

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
 Data File : BF117190.D
 Acq On : 20 Sep 2019 17:24
 Operator : HP/JU
 Sample : PB123268BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123268BS

Manual Integrations
 APPROVED

mohammad
 9/24/2019 9:12:37 AM

Quant Time: Sep 21 00:58:07 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	43370	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	180020	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	95673	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	155472	20.00	ng	0.01
76) Chrysene-d12	13.99	240	103067	20.00	ng	0.01
87) Perylene-d12	15.43	264	83207	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	388421	139.83	ng	0.02
7) Phenol-d6	6.47	99	518615	144.46	ng	0.02
23) Nitrobenzene-d5	7.39	82	329225	96.09	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	133542	167.01	ng	0.01
45) 2-Fluorobiphenyl	9.18	172	642581	105.02	ng	0.00
79) Terphenyl-d14	12.93	244	638987	115.89	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	32142	27.651	ng	97
3) Pyridine	3.45	79	82598	25.961	ng	98
4) n-Nitrosodimethylamine	3.38	42	47548	43.548	ng	# 74
6) Aniline	6.49	93	117925	25.513	ng	92
8) 2-Chlorophenol	6.62	128	130941	43.693	ng	97
9) Benzaldehyde	6.37	77	92276	54.975	ng	96
10) Phenol	6.49	94	164492	41.562	ng	95
11) bis(2-Chloroethyl)ether	6.56	93	116325	39.991	ng	99
12) 1,3-Dichlorobenzene	6.76	146	129988	38.654	ng	99
13) 1,4-Dichlorobenzene	6.84	146	132773	38.689	ng	98
14) 1,2-Dichlorobenzene	6.99	146	128005	40.062	ng	97
15) Benzyl Alcohol	6.97	79	126952	46.113	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	113447	39.476	ng	61
17) 2-Methylphenol	7.09	107	107779	42.912	ng	# 85
18) Hexachloroethane	7.33	117	53309	40.379	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	99894	45.696	ng	97
20) 3+4-Methylphenols	7.24	107	141702	45.294	ng	# 79
22) Acetophenone	7.23	105	197977	43.285	ng	# 95
24) Nitrobenzene	7.41	77	147751	43.668	ng	97
25) Isophorone	7.65	82	270365	44.568	ng	99
26) 2-Nitrophenol	7.72	139	66980	46.087	ng	93
27) 2,4-Dimethylphenol	7.76	122	114279	49.586	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	154893	41.443	ng	99
29) 2,4-Dichlorophenol	7.97	162	107914	44.687	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	106515	40.826	ng	98
31) Naphthalene	8.12	128	376025	43.432	ng	99
32) Benzoic acid	7.92	122	60731	36.698	ng	94
33) 4-Chloroaniline	8.17	127	40815	10.629	ng	93
34) Hexachlorobutadiene	8.24	225	64162	43.347	ng	99
35) Caprolactam	8.57	113	27974m	34.224	ng	
36) 4-Chloro-3-methylphenol	8.67	107	128957	45.798	ng	97
37) 2-Methylnaphthalene	8.82	142	264490	45.366	ng	96
38) 1-Methylnaphthalene	8.92	142	245014	44.871	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	105025	42.511	ng	# 98

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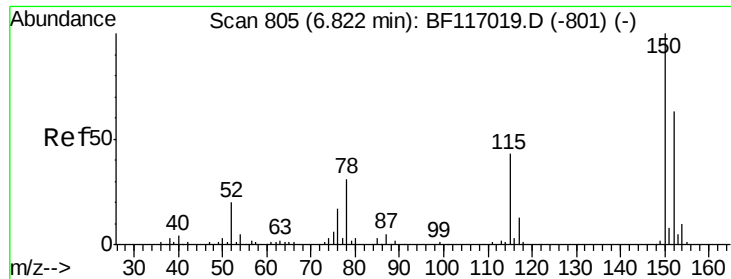
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	116622	104.165	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	70994	42.345	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	77886	43.481	nq	98
46) 1,1'-Biphenyl	9.28	154	322459	42.968	nq	99
47) 2-Chloronaphthalene	9.30	162	247749	41.830	nq	98
48) 2-Nitroaniline	9.40	65	77267	40.673	nq	94
49) Acenaphthylene	9.72	152	388716	43.811	nq	100
50) Dimethylphthalate	9.58	163	298937	44.129	nq	100
51) 2,6-Dinitrotoluene	9.65	165	64221	46.548	nq	98
52) Acenaphthene	9.89	154	226346	43.035	nq	98
53) 3-Nitroaniline	9.82	138	28105	16.146	nq	95
54) 2,4-Dinitrophenol	9.93	184	47218	79.345	nq	92
55) Dibenzofuran	10.06	168	352467	45.421	nq	97
56) 4-Nitrophenol	10.00	139	81131	71.913	nq	85
57) 2,4-Dinitrotoluene	10.06	165	85557	47.773	nq	# 84
58) Fluorene	10.41	166	291051	46.561	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	62445	45.555	nq	# 98
60) Diethylphthalate	10.28	149	318202	47.745	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	131248	48.528	nq	96
62) 4-Nitroaniline	10.44	138	65592	36.233	nq	# 82
63) Azobenzene	10.56	77	316498	46.498	nq	96
65) 4,6-Dinitro-2-methylphenol	10.47	198	36486	51.001	nq	77
66) n-Nitrosodiphenylamine	10.52	169	250335	46.623	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	75267	47.405	nq	98
68) Hexachlorobenzene	10.96	284	77155	44.429	nq	96
69) Atrazine	11.05	200	69711	55.597	nq	97
70) Pentachlorophenol	11.16	266	74253	91.217	nq	98
71) Phenanthrene	11.37	178	399878	45.283	nq	98
72) Anthracene	11.42	178	405678	44.998	nq	99
73) Carbazole	11.57	167	359974	42.065	nq	98
74) Di-n-butylphthalate	11.90	149	506971	49.793	nq	99
75) Fluoranthene	12.56	202	392142	43.218	nq	99
77) Benzidine	12.67	184	186420	56.150	nq	98
78) Pyrene	12.79	202	390653	45.172	nq	99
80) Butylbenzylphthalate	13.39	149	203068	49.694	nq	96
81) Benzo(a)anthracene	13.97	228	300254	43.603	nq	98
82) 3,3'-Dichlorobenzidine	13.93	252	41111	18.527	nq	97
83) Chrysene	14.02	228	290808	43.300	nq	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	293664	55.737	nq	99
85) Di-n-octyl phthalate	14.56	149	452842	54.607	nq	100
86) Indeno(1,2,3-cd)pyrene	16.90	276	204978	41.834	nq	97
88) Benzo(b)fluoranthene	15.02	252	224133	44.470	nq	99
89) Benzo(k)fluoranthene	15.04	252	237479m	49.740	nq	
90) Benzo(a)pyrene	15.37	252	205492	46.462	nq	99
91) Dibenzo(a,h)anthracene	16.90	278	172401	48.931	nq	99
92) Benzo(g,h,i)perylene	17.32	276	158773	45.222	nq	96

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



#1

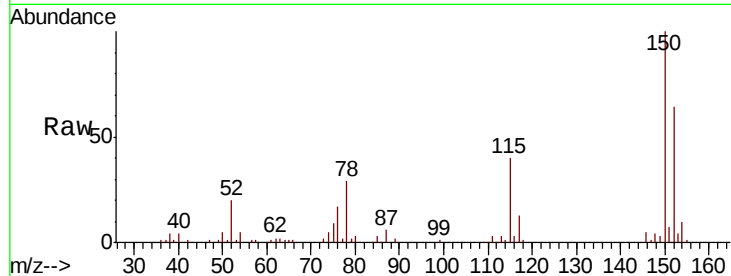
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	127.5	191.3
115	63.4	55.0	82.4

Manual Integrations
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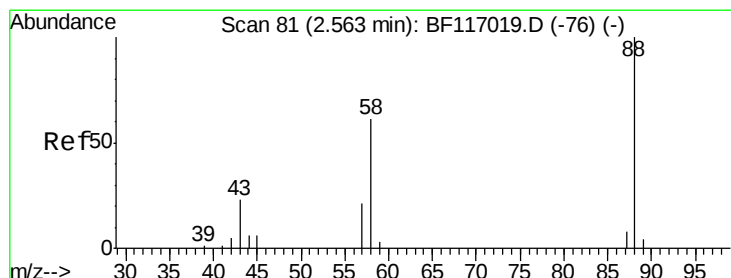
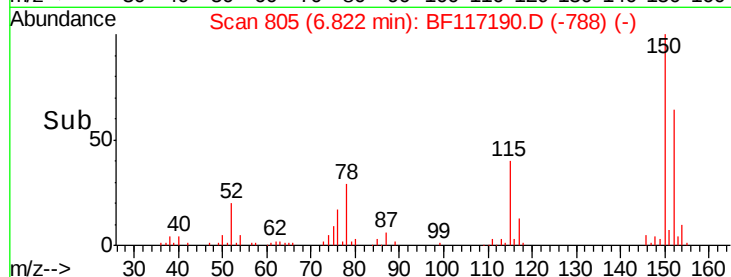
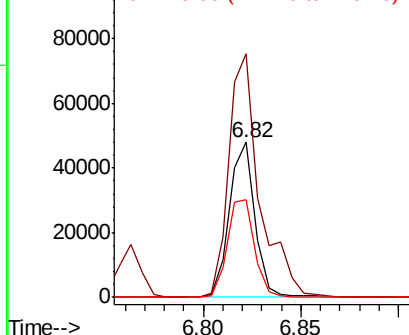


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

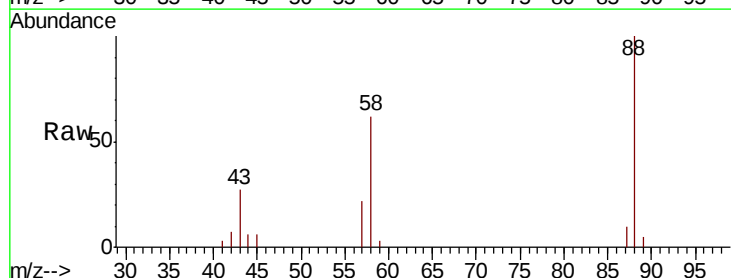
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 27.651 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.12 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.5	49.3	73.9
43	27.7	18.8	28.2

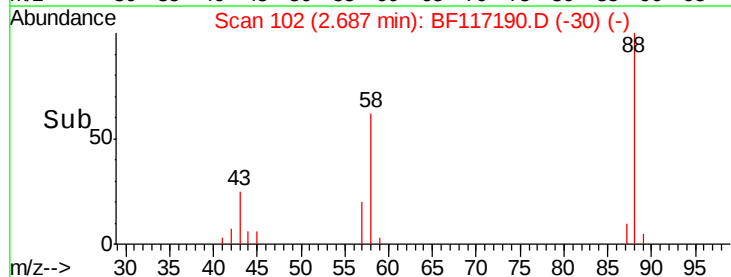
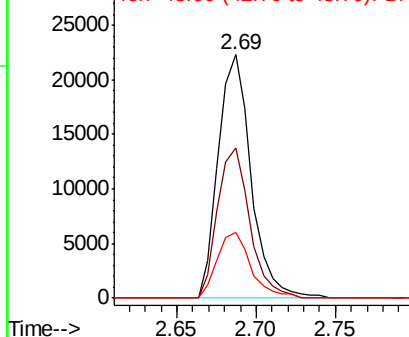


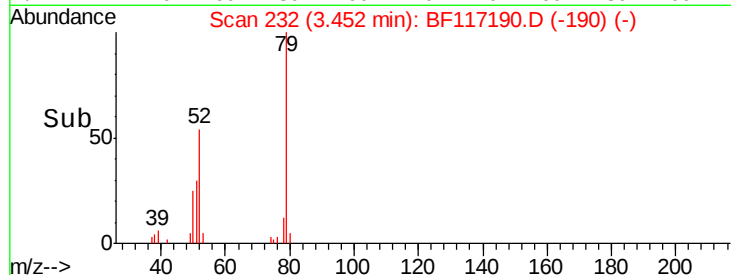
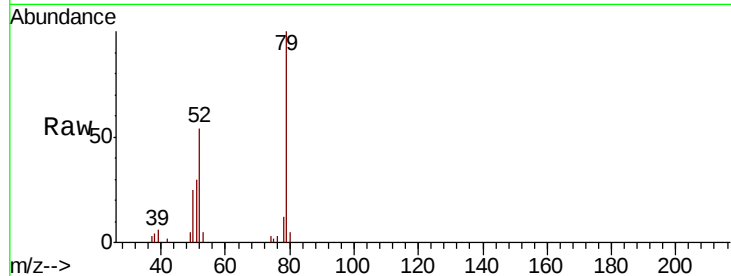
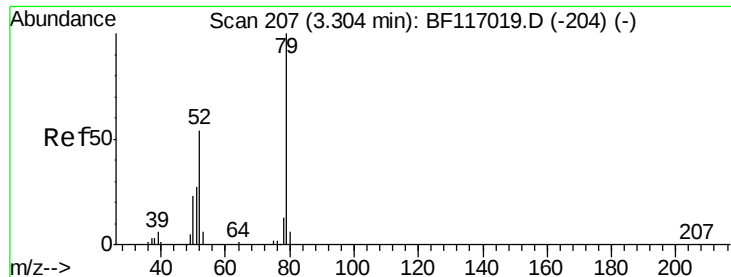
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





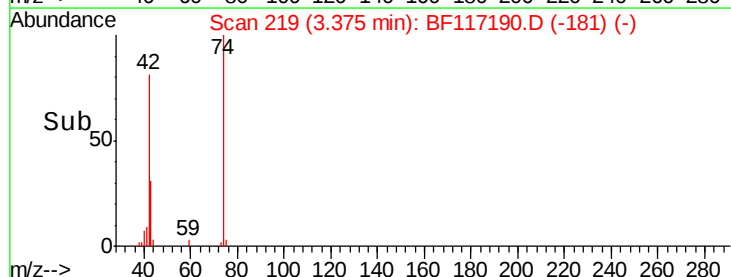
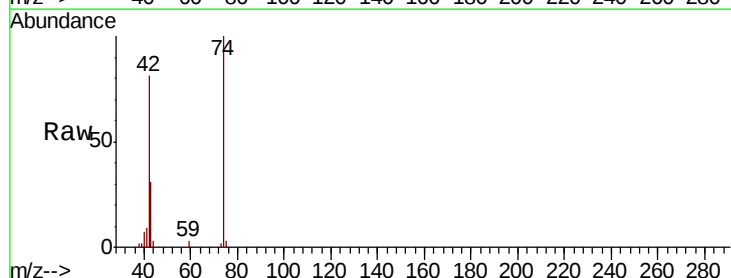
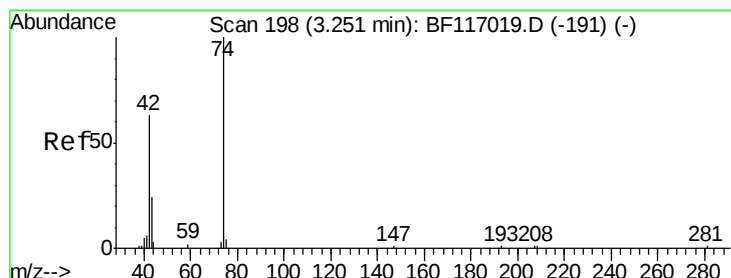
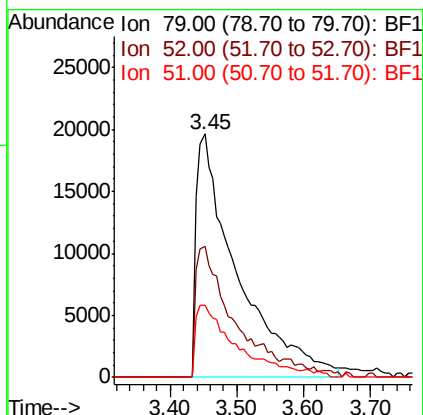
#3
Pvridine
Concen: 25.961 ng
RT: 3.45 min Scan# 232
Delta R.T. 0.15 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tot Ion	79	Resp	82598
Ion	Ratio	Lower	Upper
79	100		
52	53.9	43.5	65.3
51	29.5	21.8	32.6

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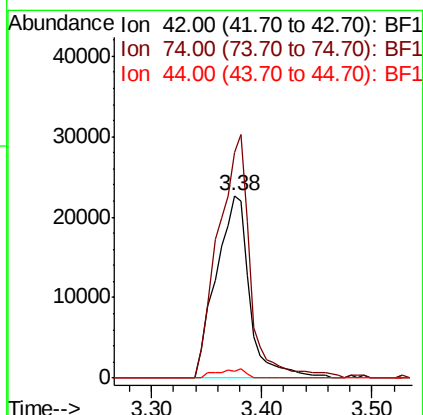
Manual Integrations
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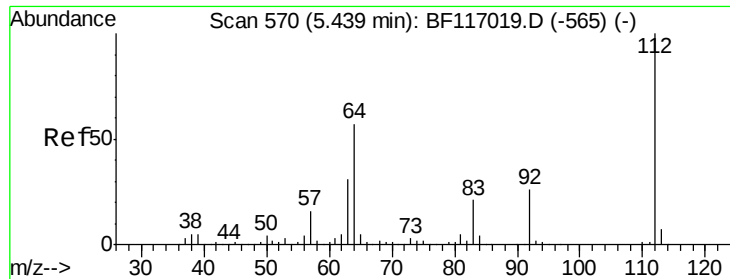
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#4
n-Nitrosodimethylamine
Concen: 43.548 ng
RT: 3.38 min Scan# 219
Delta R.T. 0.12 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion	42	Resp	47548
Ion	Ratio	Lower	Upper
42	100		
74	123.5	127.1	190.7#
44	4.1	4.3	6.5#





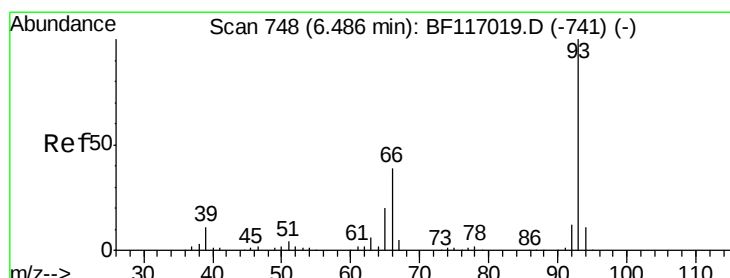
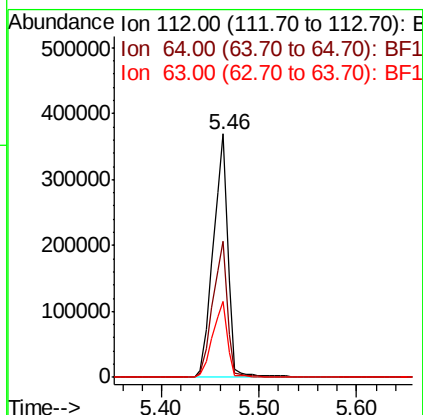
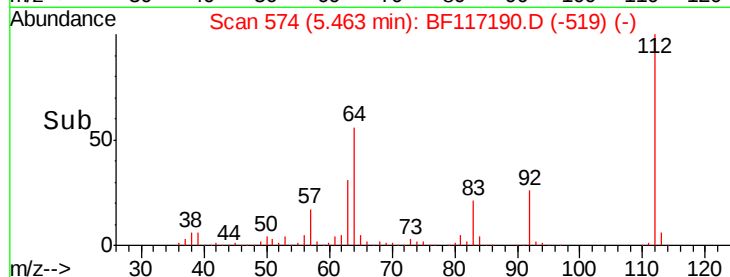
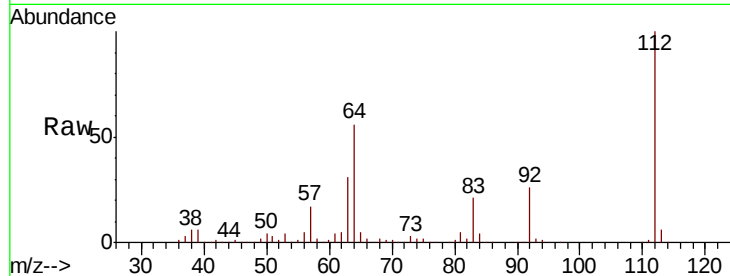
#5
2-Fluorophenol
Concen: 139.825 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion:	112	Resp:	388421
Ion Ratio	Lower	Upper	
112	100		
64	56.0	45.7	68.5
63	31.0	24.9	37.3

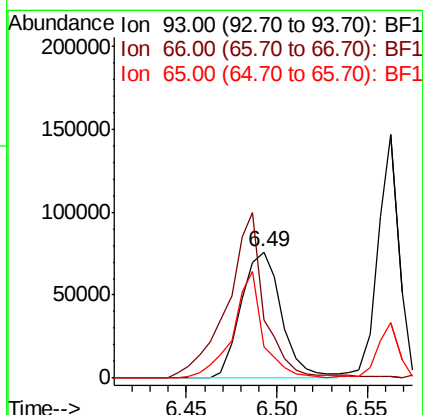
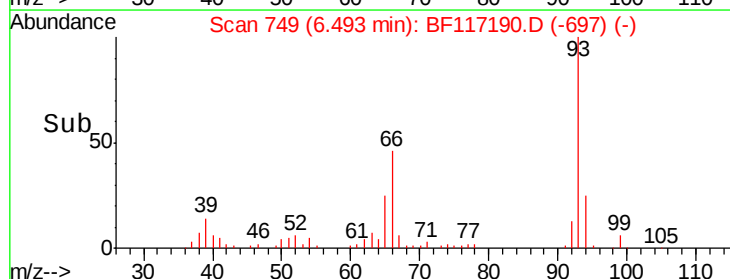
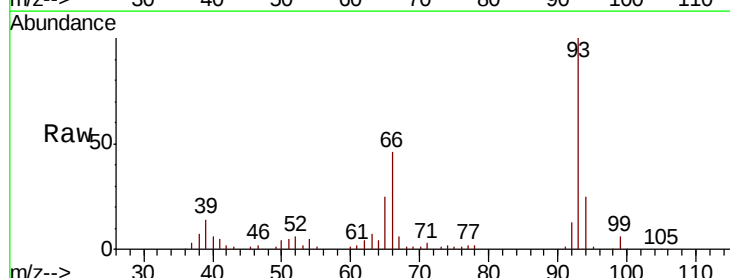
Manual Integrations
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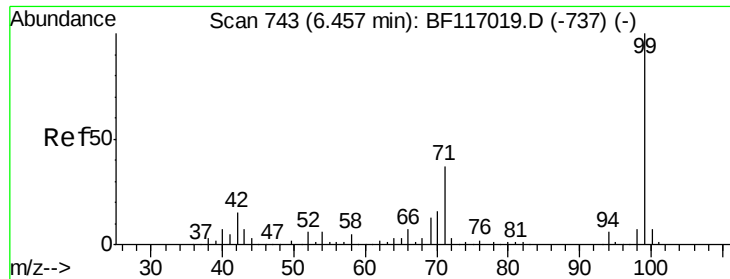
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#6
Aniline
Concen: 25.513 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion:	93	Resp:	117925
Ion Ratio	Lower	Upper	
93	100		
66	46.2	32.6	49.0
65	24.6	16.7	25.1





#7

Phenol-d6

Concen: 144.459 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.02 min

Lab File: BF117190.D

Acq: 20 Sep 2019 17:24

Instrument :

BNA_F

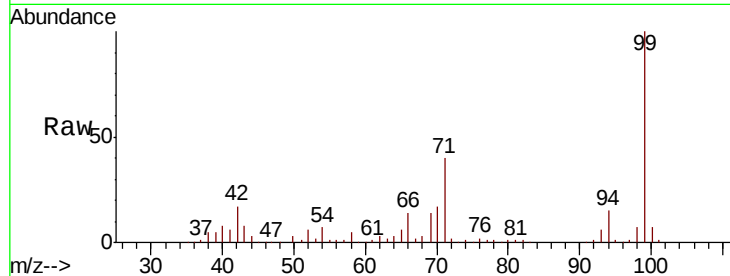
ClientSampleID :

PB123268BS

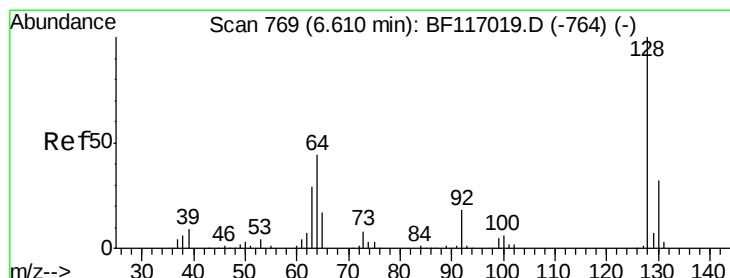
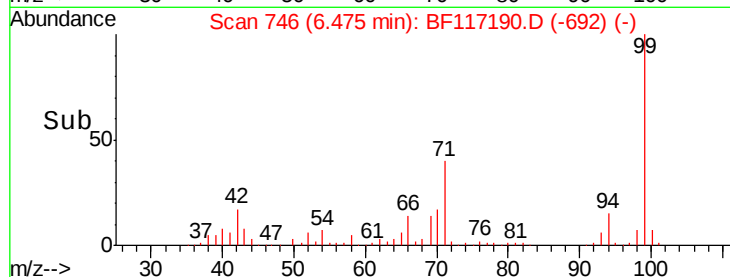
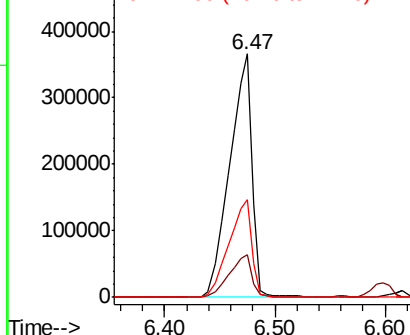
Tot Ion:	99	Resp:	518615
Ion Ratio	Lower	Upper	
99	100		
42	17.4	12.2	18.2
71	40.2	29.8	44.8

Manual Integrations
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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: 43.693 ng

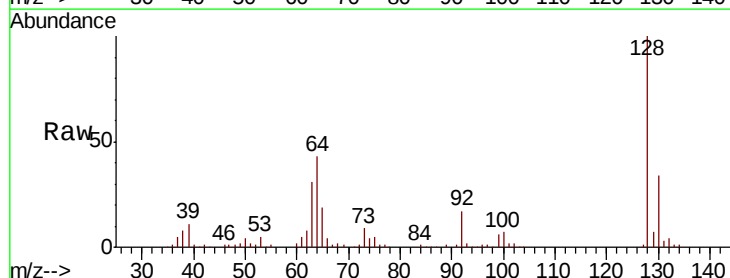
RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

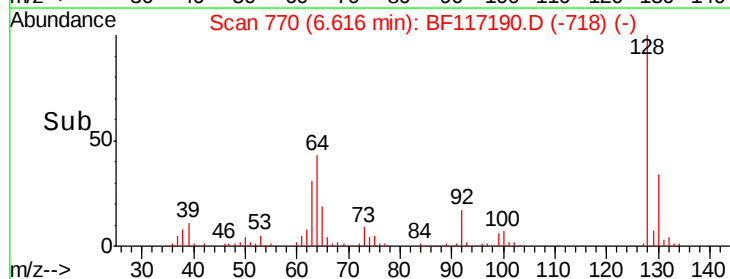
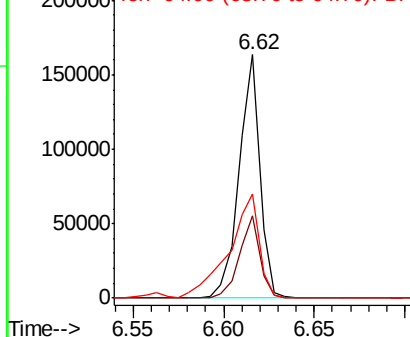
Lab File: BF117190.D

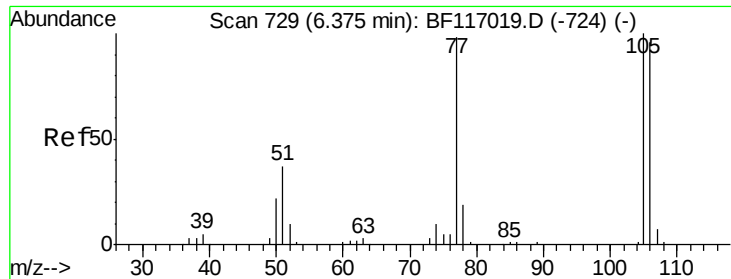
Acq: 20 Sep 2019 17:24

Tgt Ion:	128	Resp:	130941
Ion Ratio	Lower	Upper	
128	100		
130	34.0	11.8	51.8
64	43.0	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





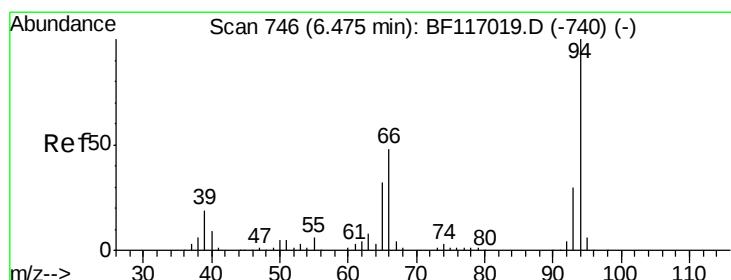
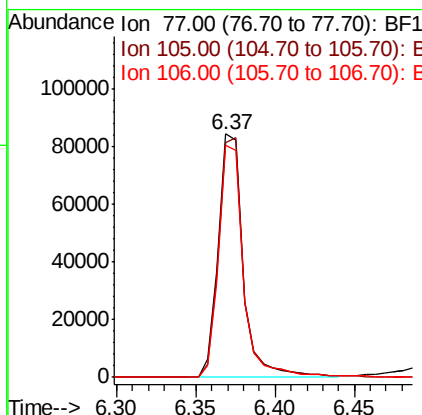
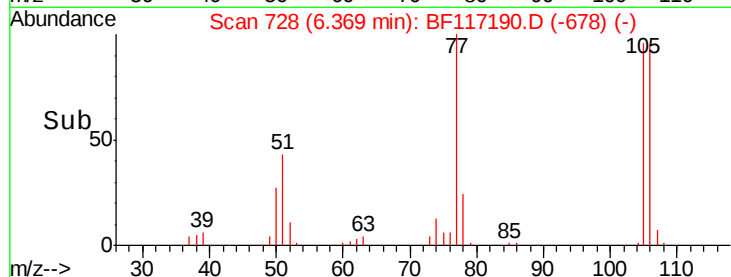
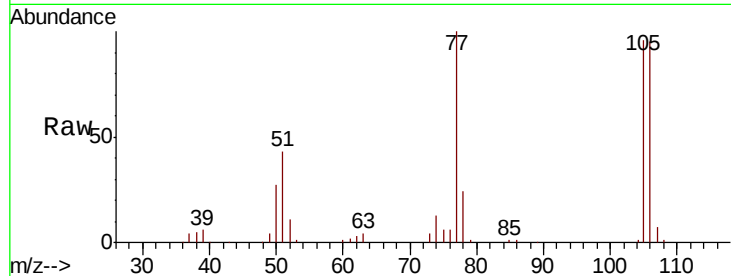
#9
Benzaldehyde
Concen: 54.975 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	96.1	81.8	121.8
106	95.3	77.3	117.3

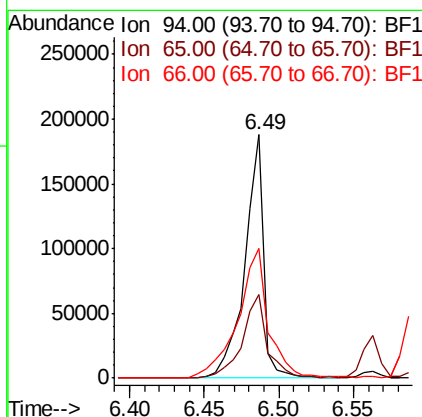
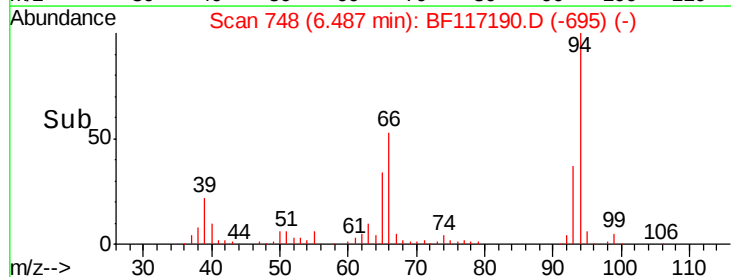
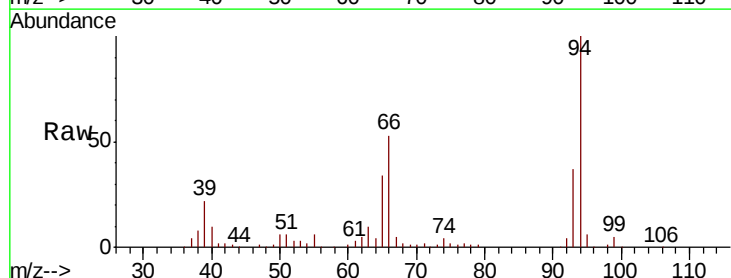
Manual Integrations
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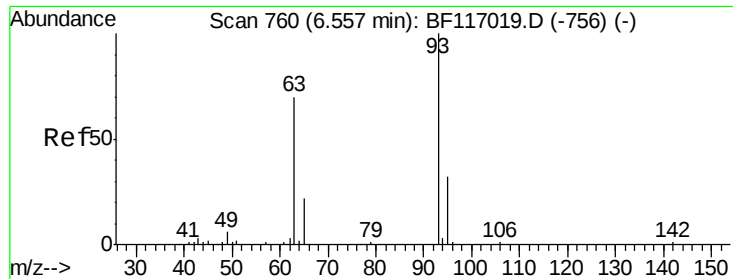
mohammad
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#10
Phenol
Concen: 41.562 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.1	12.5	52.5
66	53.1	28.9	68.9





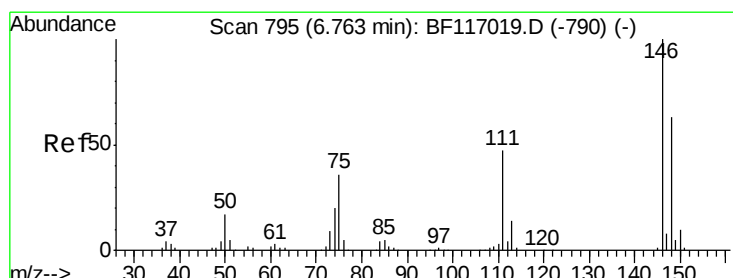
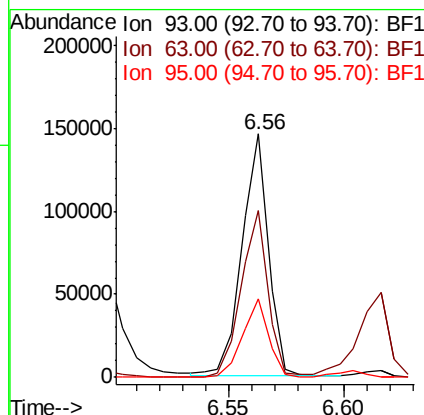
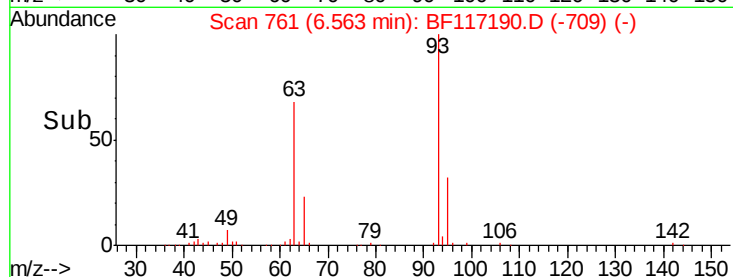
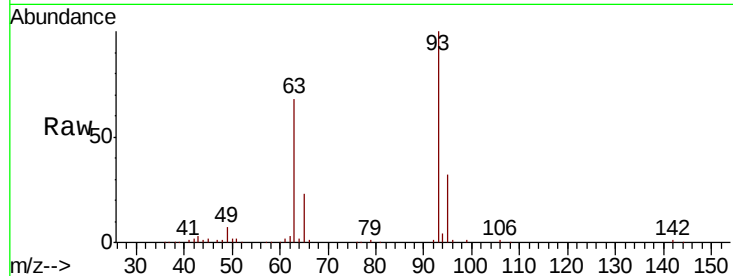
#11
bis(2-Chloroethyl)ether
Concen: 39.991 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion:	93	Resp:	116325
Ion Ratio	Lower	Upper	
93	100		
63	68.4	49.3	89.3
95	32.4	11.5	51.5

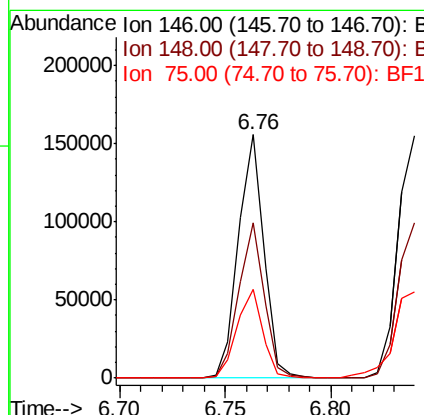
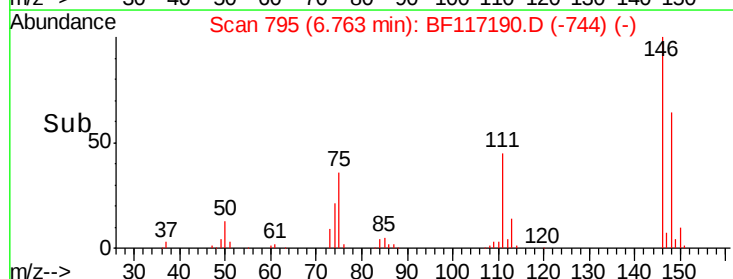
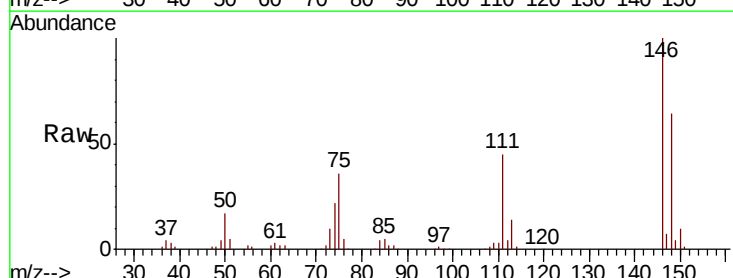
Manual Integrations
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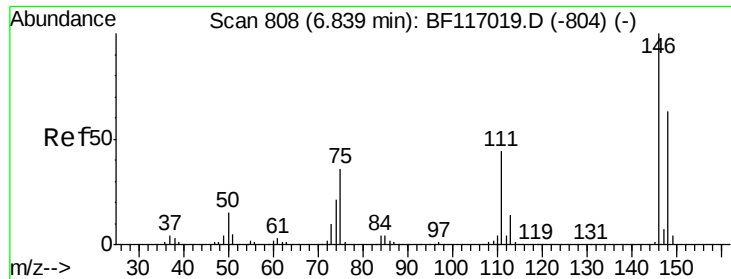
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.654 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion:	146	Resp:	129988
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.8	76.2
75	36.5	28.7	43.1





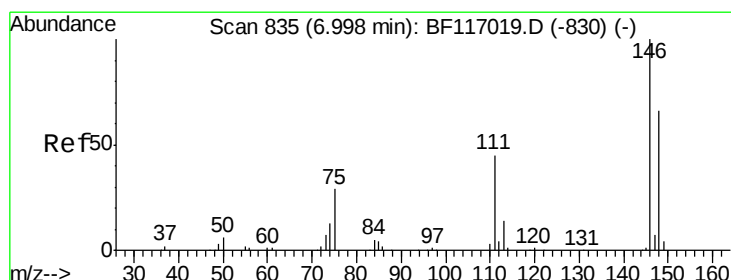
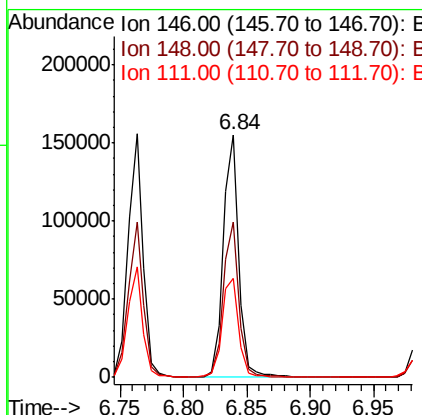
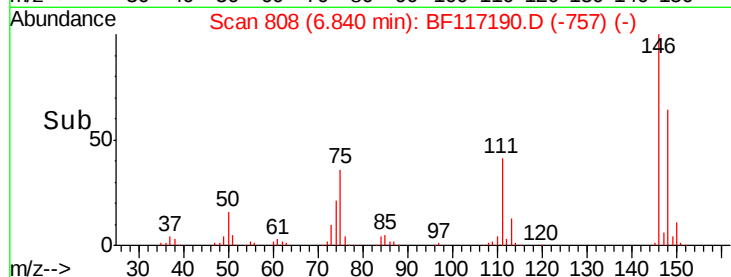
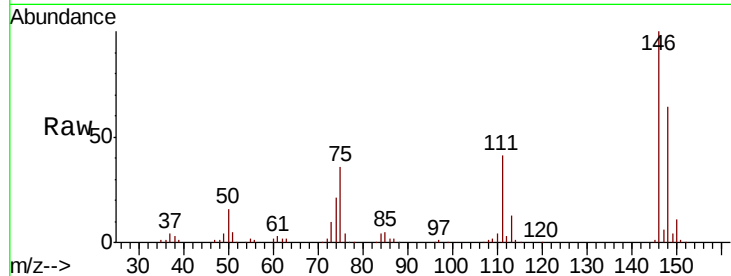
#13
 1,4-Dichlorobenzene
 Concen: 38.689 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Instrument :
 BNA_F
 ClientSampleID :
 PB123268BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		132773		
148	64.1	50.6	76.0		
111	40.8	35.0	52.6		

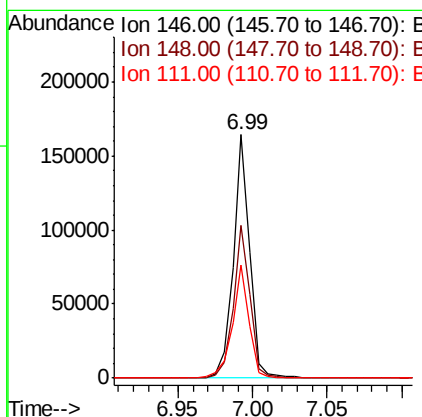
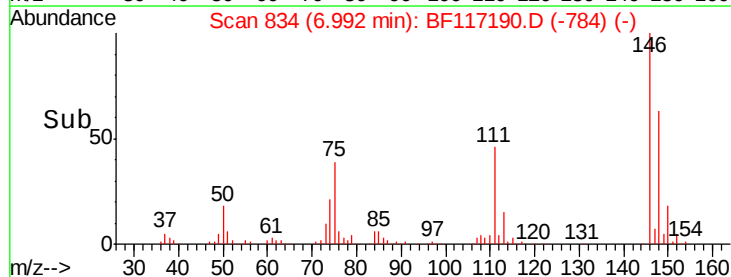
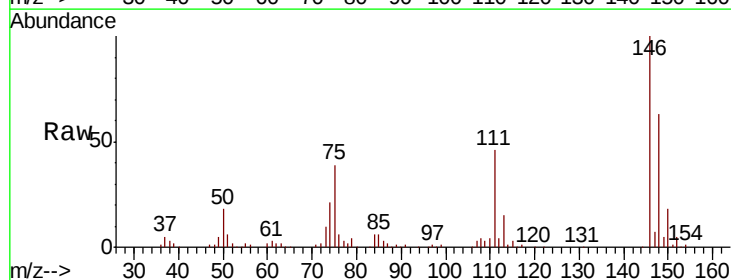
Manual Integrations
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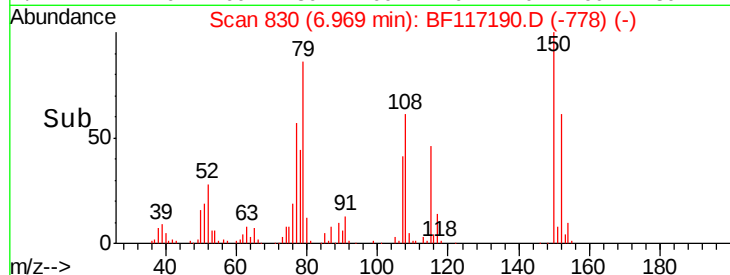
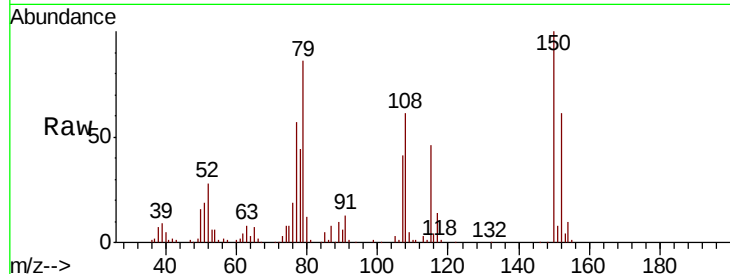
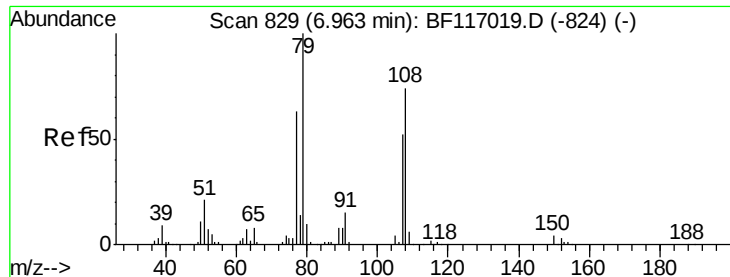
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#14
 1,2-Dichlorobenzene
 Concen: 40.062 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		128005		
148	62.9	52.6	78.8		
111	46.3	36.2	54.2		





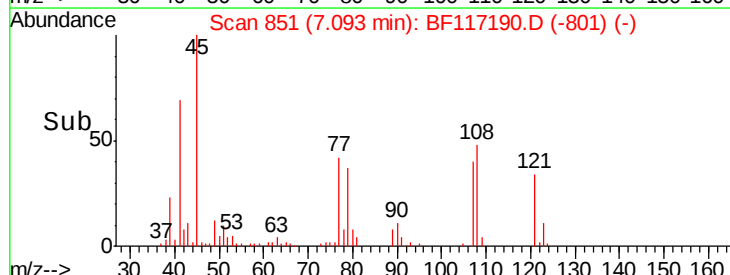
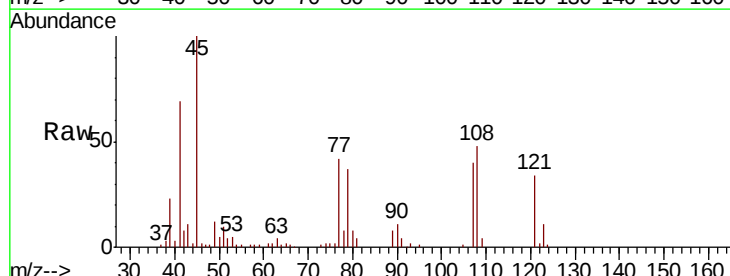
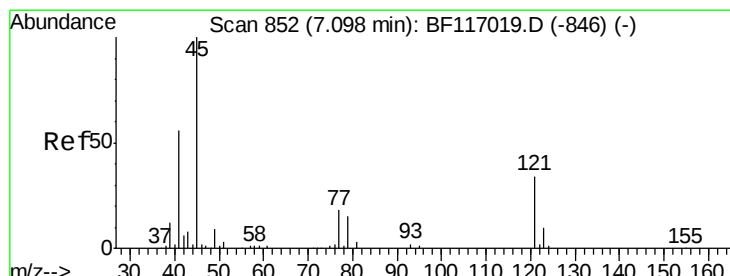
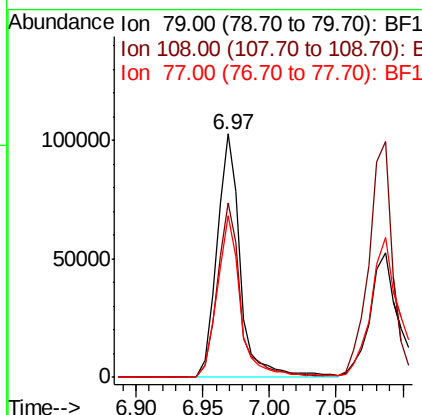
#15
Benzyl Alcohol
Concen: 46.113 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tot Ion	Ratio	Resp	Lower	Upper
79	100	126952		
108	71.6	59.4	89.0	
77	66.3	50.2	75.2	

Instrument :
BNA_F
ClientSampled :
PB123268BS

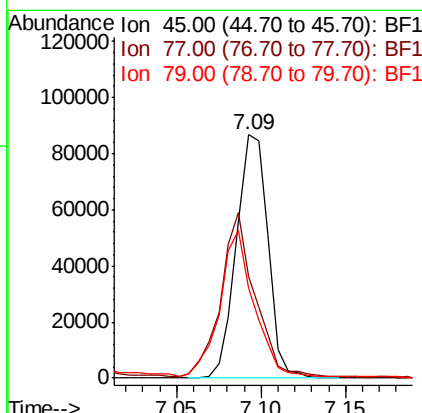
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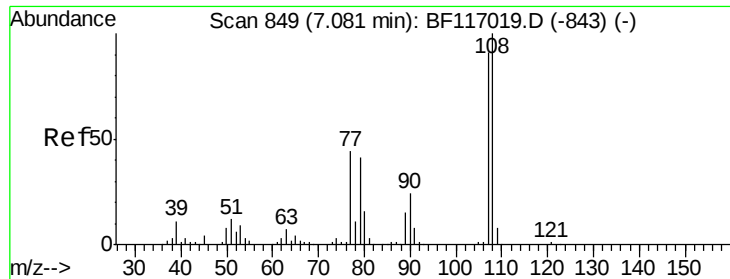
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.476 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	113447		
77	41.6	2.7	42.7	
79	36.8	0.0	38.9	





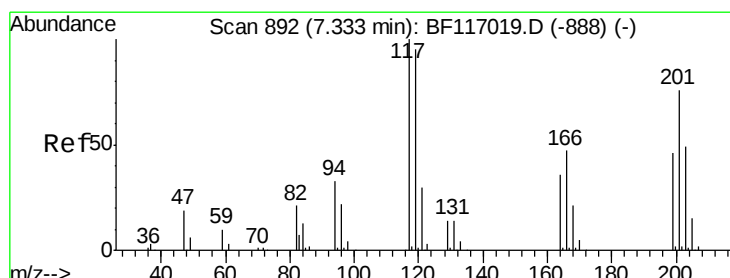
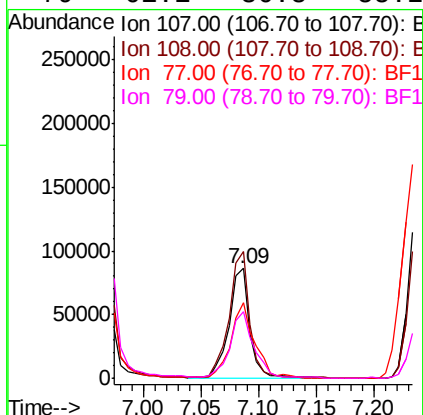
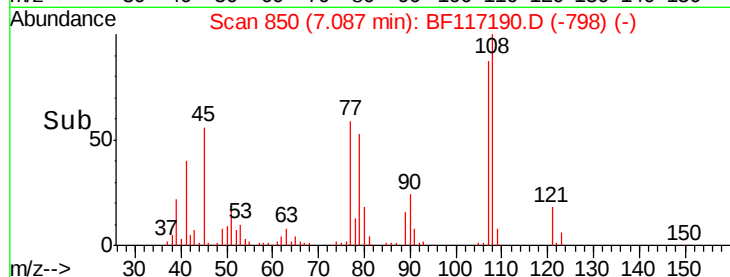
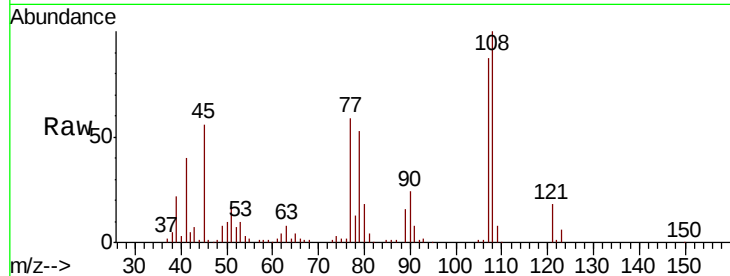
#17
2-Methylphenol
Concen: 42.912 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampleID :
PB123268BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.4	87.7	131.5
77	68.5	38.6	58.0
79	61.1	36.8	55.2

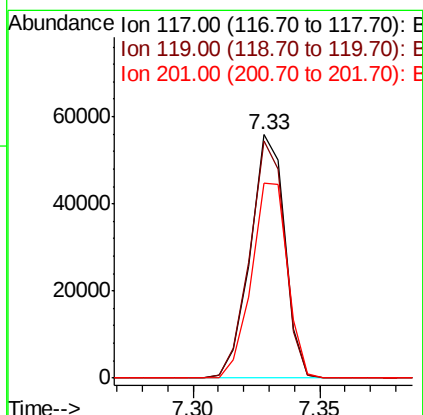
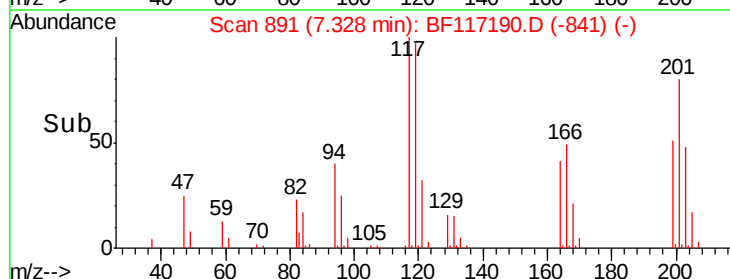
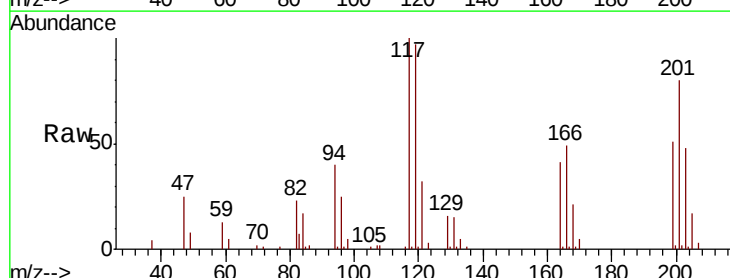
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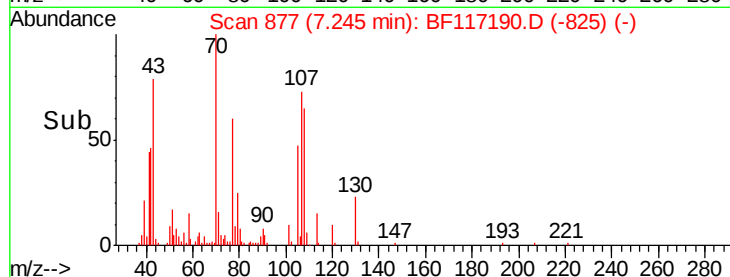
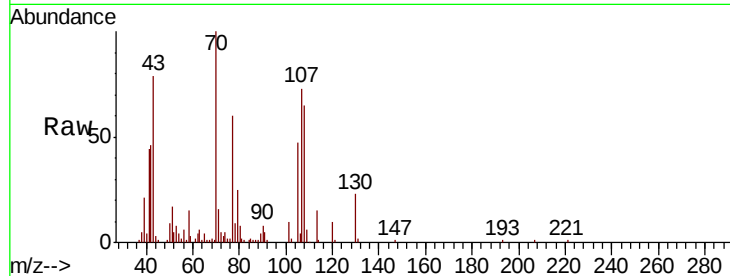
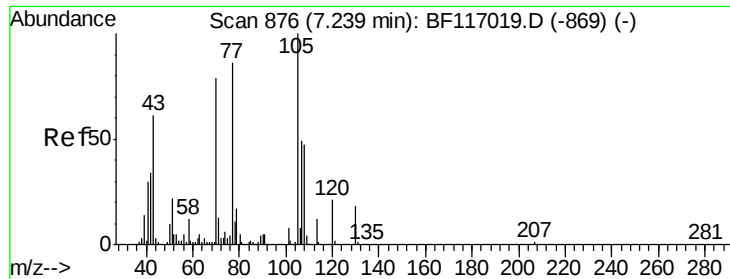
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#18
Hexachloroethane
Concen: 40.379 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	75.8	113.8
201	79.8	60.9	91.3





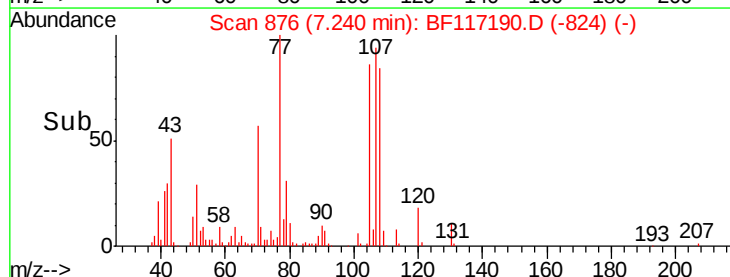
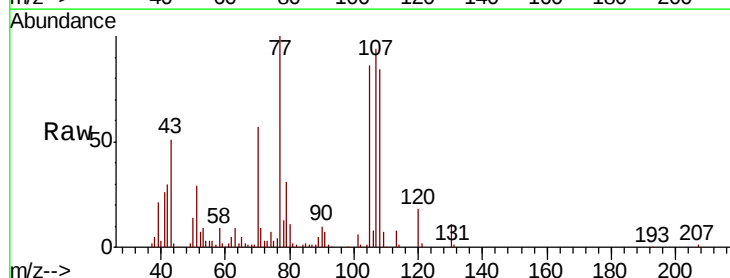
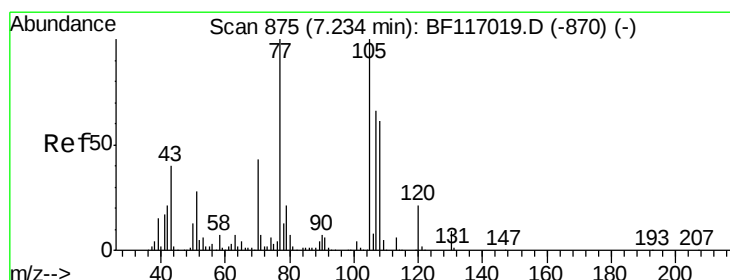
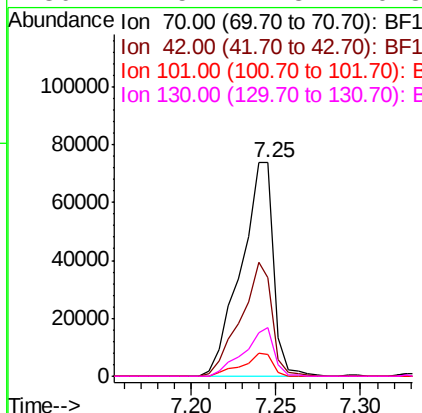
#19
n-Nitroso-di-n-propylamine
Concen: 45.696 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	45.9	34.0	51.0	
101	10.5	7.8	11.6	
130	22.5	17.8	26.8	

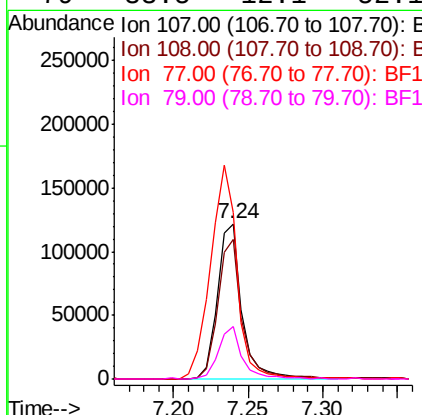
Manual Integrations
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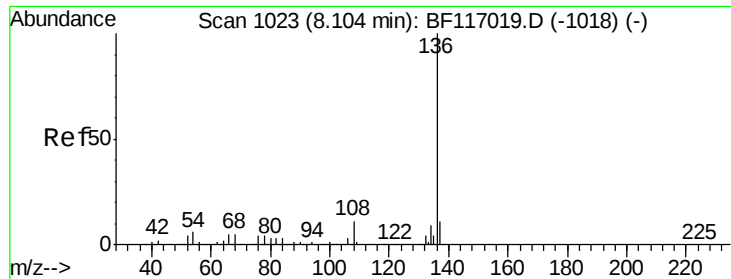
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#20
3+4-Methylphenols
Concen: 45.294 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.1	72.6	112.6	
77	106.9	132.1	172.1	
79	33.5	12.1	52.1	





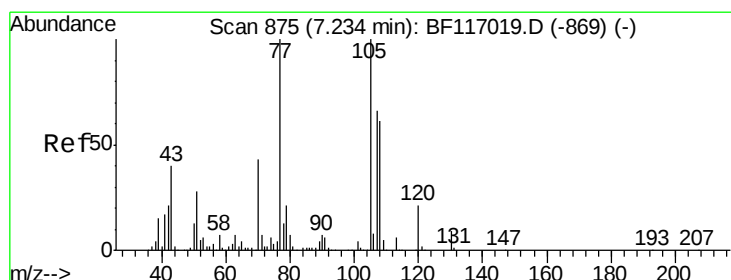
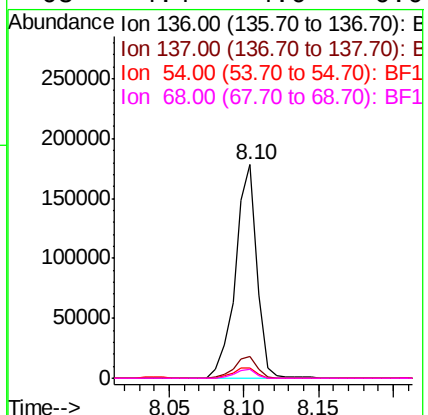
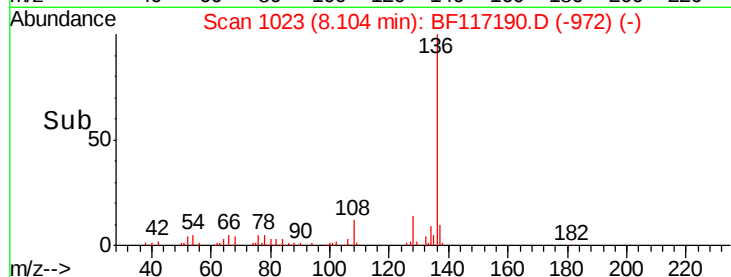
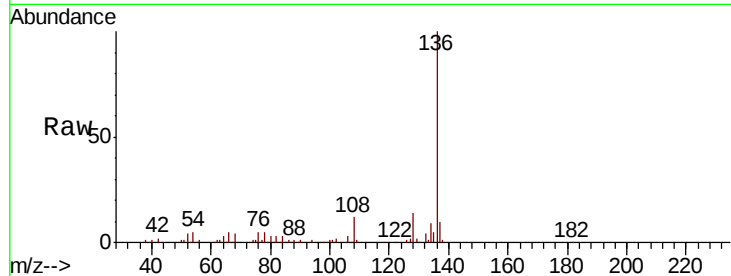
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampled :
PB123268BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	180020		
137	10.4	9.0	13.4	
54	5.0	4.5	6.7	
68	4.4	4.0	6.0	

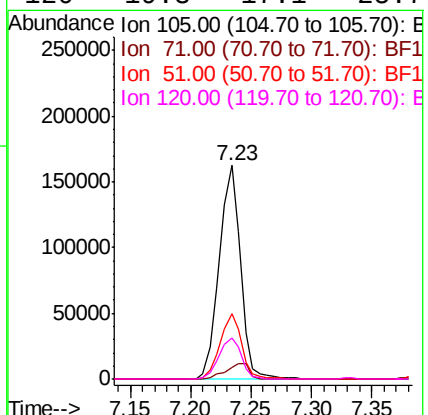
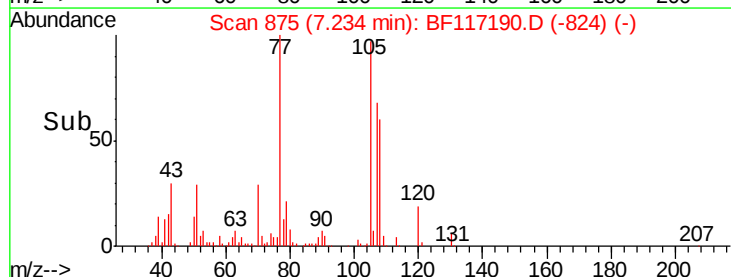
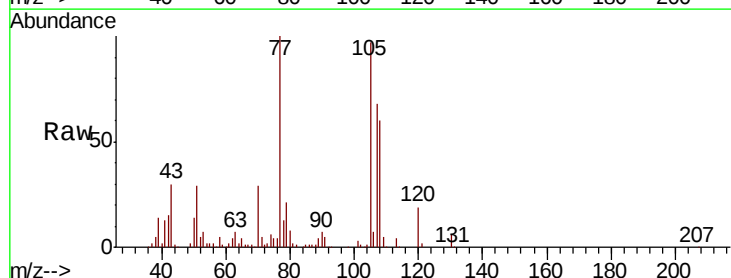
Manual Integrations
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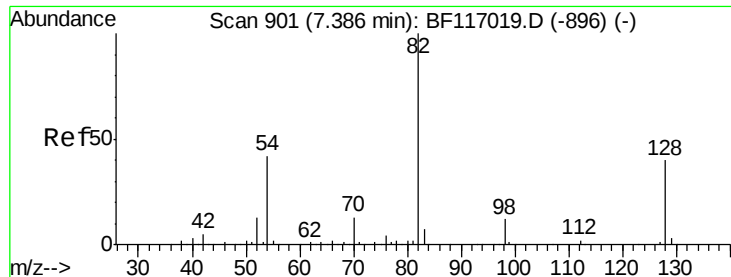
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#22
Acetophenone
Concen: 43.285 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	197977		
71	5.2	5.7	8.5#	
51	30.3	22.1	33.1	
120	19.3	17.1	25.7	





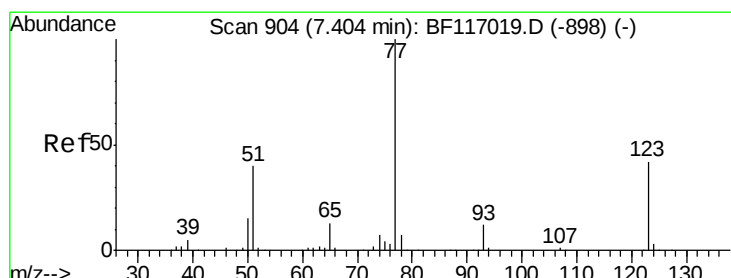
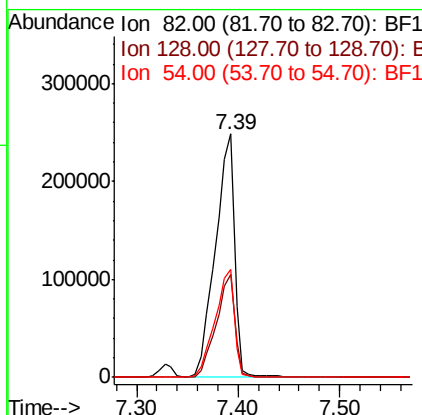
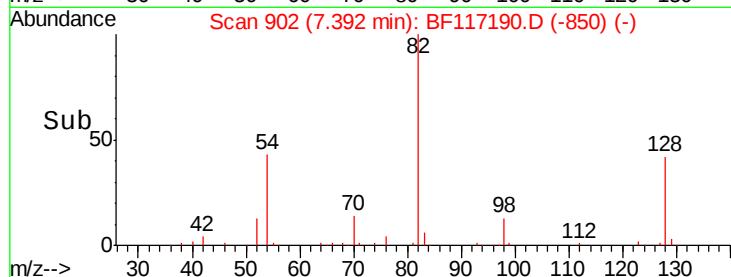
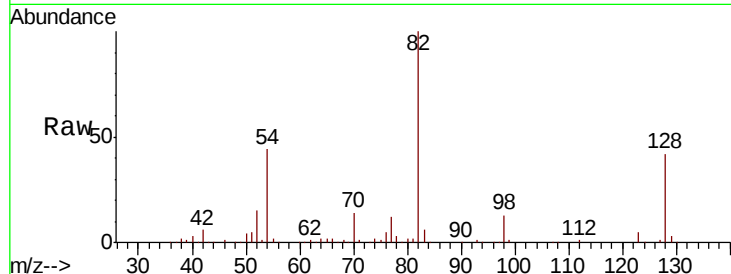
#23
 Nitrobenzene-d5
 Concen: 96.091 ng
 RT: 7.39 min Scan# 902
 Delta R.T. 0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :
 PB123268BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	329225		
128	42.1		32.3	48.5
54	44.1		33.3	49.9

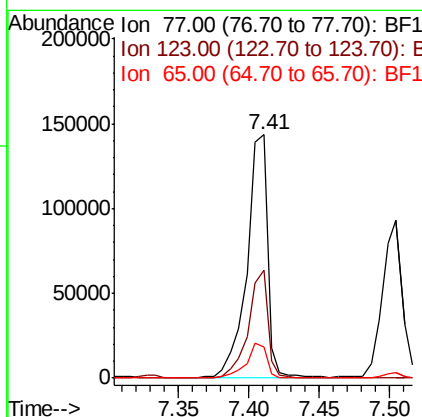
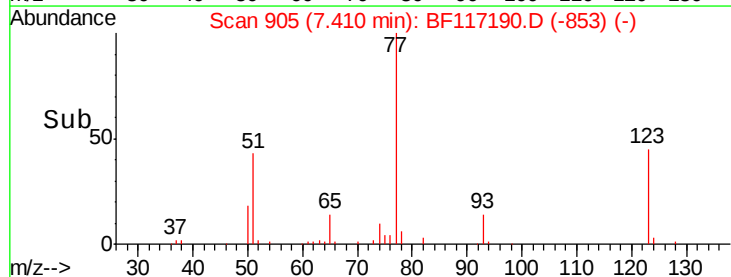
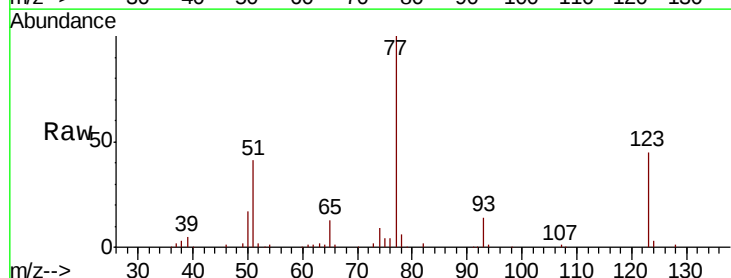
Manual Integrations
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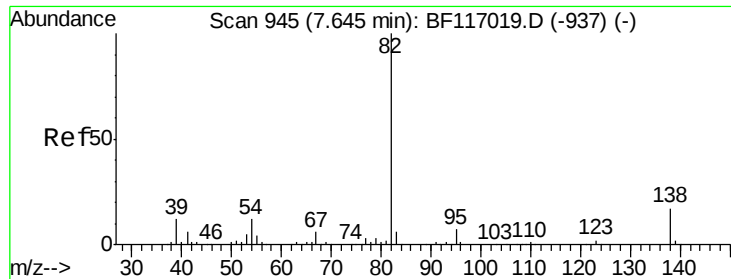
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#24
 Nitrobenzene
 Concen: 43.668 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	147751		
123	44.5		33.5	50.3
65	12.8		10.5	15.7





#25

Isophorone

Concen: 44.568 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117190.D

Acq: 20 Sep 2019 17:24

Instrument :

BNA_F

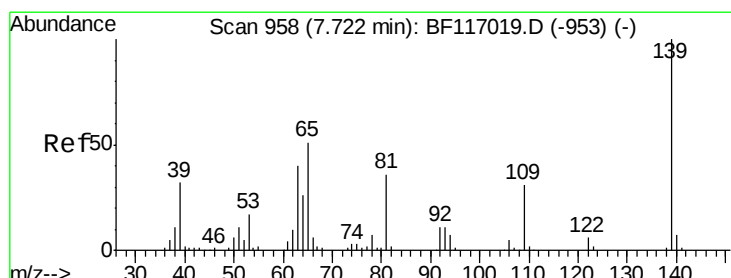
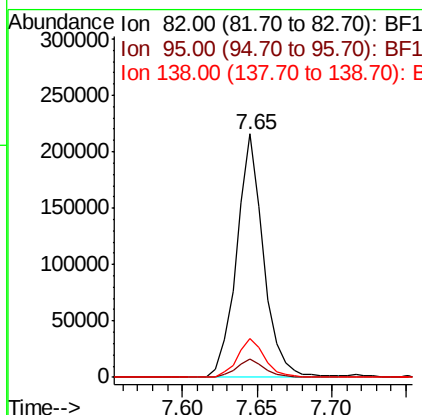
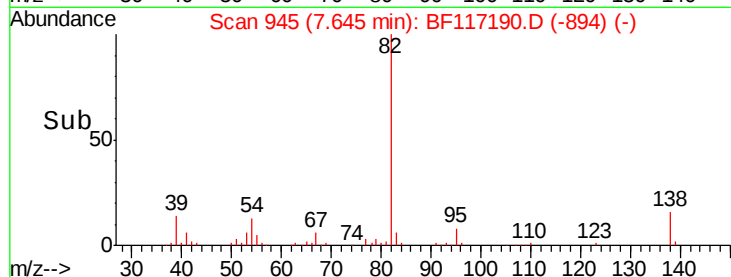
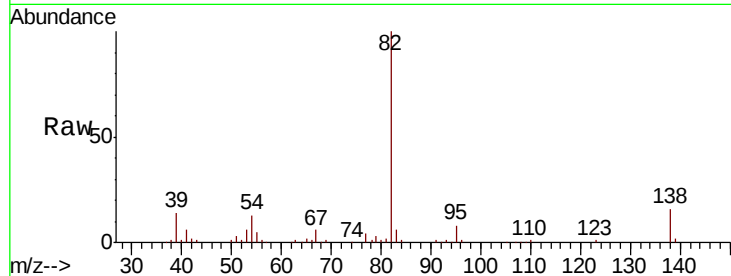
ClientSampleId :

PB123268BS

Tot Ion:	82	Resp:	270365
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.8	8.6
138	16.2	13.5	20.3

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#26

2-Nitrophenol

Concen: 46.087 ng

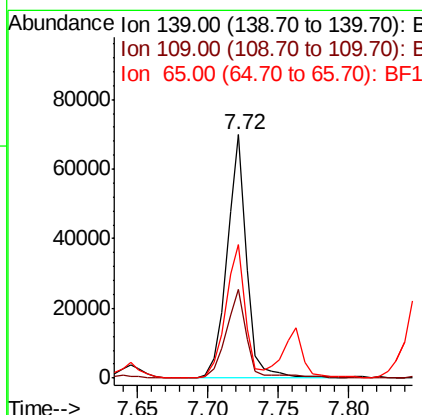
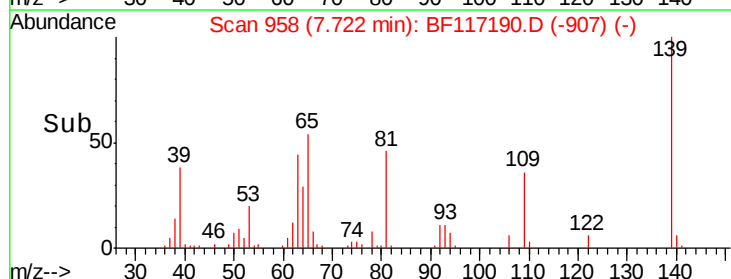
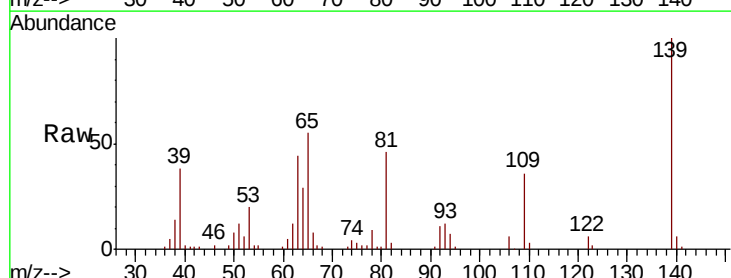
RT: 7.72 min Scan# 958

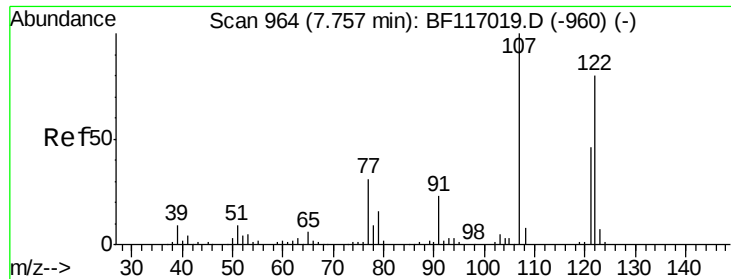
Delta R.T. 0.00 min

Lab File: BF117190.D

Acq: 20 Sep 2019 17:24

Tgt Ion:	139	Resp:	66980
Ion Ratio	Lower	Upper	
139	100		
109	36.3	24.6	36.8
65	54.8	40.9	61.3





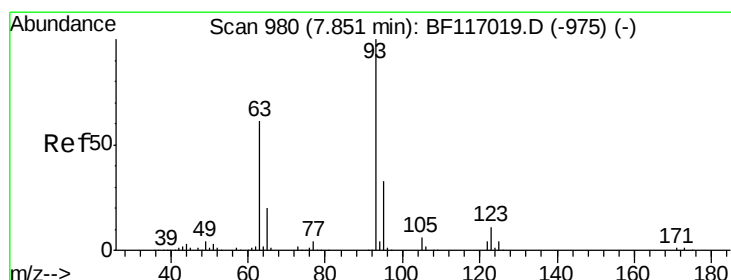
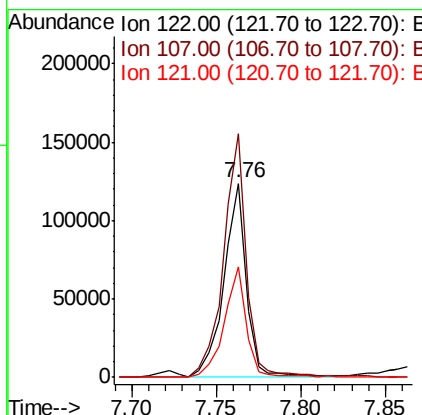
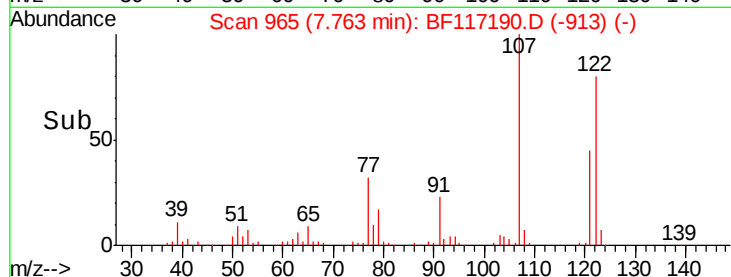
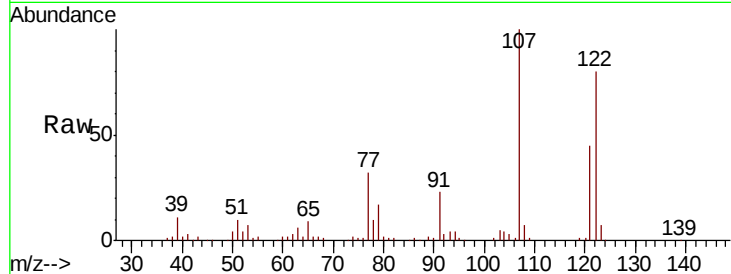
#27
 2,4-Dimethylphenol
 Concen: 49.586 ng
 RT: 7.76 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :
 PB123268BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	114279		
107	125.4	98.9	148.3	
121	56.9	45.3	67.9	

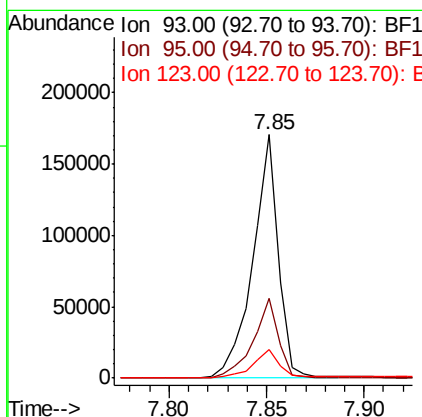
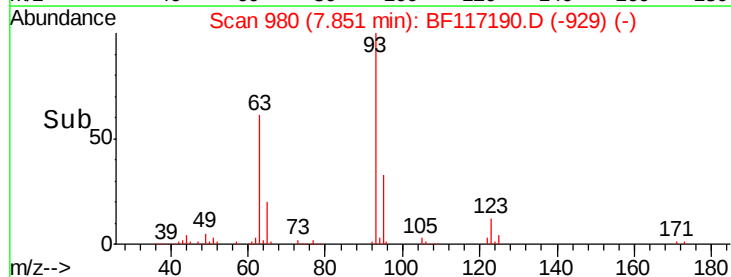
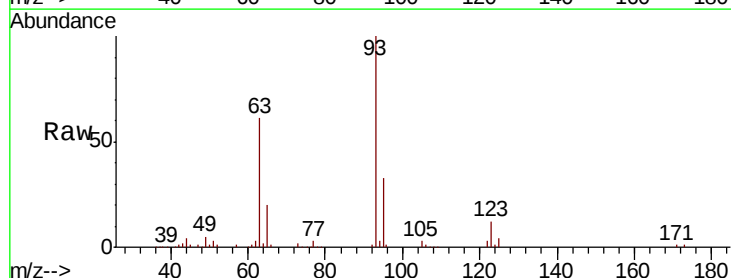
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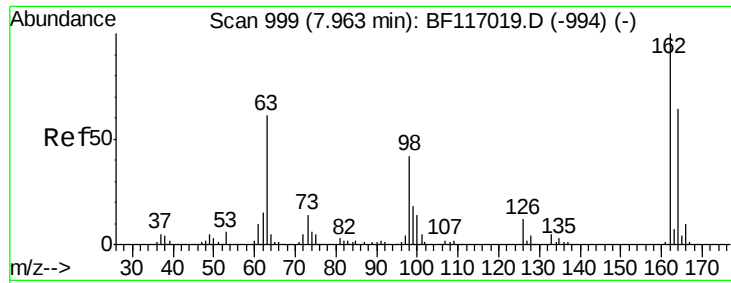
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.443 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	154893		
95	32.7	26.2	39.4	
123	11.9	9.0	13.6	





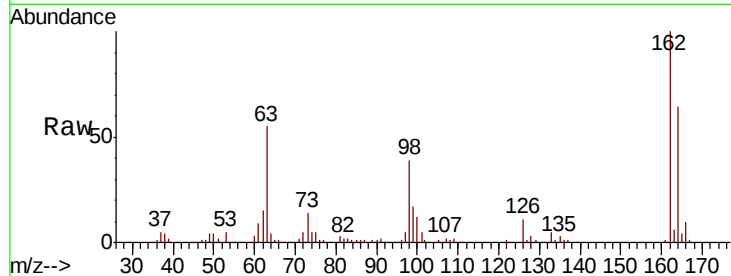
#29
2,4-Dichlorophenol
Concen: 44.687 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampled :
PB123268BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	107914		
164	64.0	43.8	83.8	
98	38.9	22.1	62.1	

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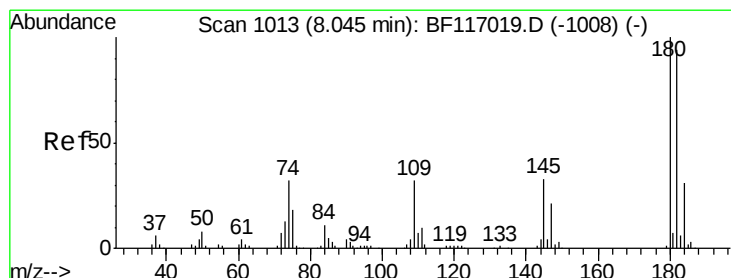
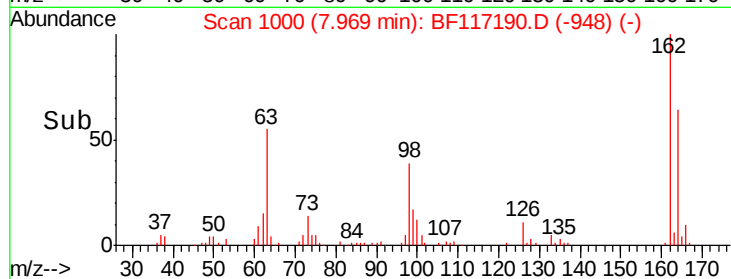
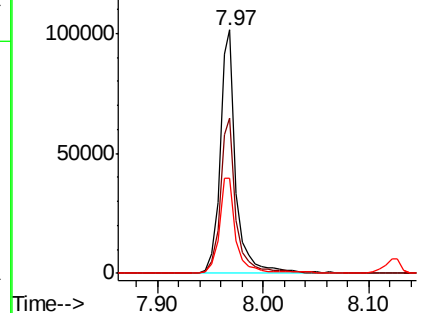


Abundance

Ion 162.00 (161.70 to 162.70): E

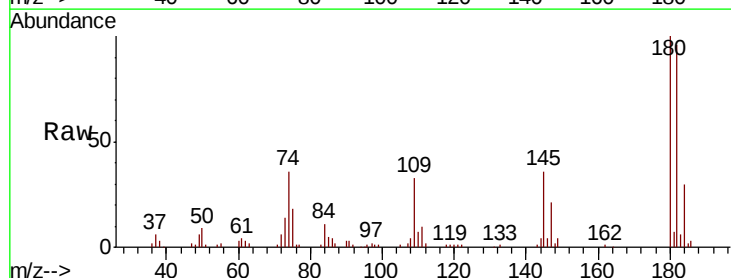
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.826 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	106515		
182	95.7	75.4	113.0	
145	35.5	26.7	40.1	

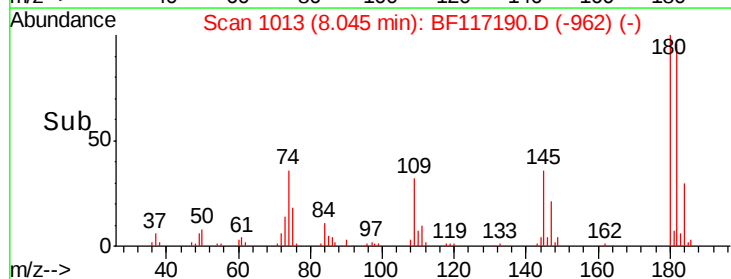
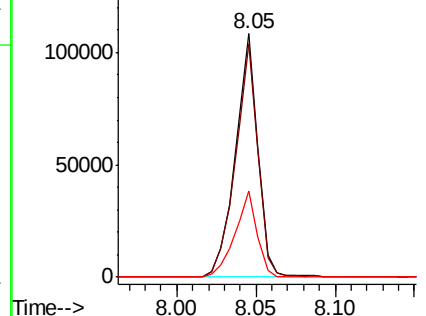


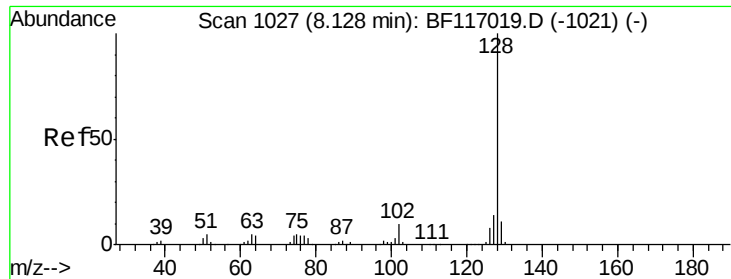
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





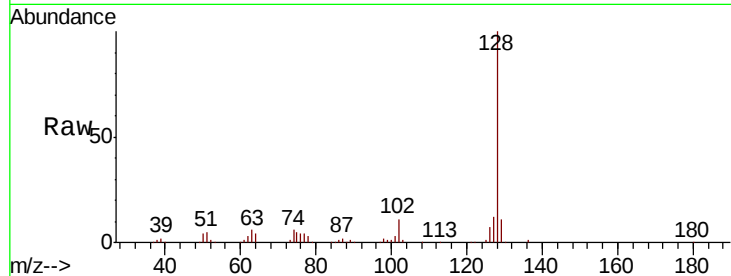
#31
Naphthalene
Concen: 43.432 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampleId :
PB123268BS

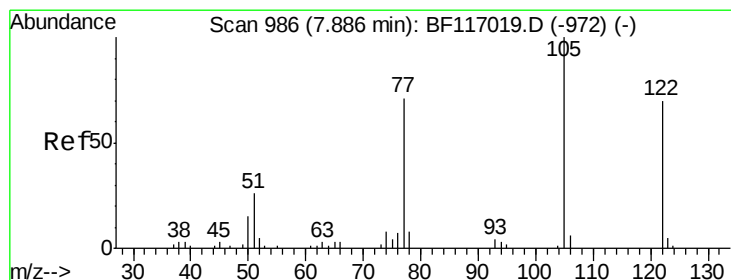
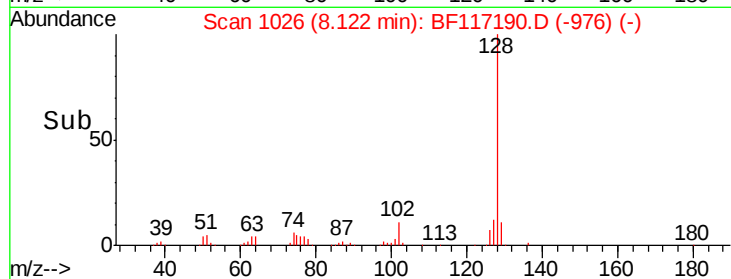
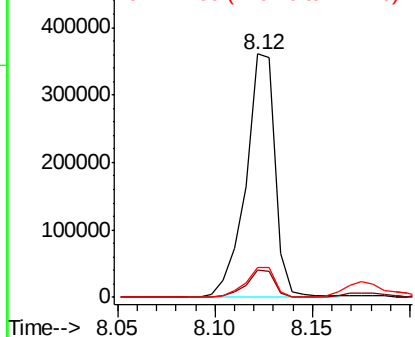
Tot Ion	128	Resp	376025
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.0	13.4
127	12.5	10.8	16.2

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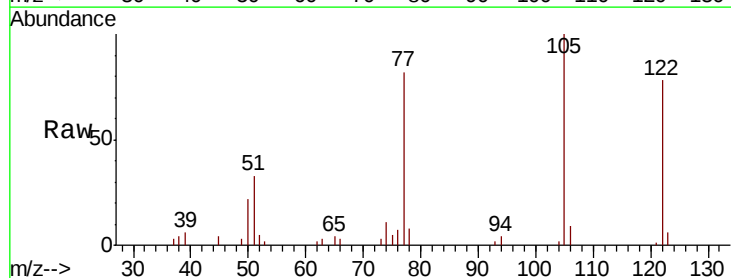


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

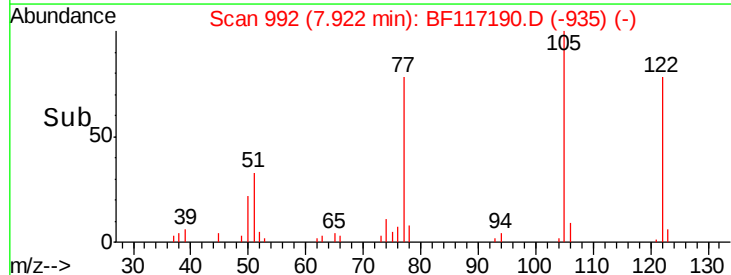
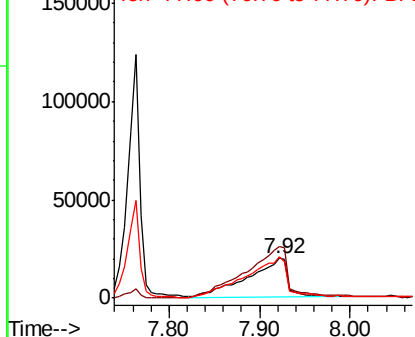


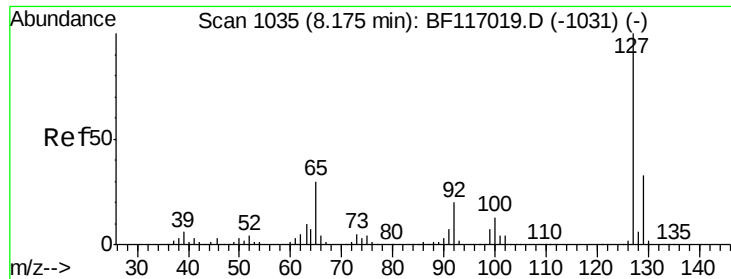
#32
Benzoic acid
Concen: 36.698 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.04 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion	122	Resp	60731
Ion Ratio	Lower	Upper	
122	100		
105	128.9	114.8	154.8
77	105.2	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





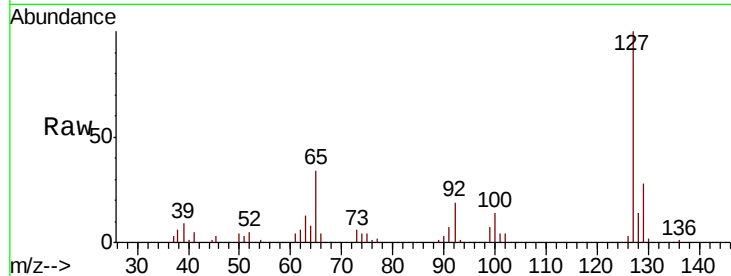
#33
4-Chloroaniline
Concen: 10.629 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampleId :
PB123268BS

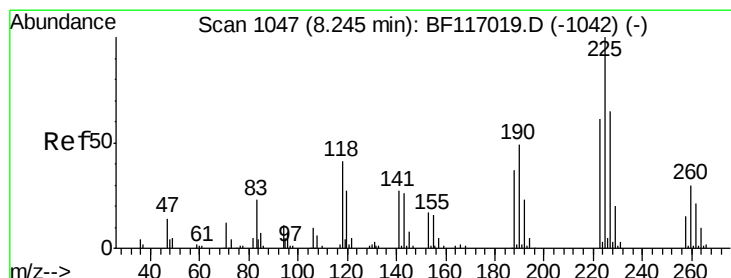
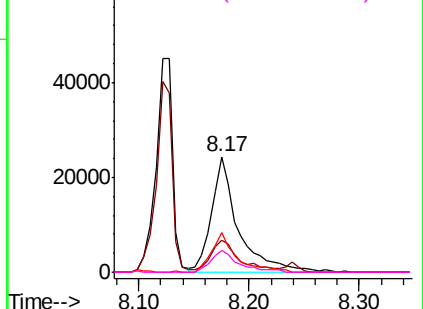
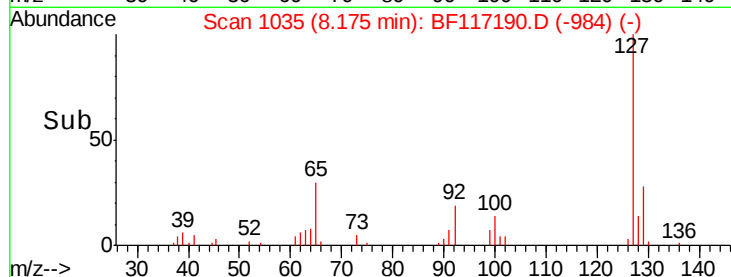
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	28.3	26.2	39.2	
65	34.1	23.5	35.3	
92	18.9	15.9	23.9	

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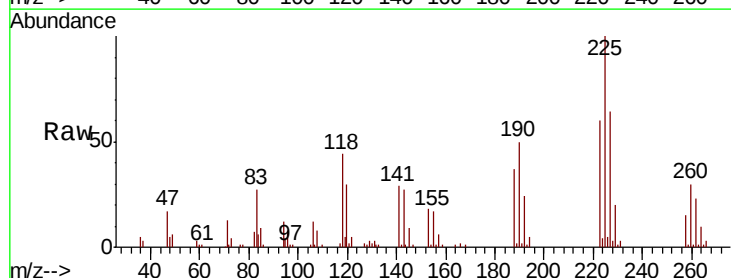


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

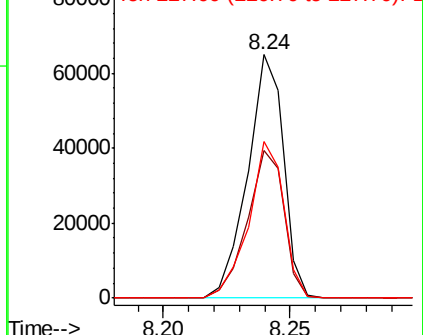
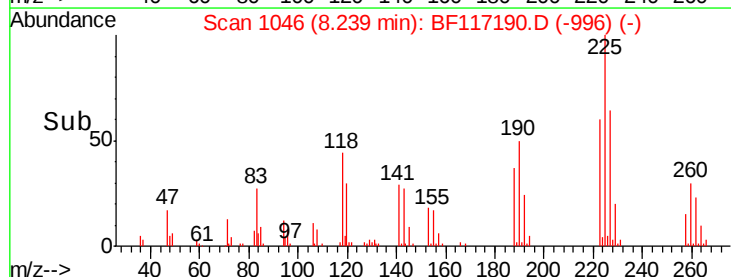


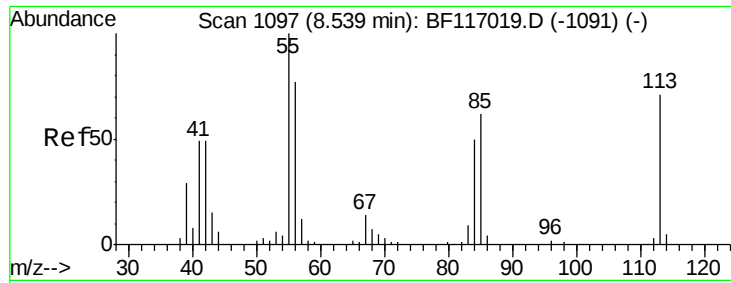
#34
Hexachlorobutadiene
Concen: 43.347 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.5	49.1	73.7	
227	64.1	52.2	78.2	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





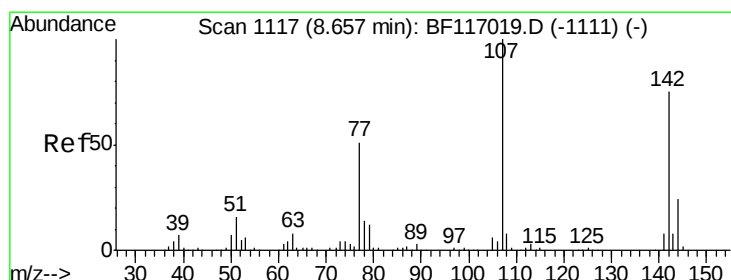
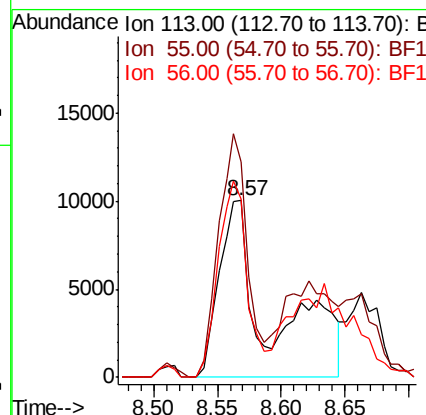
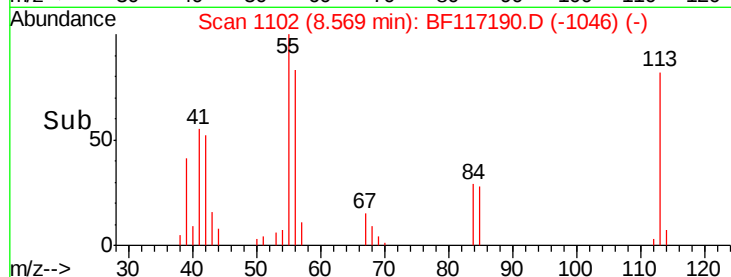
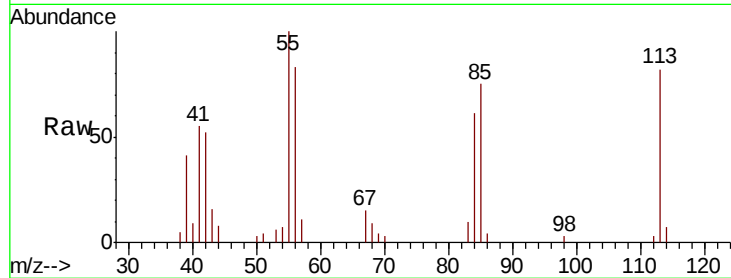
#35
 Caprolactam
 Concen: 34.224 ng/ml
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.03 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :
 PB123268BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	121.4	120.6	160.6
56	100.9	88.8	128.8

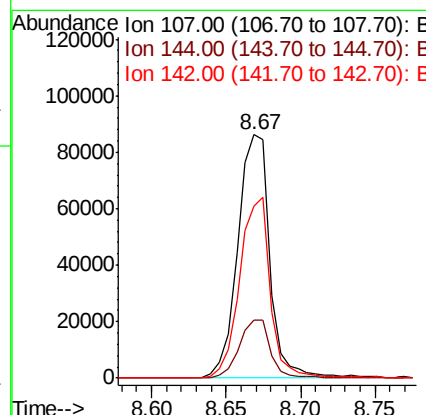
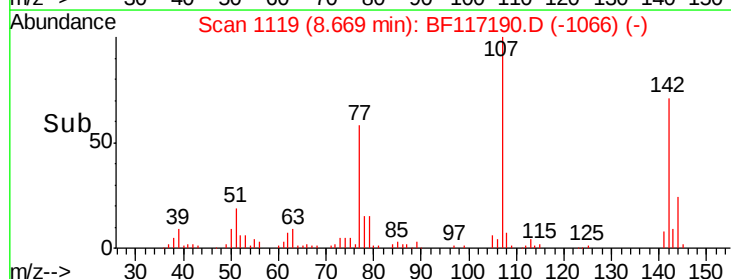
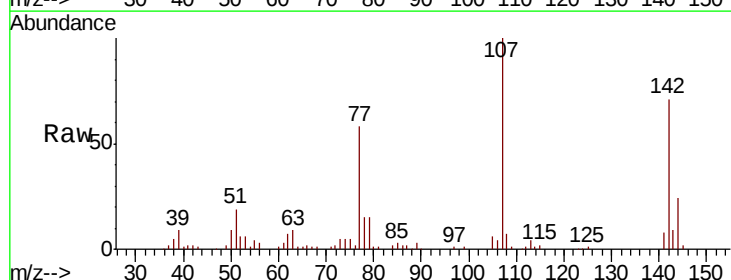
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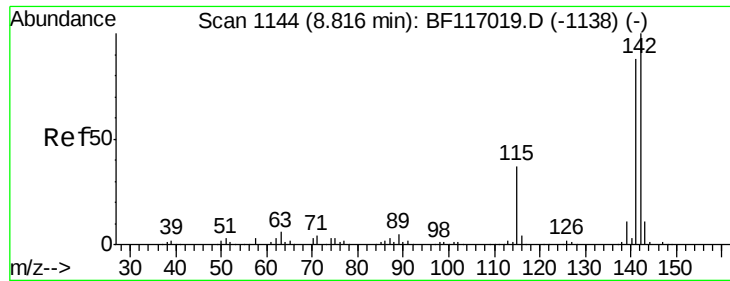
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#36
 4-Chloro-3-methylphenol
 Concen: 45.798 ng/ml
 RT: 8.67 min Scan# 1119
 Delta R.T. 0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.8	19.2	28.8
142	70.7	59.6	89.4





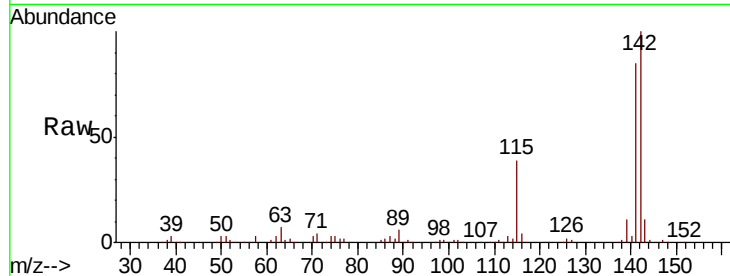
#37
2-Methylnaphthalene
Concen: 45.366 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	84.6	70.7	106.1
115	38.7	29.4	44.0

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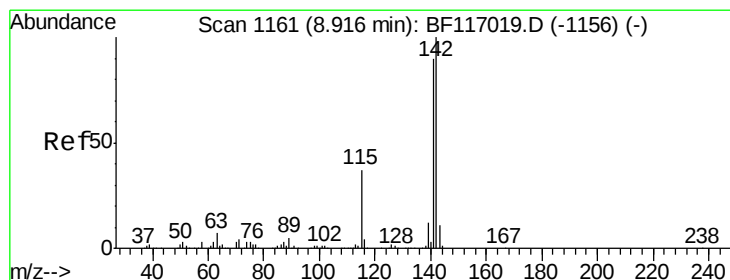
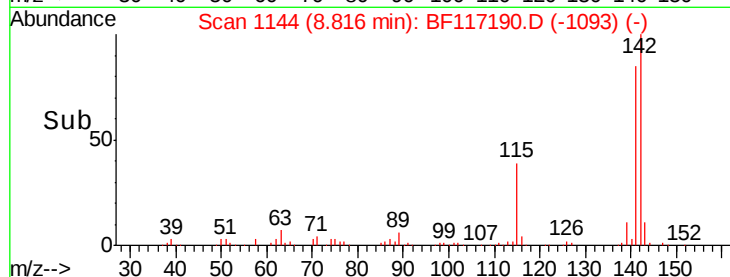
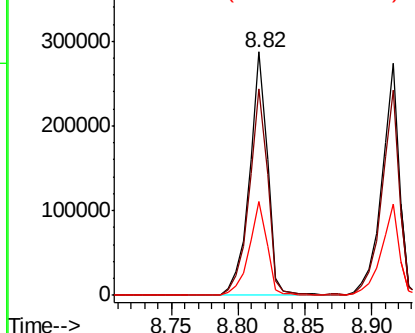


Abundance

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: 44.871 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

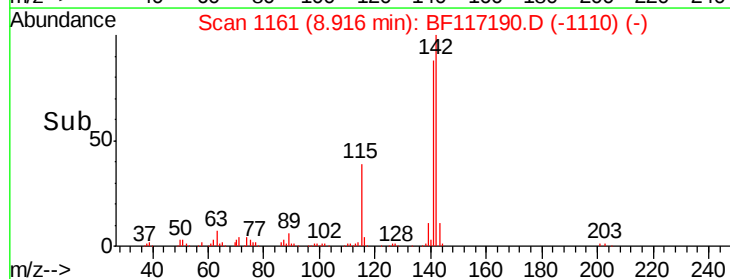
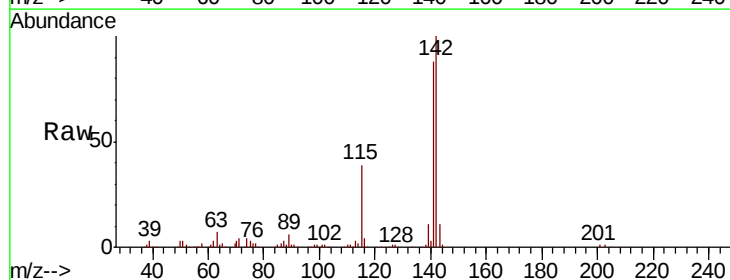
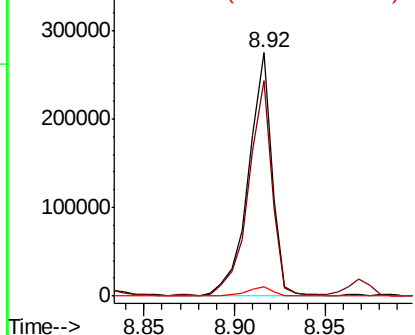
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.9	107.9
116	4.0	3.2	4.8

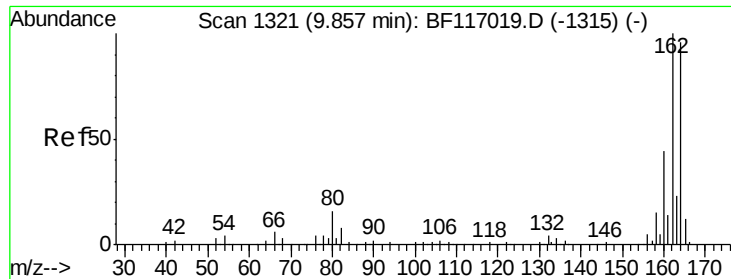
Abundance

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: 9.86 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF117190.D

Acq: 20 Sep 2019 17:24

Instrument :

BNA_F

ClientSampleId :

PB123268BS

Tot Ion:164 Resp: 95673

Ion Ratio Lower Upper

164 100

162 106.0 83.4 125.2

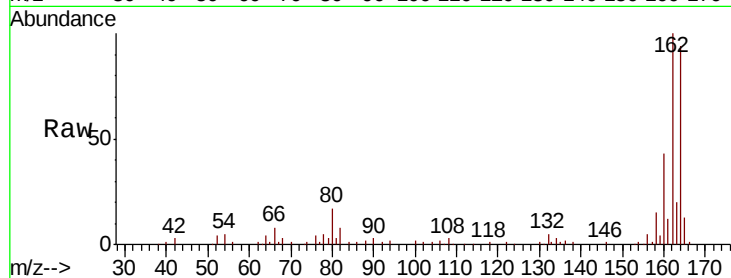
160 45.4 36.4 54.6

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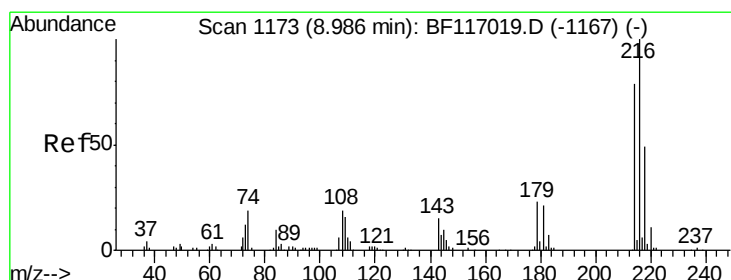
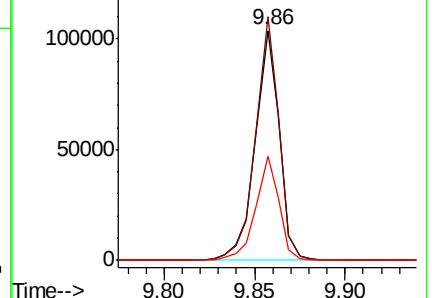
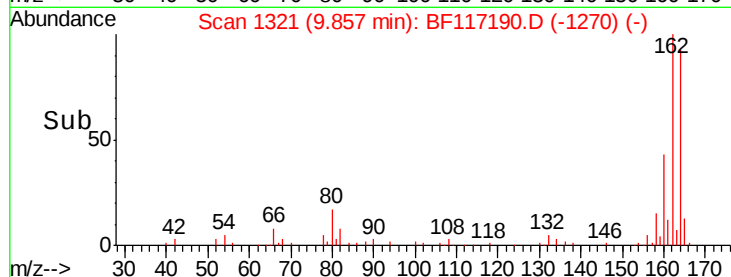
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Abundance Ion 164.00 (163.70 to 164.70): E

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: 42.511 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF117190.D

Acq: 20 Sep 2019 17:24

Tgt Ion:216 Resp: 105025

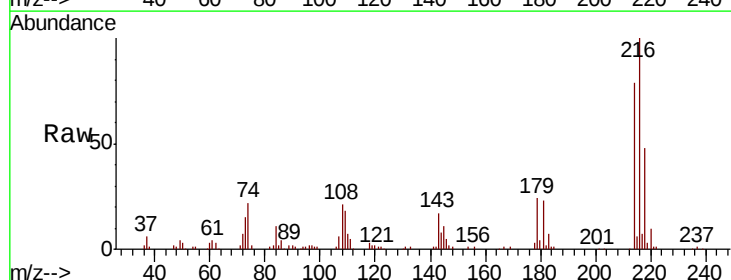
Ion Ratio Lower Upper

216 100

214 79.7 63.6 95.4

179 23.8 18.3 27.5

108 26.9 17.8 26.6#

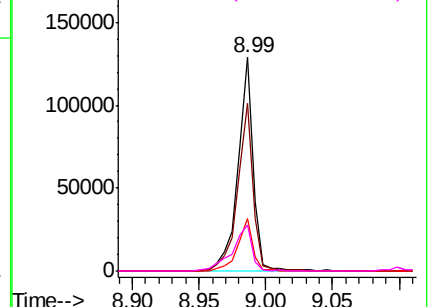
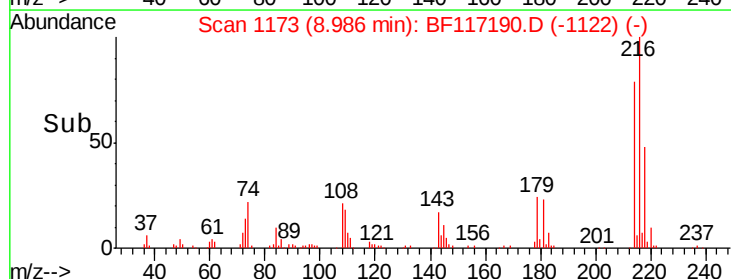


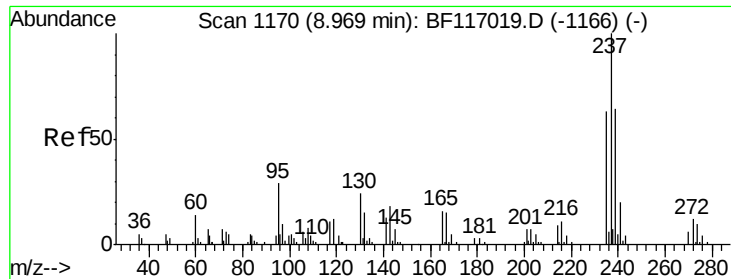
Abundance Ion 216.00 (215.70 to 216.70): E

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





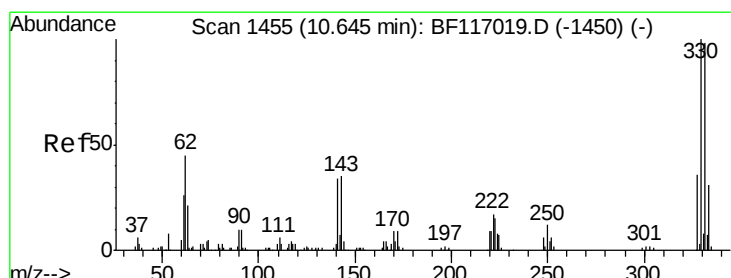
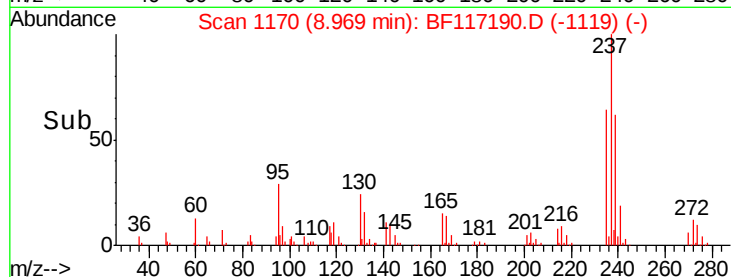
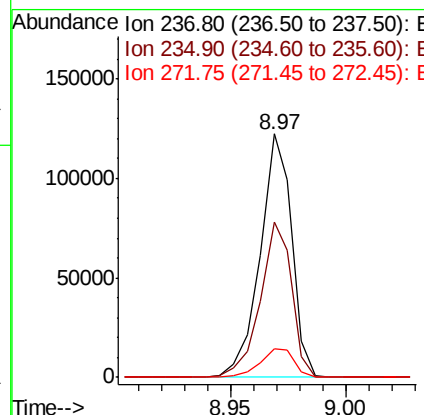
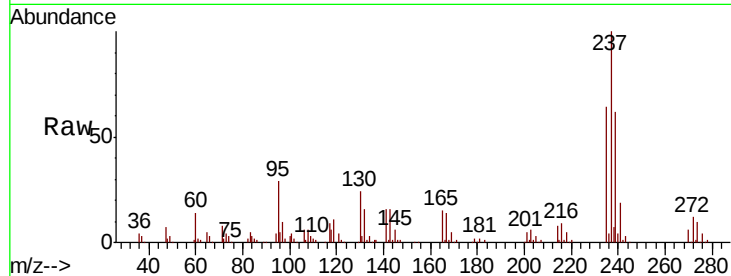
#41
Hexachlorocyclopentadiene
Concen: 104.165 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.7	43.2	83.2	
272	11.7	0.0	31.9	

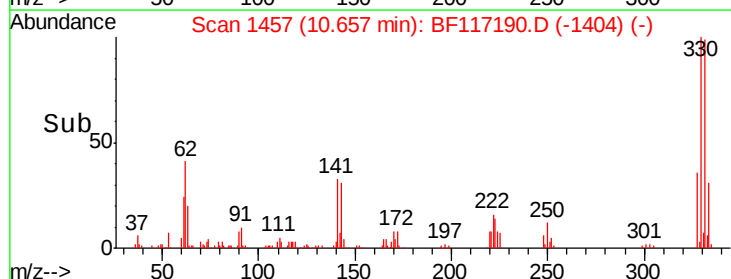
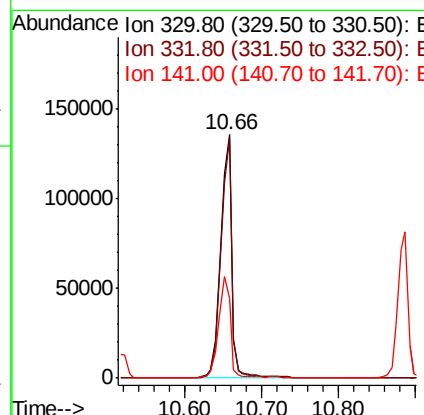
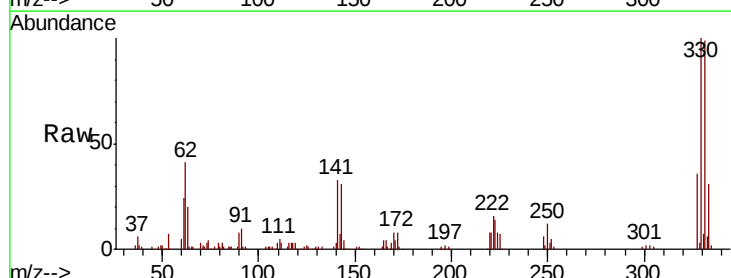
Manual Integrations
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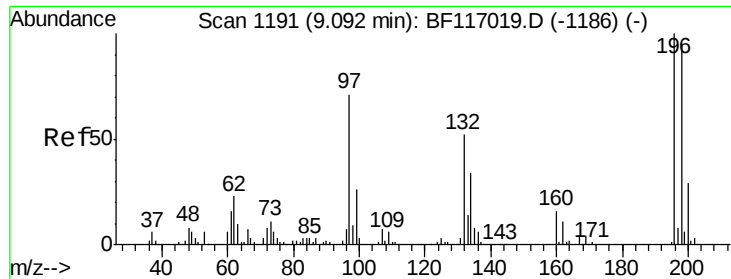
mohammad
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#42
2,4,6-Tribromophenol
Concen: 167.010 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.0	78.0	117.0	
141	44.0	35.8	53.6	





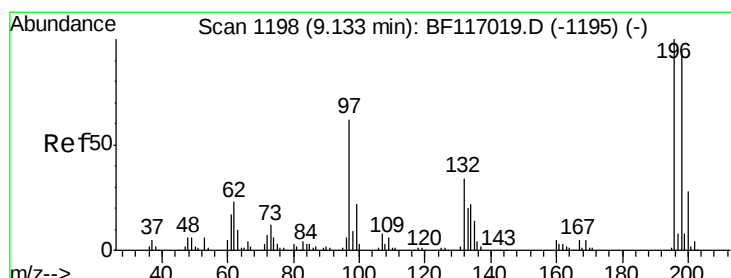
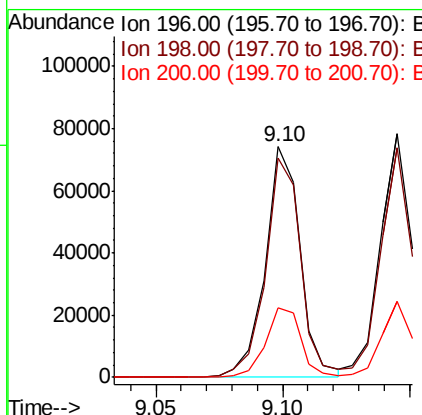
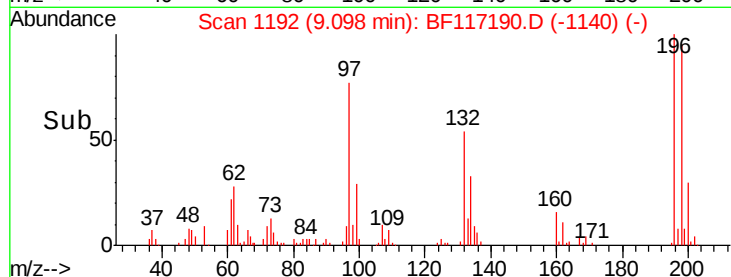
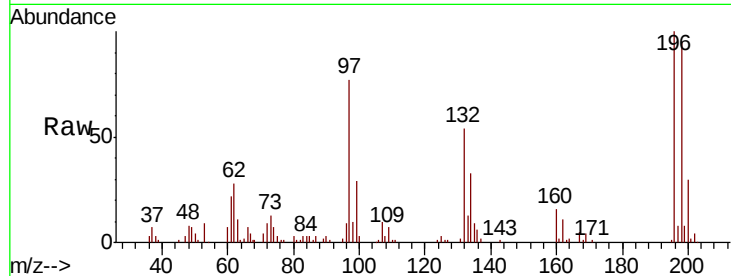
#43
 2,4,6-Trichlorophenol
 Concen: 42.345 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Instrument :
 BNA_F
 ClientSampled :
 PB123268BS

Tot Ion:	196	Resp:	70994
Ion Ratio	Lower	Upper	
196	100		
198	95.1	75.7	113.5
200	29.9	23.3	34.9

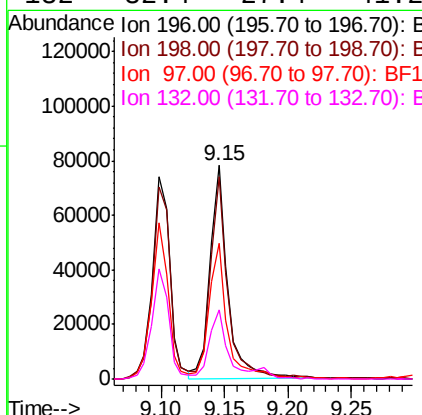
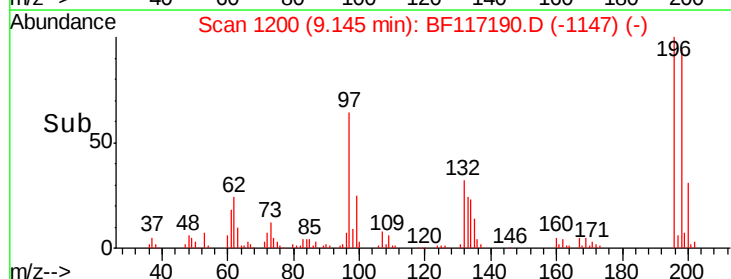
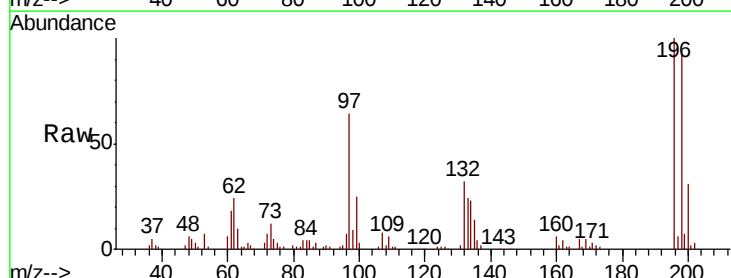
Manual Integrations
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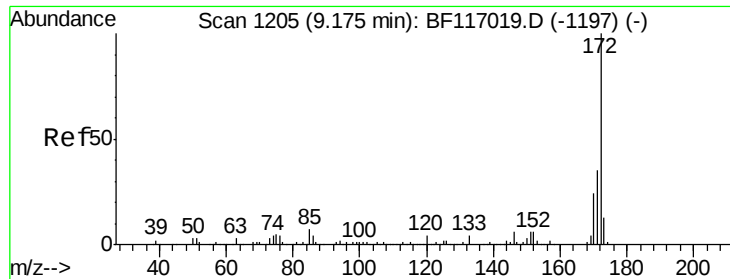
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 43.481 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Tgt Ion:	196	Resp:	77886
Ion Ratio	Lower	Upper	
196	100		
198	94.5	74.6	112.0
97	63.8	49.5	74.3
132	32.4	27.4	41.2





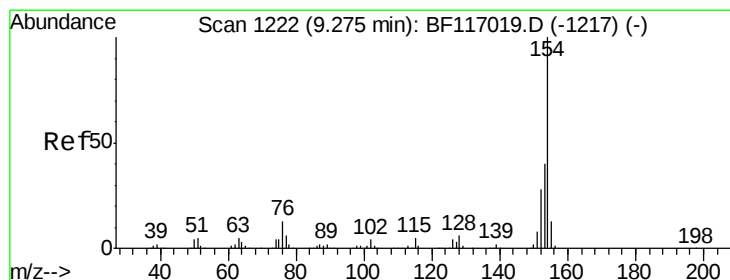
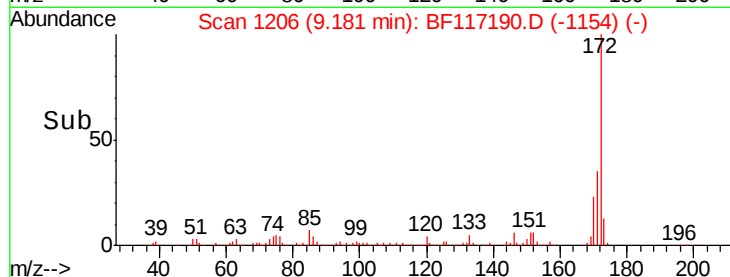
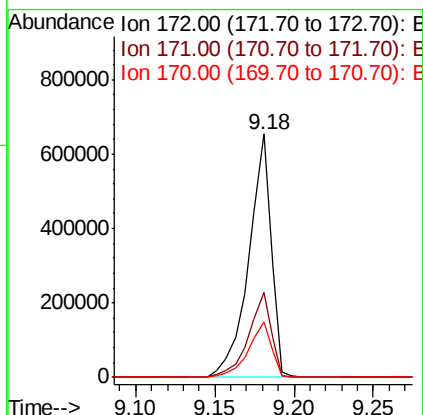
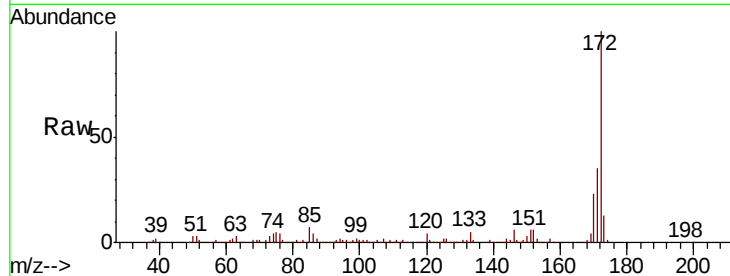
#45
2-Fluorobiphenyl
Concen: 105.016 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	642581		
171	34.7		28.2	42.2
170	22.9		18.9	28.3

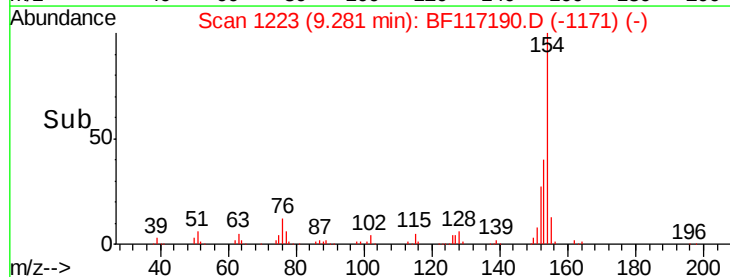
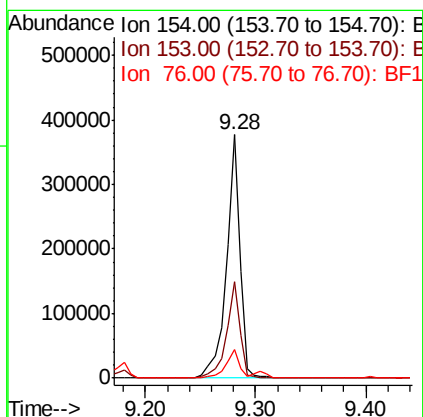
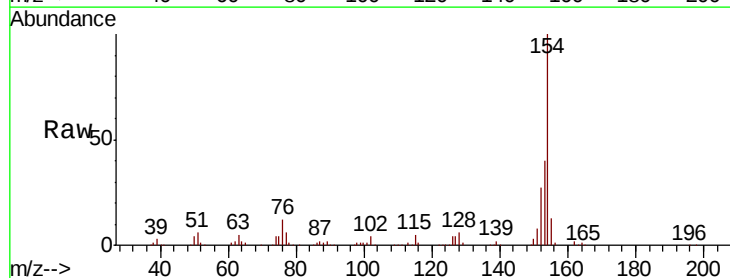
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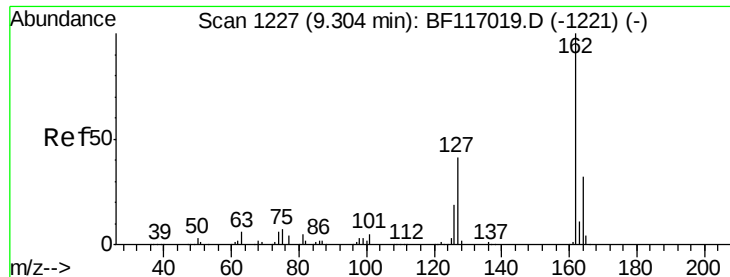
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#46
1,1'-Biphenyl
Concen: 42.968 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	322459		
153	39.8		20.0	60.0
76	11.7		0.0	32.7





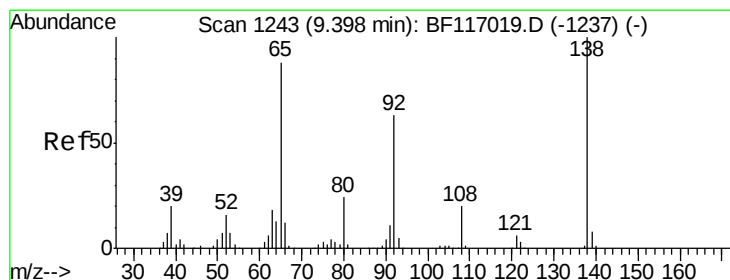
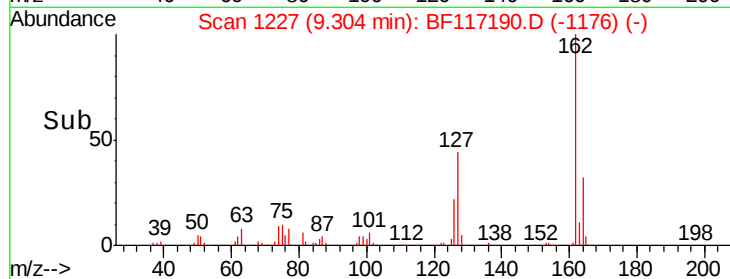
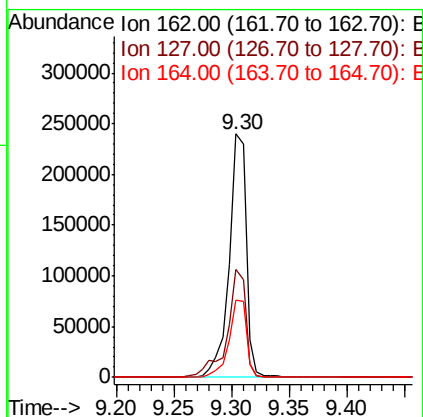
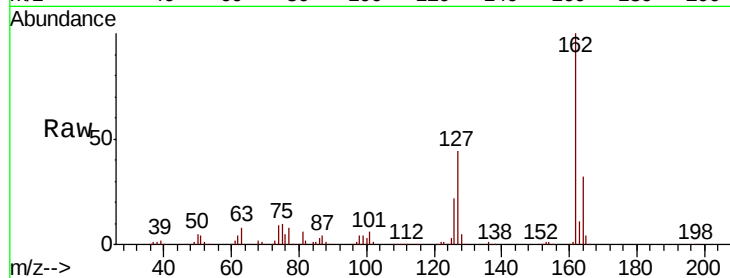
#47
2-Chloronaphthalene
Concen: 41.830 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	44.3	34.1	51.1
164	31.6	25.9	38.9

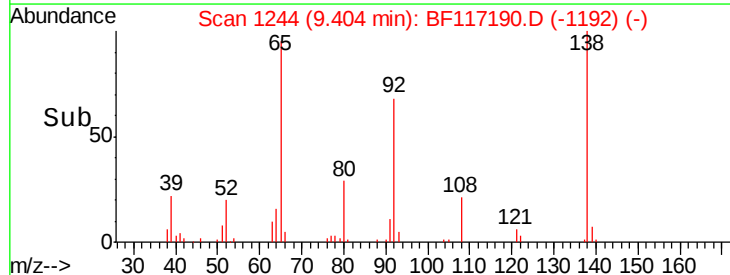
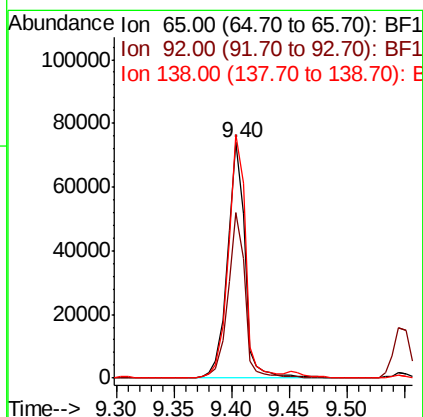
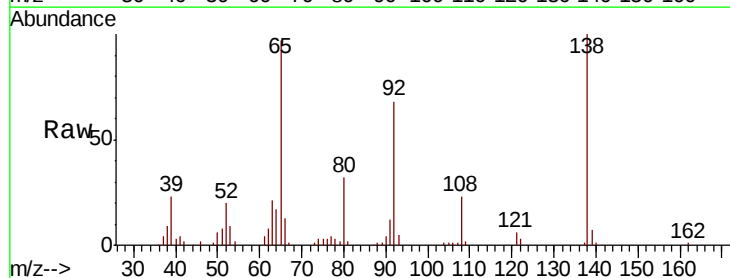
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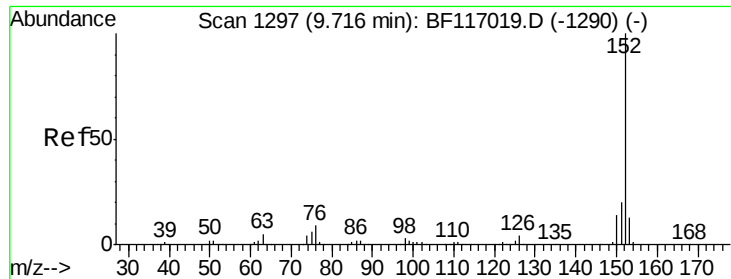
mohammad
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#48
2-Nitroaniline
Concen: 40.673 ng
RT: 9.40 min Scan# 1244
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.4	57.5	86.3
138	103.4	90.6	136.0





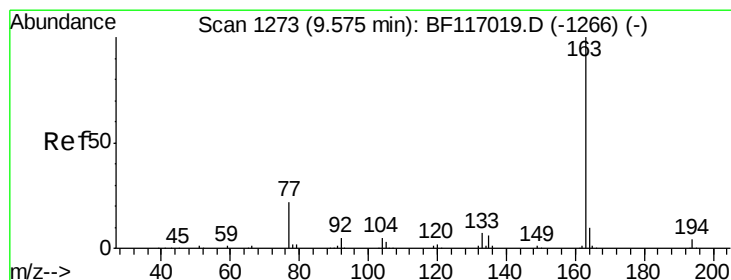
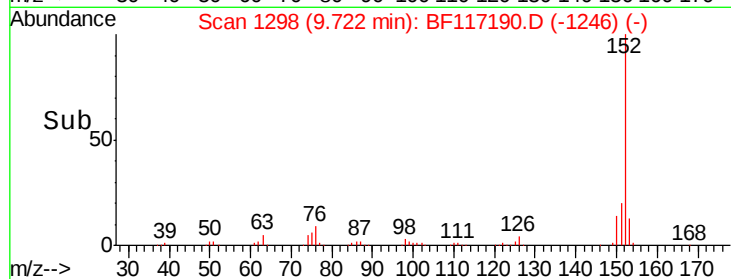
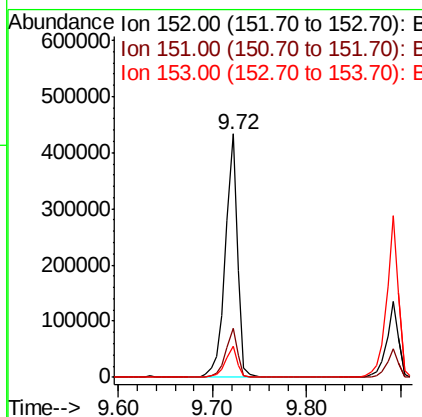
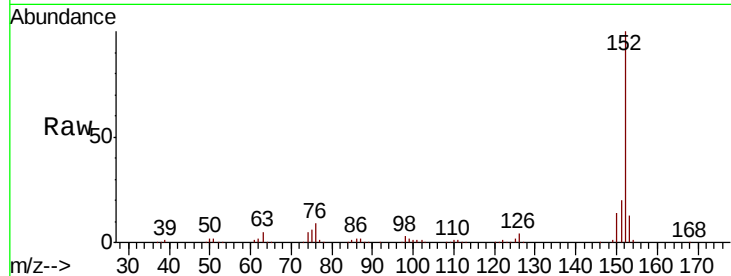
#49
Acenaphthylene
Concen: 43.811 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	388716		
151	20.1		16.2	24.2
153	13.1		10.2	15.4

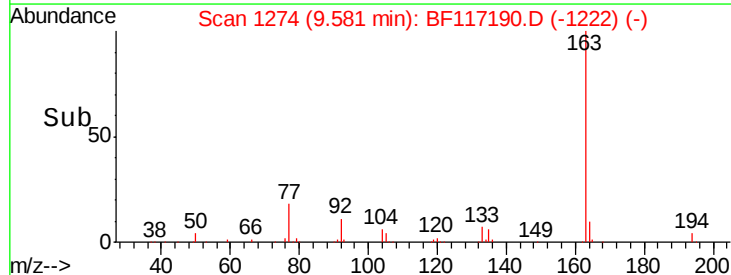
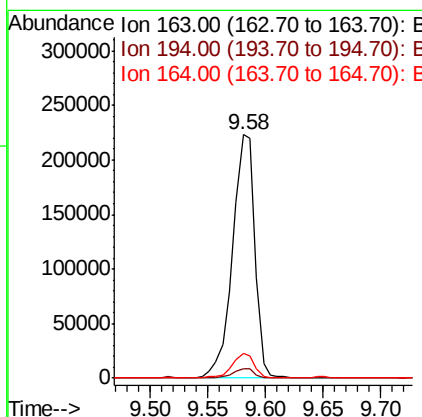
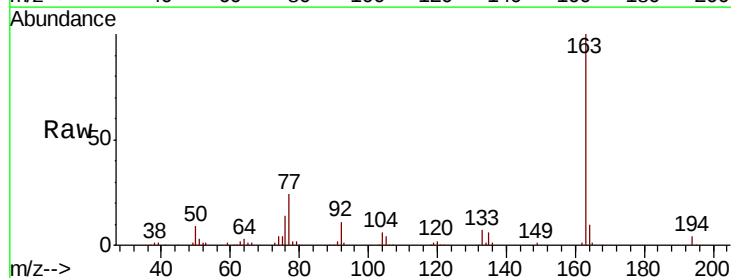
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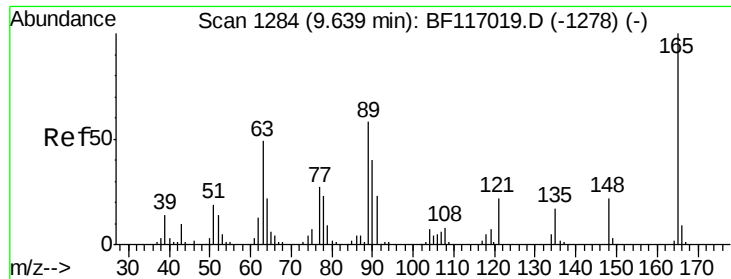
mohammad
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#50
Dimethylphthalate
Concen: 44.129 ng
RT: 9.58 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	298937		
194	3.6		2.9	4.3
164	10.4		8.2	12.4





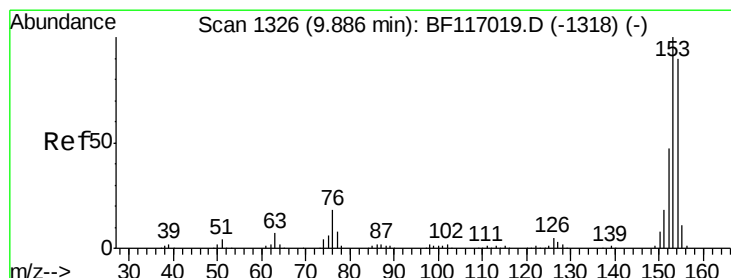
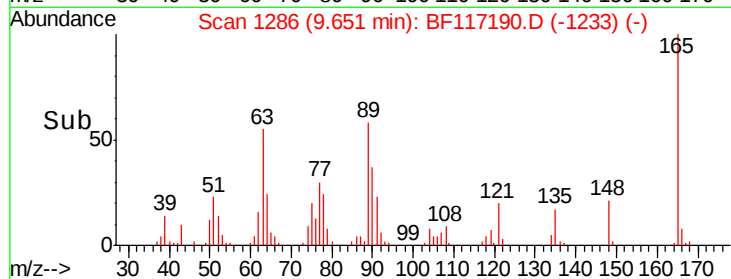
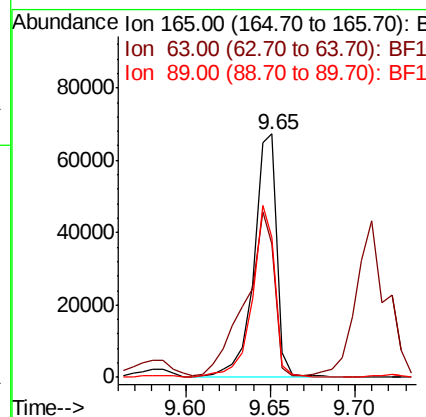
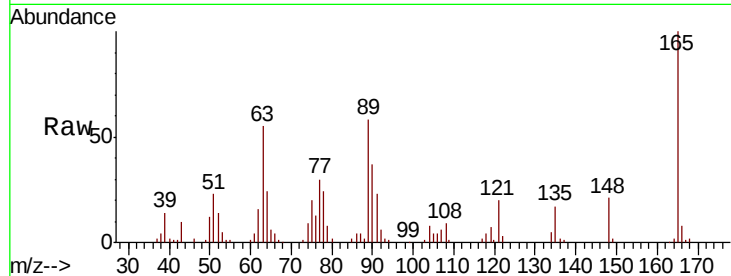
#51
2,6-Dinitrotoluene
Concen: 46.548 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.1	41.8	62.8
89	57.5	46.5	69.7

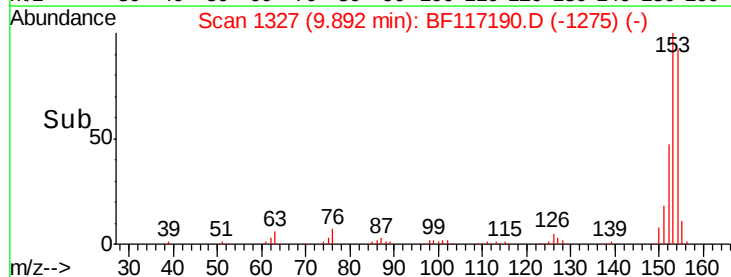
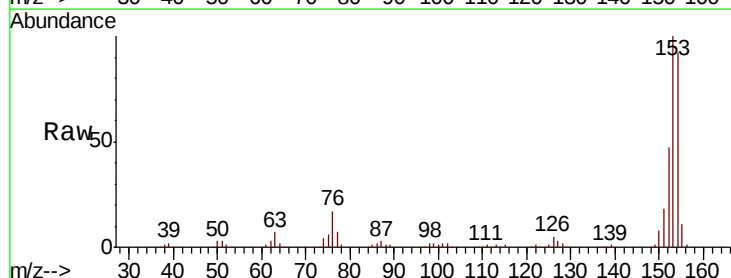
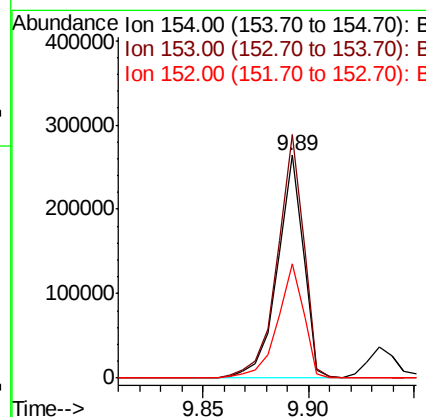
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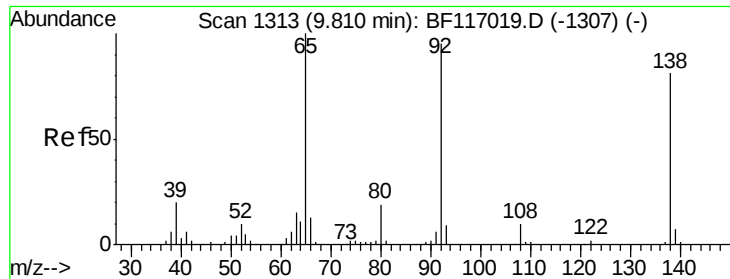
mohammad
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#52
Acenaphthene
Concen: 43.035 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.2	89.0	133.6
152	51.1	41.9	62.9





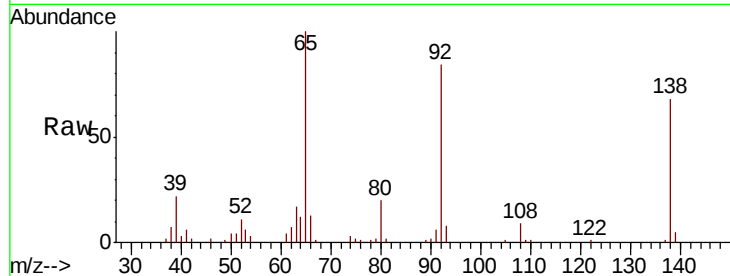
#53
3-Nitroaniline
Concen: 16.146 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.3	9.5	14.3
92	122.7	94.1	141.1

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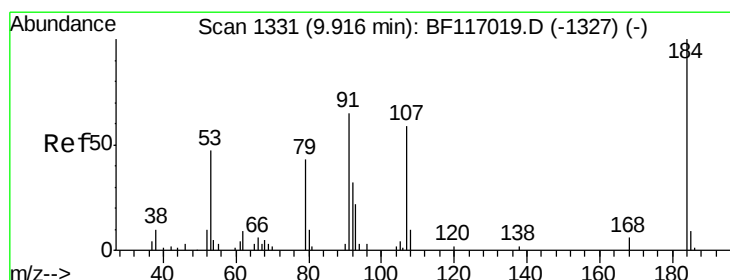
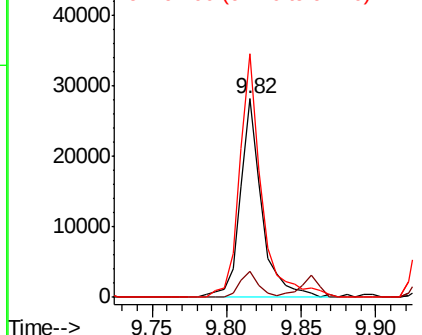
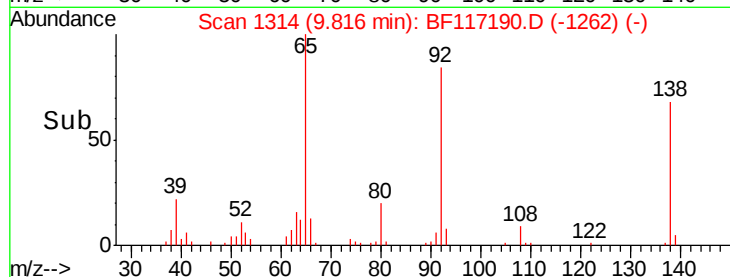


Abundance

Ion 138.00 (137.70 to 138.70): E

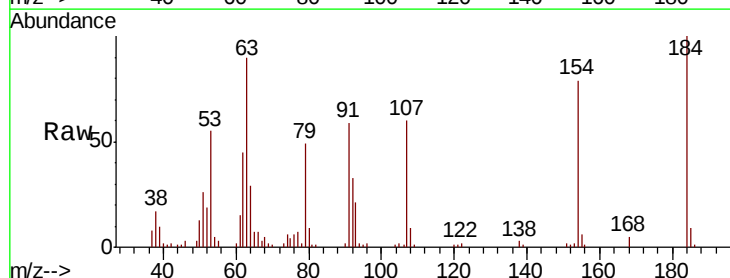
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 79.345 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.02 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	90.3	63.8	95.6
154	78.8	60.4	90.6

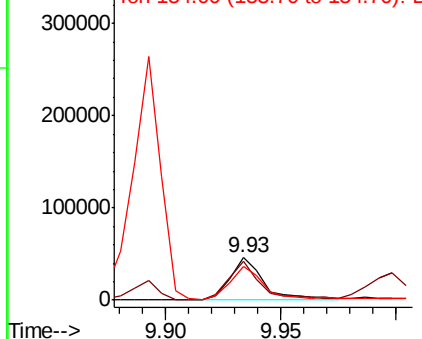
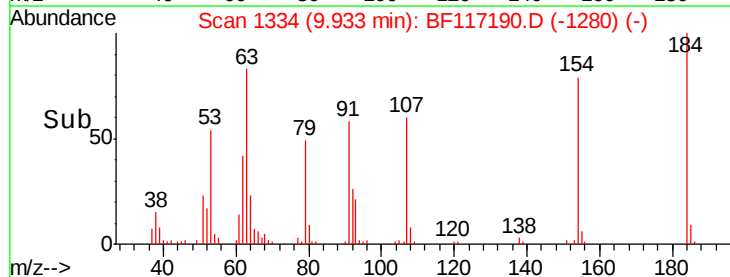


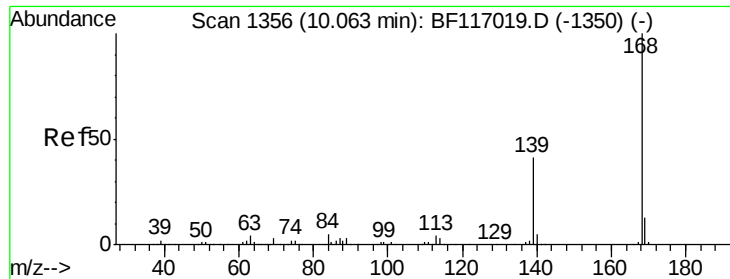
Abundance

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





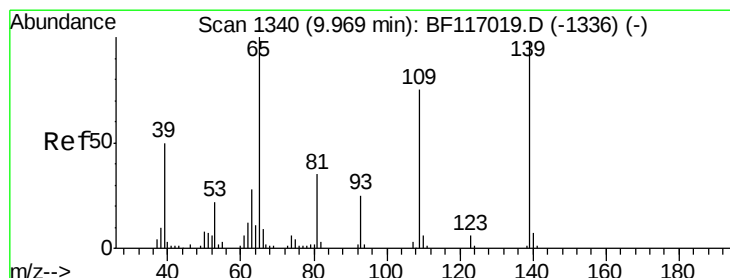
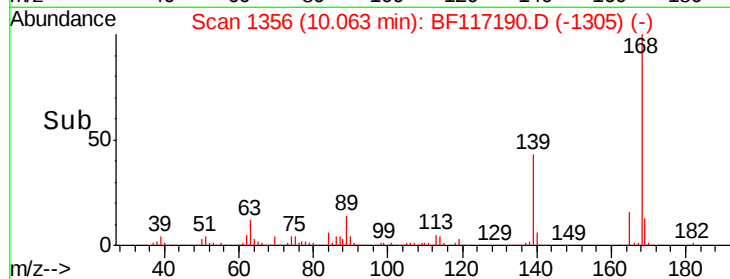
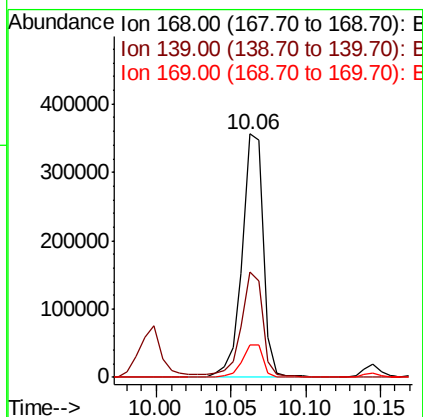
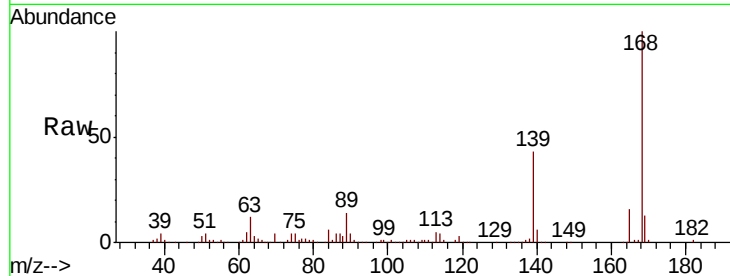
#55
Dibenzenofuran
Concen: 45.421 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.5	32.8	49.2
169	13.3	10.5	15.7

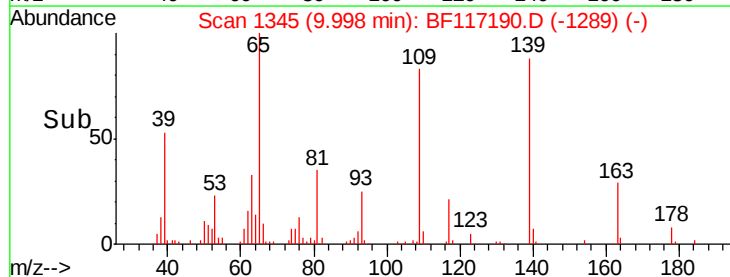
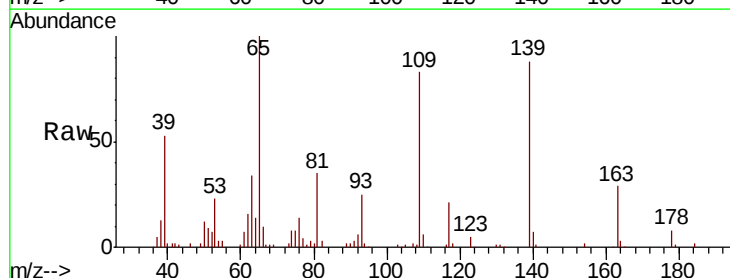
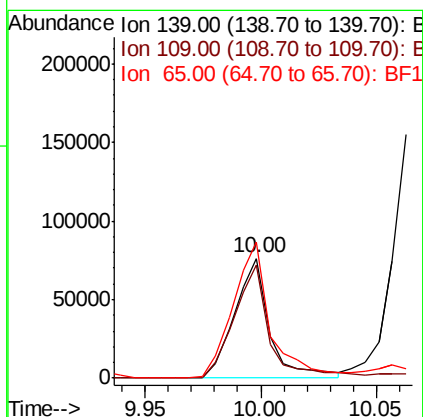
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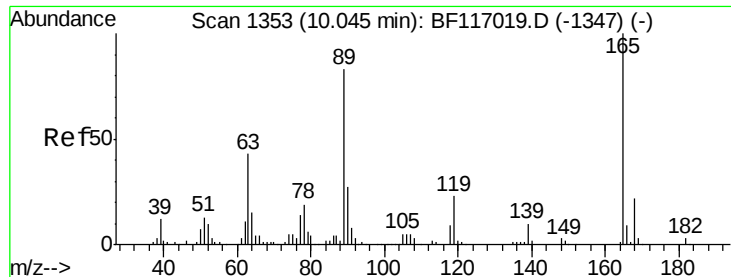
mohammad
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#56
4-Nitrophenol
Concen: 71.913 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.03 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	94.6	56.4	96.4
65	113.7	82.5	122.5





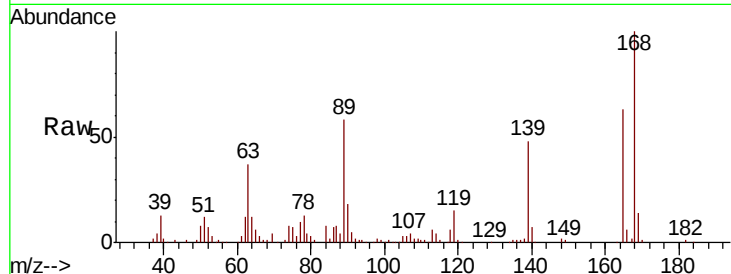
#57
2,4-Dinitrotoluene
Concen: 47.773 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	59.3	35.0	52.4#
89	93.4	66.1	99.1
182	2.0	2.0	3.0

Manual Integrations
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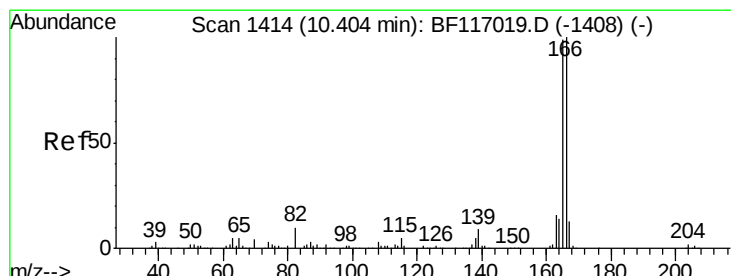
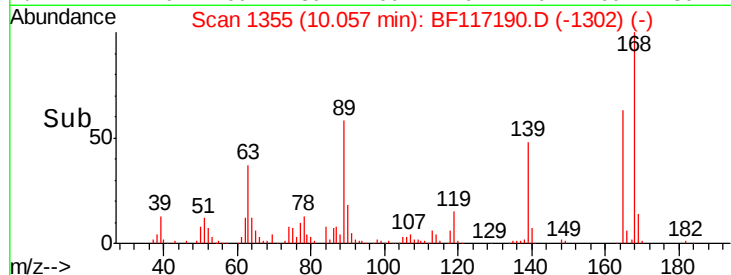
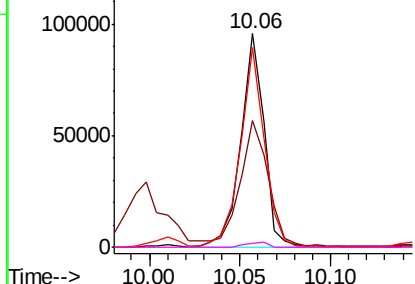
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 46.561 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

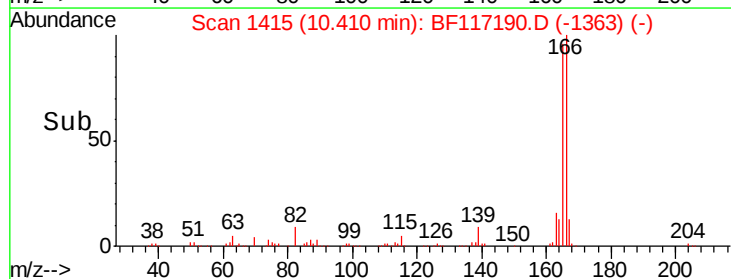
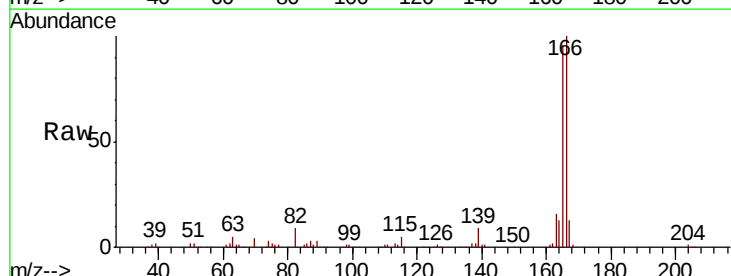
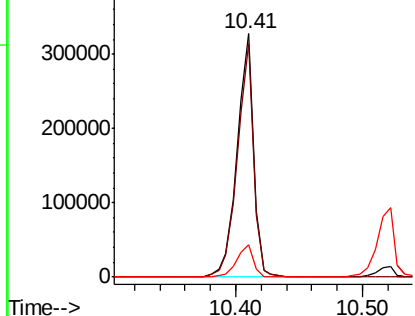
Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	96.1	78.9	118.3
167	13.1	10.6	15.8

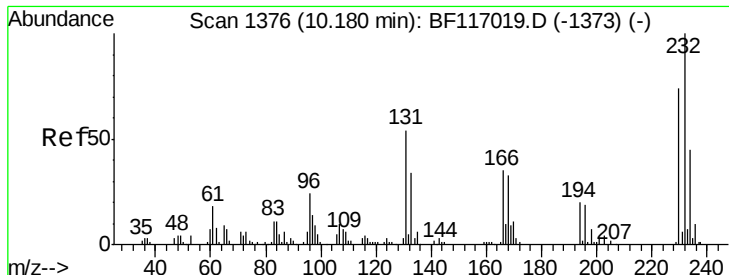
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





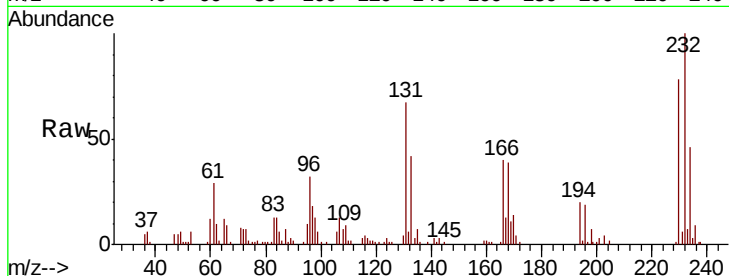
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.555 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :
 PB123268BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	62445		
131	58.4	45.3	67.9	
130	3.0	1.8	2.8	
166	37.0	29.4	44.2	

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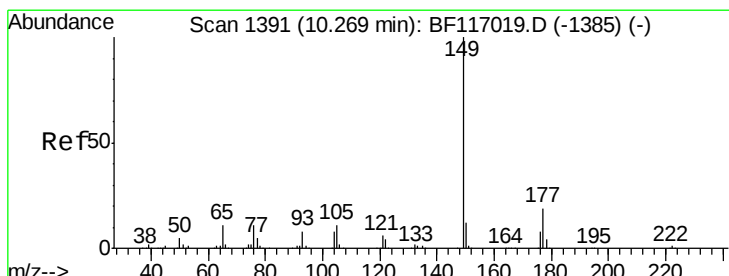
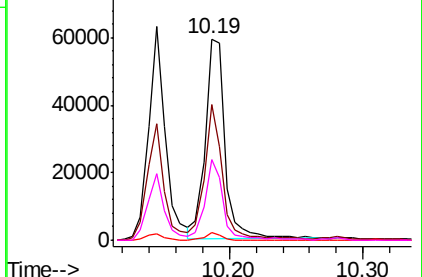
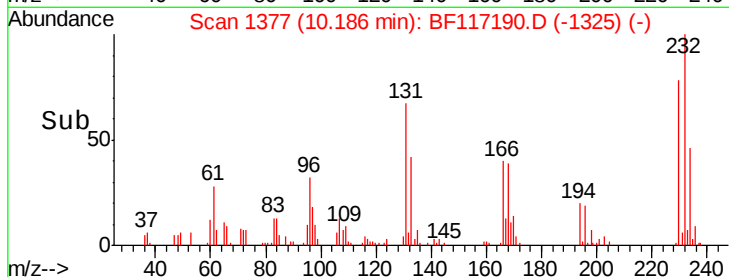
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

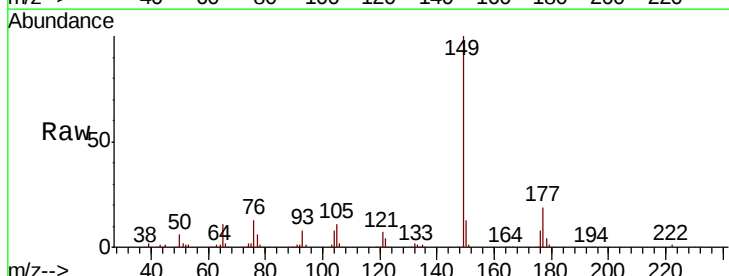
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 47.745 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	318202		
177	19.4	15.2	22.8	
150	12.6	9.9	14.9	

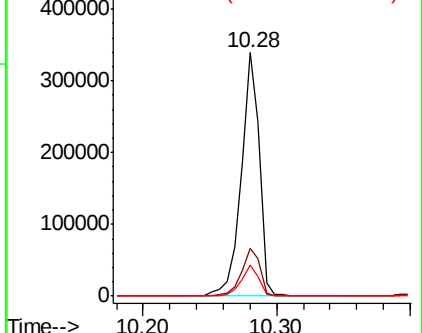
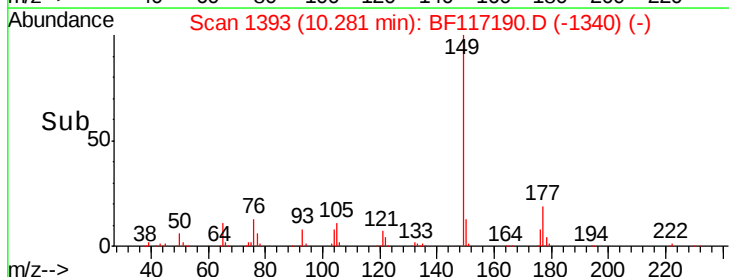


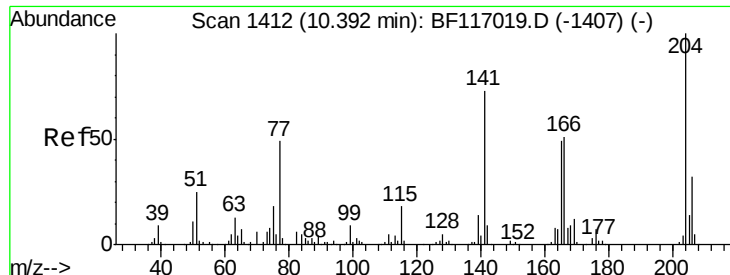
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





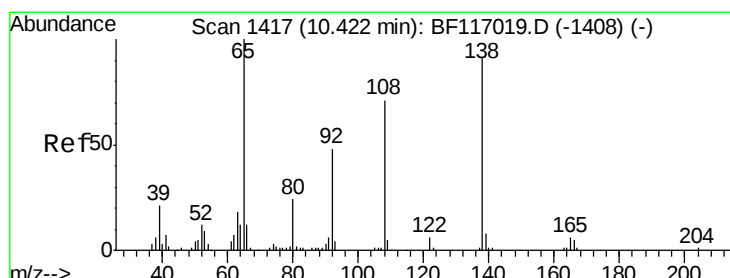
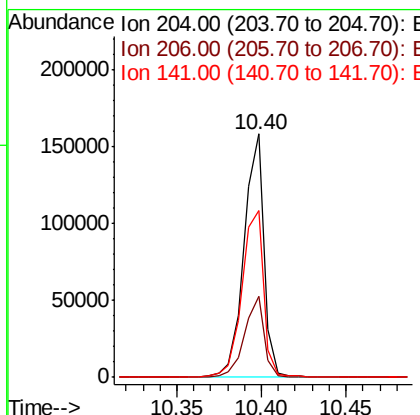
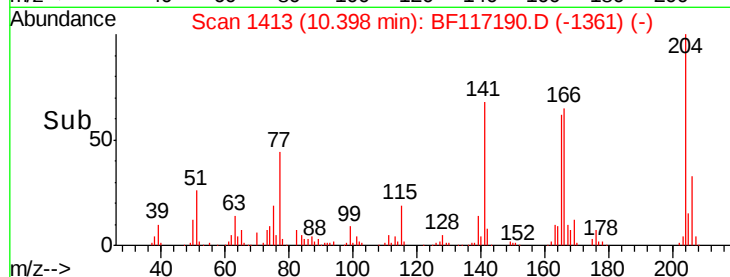
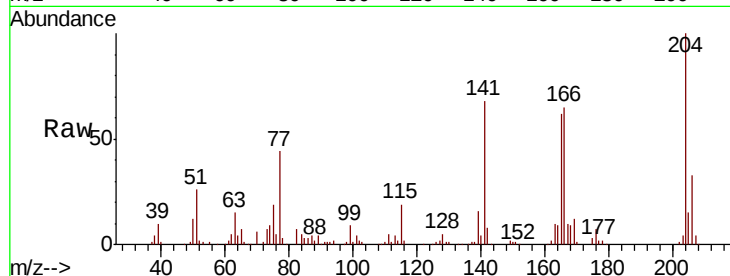
#61
4-Chlorophenyl-phenylether
Concen: 48.528 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.0	39.0
141	68.4	58.2	87.2

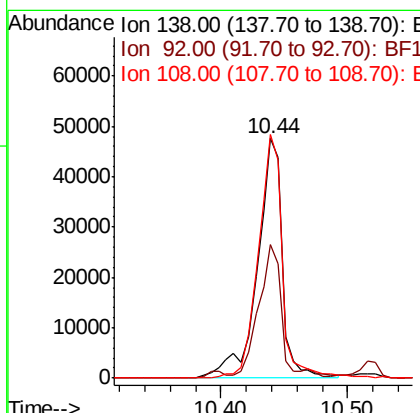
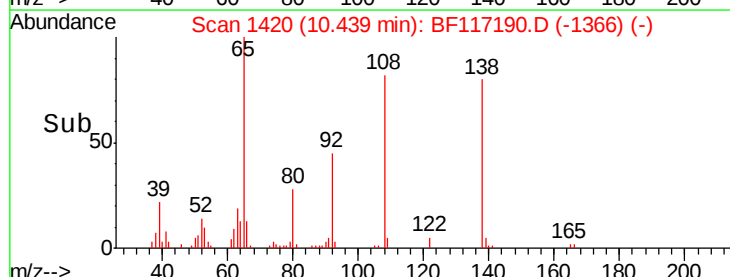
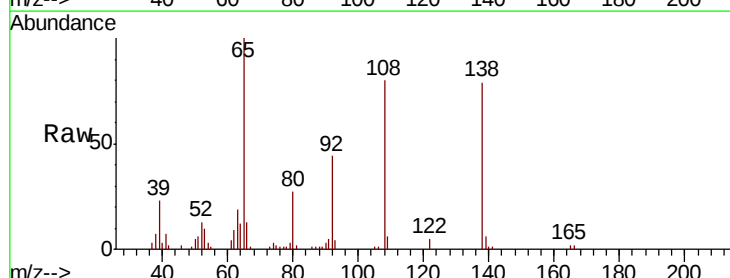
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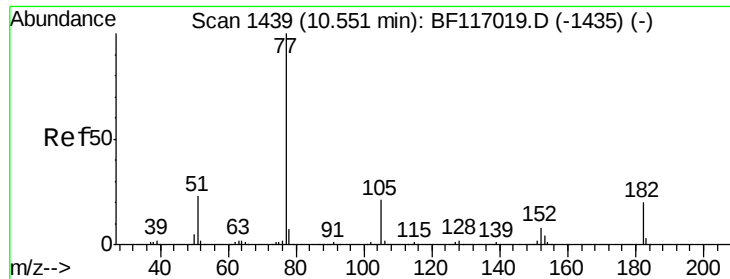
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#62
4-Nitroaniline
Concen: 36.233 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.02 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.8	32.9	72.9
108	101.7	58.3	98.3#





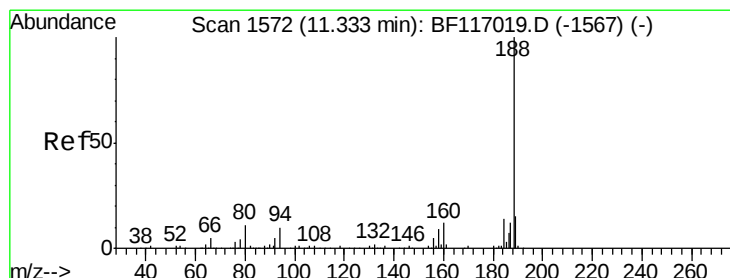
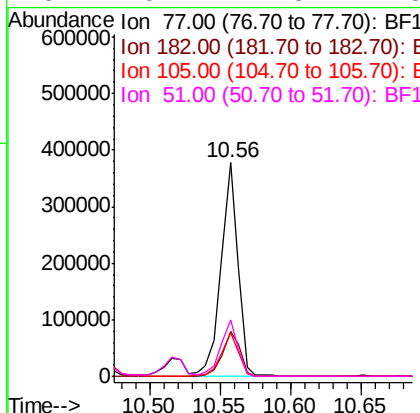
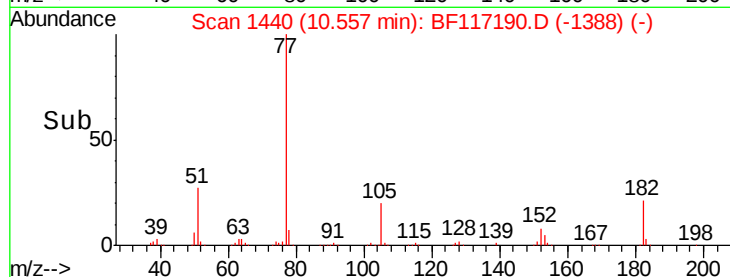
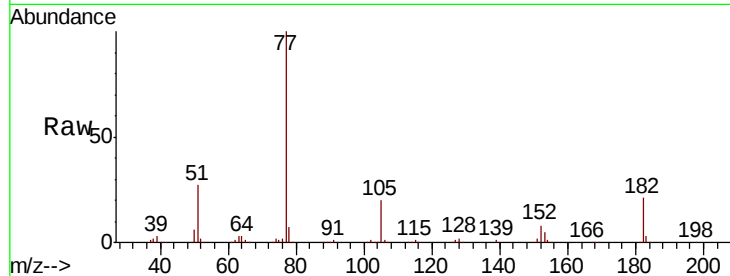
#63
Azobenzene
Concen: 46.498 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	21.1	0.4	40.4
105	20.2	0.9	40.9
51	26.7	2.8	42.8

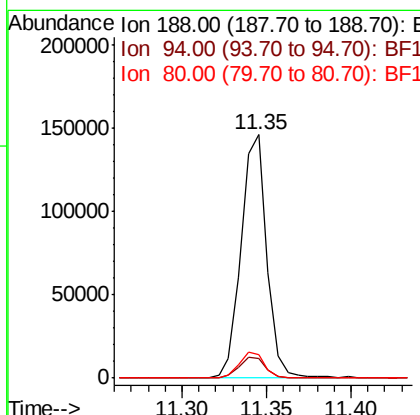
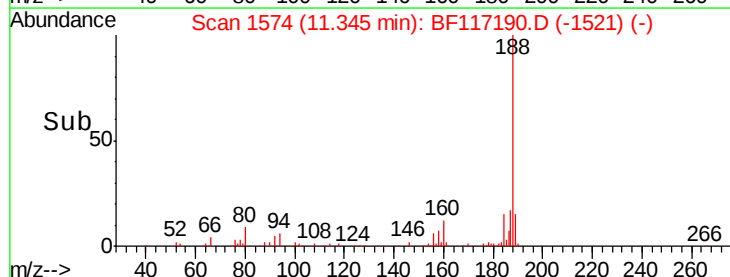
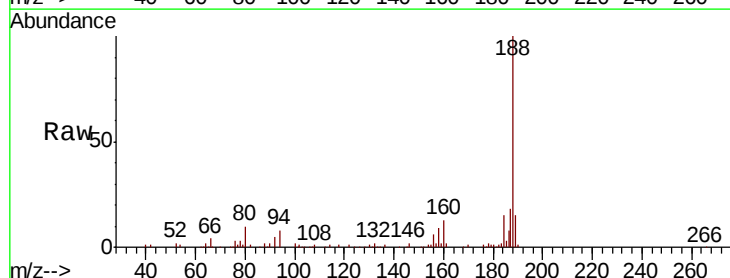
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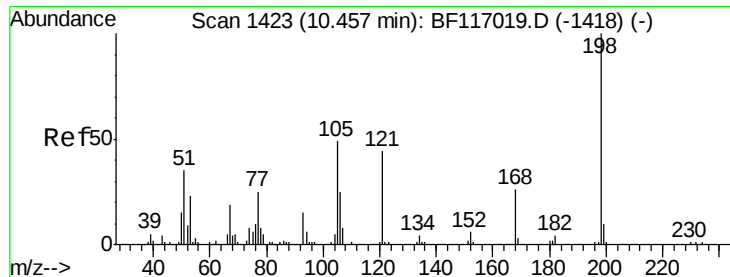
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.2	12.2#
80	9.7	9.0	13.6





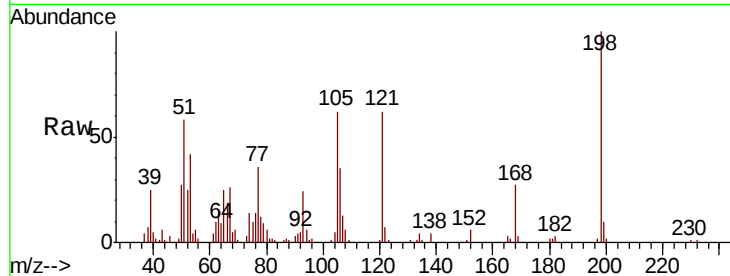
#65
4,6-Dinitro-2-methylphenol
Concen: 51.001 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampleId :
PB123268BS

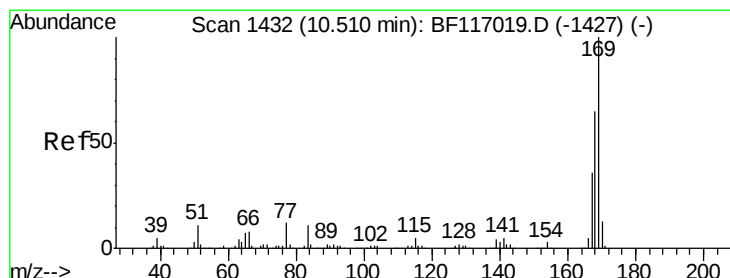
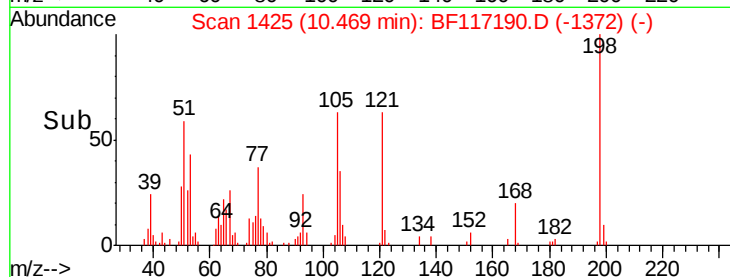
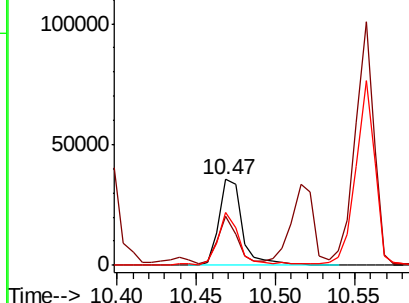
Tot Ion	Ratio	Lower	Upper
198	100		
51	57.7	18.7	58.7
105	61.6	30.2	70.2

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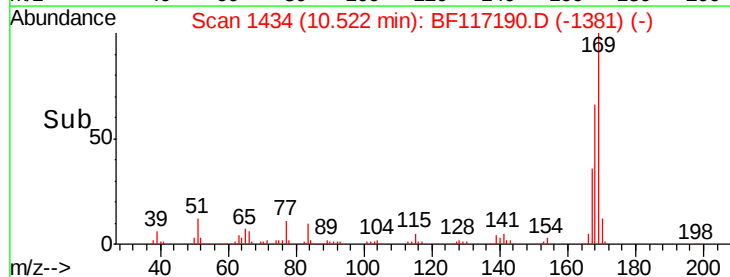
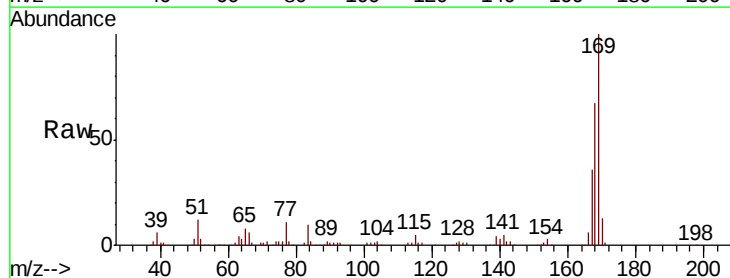
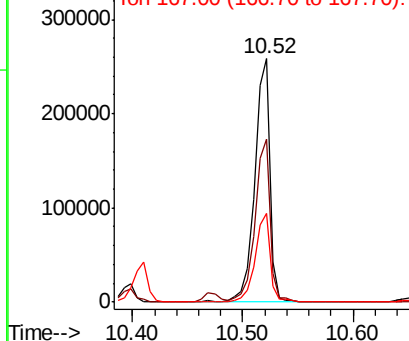
Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

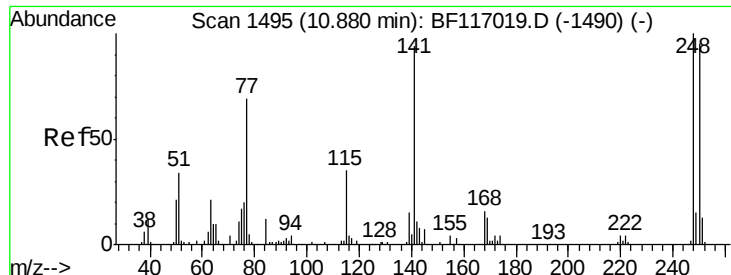


#66
n-Nitrosodiphenylamine
Concen: 46.623 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.7	52.2	78.2
167	36.4	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: 47.405 ng

RT: 10.89 min Scan# 1496

Delta R.T. 0.01 min

Lab File: BF117190.D

Acq: 20 Sep 2019 17:24

Instrument :

BNA_F

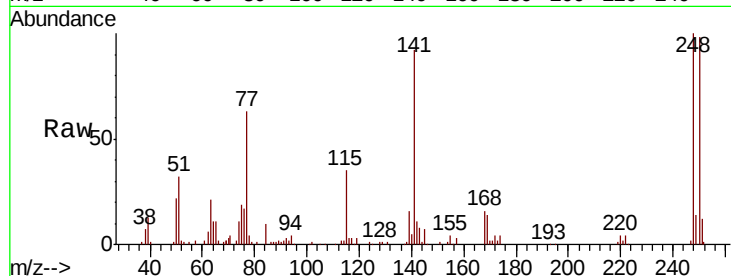
ClientSampleId :

PB123268BS

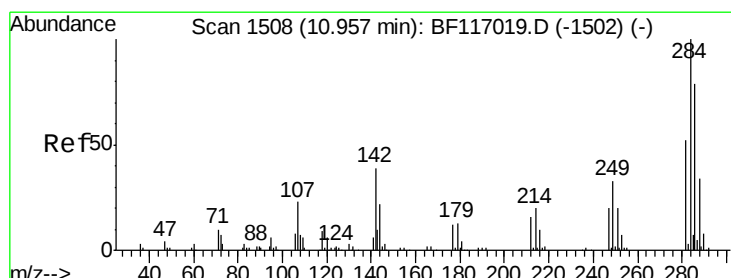
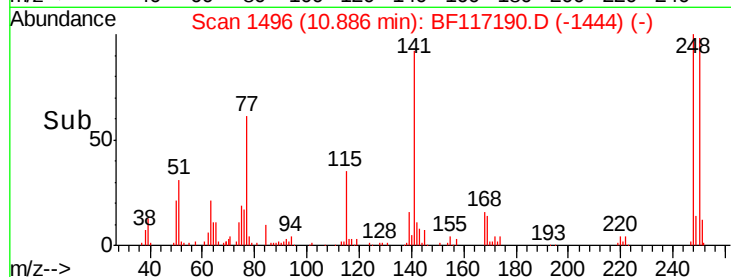
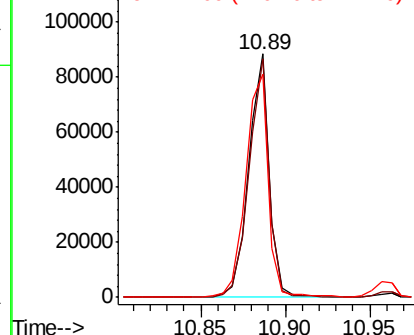
Tot Ion:	248	Resp:	75267
Ion Ratio	Lower	Upper	
248	100		
250	97.9	76.2	114.4
141	91.7	75.0	112.4

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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 44.429 ng

RT: 10.96 min Scan# 1509

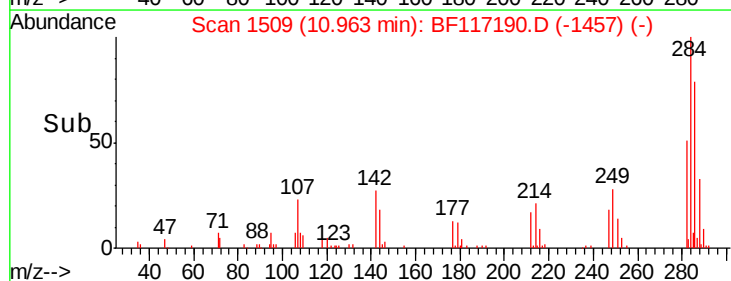
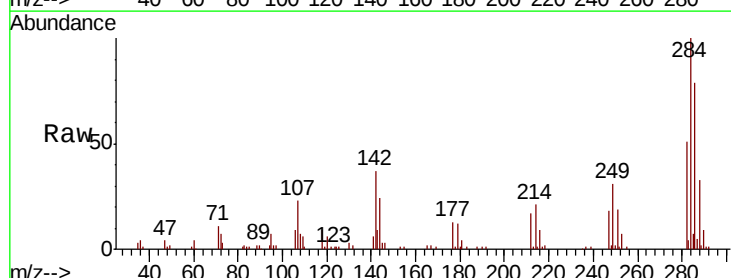
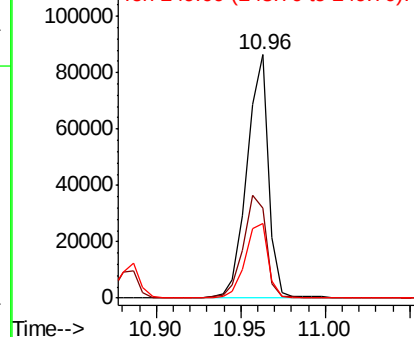
Delta R.T. 0.01 min

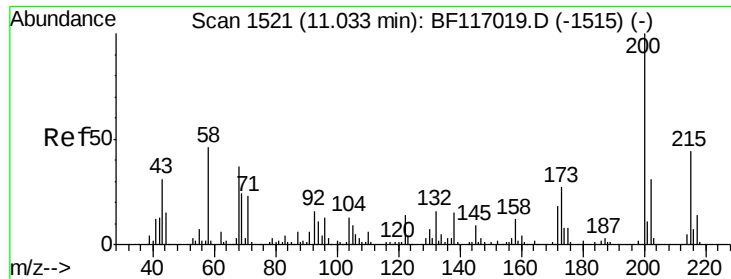
Lab File: BF117190.D

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Tgt Ion:	284	Resp:	77155
Ion Ratio	Lower	Upper	
284	100		
142	37.0	31.4	47.2
249	30.7	26.5	39.7

Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





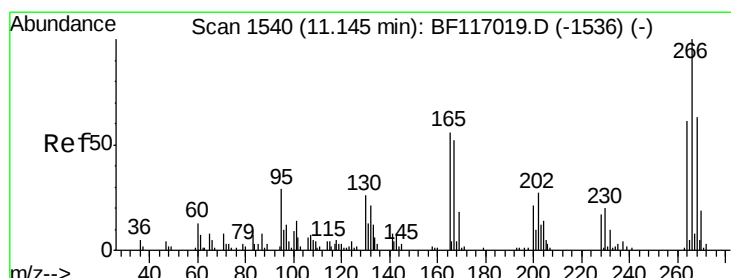
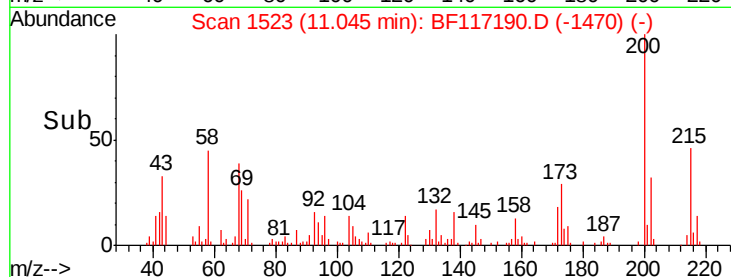
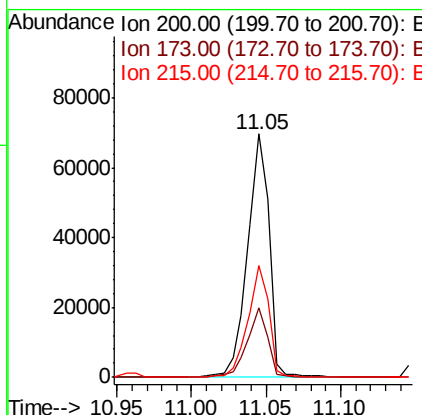
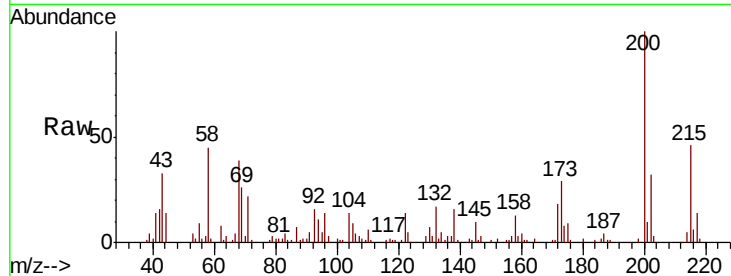
#69
 Atrazine
 Concen: 55.597 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :
 PB123268BS

Tot Ion:	200	Resp:	69711
Ion Ratio	Lower	Upper	
200	100		
173	28.7	6.9	46.9
215	45.8	23.8	63.8

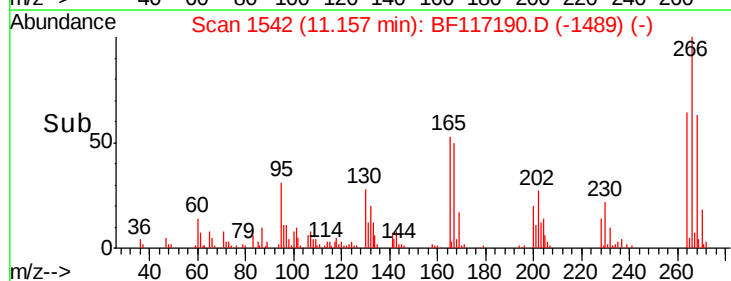
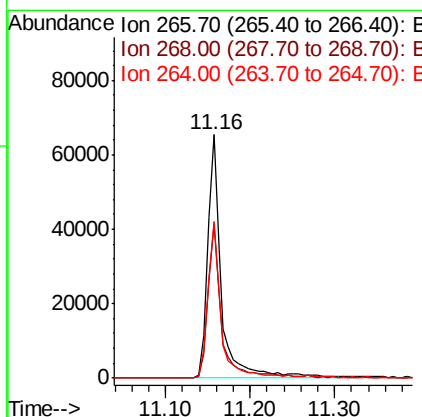
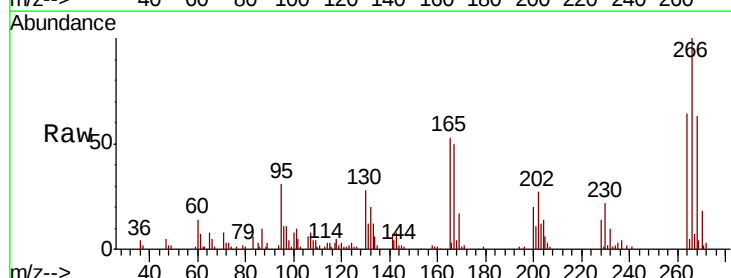
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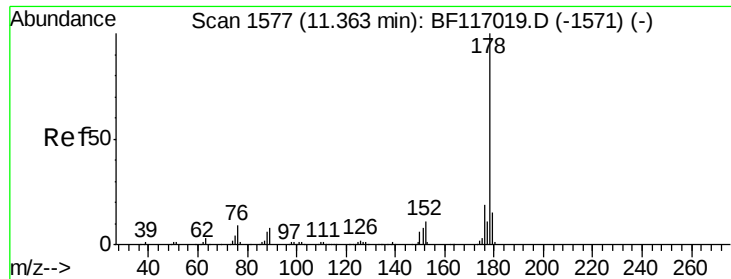
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#70
 Pentachlorophenol
 Concen: 91.217 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. 0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Tgt Ion:	266	Resp:	74253
Ion Ratio	Lower	Upper	
266	100		
268	63.5	50.5	75.7
264	64.2	48.8	73.2





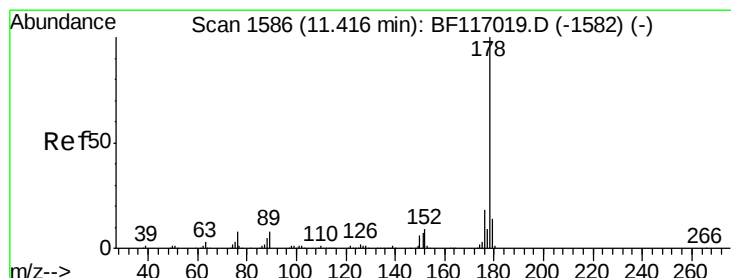
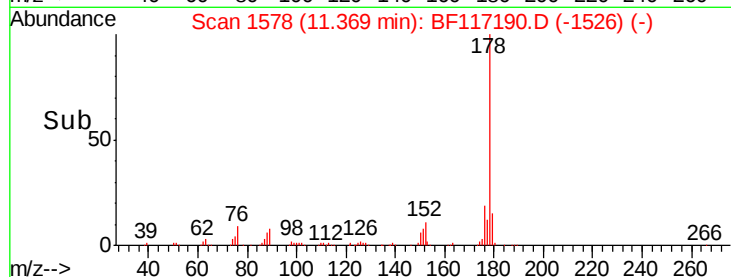
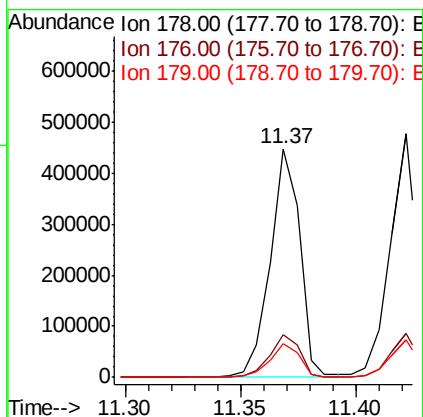
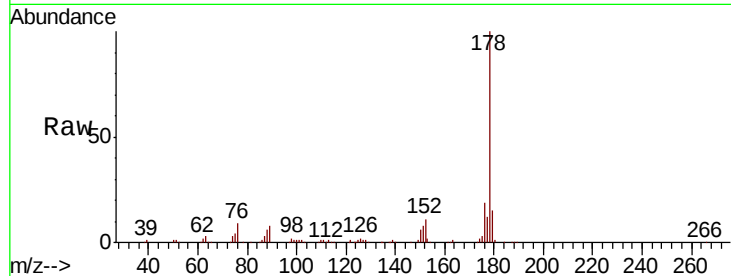
#71
Phenanthrene
Concen: 45.283 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	14.9	12.4	18.6

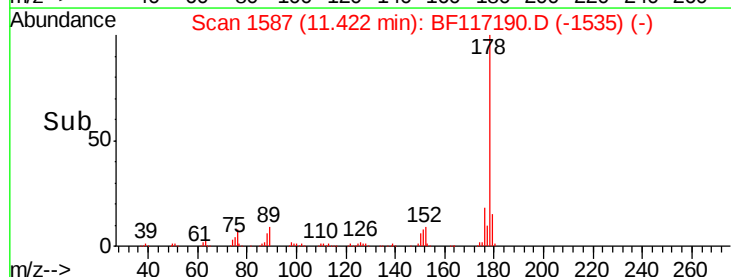
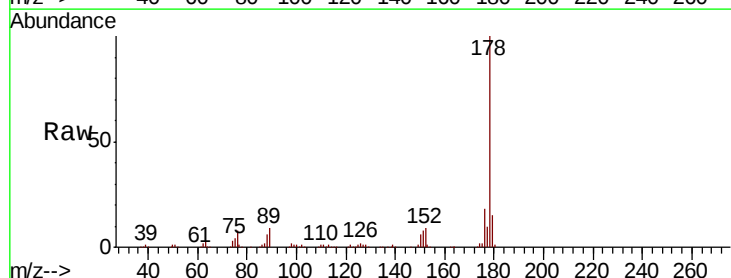
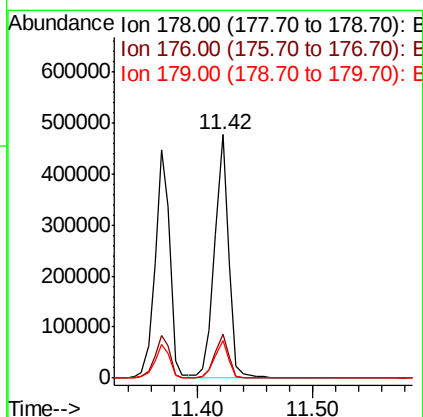
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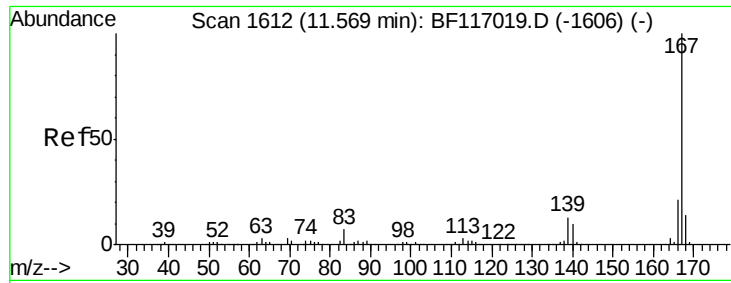
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#72
Anthracene
Concen: 44.998 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	21.8
179	15.4	11.6	17.4





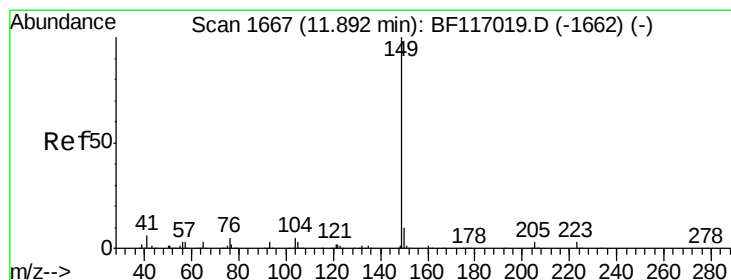
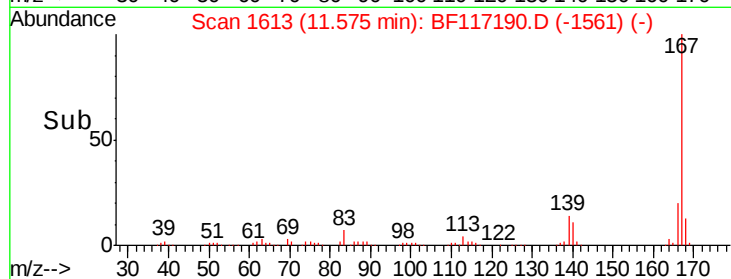
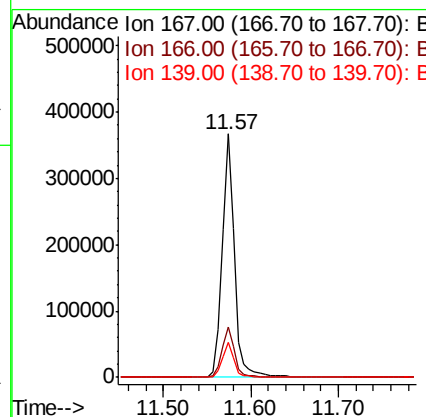
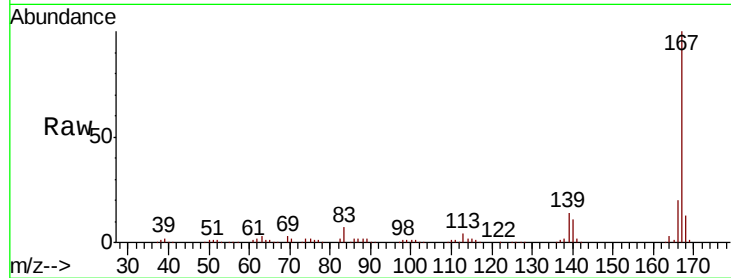
#73
 Carbazole
 Concen: 42.065 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :
 PB123268BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	359974		
166	20.5		17.2	25.8
139	14.1		10.6	16.0

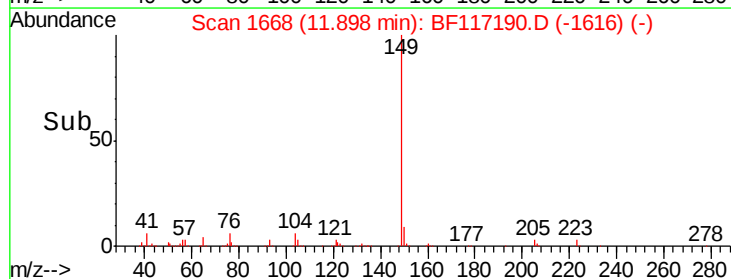
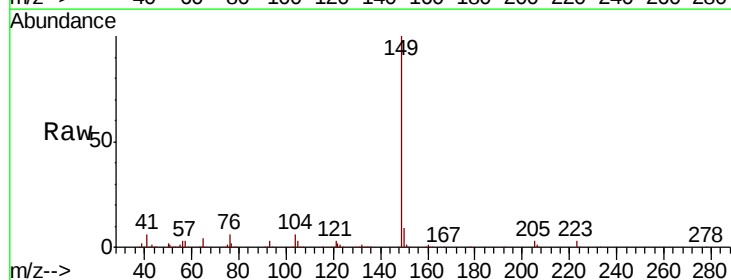
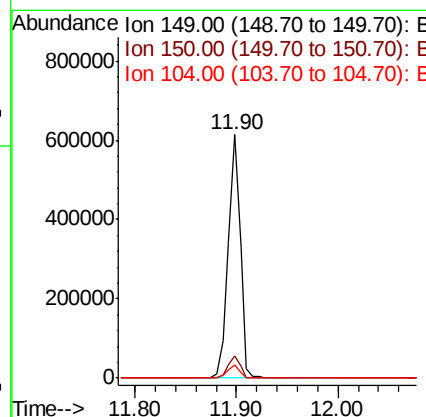
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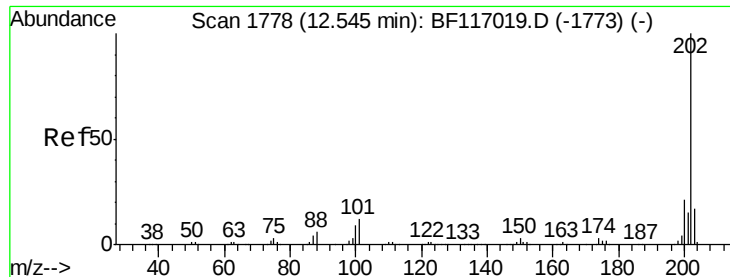
mohammad
 9/24/2019 9:12:37 AM



#74
 Di-n-butylphthalate
 Concen: 49.793 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	506971		
150	9.1		7.7	11.5
104	5.6		4.2	6.4





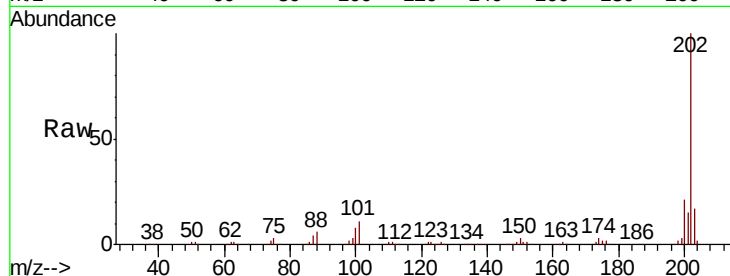
#75
 Fluoranthene
 Concen: 43.218 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. 0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :
 PB123268BS

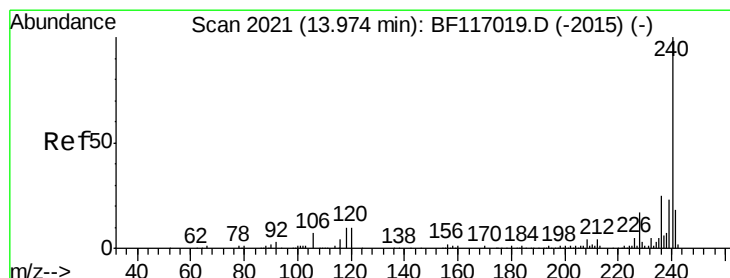
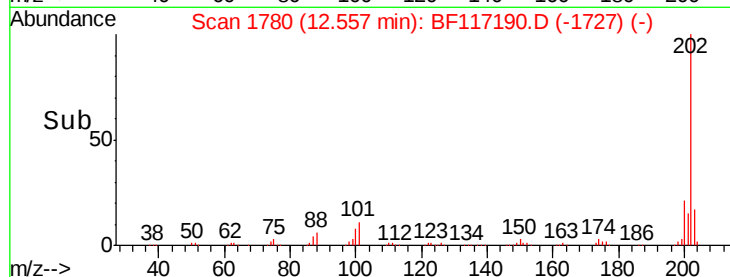
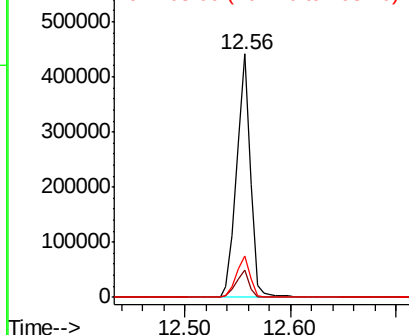
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.1	0.0	32.3
203	17.3	0.0	37.1

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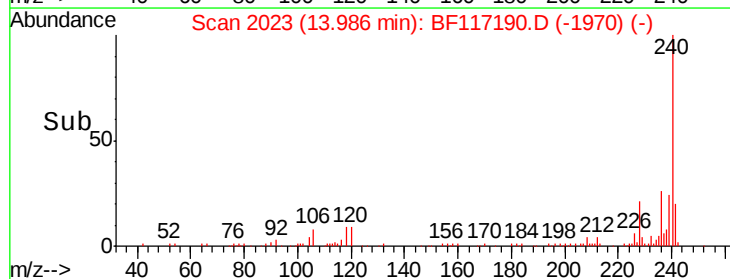
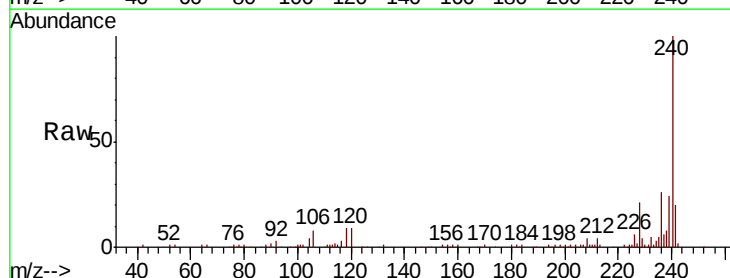
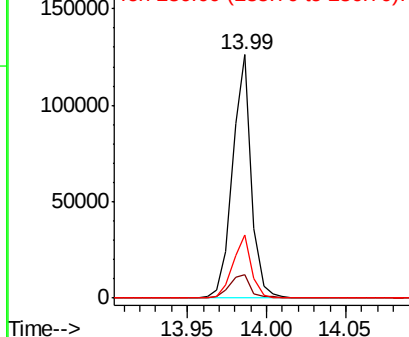
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

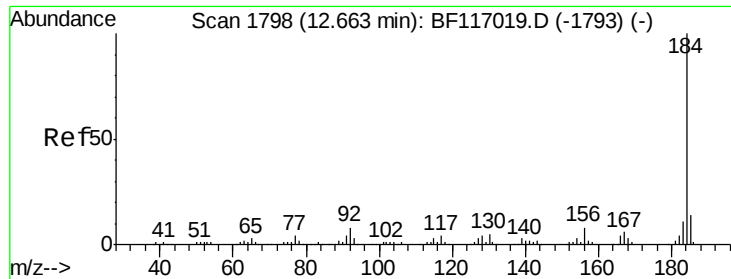


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.4	8.3	12.5
236	25.9	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





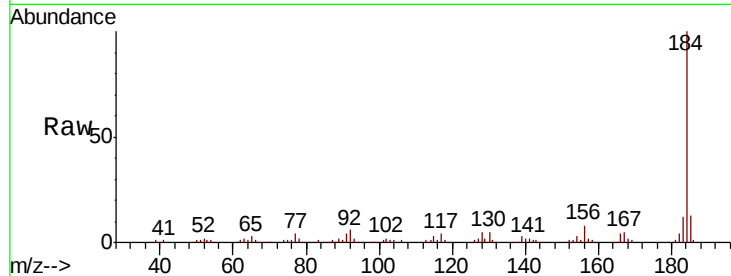
#77
Benzidine
Concen: 56.150 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	13.5	11.6	17.4	
183	11.9	9.0	13.4	

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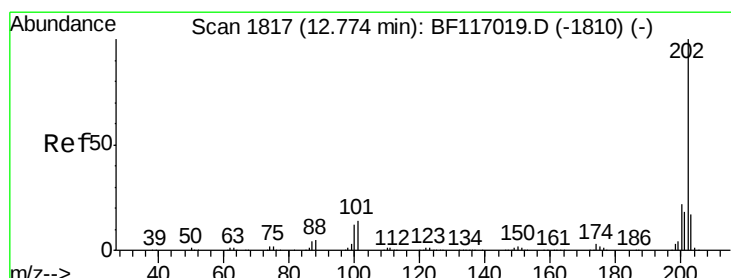
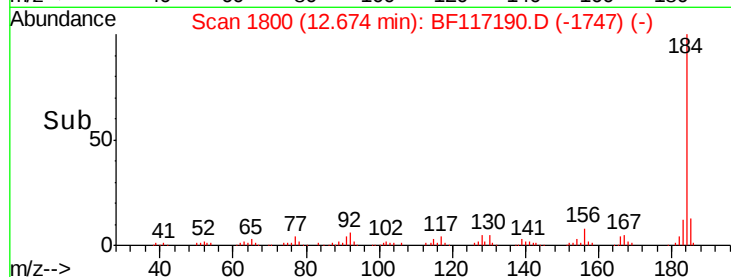
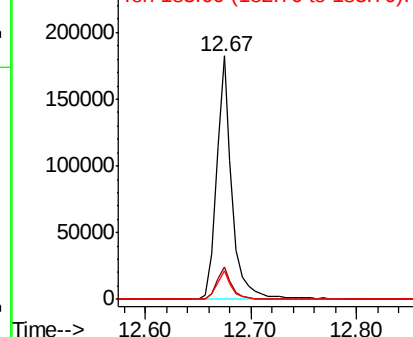


Abundance

Ion 184.00 (183.70 to 184.70): E

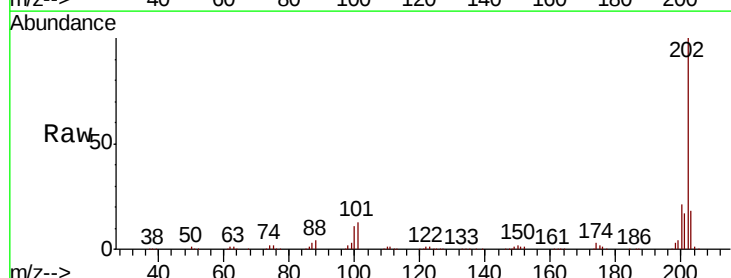
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78
Pyrene
Concen: 45.172 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.7	17.2	25.8	
203	17.6	14.0	21.0	

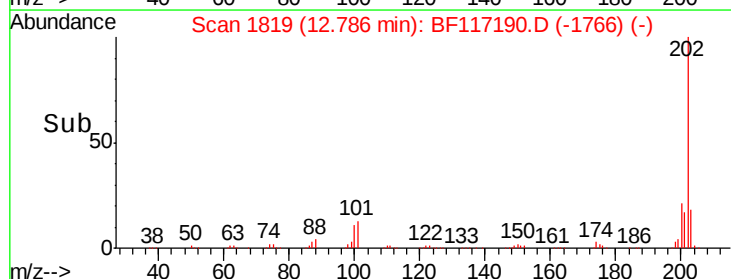
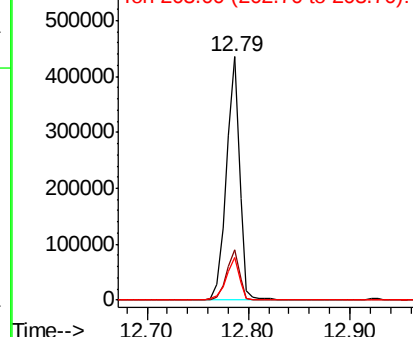


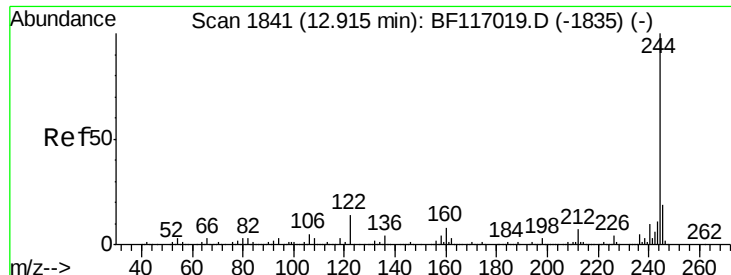
Abundance

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: 115.887 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF117190.D

Acq: 20 Sep 2019 17:24

Instrument :

BNA_F

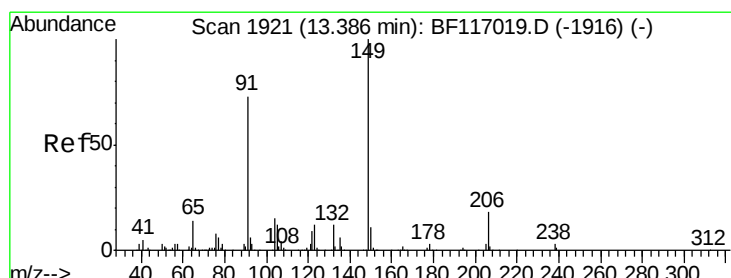
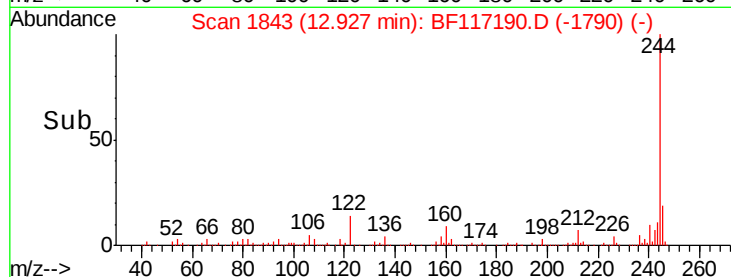
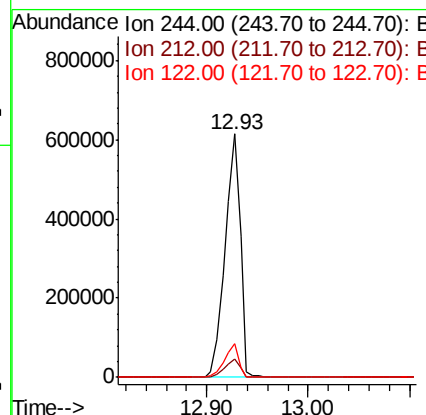
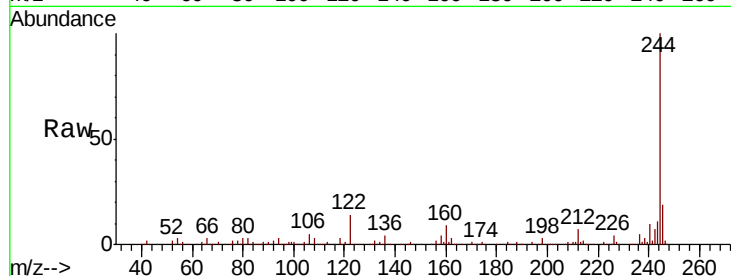
ClientSampleId :

PB123268BS

Tot Ion:	244	Resp:	638987
Ion Ratio	Lower	Upper	
244	100		
212	7.4	5.8	8.8
122	14.1	11.3	16.9

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#80

Butylbenzylphthalate

Concen: 49.694 ng

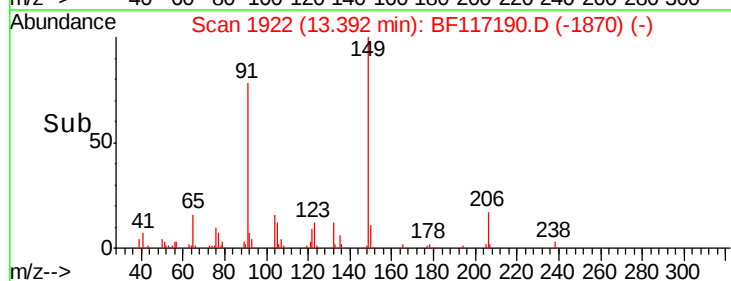
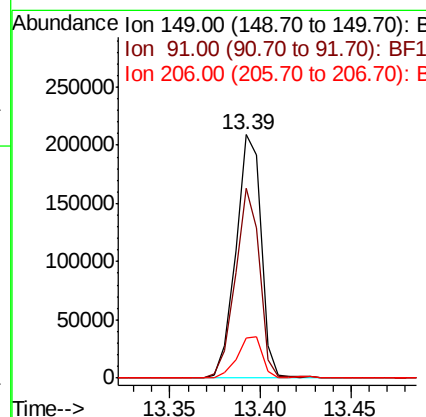
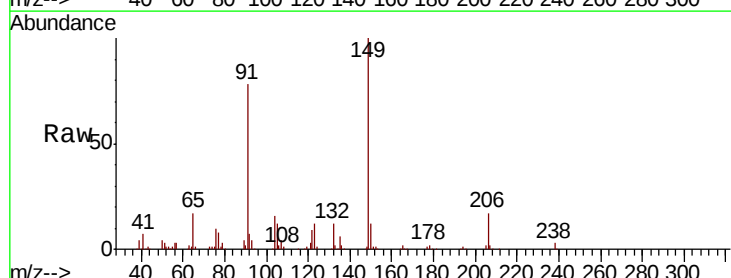
RT: 13.39 min Scan# 1922

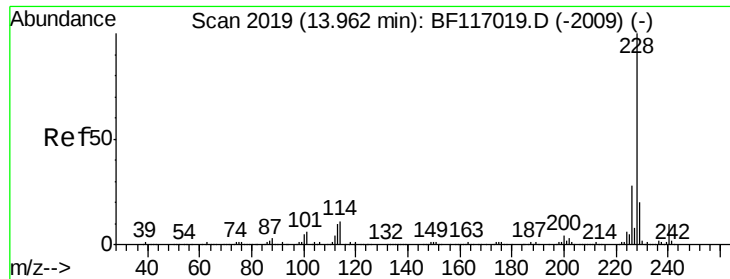
Delta R.T. 0.01 min

Lab File: BF117190.D

Acq: 20 Sep 2019 17:24

Tgt Ion:	149	Resp:	203068
Ion Ratio	Lower	Upper	
149	100		
91	77.8	58.8	88.2
206	16.7	14.1	21.1





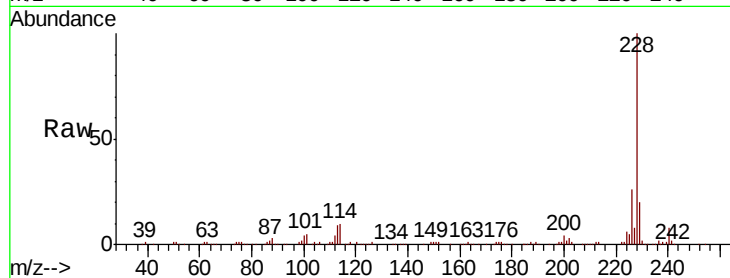
#81
Benzo(a)anthracene
Concen: 43.603 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.3	33.5
229	19.5	15.9	23.9

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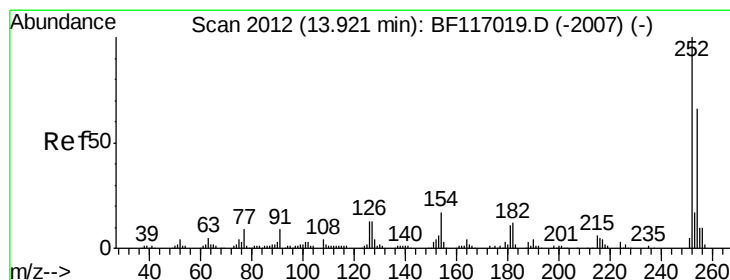
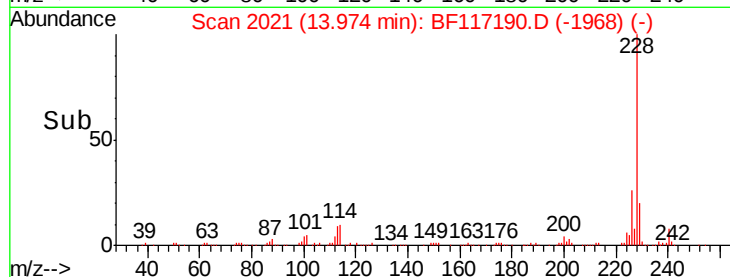
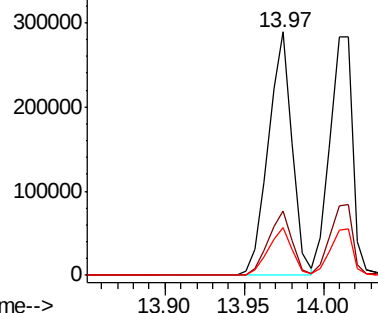


Abundance

Ion 228.00 (227.70 to 228.70): E

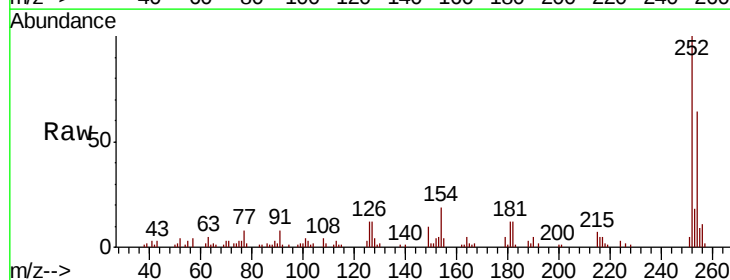
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 18.527 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.6	79.0
126	11.8	10.4	15.6

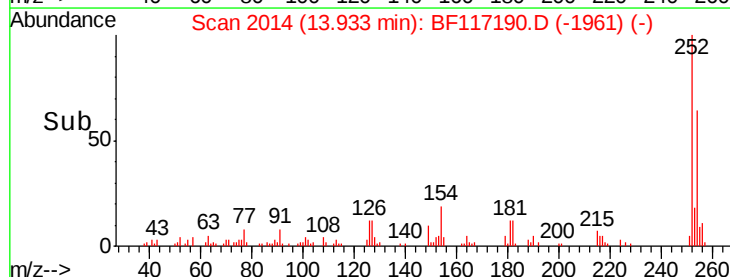
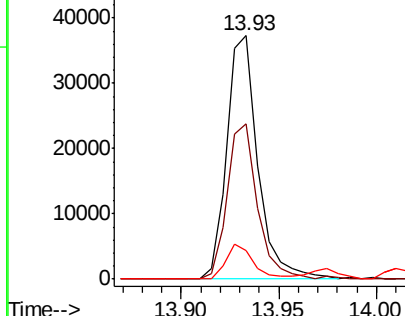


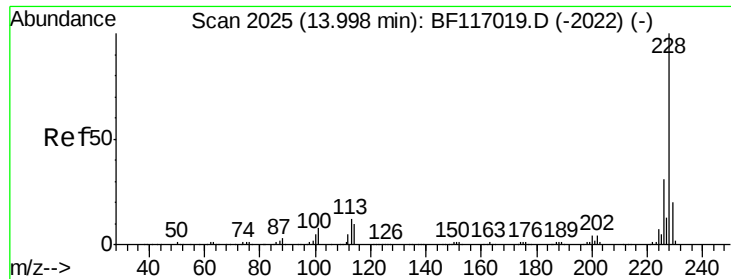
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





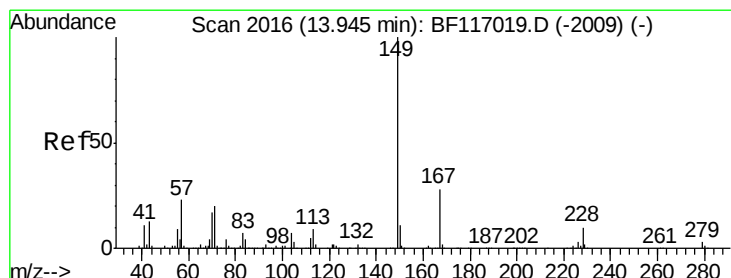
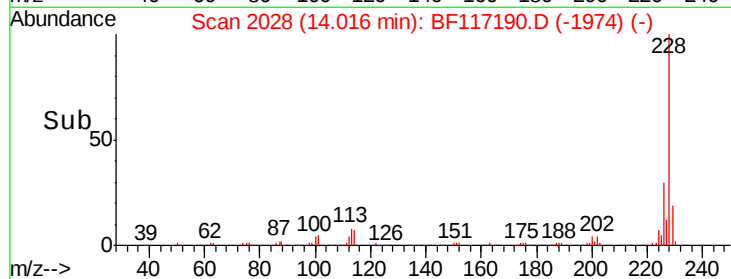
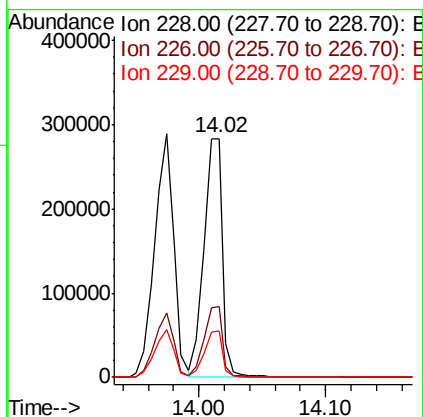
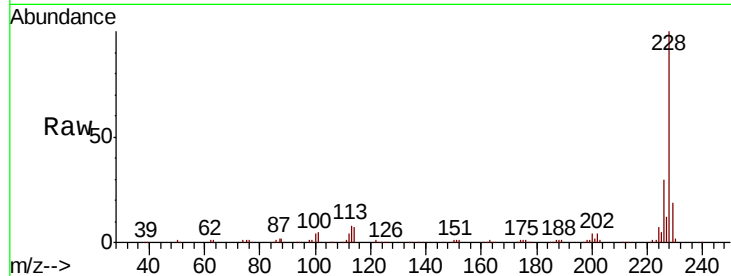
#83
 Chrvsene
 Concen: 43.300 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.02 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :
 PB123268BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	290808		
226	29.8		24.8	37.2
229	19.4		15.8	23.8

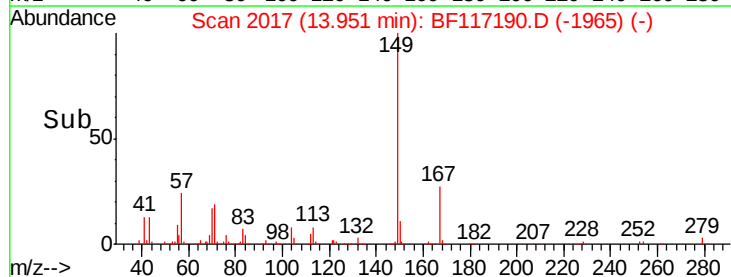
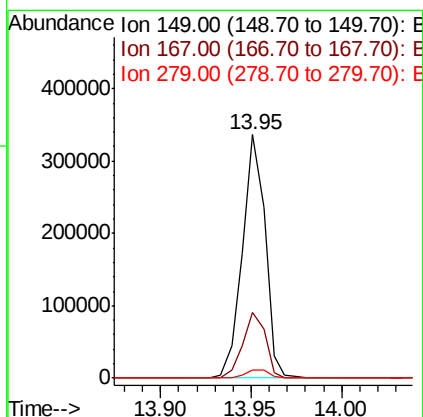
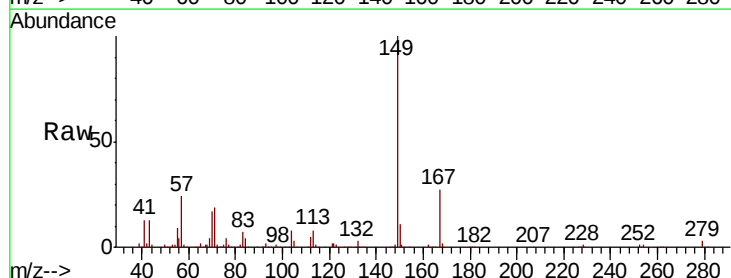
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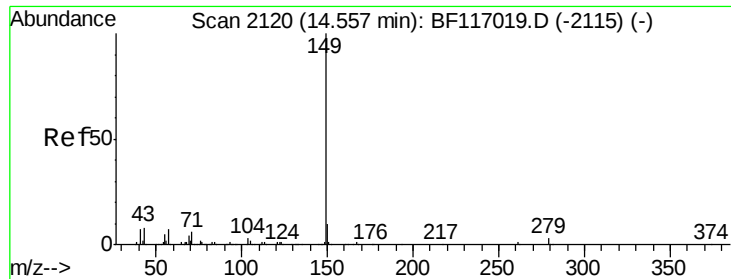
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 55.737 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	293664		
167	27.1		22.2	33.2
279	3.2		2.8	4.2





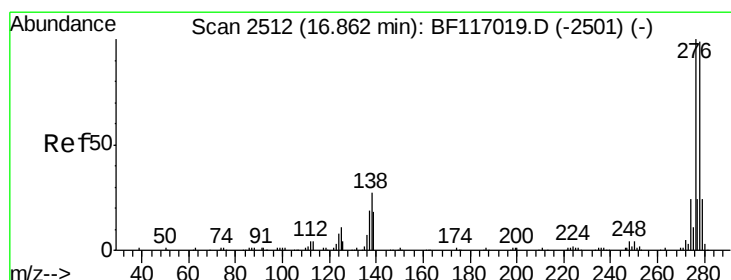
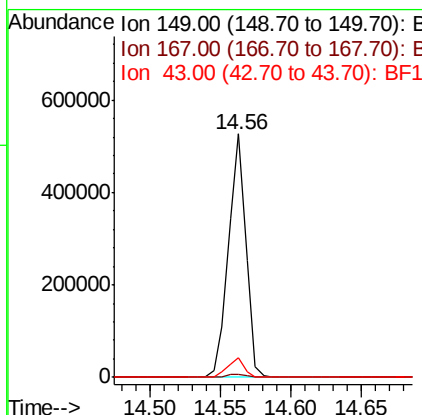
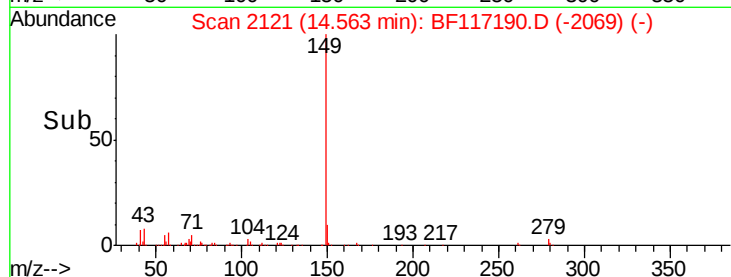
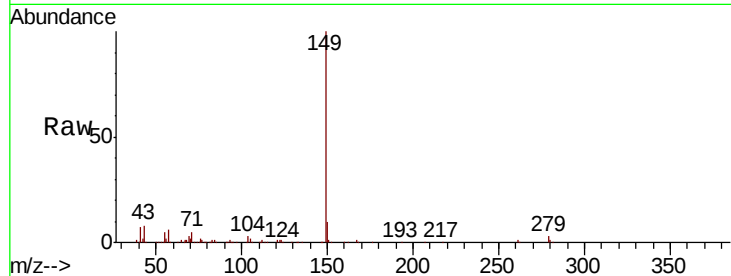
#85
Di-n-octyl phthalate
Concen: 54.607 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	452842		
167	1.5		1.2	1.8
43	7.8		6.2	9.4

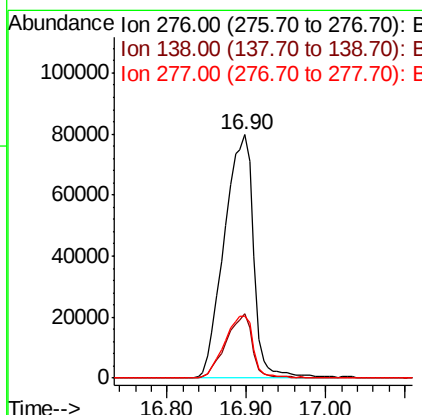
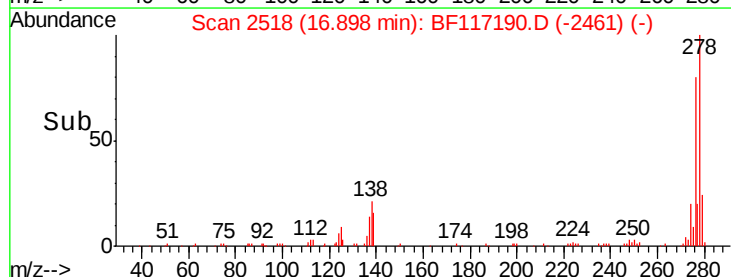
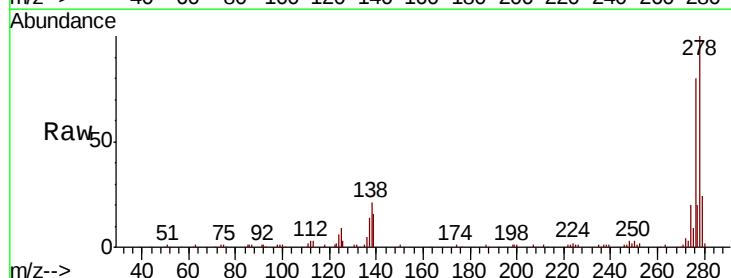
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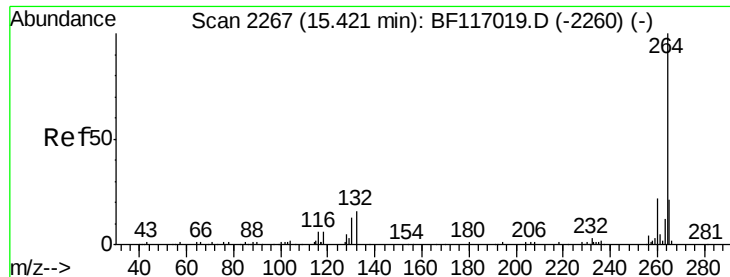
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 41.834 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.04 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	204978		
138	23.6		20.7	31.1
277	25.0		19.8	29.8





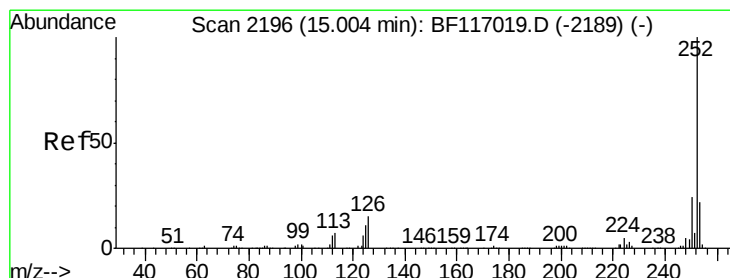
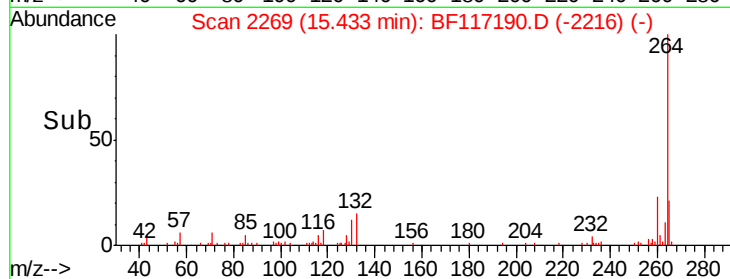
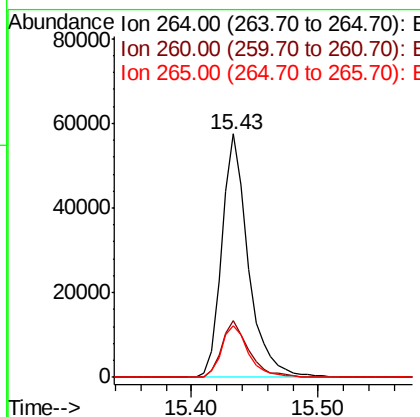
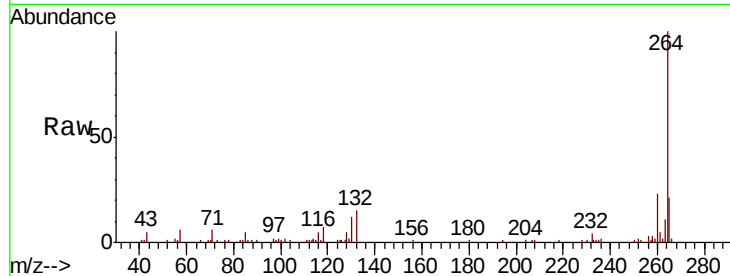
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.6	26.4
265	21.3	16.6	24.8

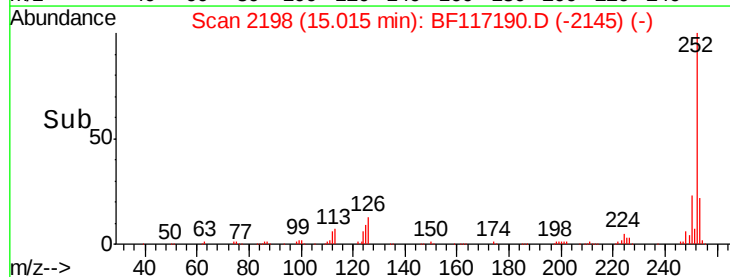
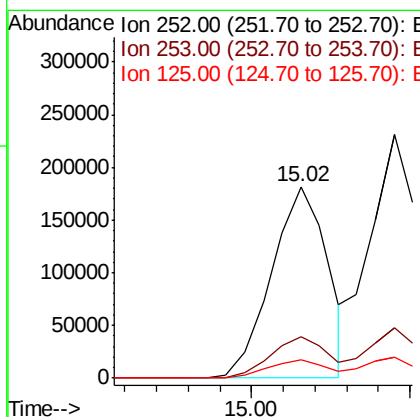
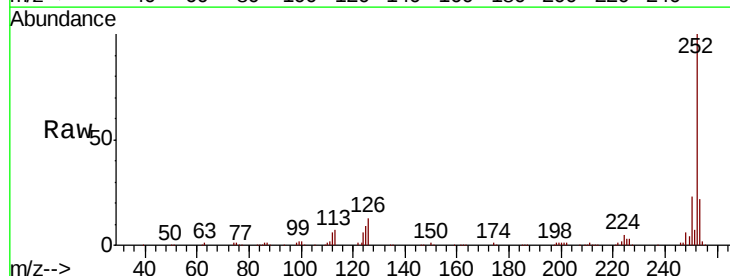
Manual Integrations
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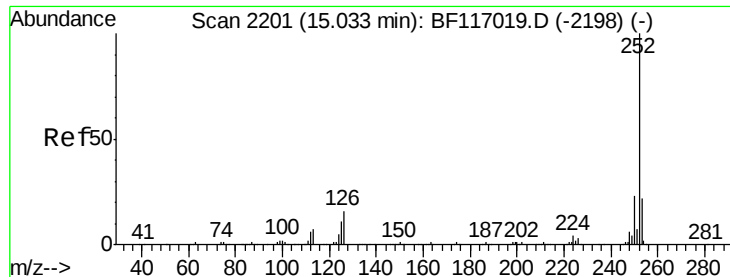
mohammad
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#88
Benzo(b)fluoranthene
Concen: 44.470 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	9.5	8.6	12.8





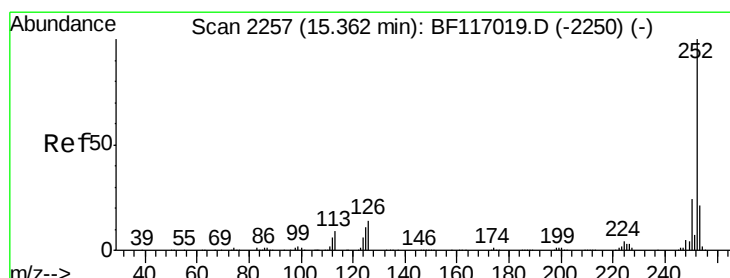
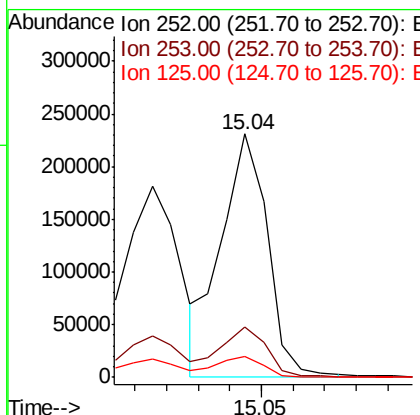
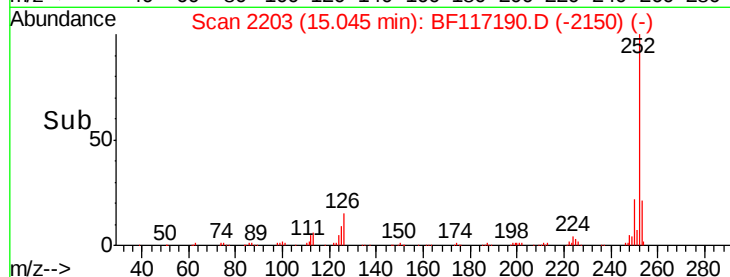
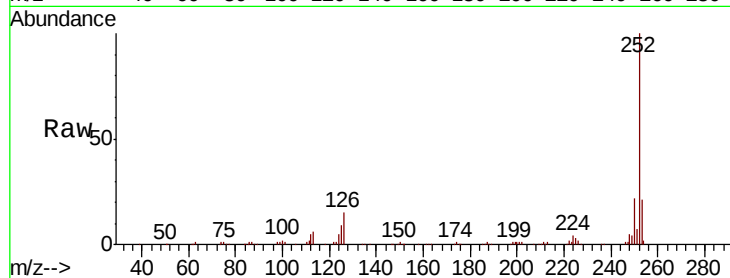
#89
Benzo(k)fluoranthene
Concen: 49.740 ng m
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.5	17.4	26.2
125	8.7	8.8	13.2

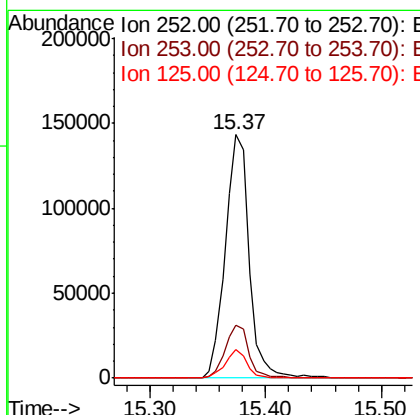
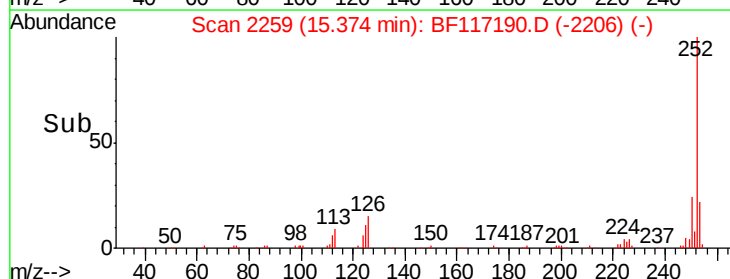
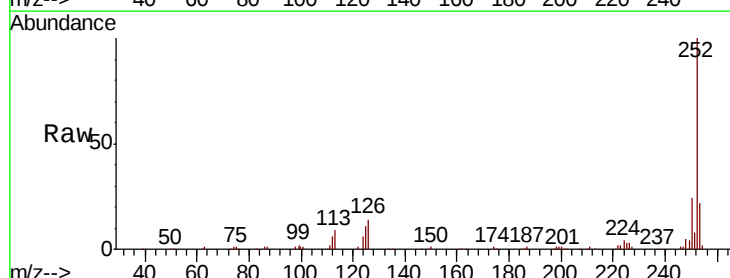
Manual Integrations
APPROVED

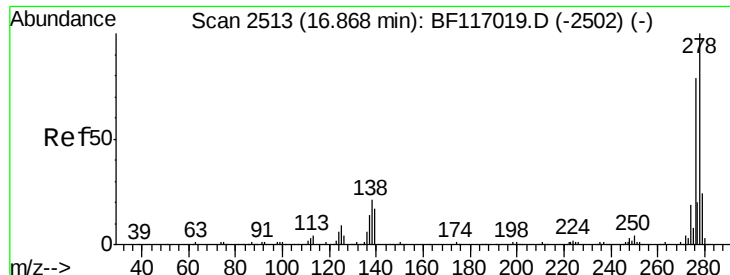
mohammad
9/24/2019 9:12:37 AM



#90
Benzo(a)pyrene
Concen: 46.462 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	16.6	25.0
125	11.5	8.9	13.3





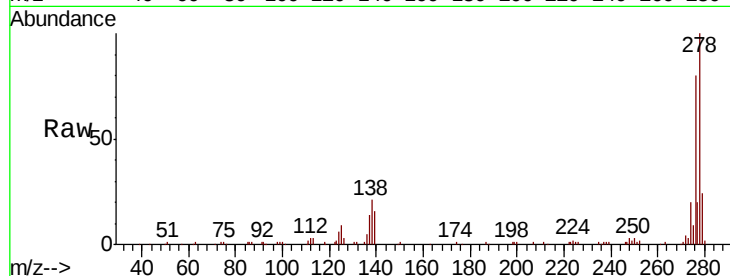
#91
Dibenzo(a,h)anthracene
Concen: 48.931 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.03 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampleId :
PB123268BS

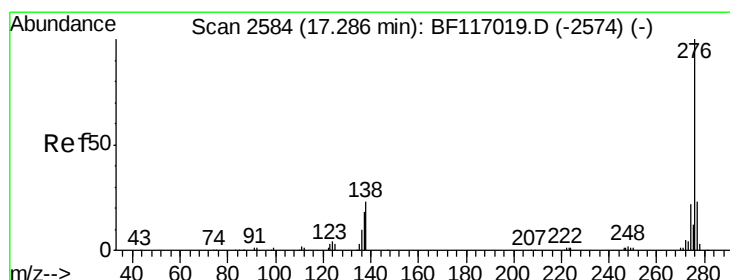
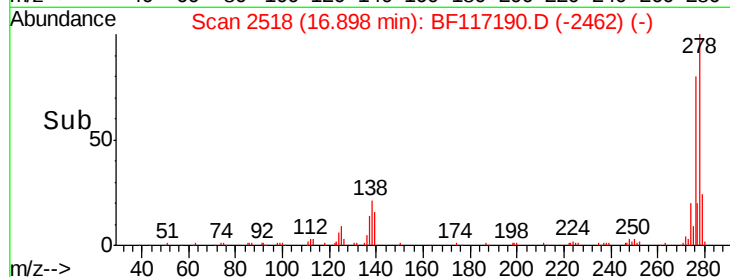
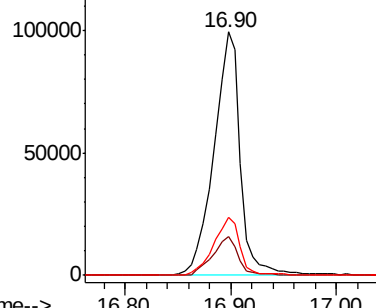
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.5	20.3
279	23.9	18.8	28.2

Manual Integrations
APPROVED

mohammad
9/24/2019 9:12:37 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.222 ng
RT: 17.32 min Scan# 2590
Delta R.T. 0.04 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	27.8
138	18.7	18.0	27.0

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

