

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119295.D
 Acq On : 9 Mar 2020 20:59
 Operator : CG/JU
 Sample : L1844-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 21:30:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	95474	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	375405	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	209972	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	413887	20.00	ng	0.00
76) Chrysene-d12	13.89	240	326766	20.00	ng	0.00
87) Perylene-d12	15.31	264	326733	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	683598	119.66	ng	0.00
7) Phenol-d6	6.38	99	821729	118.27	ng	0.00
23) Nitrobenzene-d5	7.29	82	553709	77.88	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	317194	115.48	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1102230	77.33	ng	0.00
79) Terphenyl-d14	12.83	244	1504360	79.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	104851	41.221	ng	98
3) Pyridine	3.15	79	227944	32.813	ng	99
4) n-Nitrosodimethylamine	3.09	42	99754	47.404	ng	99
6) Aniline	6.39	93	281031	32.780	ng	96
8) 2-Chlorophenol	6.52	128	317808	51.547	ng	97
9) Benzaldehyde	6.27	77	216472	46.632	ng	100
10) Phenol	6.39	94	374957	49.914	ng	97
11) bis(2-Chloroethyl)ether	6.46	93	279768	48.674	ng	97
12) 1,3-Dichlorobenzene	6.66	146	345098	46.700	ng	97
13) 1,4-Dichlorobenzene	6.74	146	353125	47.754	ng	99
14) 1,2-Dichlorobenzene	6.89	146	327885	48.619	ng	99
15) Benzyl Alcohol	6.88	79	263058	52.385	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	228180	45.828	ng	# 14
17) 2-Methylphenol	7.00	107	253616	50.737	ng	93
18) Hexachloroethane	7.23	117	123604	46.721	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	216232	53.409	ng	96
20) 3+4-Methylphenols	7.16	107	339032	55.361	ng	# 86
22) Acetophenone	7.14	105	427181	49.181	ng	# 94
24) Nitrobenzene	7.31	77	330053	46.942	ng	95
25) Isophorone	7.55	82	587248	47.559	ng	99
26) 2-Nitrophenol	7.63	139	174476	46.835	ng	96
27) 2,4-Dimethylphenol	7.67	122	269233	53.250	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	357045	44.424	ng	99
29) 2,4-Dichlorophenol	7.88	162	279228	46.912	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	303154	42.958	ng	99
31) Naphthalene	8.03	128	905242	46.496	ng	99
32) Benzoic acid	7.85	122	144554	40.410	ng	98
33) 4-Chloroaniline	8.09	127	117732	14.060	ng	98
34) Hexachlorobutadiene	8.15	225	187756	42.712	ng	99
35) Caprolactam	8.46	113	52493	28.642	ng	99
36) 4-Chloro-3-methylphenol	8.59	107	296573	49.233	ng	99
37) 2-Methylnaphthalene	8.72	142	619267	47.265	ng	98
38) 1-Methylnaphthalene	8.82	142	583643	47.366	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	311090	43.943	ng	99

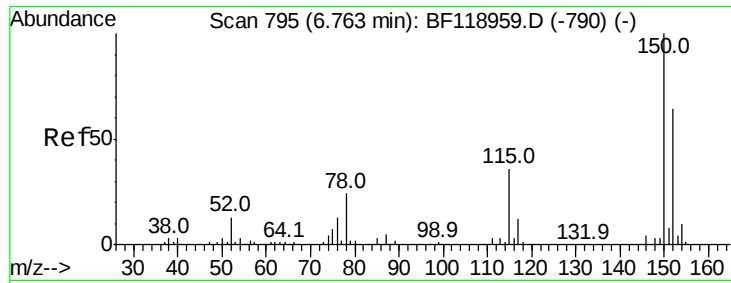
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	114215	48.512	nq	99
43) 2,4,6-Trichlorophenol	9.01	196	195663	43.767	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	205222	43.746	nq	99
46) 1,1'-Biphenyl	9.18	154	763425	44.987	nq	98
47) 2-Chloronaphthalene	9.21	162	605764	44.296	nq	98
48) 2-Nitroaniline	9.32	65	178881	46.898	nq	98
49) Acenaphthylene	9.62	152	929438	47.057	nq	99
50) Dimethylphthalate	9.49	163	819788	51.058	nq	99
51) 2,6-Dinitrotoluene	9.56	165	164617	46.147	nq	92
52) Acenaphthene	9.79	154	553930	46.511	nq	99
53) 3-Nitroaniline	9.73	138	83385	21.085	nq	94
54) 2,4-Dinitrophenol	9.85	184	124701	72.680	nq	# 90
55) Dibenzofuran	9.97	168	826200	46.478	nq	98
56) 4-Nitrophenol	9.92	139	139548	58.731	nq	96
57) 2,4-Dinitrotoluene	9.97	165	218926	47.348	nq	98
58) Fluorene	10.31	166	676660	48.987	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	183095	46.254	nq	97
60) Diethylphthalate	10.19	149	740044	48.909	nq	100
61) 4-Chlorophenyl-phenylether	10.30	204	355392	48.607	nq	97
62) 4-Nitroaniline	10.35	138	156939	38.788	nq	97
63) Azobenzene	10.46	77	663167	50.423	nq	95
65) 4,6-Dinitro-2-methylphenol	10.39	198	114895	45.876	nq	92
66) n-Nitrosodiphenylamine	10.42	169	618269	45.621	nq	100
67) 4-Bromophenyl-phenylether	10.79	248	236122	43.645	nq	95
68) Hexachlorobenzene	10.86	284	267877	42.946	nq	99
69) Atrazine	10.95	200	213037	44.992	nq	97
70) Pentachlorophenol	11.07	266	189055	75.242	nq	100
71) Phenanthrene	11.27	178	1051465	46.584	nq	99
72) Anthracene	11.32	178	1084400	48.083	nq	98
73) Carbazole	11.48	167	951171	47.342	nq	99
74) Di-n-butylphthalate	11.80	149	1221822	50.217	nq	98
75) Fluoranthene	12.46	202	1164940	48.622	nq	98
77) Benzidine	12.58	184	530840	39.945	nq	99
78) Pyrene	12.69	202	1165791	44.430	nq	99
80) Butylbenzylphthalate	13.30	149	533179	48.281	nq	98
81) Benzo(a)anthracene	13.88	228	1057110	47.479	nq	98
82) 3,3'-Dichlorobenzidine	13.83	252	302667	35.009	nq	98
83) Chrysene	13.92	228	1019479	45.954	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	772255	55.353	nq	100
85) Di-n-octyl phthalate	14.46	149	1287268	57.909	nq	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	959536	44.669	nq	99
88) Benzo(b)fluoranthene	14.91	252	1041167	48.344	nq	98
89) Benzo(k)fluoranthene	14.93	252	923217	46.257	nq	100
90) Benzo(a)pyrene	15.26	252	868190	44.666	nq	98
91) Dibenzo(a,h)anthracene	16.73	278	813220	47.550	nq	100
92) Benzo(g,h,i)perylene	17.14	276	772525	45.717	nq	98

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

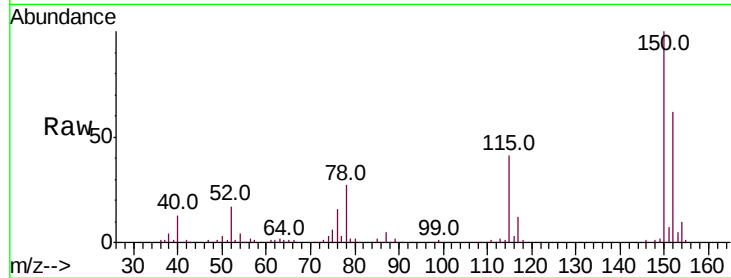


#1

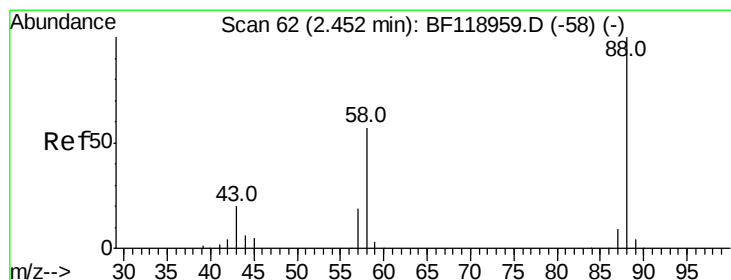
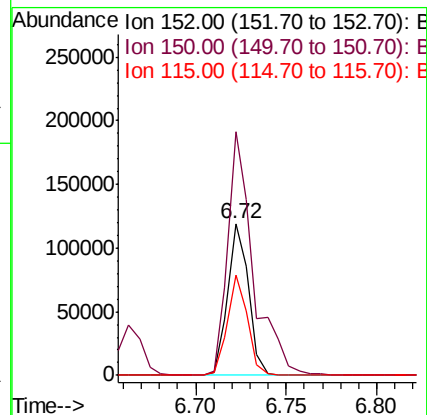
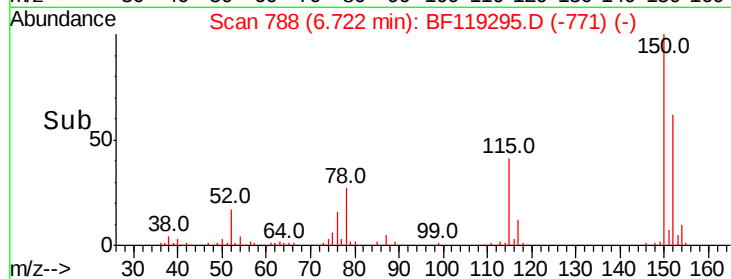
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF119295.D
 Acq: 9 Mar 2020 20:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 95474
 Ion Ratio Lower Upper
 152 100
 150 160.1 123.0 184.6
 115 65.9 49.5 74.3



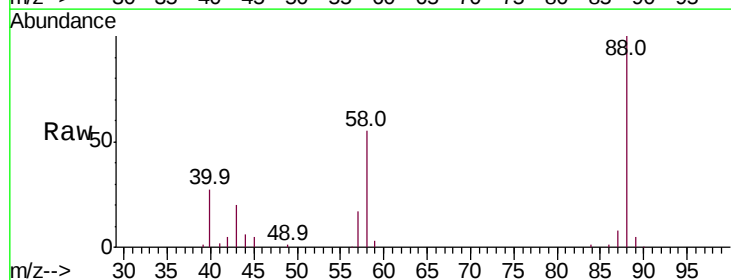
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



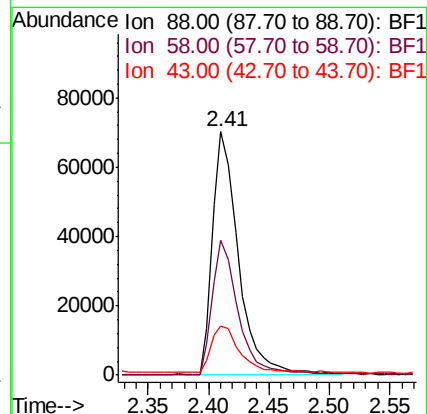
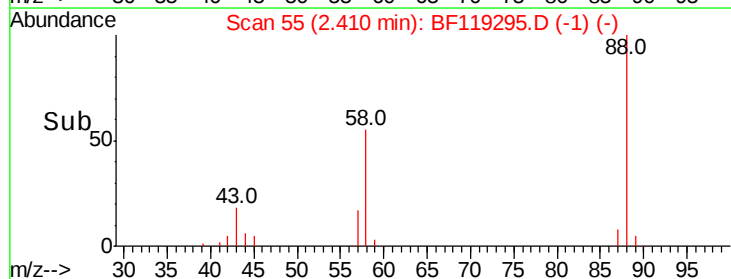
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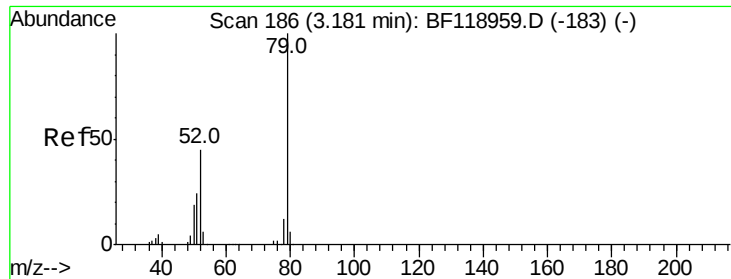
1,4-Dioxane
 Concen: 41.221 ng
 RT: 2.41 min Scan# 55
 Delta R.T. 0.03 min
 Lab File: BF119295.D
 Acq: 9 Mar 2020 20:59

Tgt Ion: 88 Resp: 104851
 Ion Ratio Lower Upper
 88 100
 58 56.0 43.8 65.6
 43 20.7 16.2 24.4



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

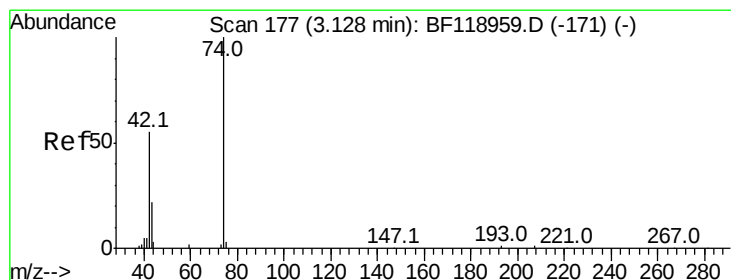
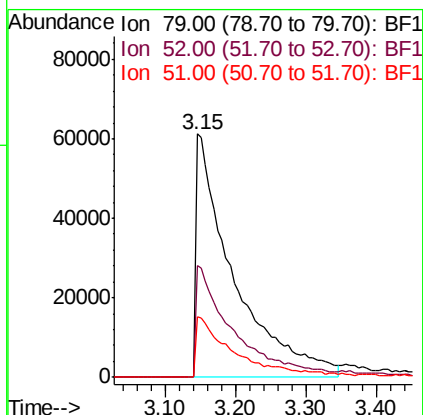
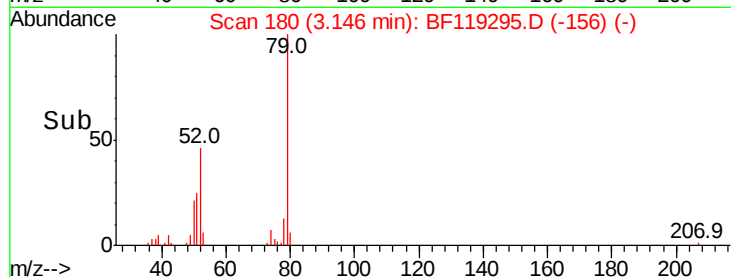
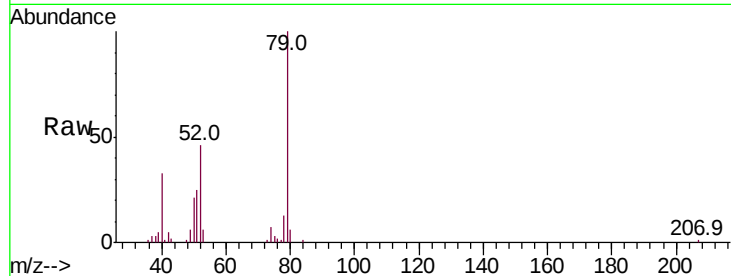




#3
Pvrirdine
Concen: 32.813 ng
RT: 3.15 min Scan# 180
Delta R.T. 0.04 min
Lab File: BF119295.D
Acq: 9 Mar 2020 20:59

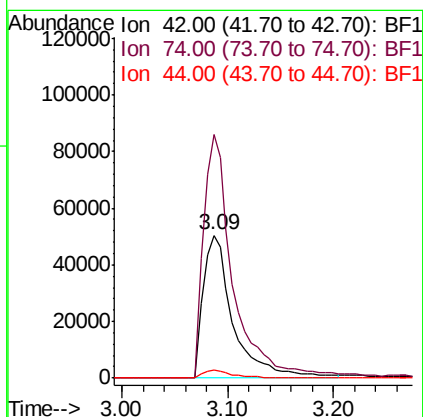
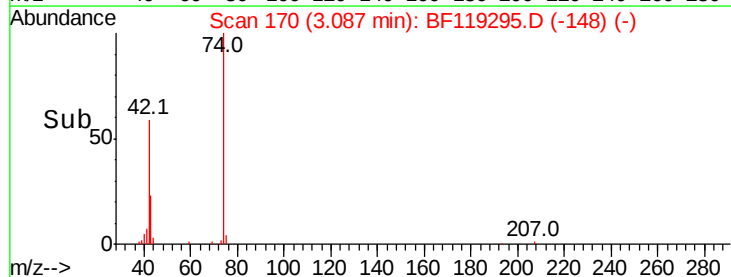
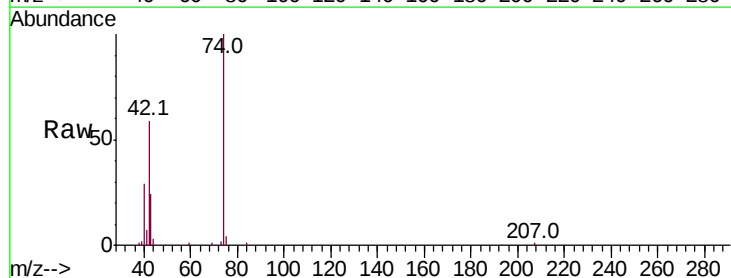
Instrument :
BNA_F
ClientSampleId :

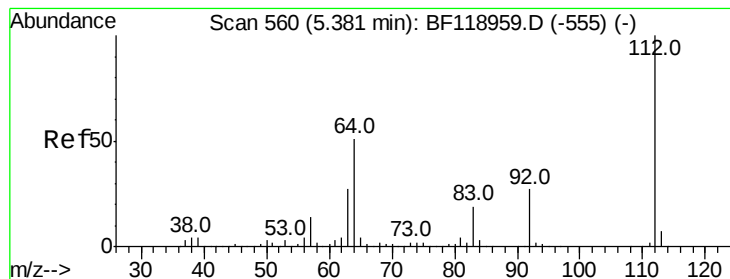
Tot Ion: 79 Resp: 227944
Ion Ratio Lower Upper
79 100
52 45.8 37.4 56.0
51 24.8 19.8 29.6



#4
n-Nitrosodimethylamine
Concen: 47.404 ng
RT: 3.09 min Scan# 170
Delta R.T. 0.03 min
Lab File: BF119295.D
Acq: 9 Mar 2020 20:59

Tgt Ion: 42 Resp: 99754
Ion Ratio Lower Upper
42 100
74 170.7 137.7 206.5
44 5.3 4.5 6.7





#5

2-Fluorophenol

Concen: 119.657 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF119295.D

Acq: 9 Mar 2020 20:59

Instrument :

BNA_F

ClientSampled :

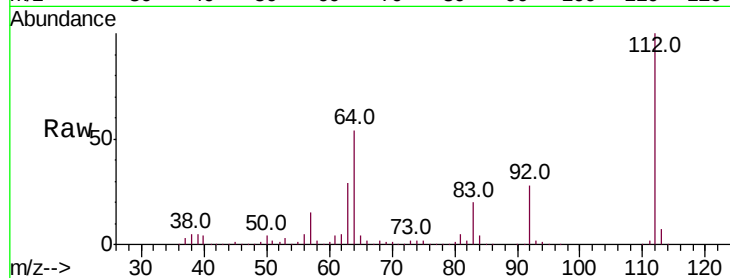
Tot Ion:112 Resp: 683598

Ion Ratio Lower Upper

112 100

64 53.8 45.0 67.4

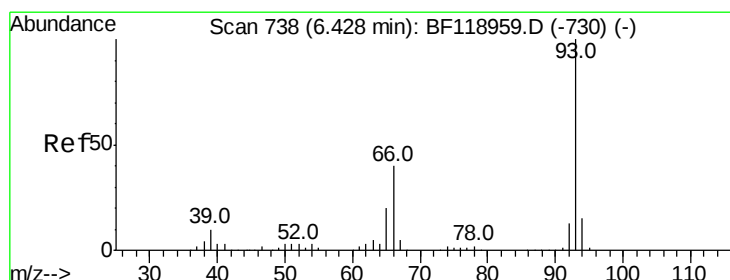
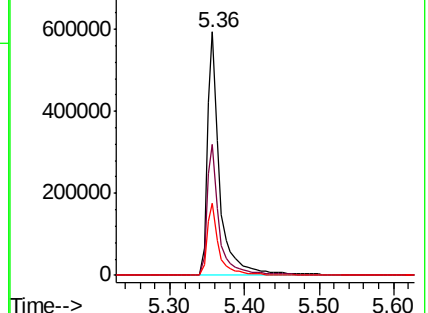
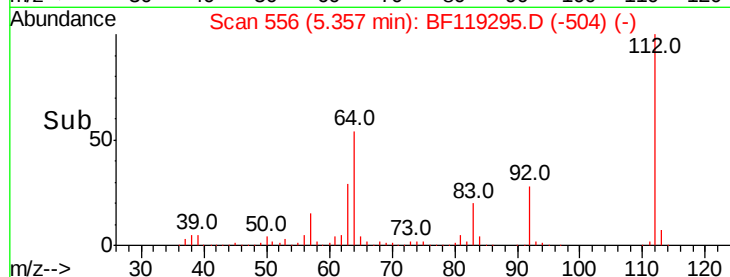
63 29.4 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.780 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF119295.D

Acq: 9 Mar 2020 20:59

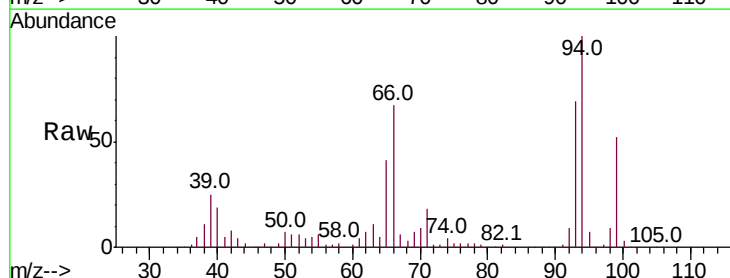
Tgt Ion: 93 Resp: 281031

Ion Ratio Lower Upper

93 100

66 97.1 74.5 111.7

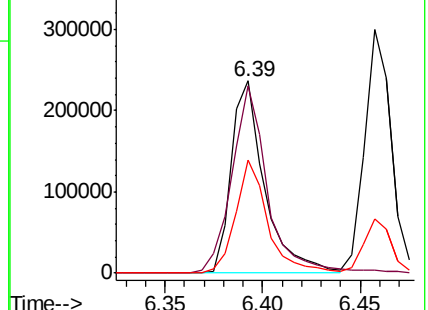
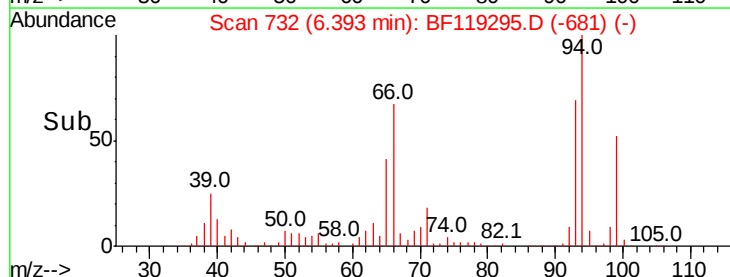
65 58.9 45.3 67.9

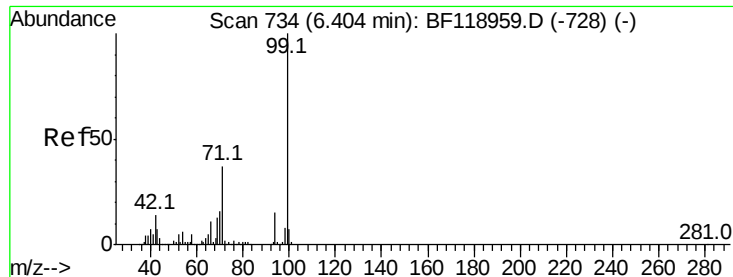


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.268 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119295.D

Acq: 9 Mar 2020 20:59

Instrument :

BNA_F

ClientSampled :

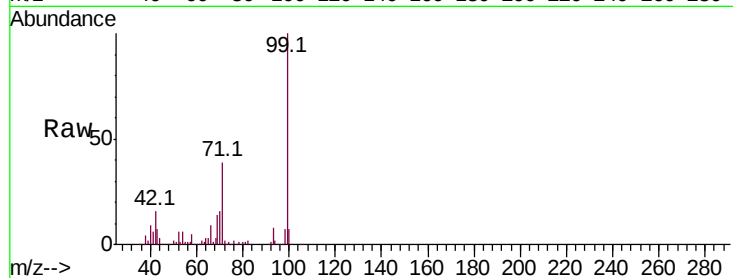
Tot Ion: 99 Resp: 821729

Ion Ratio Lower Upper

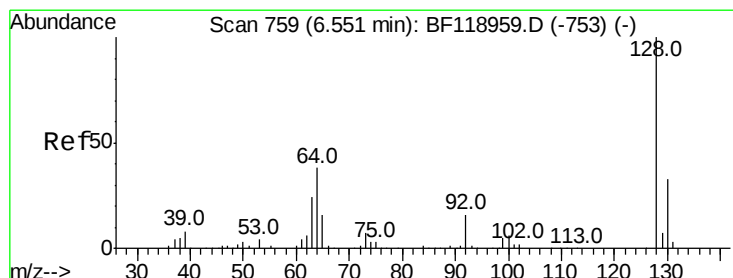
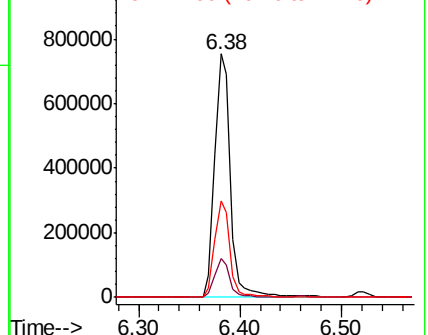
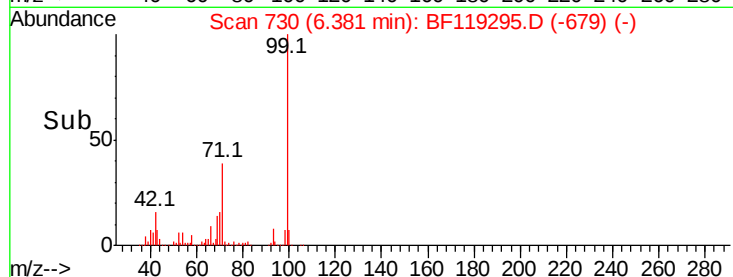
99 100

42 16.0 12.6 18.8

71 39.4 31.0 46.4



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: 51.547 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF119295.D

Acq: 9 Mar 2020 20:59

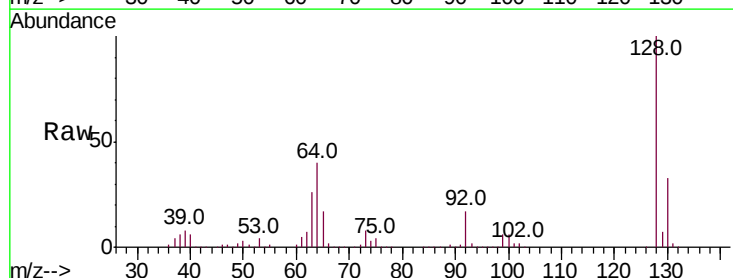
Tgt Ion:128 Resp: 317808

Ion Ratio Lower Upper

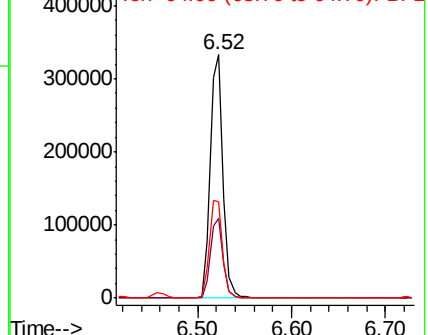
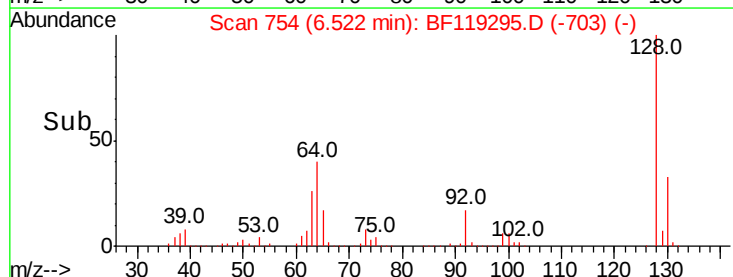
128 100

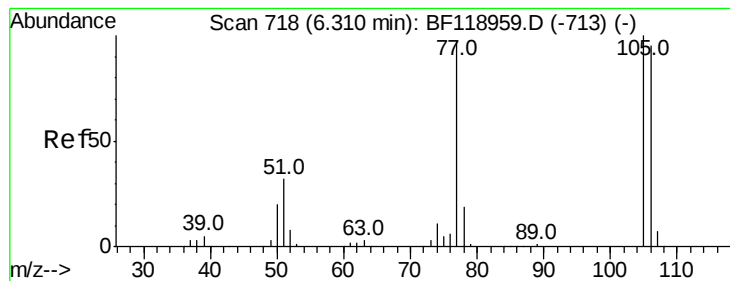
130 33.0 12.7 52.7

64 39.7 22.3 62.3



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





#9

Benzaldehyde

Concen: 46.632 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF119295.D

Acq: 9 Mar 2020 20:59

Instrument :

BNA_F

ClientSampleId :

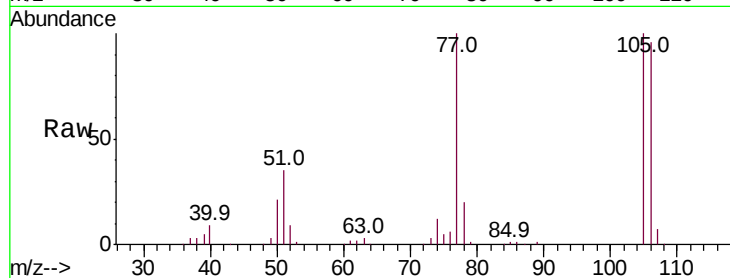
Tot Ion: 77 Resp: 216472

Ion Ratio Lower Upper

77 100

105 100.2 80.1 120.1

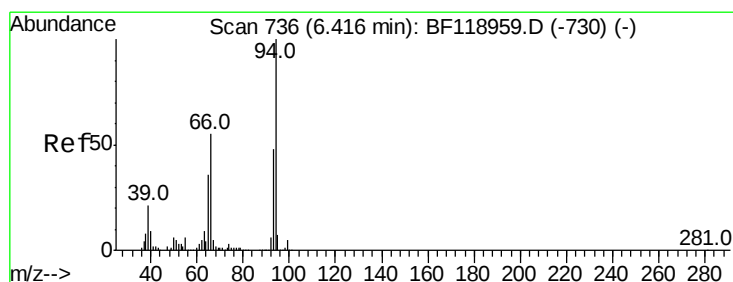
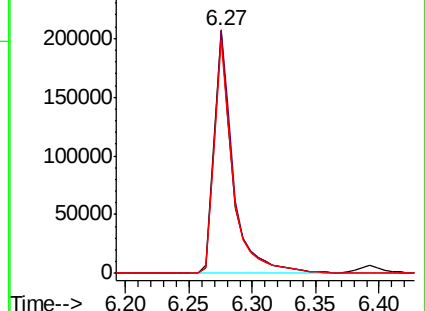
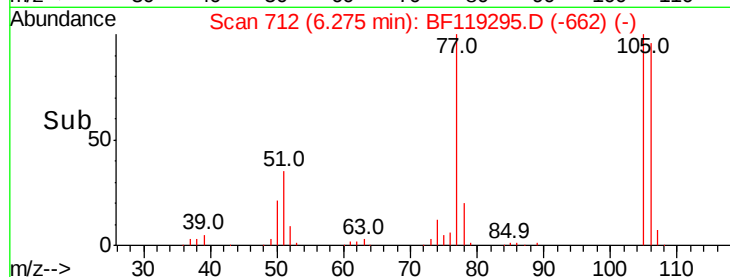
106 95.9 75.9 115.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 49.914 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF119295.D

Acq: 9 Mar 2020 20:59

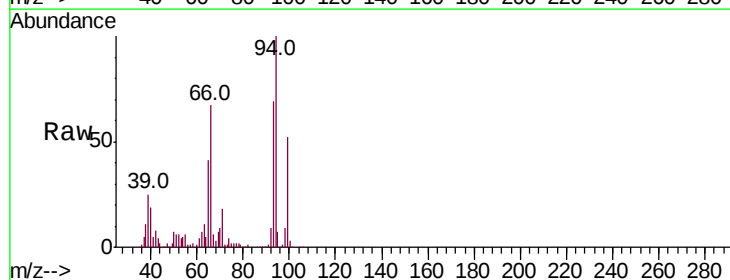
Tgt Ion: 94 Resp: 374957

Ion Ratio Lower Upper

94 100

65 40.6 19.2 59.2

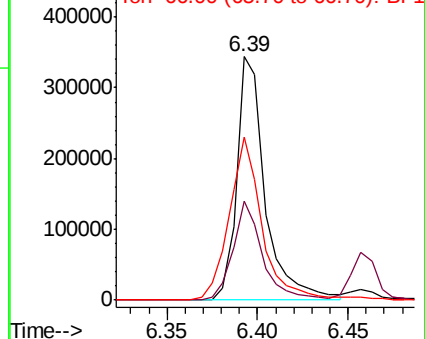
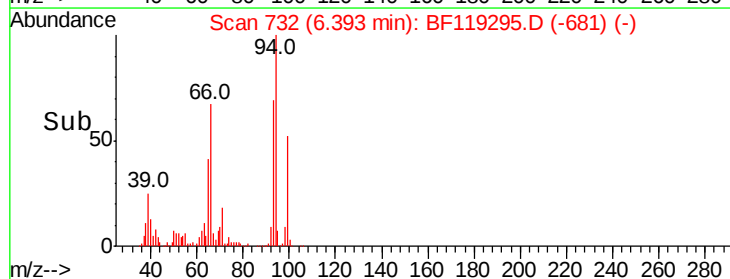
66 66.8 44.4 84.4

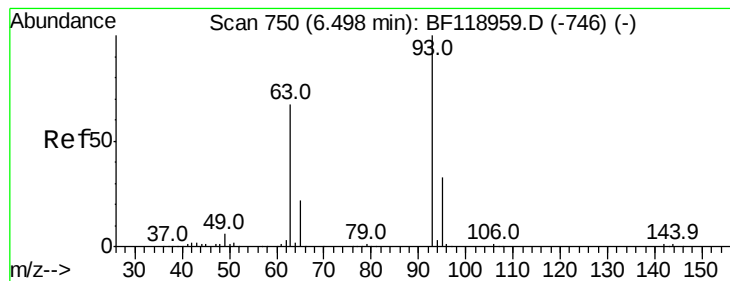


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

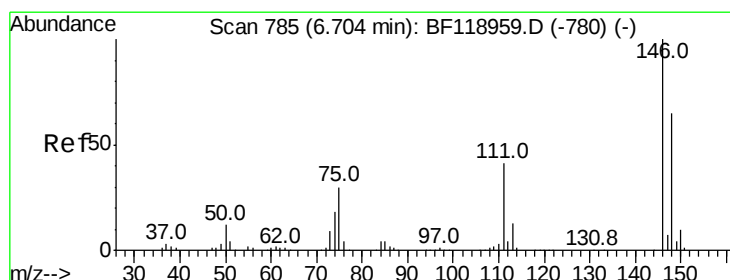
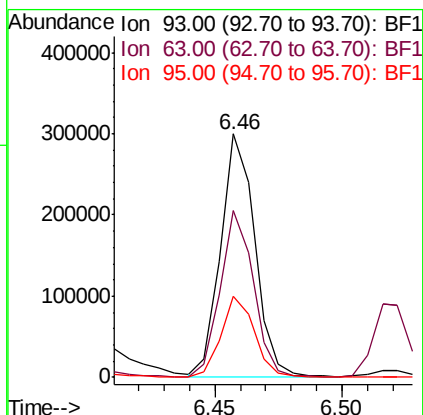
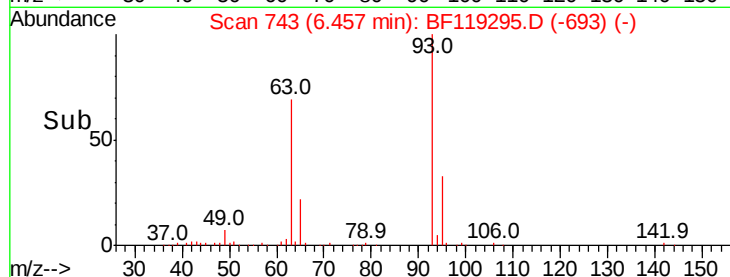
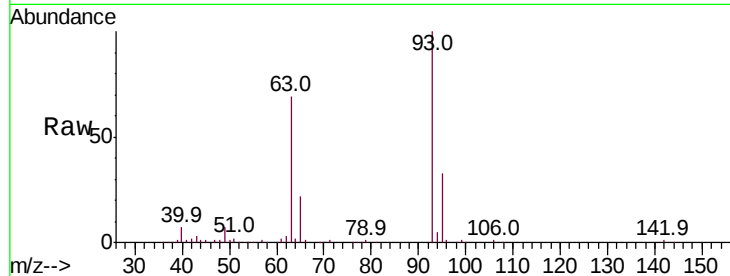




#11
bis(2-Chloroethyl)ether
Concen: 48.674 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF119295.D
Acq: 9 Mar 2020 20:59

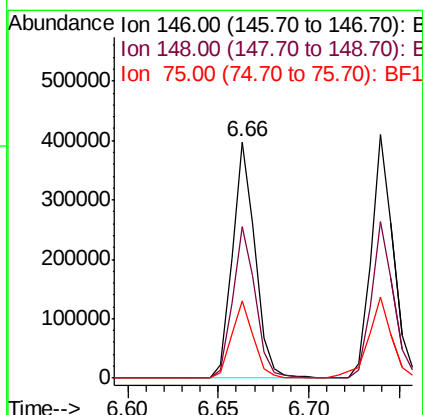
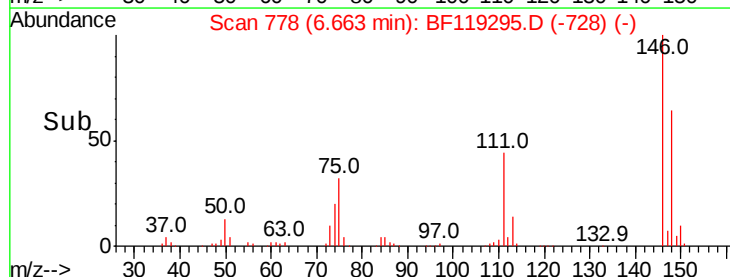
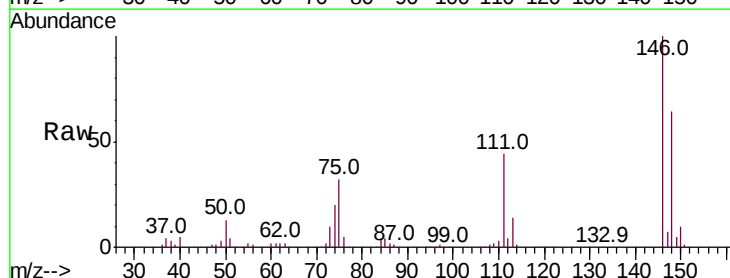
Instrument :
BNA_F
ClientSampleId :

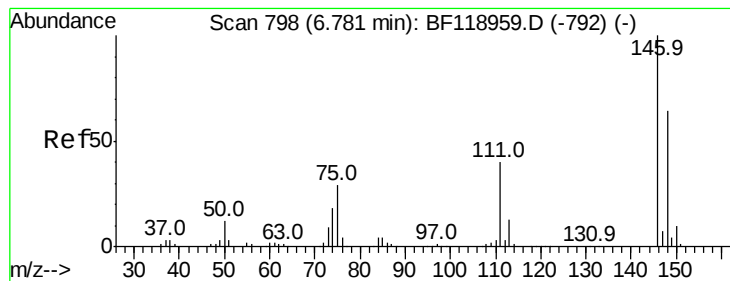
Tot Ion: 93 Resp: 279768
Ion Ratio Lower Upper
93 100
63 68.7 45.4 85.4
95 33.2 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 46.700 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF119295.D
Acq: 9 Mar 2020 20:59

Tgt Ion: 146 Resp: 345098
Ion Ratio Lower Upper
146 100
148 63.8 52.5 78.7
75 32.4 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 47.754 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF119295.D

Acq: 9 Mar 2020 20:59

Instrument :

BNA_F

ClientSampled :

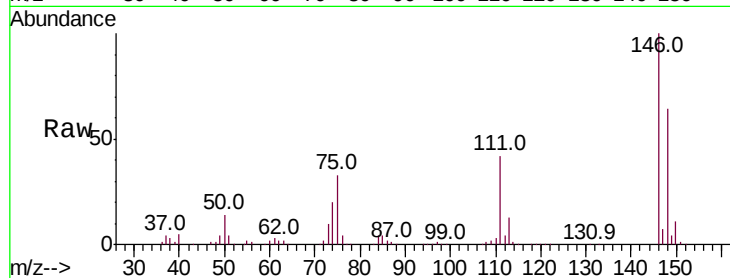
Tot Ion:146 Resp: 353125

Ion Ratio Lower Upper

146 100

148 64.1 51.1 76.7

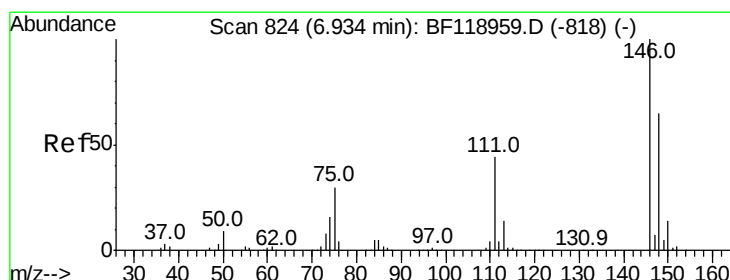
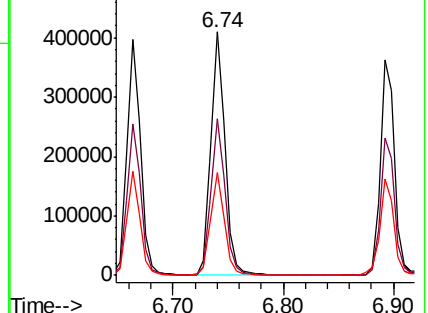
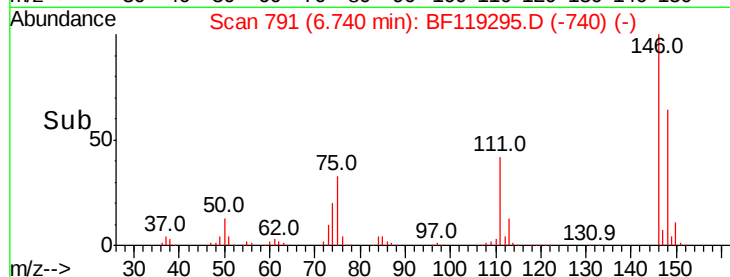
111 42.3 34.8 52.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 48.619 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF119295.D

Acq: 9 Mar 2020 20:59

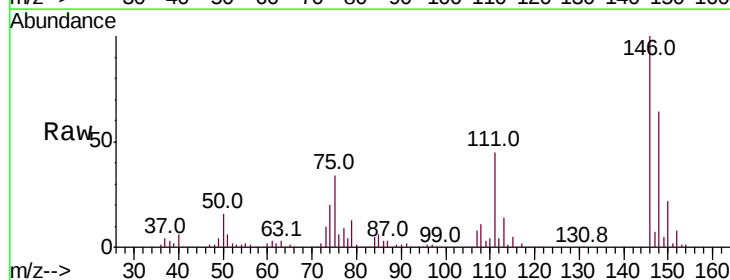
Tgt Ion:146 Resp: 327885

Ion Ratio Lower Upper

146 100

148 63.5 51.9 77.9

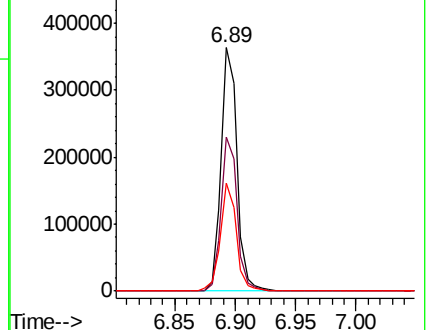
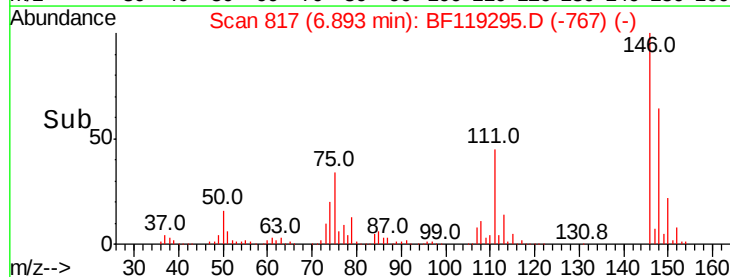
111 44.5 36.2 54.2

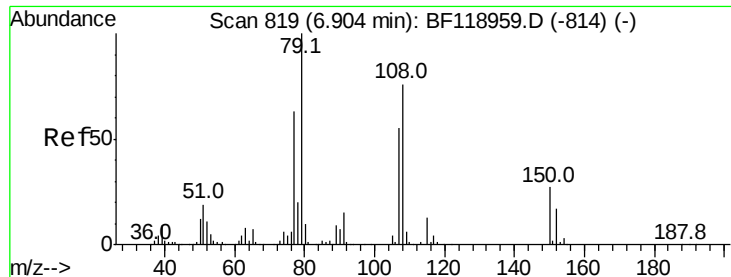


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 52.385 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF119295.D

Acq: 9 Mar 2020 20:59

Instrument :

BNA_F

ClientSampleId :

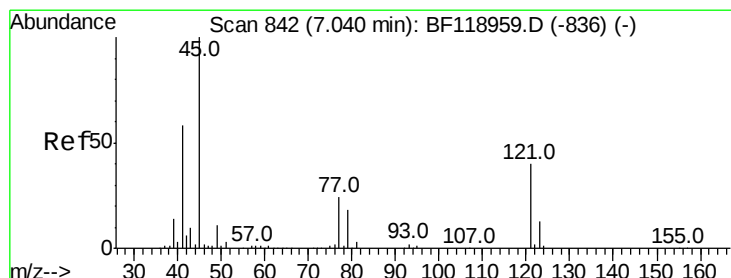
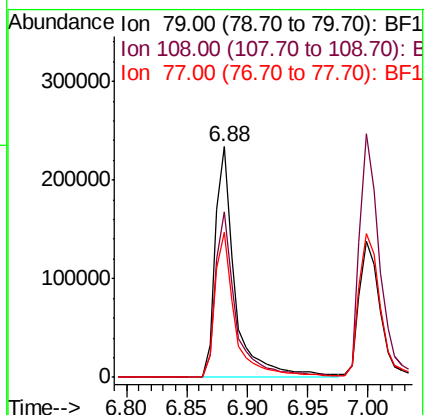
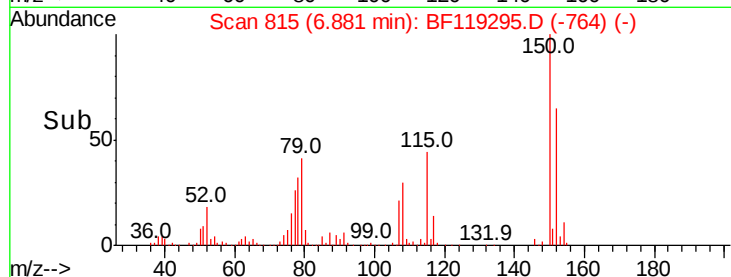
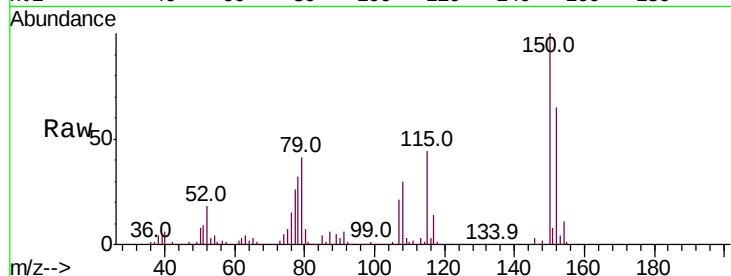
Tot Ion: 79 Resp: 263058

Ion Ratio Lower Upper

79 100

108 71.7 58.2 87.2

77 63.1 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.828 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF119295.D

Acq: 9 Mar 2020 20:59

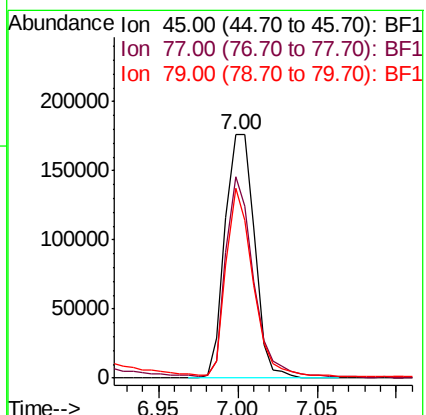
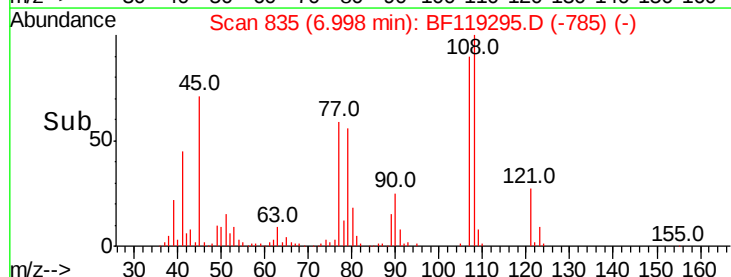
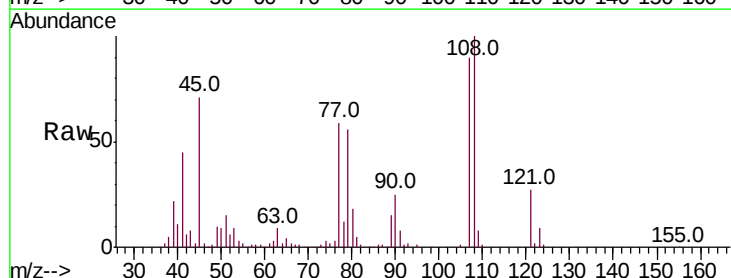
Tgt Ion: 45 Resp: 228180

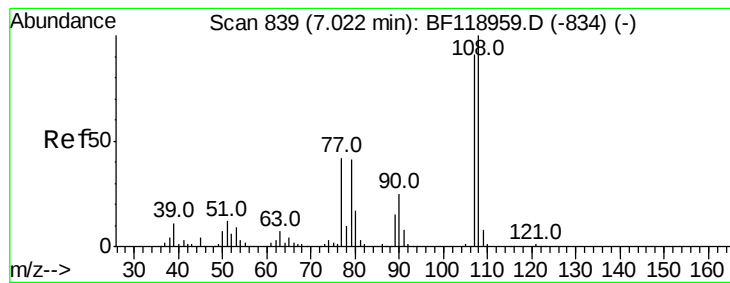
Ion Ratio Lower Upper

45 100

77 82.6 15.0 55.0#

79 78.2 9.4 49.4#

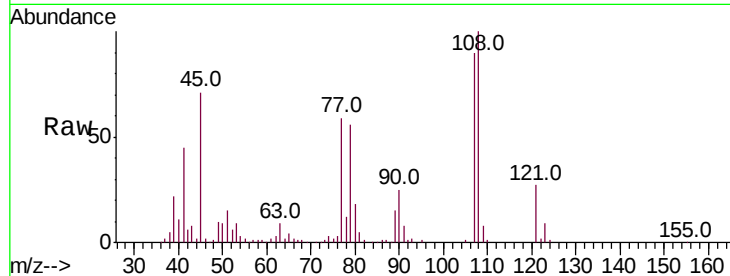




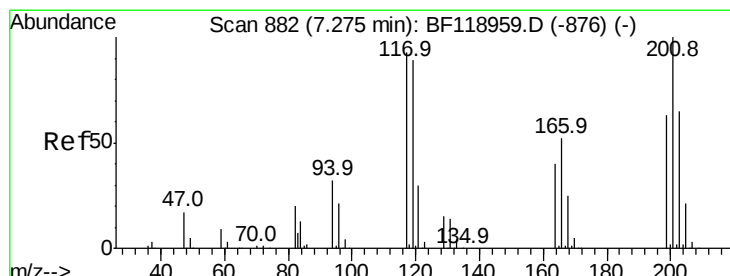
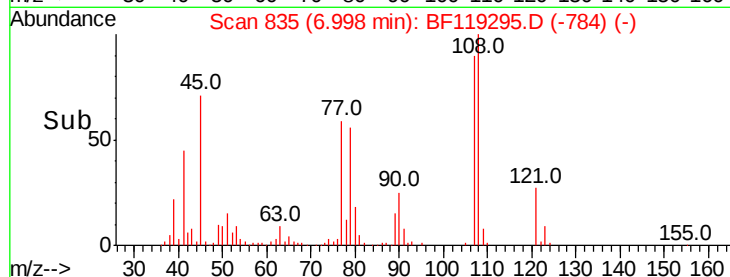
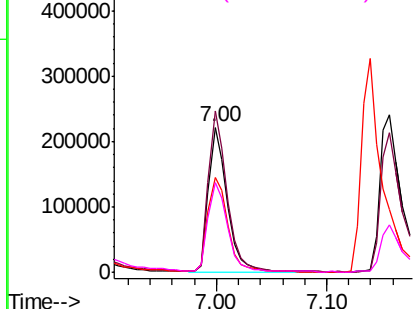
#17
2-Methylphenol
Concen: 50.737 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF119295.D
Acq: 9 Mar 2020 20:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 253616
Ion Ratio Lower Upper
107 100
108 111.4 87.9 131.9
77 65.7 45.3 67.9
79 62.1 43.0 64.4

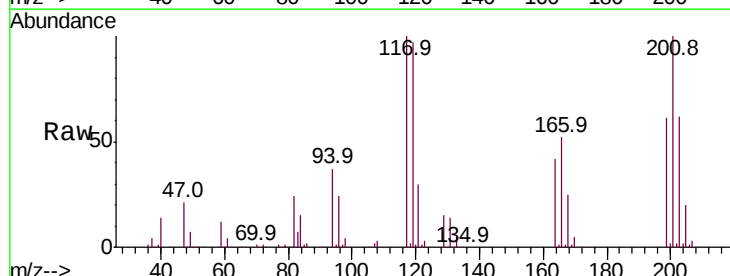


Abundance Ion 107.00 (106.70 to 107.70): E
500000 Ion 108.00 (107.70 to 108.70): E
400000 Ion 77.00 (76.70 to 77.70): BF1
300000 Ion 79.00 (78.70 to 79.70): BF1
200000
100000
0

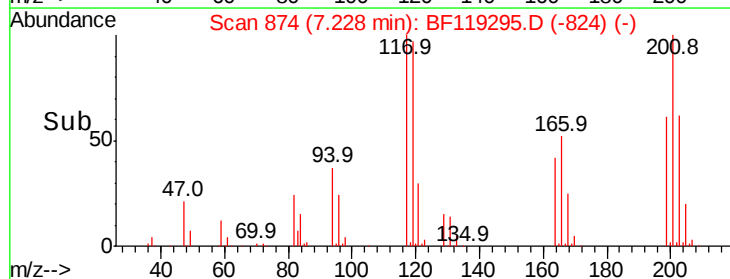
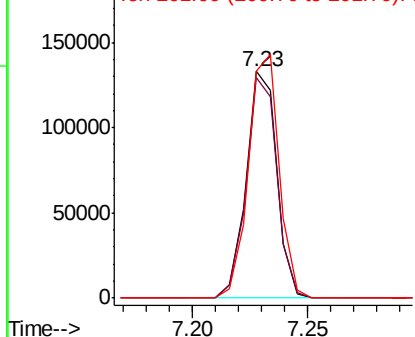


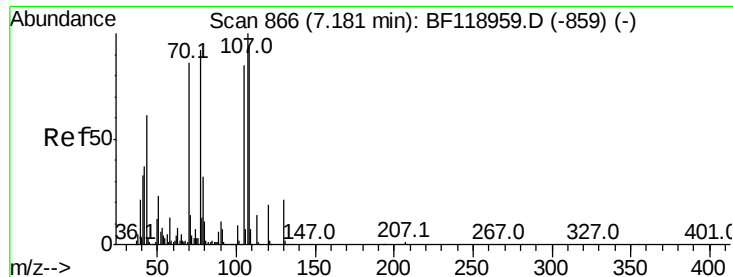
#18
Hexachloroethane
Concen: 46.721 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF119295.D
Acq: 9 Mar 2020 20:59

Tgt Ion:117 Resp: 123604
Ion Ratio Lower Upper
117 100
119 97.2 77.5 116.3
201 100.2 82.6 123.8



Abundance Ion 117.00 (116.70 to 117.70): E
150000 Ion 119.00 (118.70 to 119.70): E
100000 Ion 201.00 (200.70 to 201.70): E
50000
0

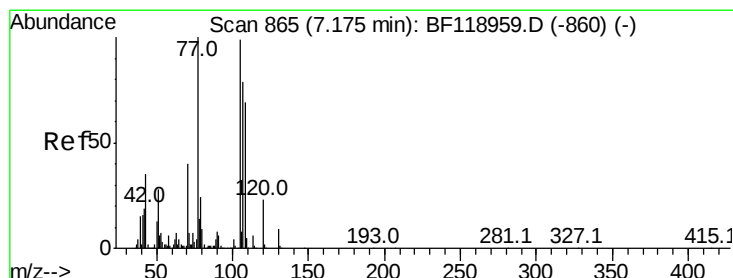
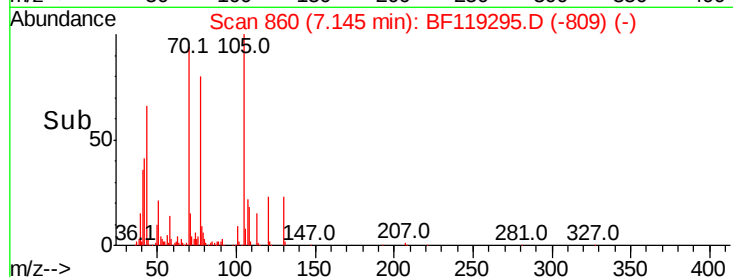
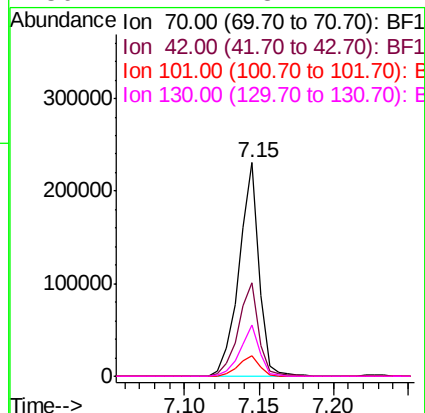
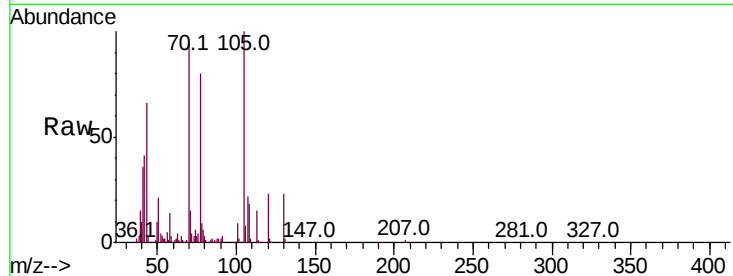




#19
n-Nitroso-di-n-propylamine
Concen: 53.409 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119295.D
Acq: 9 Mar 2020 20:59

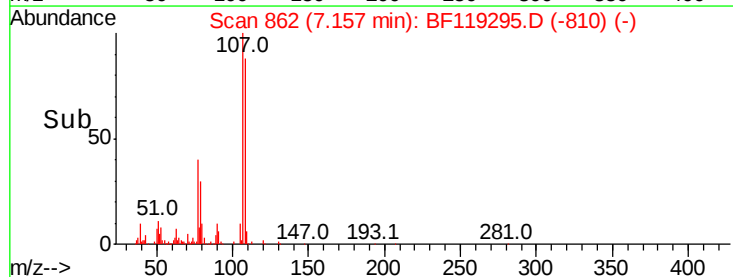
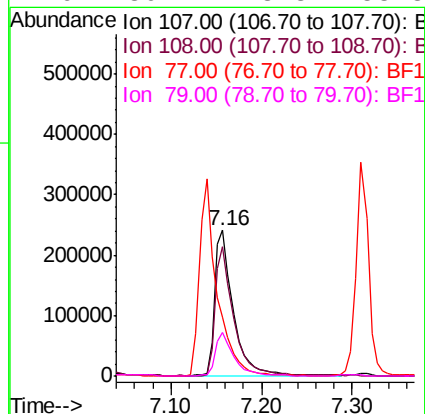
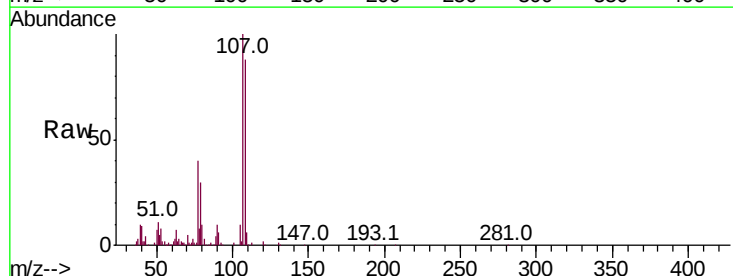
Instrument :
BNA_F
ClientSampleId :

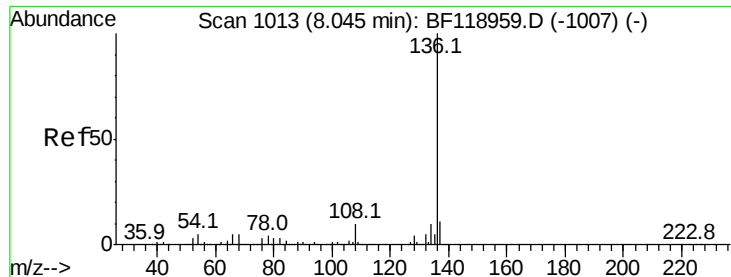
Tot Ion:	70	Resp:	216232
Ion	Ratio	Lower	Upper
70	100		
42	43.8	38.0	57.0
101	9.8	8.2	12.4
130	24.2	18.2	27.4



#20
3+4-Methylphenols
Concen: 55.361 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF119295.D
Acq: 9 Mar 2020 20:59

Tgt Ion:	107	Resp:	339032
Ion	Ratio	Lower	Upper
107	100		
108	88.3	71.5	111.5
77	40.0	45.9	85.9#
79	30.1	13.8	53.8

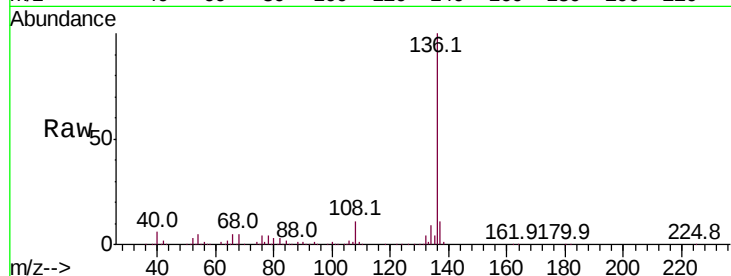




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119295.D
Acq: 9 Mar 2020 20:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	375405
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	5.4	3.8	5.6
68	5.5	3.9	5.9



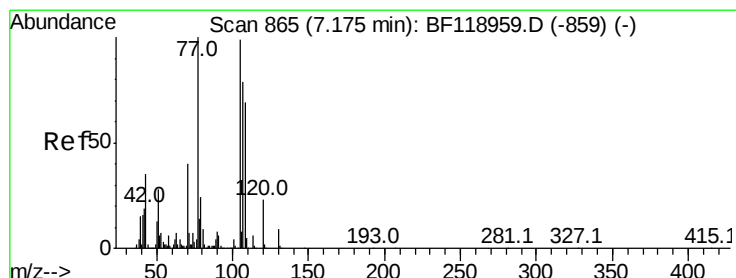
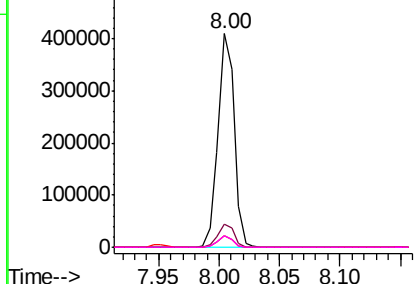
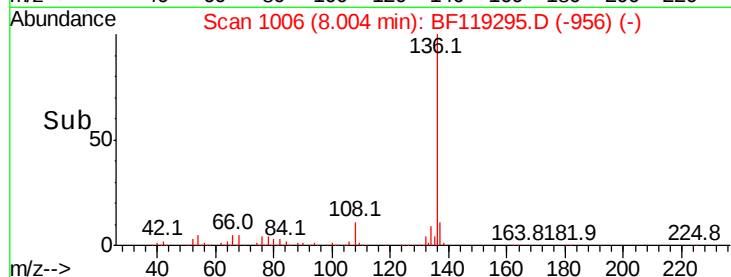
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

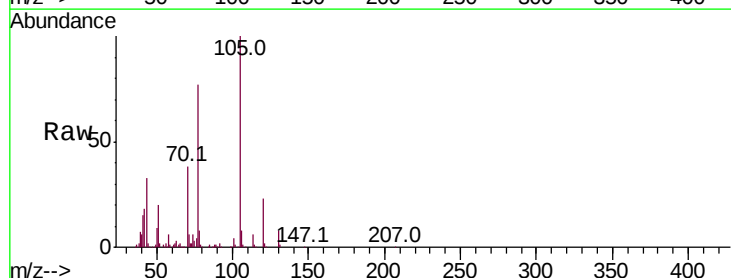
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 49.181 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF119295.D
Acq: 9 Mar 2020 20:59

Tgt Ion:	105	Resp:	427181
Ion	Ratio	Lower	Upper
105	100		
71	6.2	3.0	4.4#
51	20.2	20.1	30.1
120	23.2	18.0	27.0



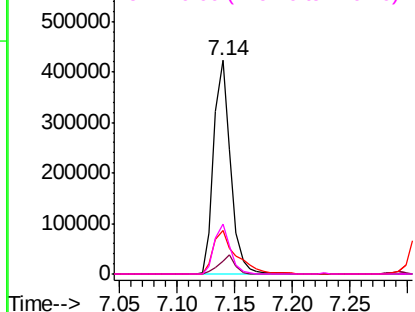
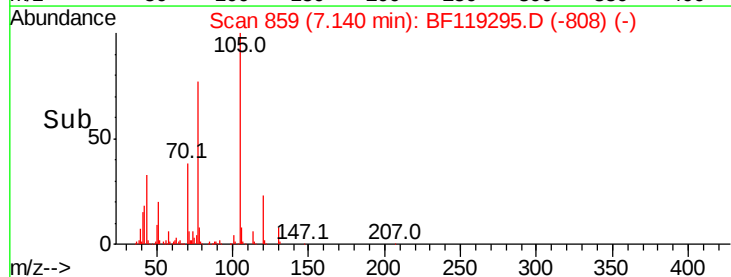
Abundance

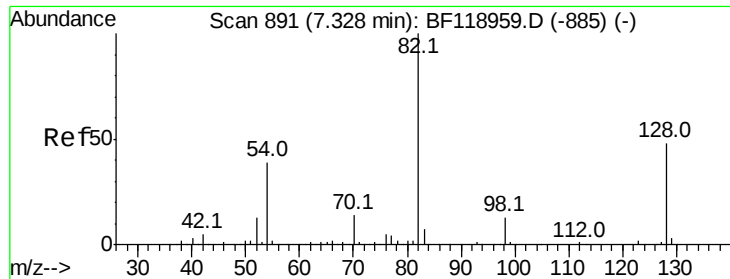
Ion 105.00 (104.70 to 105.70): E

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

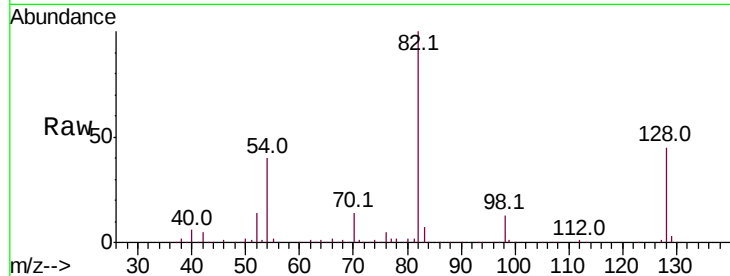




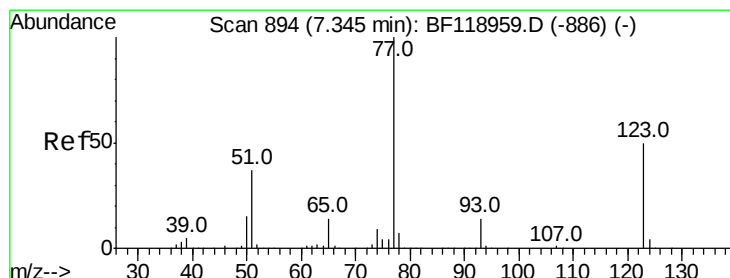
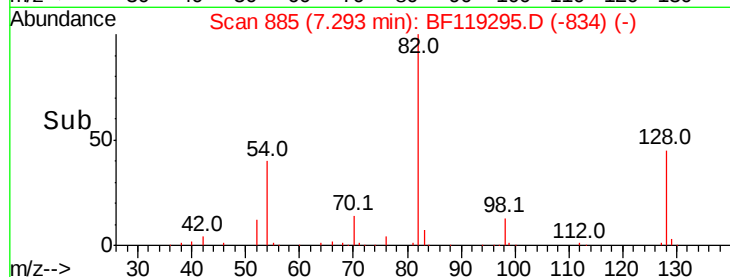
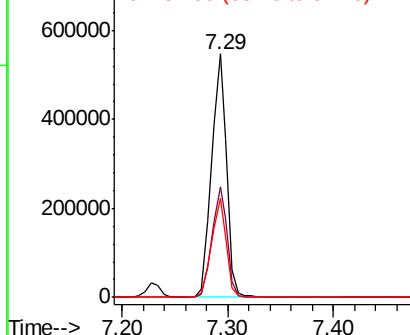
#23
 Nitrobenzene-d5
 Concen: 77.878 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF119295.D
 Acq: 9 Mar 2020 20:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	553709
Ion Ratio	Lower	Upper	
82	100		
128	45.4	37.9	56.9
54	40.4	33.4	50.2

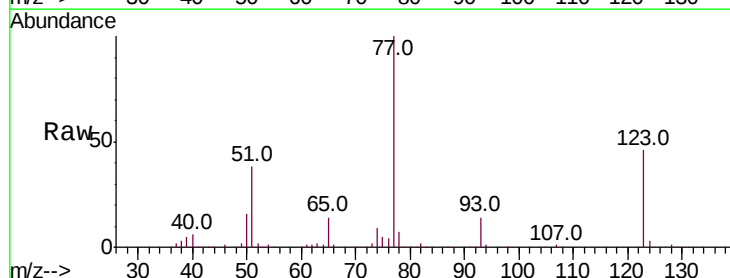


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

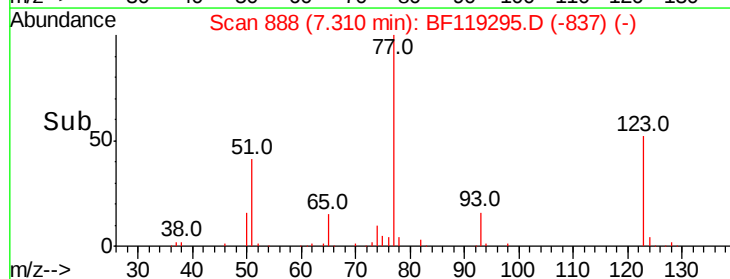
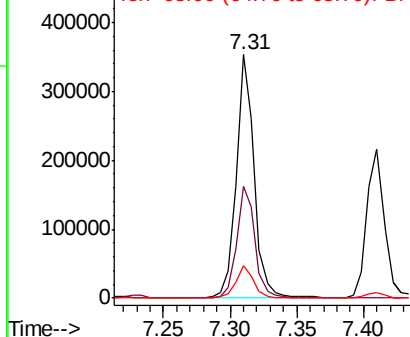


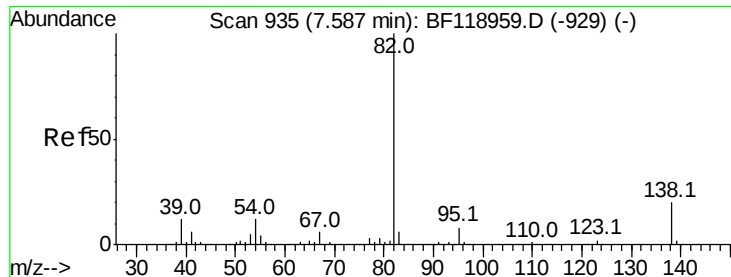
#24
 Nitrobenzene
 Concen: 46.942 ng
 RT: 7.31 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BF119295.D
 Acq: 9 Mar 2020 20:59

Tgt Ion	77	Resp	330053
Ion Ratio	Lower	Upper	
77	100		
123	46.0	40.2	60.2
65	13.5	10.8	16.2



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

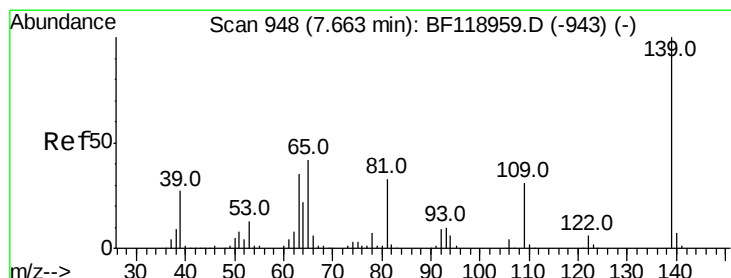
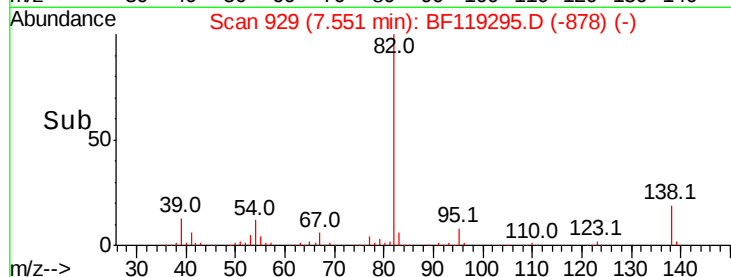
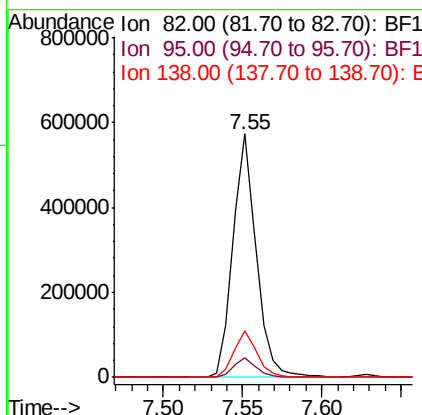
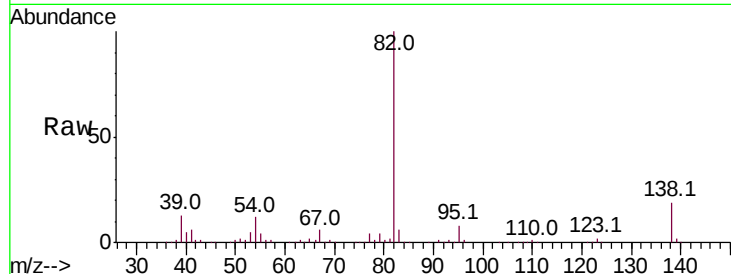




#25
Isophorone
Concen: 47.559 ng
RT: 7.55 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF119295.D
Acq: 9 Mar 2020 20:59

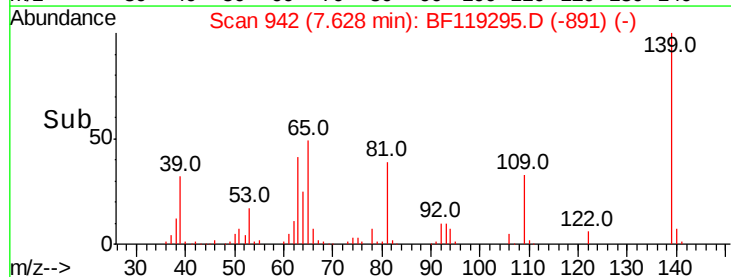
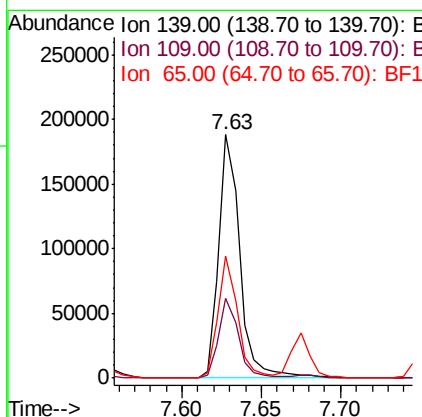
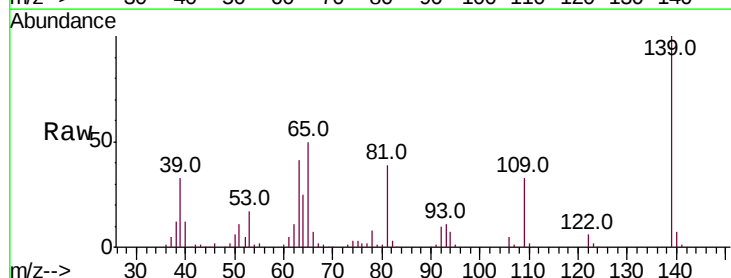
Instrument :
BNA_F
ClientSampleId :

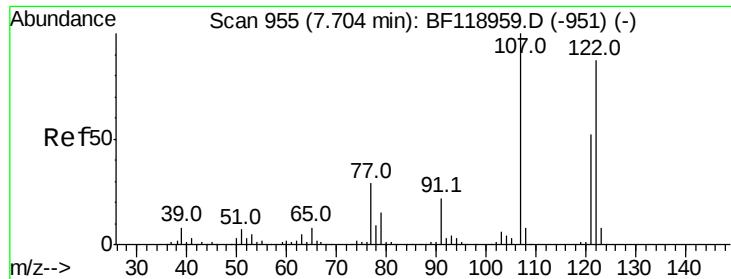
Tot Ion: 82 Resp: 587248
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 19.3 15.7 23.5



#26
2-Nitrophenol
Concen: 46.835 ng
RT: 7.63 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF119295.D
Acq: 9 Mar 2020 20:59

Tgt Ion: 139 Resp: 174476
Ion Ratio Lower Upper
139 100
109 32.9 25.7 38.5
65 50.4 37.1 55.7

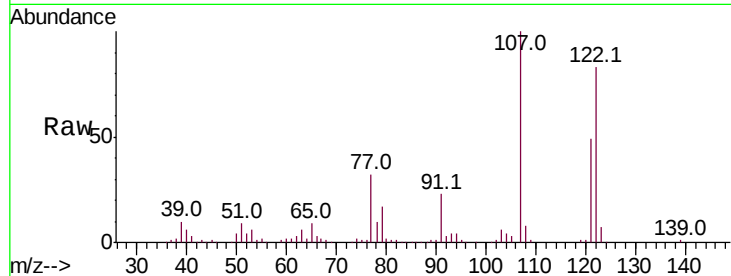




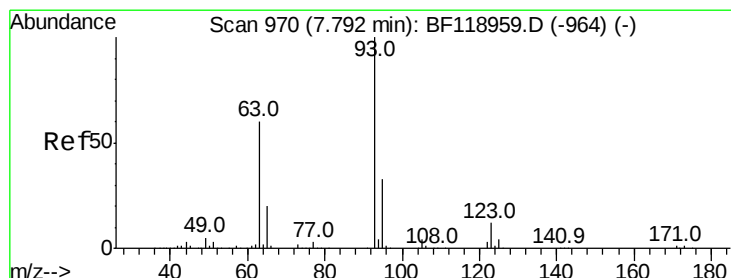
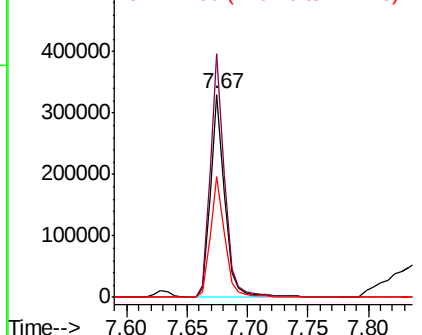
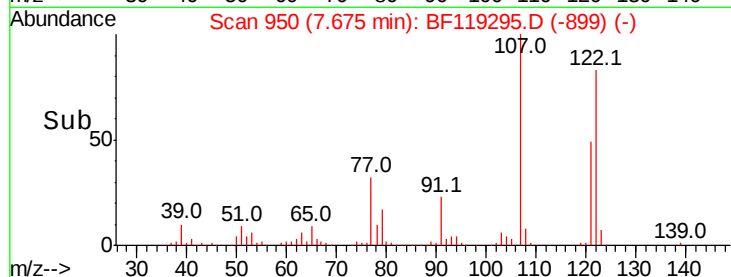
#27
 2,4-Dimethylphenol
 Concen: 53.250 ng
 RT: 7.67 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF119295.D
 Acq: 9 Mar 2020 20:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 269233
 Ion Ratio Lower Upper
 122 100
 107 120.0 93.8 140.6
 121 59.2 48.2 72.2

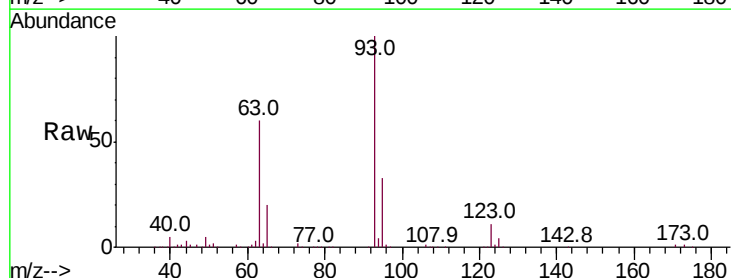


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

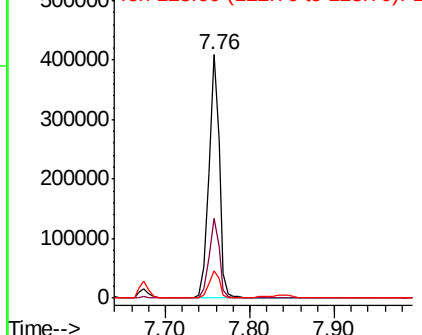
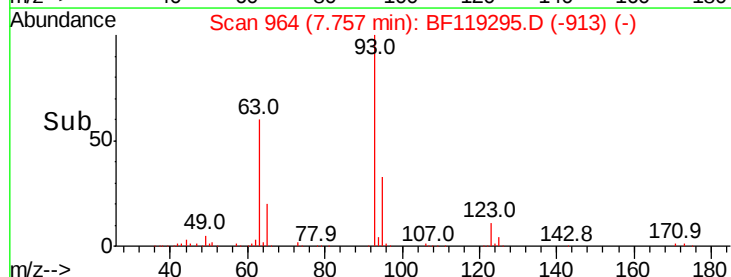


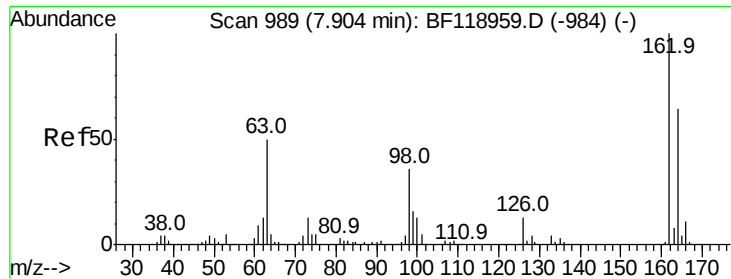
#28
 bis(2-Chloroethoxy)methane
 Concen: 44.424 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BF119295.D
 Acq: 9 Mar 2020 20:59

Tgt Ion: 93 Resp: 357045
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.5 39.7
 123 11.5 10.2 15.2



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

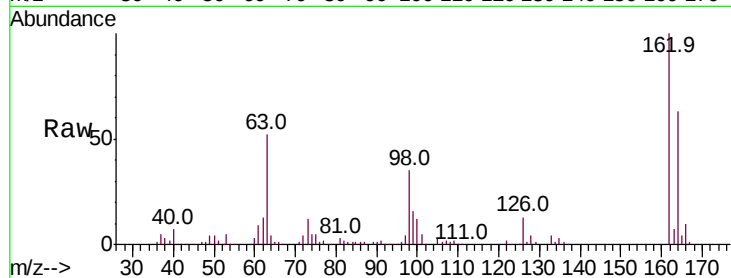




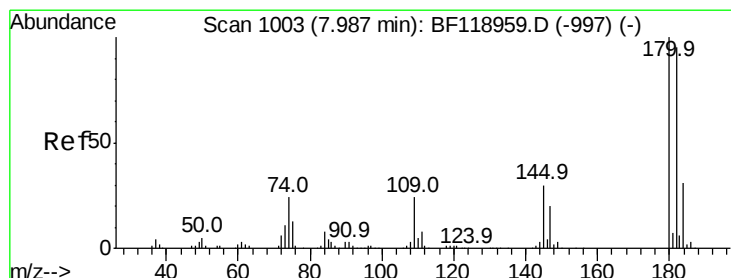
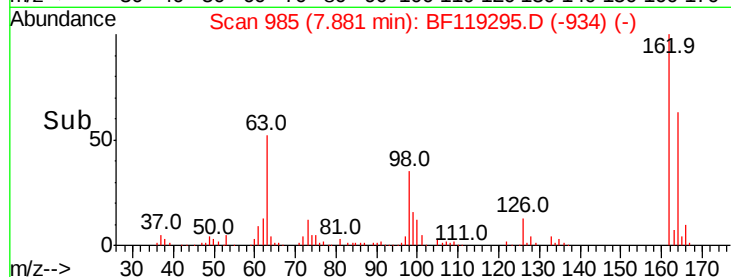
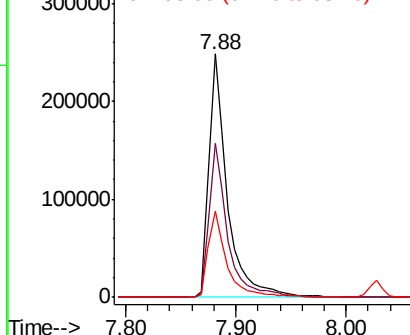
#29
2,4-Dichlorophenol
Concen: 46.912 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF119295.D
Acq: 9 Mar 2020 20:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 279228
Ion Ratio Lower Upper
162 100
164 63.2 45.2 85.2
98 35.4 17.4 57.4

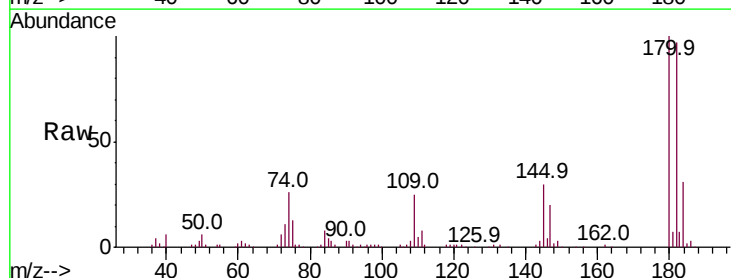


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

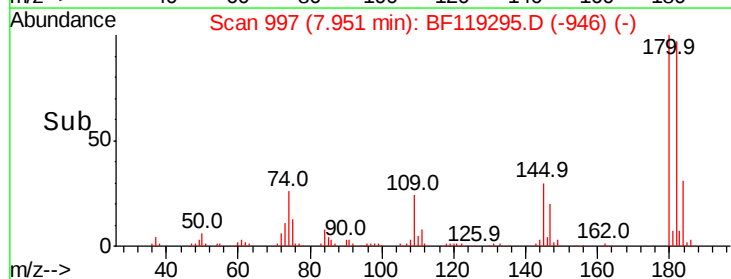
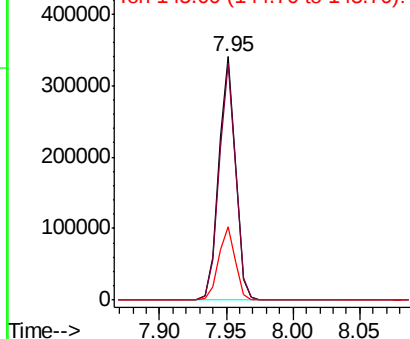


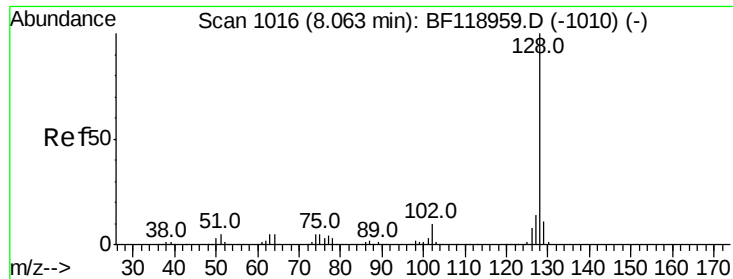
#30
1,2,4-Trichlorobenzene
Concen: 42.958 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF119295.D
Acq: 9 Mar 2020 20:59

Tgt Ion:180 Resp: 303154
Ion Ratio Lower Upper
180 100
182 97.3 77.8 116.6
145 30.2 25.2 37.8



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

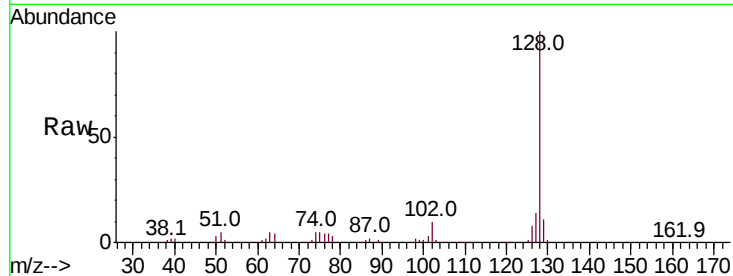




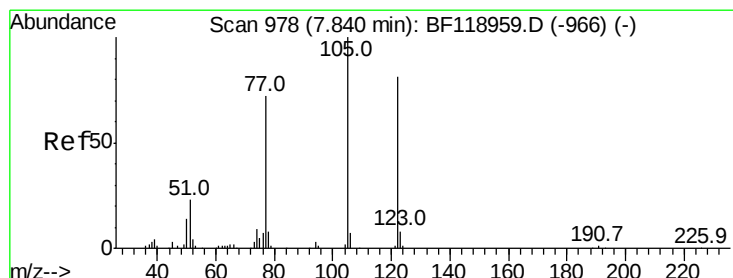
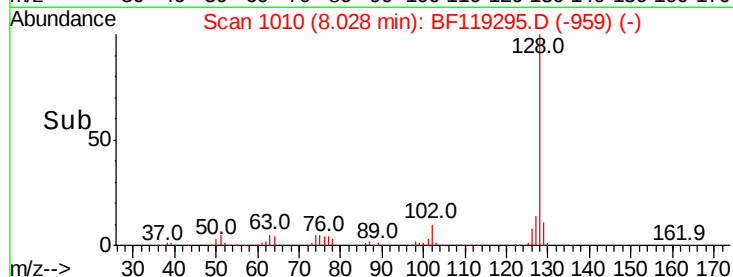
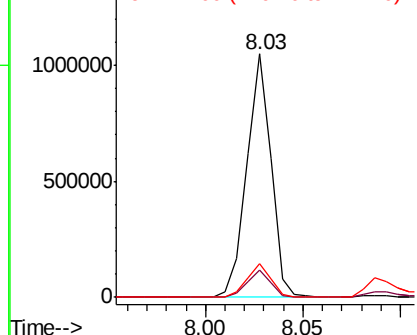
#31
Naphthalene
Concen: 46.496 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF119295.D
Acq: 9 Mar 2020 20:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 905242
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.8 11.4 17.2

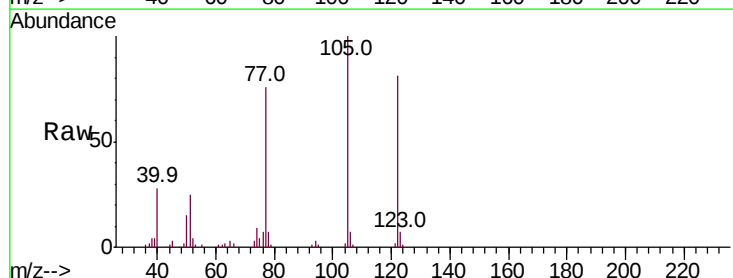


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

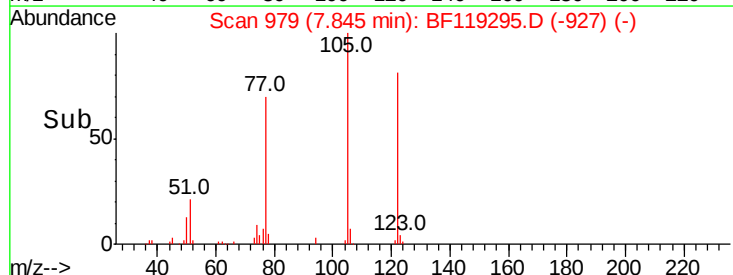
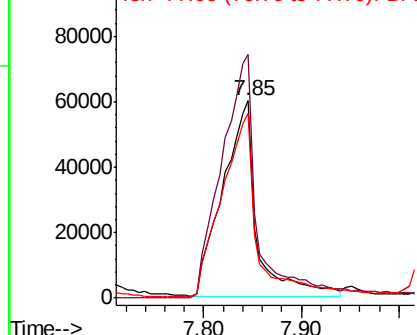


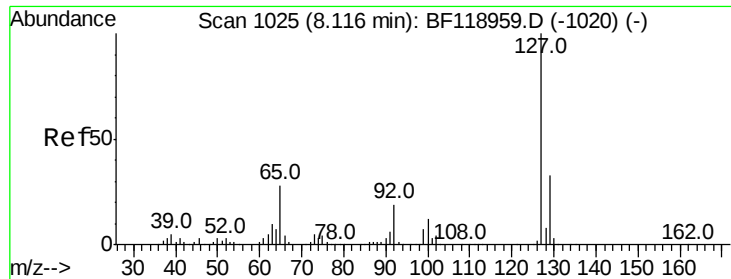
#32
Benzoic acid
Concen: 40.410 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF119295.D
Acq: 9 Mar 2020 20:59

Tgt Ion:122 Resp: 144554
Ion Ratio Lower Upper
122 100
105 123.4 106.3 146.3
77 93.7 73.1 113.1



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

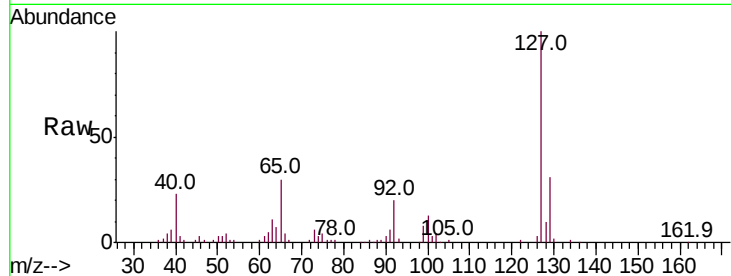




#33
4-Chloroaniline
Concen: 14.060 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF119295.D
Acq: 9 Mar 2020 20:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	117732
Ion	Ratio	Lower	Upper
127	100		
129	30.7	25.9	38.9
65	30.4	23.9	35.9
92	20.3	16.3	24.5



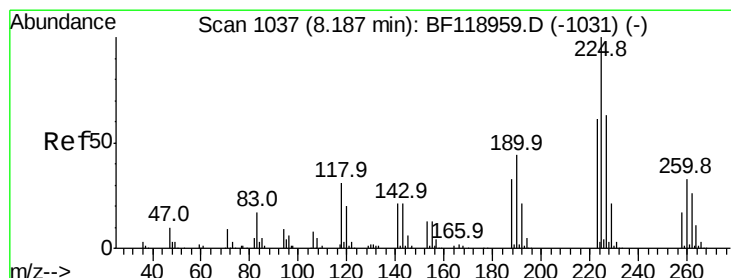
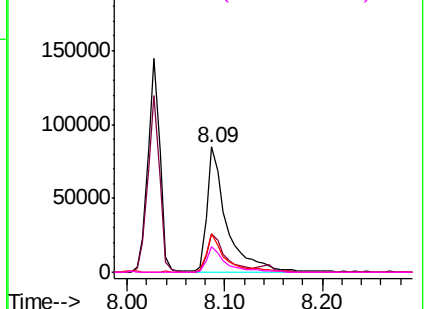
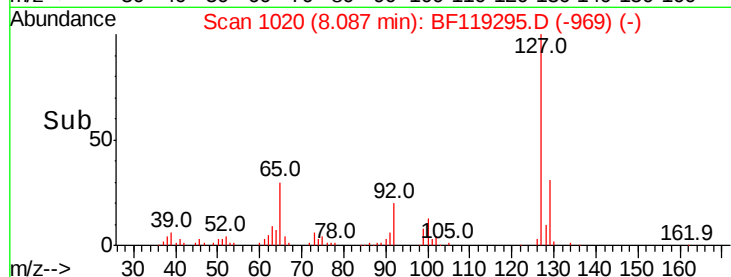
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

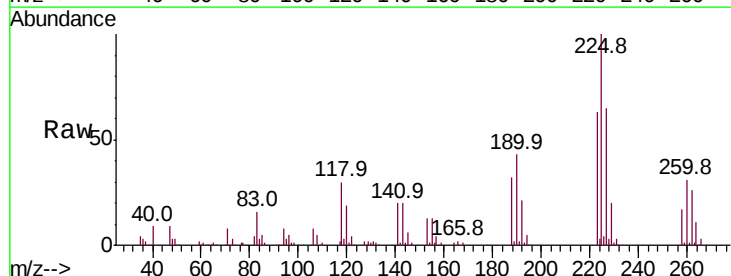
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 42.712 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF119295.D
Acq: 9 Mar 2020 20:59

Tgt Ion:	225	Resp:	187756
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.4	74.2
227	64.9	52.9	79.3

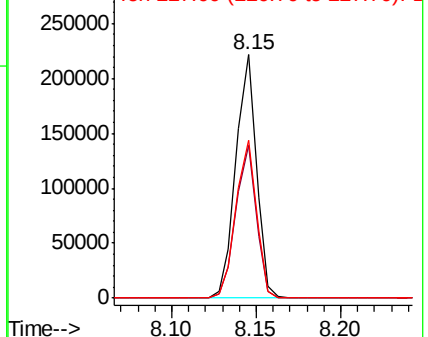
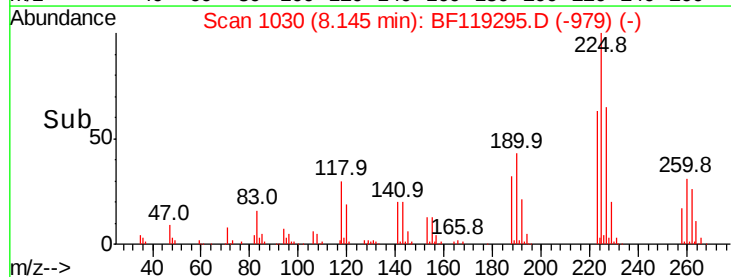


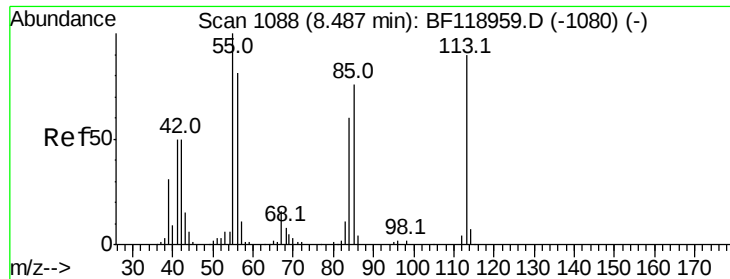
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

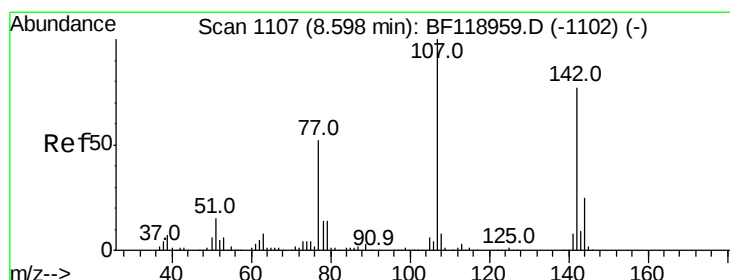
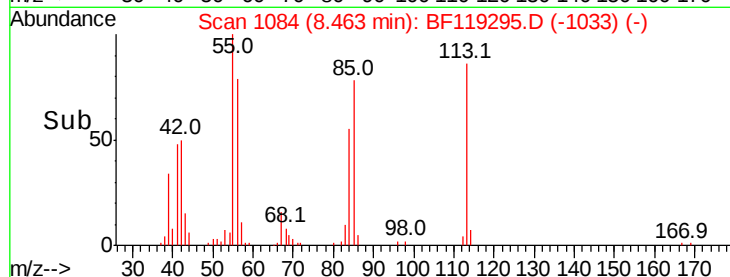
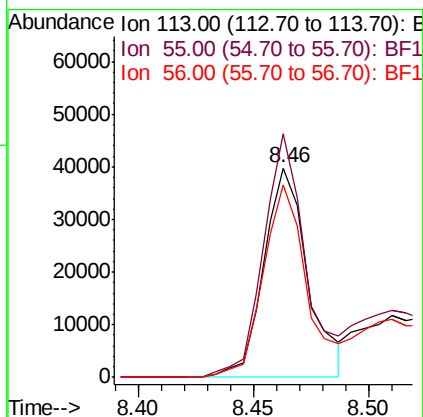
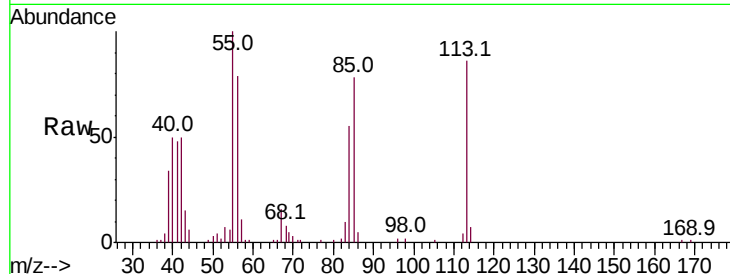




#35
 Caprolactam
 Concen: 28.642 ng
 RT: 8.46 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF119295.D
 Acq: 9 Mar 2020 20:59

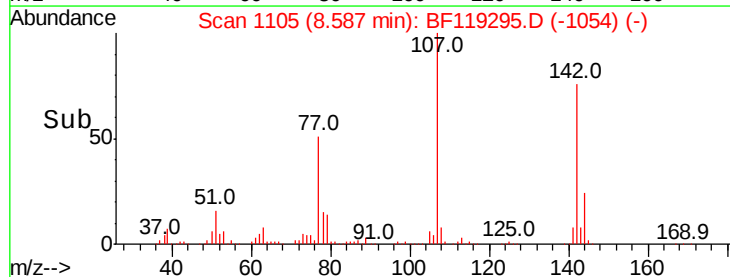
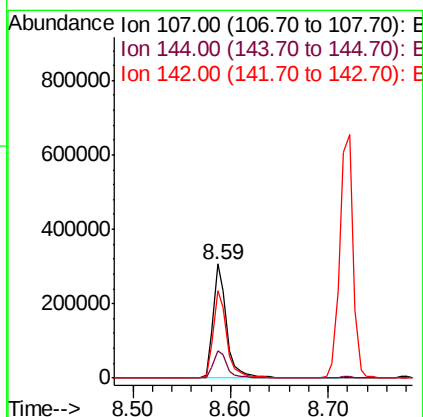
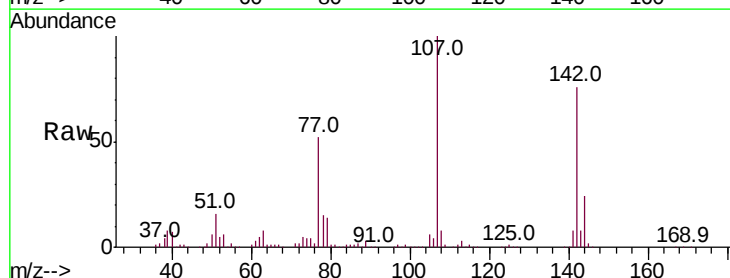
Instrument :
 BNA_F
 ClientSampleId :

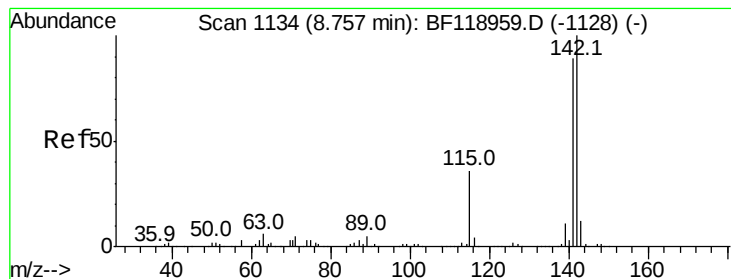
Tot Ion:113 Resp: 52493
 Ion Ratio Lower Upper
 113 100
 55 116.2 95.7 135.7
 56 91.5 73.1 113.1



#36
 4-Chloro-3-methylphenol
 Concen: 49.233 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF119295.D
 Acq: 9 Mar 2020 20:59

Tgt Ion:107 Resp: 296573
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.1 30.1
 142 76.1 61.4 92.2

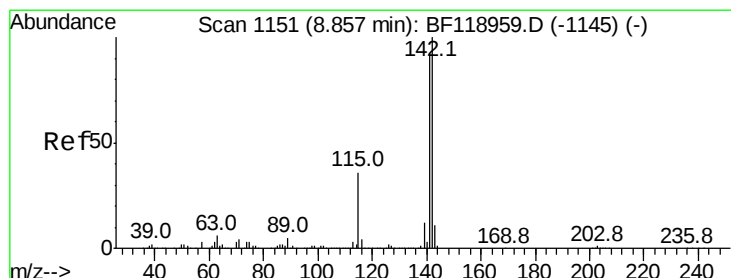
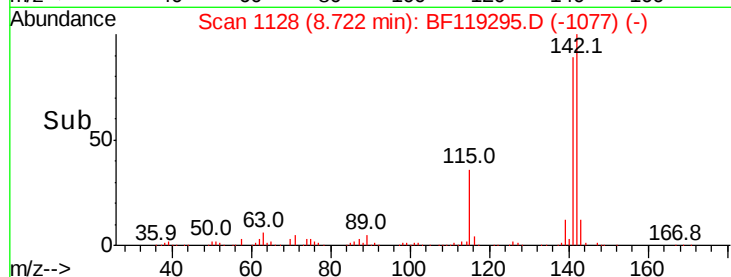
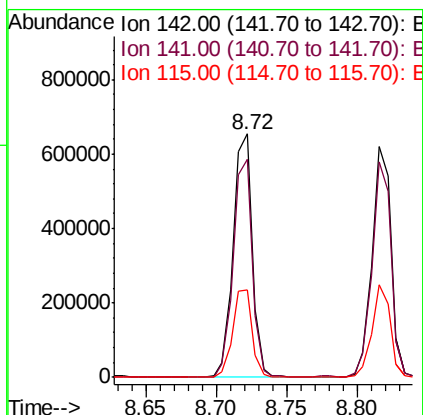
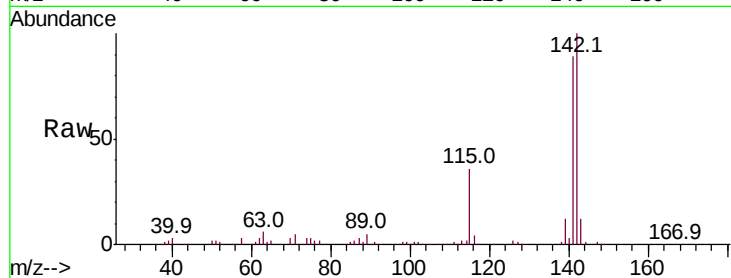




#37
 2-Methylnaphthalene
 Concen: 47.265 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: BF119295.D
 Acq: 9 Mar 2020 20:59

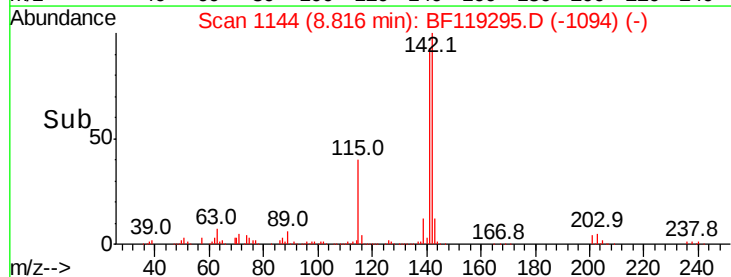
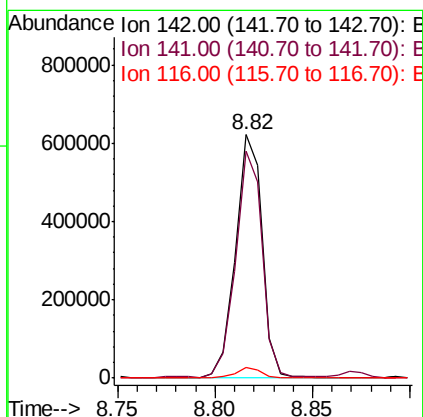
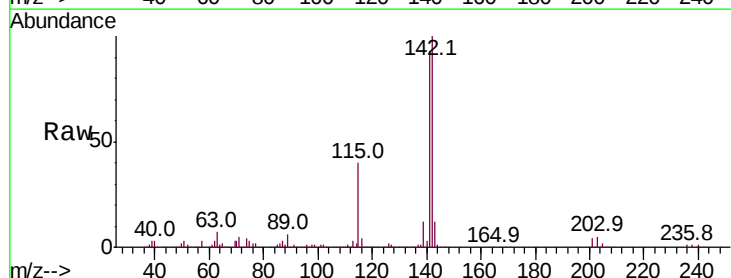
Instrument :
 BNA_F
 ClientSampleId :

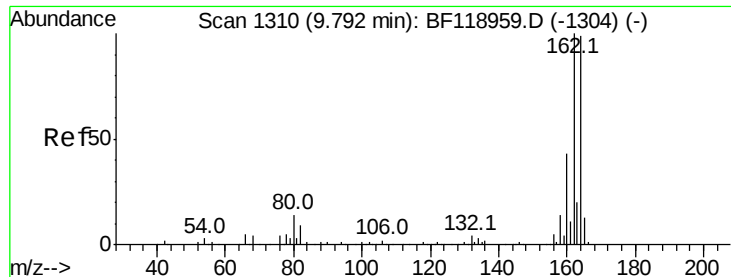
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.3	108.5
115	36.0	30.6	45.8



#38
 1-Methylnaphthalene
 Concen: 47.366 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF119295.D
 Acq: 9 Mar 2020 20:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	75.8	113.6
116	4.1	3.1	4.7

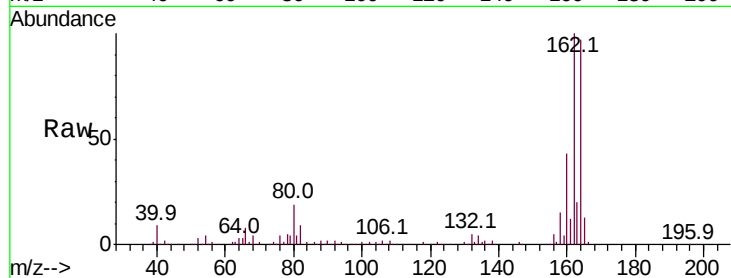




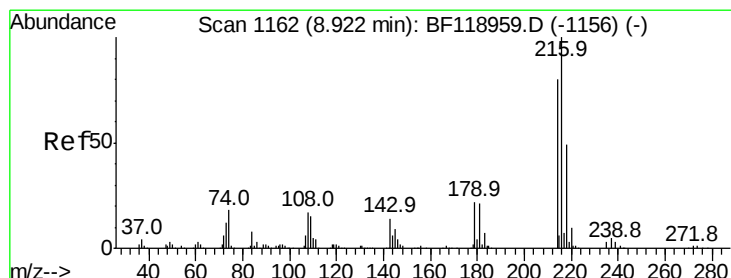
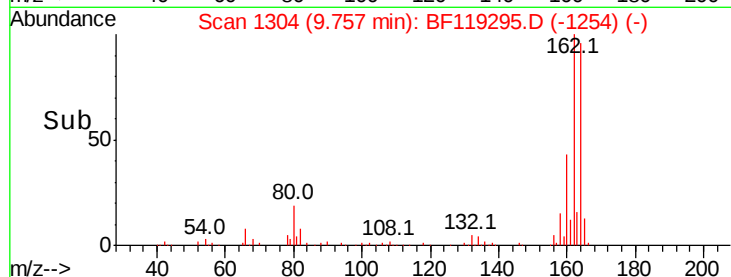
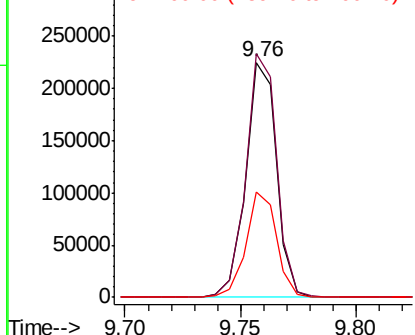
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF119295.D
 Acq: 9 Mar 2020 20:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 209972
 Ion Ratio Lower Upper
 164 100
 162 103.5 81.8 122.8
 160 45.0 36.0 54.0

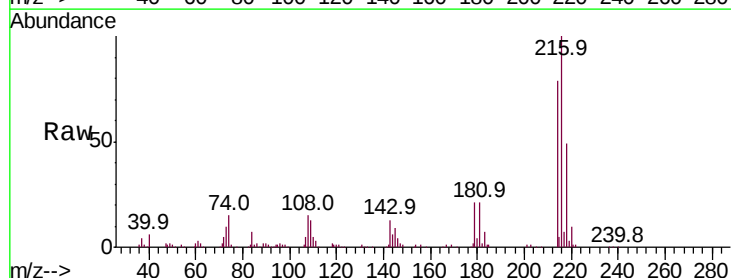


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

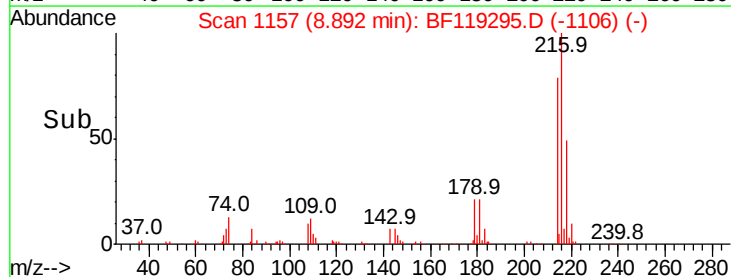
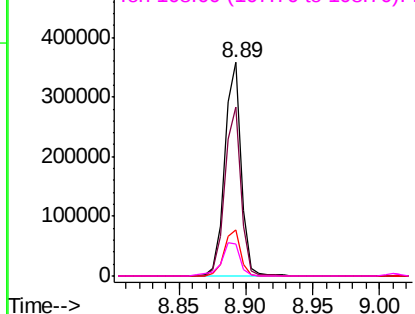


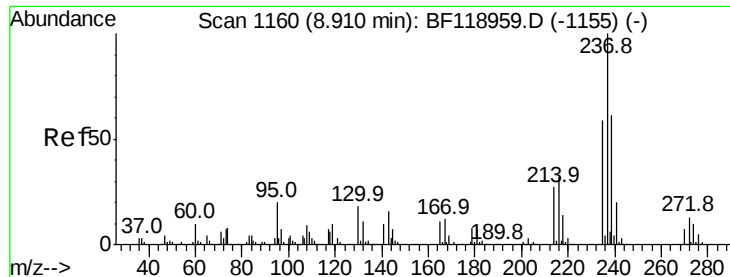
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.943 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF119295.D
 Acq: 9 Mar 2020 20:59

Tgt Ion:216 Resp: 311090
 Ion Ratio Lower Upper
 216 100
 214 78.6 63.3 94.9
 179 21.7 17.7 26.5
 108 17.9 13.9 20.9



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: 48.512 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF119295.D

Acq: 9 Mar 2020 20:59

Instrument :

BNA_F

ClientSampleId :

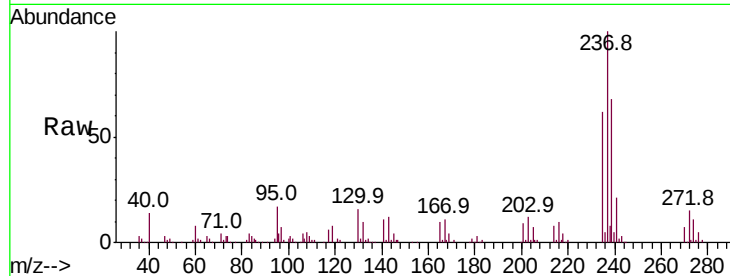
Tot Ion:237 Resp: 114215

Ion Ratio Lower Upper

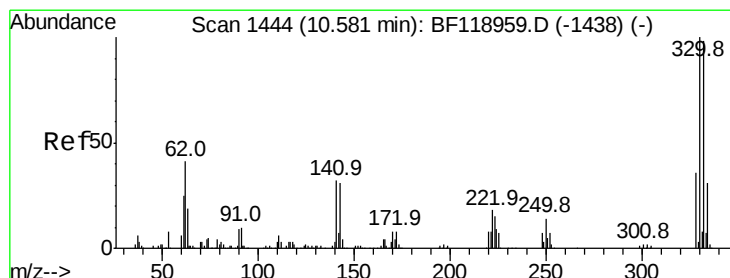
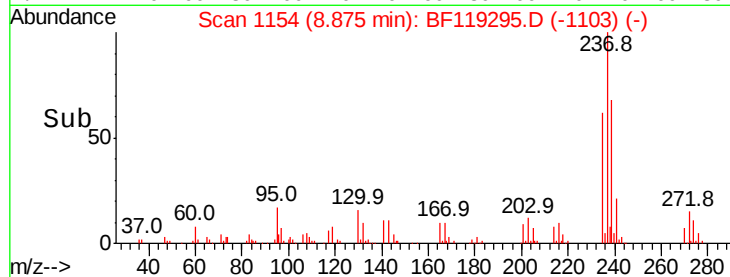
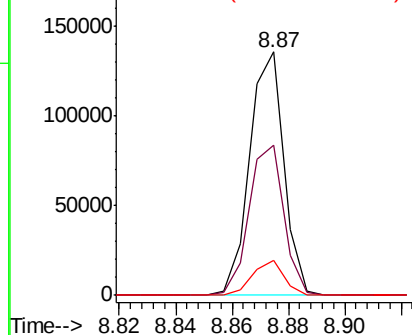
237 100

235 61.6 42.3 82.3

272 14.6 0.0 33.5



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: 115.478 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF119295.D

Acq: 9 Mar 2020 20:59

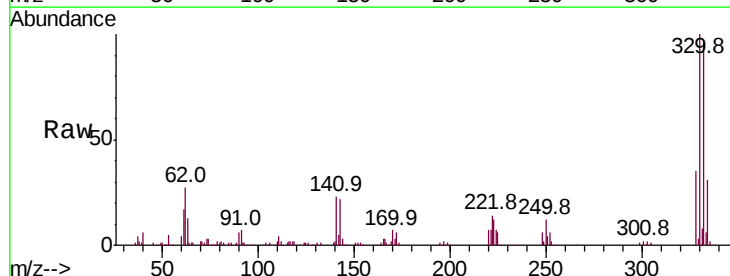
Tgt Ion:330 Resp: 317194

Ion Ratio Lower Upper

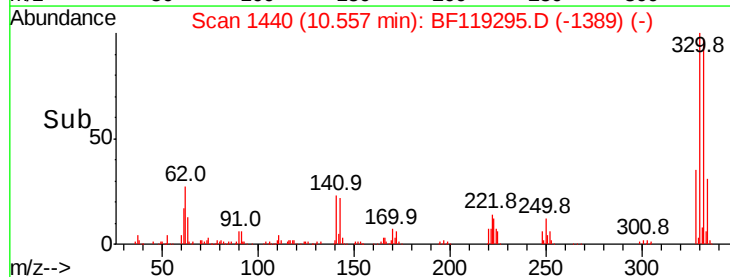
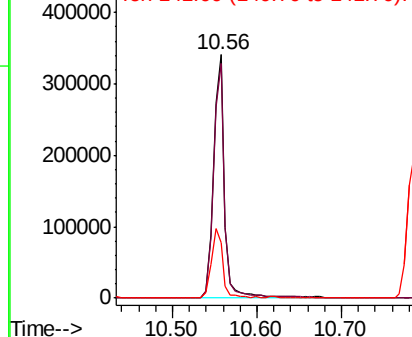
330 100

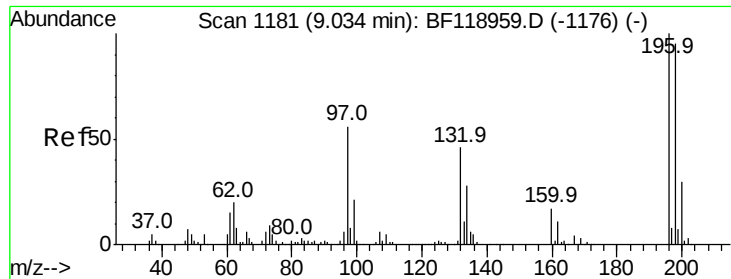
332 96.3 76.0 114.0

141 29.5 22.9 34.3



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

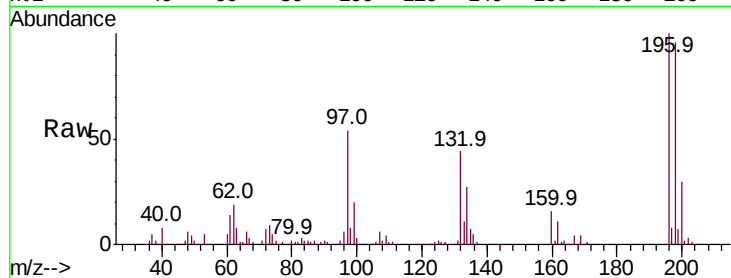




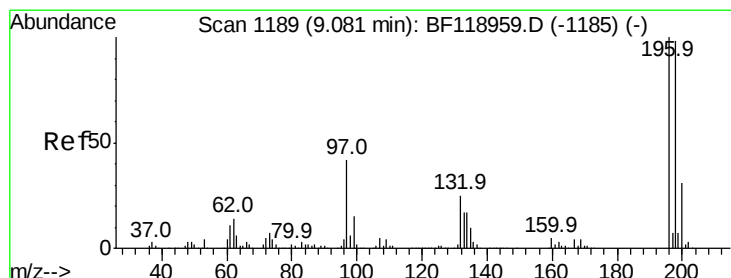
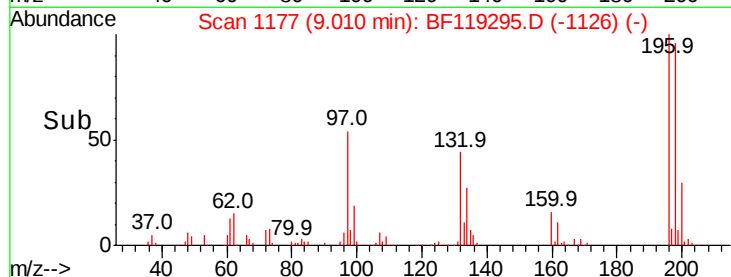
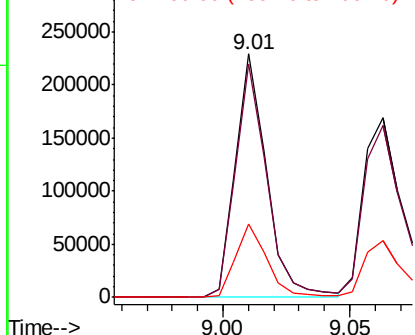
#43
 2,4,6-Trichlorophenol
 Concen: 43.767 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF119295.D
 Acq: 9 Mar 2020 20:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 195663
 Ion Ratio Lower Upper
 196 100
 198 95.8 77.1 115.7
 200 30.2 25.0 37.6

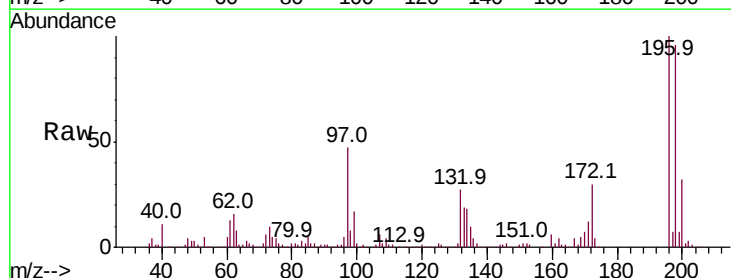


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

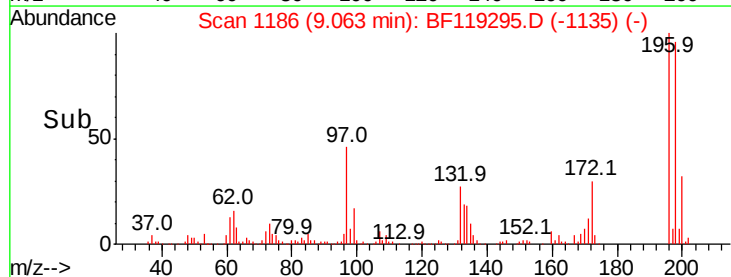
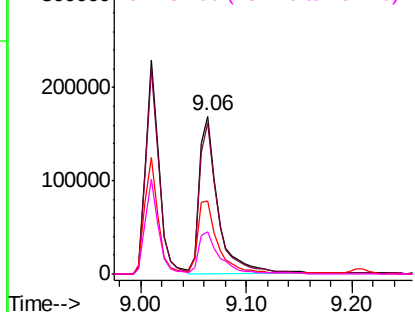


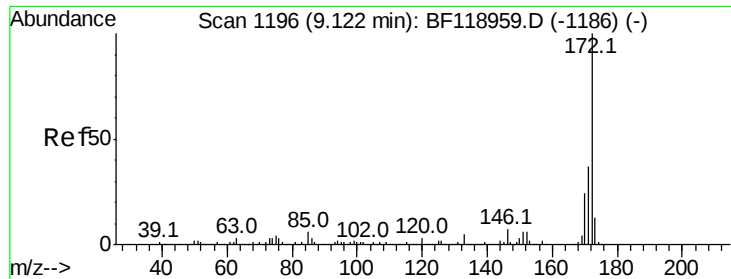
#44
 2,4,5-Trichlorophenol
 Concen: 43.746 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF119295.D
 Acq: 9 Mar 2020 20:59

Tgt Ion:196 Resp: 205222
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.8 115.2
 97 46.6 38.5 57.7
 132 27.0 22.2 33.4



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

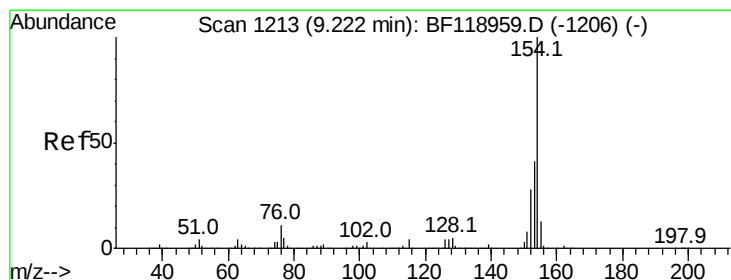
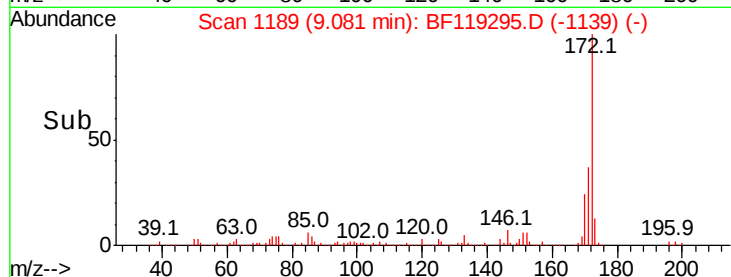
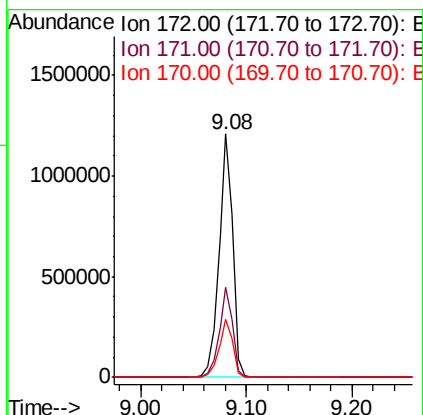
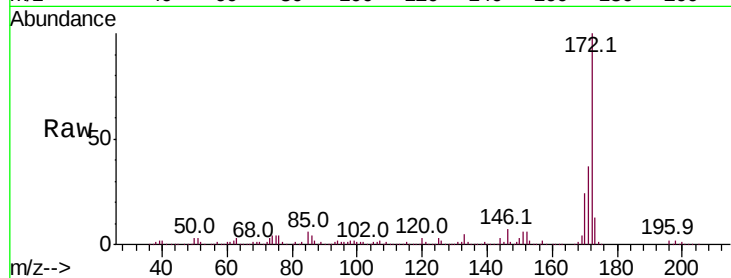




#45
2-Fluorobiphenyl
Concen: 77.333 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF119295.D
Acq: 9 Mar 2020 20:59

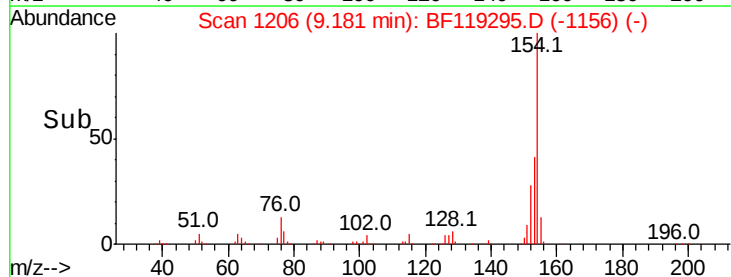
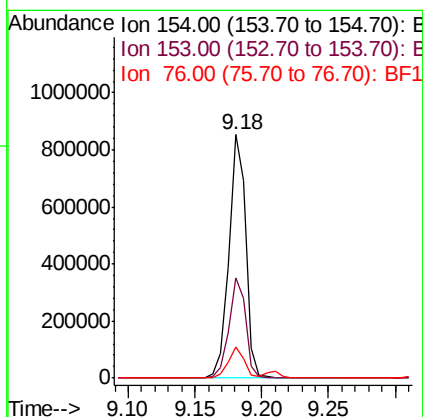
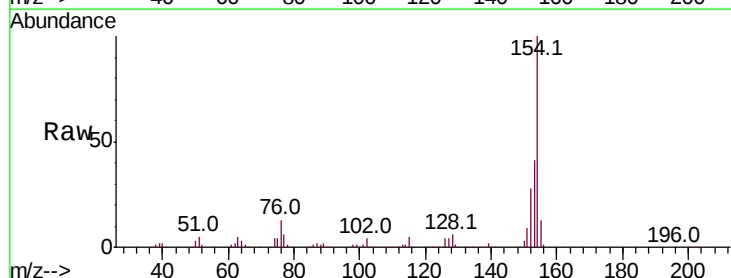
Instrument :
BNA_F
ClientSampleId :

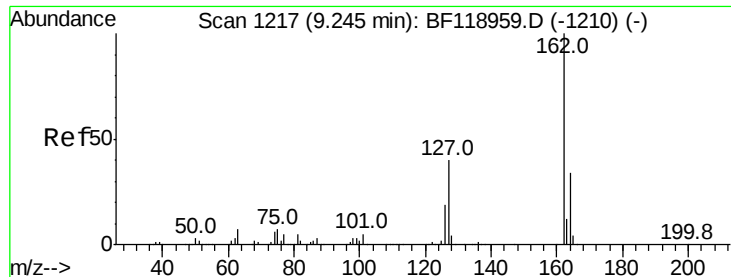
Tot Ion:172 Resp: 1102230
Ion Ratio Lower Upper
172 100
171 37.2 30.6 45.8
170 24.0 20.2 30.2



#46
1,1'-Biphenyl
Concen: 44.987 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF119295.D
Acq: 9 Mar 2020 20:59

Tgt Ion:154 Resp: 763425
Ion Ratio Lower Upper
154 100
153 41.4 22.8 62.8
76 12.6 0.0 32.2





#47

2-Chloronaphthalene

Concen: 44.296 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.00 min

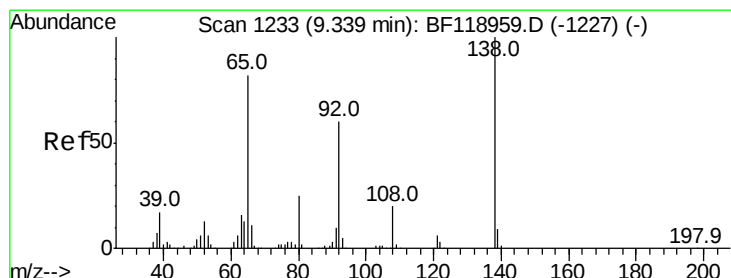
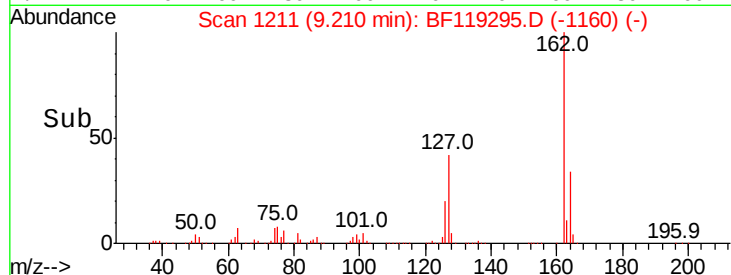
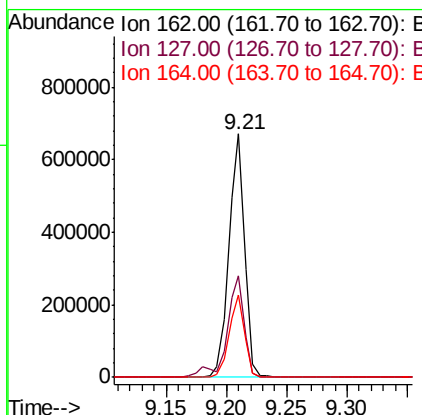
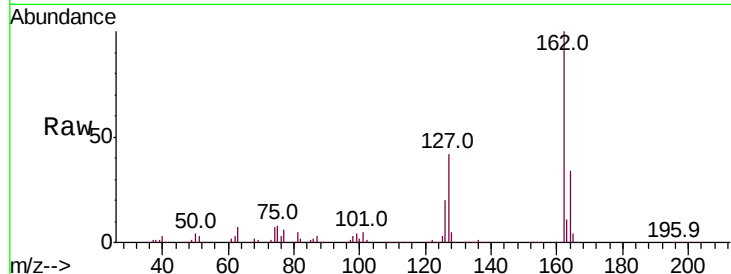
Lab File: BF119295.D

Acq: 9 Mar 2020 20:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 605764

Ion	Ratio	Lower	Upper
162	100		
127	41.7	35.0	52.4
164	33.6	27.2	40.8



#48

2-Nitroaniline

Concen: 46.898 ng

RT: 9.32 min Scan# 1229

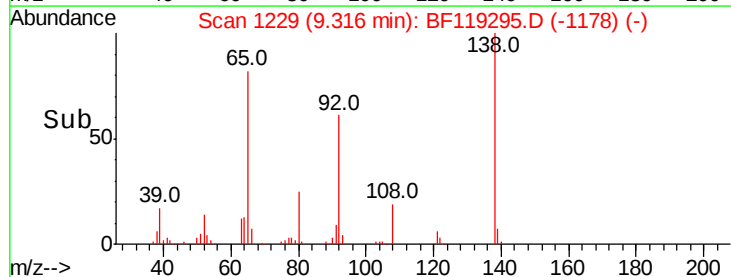
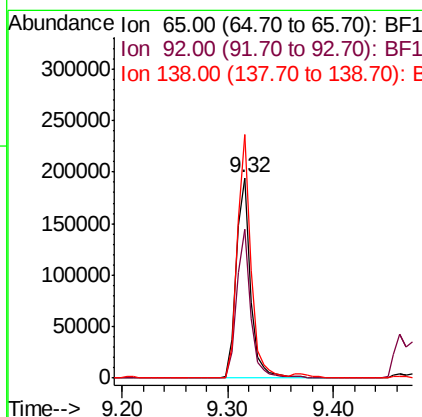
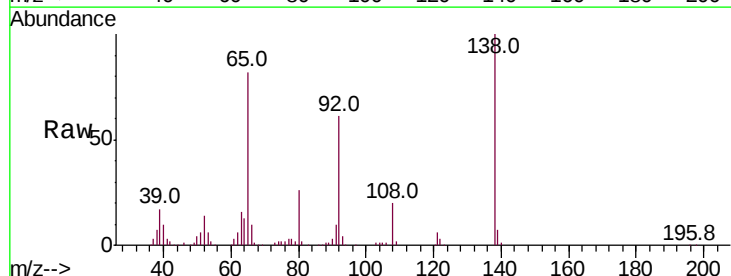
Delta R.T. 0.00 min

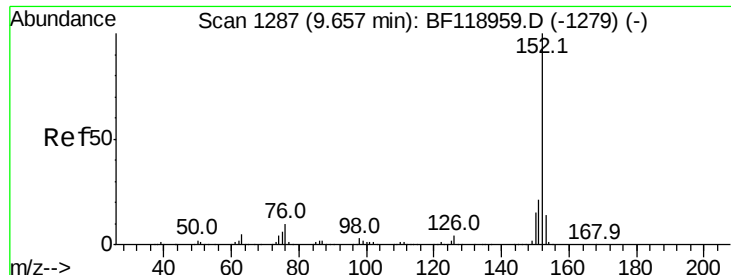
Lab File: BF119295.D

Acq: 9 Mar 2020 20:59

Tgt Ion: 65 Resp: 178881

Ion	Ratio	Lower	Upper
65	100		
92	74.3	58.2	87.2
138	121.7	95.6	143.4





#49

Acenaphthylene

Concen: 47.057 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF119295.D

Acq: 9 Mar 2020 20:59

Instrument :

BNA_F

ClientSampled :

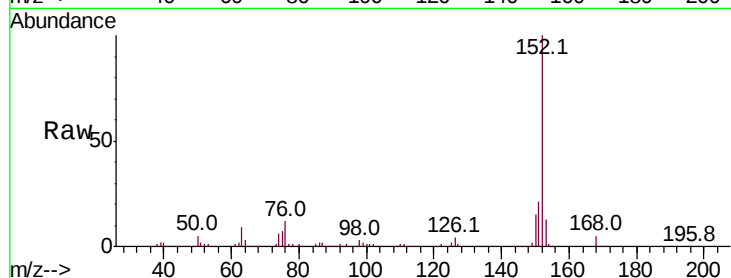
Tot Ion:152 Resp: 929438

Ion Ratio Lower Upper

152 100

151 20.9 16.9 25.3

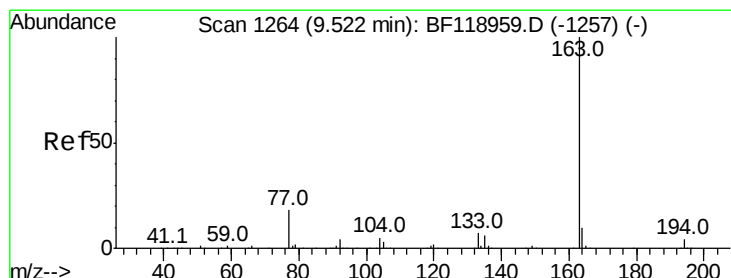
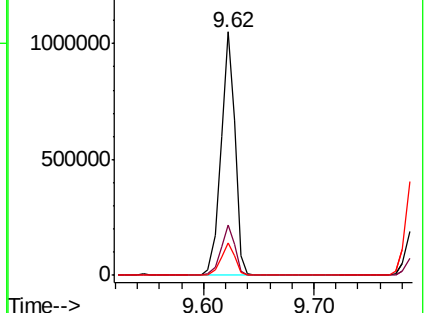
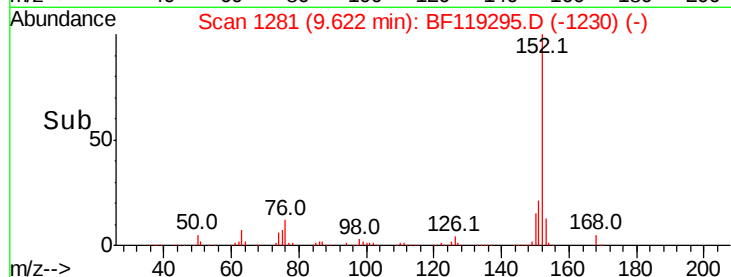
153 13.4 11.0 16.6



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: 51.058 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF119295.D

Acq: 9 Mar 2020 20:59

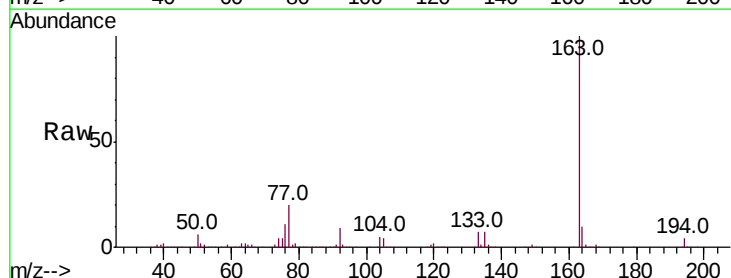
Tgt Ion:163 Resp: 819788

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

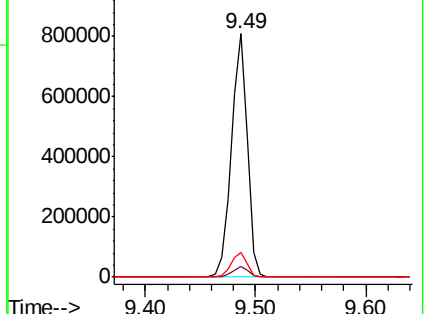
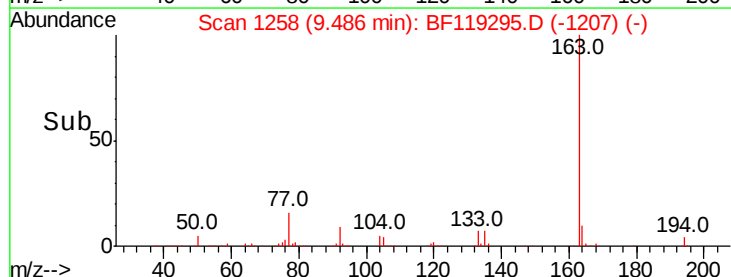
164 10.2 8.4 12.6

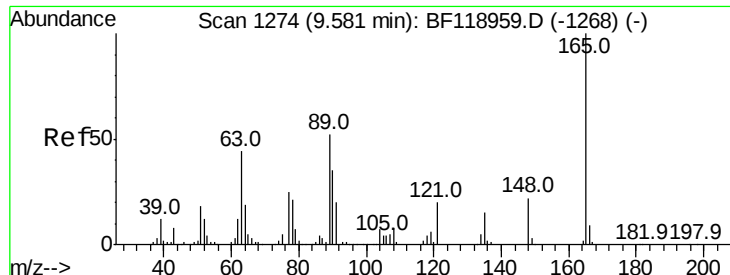


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

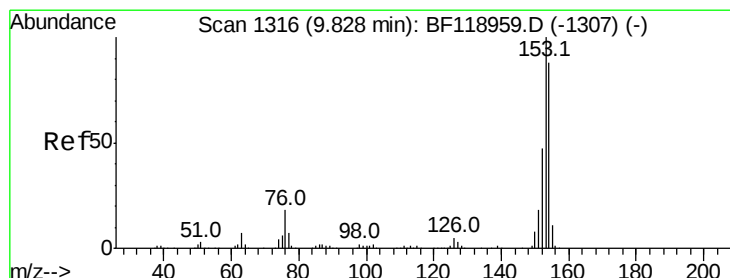
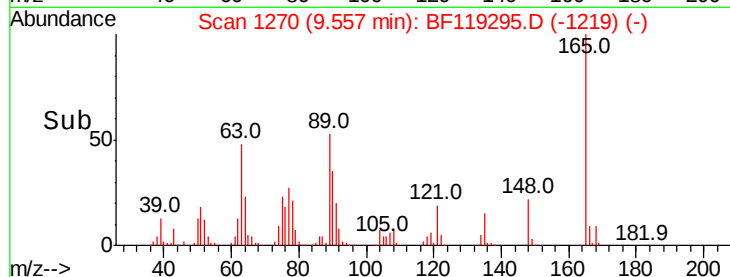
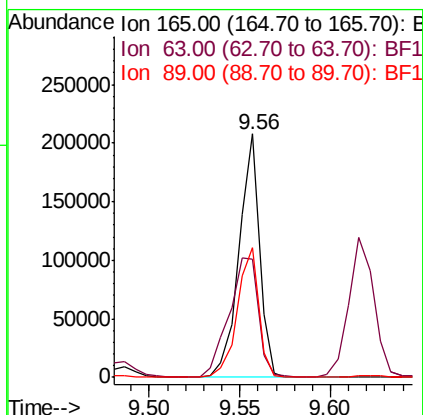
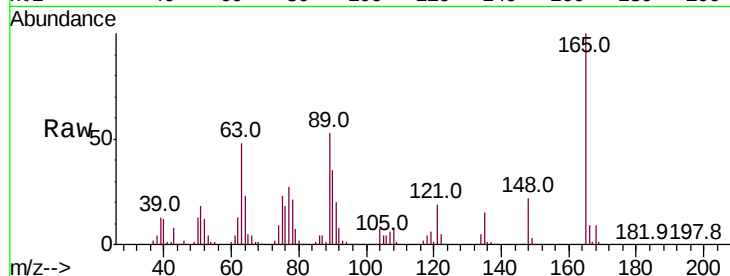




#51
 2,6-Dinitrotoluene
 Concen: 46.147 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF119295.D
 Acq: 9 Mar 2020 20:59

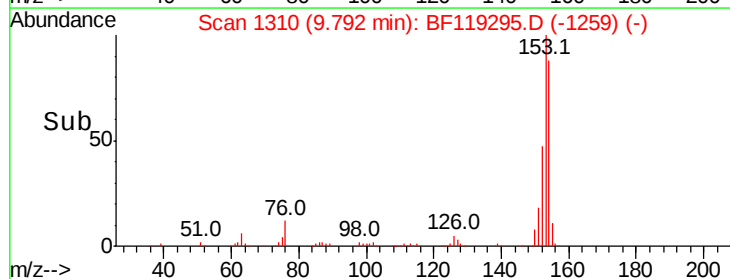
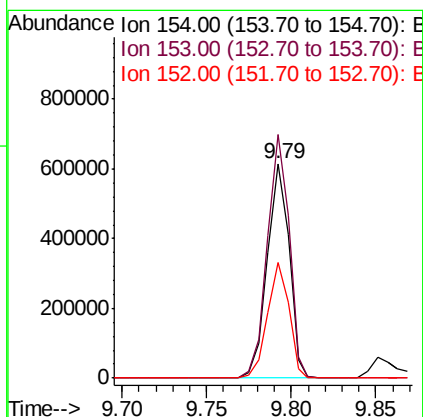
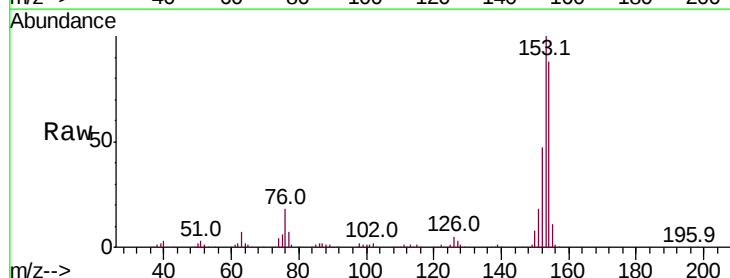
Instrument :
 BNA_F
 ClientSampled :

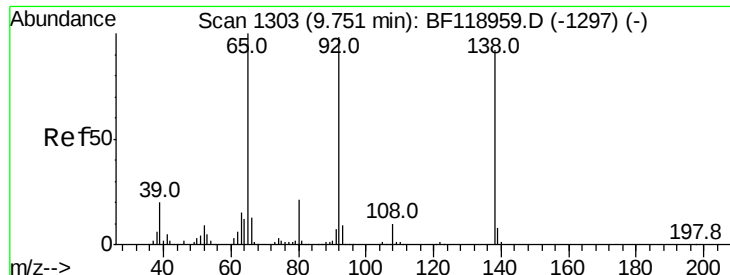
Tot Ion	Ratio	Lower	Upper
165	100		
63	48.5	34.3	51.5
89	53.3	38.3	57.5



#52
 Acenaphthene
 Concen: 46.511 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BF119295.D
 Acq: 9 Mar 2020 20:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.3	135.5
152	53.7	43.8	65.8

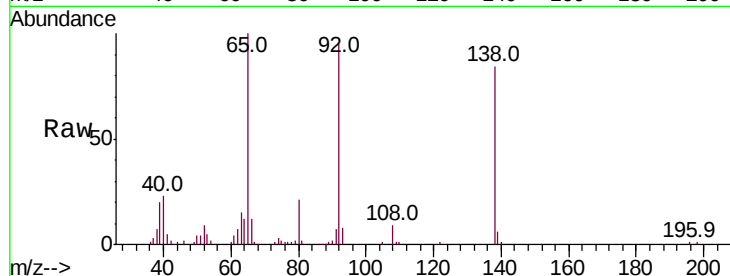




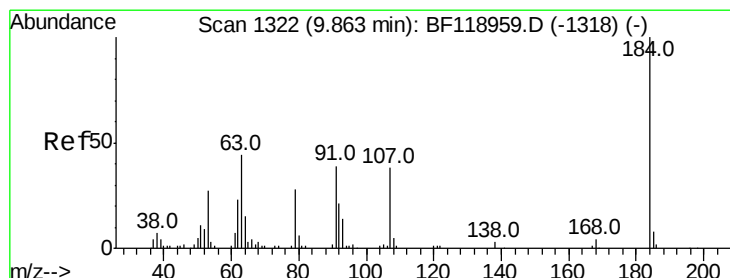
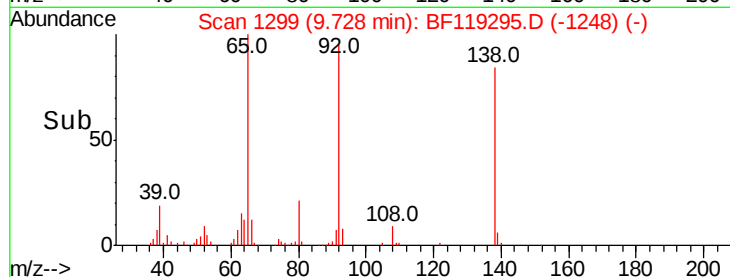
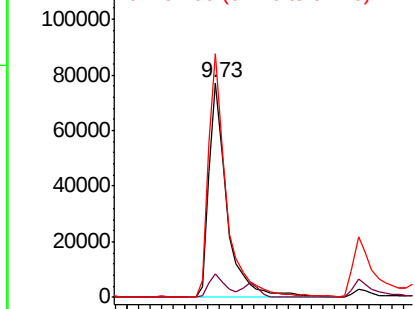
#53
3-Nitroaniline
Concen: 21.085 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF119295.D
Acq: 9 Mar 2020 20:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 83385
Ion Ratio Lower Upper
138 100
108 10.9 8.8 13.2
92 113.4 84.8 127.2

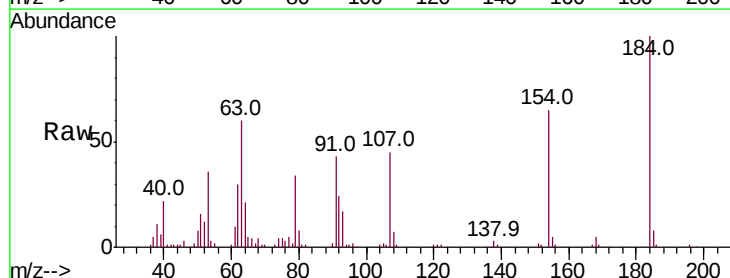


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

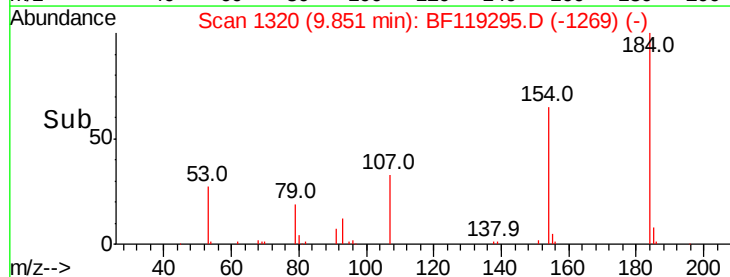
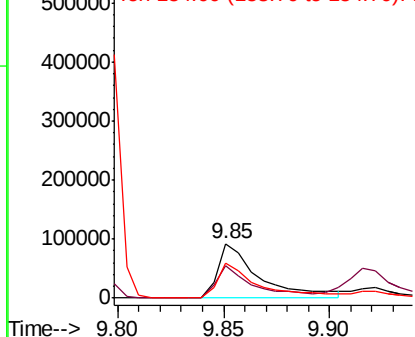


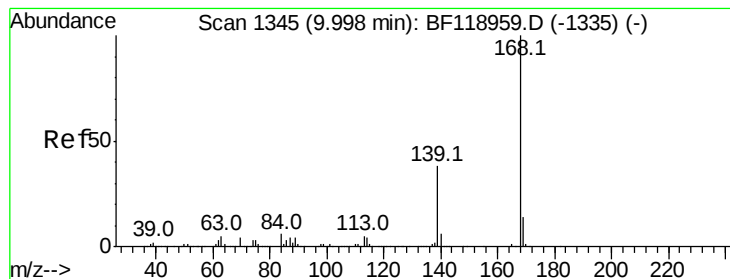
#54
2,4-Dinitrophenol
Concen: 72.680 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF119295.D
Acq: 9 Mar 2020 20:59

Tgt Ion:184 Resp: 124701
Ion Ratio Lower Upper
184 100
63 59.8 38.7 58.1#
154 65.2 49.7 74.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 46.478 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF119295.D

Acq: 9 Mar 2020 20:59

Instrument :

BNA_F

ClientSampled :

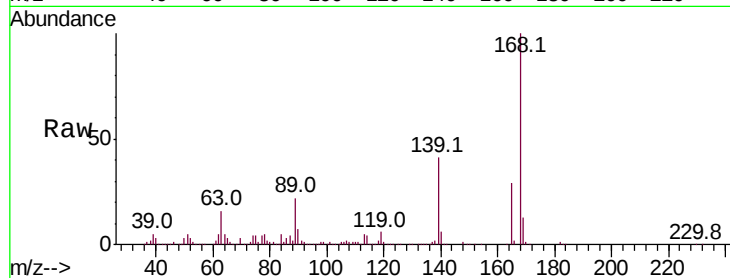
Tot Ion:168 Resp: 826200

Ion Ratio Lower Upper

168 100

139 41.1 34.0 51.0

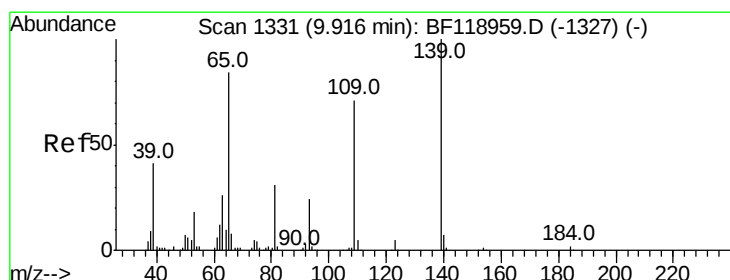
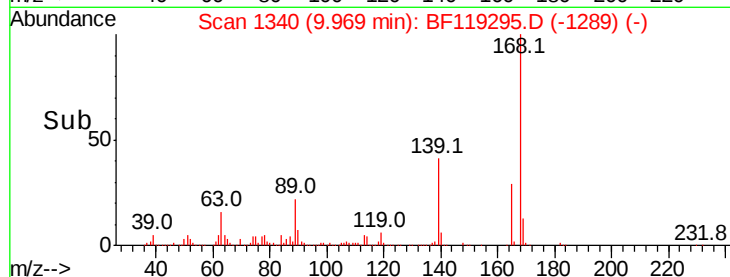
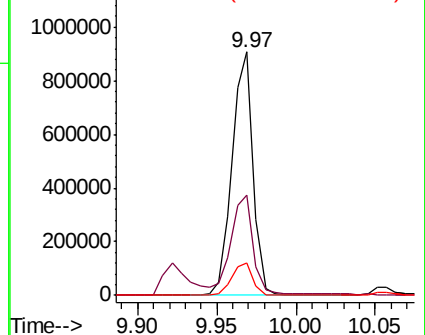
169 13.5 11.0 16.4



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: 58.731 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.01 min

Lab File: BF119295.D

Acq: 9 Mar 2020 20:59

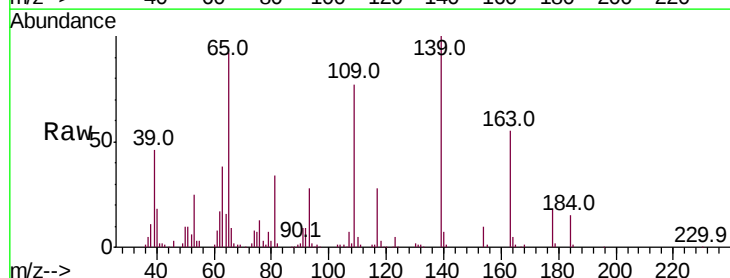
Tgt Ion:139 Resp: 139548

Ion Ratio Lower Upper

139 100

109 77.0 56.7 96.7

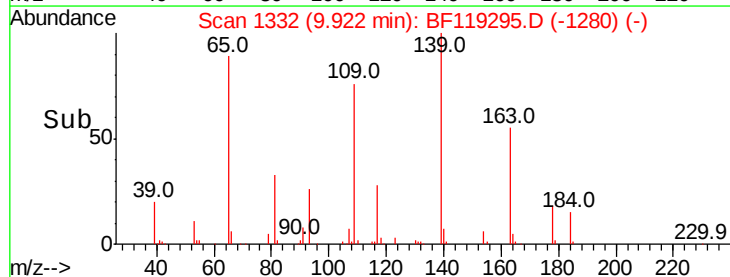
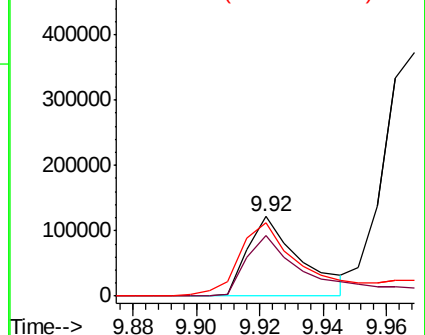
65 92.3 65.0 105.0

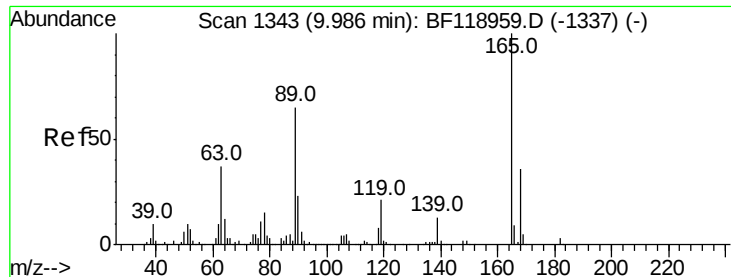


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

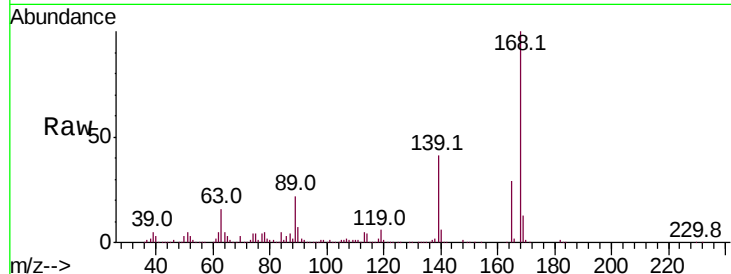




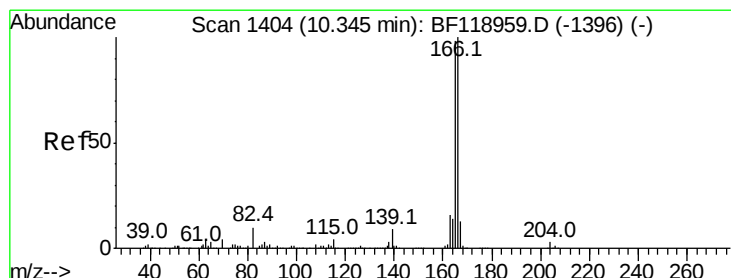
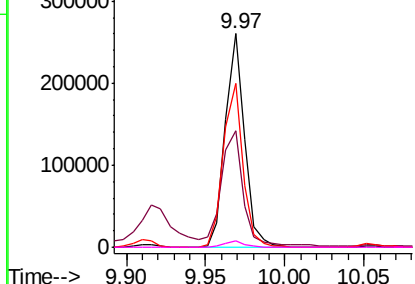
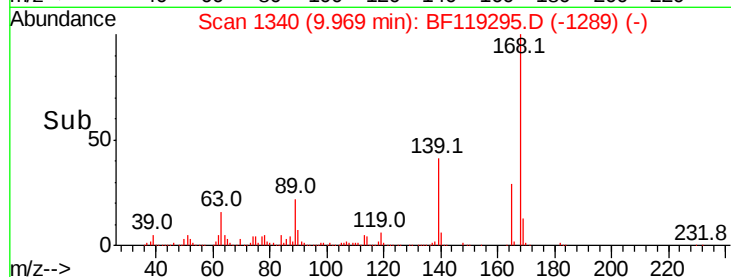
#57
2,4-Dinitrotoluene
Concen: 47.348 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119295.D
Acq: 9 Mar 2020 20:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	218926
Ion Ratio	Lower	Upper
165 100		
63 54.6	42.3	63.5
89 76.7	60.2	90.4
182 2.9	2.3	3.5

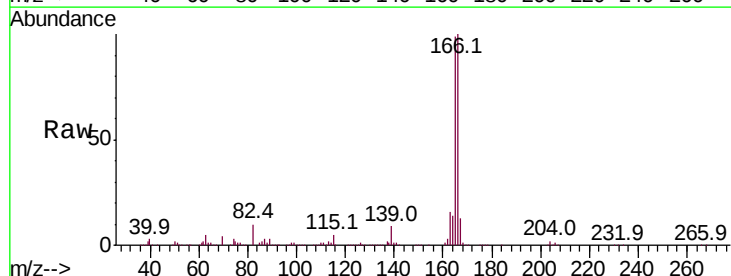


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

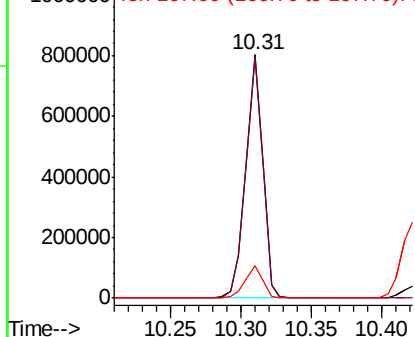
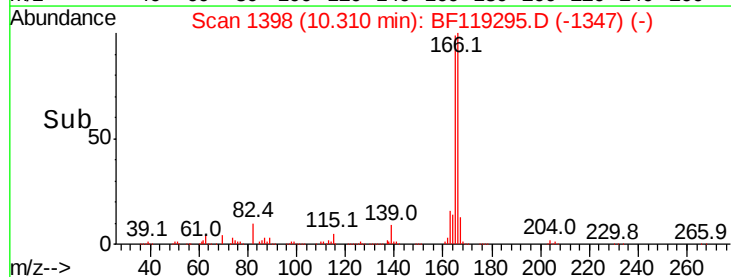


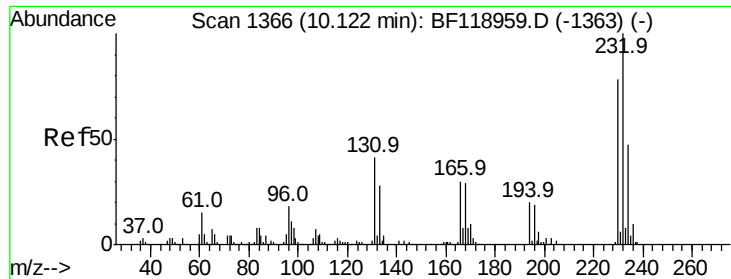
#58
Fluorene
Concen: 48.987 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF119295.D
Acq: 9 Mar 2020 20:59

Tgt Ion:166	Resp:	676660
Ion Ratio	Lower	Upper
166 100		
165 99.2	78.5	117.7
167 13.5	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

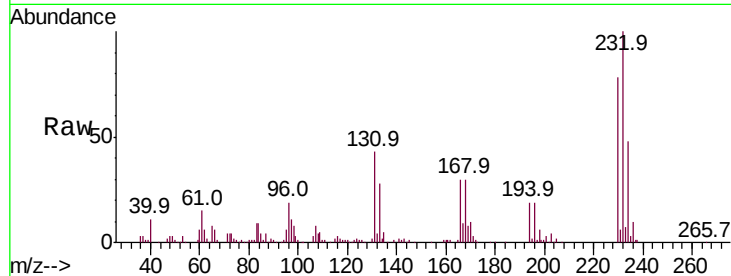




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.254 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF119295.D
Acq: 9 Mar 2020 20:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.8	33.8	50.8
130	2.3	1.8	2.6
166	28.0	23.0	34.4



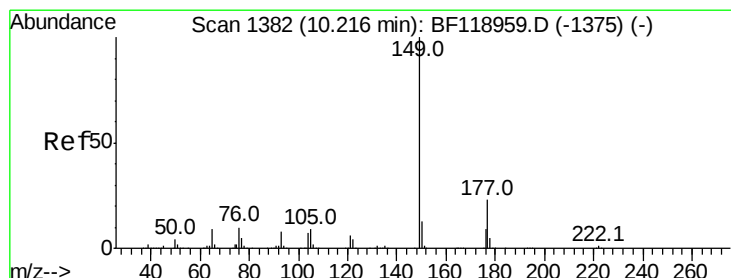
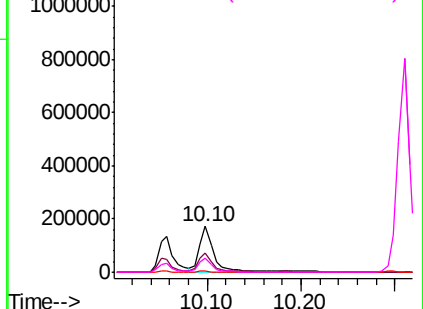
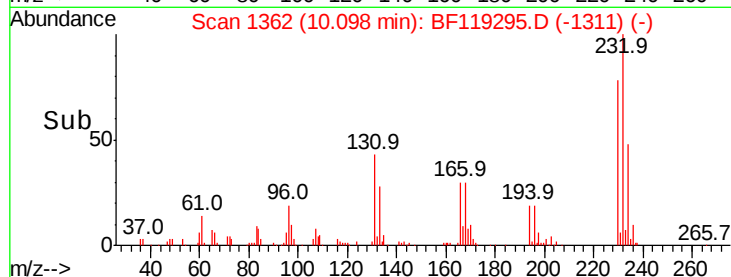
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

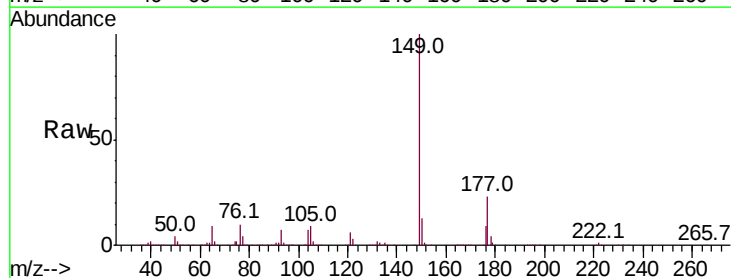
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 48.909 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF119295.D
Acq: 9 Mar 2020 20:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.2	27.2
150	12.7	10.5	15.7

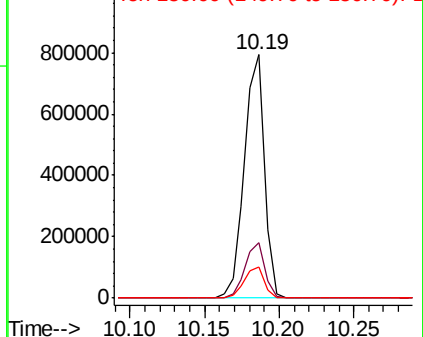
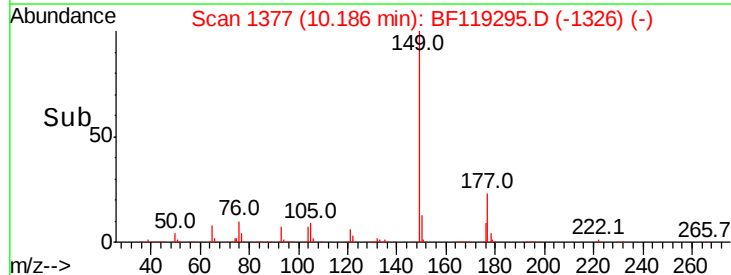


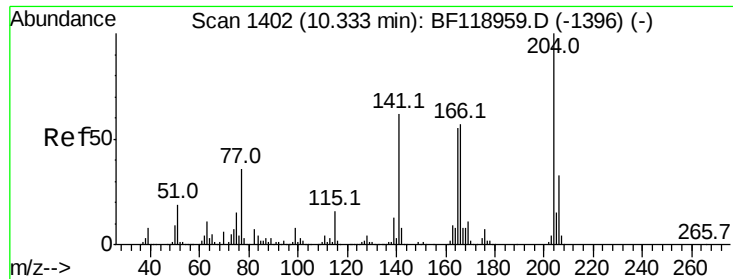
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

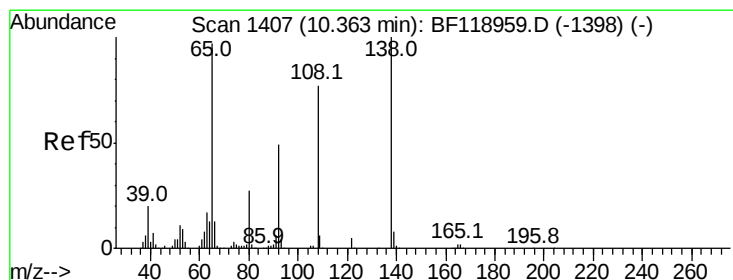
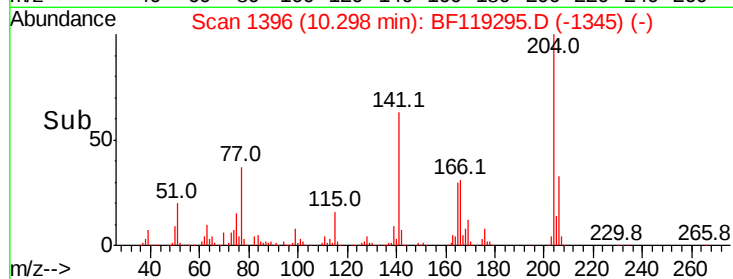
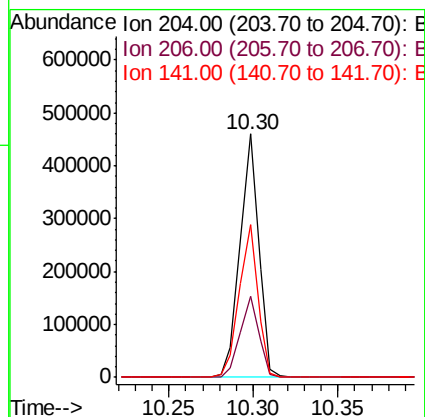
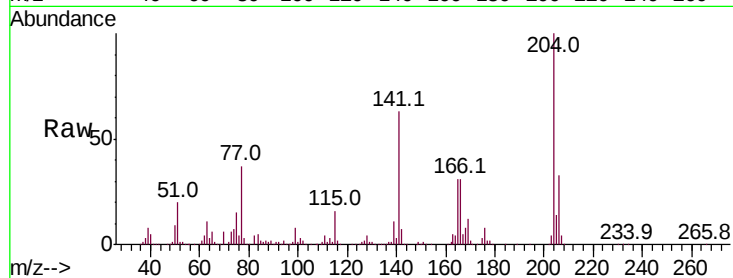




#61
4-Chlorophenyl-phenylether
Concen: 48.607 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF119295.D
Acq: 9 Mar 2020 20:59

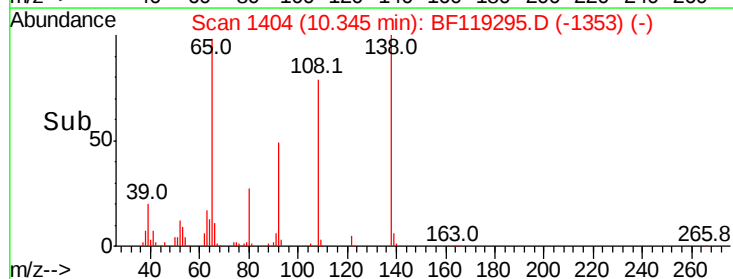
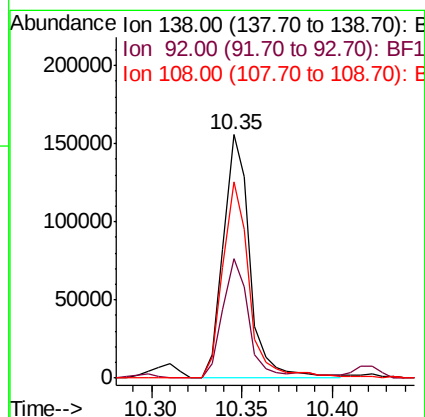
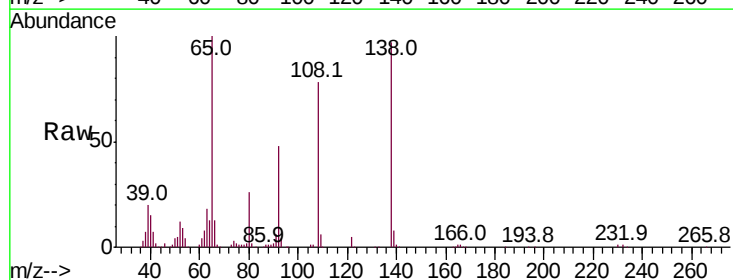
Instrument :
BNA_F
ClientSampleId :

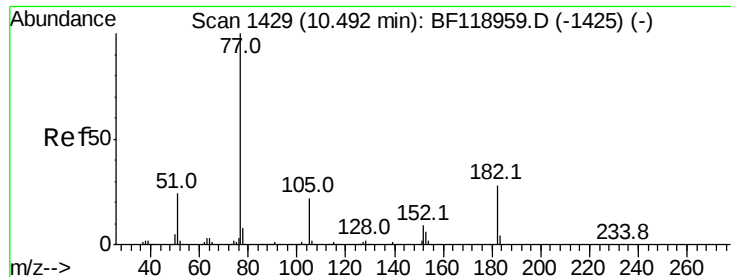
Tot Ion:204 Resp: 355392
Ion Ratio Lower Upper
204 100
206 33.5 27.1 40.7
141 62.7 52.9 79.3



#62
4-Nitroaniline
Concen: 38.788 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF119295.D
Acq: 9 Mar 2020 20:59

Tgt Ion:138 Resp: 156939
Ion Ratio Lower Upper
138 100
92 49.0 27.3 67.3
108 80.4 57.0 97.0

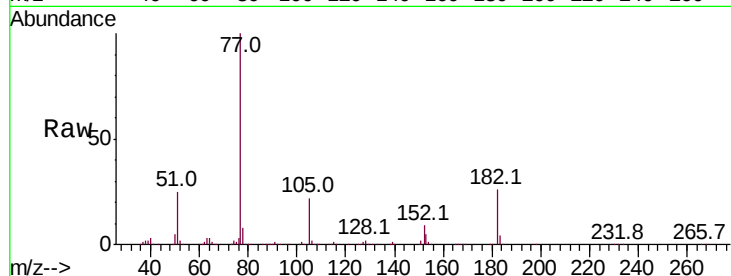




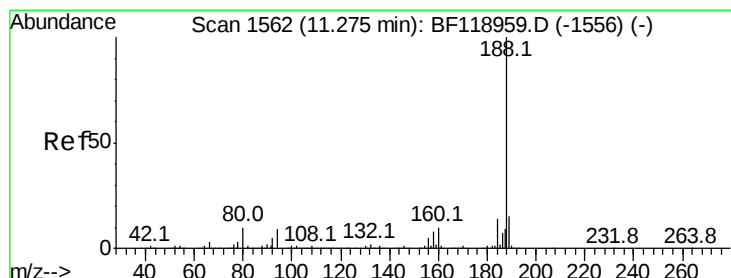
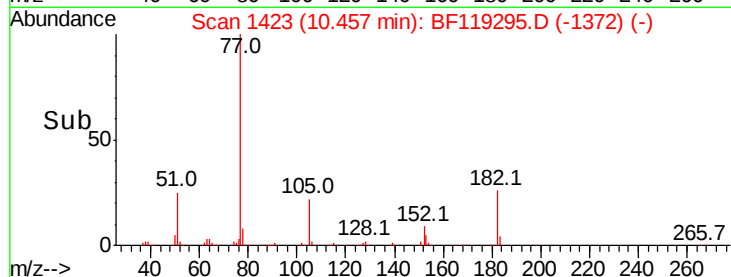
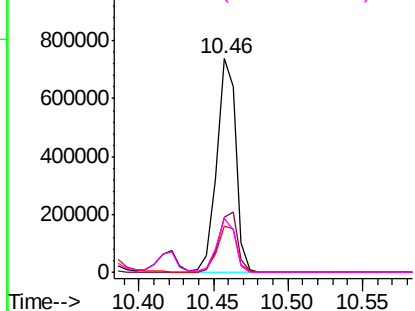
#63
Azobenzene
Concen: 50.423 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF119295.D
Acq: 9 Mar 2020 20:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.8	11.4	51.4
105	21.5	3.4	43.4
51	25.1	5.1	45.1

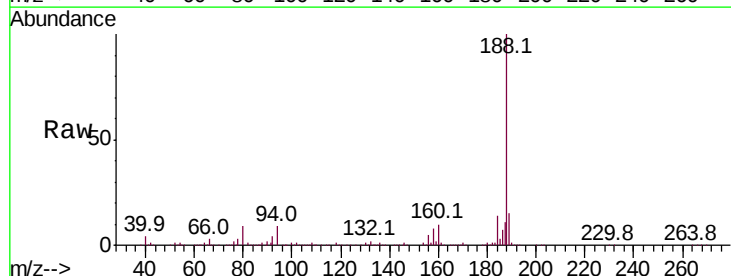


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

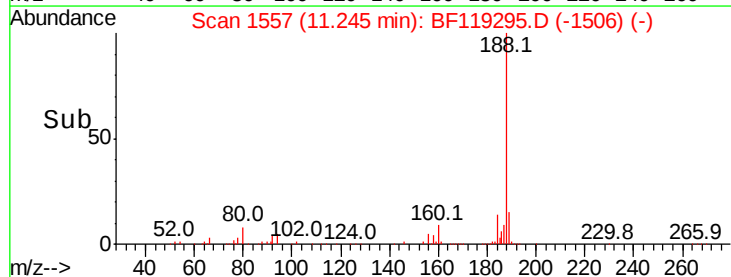
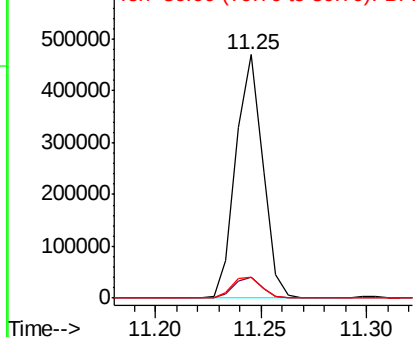


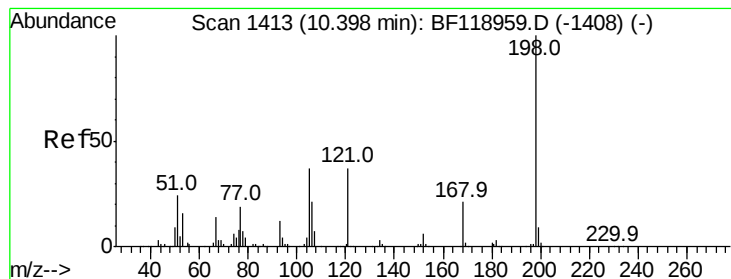
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119295.D
Acq: 9 Mar 2020 20:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.1	10.7
80	8.8	7.8	11.8



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





#65

4,6-Dinitro-2-methylphenol

Concen: 45.876 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.01 min

Lab File: BF119295.D

Acq: 9 Mar 2020 20:59

Instrument :

BNA_F

ClientSampled :

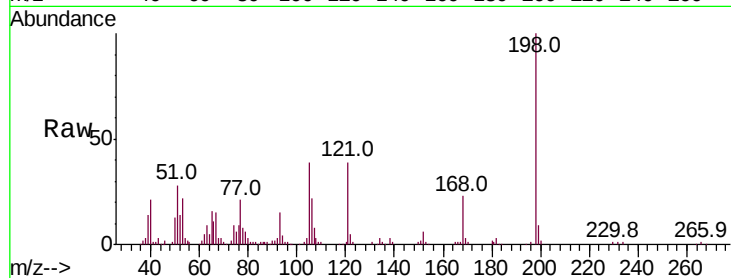
Tot Ion:198 Resp: 114895

Ion Ratio Lower Upper

198 100

51 28.2 14.2 54.2

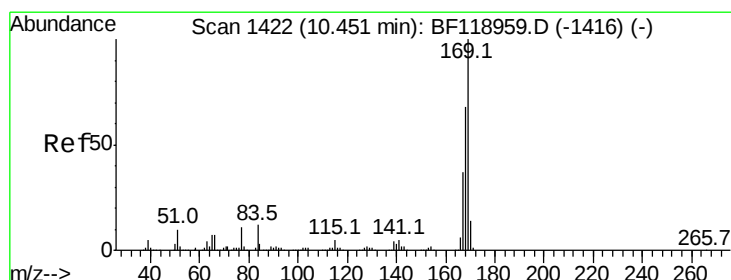
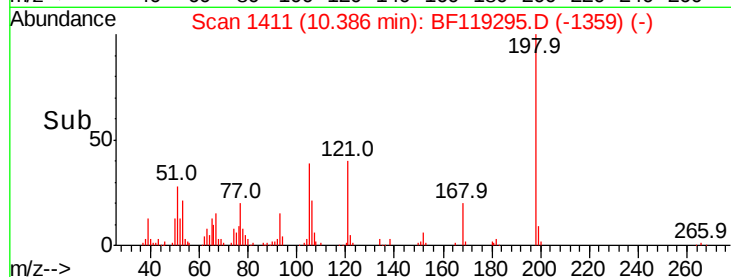
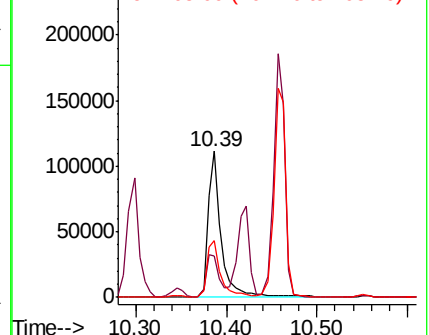
105 38.8 22.7 62.7



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: 45.621 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF119295.D

Acq: 9 Mar 2020 20:59

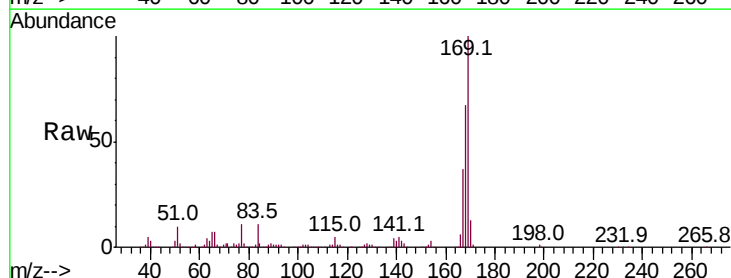
Tgt Ion:169 Resp: 618269

Ion Ratio Lower Upper

169 100

168 67.3 54.1 81.1

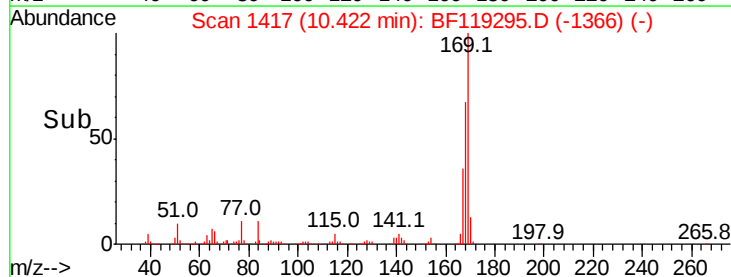
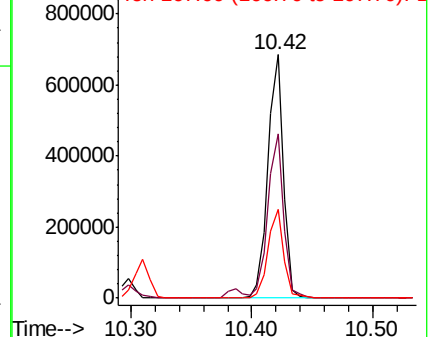
167 36.6 29.4 44.0

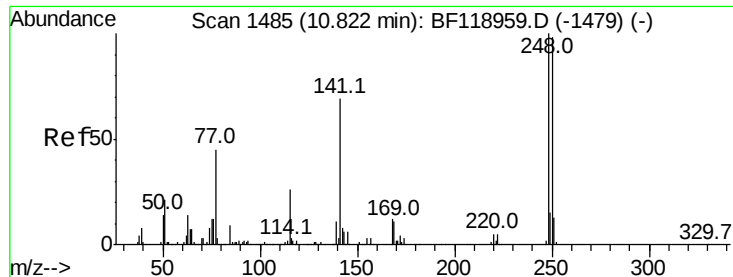


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 43.645 ng

RT: 10.79 min Scan# 1479

Delta R.T. 0.00 min

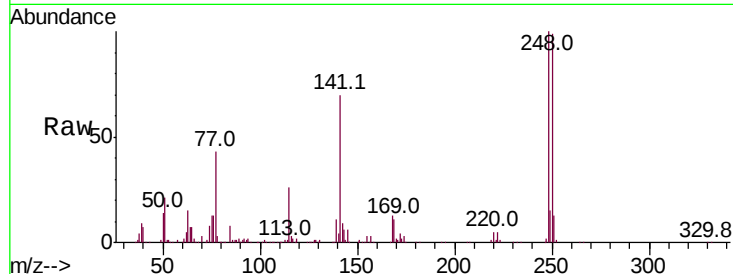
Lab File: BF119295.D

Acq: 9 Mar 2020 20:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 236122

Ion	Ratio	Lower	Upper
248	100		
250	98.5	76.7	115.1
141	70.0	60.7	91.1

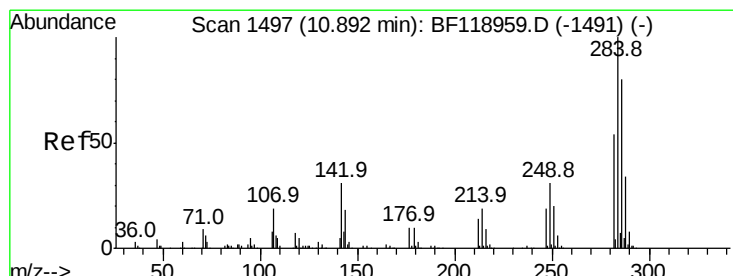
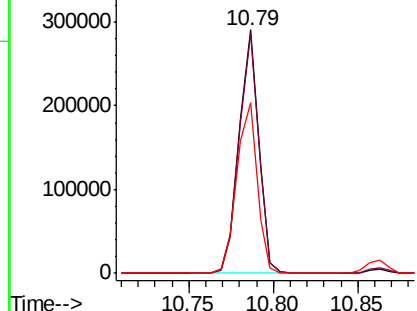
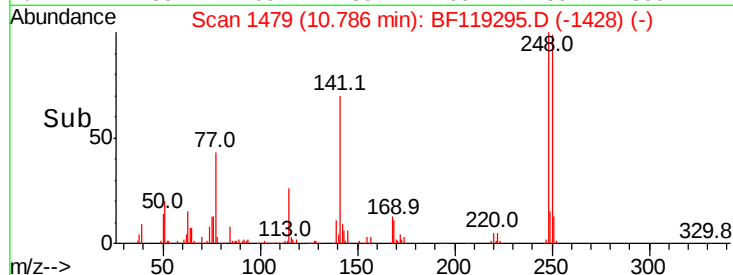


Abundance

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: 42.946 ng

RT: 10.86 min Scan# 1492

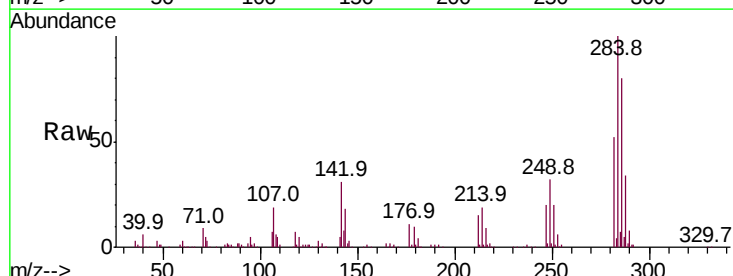
Delta R.T. 0.00 min

Lab File: BF119295.D

Acq: 9 Mar 2020 20:59

Tgt Ion:284 Resp: 267877

Ion	Ratio	Lower	Upper
284	100		
142	30.6	23.7	35.5
249	31.6	25.0	37.6

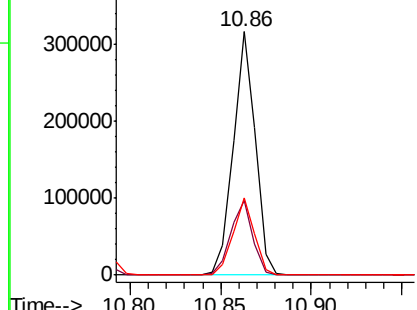
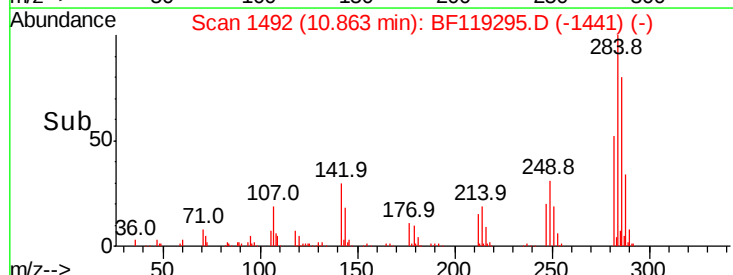


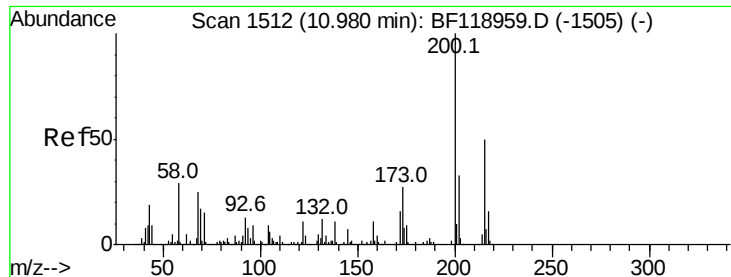
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

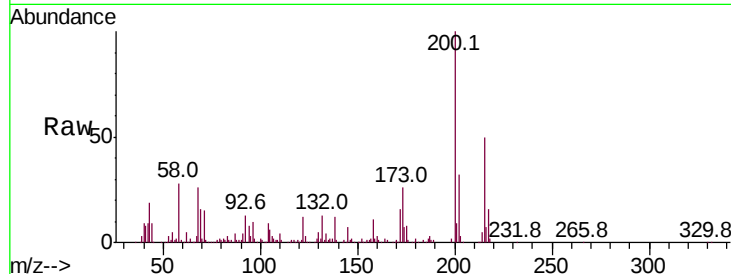




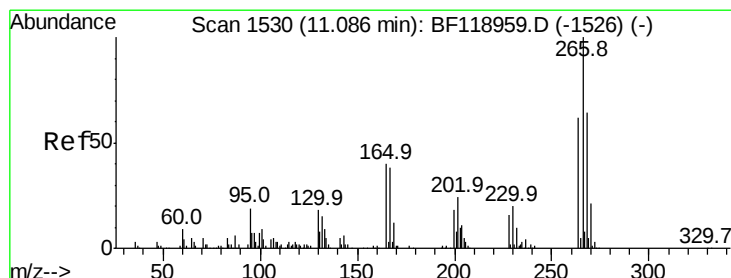
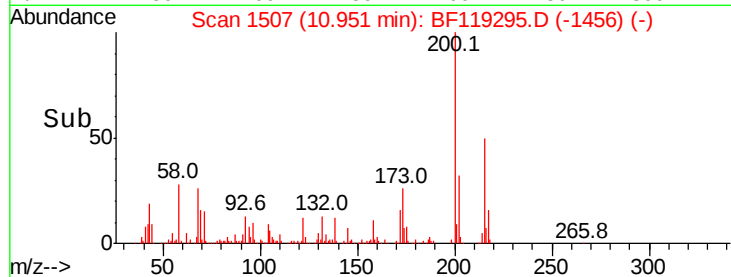
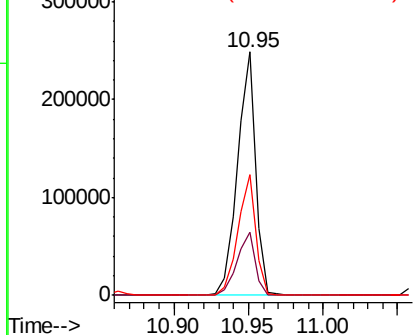
#69
Atrazine
Concen: 44.992 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF119295.D
Acq: 9 Mar 2020 20:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	6.4	46.4
215	49.7	27.4	67.4

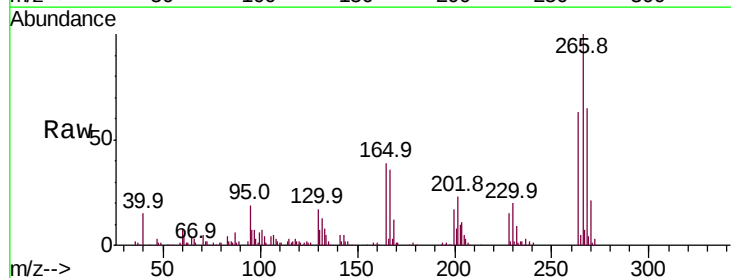


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

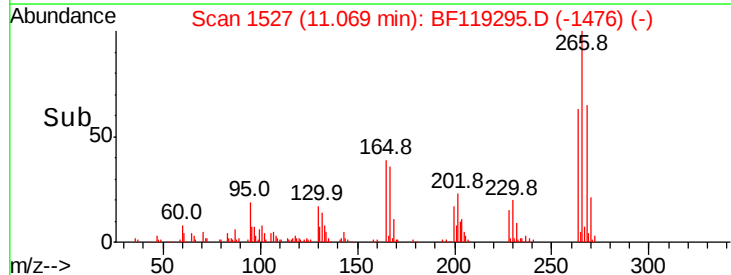
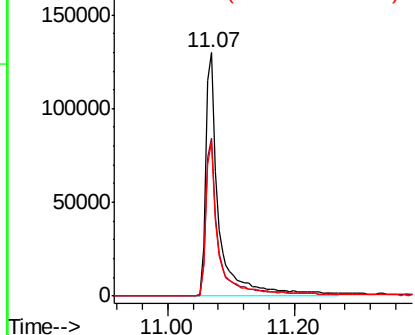


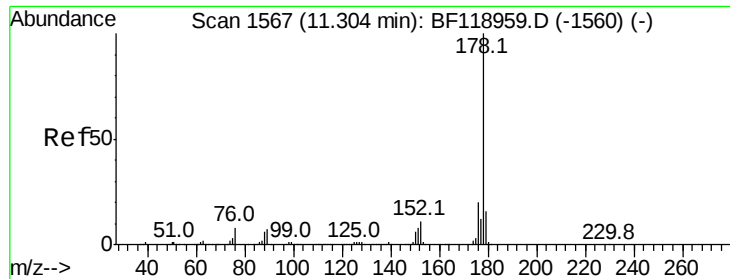
#70
Pentachlorophenol
Concen: 75.242 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF119295.D
Acq: 9 Mar 2020 20:59

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.1	51.9	77.9
264	63.4	51.0	76.4



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

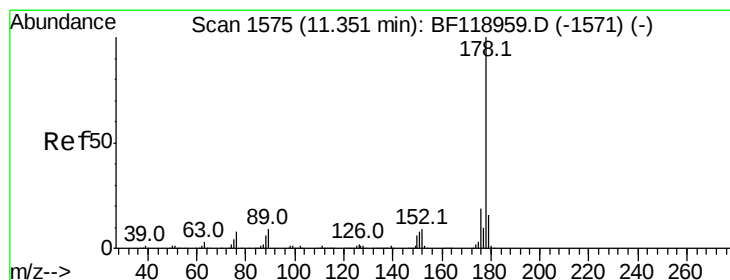
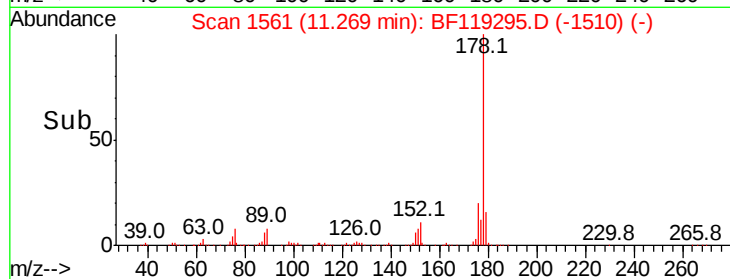
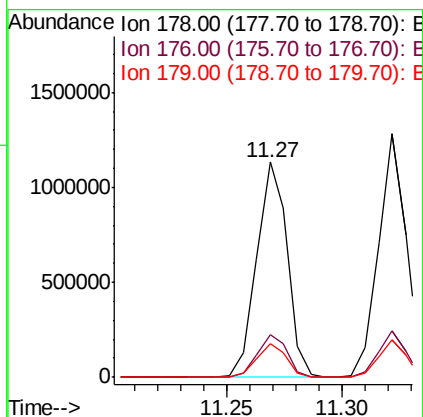
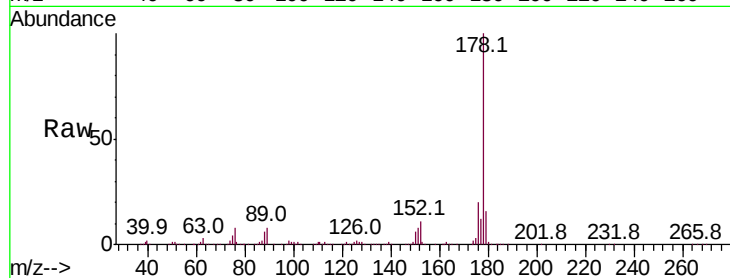




#71
 Phenanthrene
 Concen: 46.584 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.00 min
 Lab File: BF119295.D
 Acq: 9 Mar 2020 20:59

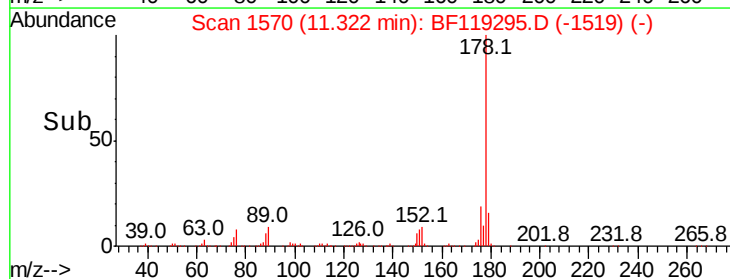
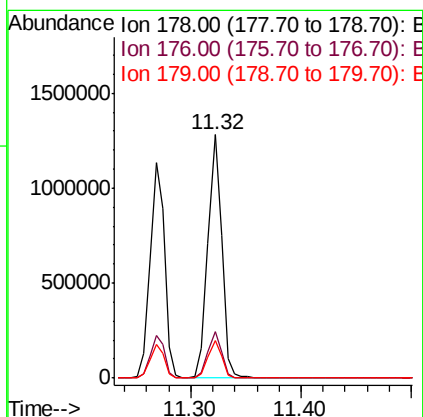
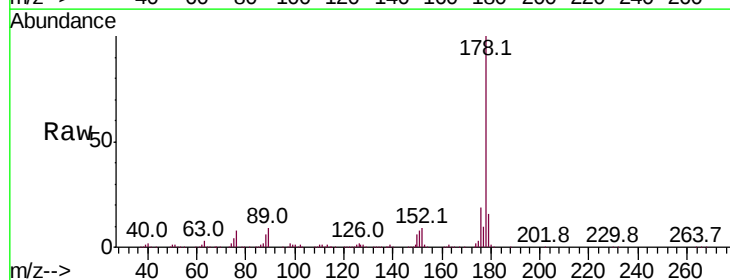
Instrument :
 BNA_F
 ClientSampleId :

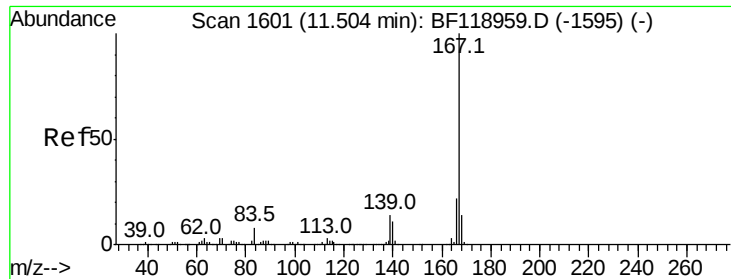
Tot Ion:178 Resp: 1051465
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.5 24.7
 179 15.8 13.0 19.6



#72
 Anthracene
 Concen: 48.083 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF119295.D
 Acq: 9 Mar 2020 20:59

Tgt Ion:178 Resp: 1084400
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.0 24.0
 179 15.6 13.1 19.7

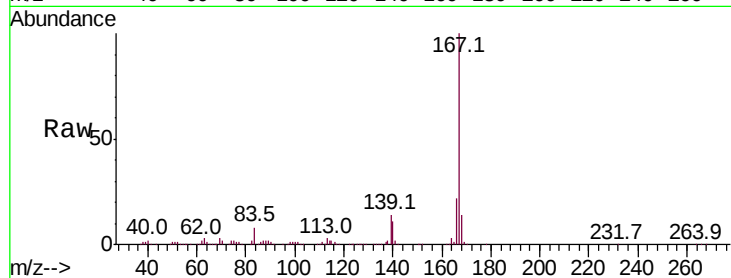




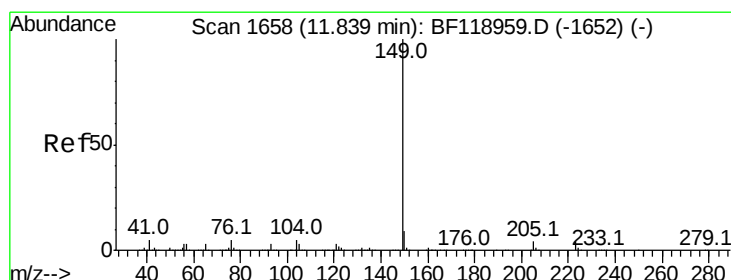
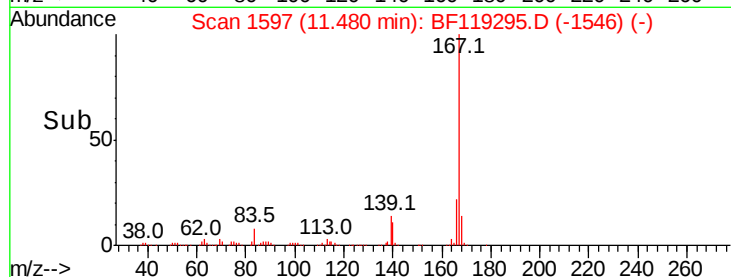
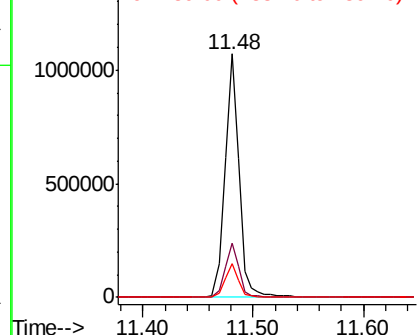
#73
 Carbazole
 Concen: 47.342 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF119295.D
 Acq: 9 Mar 2020 20:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 951171
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.4
 139 14.0 11.7 17.5

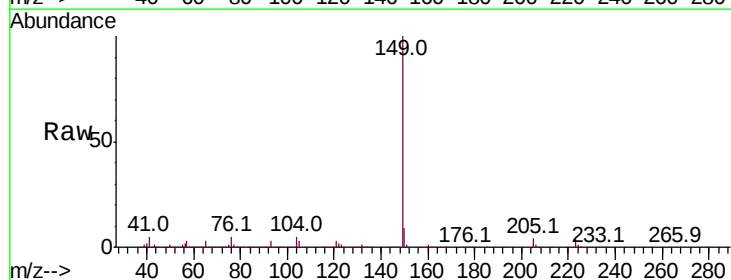


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

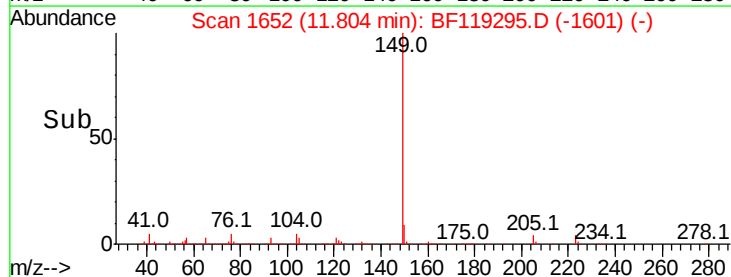
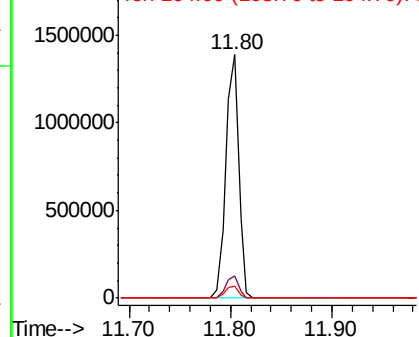


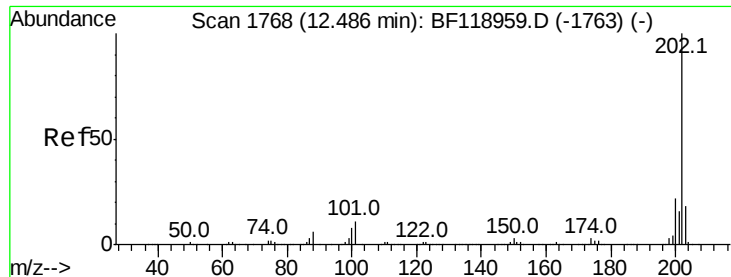
#74
 Di-n-butylphthalate
 Concen: 50.217 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF119295.D
 Acq: 9 Mar 2020 20:59

Tgt Ion:149 Resp: 1221822
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.9 11.9
 104 5.1 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

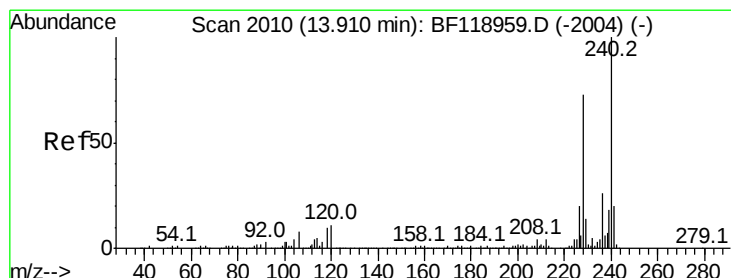
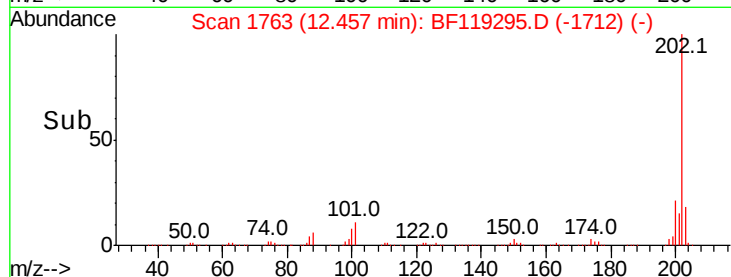
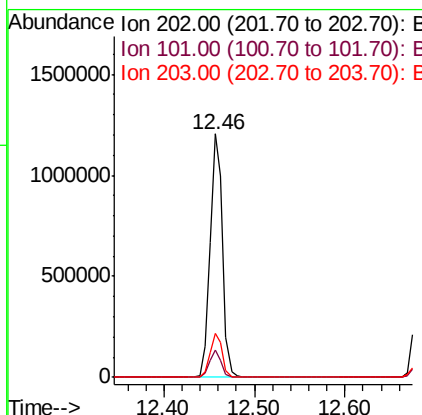
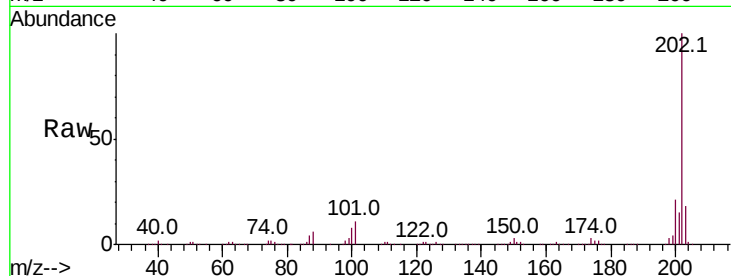




#75
 Fluoranthene
 Concen: 48.622 ng
 RT: 12.46 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: BF119295.D
 Acq: 9 Mar 2020 20:59

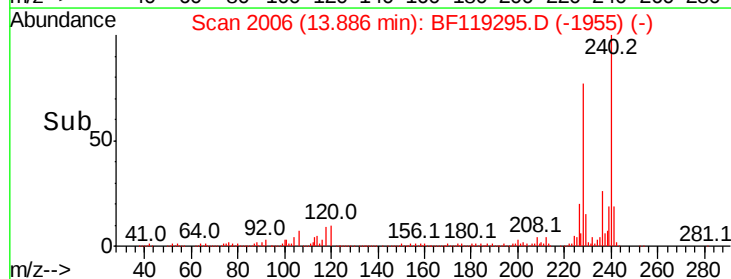
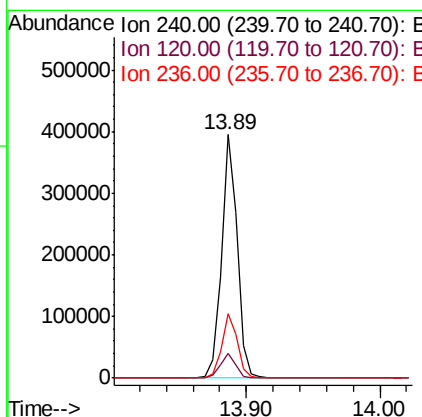
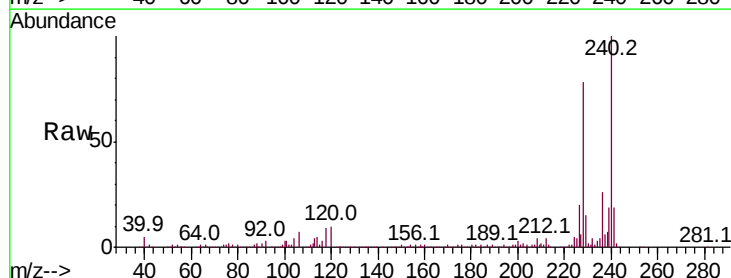
Instrument :
 BNA_F
 ClientSampleId :

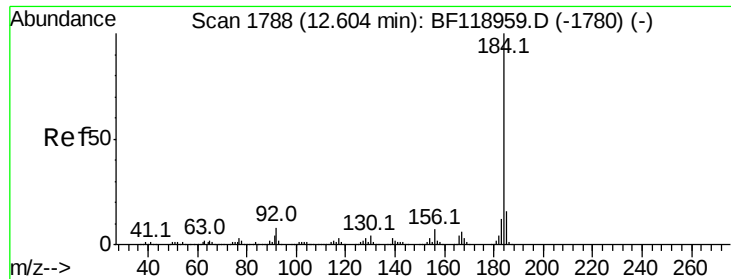
Tot Ion:202 Resp: 1164940
 Ion Ratio Lower Upper
 202 100
 101 11.5 0.0 30.3
 203 17.8 0.0 38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BF119295.D
 Acq: 9 Mar 2020 20:59

Tgt Ion:240 Resp: 326766
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.4 12.6
 236 26.5 21.0 31.4





#77

Benzidine

Concen: 39.945 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF119295.D

Acq: 9 Mar 2020 20:59

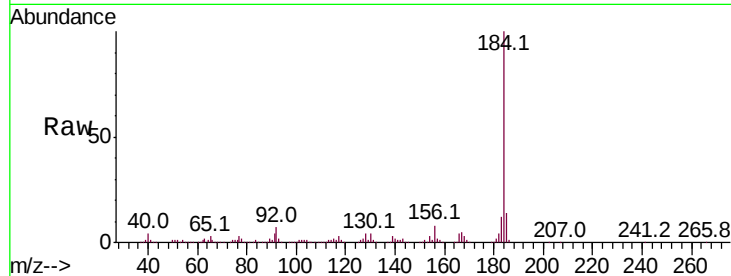
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 530840

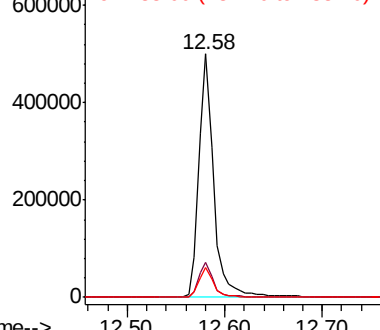
Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.2	18.4
183	12.3	9.9	14.9



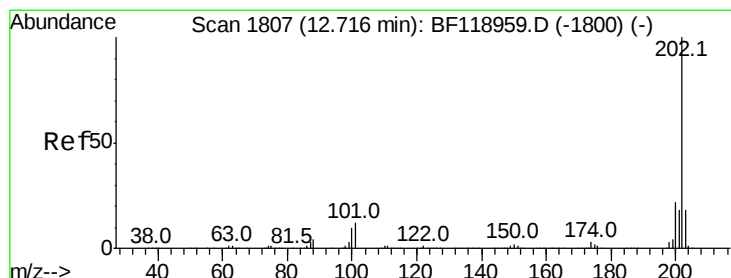
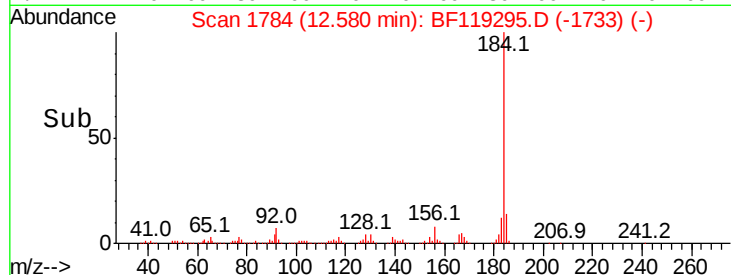
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 44.430 ng

RT: 12.69 min Scan# 1802

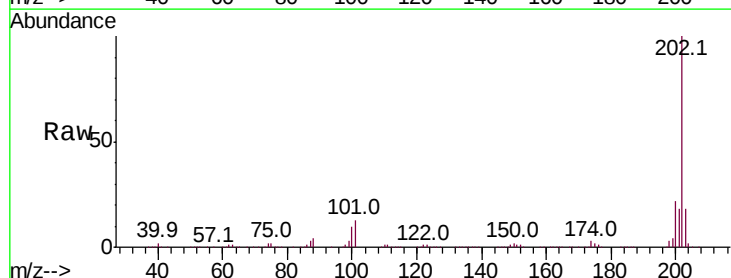
Delta R.T. 0.00 min

Lab File: BF119295.D

Acq: 9 Mar 2020 20:59

Tgt Ion:202 Resp: 1165791

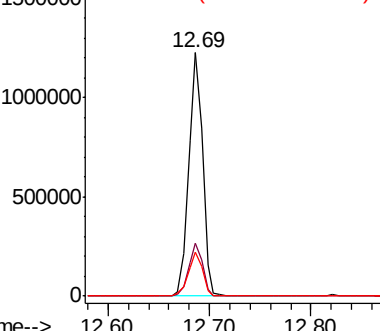
Ion	Ratio	Lower	Upper
202	100		
200	21.9	18.0	27.0
203	17.9	14.6	22.0



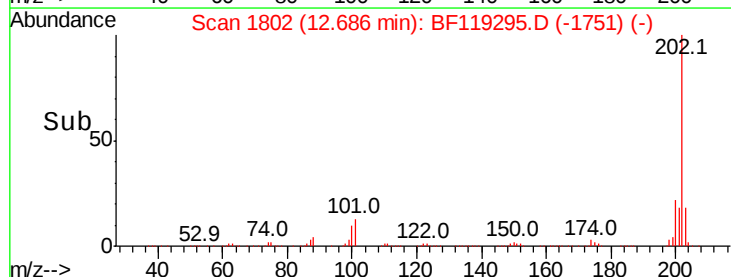
Abundance Ion 202.00 (201.70 to 202.70): E

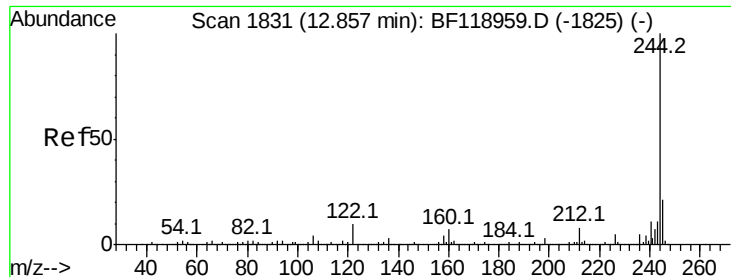
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 79.262 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF119295.D

Acq: 9 Mar 2020 20:59

Instrument :

BNA_F

ClientSampleId :

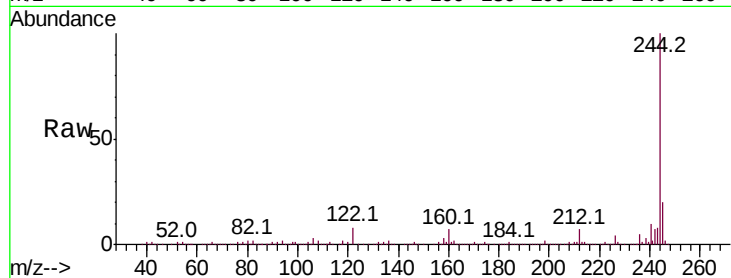
Tot Ion:244 Resp: 1504360

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.6	10.0
122	8.5	8.2	12.2

244 100

212 7.1 6.6 10.0

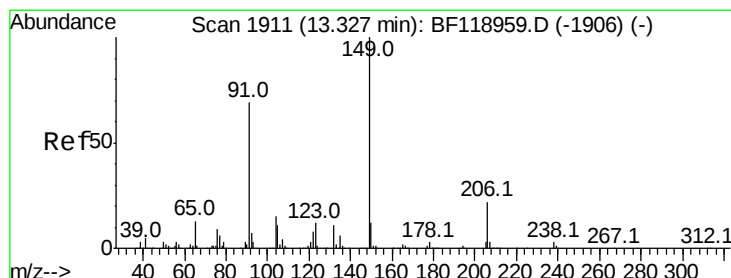
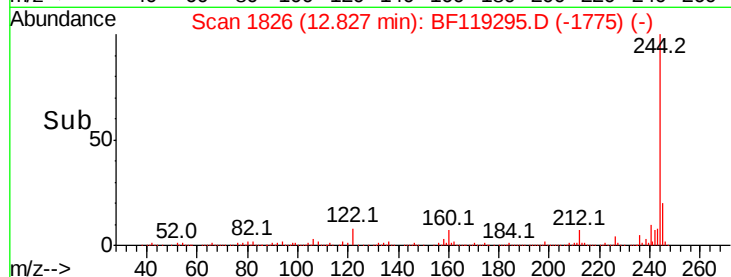
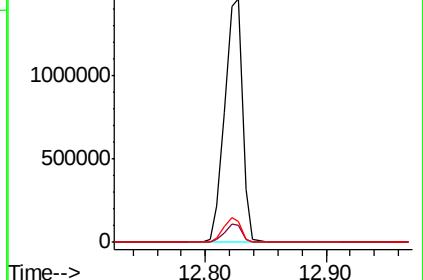
122 8.5 8.2 12.2



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: 48.281 ng

RT: 13.30 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BF119295.D

Acq: 9 Mar 2020 20:59

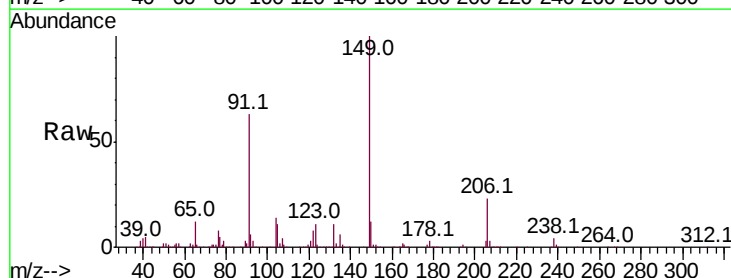
Tgt Ion:149 Resp: 533179

Ion	Ratio	Lower	Upper
149	100		
91	63.1	52.3	78.5
206	23.2	18.5	27.7

149 100

91 63.1 52.3 78.5

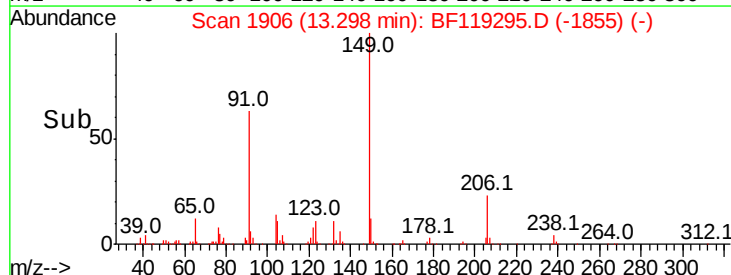
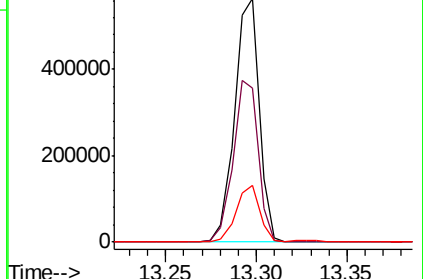
206 23.2 18.5 27.7

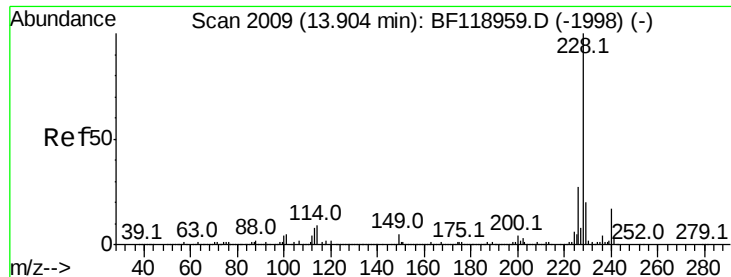


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.479 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF119295.D

Acq: 9 Mar 2020 20:59

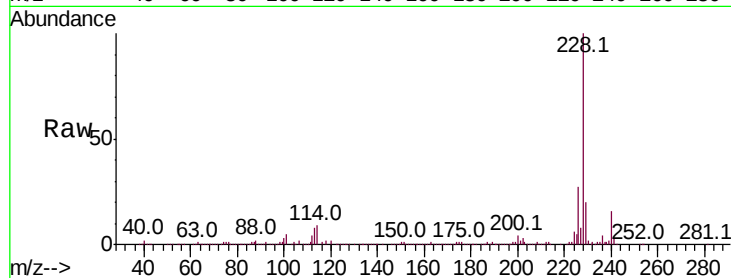
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1057110

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	19.6	16.6	24.8

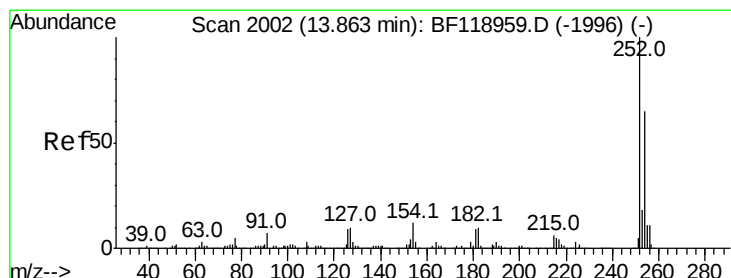
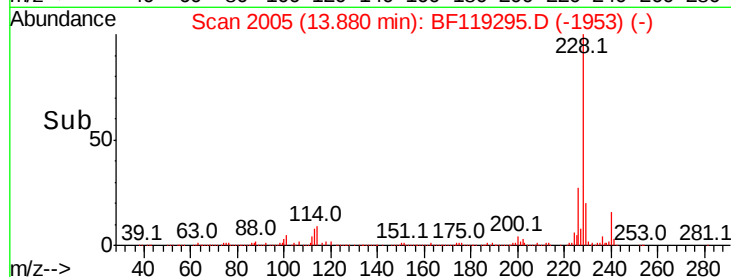
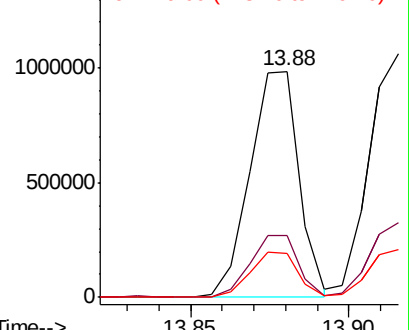


Abundance

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: 35.009 ng

RT: 13.83 min Scan# 1997

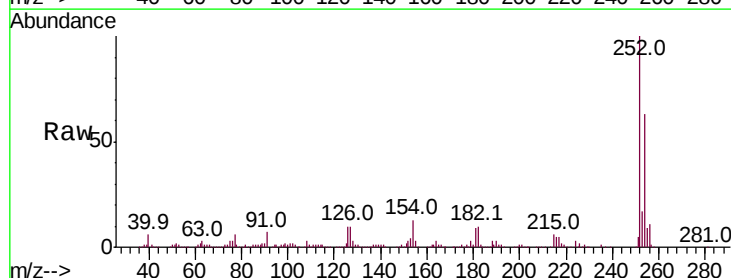
Delta R.T. 0.00 min

Lab File: BF119295.D

Acq: 9 Mar 2020 20:59

Tgt Ion:252 Resp: 302667

Ion	Ratio	Lower	Upper
252	100		
254	63.2	51.6	77.4
126	10.0	7.4	11.0

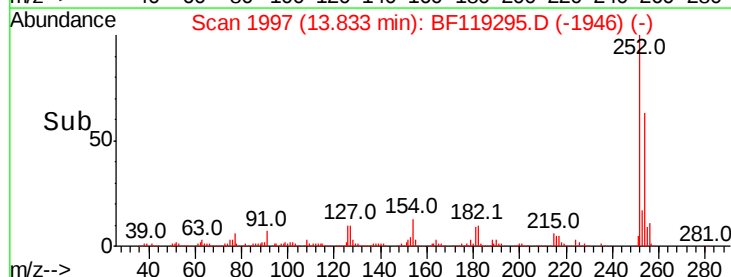
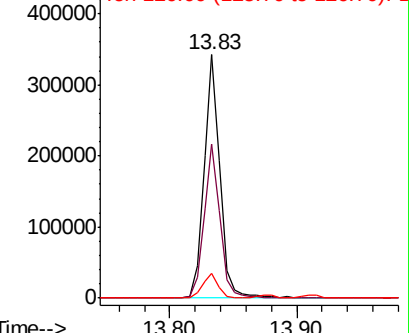


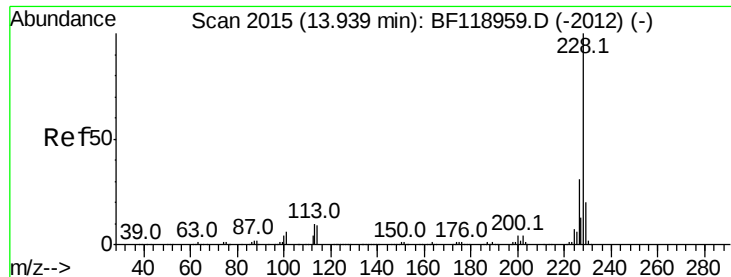
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

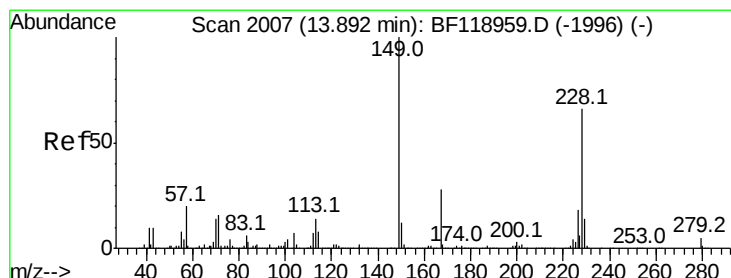
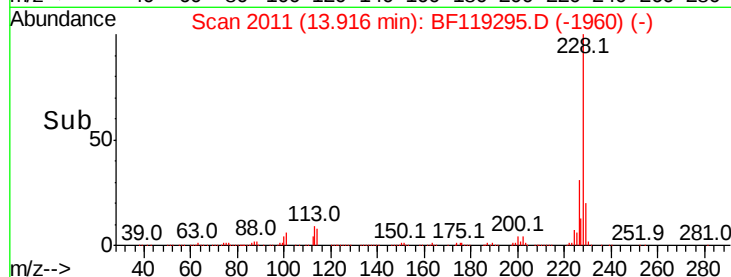
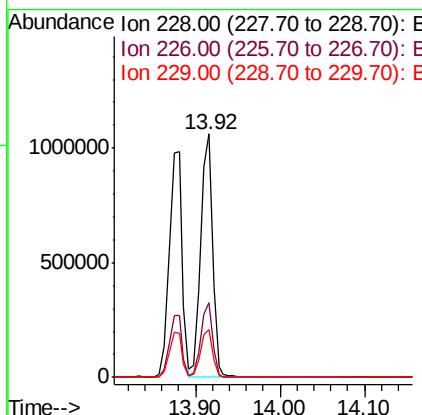
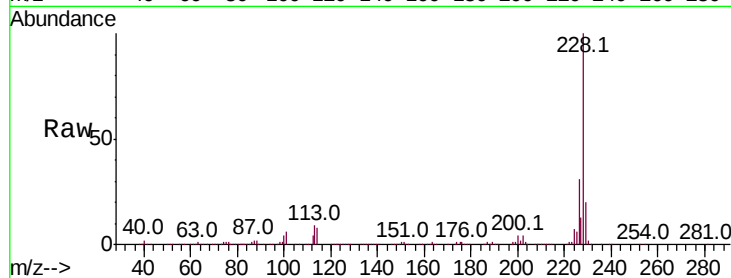




#83
 Chrysene
 Concen: 45.954 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF119295.D
 Acq: 9 Mar 2020 20:59

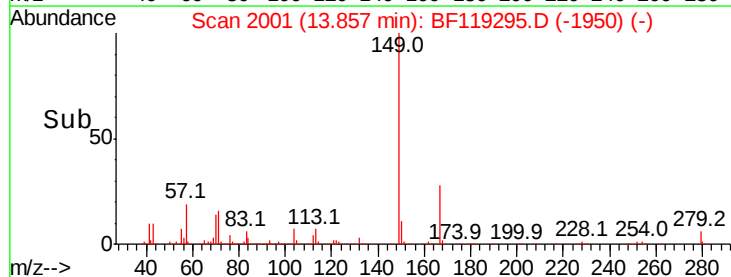
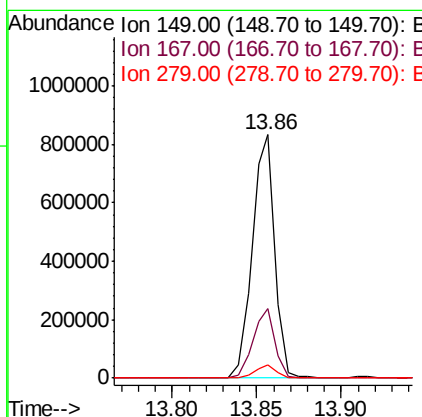
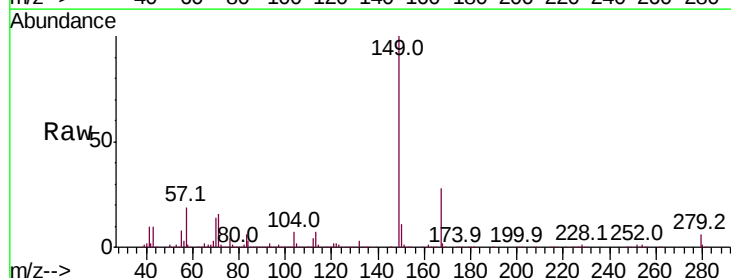
Instrument :
 BNA_F
 ClientSampleId :

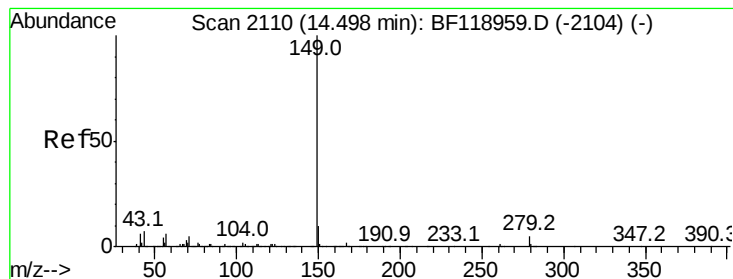
Tot Ion:228 Resp: 1019479
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.1 37.7
 229 19.8 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 55.353 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF119295.D
 Acq: 9 Mar 2020 20:59

Tgt Ion:149 Resp: 772255
 Ion Ratio Lower Upper
 149 100
 167 28.4 22.8 34.2
 279 5.6 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 57.909 ng

RT: 14.46 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BF119295.D

Acq: 9 Mar 2020 20:59

Instrument :

BNA_F

ClientSampleId :

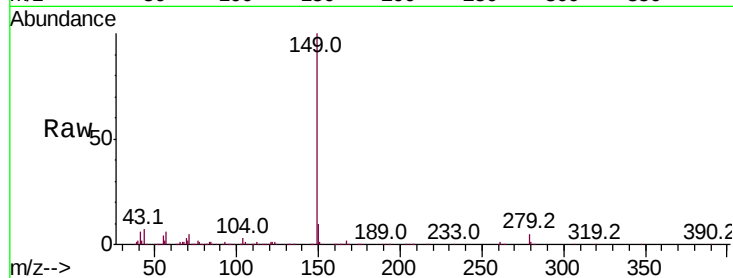
Tot Ion:149 Resp: 1287268

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

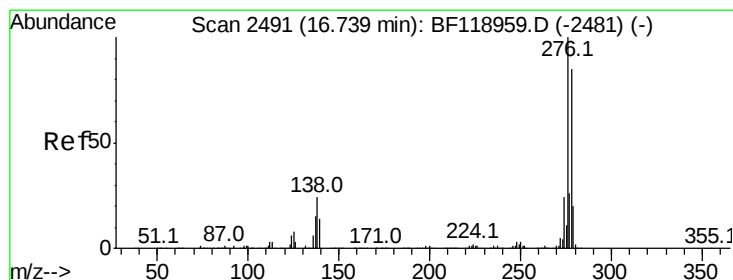
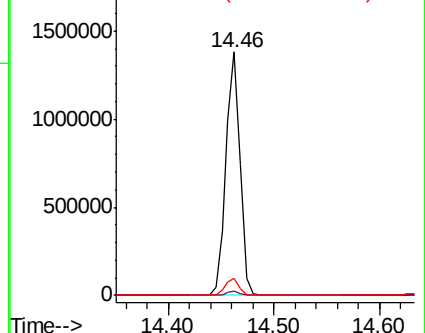
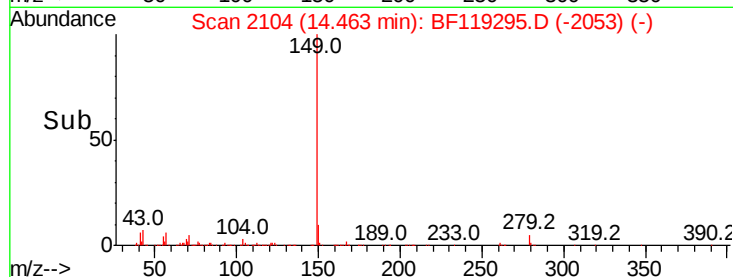
43 6.7 5.7 8.5



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: 44.669 ng

RT: 16.73 min Scan# 2489

Delta R.T. 0.01 min

Lab File: BF119295.D

Acq: 9 Mar 2020 20:59

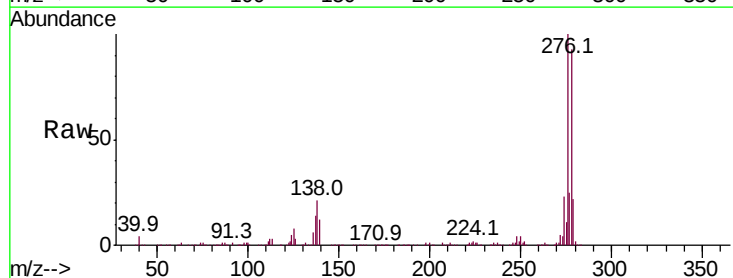
Tgt Ion:276 Resp: 959536

Ion Ratio Lower Upper

276 100

138 21.2 17.4 26.0

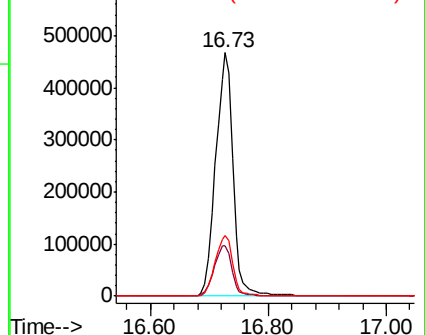
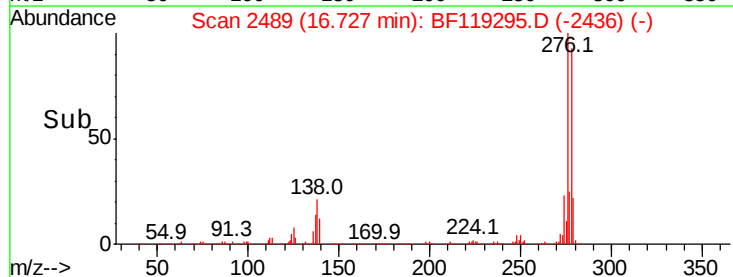
277 25.5 20.3 30.5

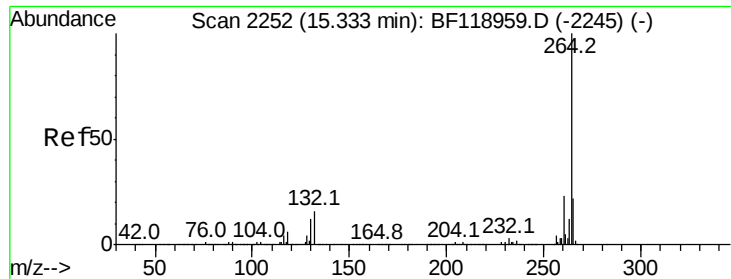


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.31 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BF119295.D

Acq: 9 Mar 2020 20:59

Instrument :

BNA_F

ClientSampleId :

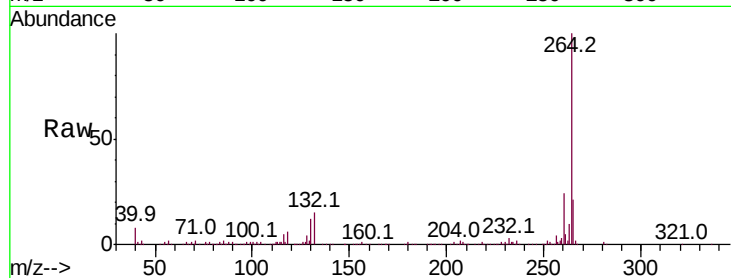
Tot Ion:264 Resp: 326733

Ion Ratio Lower Upper

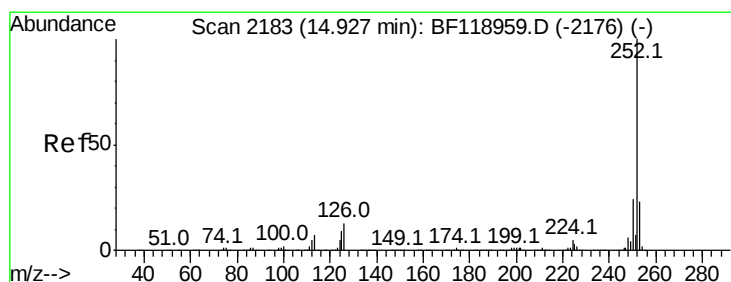
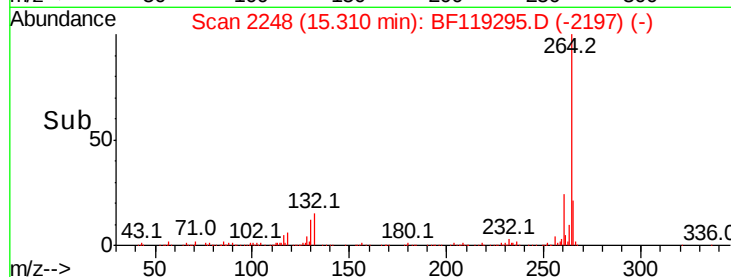
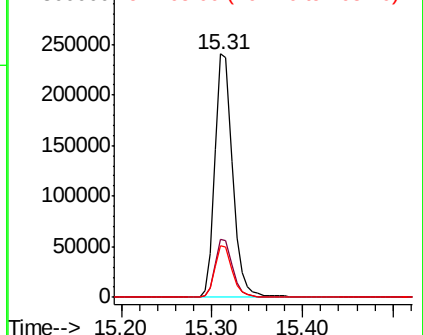
264 100

260 23.6 19.4 29.2

265 21.4 17.7 26.5



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: 48.344 ng

RT: 14.91 min Scan# 2180

Delta R.T. 0.01 min

Lab File: BF119295.D

Acq: 9 Mar 2020 20:59

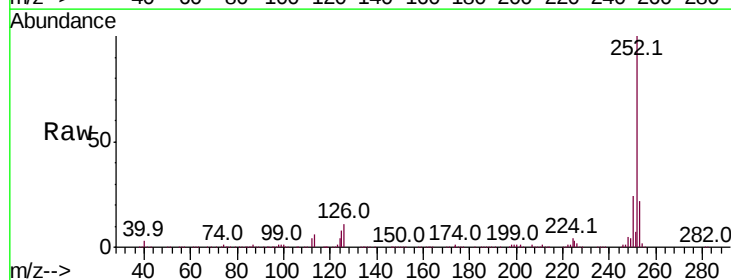
Tgt Ion:252 Resp: 1041167

Ion Ratio Lower Upper

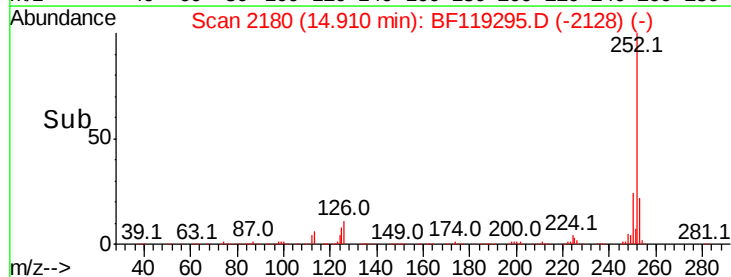
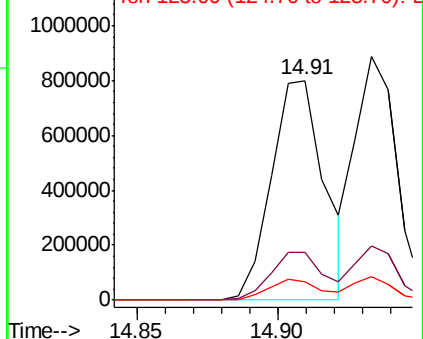
252 100

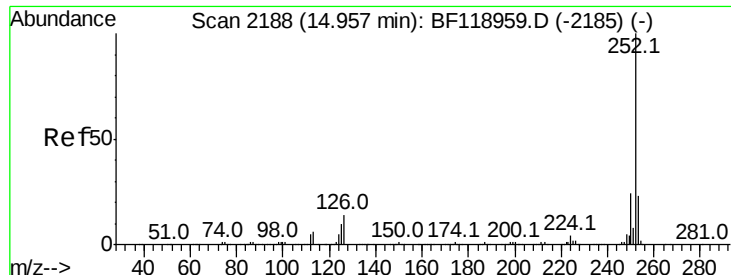
253 22.0 18.1 27.1

125 8.2 7.4 11.0



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

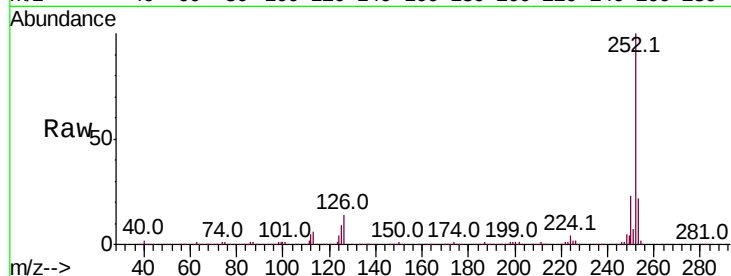




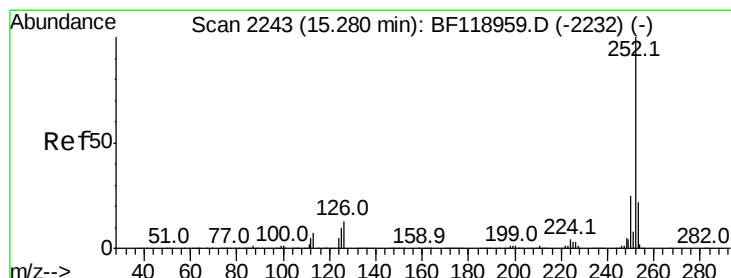
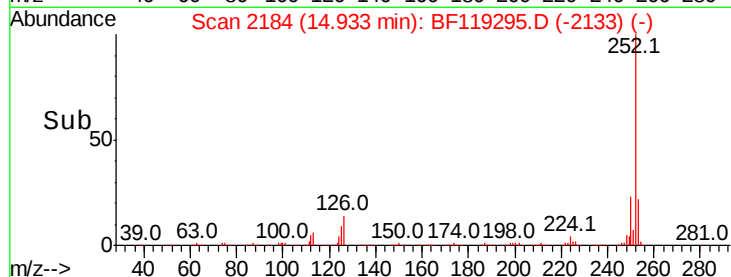
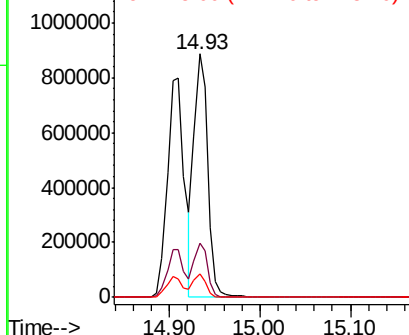
#89
Benzo(k)fluoranthene
Concen: 46.257 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BF119295.D
Acq: 9 Mar 2020 20:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 923217
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 9.4 7.5 11.3

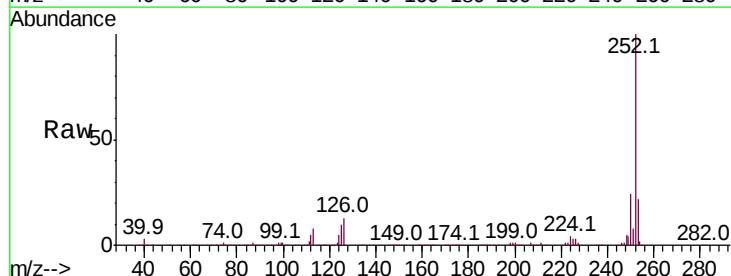


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

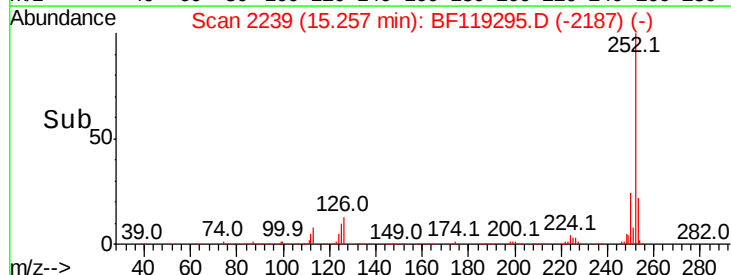
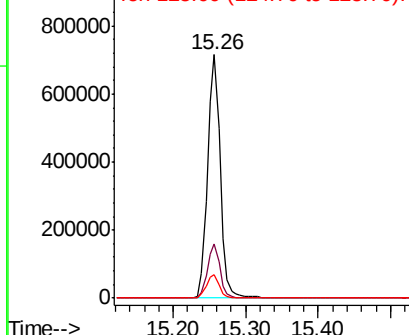


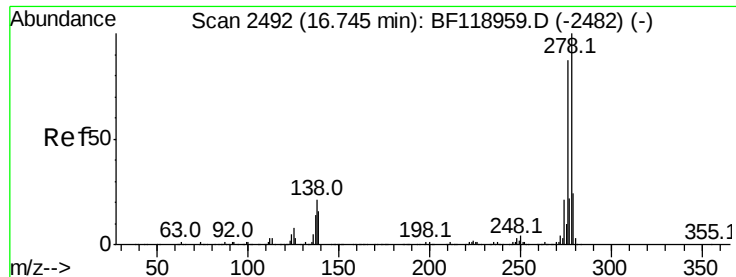
#90
Benzo(a)pyrene
Concen: 44.666 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF119295.D
Acq: 9 Mar 2020 20:59

Tgt Ion:252 Resp: 868190
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 9.6 8.6 12.8



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





#91

Dibenzo(a,h)anthracene

Concen: 47.550 ng

RT: 16.73 min Scan# 2489

Delta R.T. 0.01 min

Lab File: BF119295.D

Acq: 9 Mar 2020 20:59

Instrument :

BNA_F

ClientSampleId :

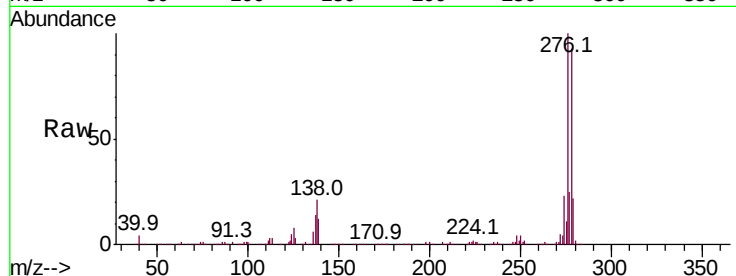
Tot Ion:278 Resp: 813220

Ion Ratio Lower Upper

278 100

139 13.4 11.0 16.4

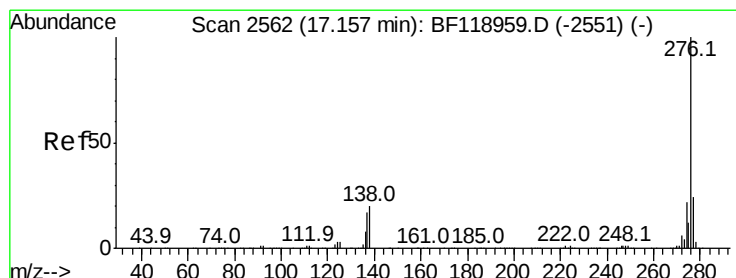
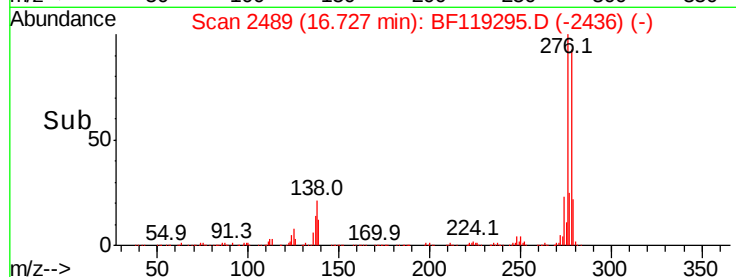
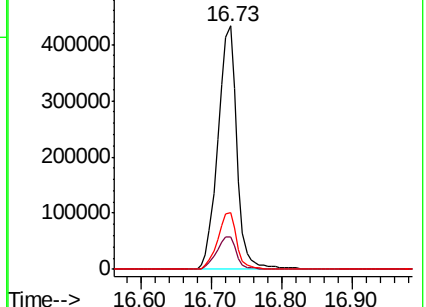
279 23.3 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.717 ng

RT: 17.14 min Scan# 2560

Delta R.T. 0.01 min

Lab File: BF119295.D

Acq: 9 Mar 2020 20:59

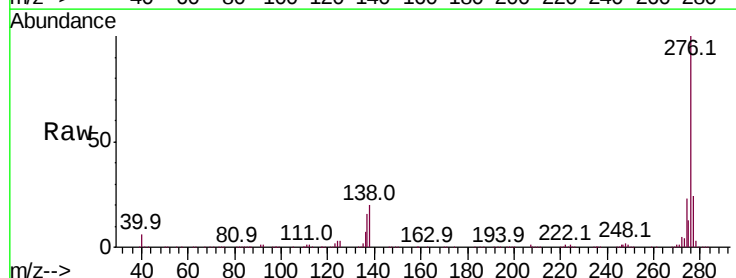
Tgt Ion:276 Resp: 772525

Ion Ratio Lower Upper

276 100

277 23.9 18.7 28.1

138 19.5 14.3 21.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

