

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
 Data File : BF118276.D
 Acq On : 19 Dec 2019 13:42
 Operator : JU
 Sample : PB125579BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 20 02:10:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	114734	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	468690	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	252749	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	467932	20.00	ng	0.00
76) Chrysene-d12	14.06	240	311745	20.00	ng	-0.01
87) Perylene-d12	15.54	264	243167	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	808680	123.45	ng	0.00
7) Phenol-d6	6.50	99	990491	125.01	ng	0.00
23) Nitrobenzene-d5	7.43	82	638905	76.69	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	350513	114.16	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1351359	81.36	ng	-0.01
79) Terphenyl-d14	12.99	244	1552288	85.63	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.71	88	113274	41.010	ng	97
3) Pyridine	3.46	79	267580	37.548	ng	99
4) n-Nitrosodimethylamine	3.42	42	135223	44.109	ng	99
6) Aniline	6.52	93	350898	34.621	ng	96
8) 2-Chlorophenol	6.65	128	342607	46.383	ng	98
9) Benzaldehyde	6.41	77	210275	58.233	ng	97
10) Phenol	6.51	94	404459	44.761	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	293552	44.918	ng	94
12) 1,3-Dichlorobenzene	6.80	146	374439	43.394	ng	99
13) 1,4-Dichlorobenzene	6.87	146	381222	43.875	ng	100
14) 1,2-Dichlorobenzene	7.03	146	358932	43.989	ng	98
15) Benzyl Alcohol	7.00	79	281666	45.540	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	332730	42.344	ng	94
17) 2-Methylphenol	7.12	107	271399	46.196	ng	98
18) Hexachloroethane	7.37	117	138365	43.217	ng	93
19) n-Nitroso-di-n-propylamine	7.27	70	220905	45.882	ng	98
20) 3+4-Methylphenols	7.27	107	344201	46.644	ng	94
22) Acetophenone	7.27	105	459006	40.764	ng	100
24) Nitrobenzene	7.45	77	335863	41.033	ng	99
25) Isophorone	7.69	82	607991	43.050	ng	100
26) 2-Nitrophenol	7.76	139	191049	43.669	ng	96
27) 2,4-Dimethylphenol	7.80	122	295801	50.689	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	377544	40.911	ng	99
29) 2,4-Dichlorophenol	8.01	162	291473	42.844	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	325139	40.896	ng	99
31) Naphthalene	8.17	128	1016526	43.185	ng	99
32) Benzoic acid	7.94	122	199773	37.915	ng	99
33) 4-Chloroaniline	8.22	127	223299	21.970	ng	99
34) Hexachlorobutadiene	8.28	225	186953	39.215	ng	99
35) Caprolactam	8.59	113	50458	24.051	ng	97
36) 4-Chloro-3-methylphenol	8.71	107	307439	42.943	ng	97
37) 2-Methylnaphthalene	8.86	142	697539	43.772	ng	99
38) 1-Methylnaphthalene	8.96	142	647721	43.289	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	306603	40.044	ng	99

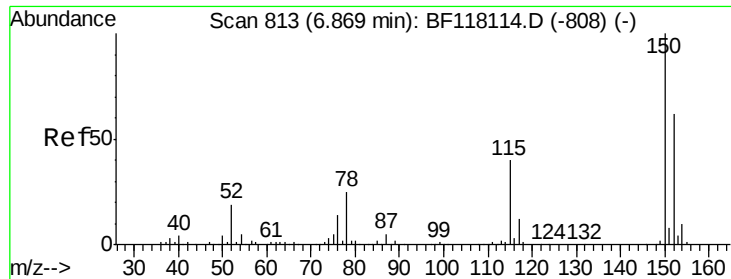
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	297626	86.757	ng	98
43) 2,4,6-Trichlorophenol	9.15	196	208188	40.724	ng	98
44) 2,4,5-Trichlorophenol	9.19	196	224167	42.324	ng	98
46) 1,1'-Biphenyl	9.33	154	823938	41.333	ng	99
47) 2-Chloronaphthalene	9.36	162	643293	40.118	ng	98
48) 2-Nitroaniline	9.45	65	175713	38.426	ng	95
49) Acenaphthylene	9.77	152	1022915	43.251	ng	100
50) Dimethylphthalate	9.63	163	762946	40.867	ng	100
51) 2,6-Dinitrotoluene	9.70	165	171493	42.245	ng	94
52) Acenaphthene	9.95	154	588447	40.764	ng	99
53) 3-Nitroaniline	9.87	138	117765	24.650	ng	95
54) 2,4-Dinitrophenol	9.98	184	156967	77.720	ng	96
55) Dibenzofuran	10.12	168	899275	42.515	ng	100
56) 4-Nitrophenol	10.04	139	251374	75.819	ng	97
57) 2,4-Dinitrotoluene	10.10	165	227024	41.899	ng	97
58) Fluorene	10.46	166	705885	41.993	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	186682	42.722	ng	99
60) Diethylphthalate	10.33	149	765832	41.635	ng	98
61) 4-Chlorophenyl-phenylether	10.45	204	351620	41.574	ng	98
62) 4-Nitroaniline	10.49	138	175652	35.253	ng	99
63) Azobenzene	10.62	77	661890	42.153	ng	94
65) 4,6-Dinitro-2-methylphenol	10.52	198	114393	44.267	ng	95
66) n-Nitrosodiphenylamine	10.57	169	625367	42.796	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	218188	40.847	ng	98
68) Hexachlorobenzene	11.02	284	253230	40.278	ng	# 93
69) Atrazine	11.10	200	214019	65.182	ng	97
70) Pentachlorophenol	11.21	266	244331	82.638	ng	97
71) Phenanthrene	11.43	178	1041771	41.881	ng	100
72) Anthracene	11.48	178	1093891	44.083	ng	99
73) Carbazole	11.64	167	915984	41.142	ng	99
74) Di-n-butylphthalate	11.96	149	1202011	43.139	ng	99
75) Fluoranthene	12.62	202	1055013	41.484	ng	97
77) Benzidine	12.75	184	389342	47.442	ng	98
78) Pyrene	12.85	202	1070219	43.563	ng	99
80) Butylbenzylphthalate	13.46	149	475807	42.766	ng	99
81) Benzo(a)anthracene	14.04	228	879216	40.787	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	243951	34.459	ng	99
83) Chrysene	14.09	228	852503	41.402	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	647116	44.109	ng	100
85) Di-n-octyl phthalate	14.64	149	976543	43.942	ng	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	678761	39.177	ng	99
88) Benzo(b)fluoranthene	15.11	252	706646	43.939	ng	99
89) Benzo(k)fluoranthene	15.11	252	706646	45.738	ng	98
90) Benzo(a)pyrene	15.49	252	625516	44.039	ng	98
91) Dibenzo(a,h)anthracene	17.07	278	575587	47.246	ng	99
92) Benzo(g,h,i)perylene	17.51	276	572346	48.890	ng	99

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

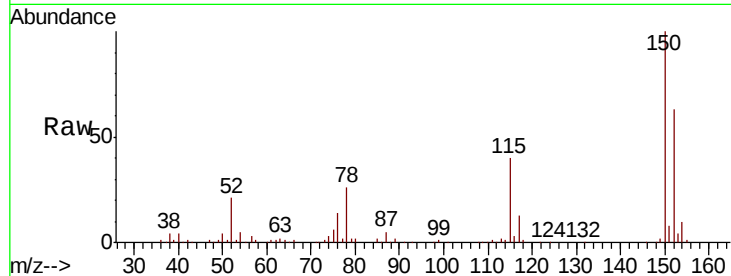


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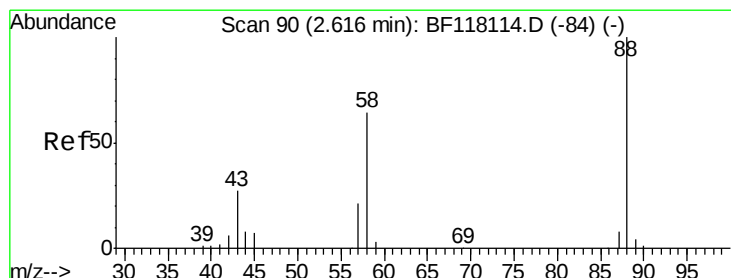
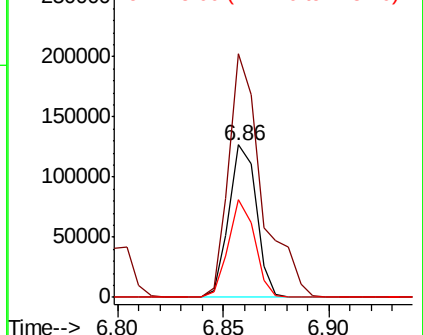
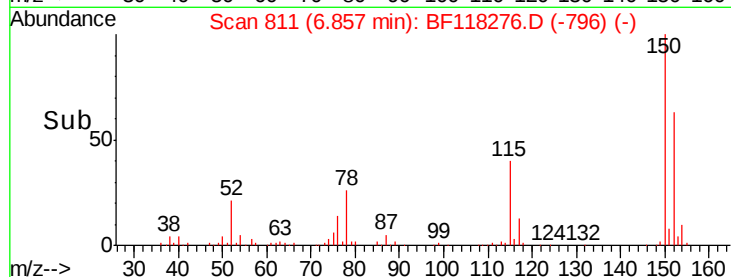
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 114734
Ion Ratio Lower Upper
152 100
150 159.8 128.3 192.5
115 64.0 51.1 76.7



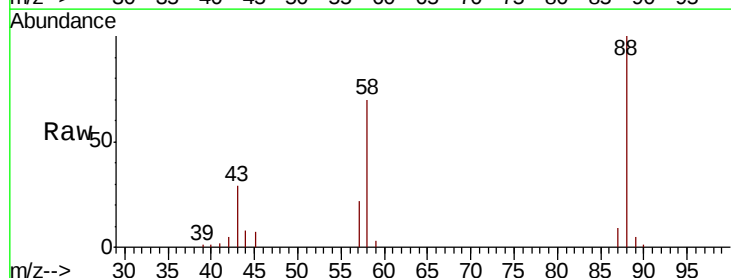
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



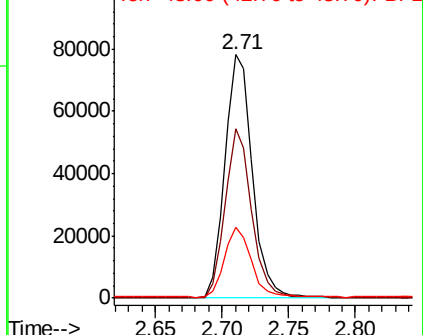
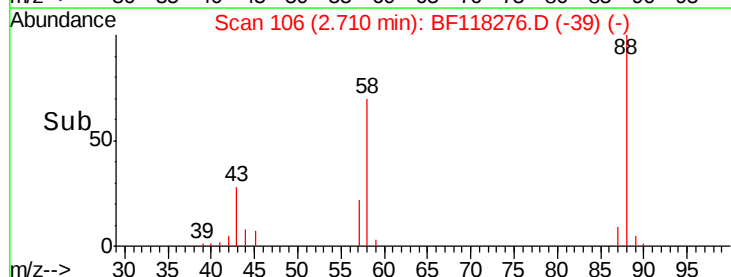
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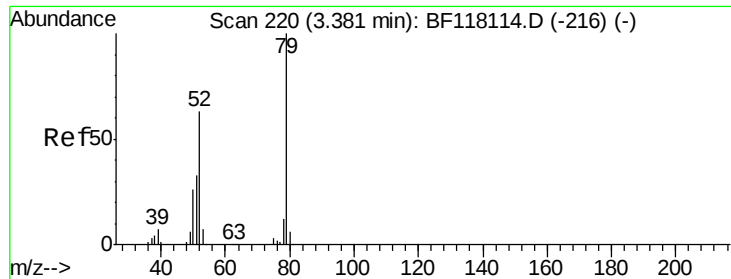
1,4-Dioxane
Concen: 41.010 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.09 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

Tgt Ion: 88 Resp: 113274
Ion Ratio Lower Upper
88 100
58 67.5 52.2 78.4
43 28.1 21.4 32.2



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 37.548 ng

RT: 3.46 min Scan# 234

Delta R.T. 0.08 min

Lab File: BF118276.D

Acq: 19 Dec 2019 13:42

Instrument :

BNA_F

ClientSampled :

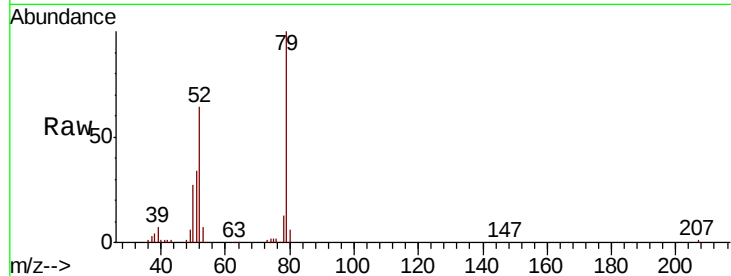
Tot Ion: 79 Resp: 267580

Ion Ratio Lower Upper

79 100

52 63.9 50.7 76.1

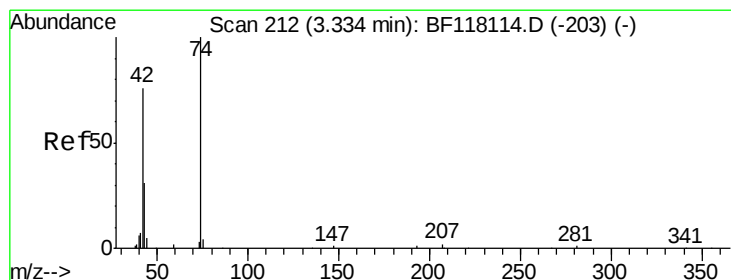
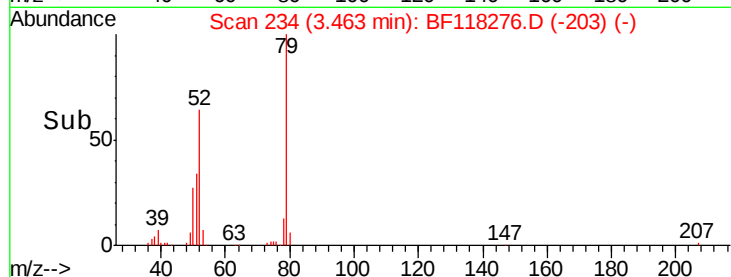
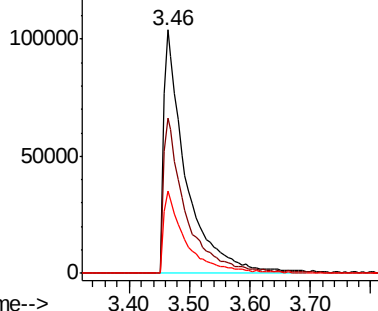
51 33.6 26.4 39.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 44.109 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.08 min

Lab File: BF118276.D

Acq: 19 Dec 2019 13:42

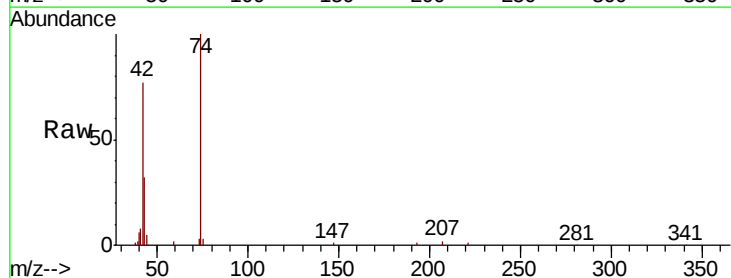
Tgt Ion: 42 Resp: 135223

Ion Ratio Lower Upper

42 100

74 129.4 104.6 157.0

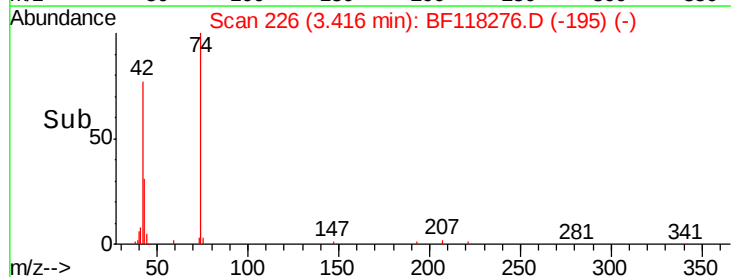
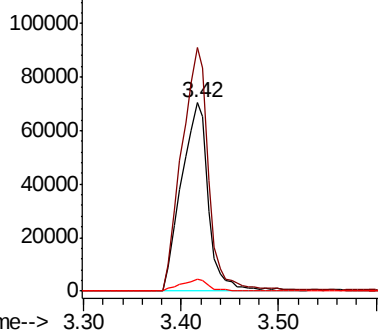
44 6.0 5.1 7.7

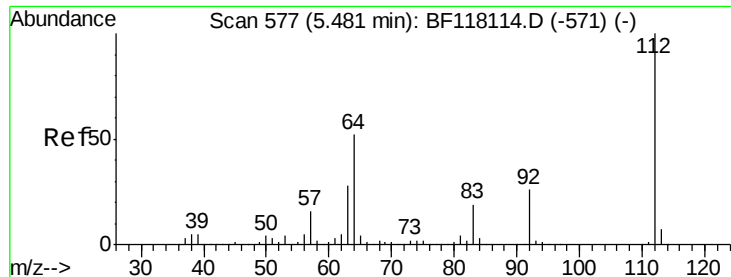


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 123.449 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF118276.D

Acq: 19 Dec 2019 13:42

Instrument :
BNA_F
ClientSampleId :

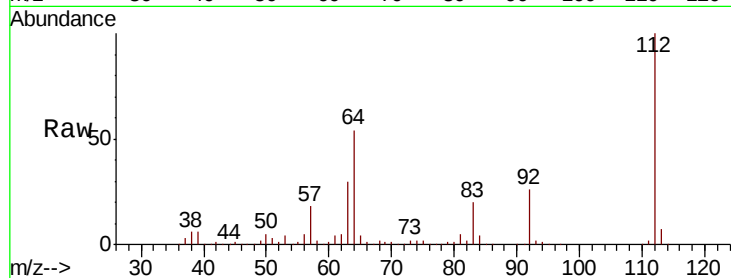
Tot Ion: 112 Resp: 808680

Ion Ratio Lower Upper

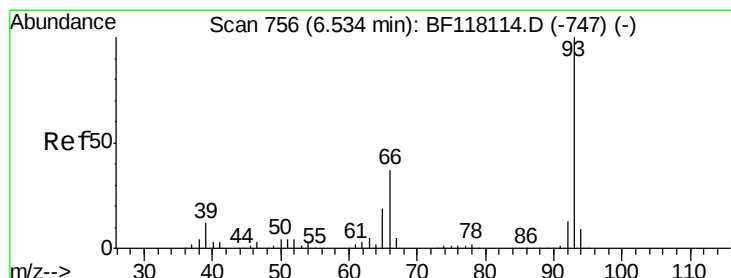
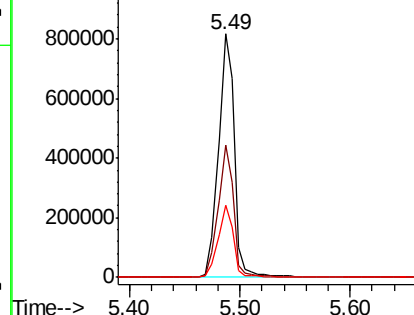
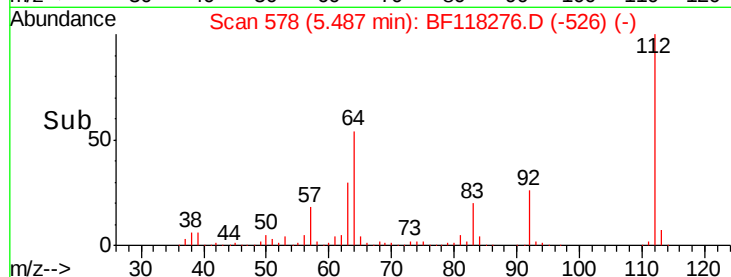
112 100

64 54.4 41.3 61.9

63 29.6 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.621 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF118276.D

Acq: 19 Dec 2019 13:42

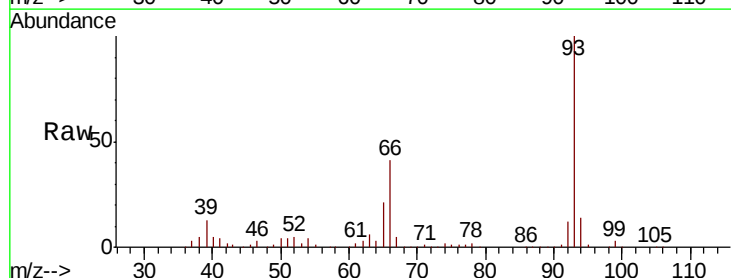
Tgt Ion: 93 Resp: 350898

Ion Ratio Lower Upper

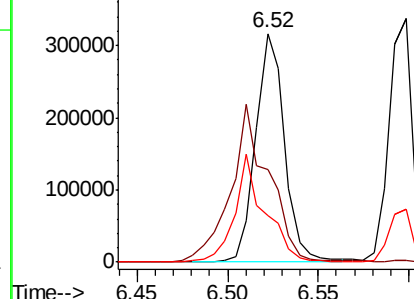
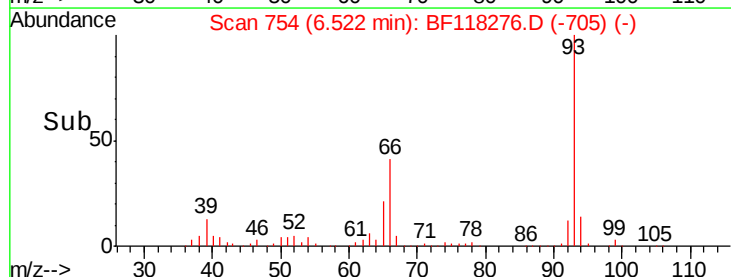
93 100

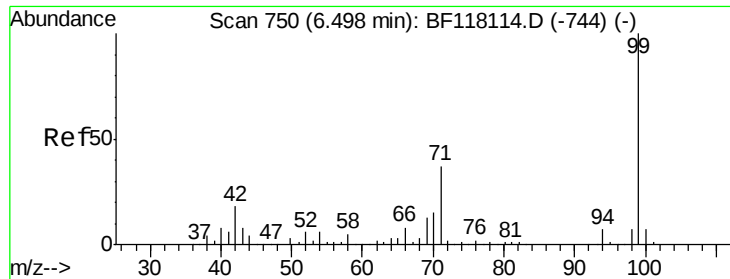
66 40.7 30.2 45.2

65 20.5 15.5 23.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 125.010 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118276.D

Acq: 19 Dec 2019 13:42

Instrument :

BNA_F

ClientSampled :

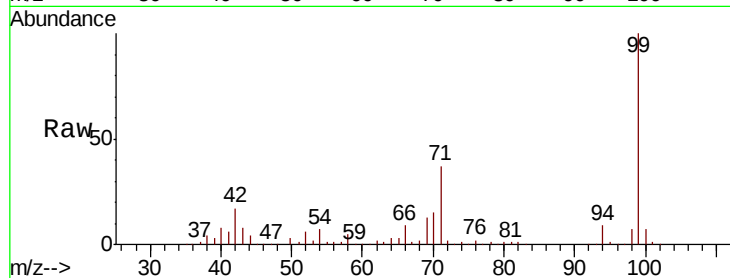
Tot Ion: 99 Resp: 990491

Ion Ratio Lower Upper

99 100

42 17.4 14.1 21.1

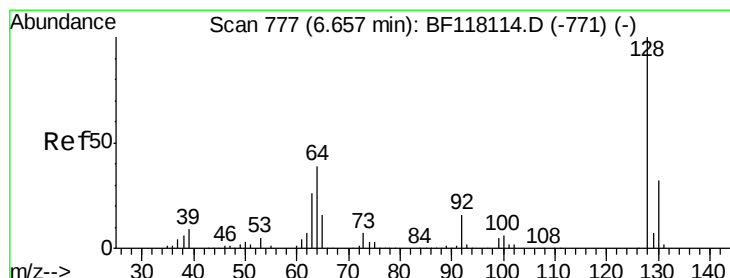
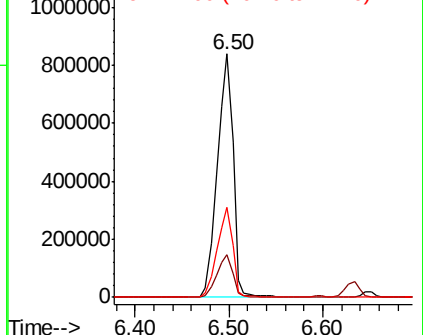
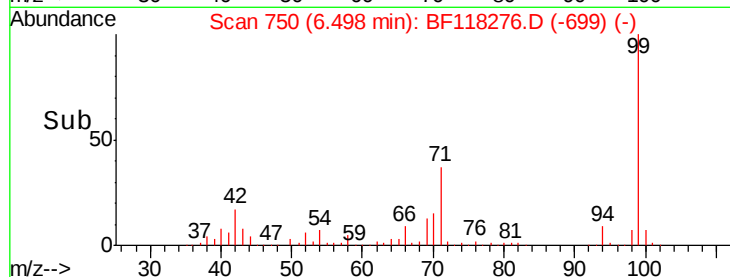
71 37.0 29.7 44.5



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: 46.383 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF118276.D

Acq: 19 Dec 2019 13:42

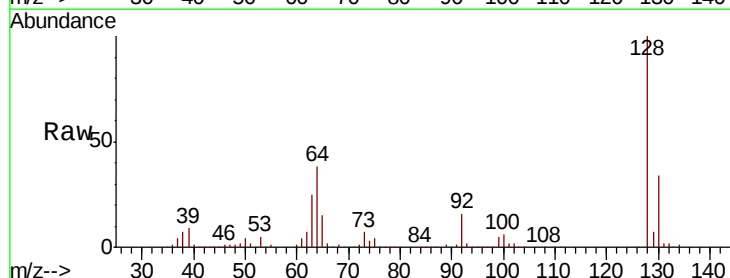
Tgt Ion:128 Resp: 342607

Ion Ratio Lower Upper

128 100

130 33.6 12.1 52.1

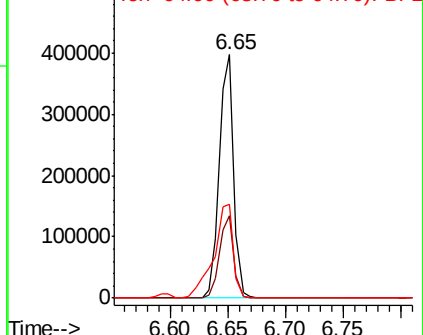
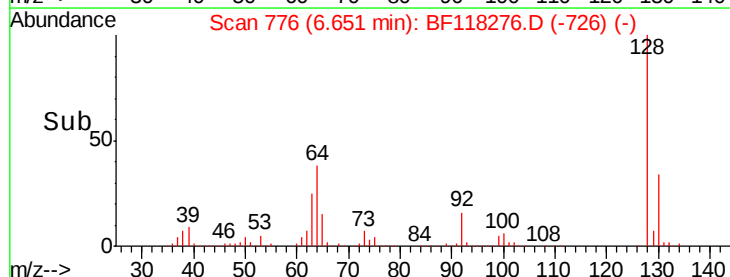
64 38.5 19.3 59.3

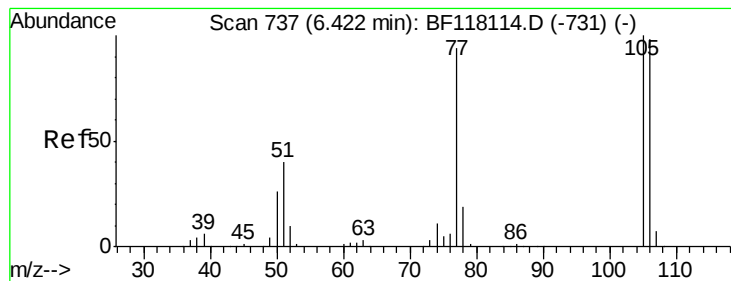


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 58.233 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF118276.D

Acq: 19 Dec 2019 13:42

Instrument :

BNA_F

ClientSampleId :

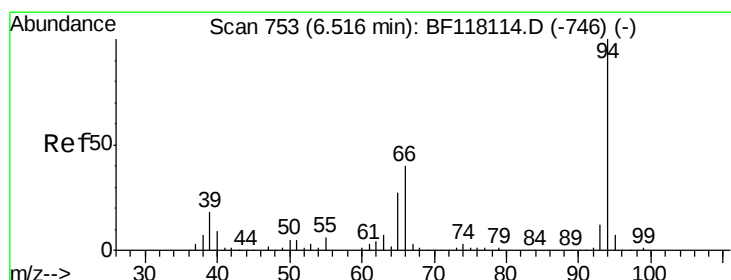
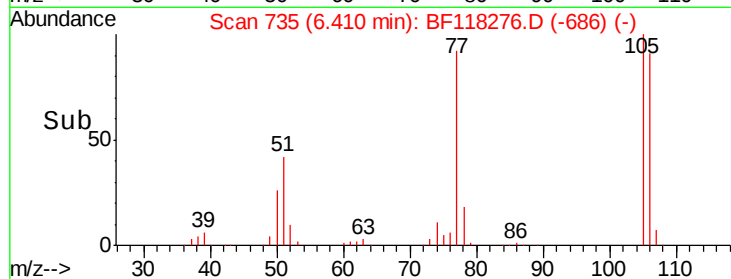
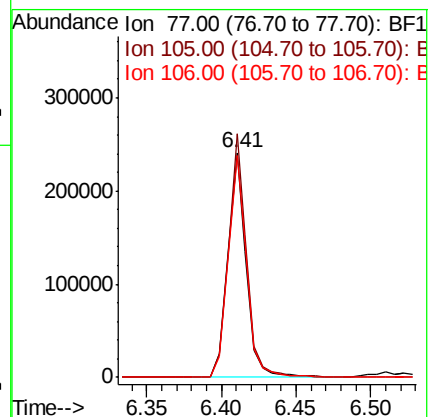
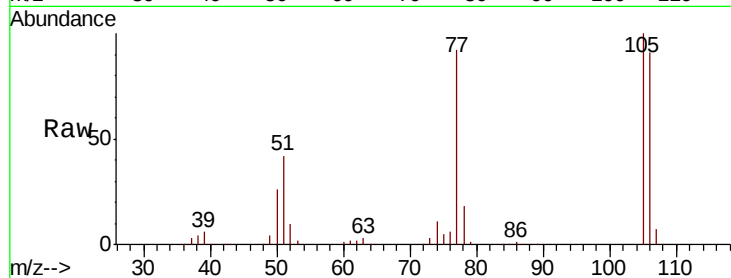
Tot Ion: 77 Resp: 210275

Ion Ratio Lower Upper

77 100

105 108.3 86.4 126.4

106 98.8 83.8 123.8



#10

Phenol

Concen: 44.761 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118276.D

Acq: 19 Dec 2019 13:42

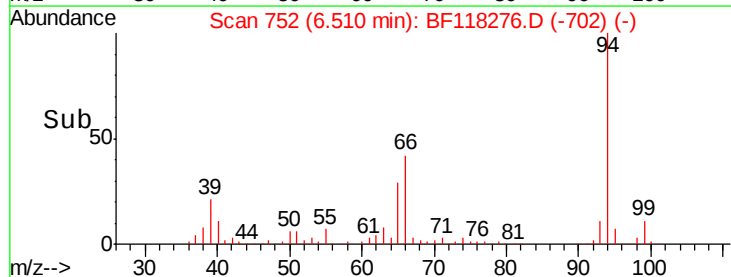
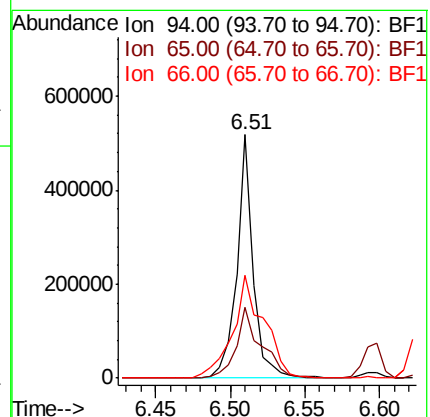
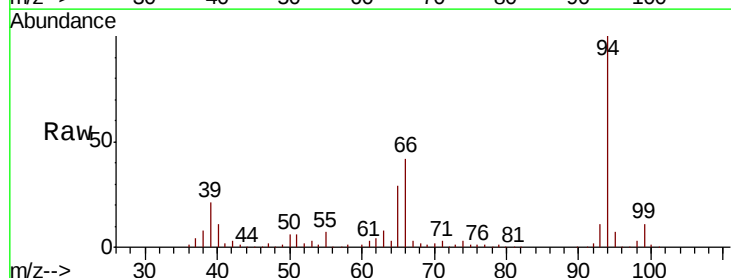
Tgt Ion: 94 Resp: 404459

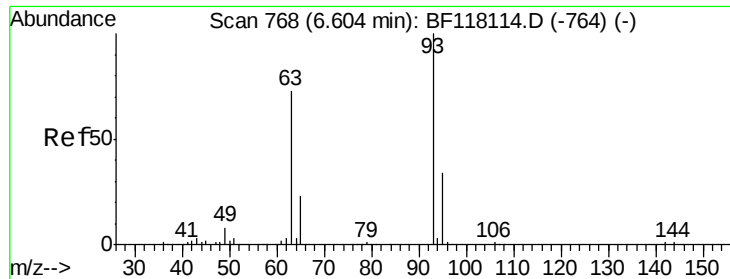
Ion Ratio Lower Upper

94 100

65 28.9 7.3 47.3

66 42.1 20.2 60.2

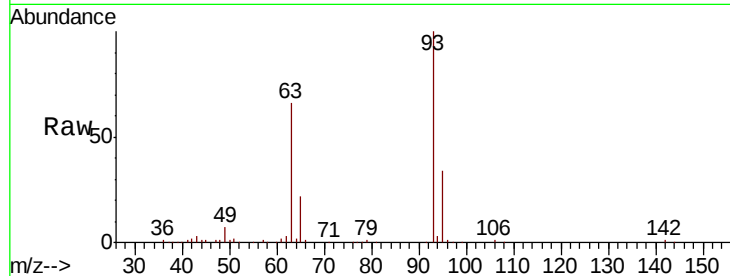




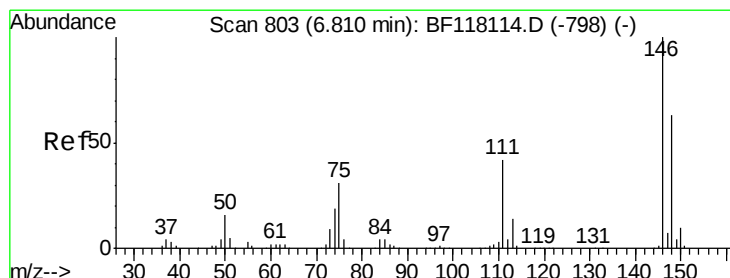
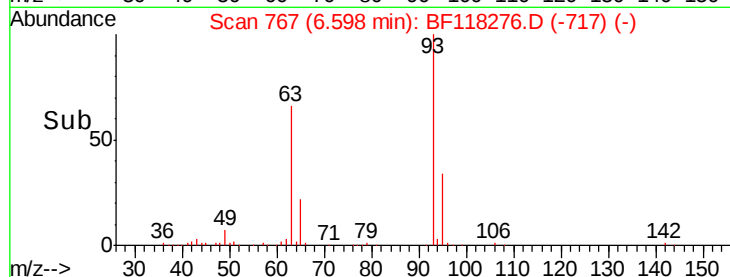
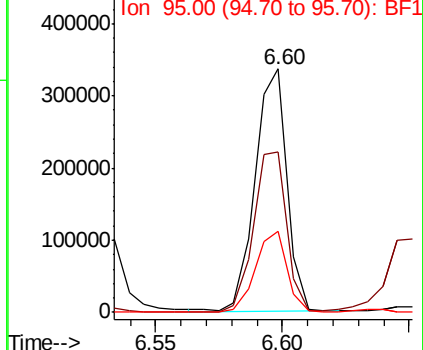
#11
bis(2-Chloroethyl)ether
Concen: 44.918 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 293552
Ion Ratio Lower Upper
93 100
63 66.1 53.2 93.2
95 33.5 13.8 53.8

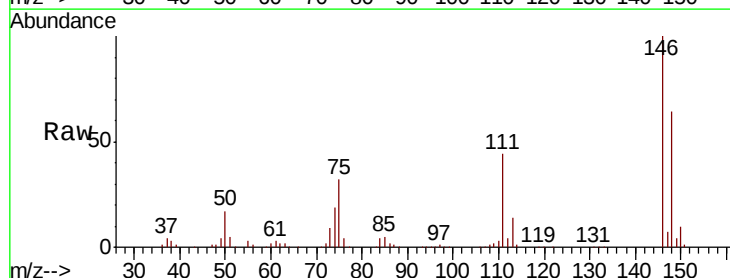


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

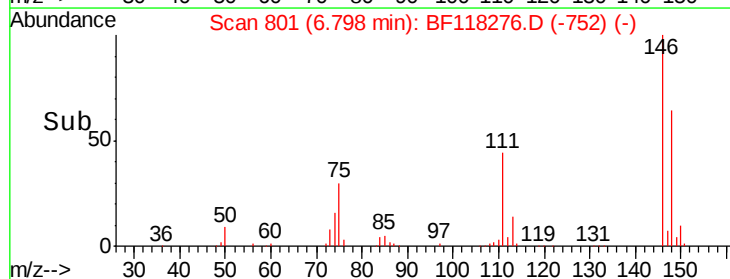
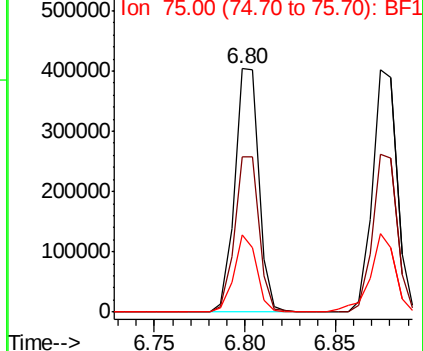


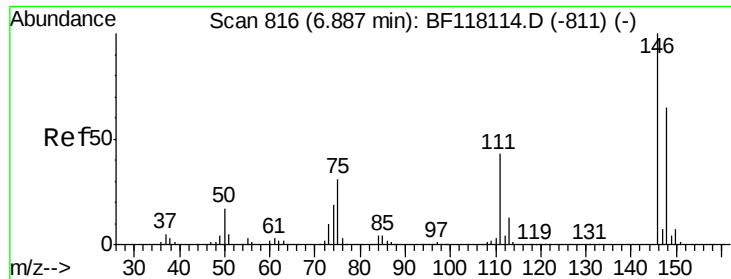
#12
1,3-Dichlorobenzene
Concen: 43.394 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

Tgt Ion: 146 Resp: 374439
Ion Ratio Lower Upper
146 100
148 63.6 50.2 75.4
75 31.6 24.6 37.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

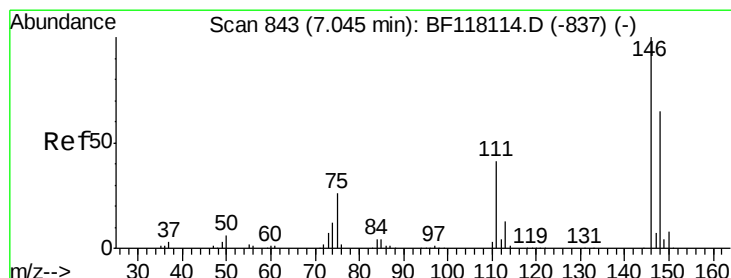
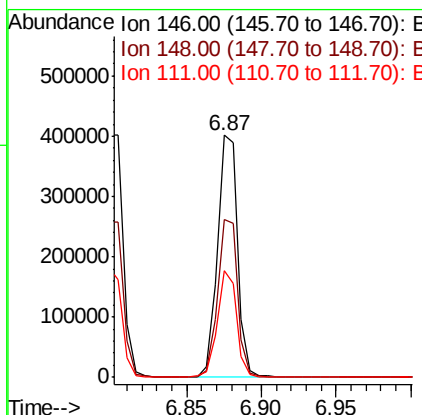
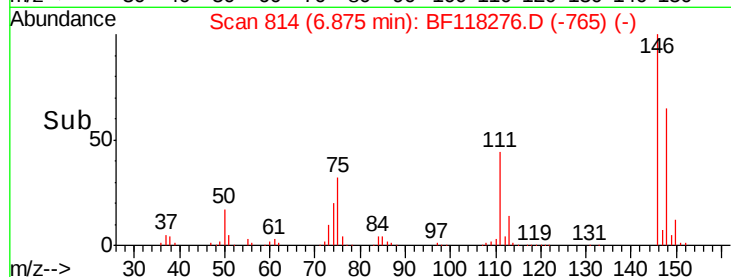
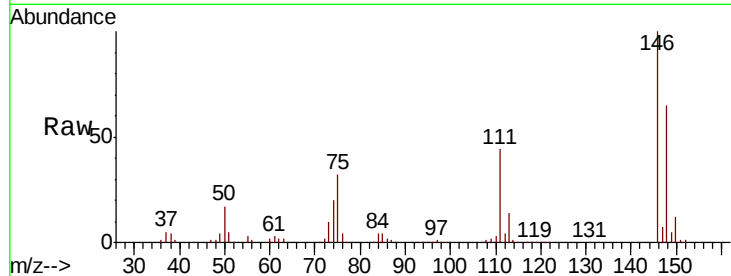




#13
 1,4-Dichlorobenzene
 Concen: 43.875 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF118276.D
 Acq: 19 Dec 2019 13:42

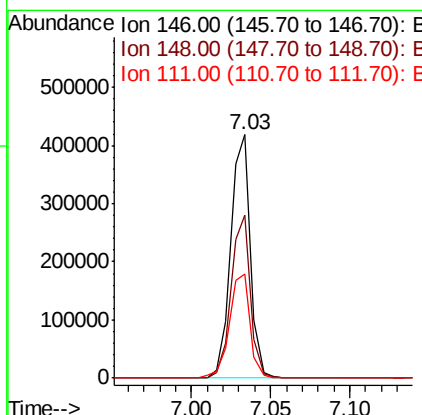
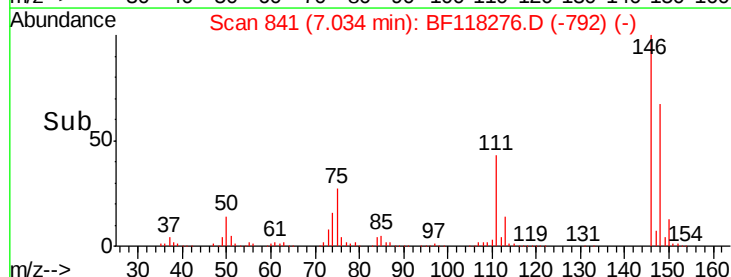
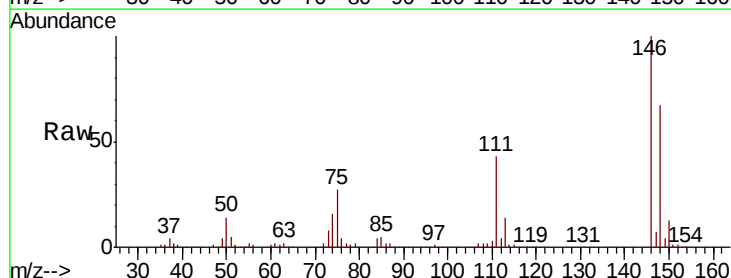
Instrument :
 BNA_F
 ClientSampleId :

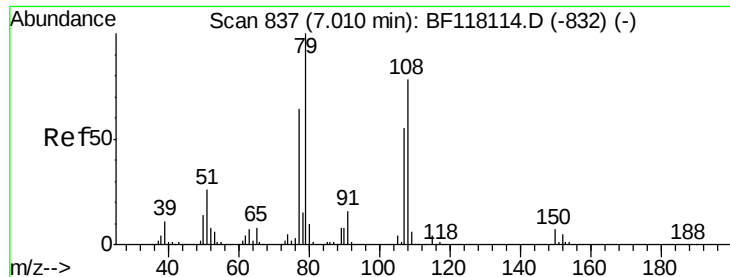
Tot Ion:146 Resp: 381222
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.1 78.1
 111 43.8 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 43.989 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF118276.D
 Acq: 19 Dec 2019 13:42

Tgt Ion:146 Resp: 358932
 Ion Ratio Lower Upper
 146 100
 148 67.0 52.2 78.2
 111 43.0 33.1 49.7





#15

Benzyl Alcohol

Concen: 45.540 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF118276.D

Acq: 19 Dec 2019 13:42

Instrument :

BNA_F

ClientSampleId :

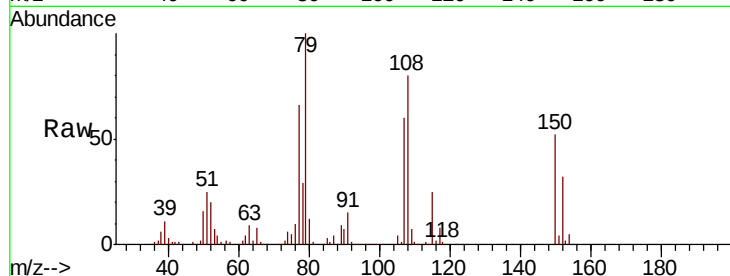
Tot Ion: 79 Resp: 281666

Ion Ratio Lower Upper

79 100

108 80.3 62.7 94.1

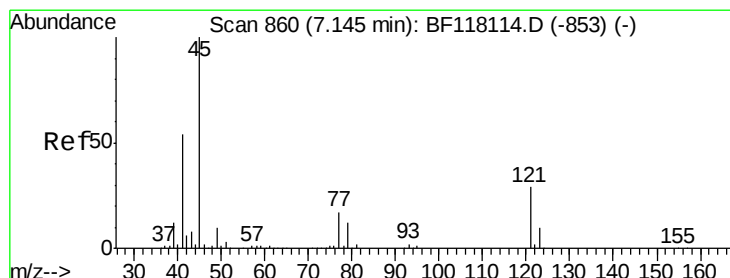
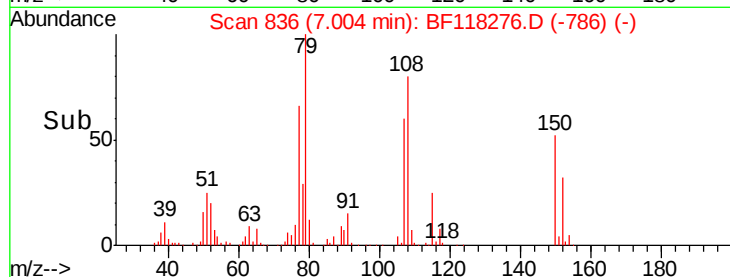
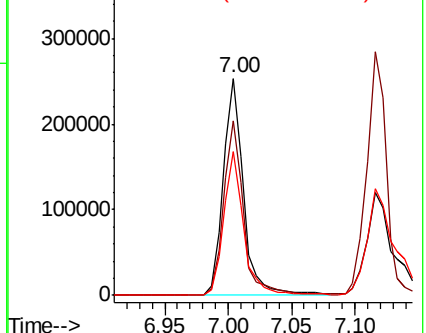
77 66.1 51.4 77.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.344 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF118276.D

Acq: 19 Dec 2019 13:42

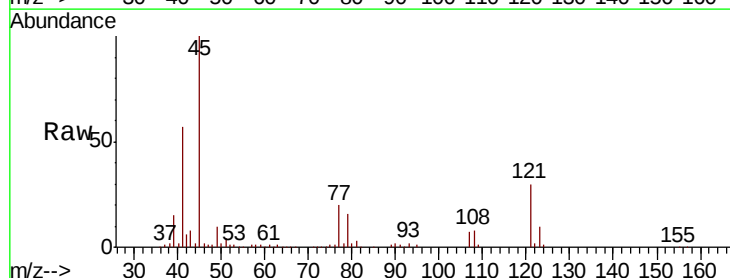
Tgt Ion: 45 Resp: 332730

Ion Ratio Lower Upper

45 100

77 20.1 0.0 38.0

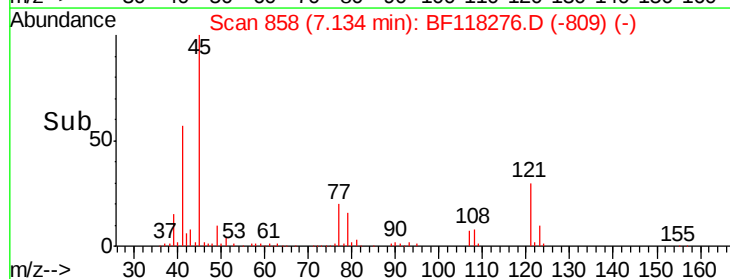
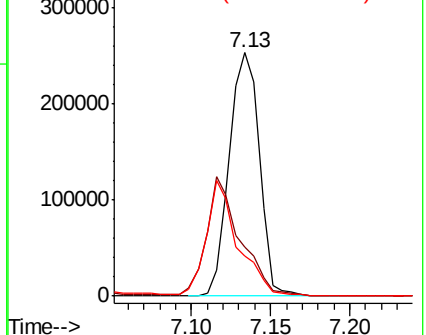
79 16.5 0.0 33.2

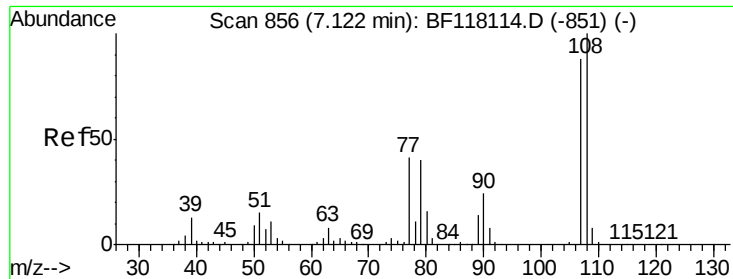


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

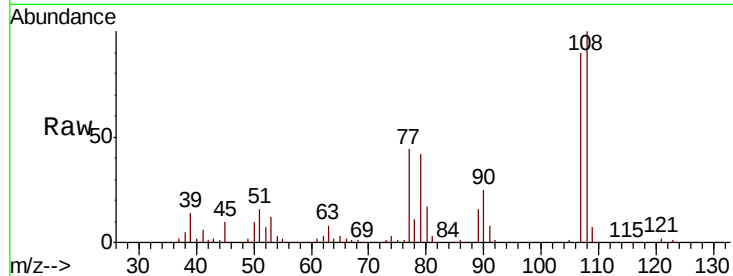




#17
2-Methylphenol
Concen: 46.196 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	271399
Ion	Ratio	Lower	Upper
107	100		
108	111.4	91.1	136.7
77	48.8	37.8	56.6
79	47.2	37.0	55.6



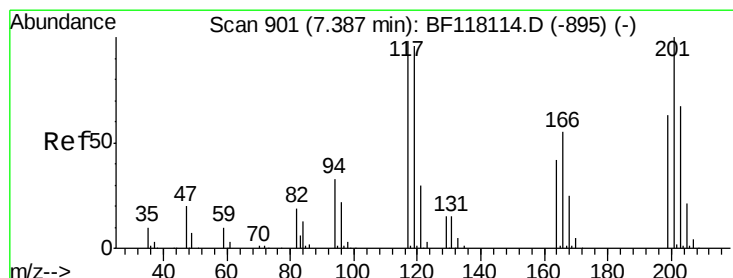
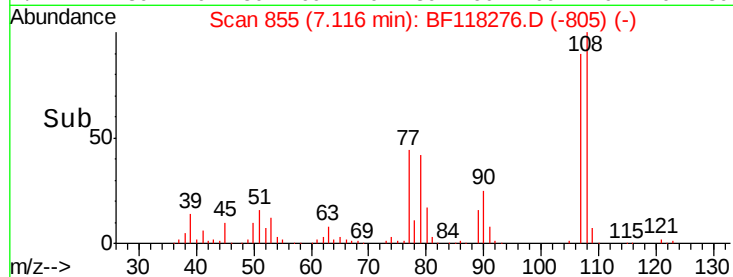
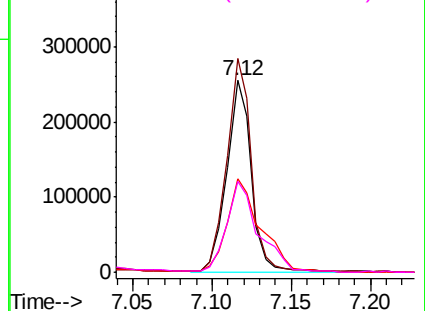
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

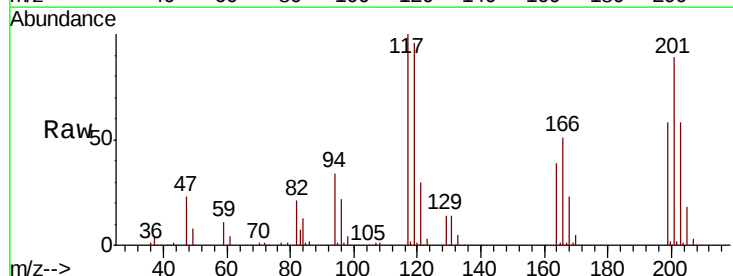
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 43.217 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

Tgt Ion:	117	Resp:	138365
Ion	Ratio	Lower	Upper
117	100		
119	96.5	78.2	117.4
201	89.0	81.6	122.4

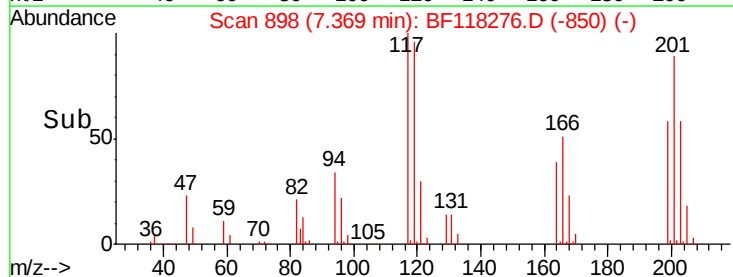
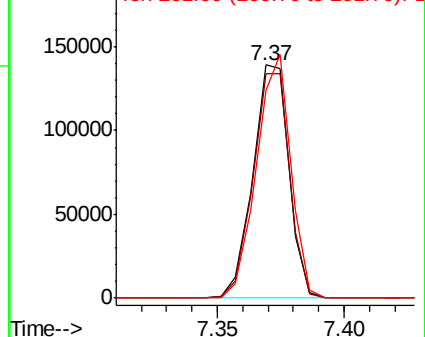


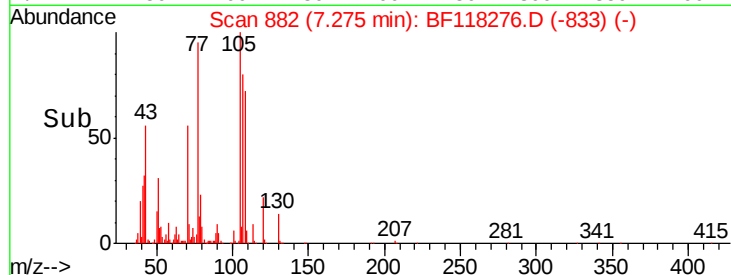
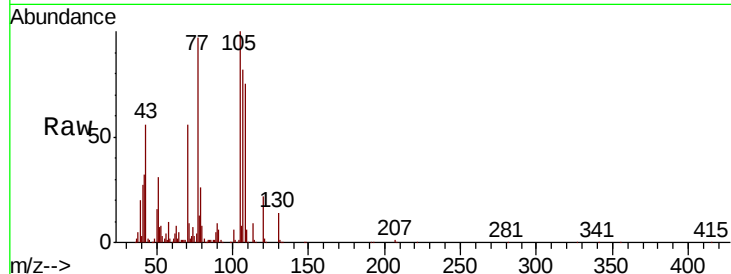
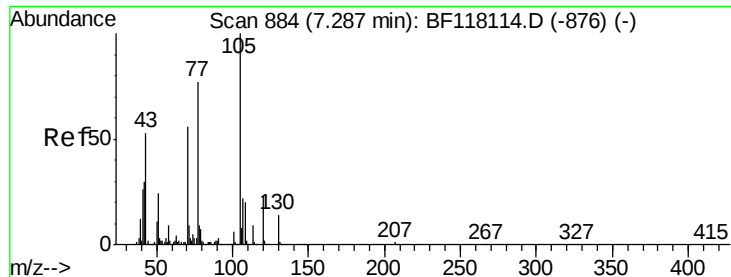
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

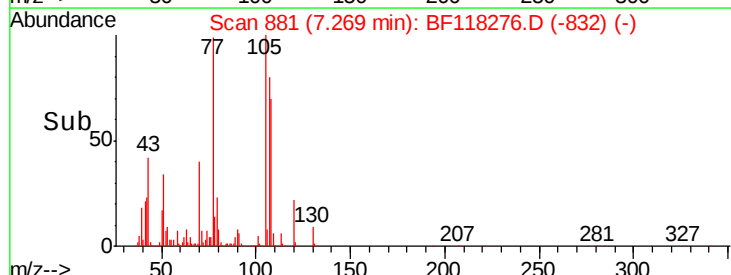
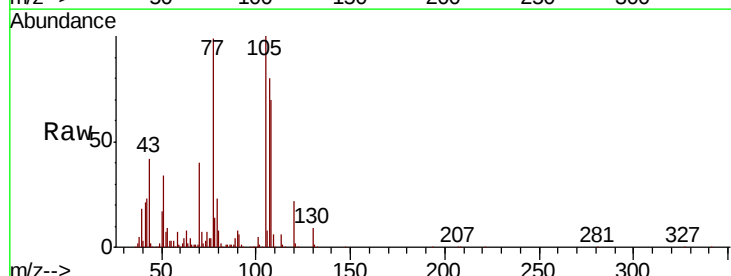
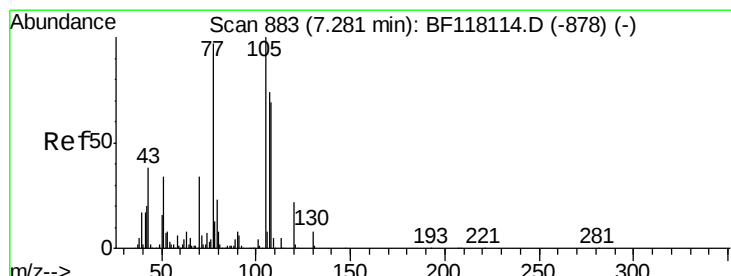
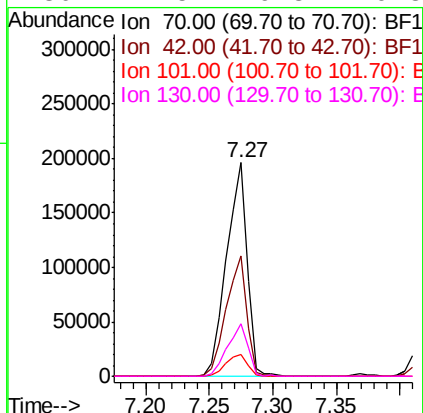




#19
n-Nitroso-di-n-propylamine
Concen: 45.882 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

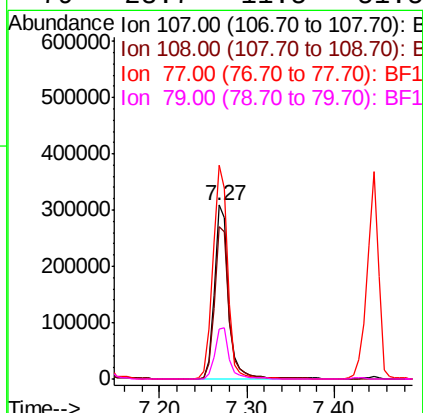
Instrument :
BNA_F
ClientSampleId :

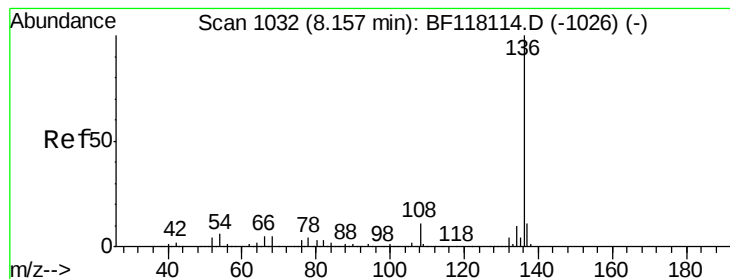
Tot Ion	Ratio	Lower	Upper
70	100		
42	56.3	43.2	64.8
101	10.5	8.1	12.1
130	24.5	19.8	29.8



#20
3+4-Methylphenols
Concen: 46.644 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.6	73.2	113.2
77	123.0	110.9	150.9
79	28.7	11.5	51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF118276.D

Acq: 19 Dec 2019 13:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 468690

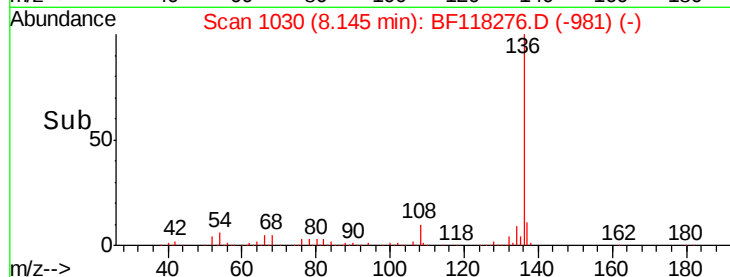
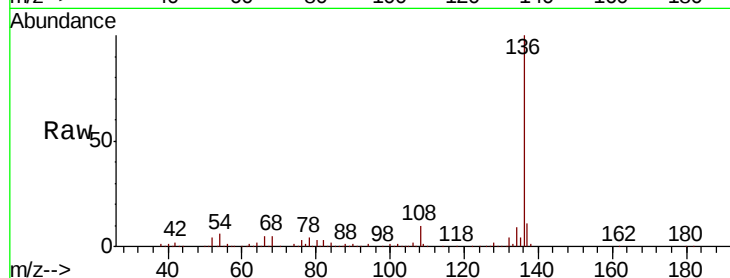
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 6.5 5.0 7.6

68 4.7 3.8 5.8

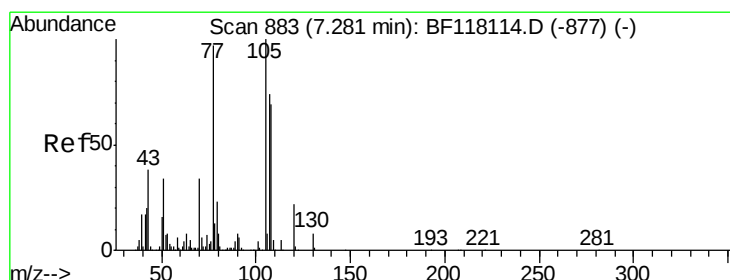
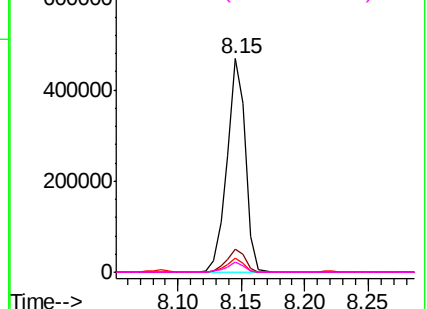


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.764 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF118276.D

Acq: 19 Dec 2019 13:42

Tgt Ion:105 Resp: 459006

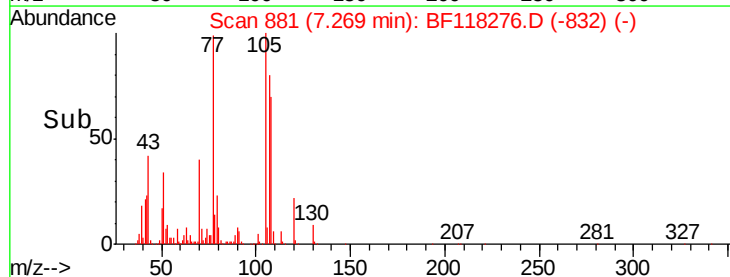
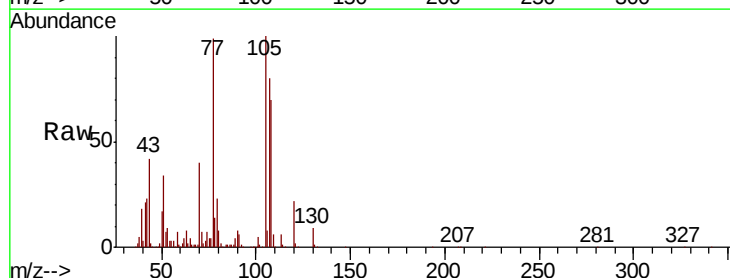
Ion Ratio Lower Upper

105 100

71 6.7 4.7 7.1

51 33.8 27.1 40.7

120 22.2 17.8 26.6

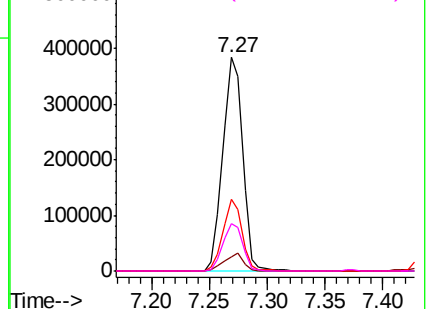


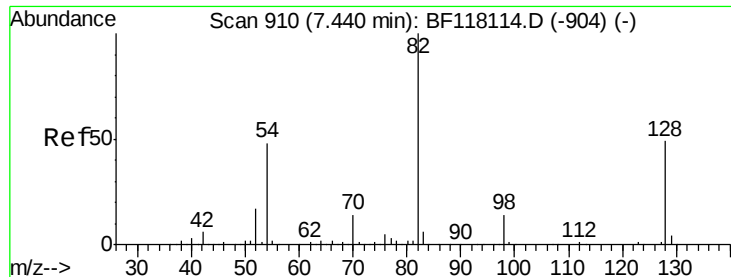
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

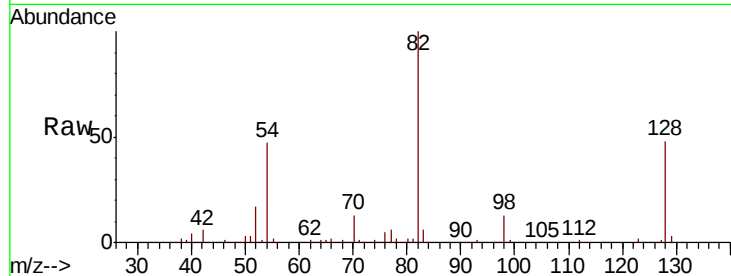




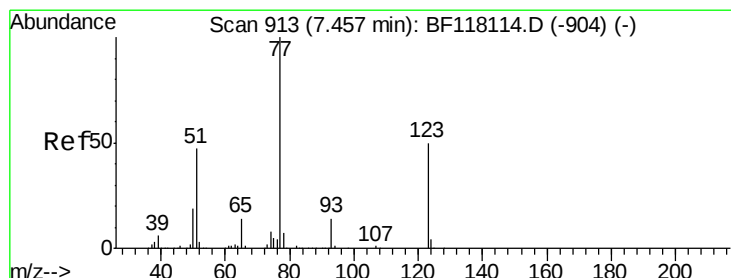
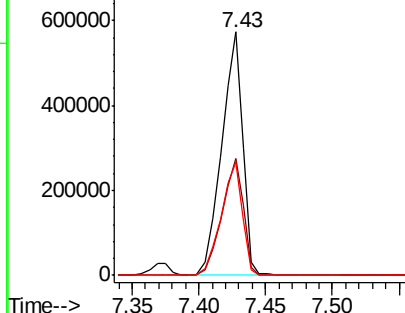
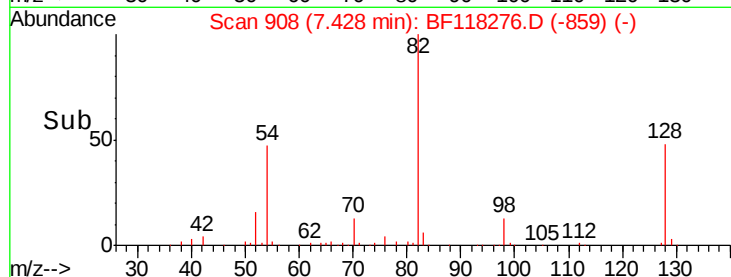
#23
 Nitrobenzene-d5
 Concen: 76.689 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF118276.D
 Acq: 19 Dec 2019 13:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	638905
Ion Ratio	100	Lower	Upper
128	48.2	39.1	58.7
54	46.6	38.2	57.2

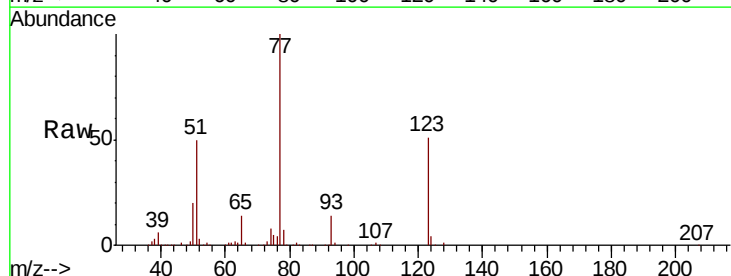


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

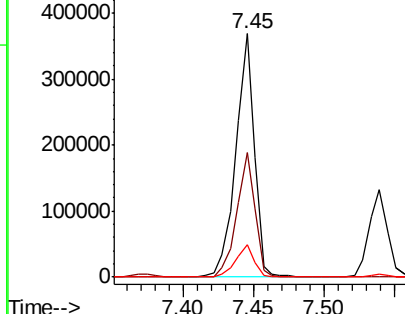
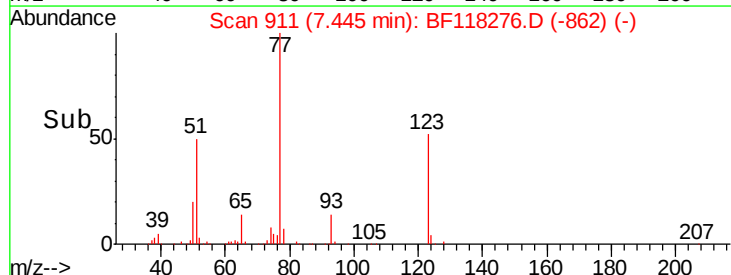


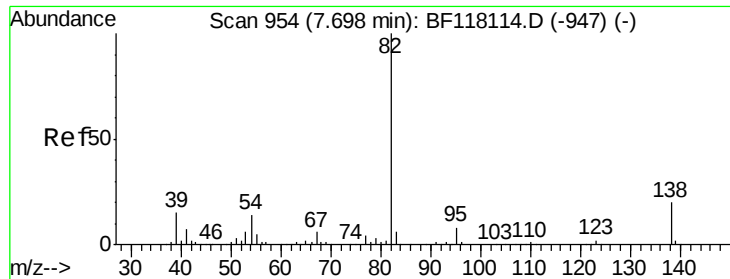
#24
 Nitrobenzene
 Concen: 41.033 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF118276.D
 Acq: 19 Dec 2019 13:42

Tgt Ion	77	Resp	335863
Ion Ratio	100	Lower	Upper
123	51.2	40.1	60.1
65	13.5	10.9	16.3



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

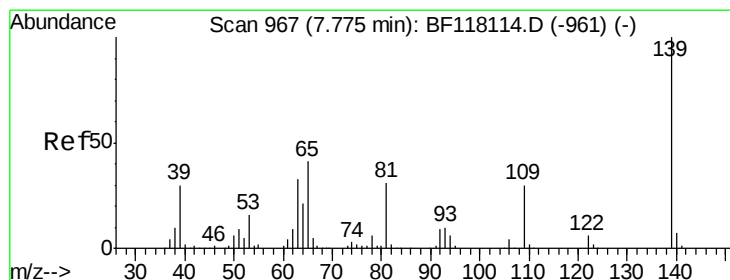
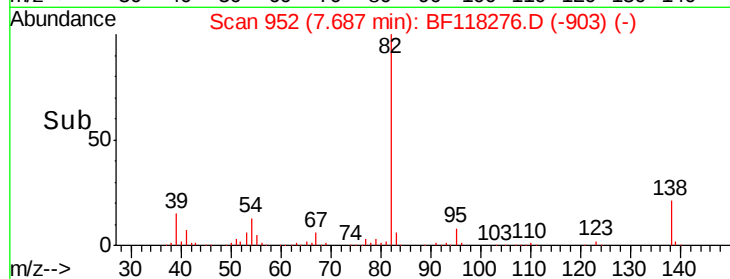
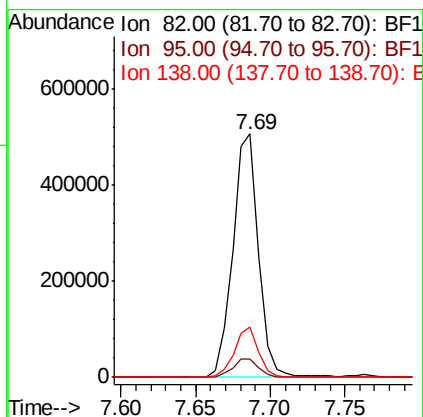
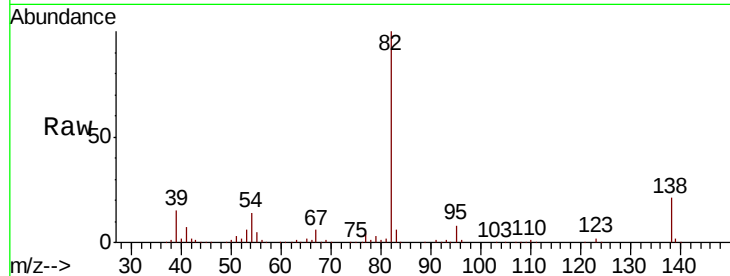




#25
Isophorone
Concen: 43.050 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

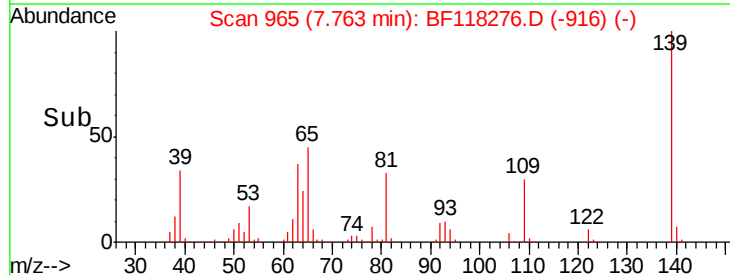
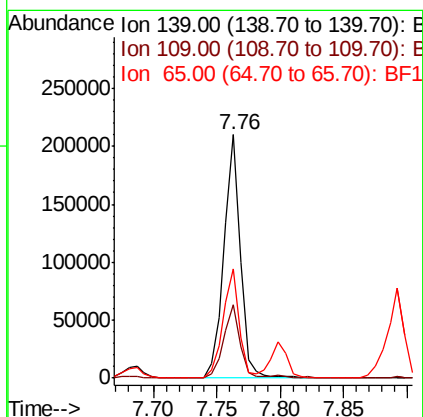
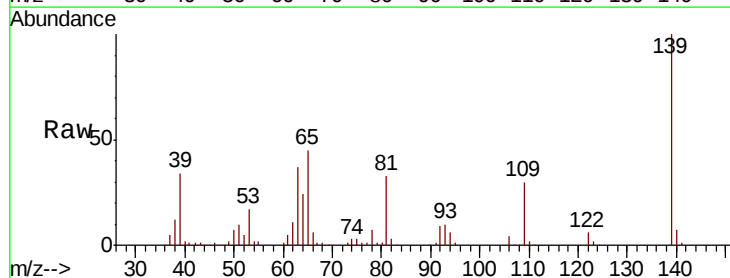
Instrument :
BNA_F
ClientSampleId :

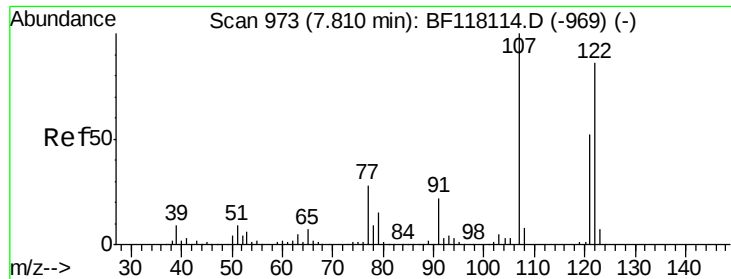
Tot Ion: 82 Resp: 607991
Ion Ratio Lower Upper
82 100
95 7.7 6.3 9.5
138 20.6 16.3 24.5



#26
2-Nitrophenol
Concen: 43.669 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

Tgt Ion: 139 Resp: 191049
Ion Ratio Lower Upper
139 100
109 30.3 23.9 35.9
65 45.0 33.0 49.6

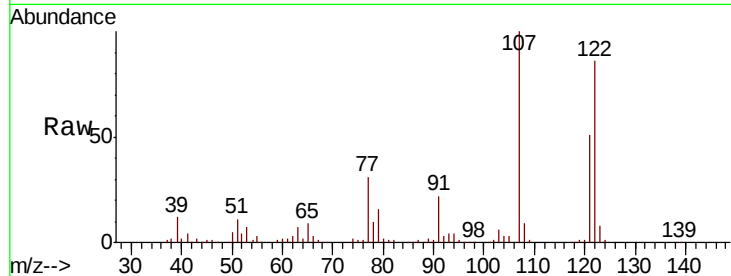




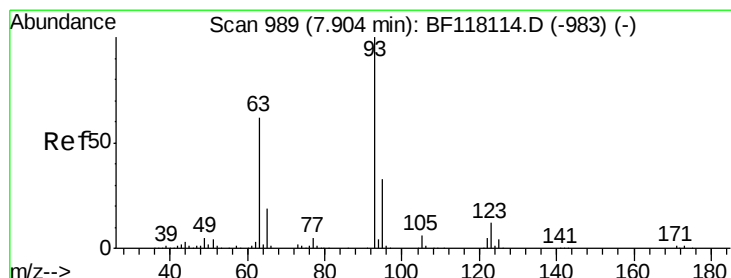
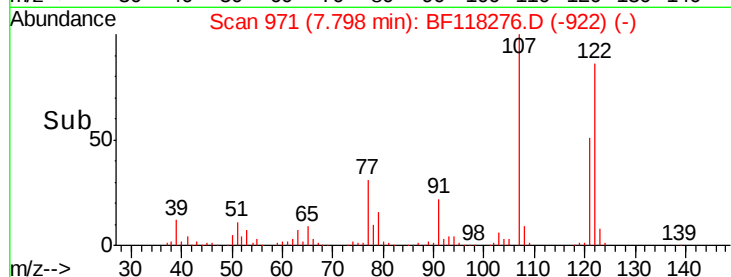
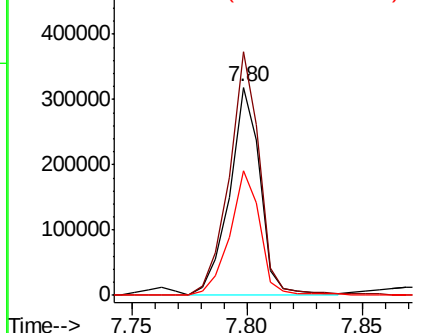
#27
2,4-Dimethylphenol
Concen: 50.689 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.9	92.9	139.3
121	60.0	48.3	72.5

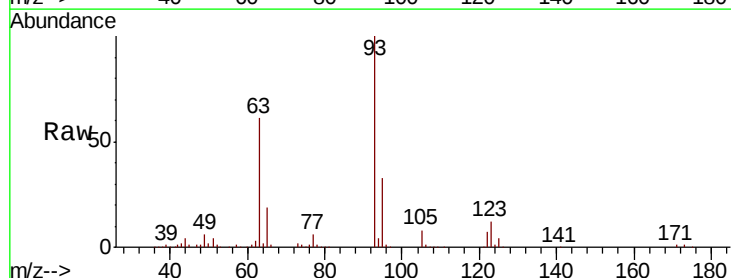


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

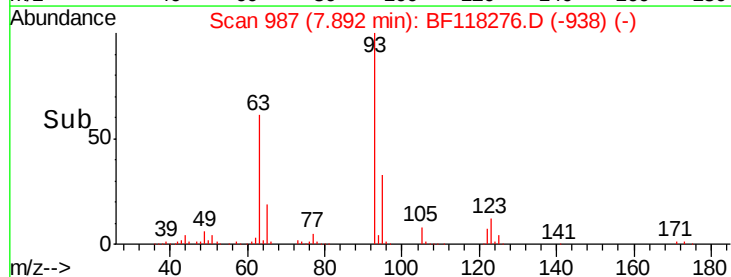
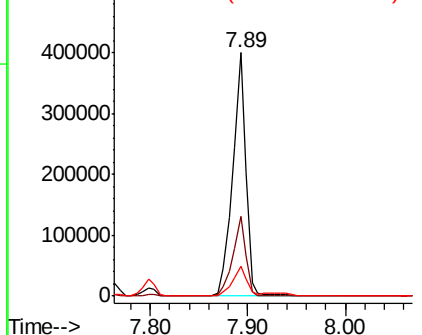


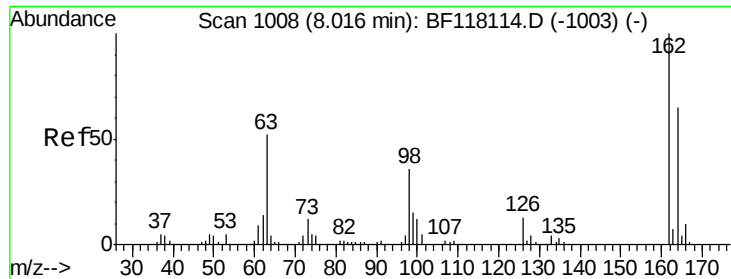
#28
bis(2-Chloroethoxy)methane
Concen: 40.911 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.7	40.1
123	12.2	10.0	15.0



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

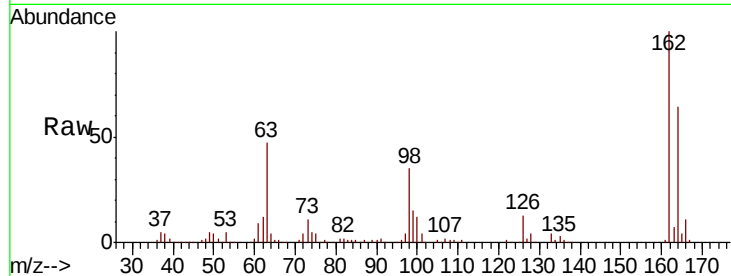




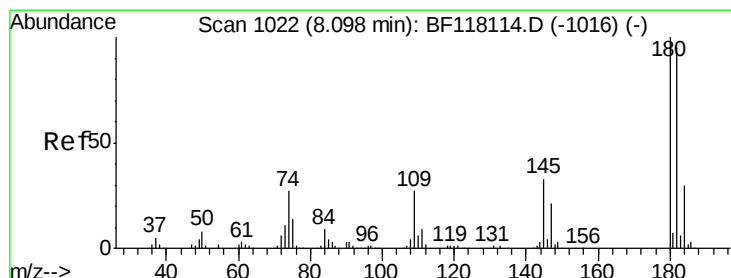
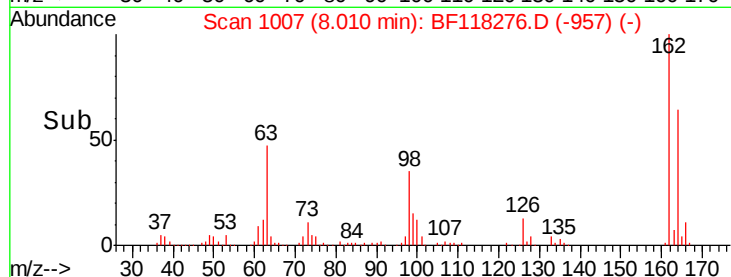
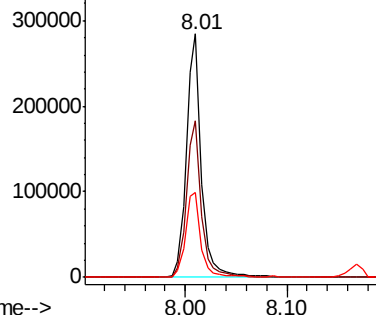
#29
2,4-Dichlorophenol
Concen: 42.844 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 291473
Ion Ratio Lower Upper
162 100
164 64.4 45.2 85.2
98 35.0 15.9 55.9

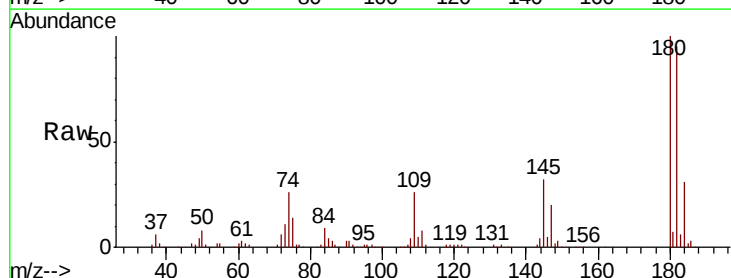


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

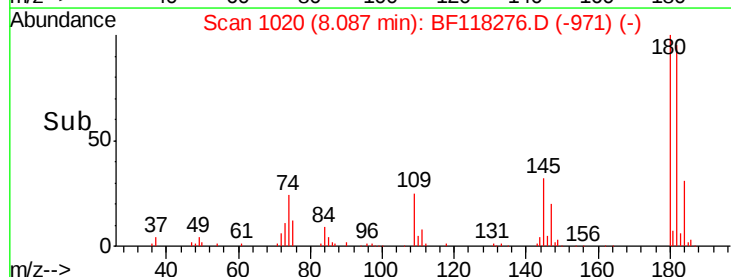
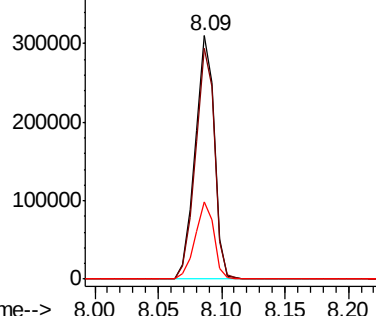


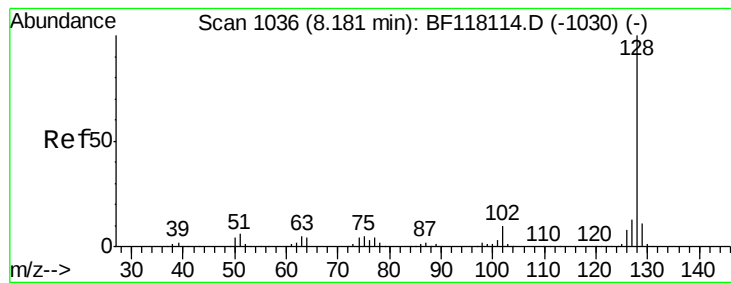
#30
1,2,4-Trichlorobenzene
Concen: 40.896 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

Tgt Ion:180 Resp: 325139
Ion Ratio Lower Upper
180 100
182 94.8 76.1 114.1
145 31.9 26.1 39.1



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.185 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF118276.D

Acq: 19 Dec 2019 13:42

Instrument :

BNA_F

ClientSampled :

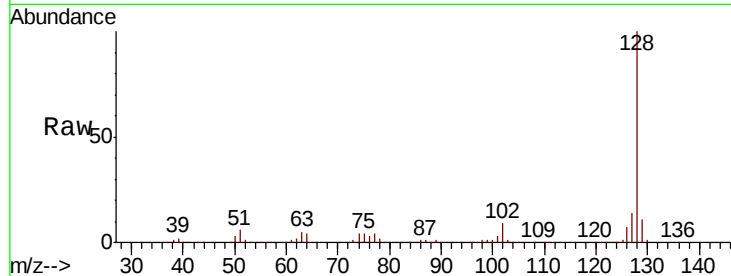
Tot Ion:128 Resp: 1016526

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

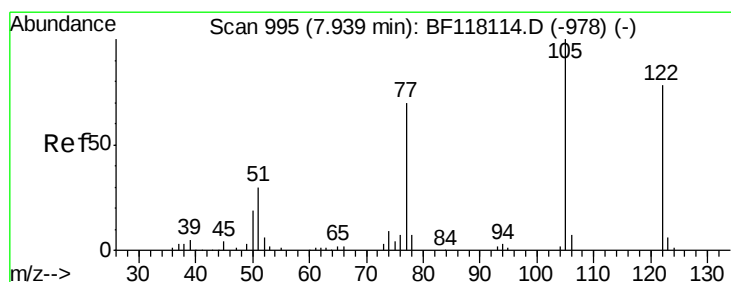
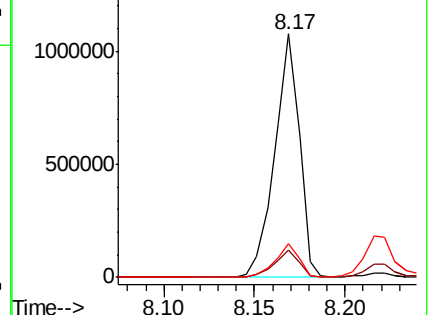
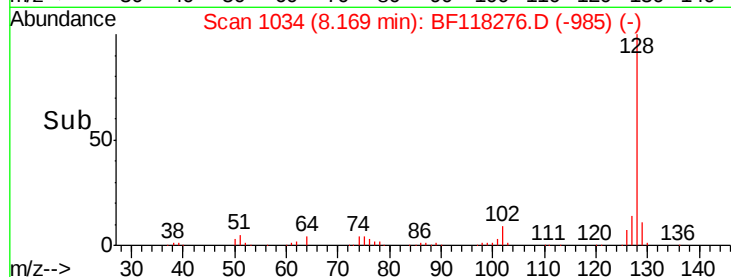
127 13.7 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.915 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF118276.D

Acq: 19 Dec 2019 13:42

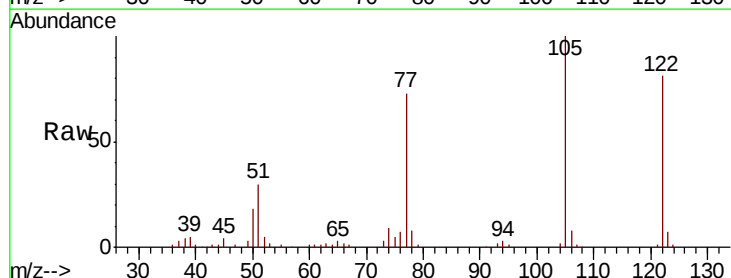
Tgt Ion:122 Resp: 199773

Ion Ratio Lower Upper

122 100

105 123.8 104.7 144.7

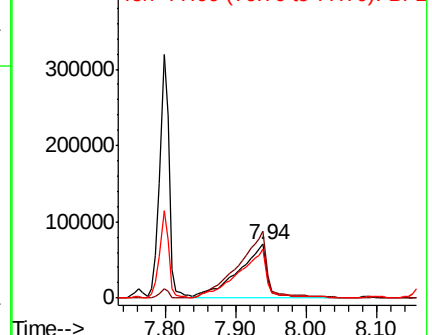
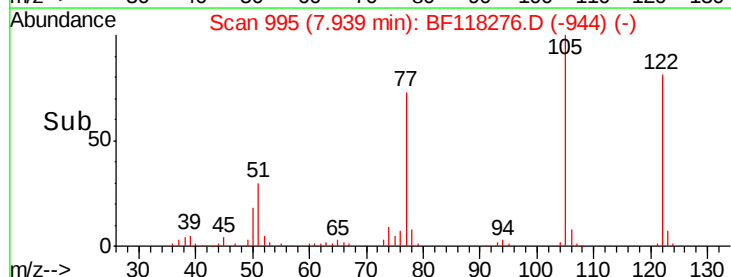
77 90.4 69.1 109.1

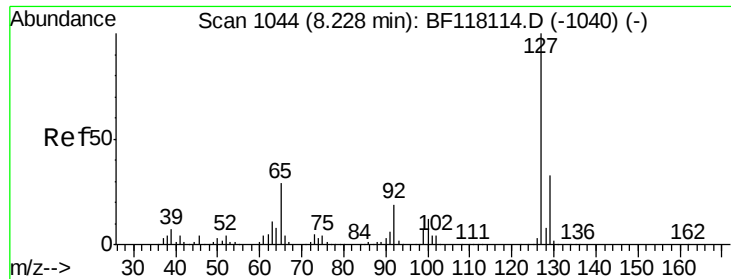


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

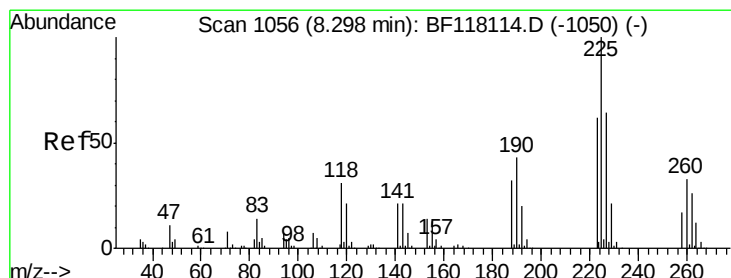
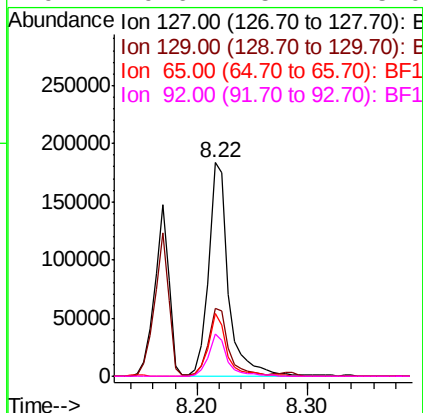
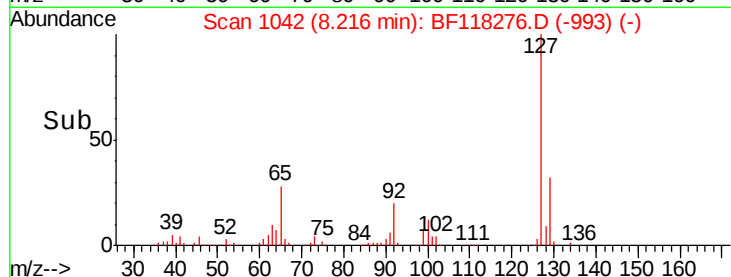
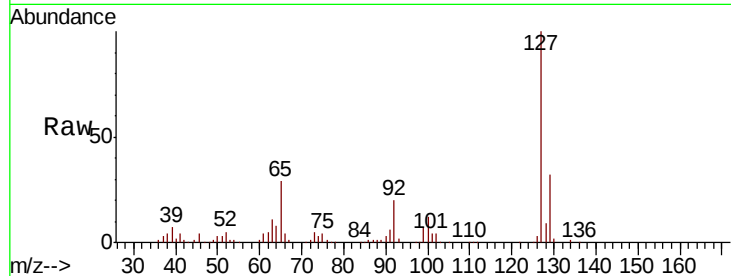




#33
4-Chloroaniline
Concen: 21.970 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

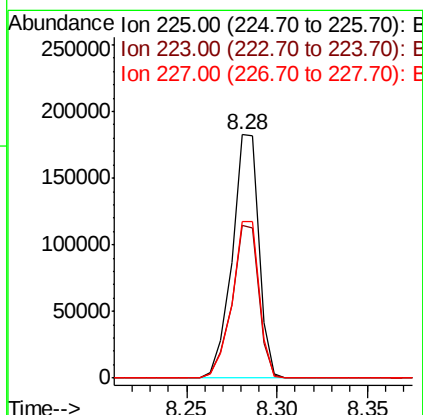
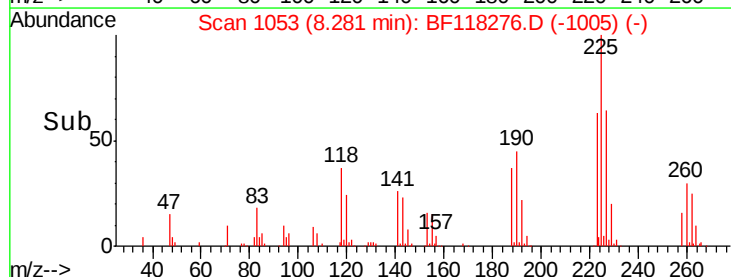
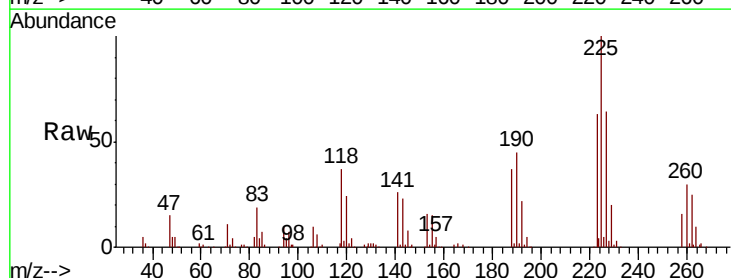
Instrument :
BNA_F
ClientSampleId :

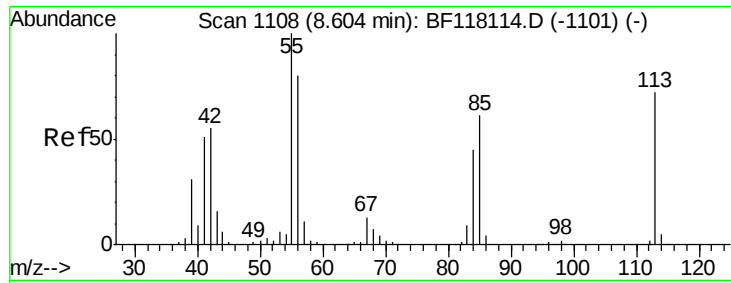
Tot Ion:	127	Resp:	223299
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.6	40.0
65	29.2	23.2	34.8
92	19.6	15.4	23.0



#34
Hexachlorobutadiene
Concen: 39.215 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

Tgt Ion:	225	Resp:	186953
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.6	74.4
227	64.5	51.0	76.6

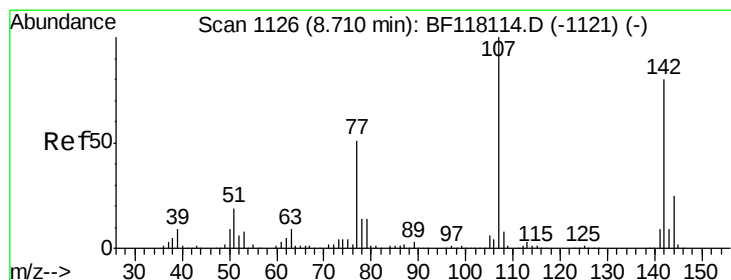
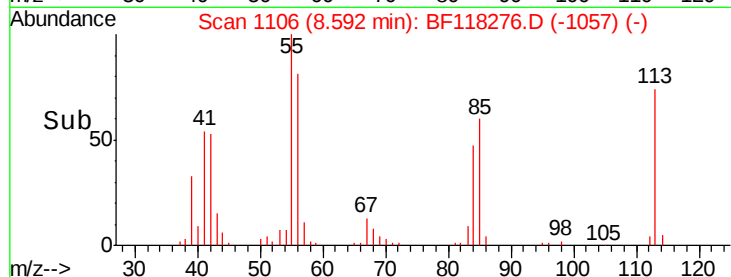
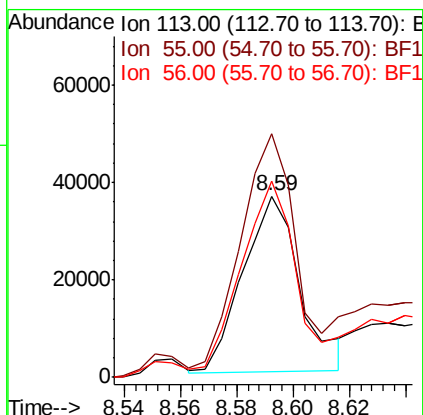
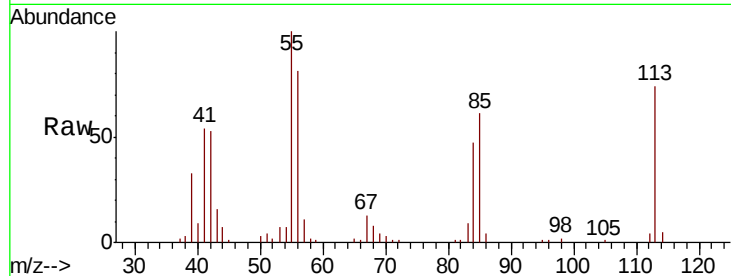




#35
Caprolactam
Concen: 24.051 ng
RT: 8.59 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

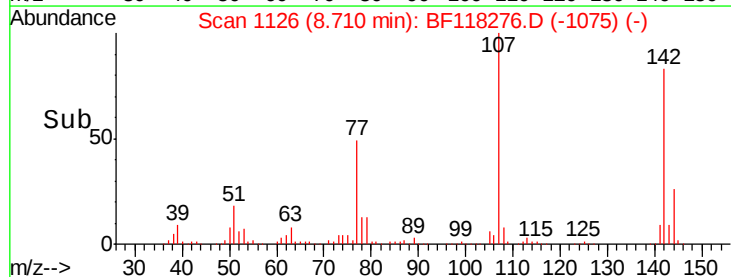
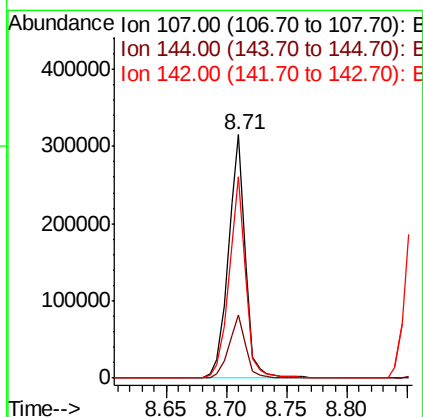
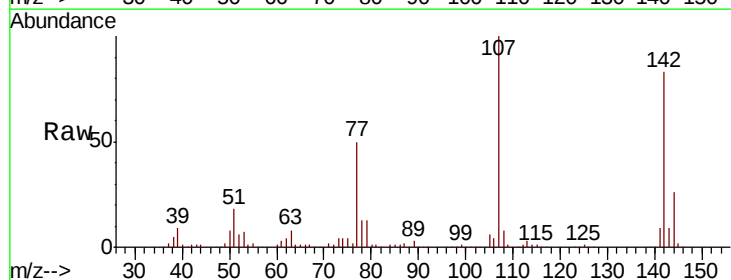
Instrument :
BNA_F
ClientSampleId :

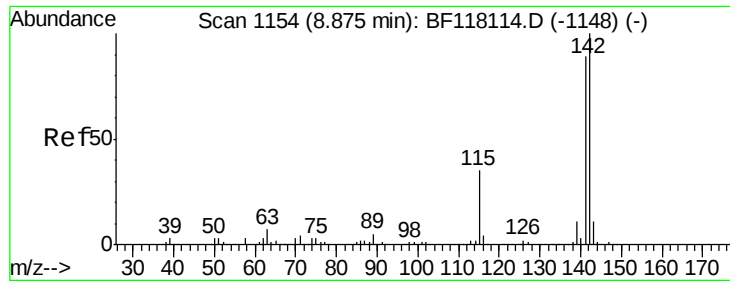
Tot Ion:113 Resp: 50458
Ion Ratio Lower Upper
113 100
55 134.5 118.9 158.9
56 108.6 91.4 131.4



#36
4-Chloro-3-methylphenol
Concen: 42.943 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

Tgt Ion:107 Resp: 307439
Ion Ratio Lower Upper
107 100
144 26.2 20.3 30.5
142 82.7 63.7 95.5

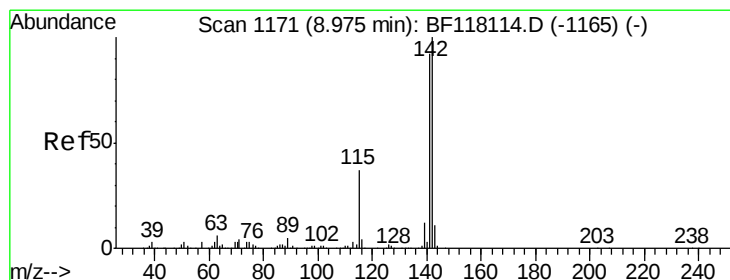
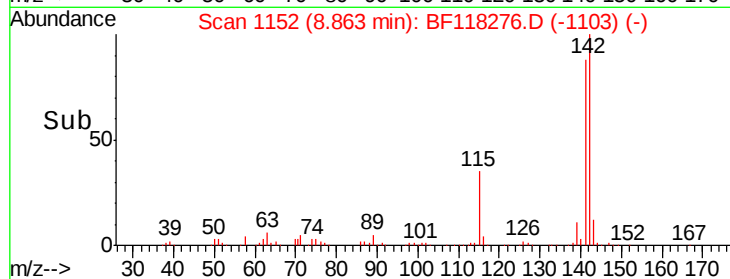
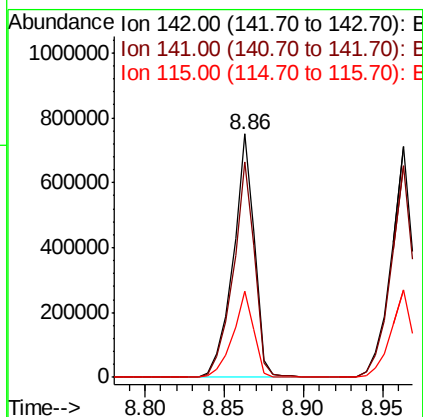
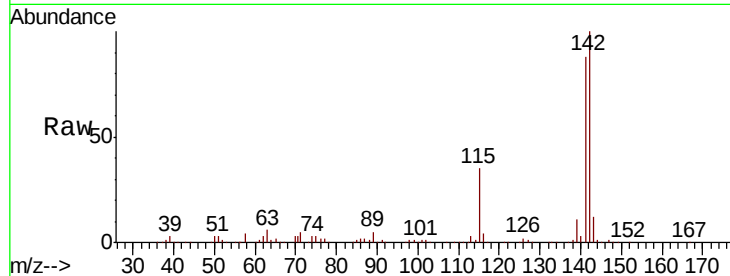




#37
2-Methylnaphthalene
Concen: 43.772 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

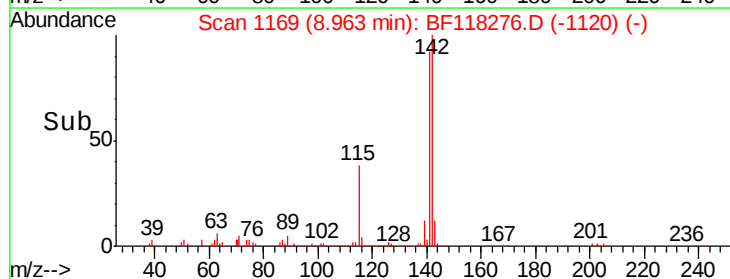
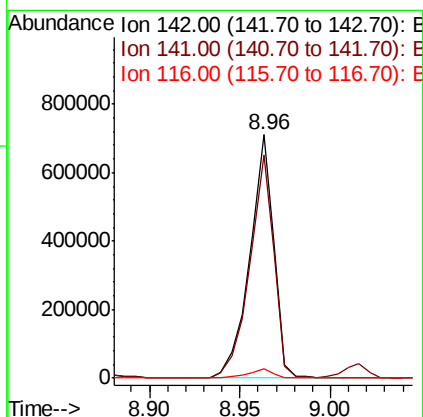
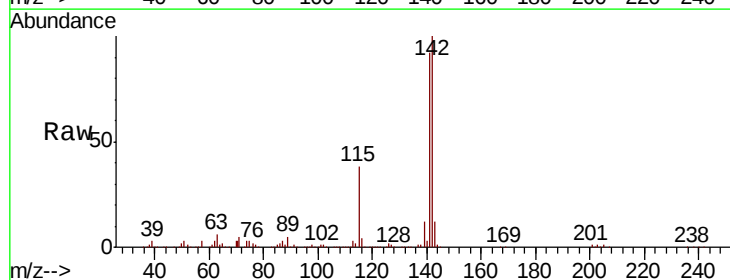
Instrument :
BNA_F
ClientSampled :

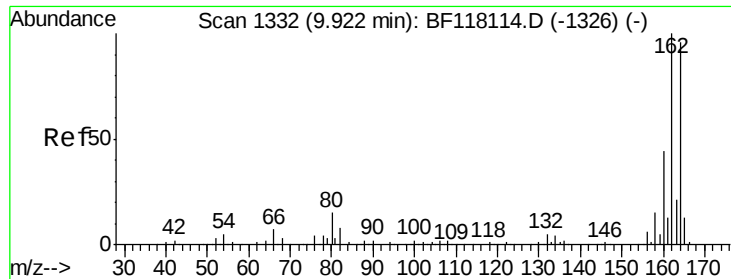
Tot Ion:142 Resp: 697539
Ion Ratio Lower Upper
142 100
141 88.4 71.4 107.0
115 35.5 28.2 42.4



#38
1-Methylnaphthalene
Concen: 43.289 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

Tgt Ion:142 Resp: 647721
Ion Ratio Lower Upper
142 100
141 91.6 74.0 111.0
116 3.8 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF118276.D

Acq: 19 Dec 2019 13:42

Instrument :

BNA_F

ClientSampleId :

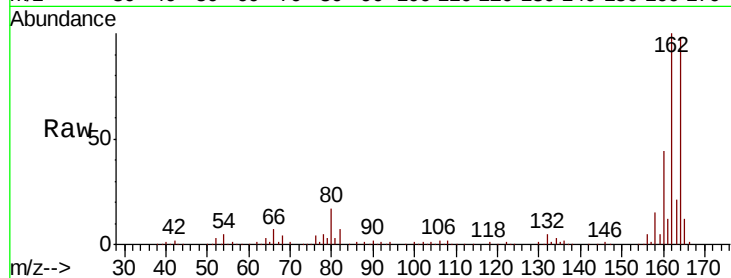
Tot Ion:164 Resp: 252749

Ion Ratio Lower Upper

164 100

162 101.9 83.4 125.0

160 44.5 36.6 54.8

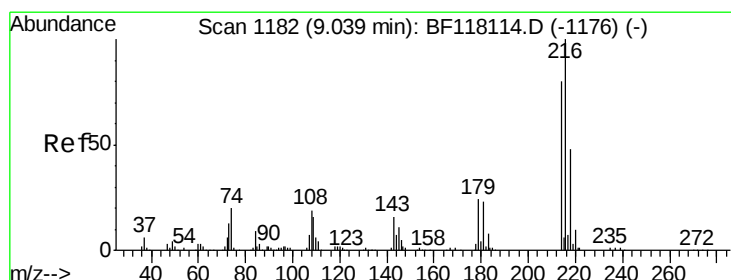
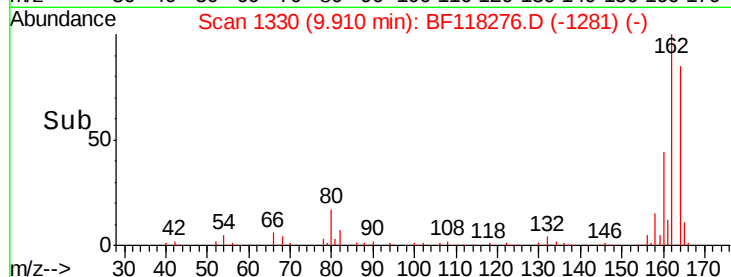
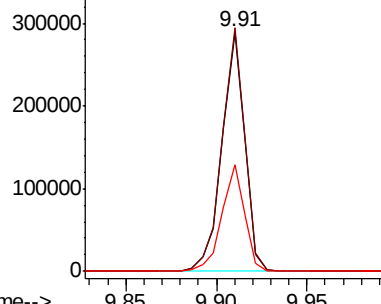


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.044 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF118276.D

Acq: 19 Dec 2019 13:42

Tgt Ion:216 Resp: 306603

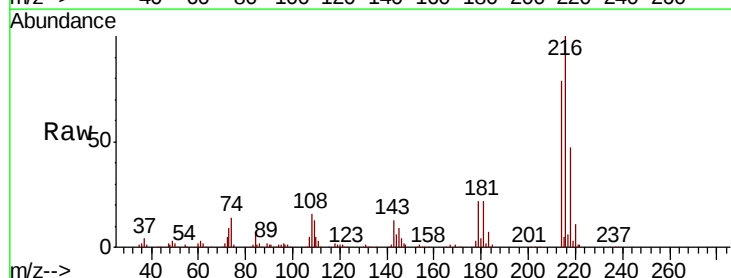
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.2

179 22.5 18.6 27.8

108 21.0 15.4 23.0



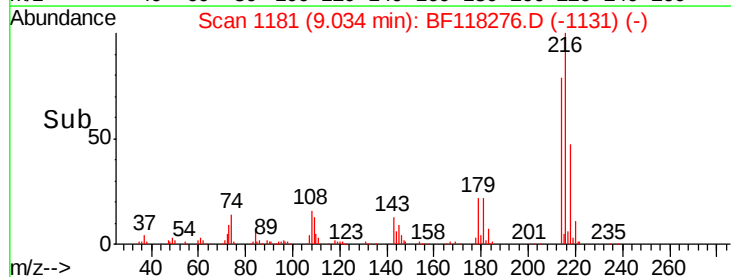
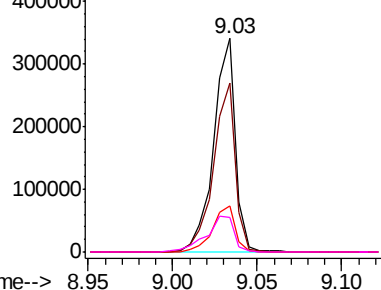
Abundance

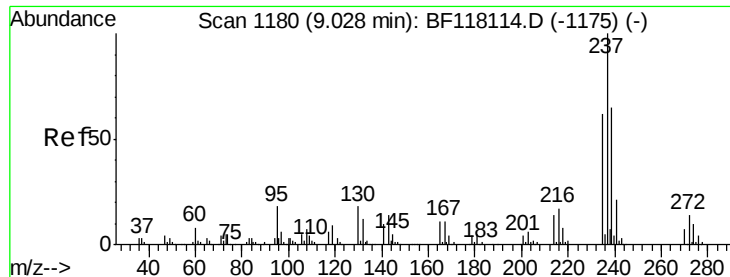
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 86.757 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF118276.D

Acq: 19 Dec 2019 13:42

Instrument :

BNA_F

ClientSampleId :

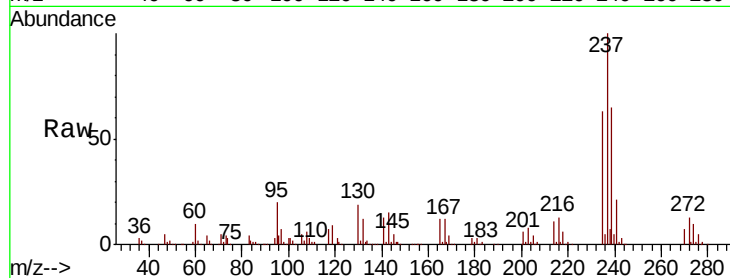
Tot Ion:237 Resp: 297626

Ion Ratio Lower Upper

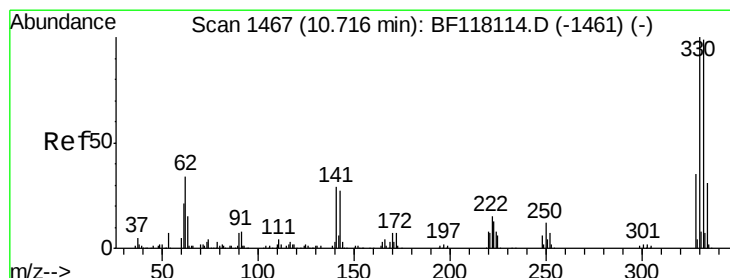
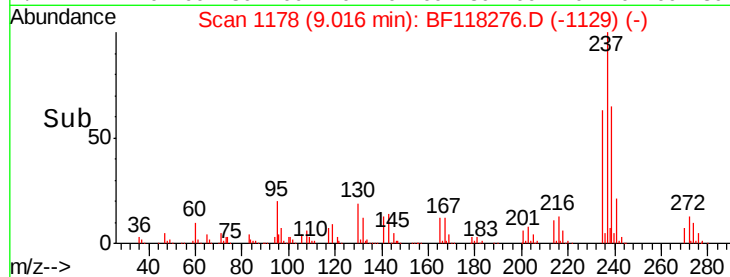
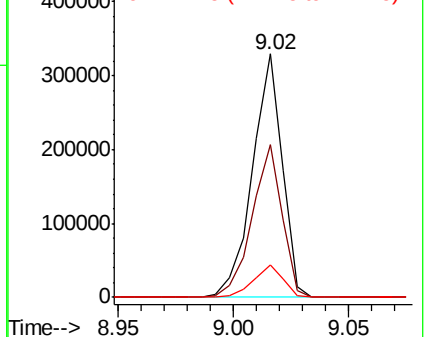
237 100

235 62.8 41.5 81.5

272 13.1 0.0 33.7



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: 114.157 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF118276.D

Acq: 19 Dec 2019 13:42

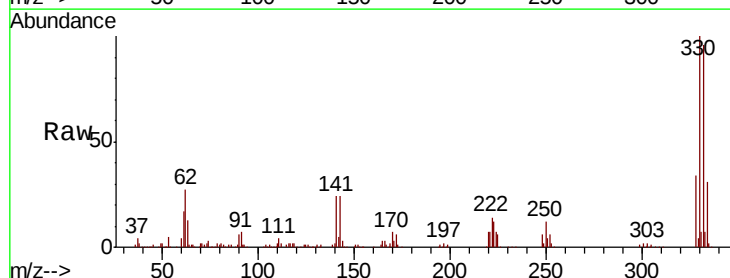
Tgt Ion:330 Resp: 350513

Ion Ratio Lower Upper

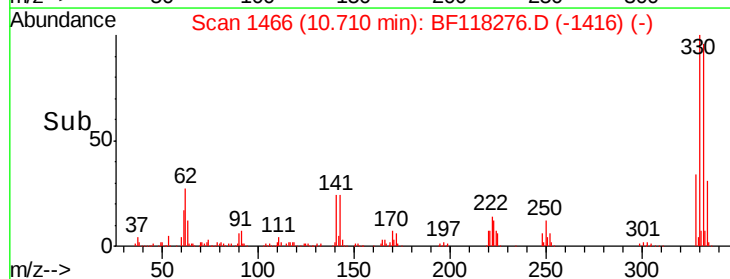
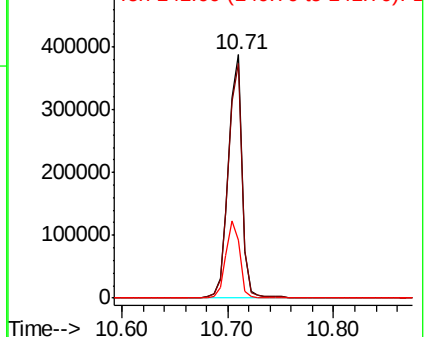
330 100

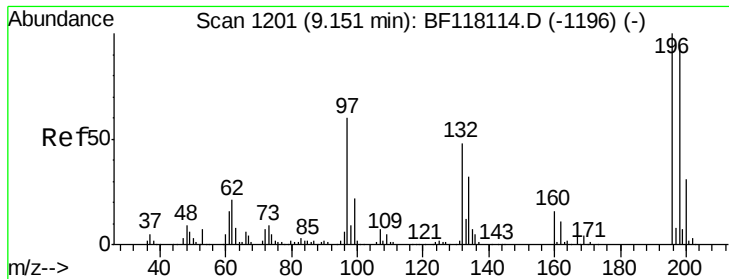
332 97.7 78.1 117.1

141 32.6 26.9 40.3



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

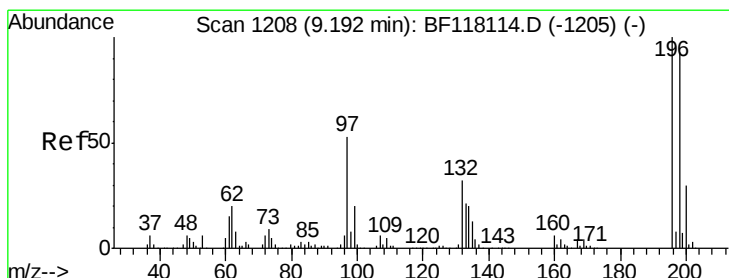
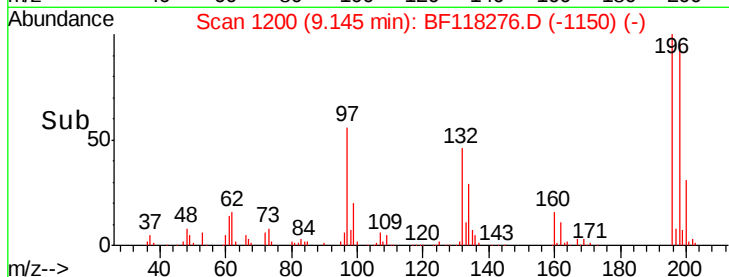
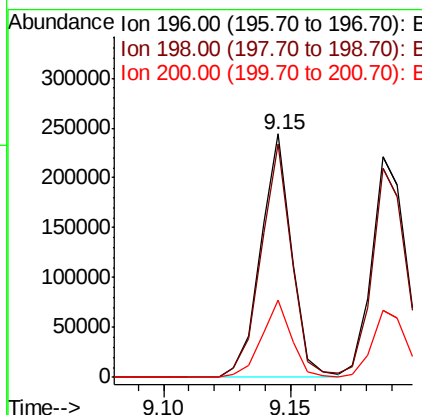
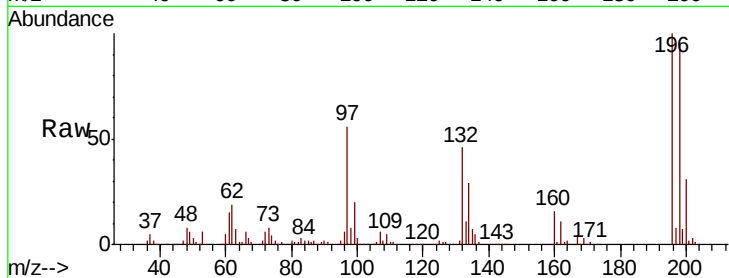




#43
 2,4,6-Trichlorophenol
 Concen: 40.724 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF118276.D
 Acq: 19 Dec 2019 13:42

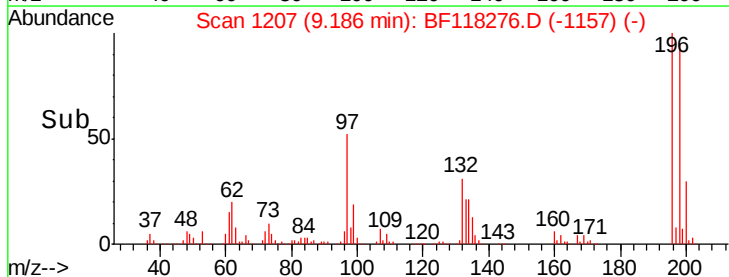
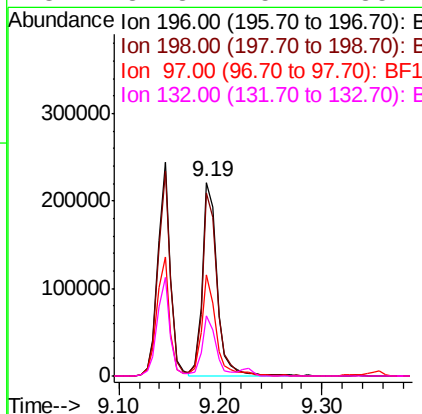
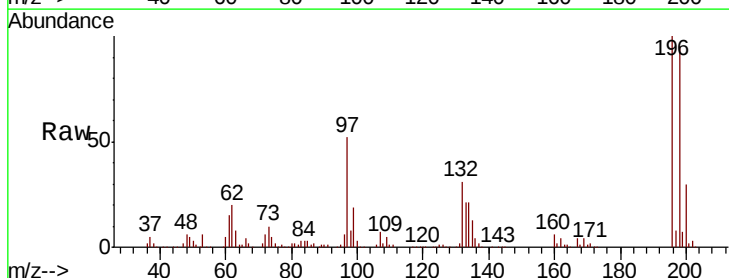
Instrument :
 BNA_F
 ClientSampled :

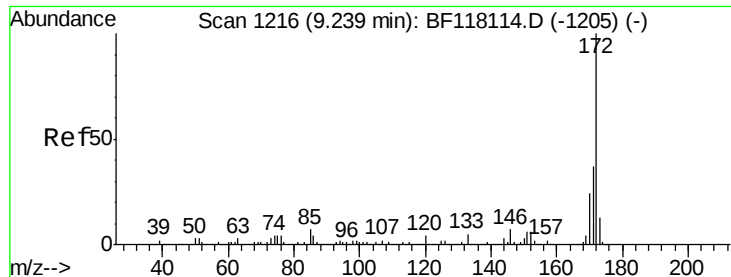
Tot Ion:196 Resp: 208188
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.0 112.4
 200 31.5 24.5 36.7



#44
 2,4,5-Trichlorophenol
 Concen: 42.324 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF118276.D
 Acq: 19 Dec 2019 13:42

Tgt Ion:196 Resp: 224167
 Ion Ratio Lower Upper
 196 100
 198 94.6 74.2 111.4
 97 52.2 42.5 63.7
 132 31.3 25.4 38.2

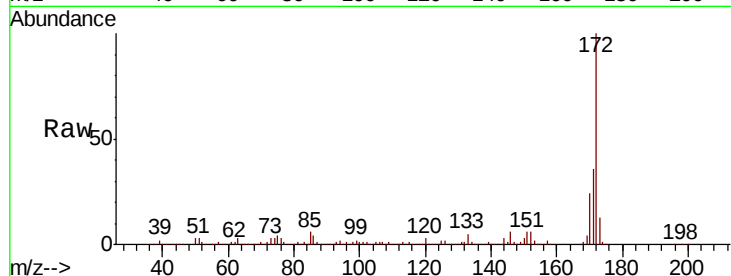




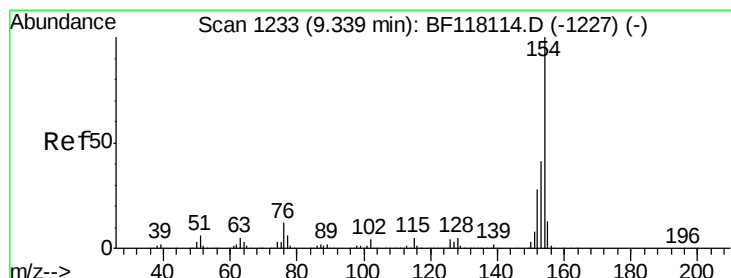
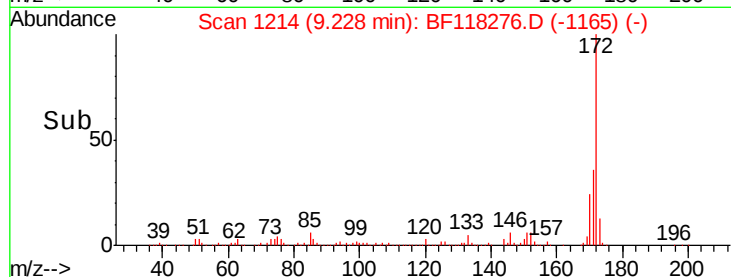
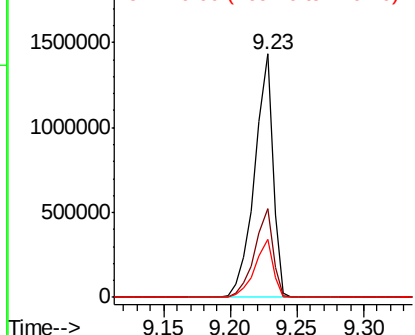
#45
2-Fluorobiphenyl
Concen: 81.357 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1351359
Ion Ratio Lower Upper
172 100
171 36.4 29.2 43.8
170 23.7 19.4 29.2

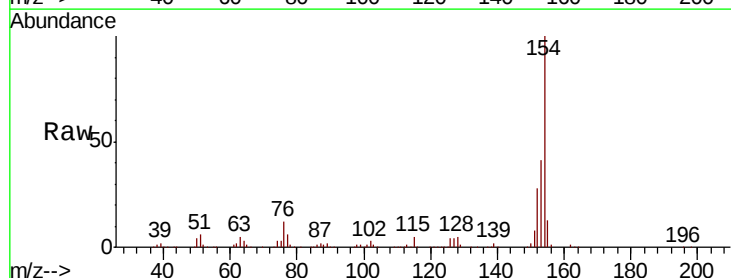


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

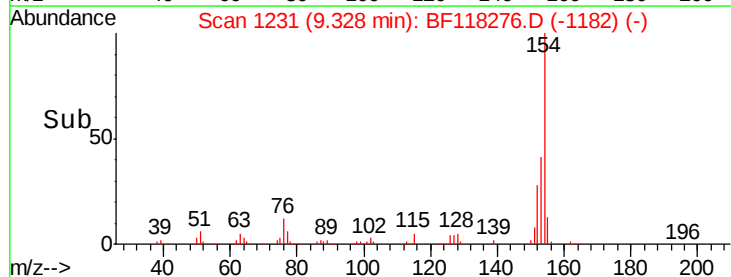
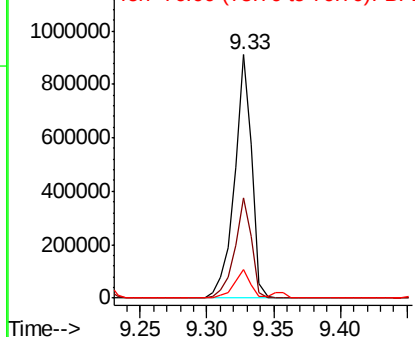


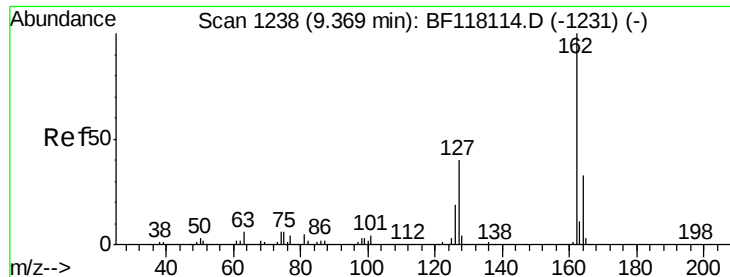
#46
1,1'-Biphenyl
Concen: 41.333 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

Tgt Ion:154 Resp: 823938
Ion Ratio Lower Upper
154 100
153 41.3 20.7 60.7
76 11.7 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

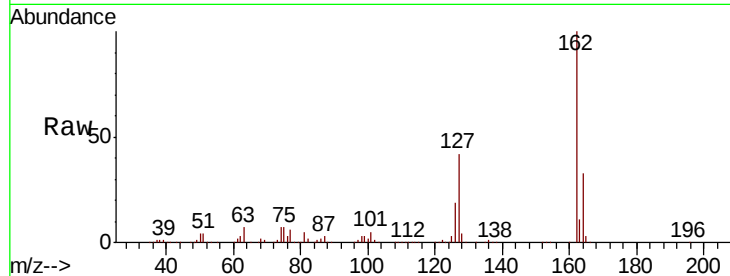




#47
2-Chloronaphthalene
Concen: 40.118 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	32.0	48.0
164	32.6	26.1	39.1

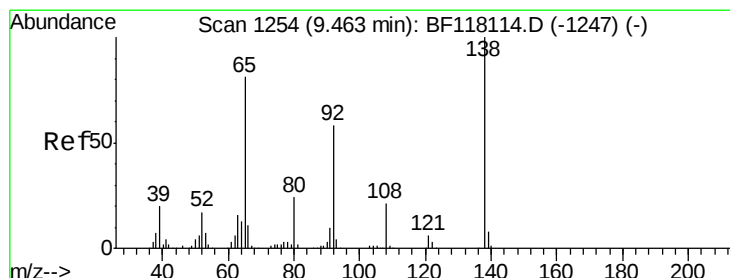
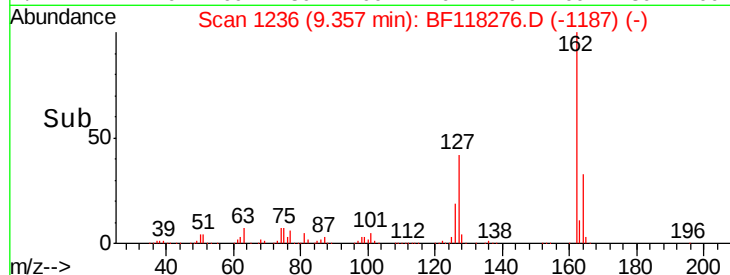
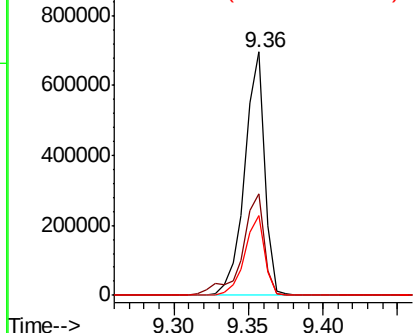


Abundance

Ion 162.00 (161.70 to 162.70): E

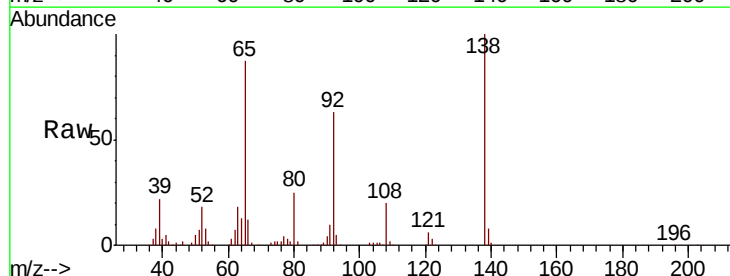
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 38.426 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.1	57.8	86.6
138	115.4	98.8	148.2

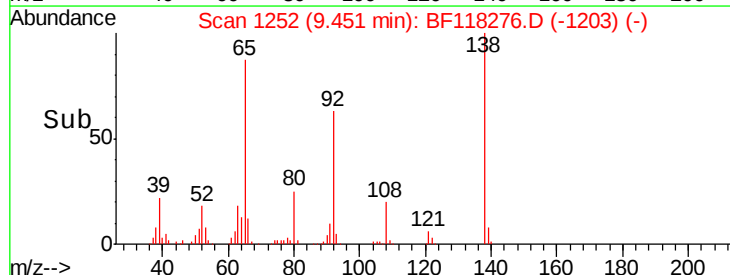
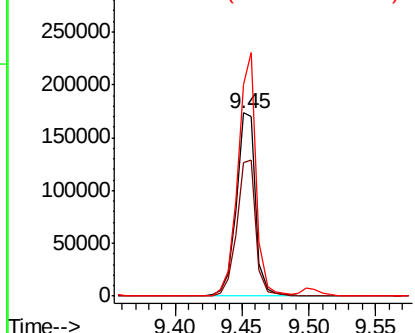


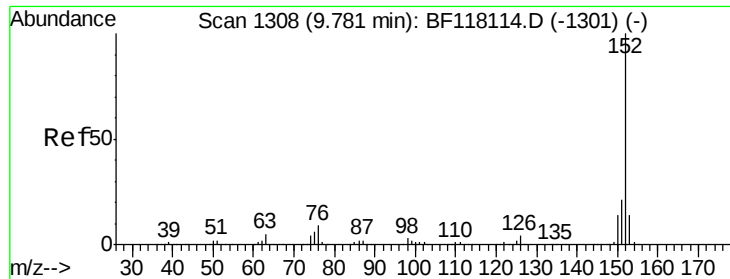
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.251 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF118276.D

Acq: 19 Dec 2019 13:42

Instrument :

BNA_F

ClientSampled :

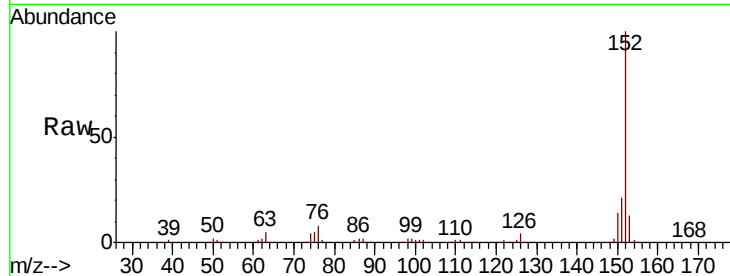
Tot Ion:152 Resp: 1022915

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

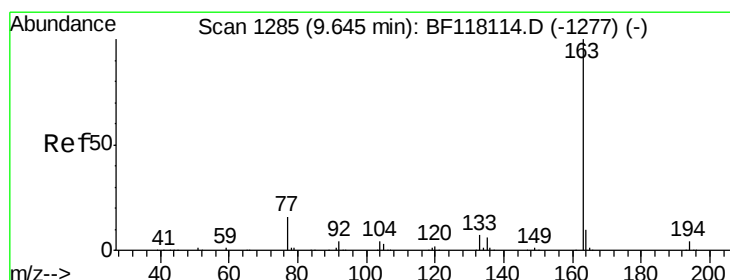
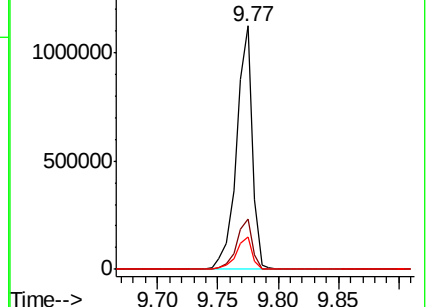
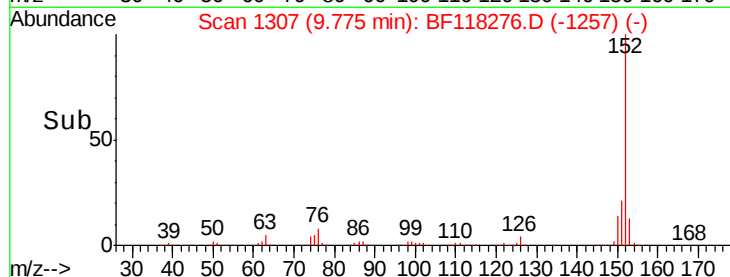
153 13.2 10.8 16.2



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: 40.867 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF118276.D

Acq: 19 Dec 2019 13:42

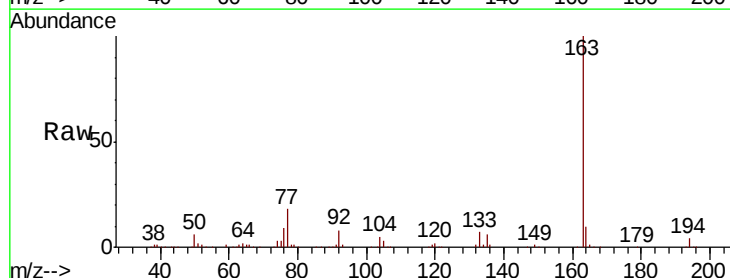
Tgt Ion:163 Resp: 762946

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

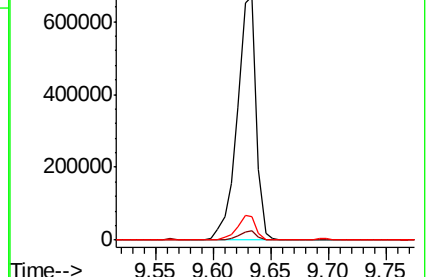
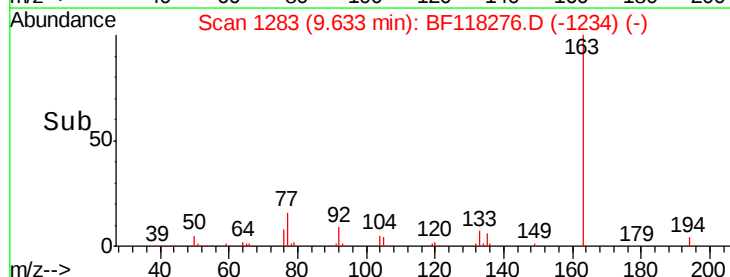
164 9.7 7.7 11.5

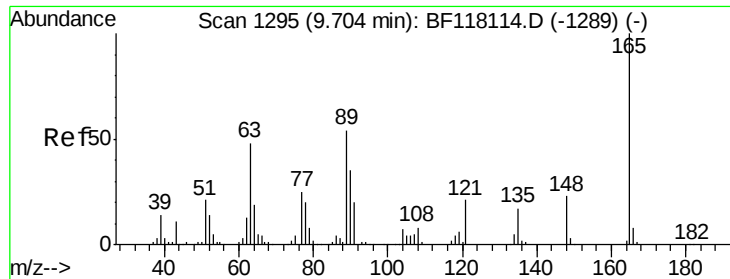


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

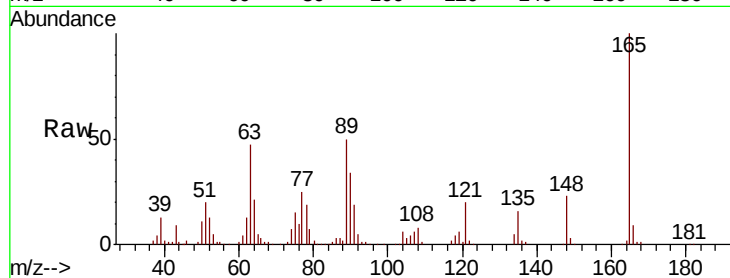




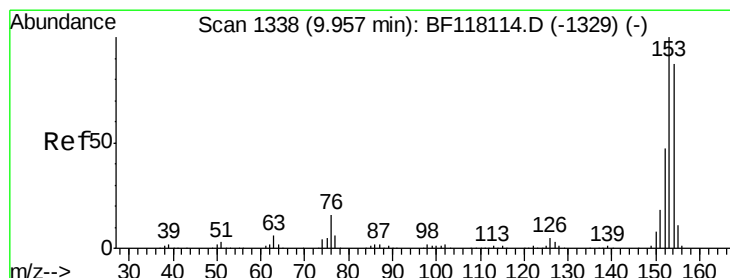
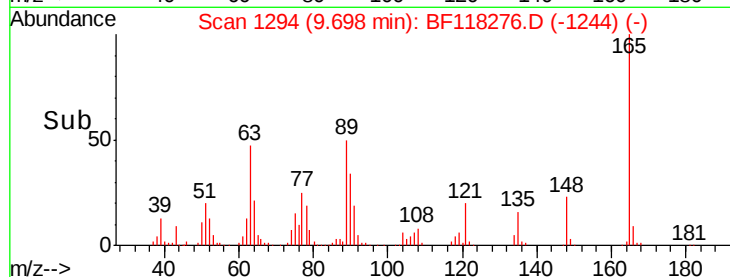
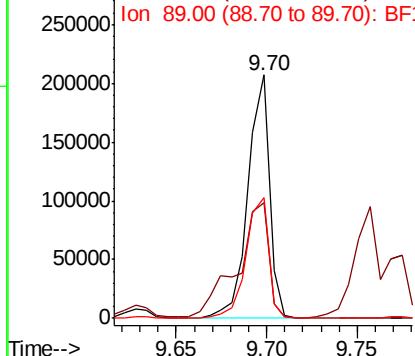
#51
 2,6-Dinitrotoluene
 Concen: 42.245 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF118276.D
 Acq: 19 Dec 2019 13:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	171493
Ion	Ratio	Lower	Upper
165	100		
63	47.5	41.4	62.0
89	49.5	42.9	64.3

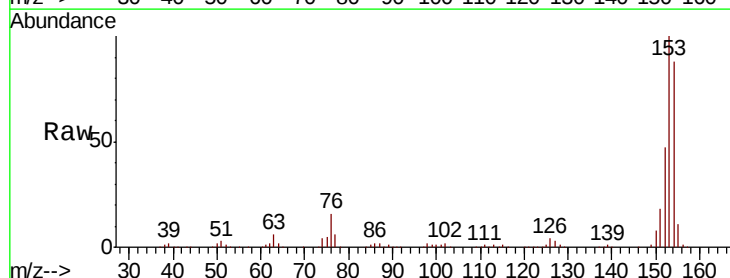


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

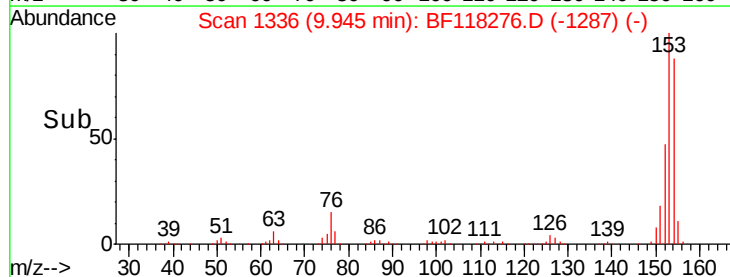
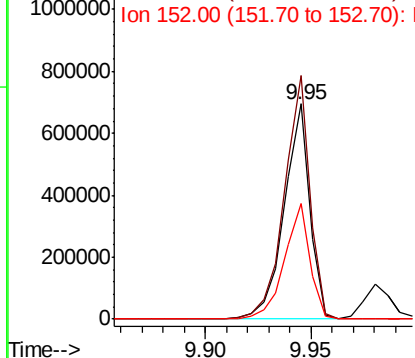


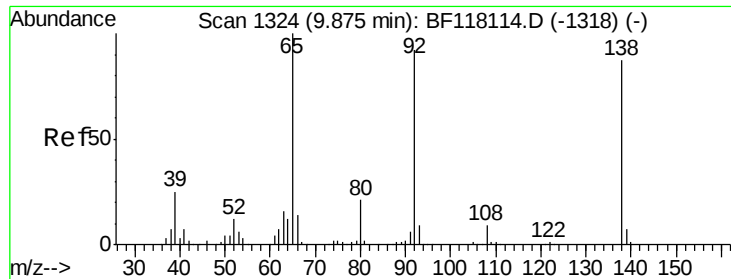
#52
 Acenaphthene
 Concen: 40.764 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF118276.D
 Acq: 19 Dec 2019 13:42

Tgt Ion:	154	Resp:	588447
Ion	Ratio	Lower	Upper
154	100		
153	113.2	91.8	137.6
152	53.6	43.3	64.9



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

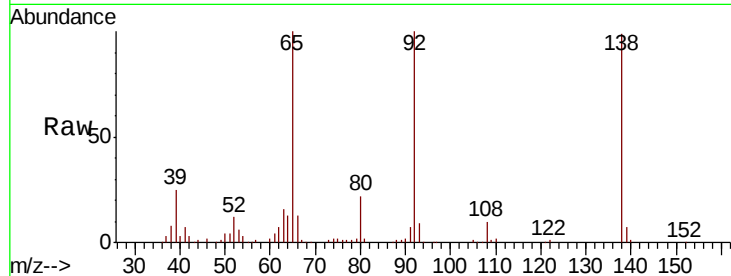




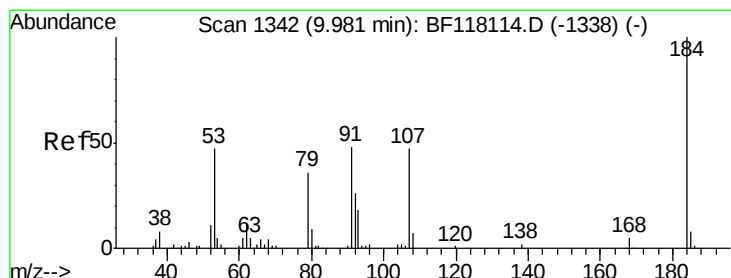
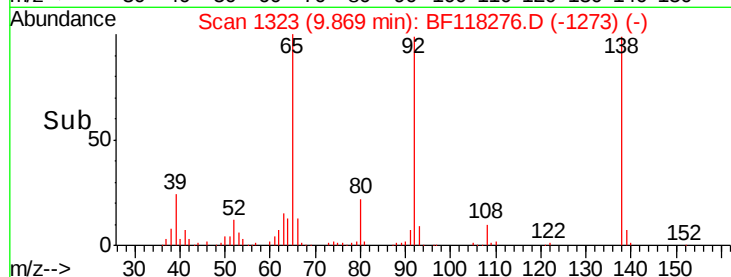
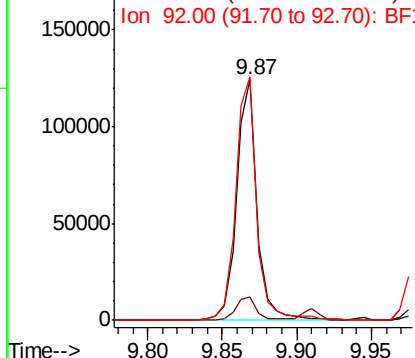
#53
3-Nitroaniline
Concen: 24.650 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 117765
Ion Ratio Lower Upper
138 100
108 9.7 8.2 12.4
92 101.1 84.9 127.3

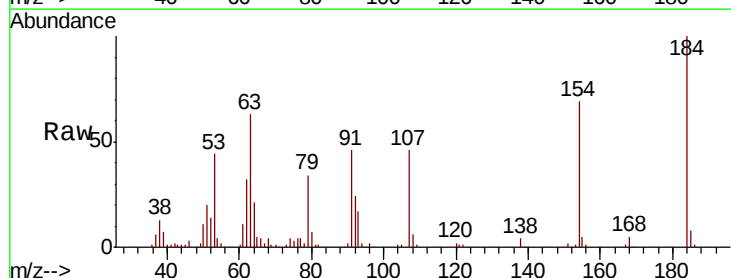


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

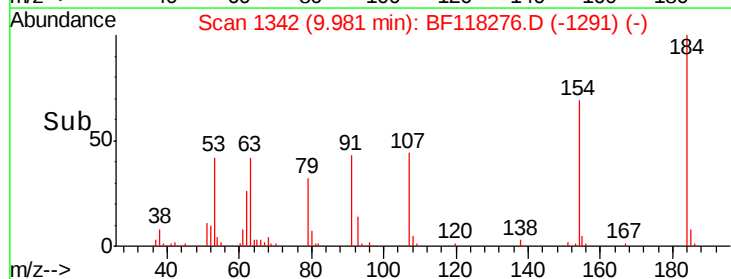
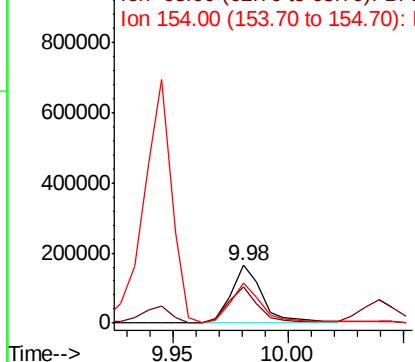


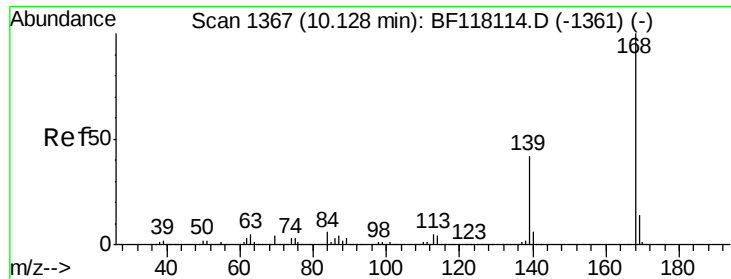
#54
2,4-Dinitrophenol
Concen: 77.720 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

Tgt Ion:184 Resp: 156967
Ion Ratio Lower Upper
184 100
63 63.1 53.9 80.9
154 68.6 56.3 84.5



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





#55

Dibenzofuran

Concen: 42.515 ng

RT: 10.12 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BF118276.D

Acq: 19 Dec 2019 13:42

Instrument :

BNA_F

ClientSampled :

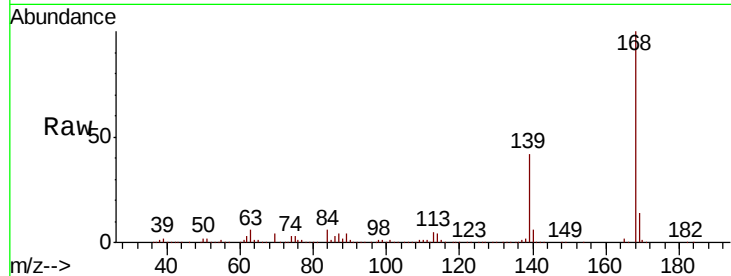
Tot Ion:168 Resp: 899275

Ion Ratio Lower Upper

168 100

139 41.8 33.4 50.0

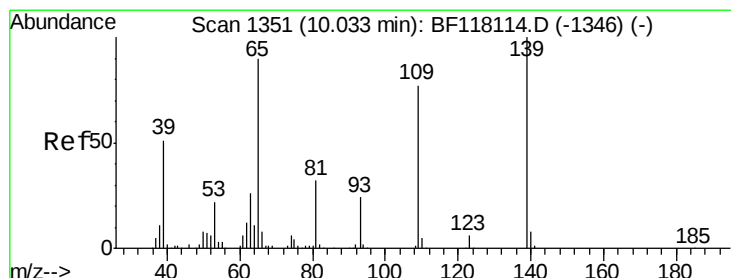
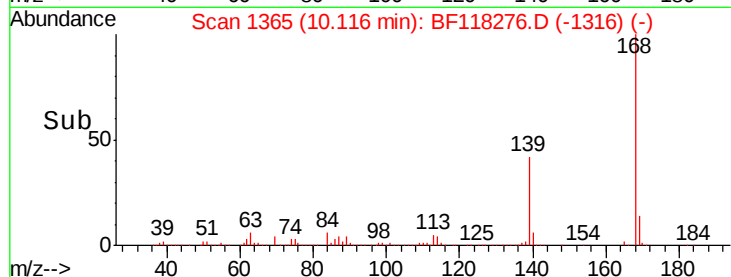
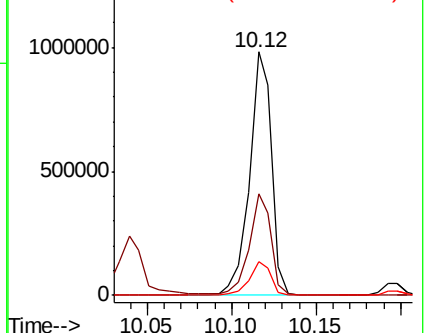
169 13.7 11.0 16.6



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: 75.819 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.01 min

Lab File: BF118276.D

Acq: 19 Dec 2019 13:42

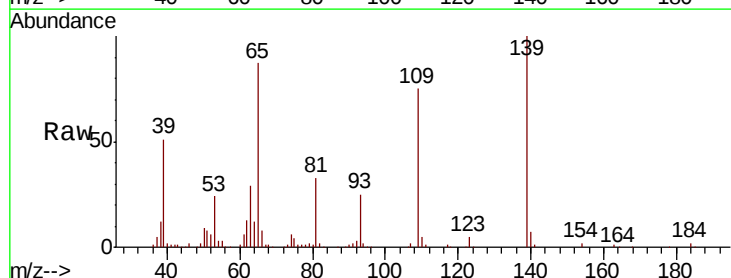
Tgt Ion:139 Resp: 251374

Ion Ratio Lower Upper

139 100

109 74.9 57.3 97.3

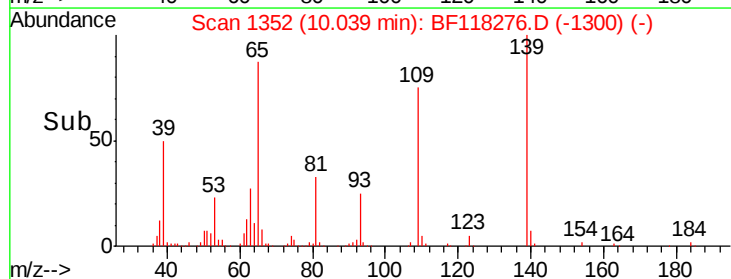
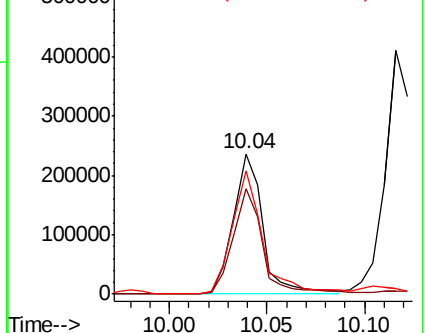
65 87.4 70.2 110.2

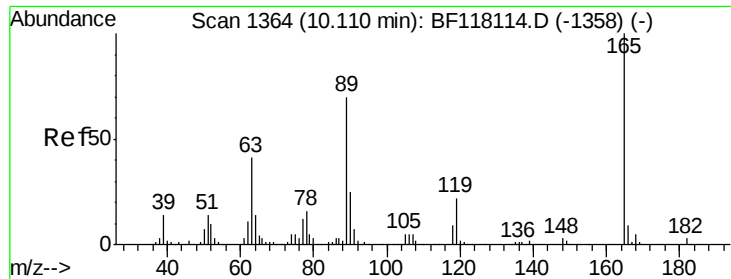


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

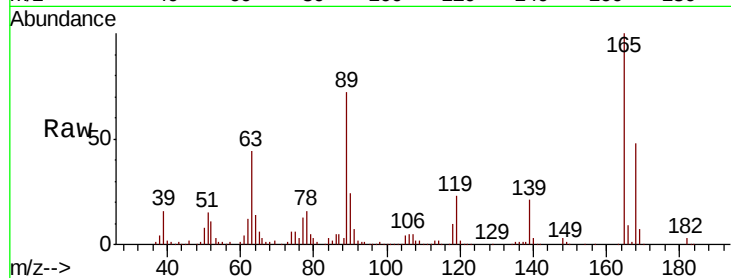




#57
2,4-Dinitrotoluene
Concen: 41.899 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.6	32.6	49.0
89	71.7	56.1	84.1
182	2.8	2.1	3.1



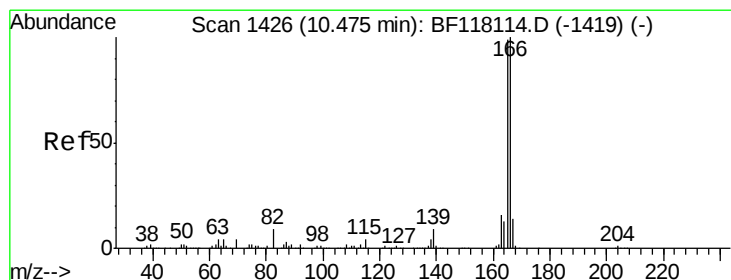
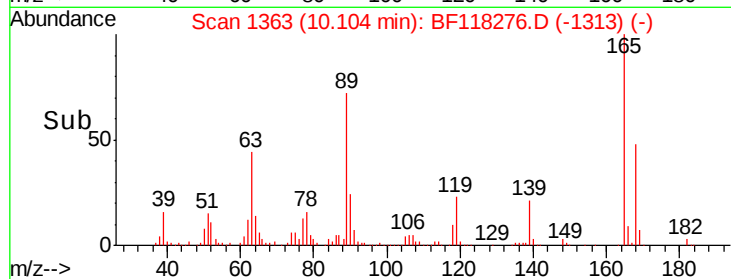
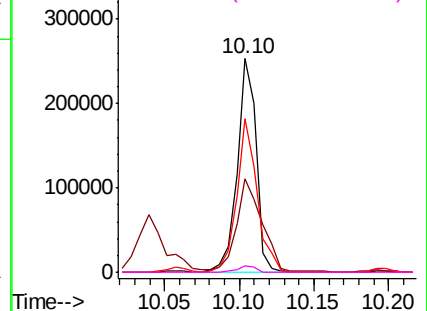
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

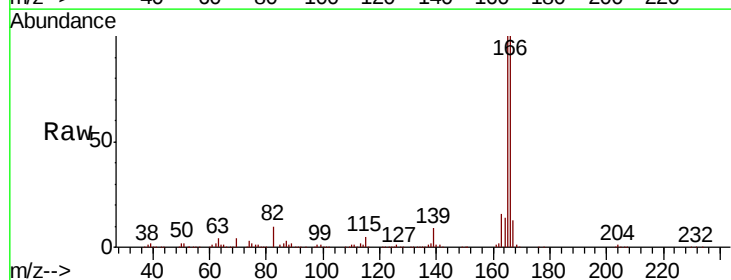
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.993 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.0	118.4
167	13.3	10.9	16.3

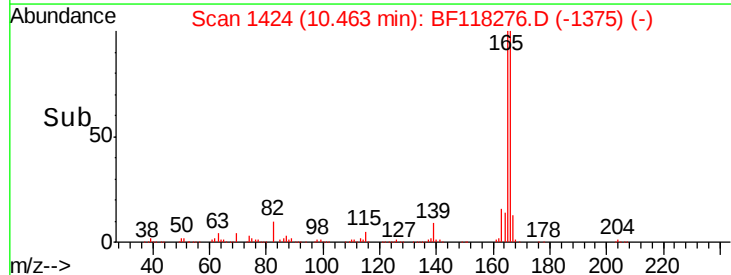
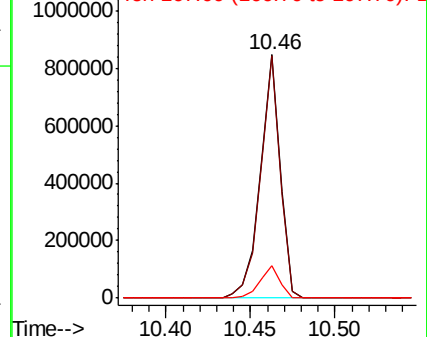


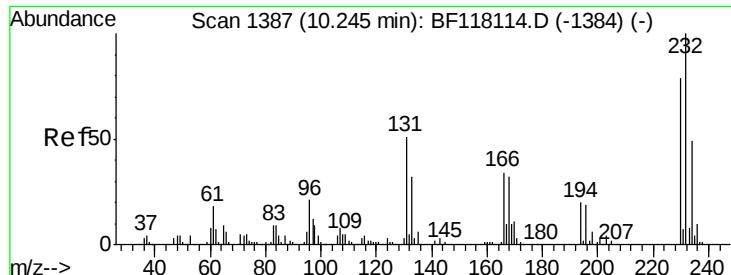
Abundance

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

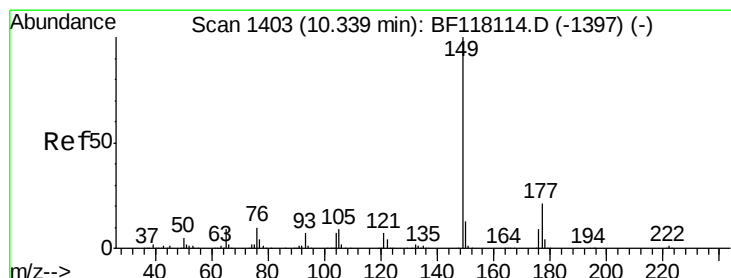
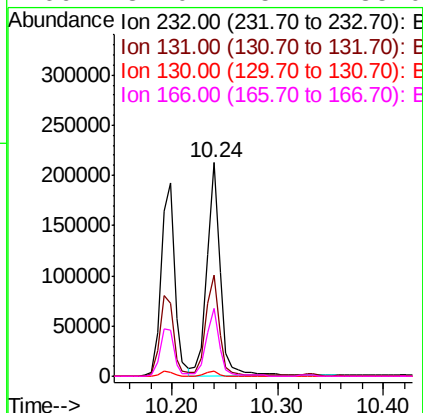
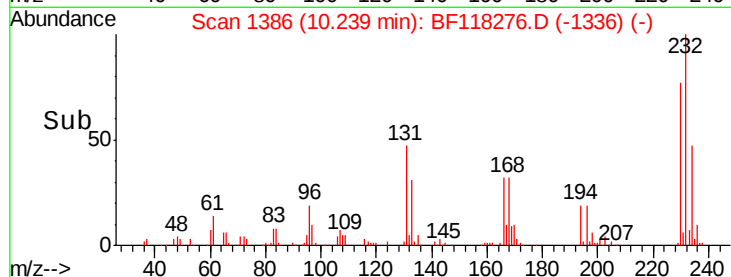
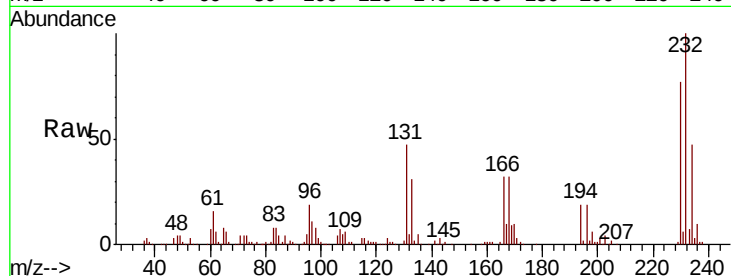




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.722 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF118276.D
 Acq: 19 Dec 2019 13:42

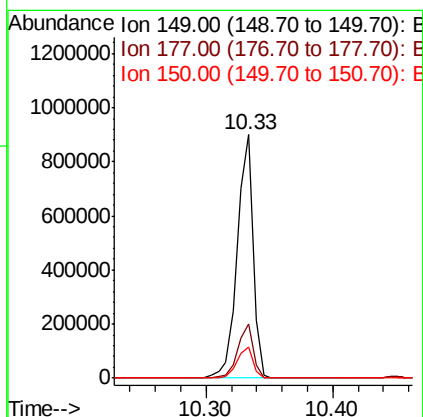
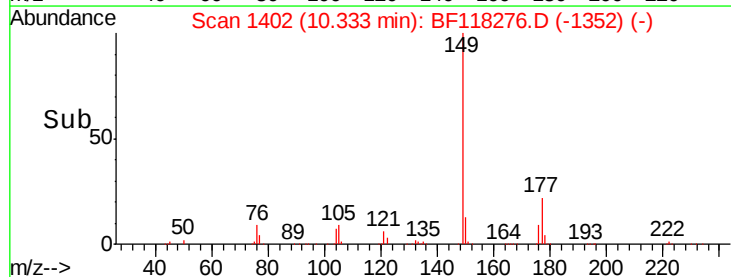
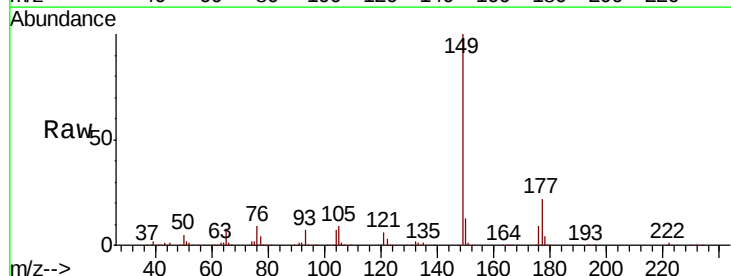
Instrument :
 BNA_F
 ClientSampleId :

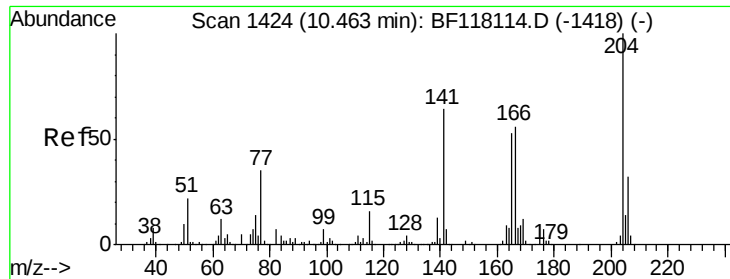
Tot Ion:	232	Resp:	186682
Ion	Ratio	Lower	Upper
232	100		
131	47.9	38.8	58.2
130	2.3	1.9	2.9
166	31.0	25.4	38.0



#60
 Diethylphthalate
 Concen: 41.635 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF118276.D
 Acq: 19 Dec 2019 13:42

Tgt Ion:	149	Resp:	765832
Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.0	25.4
150	12.6	10.1	15.1

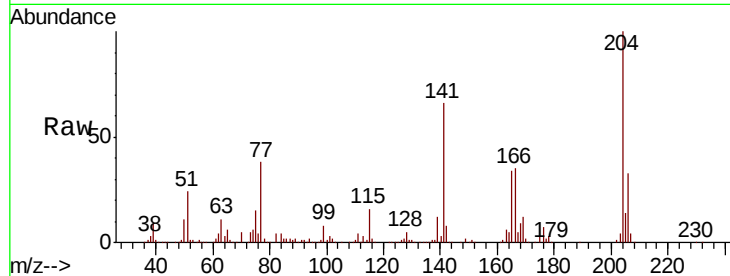




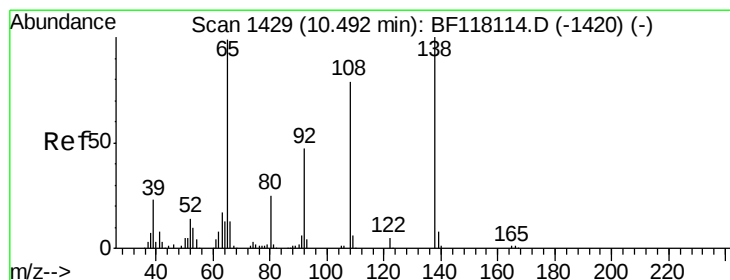
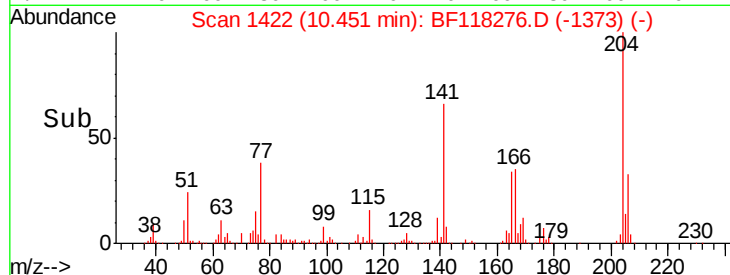
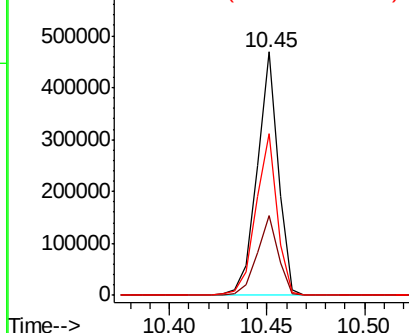
#61
4-Chlorophenyl-phenylether
Concen: 41.574 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 351620
Ion Ratio Lower Upper
204 100
206 32.8 26.0 39.0
141 66.2 51.0 76.6

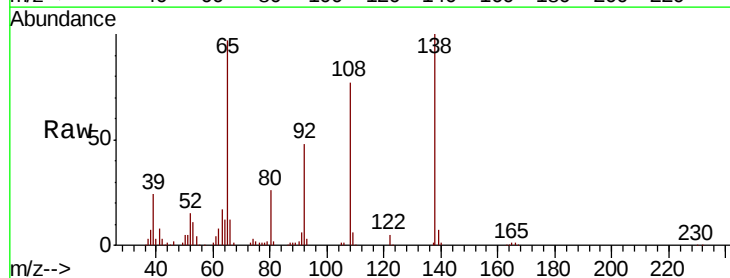


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

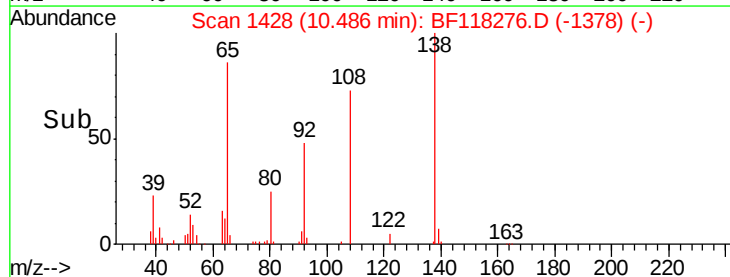
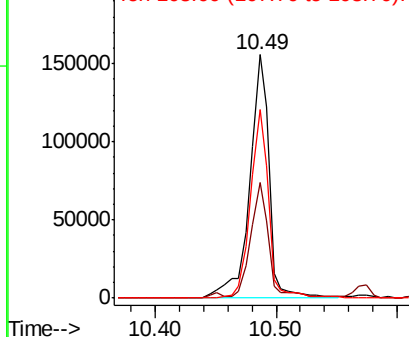


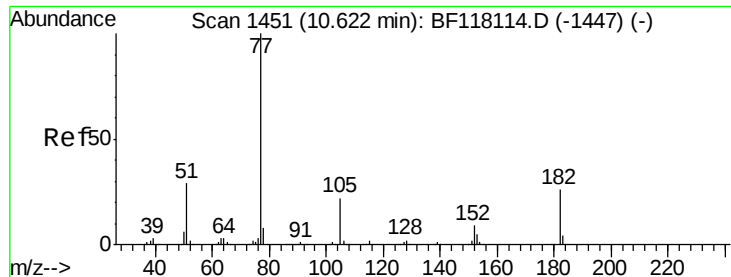
#62
4-Nitroaniline
Concen: 35.253 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

Tgt Ion:138 Resp: 175652
Ion Ratio Lower Upper
138 100
92 47.5 27.1 67.1
108 77.5 59.0 99.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

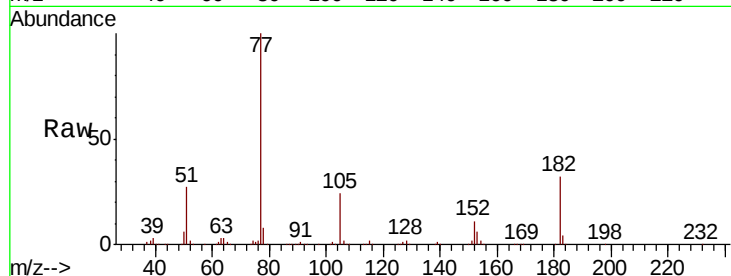




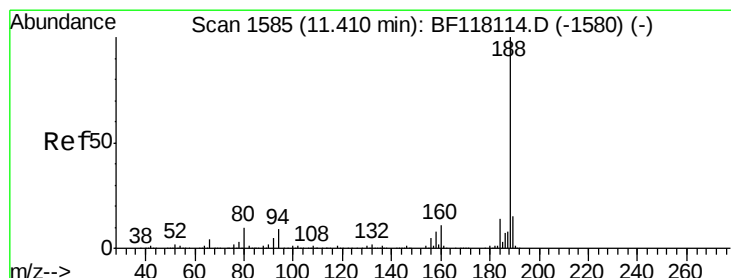
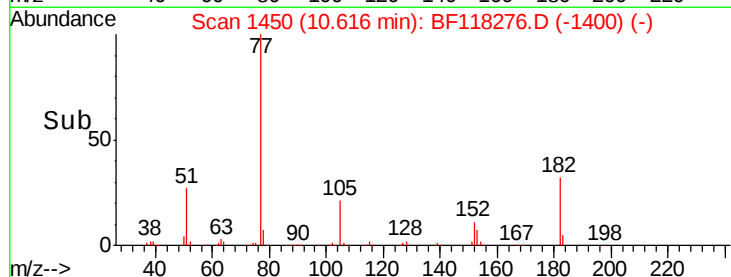
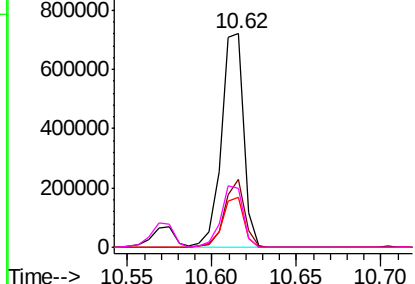
#63
Azobenzene
Concen: 42.153 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 661890
Ion Ratio Lower Upper
77 100
182 31.7 5.7 45.7
105 23.7 2.2 42.2
51 27.5 9.6 49.6

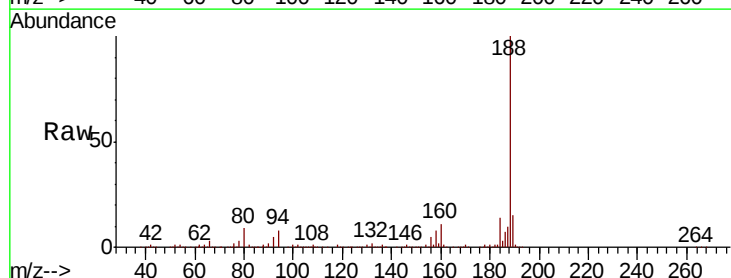


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

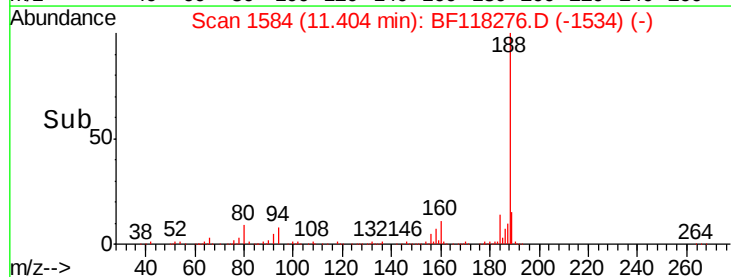
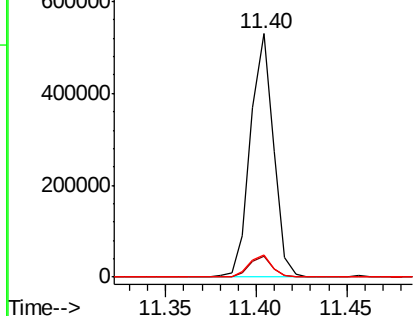


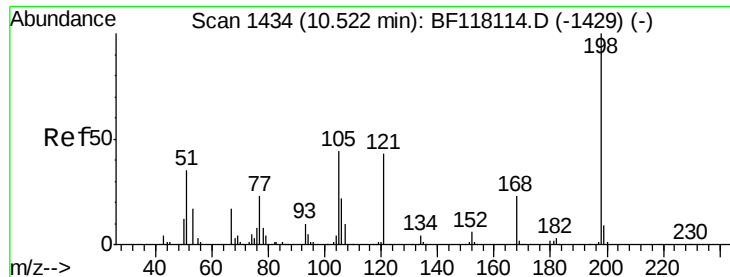
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

Tgt Ion: 188 Resp: 467932
Ion Ratio Lower Upper
188 100
94 8.4 7.1 10.7
80 9.1 7.9 11.9



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: 44.267 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF118276.D

Acq: 19 Dec 2019 13:42

Instrument :

BNA_F

ClientSampleId :

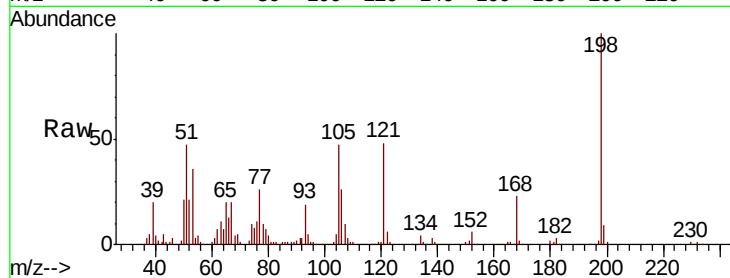
Tot Ion:198 Resp: 114393

Ion Ratio Lower Upper

198 100

51 47.0 22.0 62.0

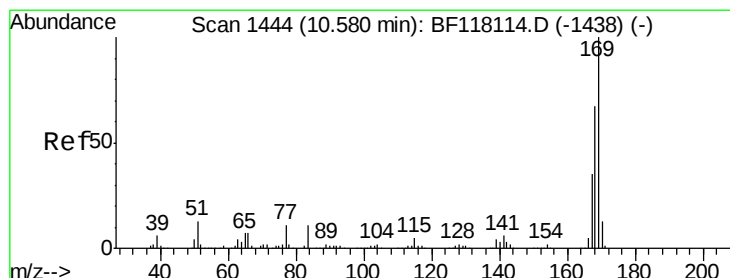
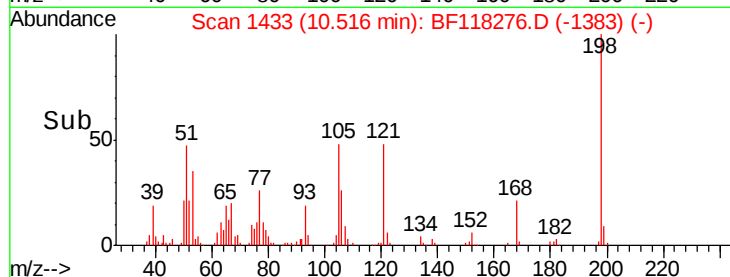
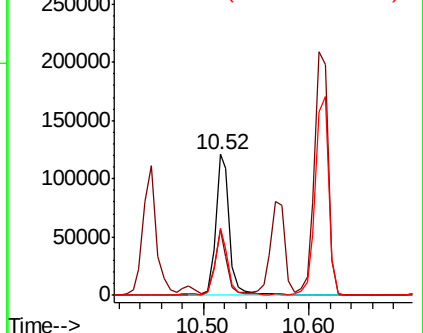
105 47.5 25.6 65.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.796 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF118276.D

Acq: 19 Dec 2019 13:42

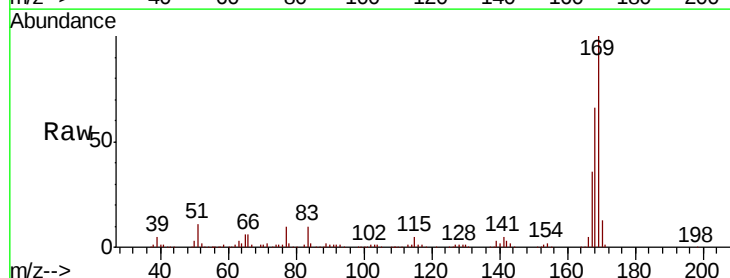
Tgt Ion:169 Resp: 625367

Ion Ratio Lower Upper

169 100

168 66.5 53.4 80.2

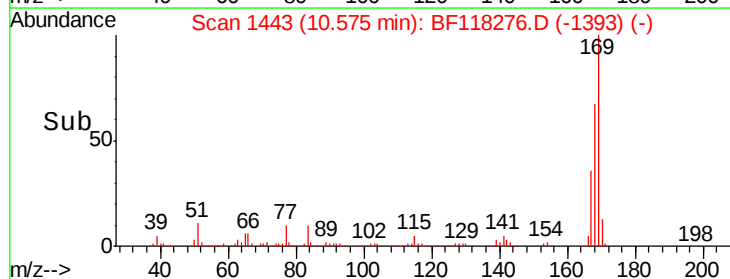
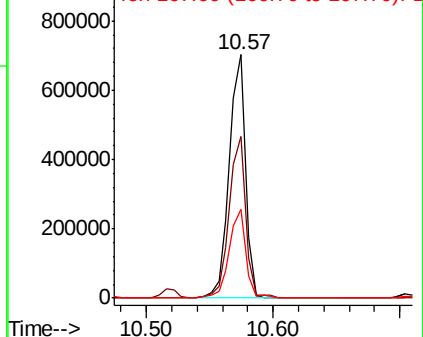
167 36.3 28.4 42.6

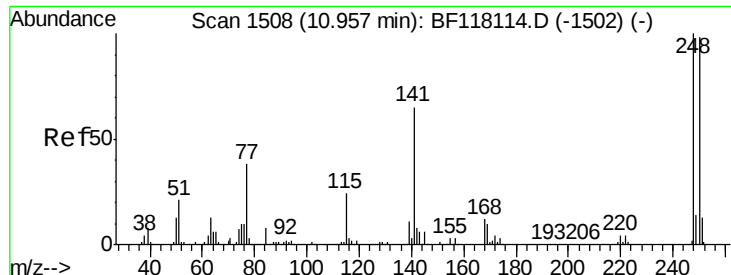


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

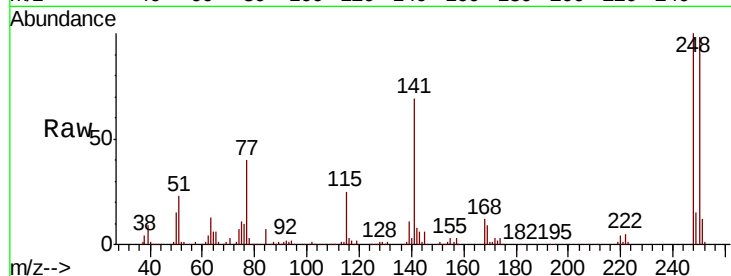




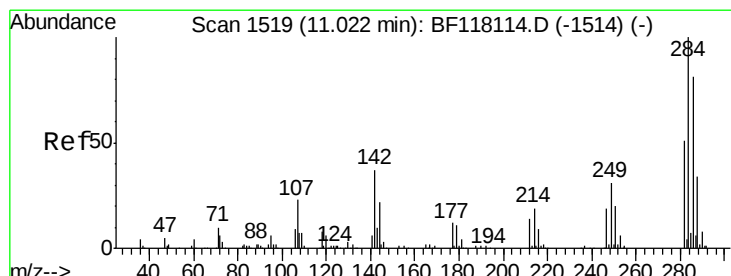
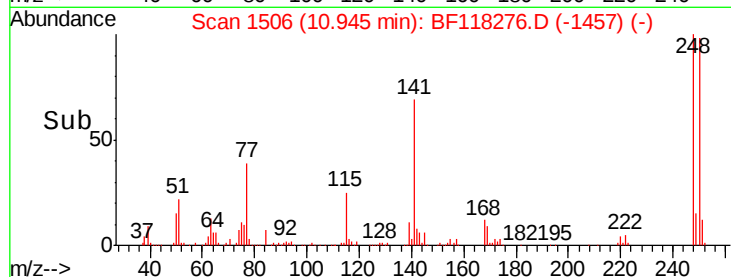
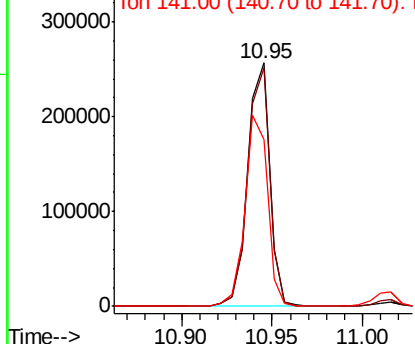
#67
4-Bromophenyl-phenylether
Concen: 40.847 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 218188
Ion Ratio Lower Upper
248 100
250 98.1 78.3 117.5
141 68.7 52.2 78.4

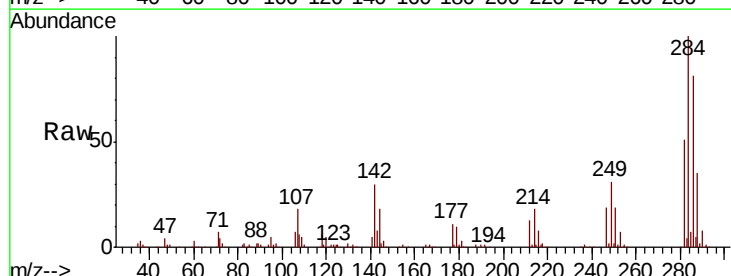


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

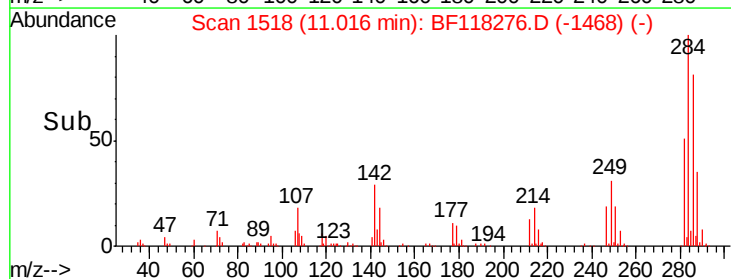
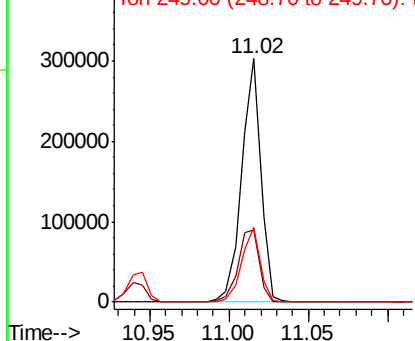


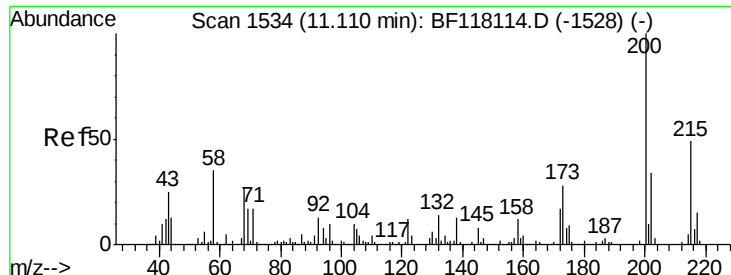
#68
Hexachlorobenzene
Concen: 40.278 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

Tgt Ion:284 Resp: 253230
Ion Ratio Lower Upper
284 100
142 29.6 29.7 44.5#
249 30.5 24.6 37.0



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

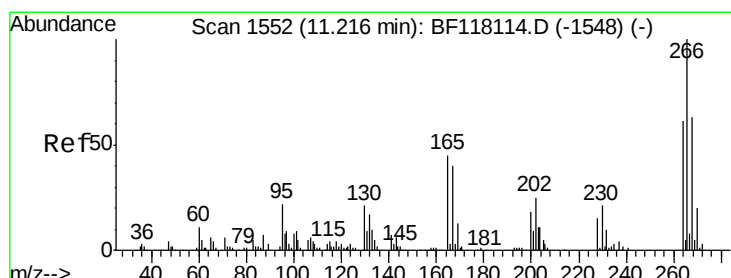
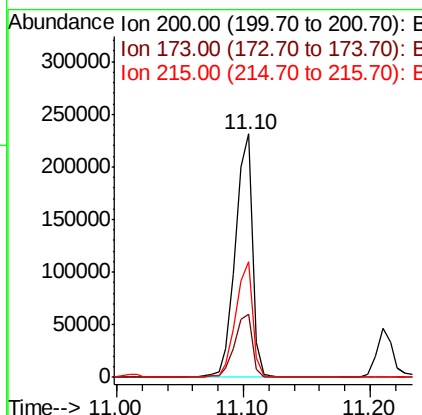
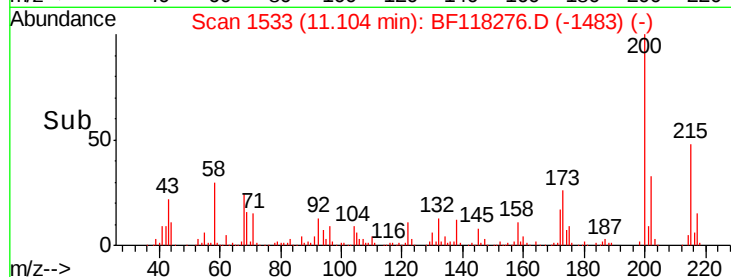
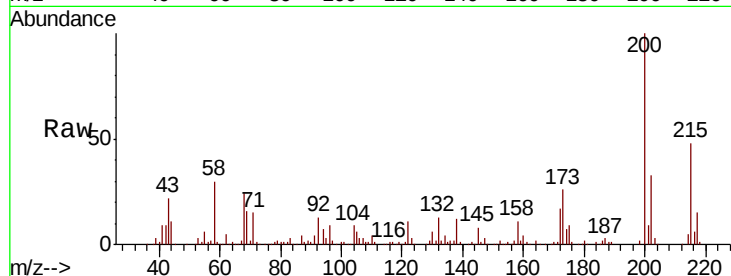




#69
Atrazine
Concen: 65.182 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

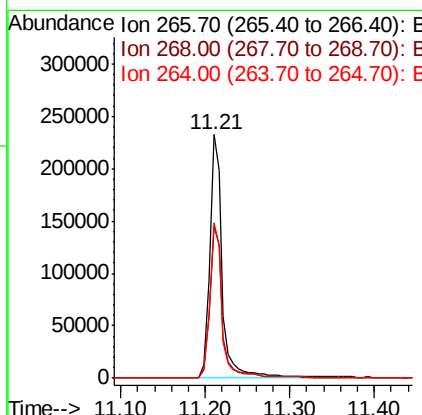
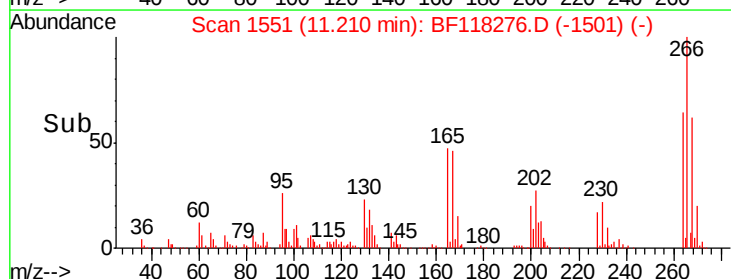
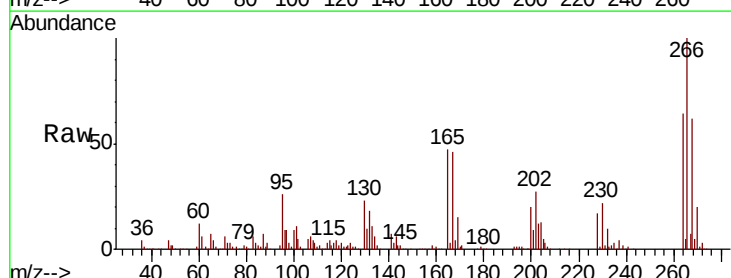
Instrument :
BNA_F
ClientSampleId :

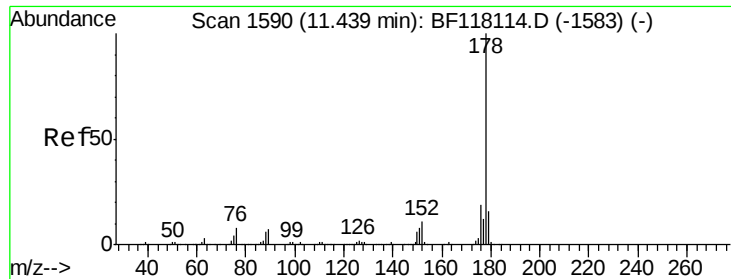
Tot Ion:200 Resp: 214019
Ion Ratio Lower Upper
200 100
173 26.0 8.1 48.1
215 47.5 29.0 69.0



#70
Pentachlorophenol
Concen: 82.638 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

Tgt Ion:266 Resp: 244331
Ion Ratio Lower Upper
266 100
268 62.3 50.7 76.1
264 63.8 48.7 73.1

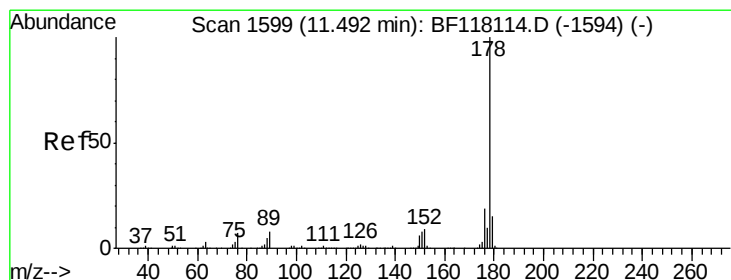
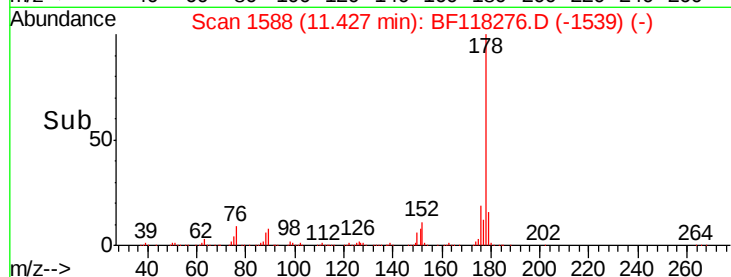
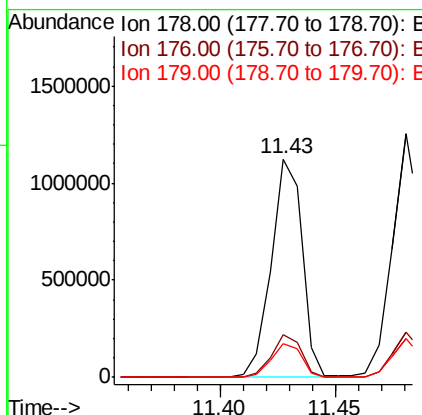
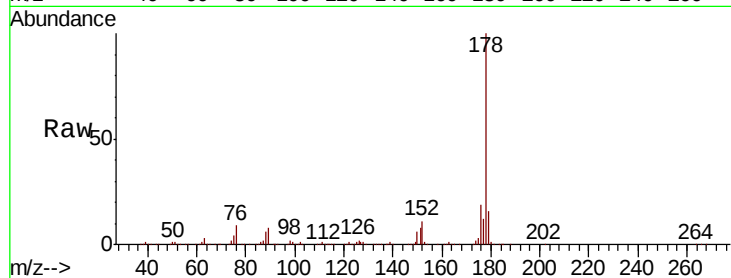




#71
Phenanthrene
Concen: 41.881 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

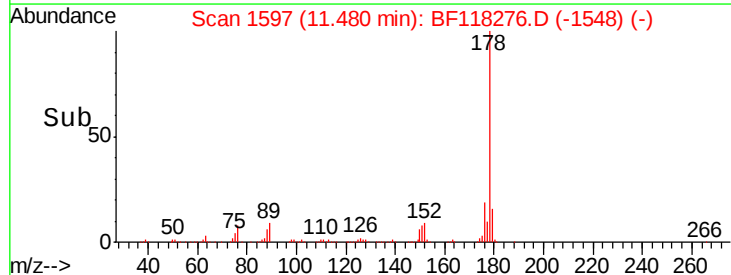
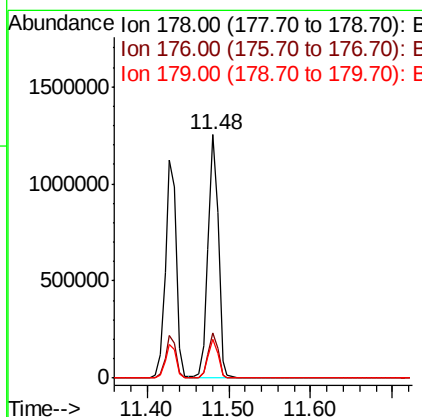
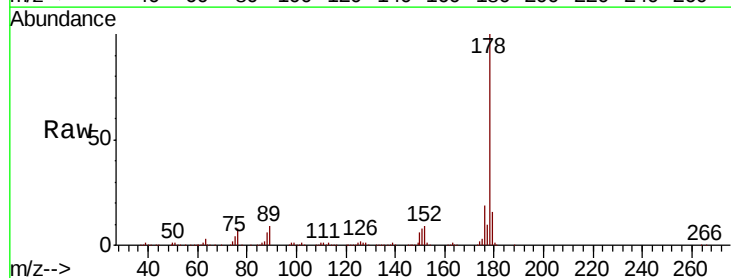
Instrument :
BNA_F
ClientSampleId :

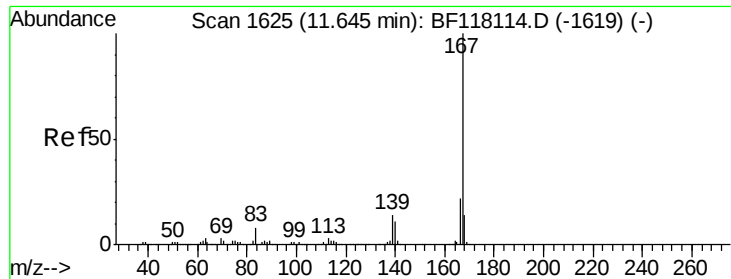
Tot Ion:178 Resp: 1041771
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.6 12.6 18.8



#72
Anthracene
Concen: 44.083 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

Tgt Ion:178 Resp: 1093891
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.7 12.2 18.4





#73

Carbazole

Concen: 41.142 ng

RT: 11.64 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BF118276.D

Acq: 19 Dec 2019 13:42

Instrument :

BNA_F

ClientSampleId :

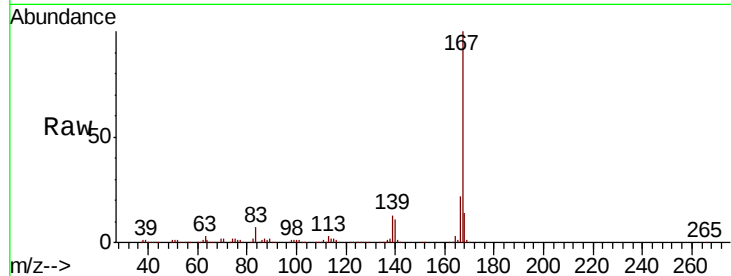
Tot Ion:167 Resp: 915984

Ion Ratio Lower Upper

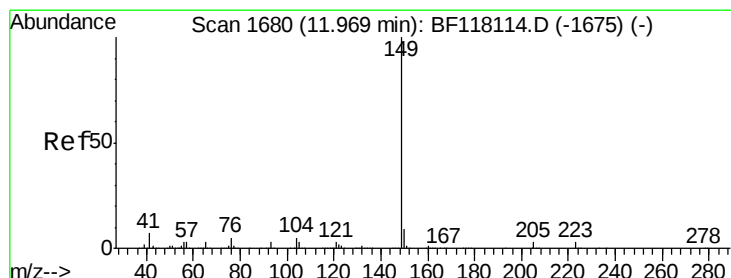
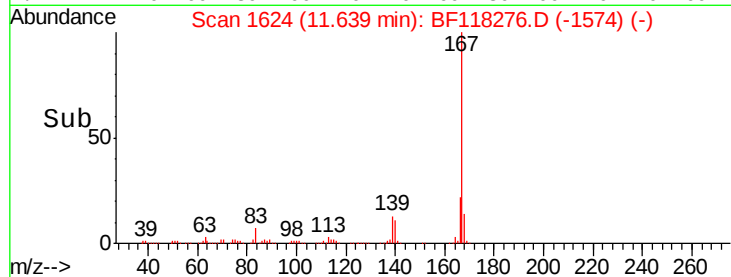
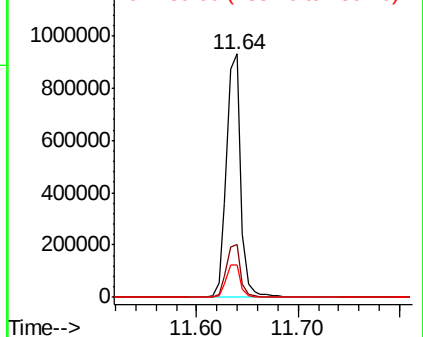
167 100

166 22.0 17.4 26.2

139 13.4 11.4 17.0



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: 43.139 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BF118276.D

Acq: 19 Dec 2019 13:42

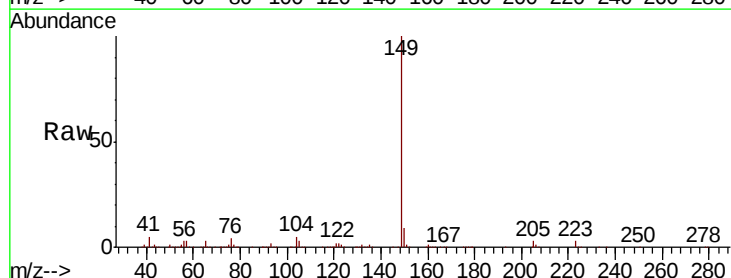
Tgt Ion:149 Resp: 1202011

Ion Ratio Lower Upper

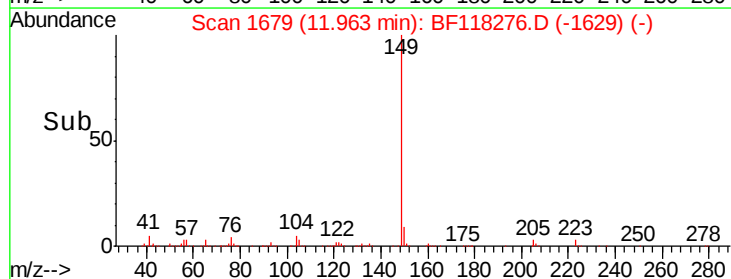
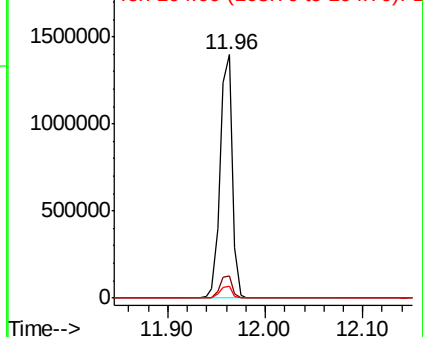
149 100

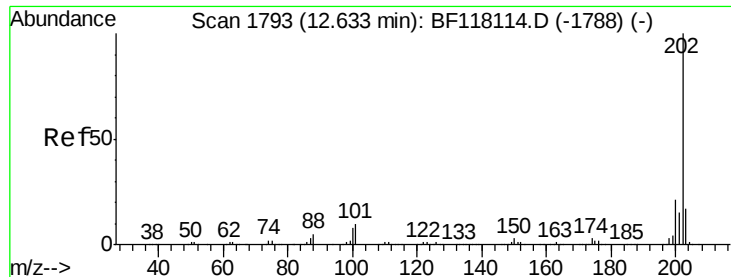
150 9.3 7.4 11.2

104 4.7 4.3 6.5



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

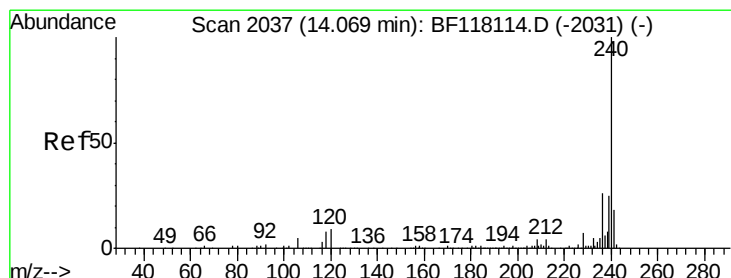
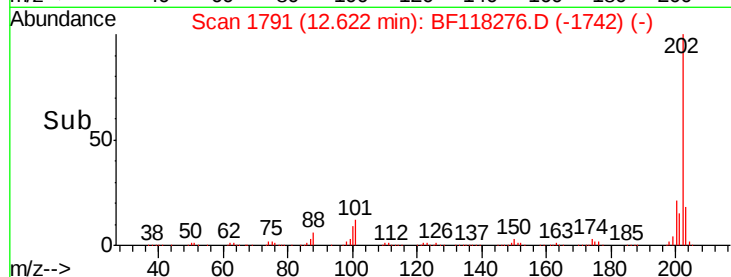
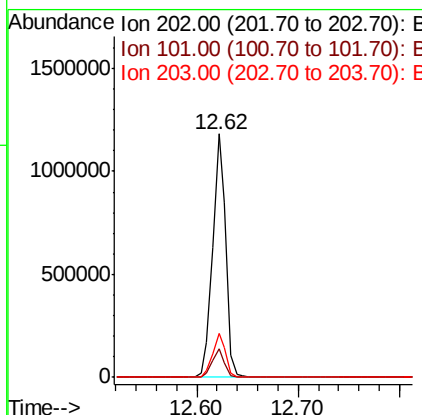
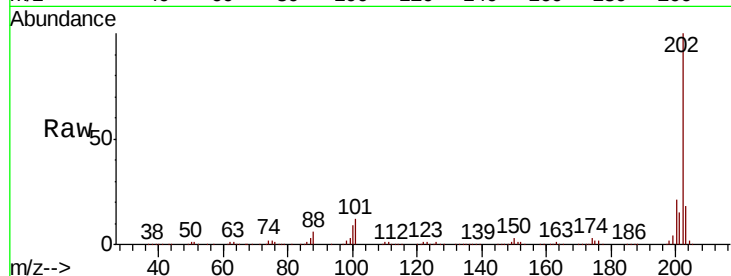




#75
Fluoranthene
Concen: 41.484 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

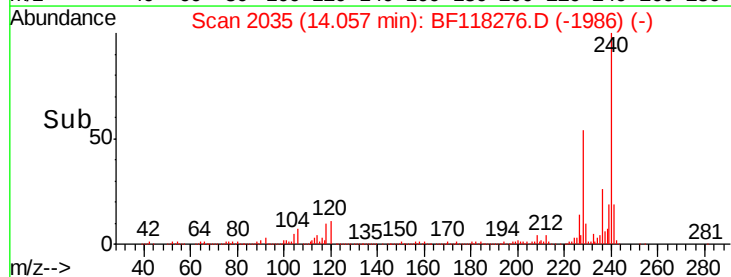
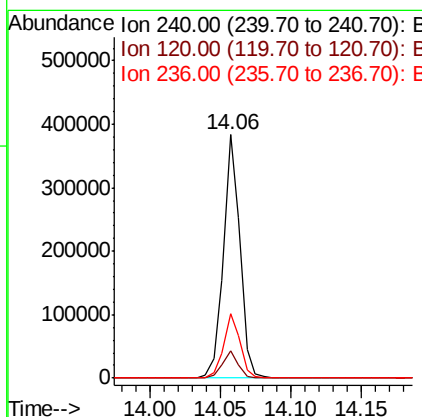
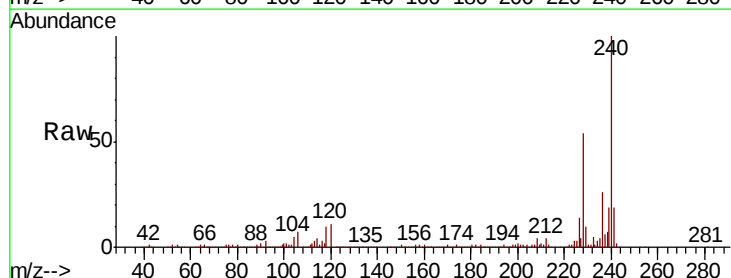
Instrument :
BNA_F
ClientSampleId :

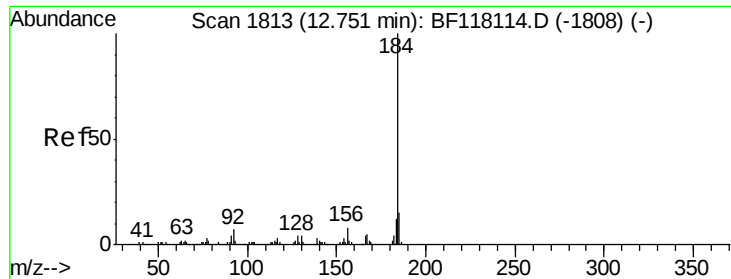
Tot Ion:202 Resp: 1055013
Ion Ratio Lower Upper
202 100
101 11.9 0.0 30.4
203 17.9 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

Tgt Ion:240 Resp: 311745
Ion Ratio Lower Upper
240 100
120 11.0 7.1 10.7#
236 26.3 21.0 31.6

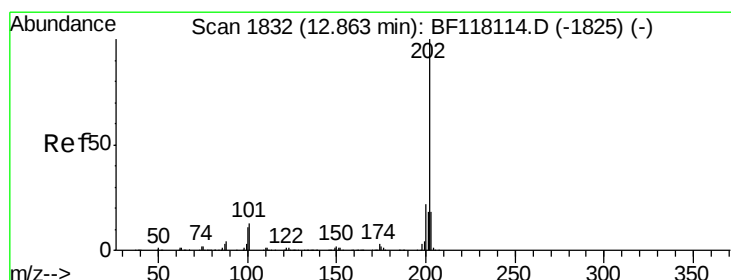
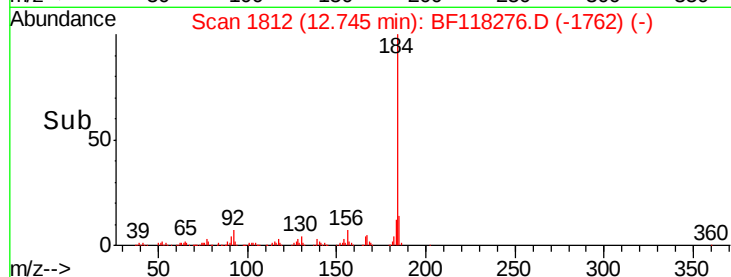
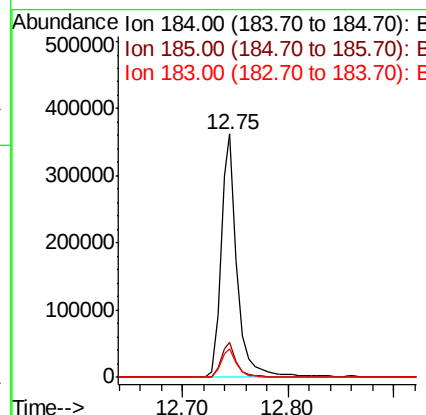
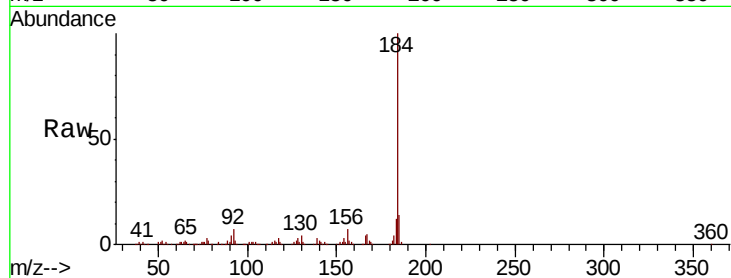




#77
Benzidine
Concen: 47.442 ng
RT: 12.75 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

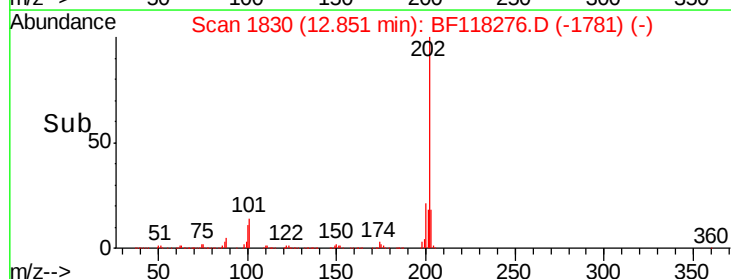
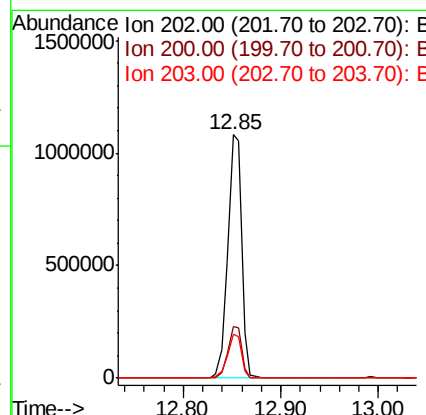
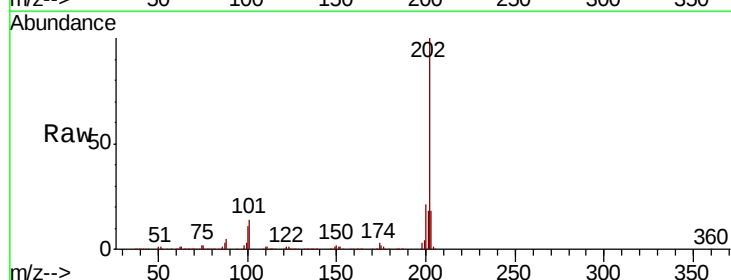
Instrument :
BNA_F
ClientSampleId :

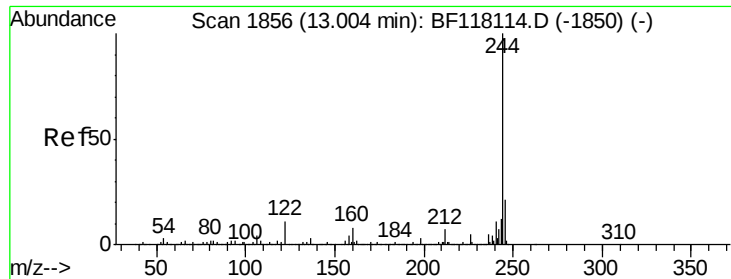
Tot Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.3	18.5
183	11.8	9.9	14.9



#78
Pyrene
Concen: 43.563 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.5	26.3
203	18.0	14.6	21.8





#79

Terphenyl-d14

Concen: 85.626 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118276.D

Acq: 19 Dec 2019 13:42

Instrument :

BNA_F

ClientSampleId :

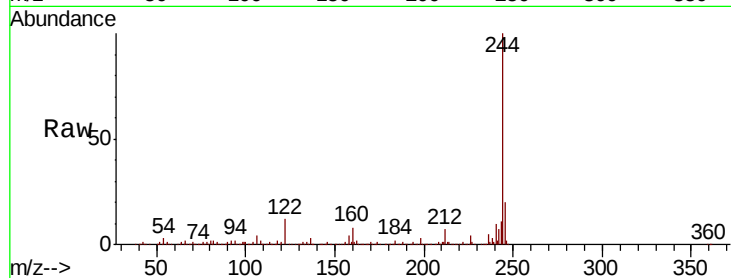
Tot Ion:244 Resp: 1552288

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

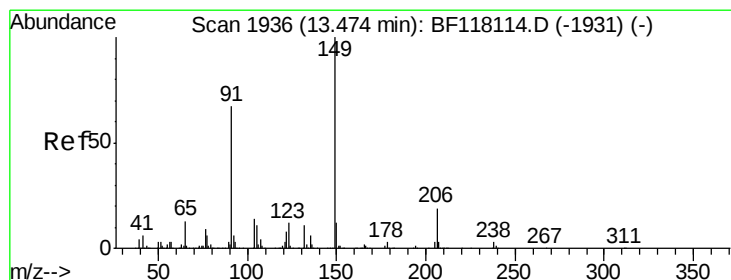
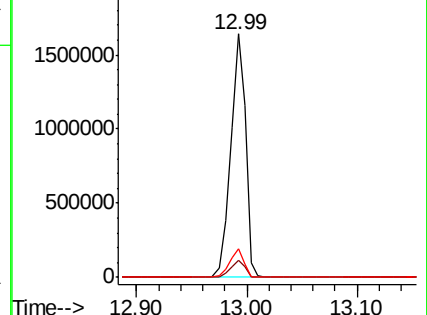
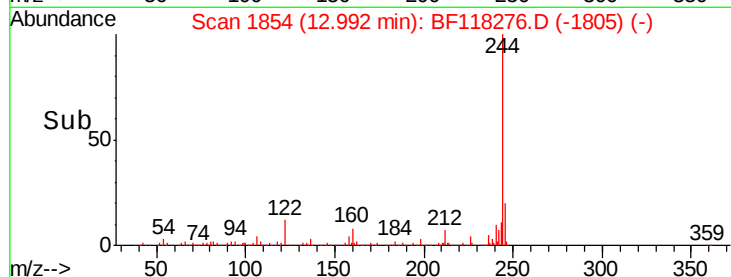
122 11.6 9.0 13.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.766 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF118276.D

Acq: 19 Dec 2019 13:42

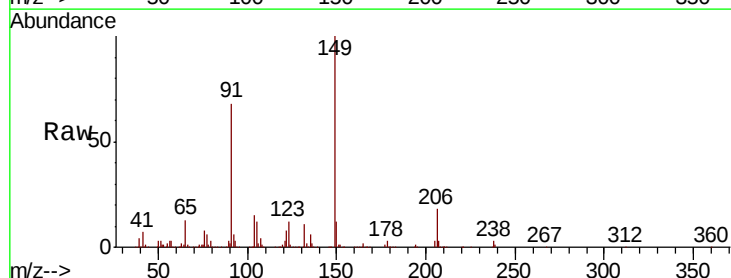
Tgt Ion:149 Resp: 475807

Ion Ratio Lower Upper

149 100

91 68.2 53.9 80.9

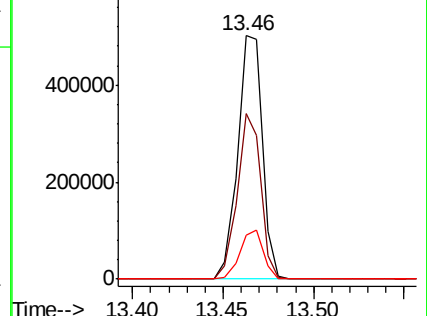
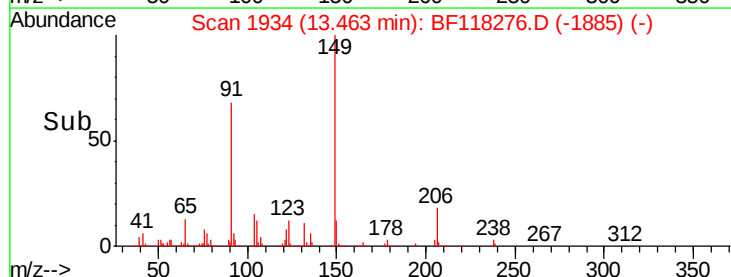
206 18.3 15.2 22.8

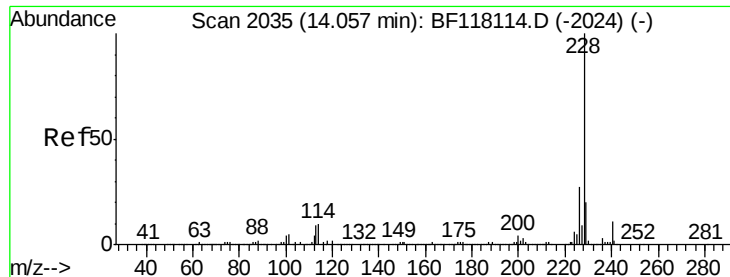


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.787 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF118276.D

Acq: 19 Dec 2019 13:42

Instrument :

BNA_F

ClientSampleId :

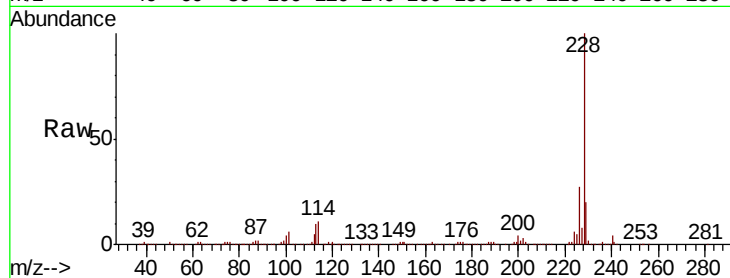
Tot Ion:228 Resp: 879216

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

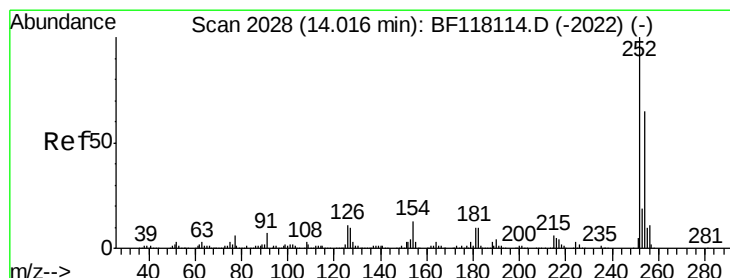
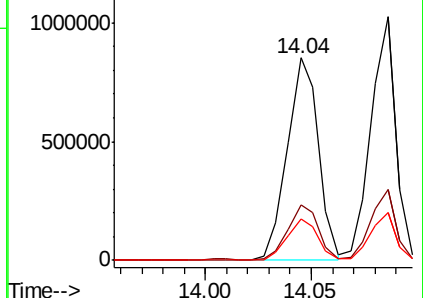
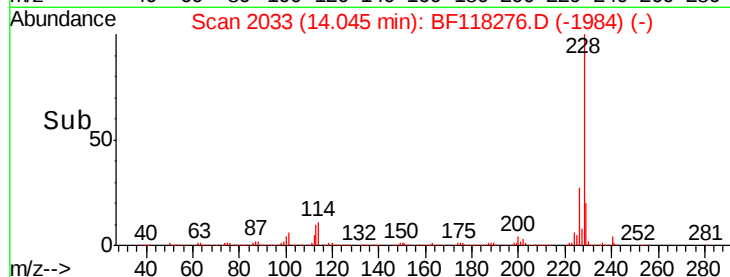
229 20.3 15.8 23.8



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: 34.459 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF118276.D

Acq: 19 Dec 2019 13:42

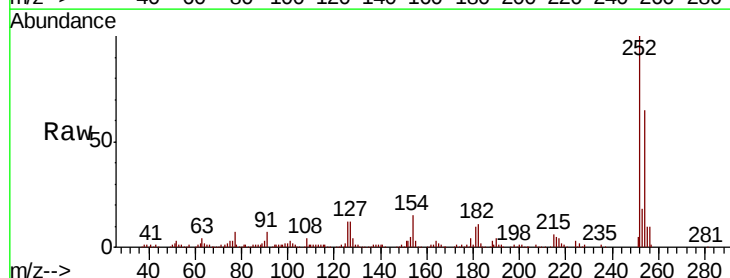
Tgt Ion:252 Resp: 243951

Ion Ratio Lower Upper

252 100

254 64.6 52.2 78.4

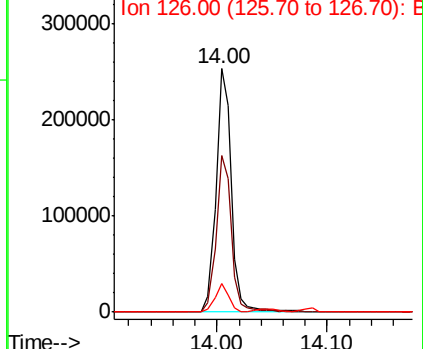
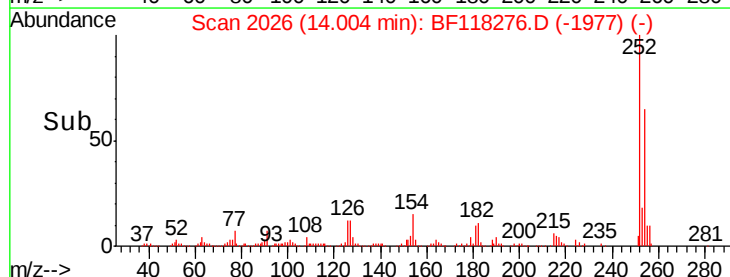
126 11.8 8.6 13.0

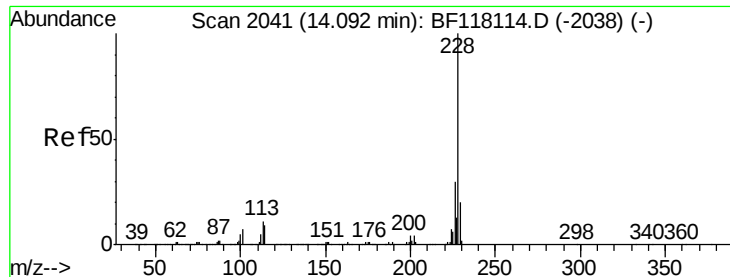


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.402 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF118276.D

Acq: 19 Dec 2019 13:42

Instrument :

BNA_F

ClientSampled :

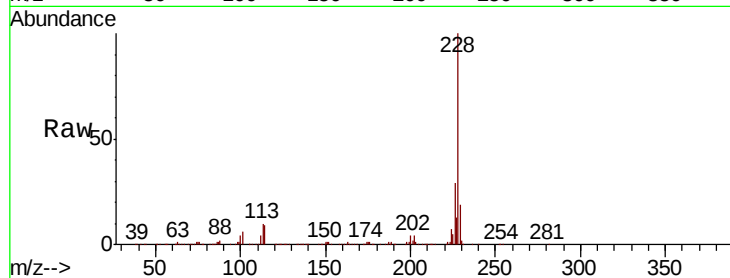
Tot Ion:228 Resp: 852503

Ion Ratio Lower Upper

228 100

226 29.3 23.8 35.8

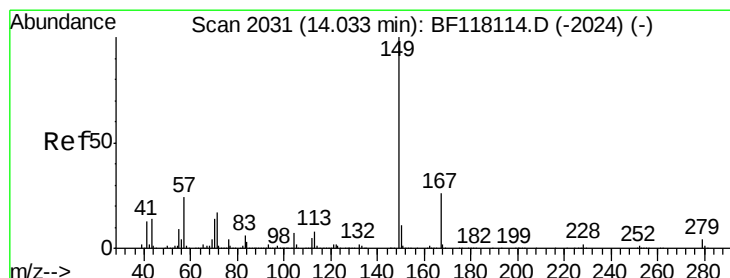
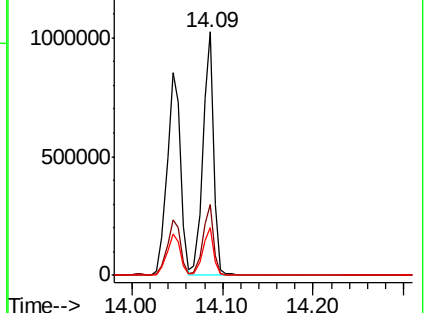
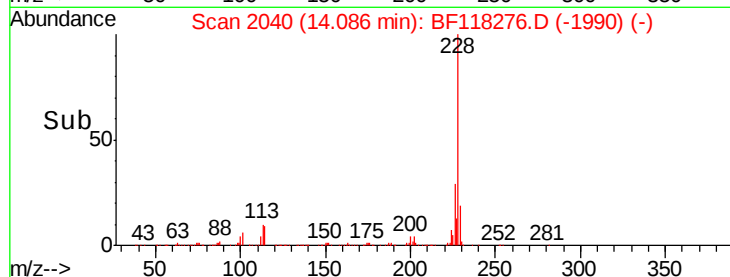
229 19.4 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.109 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF118276.D

Acq: 19 Dec 2019 13:42

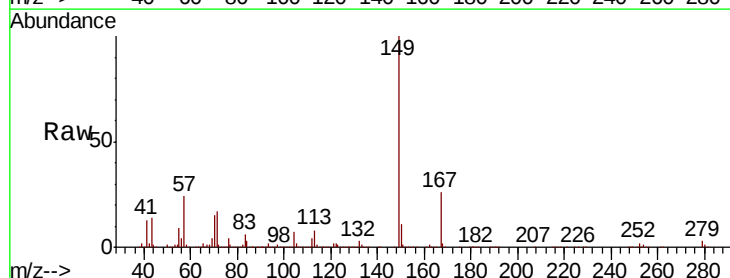
Tgt Ion:149 Resp: 647116

Ion Ratio Lower Upper

149 100

167 25.9 20.8 31.2

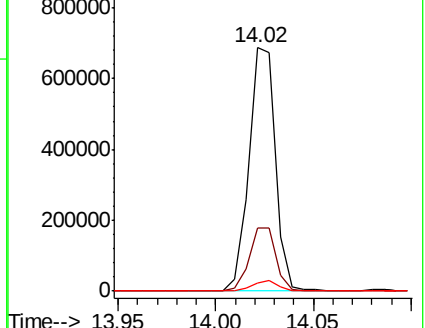
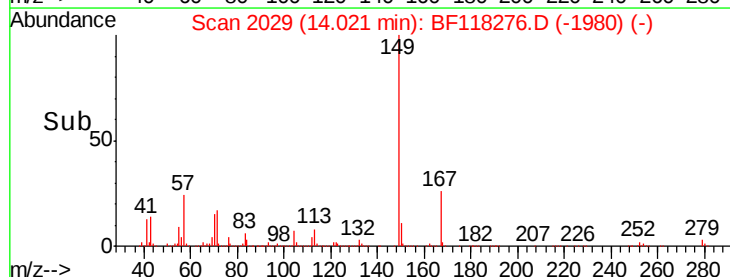
279 3.4 2.9 4.3

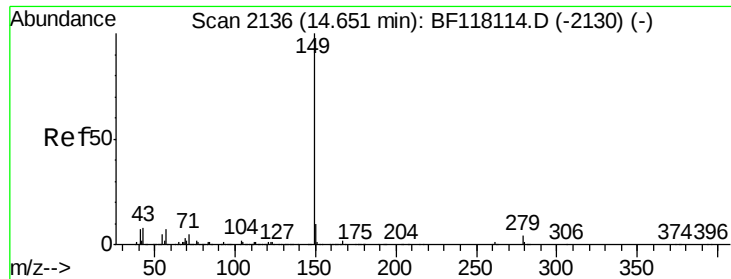


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.942 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BF118276.D

Acq: 19 Dec 2019 13:42

Instrument :

BNA_F

ClientSampled :

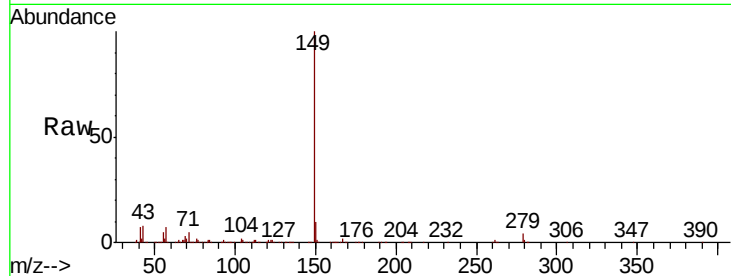
Tot Ion:149 Resp: 976543

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

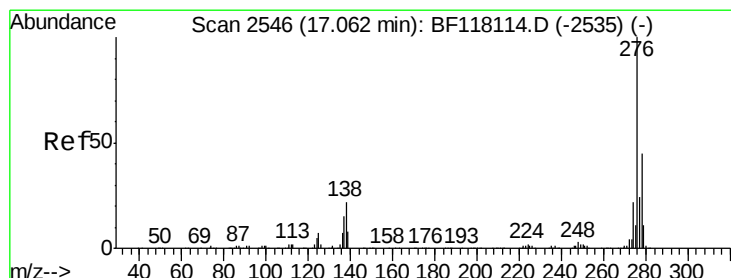
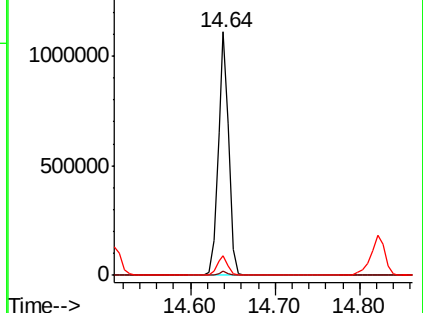
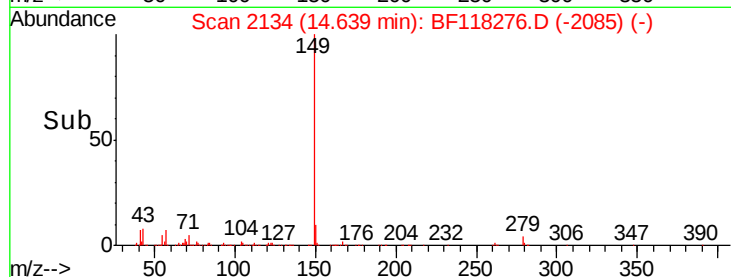
43 7.9 6.5 9.7



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: 39.177 ng

RT: 17.06 min Scan# 2546

Delta R.T. -0.00 min

Lab File: BF118276.D

Acq: 19 Dec 2019 13:42

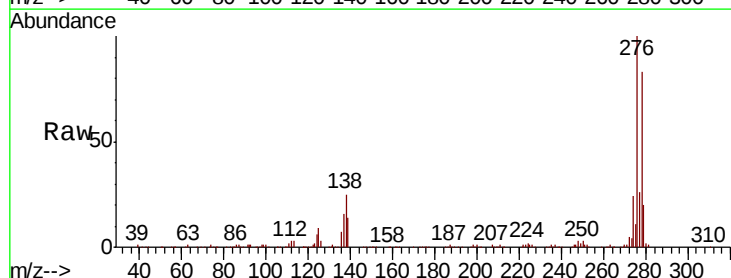
Tgt Ion:276 Resp: 678761

Ion Ratio Lower Upper

276 100

138 23.9 18.9 28.3

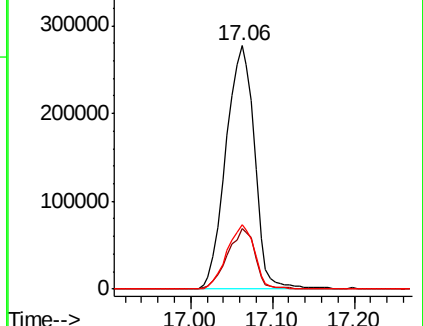
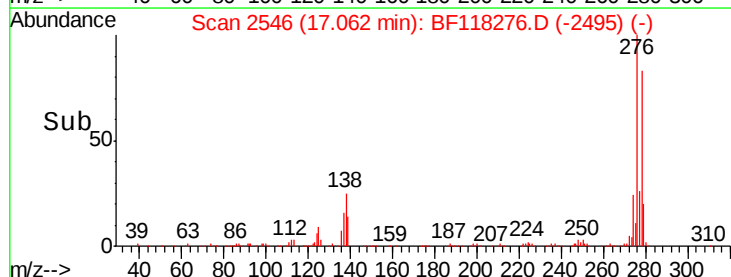
277 25.7 20.4 30.6

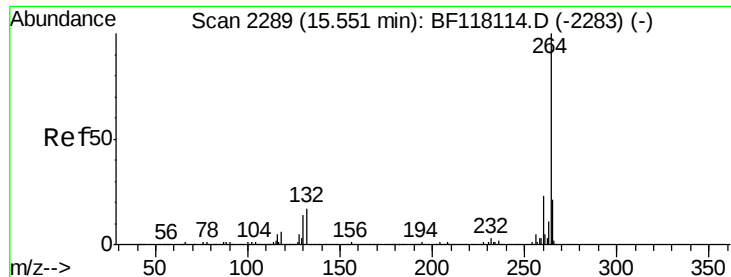


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.54 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BF118276.D

Acq: 19 Dec 2019 13:42

Instrument :

BNA_F

ClientSampleId :

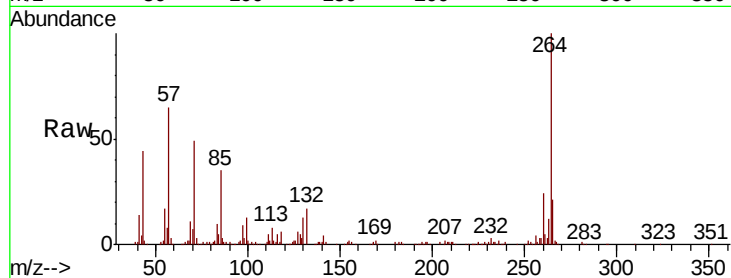
Tot Ion:264 Resp: 243167

Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 21.1 16.8 25.2

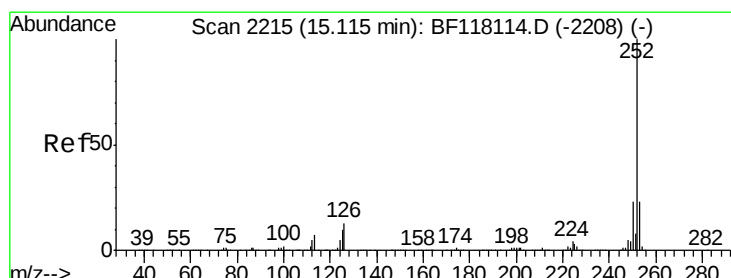
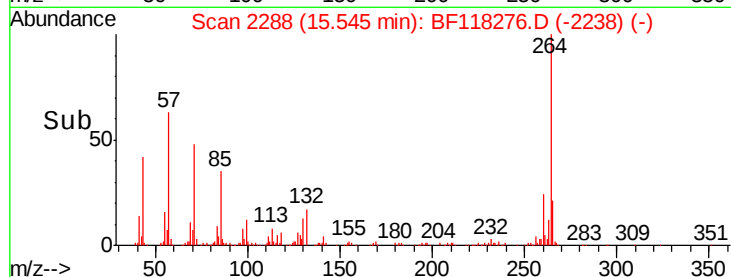
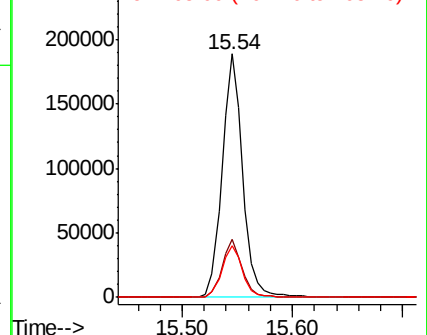


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.939 ng

RT: 15.11 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BF118276.D

Acq: 19 Dec 2019 13:42

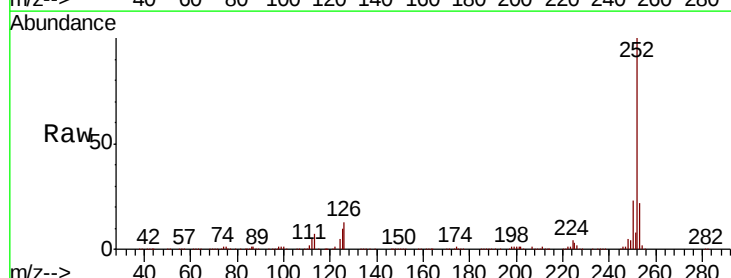
Tgt Ion:252 Resp: 706646

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

125 9.7 8.3 12.5

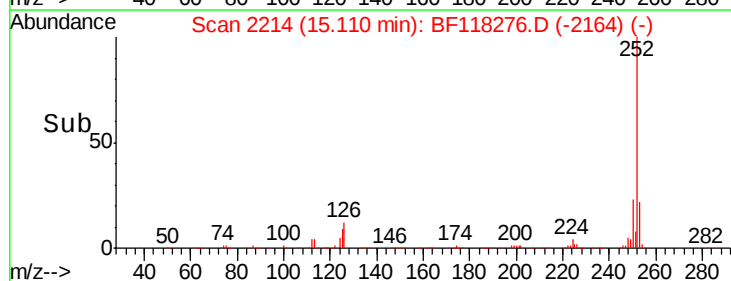
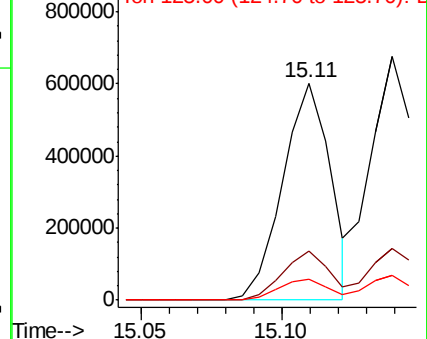


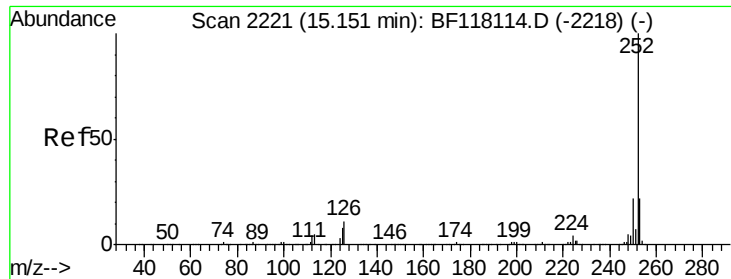
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

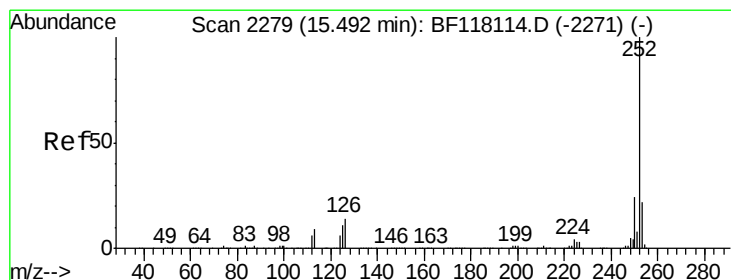
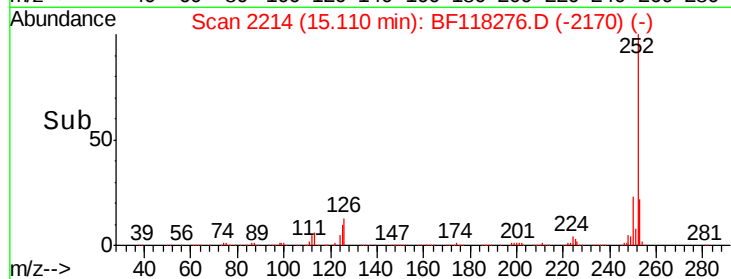
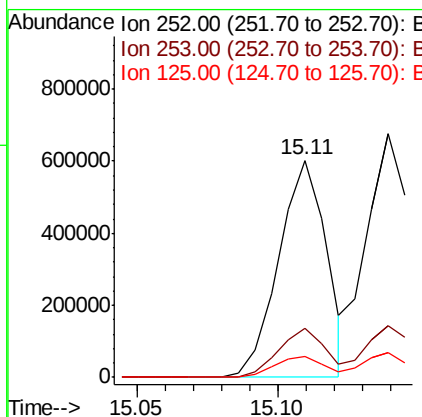
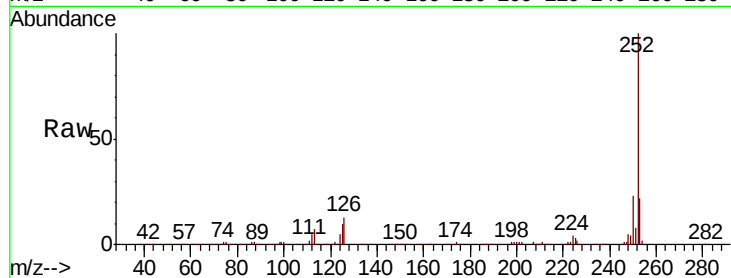




#89
Benzo(k)fluoranthene
Concen: 45.738 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.04 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

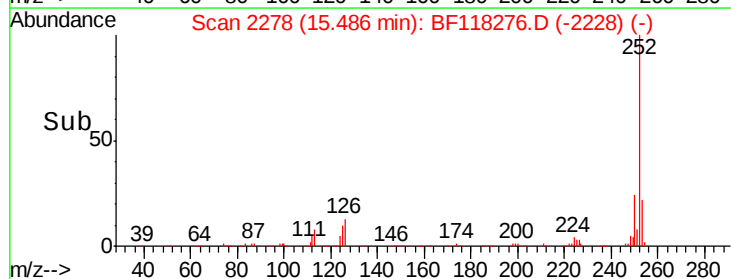
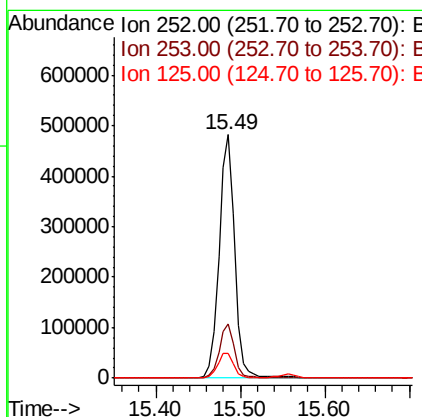
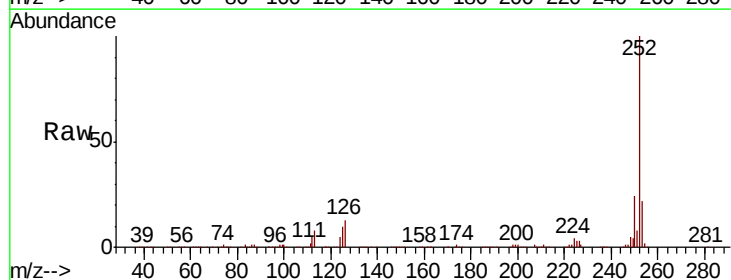
Instrument :
BNA_F
ClientSampleId :

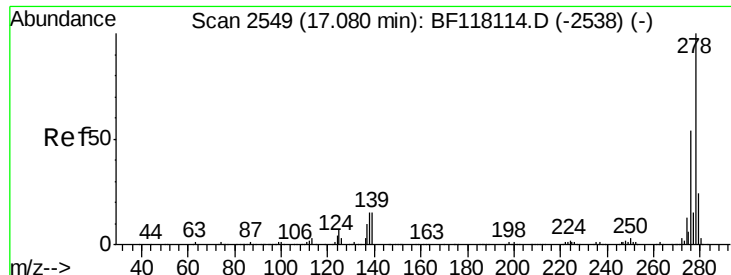
Tot Ion:252 Resp: 706646
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 9.7 6.7 10.1



#90
Benzo(a)pyrene
Concen: 44.039 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

Tgt Ion:252 Resp: 625516
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 10.2 9.1 13.7

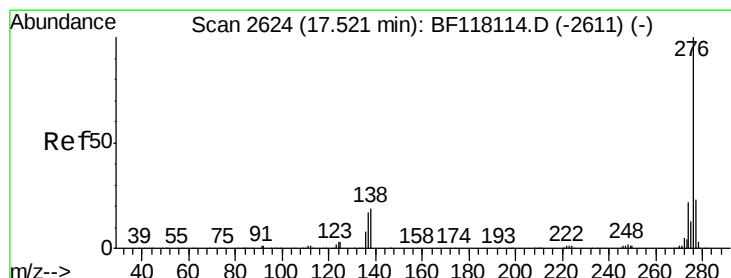
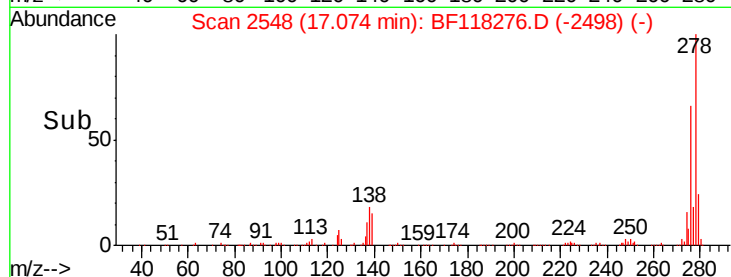
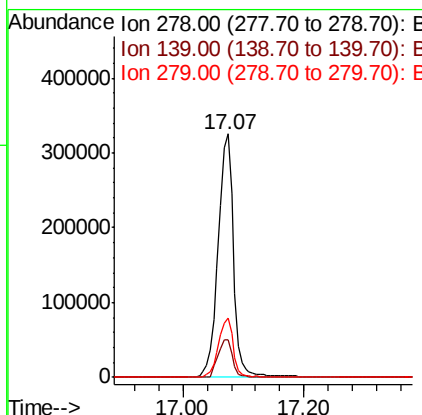
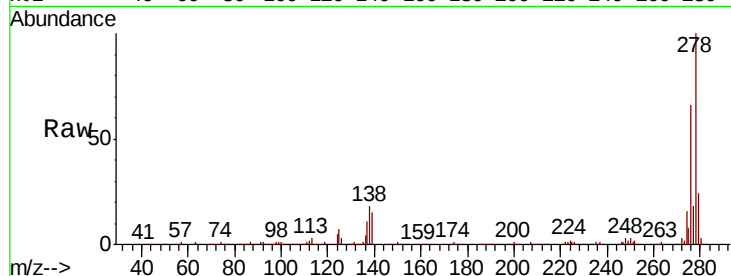




#91
Dibenzo(a,h)anthracene
Concen: 47.246 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	11.7	17.5
279	24.3	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 48.890 ng
RT: 17.51 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BF118276.D
Acq: 19 Dec 2019 13:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.2	27.4
138	19.8	15.5	23.3

