

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
 Data File : BF117237.D
 Acq On : 25 Sep 2019 13:30
 Operator : JU
 Sample : PB123373BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123373BS

Manual Integrations
 APPROVED

mohammad
 9/26/2019 3:53:33 PM

Quant Time: Sep 26 03:09:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	34560	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	148521	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	77495	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	118893	20.00	ng	0.00
76) Chrysene-d12	13.98	240	66465	20.00	ng	0.00
87) Perylene-d12	15.45	264	59936	20.00	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	262754	118.70	ng	0.02
7) Phenol-d6	6.46	99	339756	118.76	ng	0.00
23) Nitrobenzene-d5	7.38	82	204378	72.30	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	77646	119.88	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	376661	76.00	ng	0.00
79) Terphenyl-d14	12.92	244	303045	85.23	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.66	88	36362	39.256	ng	# 90
3) Pyridine	3.42	79	85212	33.610	ng	97
4) n-Nitrosodimethylamine	3.35	42	40728	46.810	ng	88
6) Aniline	6.48	93	112142	30.446	ng	# 31
8) 2-Chlorophenol	6.61	128	114011	47.742	ng	97
9) Benzaldehyde	6.36	77	62151	44.555	ng	92
10) Phenol	6.47	94	141202	44.772	ng	86
11) bis(2-Chloroethyl)ether	6.55	93	104100	44.911	ng	100
12) 1,3-Dichlorobenzene	6.76	146	115570	43.128	ng	99
13) 1,4-Dichlorobenzene	6.83	146	119062	43.538	ng	97
14) 1,2-Dichlorobenzene	6.99	146	112173	44.057	ng	97
15) Benzyl Alcohol	6.96	79	105397	48.043	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	98161	42.864	ng	72
17) 2-Methylphenol	7.08	107	93575	46.755	ng	# 88
18) Hexachloroethane	7.33	117	46245	43.957	ng	92
19) n-Nitroso-di-n-propylamine	7.23	70	83696	48.046	ng	98
20) 3+4-Methylphenols	7.23	107	117913	47.298	ng	# 69
22) Acetophenone	7.23	105	170040	45.062	ng	99
24) Nitrobenzene	7.40	77	124761	44.694	ng	99
25) Isophorone	7.64	82	224099	44.776	ng	99
26) 2-Nitrophenol	7.72	139	56203	46.874	ng	97
27) 2,4-Dimethylphenol	7.76	122	98531	51.820	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	133628	43.336	ng	99
29) 2,4-Dichlorophenol	7.96	162	91510	45.931	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	91105	42.326	ng	98
31) Naphthalene	8.12	128	320414	44.857	ng	98
32) Benzoic acid	7.89	122	32709	26.246	ng	95
33) 4-Chloroaniline	8.17	127	72982	23.036	ng	97
34) Hexachlorobutadiene	8.23	225	52823	43.255	ng	97
35) Caprolactam	8.55	113	25946m	38.475	ng	
36) 4-Chloro-3-methylphenol	8.66	107	105454	45.394	ng	98
37) 2-Methylnaphthalene	8.81	142	217096	45.134	ng	98
38) 1-Methylnaphthalene	8.91	142	201564	44.743	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	86541	43.246	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	61051	70.096	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	58883	43.359	nq	98
44) 2,4,5-Trichlorophenol	9.15	196	63578	43.819	nq	96
46) 1,1'-Biphenyl	9.27	154	262334	43.156	nq	98
47) 2-Chloronaphthalene	9.30	162	202097	42.126	nq	99
48) 2-Nitroaniline	9.40	65	63346	41.167	nq	92
49) Acenaphthylene	9.72	152	312697	43.510	nq	99
50) Dimethylphthalate	9.57	163	235628	42.943	nq	98
51) 2,6-Dinitrotoluene	9.64	165	51017	45.652	nq	89
52) Acenaphthene	9.89	154	181848	42.685	nq	99
53) 3-Nitroaniline	9.81	138	42438	30.098	nq	93
54) 2,4-Dinitrophenol	9.93	184	17450	41.186	nq	97
55) Dibenzofuran	10.06	168	280412	44.612	nq	99
56) 4-Nitrophenol	9.99	139	57156	62.546	nq	94
57) 2,4-Dinitrotoluene	10.05	165	64613	44.542	nq	# 86
58) Fluorene	10.40	166	226075	44.650	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.18	232	46637	42.003	nq	95
60) Diethylphthalate	10.27	149	236889	43.882	nq	100
61) 4-Chlorophenyl-phenylether	10.39	204	99477	45.409	nq	94
62) 4-Nitroaniline	10.43	138	48865	33.325	nq	92
63) Azobenzene	10.55	77	245628	44.551	nq	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	19471	37.676	nq	86
66) n-Nitrosodiphenylamine	10.51	169	192652	46.919	nq	98
67) 4-Bromophenyl-phenylether	10.88	248	56010	46.130	nq	96
68) Hexachlorobenzene	10.96	284	60054	45.221	nq	96
69) Atrazine	11.04	200	49141	49.370	nq	98
70) Pentachlorophenol	11.15	266	50416	80.989	nq	98
71) Phenanthrene	11.36	178	295722	43.791	nq	99
72) Anthracene	11.42	178	315665	45.786	nq	99
73) Carbazole	11.57	167	252866	38.640	nq	99
74) Di-n-butylphthalate	11.89	149	349515	44.889	nq	99
75) Fluoranthene	12.55	202	274451	39.553	nq	98
77) Benzidine	12.67	184	60632	28.319	nq	98
78) Pyrene	12.78	202	271054	48.603	nq	99
80) Butylbenzylphthalate	13.39	149	120776	45.832	nq	99
81) Benzo(a)anthracene	13.97	228	193062	43.476	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	50137	35.037	nq	98
83) Chrysene	14.01	228	189795	43.822	nq	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	177654	52.287	nq	100
85) Di-n-octyl phthalate	14.57	149	272709	50.995	nq	# 95
86) Indeno(1,2,3-cd)pyrene	16.92	276	163683	51.802	nq	97
88) Benzo(b)fluoranthene	15.03	252	152149	41.908	nq	99
89) Benzo(k)fluoranthene	15.06	252	158861	46.192	nq	97
90) Benzo(a)pyrene	15.39	252	151468	47.544	nq	99
91) Dibenzo(a,h)anthracene	16.92	278	139100	54.808	nq	99
92) Benzo(g,h,i)perylene	17.35	276	130470	51.588	nq	98

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

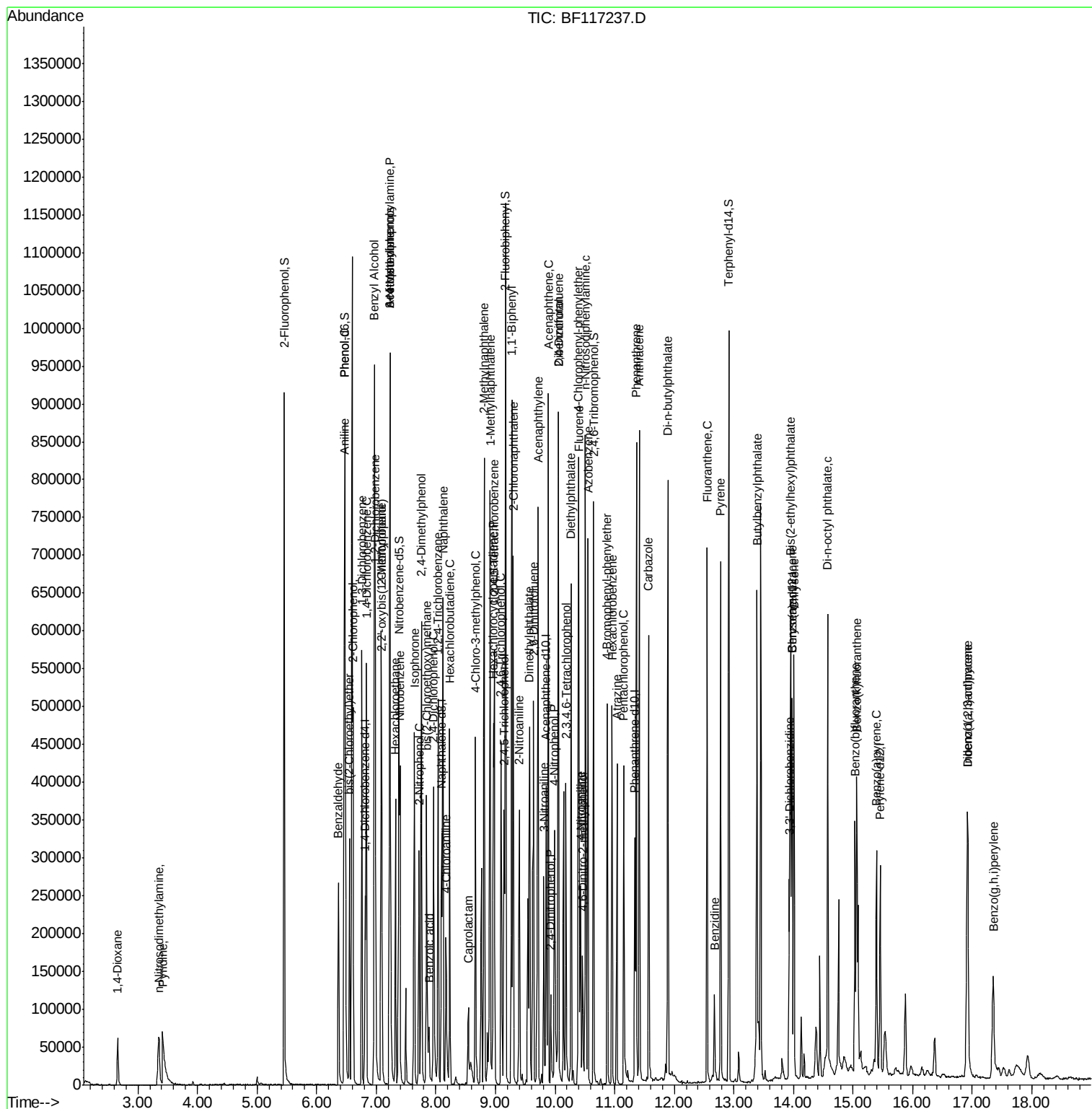
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
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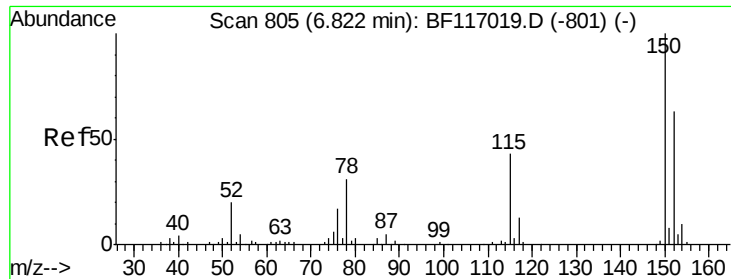
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#1

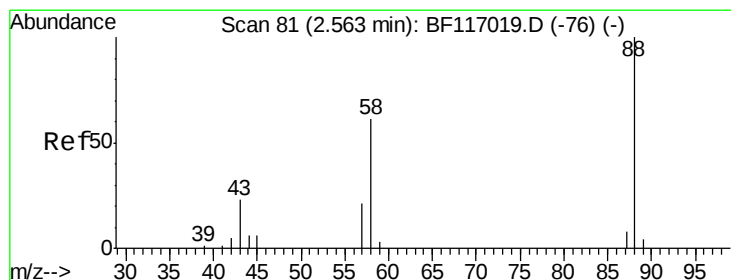
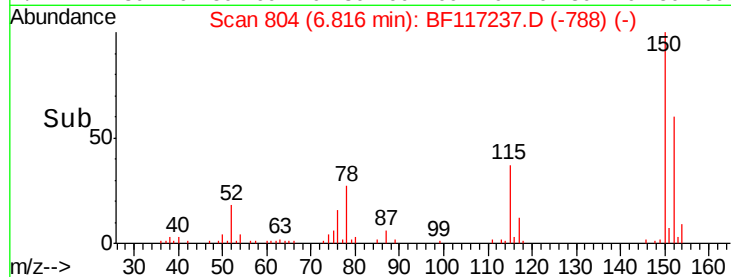
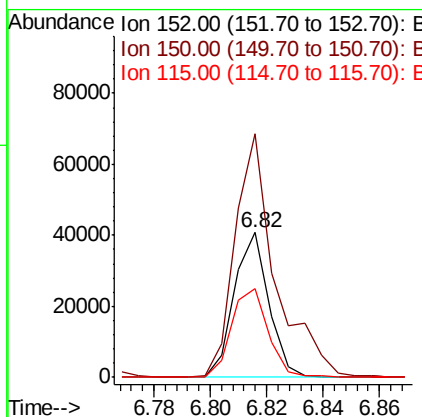
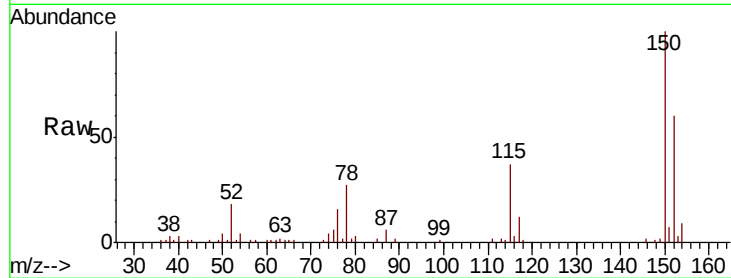
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Instrument :
BNA_F
ClientSampleId :
PB123373BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	168.0	127.5	191.3
115	61.7	55.0	82.4

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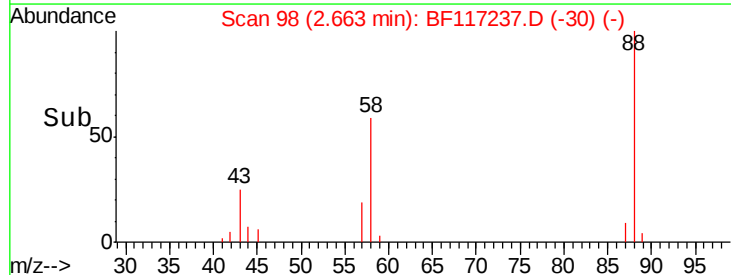
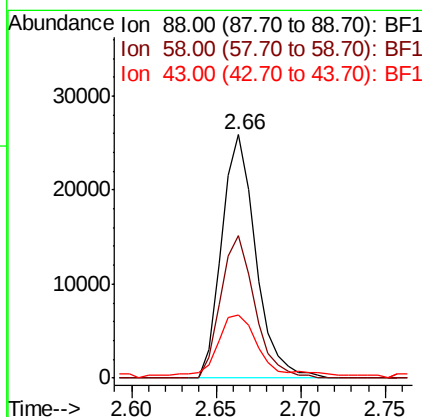
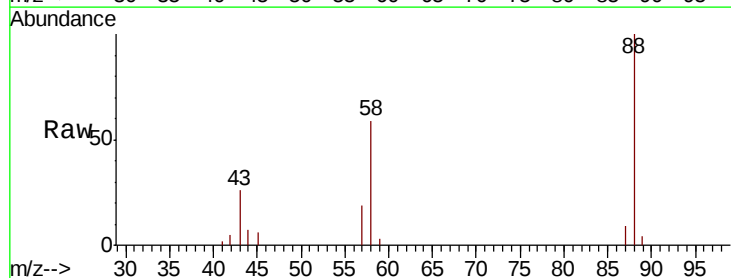
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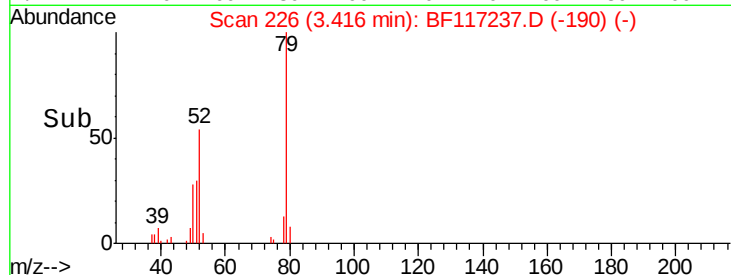
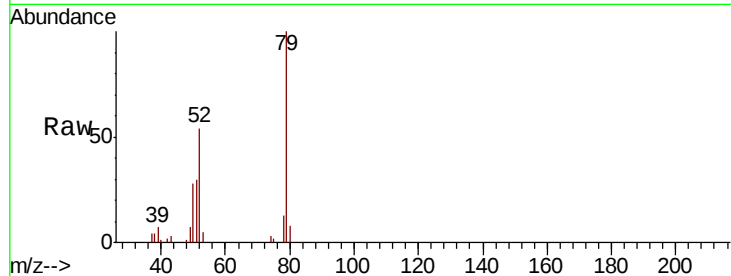


#2

1,4-Dioxane
Concen: 39.256 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.10 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.7	49.3	73.9
43	35.6	18.8	28.2





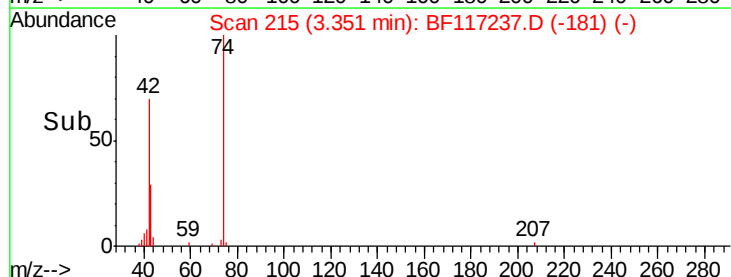
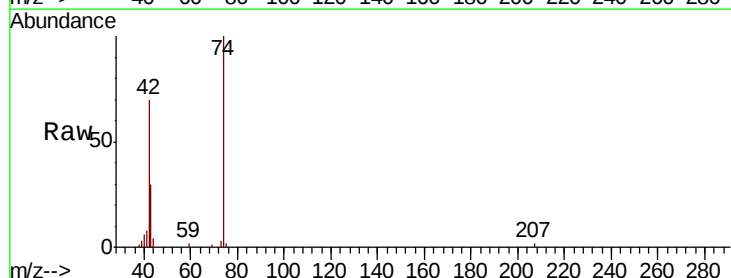
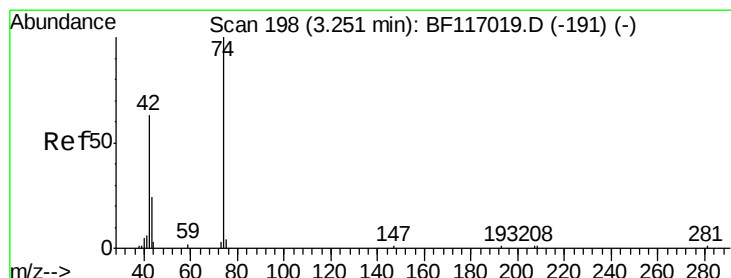
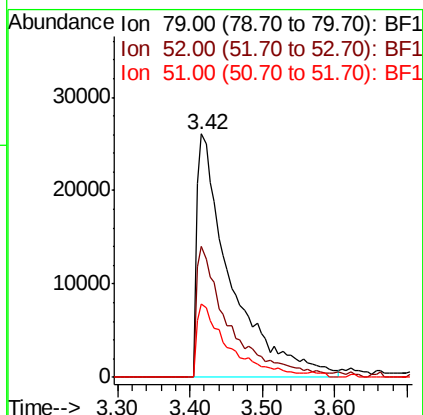
#3
Pvridine
Concen: 33.610 ng
RT: 3.42 min Scan# 226
Delta R.T. 0.11 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Tot Ion	Ratio	Lower	Upper
79	100		
52	53.5	43.5	65.3
51	30.2	21.8	32.6

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ClientSampleId :
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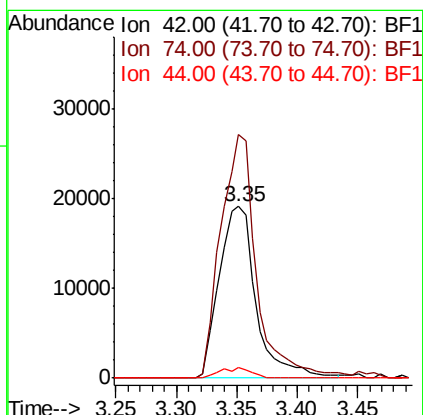
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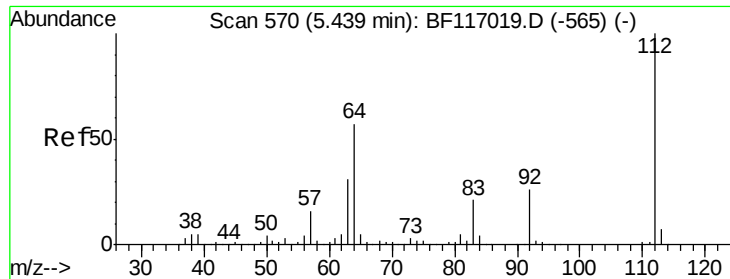
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#4
n-Nitrosodimethylamine
Concen: 46.810 ng
RT: 3.35 min Scan# 215
Delta R.T. 0.10 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Tgt Ion	Ratio	Lower	Upper
42	100		
74	142.0	127.1	190.7
44	6.0	4.3	6.5





#5

2-Fluorophenol

Concen: 118.699 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.02 min

Lab File: BF117237.D

Acq: 25 Sep 2019 13:30

Instrument :

BNA_F

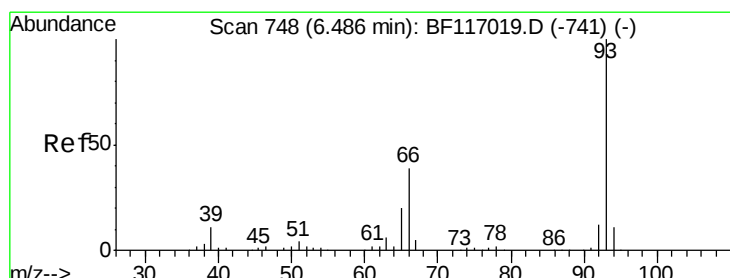
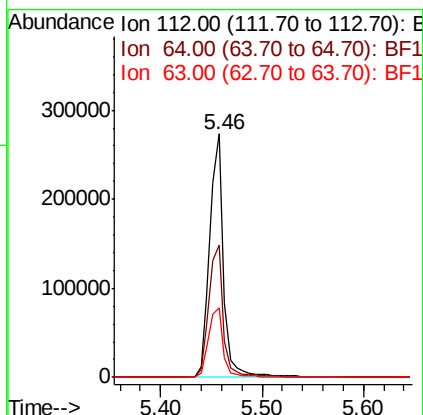
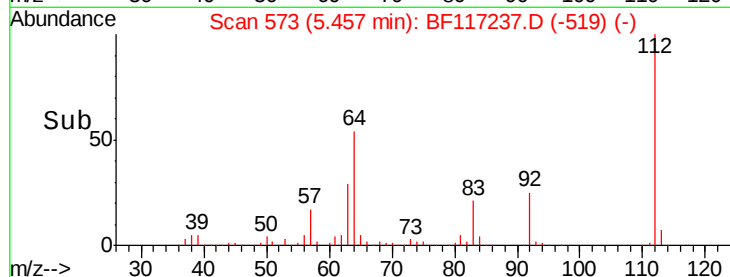
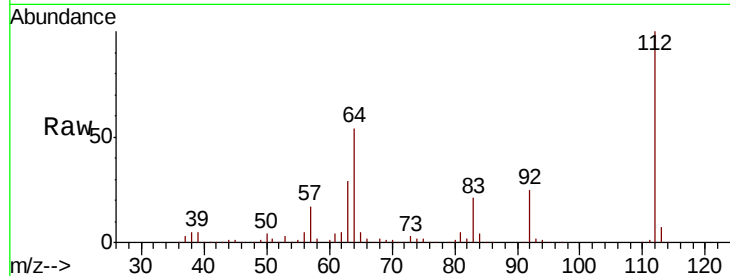
ClientSampleId :

PB123373BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	262754		
64	54.3	45.7	68.5	
63	28.8	24.9	37.3	

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#6

Aniline

Concen: 30.446 ng

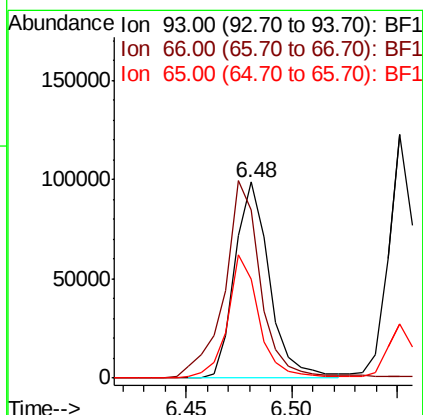
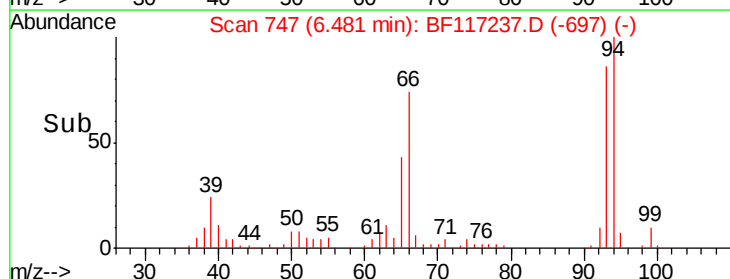
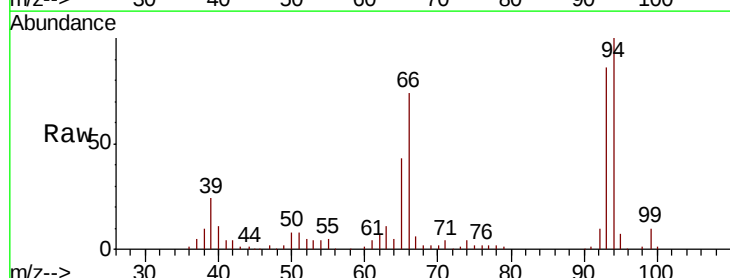
RT: 6.48 min Scan# 747

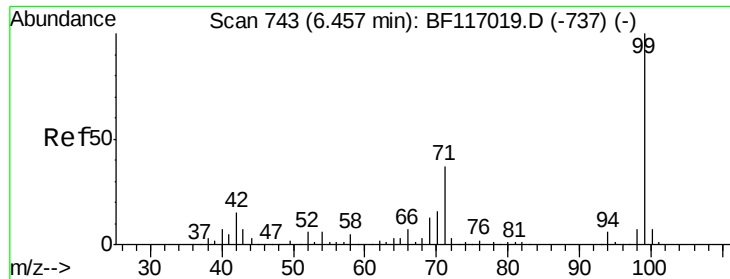
Delta R.T. -0.01 min

Lab File: BF117237.D

Acq: 25 Sep 2019 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	112142		
66	85.9	32.6	49.0#	
65	50.6	16.7	25.1#	





#7

Phenol-d6

Concen: 118.763 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117237.D

Acq: 25 Sep 2019 13:30

Instrument :

BNA_F

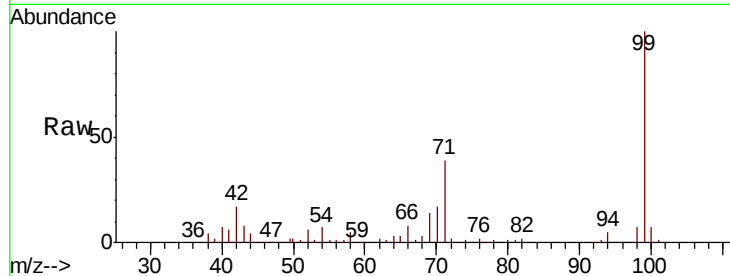
ClientSampleId :

PB123373BS

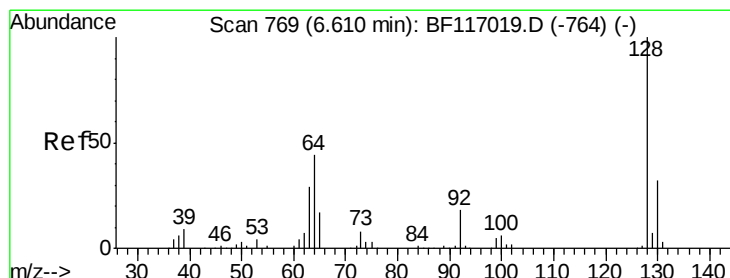
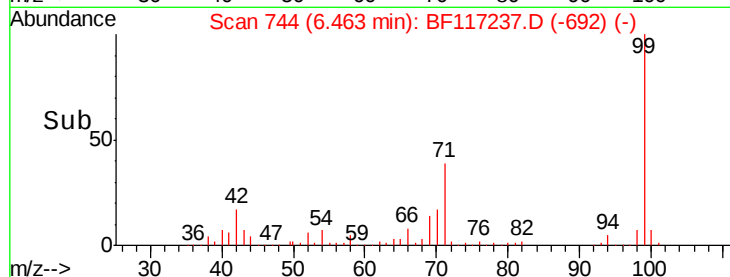
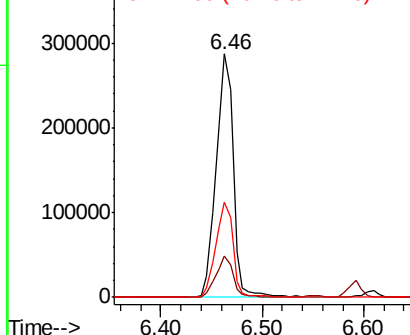
Tot Ion:	99	Resp:	339756
Ion Ratio	Lower	Upper	
99	100		
42	16.9	12.2	18.2
71	39.1	29.8	44.8

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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: 47.742 ng

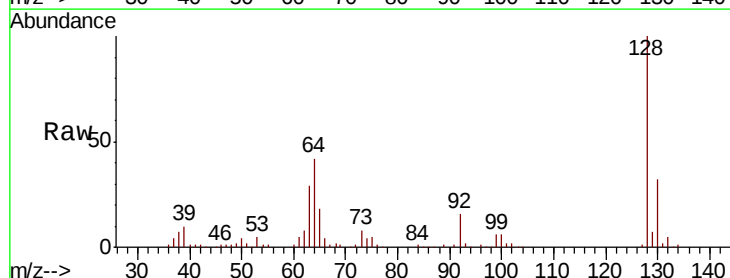
RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

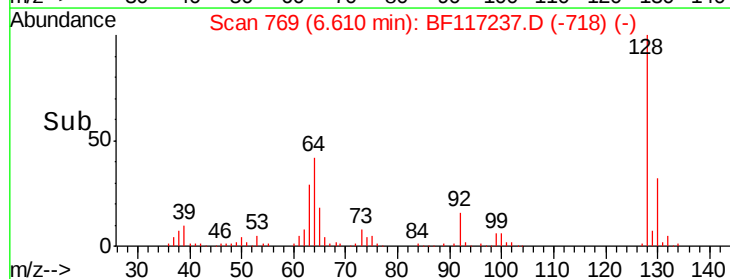
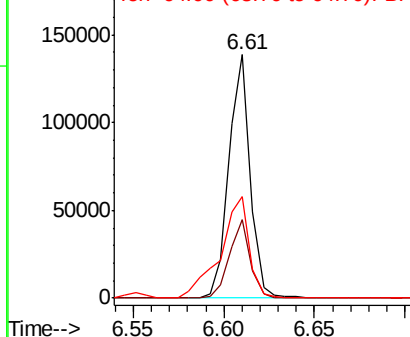
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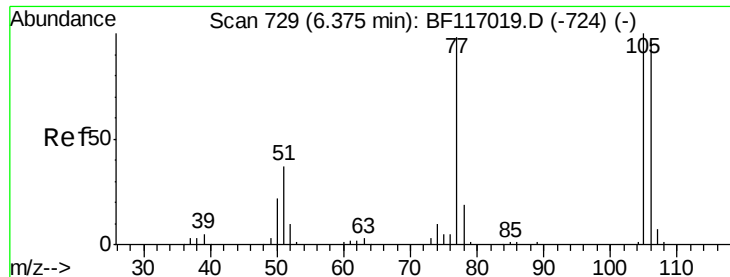
Acq: 25 Sep 2019 13:30

Tgt Ion:	128	Resp:	114011
Ion Ratio	Lower	Upper	
128	100		
130	32.1	11.8	51.8
64	41.9	25.0	65.0



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: 44.555 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF117237.D

Acq: 25 Sep 2019 13:30

Instrument :

BNA_F

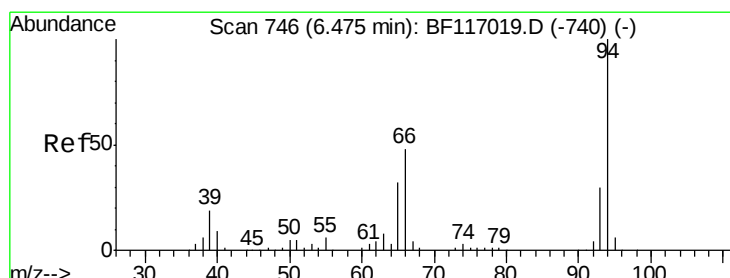
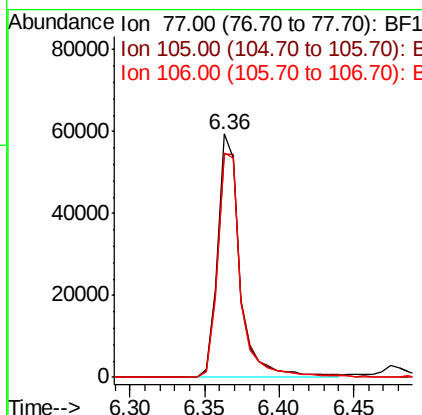
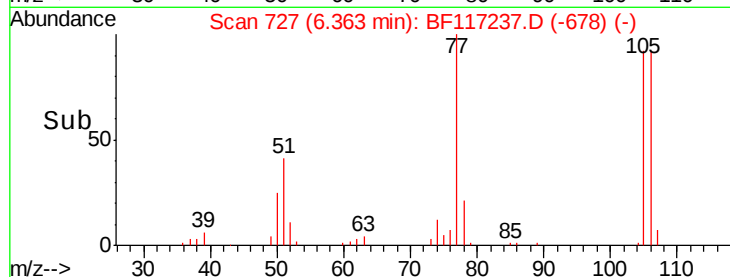
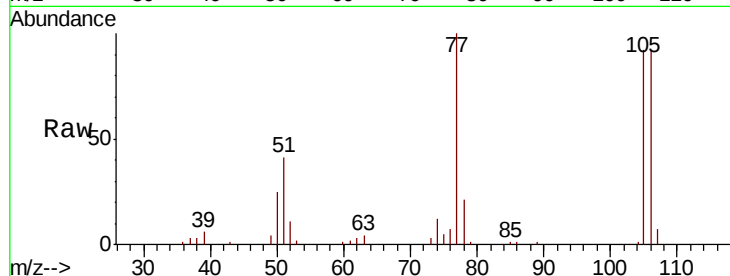
ClientSampleId :

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Tot Ion:	77	Resp:	62151
Ion	Ratio	Lower	Upper
77	100		
105	91.5	81.8	121.8
106	92.4	77.3	117.3

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#10

Phenol

Concen: 44.772 ng

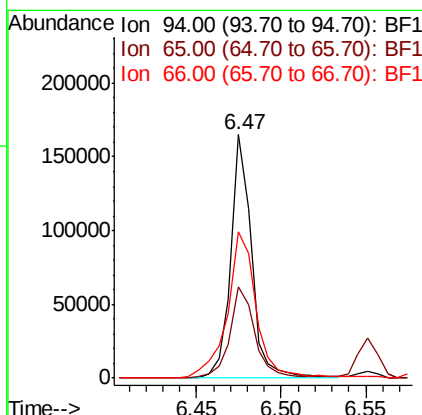
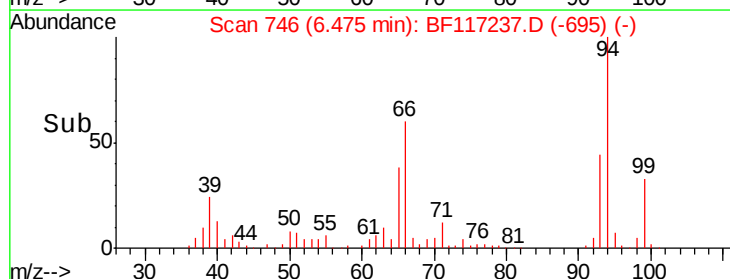
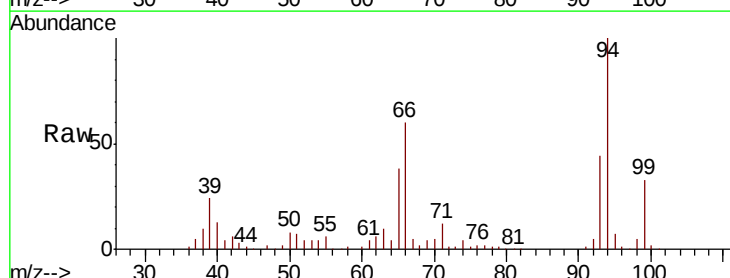
RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF117237.D

Acq: 25 Sep 2019 13:30

Tgt Ion:	94	Resp:	141202
Ion	Ratio	Lower	Upper
94	100		
65	37.7	12.5	52.5
66	60.1	28.9	68.9





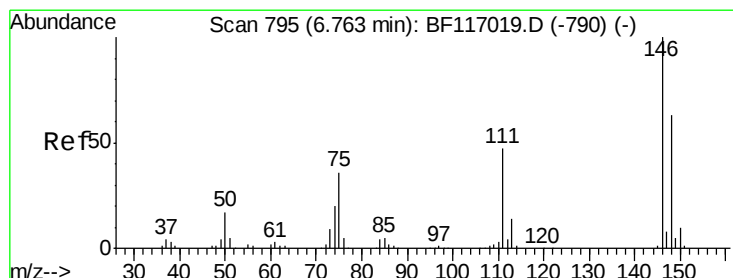
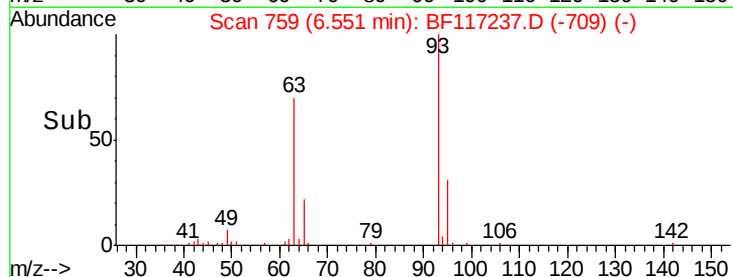
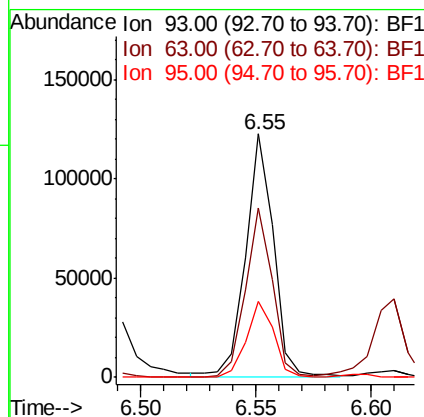
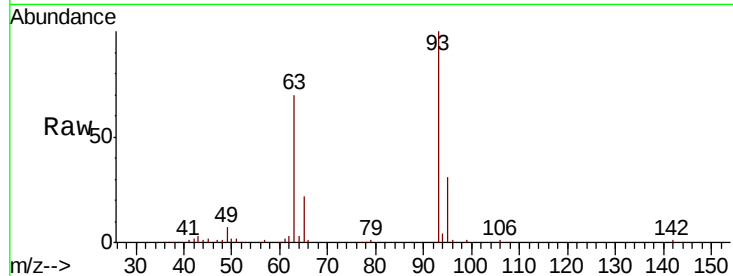
#11
bis(2-Chloroethyl)ether
Concen: 44.911 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Instrument :
BNA_F
ClientSampleId :
PB123373BS

Tot Ion:	93	Resp:	104100
Ion Ratio	Lower	Upper	
93	100		
63	69.7	49.3	89.3
95	31.3	11.5	51.5

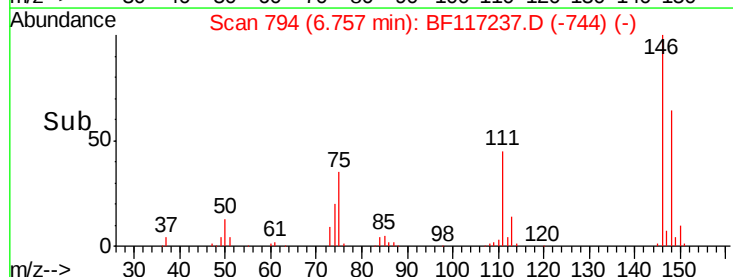
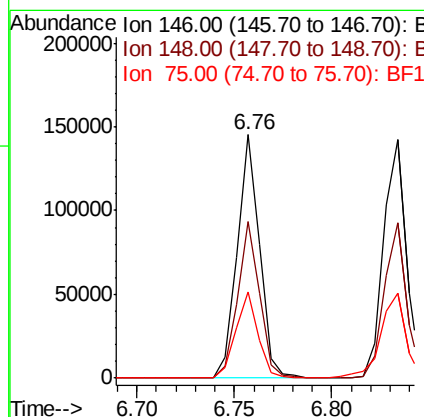
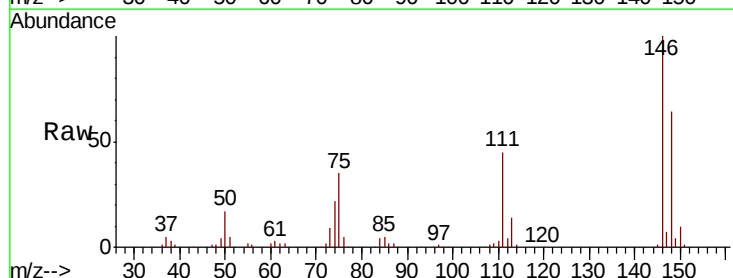
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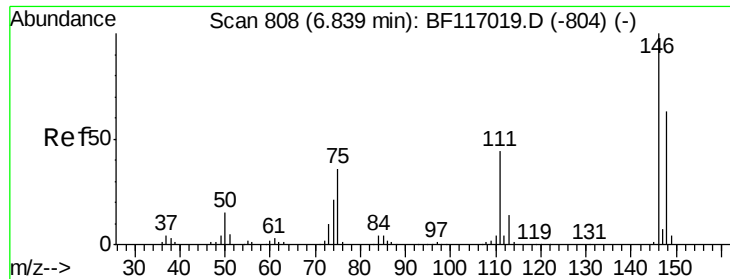
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#12
1,3-Dichlorobenzene
Concen: 43.128 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Tgt Ion:	146	Resp:	115570
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.8	76.2
75	35.3	28.7	43.1





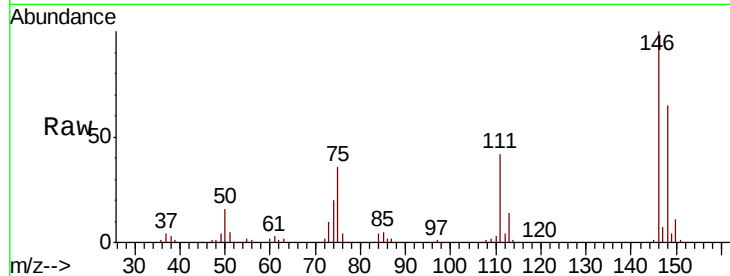
#13
 1,4-Dichlorobenzene
 Concen: 43.538 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF117237.D
 Acq: 25 Sep 2019 13:30

Instrument :
 BNA_F
 ClientSampleId :
 PB123373BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.6	76.0
111	41.6	35.0	52.6

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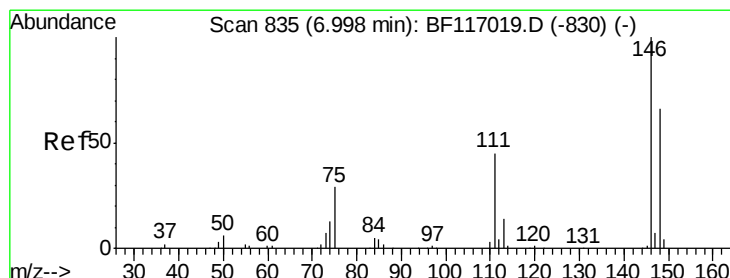
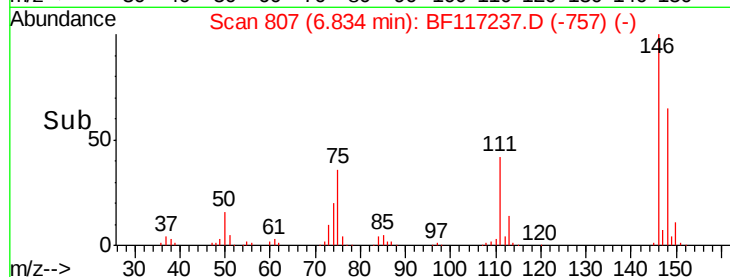
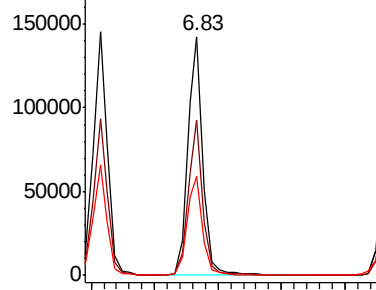


Abundance

Ion 146.00 (145.70 to 146.70): E

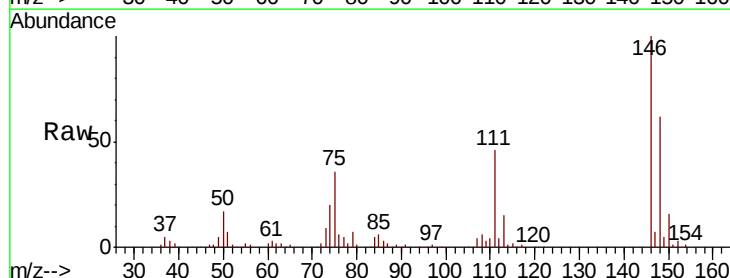
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 44.057 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF117237.D
 Acq: 25 Sep 2019 13:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	52.6	78.8
111	45.7	36.2	54.2

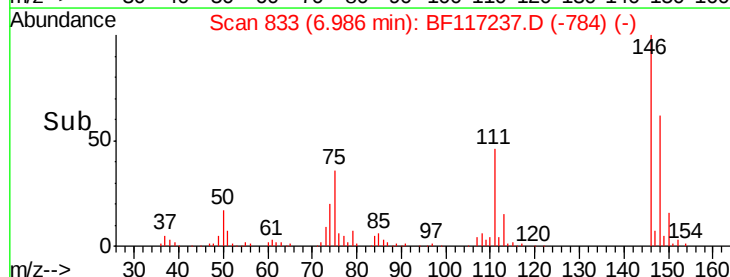
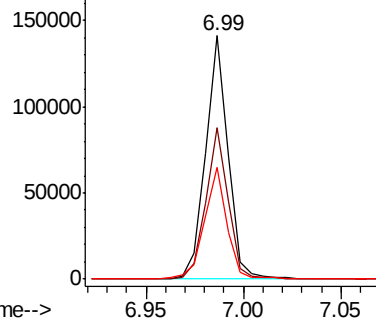


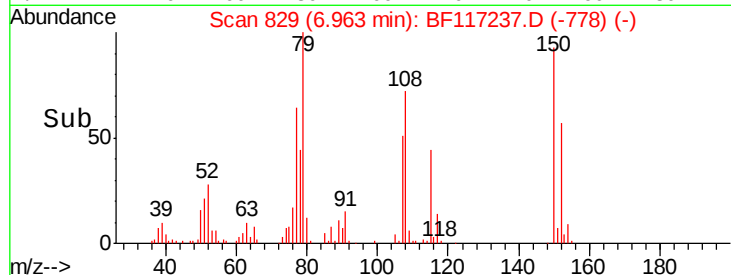
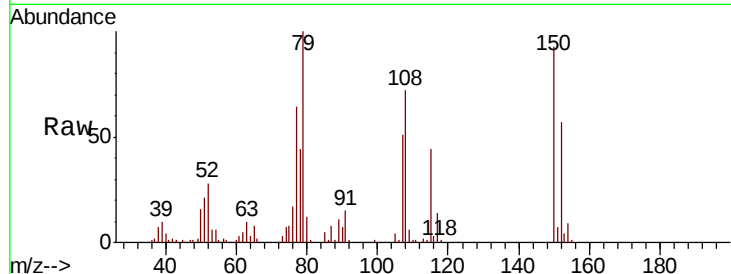
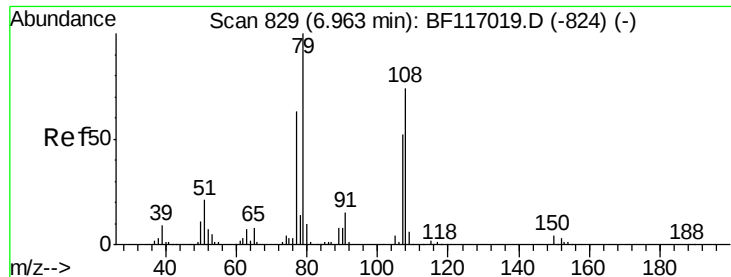
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





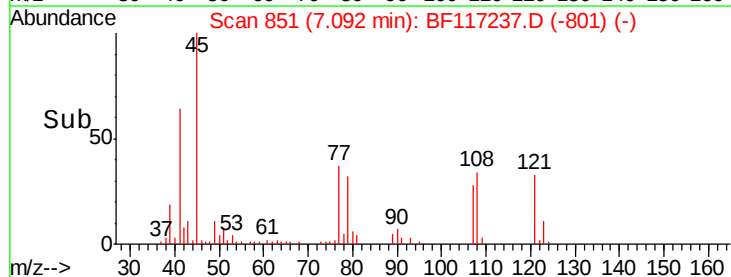
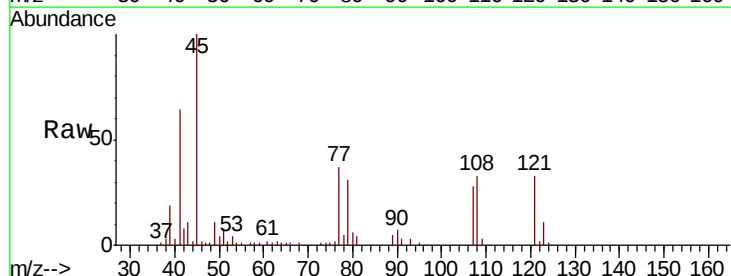
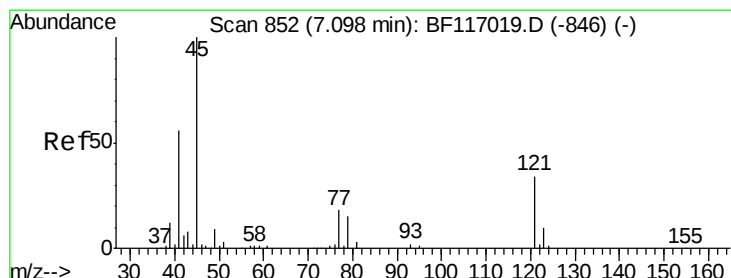
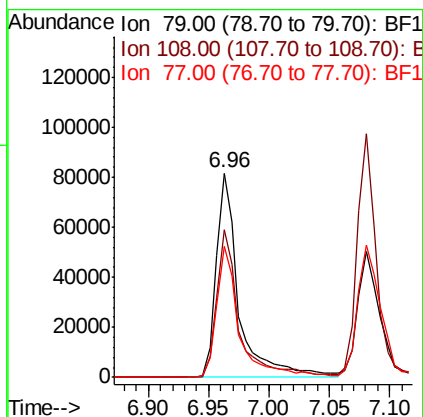
#15
Benzyl Alcohol
Concen: 48.043 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Tot Ion:	79	Resp:	105397
Ion Ratio	Lower	Upper	
79	100		
108	72.4	59.4	89.0
77	64.3	50.2	75.2

Instrument :
BNA_F
ClientSampleId :
PB123373BS

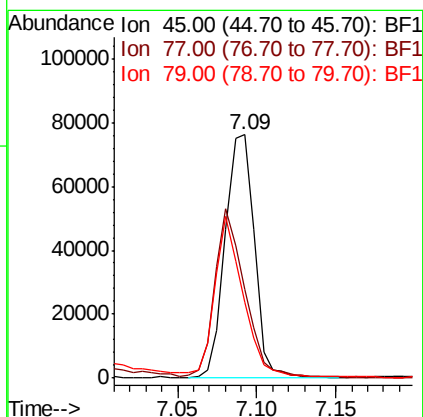
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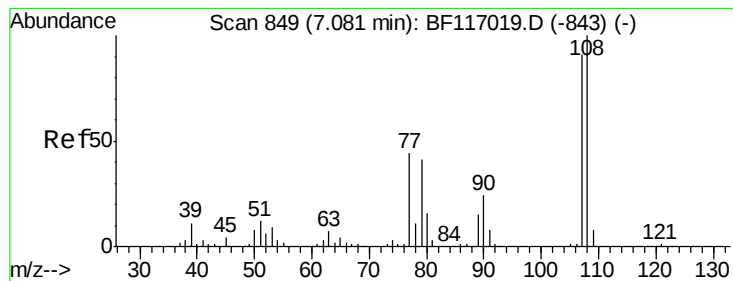
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.864 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Tgt Ion:	45	Resp:	98161
Ion Ratio	Lower	Upper	
45	100		
77	36.6	2.7	42.7
79	31.4	0.0	38.9





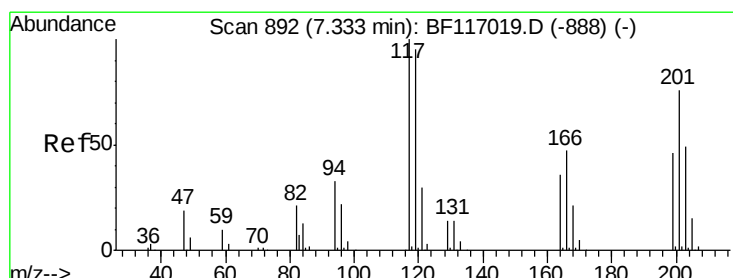
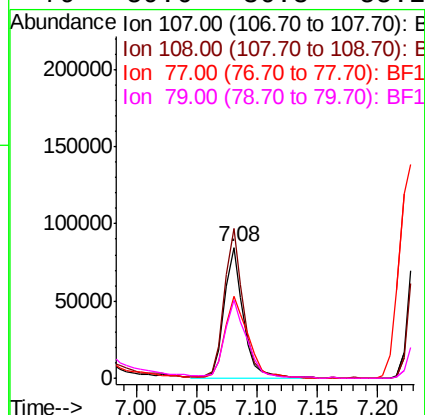
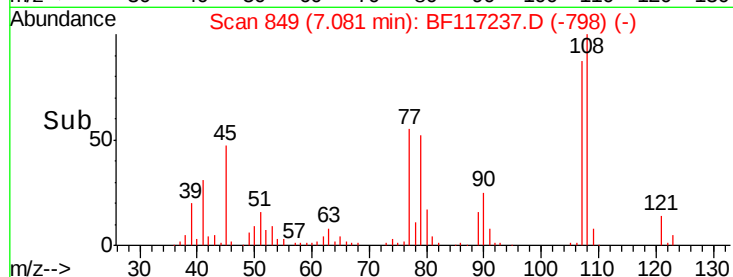
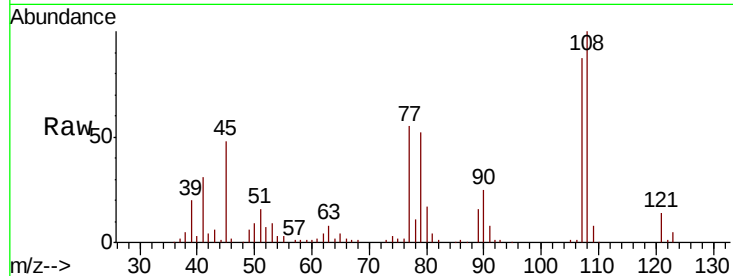
#17
2-Methylphenol
Concen: 46.755 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Instrument :
BNA_F
ClientSampleId :
PB123373BS

Tot Ion:	107	Resp:	93575
Ion Ratio	Lower	Upper	
107	100		
108	114.9	87.7	131.5
77	62.6	38.6	58.0#
79	59.6	36.8	55.2#

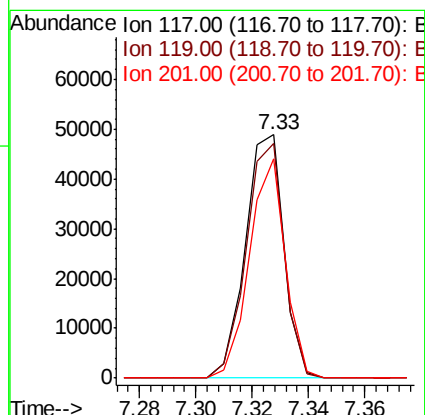
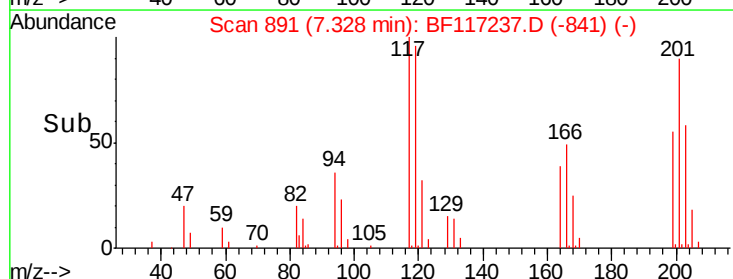
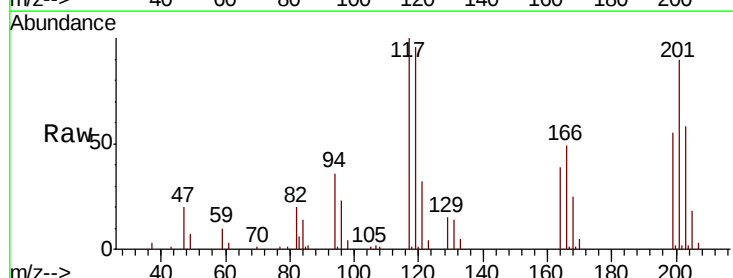
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#18
Hexachloroethane
Concen: 43.957 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Tgt Ion:	117	Resp:	46245
Ion Ratio	Lower	Upper	
117	100		
119	96.5	75.8	113.8
201	90.1	60.9	91.3





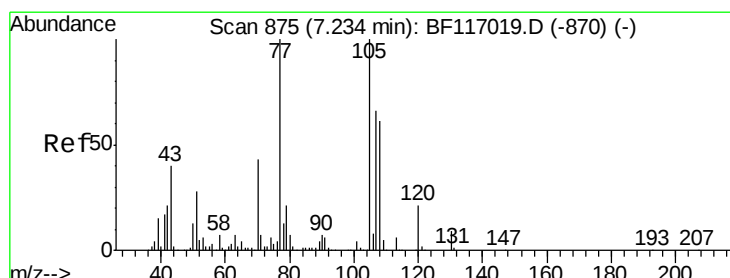
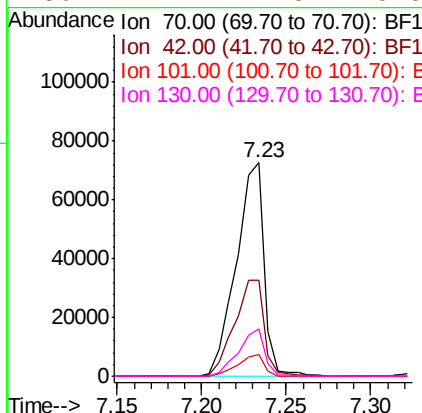
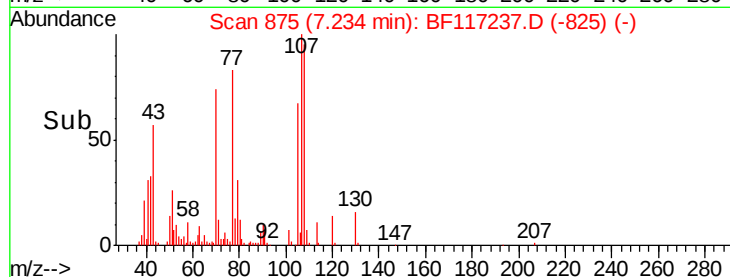
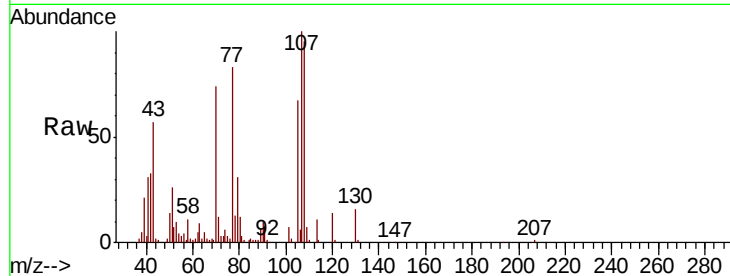
#19
n-Nitroso-di-n-propylamine
Concen: 48.046 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Instrument :
BNA_F
ClientSampleId :
PB123373BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	44.9	34.0	51.0	
101	10.0	7.8	11.6	
130	22.1	17.8	26.8	

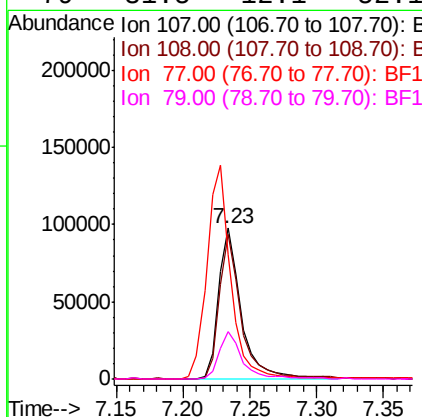
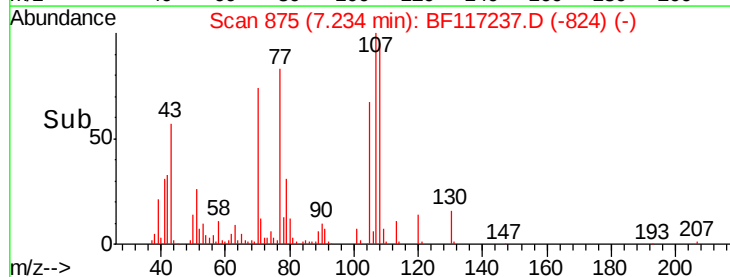
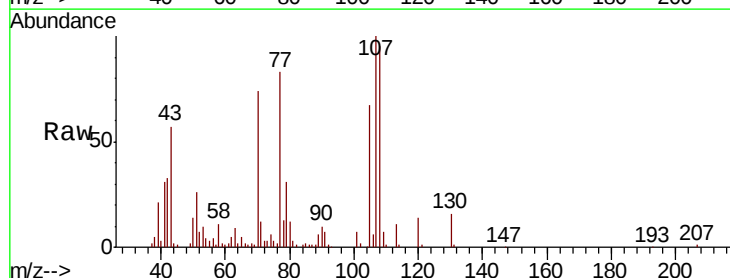
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#20
3+4-Methylphenols
Concen: 47.298 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.4	72.6	112.6	
77	82.6	132.1	172.1#	
79	31.5	12.1	52.1	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF117237.D

Acq: 25 Sep 2019 13:30

Instrument :

BNA_F

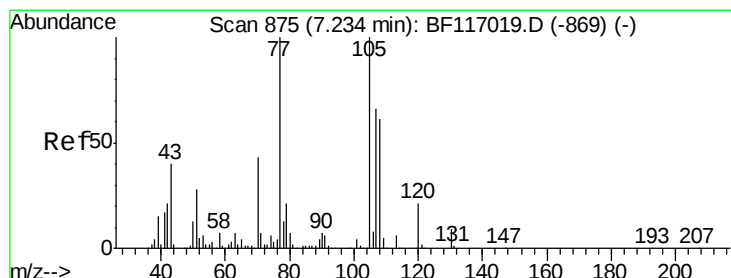
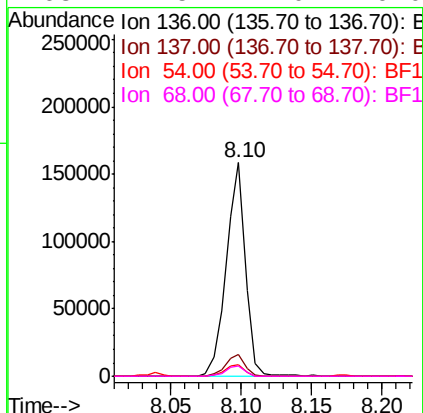
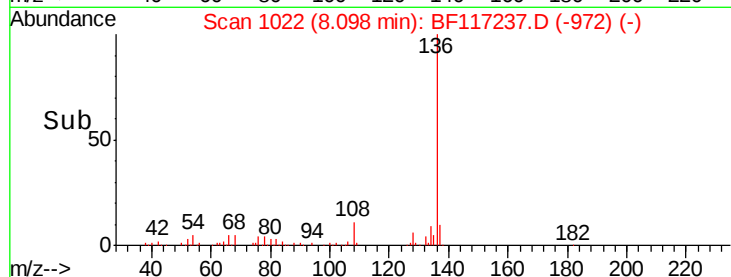
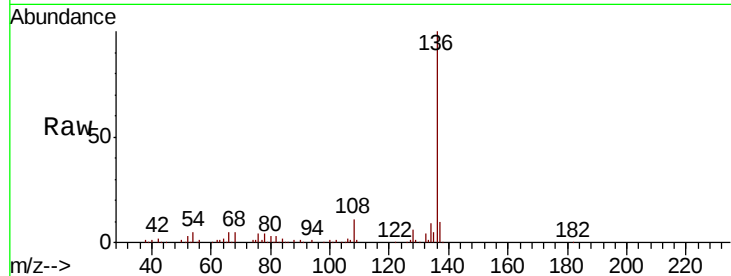
ClientSampleId :

PB123373BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	148521		
137	10.4	9.0	13.4	
54	5.3	4.5	6.7	
68	4.5	4.0	6.0	

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#22

Acetophenone

Concen: 45.062 ng

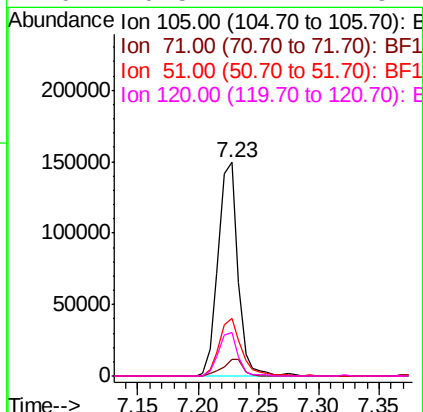
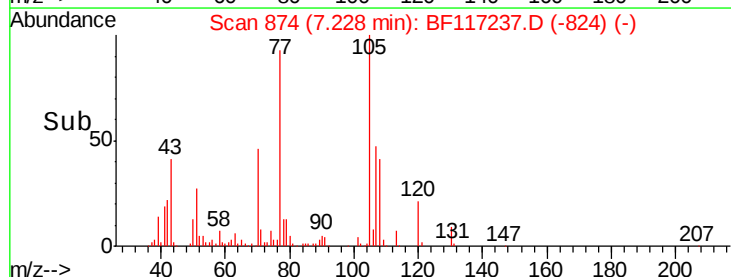
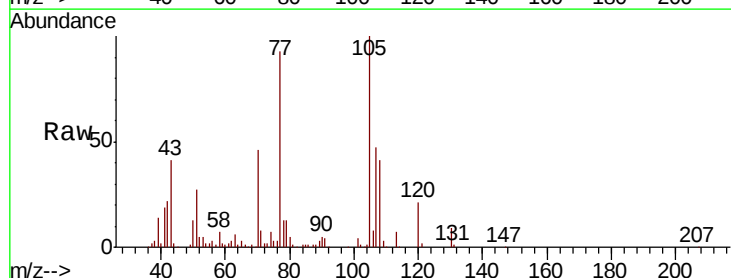
RT: 7.23 min Scan# 874

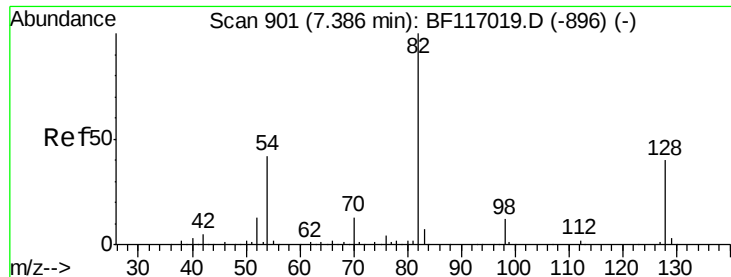
Delta R.T. -0.01 min

Lab File: BF117237.D

Acq: 25 Sep 2019 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	170040		
71	7.6	5.7	8.5	
51	27.3	22.1	33.1	
120	20.5	17.1	25.7	





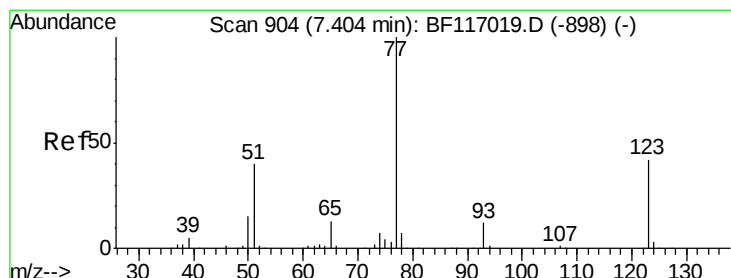
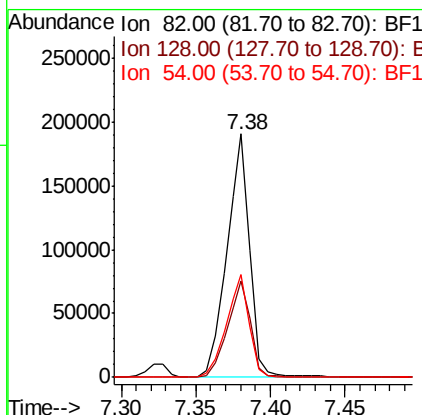
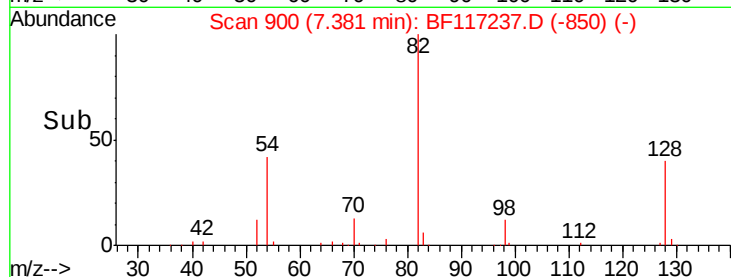
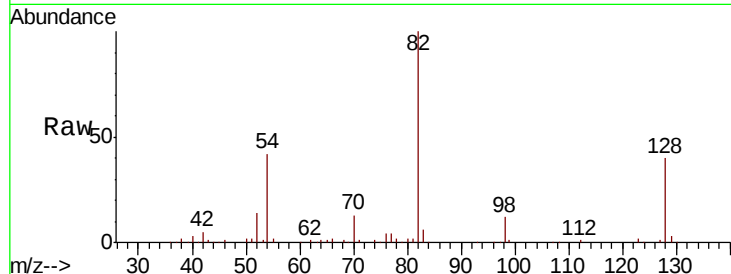
#23
Nitrobenzene-d5
Concen: 72.303 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Instrument :
BNA_F
ClientSampleId :
PB123373BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	204378		
128	39.8		32.3	48.5
54	42.4		33.3	49.9

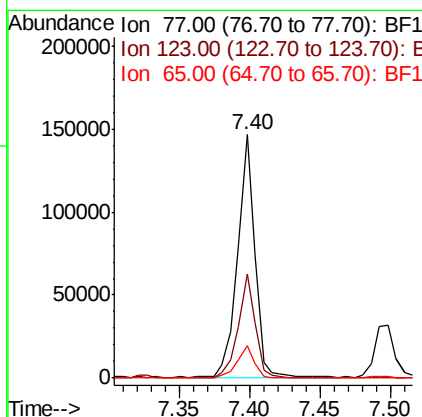
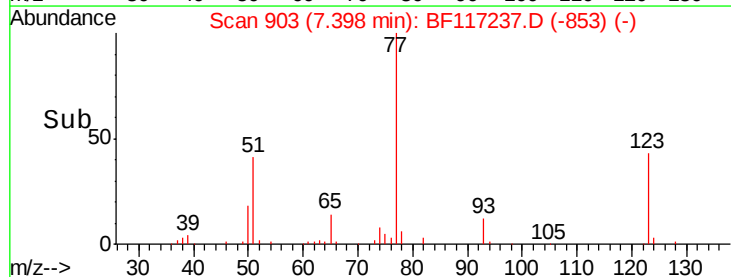
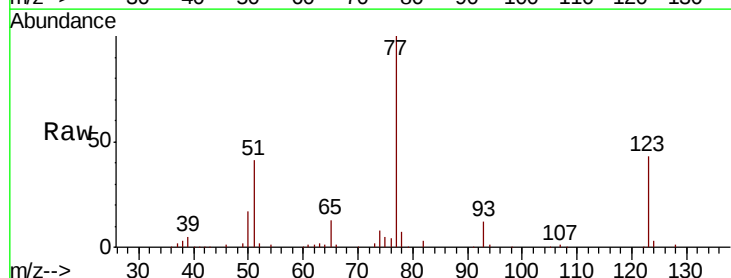
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#24
Nitrobenzene
Concen: 44.694 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	124761		
123	42.5		33.5	50.3
65	13.1		10.5	15.7





#25

Isophorone

Concen: 44.776 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF117237.D

Acq: 25 Sep 2019 13:30

Instrument :

BNA_F

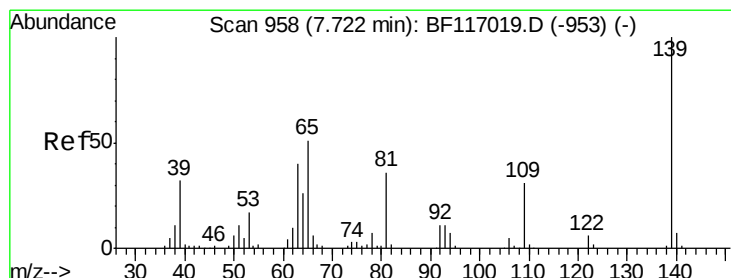
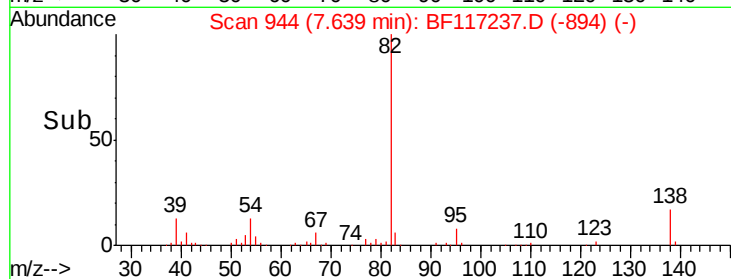
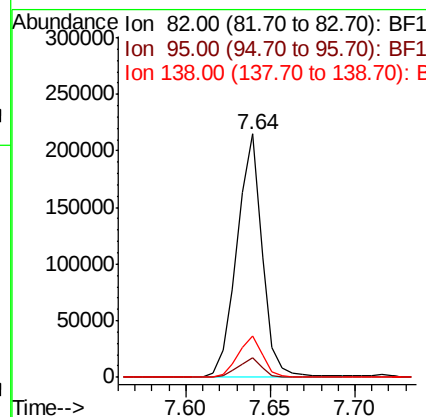
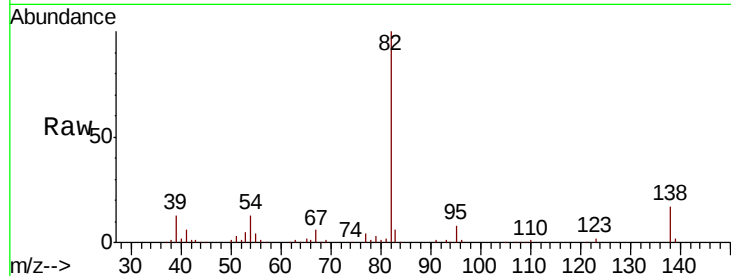
ClientSampleId :

PB123373BS

Tot Ion:	82	Resp:	224099
Ion Ratio	Lower	Upper	
82	100		
95	7.8	5.8	8.6
138	16.9	13.5	20.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.874 ng

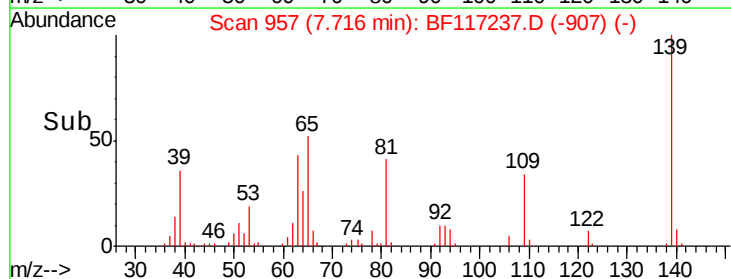
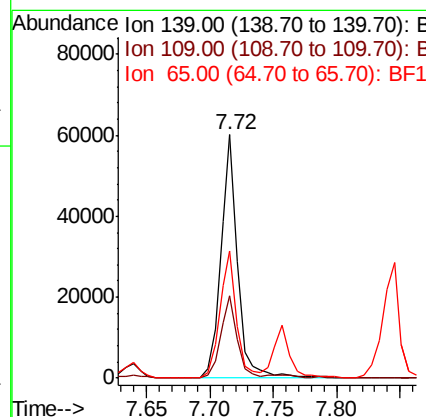
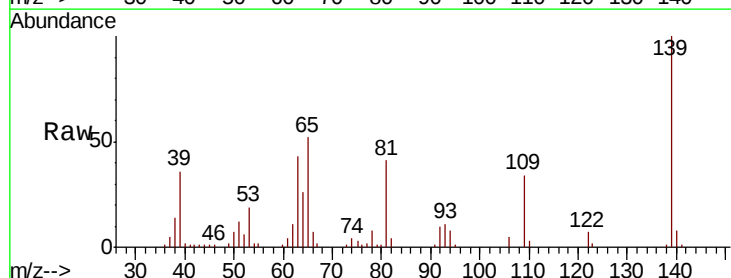
RT: 7.72 min Scan# 957

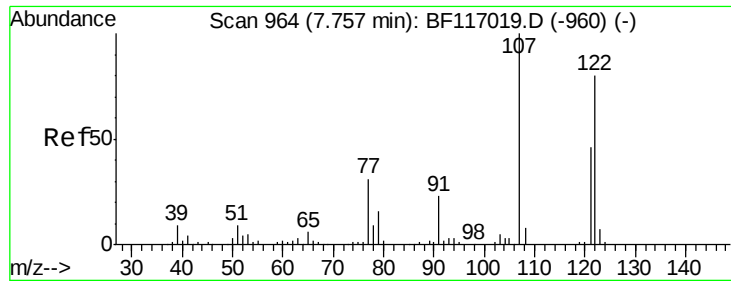
Delta R.T. -0.01 min

Lab File: BF117237.D

Acq: 25 Sep 2019 13:30

Tgt Ion:	139	Resp:	56203
Ion Ratio	Lower	Upper	
139	100		
109	33.9	24.6	36.8
65	52.1	40.9	61.3





#27

2,4-Dimethylphenol

Concen: 51.820 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF117237.D

Acq: 25 Sep 2019 13:30

Instrument :

BNA_F

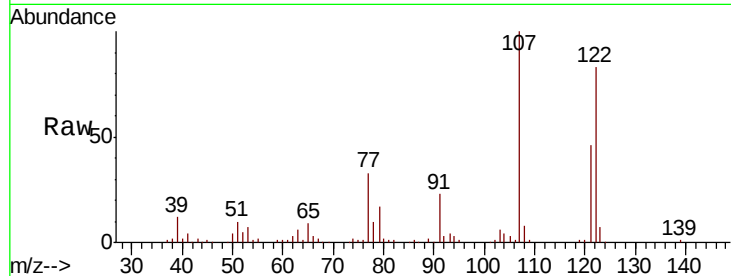
ClientSampleId :

PB123373BS

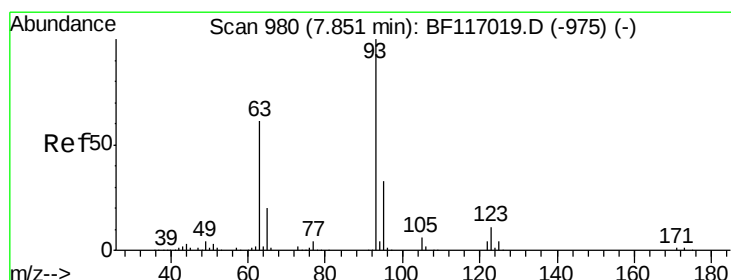
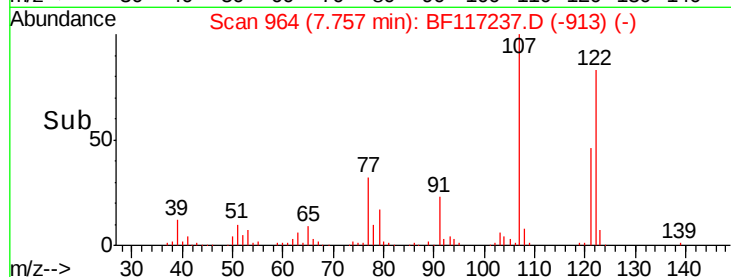
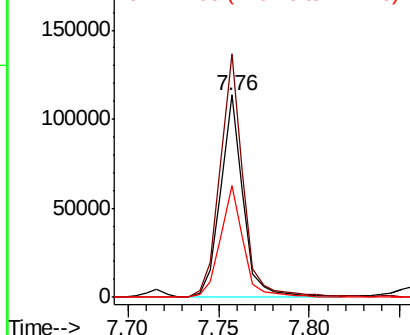
Tot Ion:	122	Resp:	98531
Ion Ratio	Lower	Upper	
122	100		
107	120.5	98.9	148.3
121	55.2	45.3	67.9

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.336 ng

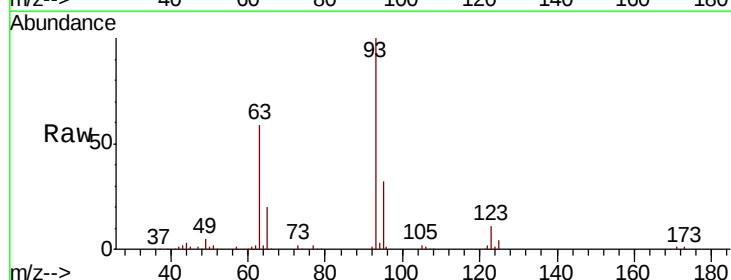
RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

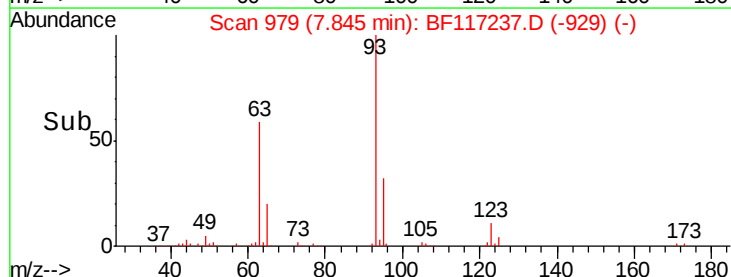
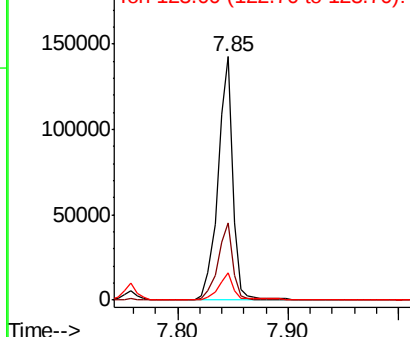
Lab File: BF117237.D

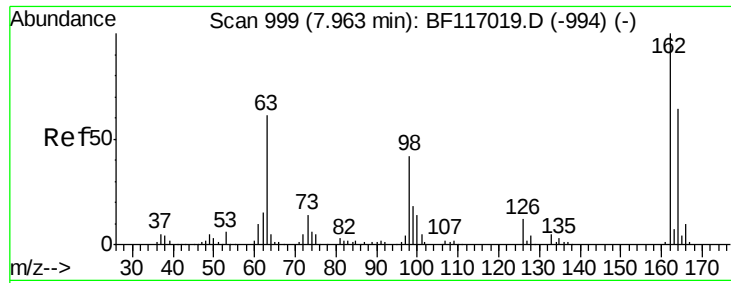
Acq: 25 Sep 2019 13:30

Tgt Ion:	93	Resp:	133628
Ion Ratio	Lower	Upper	
93	100		
95	31.8	26.2	39.4
123	11.3	9.0	13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





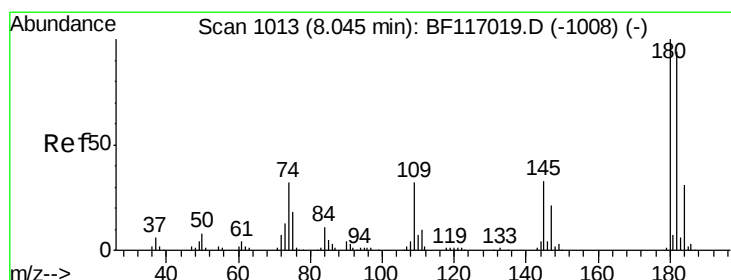
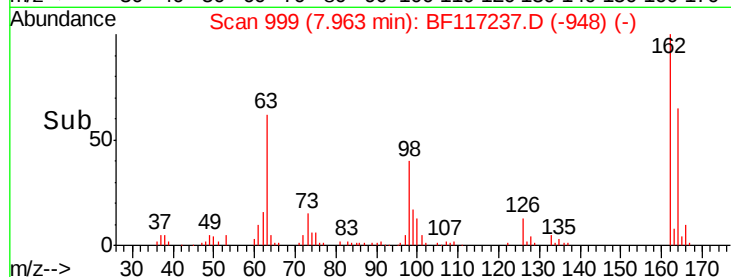
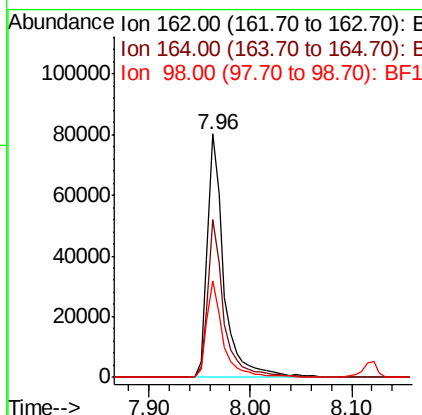
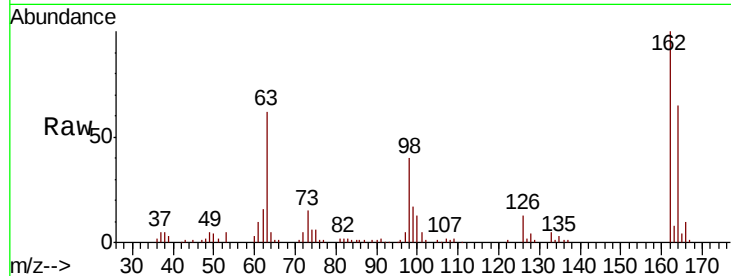
#29
 2,4-Dichlorophenol
 Concen: 45.931 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF117237.D
 Acq: 25 Sep 2019 13:30

Instrument :
 BNA_F
 ClientSampleID :
 PB123373BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	43.8	83.8
98	39.6	22.1	62.1

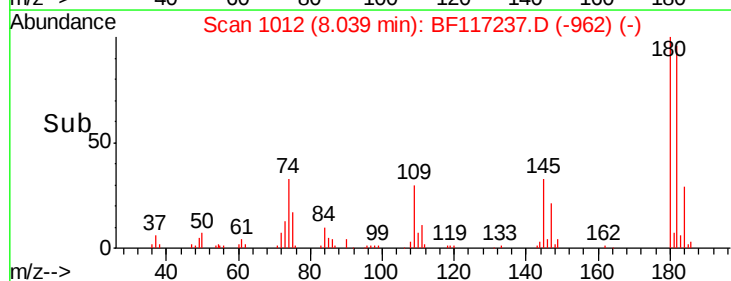
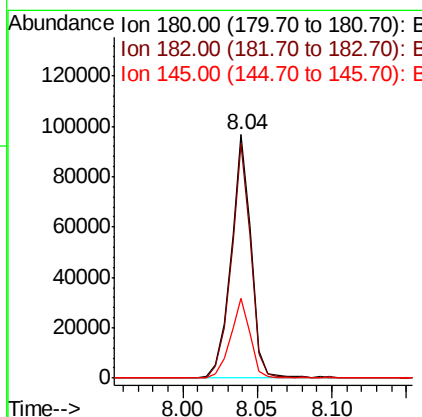
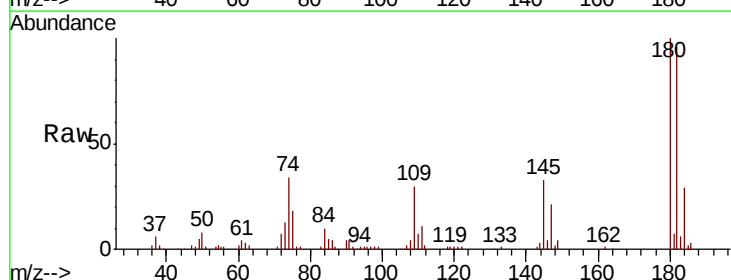
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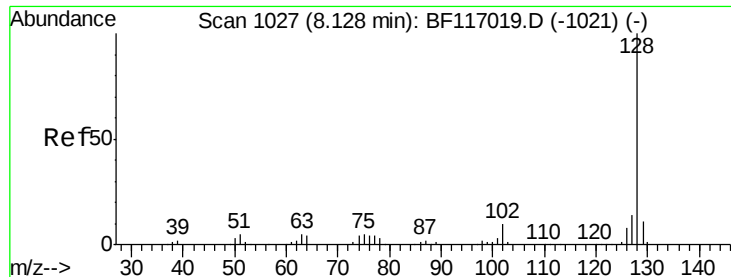
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.326 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BF117237.D
 Acq: 25 Sep 2019 13:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.4	113.0
145	32.6	26.7	40.1





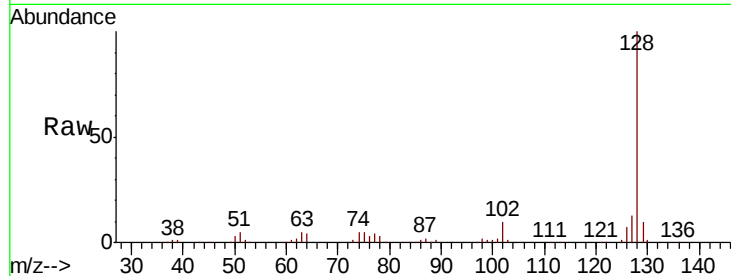
#31
Naphthalene
Concen: 44.857 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Instrument :
BNA_F
ClientSampleId :
PB123373BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	9.9	9.0	13.4
127	13.2	10.8	16.2

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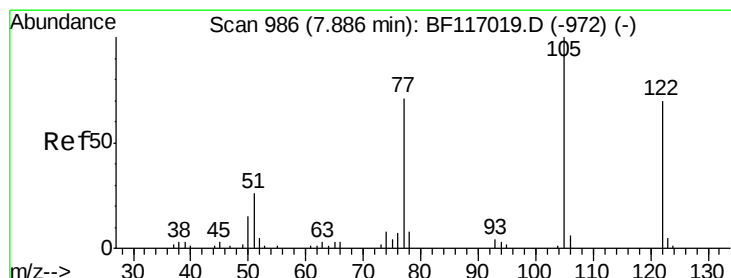
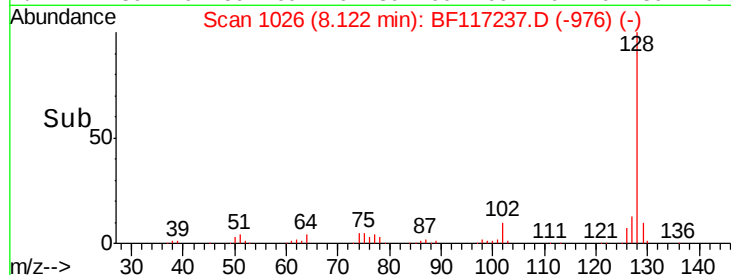
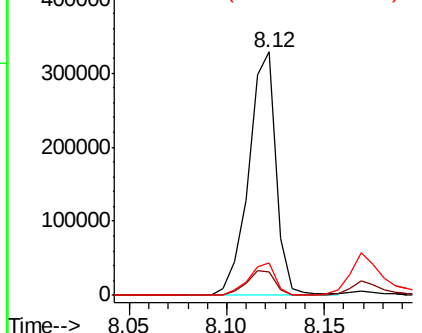


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 26.246 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

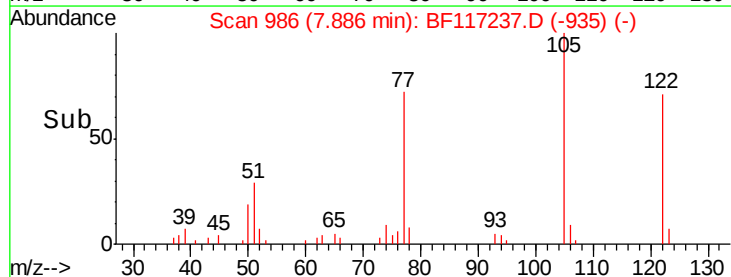
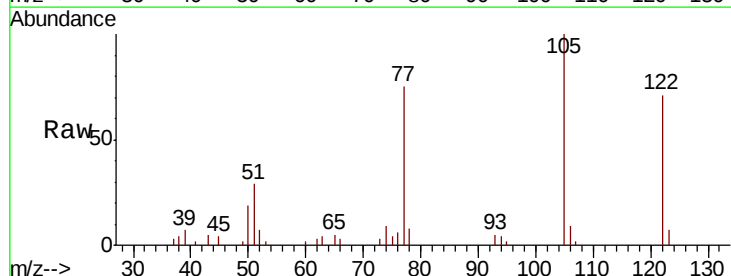
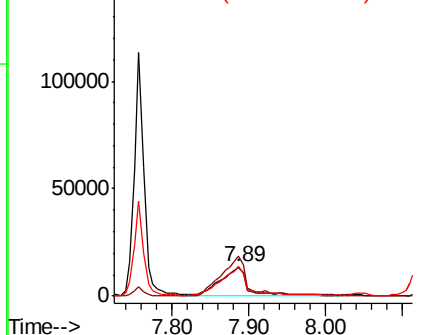
Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.9	114.8	154.8
77	104.5	78.7	118.7

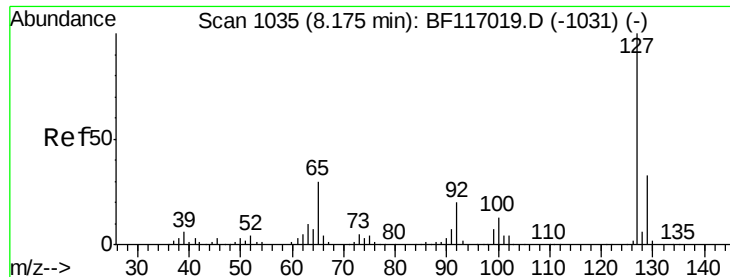
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





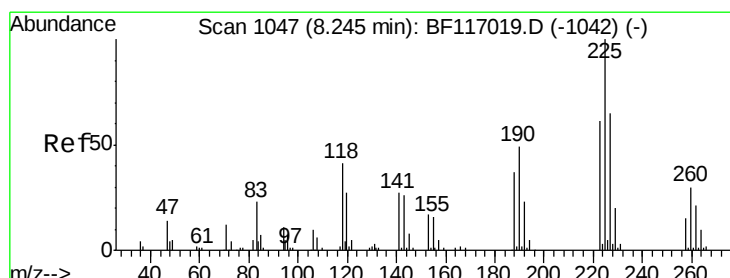
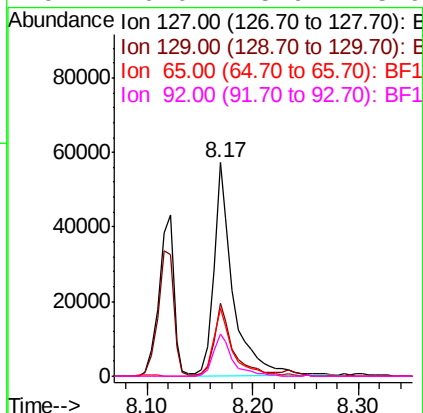
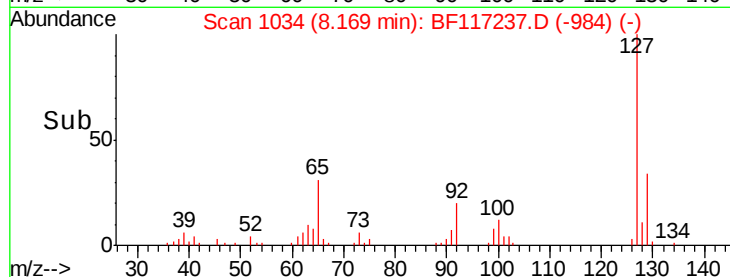
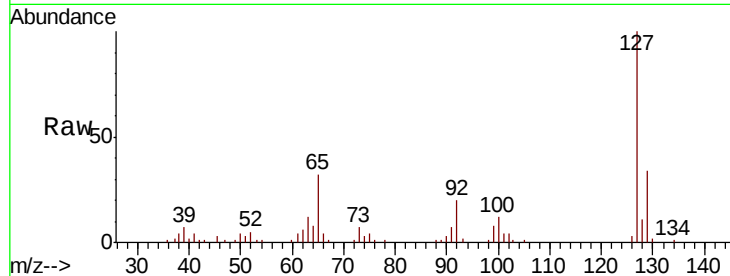
#33
4-Chloroaniline
Concen: 23.036 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Instrument :
BNA_F
ClientSampleId :
PB123373BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.4	26.2	39.2		
65	31.7	23.5	35.3		
92	20.0	15.9	23.9		

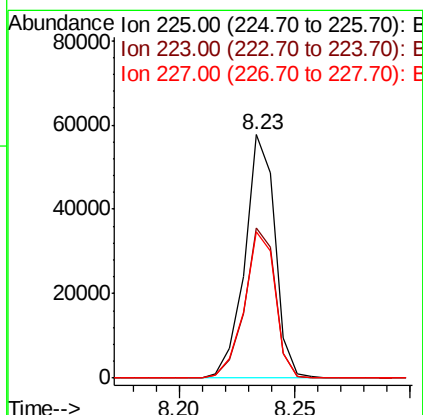
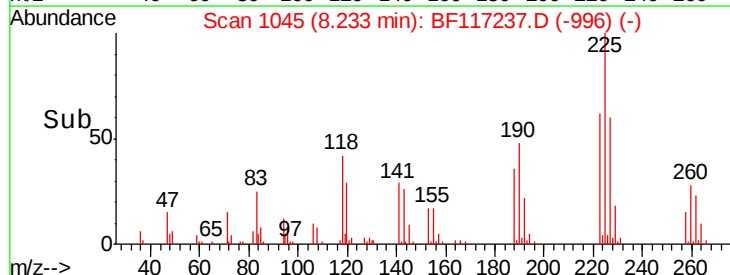
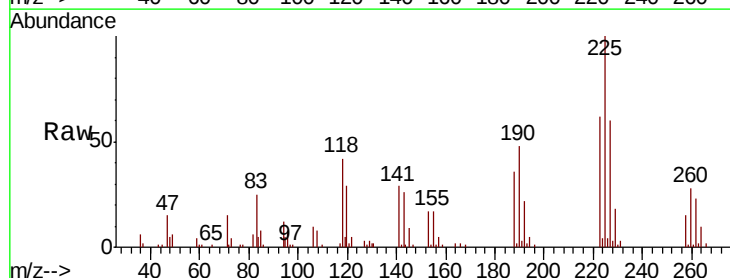
Manual Integrations
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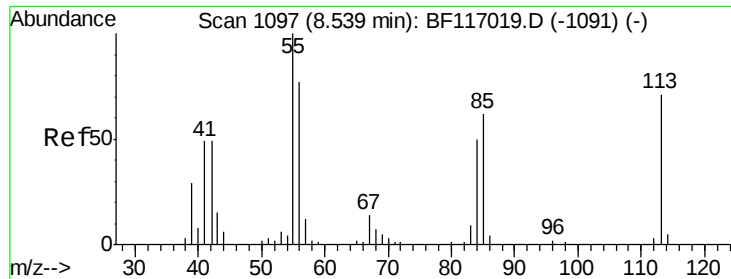
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#34
Hexachlorobutadiene
Concen: 43.255 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.6	49.1	73.7		
227	60.1	52.2	78.2		





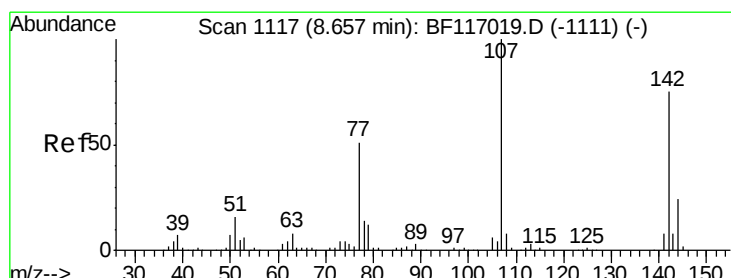
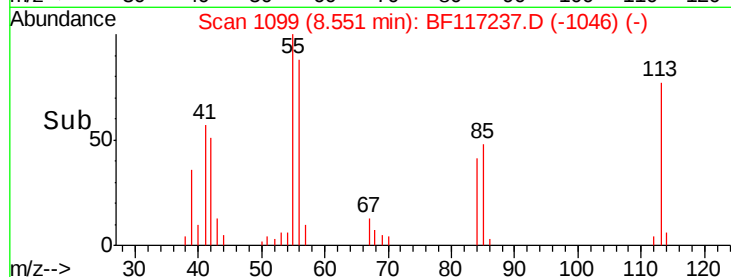
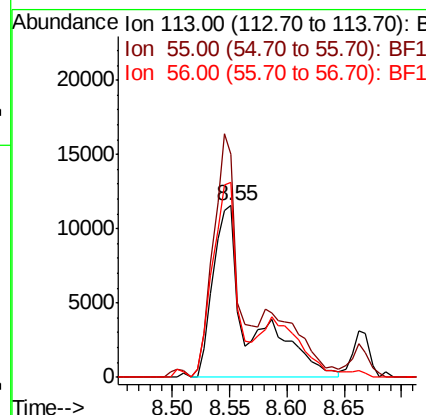
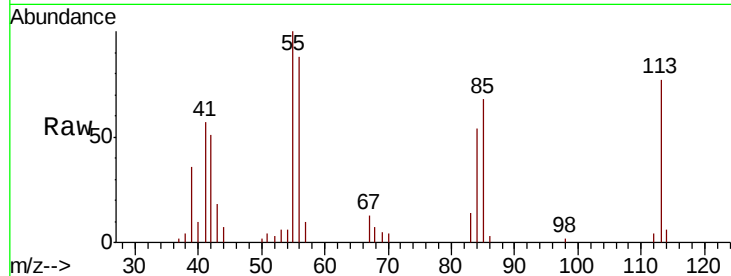
#35
 Caprolactam
 Concen: 38.475 ng/ml
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.01 min
 Lab File: BF117237.D
 Acq: 25 Sep 2019 13:30

Instrument :
 BNA_F
 ClientSampleId :
 PB123373BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	129.5	120.6	160.6
56	113.5	88.8	128.8

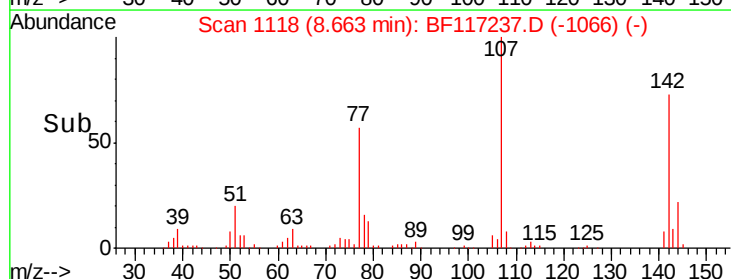
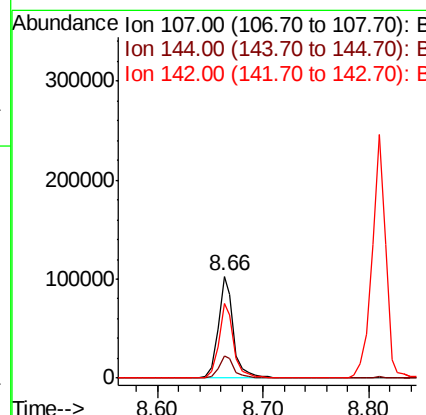
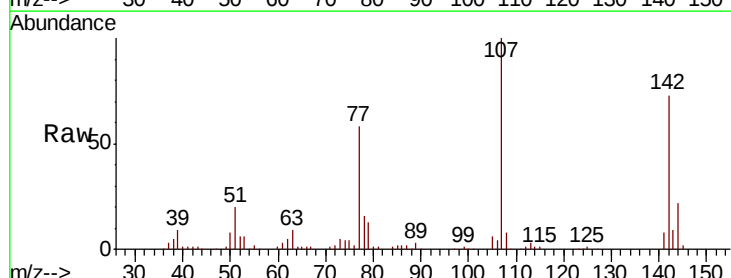
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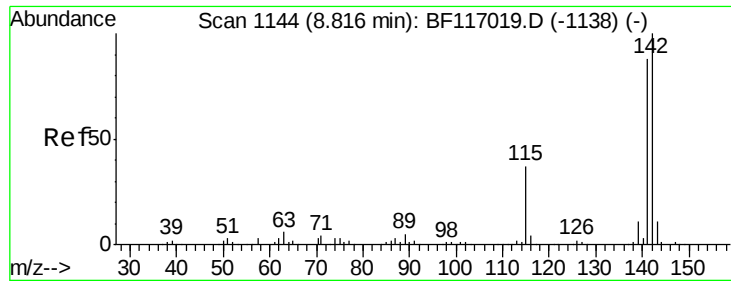
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#36
 4-Chloro-3-methylphenol
 Concen: 45.394 ng/ml
 RT: 8.66 min Scan# 1118
 Delta R.T. 0.01 min
 Lab File: BF117237.D
 Acq: 25 Sep 2019 13:30

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.7	19.2	28.8
142	73.1	59.6	89.4





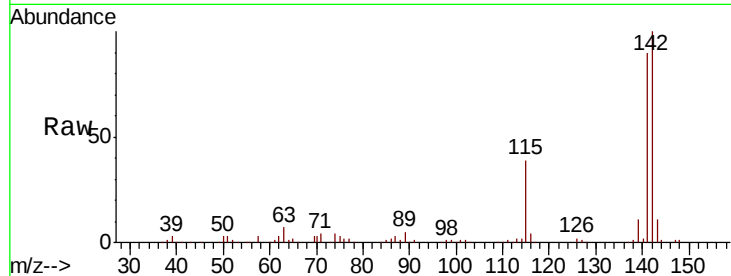
#37
2-Methylnaphthalene
Concen: 45.134 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Instrument :
BNA_F
ClientSampleId :
PB123373BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.7	106.1
115	38.6	29.4	44.0

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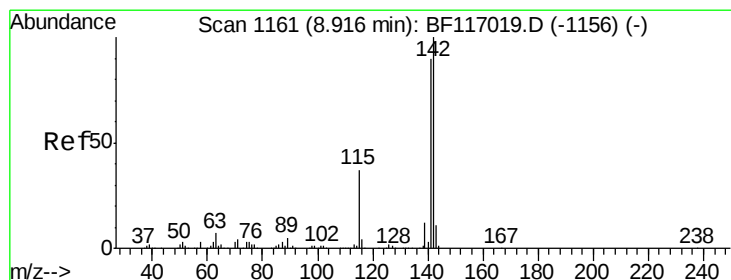
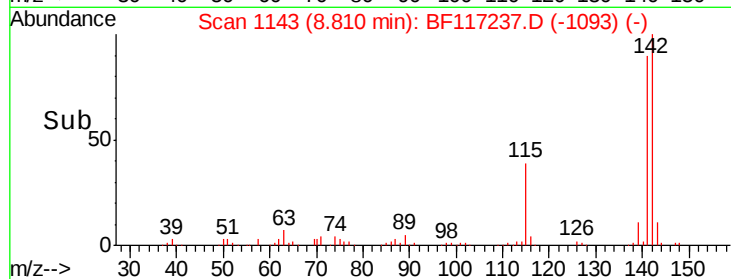
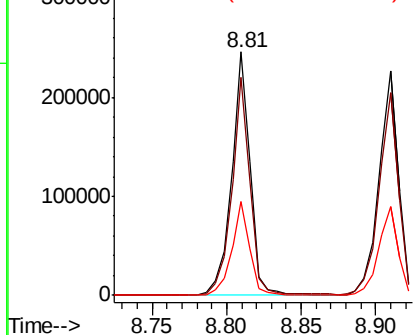


Abundance

Ion 142.00 (141.70 to 142.70): E

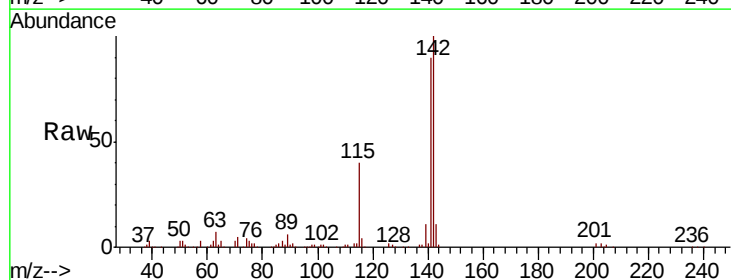
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 44.743 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.9	107.9
116	4.2	3.2	4.8

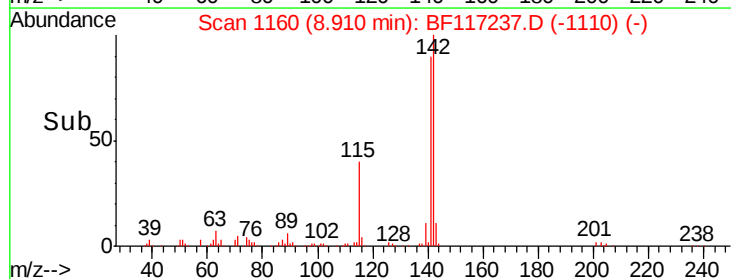
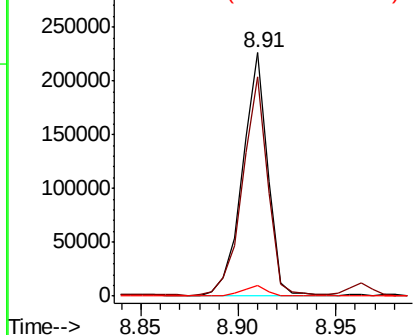


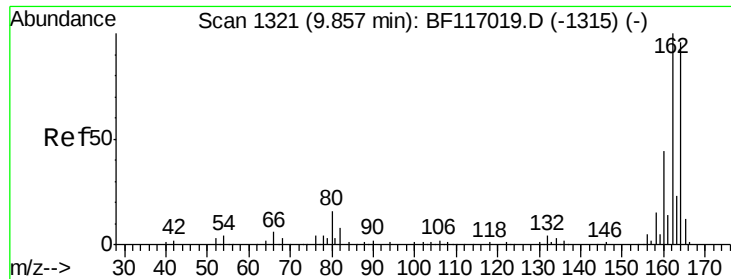
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





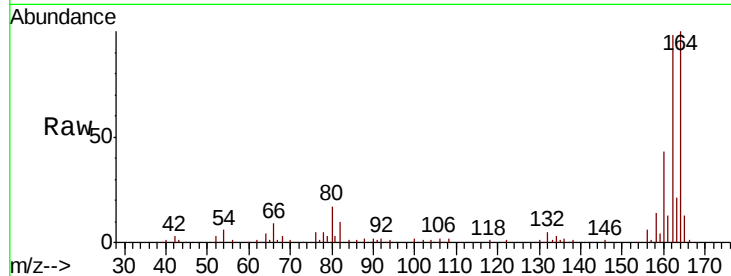
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Instrument :
BNA_F
ClientSampleId :
PB123373BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.4	83.4	125.2
160	42.6	36.4	54.6

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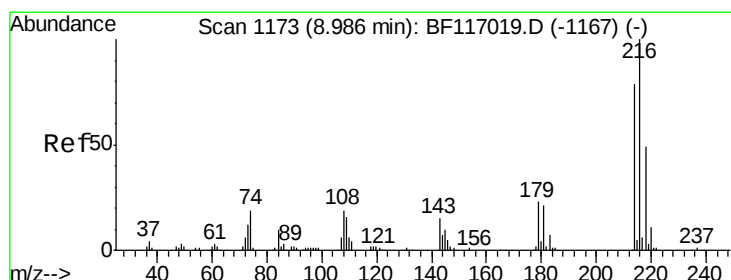
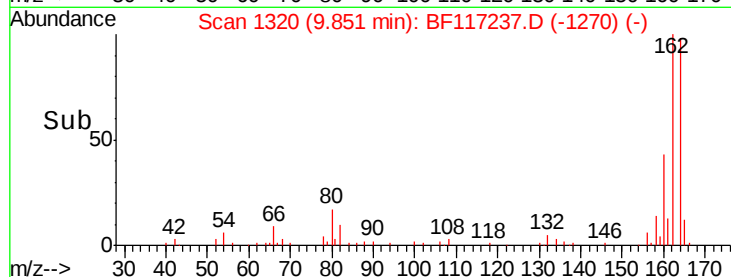
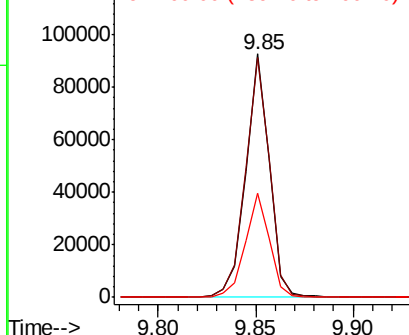


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.246 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.6	95.4
179	22.5	18.3	27.5
108	23.6	17.8	26.6

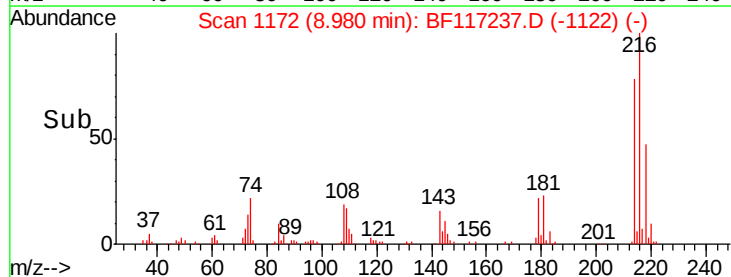
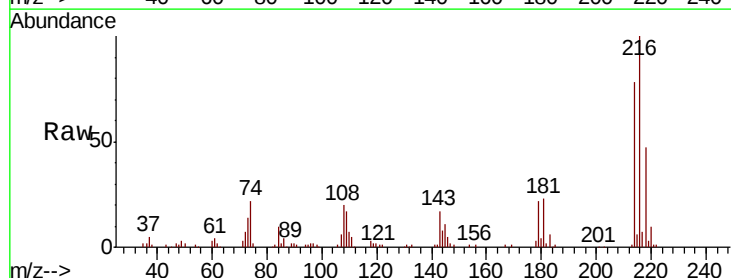
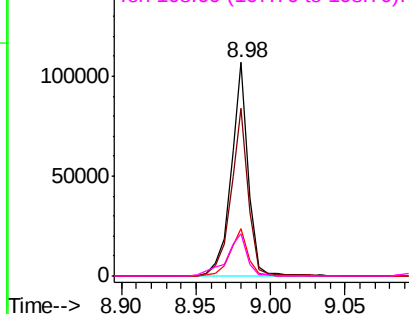
Abundance

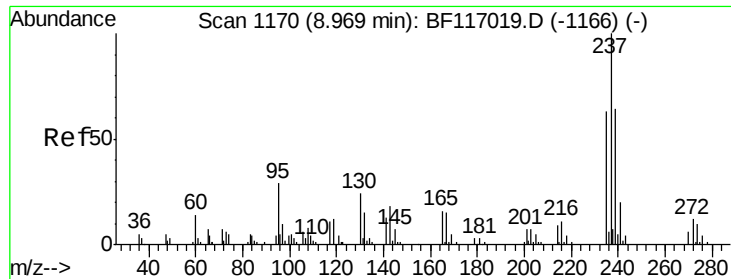
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 70.096 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF117237.D

Acq: 25 Sep 2019 13:30

Instrument :

BNA_F

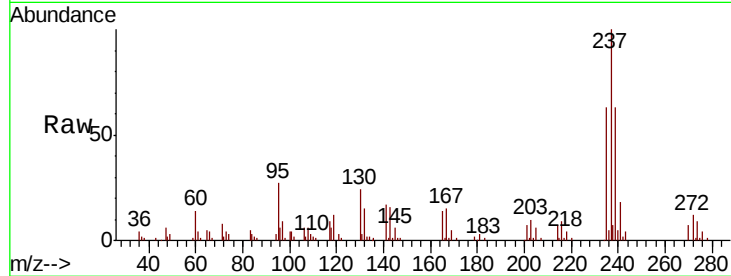
ClientSampleId :

PB123373BS

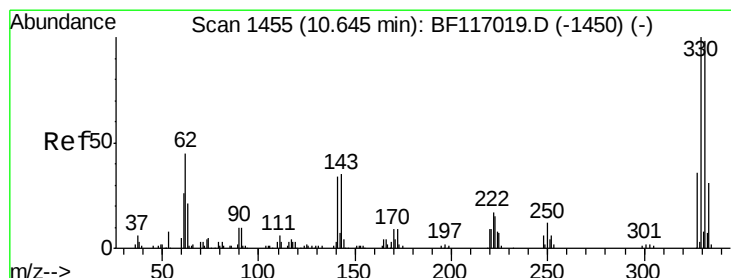
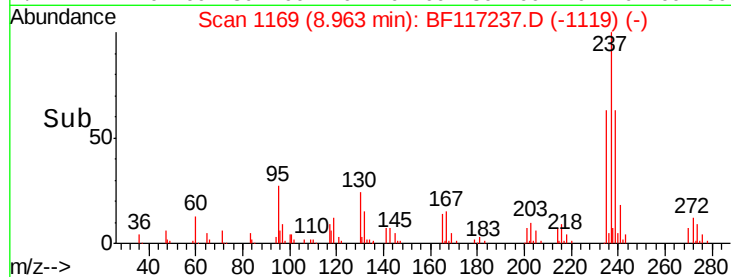
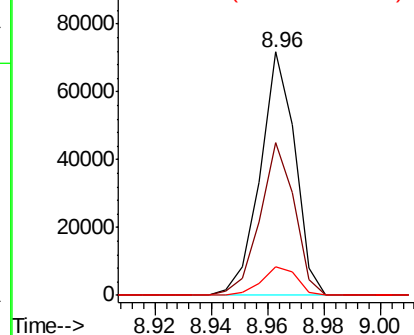
Tot Ion:	237	Resp:	61051
Ion Ratio	Lower	Upper	
237	100		
235	62.8	43.2	83.2
272	11.7	0.0	31.9

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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: 119.883 ng

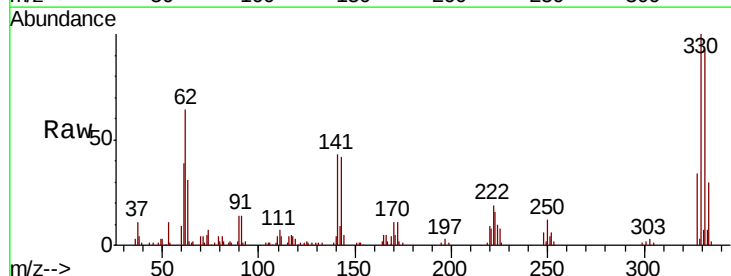
RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

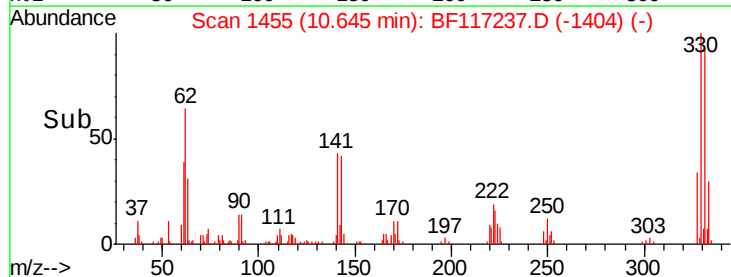
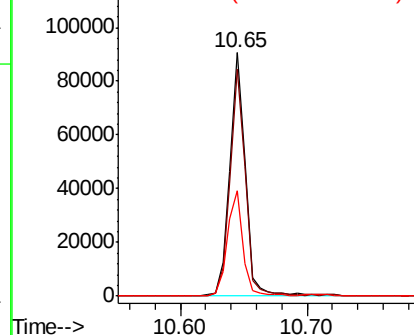
Lab File: BF117237.D

Acq: 25 Sep 2019 13:30

Tgt Ion:	330	Resp:	77646
Ion Ratio	Lower	Upper	
330	100		
332	91.9	78.0	117.0
141	43.4	35.8	53.6



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





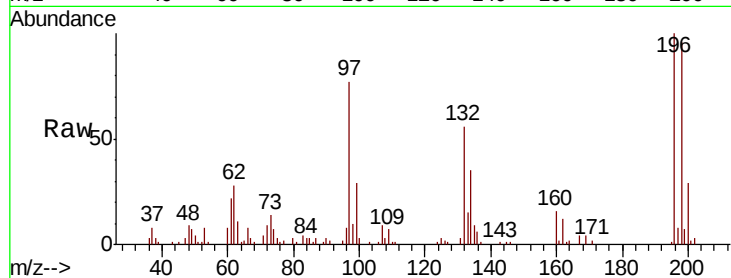
#43
 2,4,6-Trichlorophenol
 Concen: 43.359 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF117237.D
 Acq: 25 Sep 2019 13:30

Instrument :
 BNA_F
 ClientSampleId :
 PB123373BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	58883		
198	96.5	75.7	113.5	
200	29.0	23.3	34.9	

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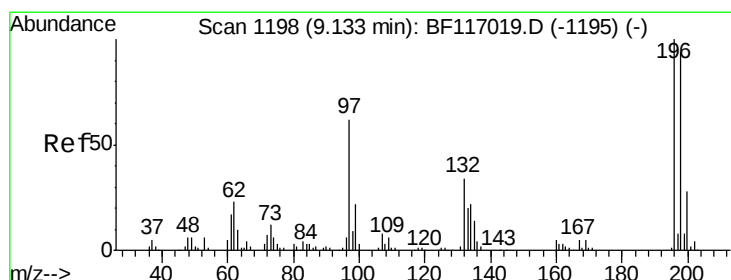
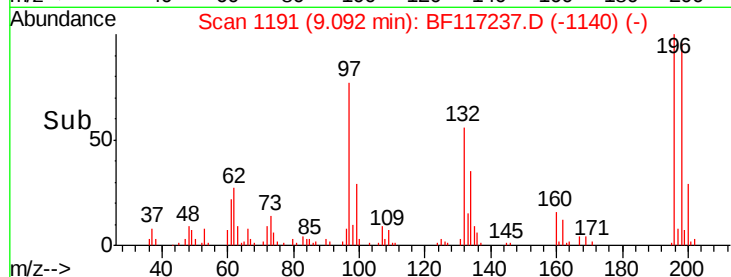
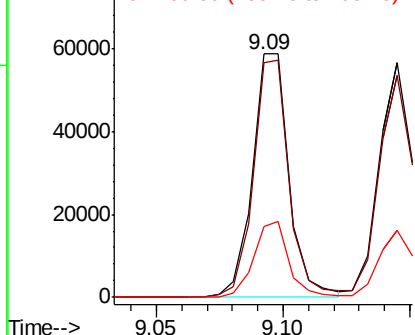


Abundance

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: 43.819 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF117237.D
 Acq: 25 Sep 2019 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	63578		
198	94.7	74.6	112.0	
97	57.2	49.5	74.3	
132	30.8	27.4	41.2	

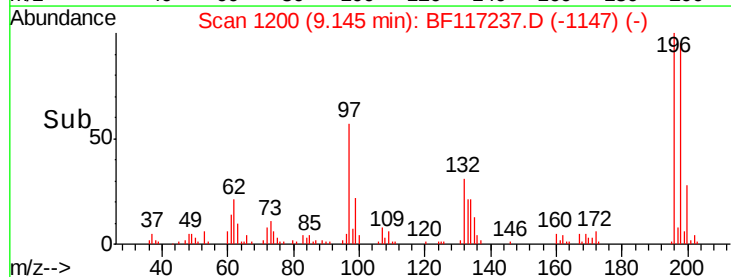
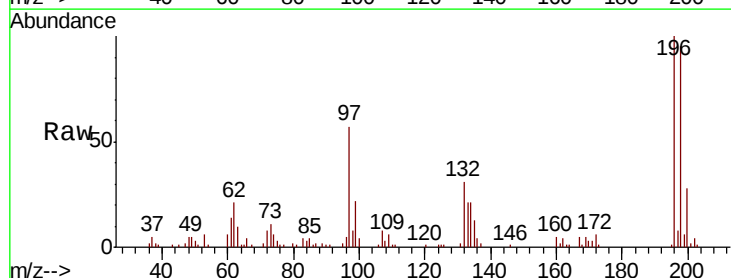
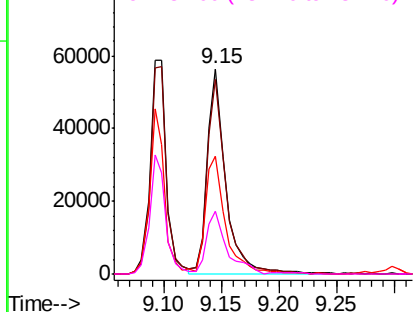
Abundance

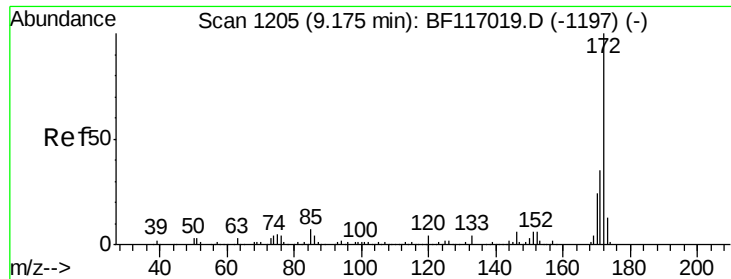
Ion 196.00 (195.70 to 196.70): E

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





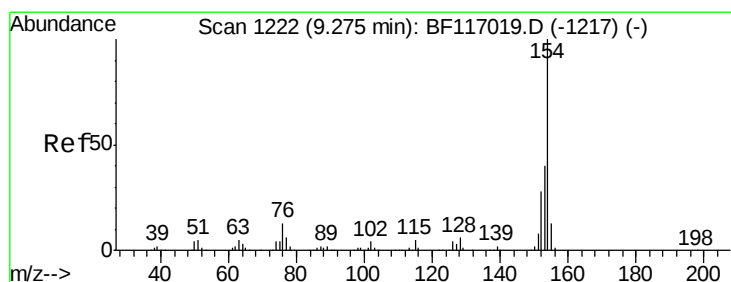
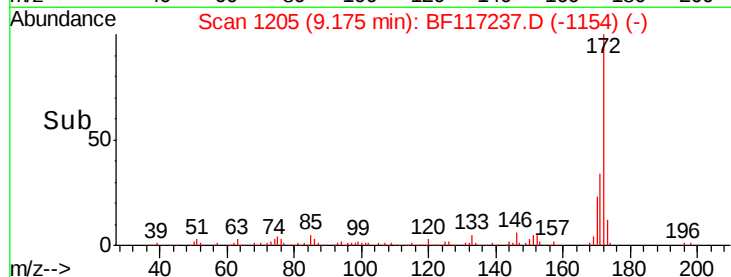
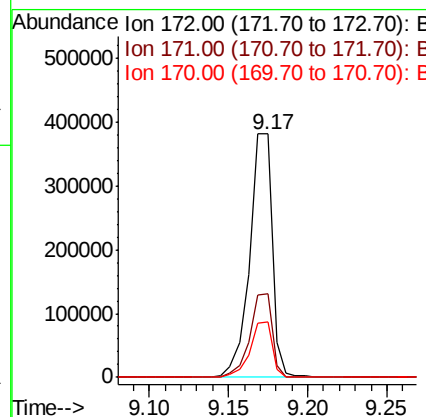
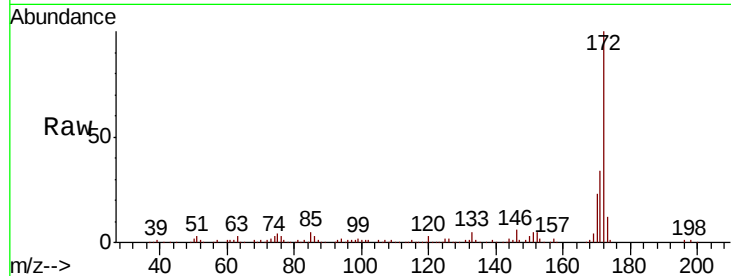
#45
2-Fluorobiphenyl
Concen: 75.997 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Instrument :
BNA_F
ClientSampleId :
PB123373BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.2	42.2
170	22.7	18.9	28.3

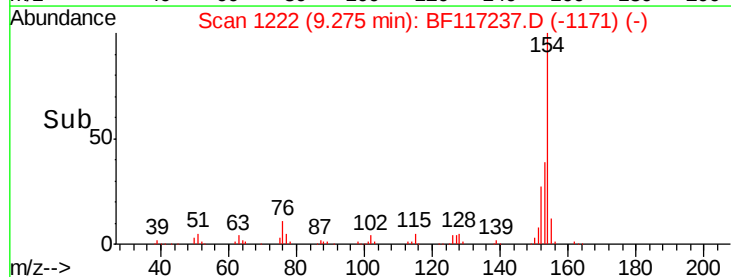
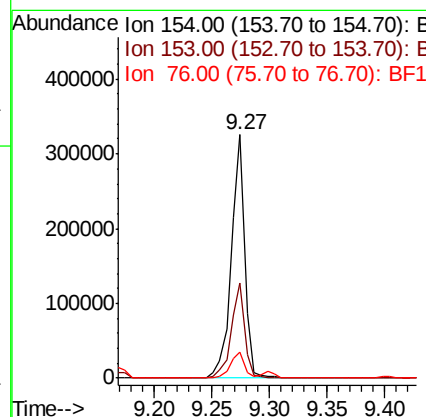
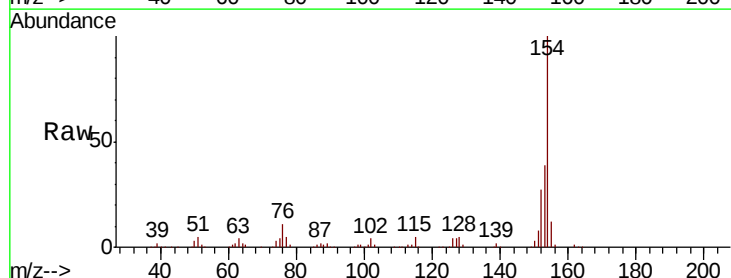
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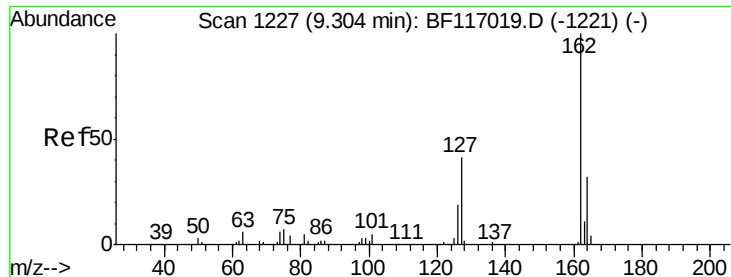
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#46
1,1'-Biphenyl
Concen: 43.156 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.9	20.0	60.0
76	10.9	0.0	32.7





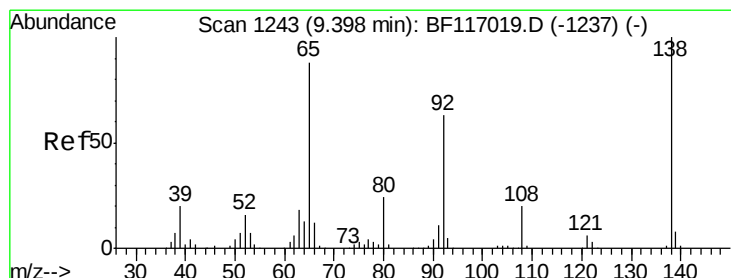
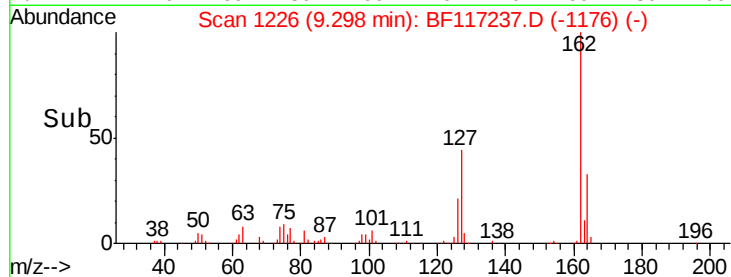
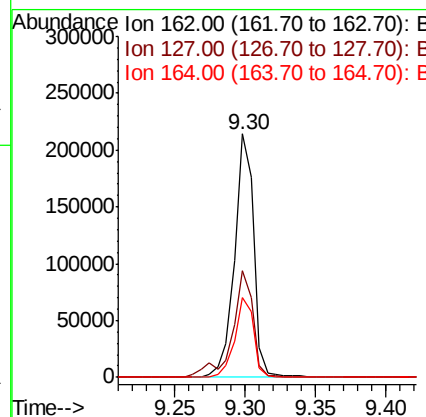
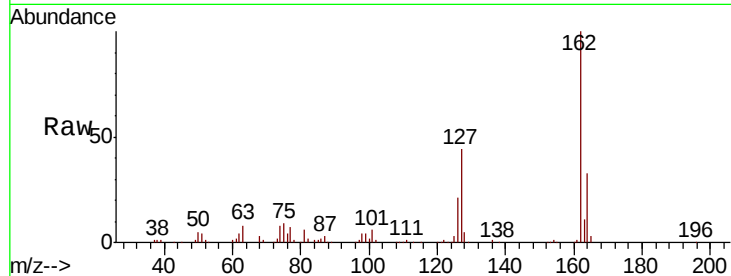
#47
2-Chloronaphthalene
Concen: 42.126 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Instrument :
BNA_F
ClientSampleId :
PB123373BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	43.9	34.1	51.1		
164	32.5	25.9	38.9		

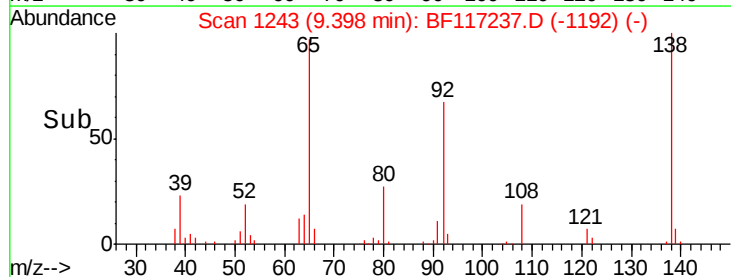
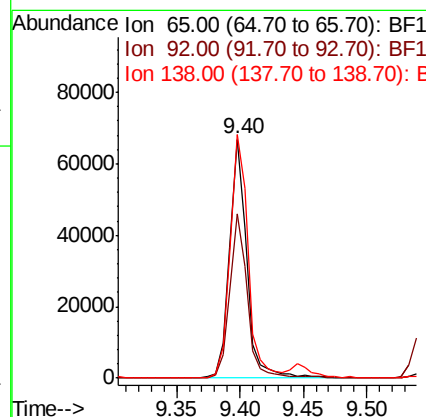
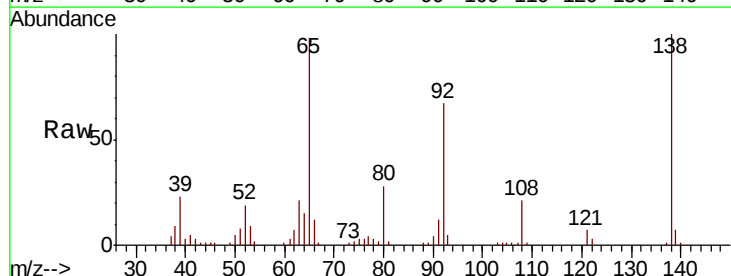
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#48
2-Nitroaniline
Concen: 41.167 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	68.6	57.5	86.3		
138	101.9	90.6	136.0		





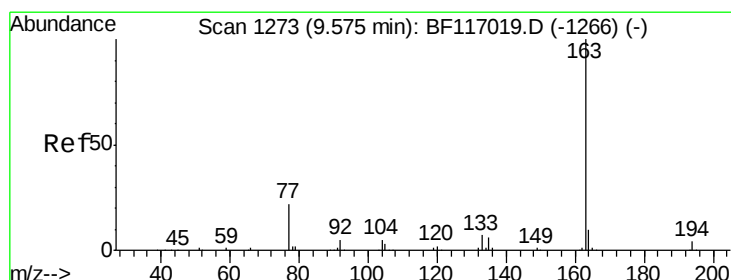
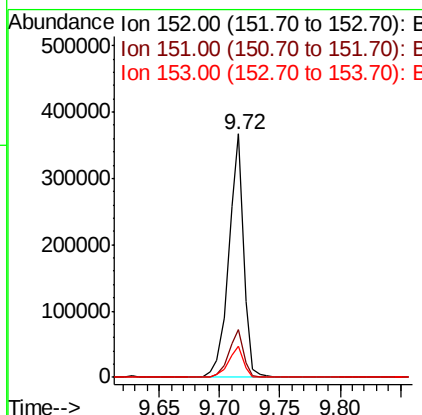
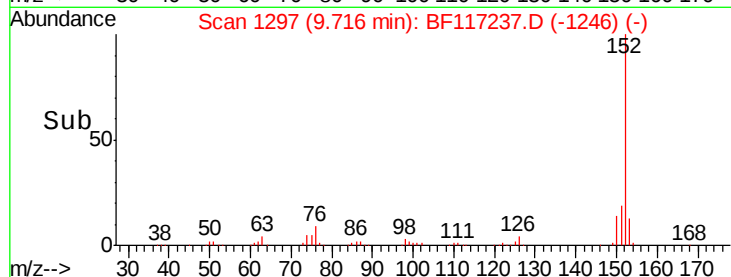
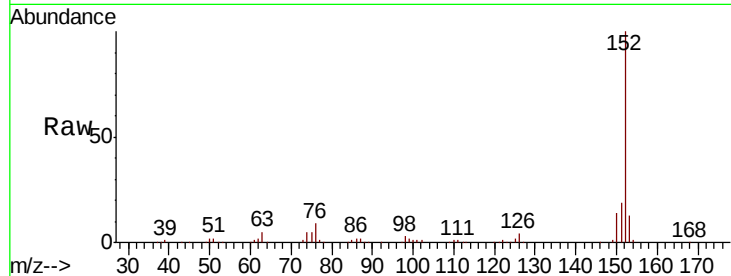
#49
Acenaphthylene
Concen: 43.510 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Instrument :
BNA_F
ClientSampleId :
PB123373BS

Tot Ion:	152	Resp:	312697
Ion Ratio	Lower	Upper	
152	100		
151	19.5	16.2	24.2
153	13.0	10.2	15.4

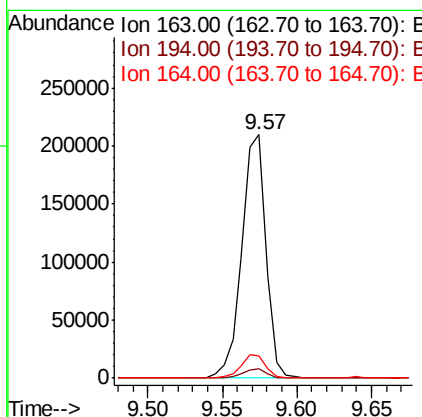
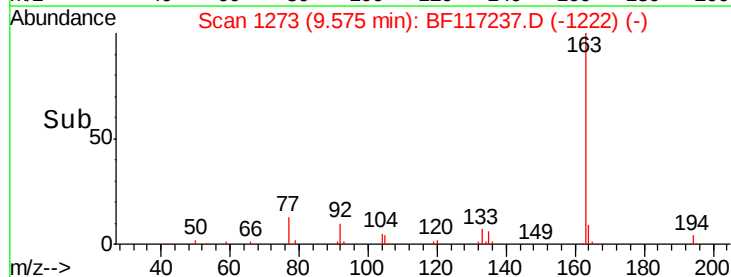
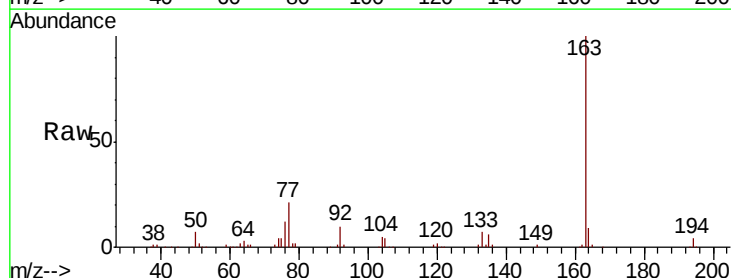
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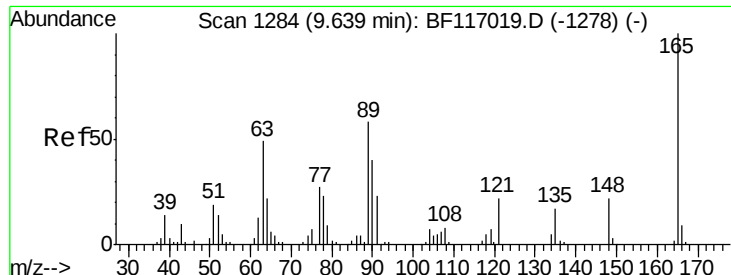
mohammad
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#50
Dimethylphthalate
Concen: 42.943 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Tgt Ion:	163	Resp:	235628
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.9	4.3
164	9.2	8.2	12.4





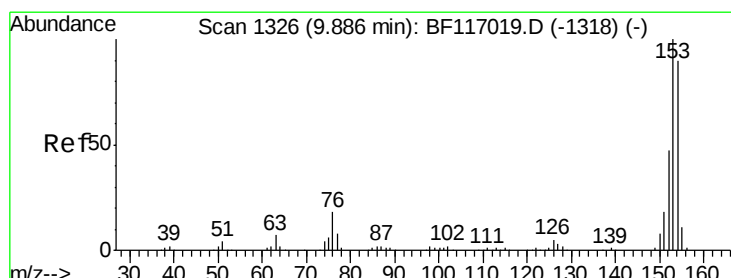
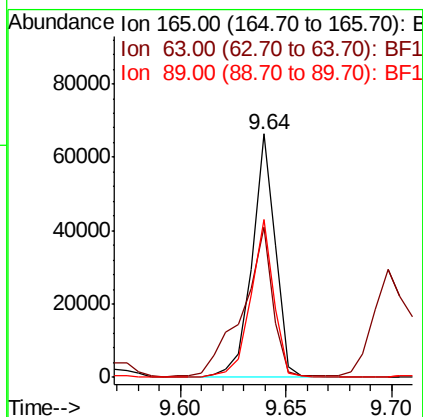
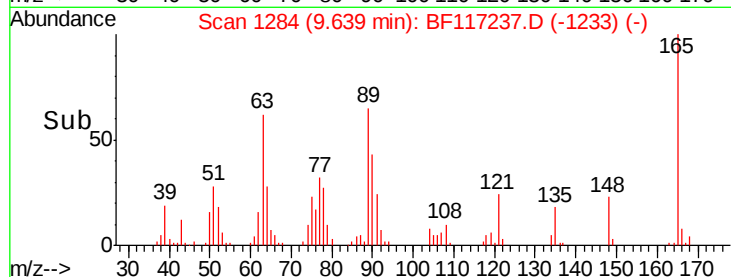
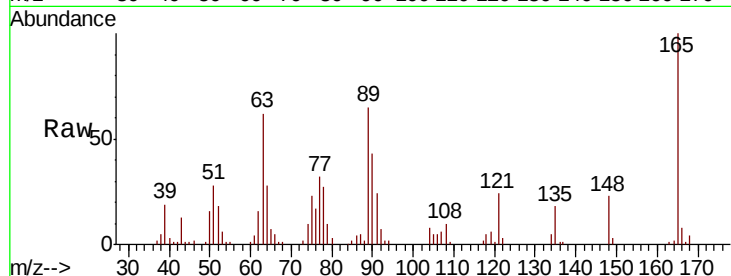
#51
 2,6-Dinitrotoluene
 Concen: 45.652 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BF117237.D
 Acq: 25 Sep 2019 13:30

Instrument :
 BNA_F
 ClientSampleId :
 PB123373BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	51017		
63	61.8	41.8	62.8	
89	64.8	46.5	69.7	

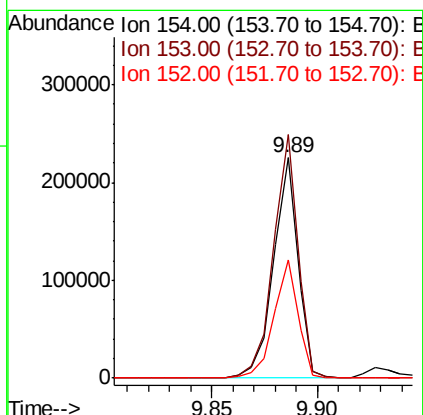
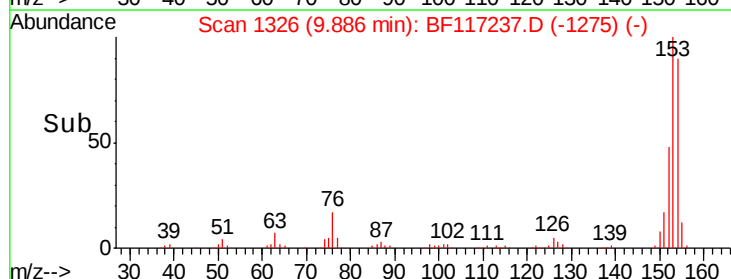
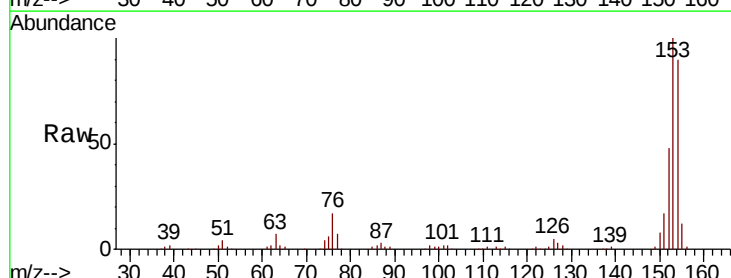
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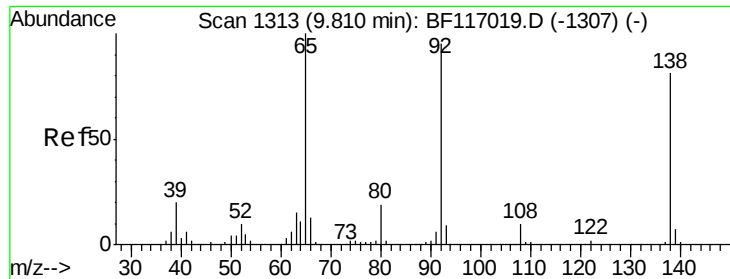
mohammad
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#52
 Acenaphthene
 Concen: 42.685 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF117237.D
 Acq: 25 Sep 2019 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	181848		
153	110.7	89.0	133.6	
152	53.7	41.9	62.9	





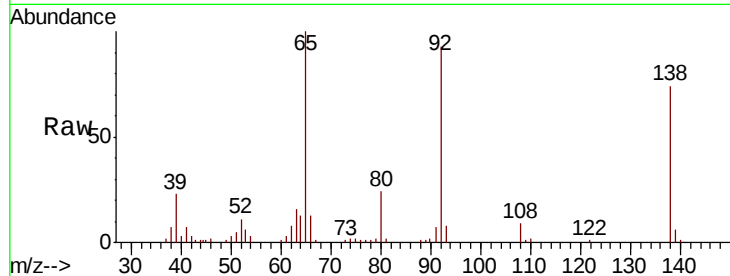
#53
 3-Nitroaniline
 Concen: 30.098 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF117237.D
 Acq: 25 Sep 2019 13:30

Instrument :
 BNA_F
 ClientSampleId :
 PB123373BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.9	9.5	14.3
92	126.2	94.1	141.1

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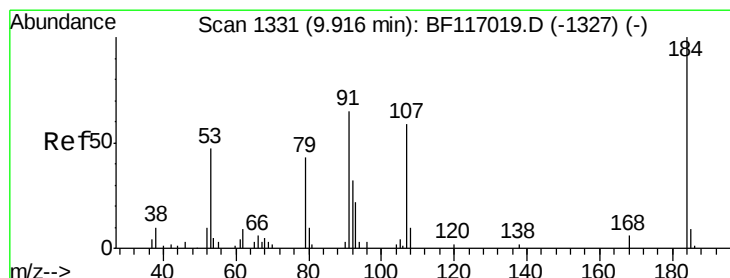
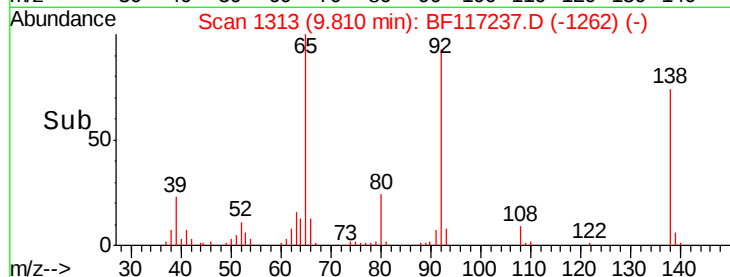
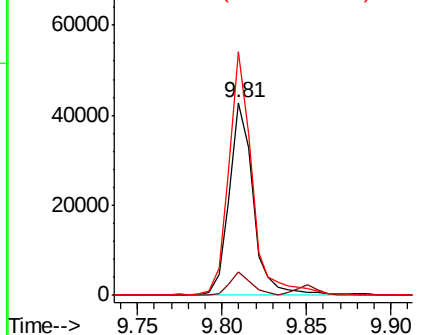


Abundance

Ion 138.00 (137.70 to 138.70): E

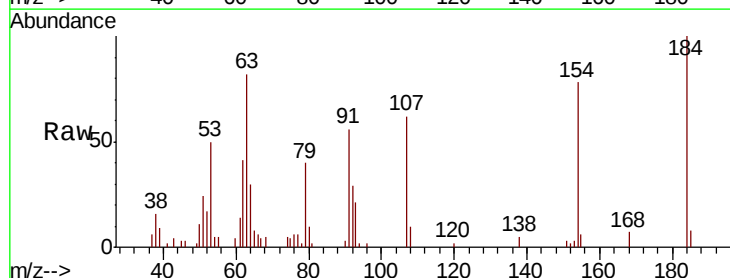
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
 2,4-Dinitrophenol
 Concen: 41.186 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF117237.D
 Acq: 25 Sep 2019 13:30

Tgt Ion	Ratio	Lower	Upper
184	100		
63	82.3	63.8	95.6
154	78.2	60.4	90.6

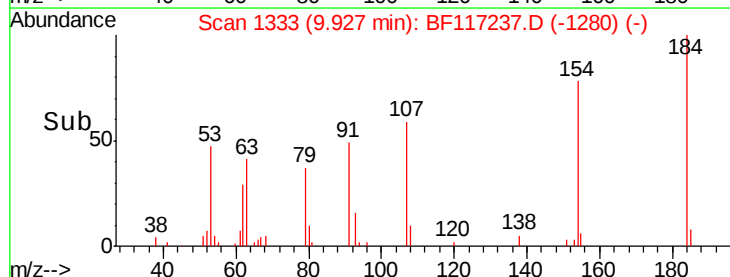
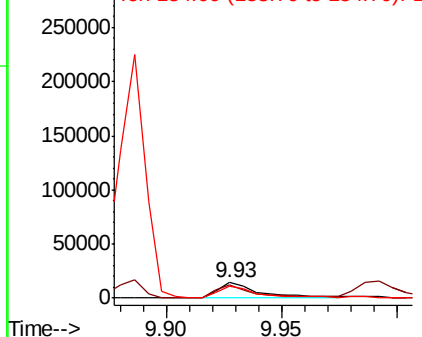


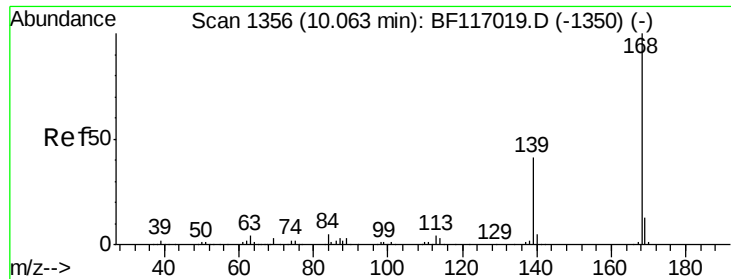
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





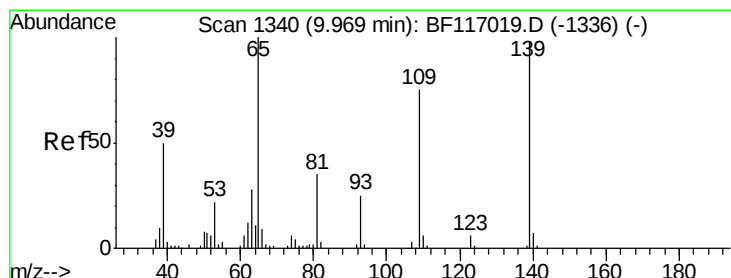
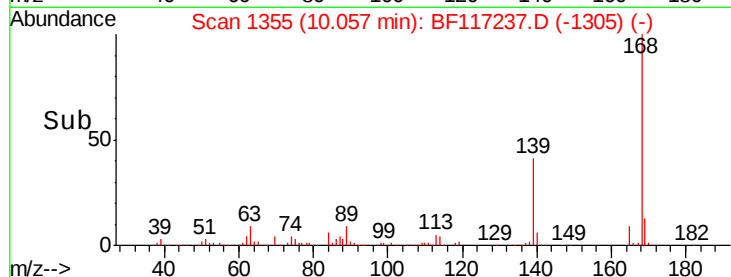
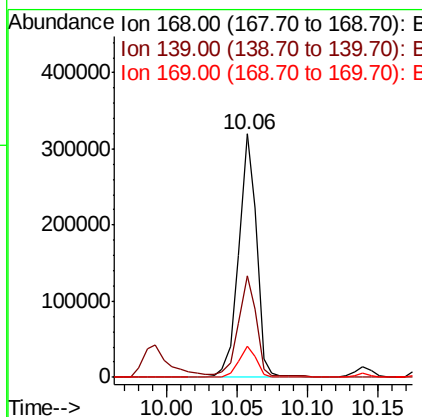
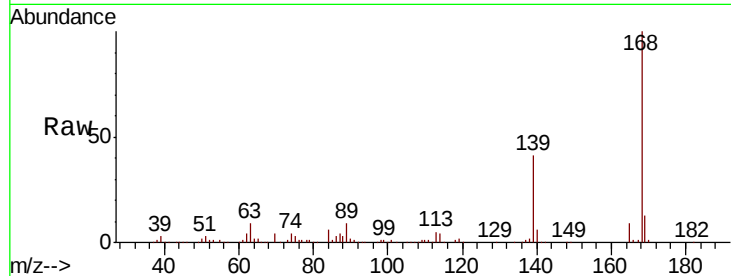
#55
Dibenzenofuran
Concen: 44.612 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Instrument :
BNA_F
ClientSampleId :
PB123373BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.4	32.8	49.2
169	12.8	10.5	15.7

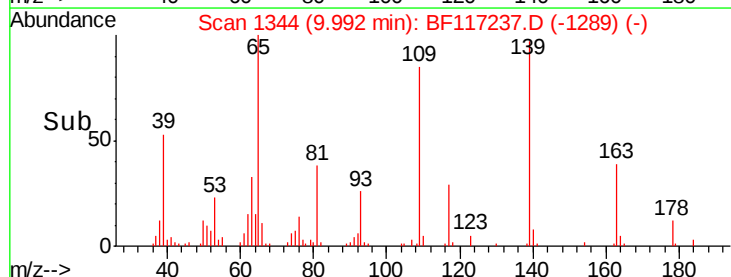
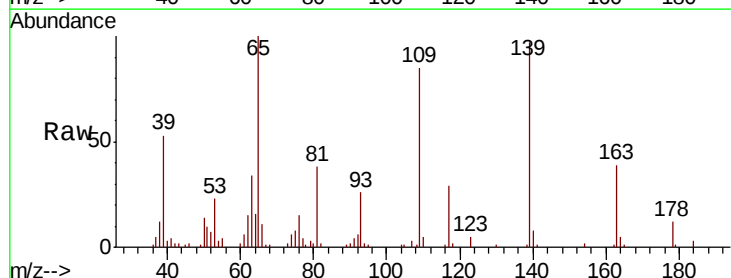
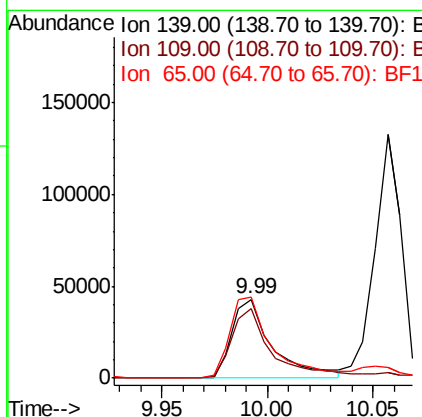
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#56
4-Nitrophenol
Concen: 62.546 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Tgt Ion	Ratio	Lower	Upper
139	100		
109	87.6	56.4	96.4
65	103.2	82.5	122.5





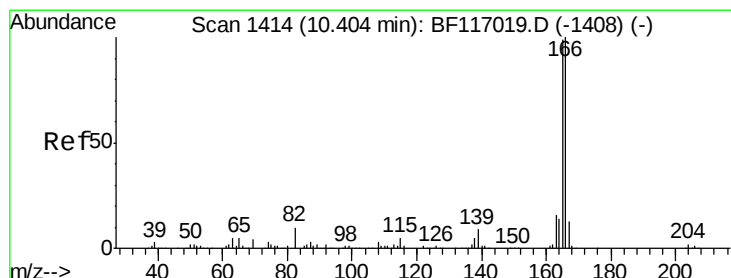
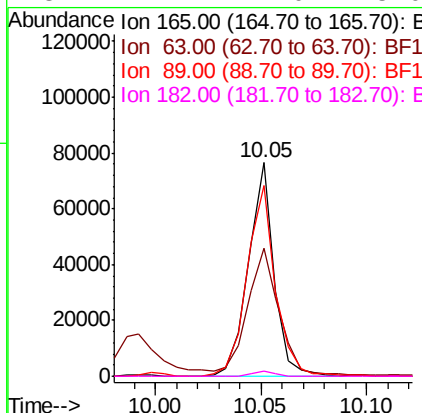
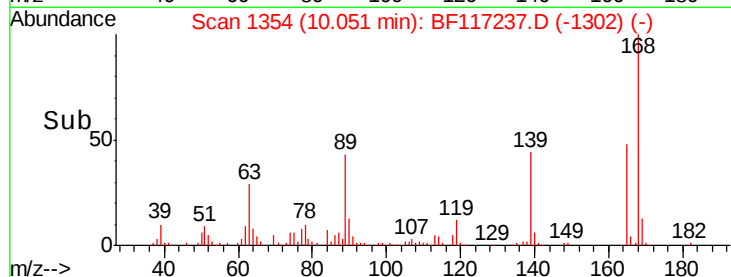
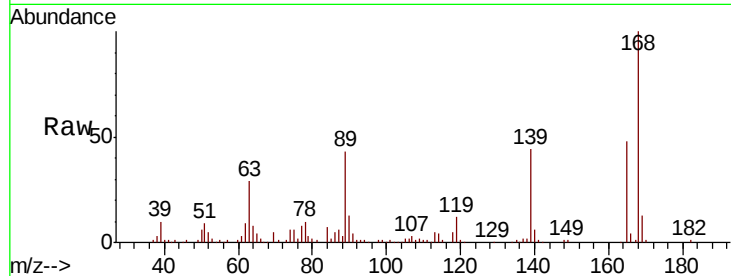
#57
2,4-Dinitrotoluene
Concen: 44.542 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Instrument :
BNA_F
ClientSampleId :
PB123373BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	64613		
63	60.0	35.0	52.4	#
89	89.5	66.1	99.1	
182	2.4	2.0	3.0	

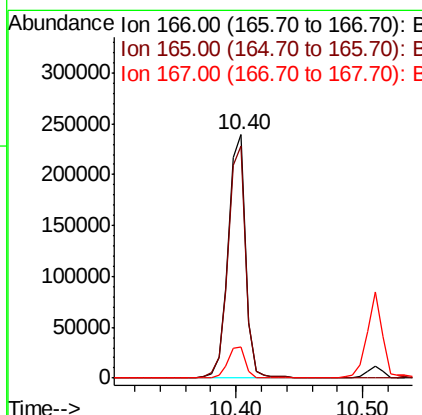
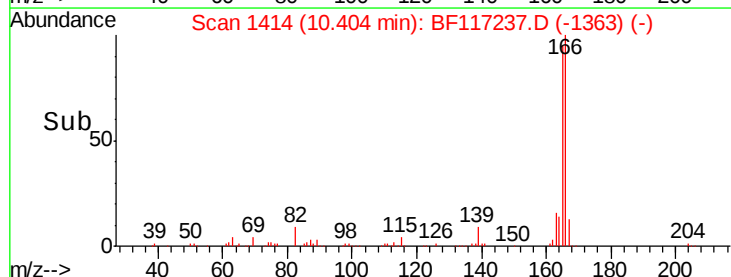
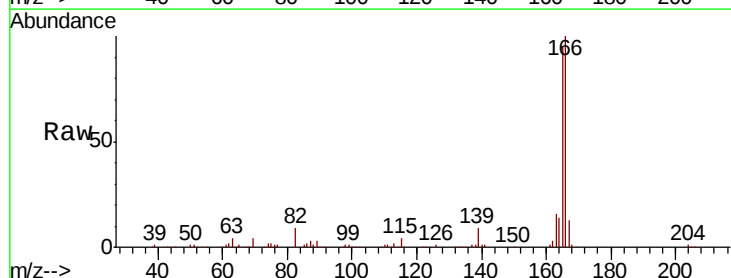
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#58
Fluorene
Concen: 44.650 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	226075		
165	95.5	78.9	118.3	
167	12.8	10.6	15.8	





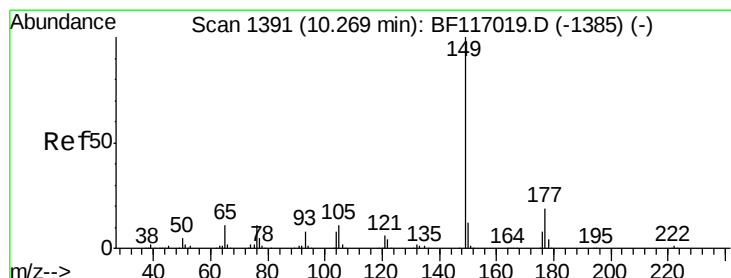
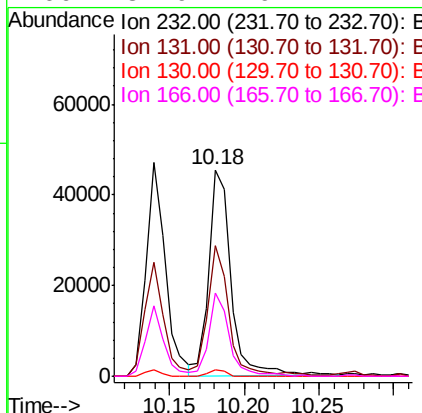
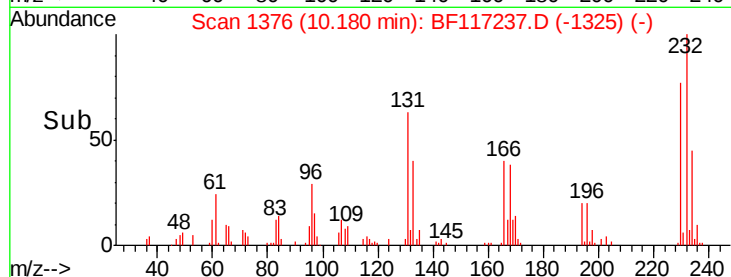
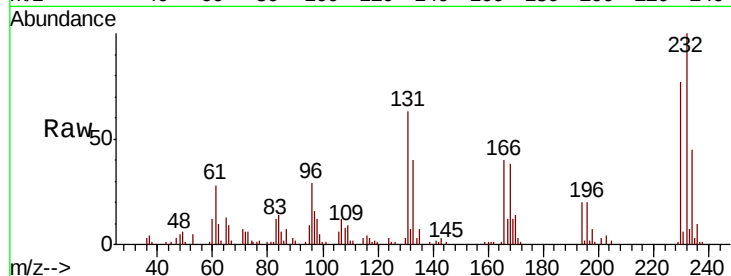
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.003 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF117237.D
 Acq: 25 Sep 2019 13:30

Instrument :
 BNA_F
 ClientSampleId :
 PB123373BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		46637		
131	62.3	45.3	67.9		
130	2.5	1.8	2.8		
166	37.9	29.4	44.2		

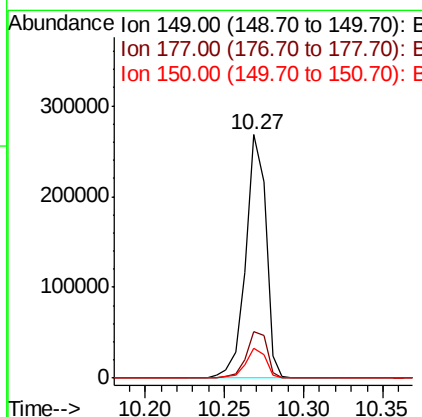
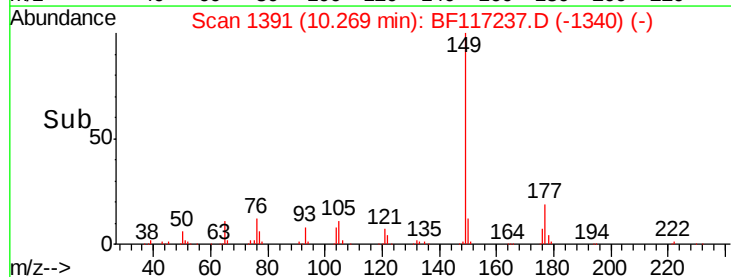
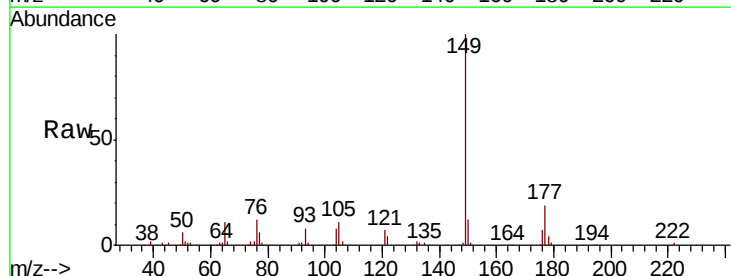
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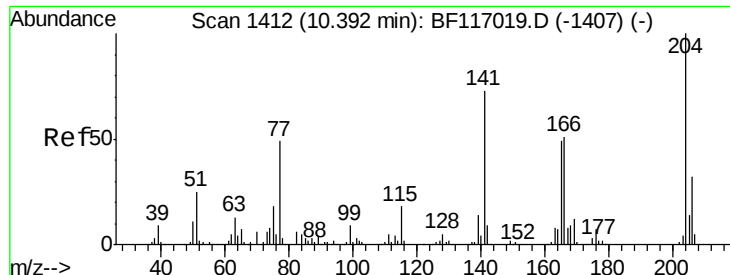
mohammad
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#60
 Diethylphthalate
 Concen: 43.882 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF117237.D
 Acq: 25 Sep 2019 13:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		236889		
177	18.9	15.2	22.8		
150	12.3	9.9	14.9		





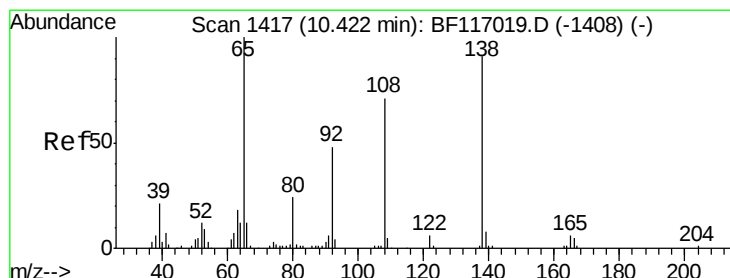
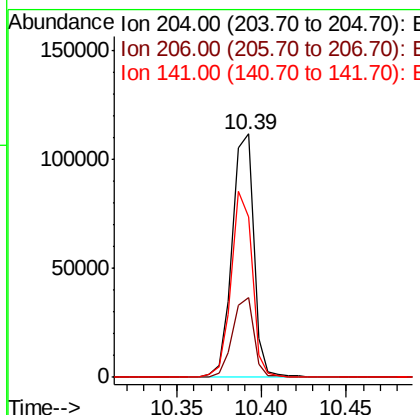
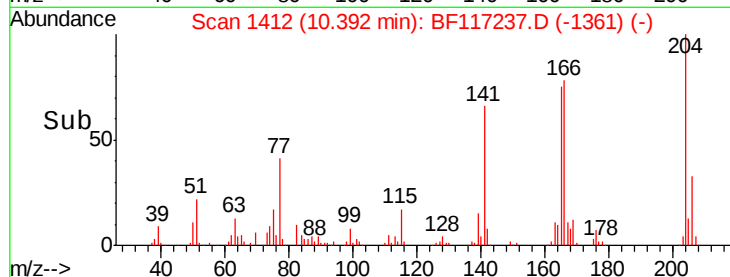
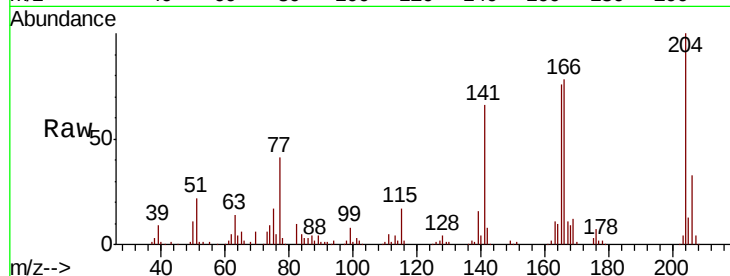
#61
4-Chlorophenyl-phenylether
Concen: 45.409 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Instrument :
BNA_F
ClientSampleId :
PB123373BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.0	39.0
141	66.1	58.2	87.2

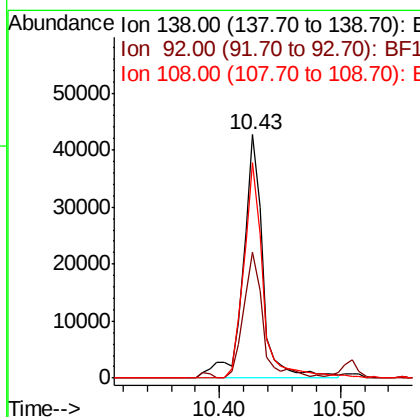
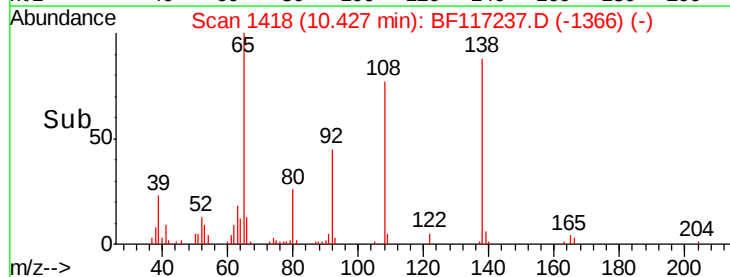
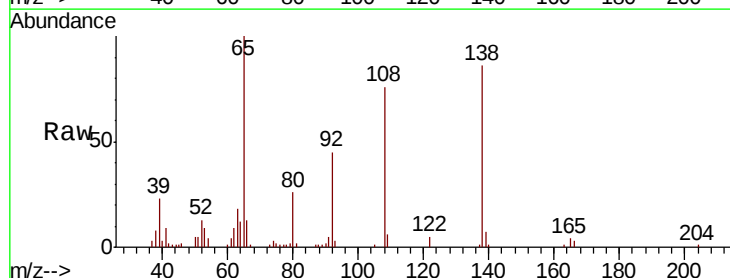
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#62
4-Nitroaniline
Concen: 33.325 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.7	32.9	72.9
108	88.3	58.3	98.3





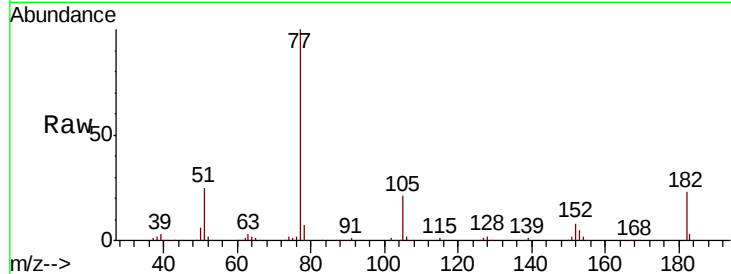
#63
Azobenzene
Concen: 44.551 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Instrument :
BNA_F
ClientSampleId :
PB123373BS

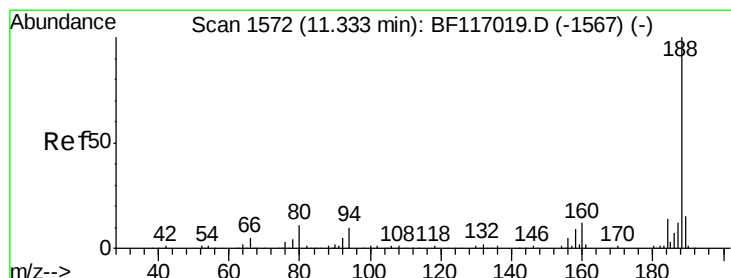
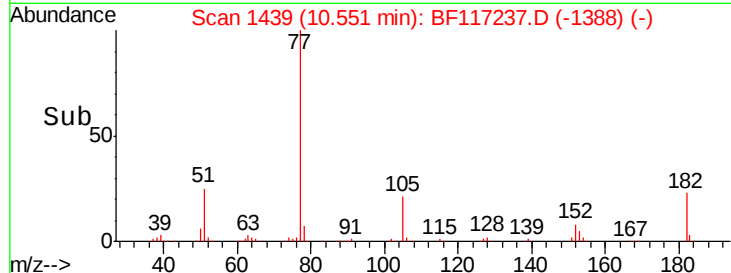
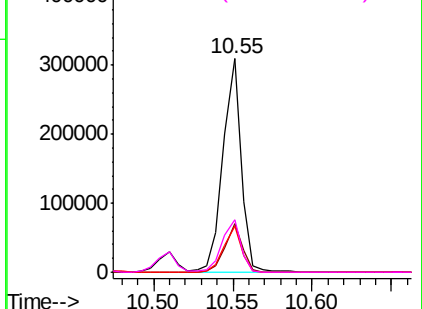
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		245628		
182	23.0	0.4	40.4		
105	21.3	0.9	40.9		
51	24.6	2.8	42.8		

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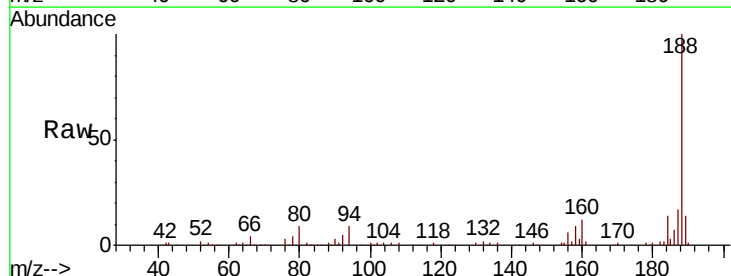


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

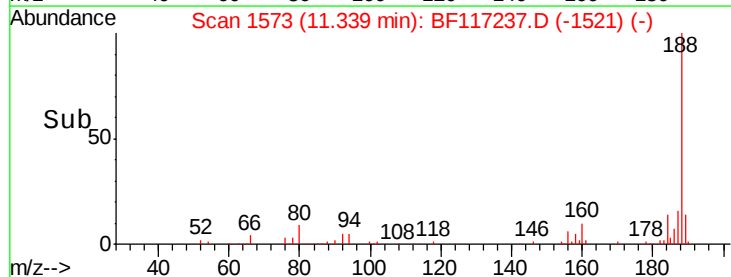
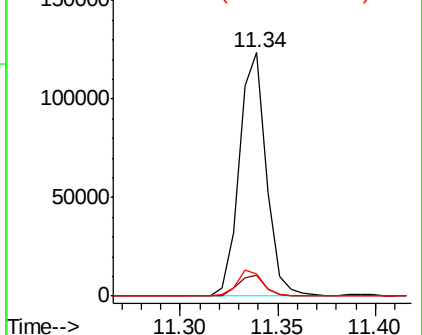


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		118893		
94	8.7	8.2	12.2		
80	9.2	9.0	13.6		



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 37.676 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.01 min

Lab File: BF117237.D

Acq: 25 Sep 2019 13:30

Instrument :

BNA_F

ClientSampled :

PB123373BS

Tot Ion:198 Resp: 19471

Ion Ratio Lower Upper

198 100

51 50.6 18.7 58.7

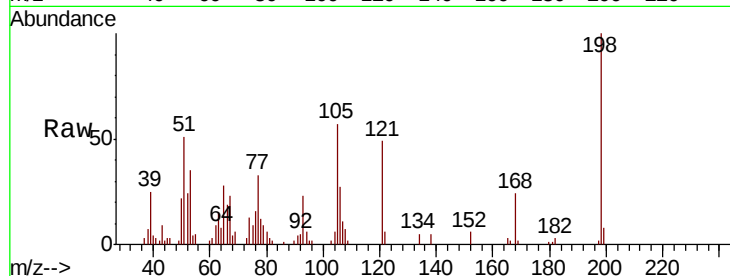
105 56.7 30.2 70.2

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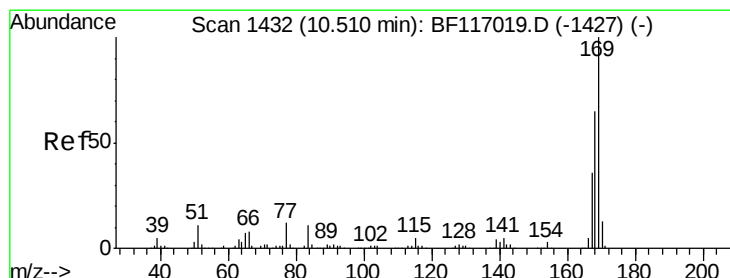
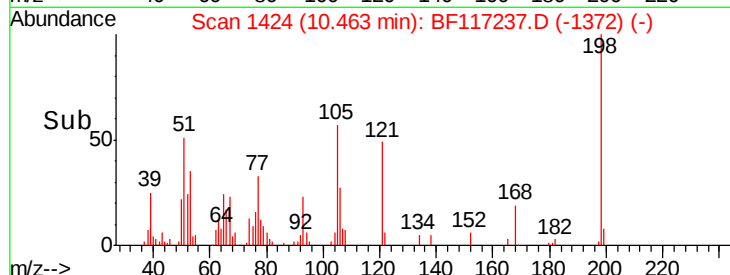
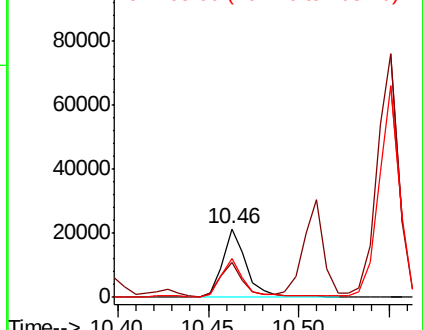
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.919 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF117237.D

Acq: 25 Sep 2019 13:30

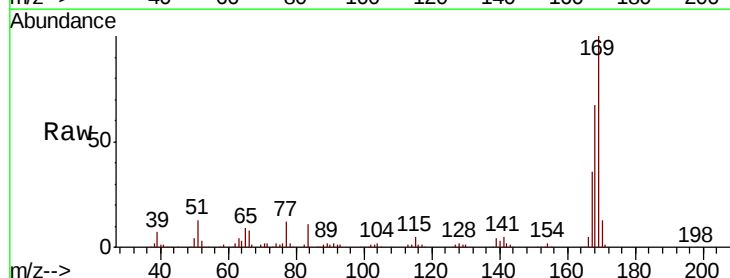
Tgt Ion:169 Resp: 192652

Ion Ratio Lower Upper

169 100

168 67.1 52.2 78.2

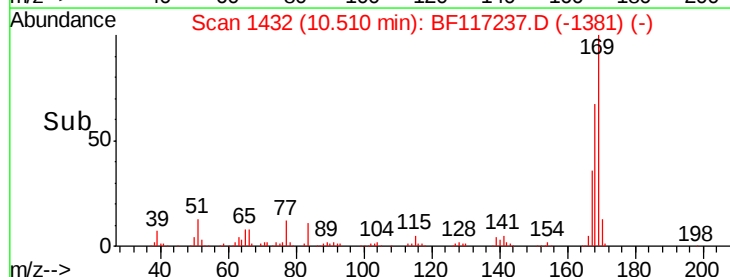
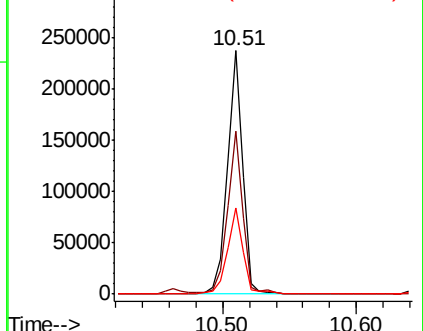
167 35.5 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





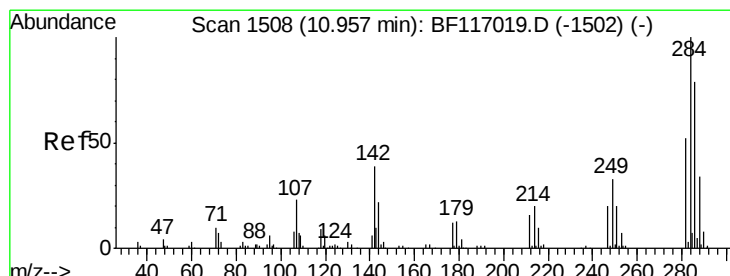
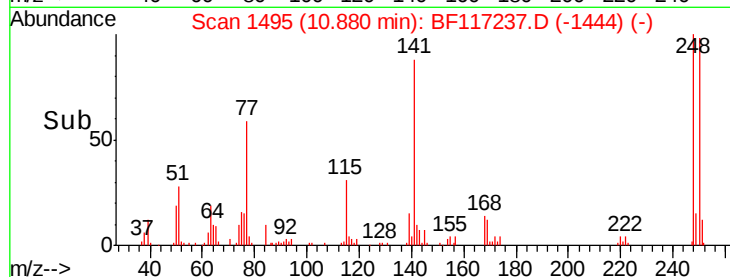
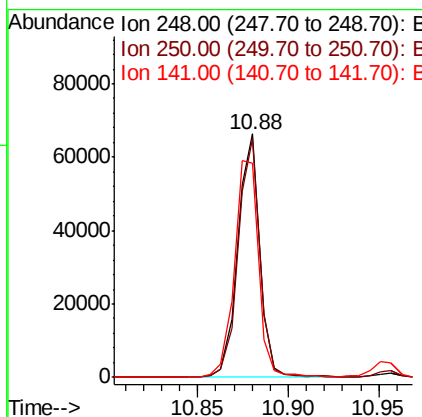
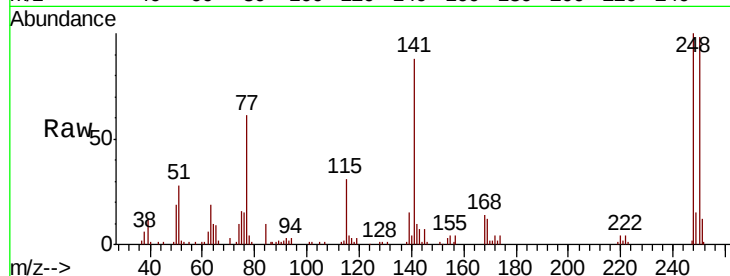
#67
 4-Bromophenyl-phenylether
 Concen: 46.130 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF117237.D
 Acq: 25 Sep 2019 13:30

Instrument :
 BNA_F
 ClientSampleId :
 PB123373BS

Tot Ion:	248	Resp:	56010
Ion Ratio	Lower	Upper	
248	100		
250	97.9	76.2	114.4
141	87.8	75.0	112.4

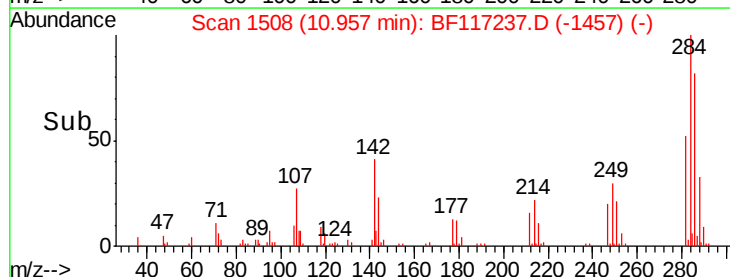
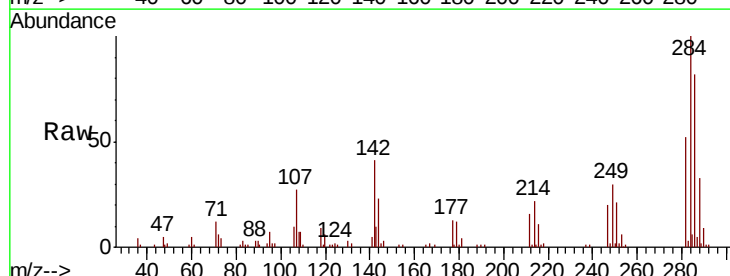
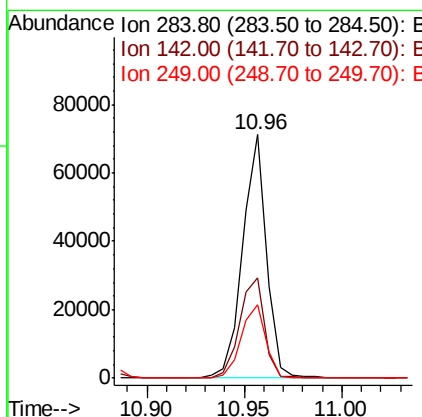
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#68
 Hexachlorobenzene
 Concen: 45.221 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: BF117237.D
 Acq: 25 Sep 2019 13:30

Tgt Ion:	284	Resp:	60054
Ion Ratio	Lower	Upper	
284	100		
142	41.0	31.4	47.2
249	30.3	26.5	39.7





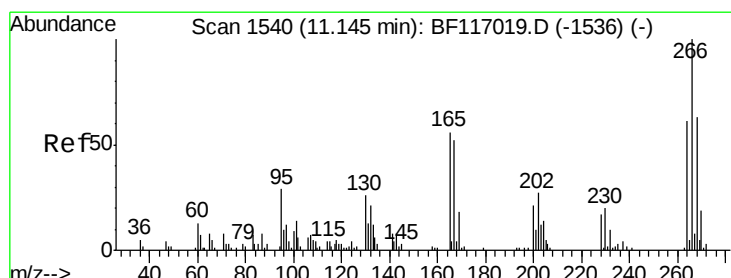
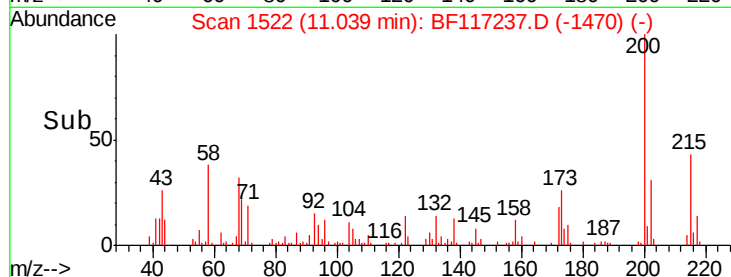
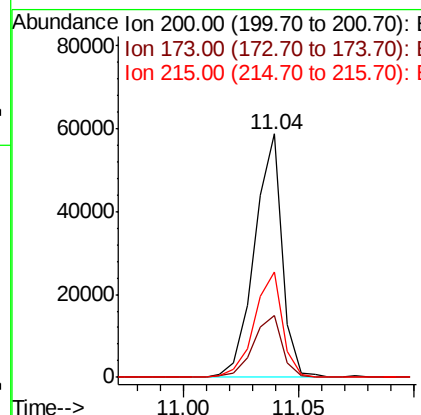
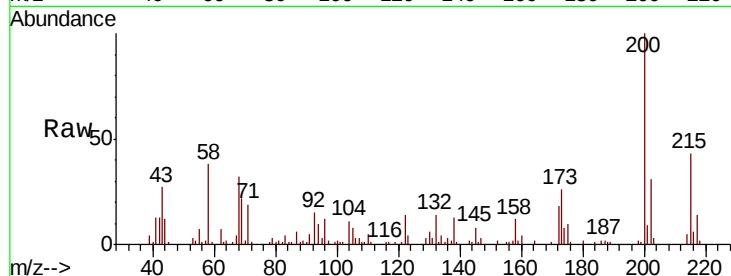
#69
 Atrazine
 Concen: 49.370 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.01 min
 Lab File: BF117237.D
 Acq: 25 Sep 2019 13:30

Instrument :
 BNA_F
 ClientSampleId :
 PB123373BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.6	6.9	46.9
215	43.2	23.8	63.8

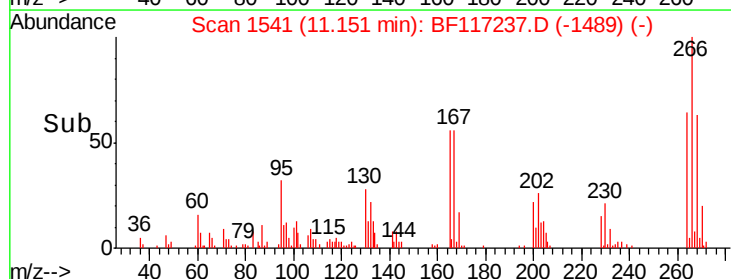
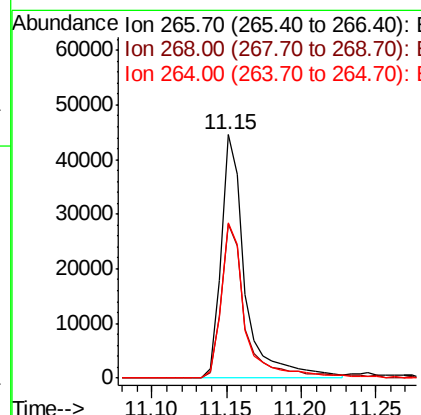
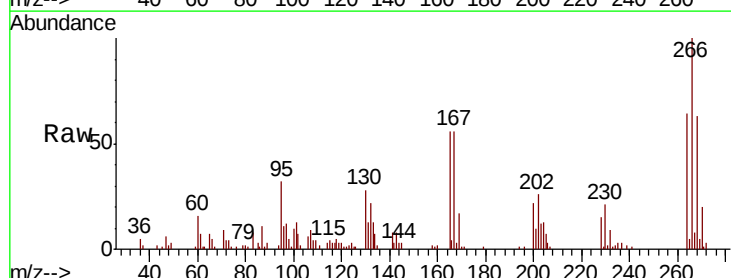
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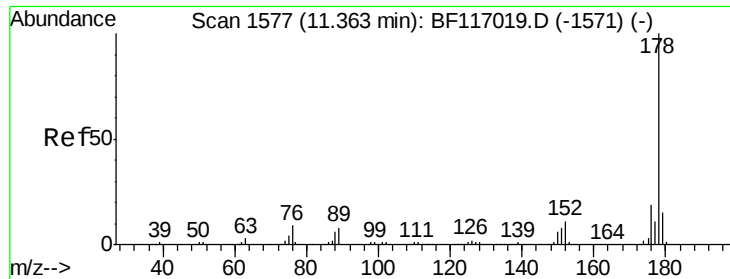
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#70
 Pentachlorophenol
 Concen: 80.989 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF117237.D
 Acq: 25 Sep 2019 13:30

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.2	50.5	75.7
264	63.6	48.8	73.2





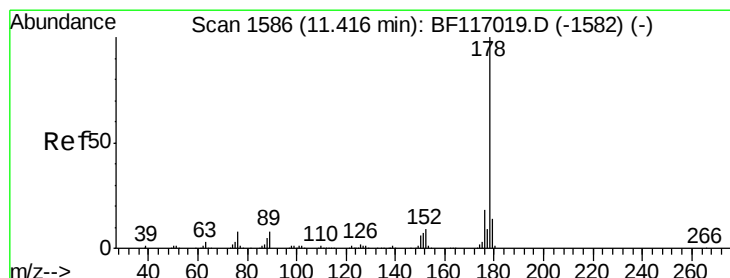
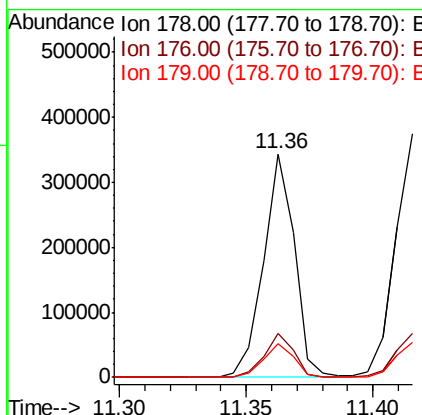
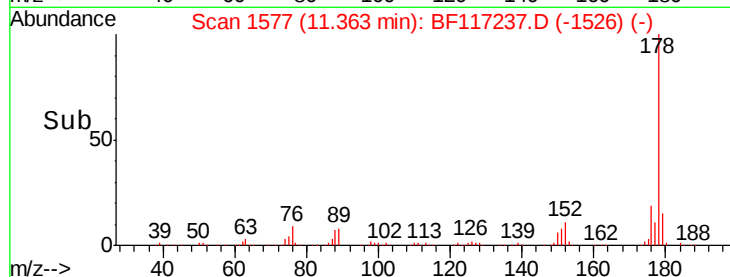
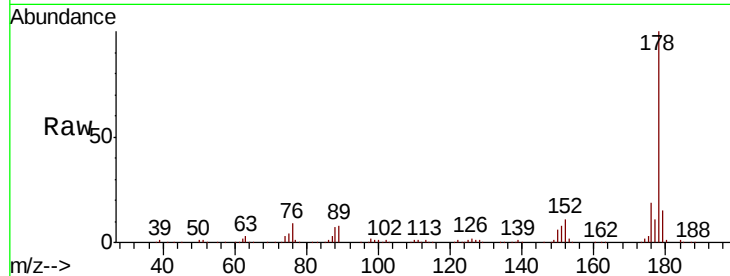
#71
Phenanthrene
Concen: 43.791 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Instrument :
BNA_F
ClientSampleID :
PB123373BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		295722		
176	19.5	15.4	23.2		
179	15.0	12.4	18.6		

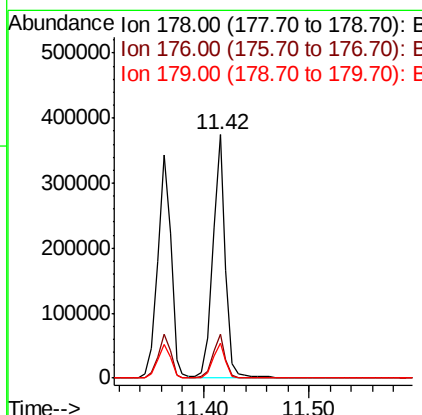
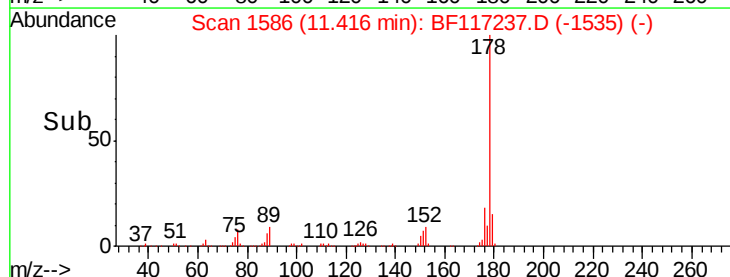
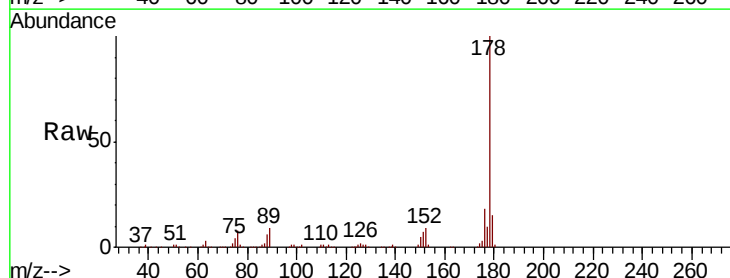
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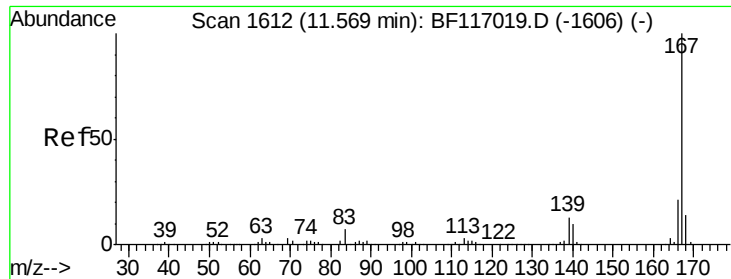
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#72
Anthracene
Concen: 45.786 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		315665		
176	17.9	14.6	21.8		
179	14.6	11.6	17.4		





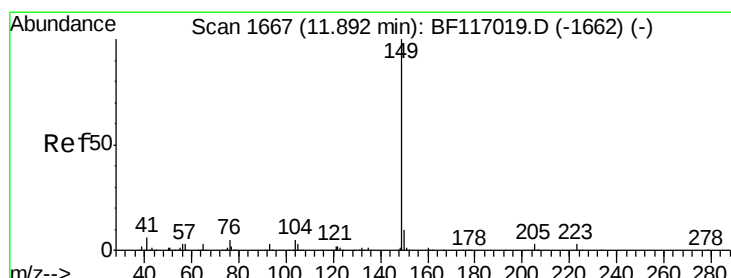
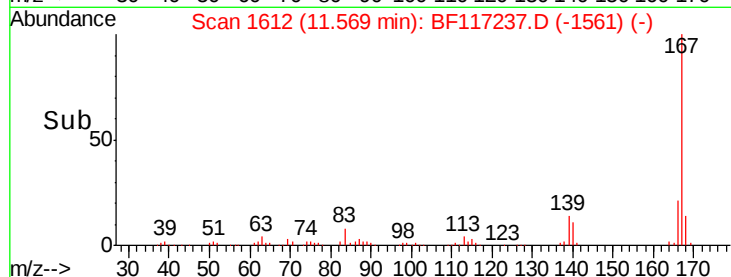
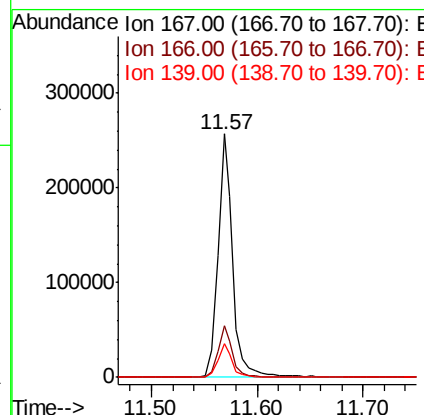
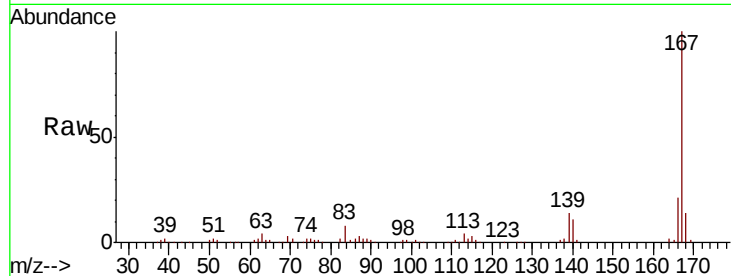
#73
 Carbazole
 Concen: 38.640 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF117237.D
 Acq: 25 Sep 2019 13:30

Instrument :
 BNA_F
 ClientSampleId :
 PB123373BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	252866		
166	21.2	17.2	25.8	
139	14.0	10.6	16.0	

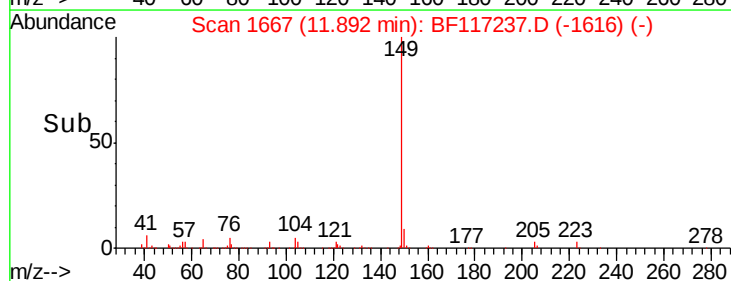
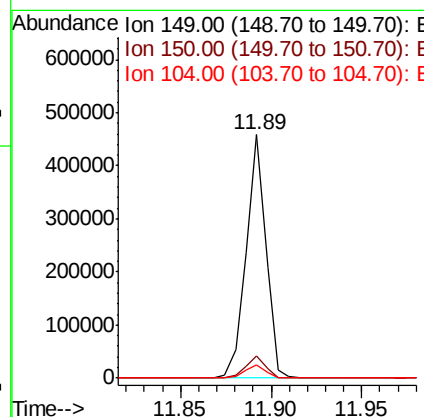
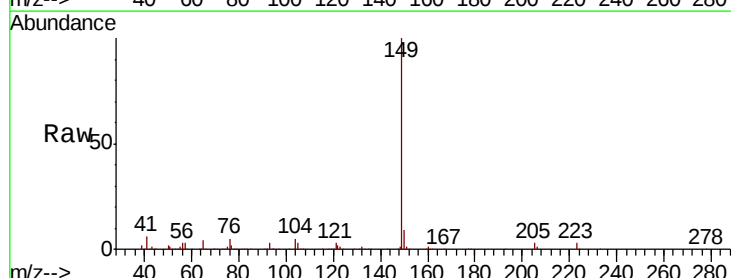
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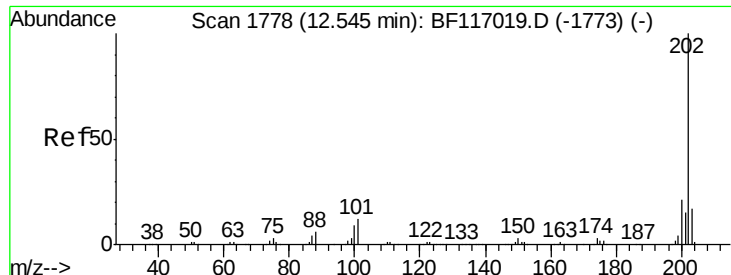
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#74
 Di-n-butylphthalate
 Concen: 44.889 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117237.D
 Acq: 25 Sep 2019 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	349515		
150	9.1	7.7	11.5	
104	5.4	4.2	6.4	





#75

Fluoranthene

Concen: 39.553 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF117237.D

Acq: 25 Sep 2019 13:30

Instrument :

BNA_F

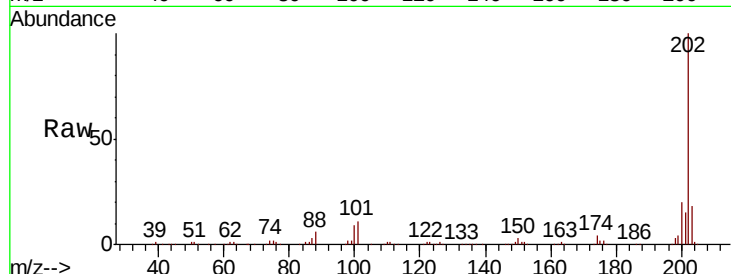
ClientSampleId :

PB123373BS

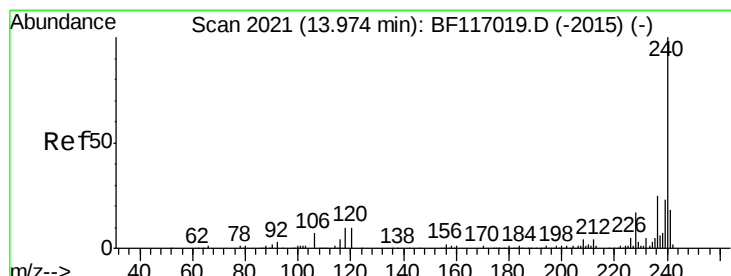
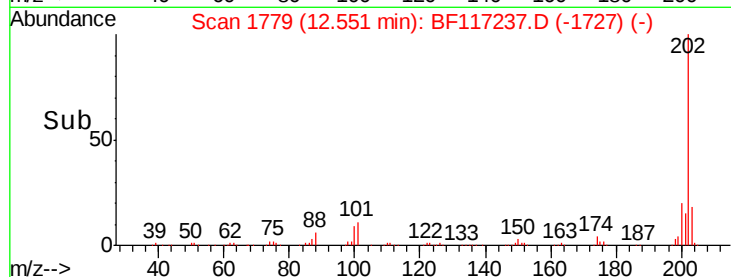
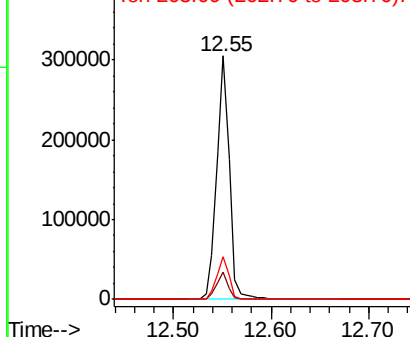
Tot Ion	Ratio	Resp	Lower	Upper
202	100	274451		
101	11.3	0.0	32.3	
203	17.7	0.0	37.1	

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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: 13.98 min Scan# 2022

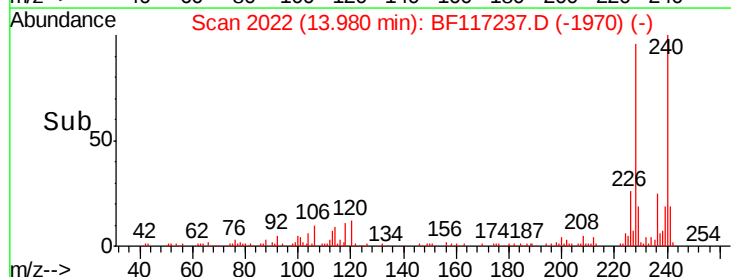
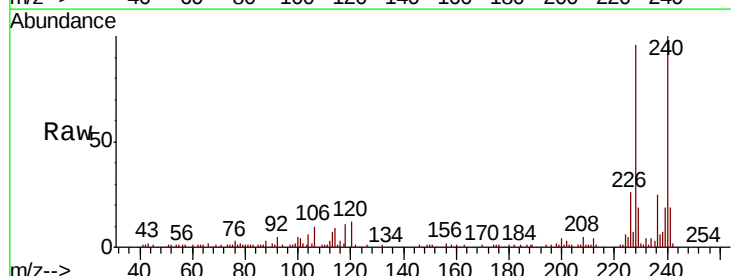
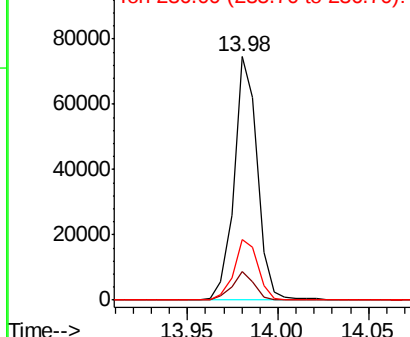
Delta R.T. 0.01 min

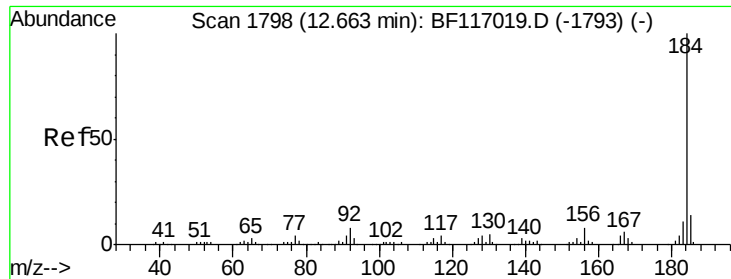
Lab File: BF117237.D

Acq: 25 Sep 2019 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	66465		
120	11.9	8.3	12.5	
236	24.6	20.3	30.5	

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





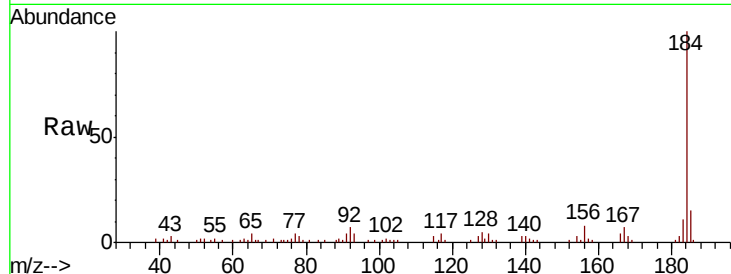
#77
Benzidine
Concen: 28.319 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.01 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Instrument :
BNA_F
ClientSampleId :
PB123373BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.6	17.4
183	10.7	9.0	13.4

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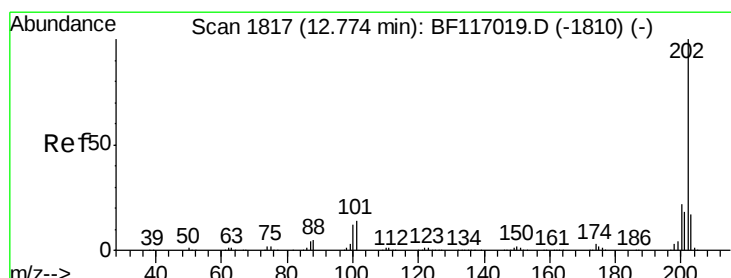
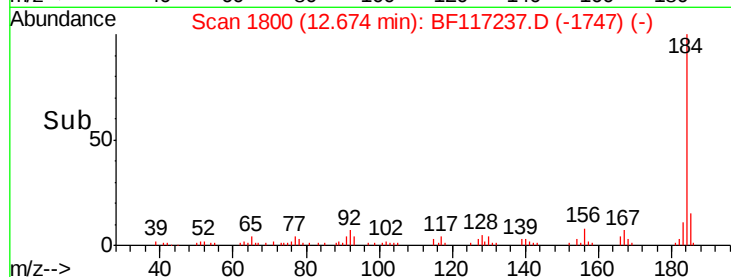
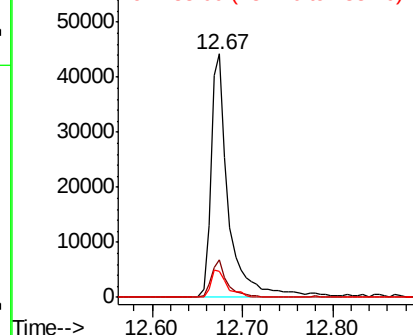


Abundance

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: 48.603 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.01 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

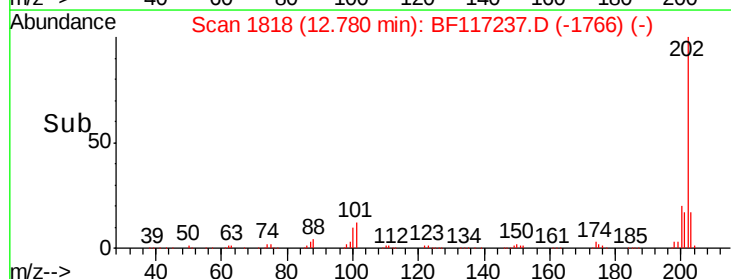
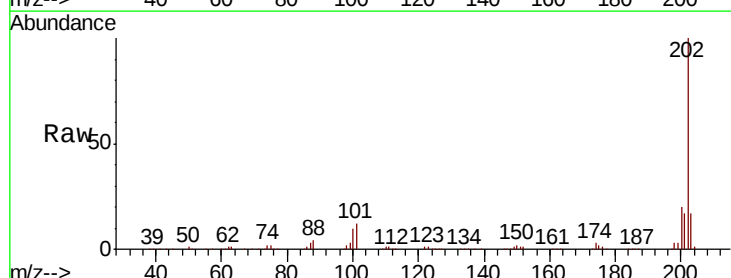
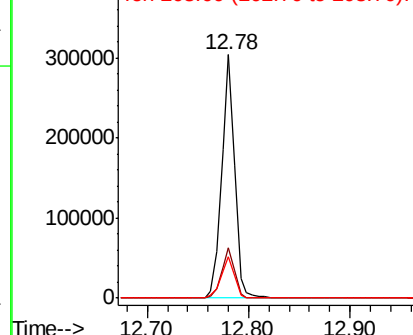
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.2	25.8
203	17.3	14.0	21.0

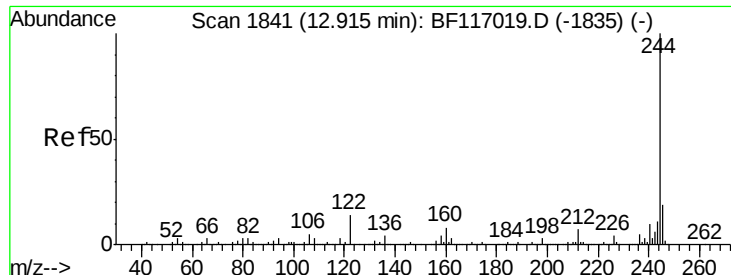
Abundance

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





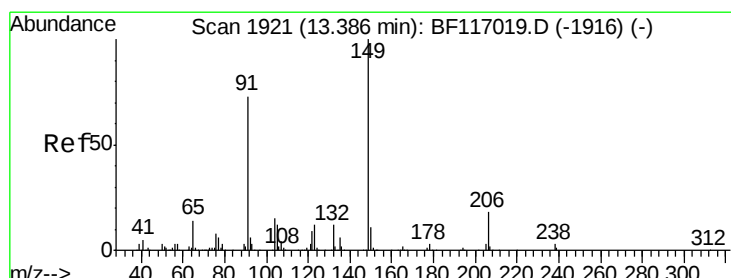
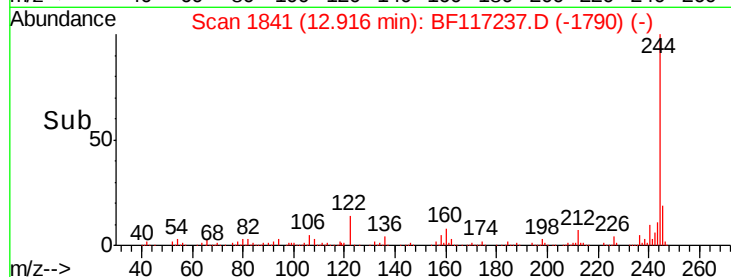
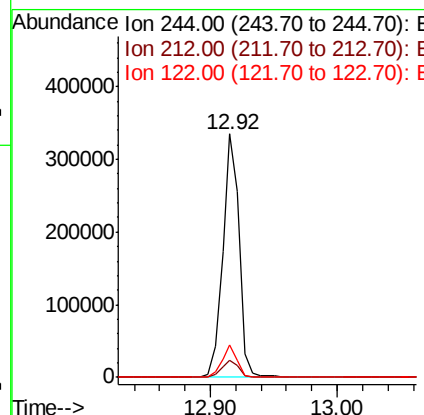
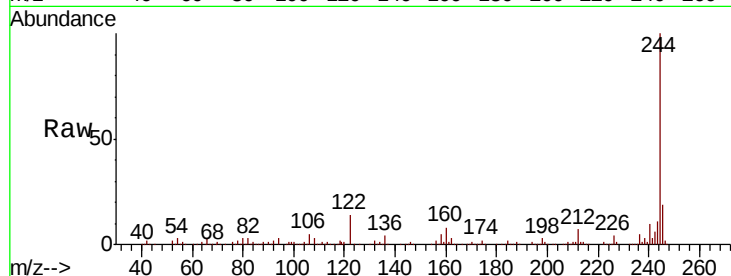
#79
 Terphenyl-d14
 Concen: 85.227 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117237.D
 Acq: 25 Sep 2019 13:30

Instrument :
 BNA_F
 ClientSampleId :
 PB123373BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	13.5	11.3	16.9

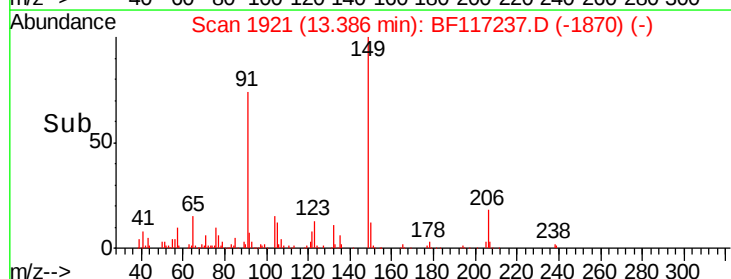
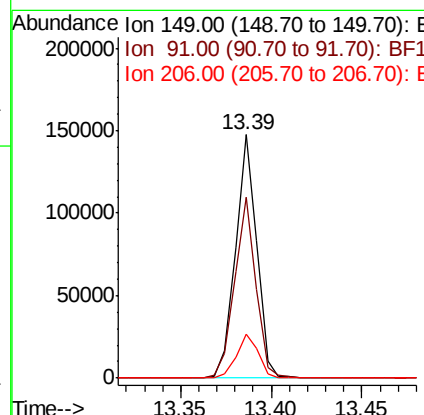
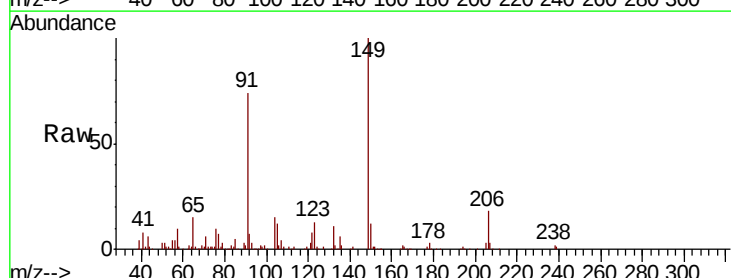
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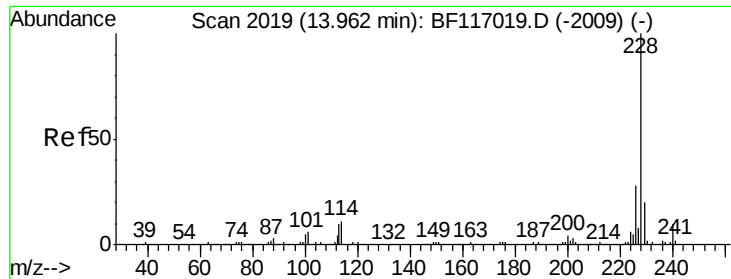
mohammad
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#80
 Butylbenzylphthalate
 Concen: 45.832 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: BF117237.D
 Acq: 25 Sep 2019 13:30

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.3	58.8	88.2
206	17.9	14.1	21.1





#81

Benzo(a)anthracene

Concen: 43.476 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF117237.D

Acq: 25 Sep 2019 13:30

Instrument :

BNA_F

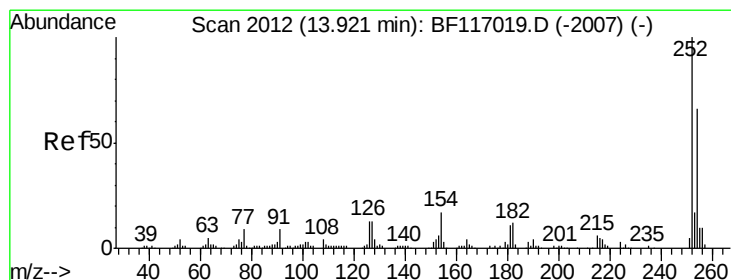
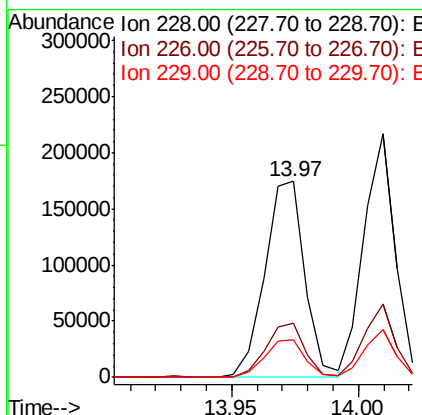
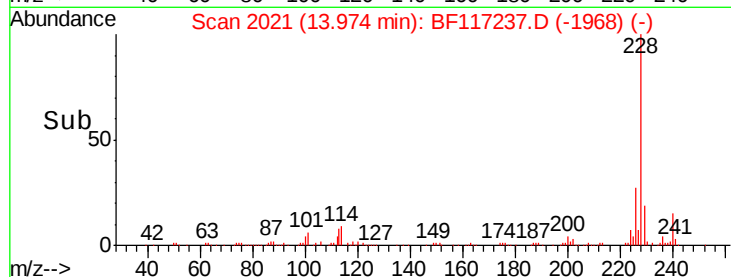
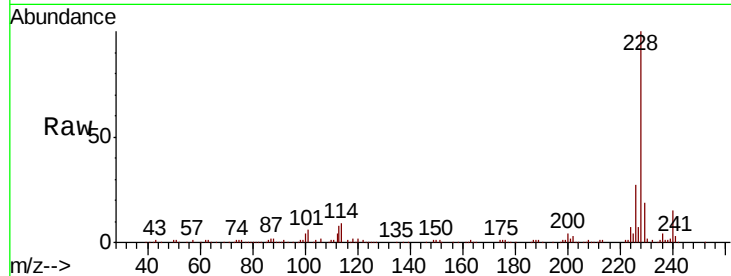
ClientSampleId :

PB123373BS

Tot Ion:	228	Resp:	193062
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.3	33.5
229	19.4	15.9	23.9

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#82

3,3'-Dichlorobenzidine

Concen: 35.037 ng

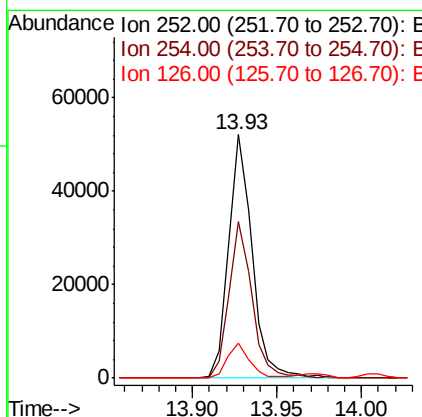
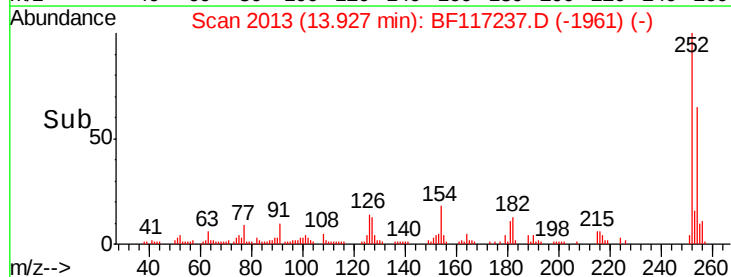
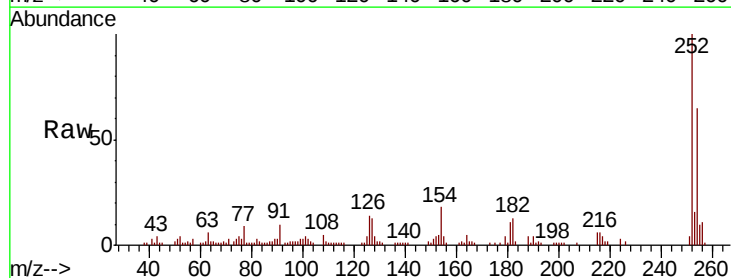
RT: 13.93 min Scan# 2013

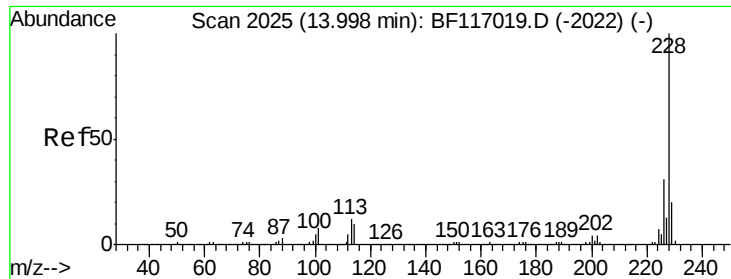
Delta R.T. 0.01 min

Lab File: BF117237.D

Acq: 25 Sep 2019 13:30

Tgt Ion:	252	Resp:	50137
Ion Ratio	Lower	Upper	
252	100		
254	64.5	52.6	79.0
126	14.3	10.4	15.6





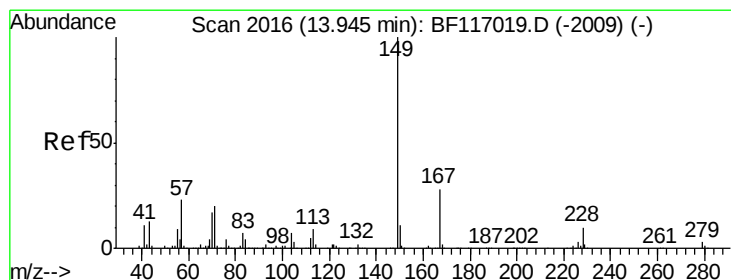
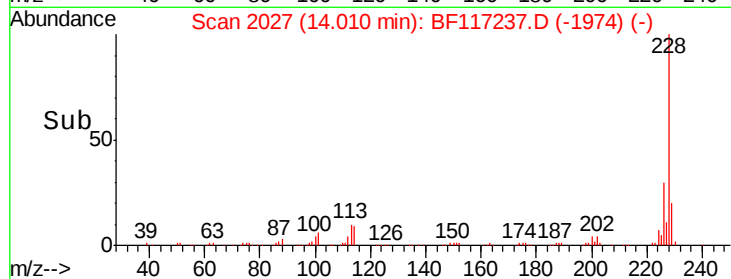
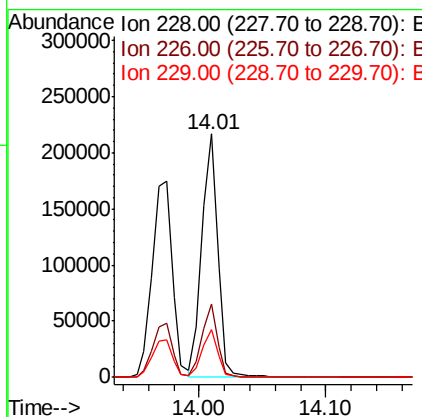
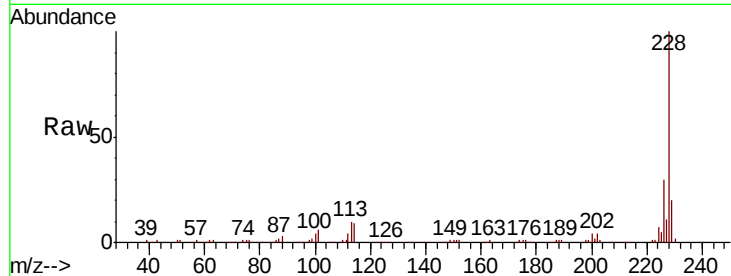
#83
Chrysene
Concen: 43.822 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Instrument :
BNA_F
ClientSampleId :
PB123373BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	189795		
226	30.1		24.8	37.2
229	19.5		15.8	23.8

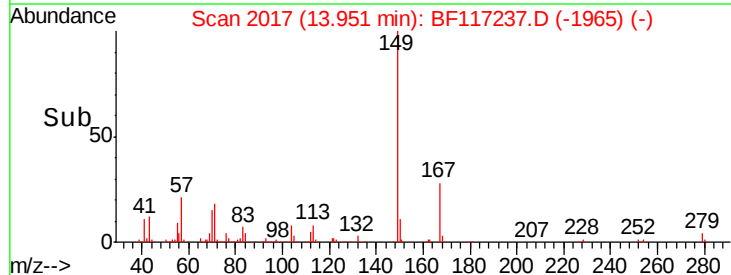
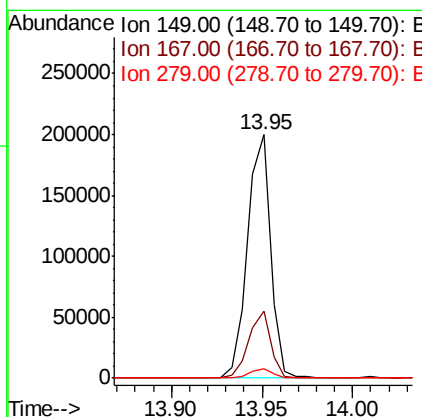
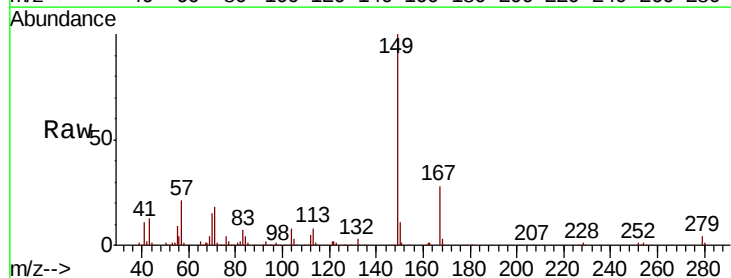
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#84
Bis(2-ethylhexyl)phthalate
Concen: 52.287 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	177654		
167	27.5		22.2	33.2
279	3.6		2.8	4.2





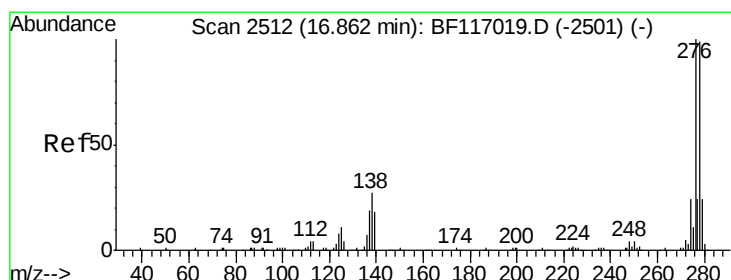
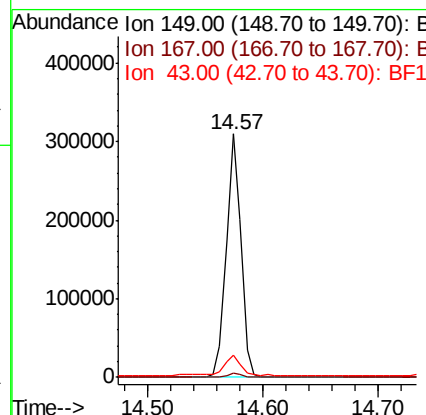
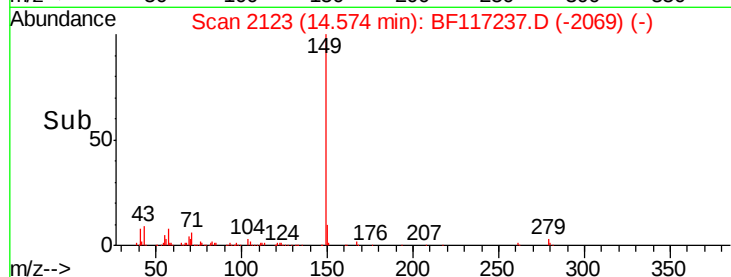
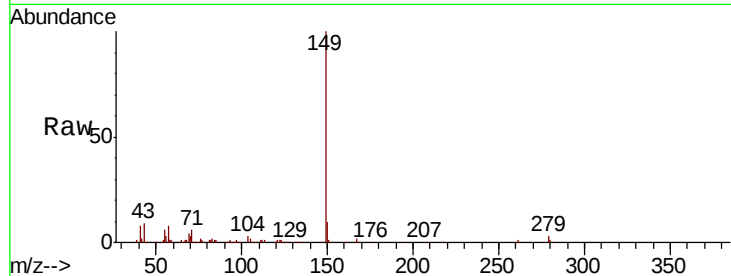
#85
Di-n-octyl phthalate
Concen: 50.995 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.02 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Instrument :
BNA_F
ClientSampleId :
PB123373BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.7	6.2	9.4

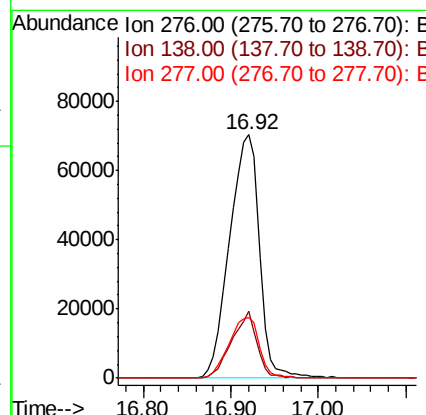
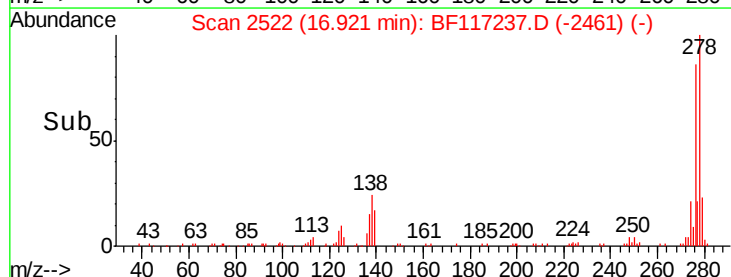
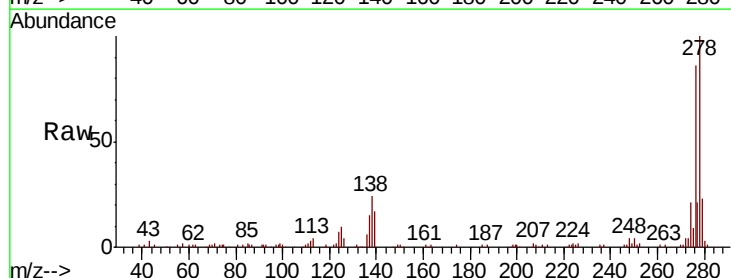
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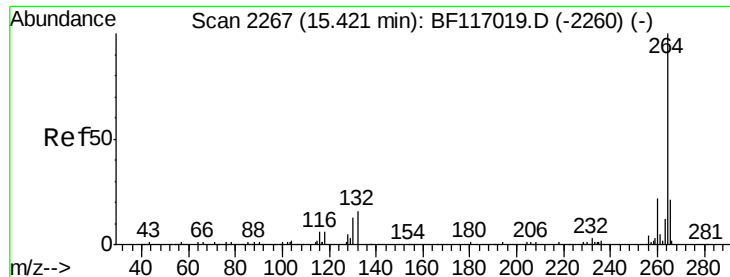
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 51.802 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.06 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	23.1	20.7	31.1
277	25.2	19.8	29.8





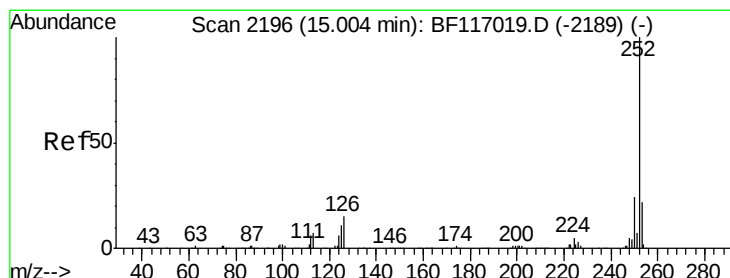
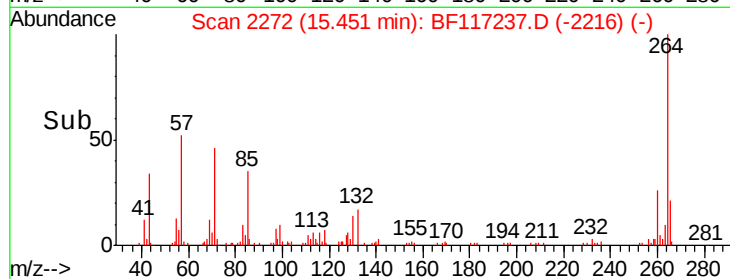
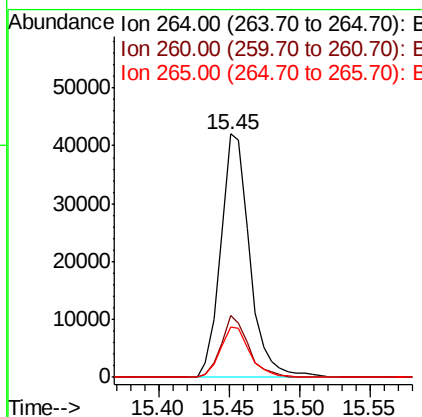
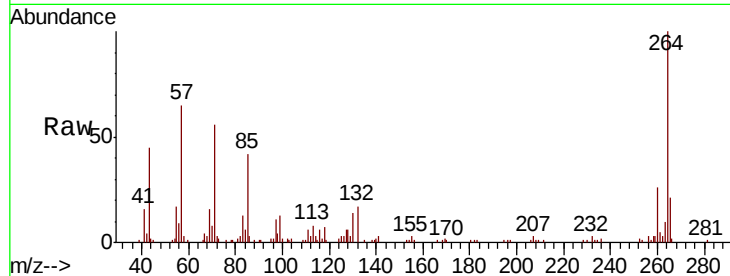
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.03 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Instrument :
BNA_F
ClientSampleId :
PB123373BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.7	17.6	26.4
265	20.6	16.6	24.8

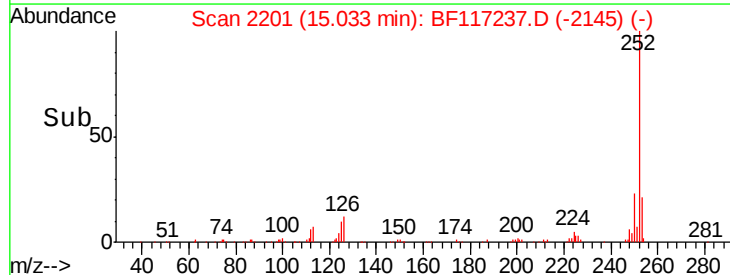
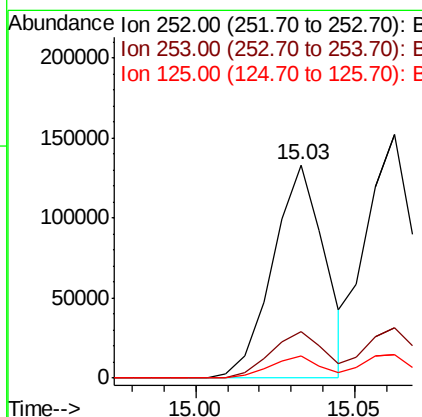
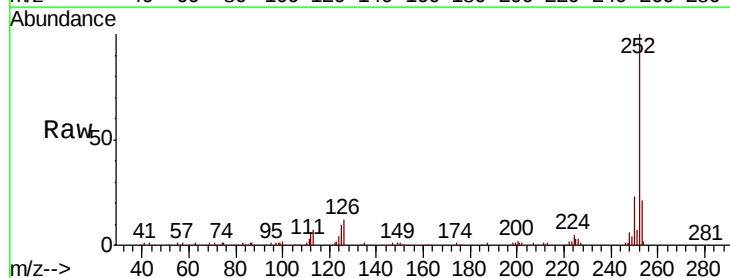
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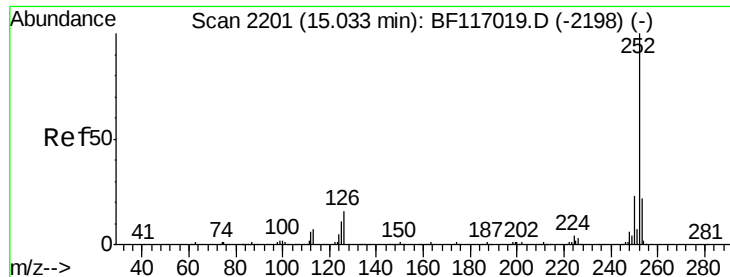
mohammad
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#88
Benzo(b)fluoranthene
Concen: 41.908 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.03 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	10.3	8.6	12.8





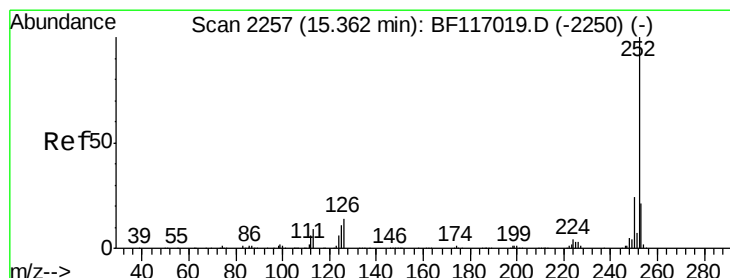
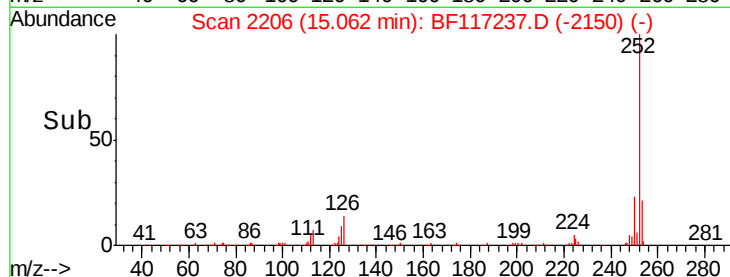
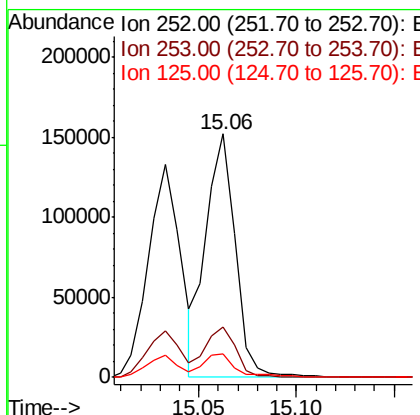
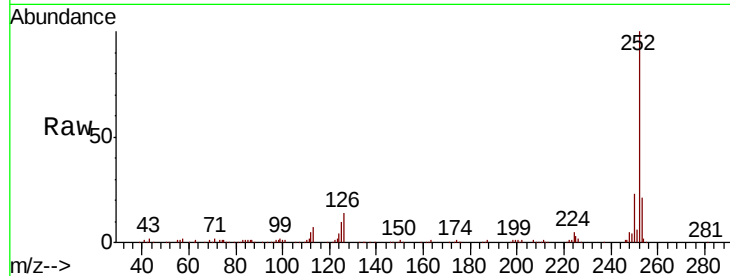
#89
Benzo(k)fluoranthene
Concen: 46.192 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.03 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Instrument :
BNA_F
ClientSampleId :
PB123373BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	158861		
253	20.6		17.4	26.2
125	9.6		8.8	13.2

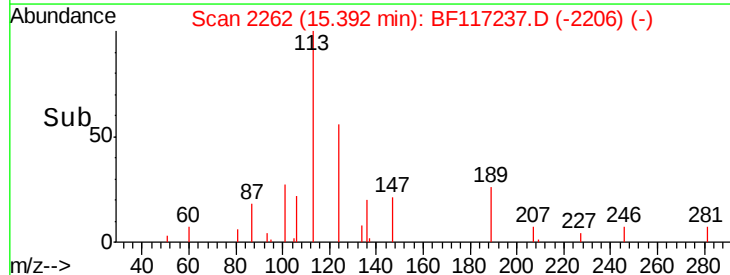
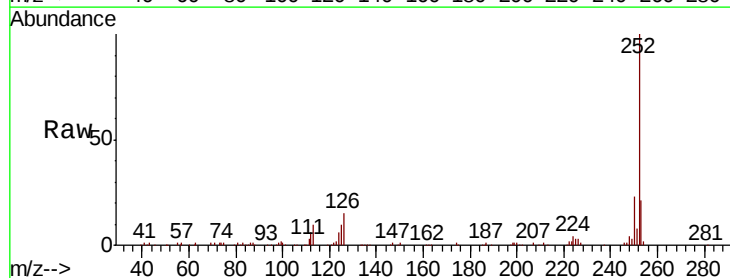
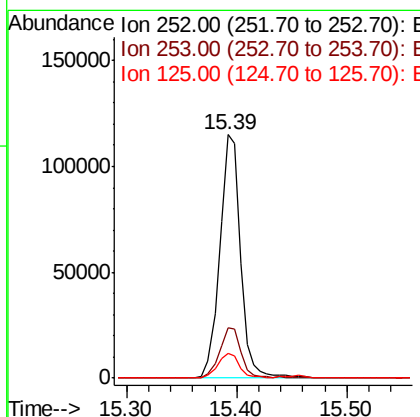
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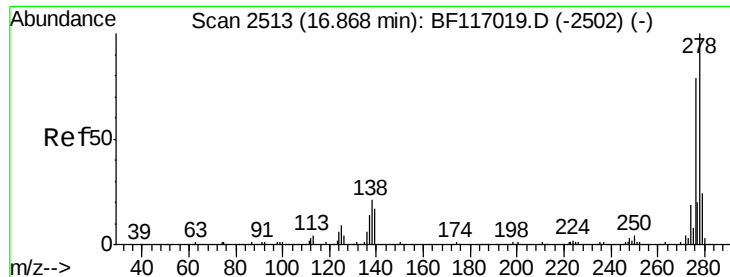
mohammad
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#90
Benzo(a)pyrene
Concen: 47.544 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.03 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	151468		
253	20.9		16.6	25.0
125	10.4		8.9	13.3





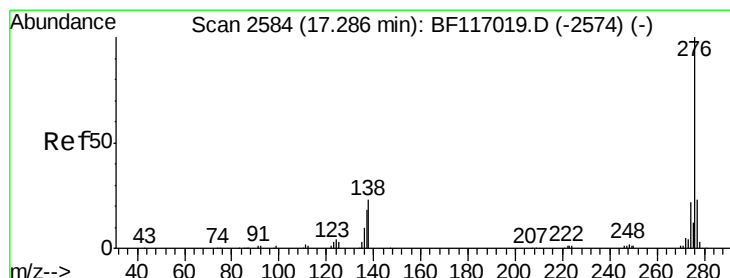
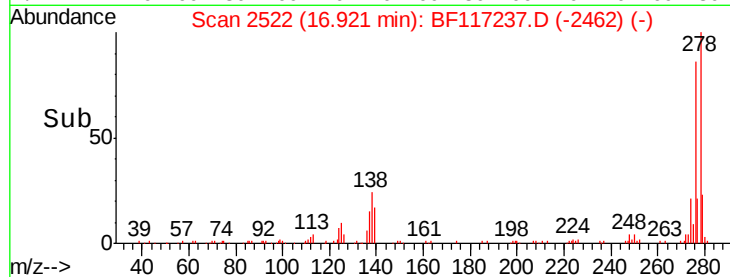
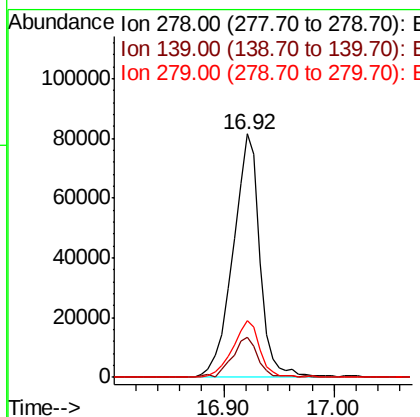
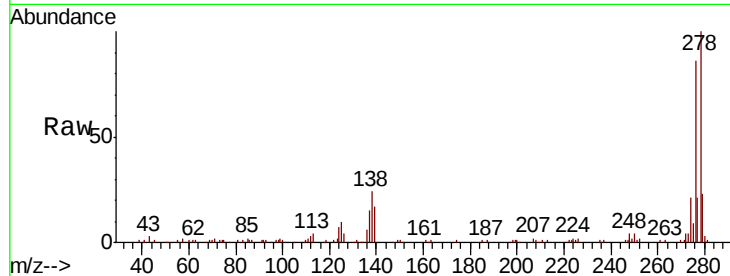
#91
Dibenzo(a,h)anthracene
Concen: 54.808 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.05 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Instrument :
BNA_F
ClientSampleId :
PB123373BS

Tot Ion:278	Resp:	139100
Ion Ratio	Lower	Upper
278 100		
139 16.5	13.5	20.3
279 23.2	18.8	28.2

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#92
Benzo(g,h,i)perylene
Concen: 51.588 ng
RT: 17.35 min Scan# 2595
Delta R.T. 0.06 min
Lab File: BF117237.D
Acq: 25 Sep 2019 13:30

Tgt Ion:276	Resp:	130470
Ion Ratio	Lower	Upper
276 100		
277 22.7	18.6	27.8
138 21.0	18.0	27.0

