

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119291.D
 Acq On : 9 Mar 2020 18:53
 Operator : CG/JU
 Sample : PB127239BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127239BS

Manual Integrations
 APPROVED

mohammad
 3/10/2020 2:44:22 PM

Quant Time: Mar 09 21:24:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	109768	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	438067	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	259066	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	490850	20.00	ng	0.00
76) Chrysene-d12	13.89	240	359328	20.00	ng	0.00
87) Perylene-d12	15.32	264	290599	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	871033	132.61	ng	0.01
7) Phenol-d6	6.39	99	1054534	132.01	ng	0.00
23) Nitrobenzene-d5	7.29	82	635984	76.65	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	419224	123.70	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1297673	73.79	ng	0.00
79) Terphenyl-d14	12.83	244	1657328	79.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	108149	36.981	ng	99
3) Pyridine	3.18	79	254832	31.907	ng	98
4) n-Nitrosodimethylamine	3.11	42	108629	44.899	ng	96
6) Aniline	6.39	93	334649	33.951	ng	# 84
8) 2-Chlorophenol	6.52	128	360918	50.916	ng	100
9) Benzaldehyde	6.28	77	137208	25.708	ng	97
10) Phenol	6.40	94	428515	49.615	ng	94
11) bis(2-Chloroethyl)ether	6.46	93	320165	48.449	ng	97
12) 1,3-Dichlorobenzene	6.67	146	380477	44.783	ng	99
13) 1,4-Dichlorobenzene	6.74	146	388379	45.682	ng	99
14) 1,2-Dichlorobenzene	6.90	146	360225	46.459	ng	98
15) Benzyl Alcohol	6.88	79	299273	51.837	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	262999	45.943	ng	# 21
17) 2-Methylphenol	7.00	107	296963	51.673	ng	95
18) Hexachloroethane	7.23	117	139285	45.793	ng	95
19) n-Nitroso-di-n-propylamine	7.15	70	246679	52.995	ng	98
20) 3+4-Methylphenols	7.16	107	393446	55.880	ng	# 87
22) Acetophenone	7.14	105	494075	48.746	ng	# 95
24) Nitrobenzene	7.32	77	383012	46.682	ng	99
25) Isophorone	7.55	82	694508	48.200	ng	98
26) 2-Nitrophenol	7.63	139	204454	47.031	ng	96
27) 2,4-Dimethylphenol	7.67	122	318331	53.955	ng	96
28) bis(2-Chloroethoxy)methane	7.76	93	422351	45.033	ng	99
29) 2,4-Dichlorophenol	7.88	162	332346	47.850	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	350247	42.531	ng	98
31) Naphthalene	8.03	128	1048391	46.146	ng	99
32) Benzoic acid	7.85	122	162723	39.218	ng	99
33) 4-Chloroaniline	8.09	127	264470	27.065	ng	99
34) Hexachlorobutadiene	8.15	225	213242	41.571	ng	98
35) Caprolactam	8.47	113	108179m	50.583	ng	
36) 4-Chloro-3-methylphenol	8.59	107	362225	51.531	ng	97
37) 2-Methylnaphthalene	8.72	142	730211	47.760	ng	99
38) 1-Methylnaphthalene	8.82	142	684626	47.614	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	364175	41.693	ng	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	128734	45.130	nq	99
43) 2,4,6-Trichlorophenol	9.01	196	233224	42.282	nq	97
44) 2,4,5-Trichlorophenol	9.06	196	241527	41.728	nq	99
46) 1,1'-Biphenyl	9.19	154	896199	42.803	nq	99
47) 2-Chloronaphthalene	9.21	162	718131	42.562	nq	99
48) 2-Nitroaniline	9.32	65	213112	45.284	nq	96
49) Acenaphthylene	9.63	152	1088052	44.649	nq	99
50) Dimethylphthalate	9.49	163	890418	44.947	nq	100
51) 2,6-Dinitrotoluene	9.56	165	199619	45.355	nq #	84
52) Acenaphthene	9.80	154	651940	44.367	nq	100
53) 3-Nitroaniline	9.73	138	141396	28.979	nq	93
54) 2,4-Dinitrophenol	9.86	184	145393	69.093	nq	95
55) Dibenzofuran	9.97	168	970556	44.252	nq	99
56) 4-Nitrophenol	9.92	139	167961	57.293	nq	93
57) 2,4-Dinitrotoluene	9.97	165	253195	44.382	nq	88
58) Fluorene	10.31	166	794978	46.646	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	219866	45.018	nq	98
60) Diethylphthalate	10.19	149	874218	46.828	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	415315	46.038	nq	99
62) 4-Nitroaniline	10.35	138	185212	37.101	nq	96
63) Azobenzene	10.46	77	784138	48.323	nq	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	134738	45.363	nq	98
66) n-Nitrosodiphenylamine	10.42	169	730427	45.447	nq	100
67) 4-Bromophenyl-phenylether	10.79	248	278703	43.438	nq	99
68) Hexachlorobenzene	10.87	284	317476	42.918	nq	95
69) Atrazine	10.95	200	267072	47.560	nq	99
70) Pentachlorophenol	11.07	266	213210	71.551	nq	98
71) Phenanthrene	11.27	178	1186739	44.333	nq	98
72) Anthracene	11.33	178	1230344	46.001	nq	98
73) Carbazole	11.48	167	1071008	44.948	nq	99
74) Di-n-butylphthalate	11.80	149	1364009	47.270	nq	99
75) Fluoranthene	12.46	202	1277547	44.962	nq	98
77) Benzidine	12.58	184	348903	23.875	nq	98
78) Pyrene	12.69	202	1284296	44.511	nq	99
80) Butylbenzylphthalate	13.30	149	569697	46.913	nq	100
81) Benzo(a)anthracene	13.88	228	1137102	46.444	nq	98
82) 3,3'-Dichlorobenzidine	13.83	252	339403	35.700	nq	98
83) Chrysene	13.92	228	1069428	43.837	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	813276	53.010	nq	99
85) Di-n-octyl phthalate	14.46	149	1288752	52.722	nq	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	881228	37.306	nq	100
88) Benzo(b)fluoranthene	14.91	252	989732	51.670	nq	99
89) Benzo(k)fluoranthene	14.94	252	947489	53.376	nq	99
90) Benzo(a)pyrene	15.26	252	834666	48.281	nq	99
91) Dibenzo(a,h)anthracene	16.73	278	747197	49.122	nq	100
92) Benzo(g,h,i)perylene	17.14	276	724475	48.204	nq	97

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



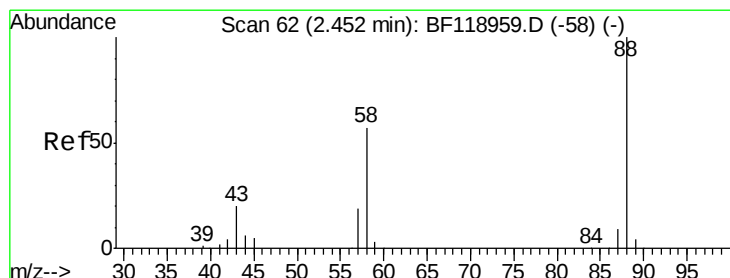
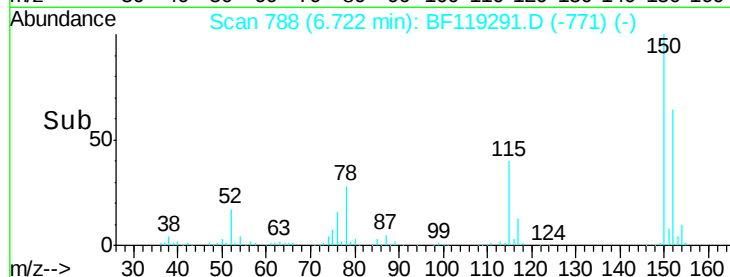
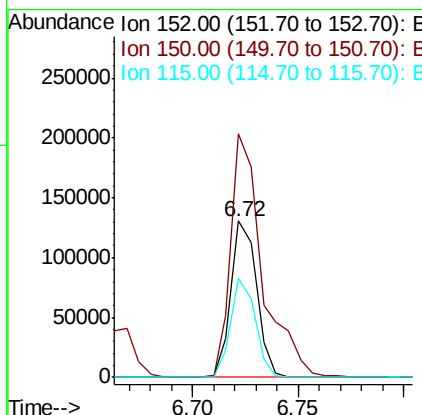
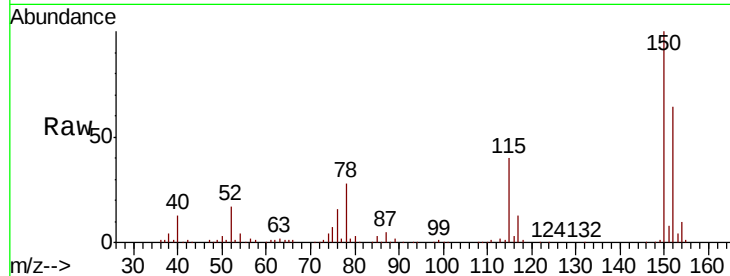
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Instrument :
 BNA_F
 ClientSampleID :
 PB127239BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	123.0	184.6
115	63.0	49.5	74.3

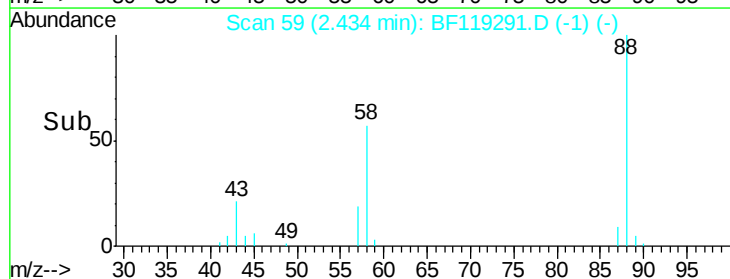
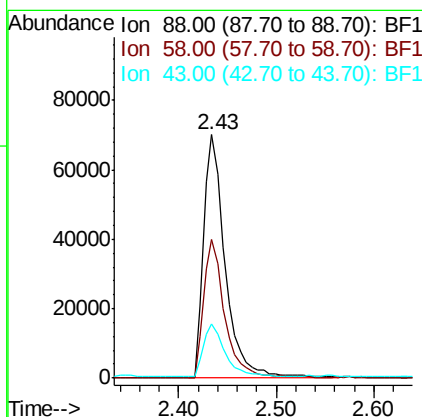
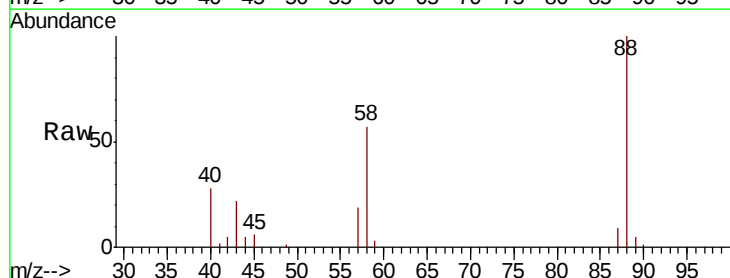
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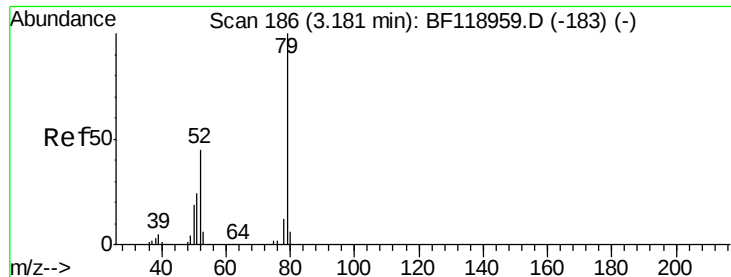
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#2
 1,4-Dioxane
 Concen: 36.981 ng
 RT: 2.43 min Scan# 59
 Delta R.T. 0.05 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.6	43.8	65.6
43	20.7	16.2	24.4





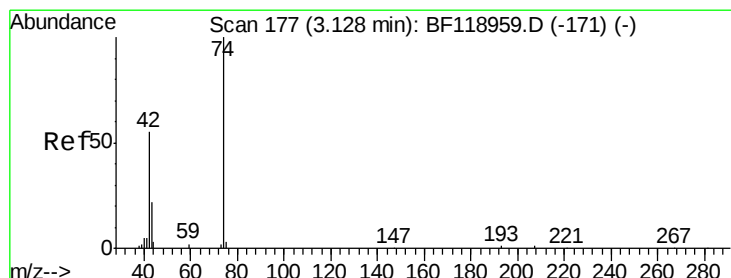
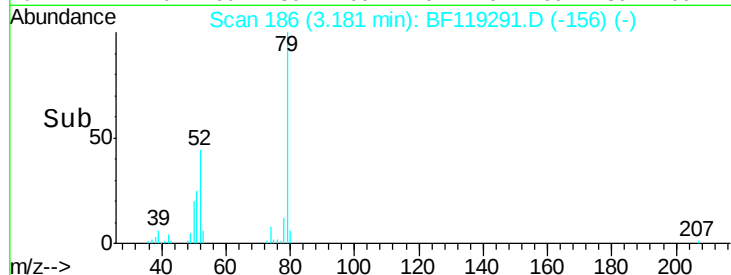
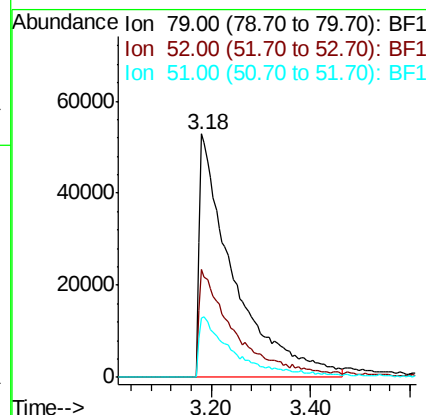
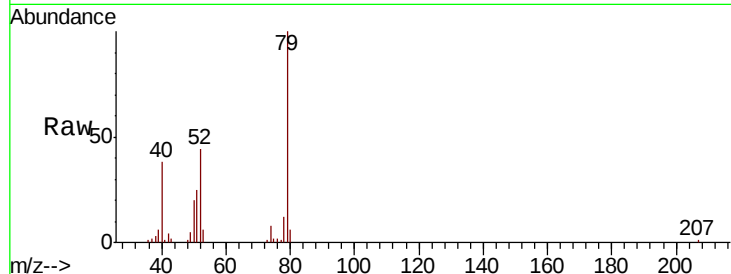
#3
 Pvridine
 Concen: 31.907 ng
 RT: 3.18 min Scan# 186
 Delta R.T. 0.08 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB127239BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	44.5	37.4	56.0
51	24.5	19.8	29.6

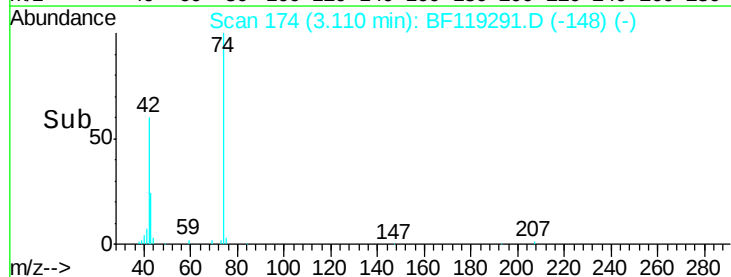
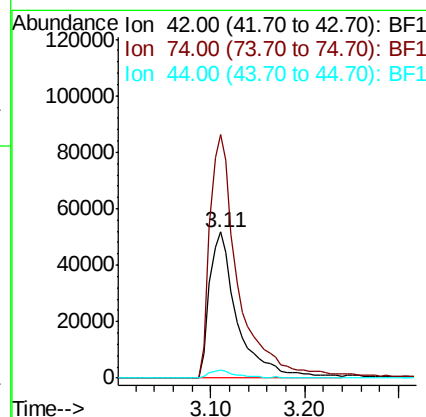
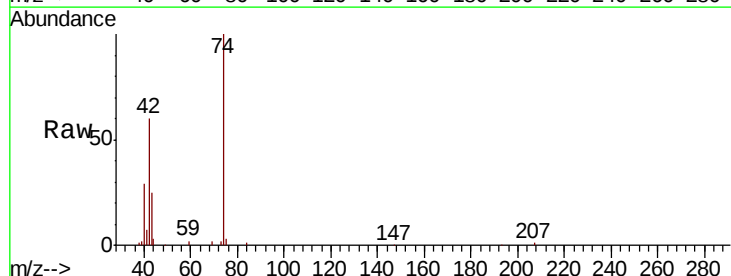
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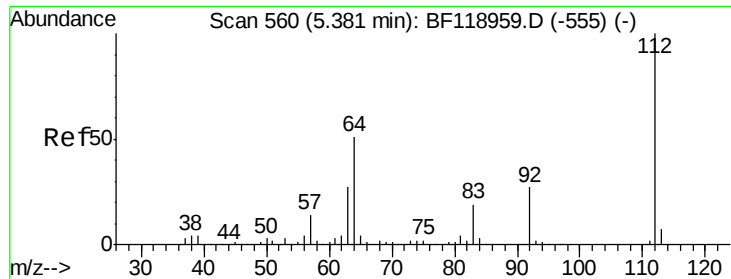
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#4
 n-Nitrosodimethylamine
 Concen: 44.899 ng
 RT: 3.11 min Scan# 174
 Delta R.T. 0.05 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Tgt Ion	Ratio	Lower	Upper
42	100		
74	166.5	137.7	206.5
44	5.4	4.5	6.7





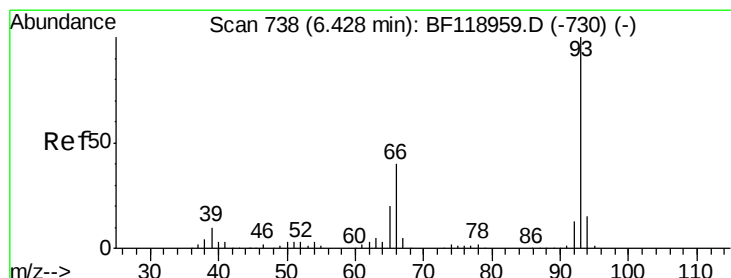
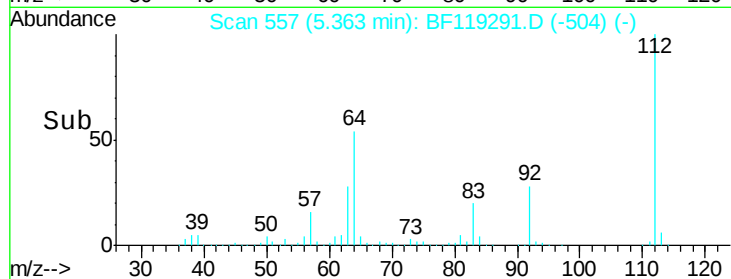
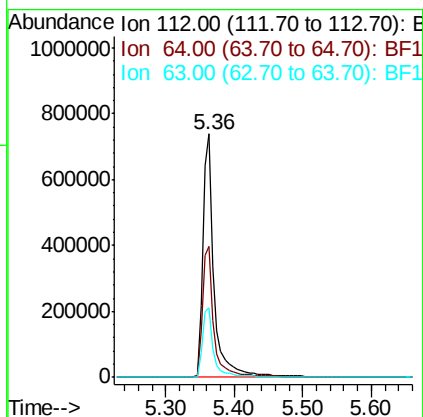
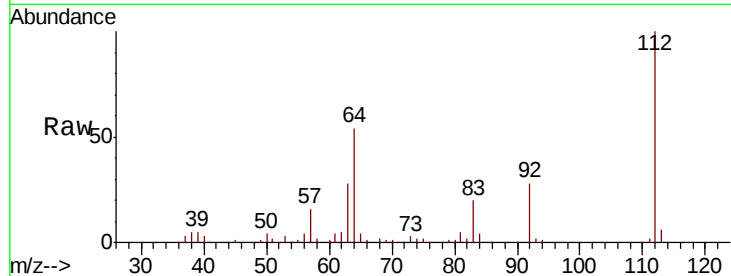
#5
2-Fluorophenol
Concen: 132.612 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Instrument :
BNA_F
ClientSampleID :
PB127239BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	54.0	45.0	67.4
63	28.4	24.2	36.4

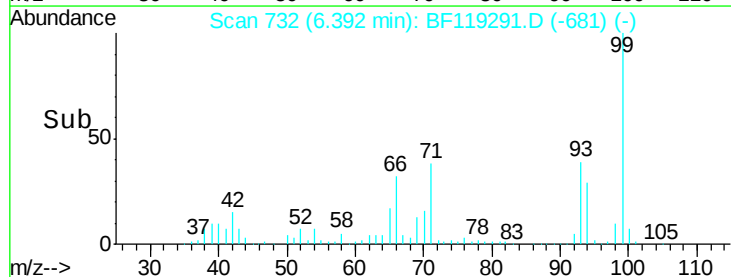
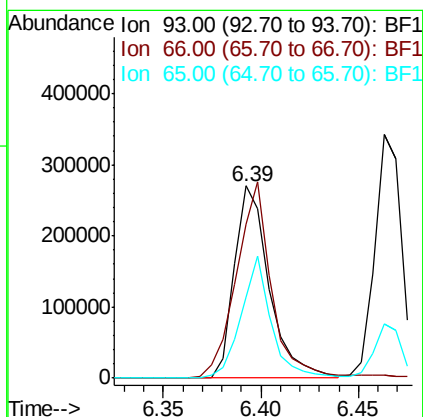
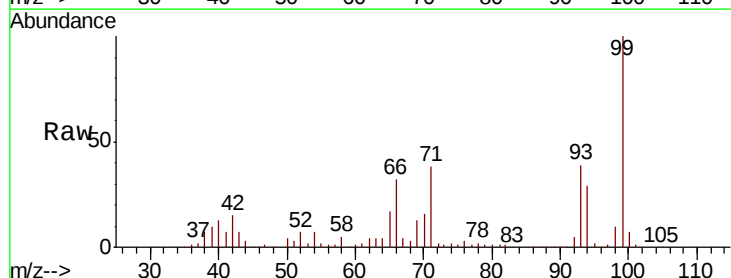
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#6
Aniline
Concen: 33.951 ng
RT: 6.39 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	80.4	74.5	111.7
65	42.1	45.3	67.9#





#7

Phenol-d6

Concen: 132.010 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

Instrument :

BNA_F

ClientSampleId :

PB127239BS

Tot Ion: 99 Resp: 1054534

Ion Ratio Lower Upper

99 100

42 15.9 12.6 18.8

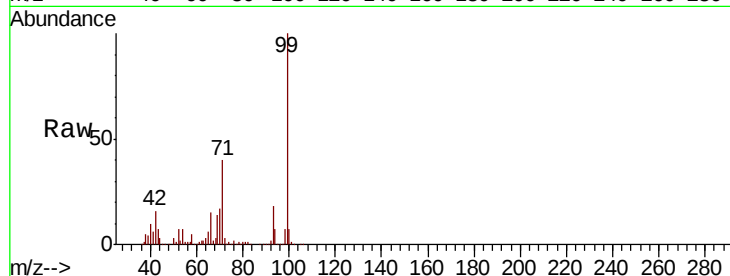
71 40.3 31.0 46.4

Manual Integrations

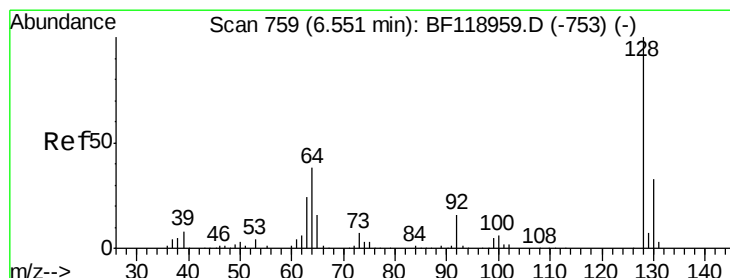
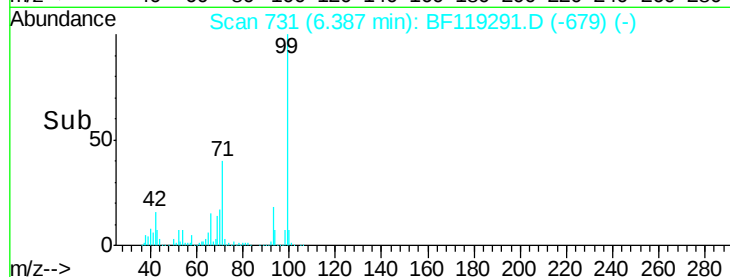
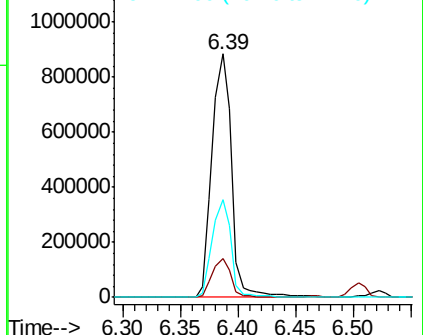
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 50.916 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

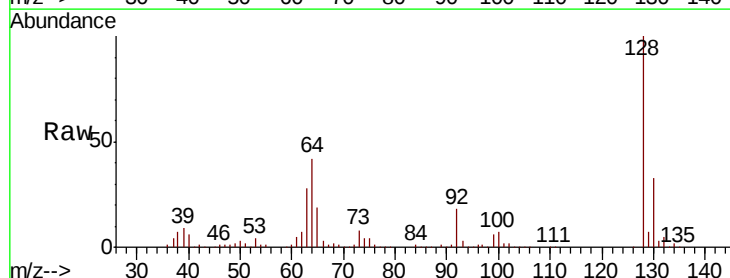
Tgt Ion: 128 Resp: 360918

Ion Ratio Lower Upper

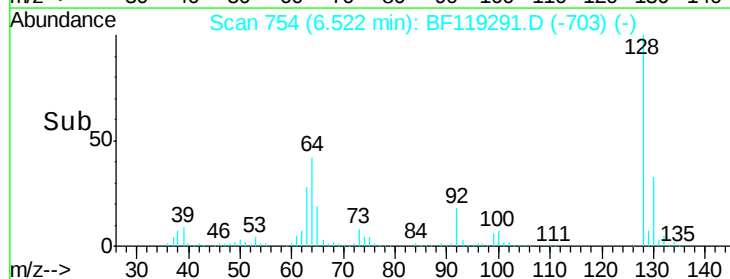
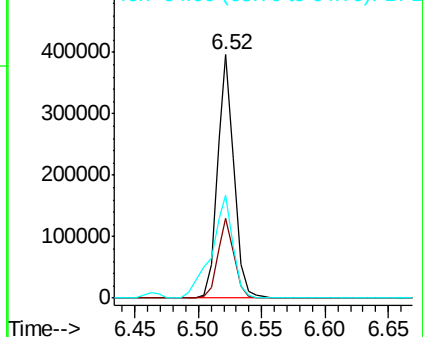
128 100

130 33.0 12.7 52.7

64 42.2 22.3 62.3



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: 25.708 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

Instrument :

BNA_F

ClientSampleId :

PB127239BS

Tot Ion: 77 Resp: 137208

Ion Ratio Lower Upper

77 100

105 104.9 80.1 120.1

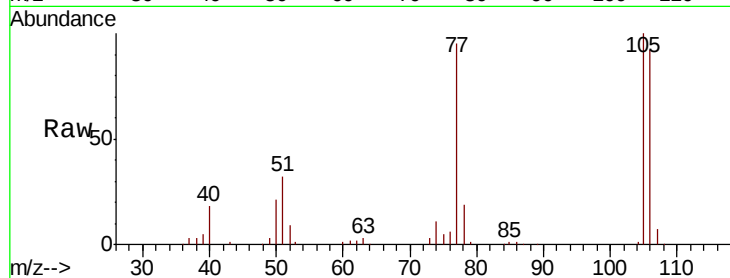
106 96.1 75.9 115.9

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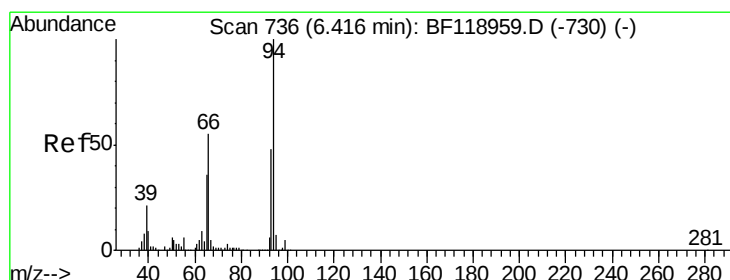
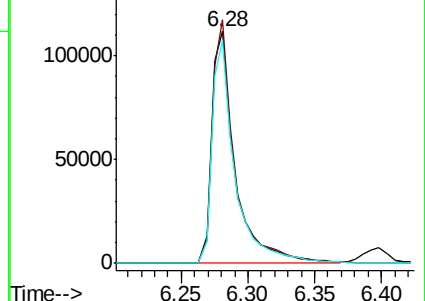
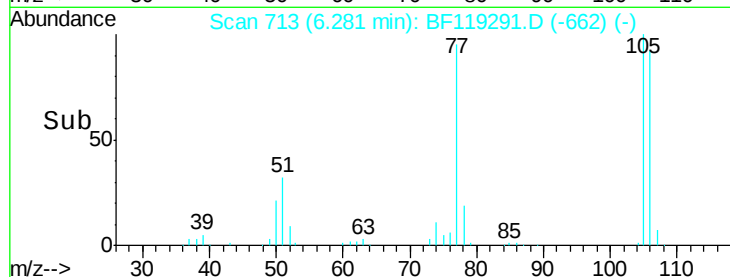
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 49.615 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

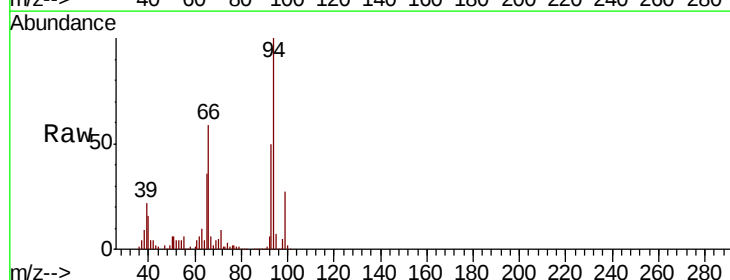
Tgt Ion: 94 Resp: 428515

Ion Ratio Lower Upper

94 100

65 36.3 19.2 59.2

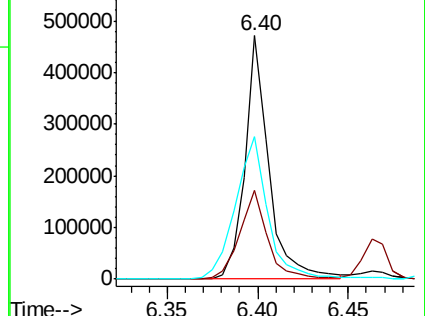
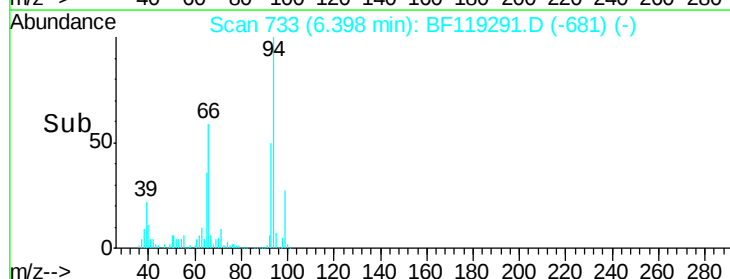
66 58.7 44.4 84.4

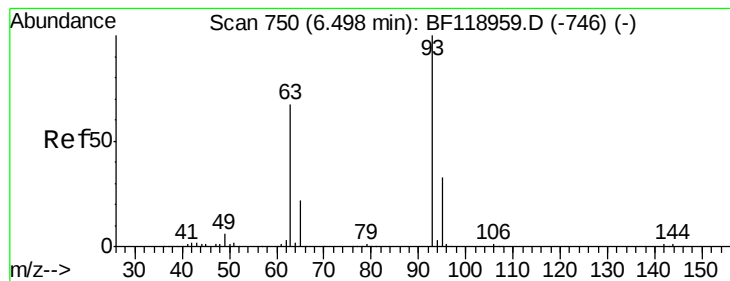


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





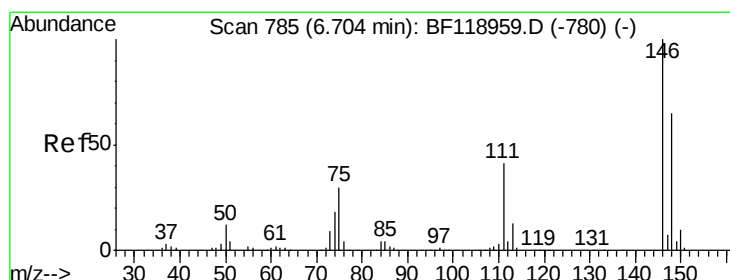
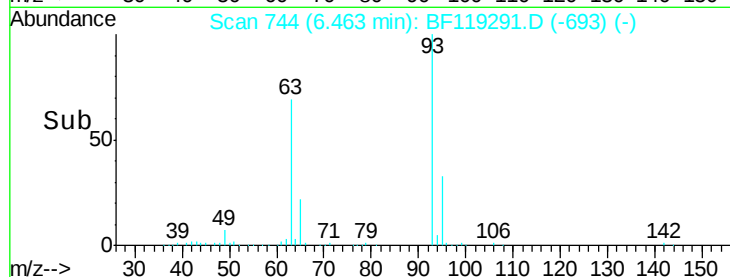
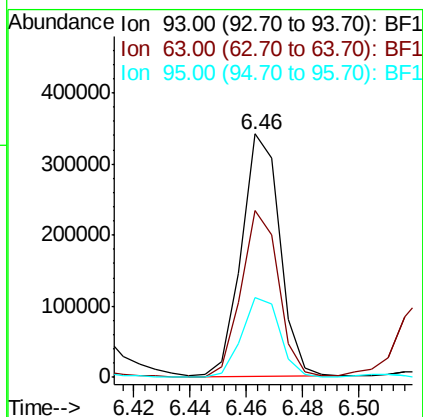
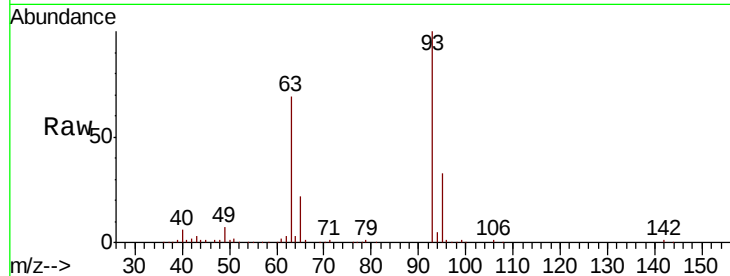
#11
bis(2-Chloroethyl)ether
Concen: 48.449 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	68.5	45.4	85.4
95	32.6	13.5	53.5

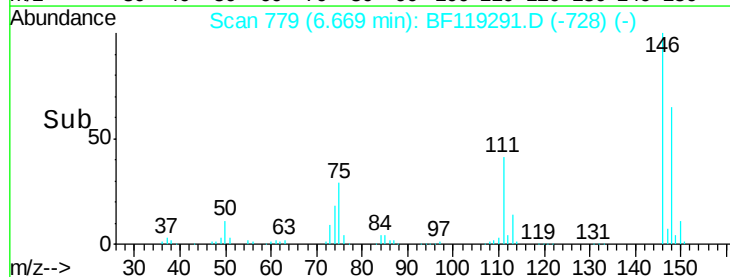
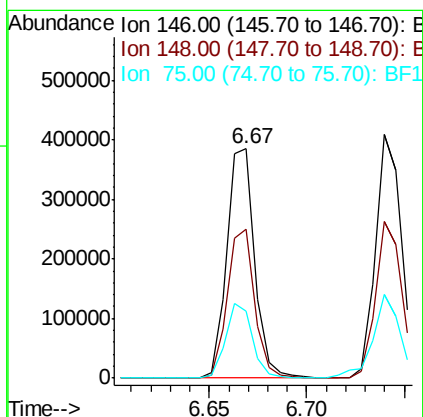
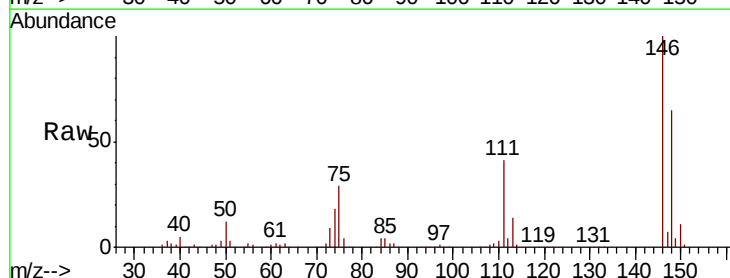
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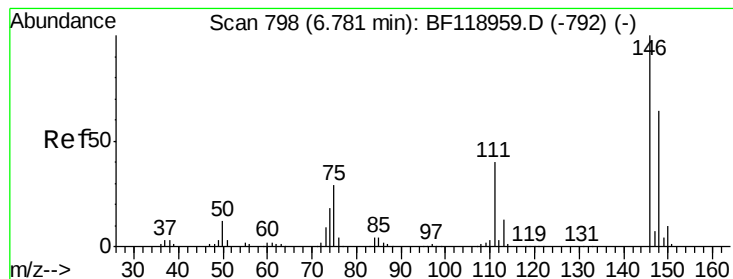
mohammad
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#12
1,3-Dichlorobenzene
Concen: 44.783 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.5	78.7
75	29.2	23.6	35.4





#13

1,4-Dichlorobenzene

Concen: 45.682 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

Instrument :

BNA_F

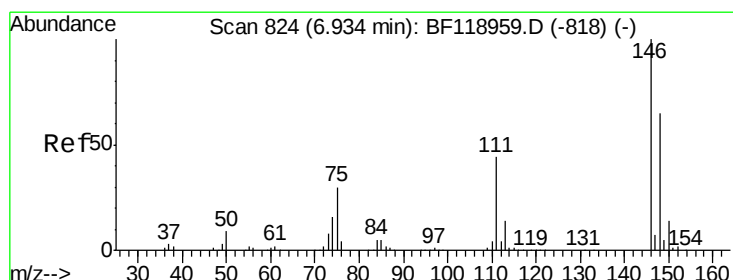
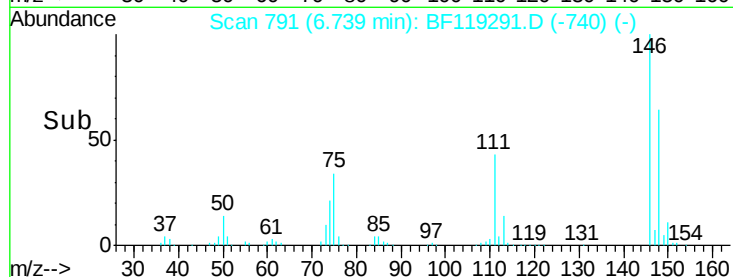
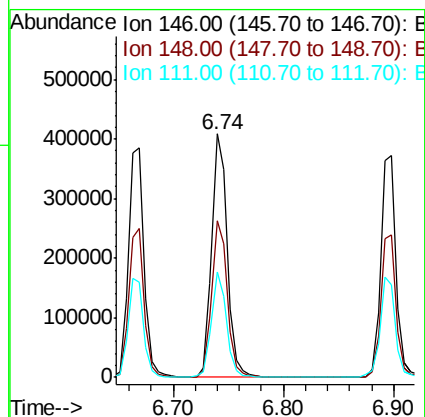
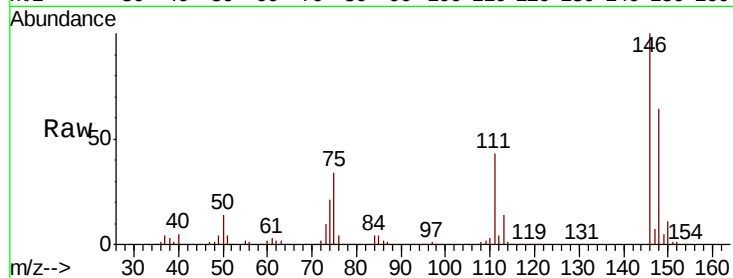
ClientSampleId :

PB127239BS

Tot Ion:	146	Resp:	388379
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.1	76.7
111	43.1	34.8	52.2

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#14

1,2-Dichlorobenzene

Concen: 46.459 ng

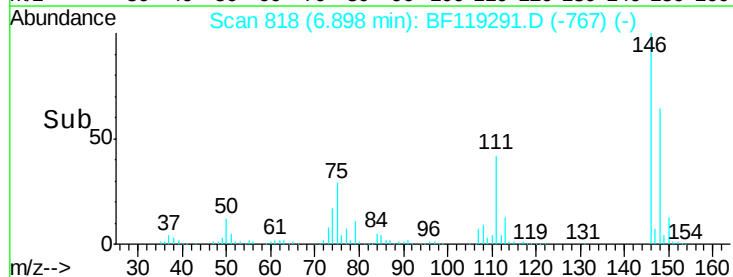
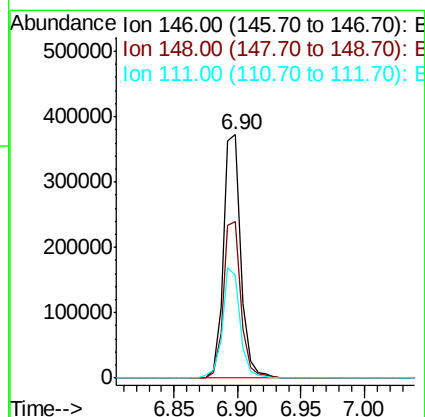
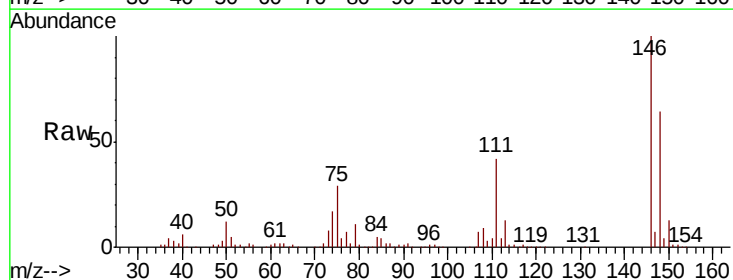
RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

Tgt Ion:	146	Resp:	360225
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.9	77.9
111	42.0	36.2	54.2





#15

Benzyl Alcohol

Concen: 51.837 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

Instrument :

BNA_F

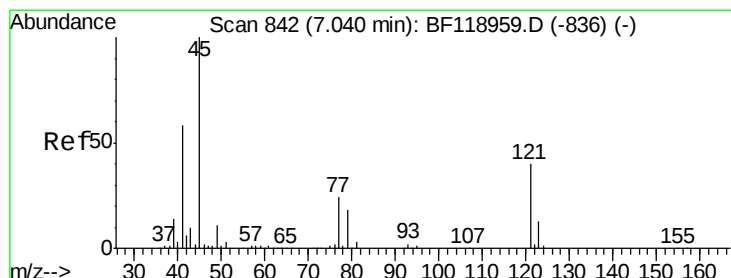
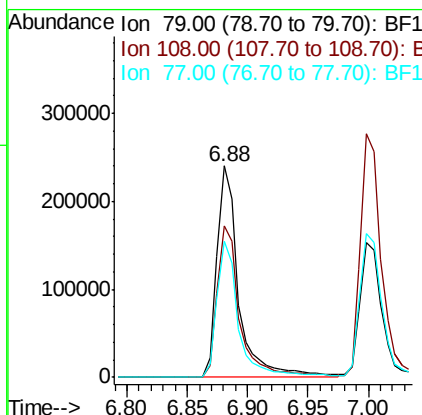
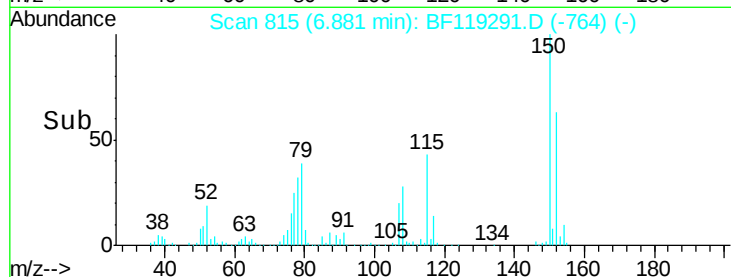
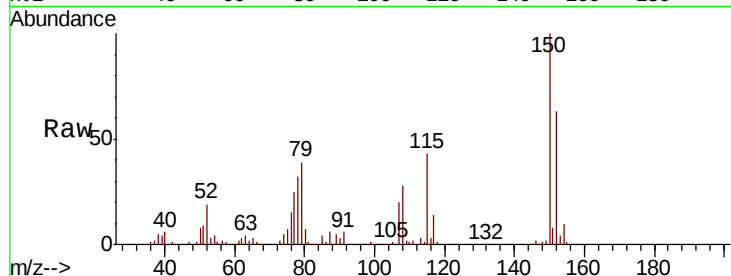
ClientSampleID :

PB127239BS

Tot Ion:	79	Resp:	299273
Ion Ratio	Lower	Upper	
79	100		
108	72.0	58.2	87.2
77	64.7	51.2	76.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.943 ng

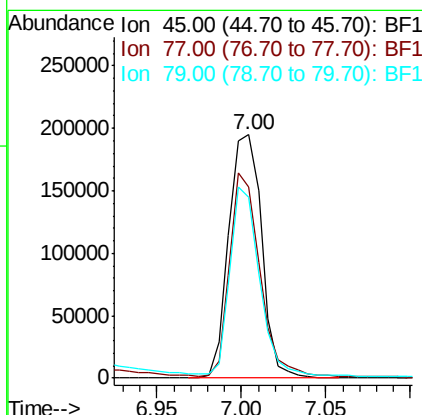
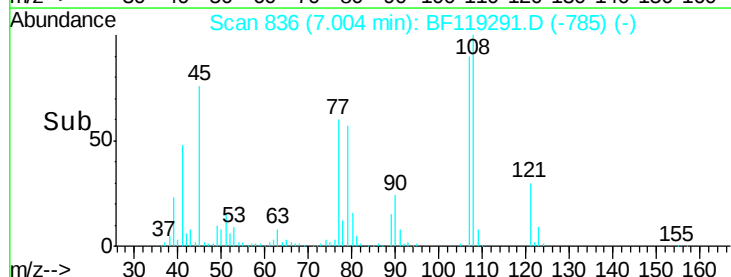
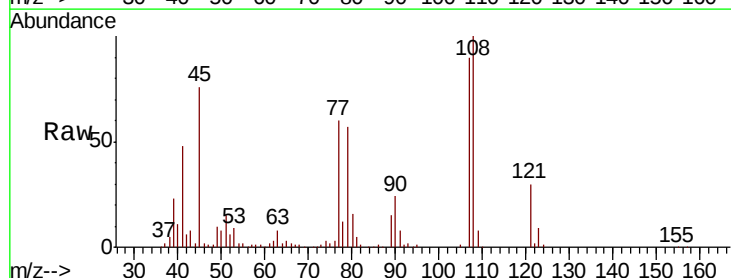
RT: 7.00 min Scan# 836

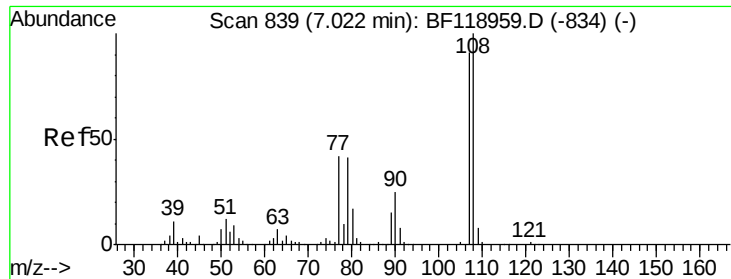
Delta R.T. 0.00 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

Tgt Ion:	45	Resp:	262999
Ion Ratio	Lower	Upper	
45	100		
77	78.3	15.0	55.0#
79	74.3	9.4	49.4#





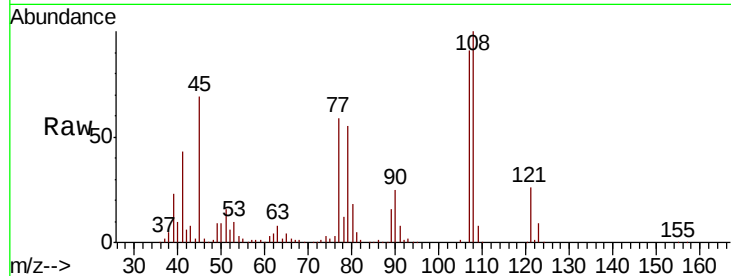
#17
2-Methylphenol
Concen: 51.673 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	107	Resp	296963
Ion Ratio	Lower	Upper	
107	100		
108	109.5	87.9	131.9
77	64.8	45.3	67.9
79	60.4	43.0	64.4

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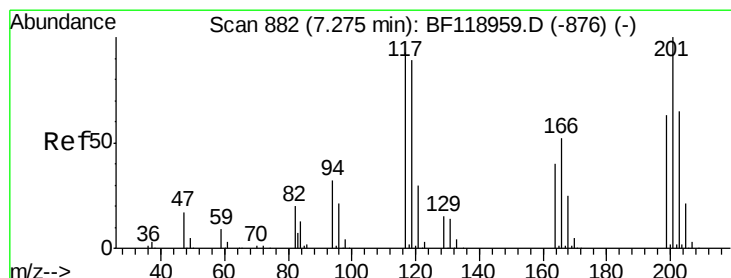
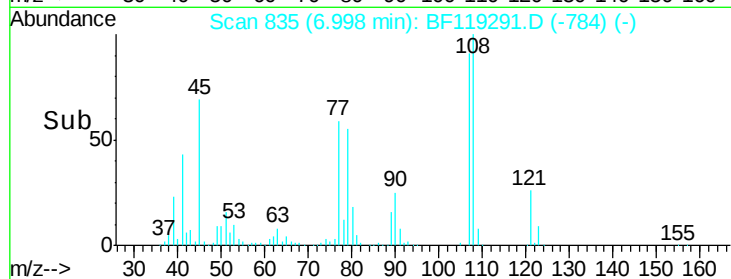
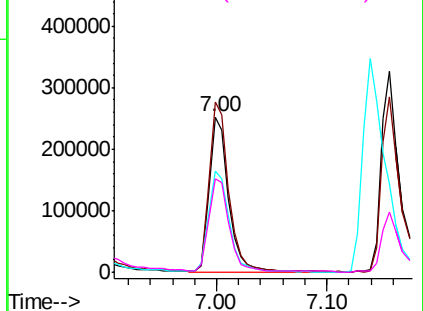
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

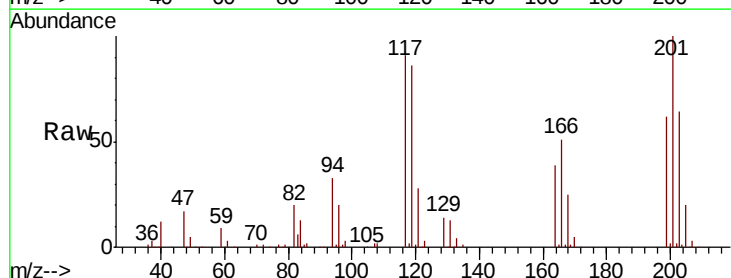
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 45.793 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion	117	Resp	139285
Ion Ratio	Lower	Upper	
117	100		
119	94.5	77.5	116.3
201	109.8	82.6	123.8

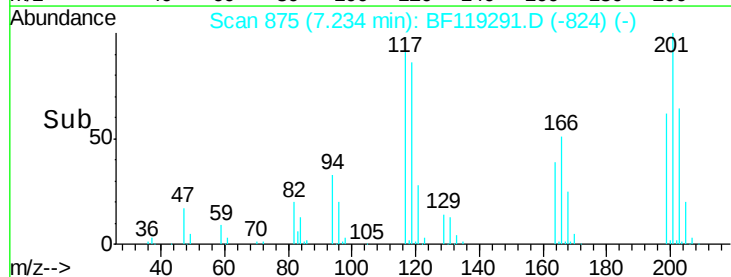
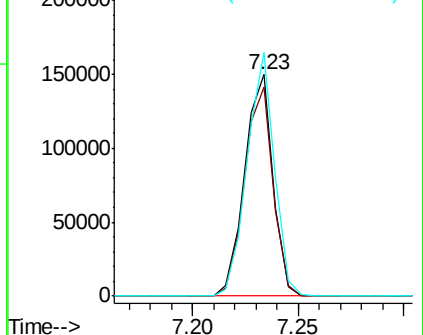


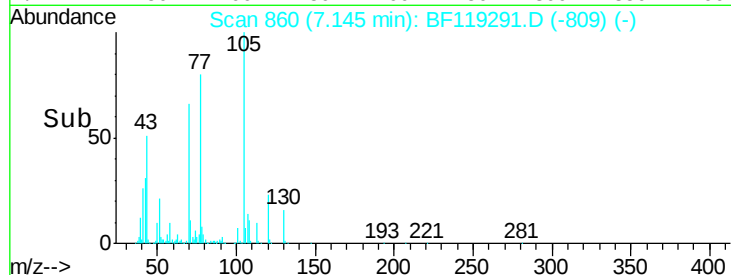
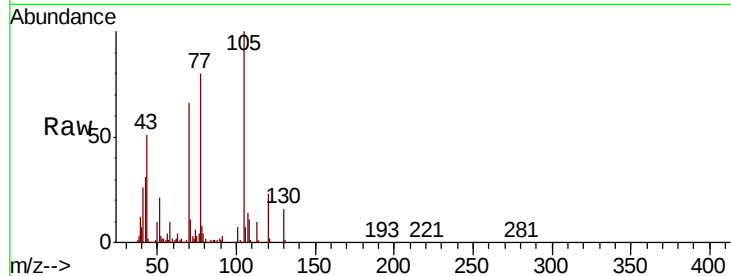
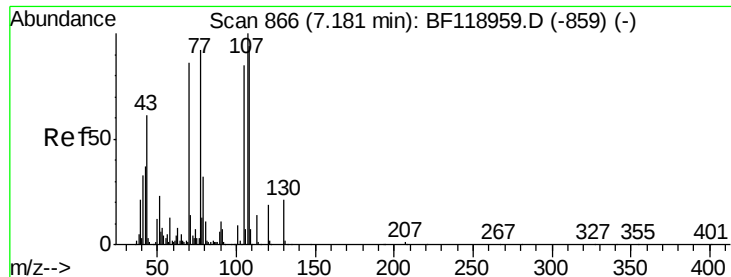
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





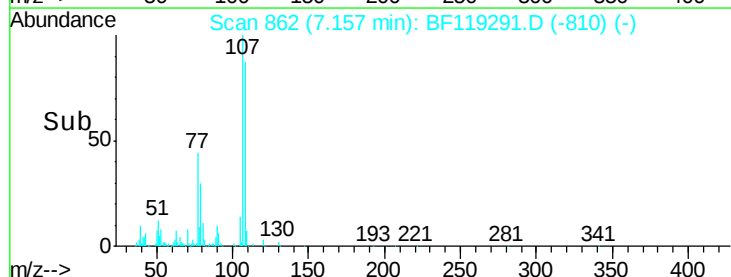
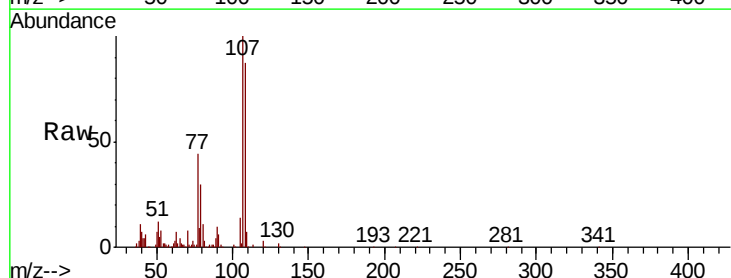
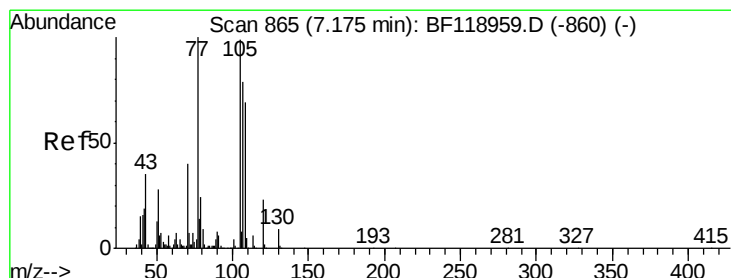
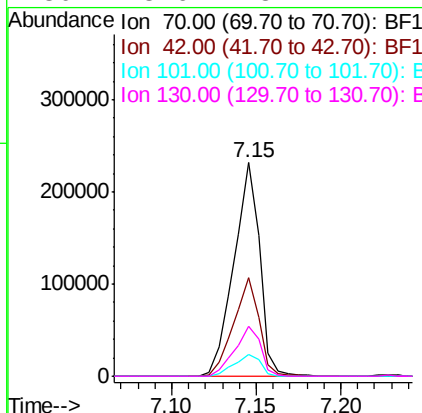
#19
n-Nitroso-di-n-propylamine
Concen: 52.995 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	Ratio	Resp	Lower	Upper
70	100	246679		
42	46.2		38.0	57.0
101	10.4		8.2	12.4
130	23.6		18.2	27.4

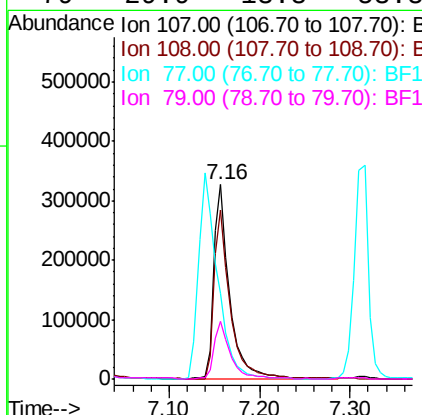
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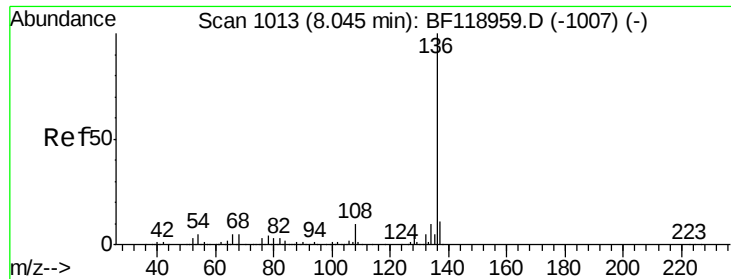
mohammad
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#20
3+4-Methylphenols
Concen: 55.880 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	393446		
108	87.1		71.5	111.5
77	44.2		45.9	85.9#
79	29.9		13.8	53.8





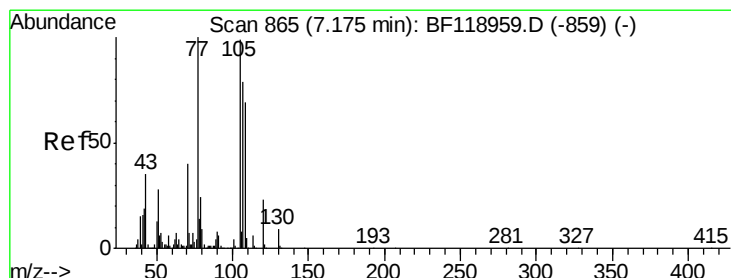
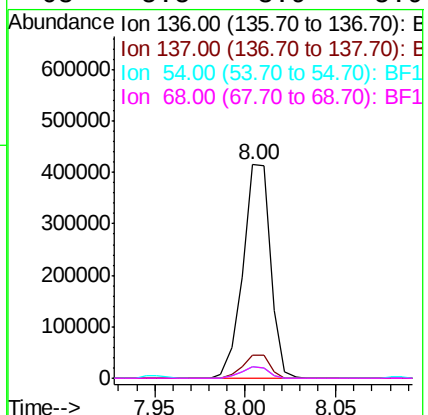
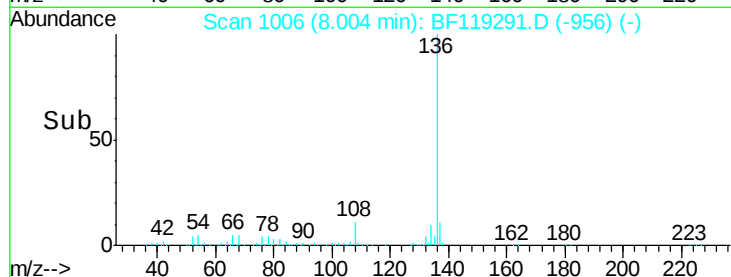
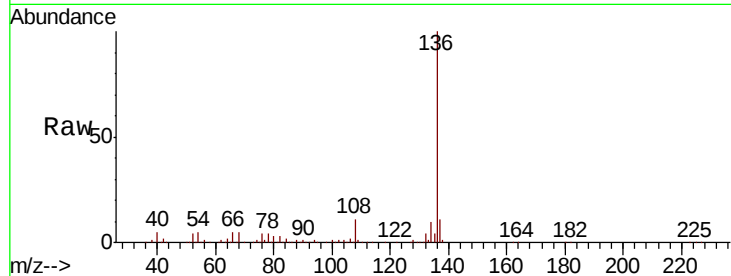
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		438067		
137	10.8		8.8	13.2	
54	5.5		3.8	5.6	
68	5.5		3.9	5.9	

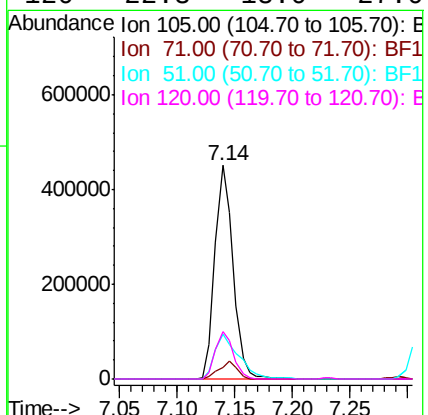
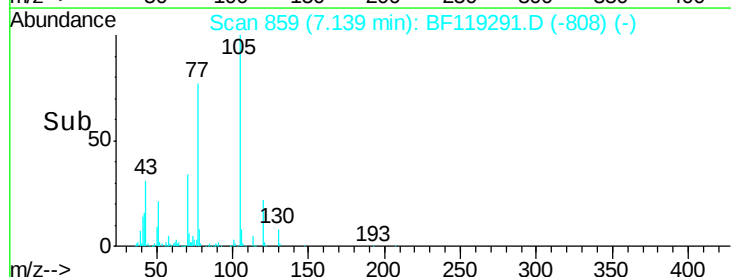
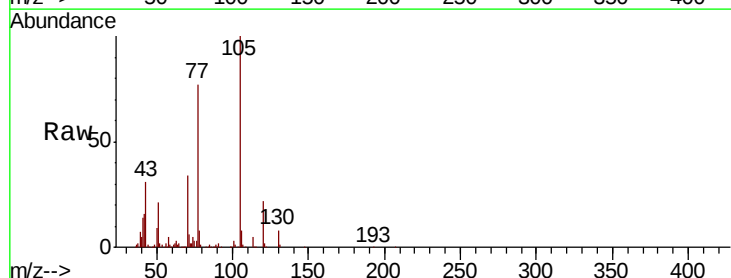
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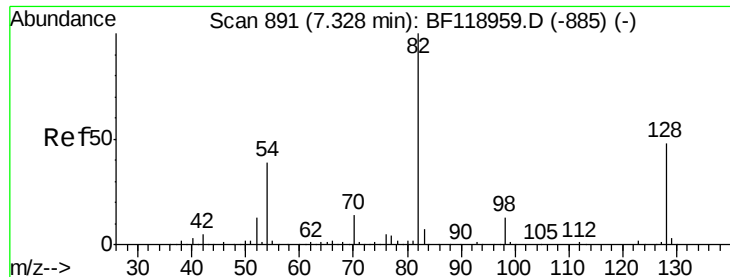
mohammad
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#22
Acetophenone
Concen: 48.746 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		494075		
71	5.7		3.0	4.4#	
51	20.7		20.1	30.1	
120	22.3		18.0	27.0	





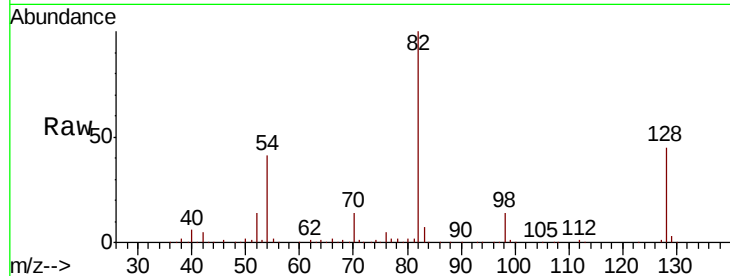
#23
Nitrobenzene-d5
Concen: 76.655 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Instrument :
BNA_F
ClientSampleId :
PB127239BS

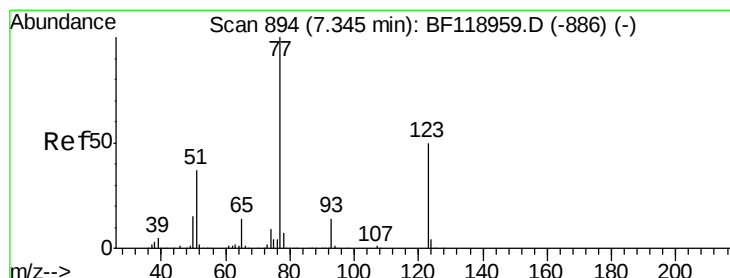
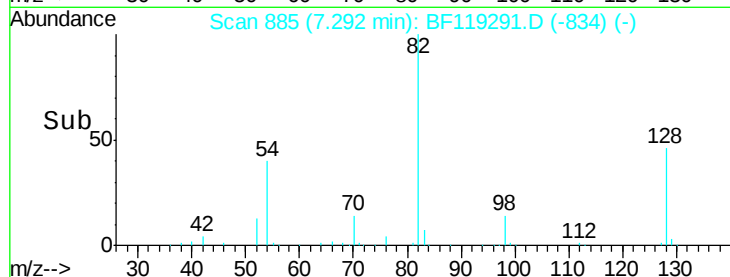
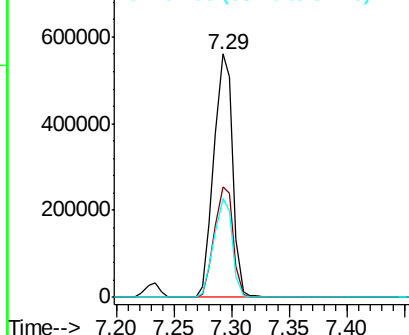
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	37.9	56.9
54	40.9	33.4	50.2

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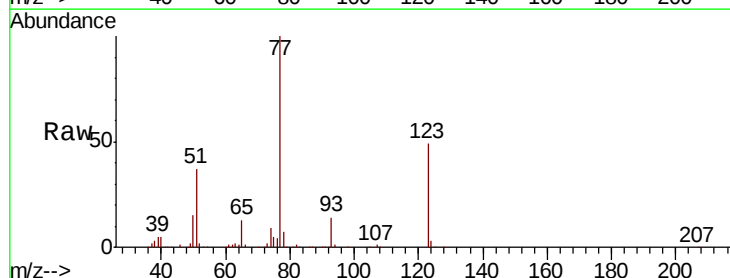


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

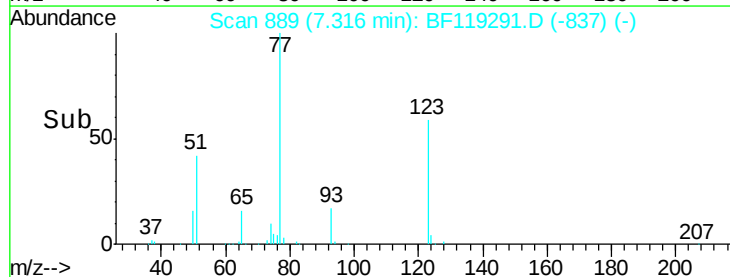
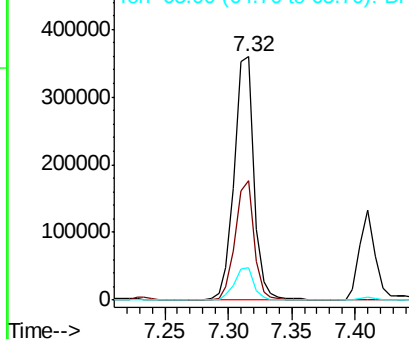


#24
Nitrobenzene
Concen: 46.682 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.3	40.2	60.2
65	13.3	10.8	16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





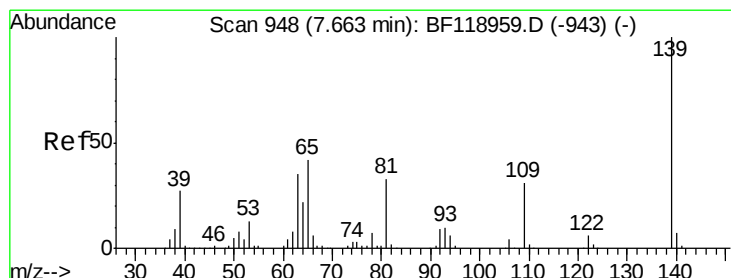
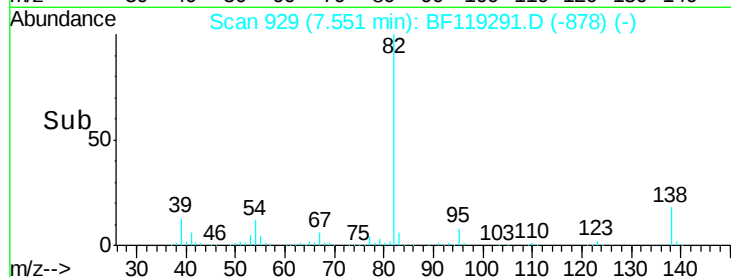
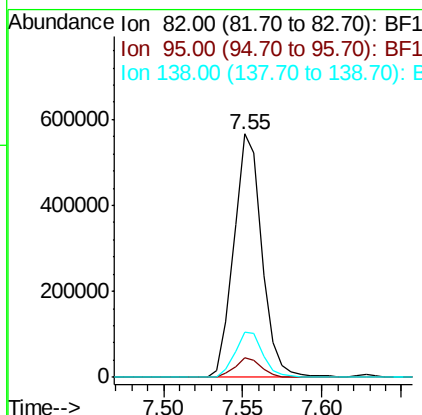
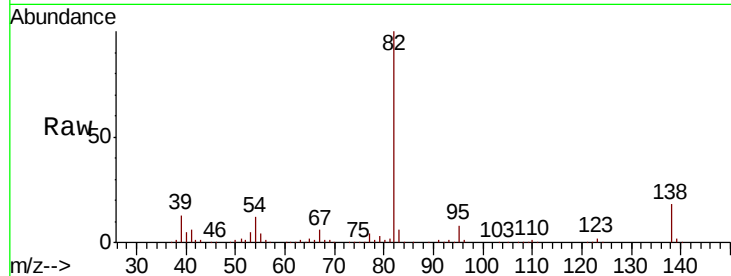
#25
Isophorone
Concen: 48.200 ng
RT: 7.55 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	694508		
95	8.0		6.4	9.6
138	18.3		15.7	23.5

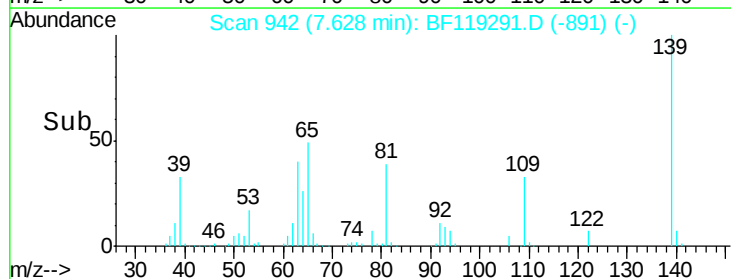
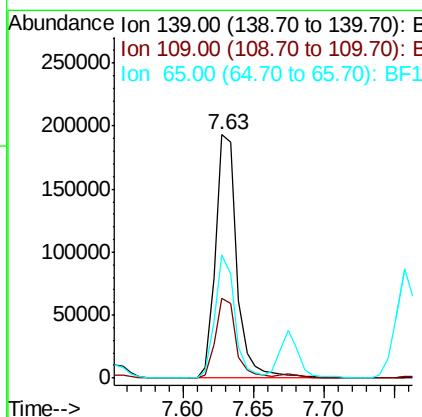
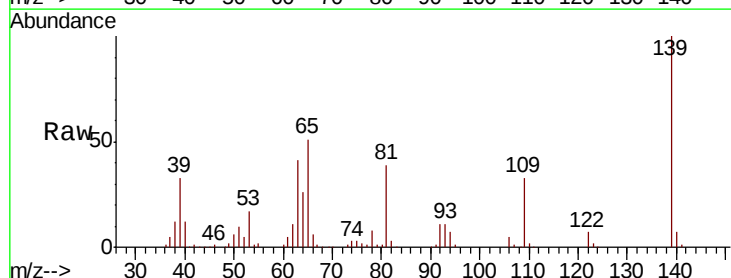
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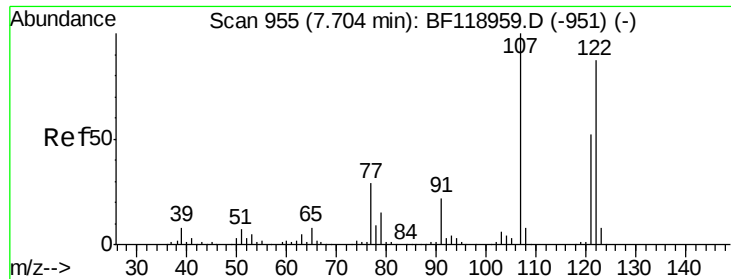
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#26
2-Nitrophenol
Concen: 47.031 ng
RT: 7.63 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	204454		
109	32.8		25.7	38.5
65	50.9		37.1	55.7





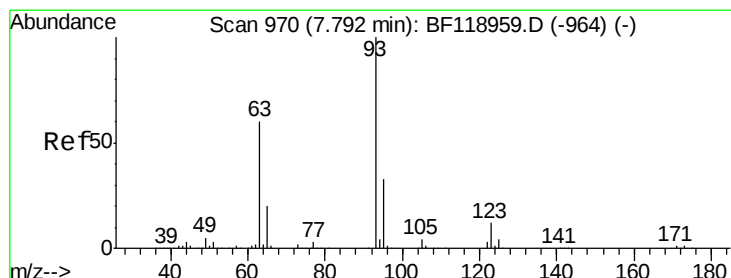
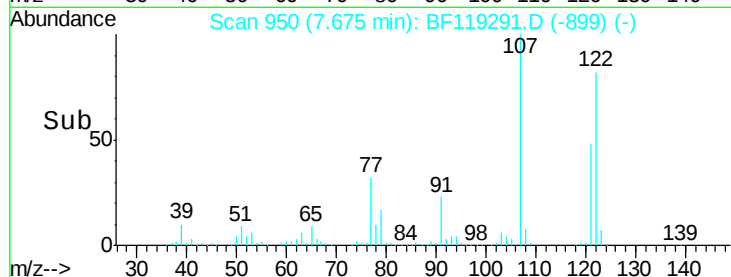
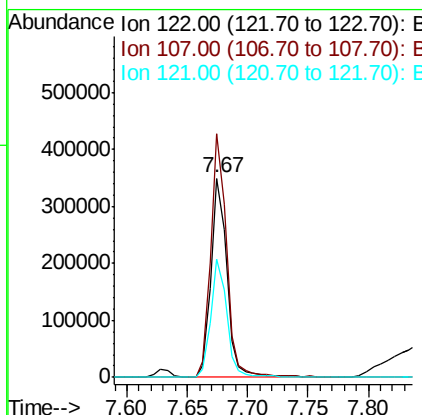
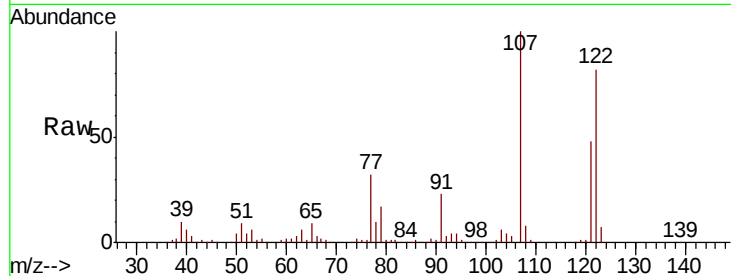
#27
2,4-Dimethylphenol
Concen: 53.955 ng
RT: 7.67 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	122.2	93.8	140.6		
121	59.0	48.2	72.2		

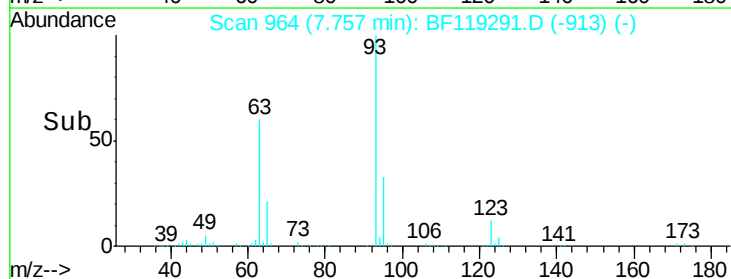
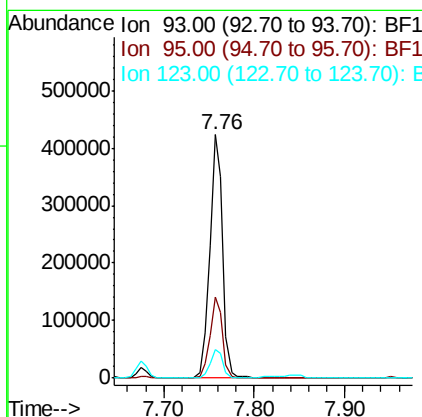
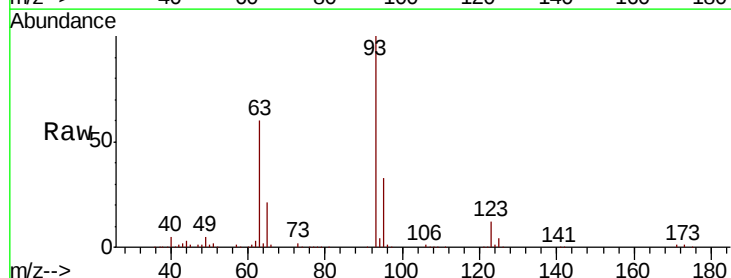
Manual Integrations
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#28
bis(2-Chloroethoxy)methane
Concen: 45.033 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	33.1	26.5	39.7		
123	11.6	10.2	15.2		





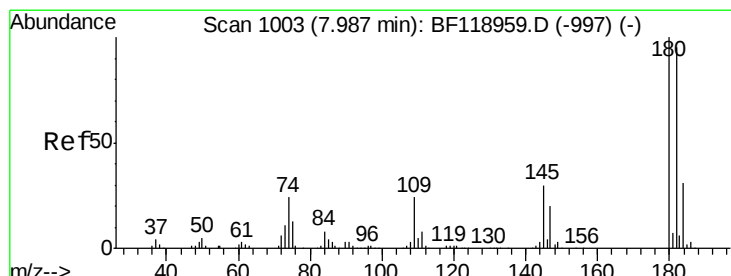
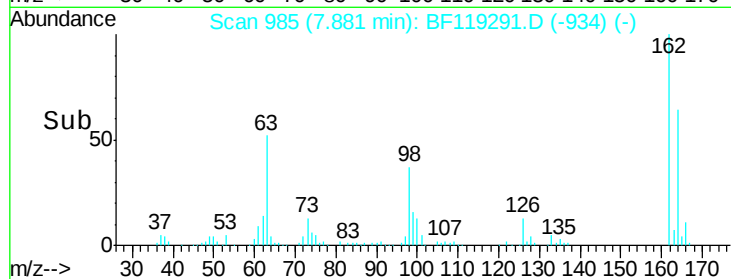
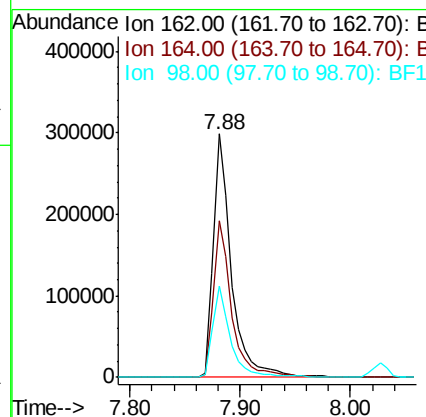
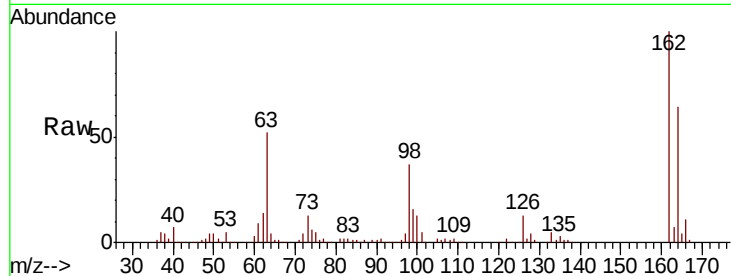
#29
2,4-Dichlorophenol
Concen: 47.850 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	332346		
164	64.2	45.2	85.2	
98	37.3	17.4	57.4	

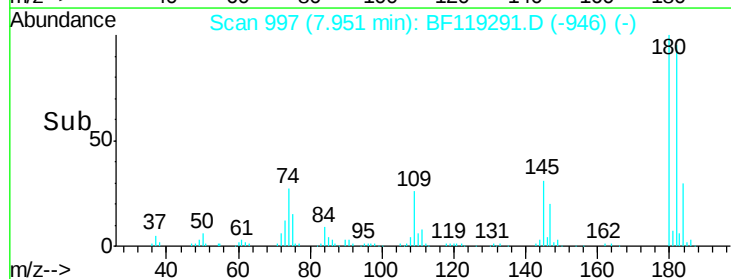
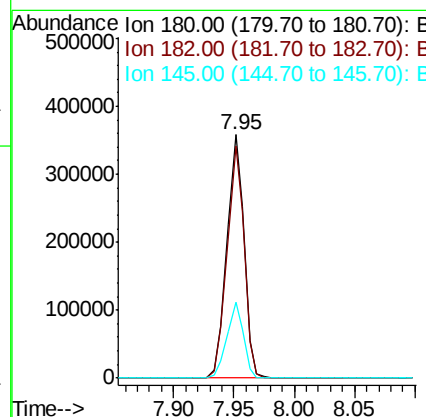
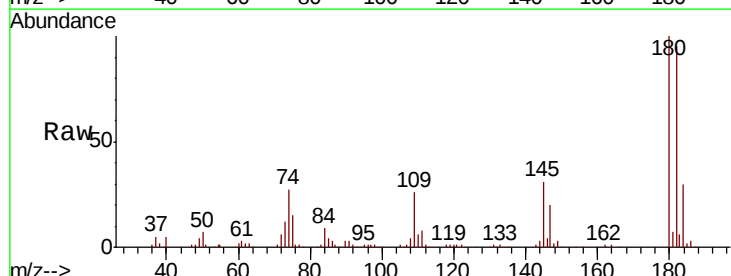
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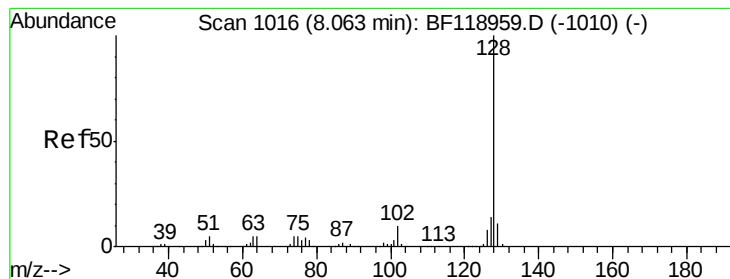
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 42.531 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	350247		
182	95.1	77.8	116.6	
145	31.1	25.2	37.8	





#31

Naphthalene

Concen: 46.146 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

Instrument :

BNA_F

ClientSampleId :

PB127239BS

Tot Ion:128 Resp: 1048391

Ion Ratio Lower Upper

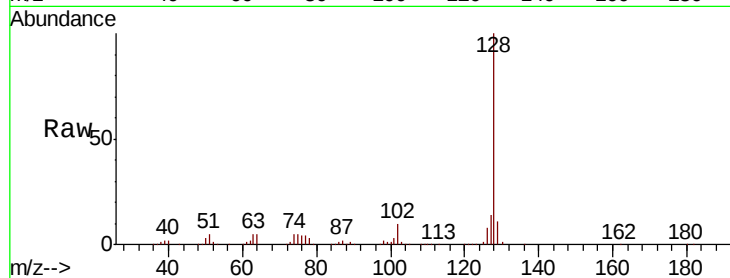
128 100

129 11.3 9.4 14.2

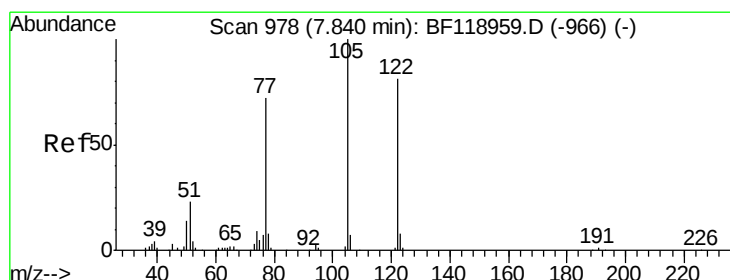
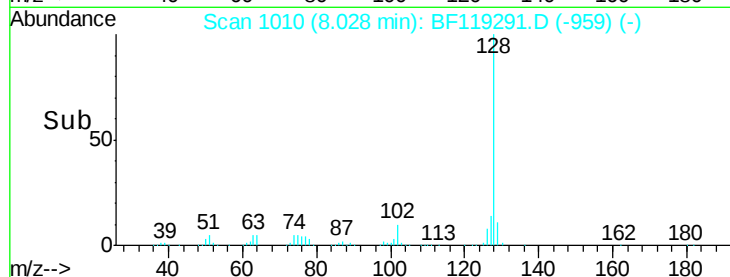
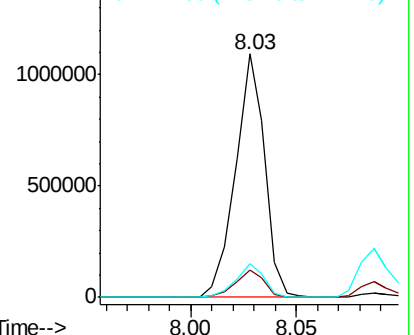
127 13.7 11.4 17.2

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Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.218 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

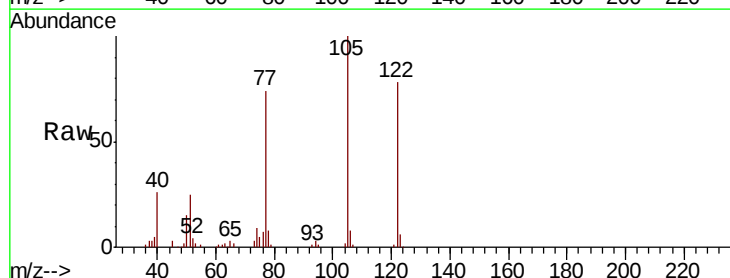
Tgt Ion:122 Resp: 162723

Ion Ratio Lower Upper

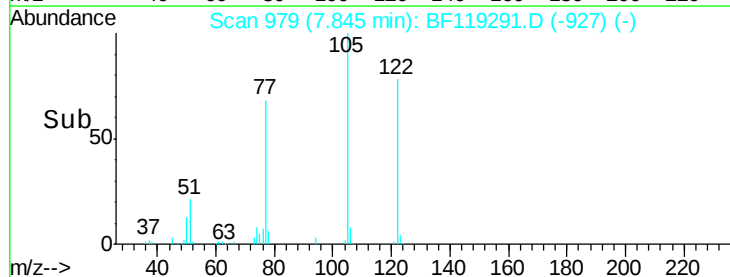
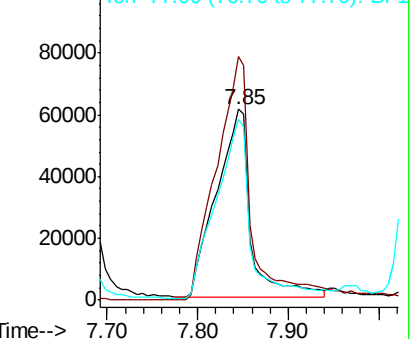
122 100

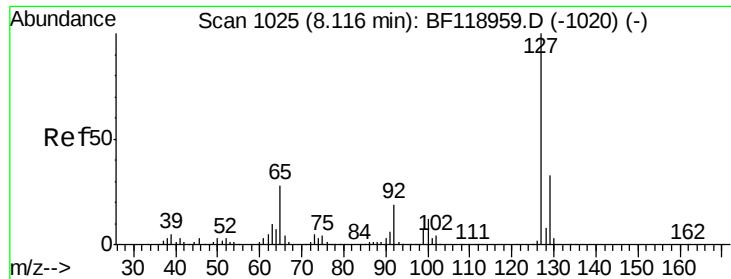
105 127.5 106.3 146.3

77 94.7 73.1 113.1



Abundance Ion 122.00 (121.70 to 122.70): E
100000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





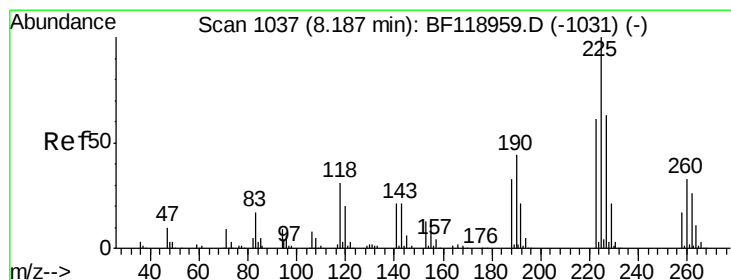
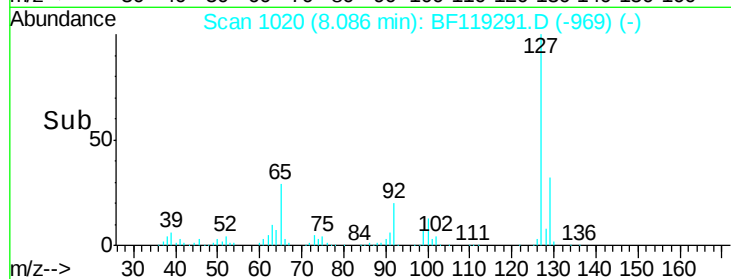
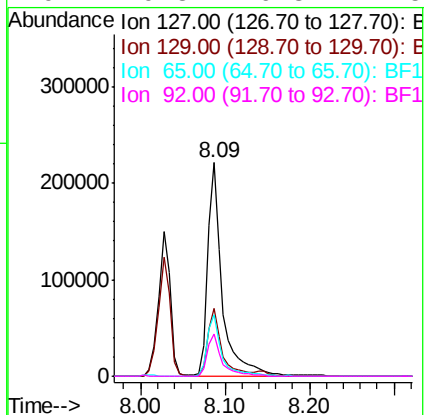
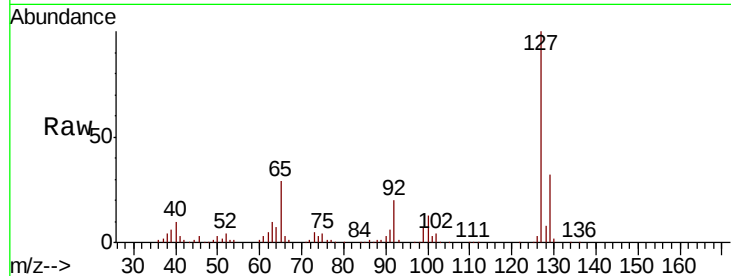
#33
4-Chloroaniline
Concen: 27.065 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	29.0	23.9	35.9
92	19.8	16.3	24.5

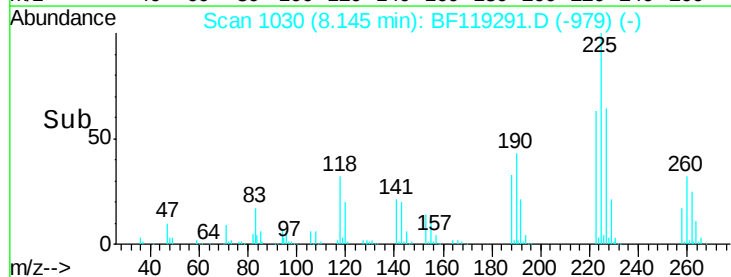
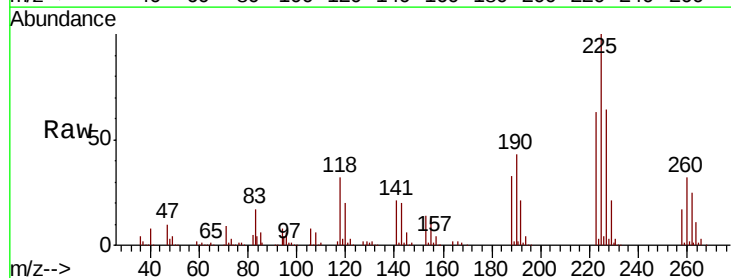
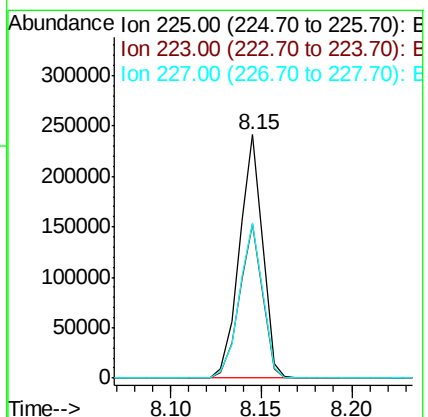
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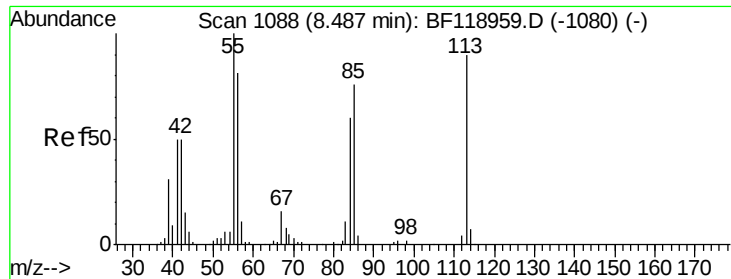
mohammad
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#34
Hexachlorobutadiene
Concen: 41.571 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.4	74.2
227	63.8	52.9	79.3





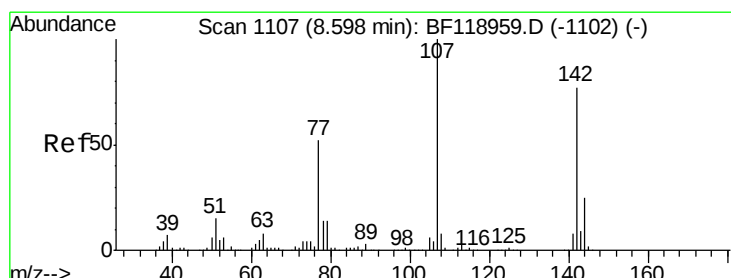
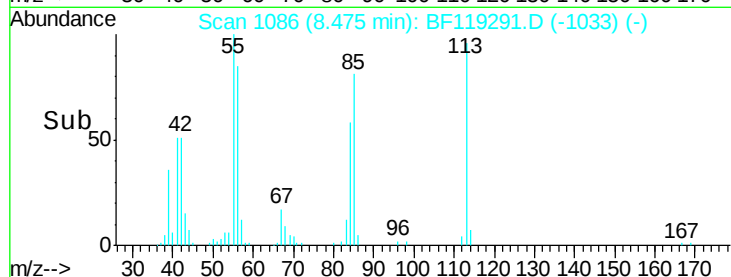
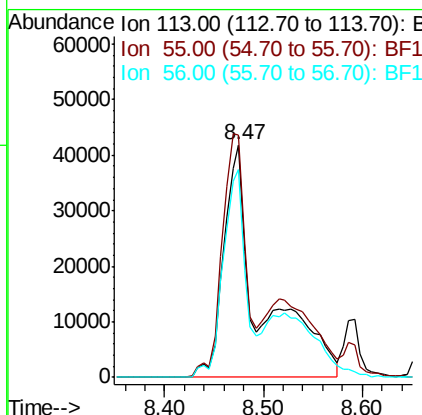
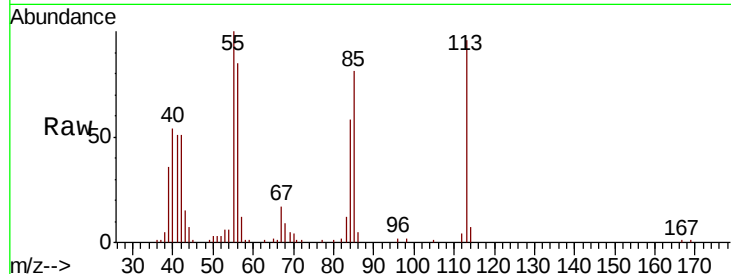
#35
 Caprolactam
 Concen: 50.583 ng/ml
 RT: 8.47 min Scan# 1086
 Delta R.T. 0.01 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB127239BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	104.4	95.7	135.7
56	89.2	73.1	113.1

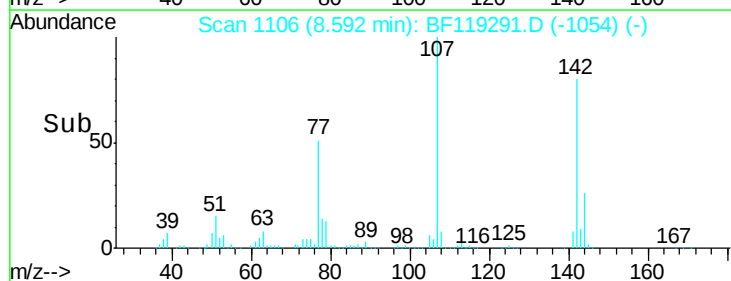
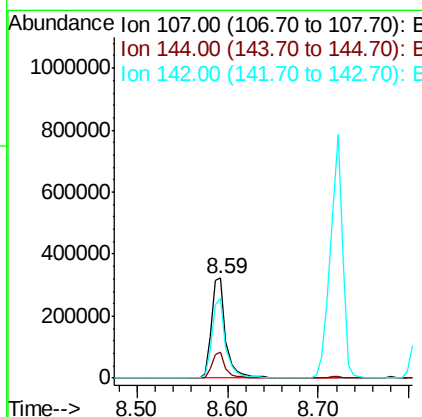
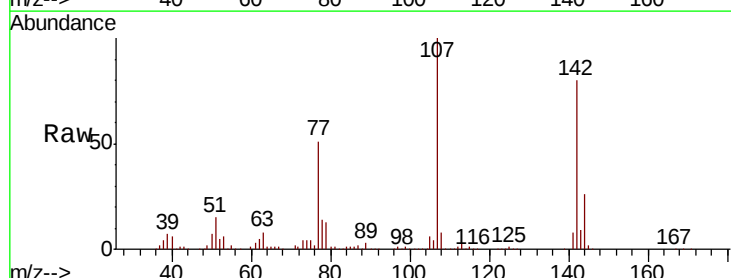
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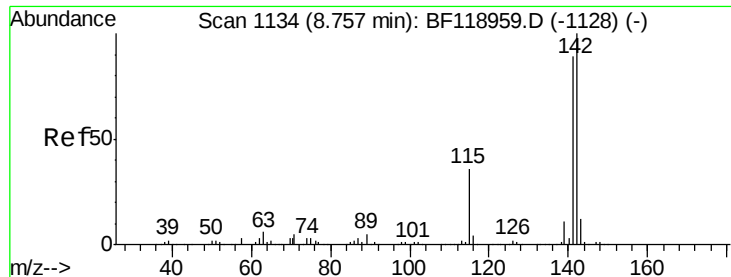
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#36
 4-Chloro-3-methylphenol
 Concen: 51.531 ng/ml
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.1	30.1
142	79.6	61.4	92.2





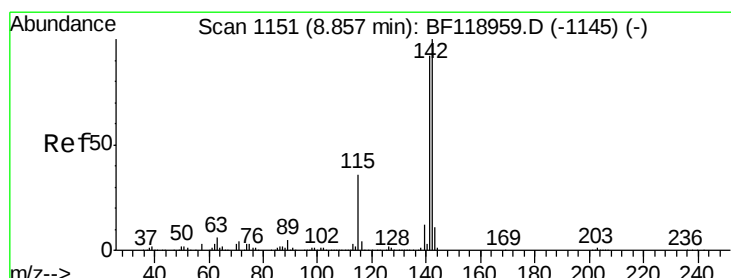
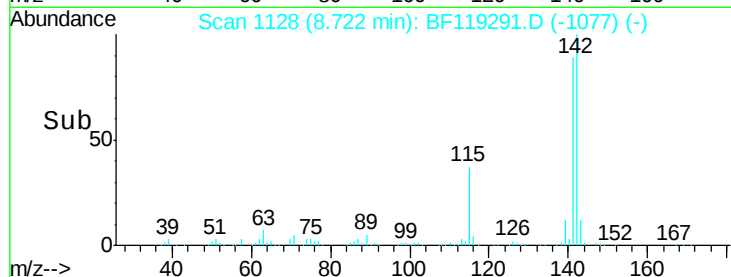
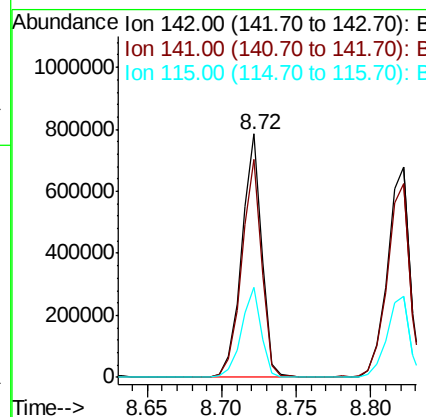
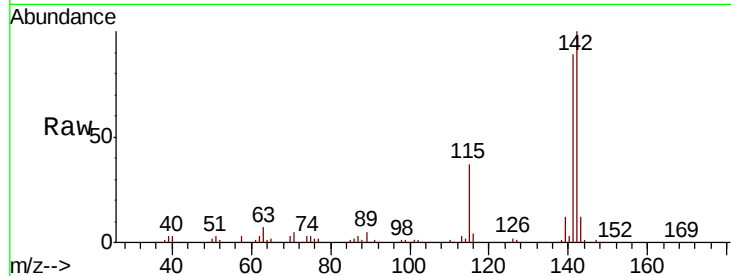
#37
2-Methylnaphthalene
Concen: 47.760 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.3	108.5
115	37.0	30.6	45.8

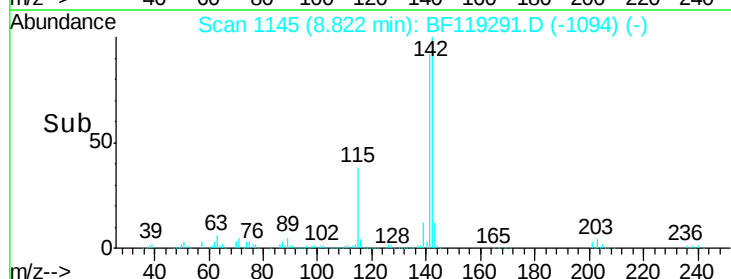
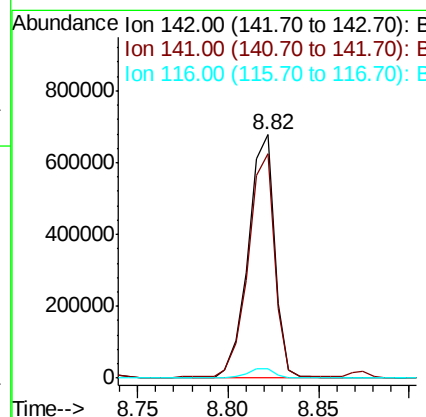
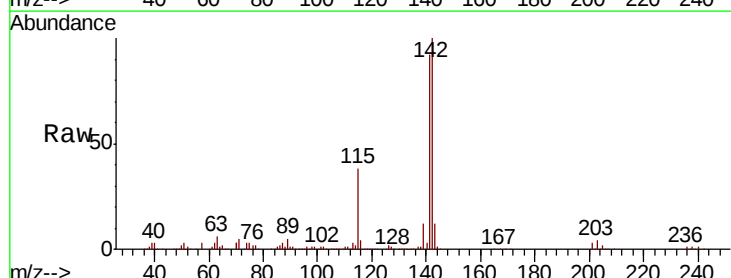
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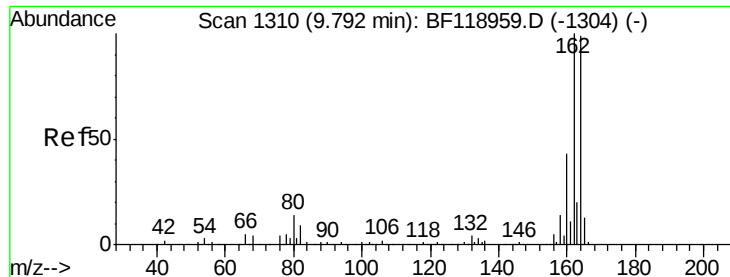
mohammad
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#38
1-Methylnaphthalene
Concen: 47.614 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	75.8	113.6
116	3.8	3.1	4.7





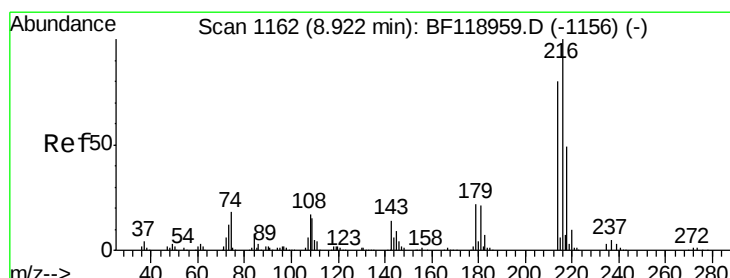
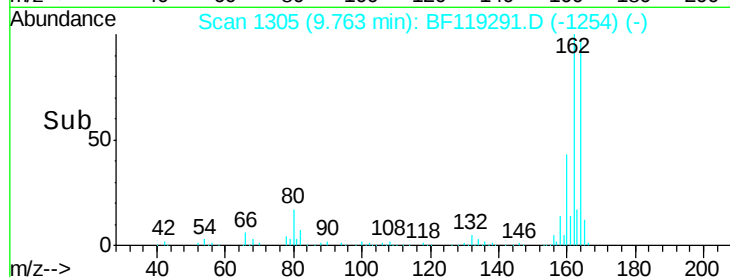
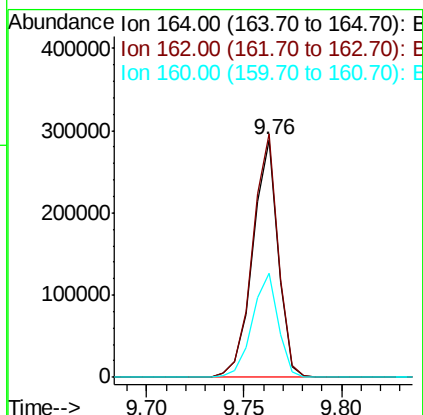
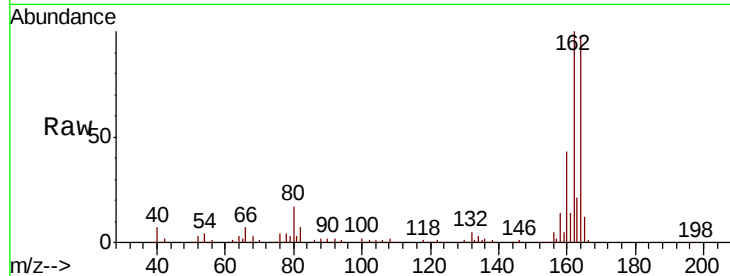
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.8	122.8
160	44.0	36.0	54.0

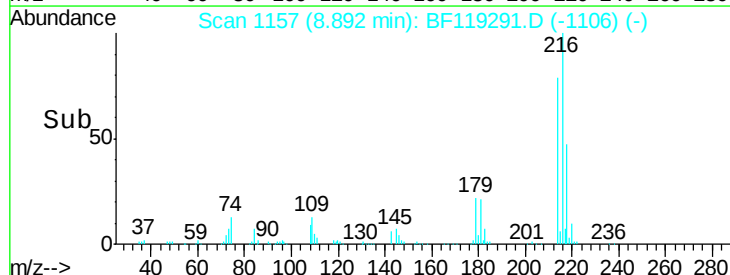
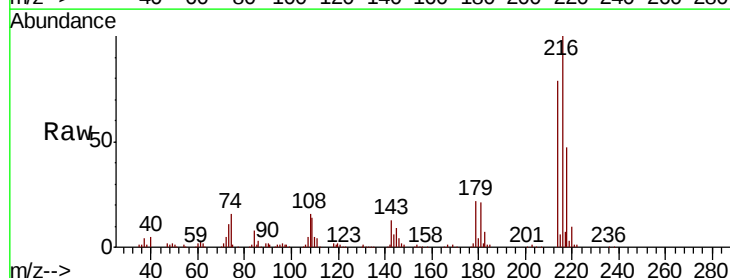
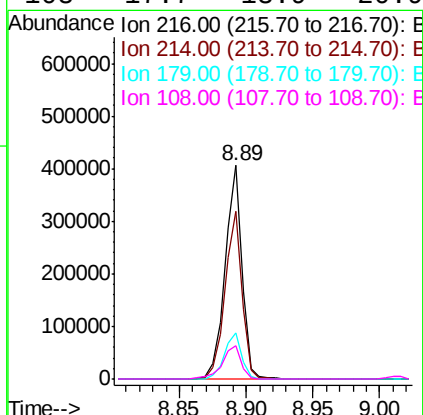
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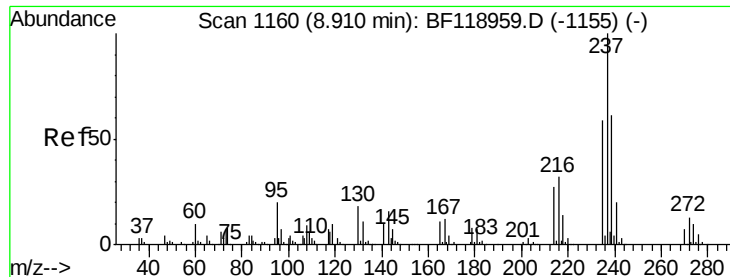
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.693 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.3	94.9
179	21.9	17.7	26.5
108	17.7	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 45.130 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

Instrument :

BNA_F

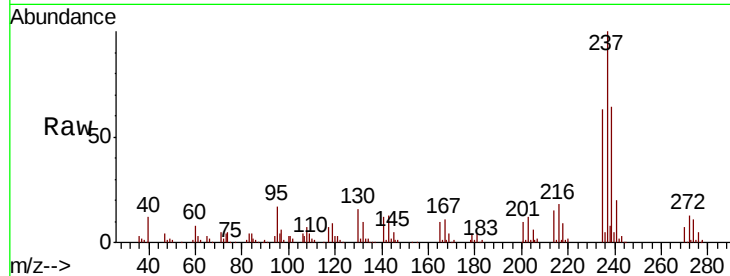
ClientSampleId :

PB127239BS

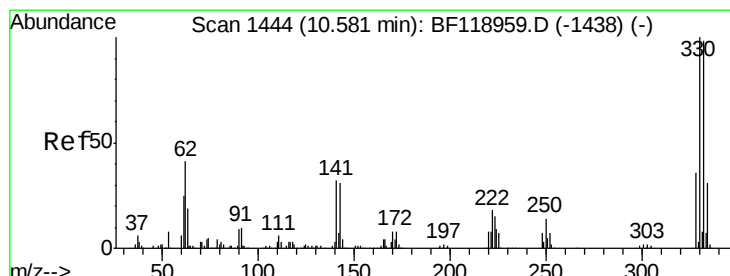
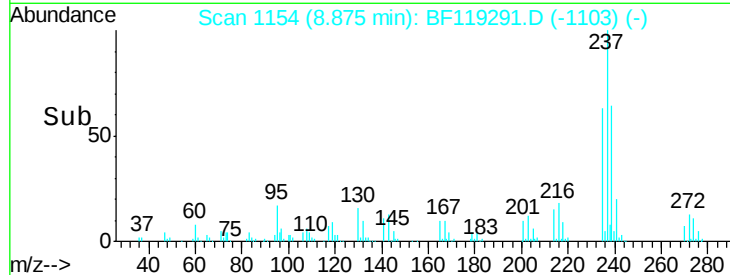
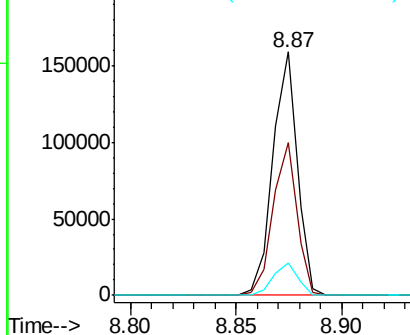
Tot Ion:	237	Resp:	128734
Ion Ratio	Lower	Upper	
237	100		
235	62.8	42.3	82.3
272	13.3	0.0	33.5

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



#42

2,4,6-Tribromophenol

Concen: 123.701 ng

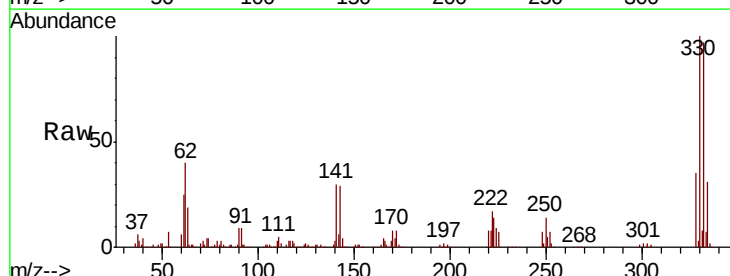
RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

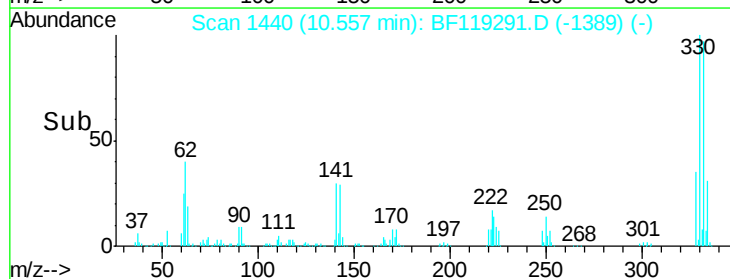
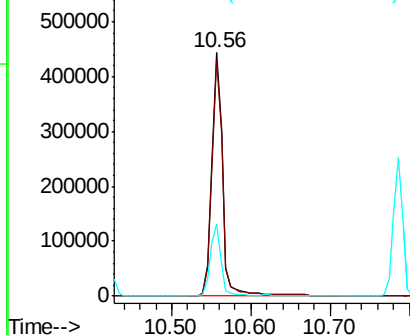
Lab File: BF119291.D

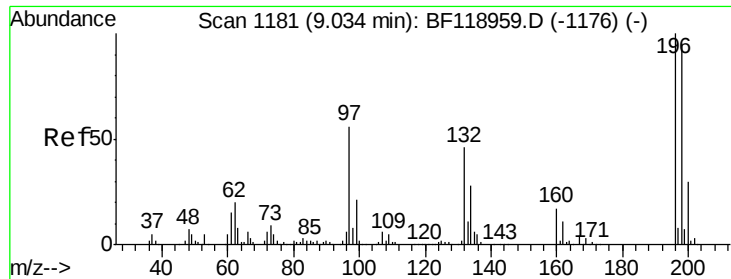
Acq: 9 Mar 2020 18:53

Tgt Ion:	330	Resp:	419224
Ion Ratio	Lower	Upper	
330	100		
332	96.4	76.0	114.0
141	28.9	22.9	34.3



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





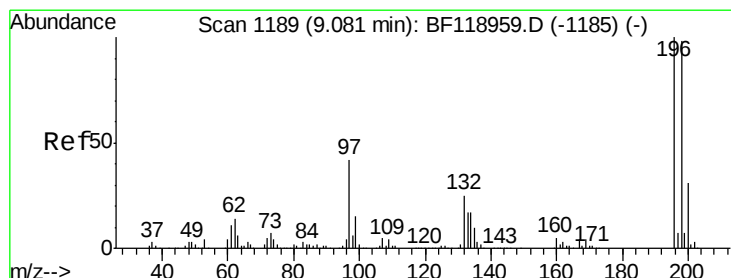
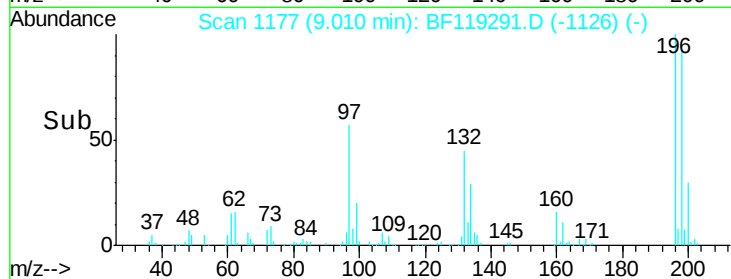
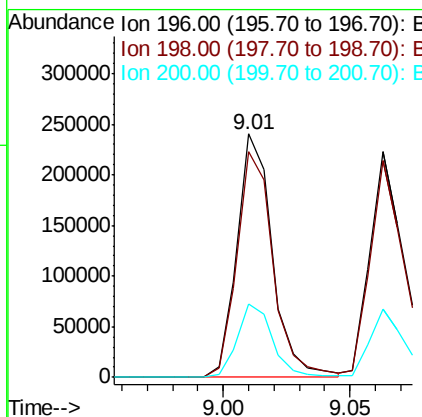
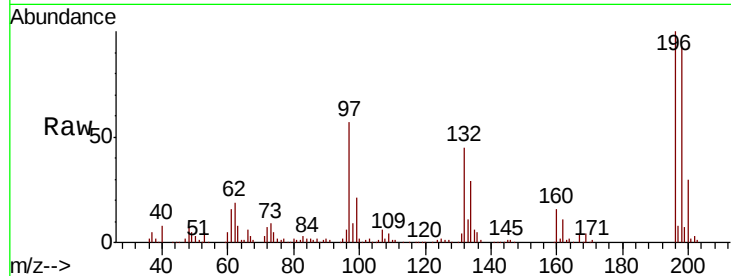
#43
 2,4,6-Trichlorophenol
 Concen: 42.282 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Instrument :
 BNA_F
 ClientSampleID :
 PB127239BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	233224		
198	92.9	77.1	115.7	
200	30.1	25.0	37.6	

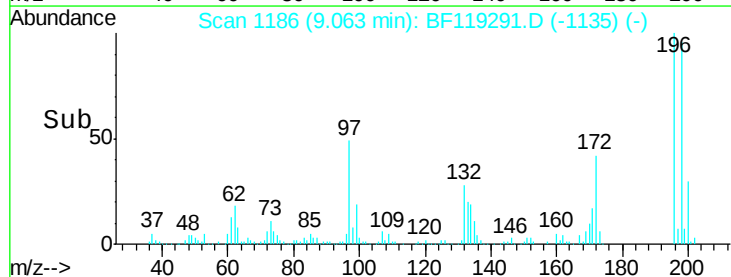
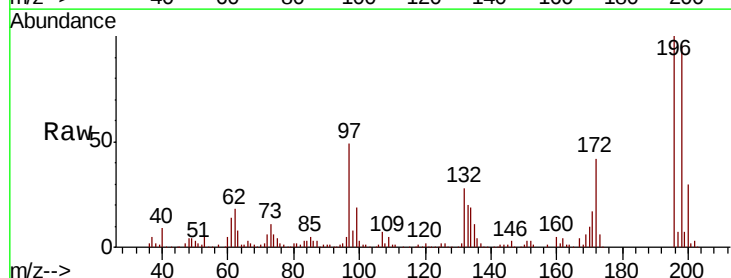
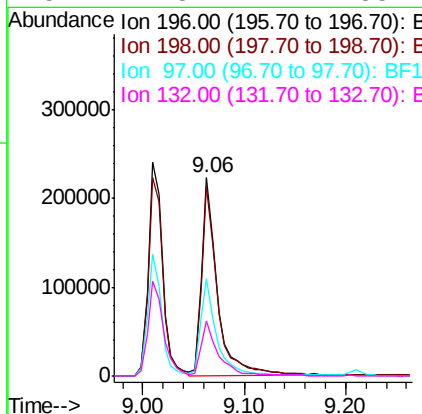
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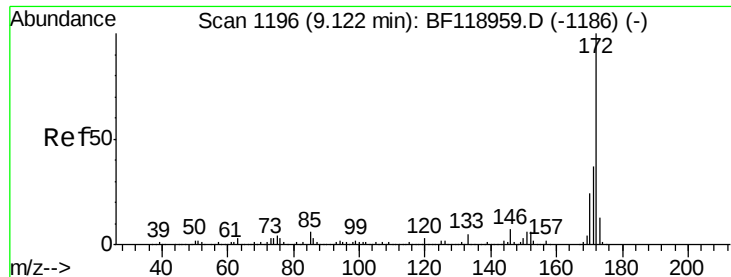
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#44
 2,4,5-Trichlorophenol
 Concen: 41.728 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	241527		
198	95.7	76.8	115.2	
97	48.9	38.5	57.7	
132	27.8	22.2	33.4	





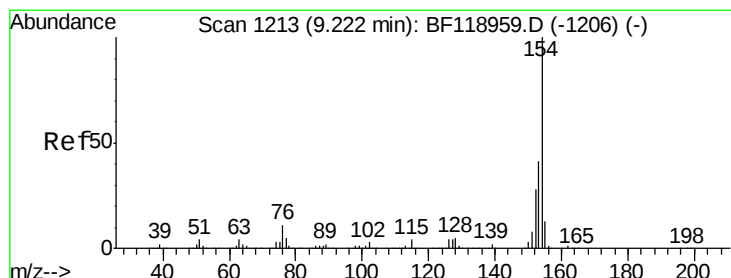
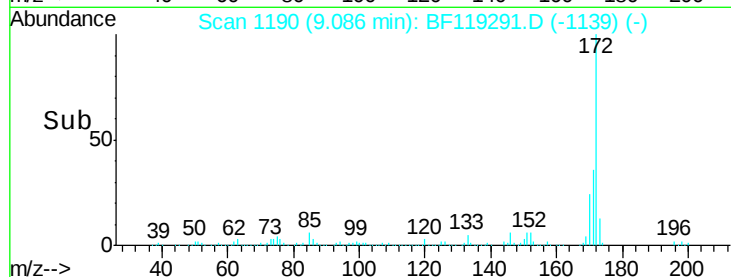
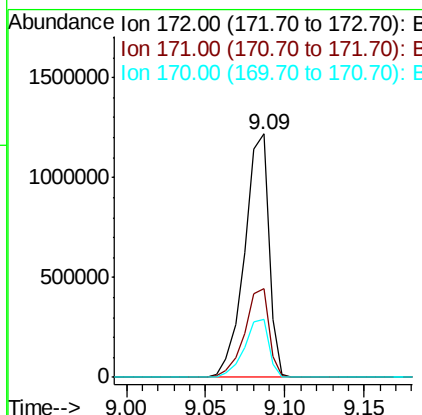
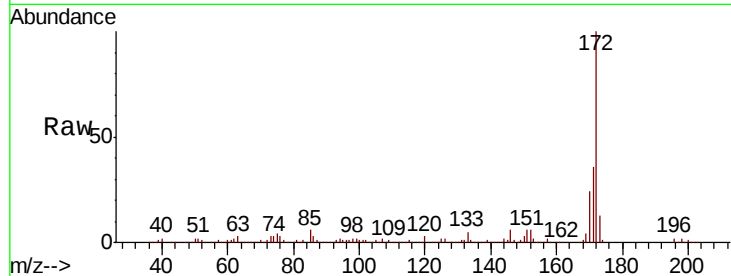
#45
2-Fluorobiphenyl
Concen: 73.792 ng
RT: 9.09 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.6	45.8
170	24.0	20.2	30.2

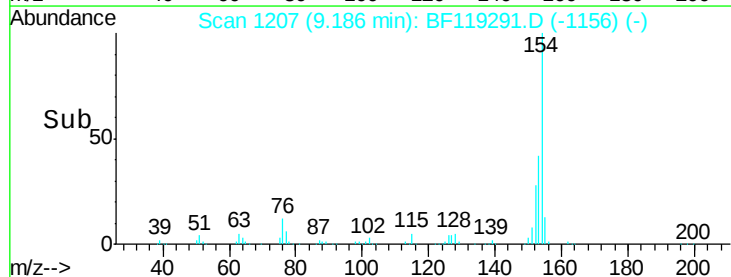
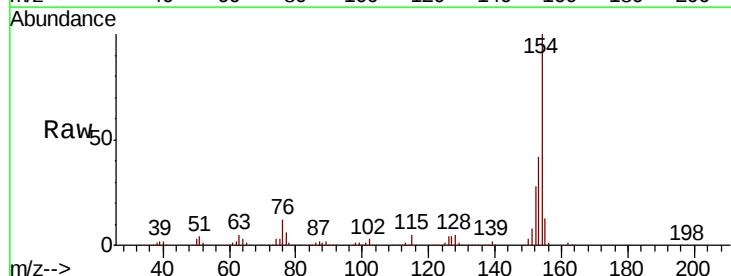
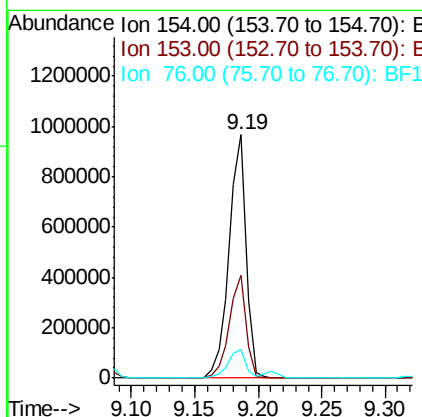
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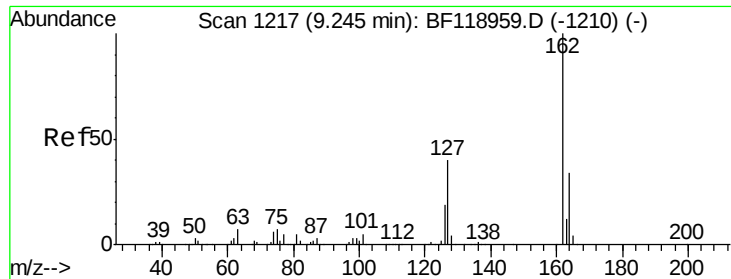
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#46
1,1'-Biphenyl
Concen: 42.803 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.8	62.8
76	11.6	0.0	32.2





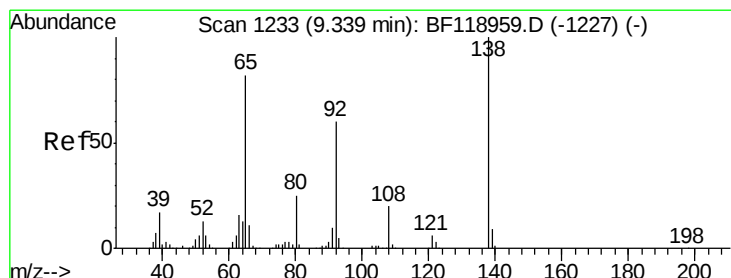
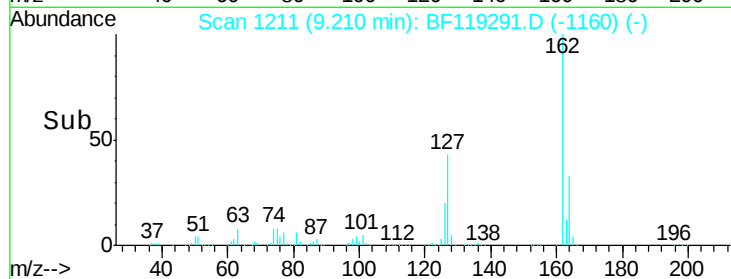
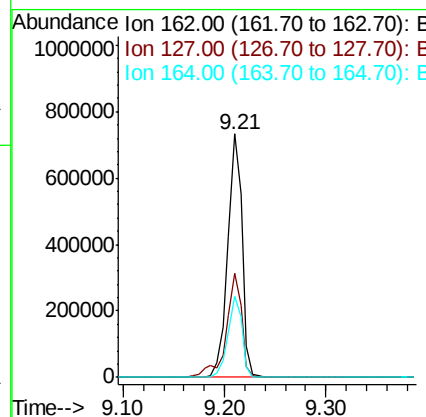
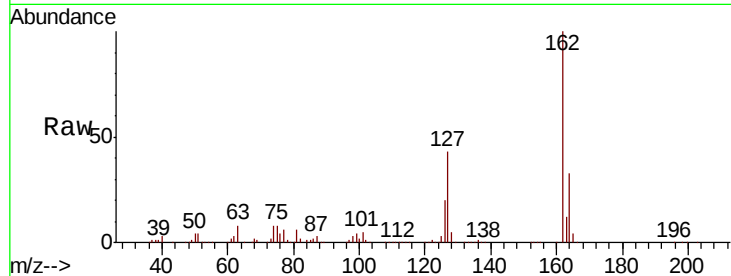
#47
 2-Chloronaphthalene
 Concen: 42.562 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB127239BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	718131		
127	42.9	35.0	52.4	
164	33.1	27.2	40.8	

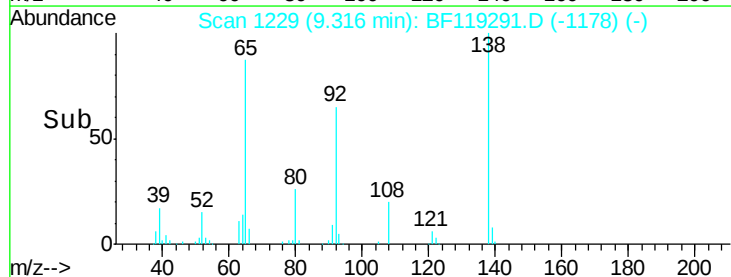
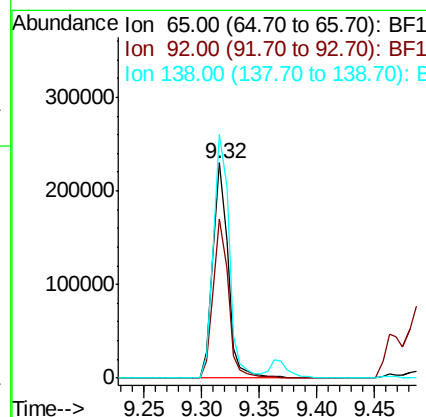
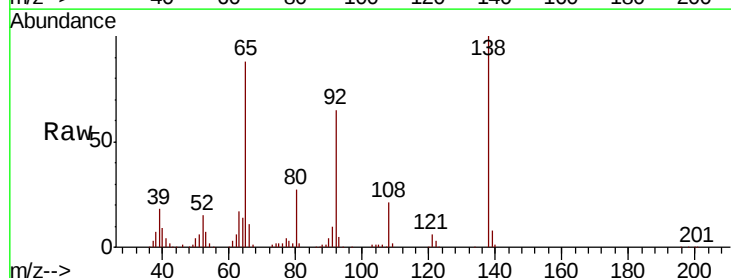
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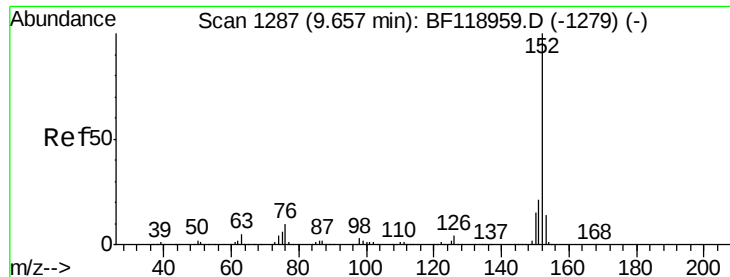
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#48
 2-Nitroaniline
 Concen: 45.284 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	213112		
92	73.7	58.2	87.2	
138	113.1	95.6	143.4	





#49

Acenaphthylene

Concen: 44.649 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.01 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

Instrument :

BNA_F

ClientSampled :

PB127239BS

Tot Ion:152 Resp: 1088052

Ion Ratio Lower Upper

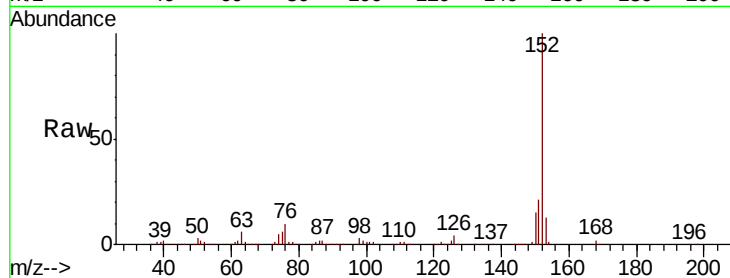
152 100

151 21.1 16.9 25.3

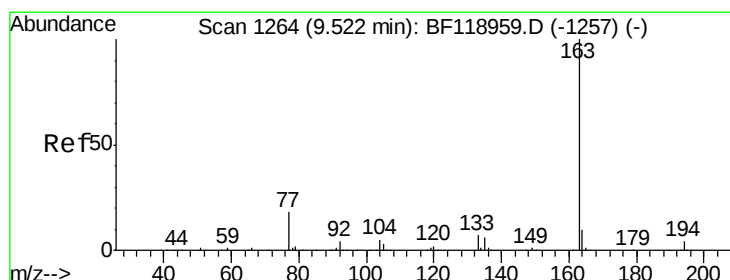
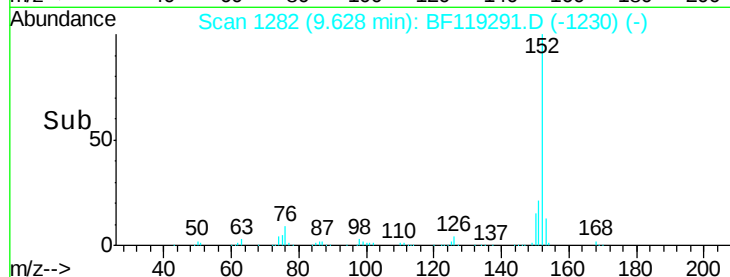
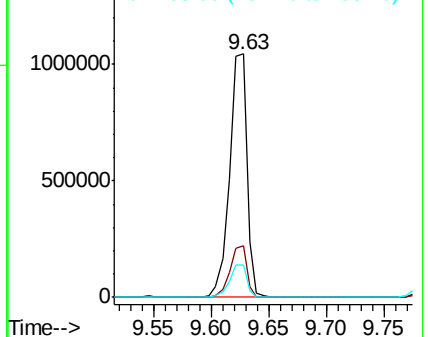
153 13.2 11.0 16.6

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.947 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

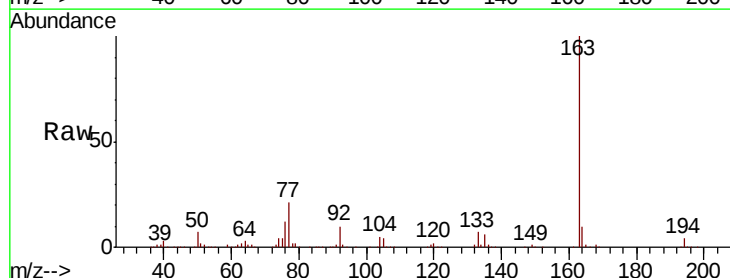
Tgt Ion:163 Resp: 890418

Ion Ratio Lower Upper

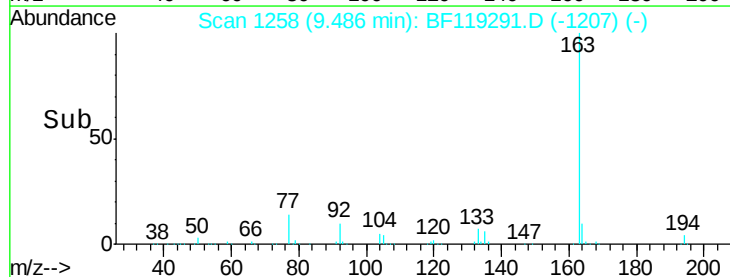
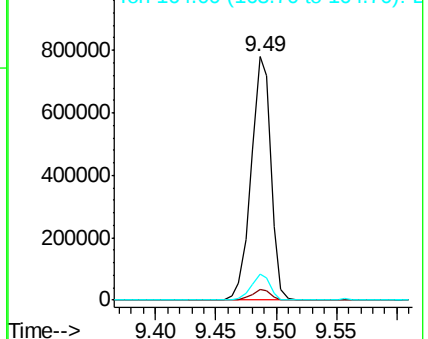
163 100

194 4.4 3.5 5.3

164 10.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.355 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

Instrument :

BNA_F

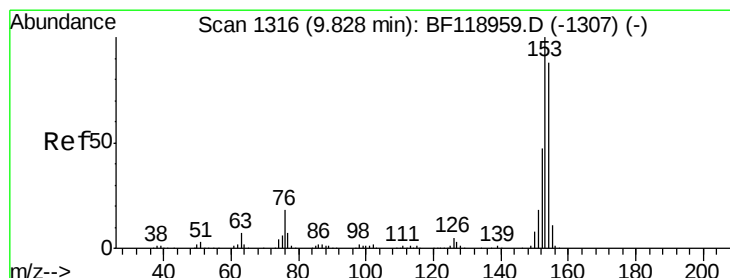
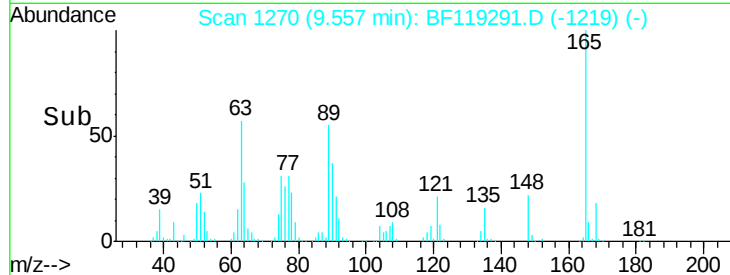
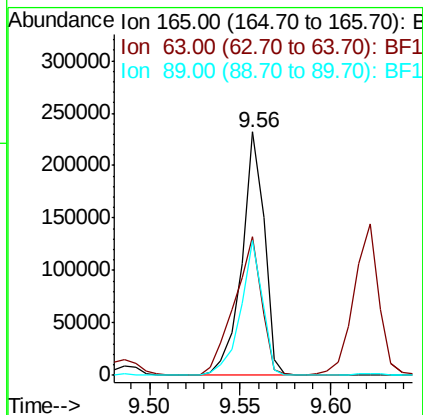
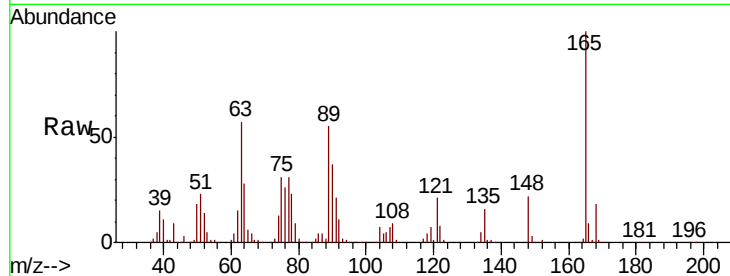
ClientSampleId :

PB127239BS

Tot Ion:	165	Resp:	199619
Ion Ratio	Lower	Upper	
165	100		
63	57.2	34.3	51.5#
89	55.4	38.3	57.5

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#52

Acenaphthene

Concen: 44.367 ng

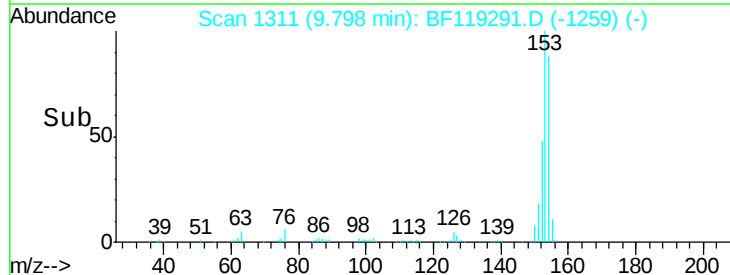
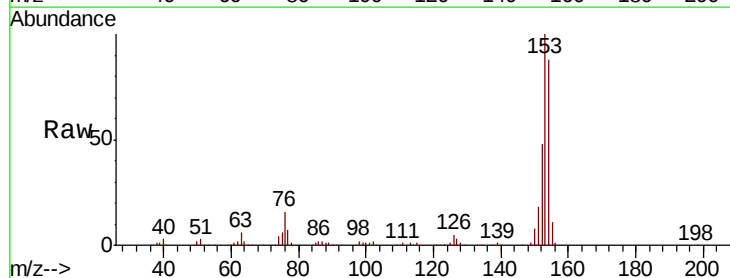
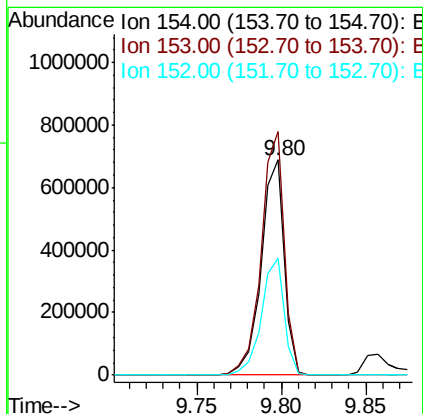
RT: 9.80 min Scan# 1311

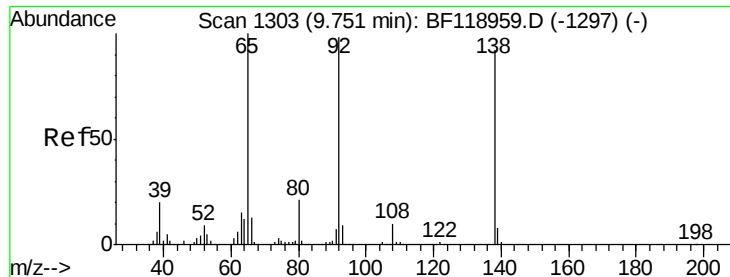
Delta R.T. 0.01 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

Tgt Ion:	154	Resp:	651940
Ion Ratio	Lower	Upper	
154	100		
153	113.0	90.3	135.5
152	54.3	43.8	65.8





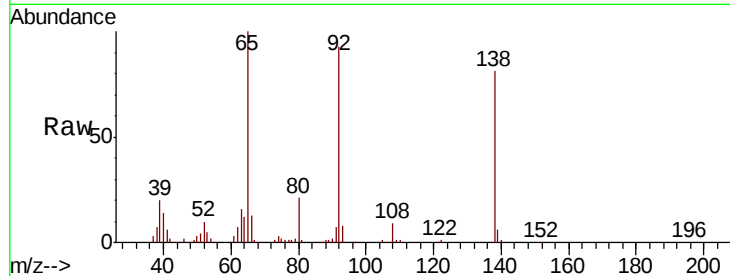
#53
3-Nitroaniline
Concen: 28.979 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.8	13.2
92	114.4	84.8	127.2

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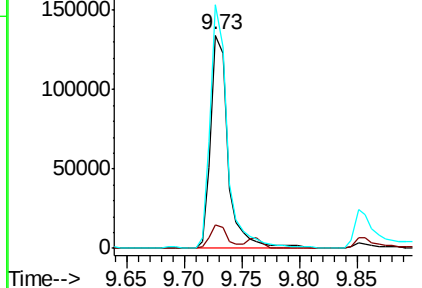


Abundance

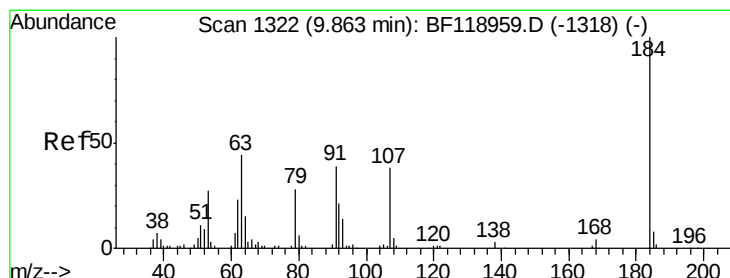
Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

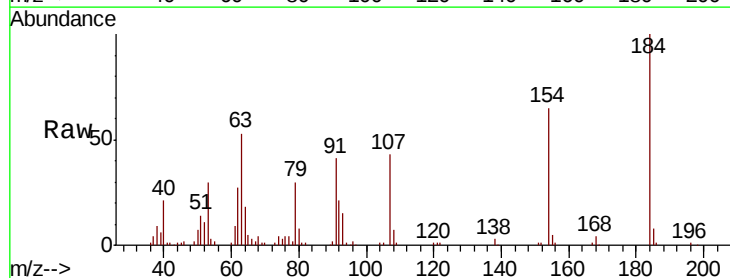


Time-->



#54
2,4-Dinitrophenol
Concen: 69.093 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.8	38.7	58.1
154	65.1	49.7	74.5

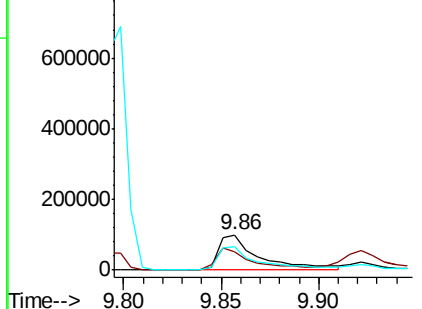


Abundance

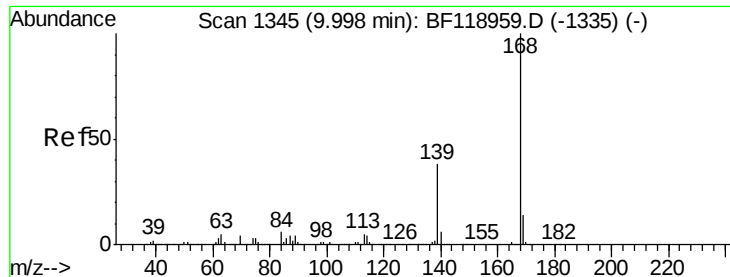
Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



Time-->



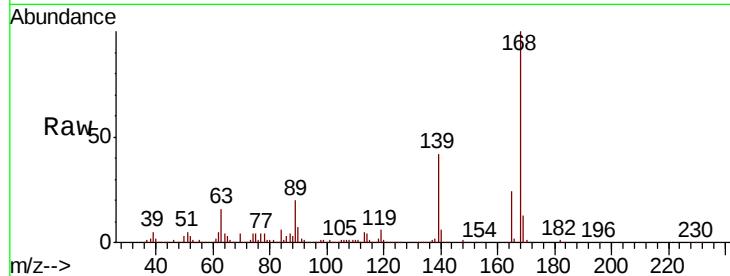
#55
Dibenzofuran
Concen: 44.252 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.9	34.0	51.0
169	13.3	11.0	16.4

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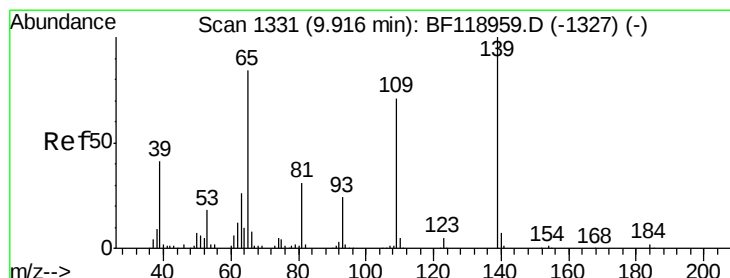
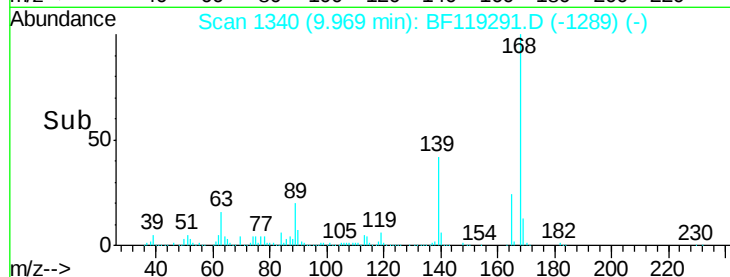
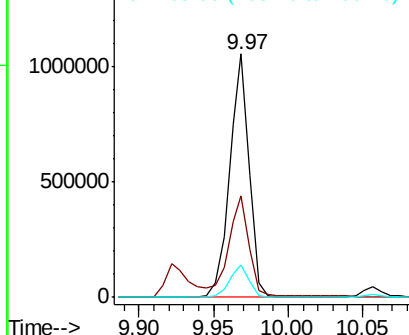


Abundance

Ion 168.00 (167.70 to 168.70): E

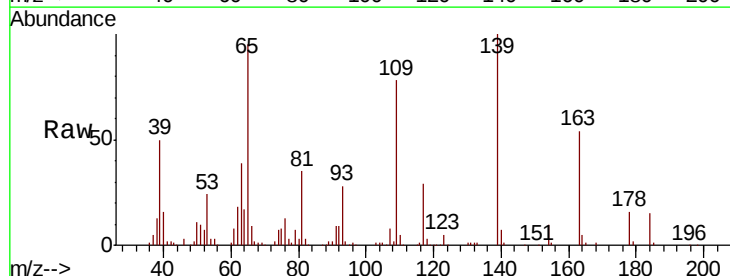
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 57.293 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.1	56.7	96.7
65	95.2	65.0	105.0

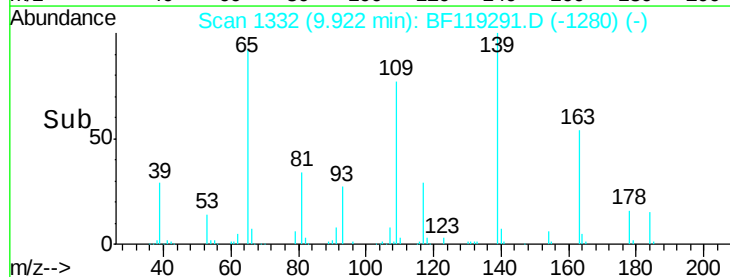
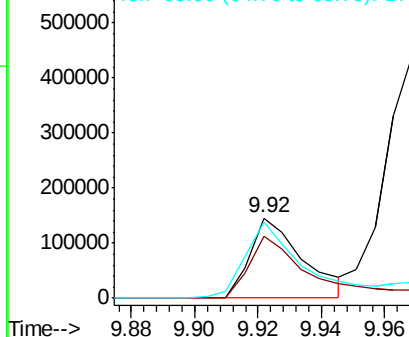


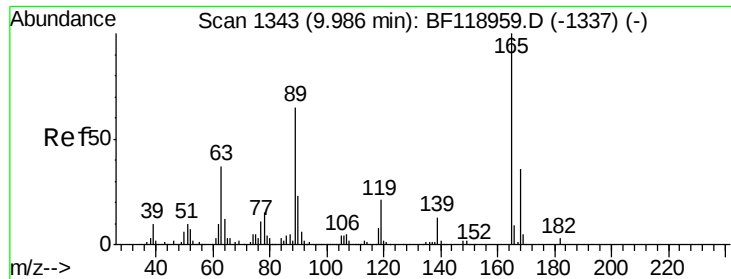
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





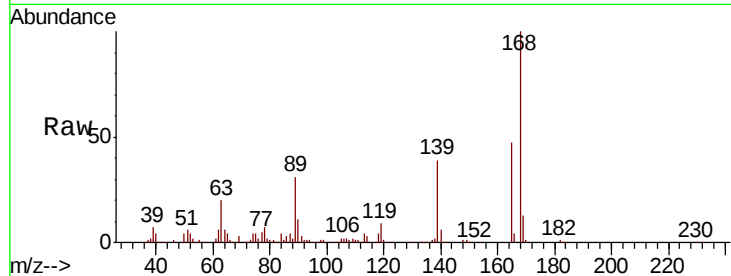
#57
2,4-Dinitrotoluene
Concen: 44.382 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Instrument :
BNA_F
ClientSampleId :
PB127239BS

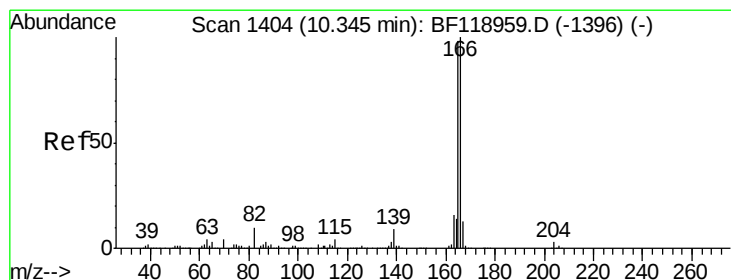
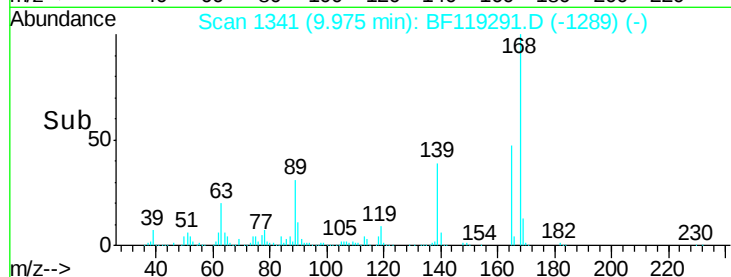
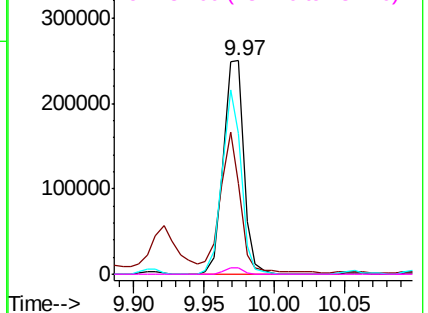
Tot Ion	Ratio	Resp	Lower	Upper
165	100	253195		
63	42.4		42.3	63.5
89	65.9		60.2	90.4
182	3.0		2.3	3.5

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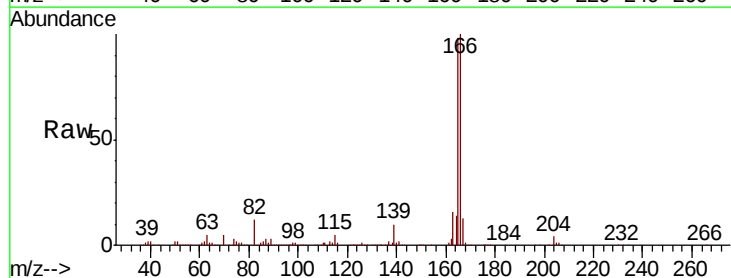


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

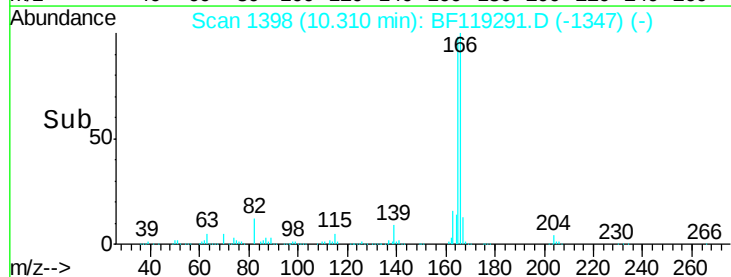
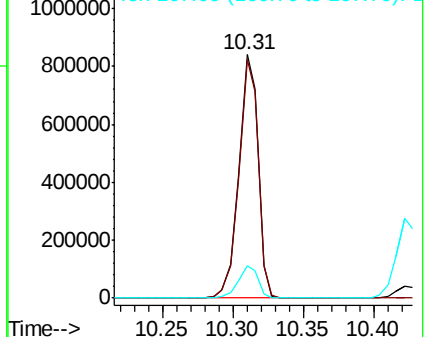


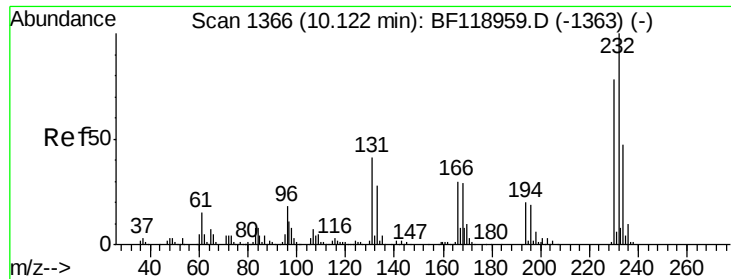
#58
Fluorene
Concen: 46.646 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	794978		
165	97.9		78.5	117.7
167	13.4		11.0	16.4



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





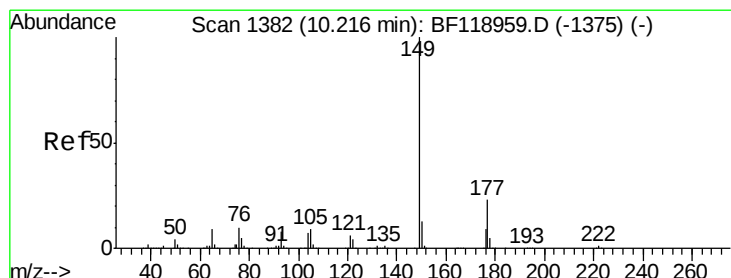
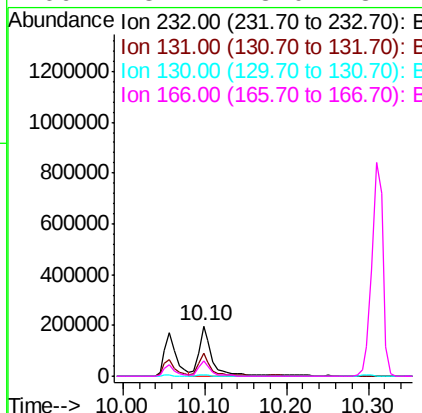
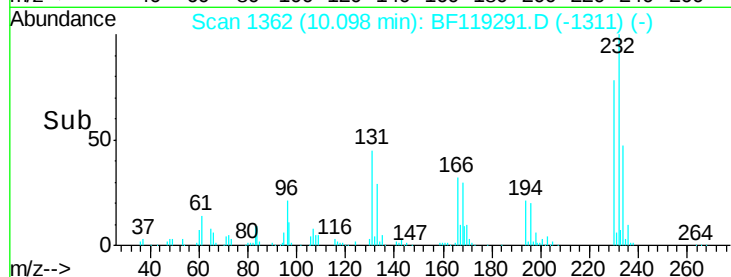
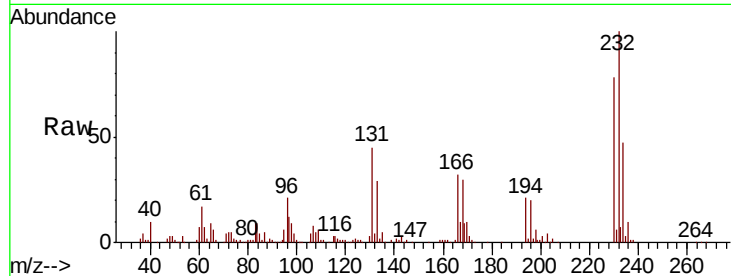
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.018 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.2	33.8	50.8
130	2.6	1.8	2.6
166	28.2	23.0	34.4

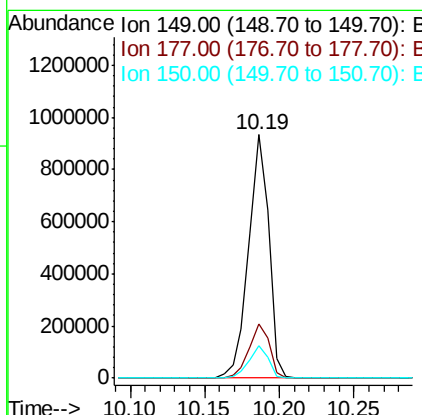
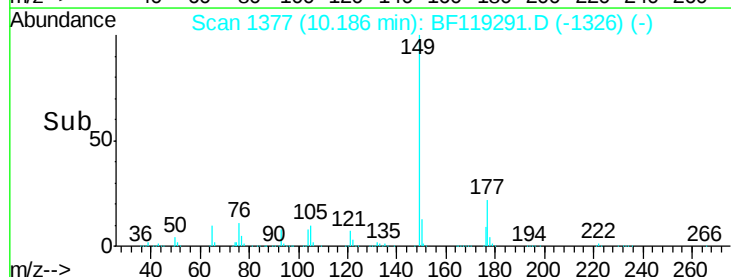
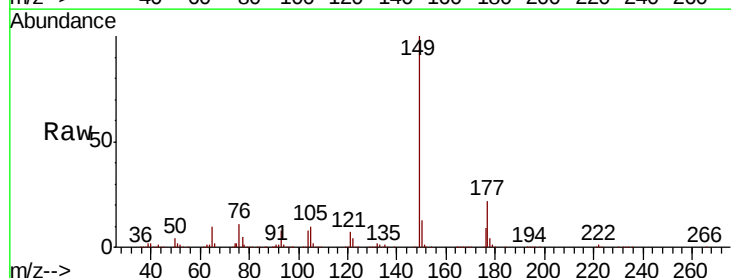
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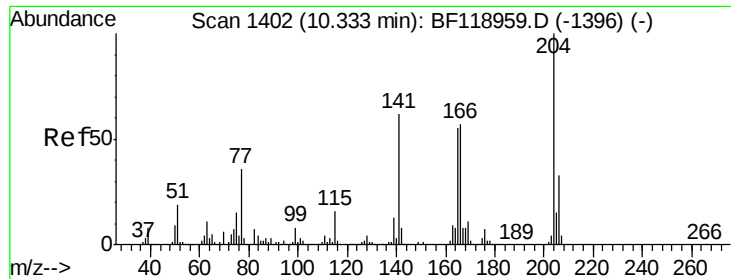
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#60
Diethylphthalate
Concen: 46.828 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	18.2	27.2
150	13.1	10.5	15.7





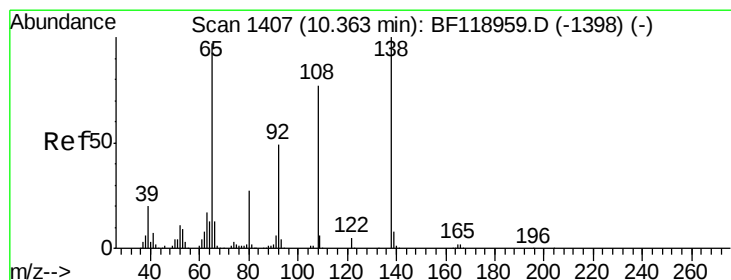
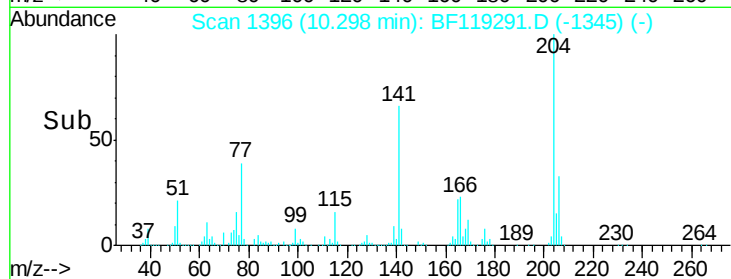
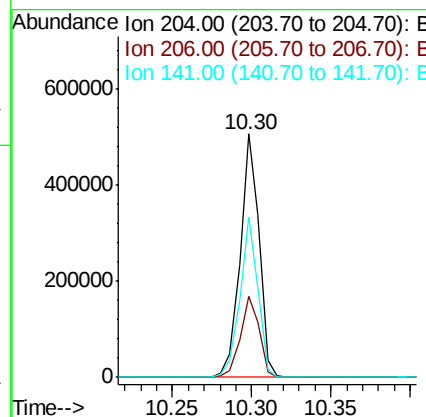
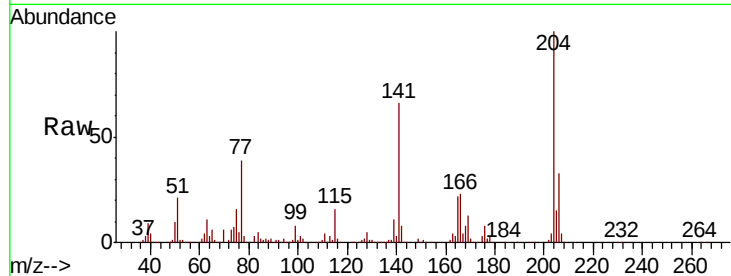
#61
4-Chlorophenyl-phenylether
Concen: 46.038 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	27.1	40.7
141	65.8	52.9	79.3

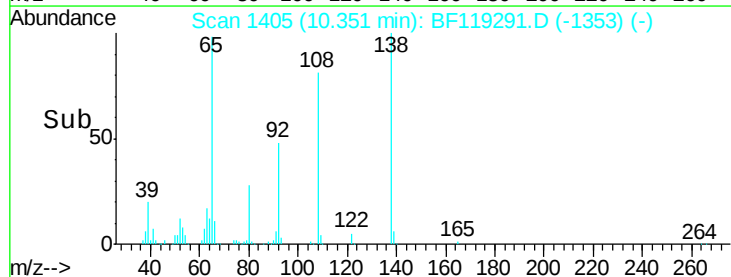
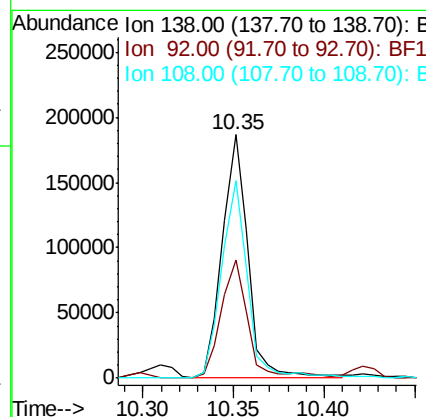
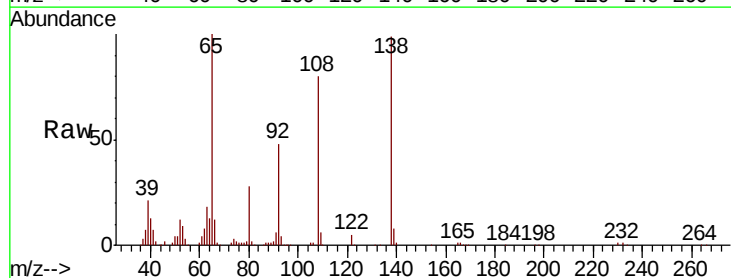
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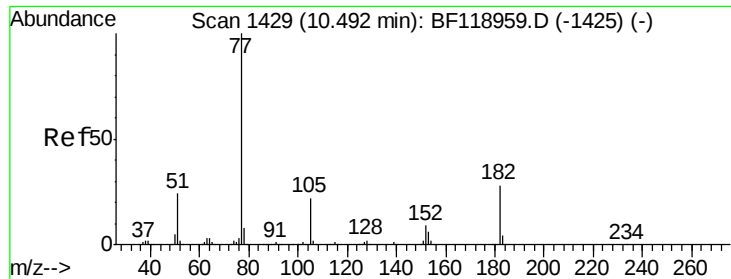
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#62
4-Nitroaniline
Concen: 37.101 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.5	27.3	67.3
108	81.1	57.0	97.0





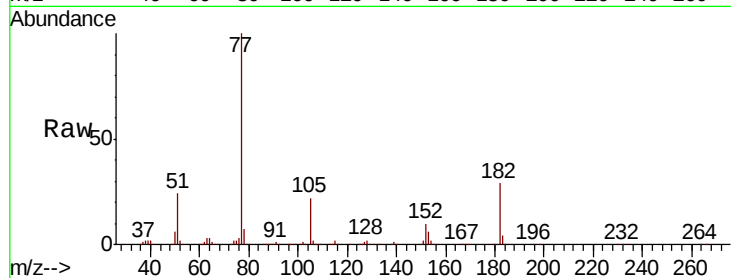
#63
Azobenzene
Concen: 48.323 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Instrument :
BNA_F
ClientSampleId :
PB127239BS

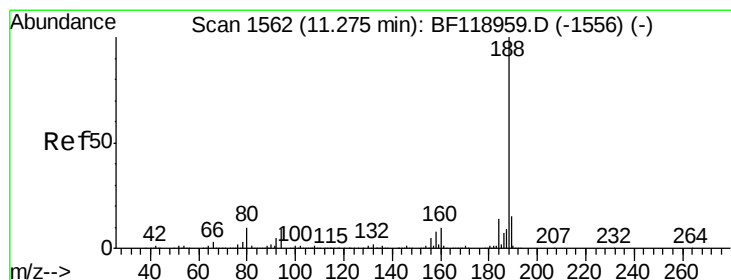
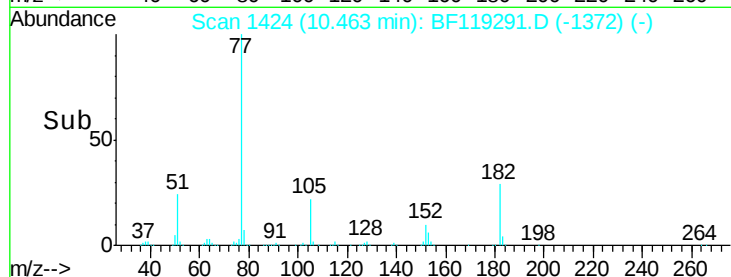
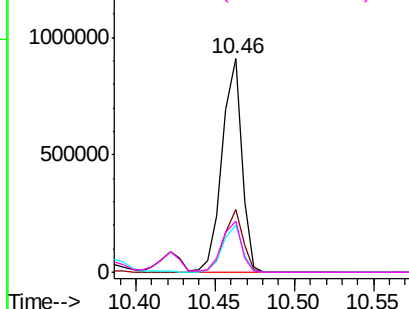
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		784138		
182	29.2	11.4	51.4		
105	22.4	3.4	43.4		
51	24.2	5.1	45.1		

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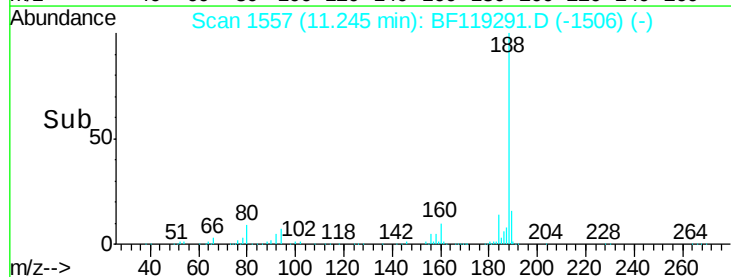
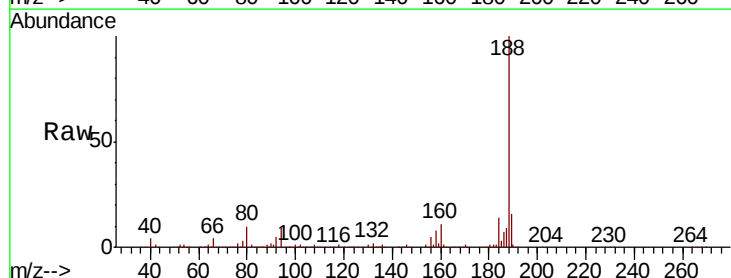
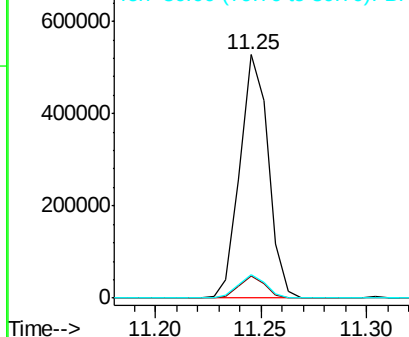
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

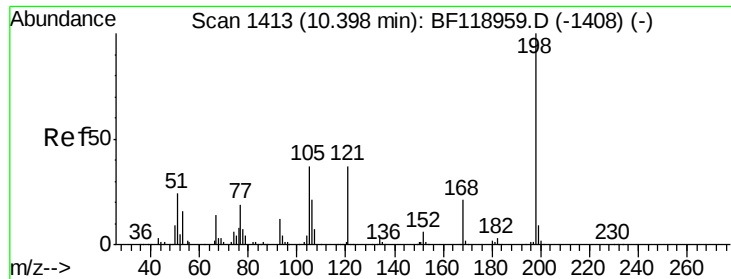


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		490850		
94	9.1	7.1	10.7		
80	9.8	7.8	11.8		

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





#65

4,6-Dinitro-2-methylphenol

Concen: 45.363 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.01 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

Instrument :

BNA_F

ClientSampleId :

PB127239BS

Tot Ion:198 Resp: 134738

Ion Ratio Lower Upper

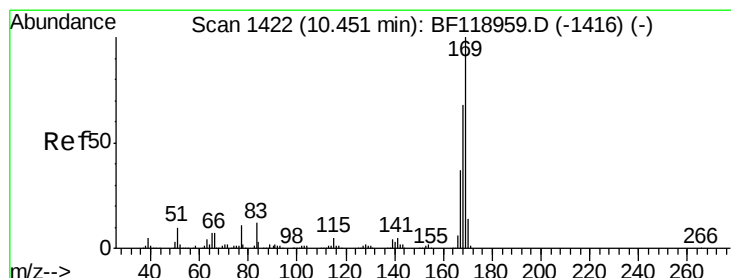
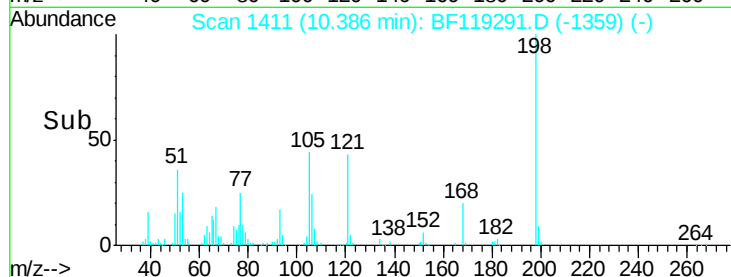
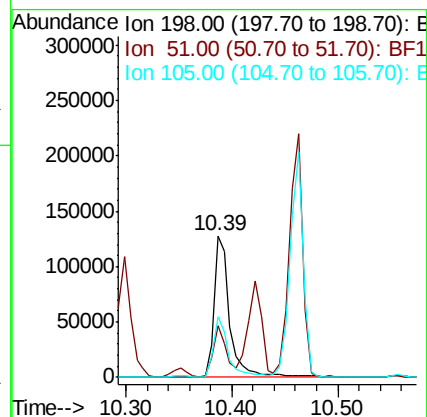
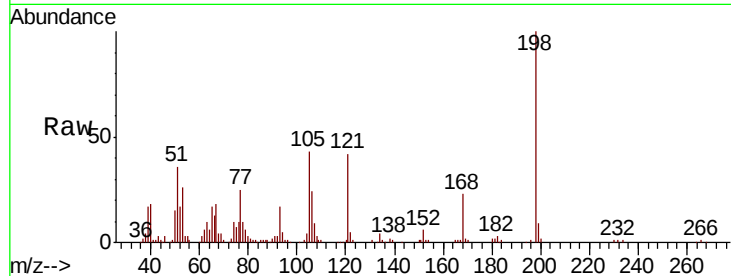
198 100

51 36.5 14.2 54.2

105 43.1 22.7 62.7

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#66

n-Nitrosodiphenylamine

Concen: 45.447 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

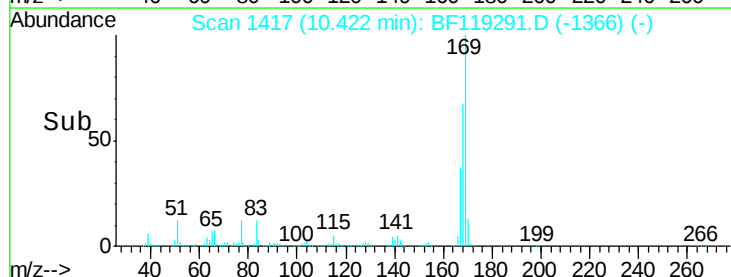
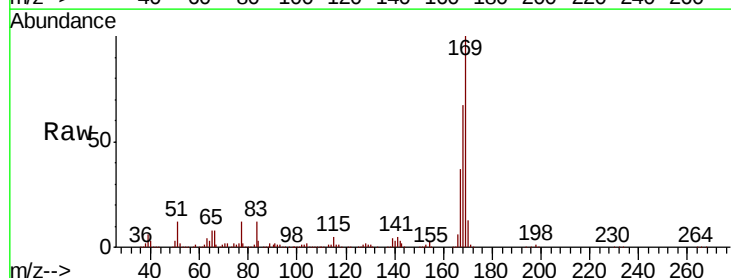
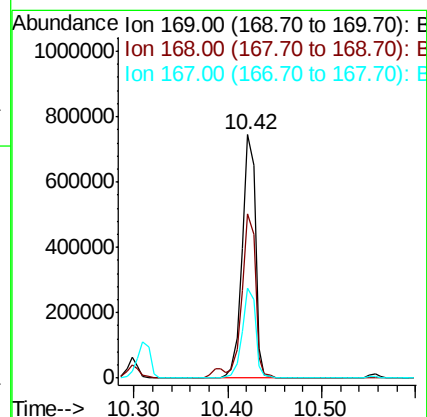
Tgt Ion:169 Resp: 730427

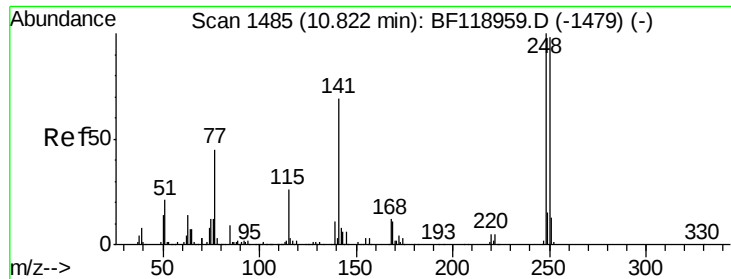
Ion Ratio Lower Upper

169 100

168 67.4 54.1 81.1

167 37.1 29.4 44.0





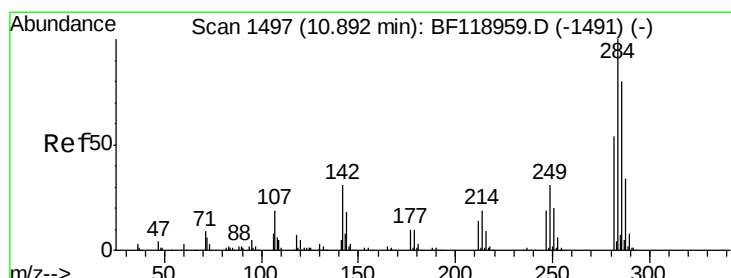
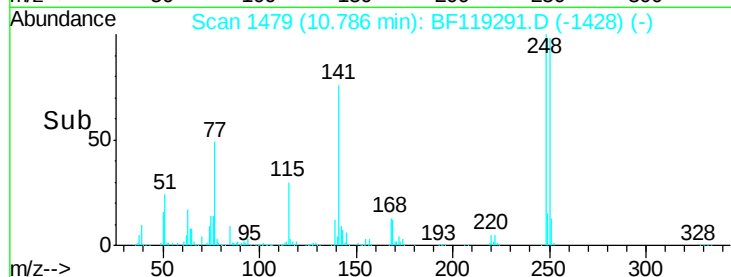
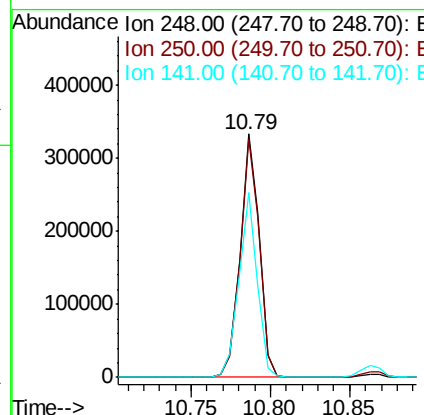
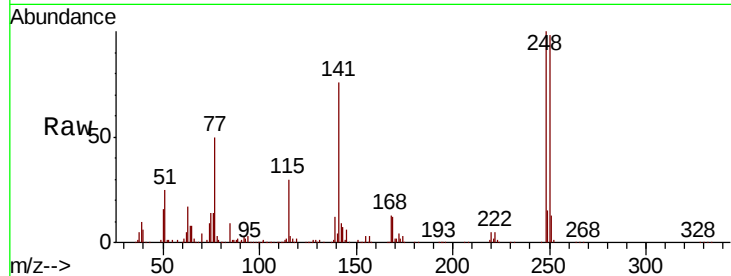
#67
4-Bromophenyl-phenylether
Concen: 43.438 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.7	115.1
141	75.8	60.7	91.1

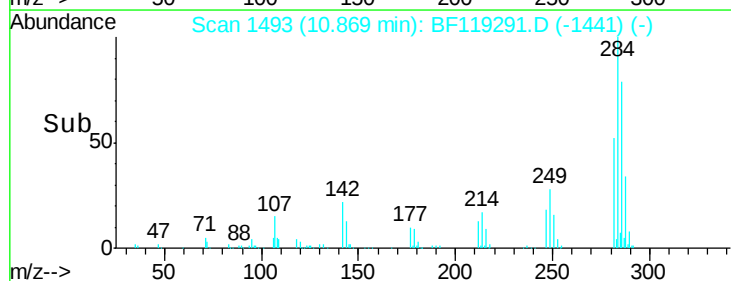
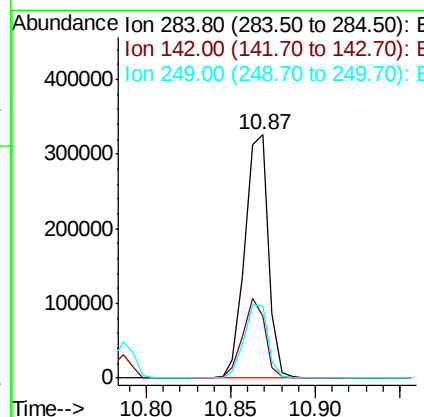
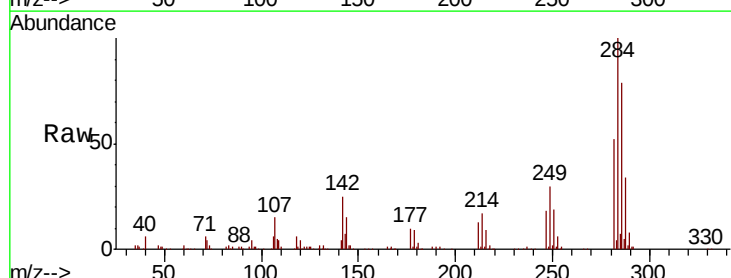
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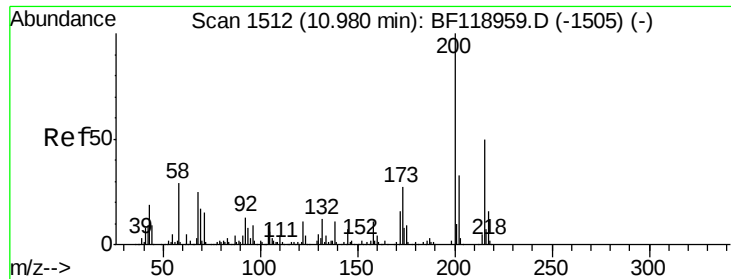
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#68
Hexachlorobenzene
Concen: 42.918 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.4	23.7	35.5
249	29.8	25.0	37.6





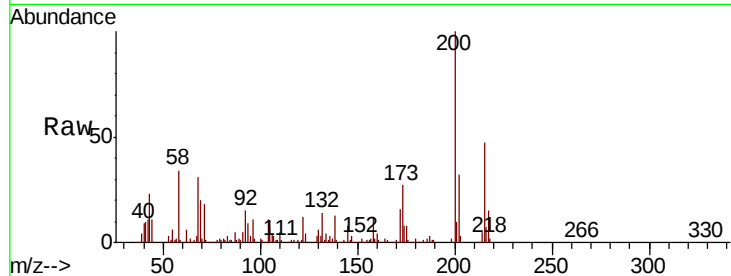
#69
Atrazine
Concen: 47.560 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Instrument :
BNA_F
ClientSampleId :
PB127239BS

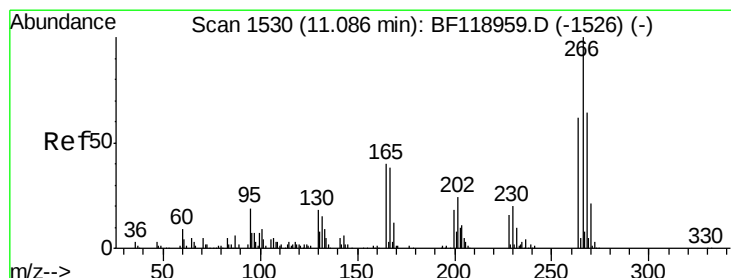
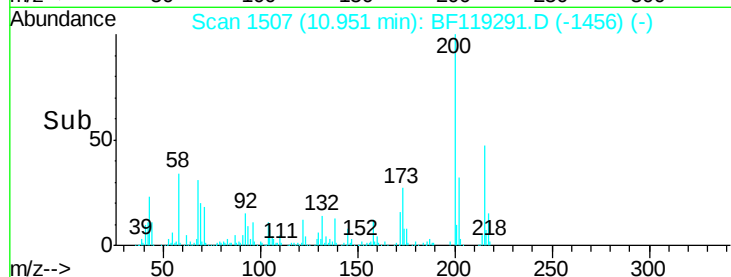
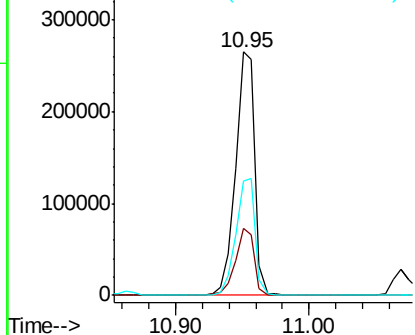
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	6.4	46.4
215	46.8	27.4	67.4

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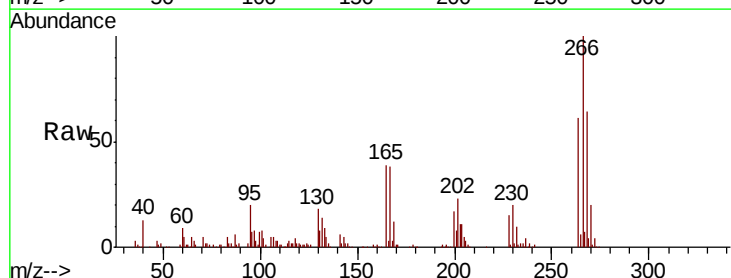


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

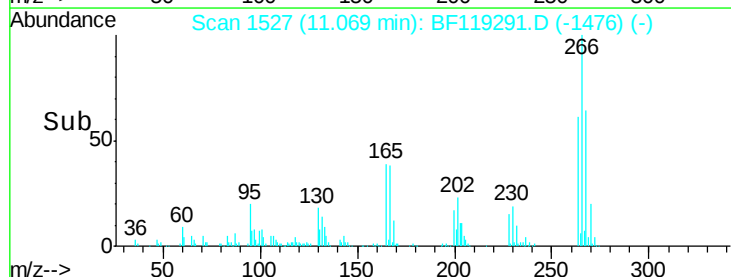
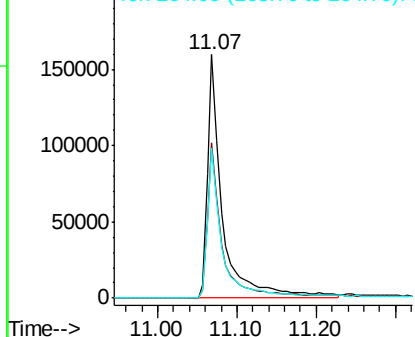


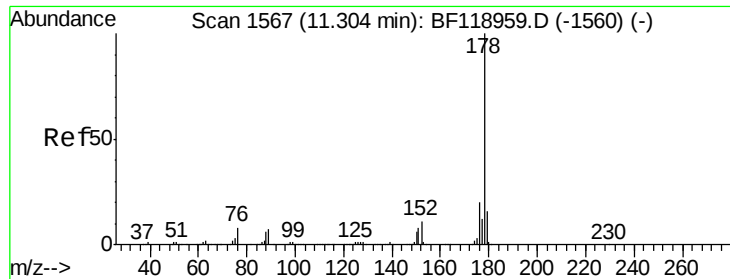
#70
Pentachlorophenol
Concen: 71.551 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.9	77.9
264	61.4	51.0	76.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





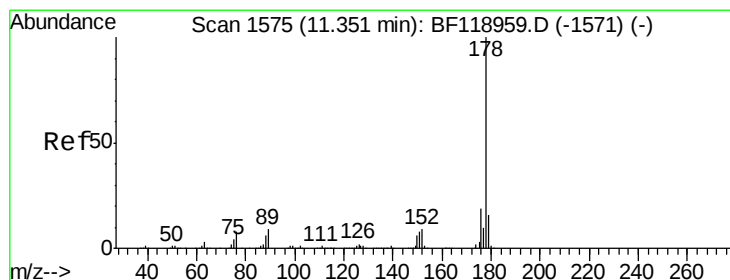
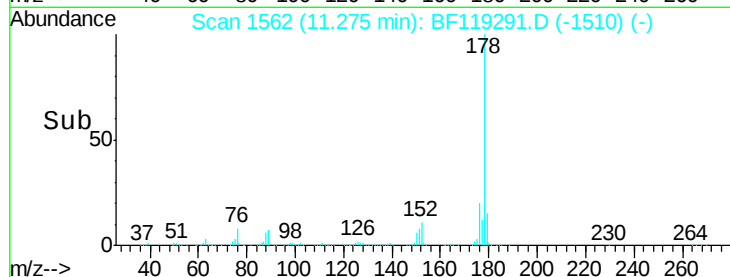
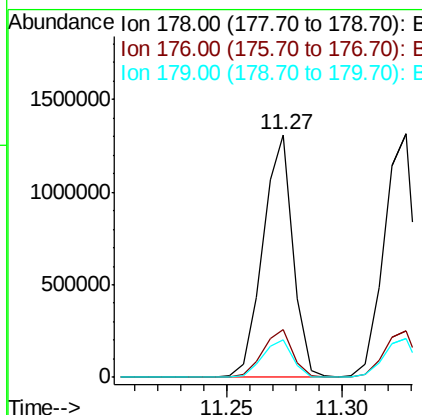
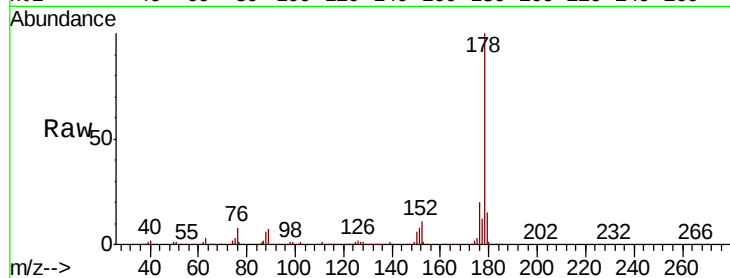
#71
Phenanthrene
Concen: 44.333 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion:178 Resp: 1186739
Ion Ratio Lower Upper
178 100
176 19.7 16.5 24.7
179 15.2 13.0 19.6

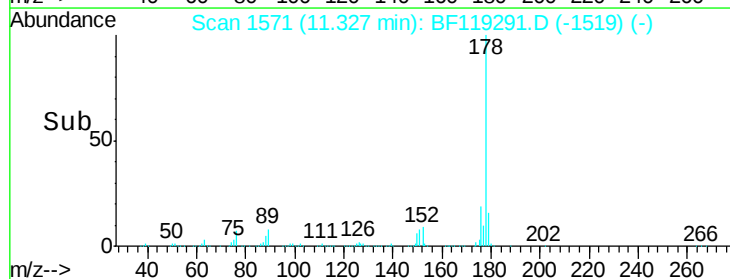
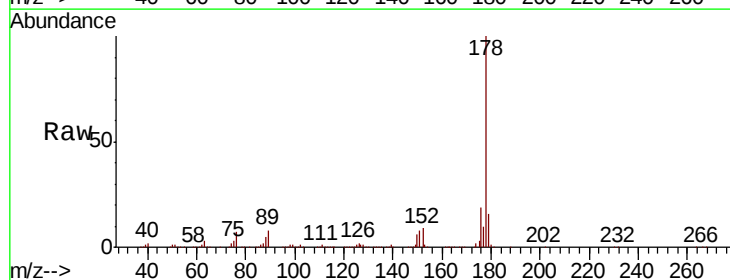
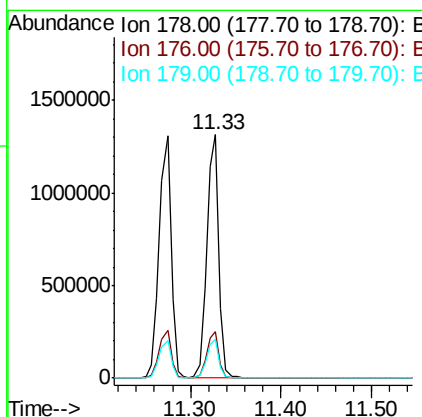
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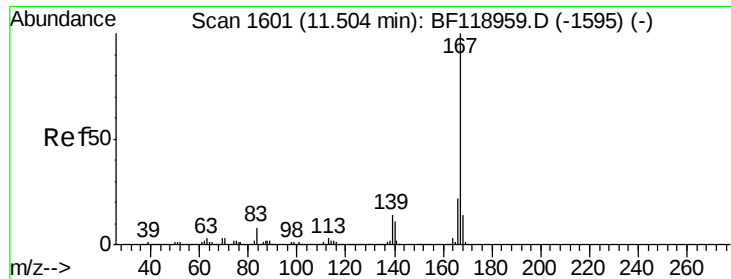
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#72
Anthracene
Concen: 46.001 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion:178 Resp: 1230344
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 15.8 13.1 19.7





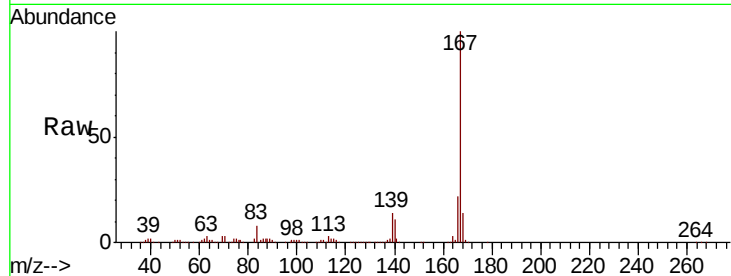
#73
 Carbazole
 Concen: 44.948 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB127239BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.4
139	13.9	11.7	17.5

Manual Integrations
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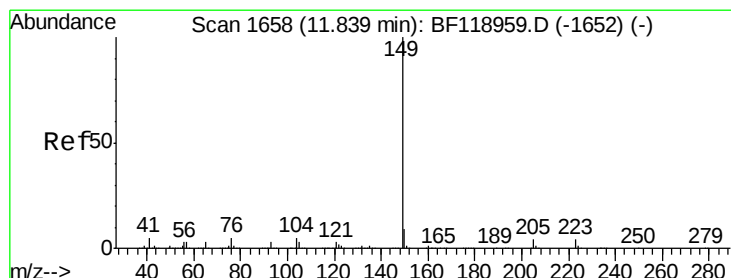
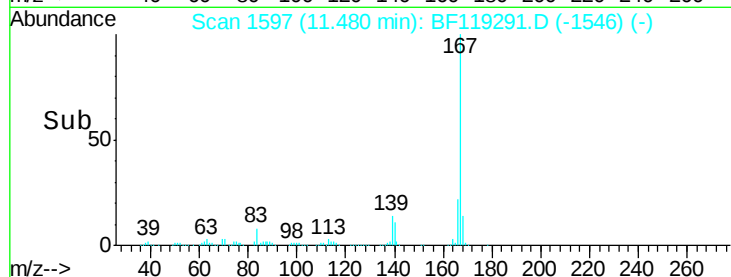
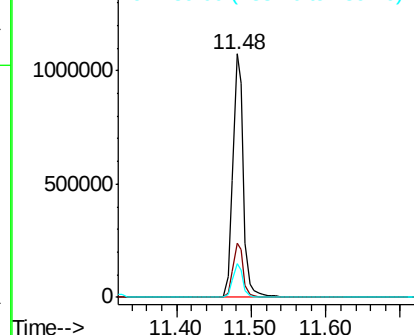


Abundance

Ion 167.00 (166.70 to 167.70): E

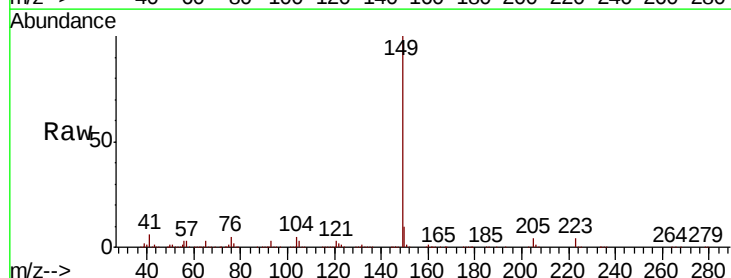
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 47.270 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.9	11.9
104	5.2	4.6	6.8

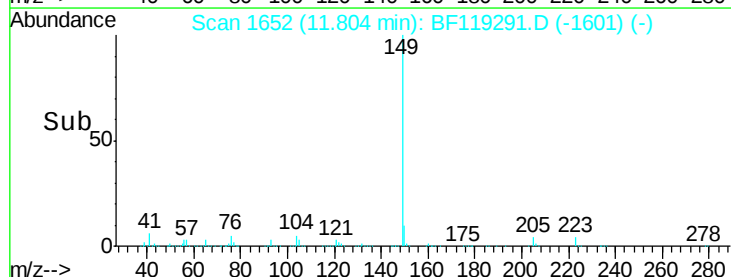
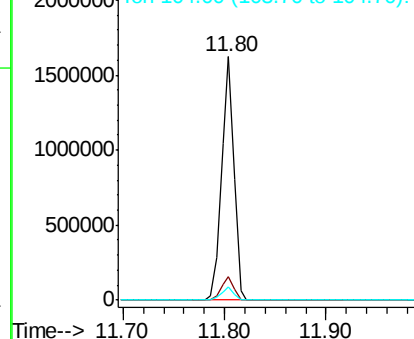


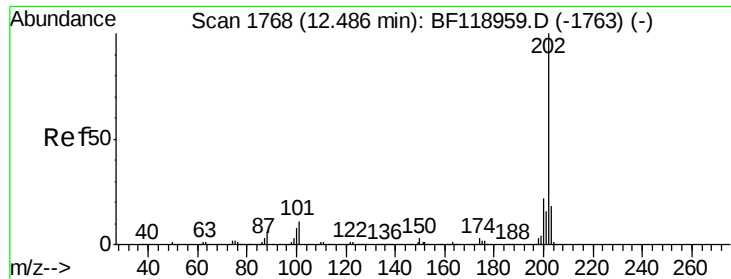
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.962 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

Instrument :

BNA_F

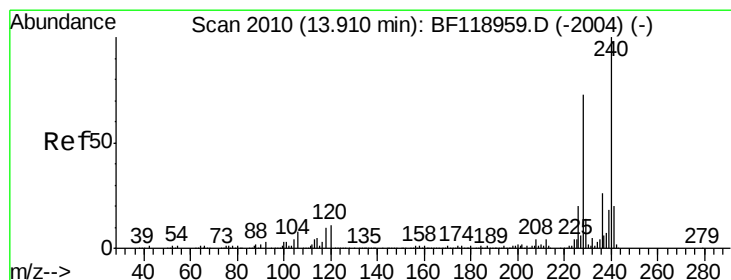
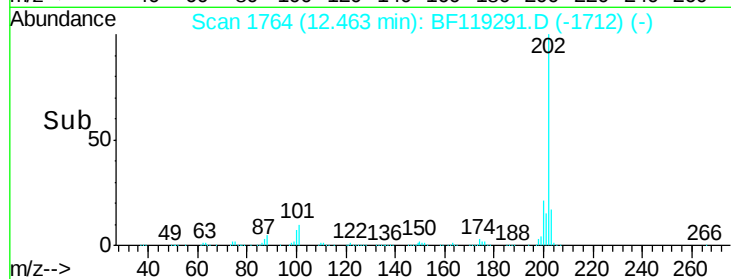
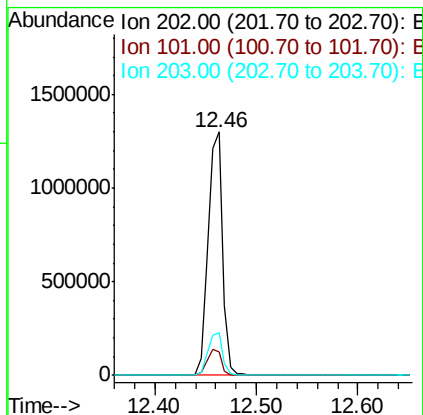
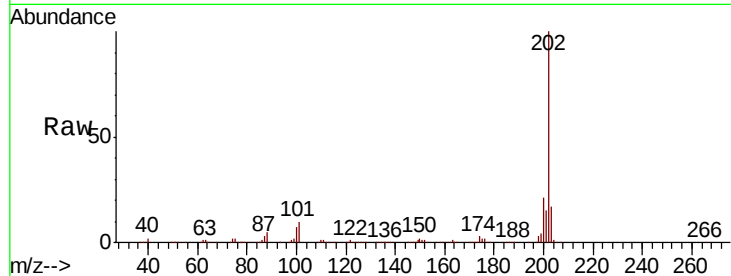
ClientSampleId :

PB127239BS

Tot Ion:	202	Resp:	1277547
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	30.3
203	17.5	0.0	38.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

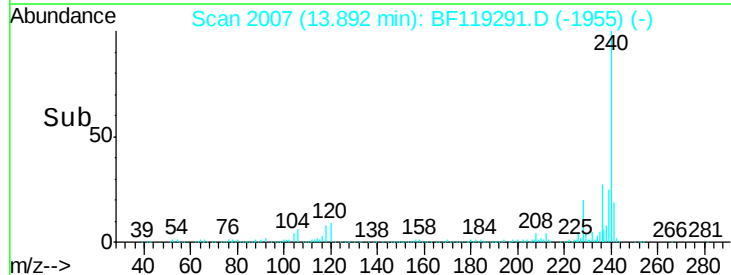
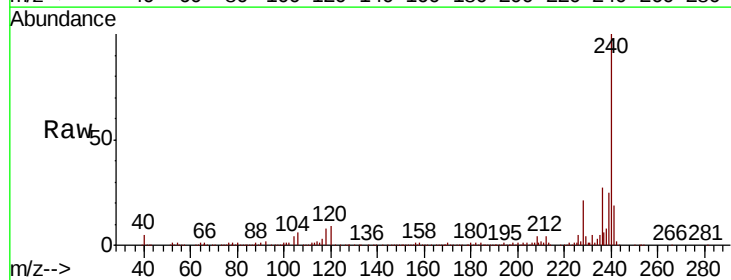
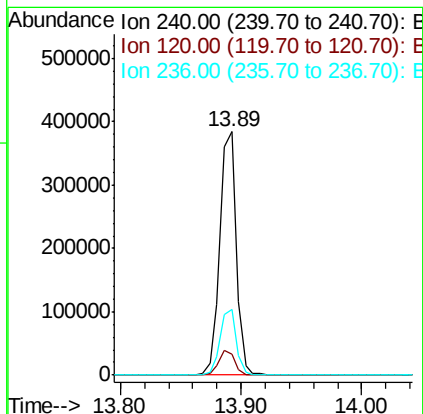
RT: 13.89 min Scan# 2007

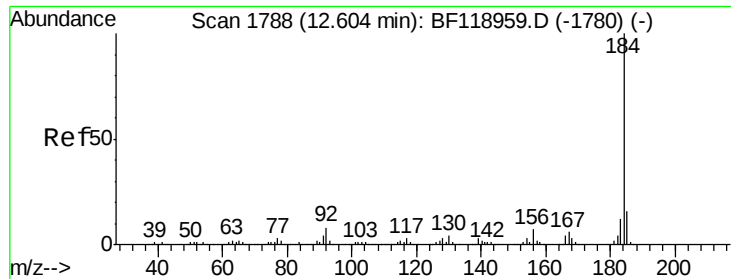
Delta R.T. 0.01 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

Tgt Ion:	240	Resp:	359328
Ion Ratio	Lower	Upper	
240	100		
120	8.8	8.4	12.6
236	26.9	21.0	31.4





#77

Benzidine

Concen: 23.875 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

Instrument :

BNA_F

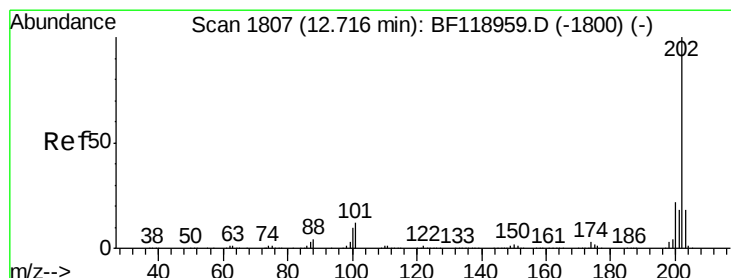
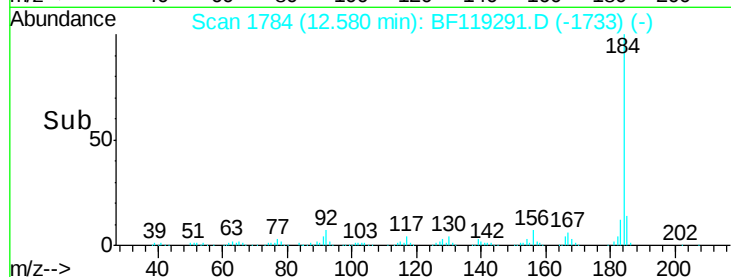
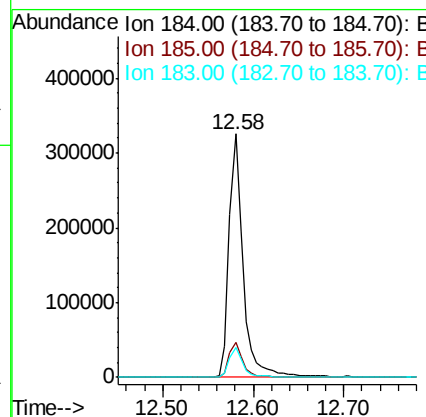
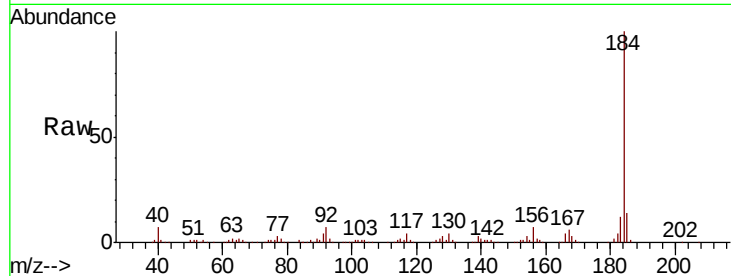
ClientSampleId :

PB127239BS

Tot Ion:	184	Resp:	348903
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.2	18.4
183	12.1	9.9	14.9

Manual Integrations
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#78

Pyrene

Concen: 44.511 ng

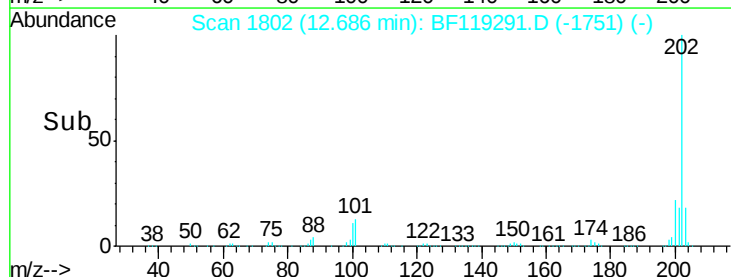
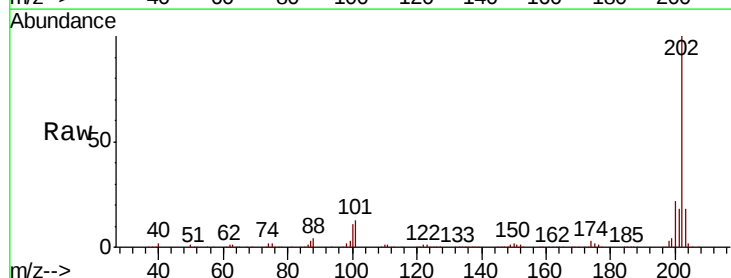
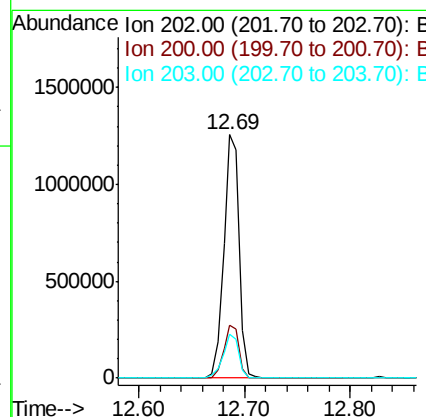
RT: 12.69 min Scan# 1802

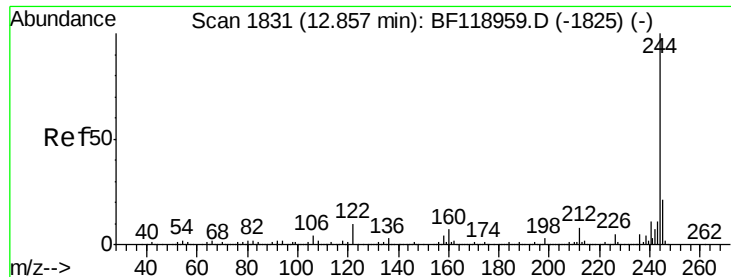
Delta R.T. 0.00 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

Tgt Ion:	202	Resp:	1284296
Ion Ratio	Lower	Upper	
202	100		
200	21.8	18.0	27.0
203	17.9	14.6	22.0





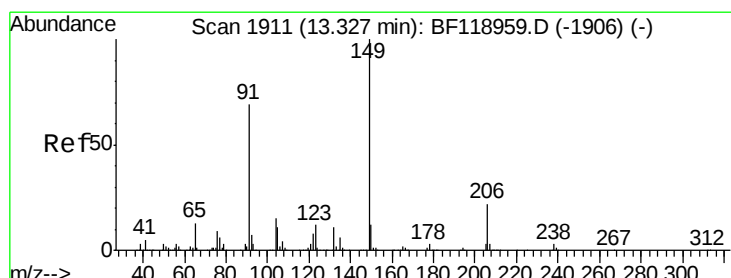
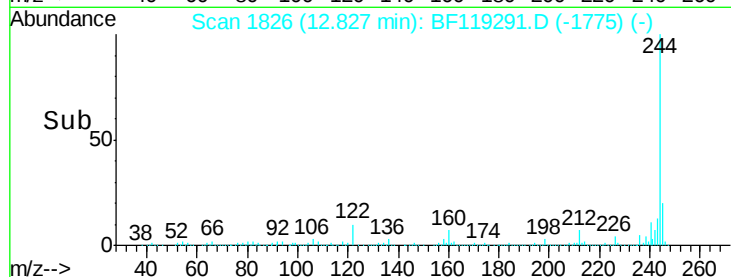
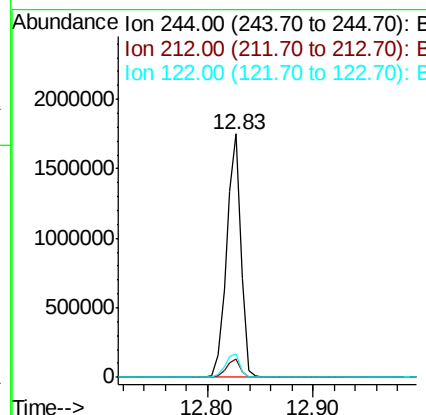
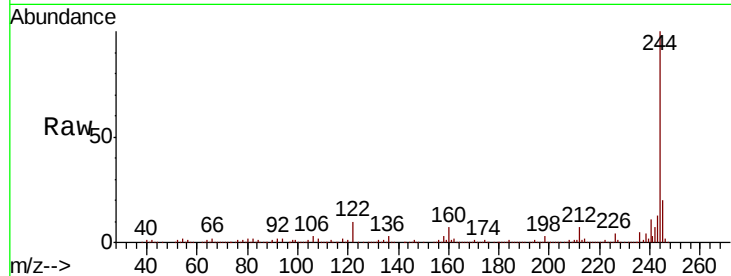
#79
 Terphenyl-d14
 Concen: 79.409 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB127239BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.6	10.0
122	9.6	8.2	12.2

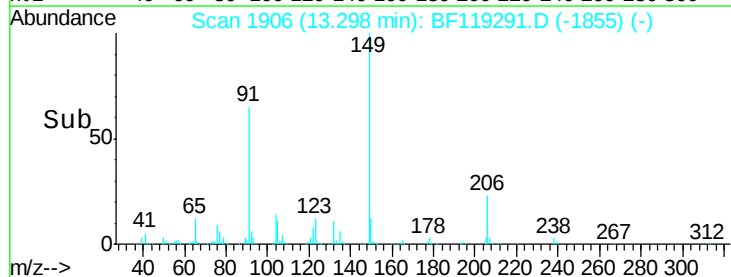
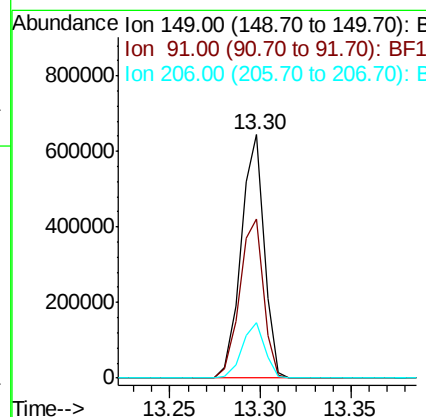
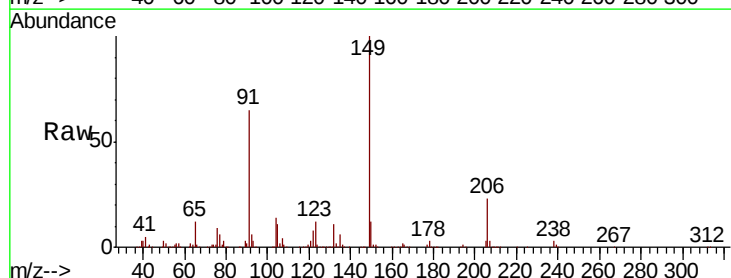
Manual Integrations
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#80
 Butylbenzylphthalate
 Concen: 46.913 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.3	52.3	78.5
206	22.9	18.5	27.7





#81

Benzo(a)anthracene

Concen: 46.444 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

Instrument :

BNA_F

ClientSampleId :

PB127239BS

Tot Ion:228 Resp: 1137102

Ion Ratio Lower Upper

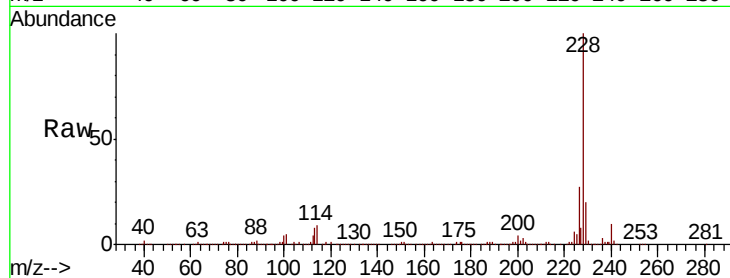
228 100

226 27.3 22.6 33.8

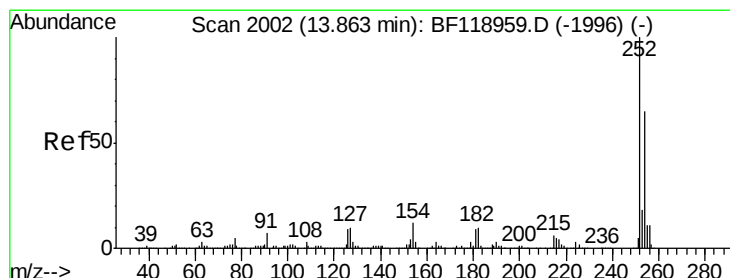
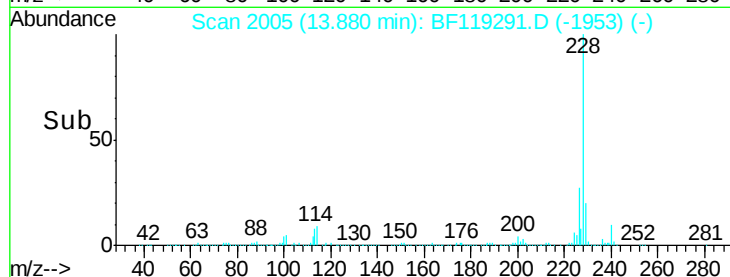
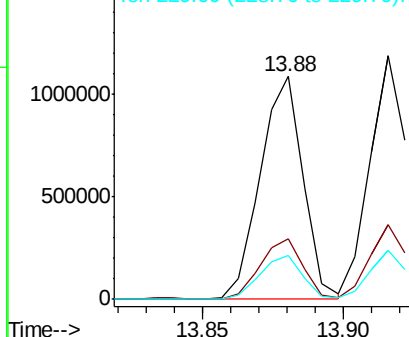
229 19.8 16.6 24.8

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



#82

3,3'-Dichlorobenzidine

Concen: 35.700 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

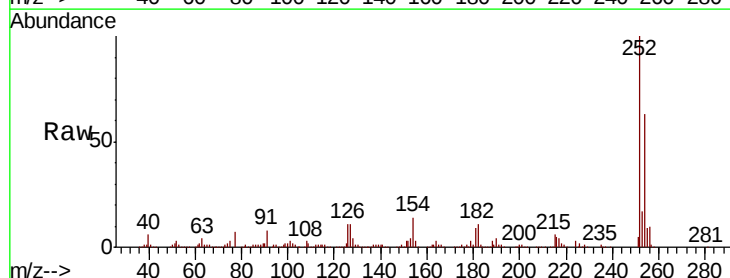
Tgt Ion:252 Resp: 339403

Ion Ratio Lower Upper

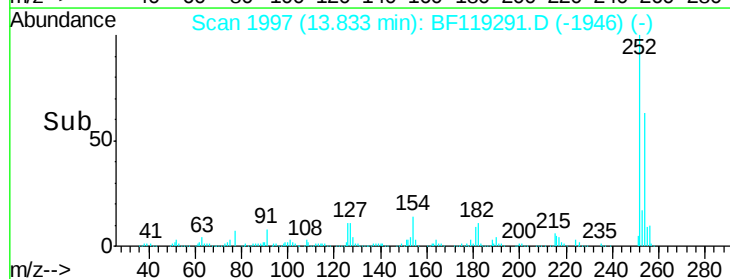
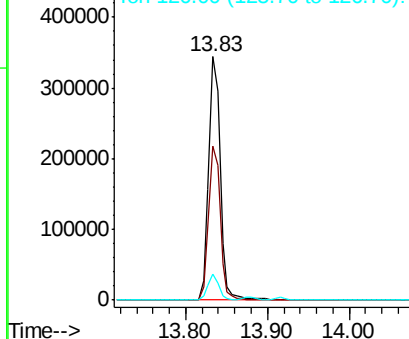
252 100

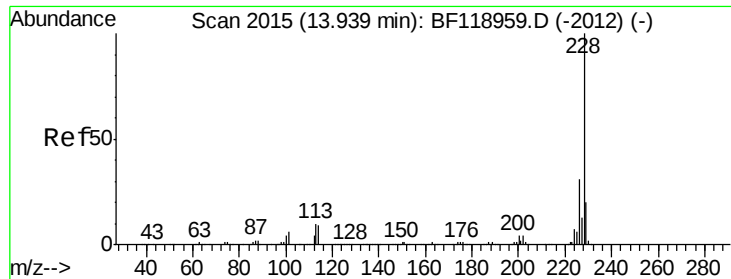
254 63.4 51.6 77.4

126 10.8 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





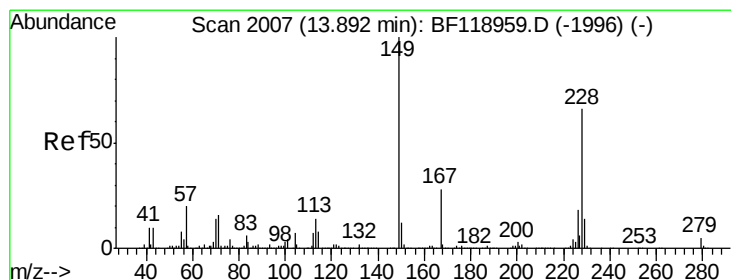
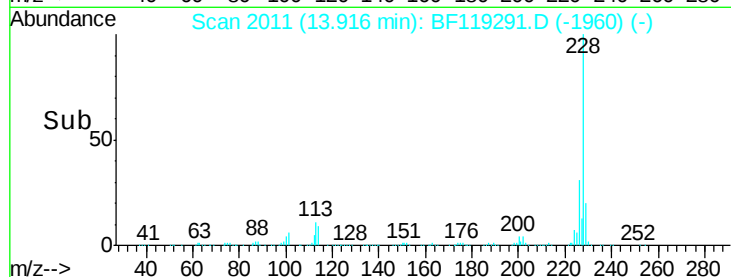
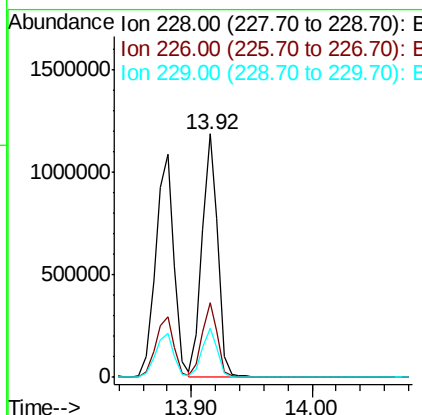
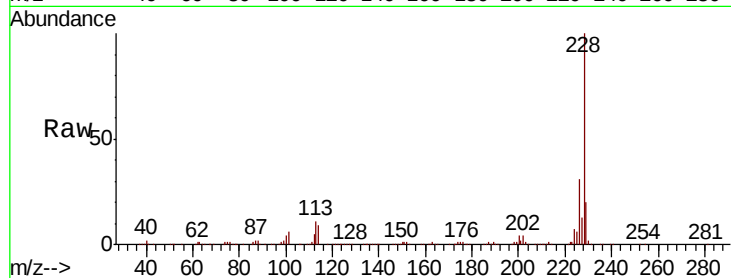
#83
 Chrysene
 Concen: 43.837 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB127239BS

Tot Ion:228 Resp: 1069428
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.1 37.7
 229 19.9 16.3 24.5

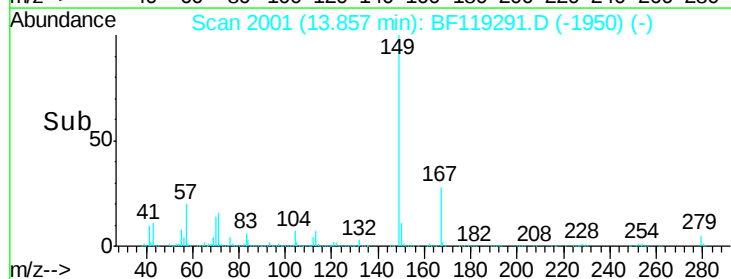
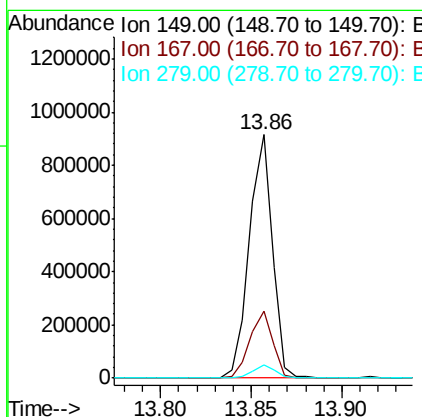
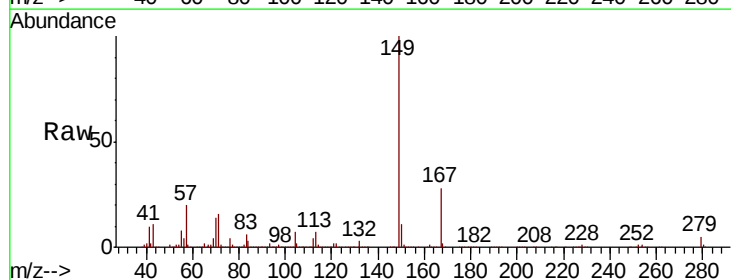
Manual Integrations
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.010 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Tgt Ion:149 Resp: 813276
 Ion Ratio Lower Upper
 149 100
 167 27.8 22.8 34.2
 279 5.4 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 52.722 ng

RT: 14.46 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

Instrument :

BNA_F

ClientSampleId :

PB127239BS

Tot Ion:149 Resp: 1288752

Ion Ratio Lower Upper

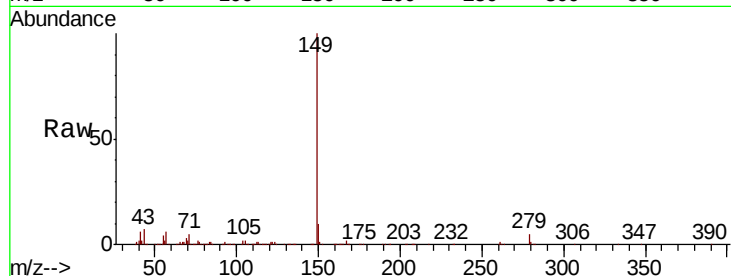
149 100

167 1.6 1.3 1.9

43 6.7 5.7 8.5

Manual Integrations
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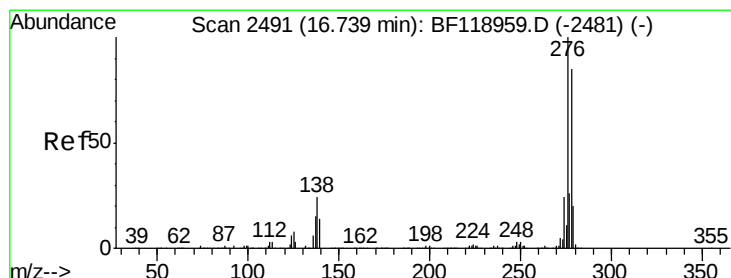
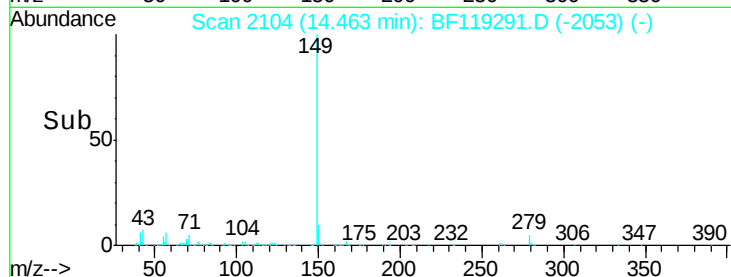
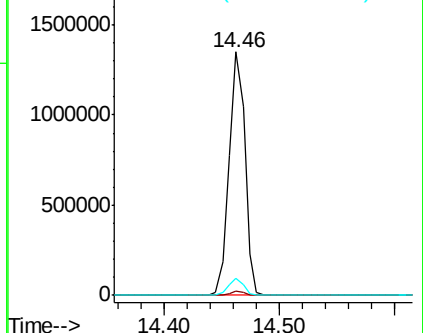
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.306 ng

RT: 16.73 min Scan# 2489

Delta R.T. 0.01 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

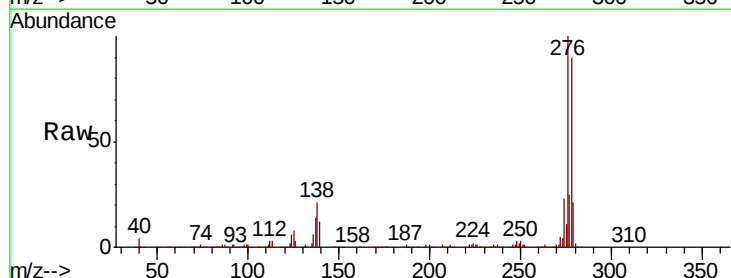
Tgt Ion:276 Resp: 881228

Ion Ratio Lower Upper

276 100

138 21.7 17.4 26.0

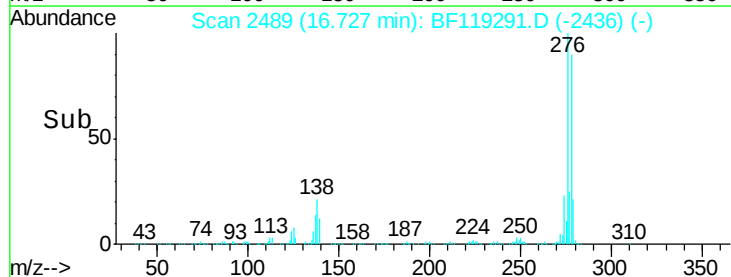
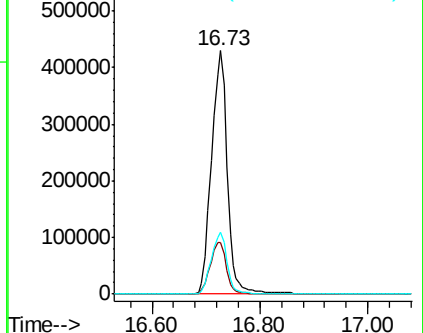
277 25.5 20.3 30.5

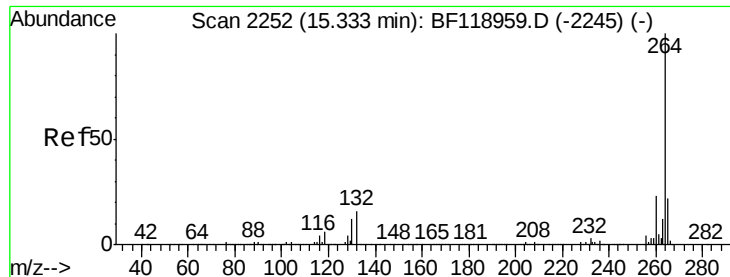


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





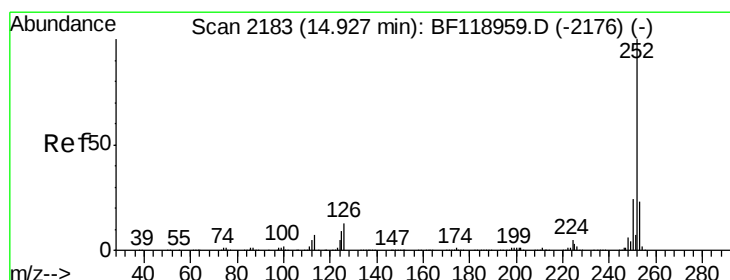
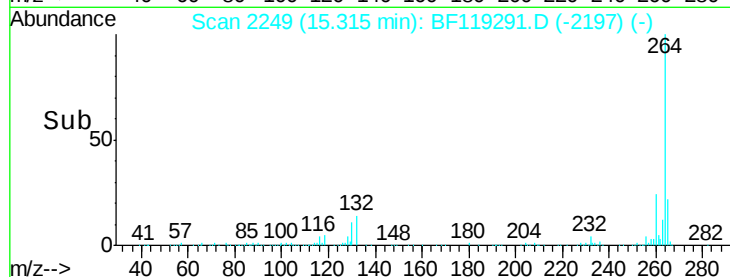
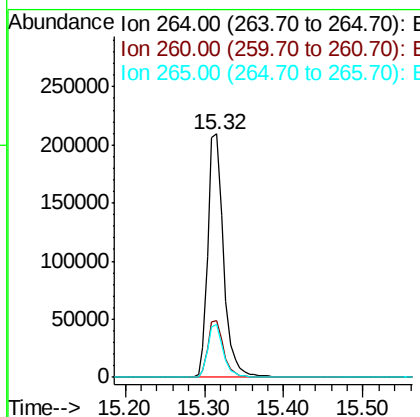
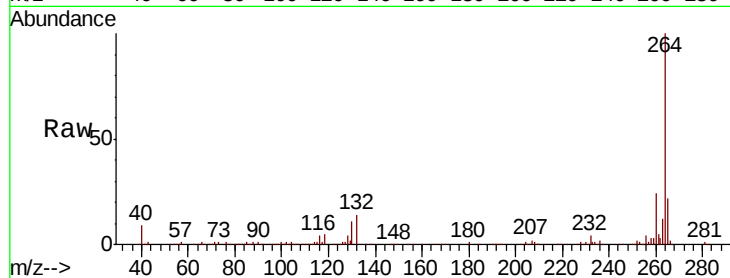
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.5	17.7	26.5

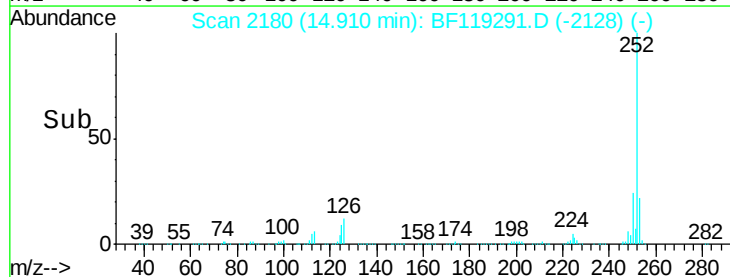
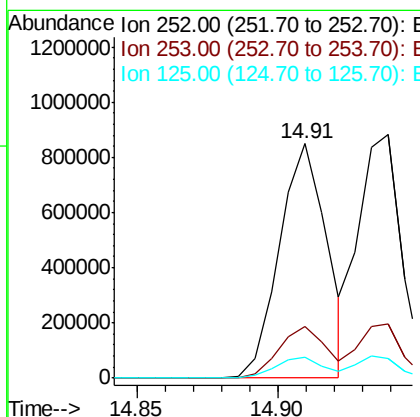
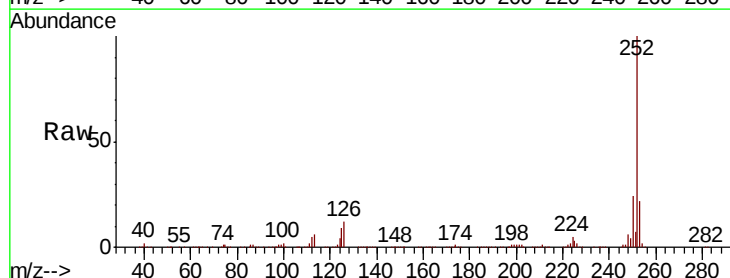
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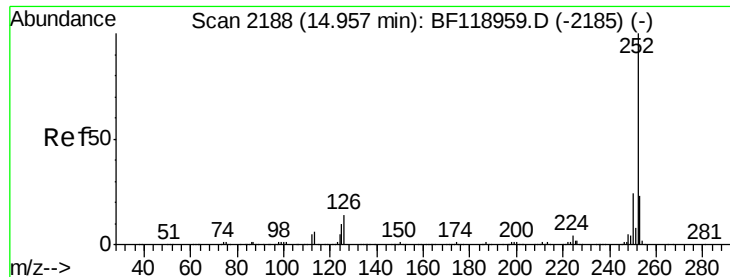
mohammad
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#88
Benzo(b)fluoranthene
Concen: 51.670 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	8.9	7.4	11.0





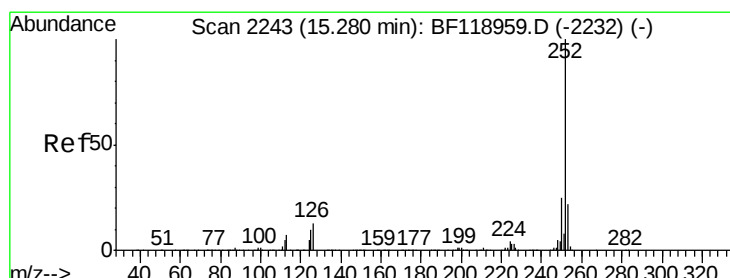
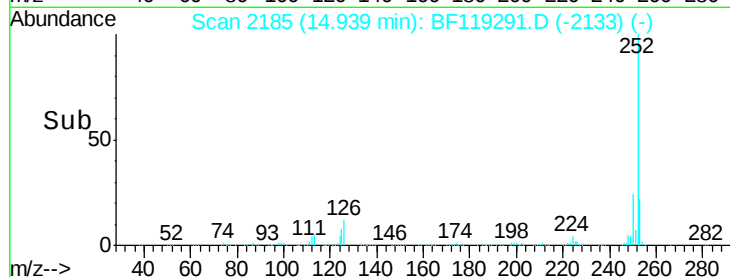
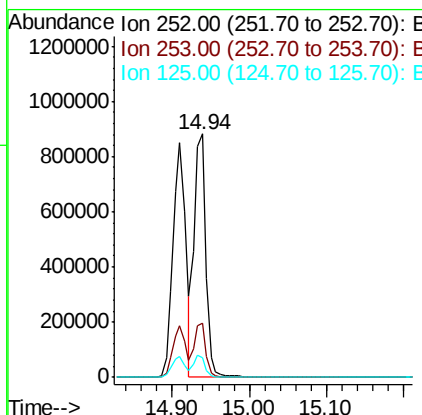
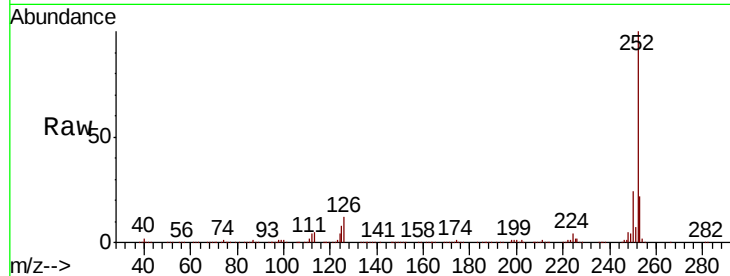
#89
Benzo(k)fluoranthene
Concen: 53.376 ng
RT: 14.94 min Scan# 2185
Delta R.T. 0.01 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	8.1	7.5	11.3

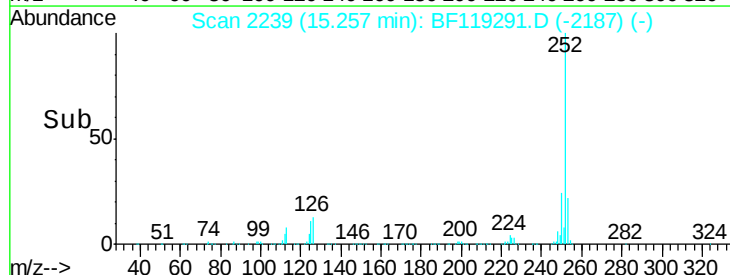
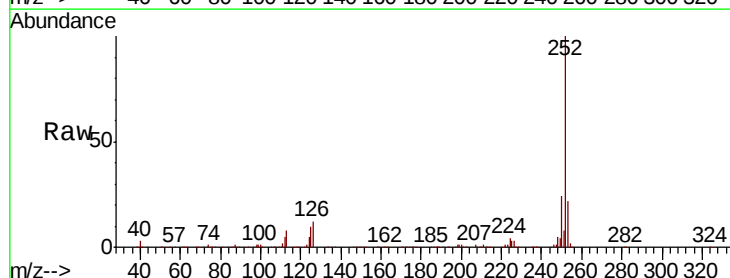
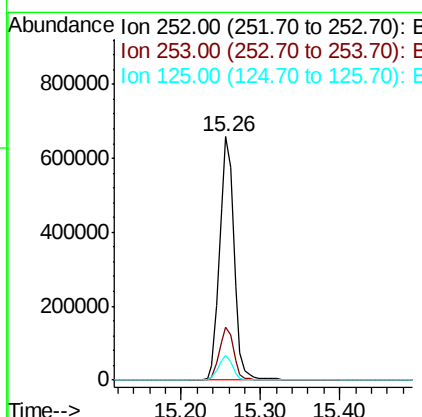
Manual Integrations
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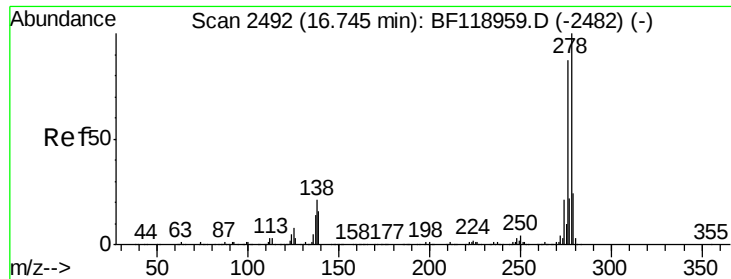
mohammad
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#90
Benzo(a)pyrene
Concen: 48.281 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	10.2	8.6	12.8





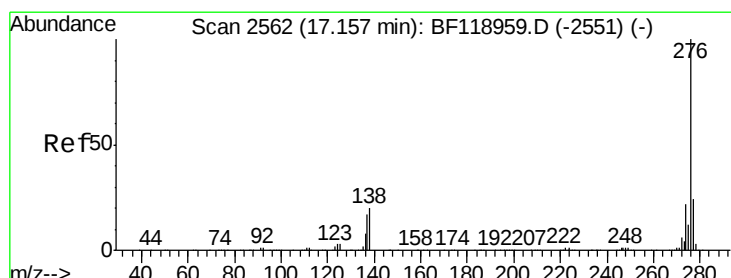
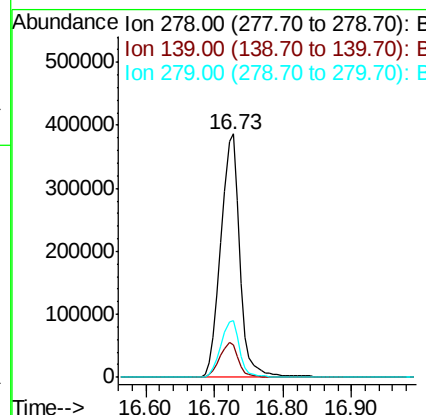
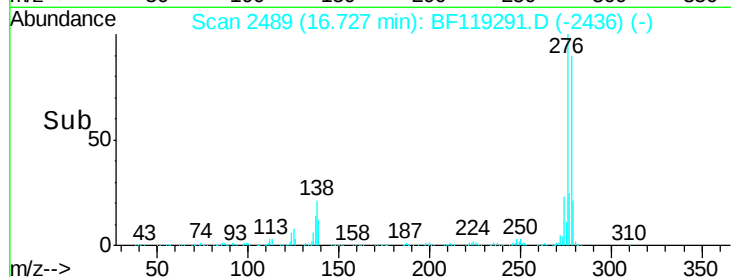
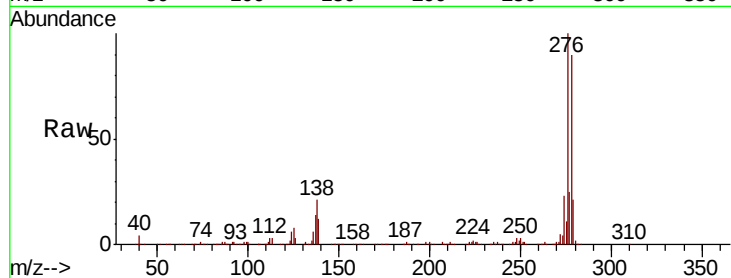
#91
Dibenzo(a,h)anthracene
Concen: 49.122 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.01 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Instrument :
BNA_F
ClientSampleId :
PB127239BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.6	11.0	16.4
279	23.5	18.6	28.0

Manual Integrations
APPROVED

mohammad
3/10/2020 2:44:22 PM



#92
Benzo(g,h,i)perylene
Concen: 48.204 ng
RT: 17.14 min Scan# 2560
Delta R.T. 0.01 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.7	28.1
138	19.8	14.3	21.5

