

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101619\
 Data File : BF117410.D
 Acq On : 16 Oct 2019 13:46
 Operator : JU
 Sample : PB123985BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123985BS

Manual Integrations
 APPROVED

mohammad
 10/18/2019 8:26:27 AM

Quant Time: Oct 16 14:54:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 19:03:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	47728	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	198002	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	103436	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	169510	20.00	ng	0.00
76) Chrysene-d12	13.96	240	143337	20.00	ng	0.00
87) Perylene-d12	15.41	264	105452	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	354431	114.26	ng	0.00
7) Phenol-d6	6.44	99	460517	111.89	ng	0.00
23) Nitrobenzene-d5	7.36	82	242234	62.01	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	103383	122.81	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	434324	61.22	ng	0.00
79) Terphenyl-d14	12.90	244	483143	54.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	43014	33.684	ng	95
3) Pyridine	3.30	79	99895	30.738	ng	98
4) n-Nitrosodimethylamine	3.23	42	46702	40.780	ng	96
6) Aniline	6.46	93	142483	27.713	ng	# 85
8) 2-Chlorophenol	6.58	128	141259	40.960	ng	95
9) Benzaldehyde	6.35	77	51812	21.717	ng	93
10) Phenol	6.45	94	177200	39.880	ng	99
11) bis(2-Chloroethyl)ether	6.53	93	134403	39.786	ng	97
12) 1,3-Dichlorobenzene	6.73	146	148051	38.388	ng	98
13) 1,4-Dichlorobenzene	6.80	146	154100	39.197	ng	98
14) 1,2-Dichlorobenzene	6.96	146	145131	39.083	ng	98
15) Benzyl Alcohol	6.94	79	127275	40.420	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	133584	37.659	ng	73
17) 2-Methylphenol	7.06	107	115263	40.035	ng	96
18) Hexachloroethane	7.30	117	57892	37.874	ng	94
19) n-Nitroso-di-n-propylamine	7.20	70	105483	40.196	ng	97
20) 3+4-Methylphenols	7.21	107	150803	40.680	ng	92
22) Acetophenone	7.20	105	206805	39.803	ng	97
24) Nitrobenzene	7.37	77	160142	40.928	ng	98
25) Isophorone	7.62	82	287897	41.375	ng	98
26) 2-Nitrophenol	7.69	139	76093	43.832	ng	97
27) 2,4-Dimethylphenol	7.73	122	121032	45.873	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	171110	39.668	ng	98
29) 2,4-Dichlorophenol	7.95	162	113782	41.794	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	117660	40.091	ng	97
31) Naphthalene	8.09	128	409311	41.394	ng	99
32) Benzoic acid	7.88	122	44267	28.264	ng	85
33) 4-Chloroaniline	8.15	127	105705	25.171	ng	98
34) Hexachlorobutadiene	8.21	225	63233	37.619	ng	97
35) Caprolactam	8.53	113	38618m	45.297	ng	
36) 4-Chloro-3-methylphenol	8.65	107	132436	42.752	ng	93
37) 2-Methylnaphthalene	8.79	142	283694	42.487	ng	98
38) 1-Methylnaphthalene	8.89	142	263085	41.818	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	106133	38.125	ng	99

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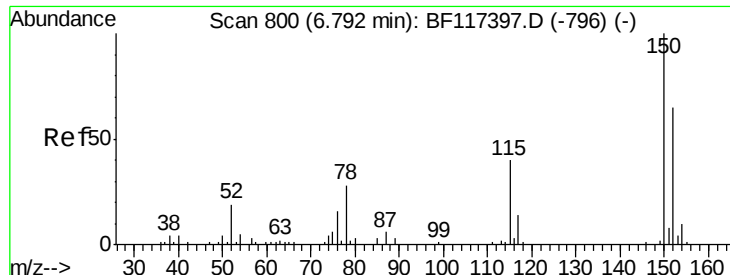
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	36719	70.636	nq	96
43) 2,4,6-Trichlorophenol	9.07	196	73474	41.705	nq	94
44) 2,4,5-Trichlorophenol	9.12	196	81514	45.361	nq	96
46) 1,1'-Biphenyl	9.25	154	330063	39.060	nq	97
47) 2-Chloronaphthalene	9.27	162	254244	38.597	nq	99
48) 2-Nitroaniline	9.38	65	83924	39.931	nq	93
49) Acenaphthylene	9.69	152	395749	40.982	nq	99
50) Dimethylphthalate	9.55	163	301715	40.616	nq	99
51) 2,6-Dinitrotoluene	9.62	165	65998	42.268	nq	89
52) Acenaphthene	9.86	154	233740	39.834	nq	99
53) 3-Nitroaniline	9.79	138	59970	31.452	nq	95
54) 2,4-Dinitrophenol	9.92	184	45518	68.770	nq	88
55) Dibenzofuran	10.03	168	352274	41.155	nq	98
56) 4-Nitrophenol	9.97	139	80759	93.008	nq	91
57) 2,4-Dinitrotoluene	10.03	165	89815	43.594	nq	96
58) Fluorene	10.37	166	289040	40.555	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	61613	44.351	nq	99
60) Diethylphthalate	10.25	149	309619	41.349	nq	99
61) 4-Chlorophenyl-phenylether	10.36	204	127830	40.511	nq	92
62) 4-Nitroaniline	10.41	138	68756	37.935	nq	97
63) Azobenzene	10.53	77	317682	41.347	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	36417	41.075	nq	95
66) n-Nitrosodiphenylamine	10.49	169	257946	40.734	nq	98
67) 4-Bromophenyl-phenylether	10.85	248	71643	38.533	nq	92
68) Hexachlorobenzene	10.93	284	74371	37.247	nq	91
69) Atrazine	11.02	200	75063	73.102	nq	99
70) Pentachlorophenol	11.13	266	59309	99.287	nq	93
71) Phenanthrene	11.34	178	399913	39.910	nq	99
72) Anthracene	11.39	178	420581	40.658	nq	100
73) Carbazole	11.55	167	397416	42.295	nq	100
74) Di-n-butylphthalate	11.87	149	522164	41.039	nq	99
75) Fluoranthene	12.53	202	435737	43.732	nq	99
77) Benzidine	12.65	184	91146	25.711	nq	97
78) Pyrene	12.76	202	445475	35.159	nq	99
80) Butylbenzylphthalate	13.36	149	229653	36.046	nq	95
81) Benzo(a)anthracene	13.95	228	394828	40.146	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	111250	35.777	nq	99
83) Chrysene	13.99	228	377870	38.960	nq	98
84) Bis(2-ethylhexyl)phthalate	13.92	149	333930	37.173	nq	97
85) Di-n-octyl phthalate	14.53	149	577242	42.208	nq	100
86) Indeno(1,2,3-cd)pyrene	16.87	276	298814	44.062	nq	99
88) Benzo(b)fluoranthene	15.00	252	362024	55.146	nq	99
89) Benzo(k)fluoranthene	15.02	252	316876	48.570	nq	99
90) Benzo(a)pyrene	15.36	252	301522	51.868	nq	97
91) Dibenzo(a,h)anthracene	16.87	278	260766	52.348	nq	99
92) Benzo(g,h,i)perylene	17.30	276	241282	50.886	nq	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

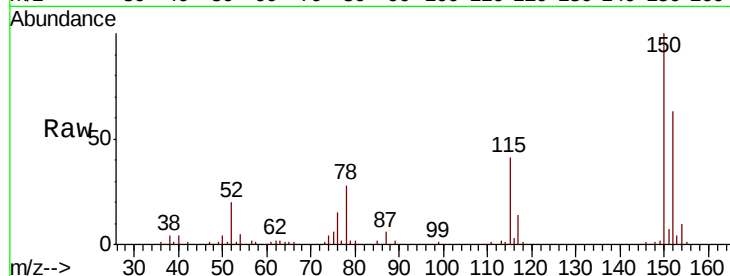
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB123985BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	122.7	184.1
115	64.8	48.6	73.0

Manual Integrations
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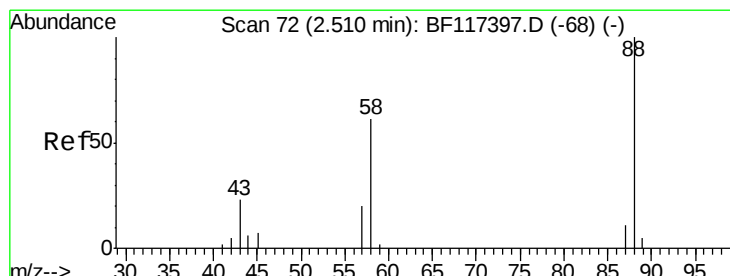
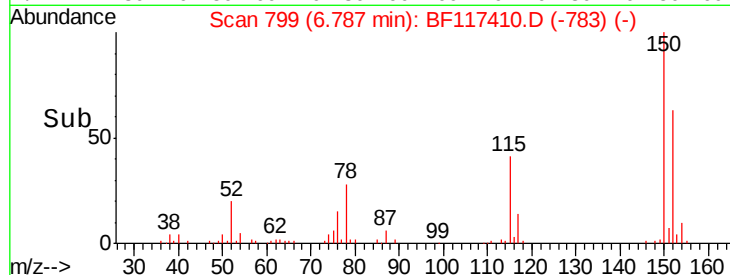
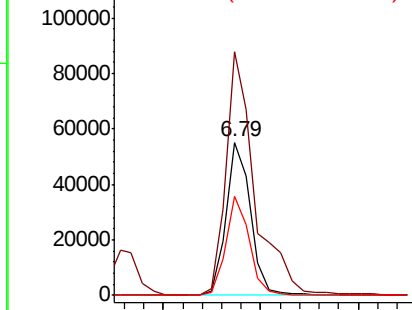


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

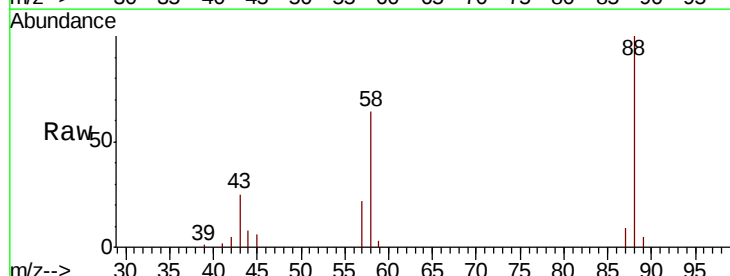
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.684 ng
RT: 2.54 min Scan# 77
Delta R.T. 0.03 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.0	49.4	74.2
43	24.0	18.1	27.1

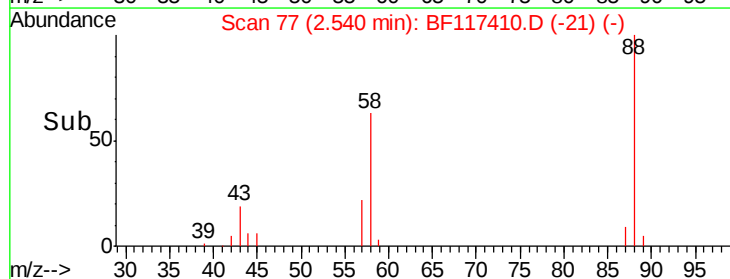
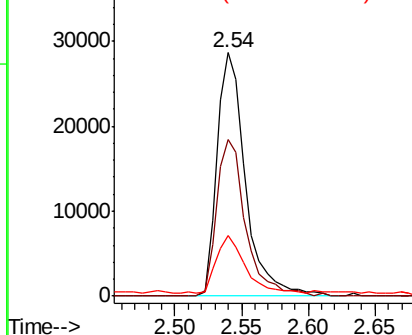


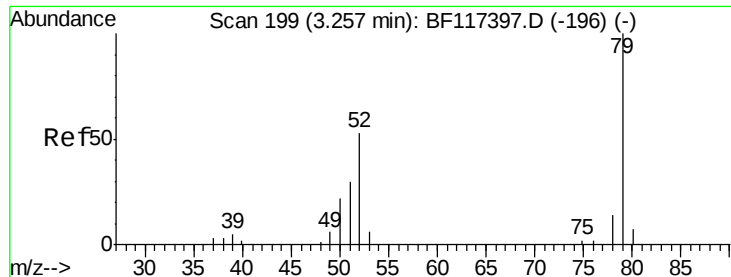
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





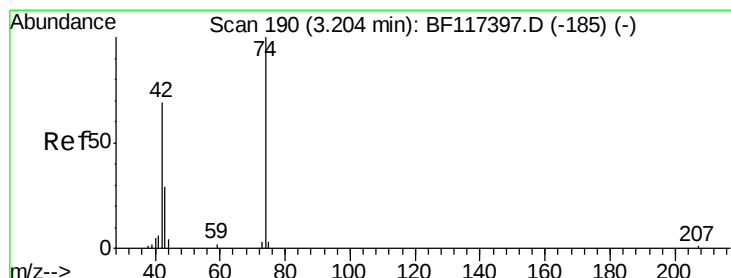
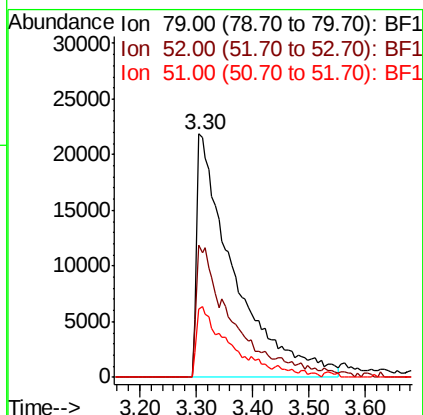
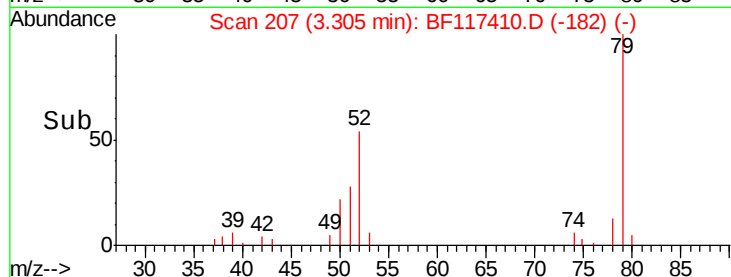
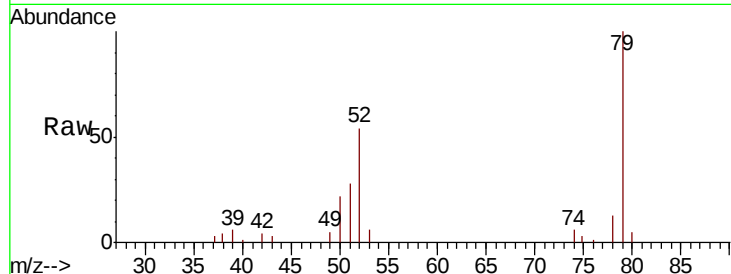
#3
 Pvridine
 Concen: 30.738 ng
 RT: 3.30 min Scan# 207
 Delta R.T. 0.05 min
 Lab File: BF117410.D
 Acq: 16 Oct 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB123985BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	54.3	42.7	64.1
51	28.0	23.8	35.8

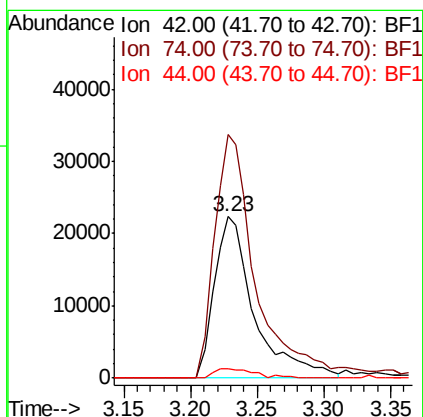
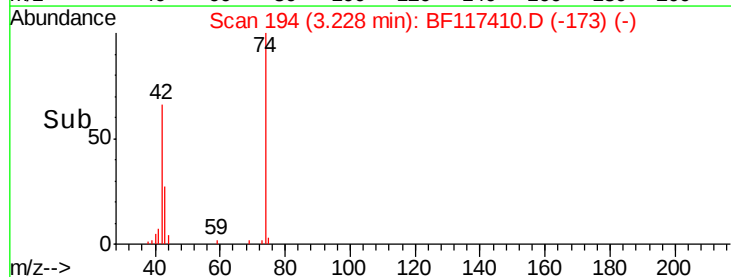
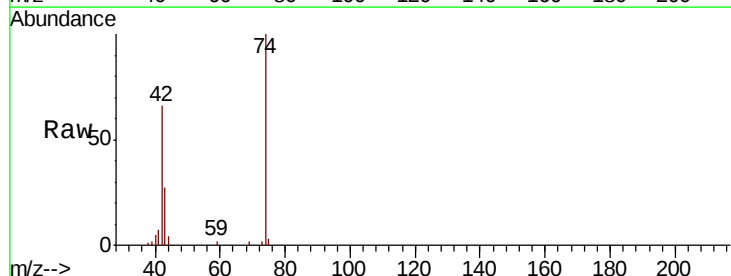
Manual Integrations
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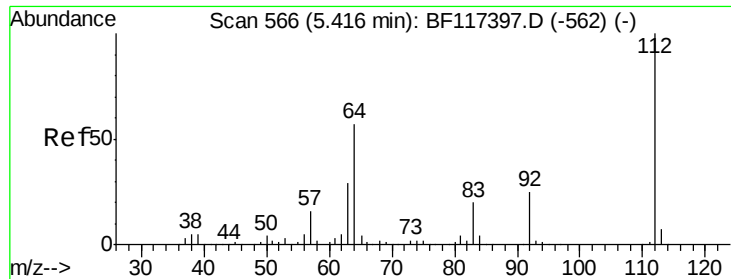
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#4
 n-Nitrosodimethylamine
 Concen: 40.780 ng
 RT: 3.23 min Scan# 194
 Delta R.T. 0.02 min
 Lab File: BF117410.D
 Acq: 16 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
42	100		
74	150.9	116.2	174.4
44	5.4	4.2	6.4





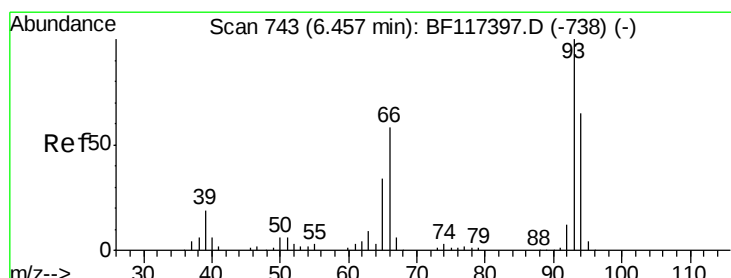
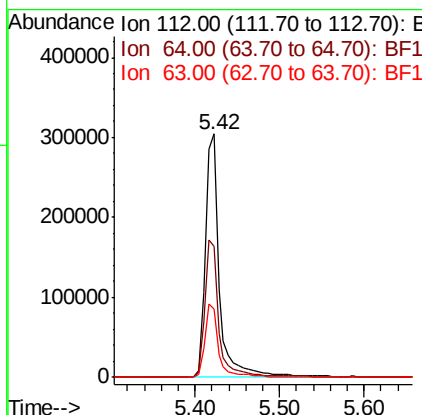
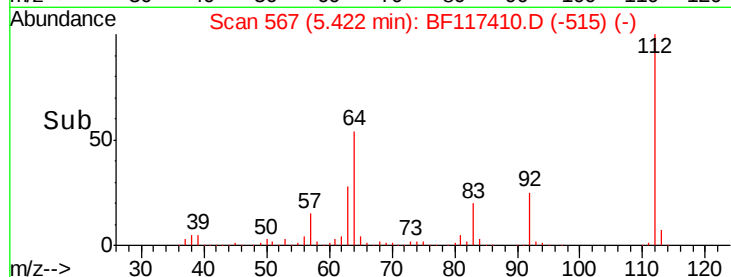
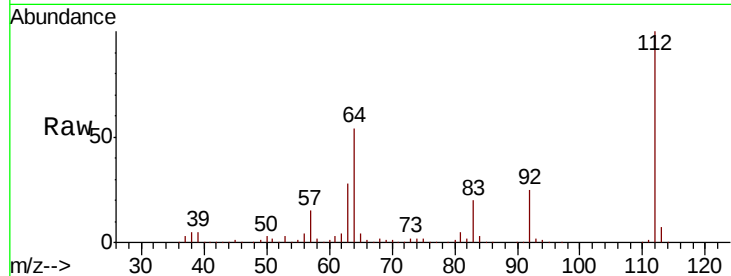
#5
2-Fluorophenol
Concen: 114.259 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB123985BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	53.6	45.2	67.8
63	28.3	23.4	35.2

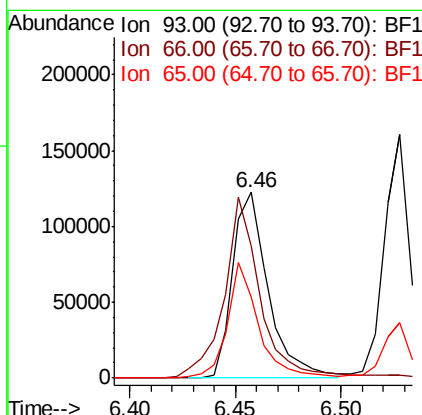
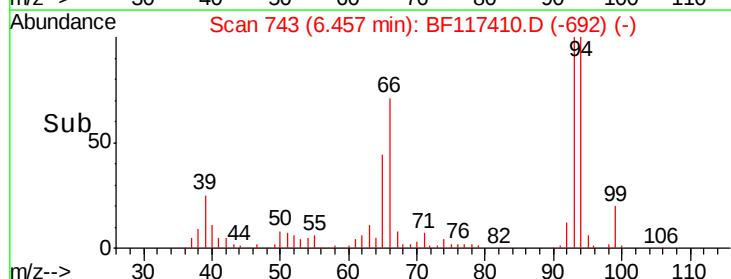
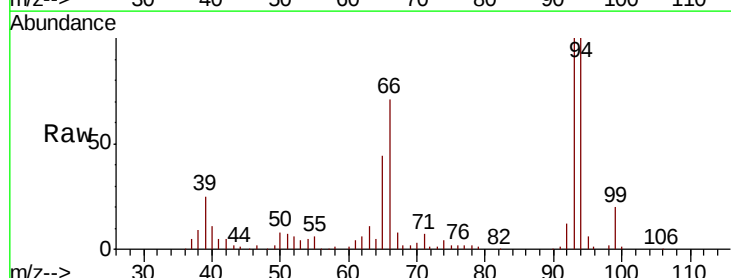
Manual Integrations
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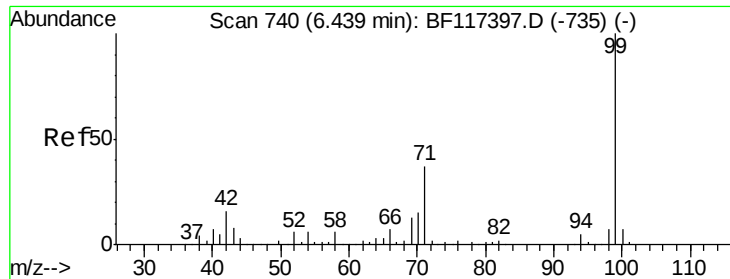
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#6
Aniline
Concen: 27.713 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	71.4	48.4	72.6
65	44.0	27.8	41.6





#7

Phenol-d6

Concen: 111.892 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF117410.D

Acq: 16 Oct 2019 13:46

Instrument :

BNA_F

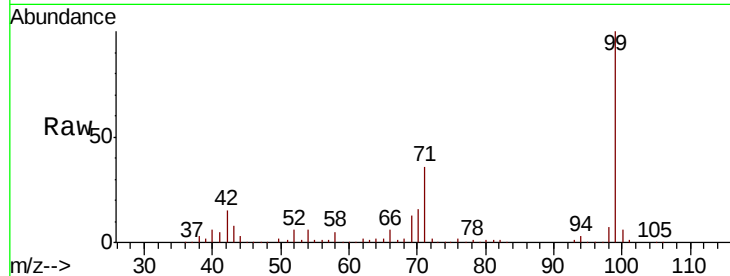
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PB123985BS

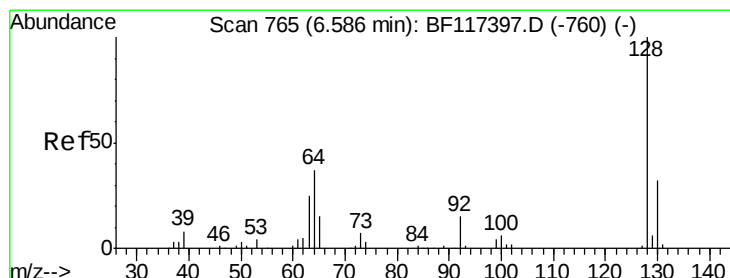
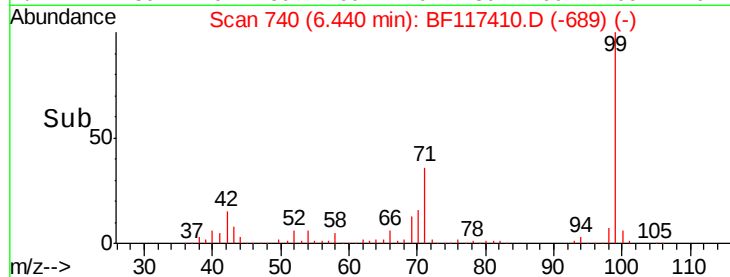
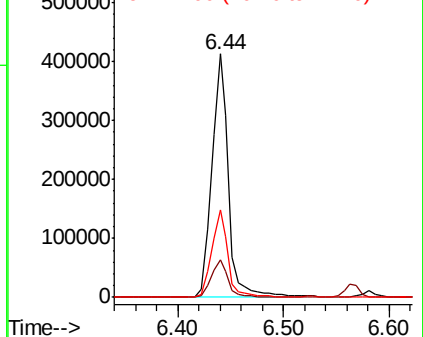
Tot Ion:	99	Resp:	460517
Ion Ratio	Lower	Upper	
99	100		
42	15.4	12.5	18.7
71	35.9	29.2	43.8

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.960 ng

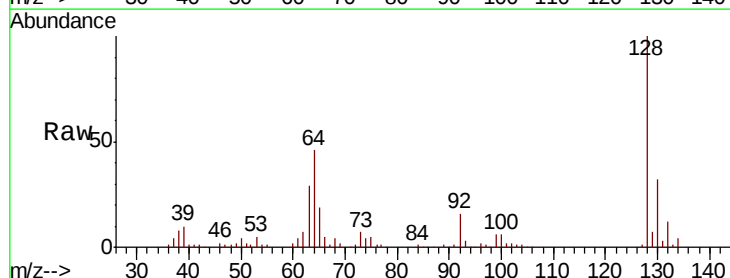
RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

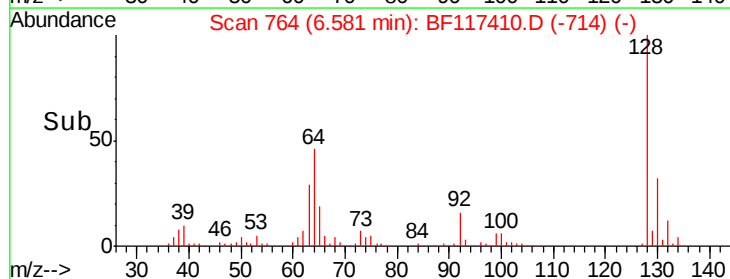
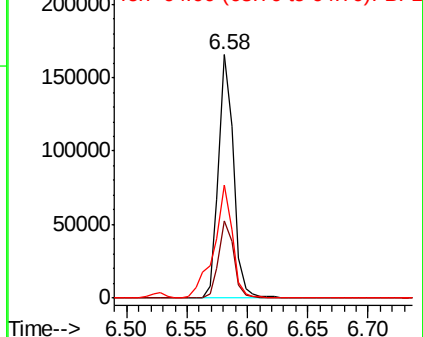
Lab File: BF117410.D

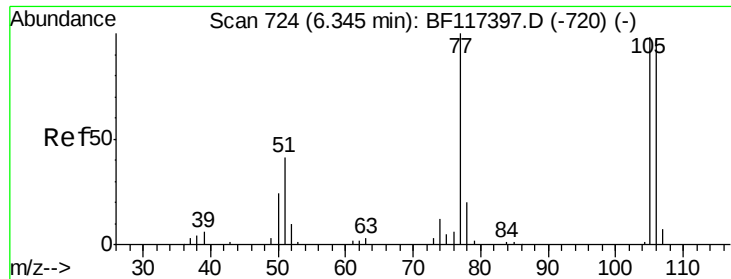
Acq: 16 Oct 2019 13:46

Tgt Ion:	128	Resp:	141259
Ion Ratio	Lower	Upper	
128	100		
130	31.8	11.7	51.7
64	46.4	20.4	60.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





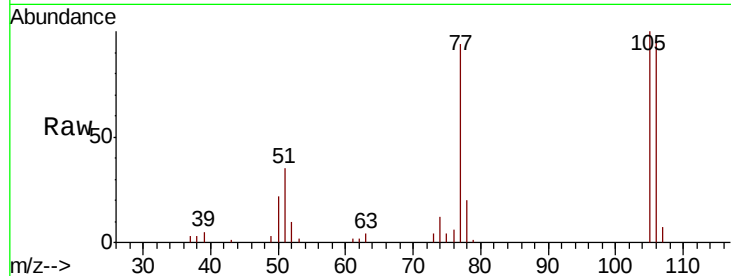
#9
Benzaldehyde
Concen: 21.717 ng
RT: 6.35 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleID :
PB123985BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	106.3	77.9	117.9
106	102.5	77.2	117.2

Manual Integrations
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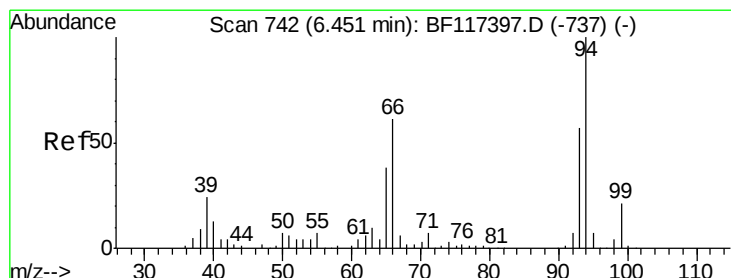
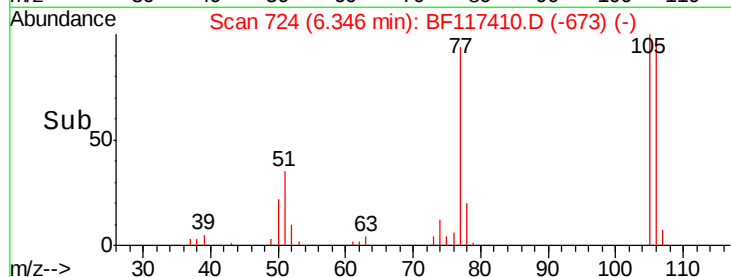
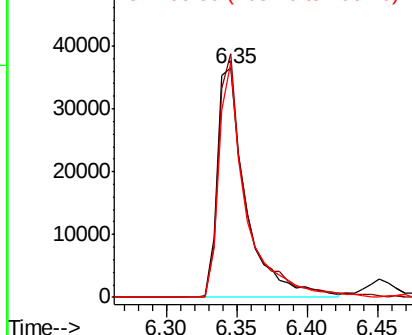


Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10
Phenol
Concen: 39.880 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

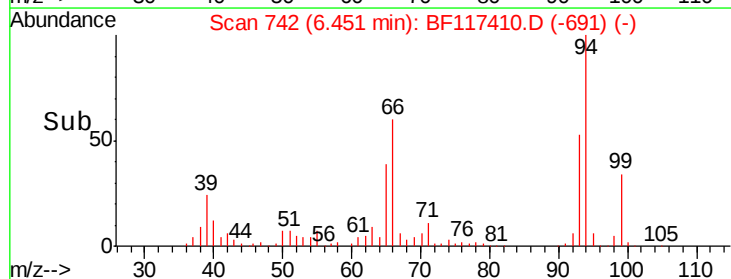
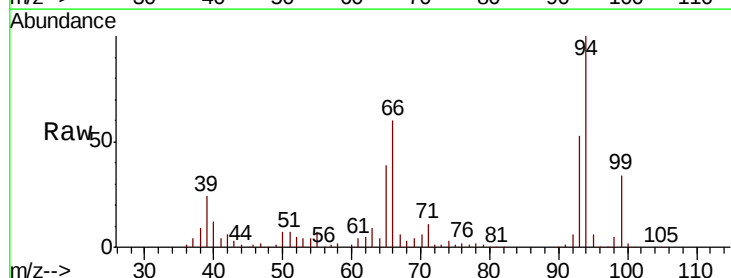
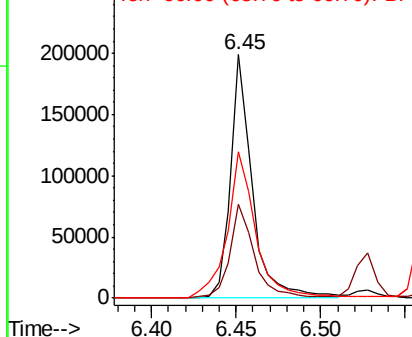
Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.5	18.2	58.2
66	60.0	41.1	81.1

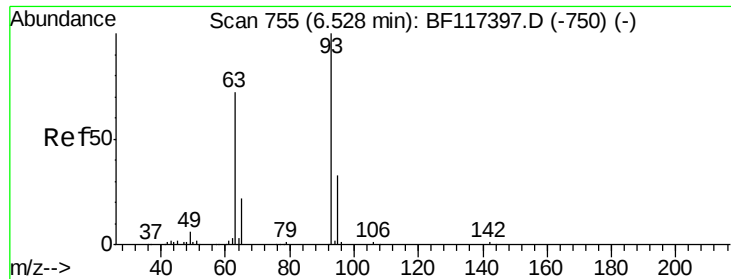
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





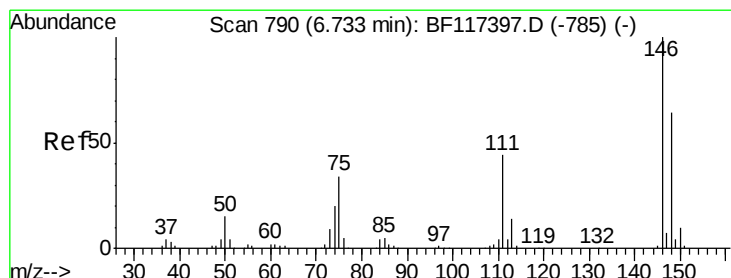
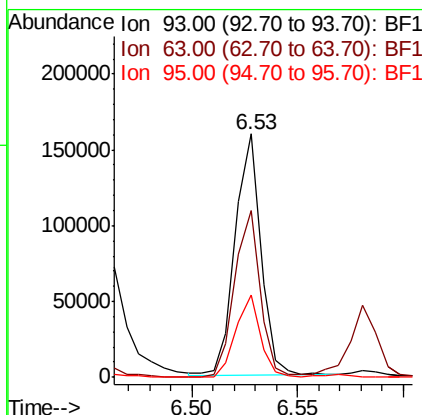
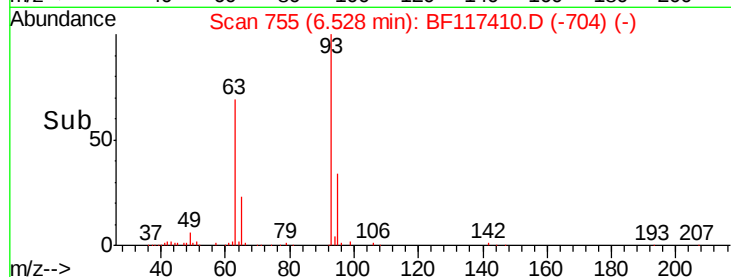
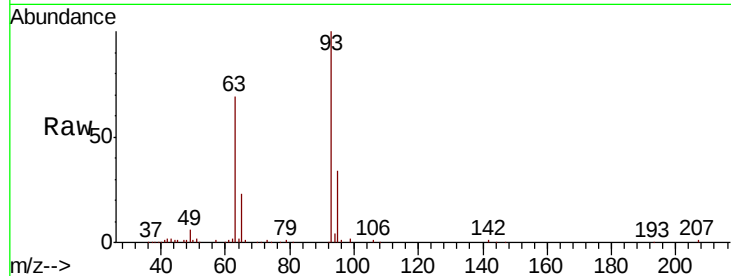
#11
bis(2-Chloroethyl)ether
Concen: 39.786 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB123985BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		134403		
63	68.6	50.9	90.9		
95	33.6	12.4	52.4		

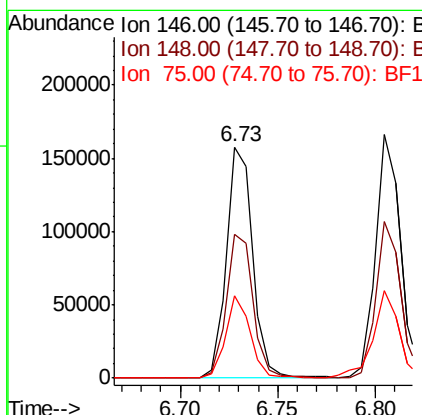
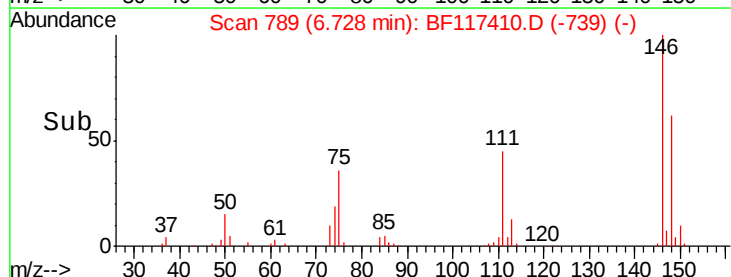
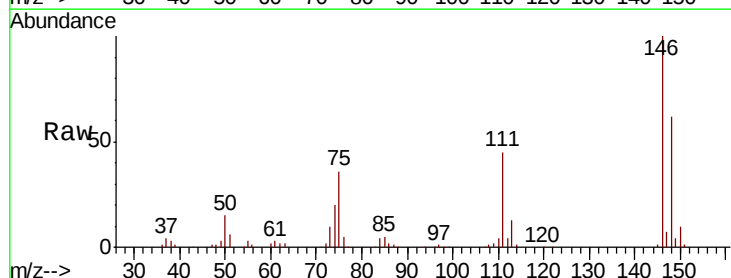
Manual Integrations
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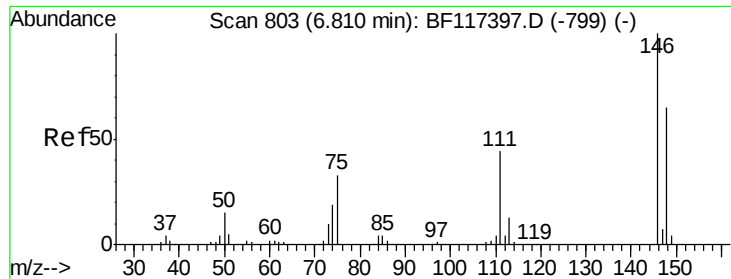
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.388 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		148051		
148	62.2	51.0	76.6		
75	35.6	27.4	41.2		





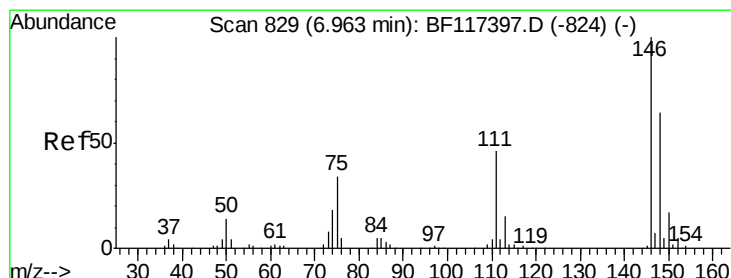
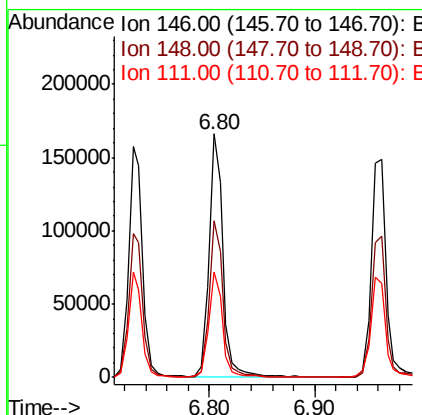
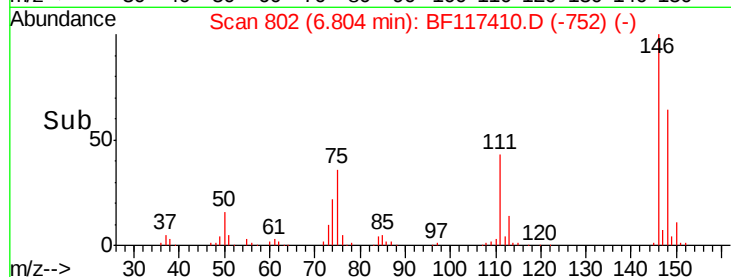
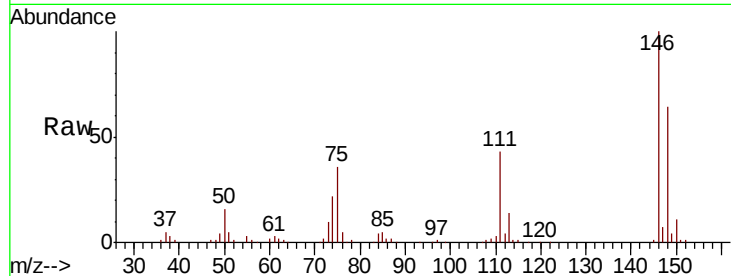
#13
1,4-Dichlorobenzene
Concen: 39.197 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB123985BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.2
111	43.1	35.7	53.5

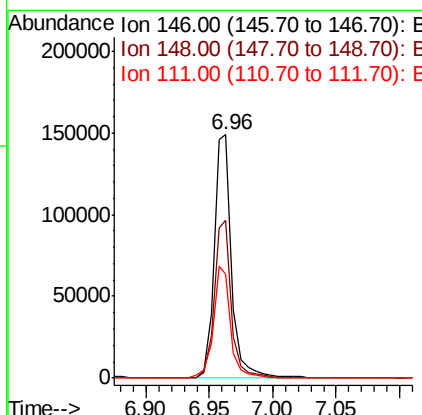
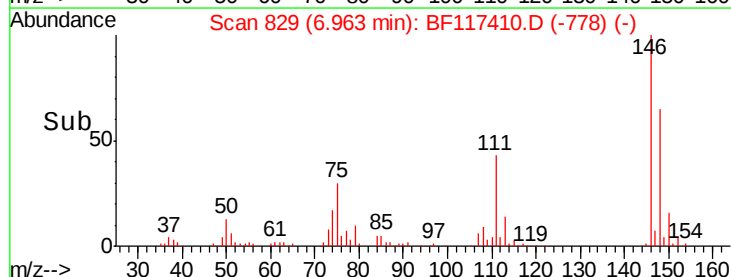
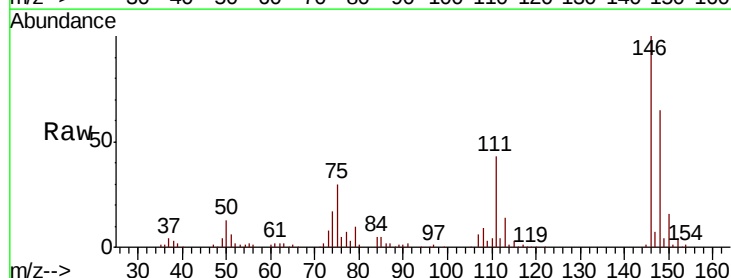
Manual Integrations
APPROVED

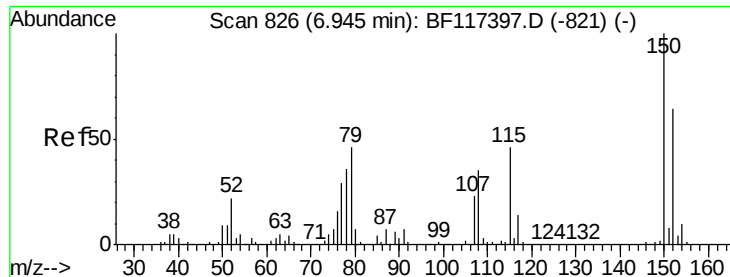
mohammad
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#14
1,2-Dichlorobenzene
Concen: 39.083 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.0	76.6
111	42.8	36.5	54.7





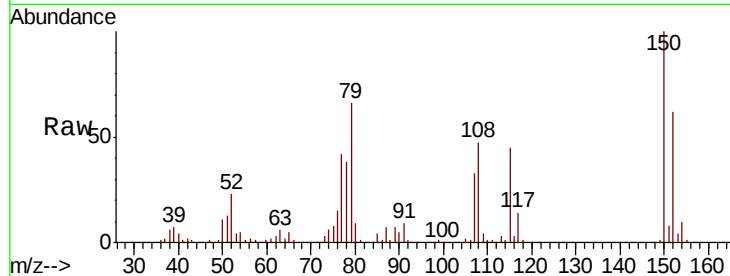
#15
Benzyl Alcohol
Concen: 40.420 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB123985BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.9	60.4	90.6
77	63.6	50.6	76.0

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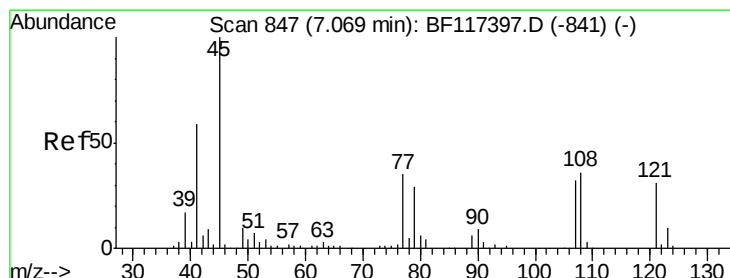
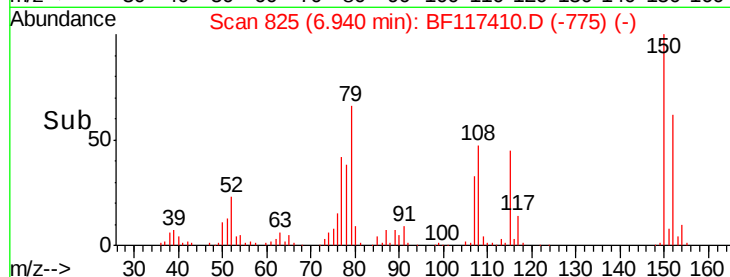
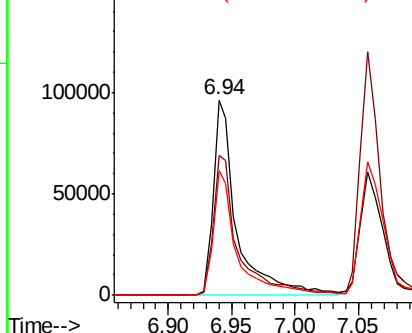


Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.659 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

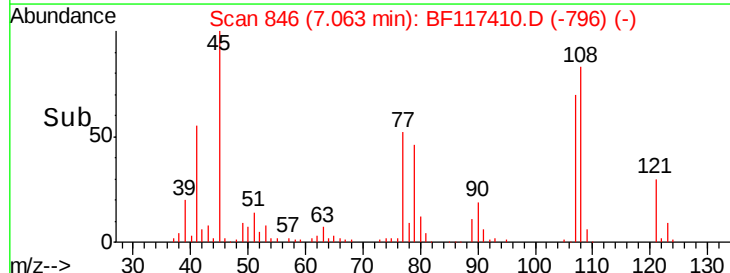
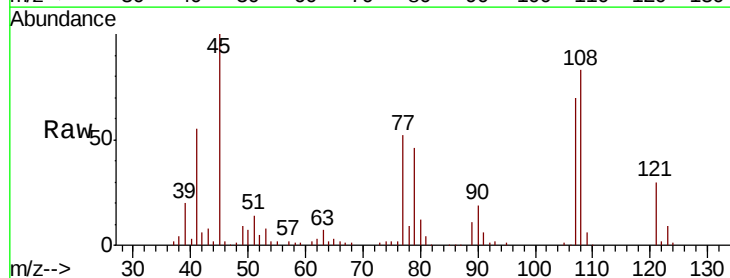
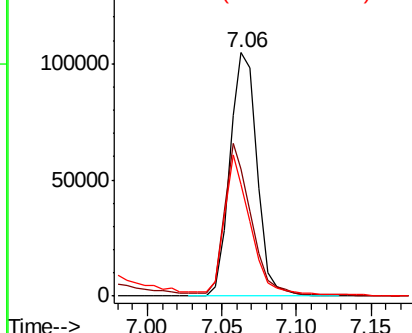
Tgt Ion	Ratio	Lower	Upper
45	100		
77	52.0	15.9	55.9
79	45.8	10.7	50.7

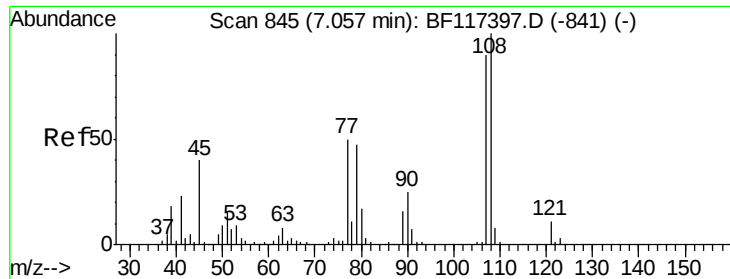
Abundance

Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





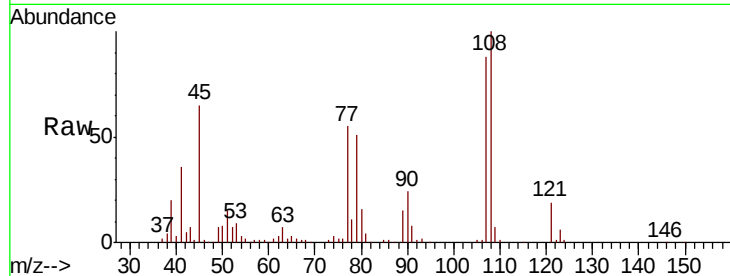
#17
2-Methylphenol
Concen: 40.035 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampled :
PB123985BS

Tot Ion:	107	Resp:	115263
Ion Ratio	Lower	Upper	
107	100		
108	113.5	89.4	134.2
77	62.3	45.1	67.7
79	57.5	42.3	63.5

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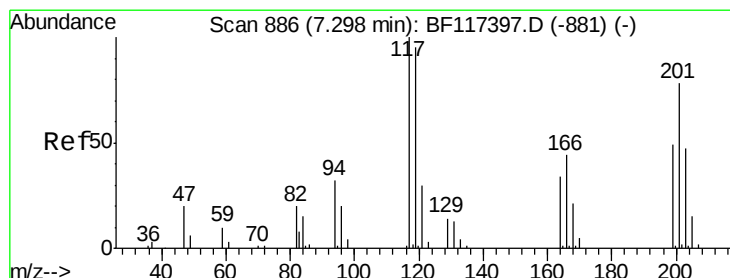
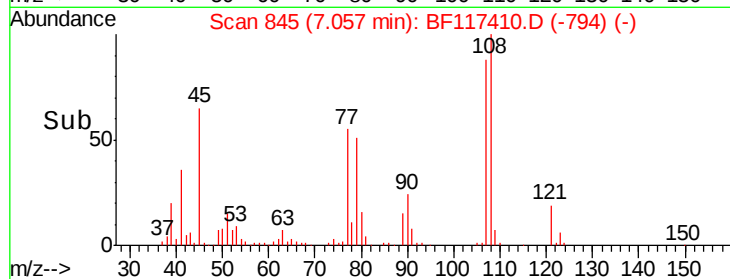
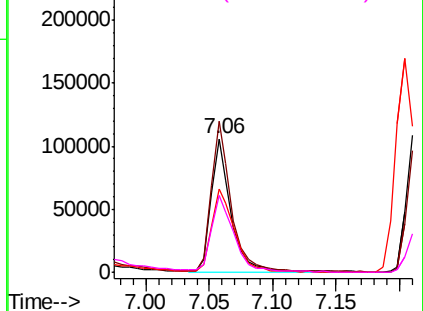
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 37.874 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

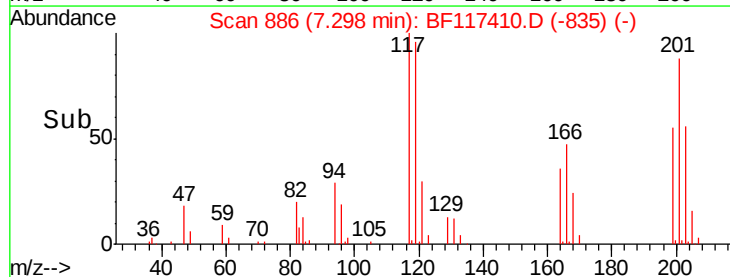
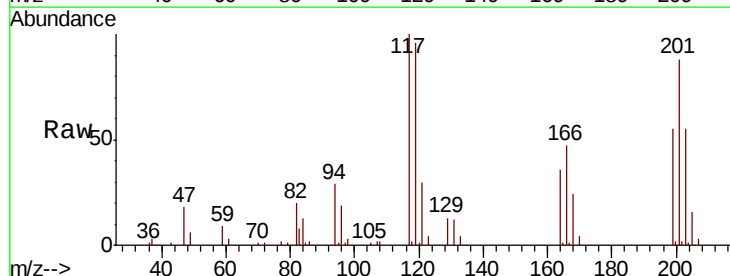
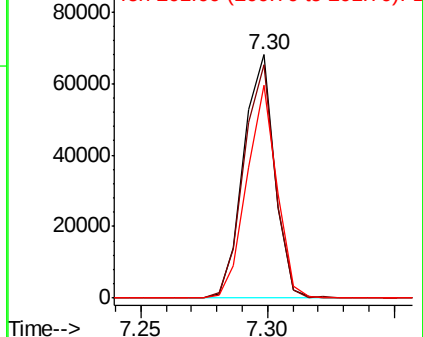
Tgt Ion:	117	Resp:	57892
Ion Ratio	Lower	Upper	
117	100		
119	96.1	75.7	113.5
201	87.6	62.2	93.4

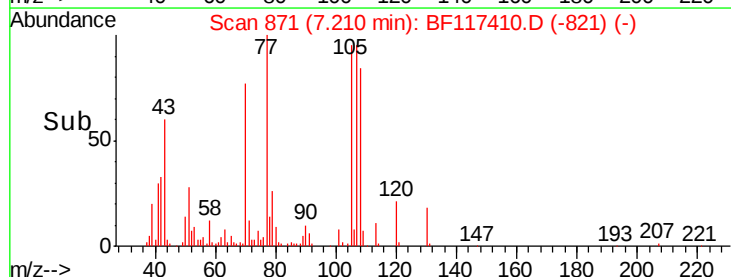
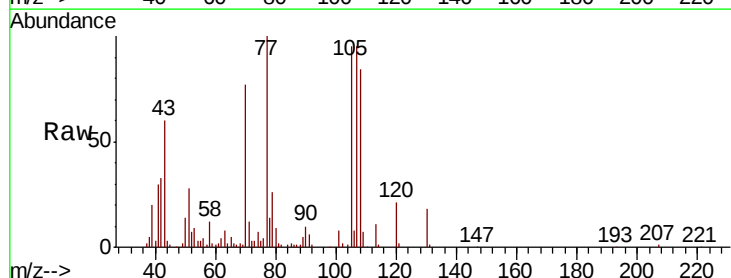
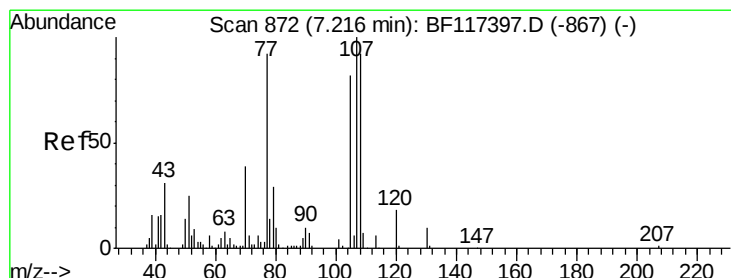
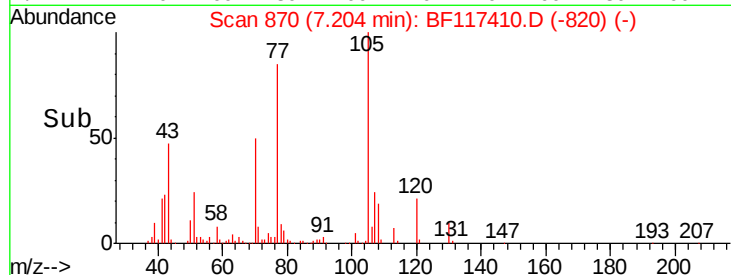
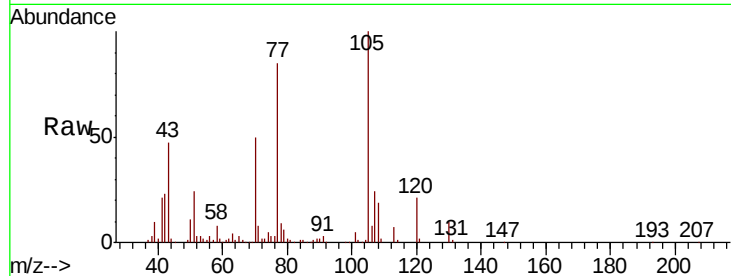
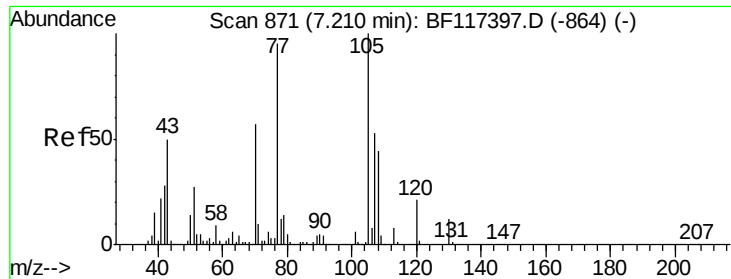
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





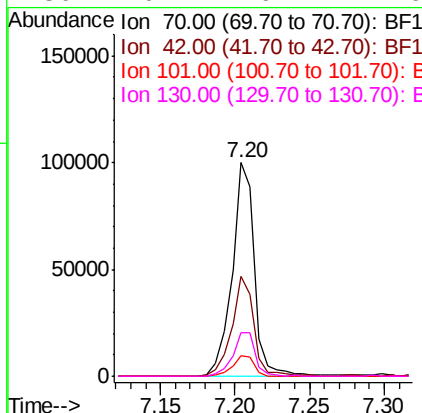
#19
n-Nitroso-di-n-propylamine
Concen: 40.196 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB123985BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.9	39.8	59.8
101	9.6	8.1	12.1
130	20.1	16.4	24.6

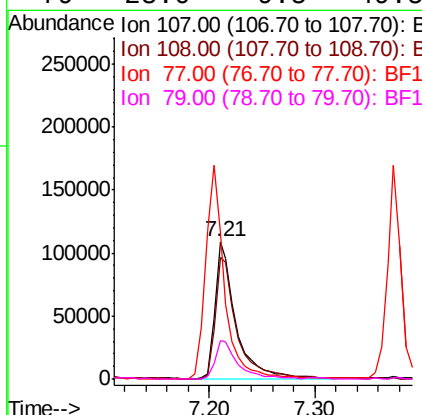
Manual Integrations
APPROVED

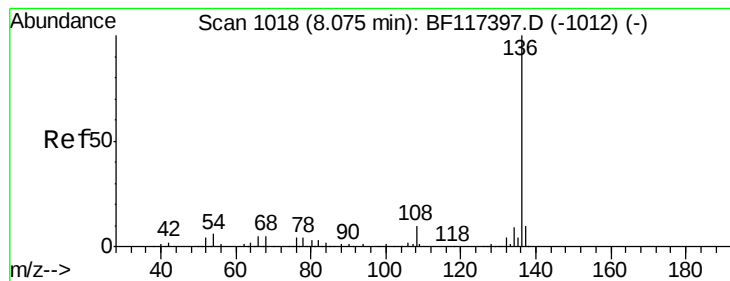
mohammad
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#20
3+4-Methylphenols
Concen: 40.680 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	71.8	111.8
77	105.7	72.7	112.7
79	28.0	9.5	49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF117410.D

Acq: 16 Oct 2019 13:46

Instrument :

BNA_F

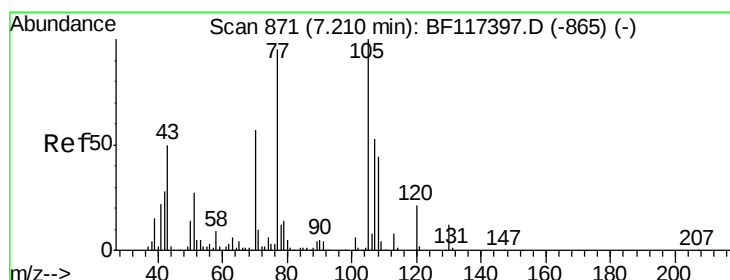
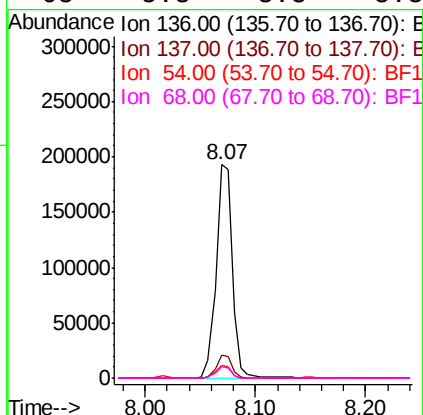
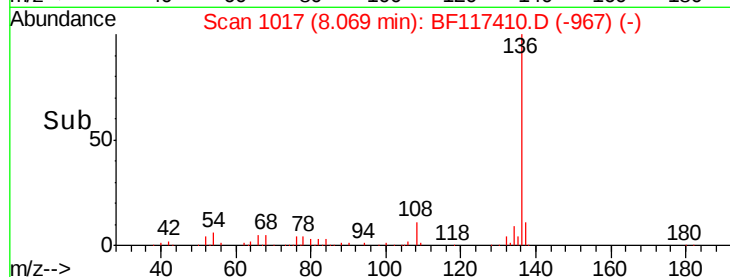
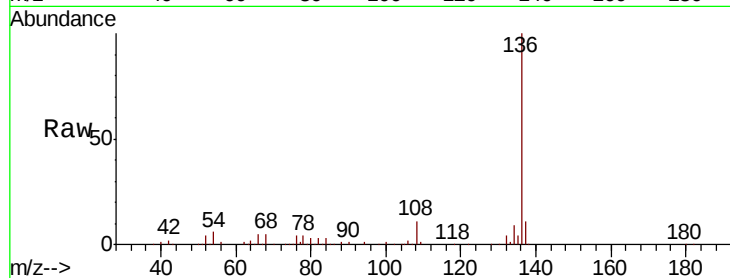
ClientSampleId :

PB123985BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	198002		
137	11.0	8.4	12.6	
54	6.1	4.6	6.8	
68	5.3	3.8	5.8	

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#22

Acetophenone

Concen: 39.803 ng

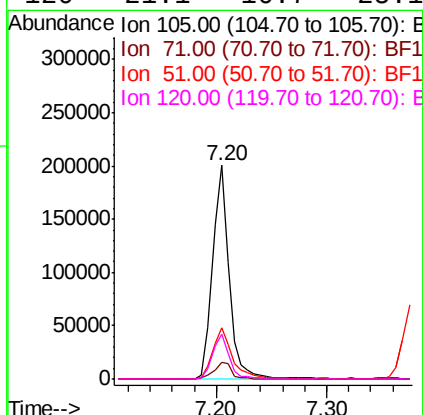
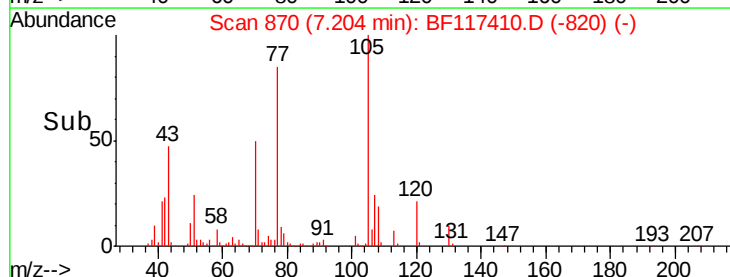
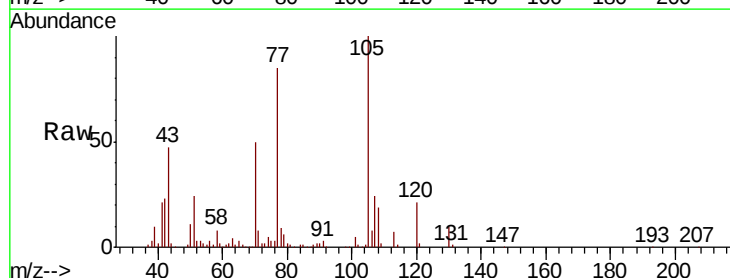
RT: 7.20 min Scan# 870

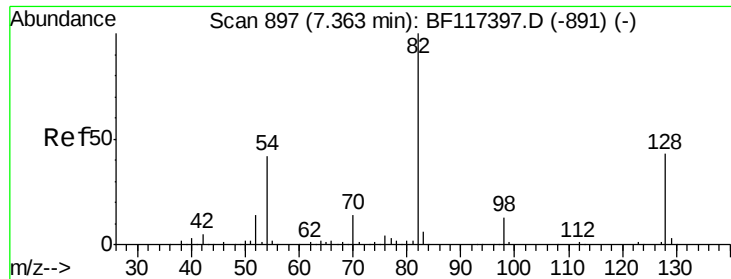
Delta R.T. -0.01 min

Lab File: BF117410.D

Acq: 16 Oct 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	206805		
71	8.0	7.8	11.6	
51	24.2	21.5	32.3	
120	21.1	16.7	25.1	





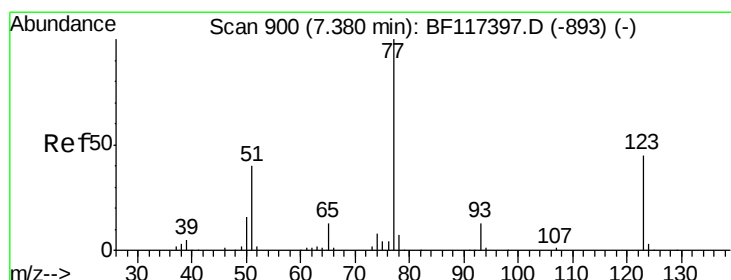
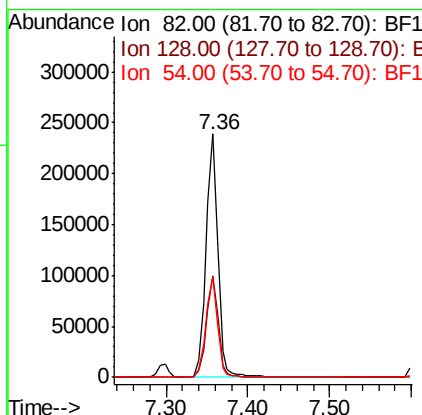
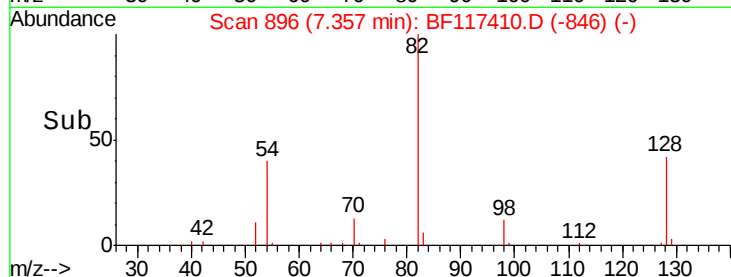
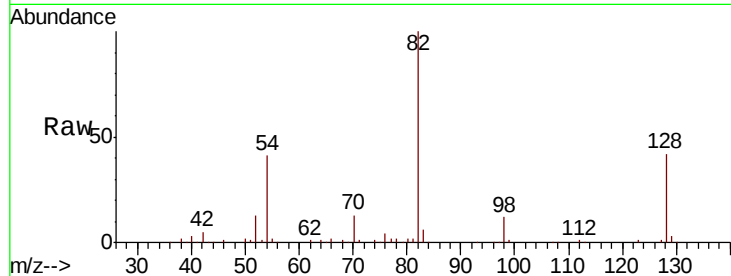
#23
Nitrobenzene-d5
Concen: 62.014 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB123985BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.1	51.1
54	41.0	33.3	49.9

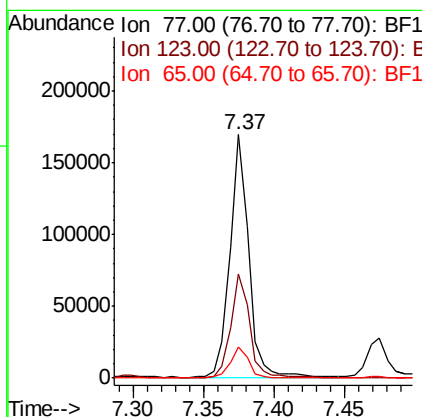
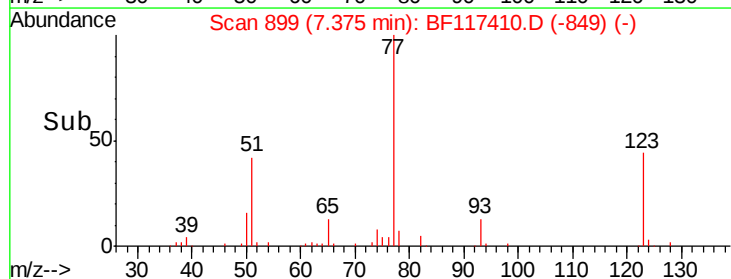
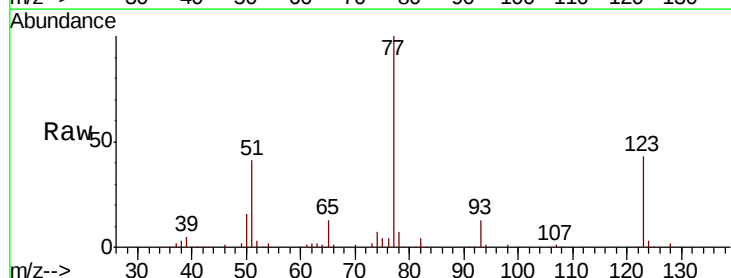
Manual Integrations
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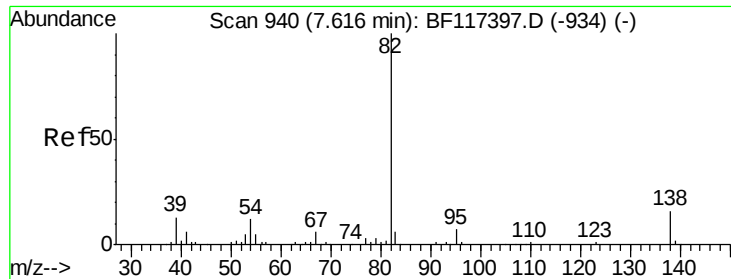
mohammad
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#24
Nitrobenzene
Concen: 40.928 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.0	35.8	53.8
65	12.9	10.1	15.1





#25

Isophorone

Concen: 41.375 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF117410.D

Acq: 16 Oct 2019 13:46

Instrument :

BNA_F

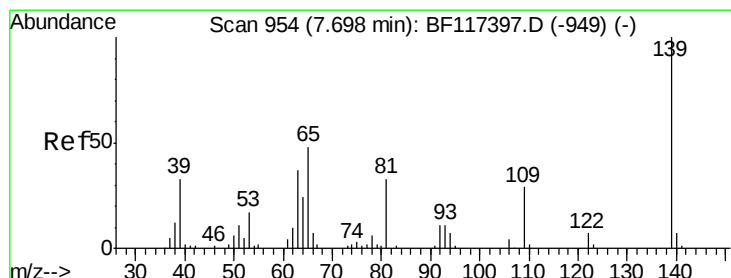
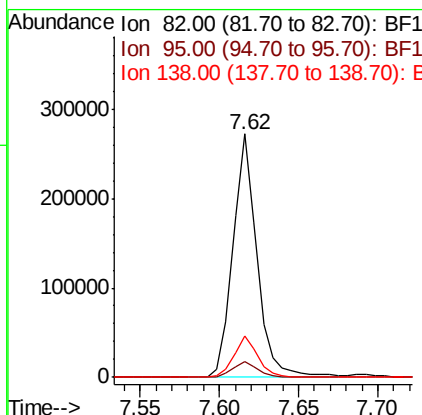
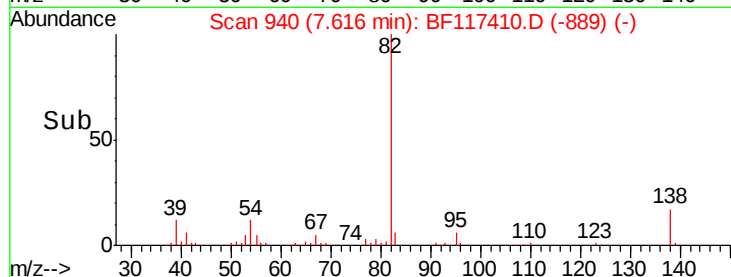
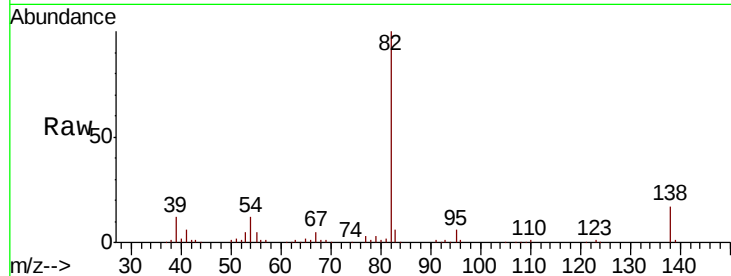
ClientSampleId :

PB123985BS

Tot Ion:	82	Resp:	287897
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.4	8.0
138	17.1	13.0	19.4

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#26

2-Nitrophenol

Concen: 43.832 ng

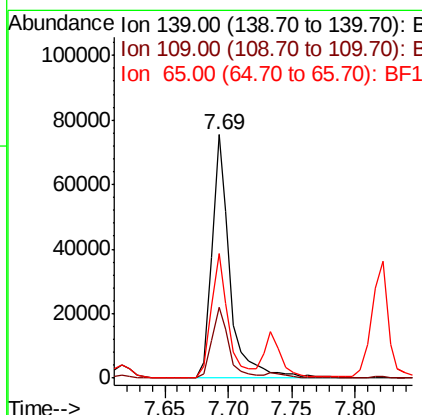
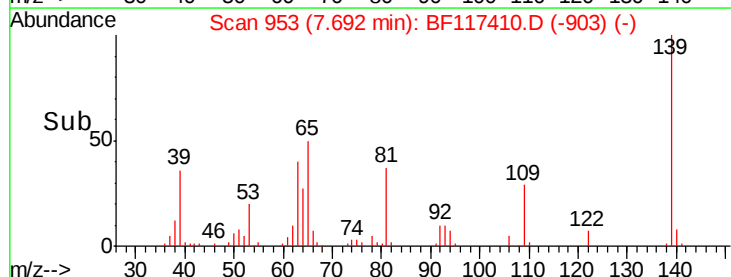
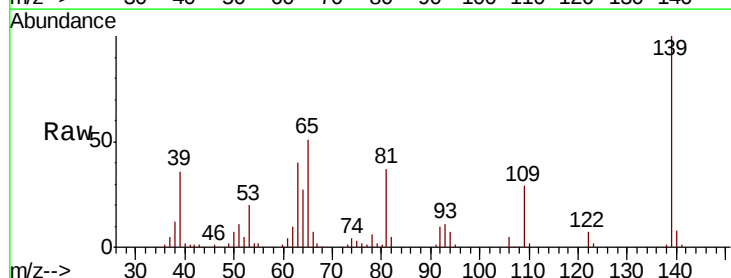
RT: 7.69 min Scan# 953

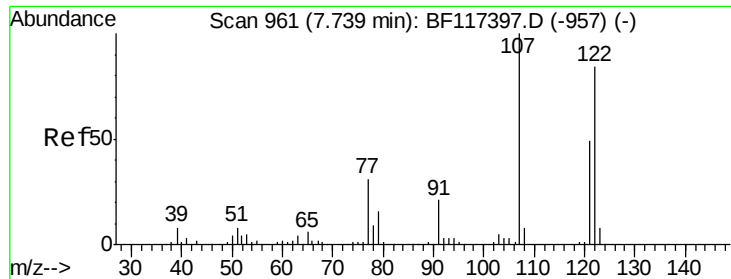
Delta R.T. -0.01 min

Lab File: BF117410.D

Acq: 16 Oct 2019 13:46

Tgt Ion:	139	Resp:	76093
Ion Ratio	Lower	Upper	
139	100		
109	29.2	23.1	34.7
65	51.2	38.2	57.4





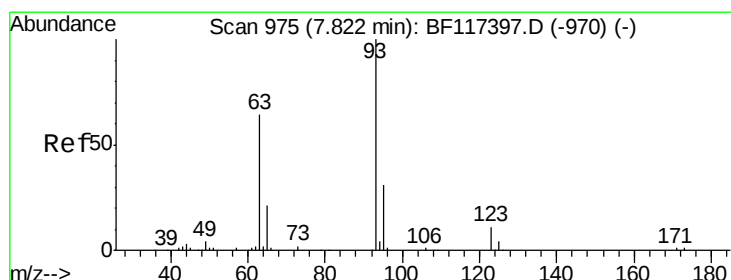
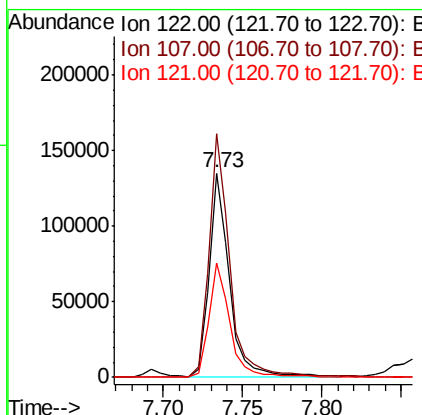
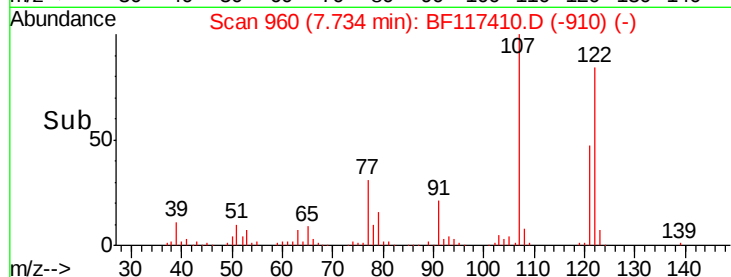
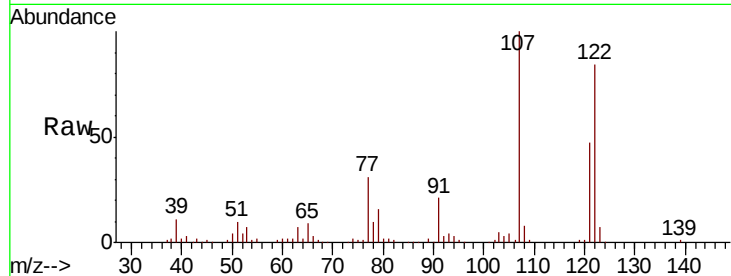
#27
2,4-Dimethylphenol
Concen: 45.873 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB123985BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.1	95.0	142.6
121	55.9	46.6	69.8

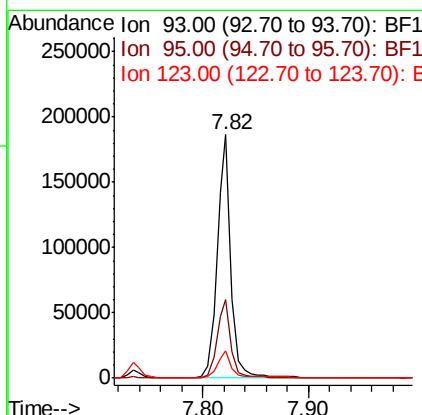
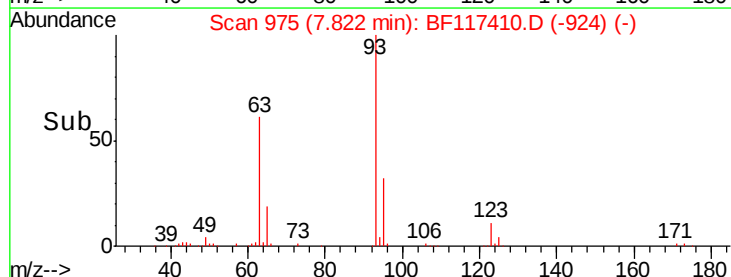
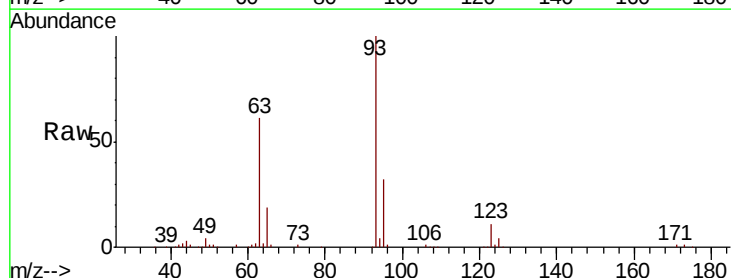
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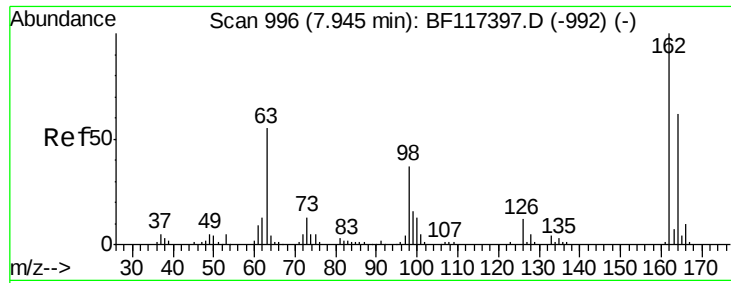
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#28
bis(2-Chloroethoxy)methane
Concen: 39.668 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.1	37.7
123	11.2	8.6	12.8





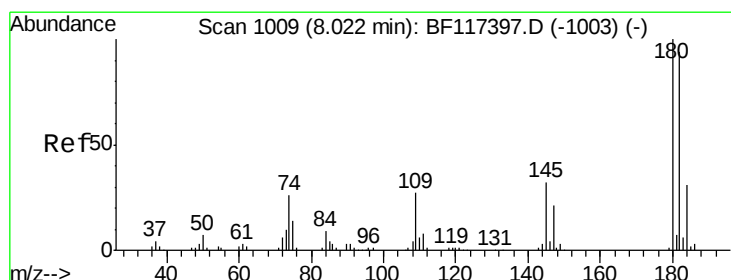
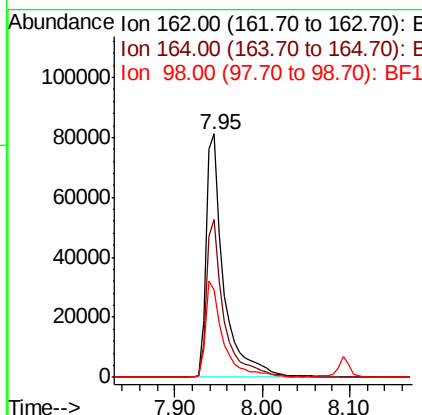
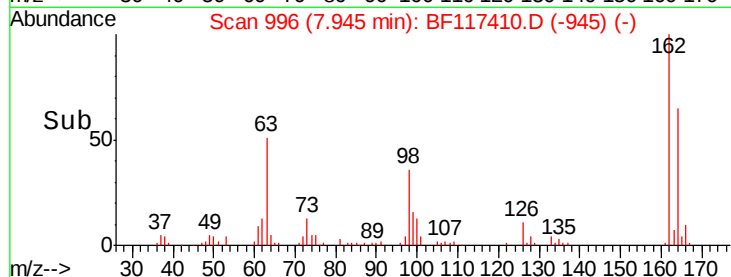
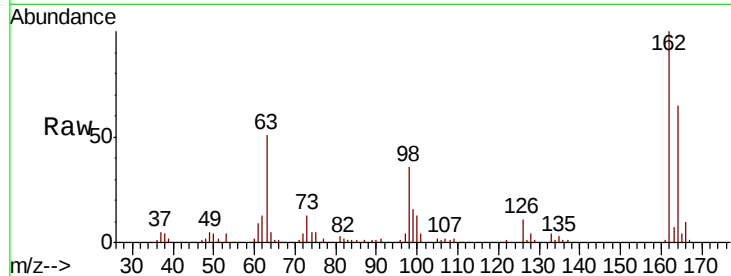
#29
2,4-Dichlorophenol
Concen: 41.794 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleID :
PB123985BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	113782		
164	65.0	42.2	82.2	
98	36.1	17.4	57.4	

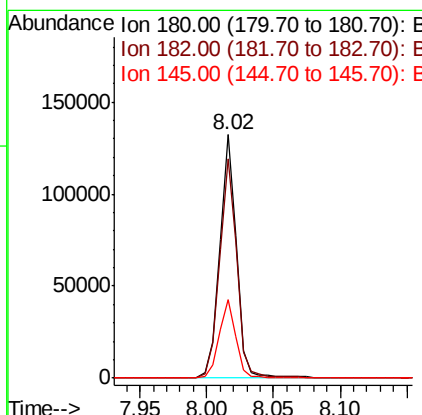
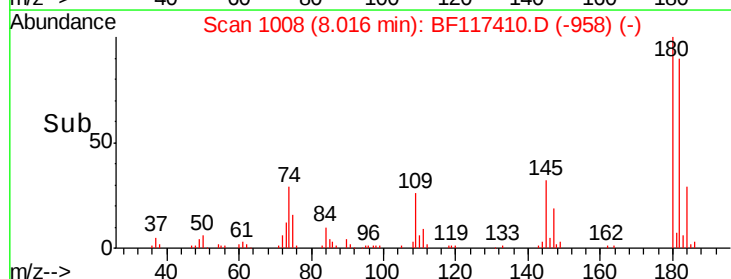
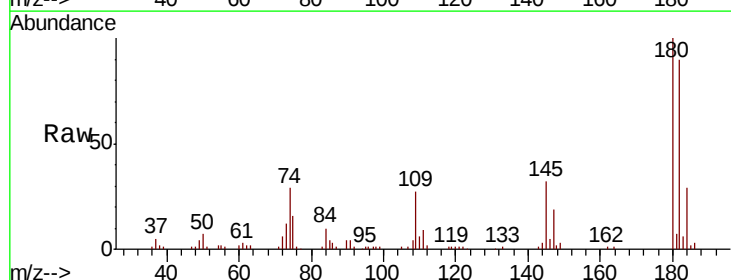
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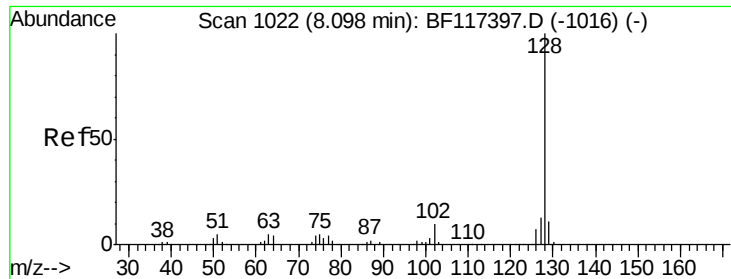
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#30
1,2,4-Trichlorobenzene
Concen: 40.091 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	117660		
182	90.3	75.4	113.2	
145	32.0	25.5	38.3	





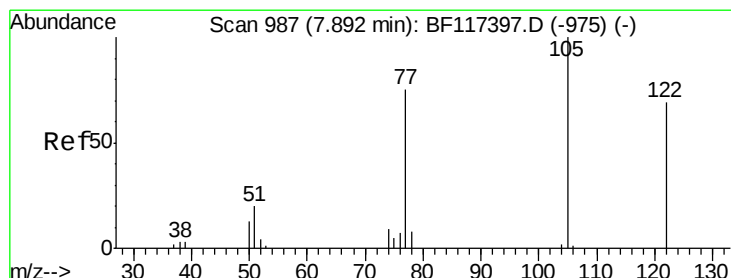
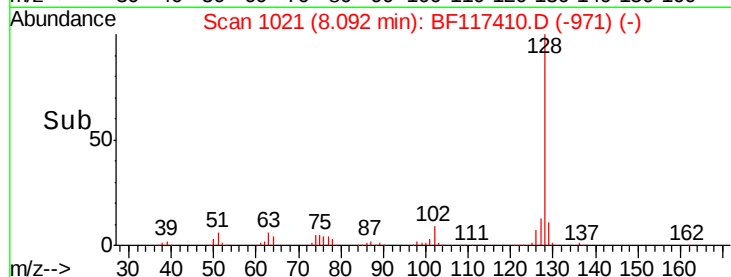
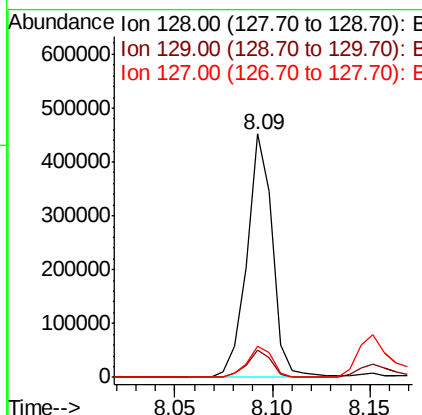
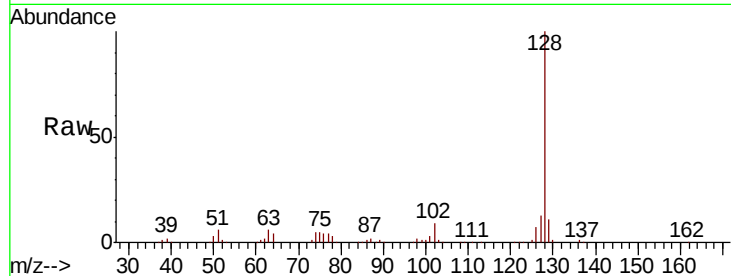
#31
Naphthalene
Concen: 41.394 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB123985BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.3	8.6	12.8	
127	12.9	10.4	15.6	

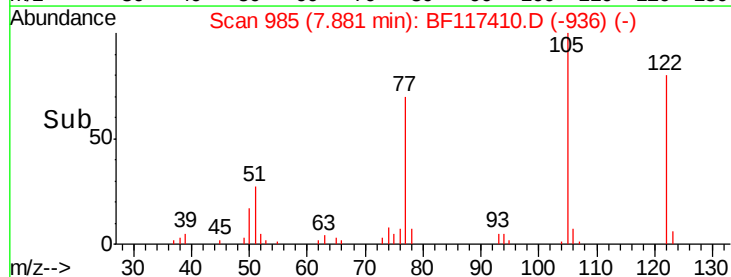
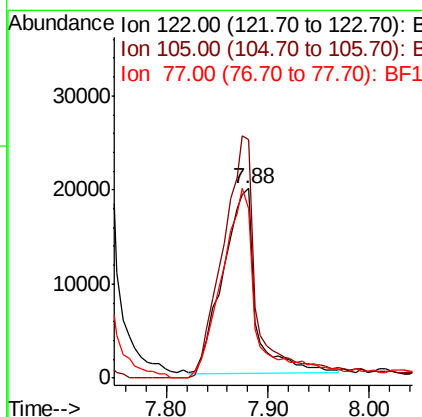
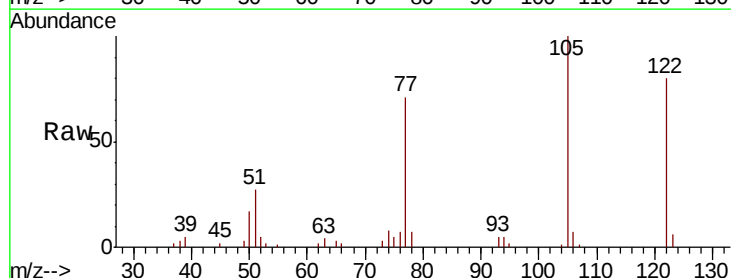
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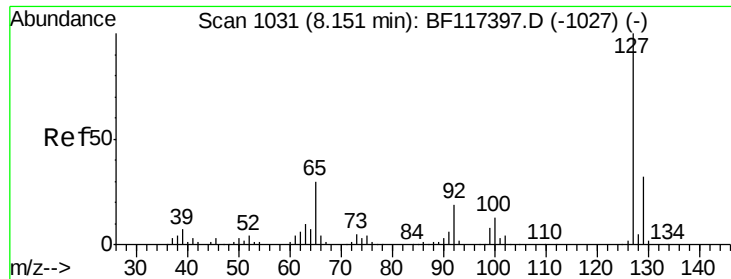
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#32
Benzoic acid
Concen: 28.264 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	125.8	121.5	161.5	
77	89.6	88.3	128.3	





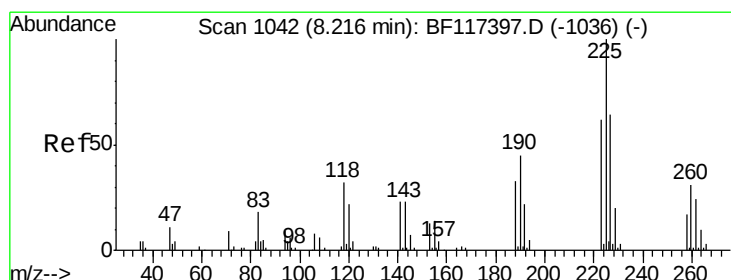
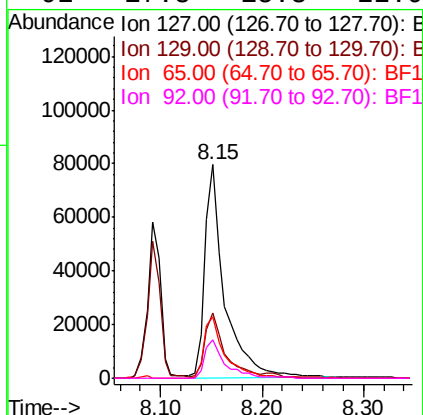
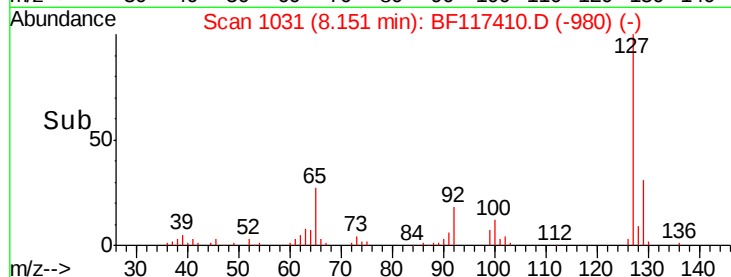
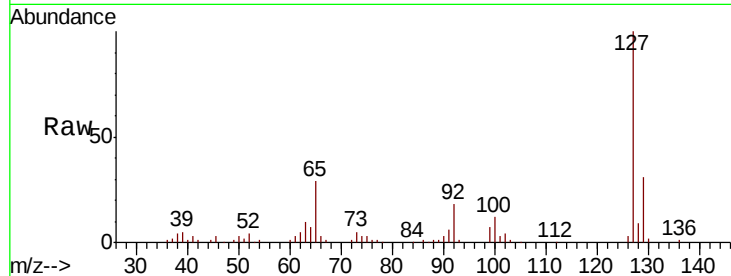
#33
4-Chloroaniline
Concen: 25.171 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB123985BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.6	25.4	38.0		
65	28.8	23.8	35.8		
92	17.8	15.3	22.9		

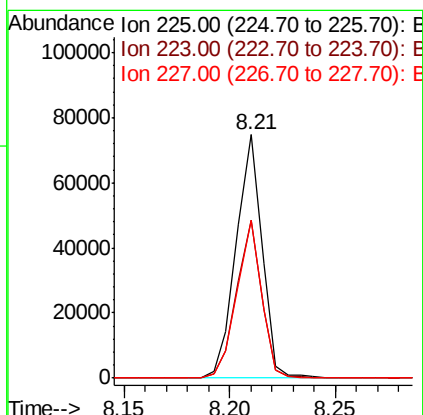
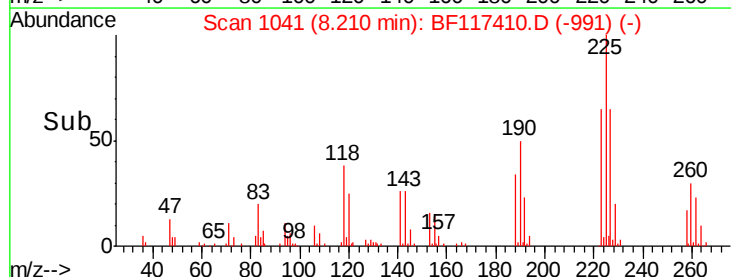
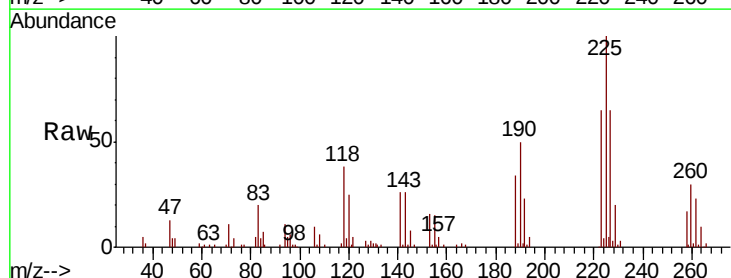
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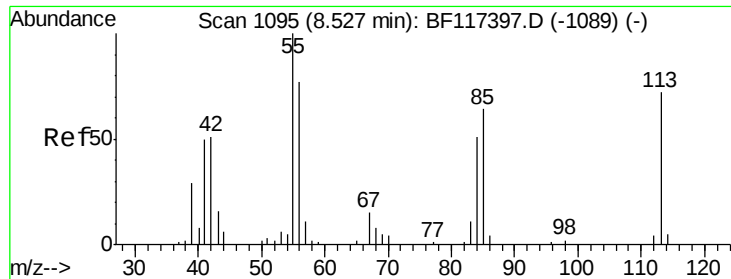
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#34
Hexachlorobutadiene
Concen: 37.619 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.0	49.7	74.5		
227	64.9	50.9	76.3		





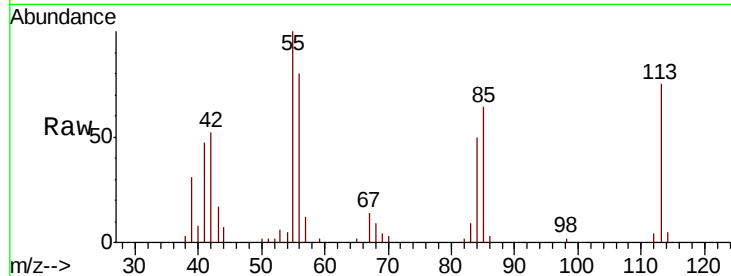
#35
 Caprolactam
 Concen: 45.297 ng/ml
 RT: 8.53 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF117410.D
 Acq: 16 Oct 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB123985BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	134.1	118.5	158.5
56	107.4	86.7	126.7

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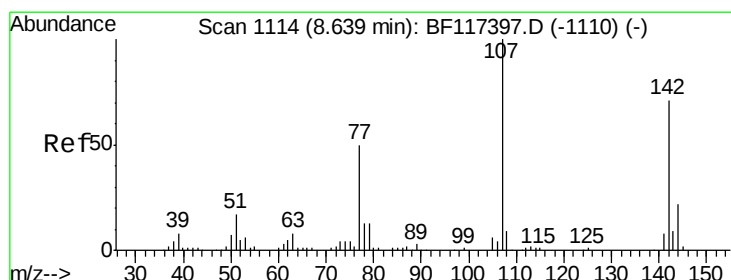
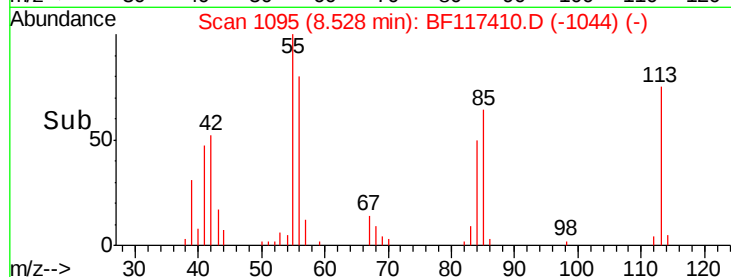
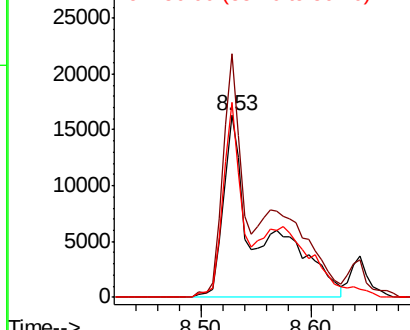


Abundance

Ion 113.00 (112.70 to 113.70): E

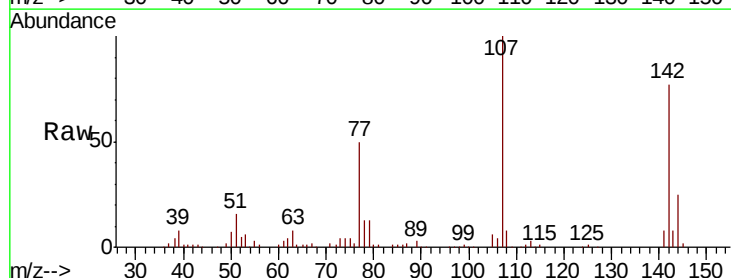
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 42.752 ng/ml
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BF117410.D
 Acq: 16 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	17.9	26.9
142	76.8	56.9	85.3

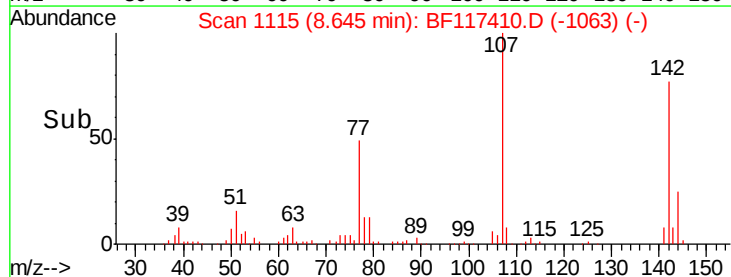
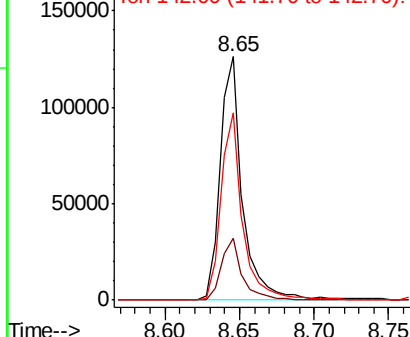


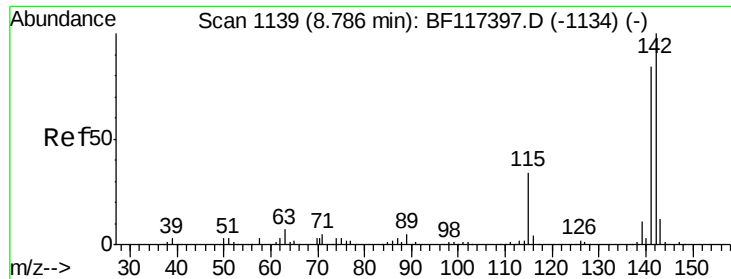
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





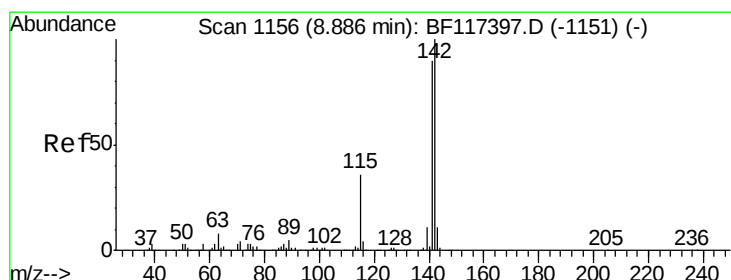
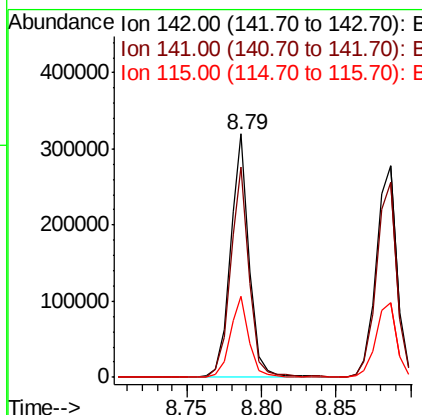
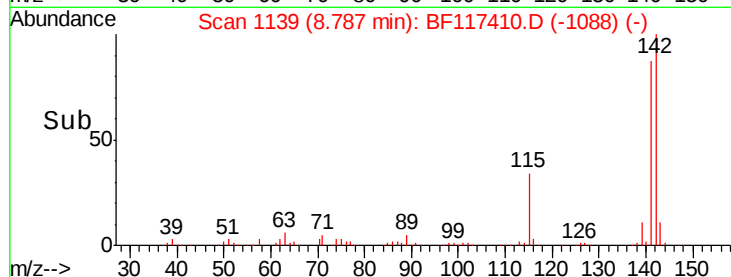
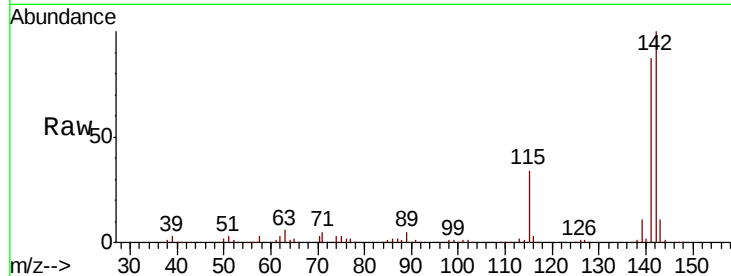
#37
2-Methylnaphthalene
Concen: 42.487 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB123985BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
142	100		283694		
141	86.7	67.2	100.8		
115	33.5	26.9	40.3		

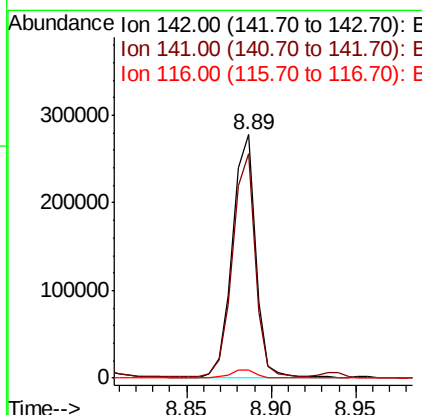
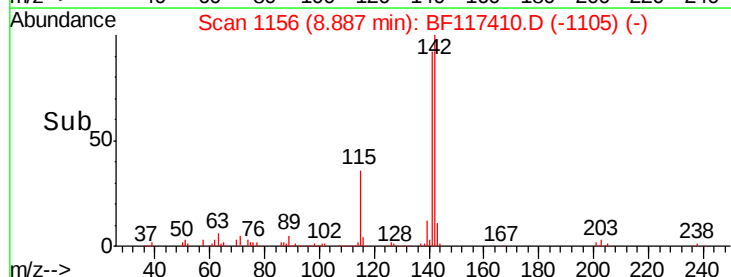
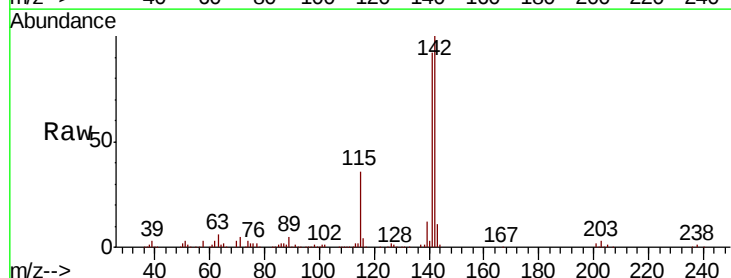
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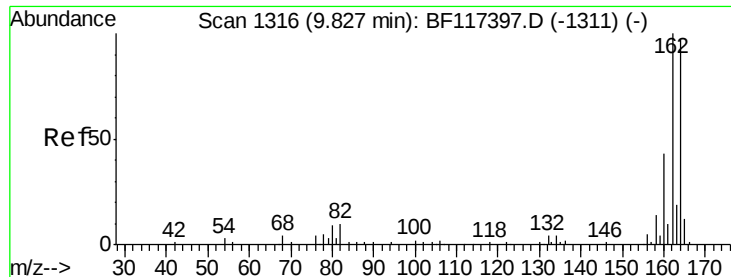
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#38
1-Methylnaphthalene
Concen: 41.818 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
142	100		263085		
141	92.2	71.8	107.8		
116	3.5	2.9	4.3		





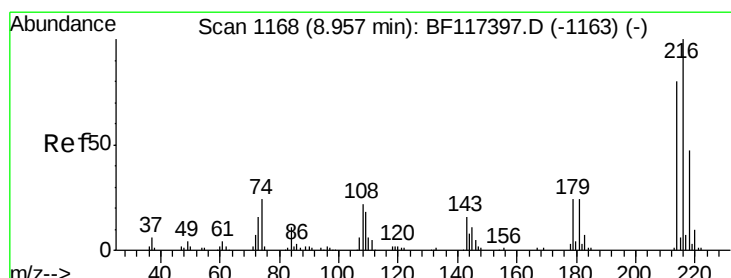
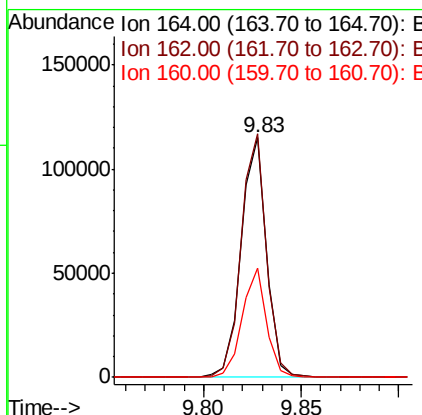
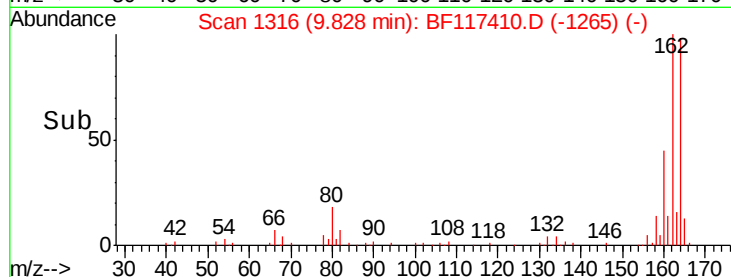
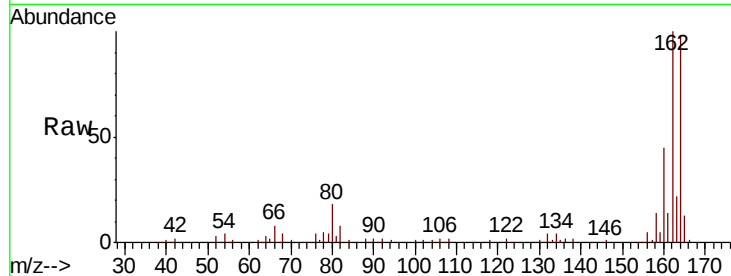
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB123985BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.4	123.6
160	45.6	35.4	53.0

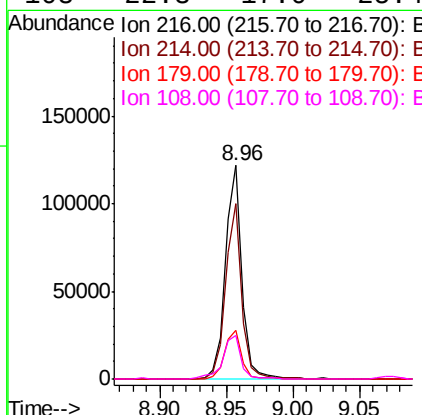
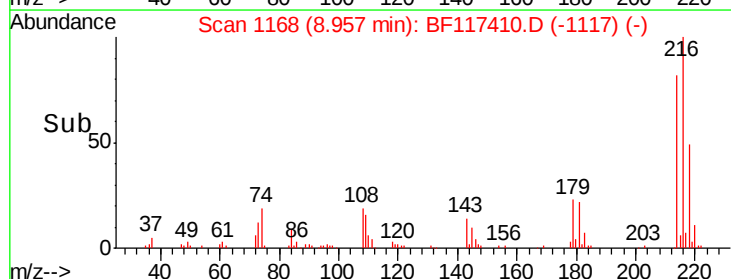
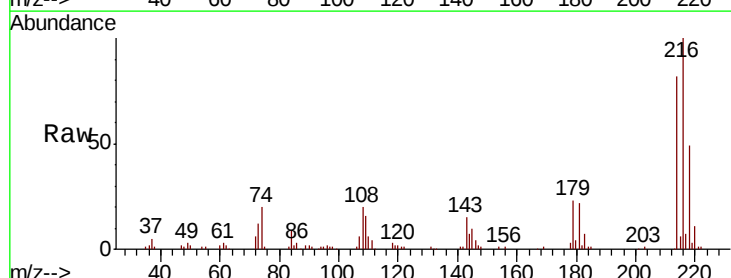
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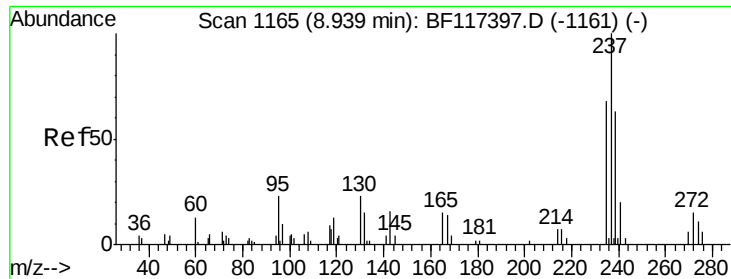
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.125 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.8	95.6
179	23.5	18.6	28.0
108	22.3	17.0	25.4





#41

Hexachlorocyclopentadiene

Concen: 70.636 ng

RT: 8.94 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF117410.D

Acq: 16 Oct 2019 13:46

Instrument :

BNA_F

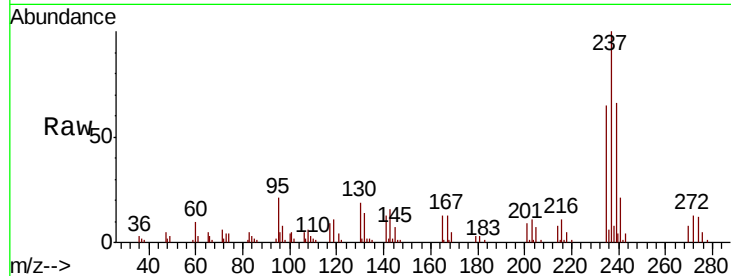
ClientSampleId :

PB123985BS

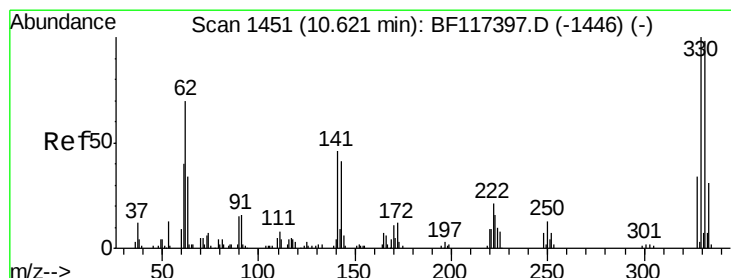
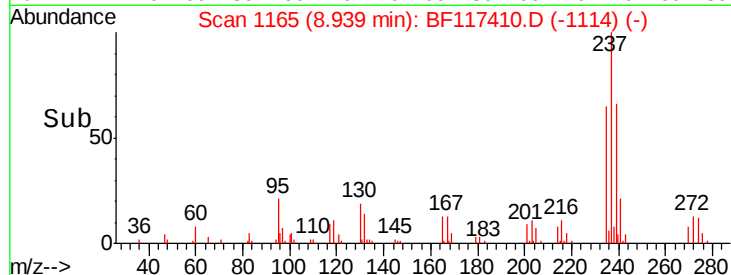
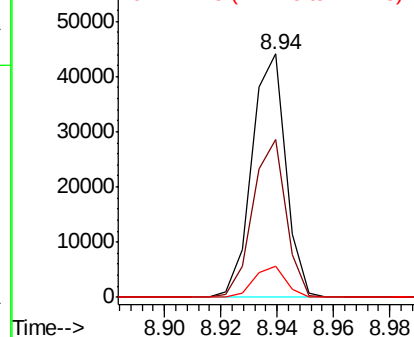
Tot Ion:	237	Resp:	36719
Ion Ratio	Lower	Upper	
237	100		
235	65.0	47.8	87.8
272	13.0	0.0	35.0

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 122.807 ng

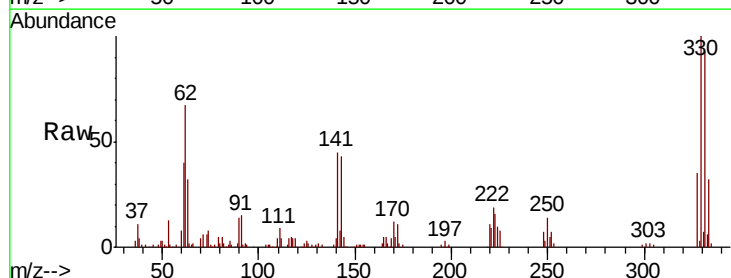
RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

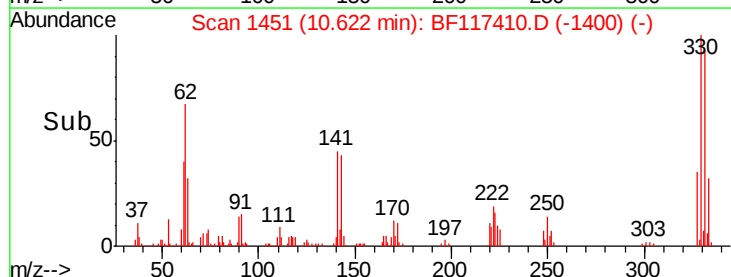
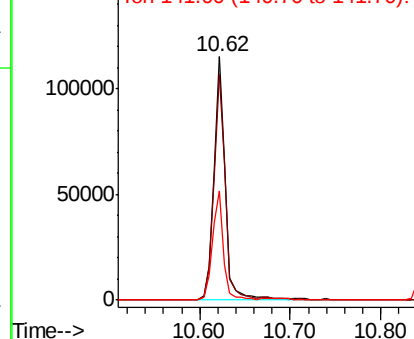
Lab File: BF117410.D

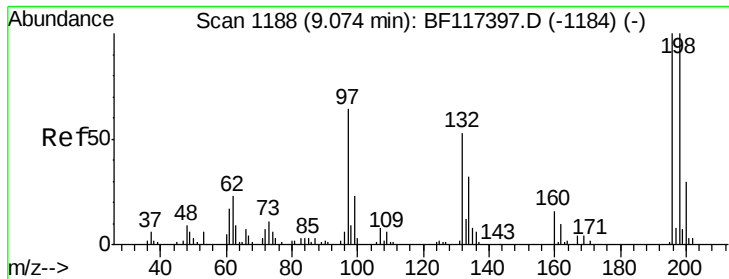
Acq: 16 Oct 2019 13:46

Tgt Ion:	330	Resp:	103383
Ion Ratio	Lower	Upper	
330	100		
332	93.9	75.0	112.6
141	43.2	34.2	51.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





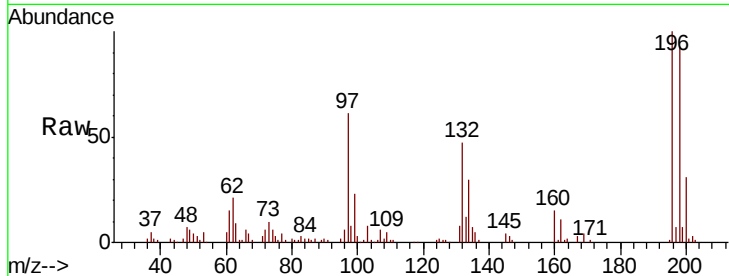
#43
 2,4,6-Trichlorophenol
 Concen: 41.705 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF117410.D
 Acq: 16 Oct 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB123985BS

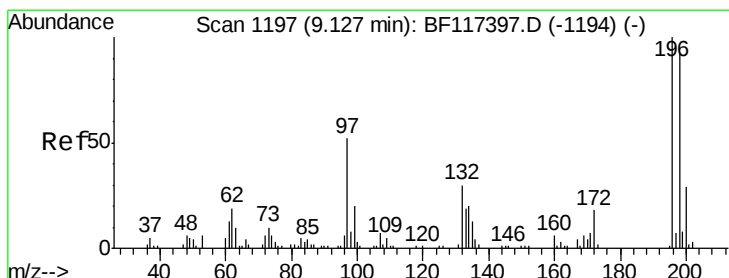
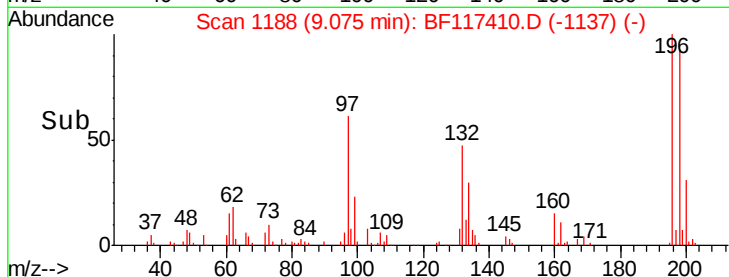
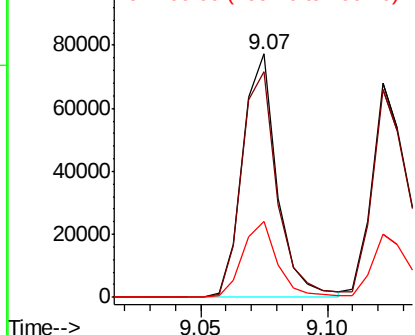
Tot Ion:	196	Resp:	73474
Ion	Ratio	Lower	Upper
196	100		
198	93.0	79.8	119.6
200	31.0	23.7	35.5

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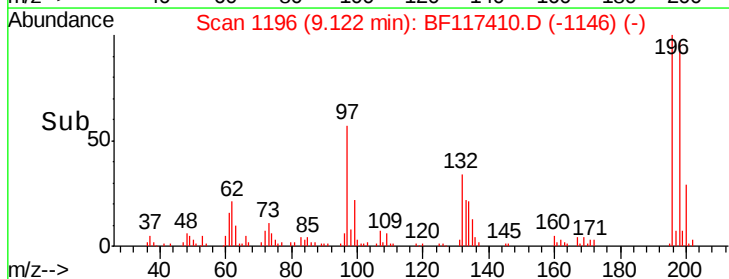
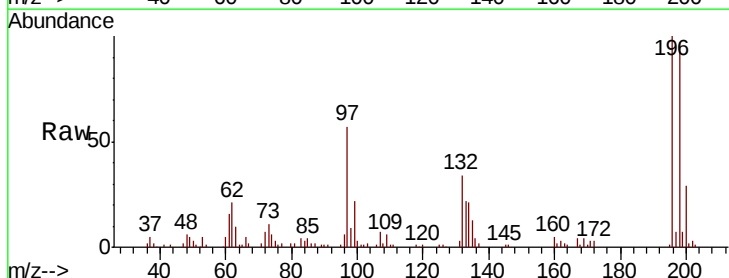
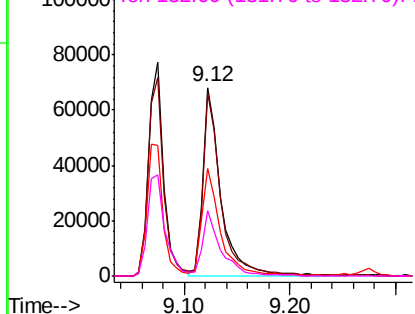
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

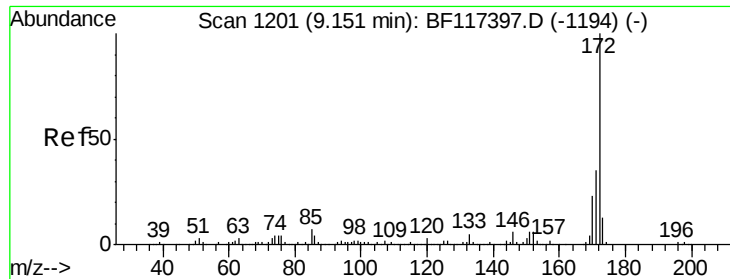


#44
 2,4,5-Trichlorophenol
 Concen: 45.361 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF117410.D
 Acq: 16 Oct 2019 13:46

Tgt Ion:	196	Resp:	81514
Ion	Ratio	Lower	Upper
196	100		
198	96.8	74.9	112.3
97	56.8	42.5	63.7
132	34.4	24.7	37.1

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





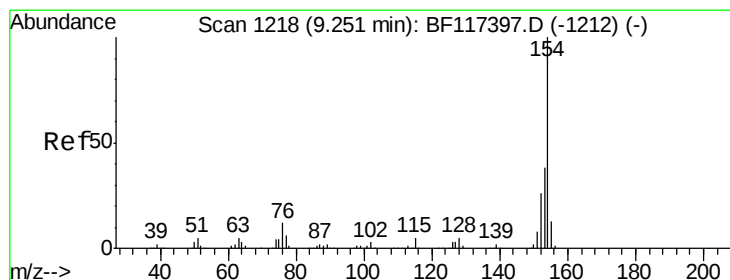
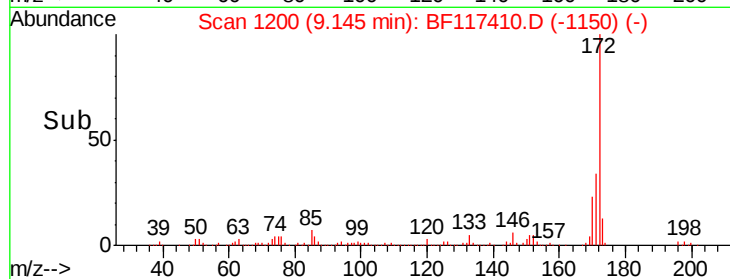
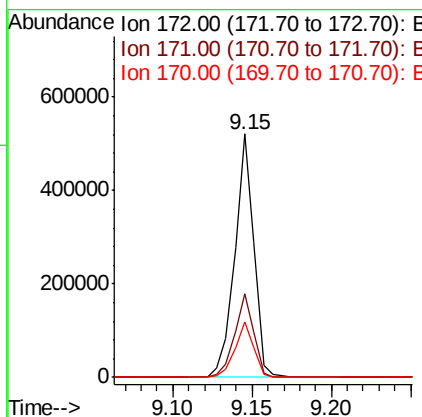
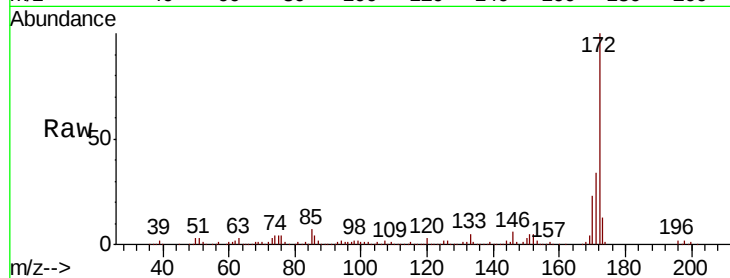
#45
2-Fluorobiphenyl
Concen: 61.216 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB123985BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.2	42.2
170	22.6	18.2	27.2

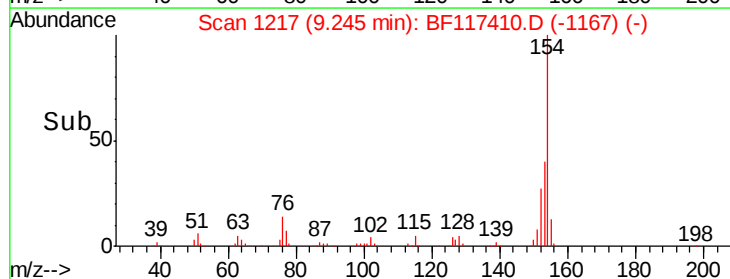
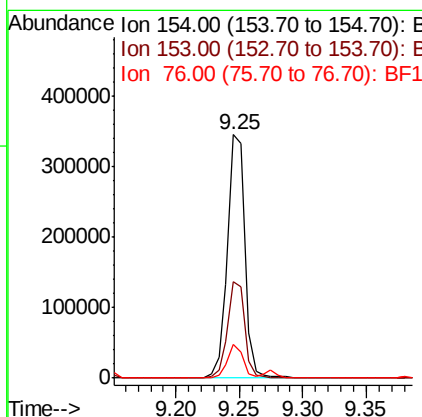
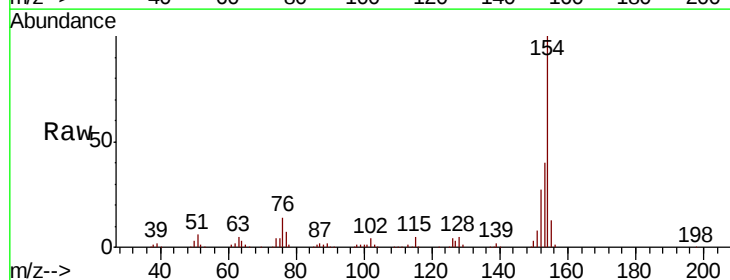
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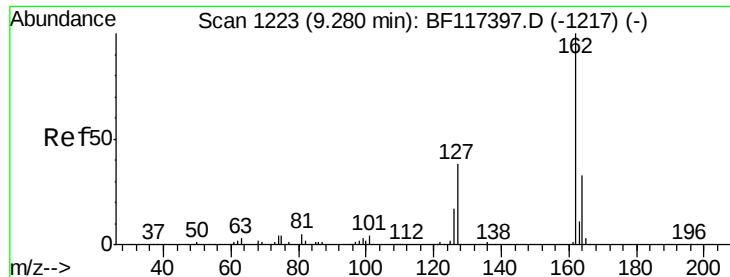
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#46
1,1'-Biphenyl
Concen: 39.060 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	18.3	58.3
76	13.7	0.0	32.3





#47

2-Chloronaphthalene

Concen: 38.597 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF117410.D

Acq: 16 Oct 2019 13:46

Instrument :

BNA_F

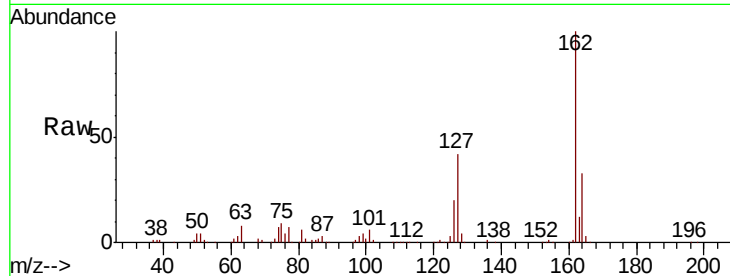
ClientSampleId :

PB123985BS

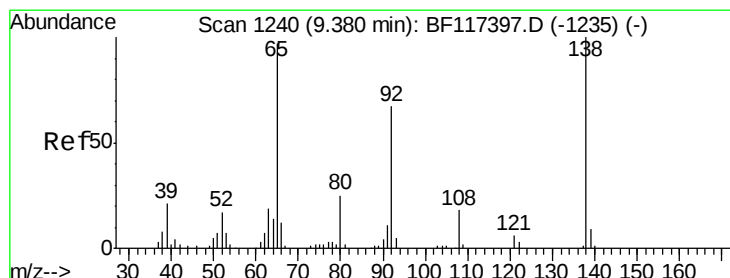
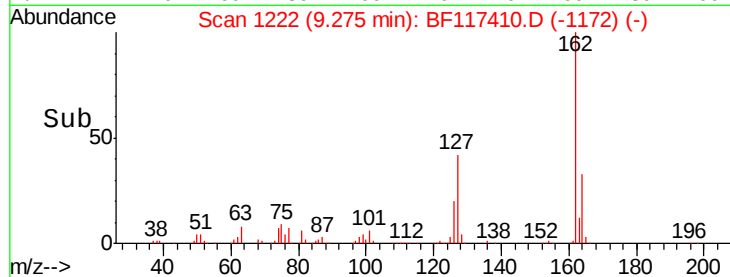
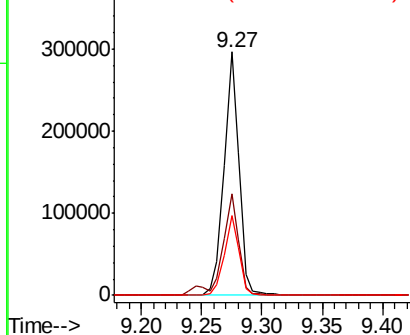
Tot Ion:	162	Resp:	254244
Ion Ratio		Lower	Upper
162	100		
127	42.0	32.6	48.8
164	32.6	26.2	39.4

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 39.931 ng

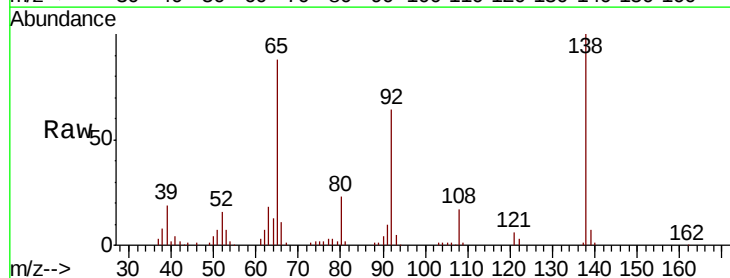
RT: 9.38 min Scan# 1240

Delta R.T. 0.00 min

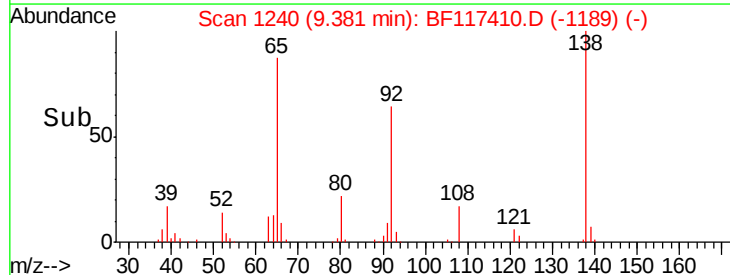
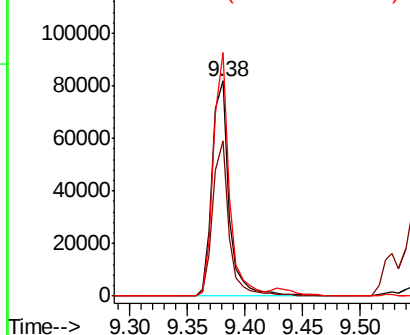
Lab File: BF117410.D

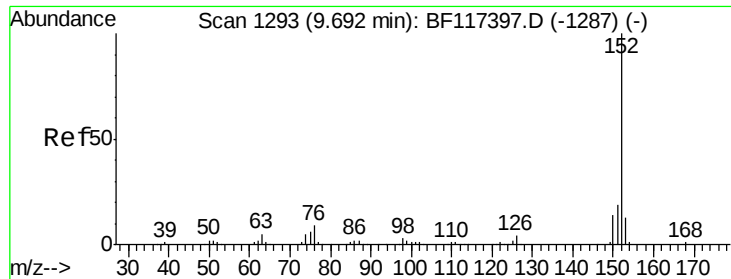
Acq: 16 Oct 2019 13:46

Tgt Ion:	65	Resp:	83924
Ion Ratio		Lower	Upper
65	100		
92	71.8	55.4	83.0
138	113.1	82.6	124.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.982 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF117410.D

Acq: 16 Oct 2019 13:46

Instrument :

BNA_F

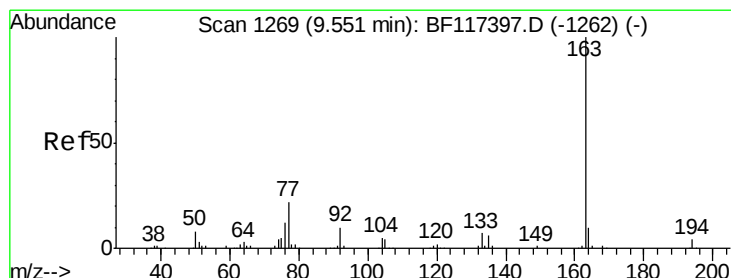
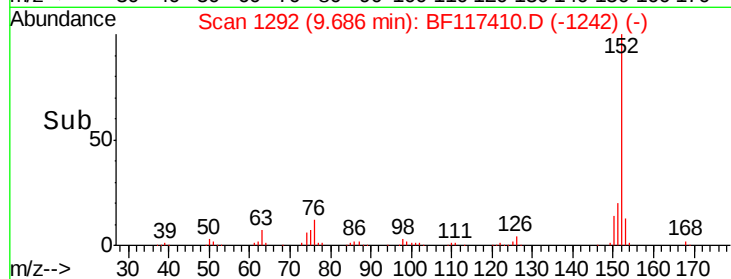
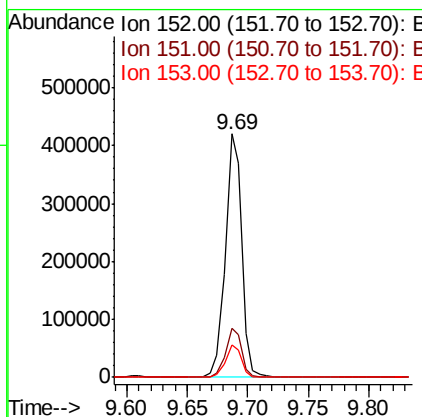
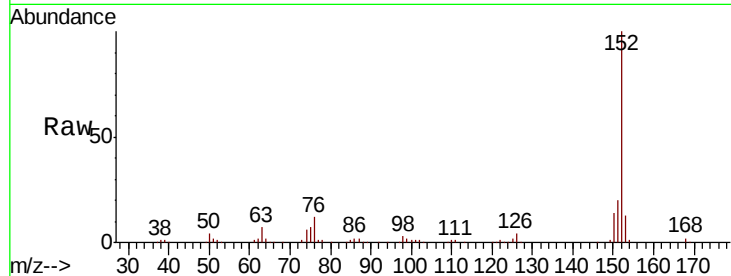
ClientSampleId :

PB123985BS

Tot Ion:	152	Resp:	395749
Ion Ratio	Lower	Upper	
152	100		
151	20.0	15.5	23.3
153	13.1	10.6	16.0

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#50

Dimethylphthalate

Concen: 40.616 ng

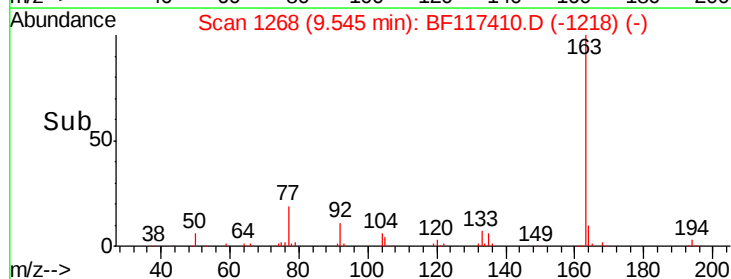
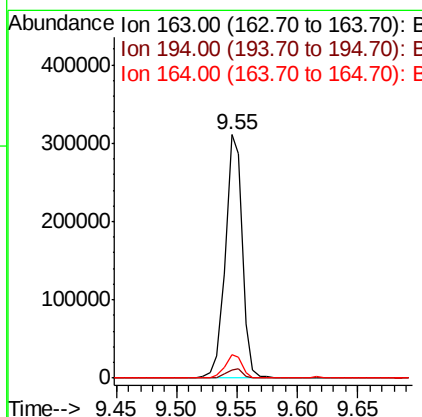
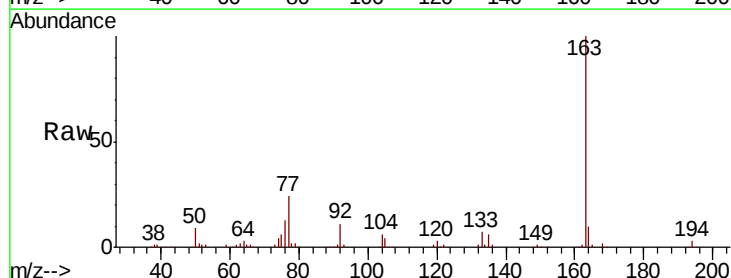
RT: 9.55 min Scan# 1268

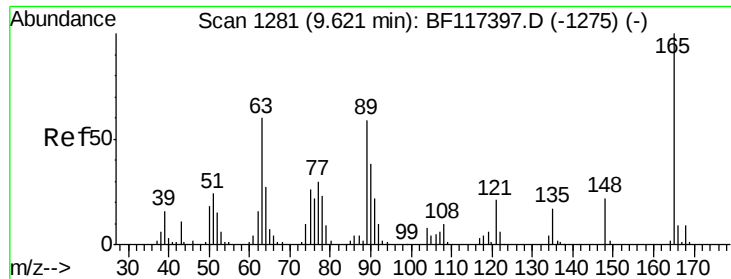
Delta R.T. -0.01 min

Lab File: BF117410.D

Acq: 16 Oct 2019 13:46

Tgt Ion:	163	Resp:	301715
Ion Ratio	Lower	Upper	
163	100		
194	3.5	3.1	4.7
164	9.9	8.0	12.0





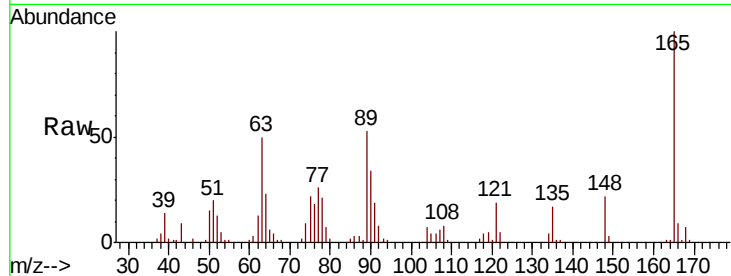
#51
2,6-Dinitrotoluene
Concen: 42.268 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB123985BS

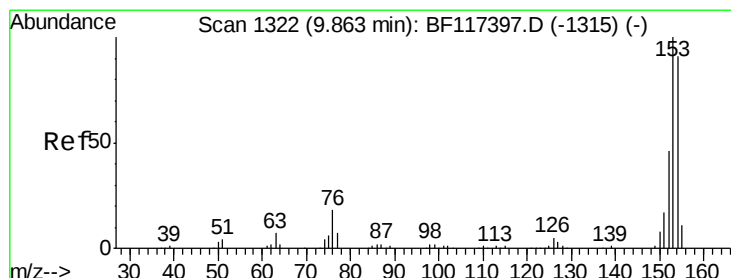
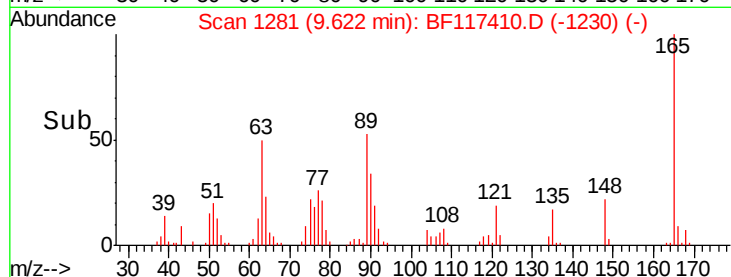
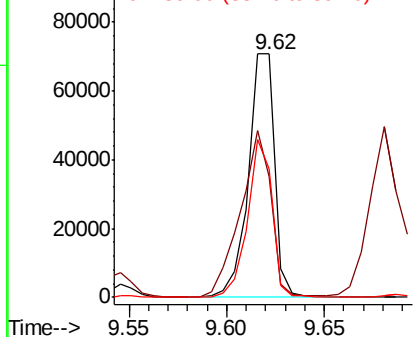
Tot Ion	Ratio	Resp	Lower	Upper
165	100	65998		
63	49.6		47.8	71.6
89	52.9		47.4	71.0

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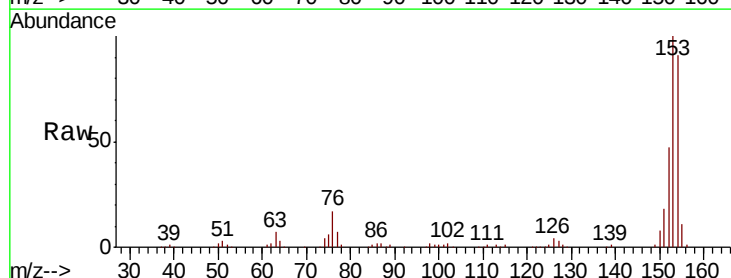


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

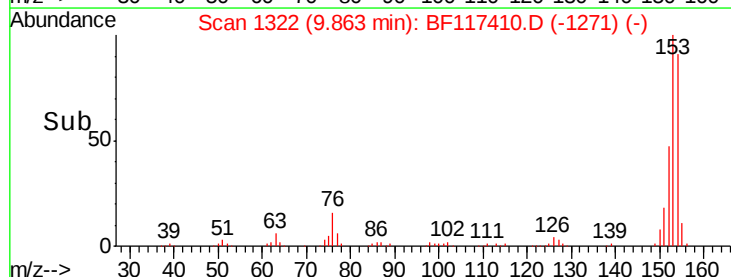
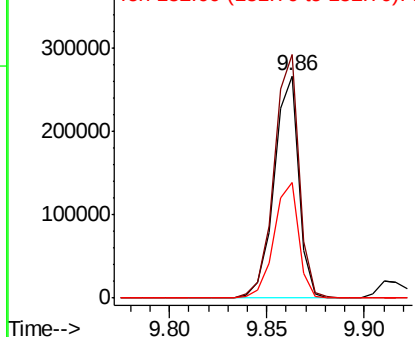


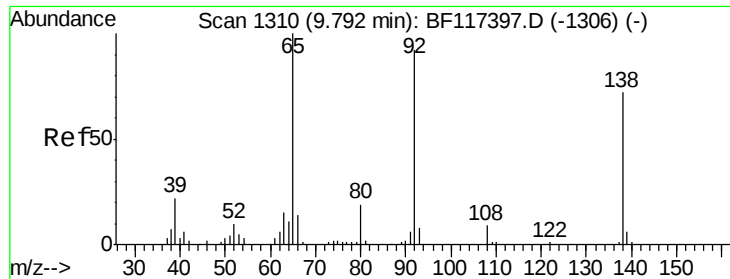
#52
Acenaphthene
Concen: 39.834 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	233740		
153	109.5		87.9	131.9
152	51.9		40.8	61.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





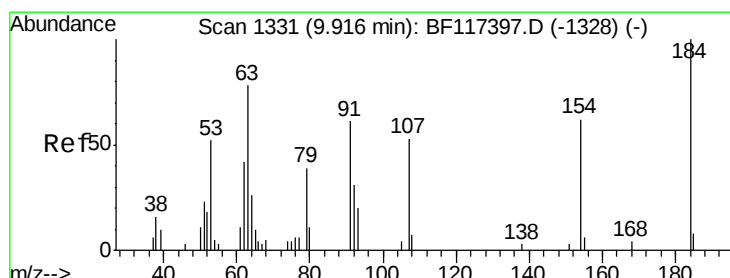
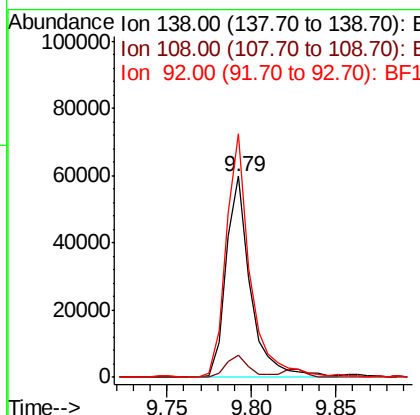
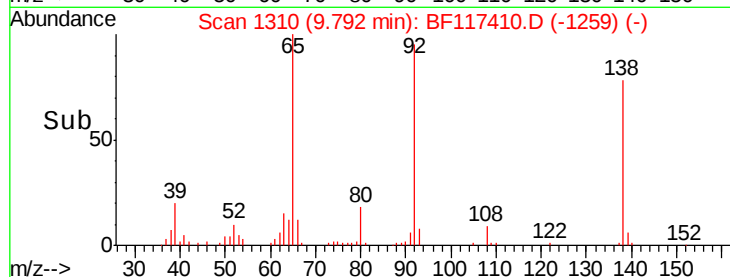
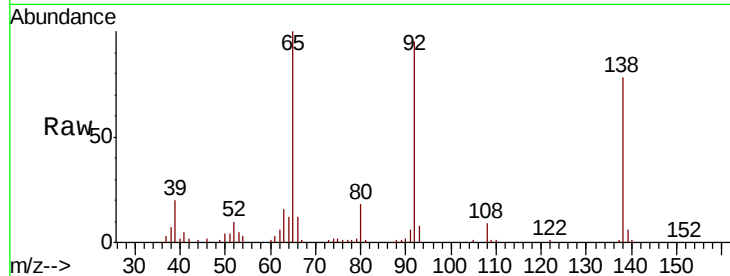
#53
3-Nitroaniline
Concen: 31.452 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB123985BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.5	14.3
92	121.1	102.2	153.4

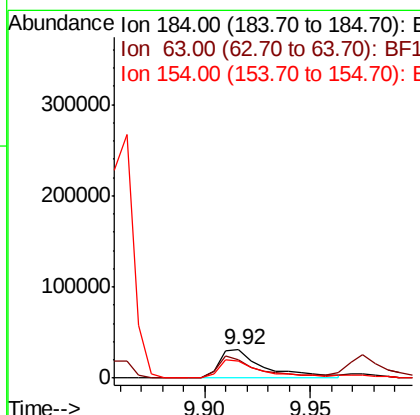
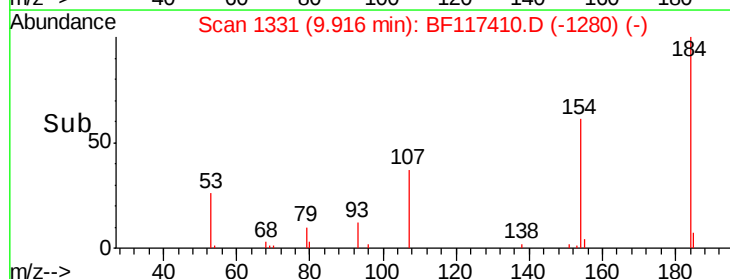
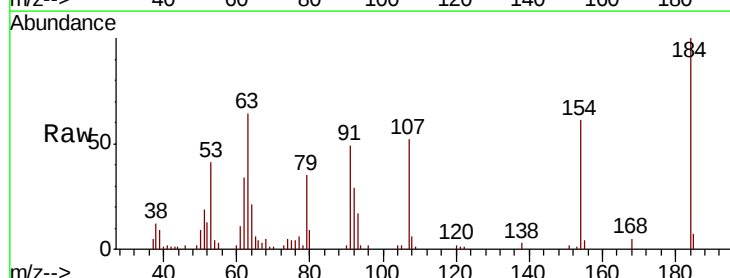
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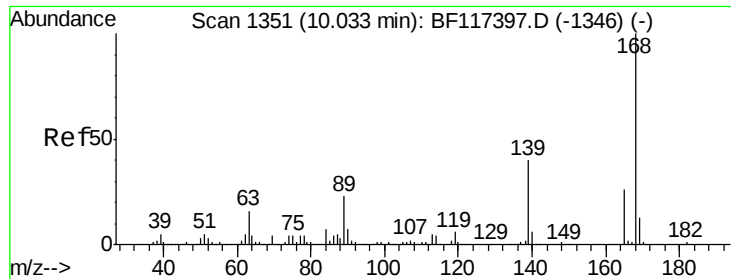
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#54
2,4-Dinitrophenol
Concen: 68.770 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.0	62.4	93.6
154	61.3	53.5	80.3





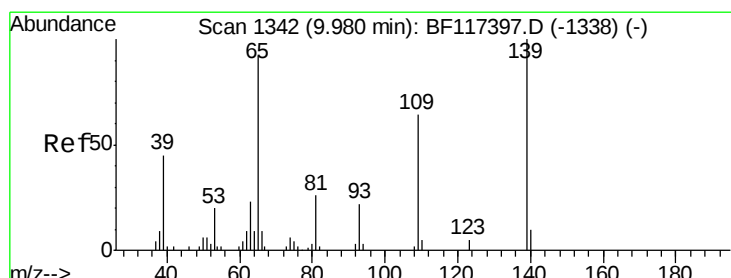
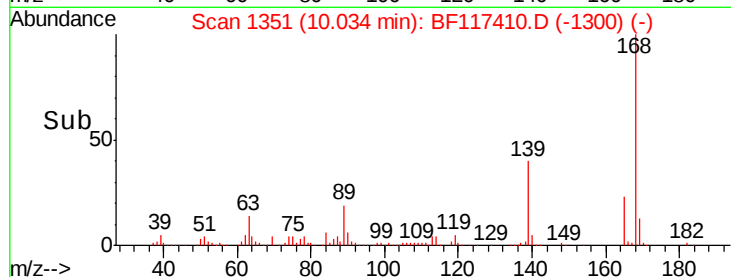
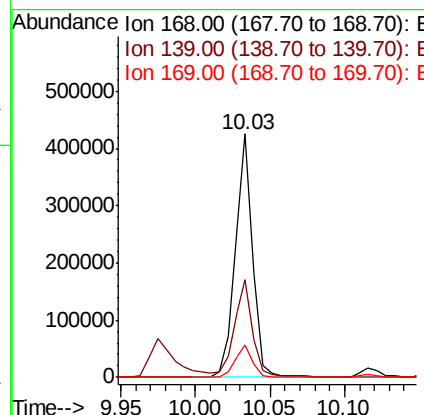
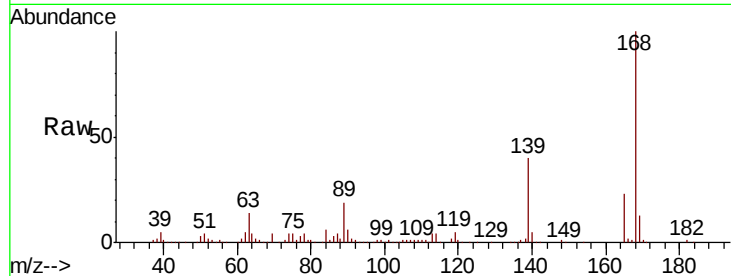
#55
Dibenzofuran
Concen: 41.155 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB123985BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	33.3	49.9
169	13.3	10.7	16.1

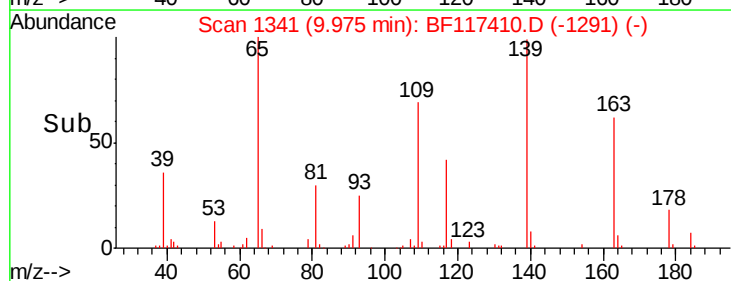
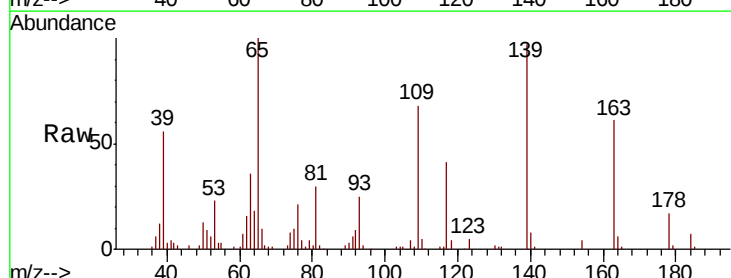
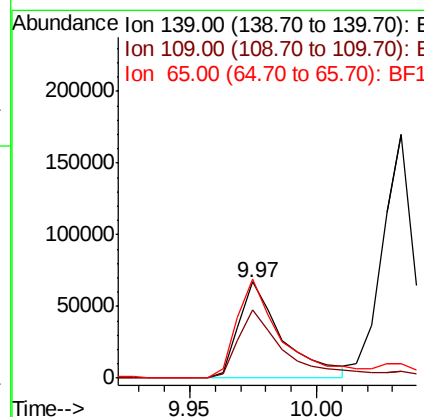
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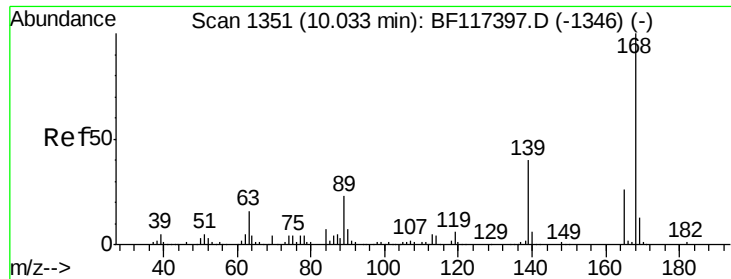
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#56
4-Nitrophenol
Concen: 93.008 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.4	43.8	83.8
65	103.6	73.9	113.9





#57

2,4-Dinitrotoluene

Concen: 43.594 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF117410.D

Acq: 16 Oct 2019 13:46

Instrument :

BNA_F

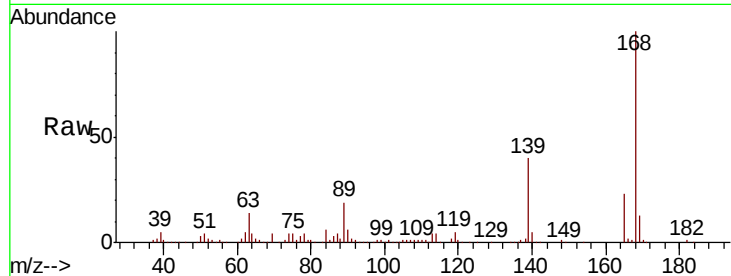
ClientSampleId :

PB123985BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	89815		
63	61.5	51.0	76.4	
89	84.2	70.7	106.1	
182	2.4	2.1	3.1	

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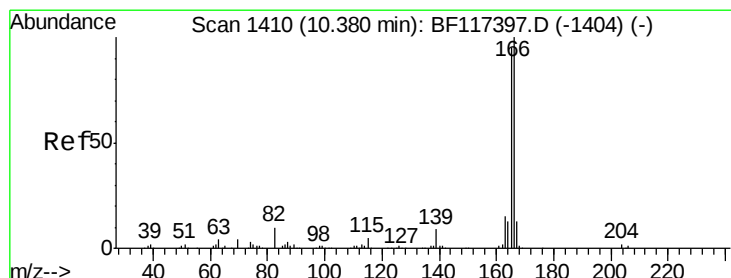
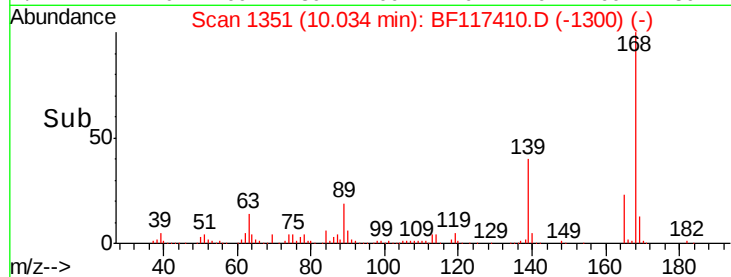
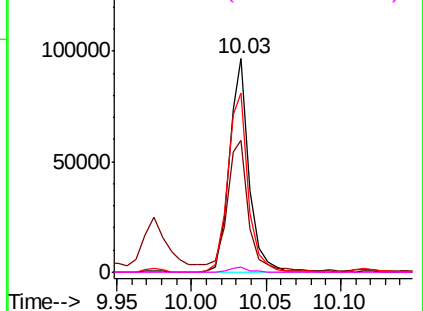


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.555 ng

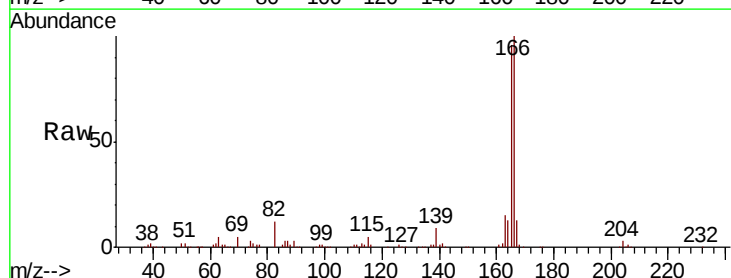
RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF117410.D

Acq: 16 Oct 2019 13:46

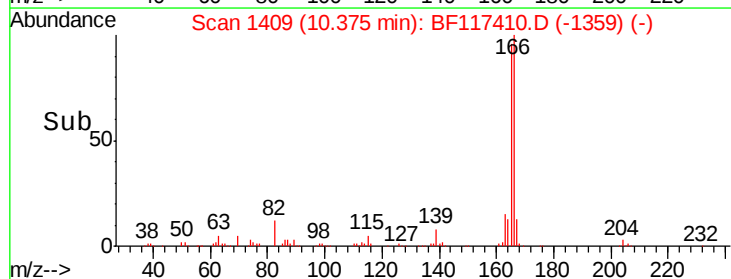
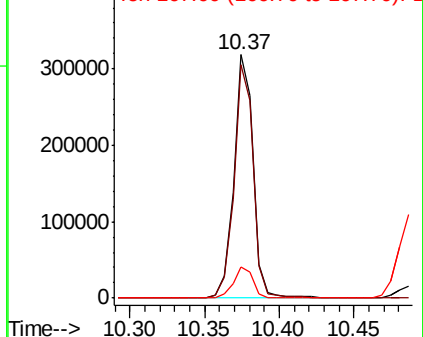
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	289040		
165	95.8	75.7	113.5	
167	12.9	10.4	15.6	

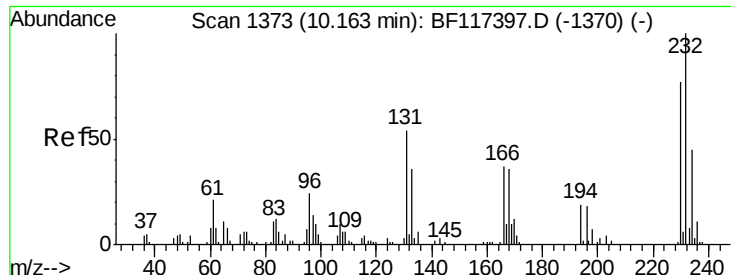


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





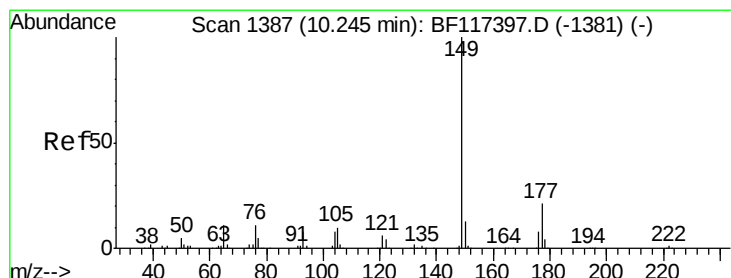
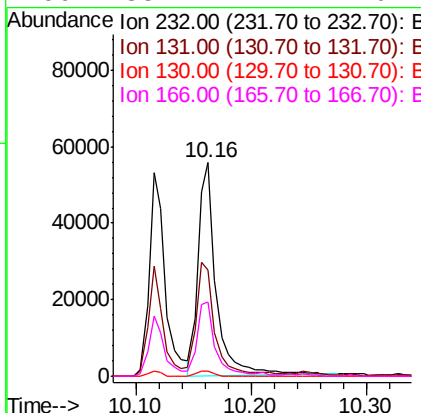
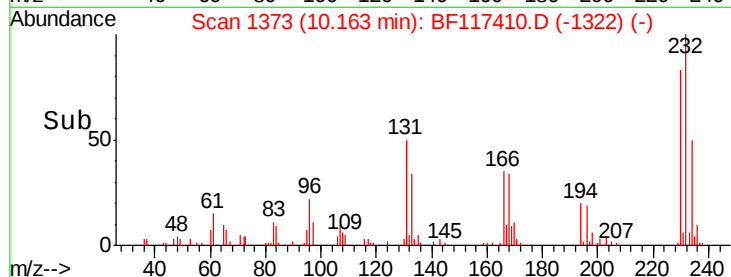
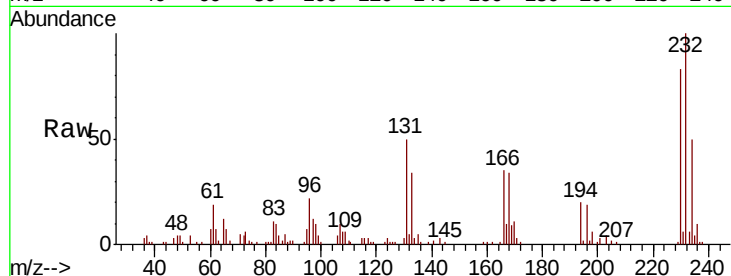
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.351 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB123985BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	61613		
131	56.1		44.5	66.7
130	2.4		2.0	3.0
166	33.4		27.1	40.7

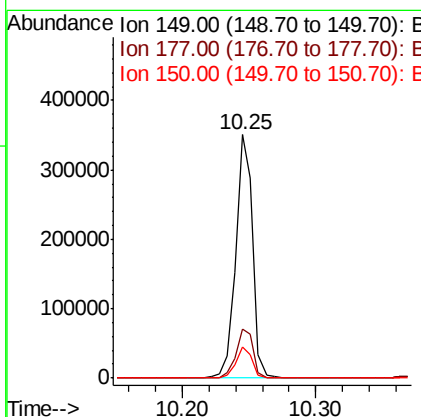
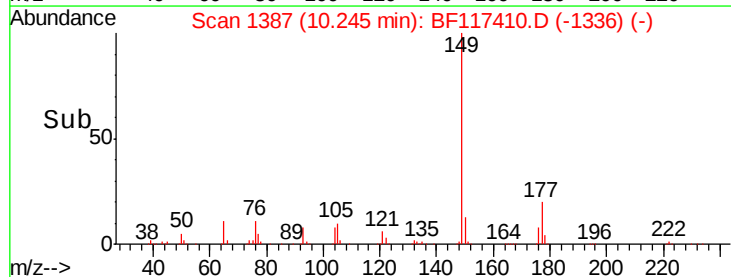
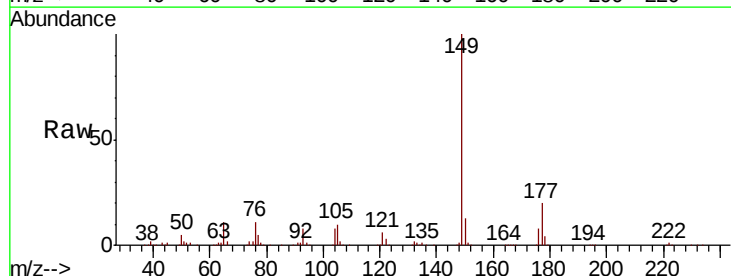
Manual Integrations
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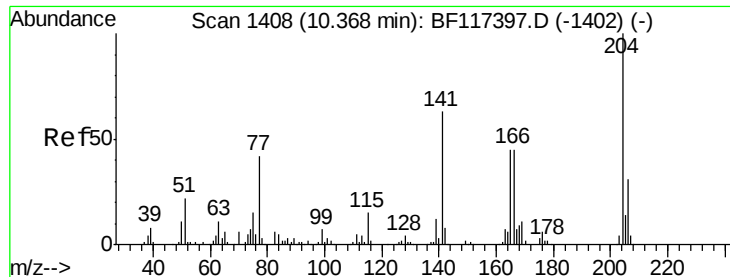
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#60
Diethylphthalate
Concen: 41.349 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	309619		
177	20.2		16.5	24.7
150	12.7		10.1	15.1





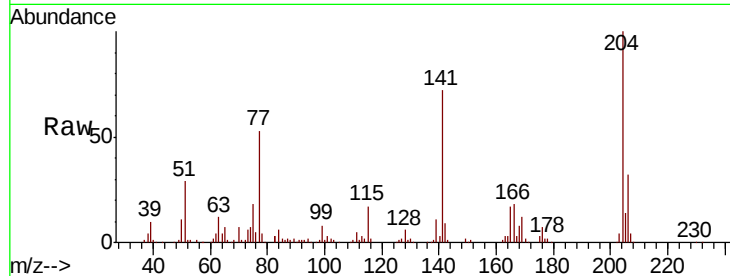
#61
4-Chlorophenyl-phenylether
Concen: 40.511 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB123985BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.0	25.0	37.4
141	71.7	50.7	76.1

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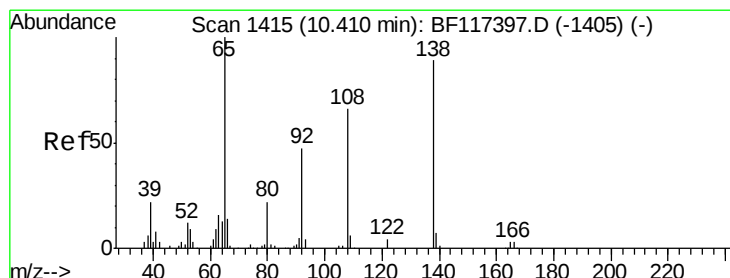
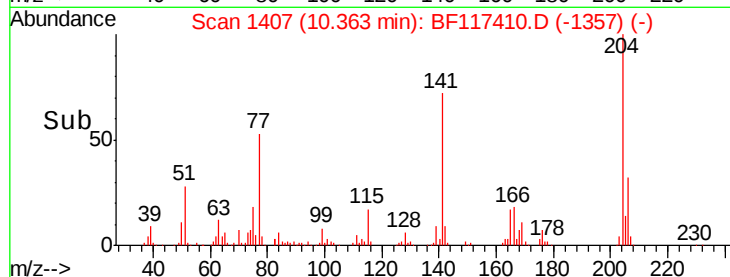
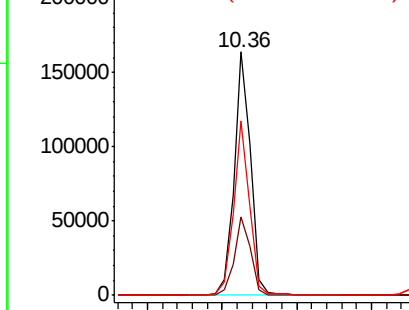


Abundance

Ion 204.00 (203.70 to 204.70): E

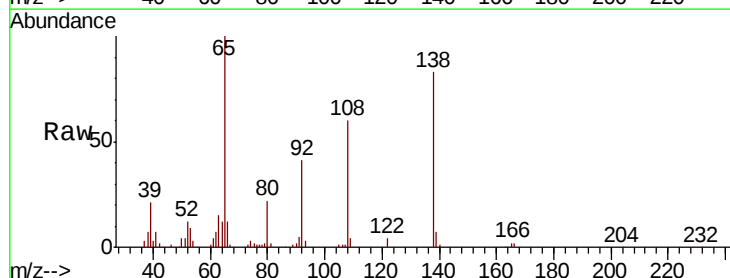
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 37.935 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.0	32.4	72.4
108	72.6	53.8	93.8

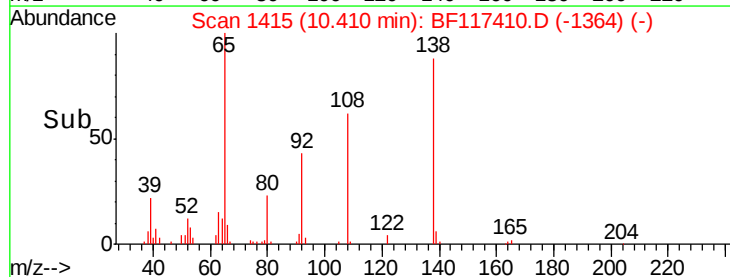
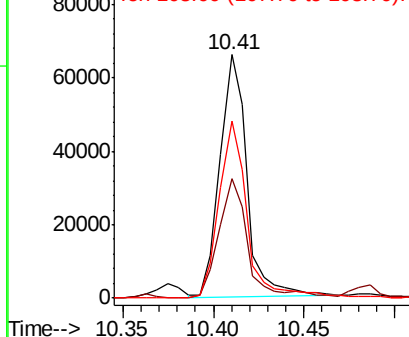


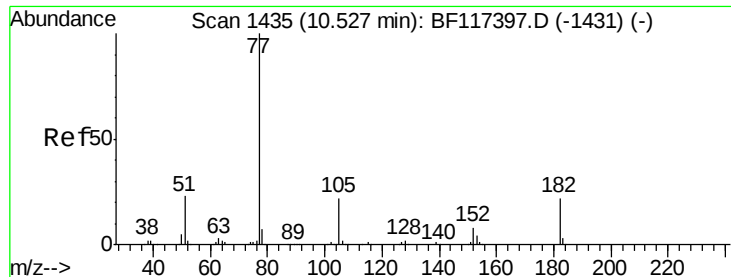
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





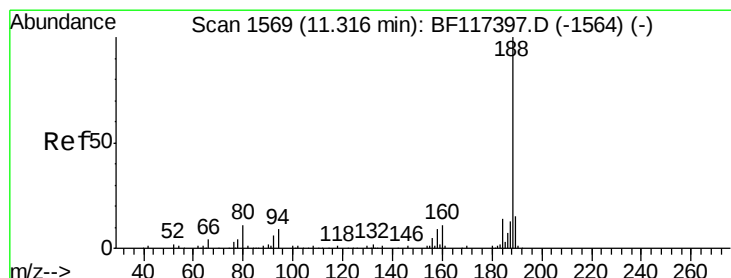
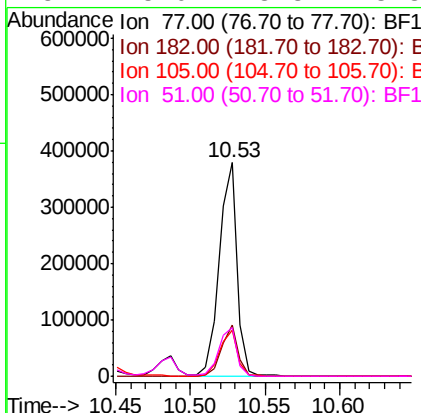
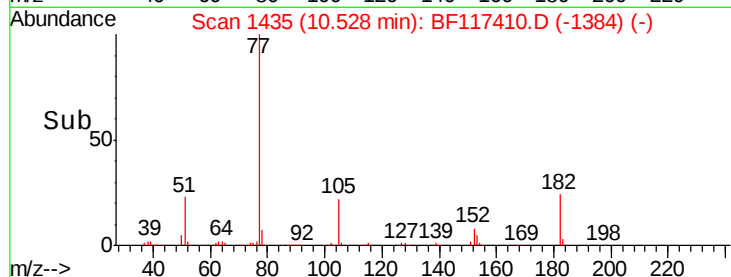
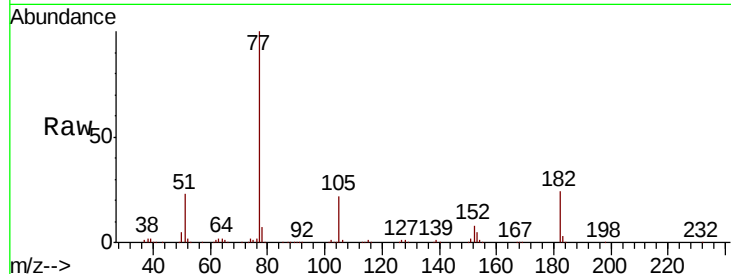
#63
Azobenzene
Concen: 41.347 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB123985BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.7	1.5	41.5
105	21.7	1.8	41.8
51	23.0	3.3	43.3

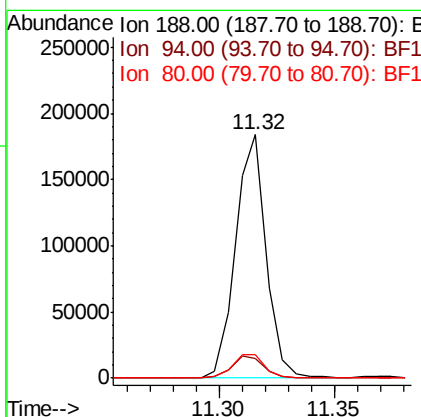
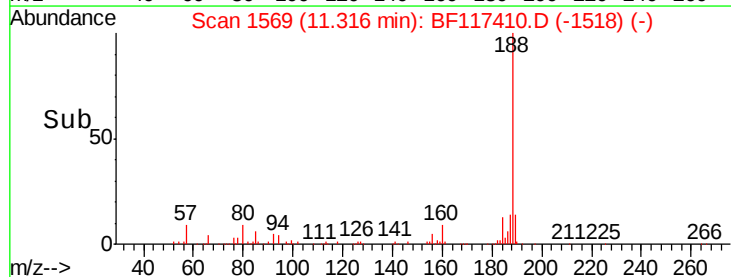
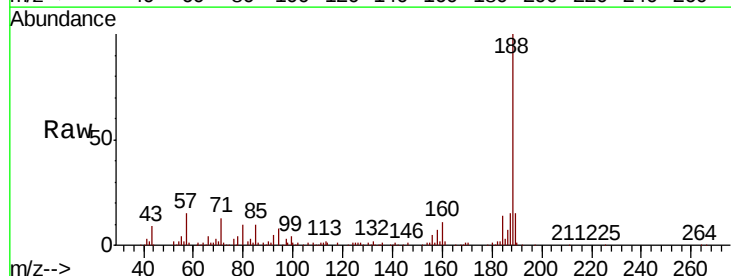
Manual Integrations
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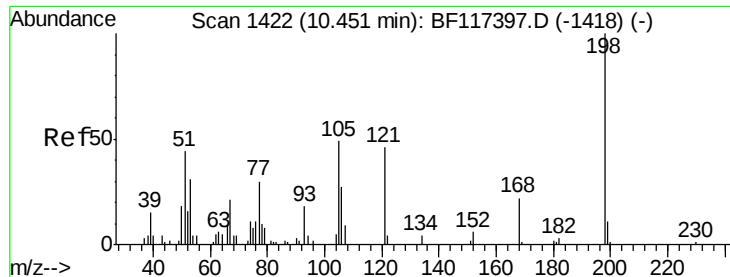
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.5	11.3
80	9.5	8.7	13.1





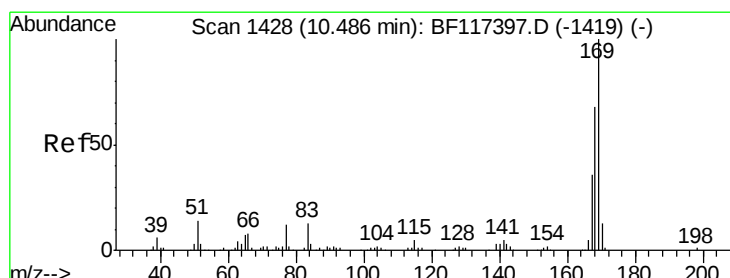
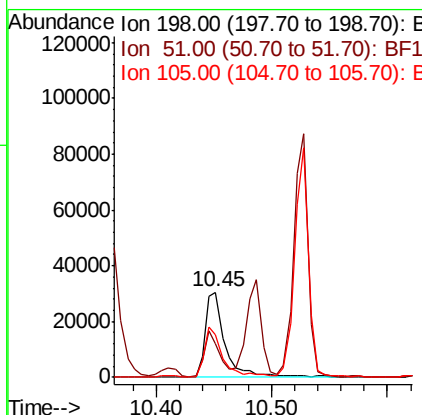
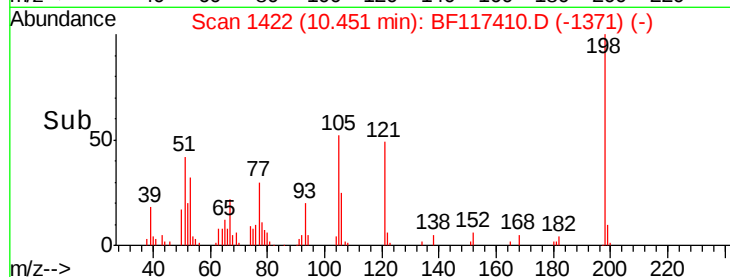
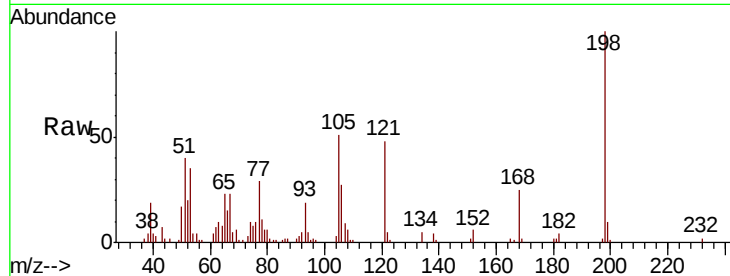
#65
4,6-Dinitro-2-methylphenol
Concen: 41.075 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB123985BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	40.3	25.9	65.9
105	50.8	29.4	69.4

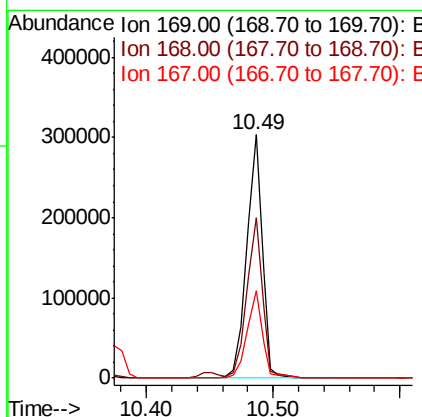
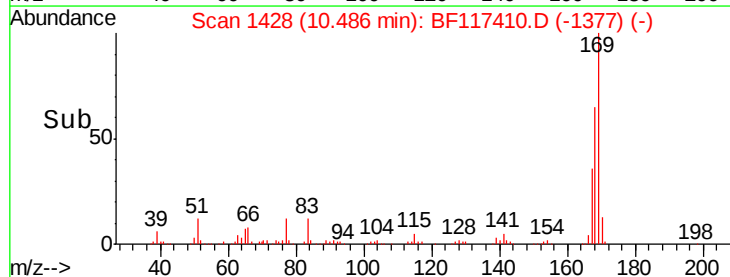
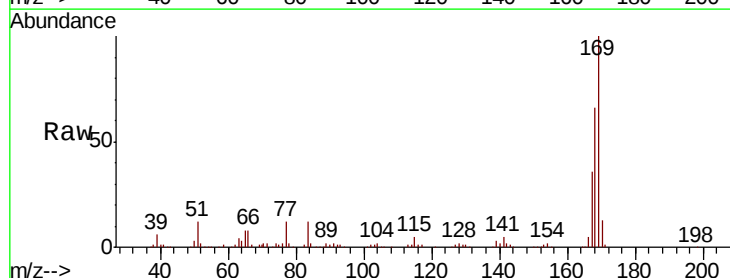
Manual Integrations
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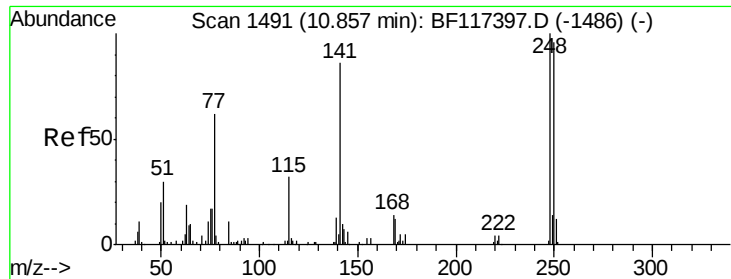
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#66
n-Nitrosodiphenylamine
Concen: 40.734 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.8	54.1	81.1
167	35.9	28.8	43.2





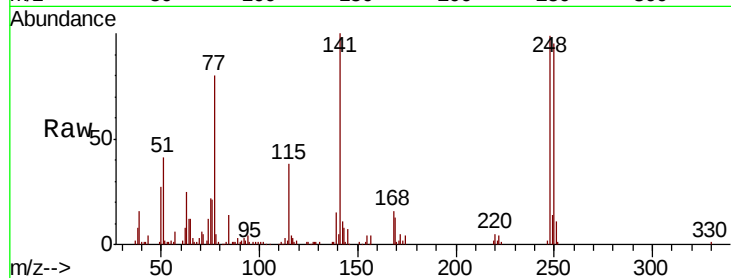
#67
4-Bromophenyl-phenylether
Concen: 38.533 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB123985BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.7	77.1	115.7
141	101.2	69.1	103.7

Manual Integrations
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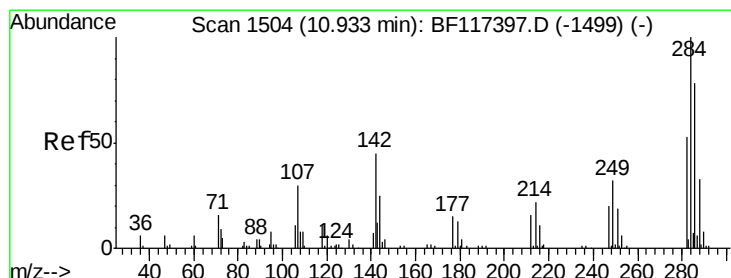
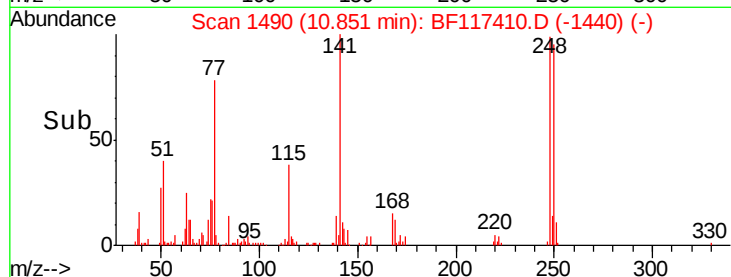
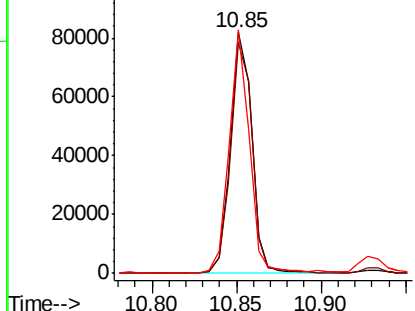


Abundance

Ion 248.00 (247.70 to 248.70): E

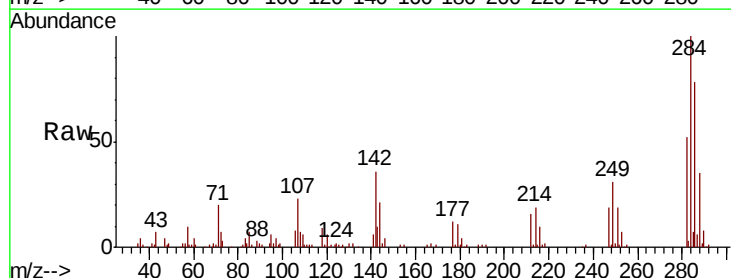
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.247 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.2	35.7	53.5
249	30.7	25.8	38.6

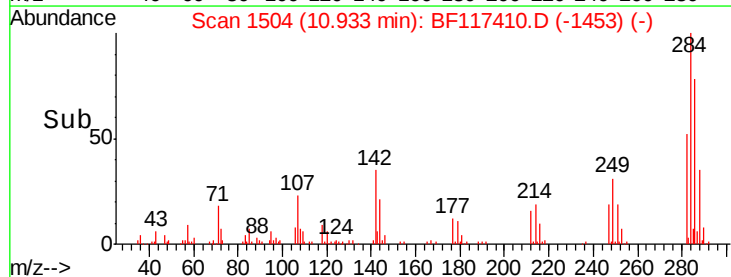
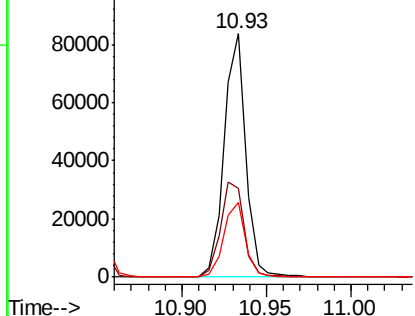


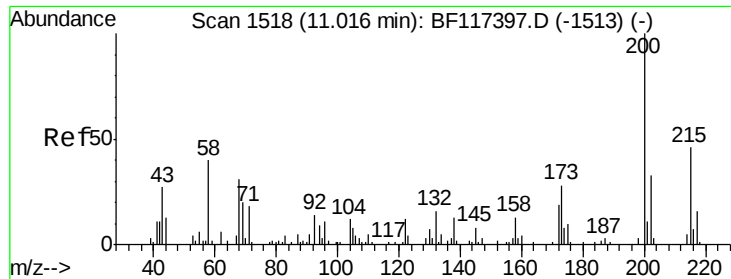
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





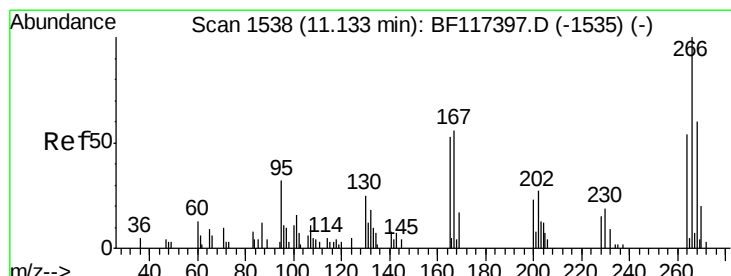
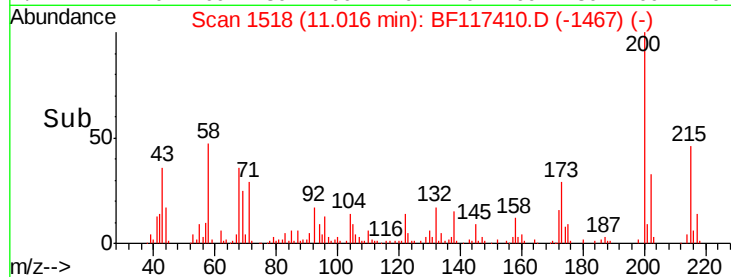
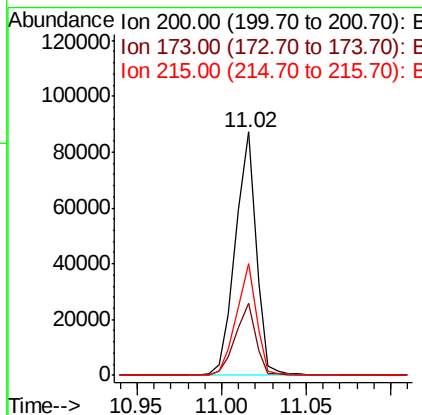
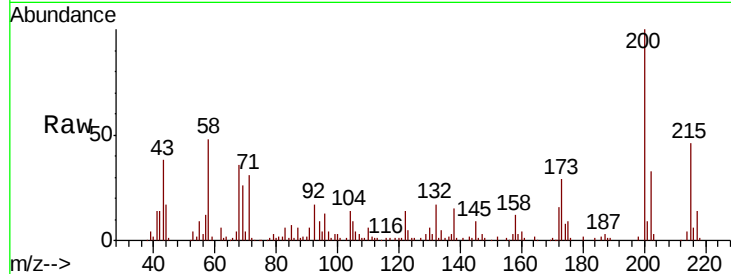
#69
Atrazine
Concen: 73.102 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampled :
PB123985BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.5	8.0	48.0
215	45.9	25.8	65.8

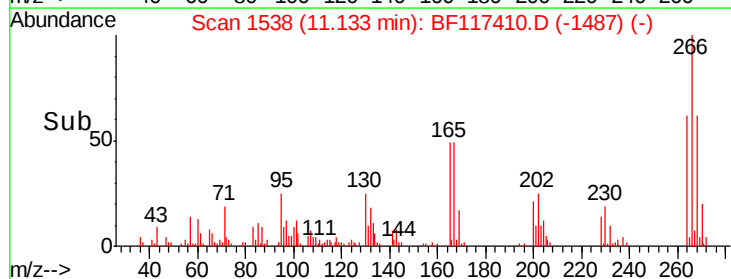
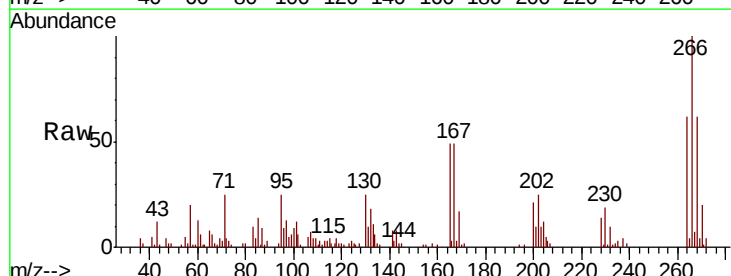
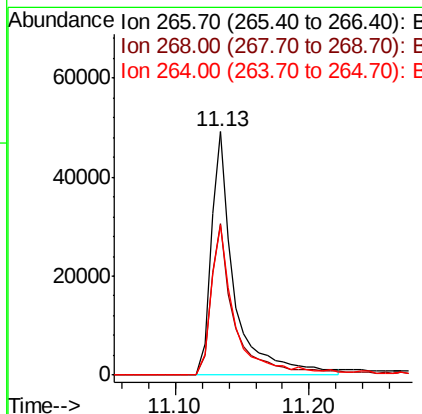
Manual Integrations
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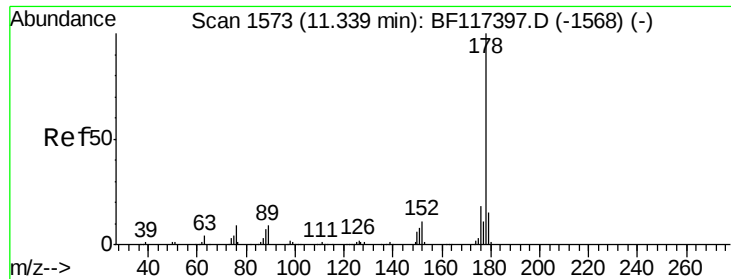
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#70
Pentachlorophenol
Concen: 99.287 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.0	47.8	71.6
264	61.9	42.9	64.3





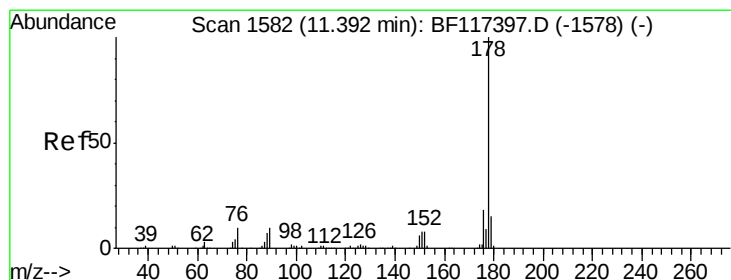
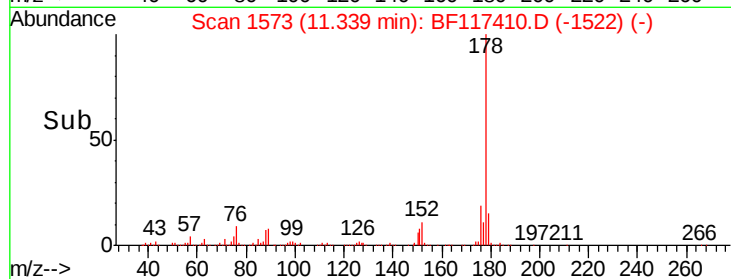
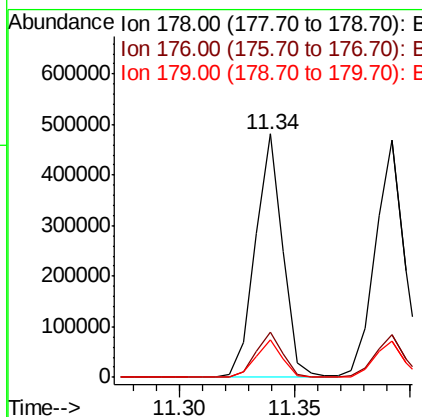
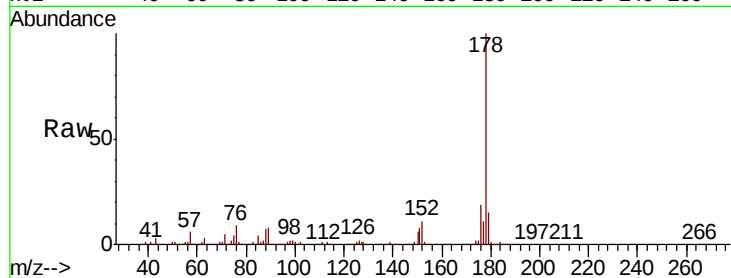
#71
Phenanthrene
Concen: 39.910 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB123985BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	22.0
179	15.5	12.3	18.5

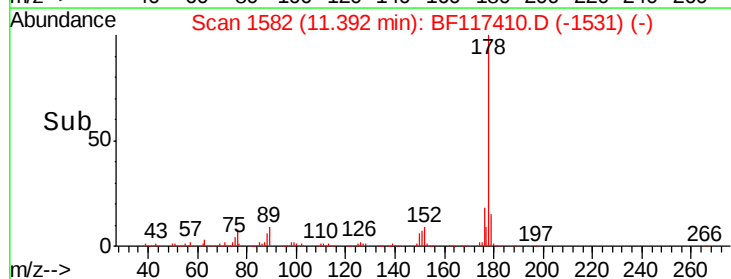
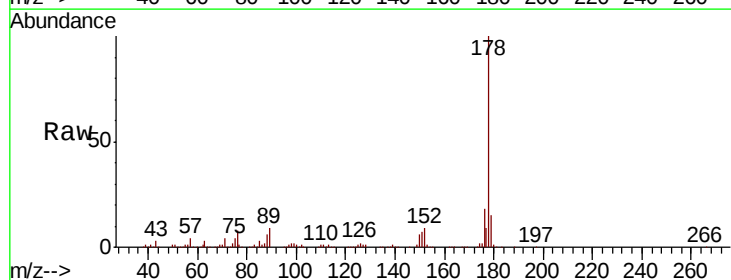
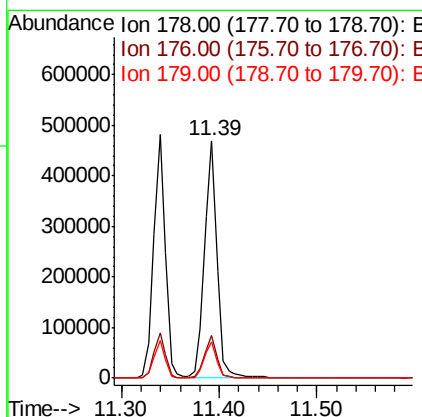
Manual Integrations
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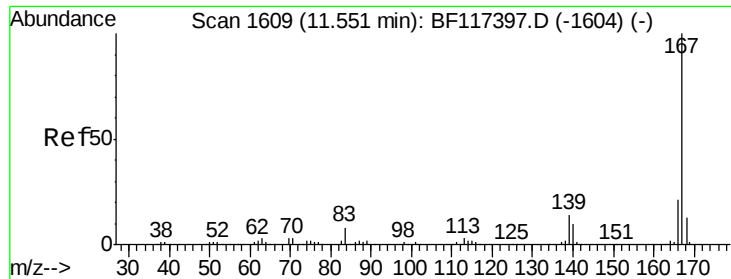
mohammad
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#72
Anthracene
Concen: 40.658 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.4	21.6
179	15.3	12.1	18.1





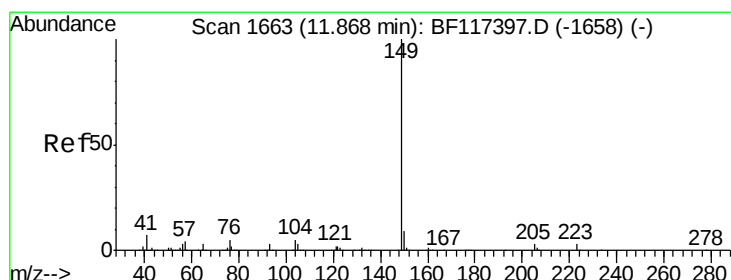
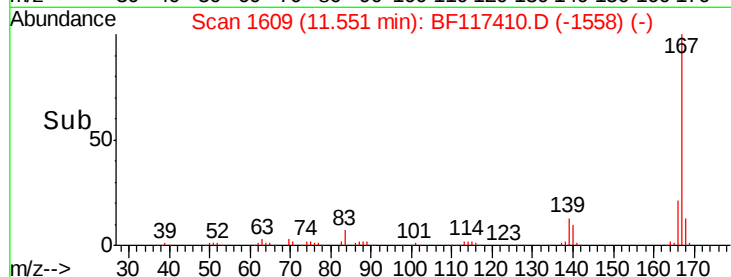
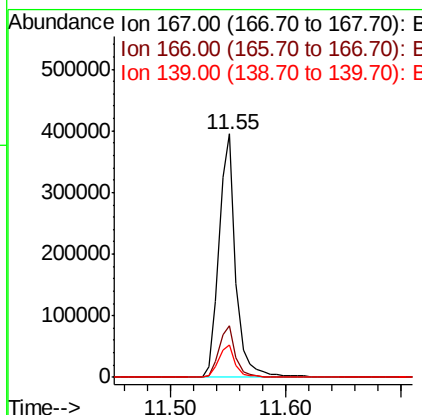
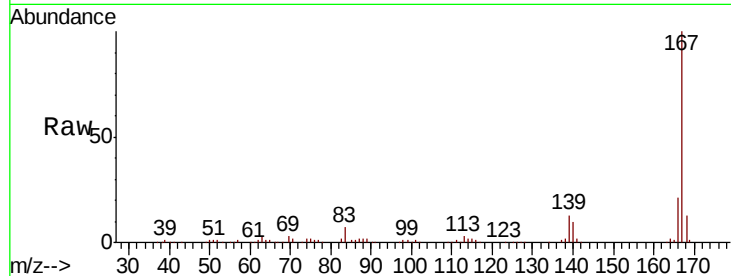
#73
 Carbazole
 Concen: 42.295 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF117410.D
 Acq: 16 Oct 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB123985BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100				
166	21.3	17.0	25.4		
139	13.1	10.8	16.2		

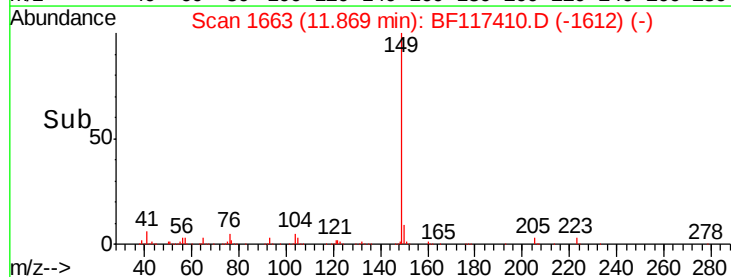
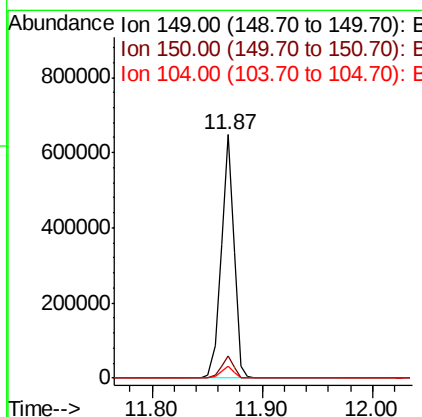
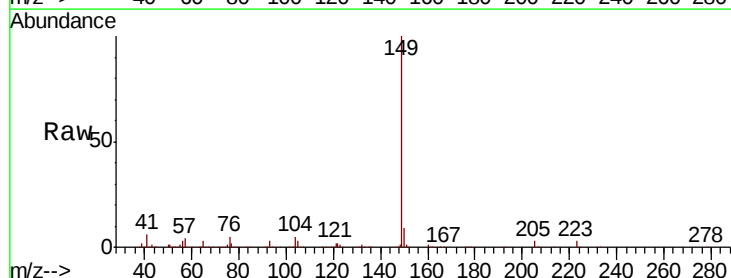
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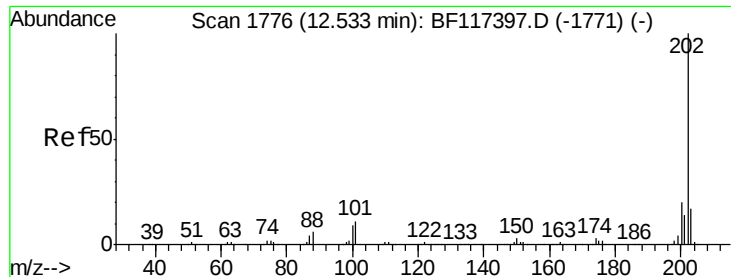
mohammad
 10/18/2019 8:26:27 AM



#74
 Di-n-butylphthalate
 Concen: 41.039 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BF117410.D
 Acq: 16 Oct 2019 13:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
150	9.1	7.0	10.6		
104	5.0	4.2	6.2		





#75

Fluoranthene

Concen: 43.732 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BF117410.D

Acq: 16 Oct 2019 13:46

Instrument :

BNA_F

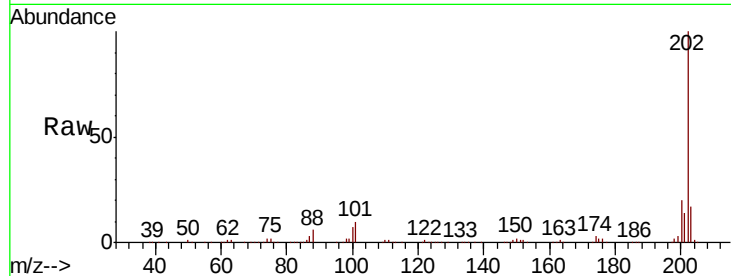
ClientSampleId :

PB123985BS

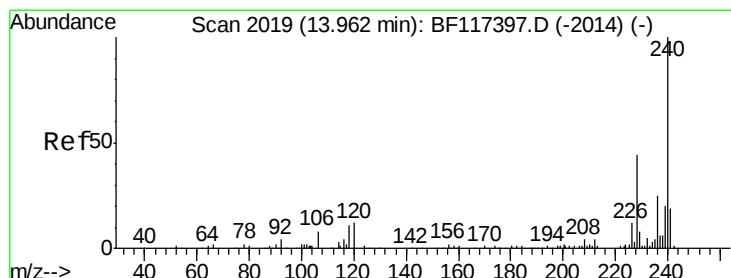
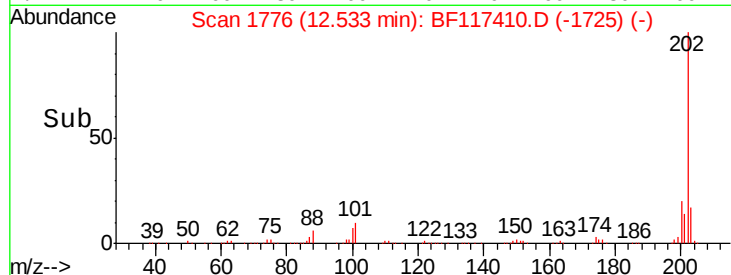
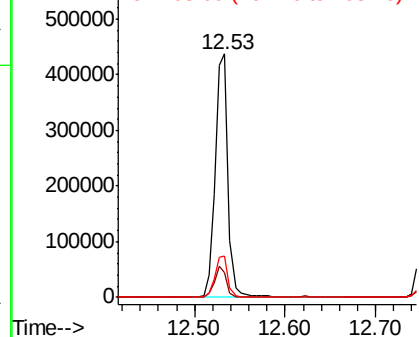
Tot Ion	Ratio	Resp	Lower	Upper
202	100	435737		
101	10.2	0.0	31.3	
203	17.0	0.0	36.9	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

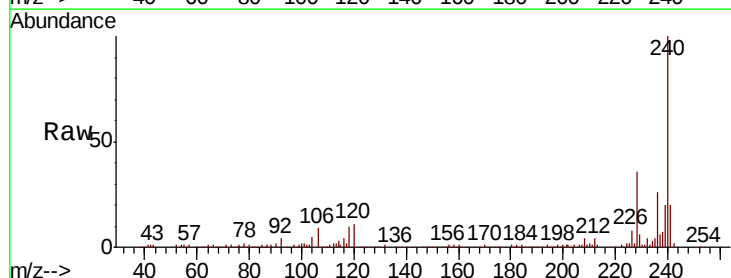
RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

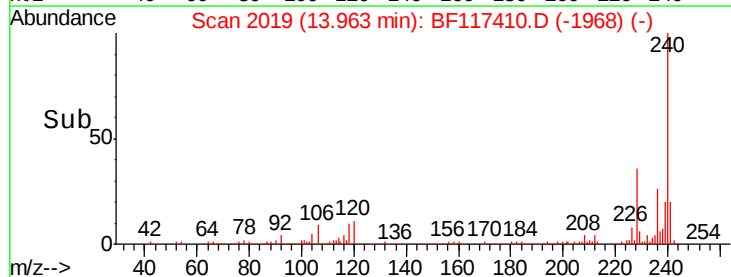
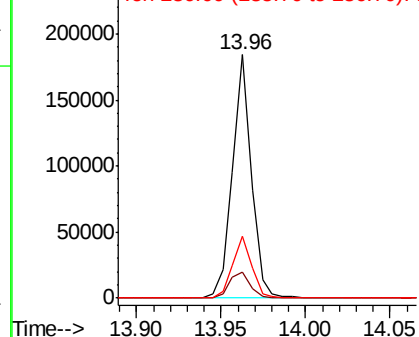
Lab File: BF117410.D

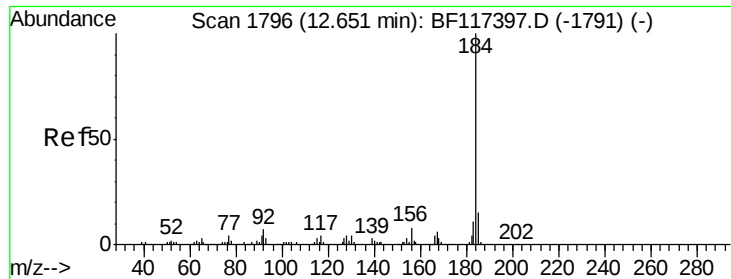
Acq: 16 Oct 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	143337		
120	10.9	9.4	14.0	
236	25.6	19.8	29.6	



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.711 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF117410.D

Acq: 16 Oct 2019 13:46

Instrument :

BNA_F

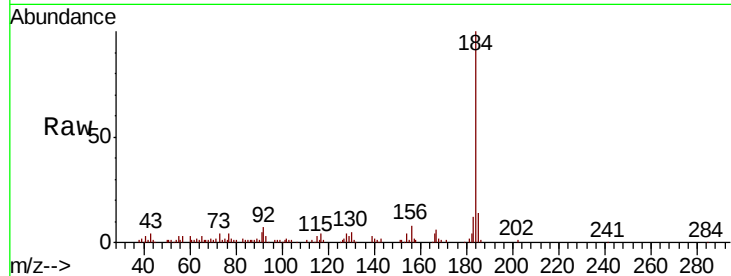
ClientSampleId :

PB123985BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.6	12.2	18.2
183	11.8	8.9	13.3

Manual Integrations
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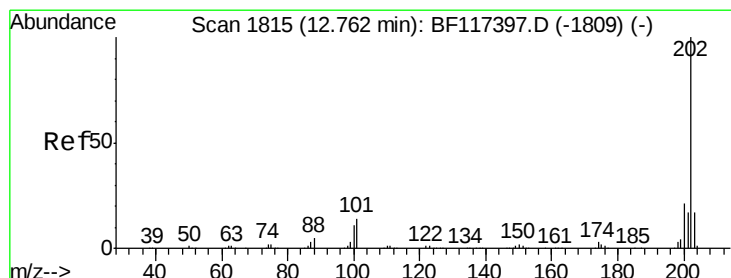
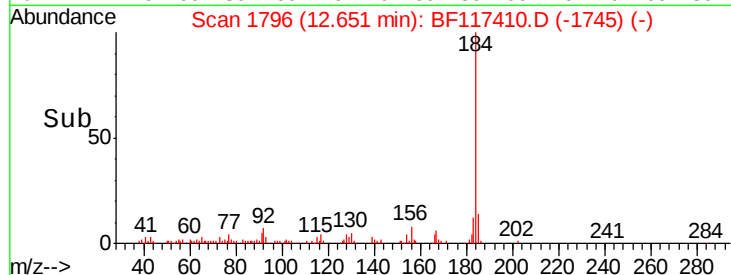
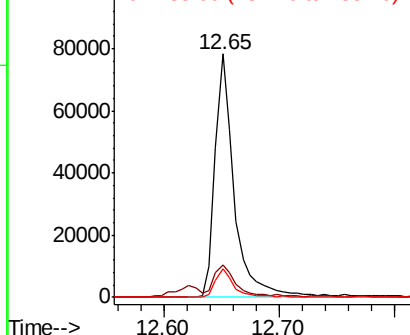


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.159 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF117410.D

Acq: 16 Oct 2019 13:46

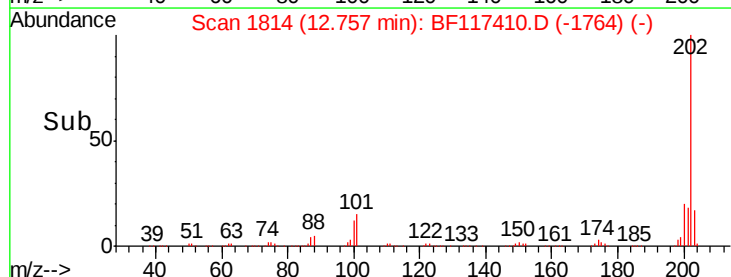
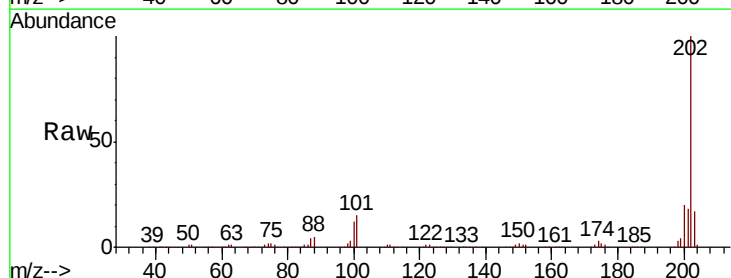
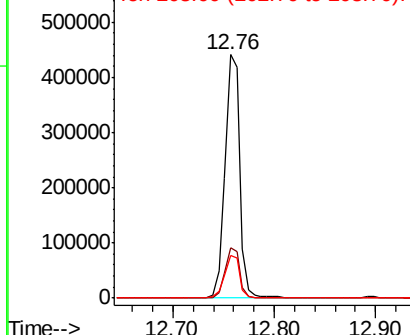
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.8	25.2
203	17.4	14.0	21.0

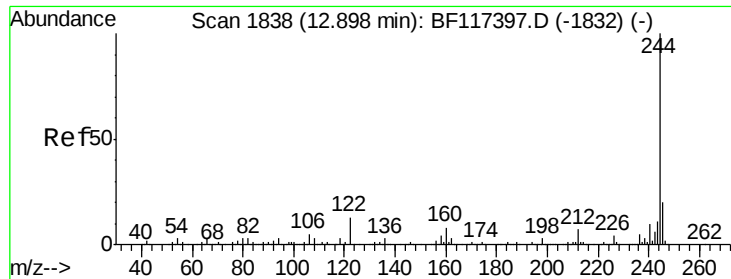
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





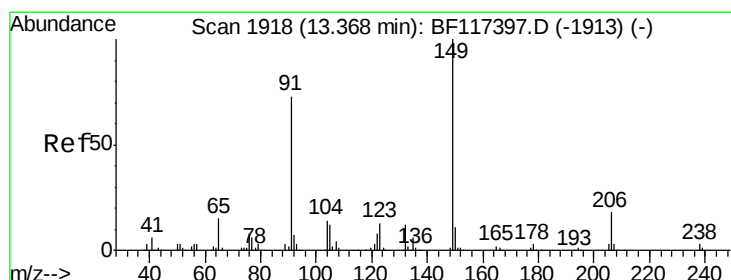
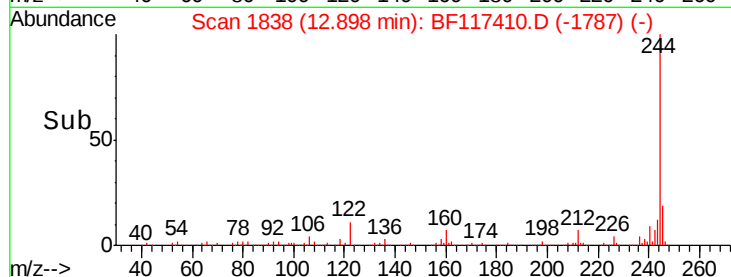
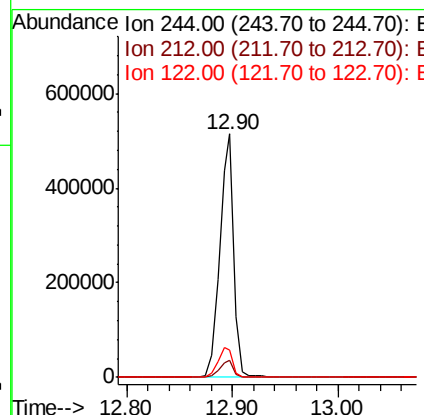
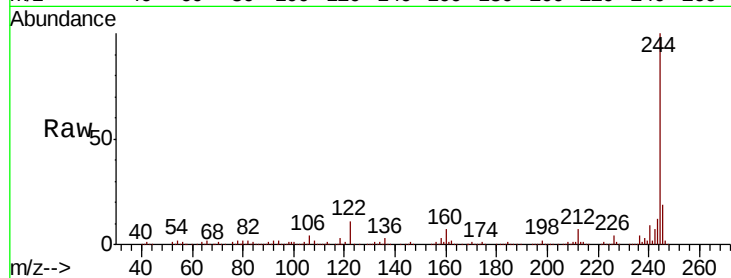
#79
 Terphenyl-d14
 Concen: 54.948 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF117410.D
 Acq: 16 Oct 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB123985BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	11.4	10.7	16.1

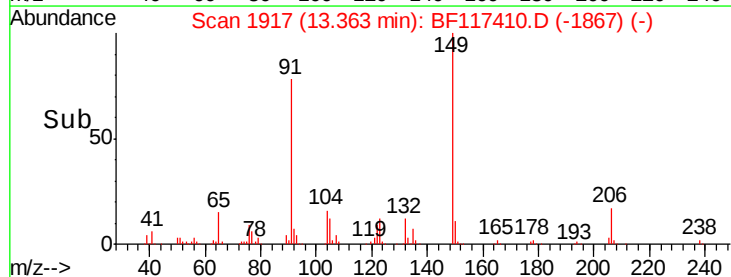
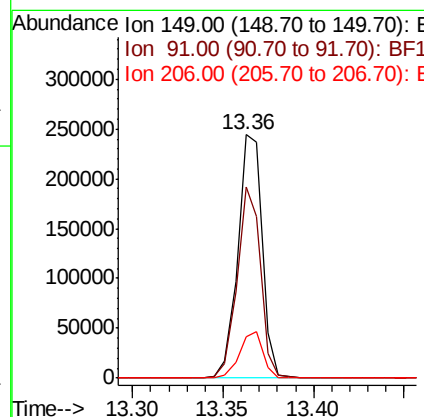
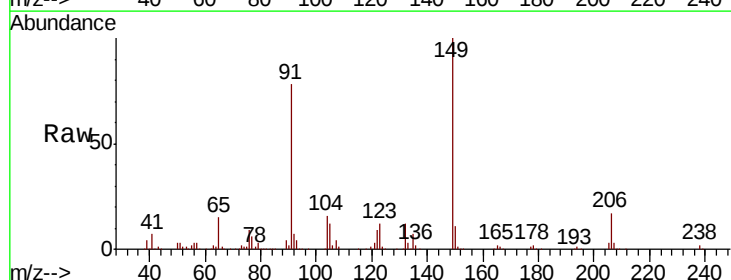
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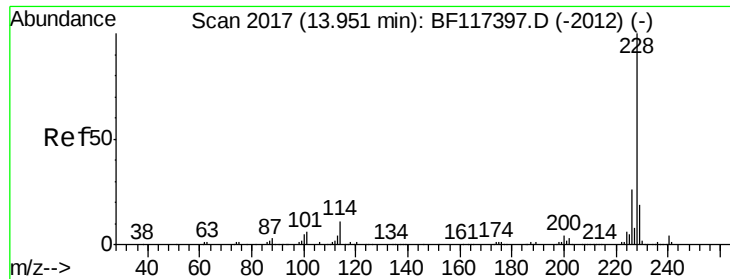
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#80
 Butylbenzylphthalate
 Concen: 36.046 ng
 RT: 13.36 min Scan# 1917
 Delta R.T. -0.01 min
 Lab File: BF117410.D
 Acq: 16 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.5	58.5	87.7
206	17.2	14.4	21.6





#81

Benzo(a)anthracene

Concen: 40.146 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF117410.D

Acq: 16 Oct 2019 13:46

Instrument :

BNA_F

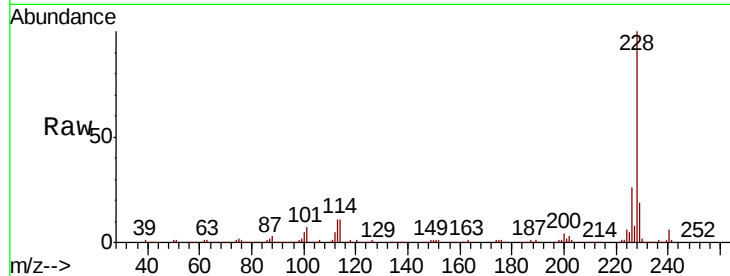
ClientSampleId :

PB123985BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	25.9	20.9	31.3
229	19.3	15.2	22.8

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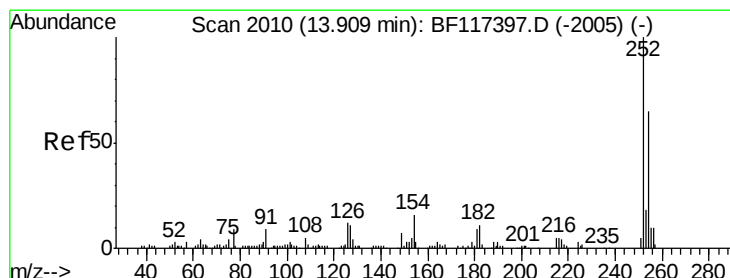
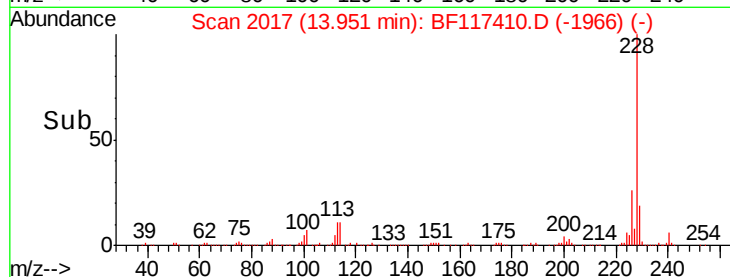
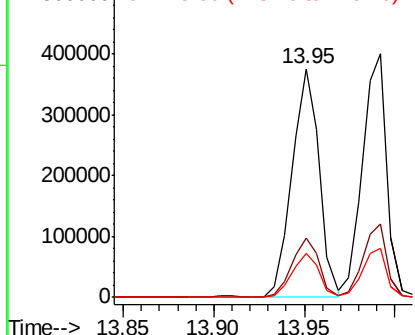


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.777 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF117410.D

Acq: 16 Oct 2019 13:46

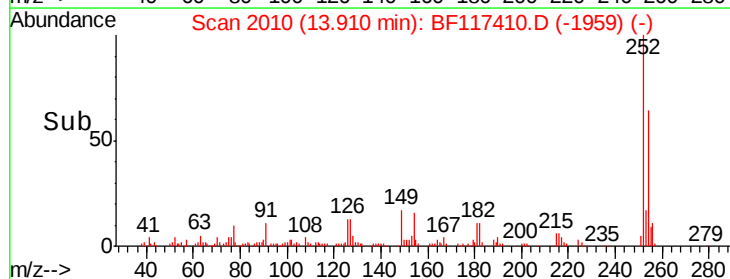
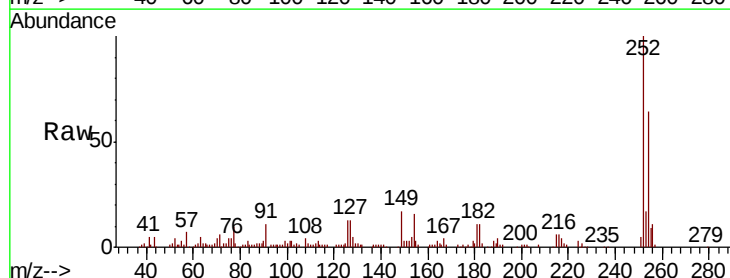
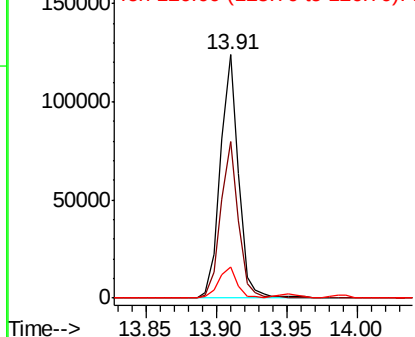
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.6	77.4
126	13.0	9.6	14.4

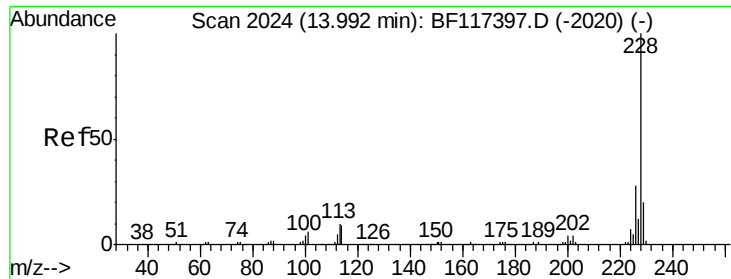
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.960 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF117410.D

Acq: 16 Oct 2019 13:46

Instrument :

BNA_F

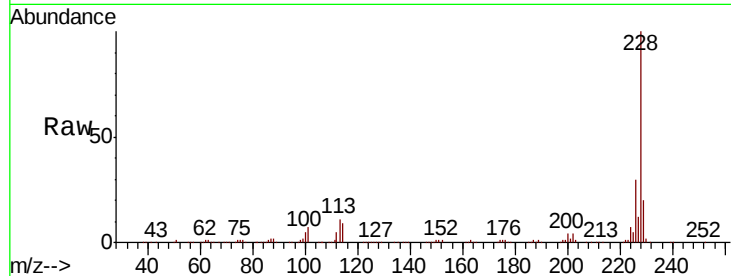
ClientSampleId :

PB123985BS

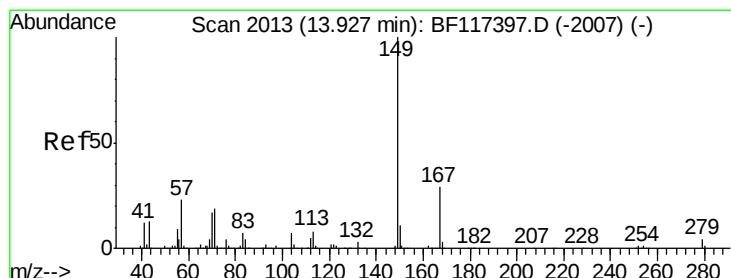
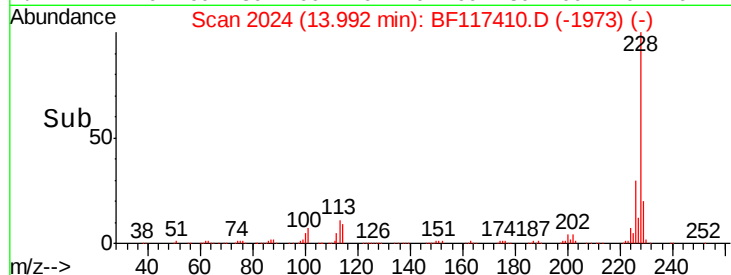
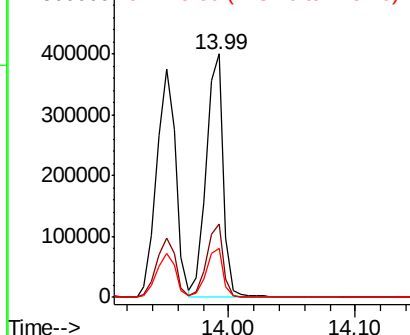
Tot Ion:	228	Resp:	377870
Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.8	34.2
229	20.0	15.7	23.5

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.173 ng

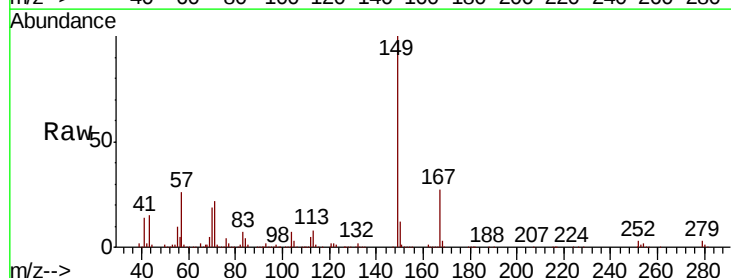
RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

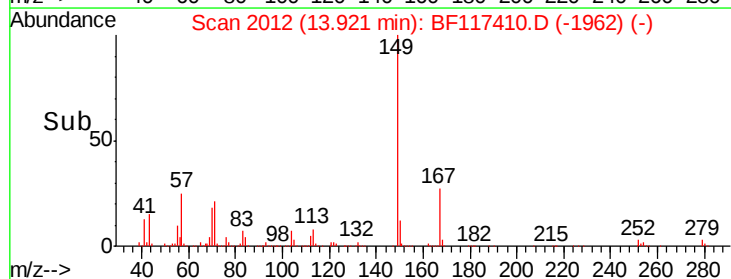
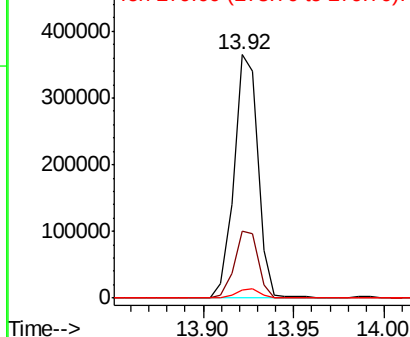
Lab File: BF117410.D

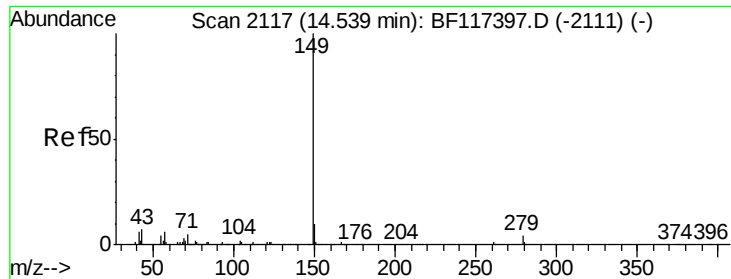
Acq: 16 Oct 2019 13:46

Tgt Ion:	149	Resp:	333930
Ion	Ratio	Lower	Upper
149	100		
167	27.3	23.0	34.6
279	3.1	3.0	4.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





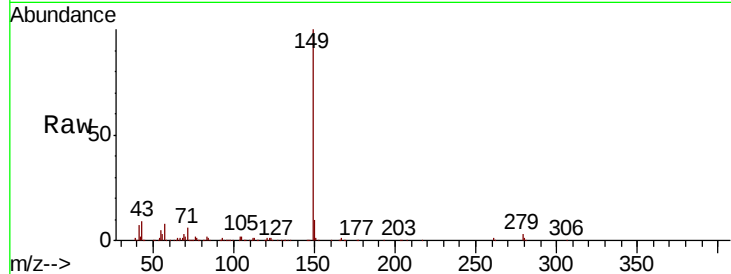
#85
Di-n-octyl phthalate
Concen: 42.208 ng
RT: 14.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB123985BS

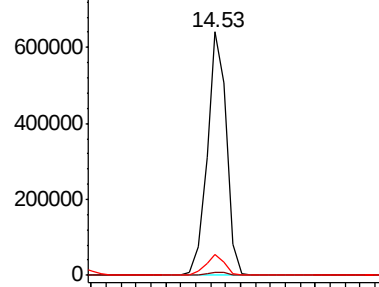
Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.1	1.7
43	8.1	6.6	9.8

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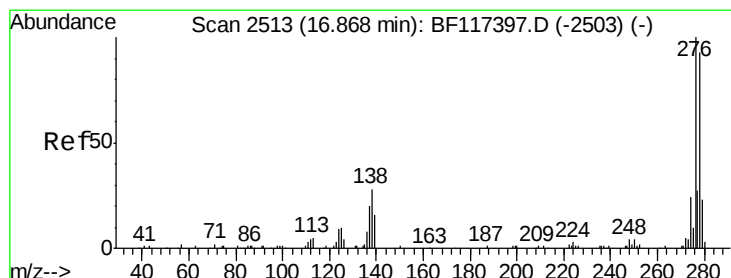
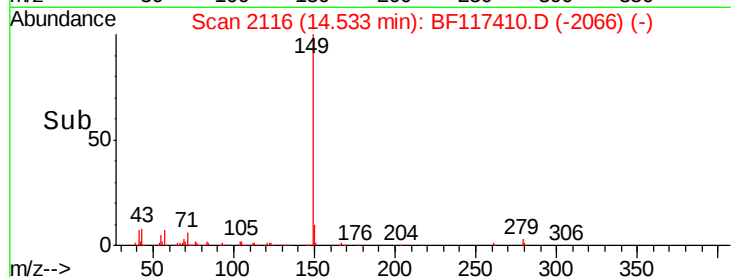
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

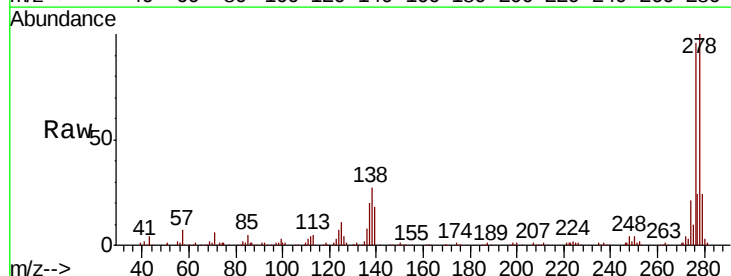


Time--> 14.45 14.50 14.55 14.60

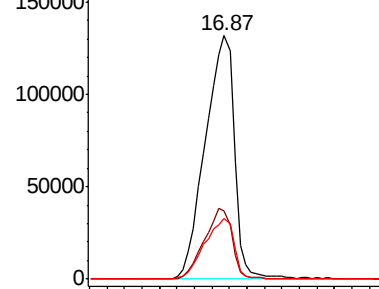


#86
Indeno(1,2,3-cd)pyrene
Concen: 44.062 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.01 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

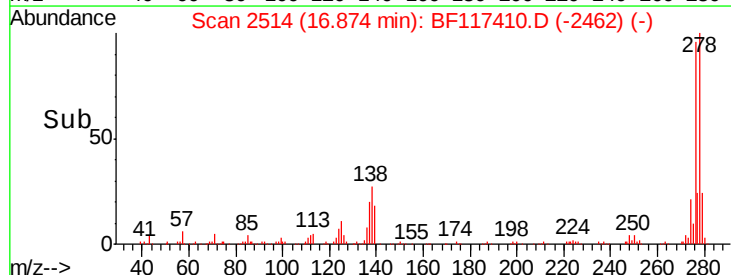
Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	27.5	21.5	32.3
277	25.0	20.1	30.1

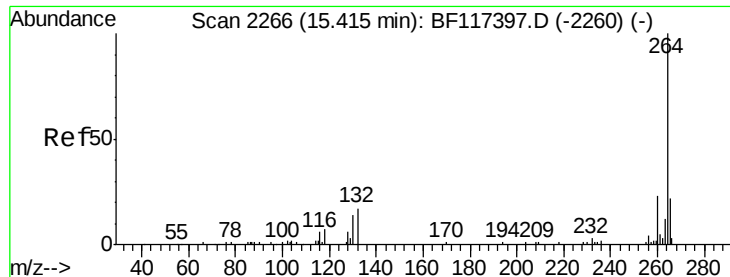


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time--> 16.80 16.90 17.00





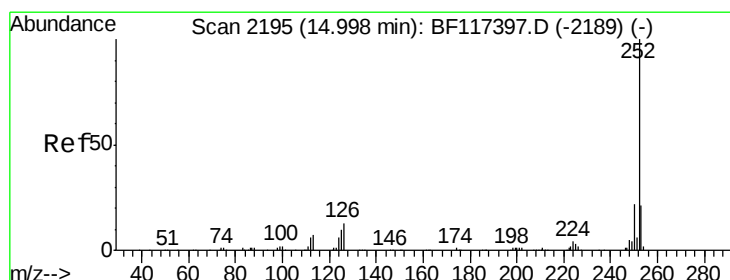
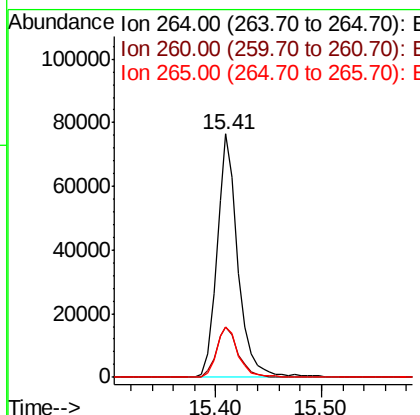
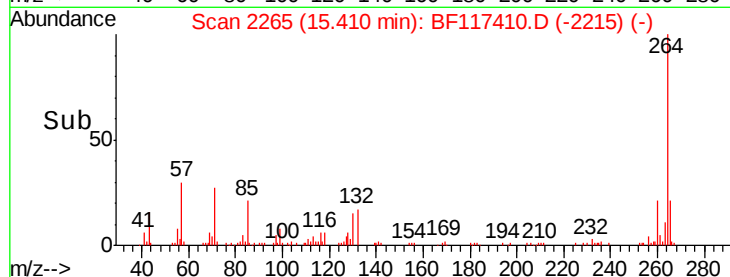
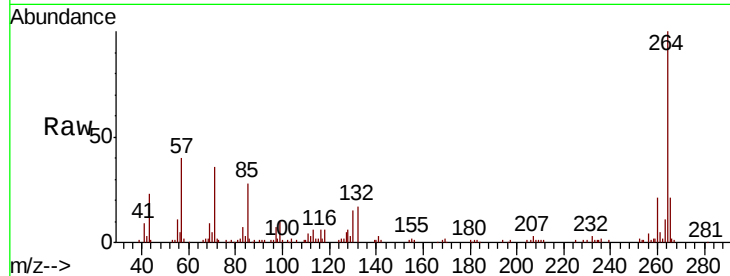
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampled :
PB123985BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	20.9	18.6	27.8
265	20.7	17.4	26.0

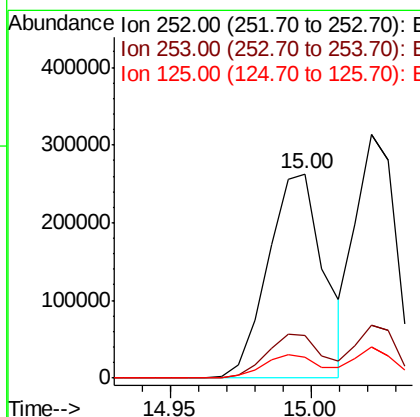
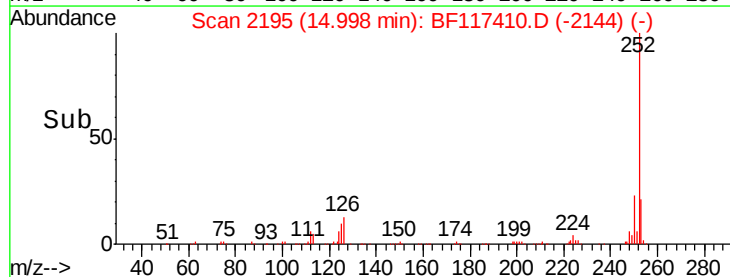
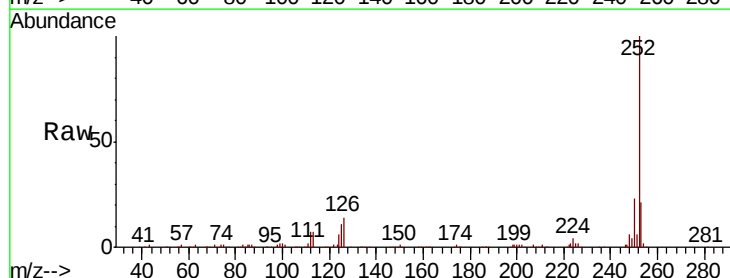
Manual Integrations
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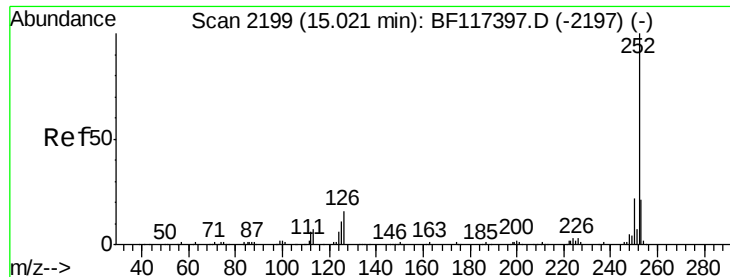
mohammad
10/18/2019 8:26:27 AM



#88
Benzo(b)fluoranthene
Concen: 55.146 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.2	25.8
125	10.5	8.2	12.2





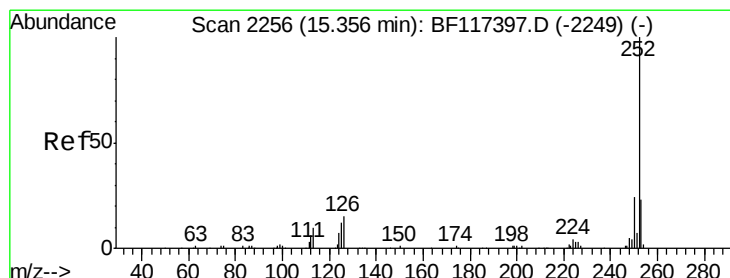
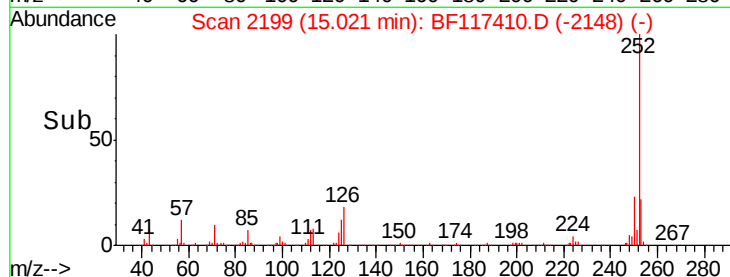
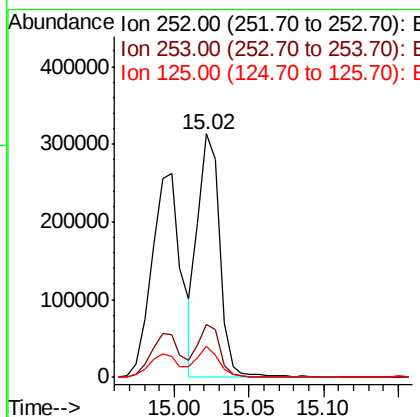
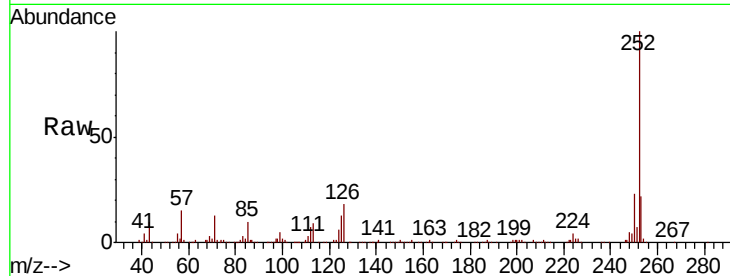
#89
Benzo(k)fluoranthene
Concen: 48.570 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB123985BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	12.5	9.4	14.2

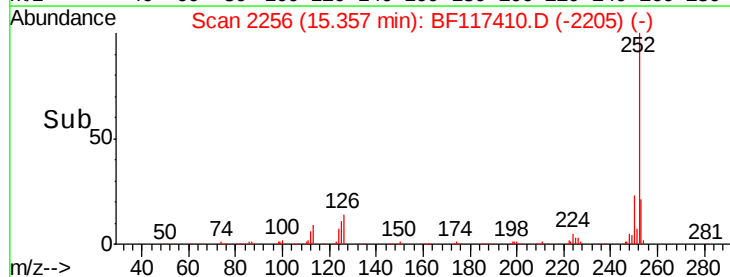
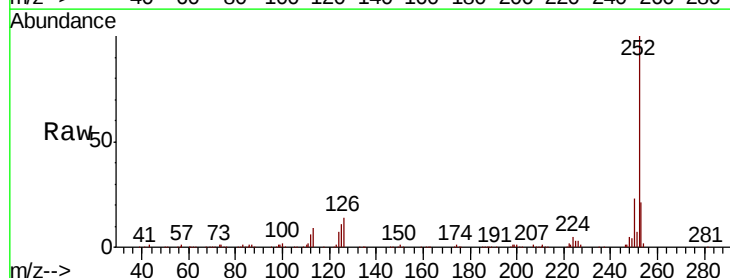
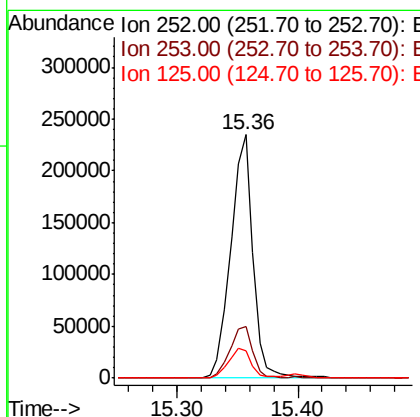
Manual Integrations
APPROVED

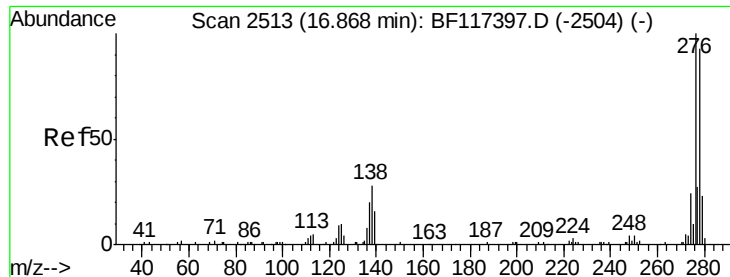
mohammad
10/18/2019 8:26:27 AM



#90
Benzo(a)pyrene
Concen: 51.868 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.00 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.0	27.0
125	11.0	9.4	14.0





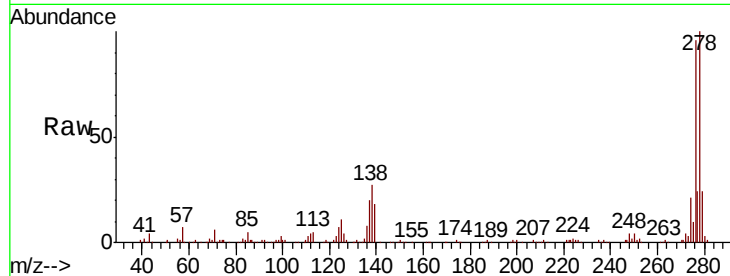
#91
Dibenzo(a,h)anthracene
Concen: 52.348 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.01 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB123985BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.5	14.1	21.1
279	24.0	19.8	29.6

Manual Integrations
APPROVED

mohammad
10/18/2019 8:26:27 AM

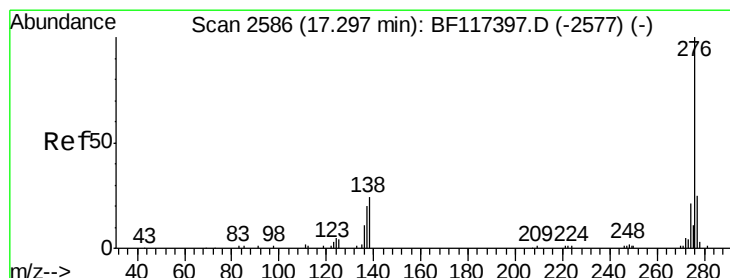
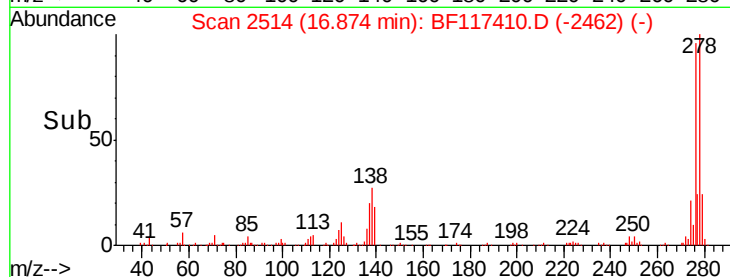
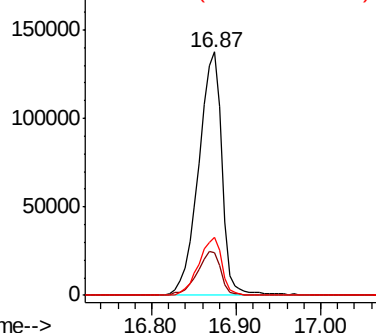


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.886 ng
RT: 17.30 min Scan# 2586
Delta R.T. 0.00 min
Lab File: BF117410.D
Acq: 16 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.2	19.9	29.9
138	22.6	19.3	28.9

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

