

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119294.D
 Acq On : 9 Mar 2020 20:29
 Operator : CG/JU
 Sample : L1844-04MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 21:23:04 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	87225	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	340009	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	195499	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	379991	20.00	ng	0.00
76) Chrysene-d12	13.89	240	302616	20.00	ng	0.00
87) Perylene-d12	15.31	264	304020	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	605950	116.10	ng	0.00
7) Phenol-d6	6.38	99	724174	114.08	ng	0.00
23) Nitrobenzene-d5	7.29	82	482871	74.99	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	282895	110.62	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	983045	74.08	ng	0.00
79) Terphenyl-d14	12.82	244	1365380	77.68	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.39	88	91391	39.328	ng	98
3) Pyridine	3.13	79	216864	34.171	ng	97
4) n-Nitrosodimethylamine	3.07	42	87590	45.560	ng	93
6) Aniline	6.39	93	258994	33.066	ng	96
8) 2-Chlorophenol	6.52	128	285272	50.646	ng	97
9) Benzaldehyde	6.27	77	192798	45.460	ng	100
10) Phenol	6.39	94	332707	48.478	ng	98
11) bis(2-Chloroethyl)ether	6.46	93	248856	47.390	ng	98
12) 1,3-Dichlorobenzene	6.66	146	307842	45.599	ng	98
13) 1,4-Dichlorobenzene	6.74	146	316095	46.789	ng	99
14) 1,2-Dichlorobenzene	6.89	146	291675	47.340	ng	99
15) Benzyl Alcohol	6.88	79	231673	50.499	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	201646	44.329	ng	# 42
17) 2-Methylphenol	7.00	107	222090	48.632	ng	94
18) Hexachloroethane	7.23	117	110566	45.745	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	192639	52.081	ng	94
20) 3+4-Methylphenols	7.16	107	299994	53.619	ng	# 86
22) Acetophenone	7.14	105	380727	48.396	ng	# 93
24) Nitrobenzene	7.31	77	291274	45.740	ng	97
25) Isophorone	7.55	82	522437	46.715	ng	100
26) 2-Nitrophenol	7.63	139	153938	45.623	ng	97
27) 2,4-Dimethylphenol	7.67	122	238921	52.174	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	313233	43.030	ng	99
29) 2,4-Dichlorophenol	7.88	162	246971	45.813	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	273119	42.730	ng	99
31) Naphthalene	8.03	128	805989	45.708	ng	98
32) Benzoic acid	7.83	122	121180	37.900	ng	99
33) 4-Chloroaniline	8.09	127	130025	17.144	ng	98
34) Hexachlorobutadiene	8.15	225	166567	41.837	ng	99
35) Caprolactam	8.46	113	47170	28.417	ng	99
36) 4-Chloro-3-methylphenol	8.59	107	266532	48.853	ng	99
37) 2-Methylnaphthalene	8.72	142	556864	46.926	ng	99
38) 1-Methylnaphthalene	8.82	142	525184	47.059	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	280221	42.513	ng	99

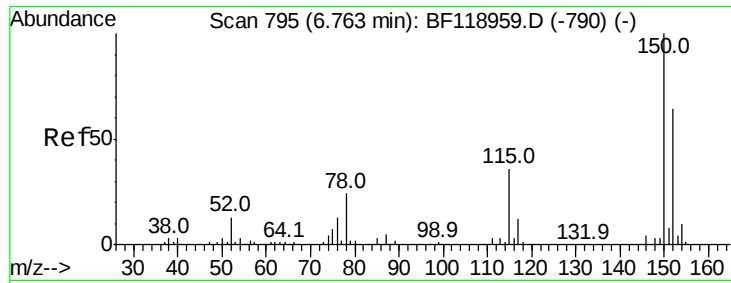
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119294.D
 Acq On : 9 Mar 2020 20:29
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	87783	41.685	ng	99
43) 2,4,6-Trichlorophenol	9.01	196	174728	41.977	ng	99
44) 2,4,5-Trichlorophenol	9.06	196	183264	41.957	ng	99
46) 1,1'-Biphenyl	9.18	154	680200	43.050	ng	98
47) 2-Chloronaphthalene	9.21	162	544438	42.759	ng	96
48) 2-Nitroaniline	9.32	65	160137	45.092	ng	97
49) Acenaphthylene	9.62	152	837479	45.541	ng	99
50) Dimethylphthalate	9.49	163	724801	48.484	ng	99
51) 2,6-Dinitrotoluene	9.56	165	150771	45.395	ng	100
52) Acenaphthene	9.79	154	494627	44.606	ng	99
53) 3-Nitroaniline	9.73	138	82629	22.441	ng	97
54) 2,4-Dinitrophenol	9.85	184	99898	63.578	ng	91
55) Dibenzofuran	9.97	168	742340	44.852	ng	97
56) 4-Nitrophenol	9.92	139	123728	55.928	ng	98
57) 2,4-Dinitrotoluene	9.97	165	194979	45.291	ng	99
58) Fluorene	10.31	166	612937	47.658	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	157517	42.738	ng	97
60) Diethylphthalate	10.18	149	669658	47.534	ng	98
61) 4-Chlorophenyl-phenylether	10.30	204	319928	46.996	ng	96
62) 4-Nitroaniline	10.35	138	140491	37.293	ng	95
63) Azobenzene	10.46	77	598136	48.845	ng	94
65) 4,6-Dinitro-2-methylphenol	10.39	198	96316	41.888	ng	92
66) n-Nitrosodiphenylamine	10.42	169	557473	44.805	ng	100
67) 4-Bromophenyl-phenylether	10.79	248	209047	42.087	ng	95
68) Hexachlorobenzene	10.86	284	242296	42.310	ng	99
69) Atrazine	10.95	200	192862	44.365	ng	97
70) Pentachlorophenol	11.07	266	162061	70.253	ng	98
71) Phenanthrene	11.27	178	936715	45.202	ng	98
72) Anthracene	11.32	178	983763	47.512	ng	98
73) Carbazole	11.48	167	870218	47.176	ng	99
74) Di-n-butylphthalate	11.80	149	1106117	49.516	ng	98
75) Fluoranthene	12.46	202	1049282	47.702	ng	99
77) Benzidine	12.58	184	531947	43.223	ng	98
78) Pyrene	12.69	202	1067438	43.928	ng	98
80) Butylbenzylphthalate	13.30	149	494306	48.333	ng	100
81) Benzo(a)anthracene	13.87	228	954586	46.296	ng	99
82) 3,3'-Dichlorobenzidine	13.83	252	277932	34.713	ng	99
83) Chrysene	13.92	228	925444	45.044	ng	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	710052	54.956	ng	100
85) Di-n-octyl phthalate	14.46	149	1176609	57.155	ng	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	871357	43.801	ng	100
88) Benzo(b)fluoranthene	14.91	252	927939	46.306	ng	99
89) Benzo(k)fluoranthene	14.93	252	854696	46.023	ng	100
90) Benzo(a)pyrene	15.26	252	786509	43.487	ng	99
91) Dibenzo(a,h)anthracene	16.72	278	734312	46.144	ng	97
92) Benzo(g,h,i)perylene	17.14	276	705013	44.838	ng	99

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

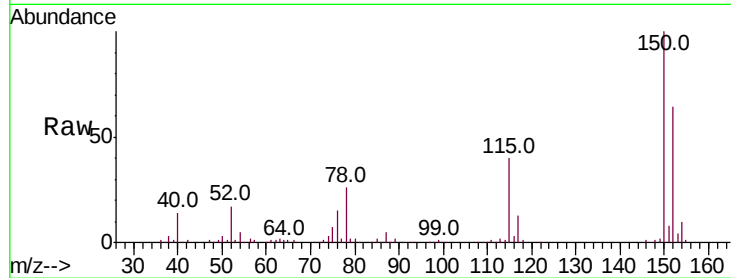


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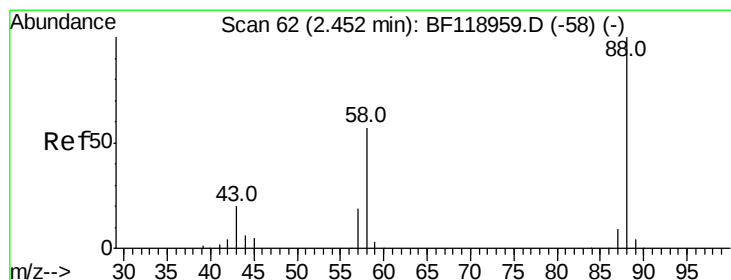
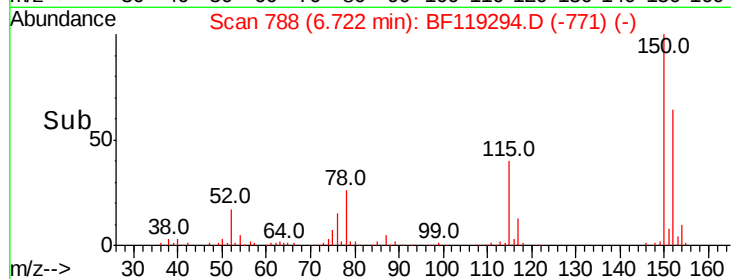
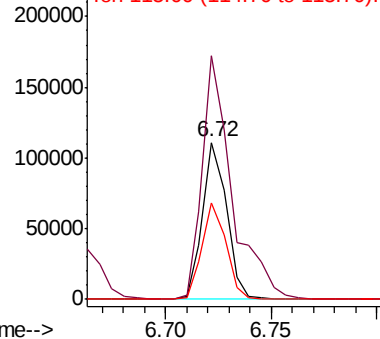
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 87225
Ion Ratio Lower Upper
152 100
150 155.4 123.0 184.6
115 61.7 49.5 74.3



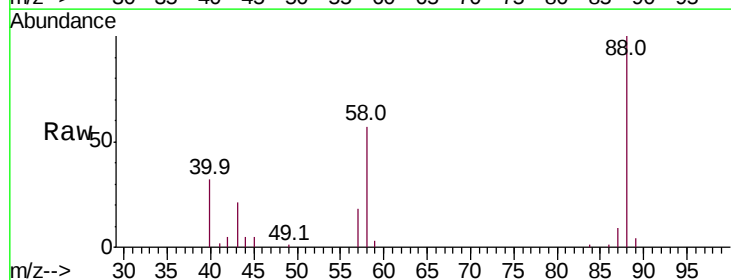
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



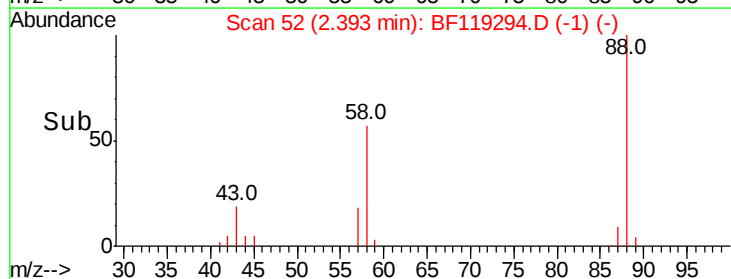
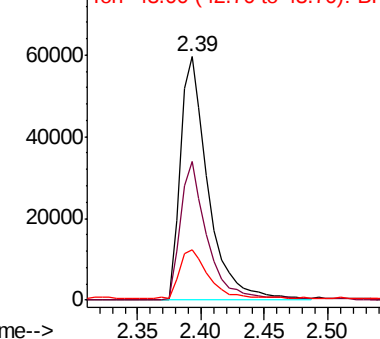
#2

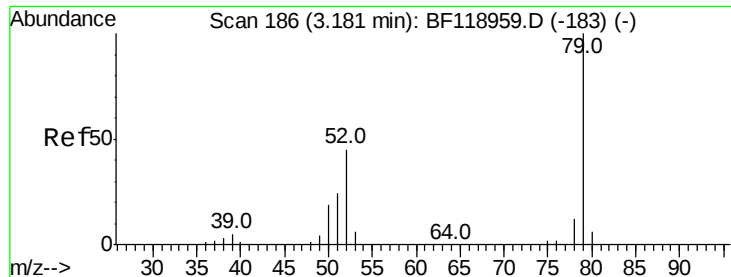
1,4-Dioxane
Concen: 39.328 ng
RT: 2.39 min Scan# 52
Delta R.T. 0.01 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion: 88 Resp: 91391
Ion Ratio Lower Upper
88 100
58 56.1 43.8 65.6
43 21.8 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

Pvridine

Concen: 34.171 ng

RT: 3.13 min Scan# 178

Delta R.T. 0.03 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Instrument :

BNA_F

ClientSampleId :

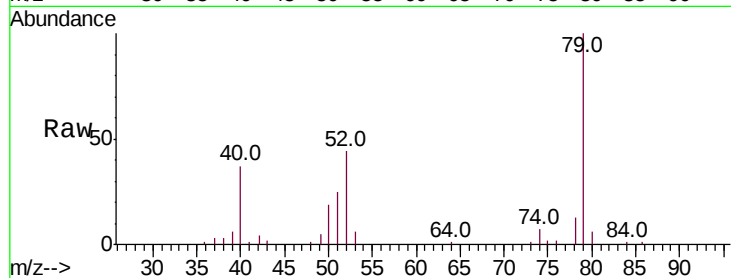
Tot Ion: 79 Resp: 216864

Ion Ratio Lower Upper

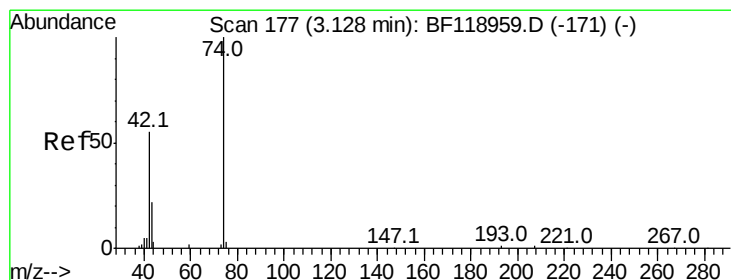
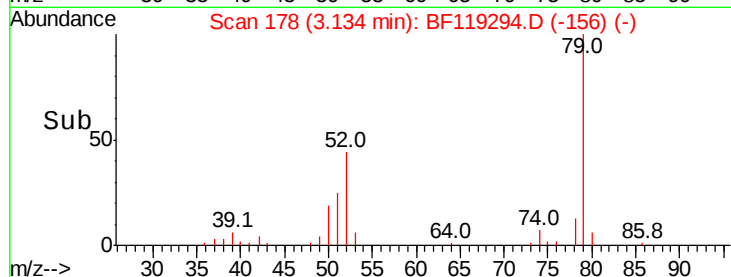
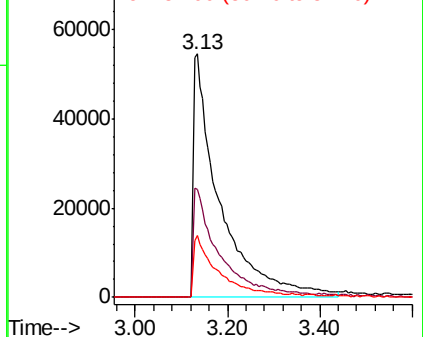
79 100

52 44.4 37.4 56.0

51 25.5 19.8 29.6



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 45.560 ng

RT: 3.07 min Scan# 167

Delta R.T. 0.01 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

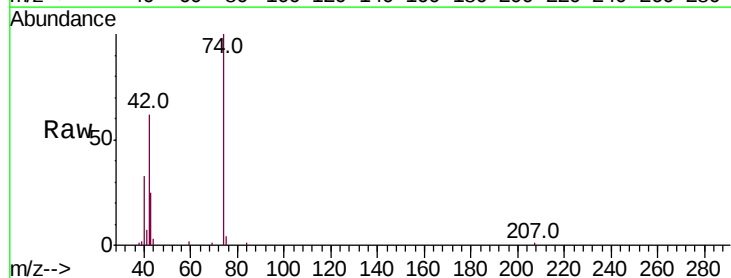
Tgt Ion: 42 Resp: 87590

Ion Ratio Lower Upper

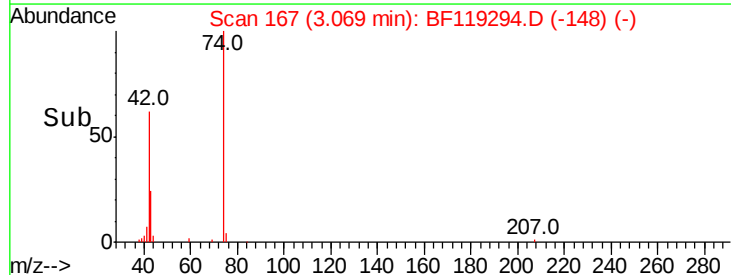
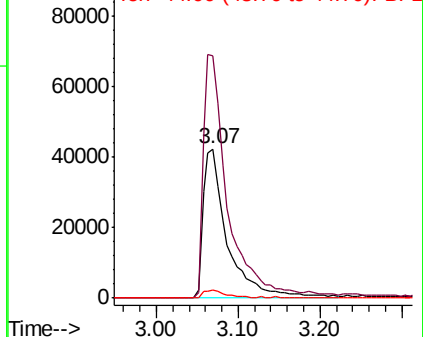
42 100

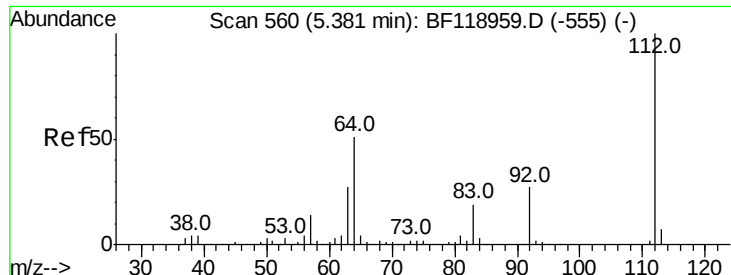
74 162.1 137.7 206.5

44 5.3 4.5 6.7



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 116.096 ng

RT: 5.35 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Instrument :

BNA_F

ClientSampled :

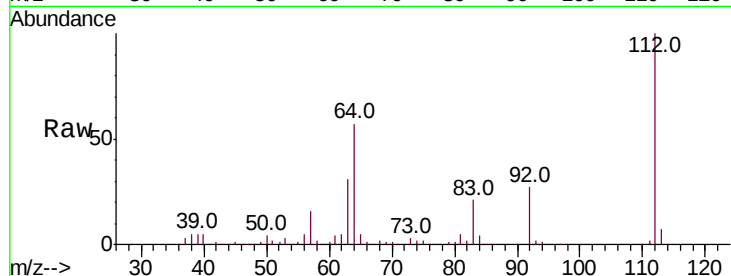
Tot Ion:112 Resp: 605950

Ion Ratio Lower Upper

112 100

64 56.8 45.0 67.4

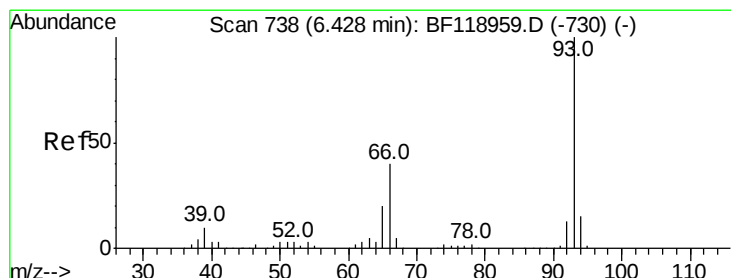
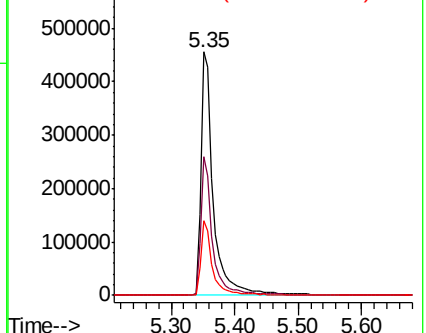
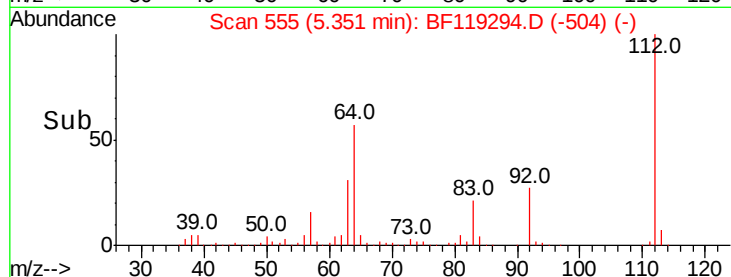
63 30.7 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.066 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

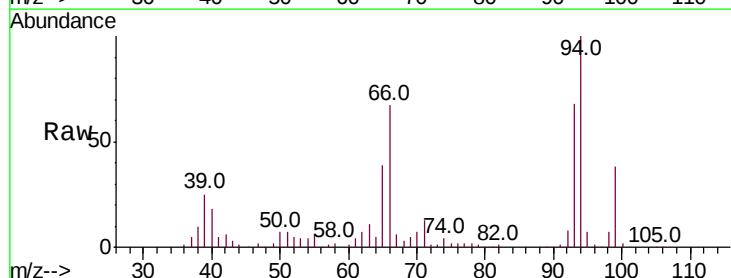
Tgt Ion: 93 Resp: 258994

Ion Ratio Lower Upper

93 100

66 98.8 74.5 111.7

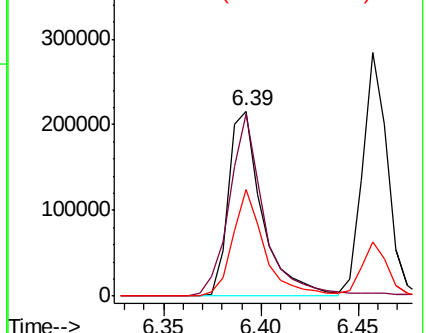
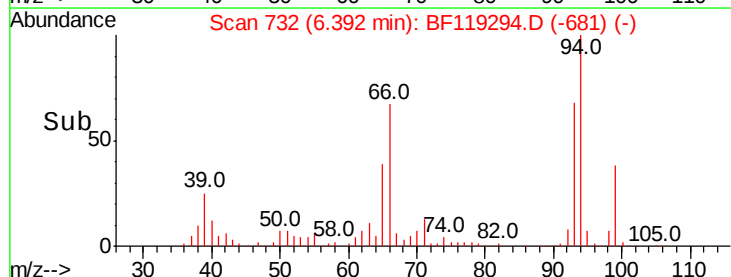
65 57.9 45.3 67.9

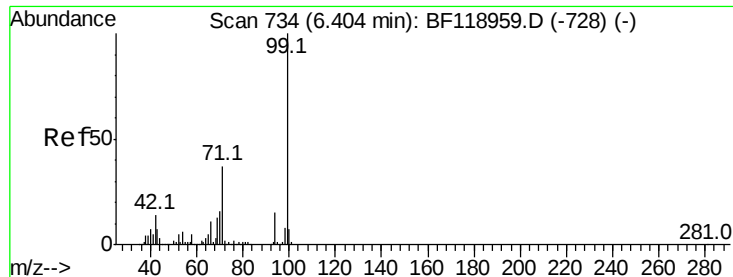


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.084 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Instrument :

BNA_F

ClientSampled :

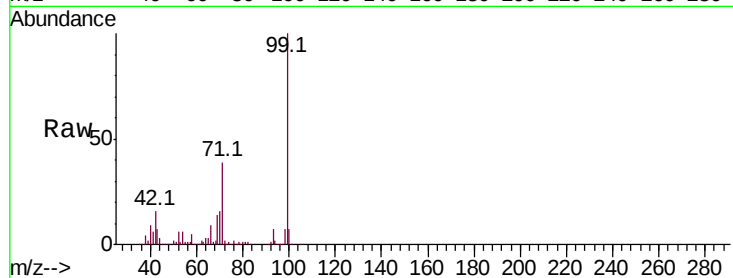
Tot Ion: 99 Resp: 724174

Ion Ratio Lower Upper

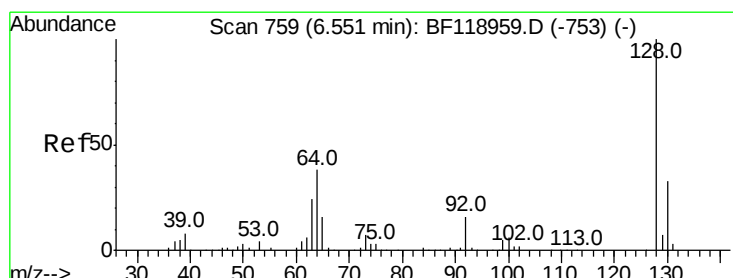
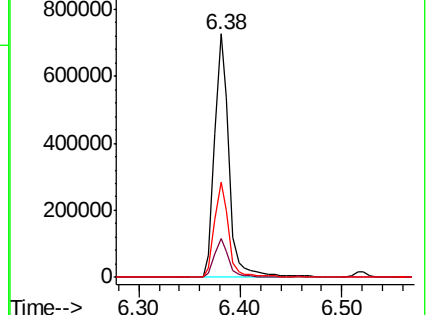
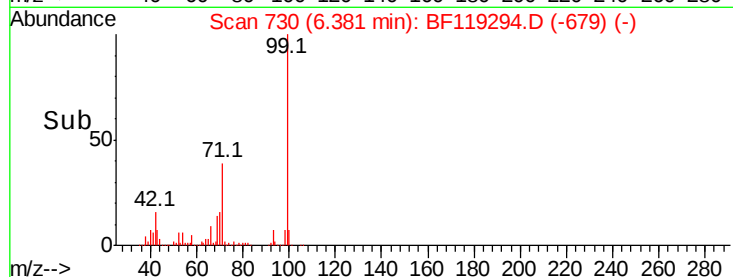
99 100

42 15.7 12.6 18.8

71 39.3 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: 50.646 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

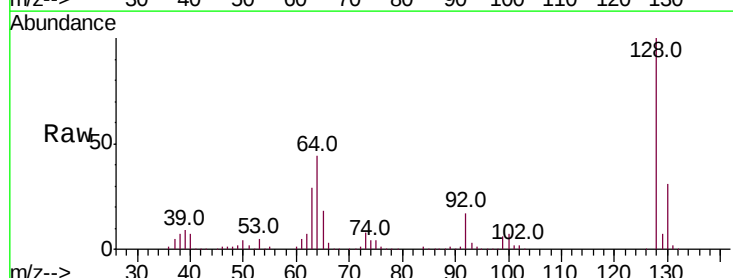
Tgt Ion: 128 Resp: 285272

Ion Ratio Lower Upper

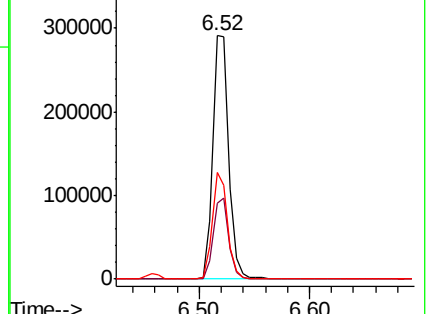
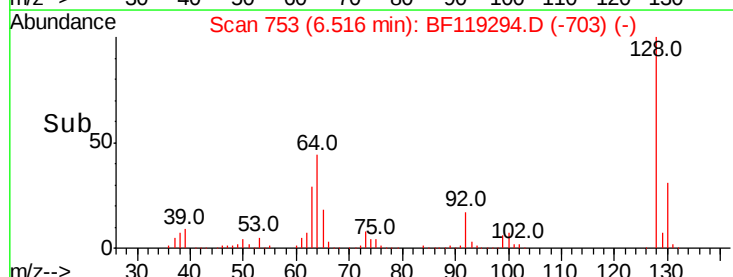
128 100

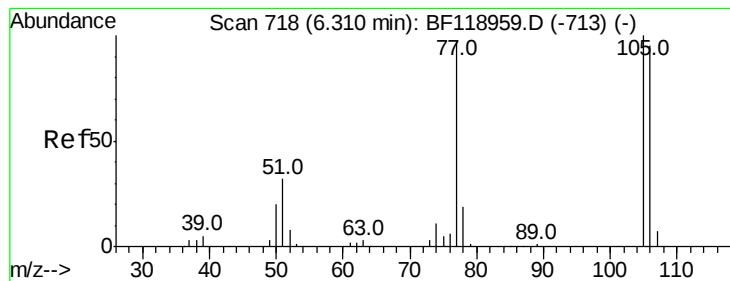
130 31.3 12.7 52.7

64 44.0 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: 45.460 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Instrument :

BNA_F

ClientSampled :

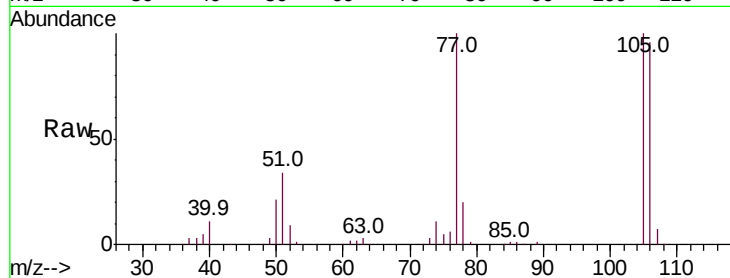
Tot Ion: 77 Resp: 192798

Ion Ratio Lower Upper

77 100

105 99.9 80.1 120.1

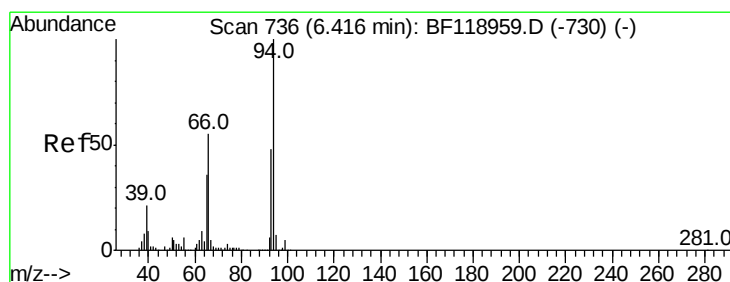
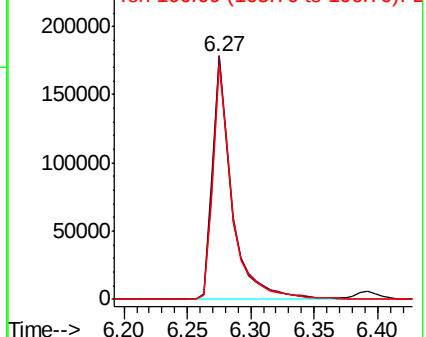
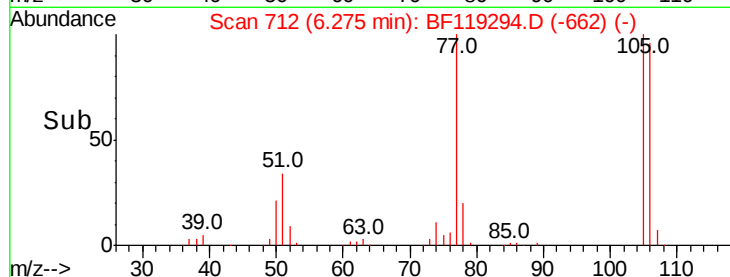
106 95.9 75.9 115.9



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: 48.478 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

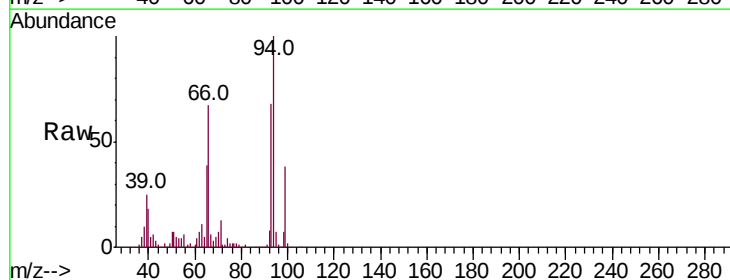
Tgt Ion: 94 Resp: 332707

Ion Ratio Lower Upper

94 100

65 39.5 19.2 59.2

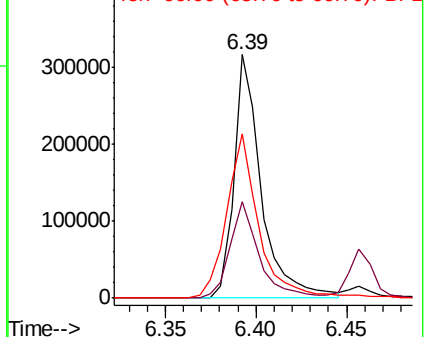
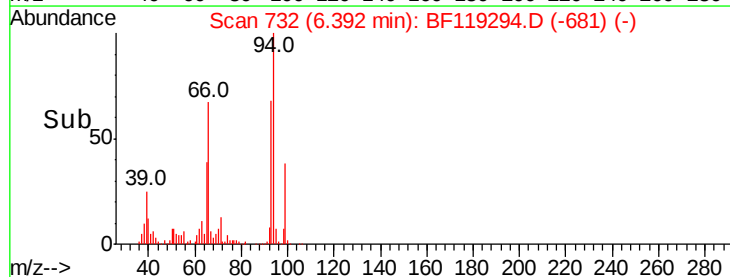
66 67.3 44.4 84.4

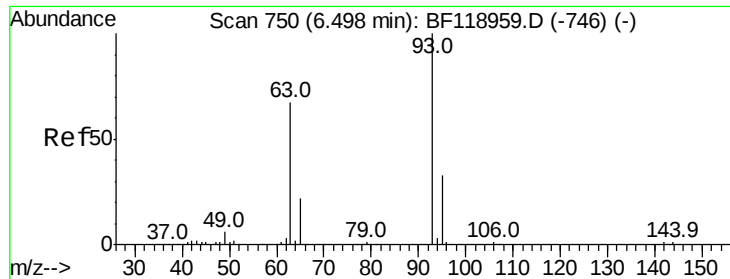


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

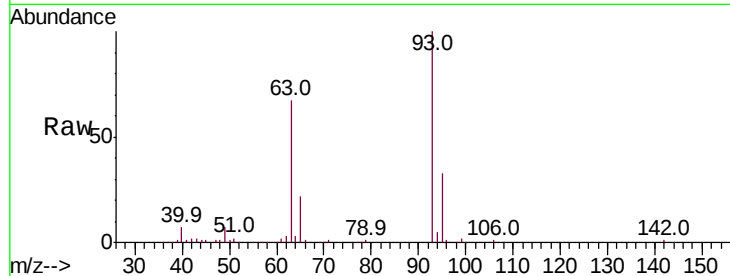




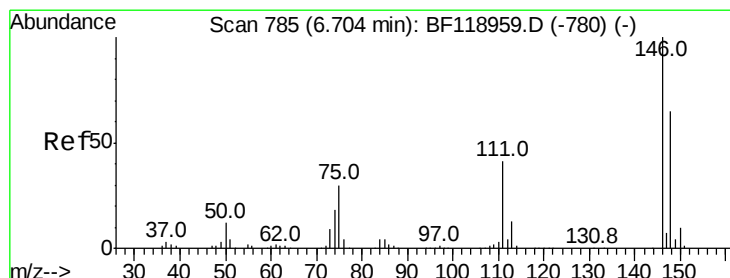
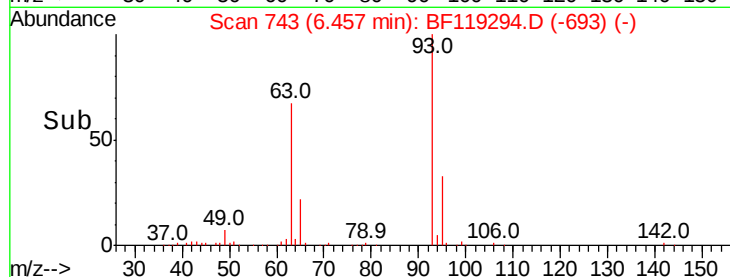
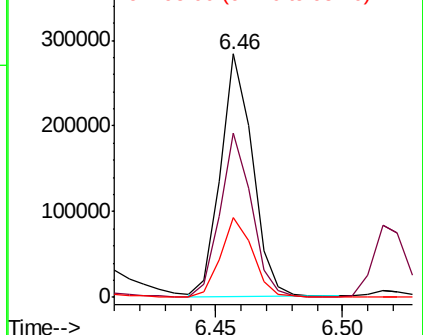
#11
bis(2-Chloroethyl)ether
Concen: 47.390 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 248856
Ion Ratio Lower Upper
93 100
63 67.2 45.4 85.4
95 32.8 13.5 53.5

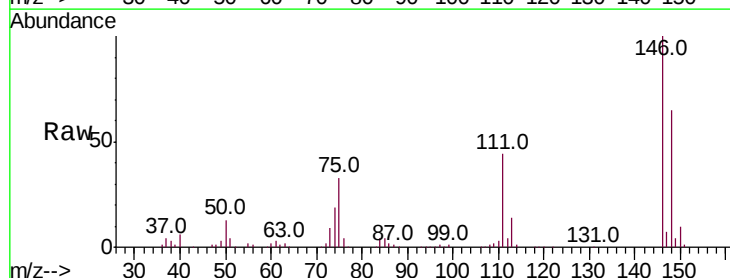


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

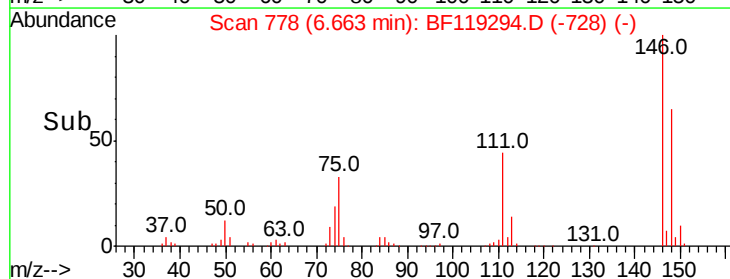
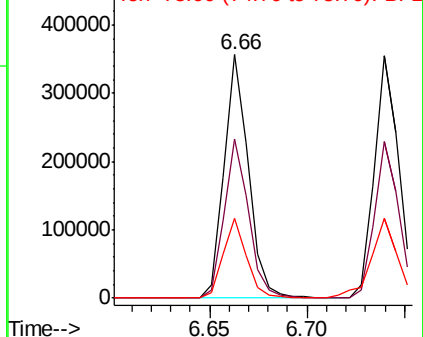


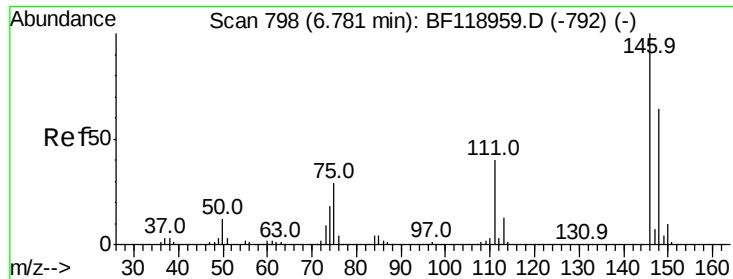
#12
1,3-Dichlorobenzene
Concen: 45.599 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion:146 Resp: 307842
Ion Ratio Lower Upper
146 100
148 65.5 52.5 78.7
75 32.7 23.6 35.4



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

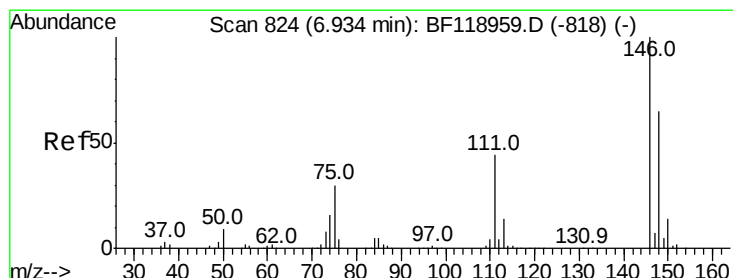
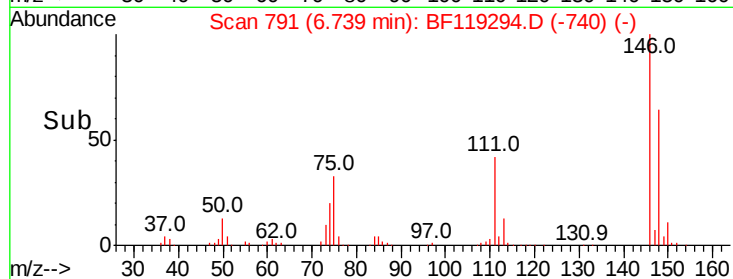
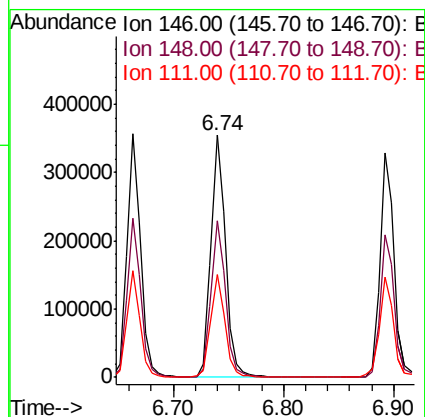
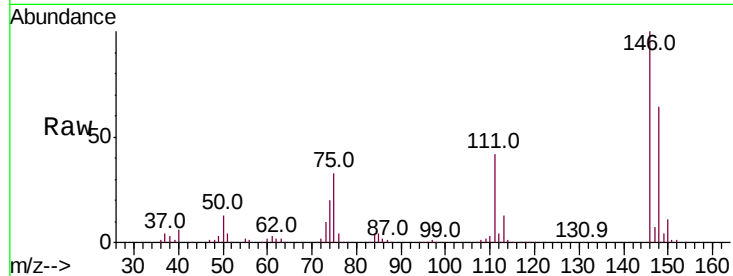




#13
 1,4-Dichlorobenzene
 Concen: 46.789 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

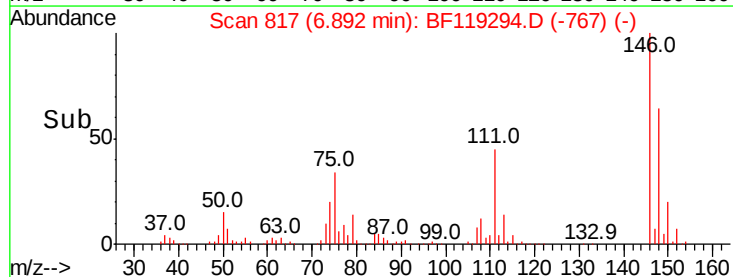
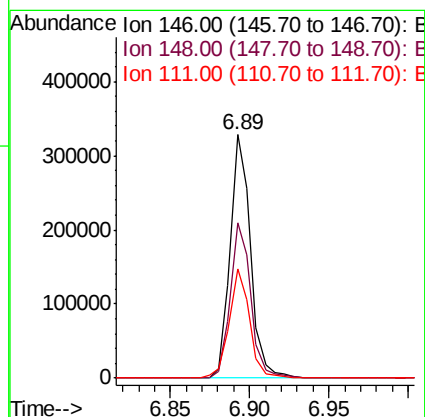
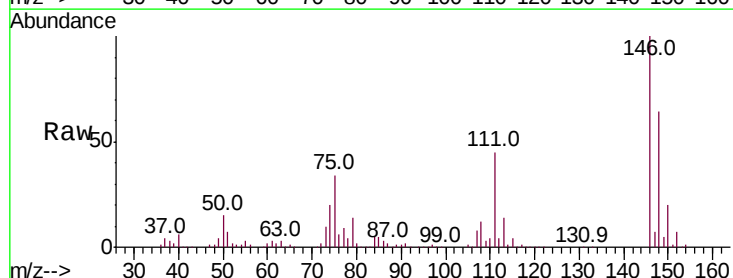
Instrument :
 BNA_F
 ClientSampleId :

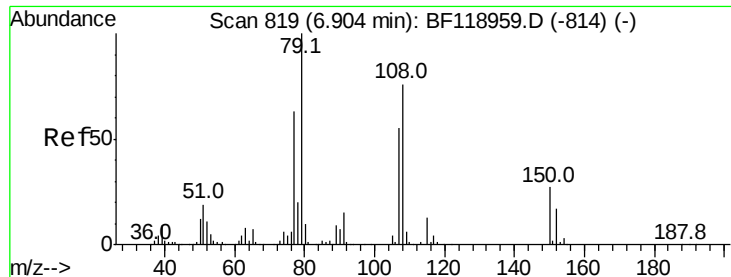
Tot Ion:146 Resp: 316095
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.1 76.7
 111 42.4 34.8 52.2



#14
 1,2-Dichlorobenzene
 Concen: 47.340 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Tgt Ion:146 Resp: 291675
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.9 77.9
 111 44.8 36.2 54.2





#15

Benzyl Alcohol

Concen: 50.499 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Instrument :

BNA_F

ClientSampleId :

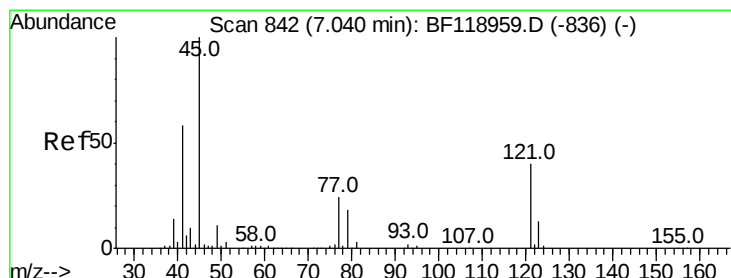
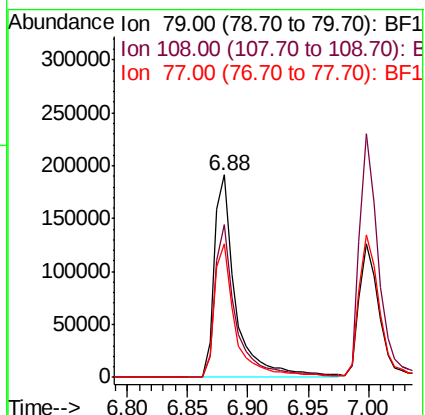
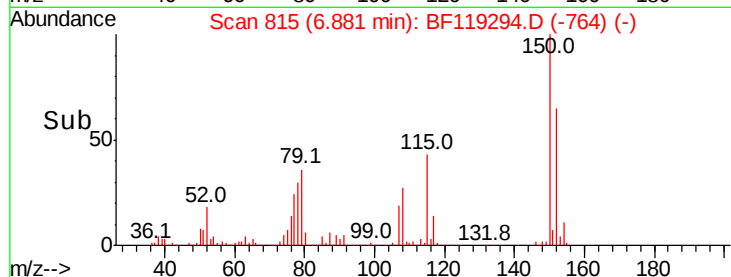
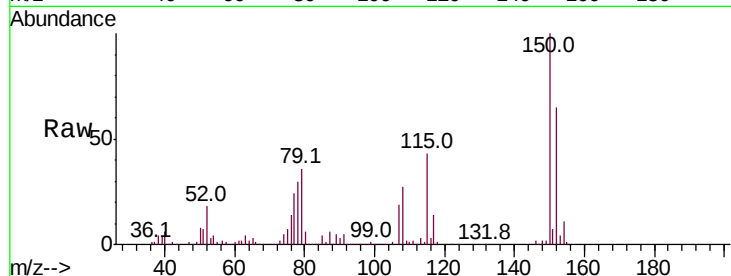
Tot Ion: 79 Resp: 231673

Ion Ratio Lower Upper

79 100

108 75.8 58.2 87.2

77 65.8 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.329 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

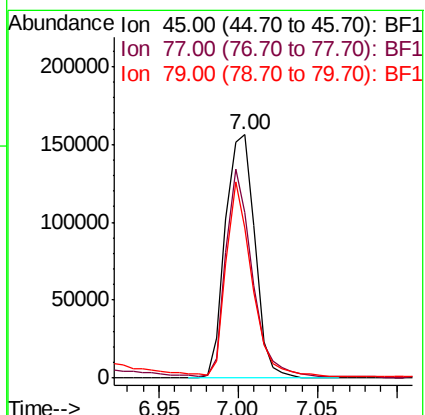
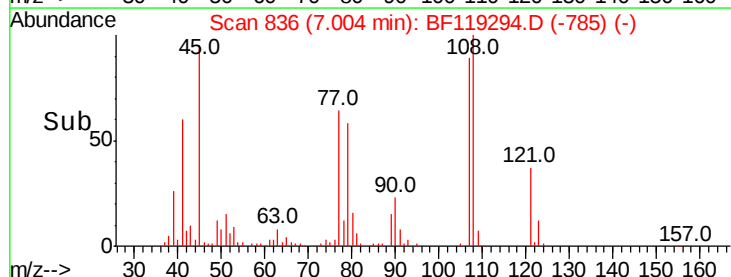
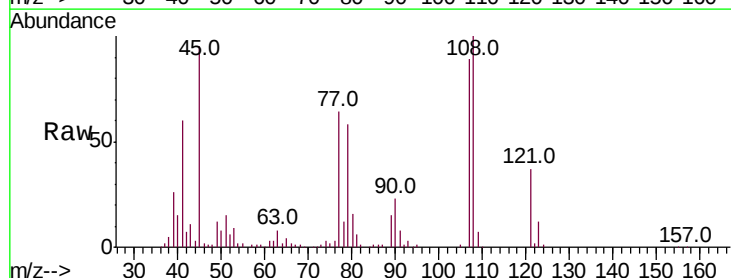
Tgt Ion: 45 Resp: 201646

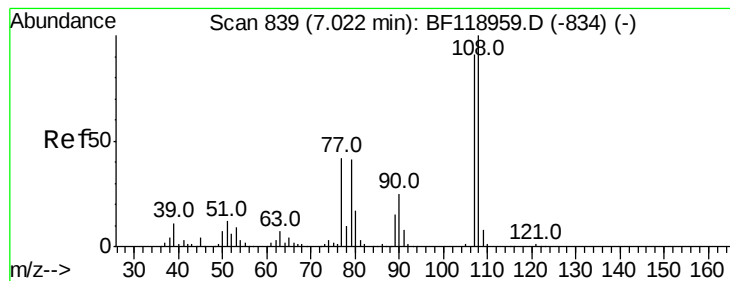
Ion Ratio Lower Upper

45 100

77 67.8 15.0 55.0#

79 61.6 9.4 49.4#





#17

2-Methylphenol

Concen: 48.632 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 222090

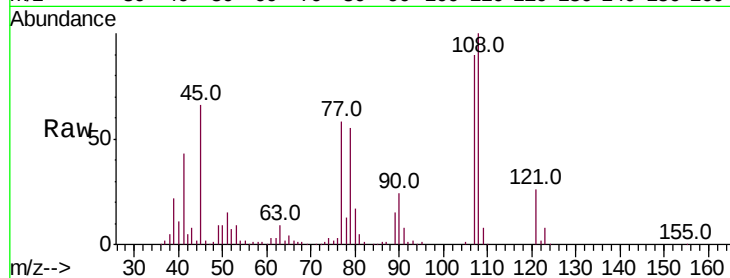
Ion Ratio Lower Upper

107 100

108 111.2 87.9 131.9

77 64.9 45.3 67.9

79 60.8 43.0 64.4

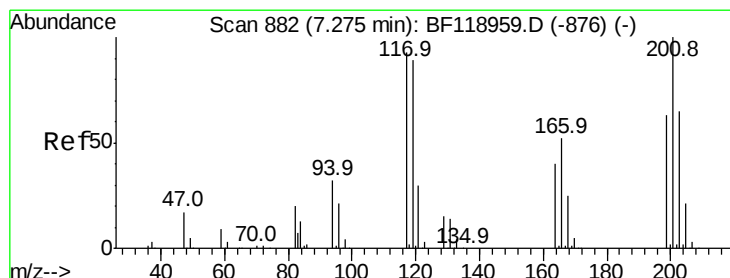
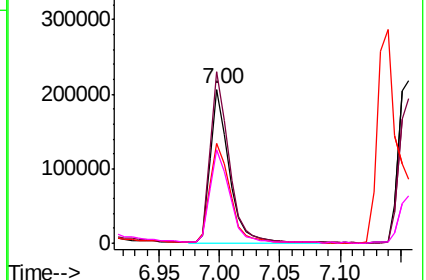
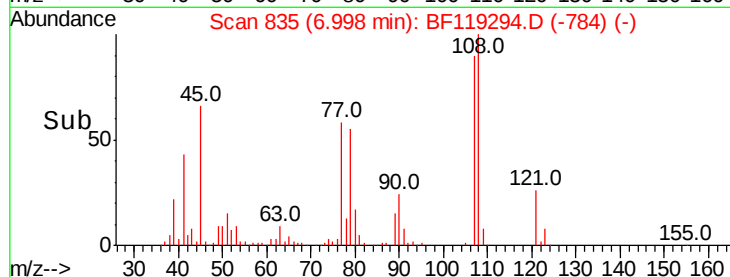


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 45.745 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

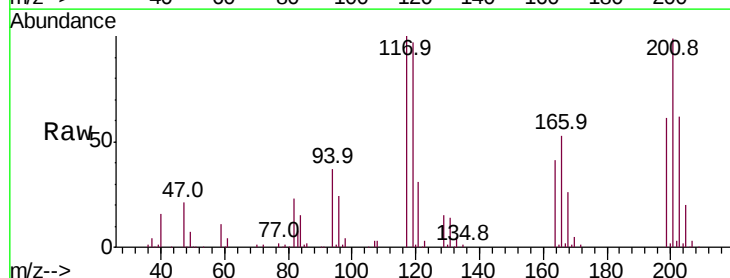
Tgt Ion:117 Resp: 110566

Ion Ratio Lower Upper

117 100

119 97.0 77.5 116.3

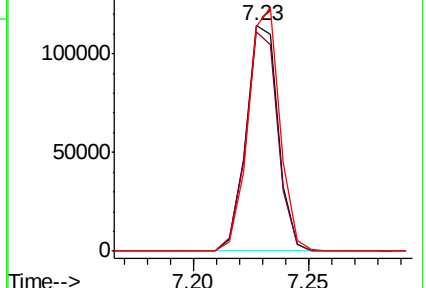
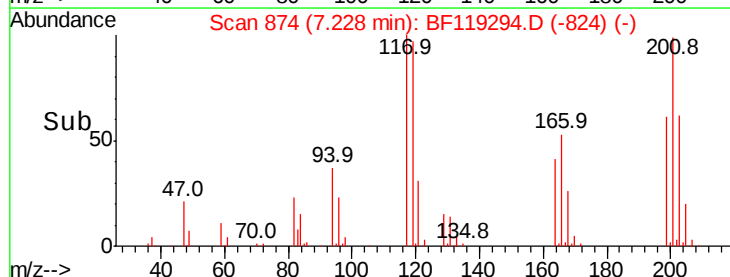
201 99.4 82.6 123.8

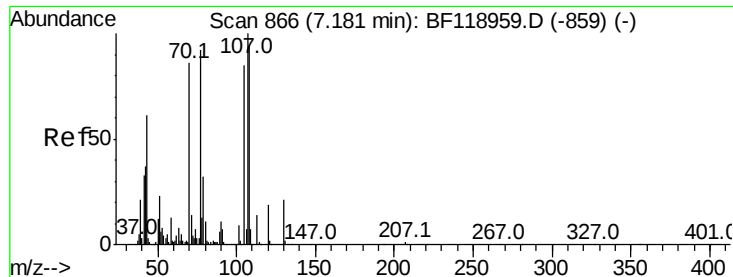


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

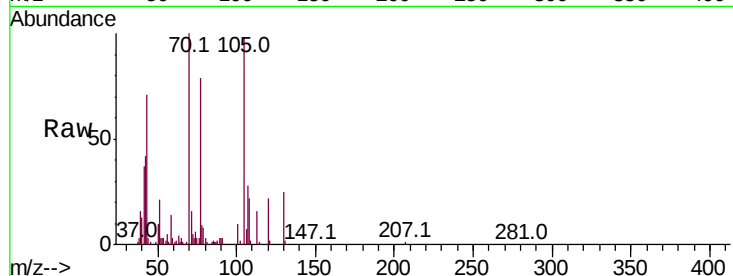




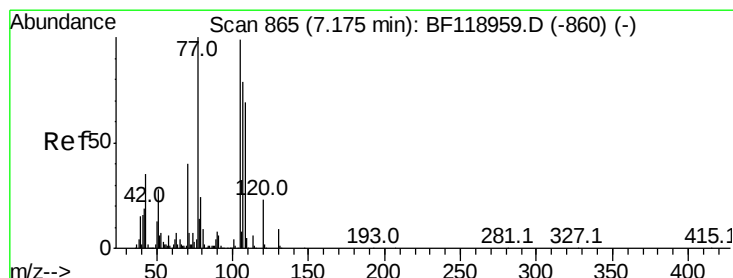
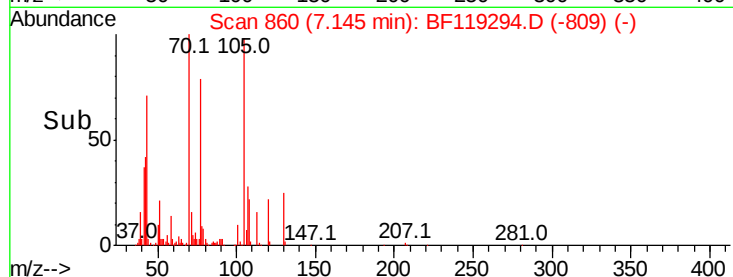
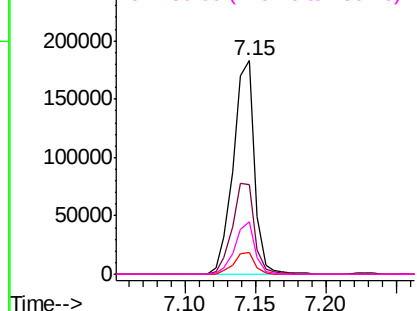
#19
n-Nitroso-di-n-propylamine
Concen: 52.081 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	192639
Ion	Ratio	Lower	Upper
70	100		
42	42.2	38.0	57.0
101	10.3	8.2	12.4
130	24.5	18.2	27.4

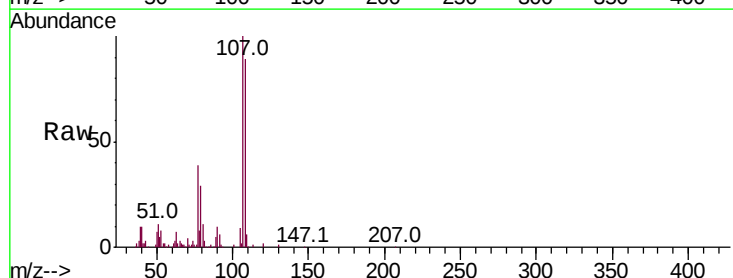


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

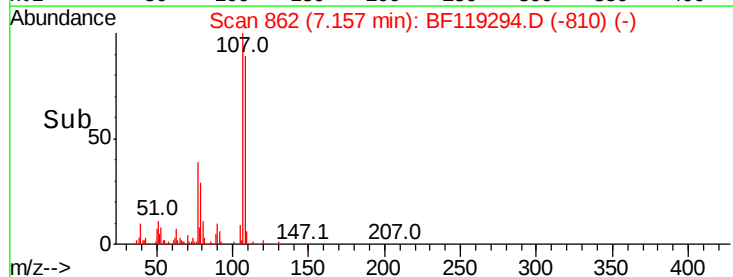
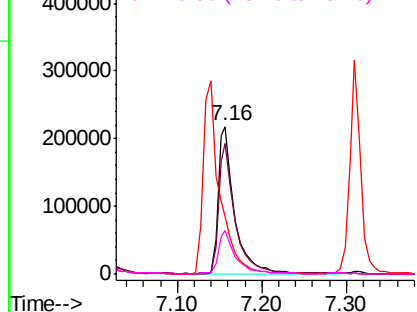


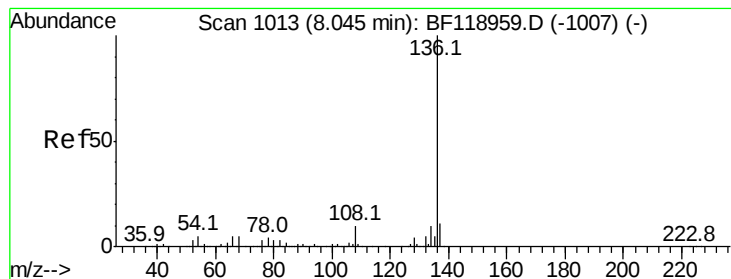
#20
3+4-Methylphenols
Concen: 53.619 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion:	107	Resp:	299994
Ion	Ratio	Lower	Upper
107	100		
108	88.7	71.5	111.5
77	39.3	45.9	85.9#
79	29.1	13.8	53.8



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 340009

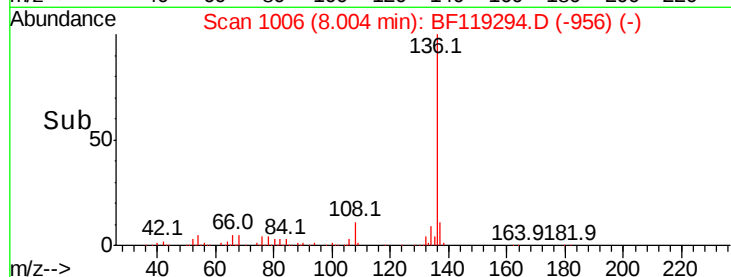
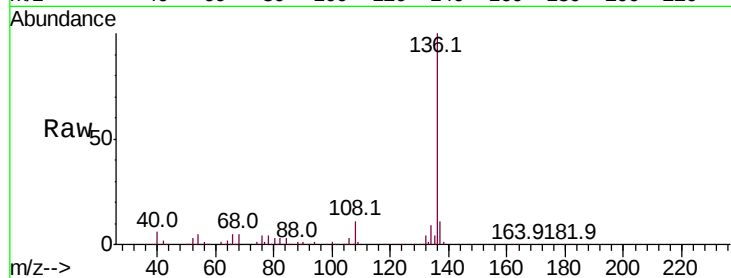
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 5.2 3.8 5.6

68 5.5 3.9 5.9

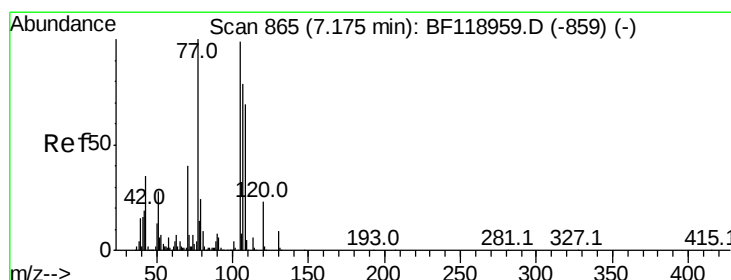
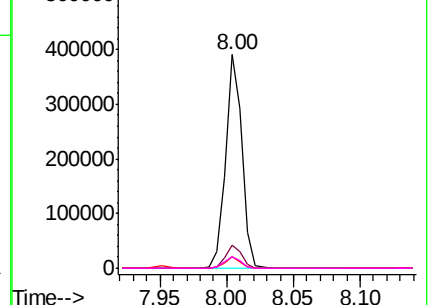


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.396 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Tgt Ion:105 Resp: 380727

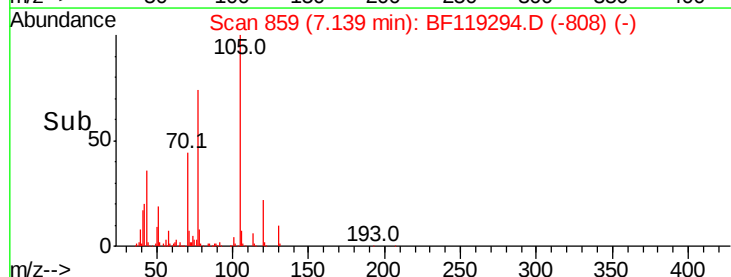
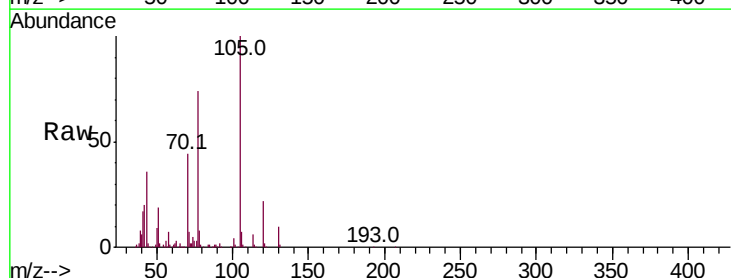
Ion Ratio Lower Upper

105 100

71 7.3 3.0 4.4#

51 19.3 20.1 30.1#

120 21.8 18.0 27.0

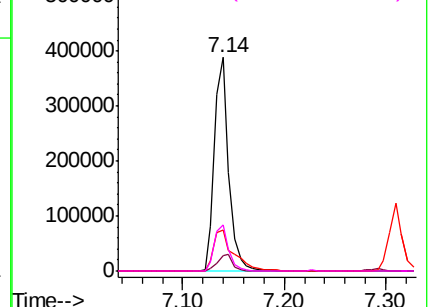


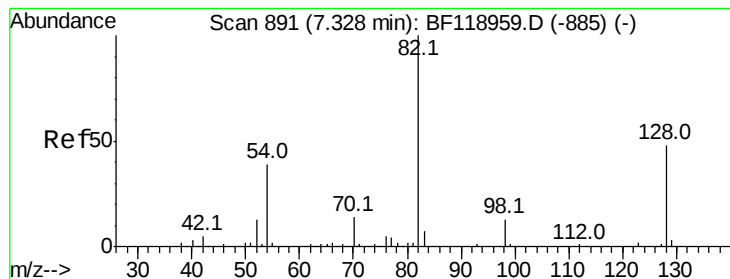
Abundance Ion 105.00 (104.70 to 105.70): E

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: 74.985 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Instrument :

BNA_F

ClientSampleId :

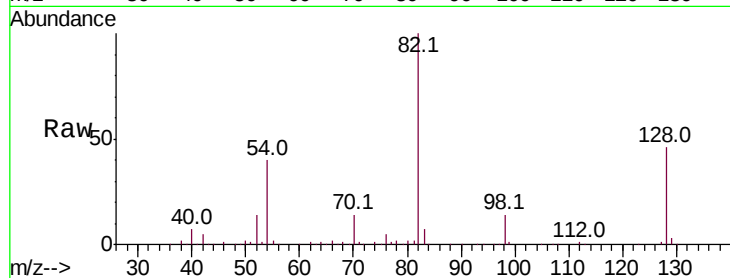
Tot Ion: 82 Resp: 482871

Ion Ratio Lower Upper

82 100

128 46.3 37.9 56.9

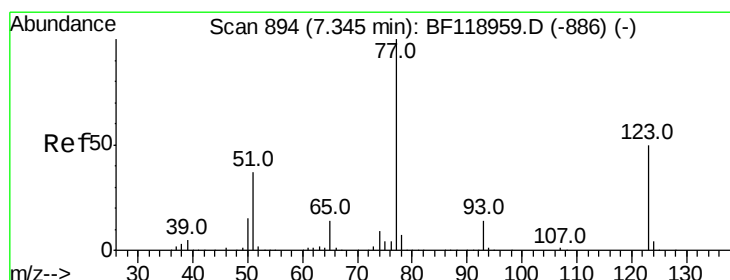
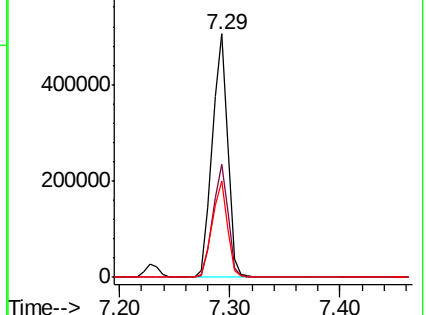
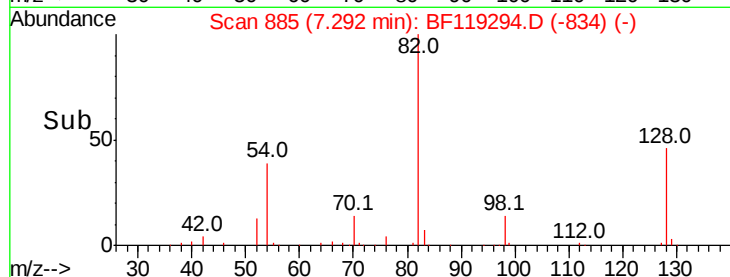
54 39.6 33.4 50.2



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: 45.740 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

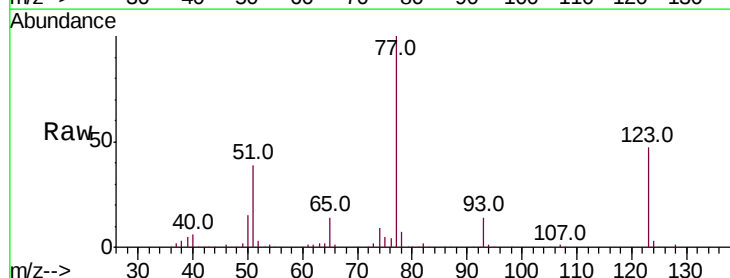
Tgt Ion: 77 Resp: 291274

Ion Ratio Lower Upper

77 100

123 47.4 40.2 60.2

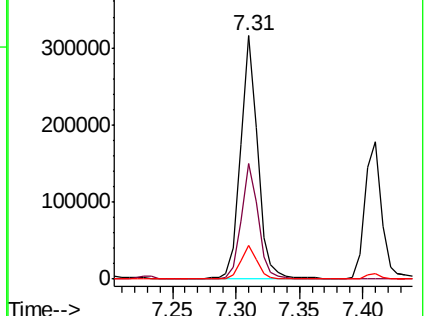
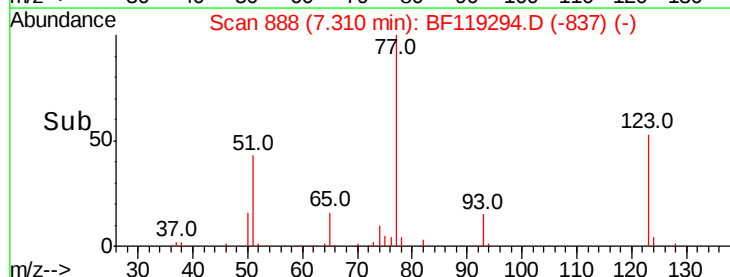
65 13.9 10.8 16.2

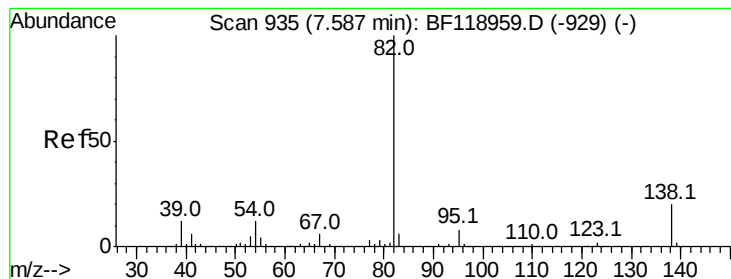


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 46.715 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Instrument :

BNA_F

ClientSampleId :

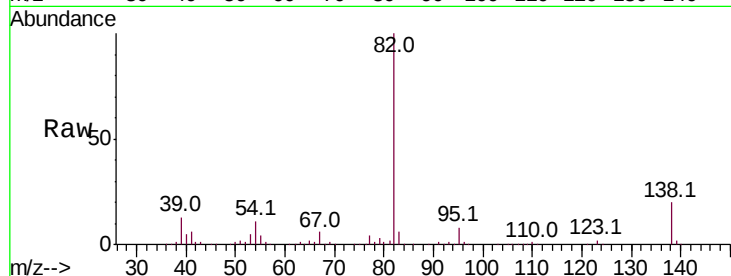
Tot Ion: 82 Resp: 522437

Ion Ratio Lower Upper

82 100

95 8.0 6.4 9.6

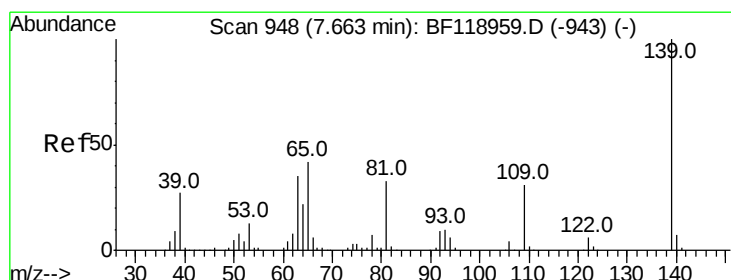
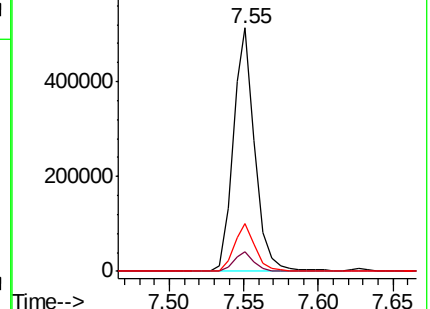
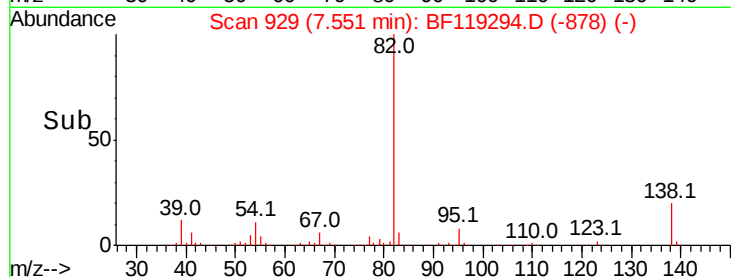
138 19.6 15.7 23.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 45.623 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

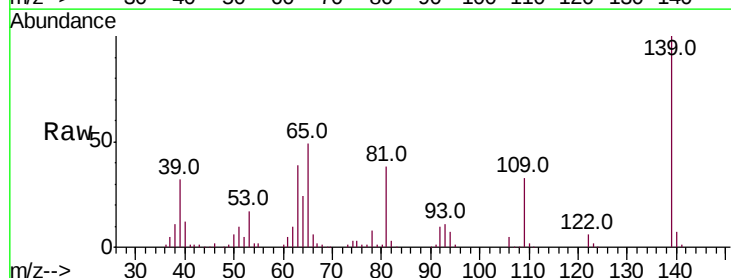
Tgt Ion:139 Resp: 153938

Ion Ratio Lower Upper

139 100

109 33.1 25.7 38.5

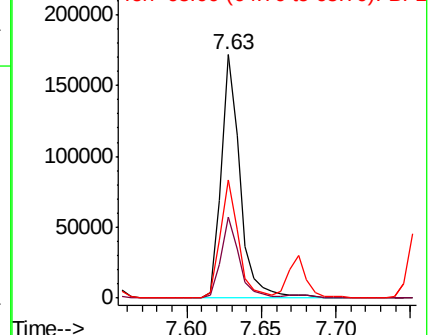
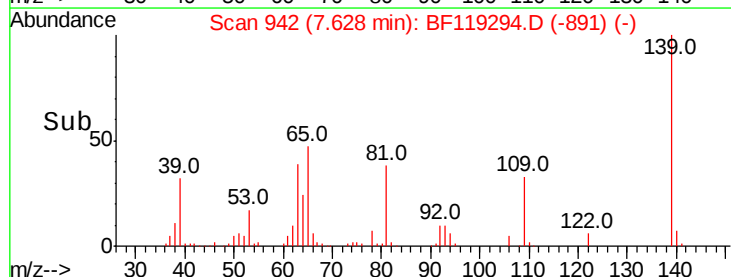
65 48.6 37.1 55.7

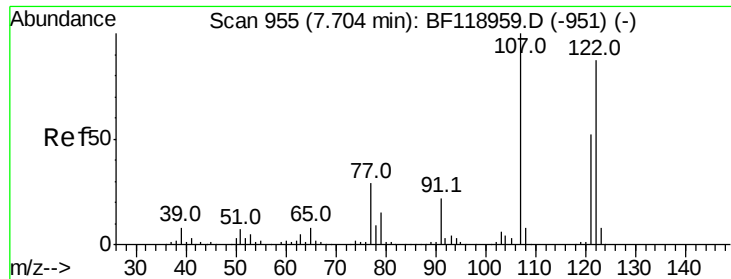


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

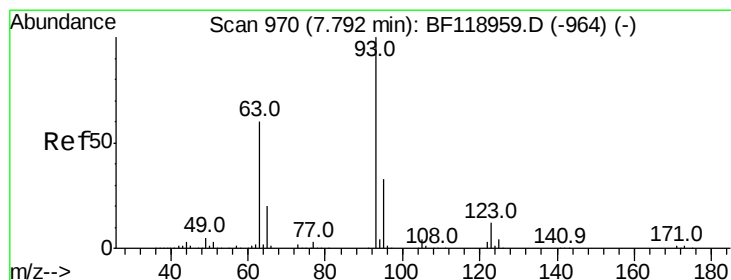
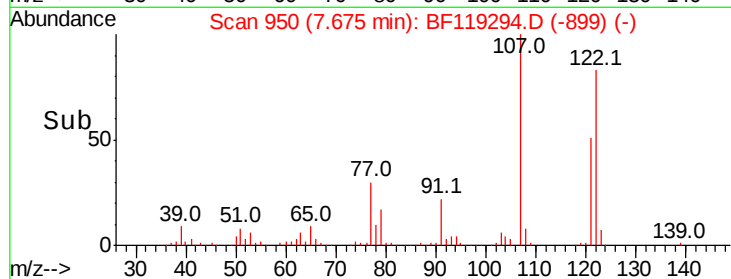
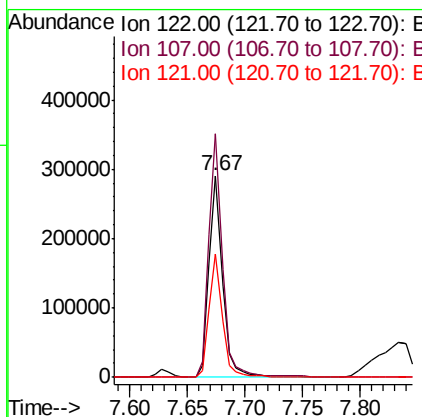
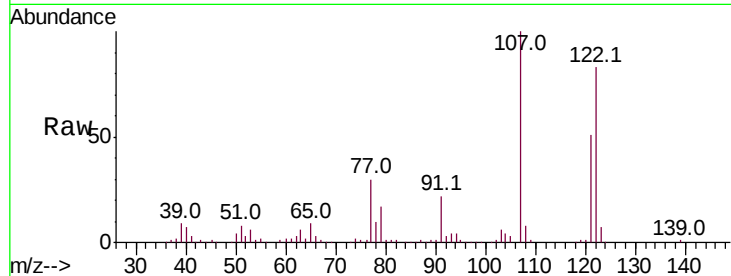




#27
2,4-Dimethylphenol
Concen: 52.174 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

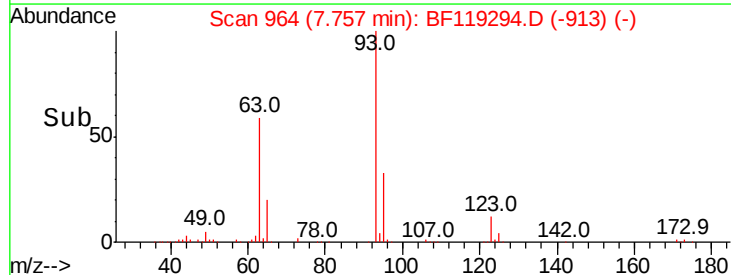
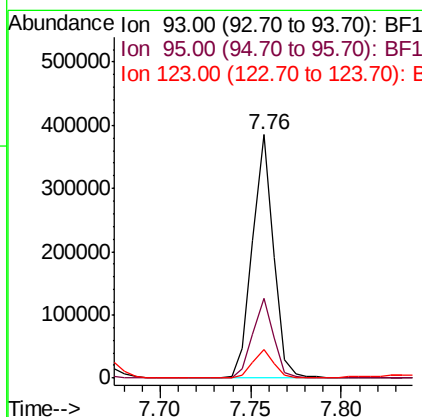
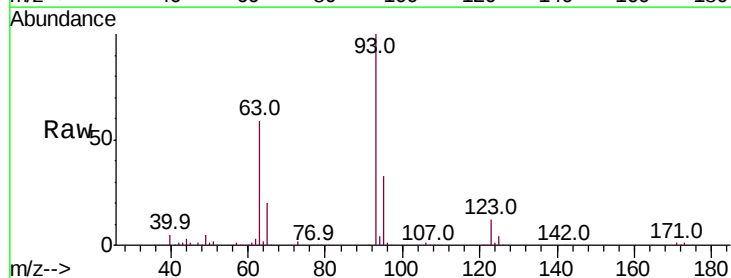
Instrument :
BNA_F
ClientSampleId :

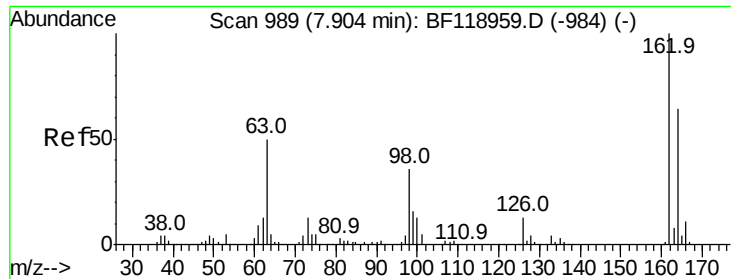
Tot Ion:122 Resp: 238921
Ion Ratio Lower Upper
122 100
107 120.8 93.8 140.6
121 61.2 48.2 72.2



#28
bis(2-Chloroethoxy)methane
Concen: 43.030 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion: 93 Resp: 313233
Ion Ratio Lower Upper
93 100
95 32.9 26.5 39.7
123 11.5 10.2 15.2

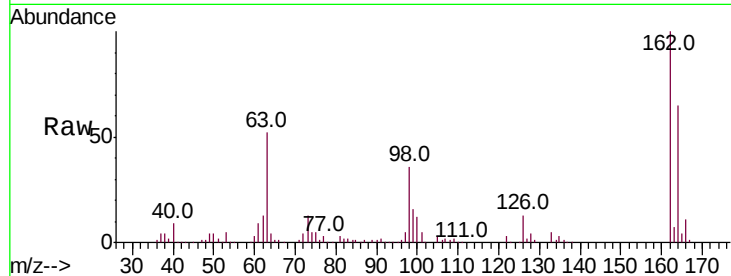




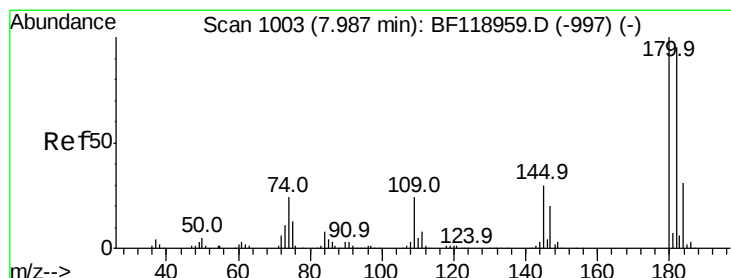
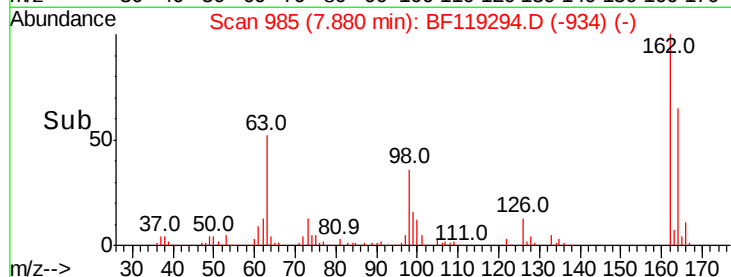
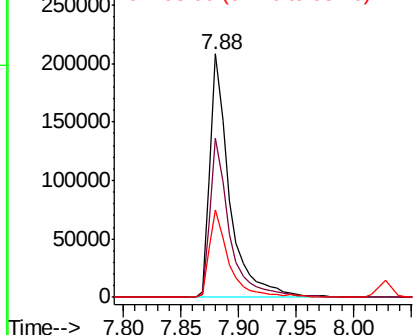
#29
 2,4-Dichlorophenol
 Concen: 45.813 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 246971
 Ion Ratio Lower Upper
 162 100
 164 65.4 45.2 85.2
 98 36.2 17.4 57.4

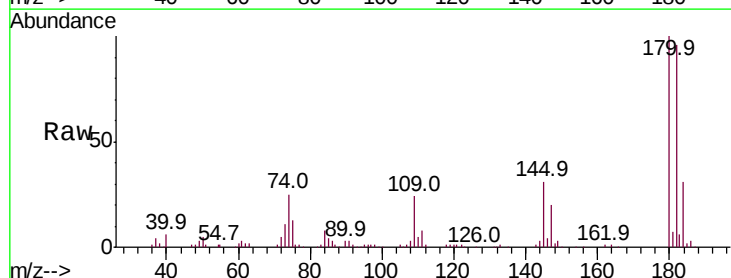


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

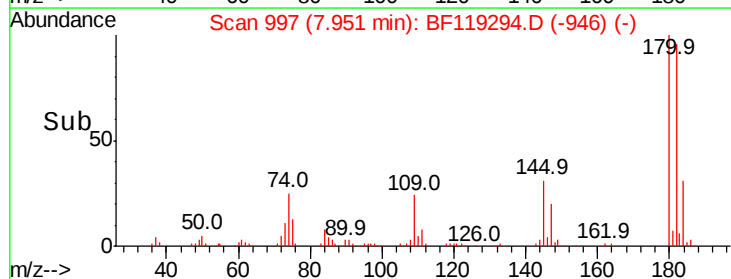
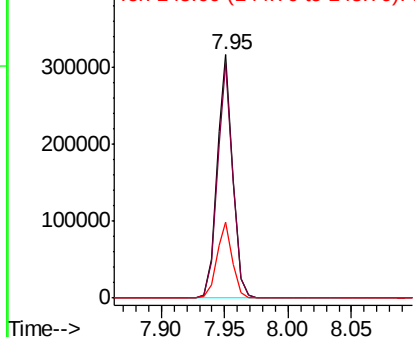


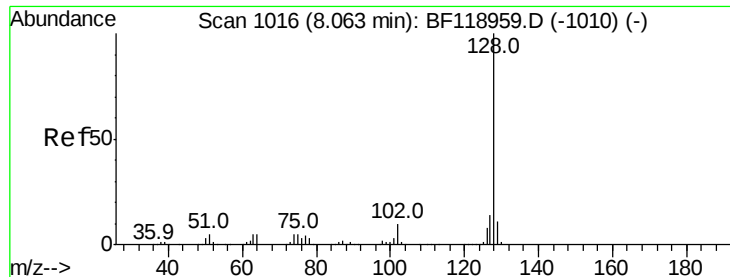
#30
 1,2,4-Trichlorobenzene
 Concen: 42.730 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.00 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Tgt Ion:180 Resp: 273119
 Ion Ratio Lower Upper
 180 100
 182 96.4 77.8 116.6
 145 31.2 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

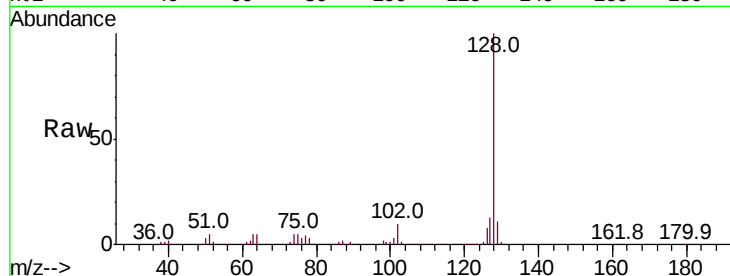




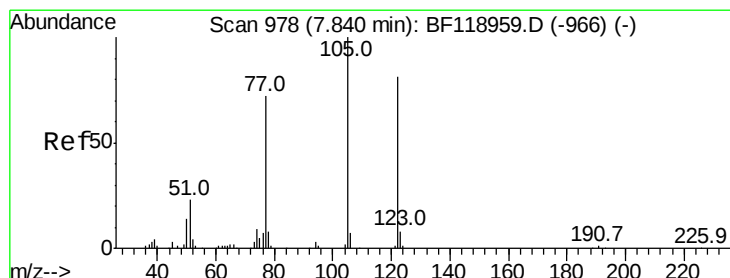
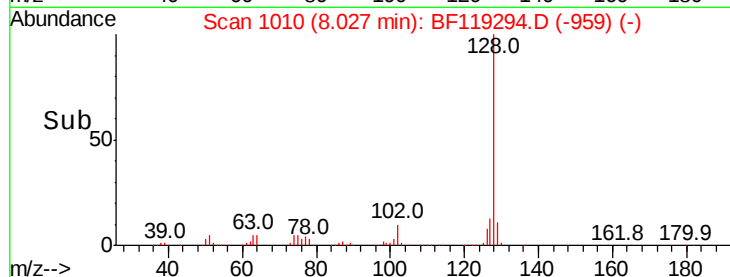
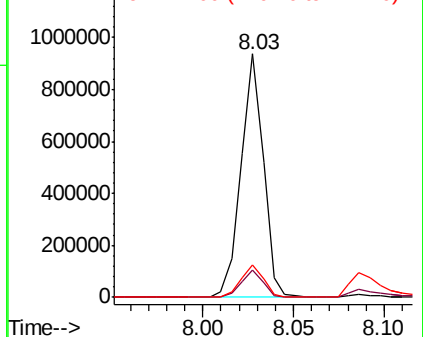
#31
Naphthalene
Concen: 45.708 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 805989
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 13.5 11.4 17.2

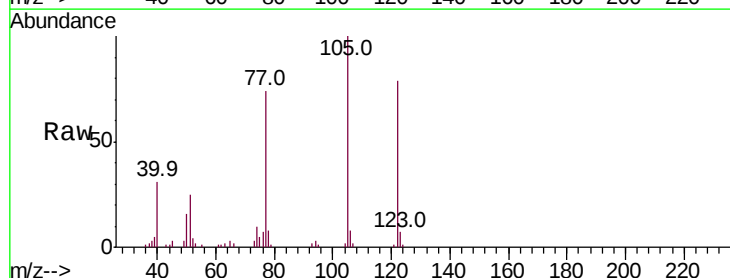


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

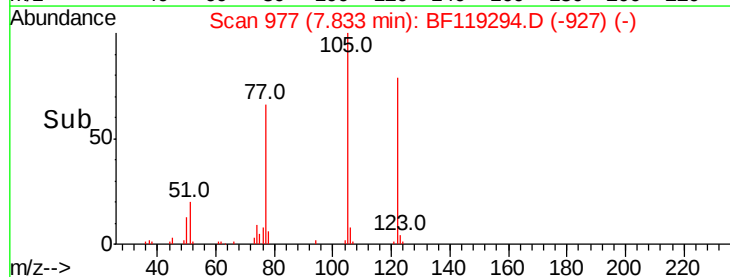
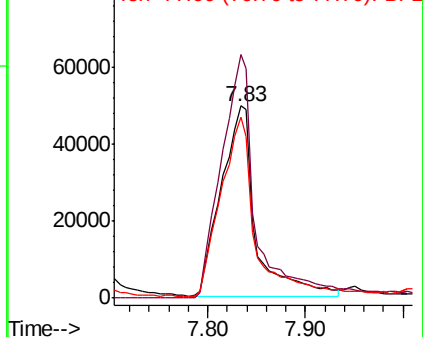


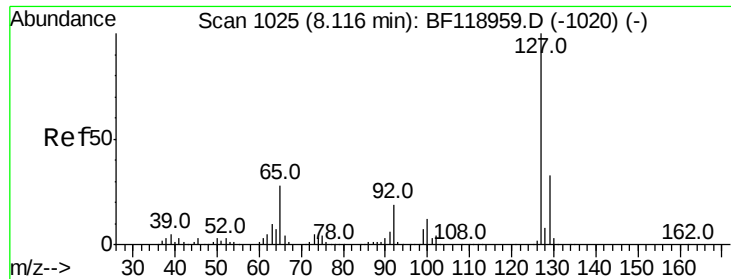
#32
Benzoic acid
Concen: 37.900 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion:122 Resp: 121180
Ion Ratio Lower Upper
122 100
105 126.7 106.3 146.3
77 94.1 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

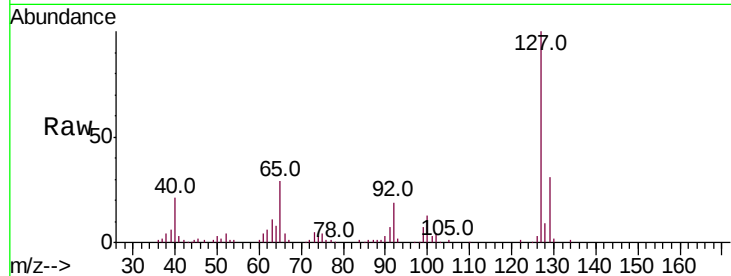




#33
4-Chloroaniline
Concen: 17.144 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	130025
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.9	38.9
65	29.0	23.9	35.9
92	19.5	16.3	24.5



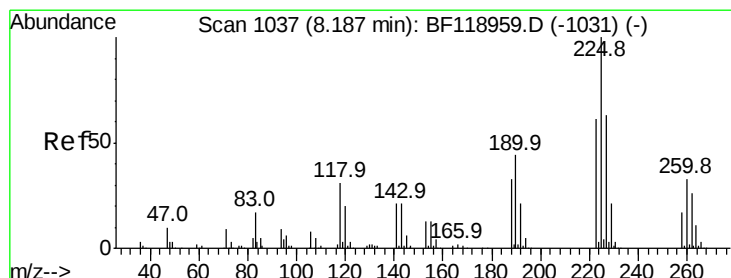
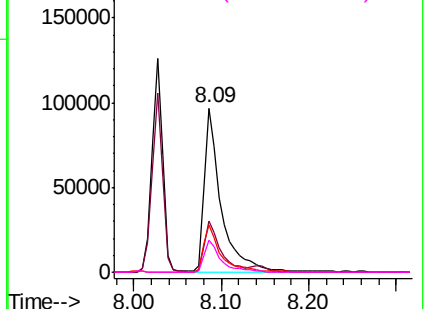
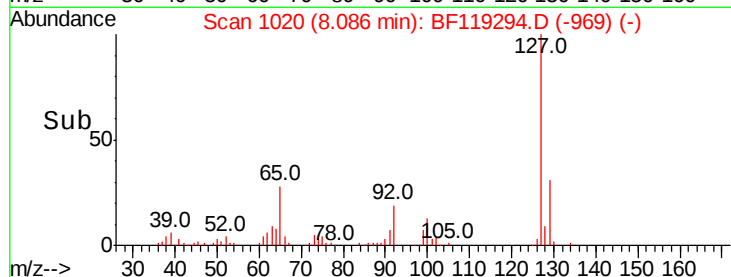
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

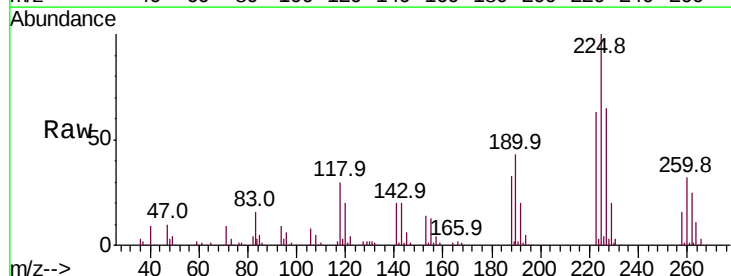
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 41.837 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion:	225	Resp:	166567
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.4	74.2
227	65.0	52.9	79.3

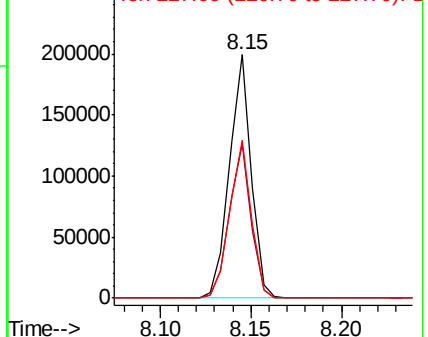
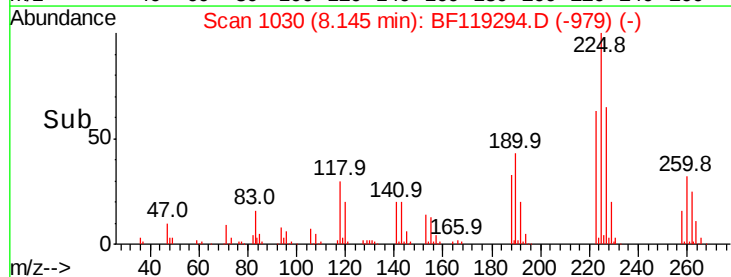


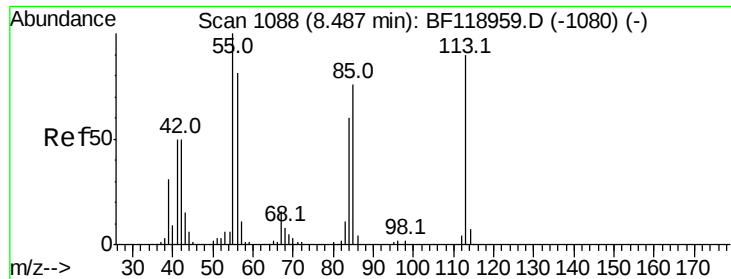
Abundance

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

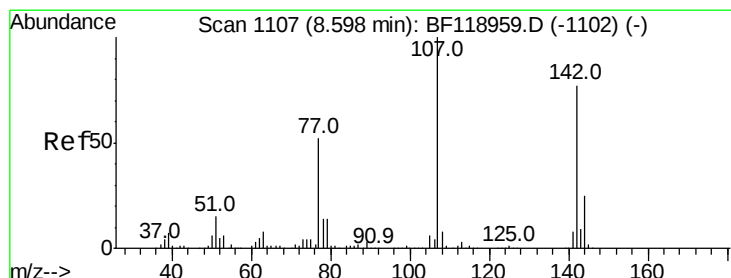
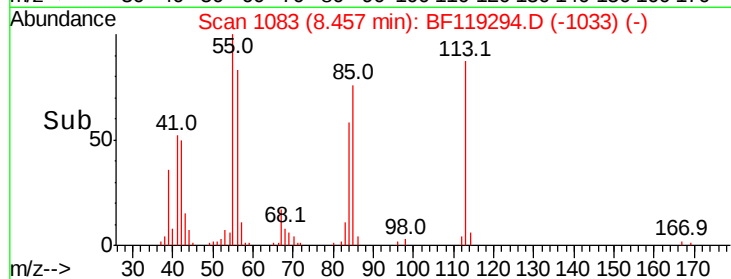
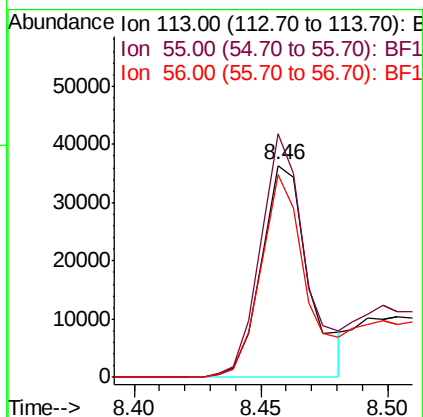
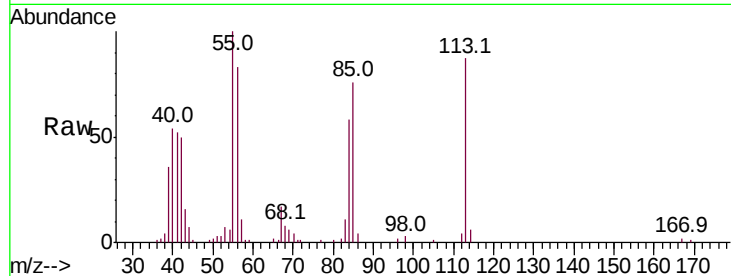




#35
 Caprolactam
 Concen: 28.417 ng
 RT: 8.46 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

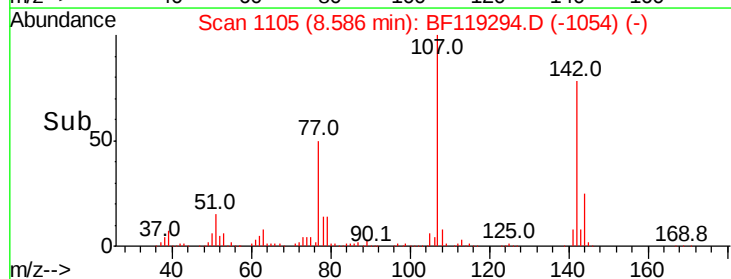
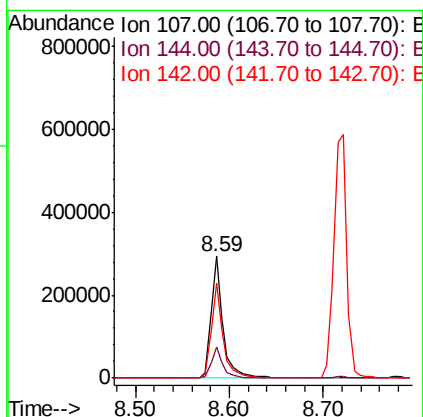
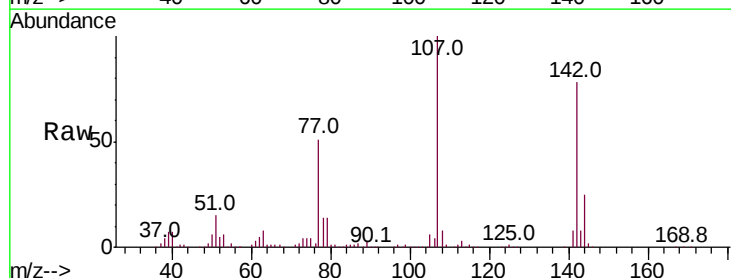
Instrument :
 BNA_F
 ClientSampleId :

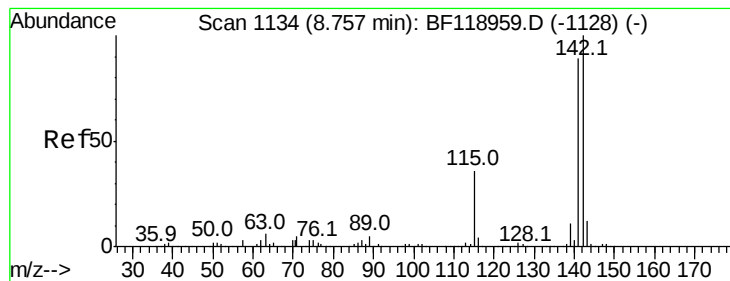
Tot Ion:113 Resp: 47170
 Ion Ratio Lower Upper
 113 100
 55 114.8 95.7 135.7
 56 95.3 73.1 113.1



#36
 4-Chloro-3-methylphenol
 Concen: 48.853 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Tgt Ion:107 Resp: 266532
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.1 30.1
 142 77.8 61.4 92.2





#37

2-Methylnaphthalene

Concen: 46.926 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Instrument :

BNA_F

ClientSampleId :

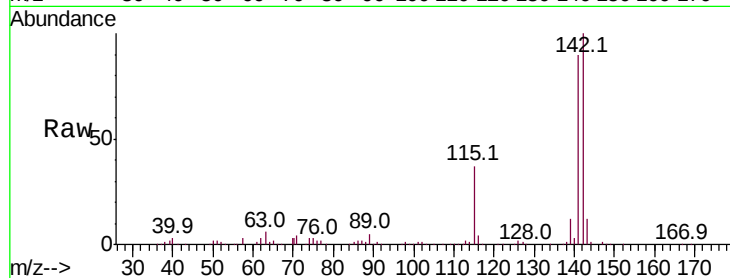
Tot Ion:142 Resp: 556864

Ion Ratio Lower Upper

142 100

141 89.6 72.3 108.5

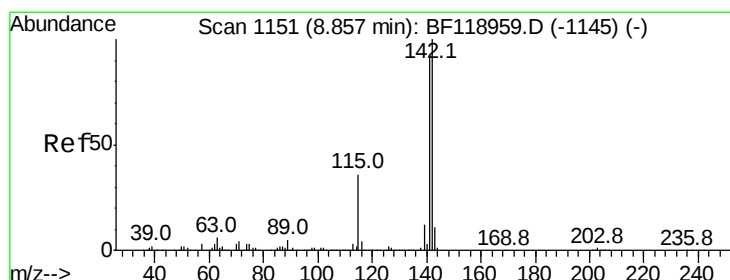
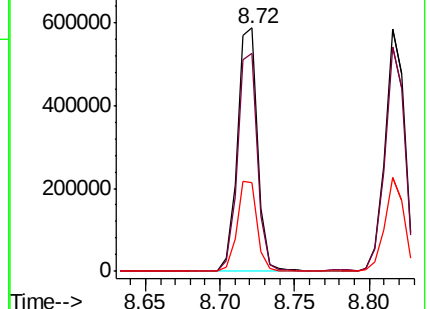
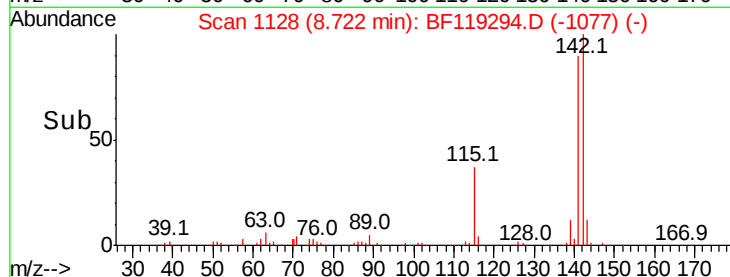
115 36.5 30.6 45.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 47.059 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

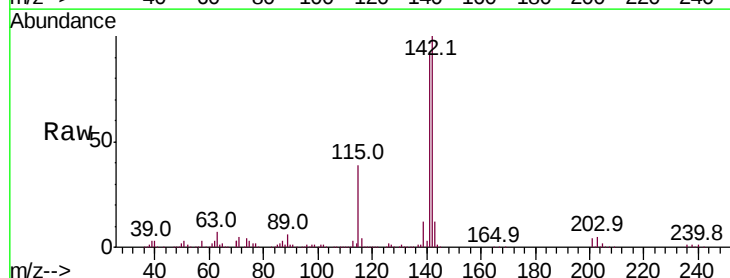
Tgt Ion:142 Resp: 525184

Ion Ratio Lower Upper

142 100

141 92.2 75.8 113.6

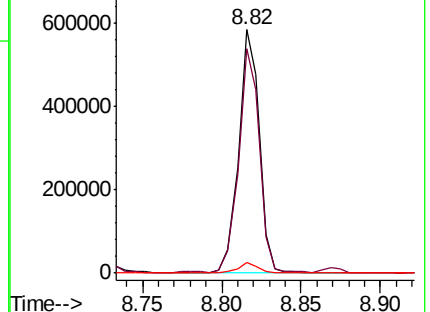
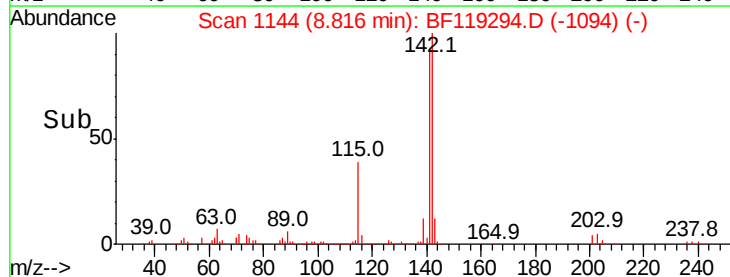
116 4.2 3.1 4.7

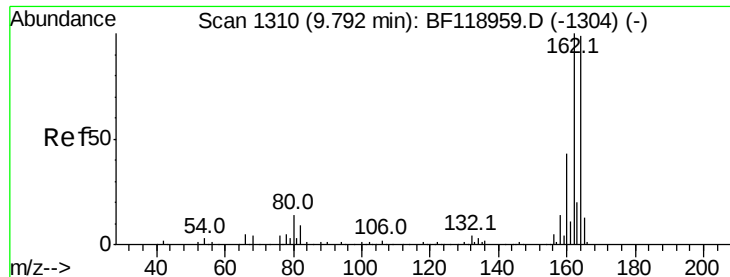


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

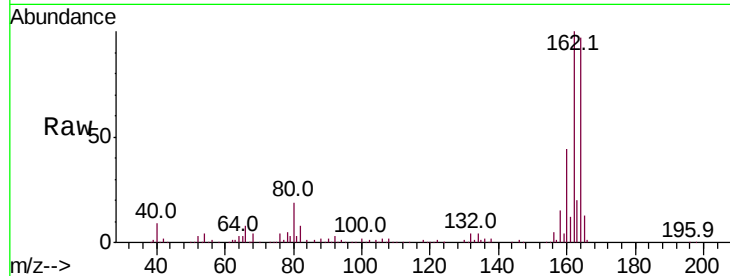




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.8	122.8
160	44.7	36.0	54.0

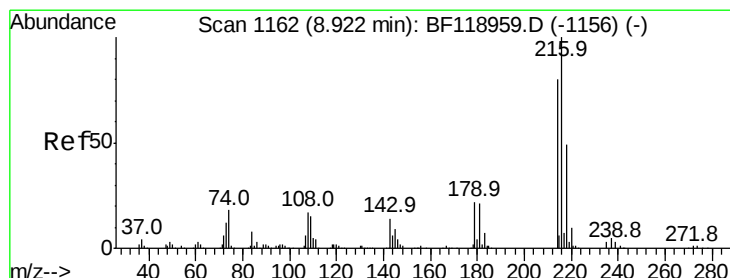
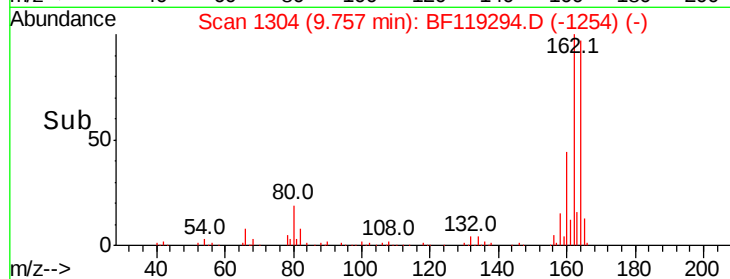
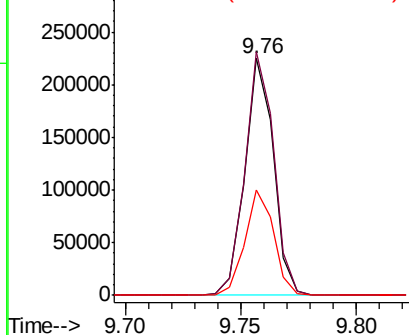


Abundance

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: 42.513 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.3	94.9
179	21.6	17.7	26.5
108	17.5	13.9	20.9

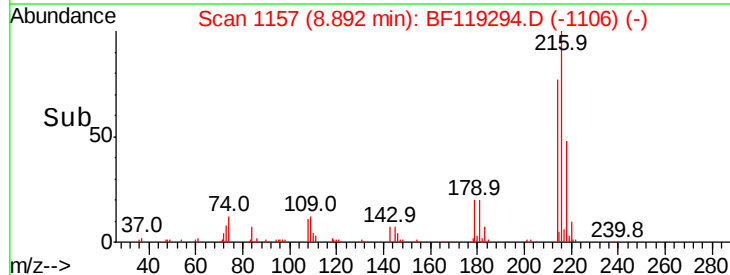
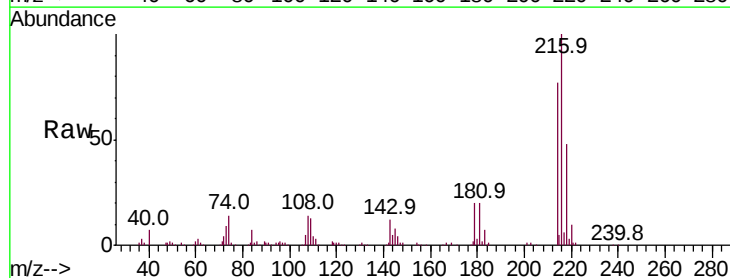
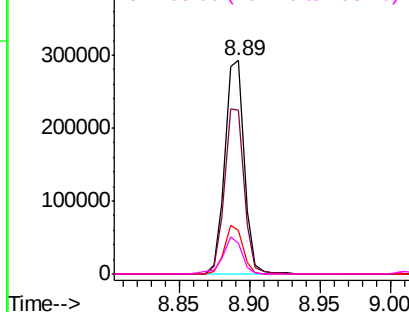
Abundance

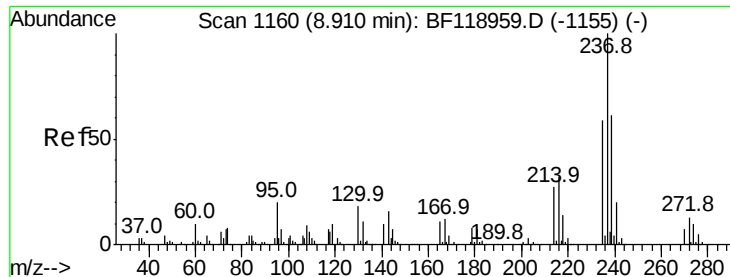
Ion 216.00 (215.70 to 216.70): E

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

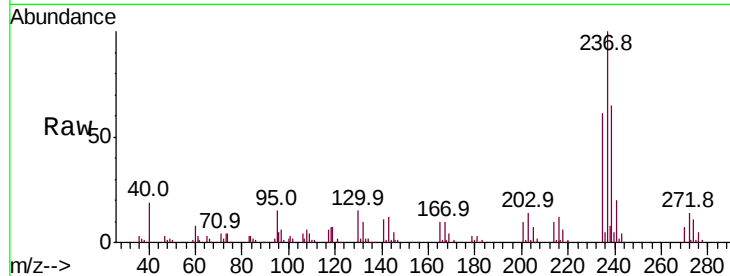




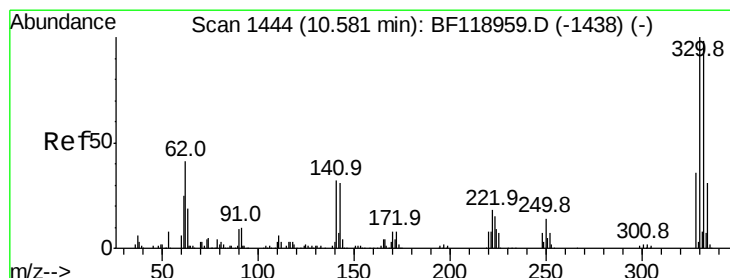
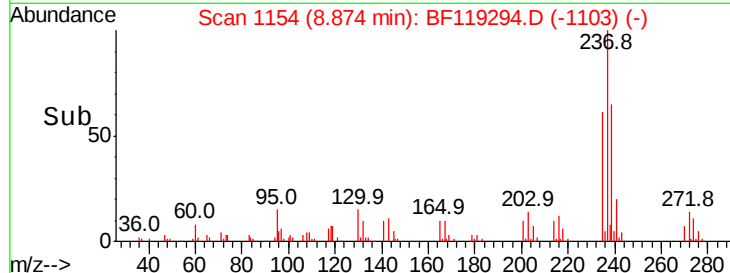
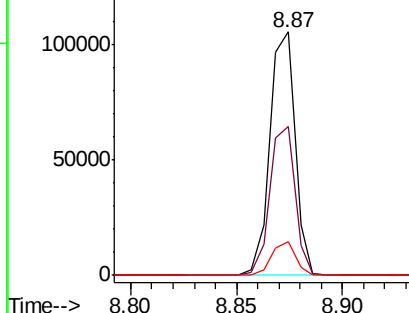
#41
Hexachlorocyclopentadiene
Concen: 41.685 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 87783
Ion Ratio Lower Upper
237 100
235 61.2 42.3 82.3
272 13.8 0.0 33.5

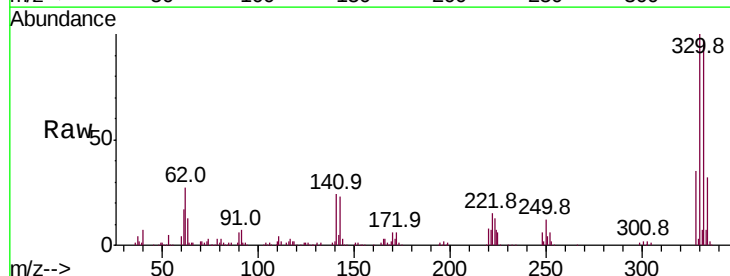


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

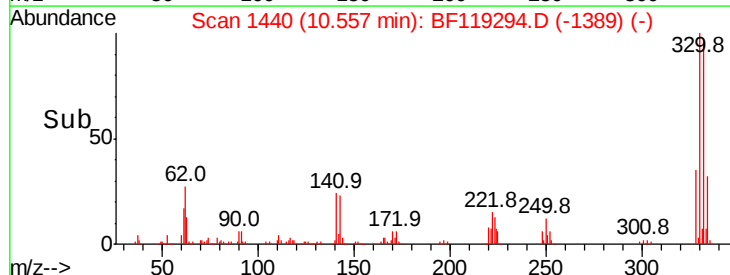
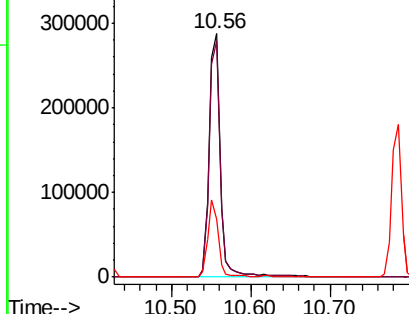


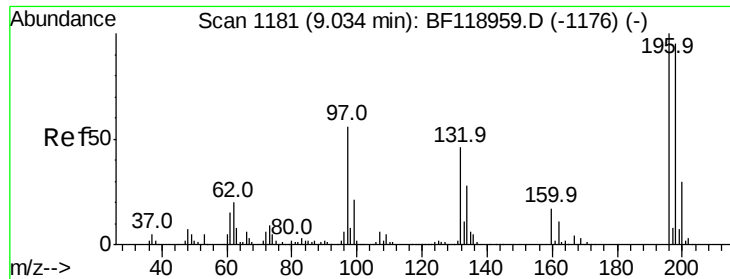
#42
2,4,6-Tribromophenol
Concen: 110.616 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion:330 Resp: 282895
Ion Ratio Lower Upper
330 100
332 97.0 76.0 114.0
141 29.6 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

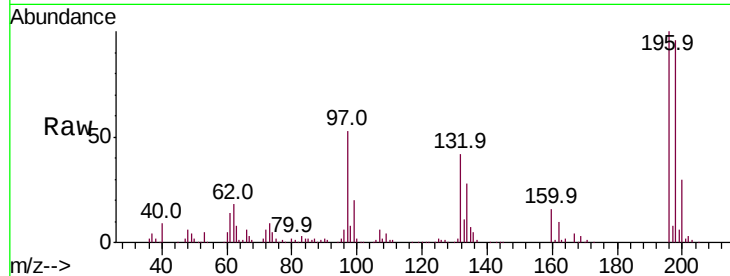




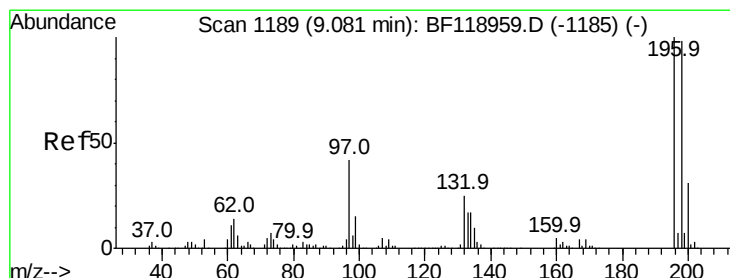
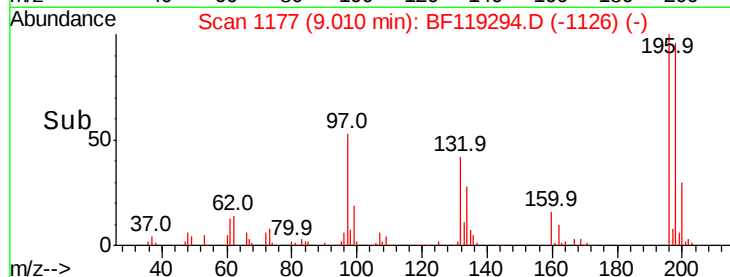
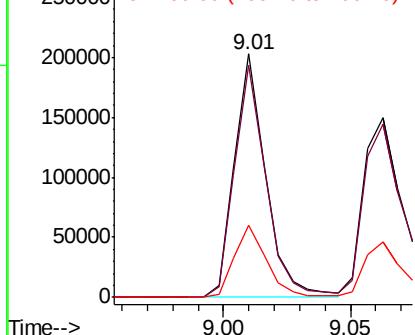
#43
 2,4,6-Trichlorophenol
 Concen: 41.977 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 174728
 Ion Ratio Lower Upper
 196 100
 198 95.5 77.1 115.7
 200 29.8 25.0 37.6

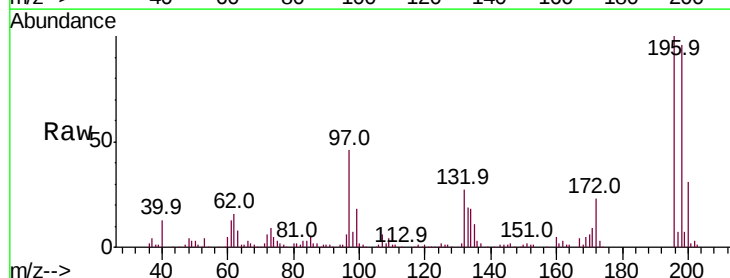


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

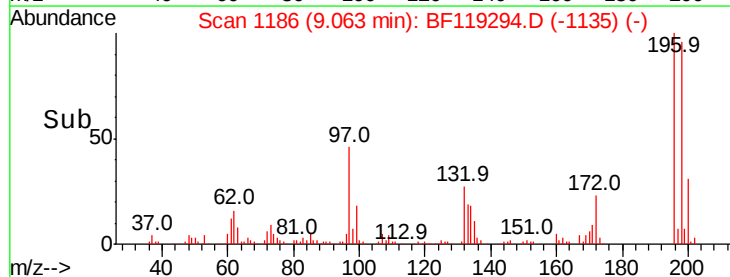
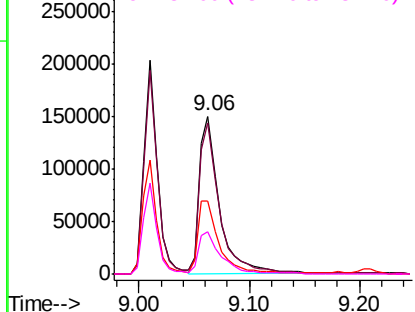


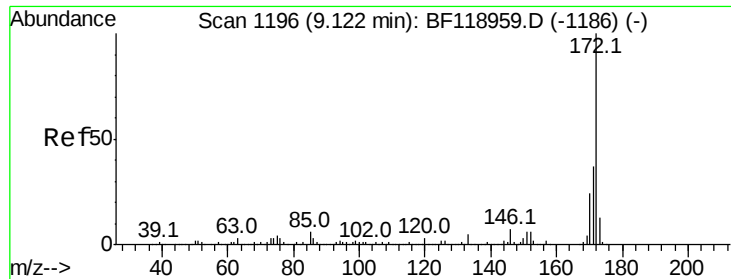
#44
 2,4,5-Trichlorophenol
 Concen: 41.957 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Tgt Ion:196 Resp: 183264
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.8 115.2
 97 46.3 38.5 57.7
 132 26.5 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

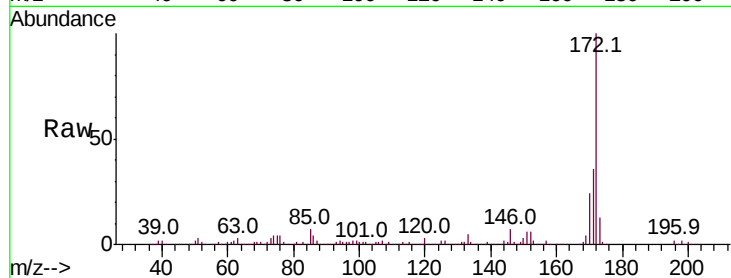




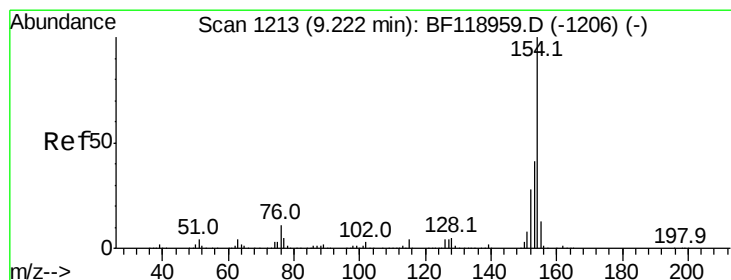
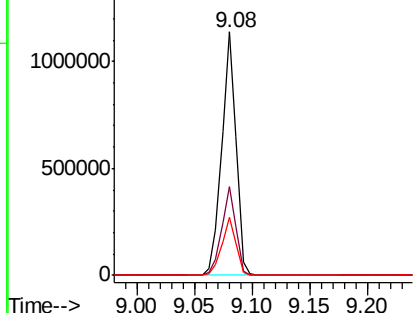
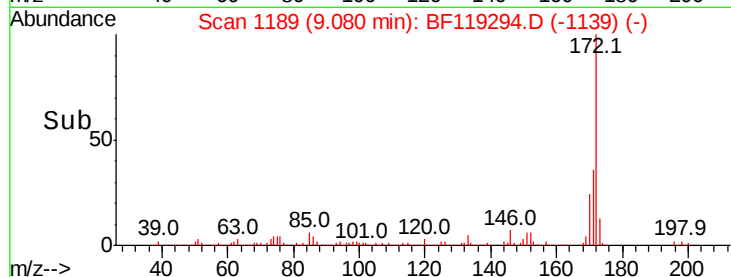
#45
 2-Fluorobiphenyl
 Concen: 74.077 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 983045
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.6 45.8
 170 23.9 20.2 30.2

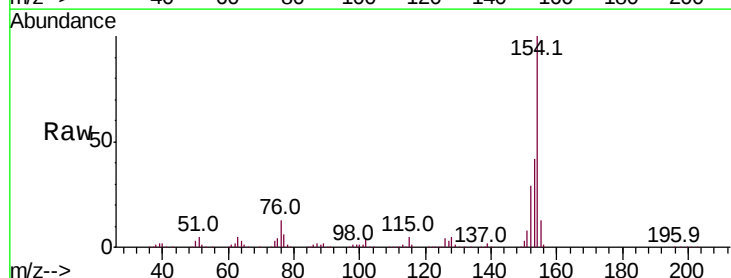


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

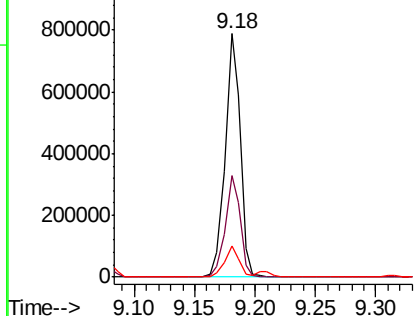
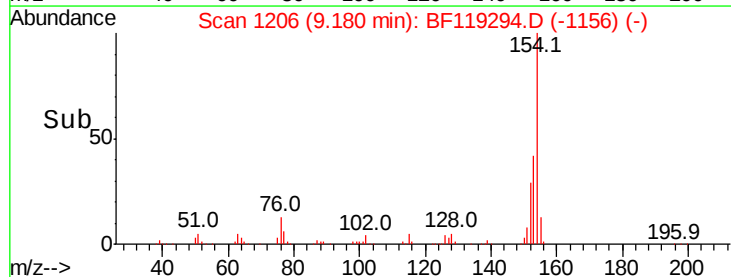


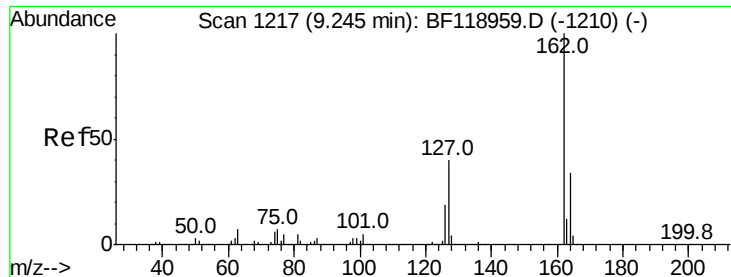
#46
 1,1'-Biphenyl
 Concen: 43.050 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Tgt Ion:154 Resp: 680200
 Ion Ratio Lower Upper
 154 100
 153 41.7 22.8 62.8
 76 12.7 0.0 32.2



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

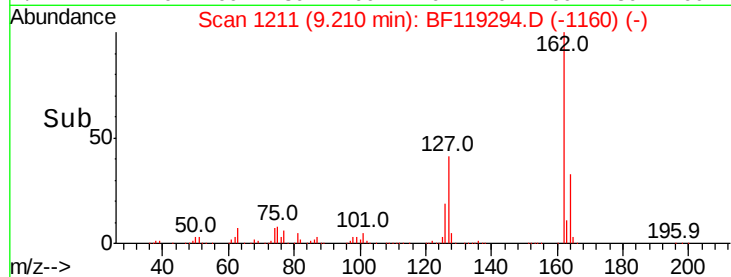
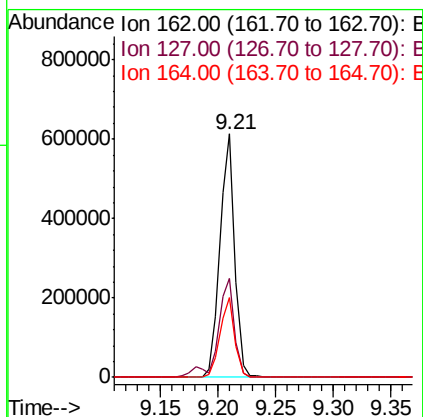
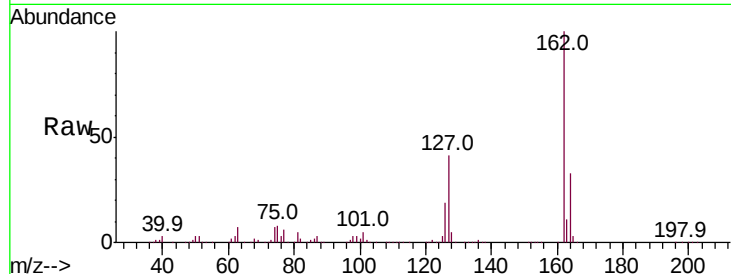




#47
 2-Chloronaphthalene
 Concen: 42.759 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

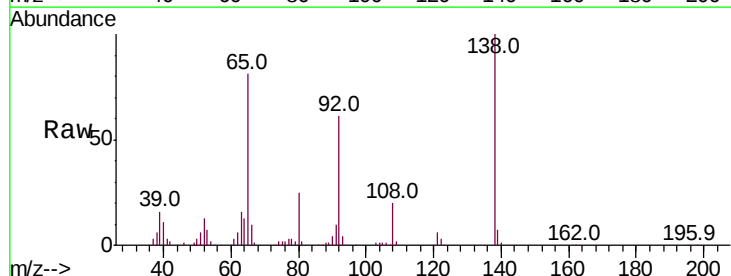
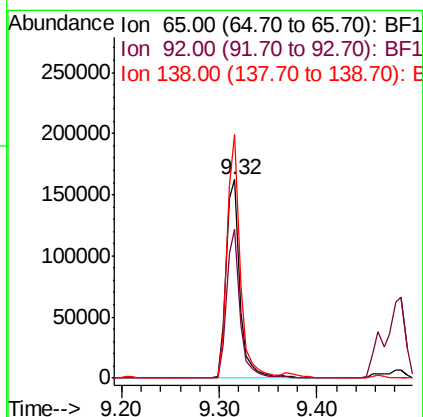
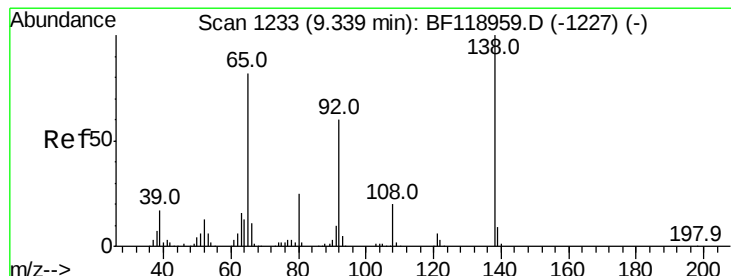
Instrument :
 BNA_F
 ClientSampleId :

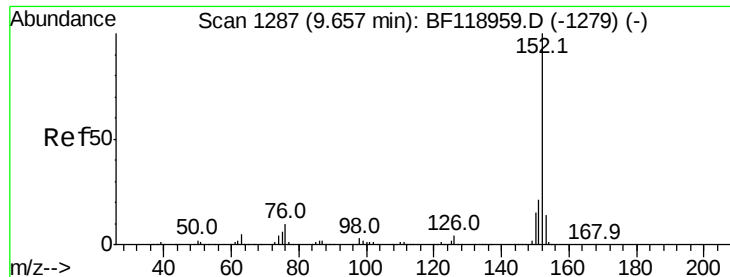
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.8	35.0	52.4
164	32.7	27.2	40.8



#48
 2-Nitroaniline
 Concen: 45.092 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.4	58.2	87.2
138	122.8	95.6	143.4





#49

Acenaphthylene

Concen: 45.541 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Instrument :

BNA_F

ClientSampleId :

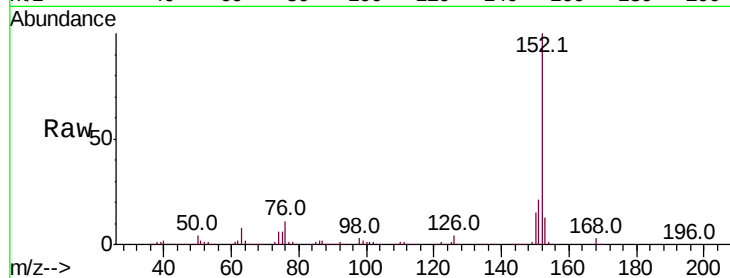
Tot Ion:152 Resp: 837479

Ion Ratio Lower Upper

152 100

151 20.7 16.9 25.3

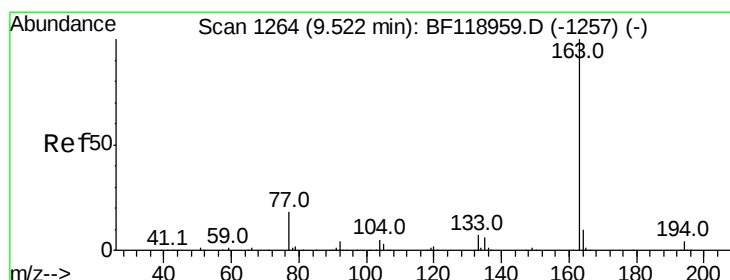
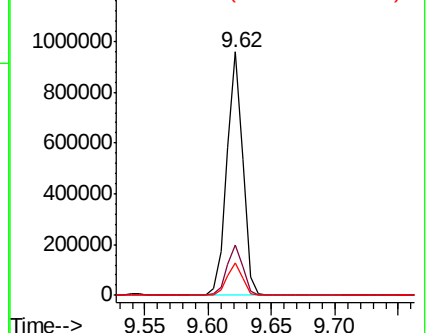
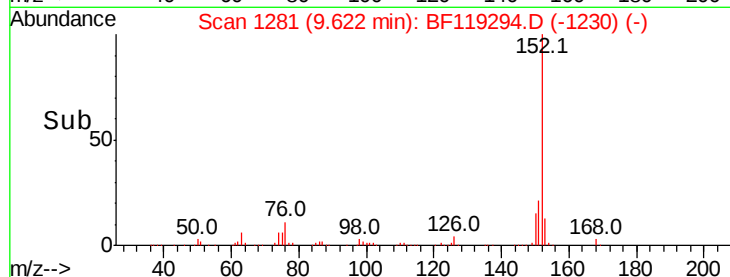
153 13.1 11.0 16.6



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: 48.484 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

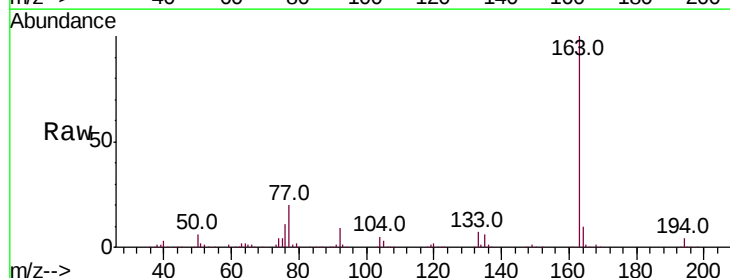
Tgt Ion:163 Resp: 724801

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

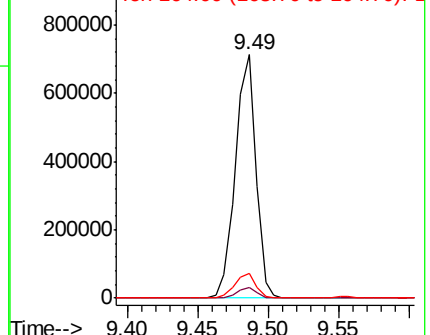
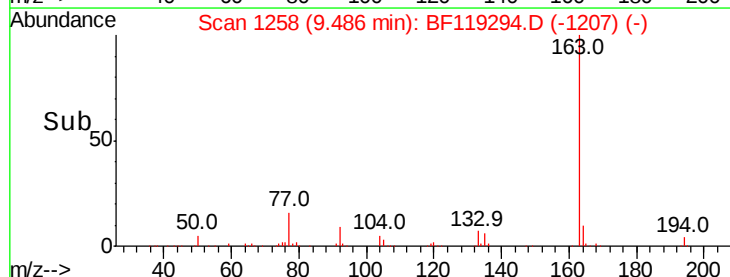
164 10.2 8.4 12.6

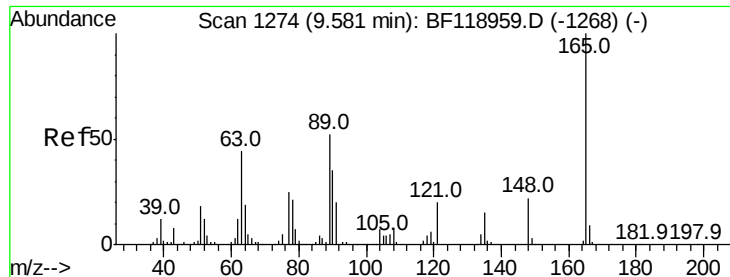


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.395 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Instrument :

BNA_F

ClientSampleId :

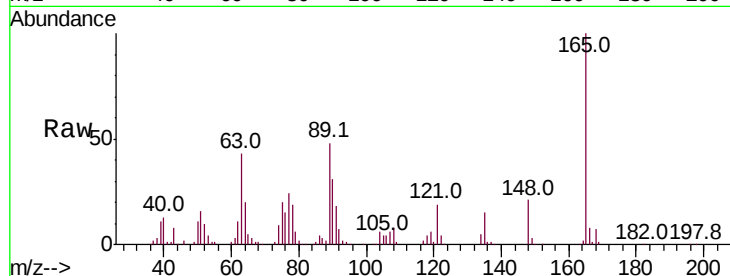
Tot Ion:165 Resp: 150771

Ion Ratio Lower Upper

165 100

63 42.7 34.3 51.5

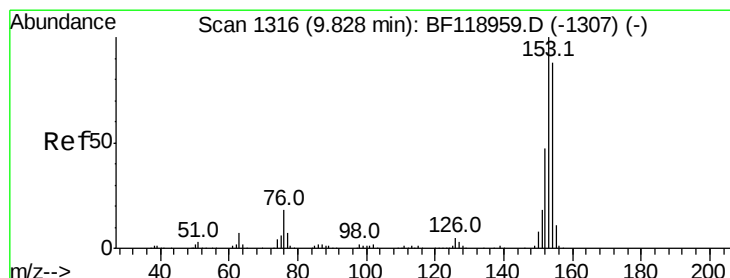
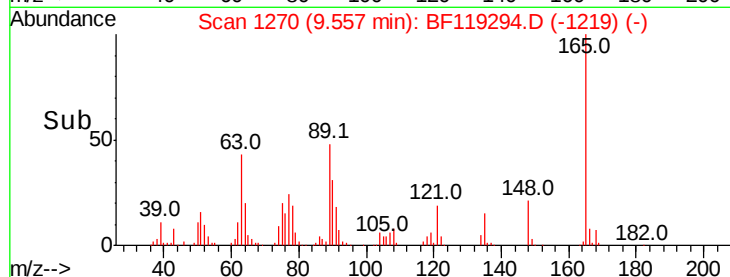
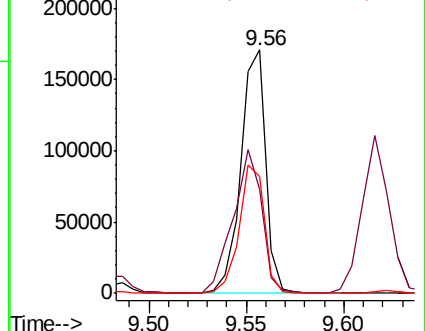
89 48.0 38.3 57.5



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



#52

Acenaphthene

Concen: 44.606 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

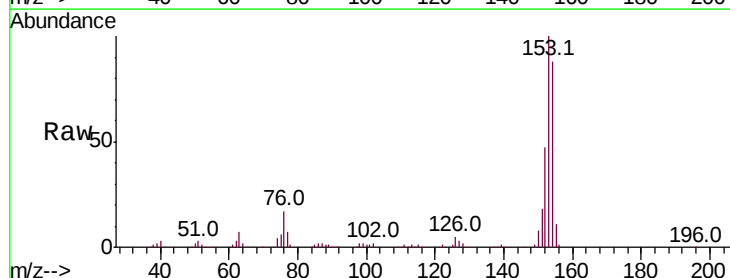
Tgt Ion:154 Resp: 494627

Ion Ratio Lower Upper

154 100

153 113.2 90.3 135.5

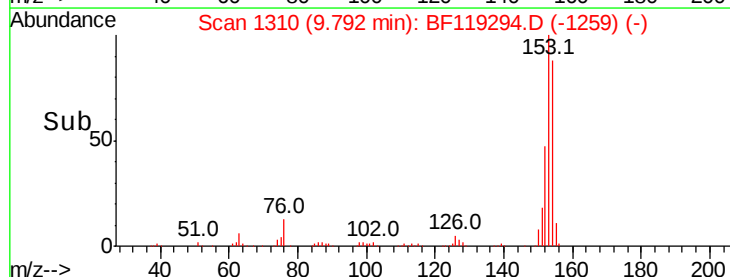
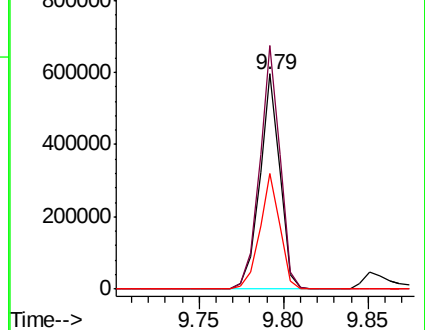
152 53.5 43.8 65.8

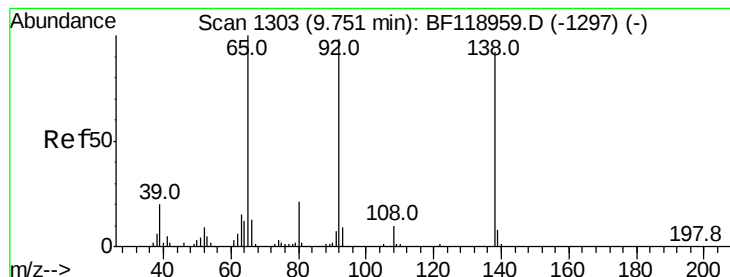


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 22.441 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Instrument :

BNA_F

ClientSampled :

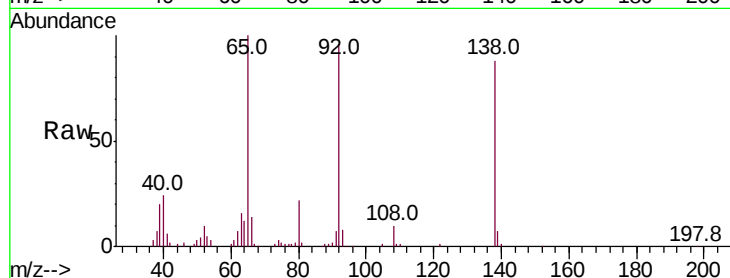
Tot Ion:138 Resp: 82629

Ion Ratio Lower Upper

138 100

108 11.1 8.8 13.2

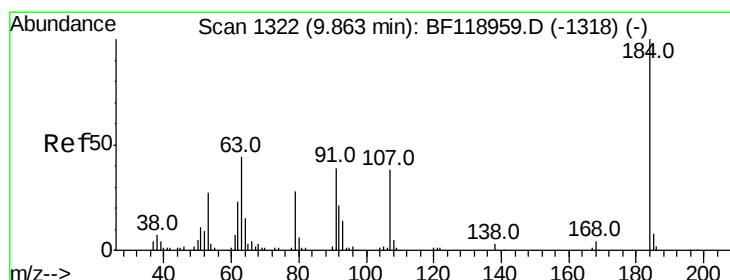
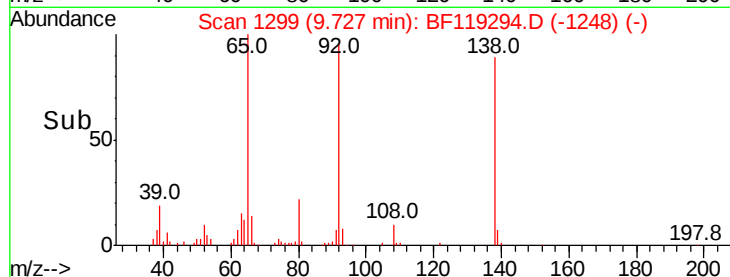
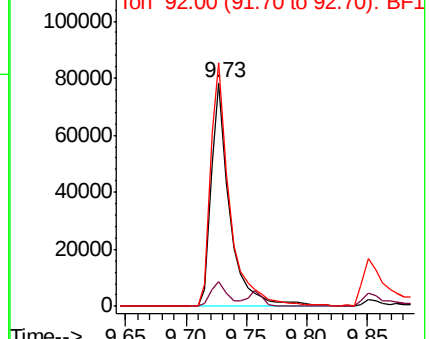
92 108.9 84.8 127.2



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: 63.578 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

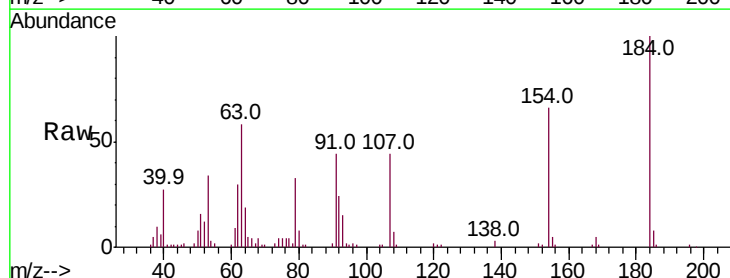
Tgt Ion:184 Resp: 99898

Ion Ratio Lower Upper

184 100

63 57.6 38.7 58.1

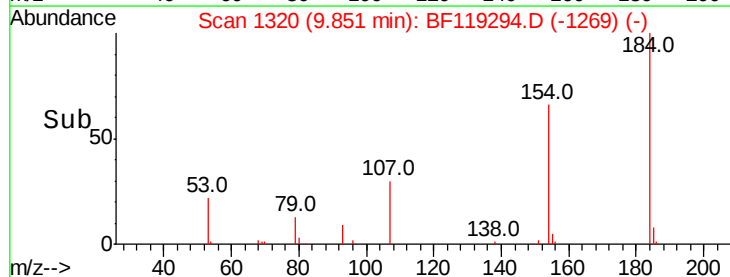
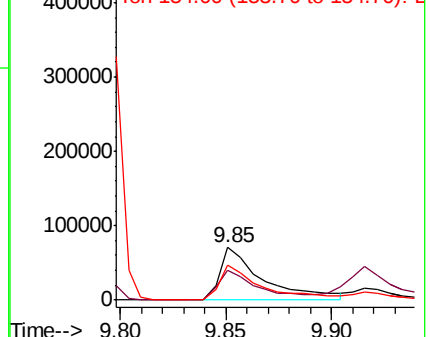
154 66.3 49.7 74.5

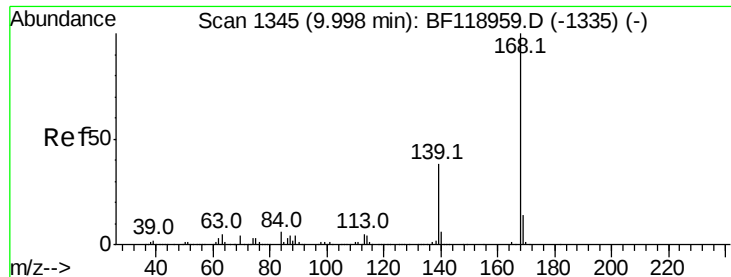


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

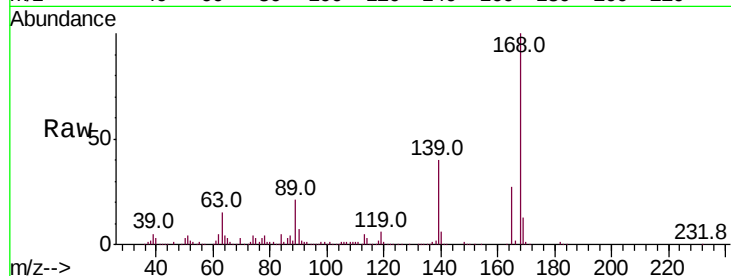




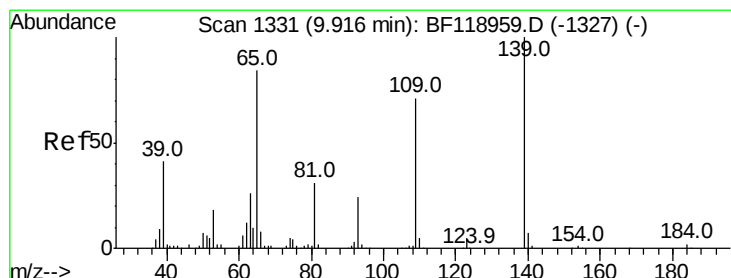
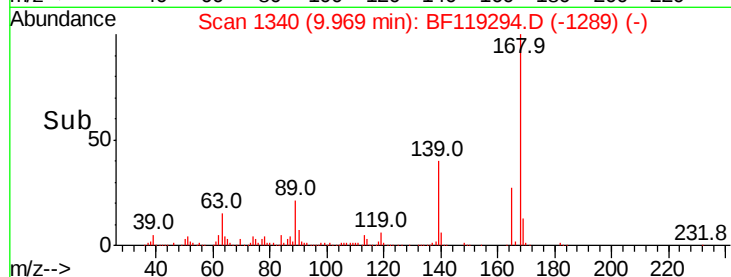
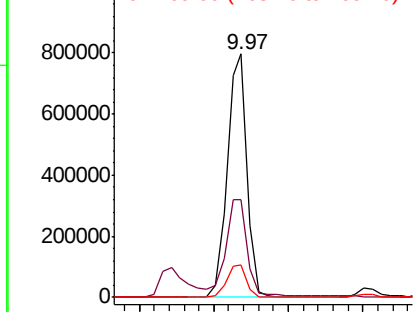
#55
Dibenzofuran
Concen: 44.852 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 742340
Ion Ratio Lower Upper
168 100
139 40.3 34.0 51.0
169 13.4 11.0 16.4

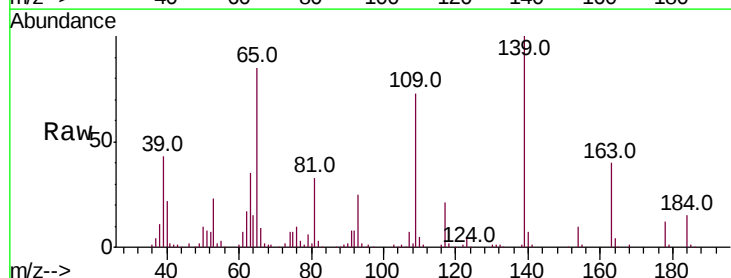


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

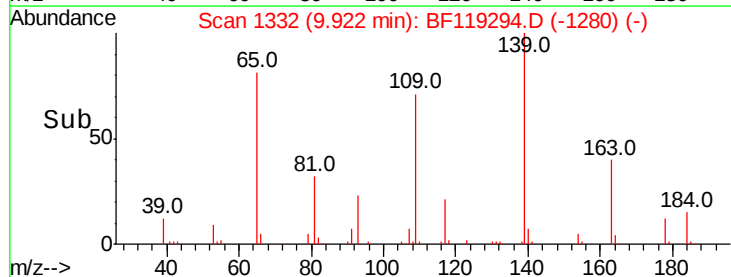
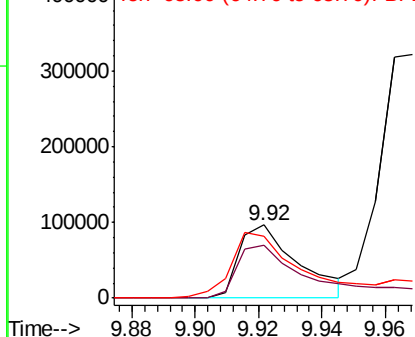


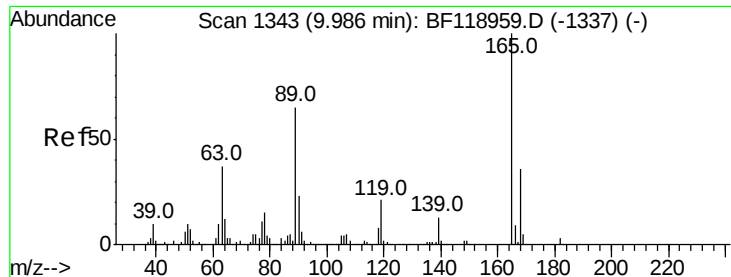
#56
4-Nitrophenol
Concen: 55.928 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion:139 Resp: 123728
Ion Ratio Lower Upper
139 100
109 73.0 56.7 96.7
65 85.3 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

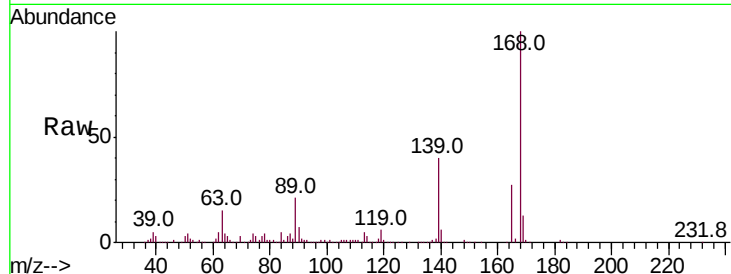




#57
 2,4-Dinitrotoluene
 Concen: 45.291 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.4	42.3	63.5
89	75.0	60.2	90.4
182	3.0	2.3	3.5



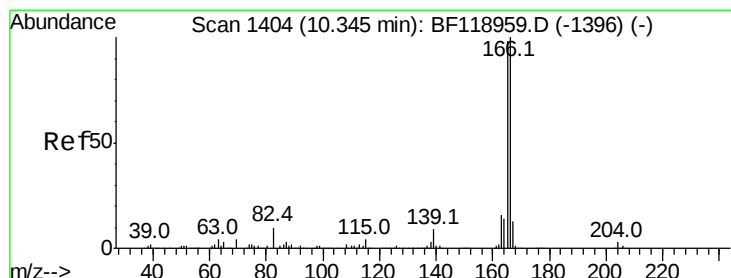
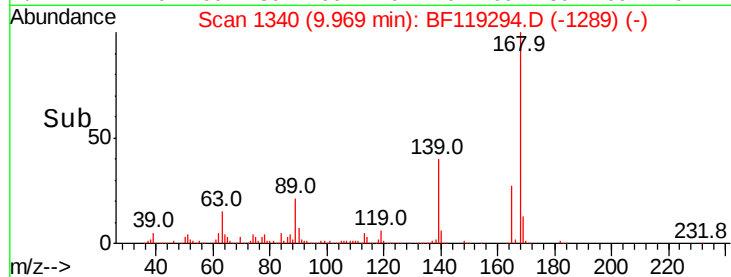
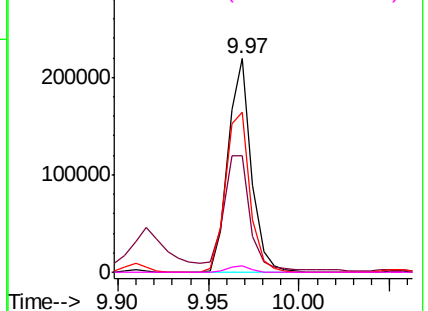
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

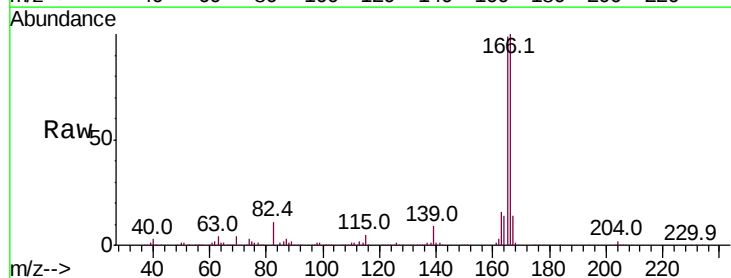
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 47.658 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.5	117.7
167	13.6	11.0	16.4

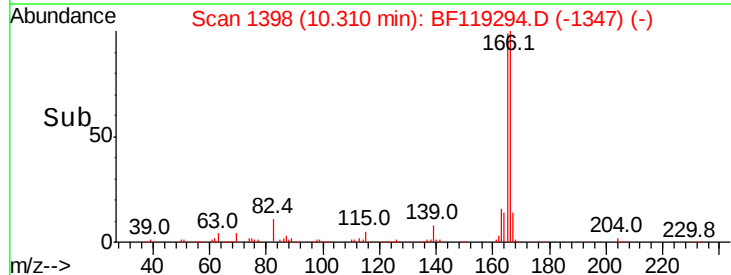
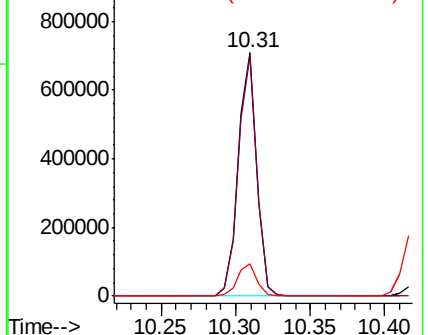


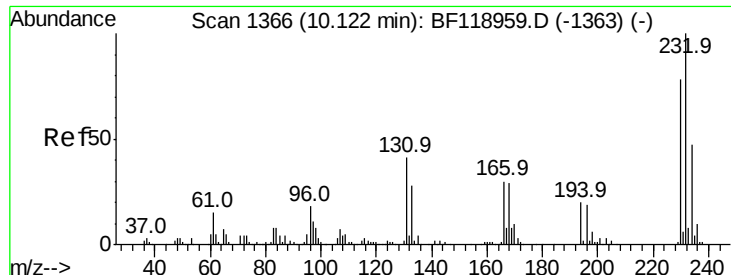
Abundance

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

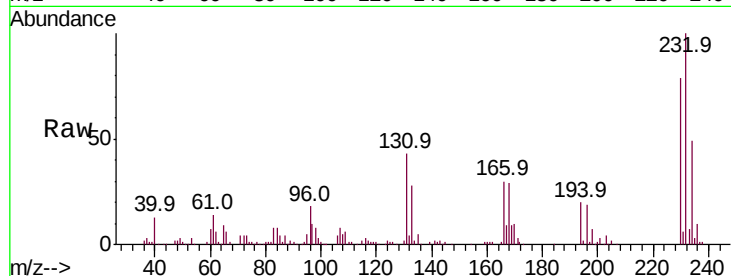




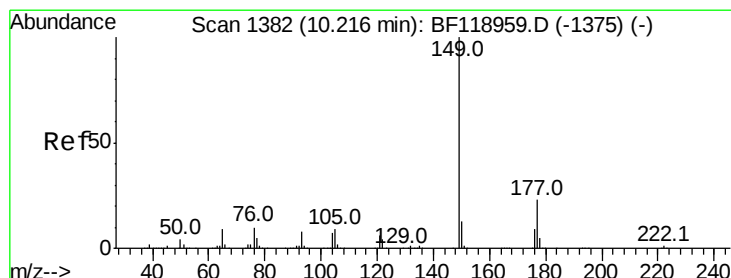
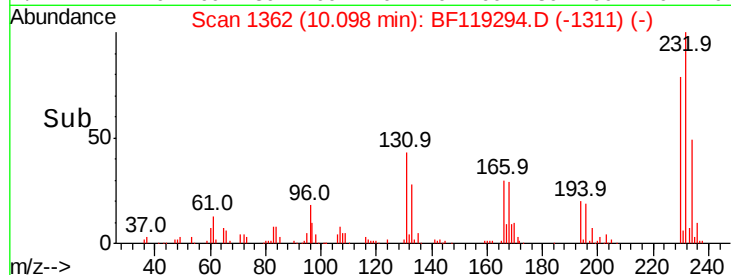
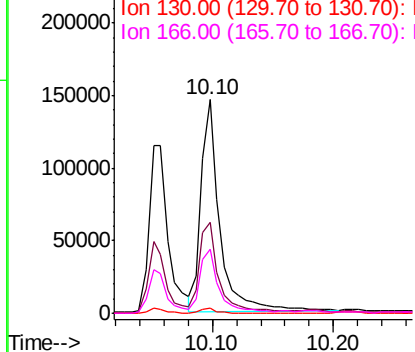
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.738 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 157517
 Ion Ratio Lower Upper
 232 100
 131 45.5 33.8 50.8
 130 2.1 1.8 2.6
 166 29.3 23.0 34.4

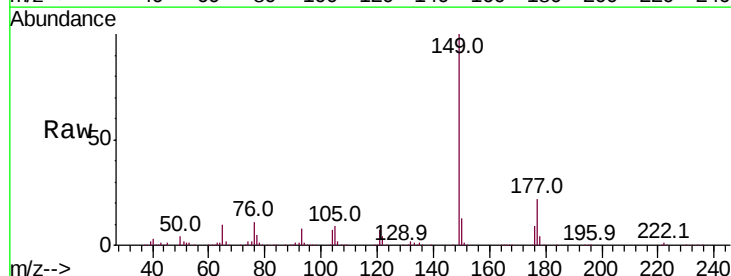


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

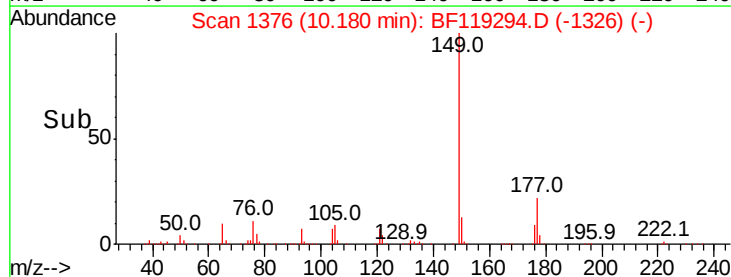
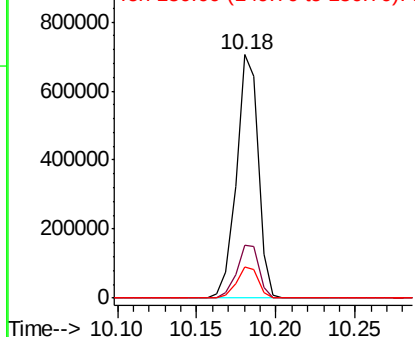


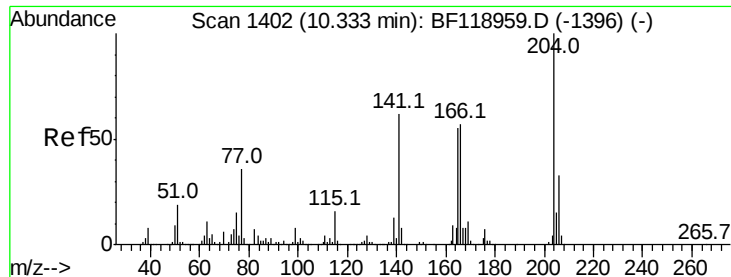
#60
 Diethylphthalate
 Concen: 47.534 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Tgt Ion:149 Resp: 669658
 Ion Ratio Lower Upper
 149 100
 177 21.5 18.2 27.2
 150 12.9 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

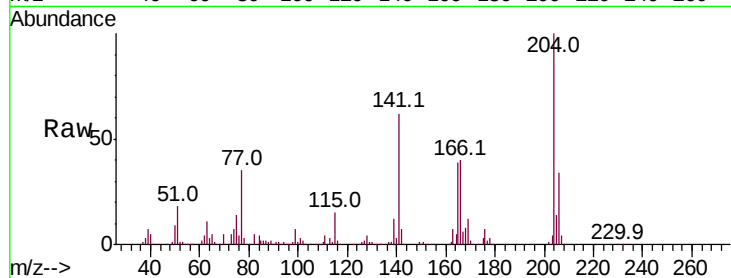




#61
4-Chlorophenyl-phenylether
Concen: 46.996 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	27.1	40.7
141	61.7	52.9	79.3

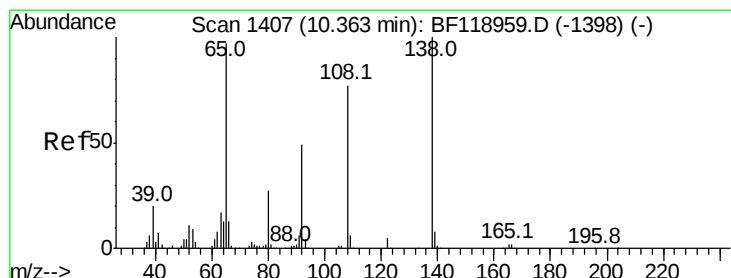
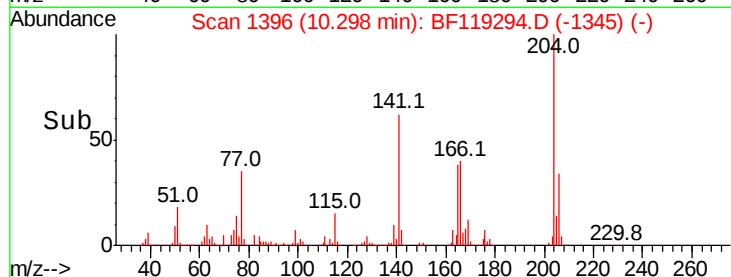
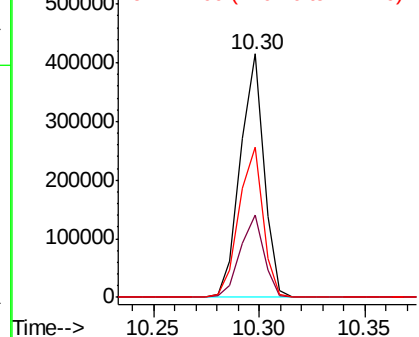


Abundance

Ion 204.00 (203.70 to 204.70): E

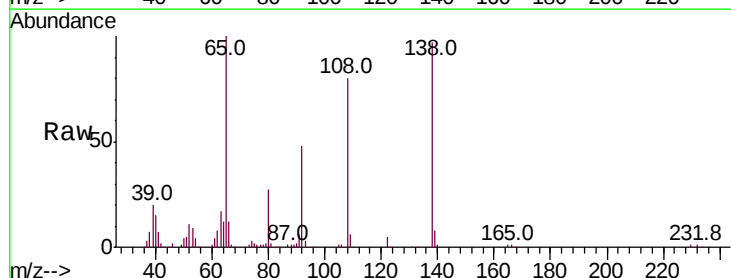
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 37.293 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.4	27.3	67.3
108	82.4	57.0	97.0

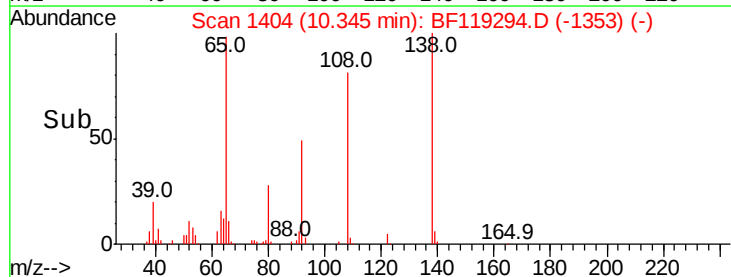
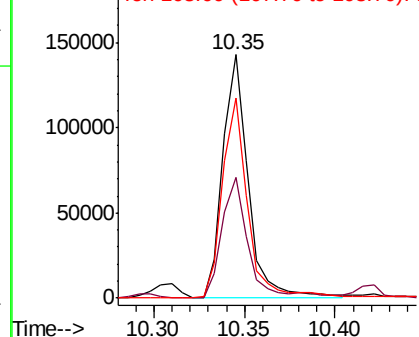


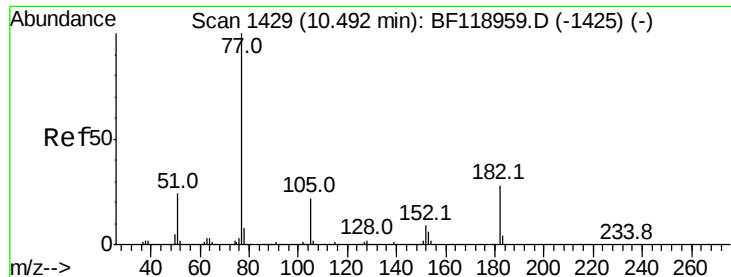
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

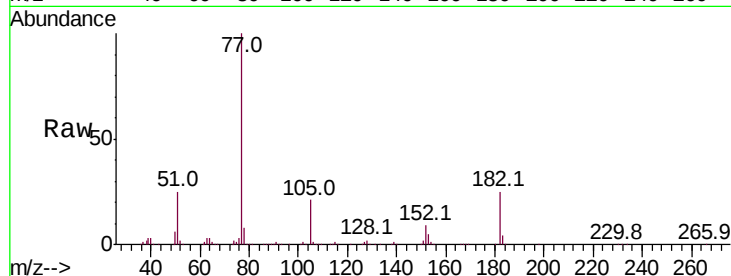




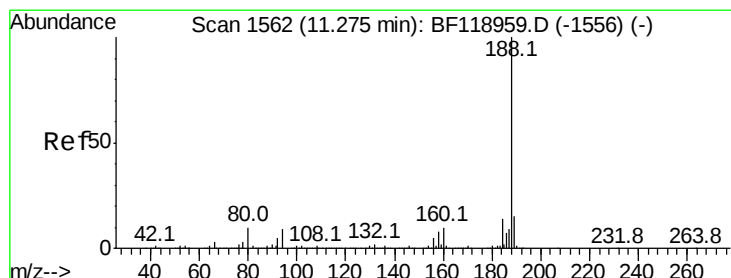
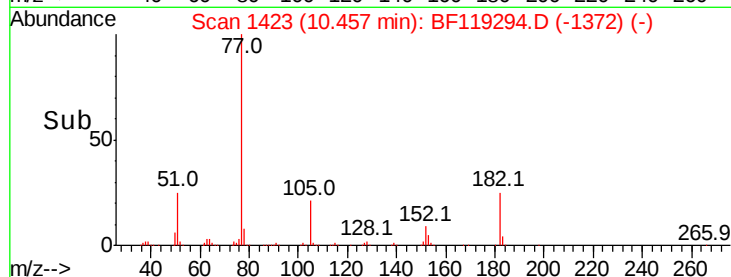
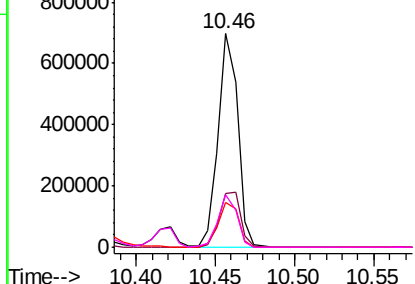
#63
Azobenzene
Concen: 48.845 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	598136
Ion	Ratio	Lower	Upper
77	100		
182	25.3	11.4	51.4
105	21.0	3.4	43.4
51	24.7	5.1	45.1

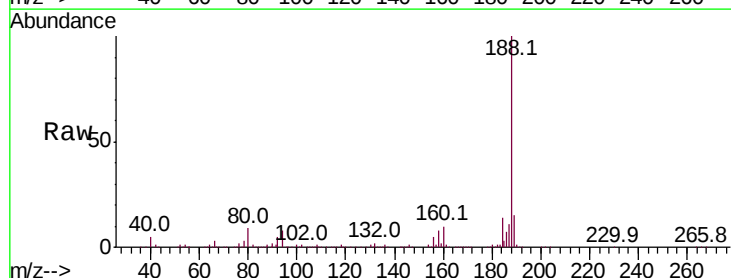


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

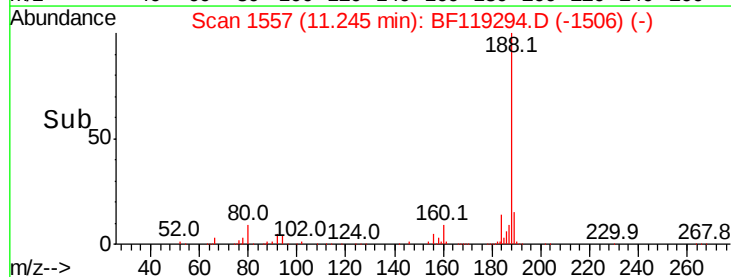
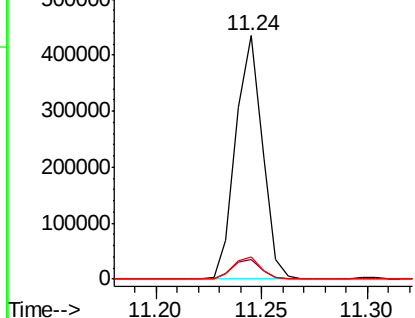


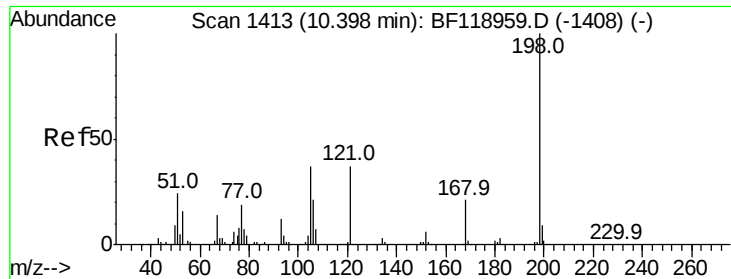
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion:	188	Resp:	379991
Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.1	10.7
80	9.1	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

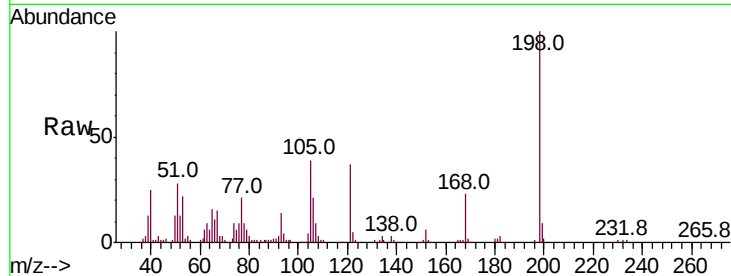




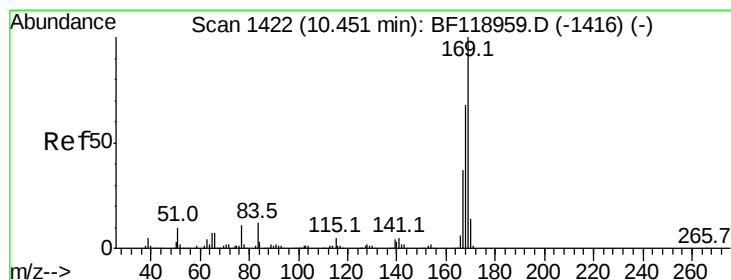
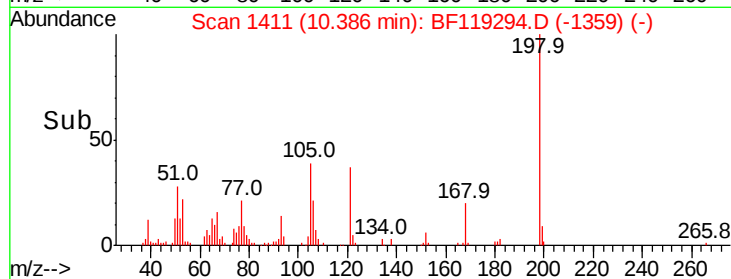
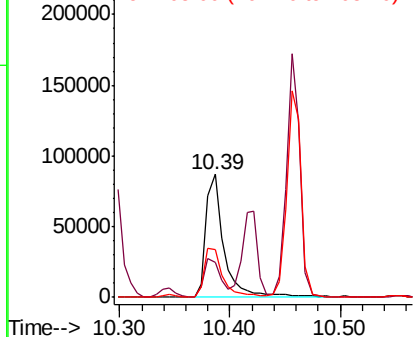
#65
4,6-Dinitro-2-methylphenol
Concen: 41.888 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 96316
Ion Ratio Lower Upper
198 100
51 28.3 14.2 54.2
105 38.6 22.7 62.7

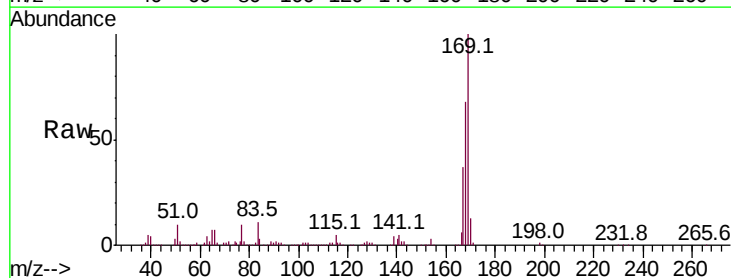


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

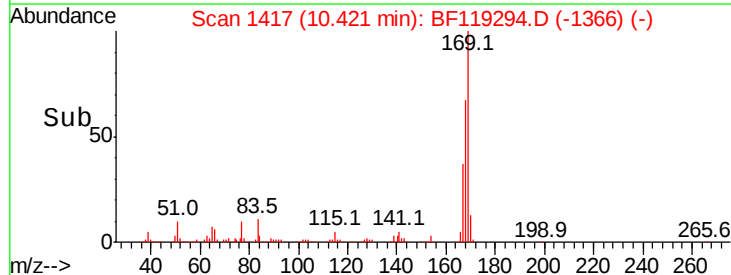
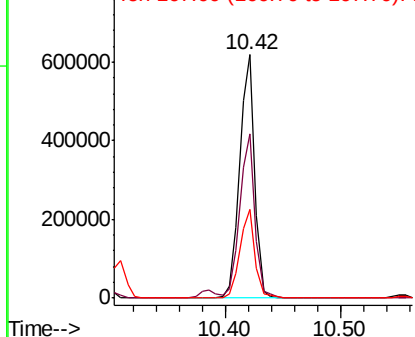


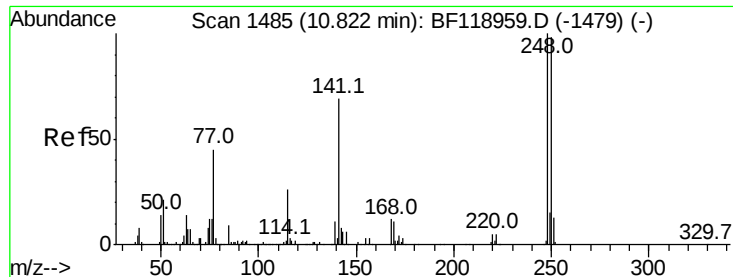
#66
n-Nitrosodiphenylamine
Concen: 44.805 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion:169 Resp: 557473
Ion Ratio Lower Upper
169 100
168 67.7 54.1 81.1
167 36.7 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

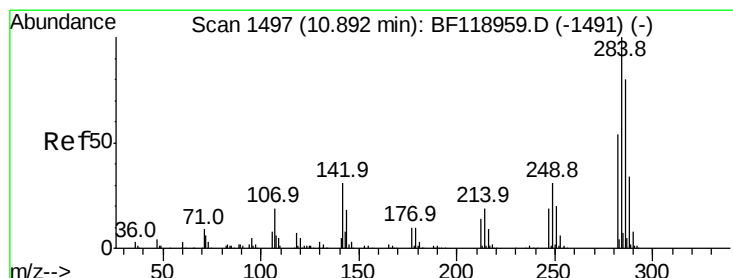
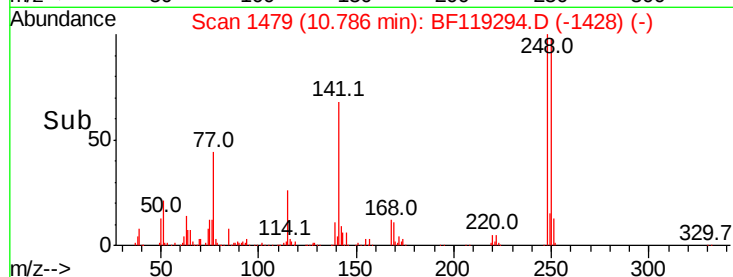
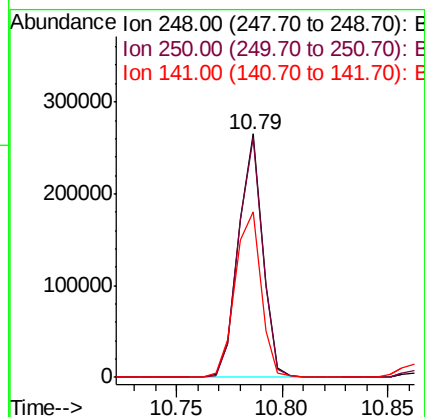
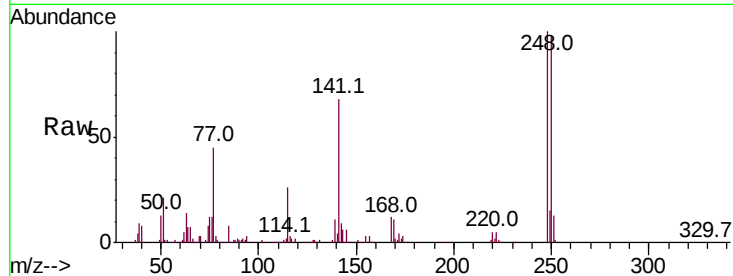




#67
4-Bromophenyl-phenylether
Concen: 42.087 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

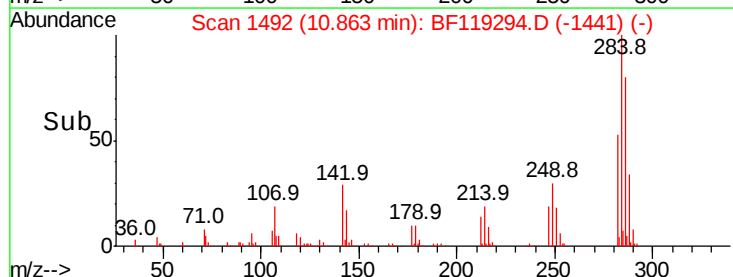
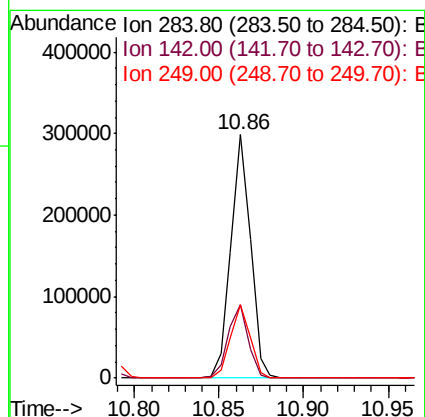
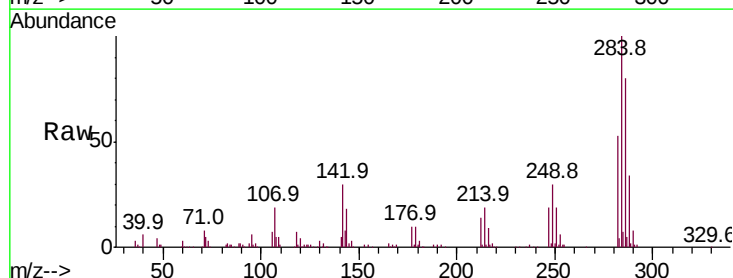
Instrument :
BNA_F
ClientSampleId :

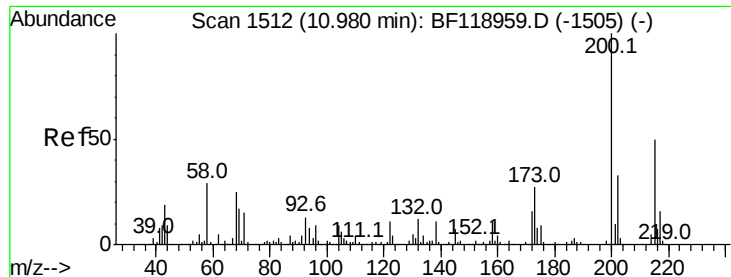
Tot Ion:248 Resp: 209047
Ion Ratio Lower Upper
248 100
250 98.5 76.7 115.1
141 68.1 60.7 91.1



#68
Hexachlorobenzene
Concen: 42.310 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion:284 Resp: 242296
Ion Ratio Lower Upper
284 100
142 29.9 23.7 35.5
249 30.3 25.0 37.6

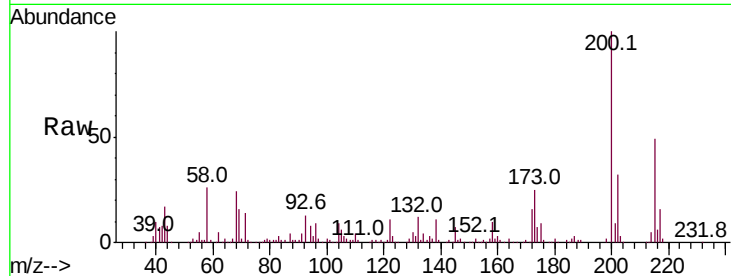




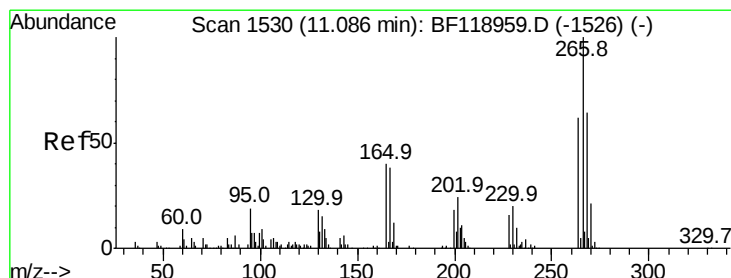
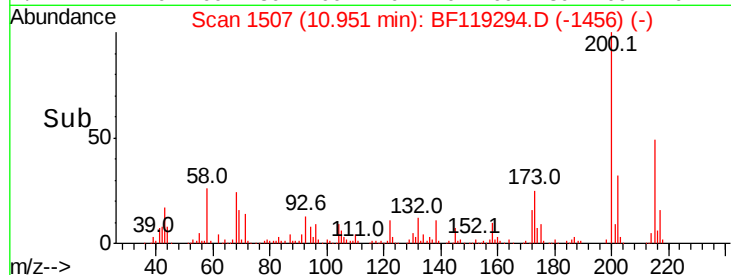
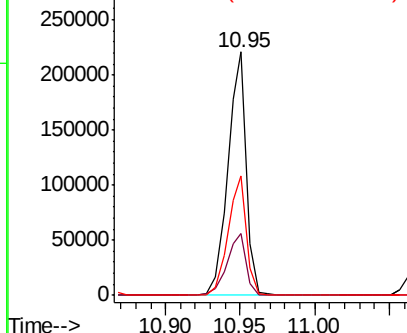
#69
Atrazine
Concen: 44.365 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.3	6.4	46.4
215	49.2	27.4	67.4

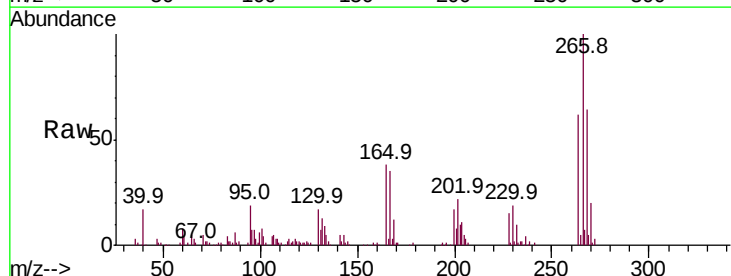


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

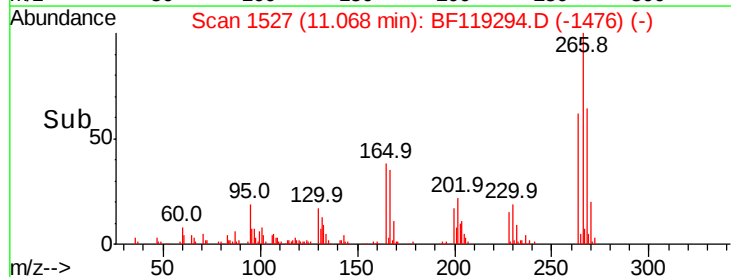
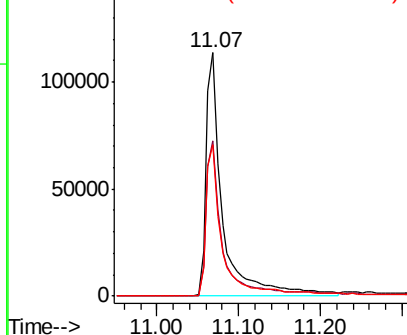


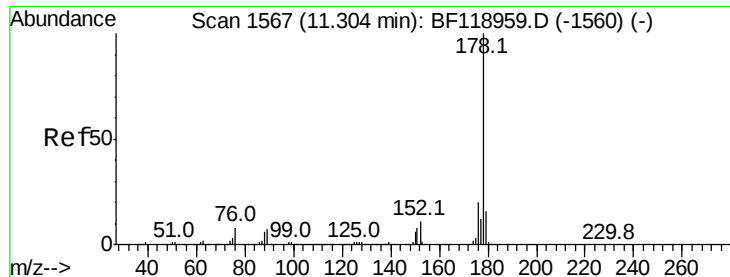
#70
Pentachlorophenol
Concen: 70.253 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.9	77.9
264	62.0	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

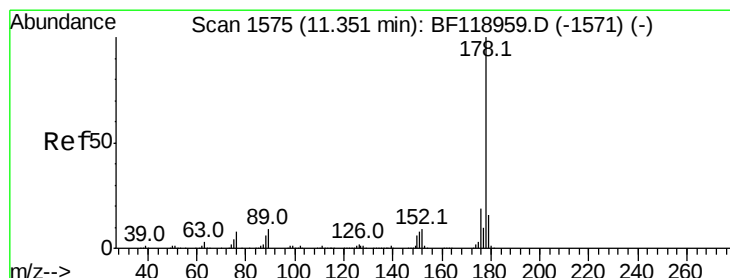
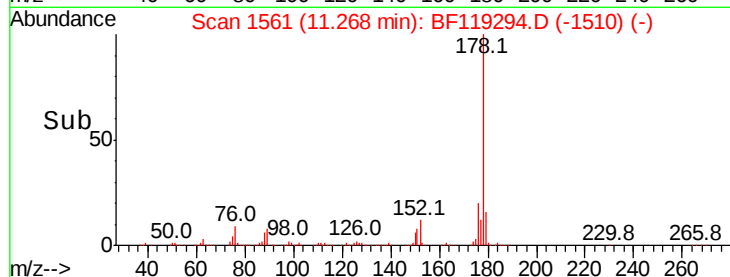
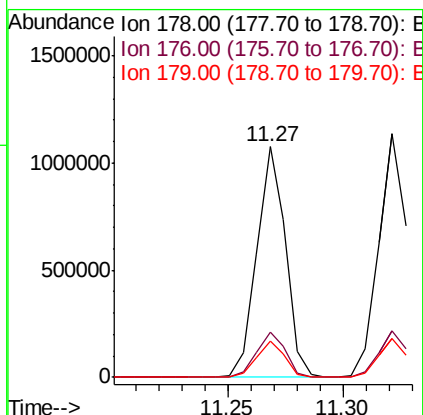
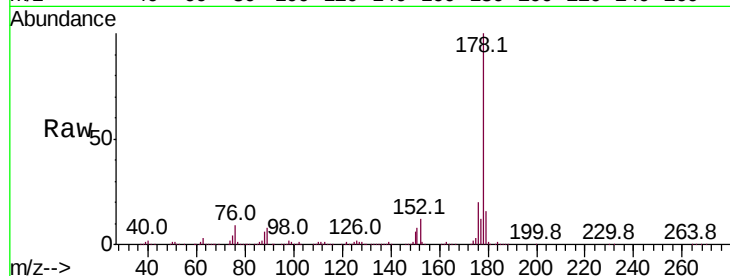




#71
Phenanthrene
Concen: 45.202 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

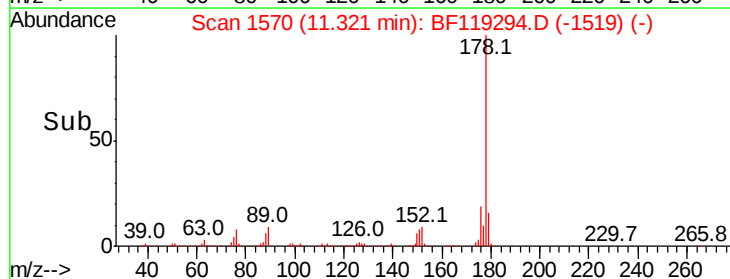
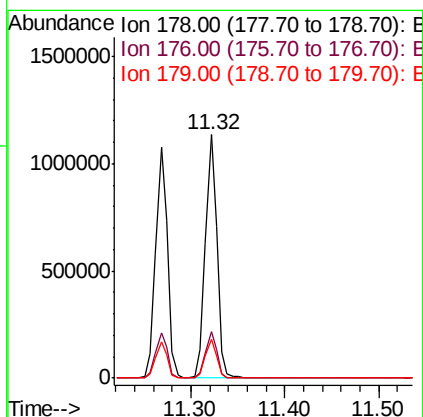
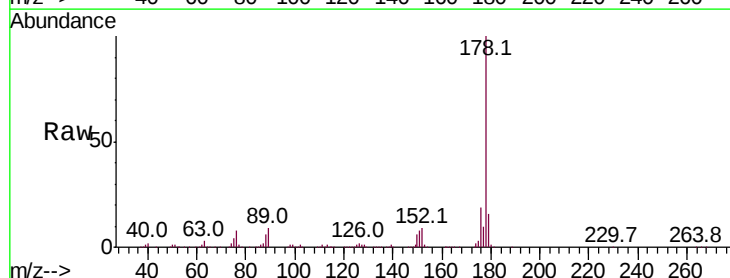
Instrument :
BNA_F
ClientSampleId :

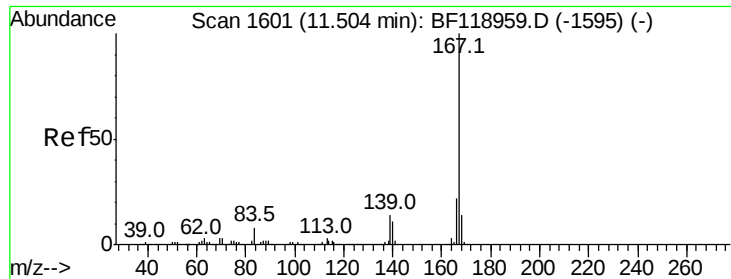
Tot Ion:178 Resp: 936715
Ion Ratio Lower Upper
178 100
176 19.7 16.5 24.7
179 15.7 13.0 19.6



#72
Anthracene
Concen: 47.512 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion:178 Resp: 983763
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 15.8 13.1 19.7

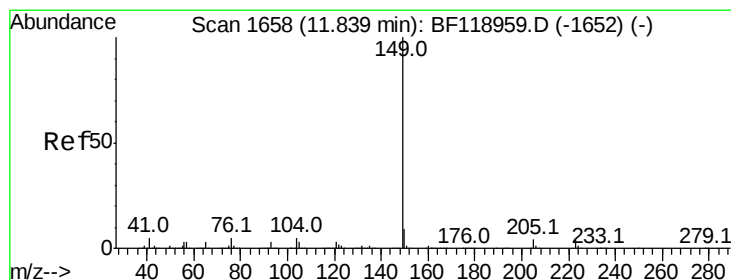
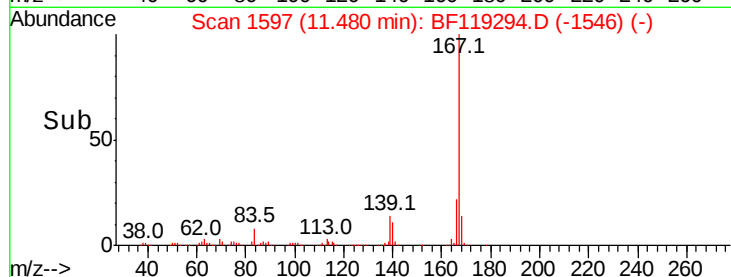
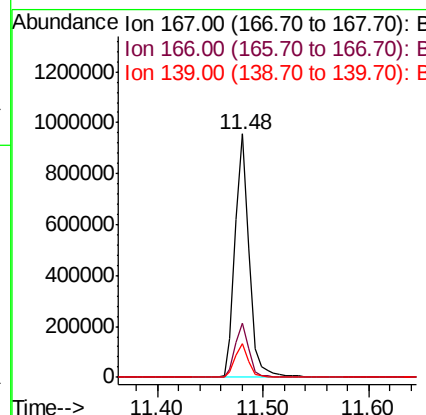
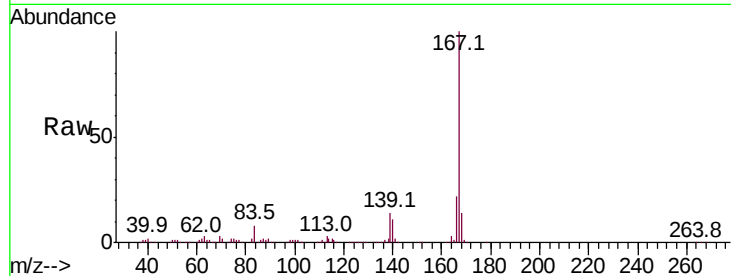




#73
 Carbazole
 Concen: 47.176 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

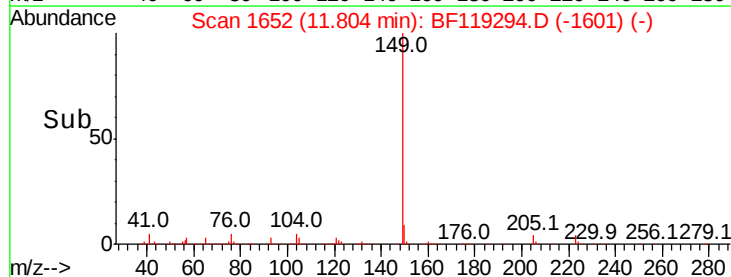
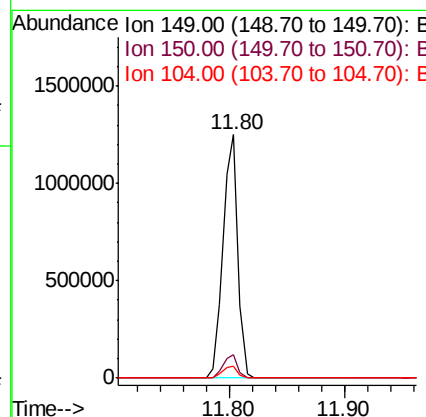
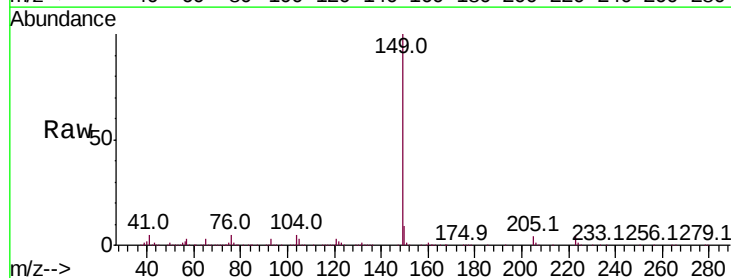
Instrument :
 BNA_F
 ClientSampleId :

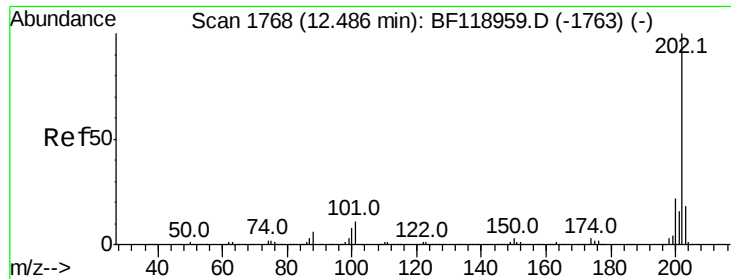
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	13.7	11.7	17.5



#74
 Di-n-butylphthalate
 Concen: 49.516 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.00 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.9	11.9
104	5.0	4.6	6.8

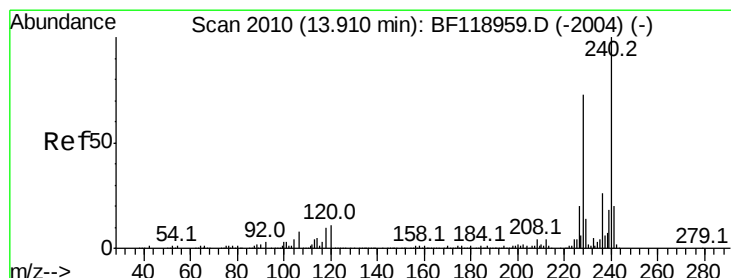
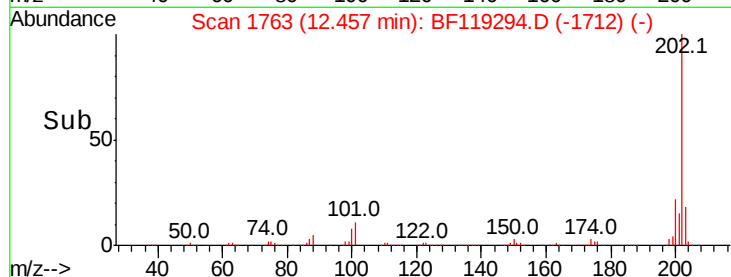
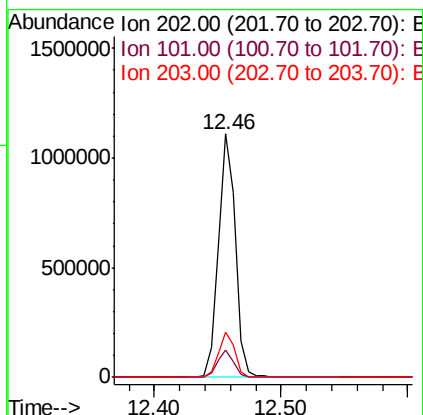
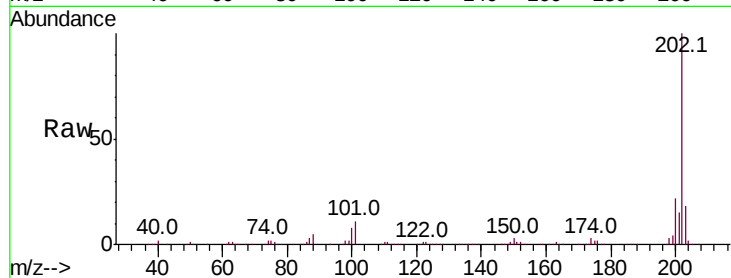




#75
 Fluoranthene
 Concen: 47.702 ng
 RT: 12.46 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

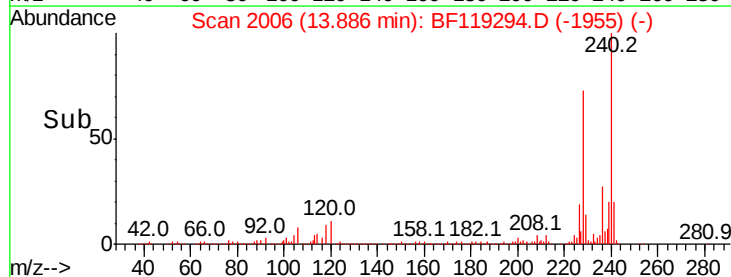
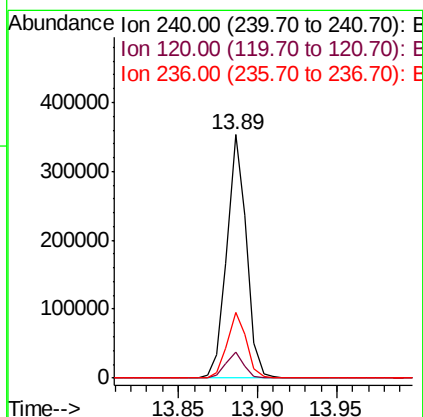
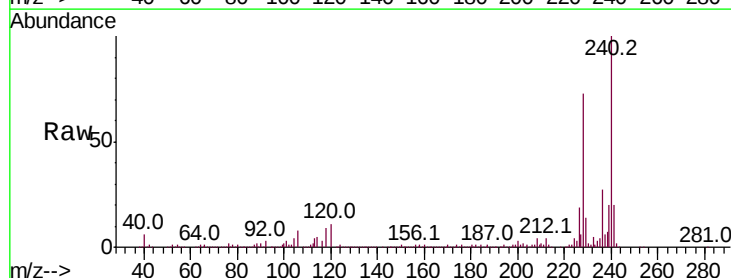
Instrument :
 BNA_F
 ClientSampled :

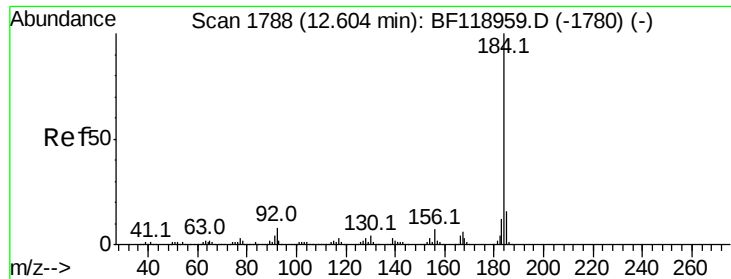
Tot Ion:202 Resp: 1049282
 Ion Ratio Lower Upper
 202 100
 101 11.1 0.0 30.3
 203 18.3 0.0 38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.00 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Tgt Ion:240 Resp: 302616
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.4 12.6
 236 27.2 21.0 31.4





#77

Benzidine

Concen: 43.223 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

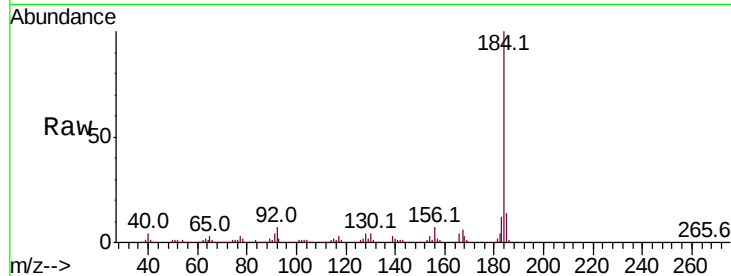
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 531947

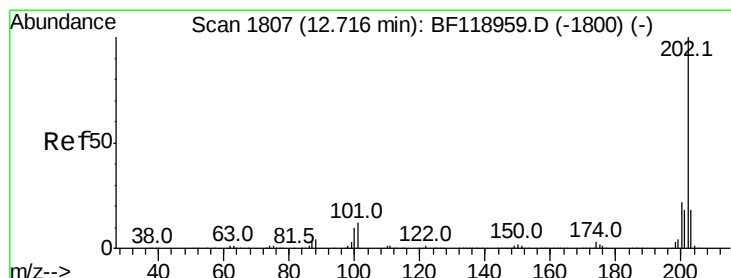
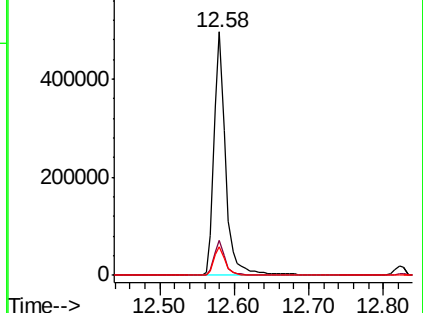
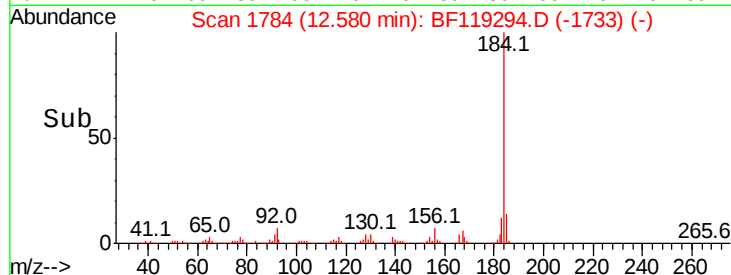
Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.2	18.4
183	11.9	9.9	14.9



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



#78

Pyrene

Concen: 43.928 ng

RT: 12.69 min Scan# 1802

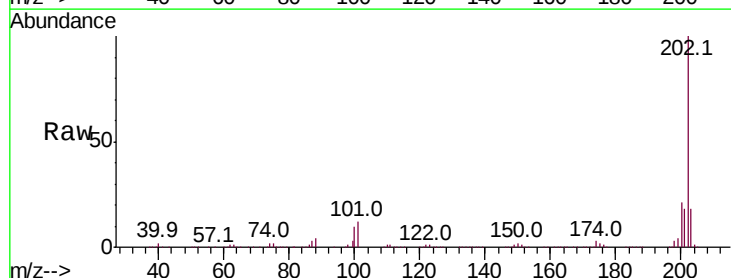
Delta R.T. -0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Tgt Ion:202 Resp: 1067438

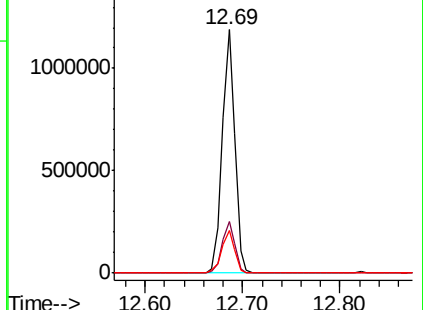
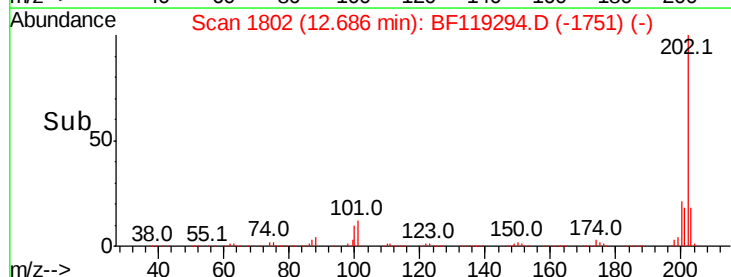
Ion	Ratio	Lower	Upper
202	100		
200	21.3	18.0	27.0
203	17.6	14.6	22.0

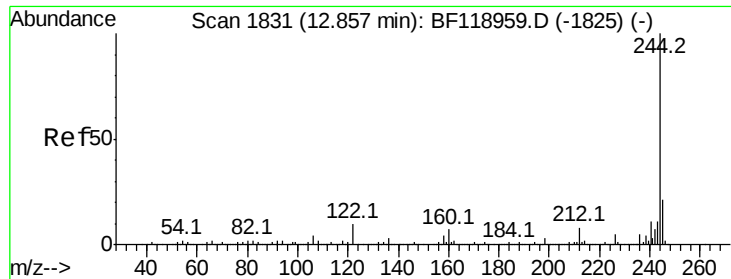


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

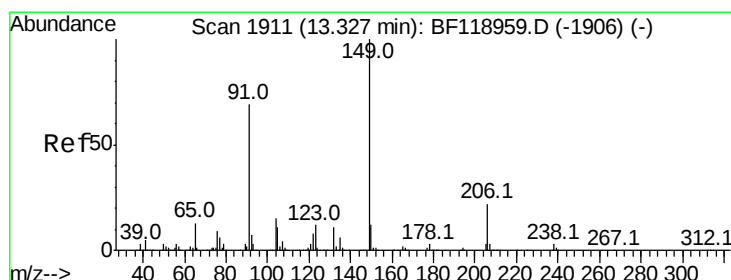
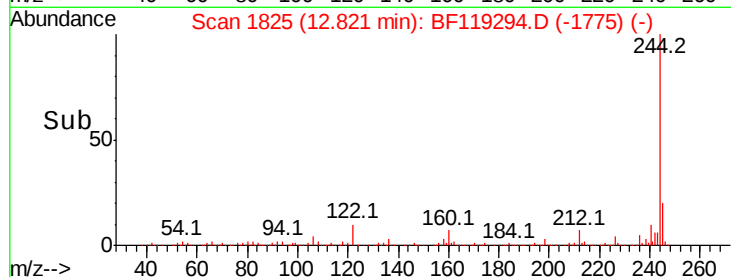
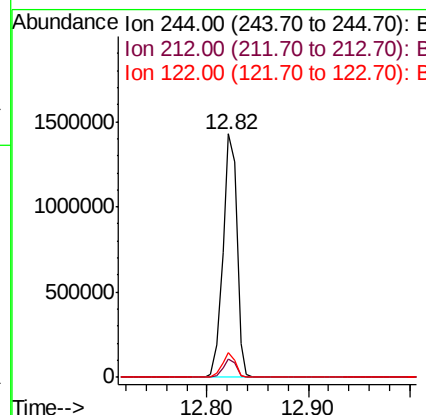
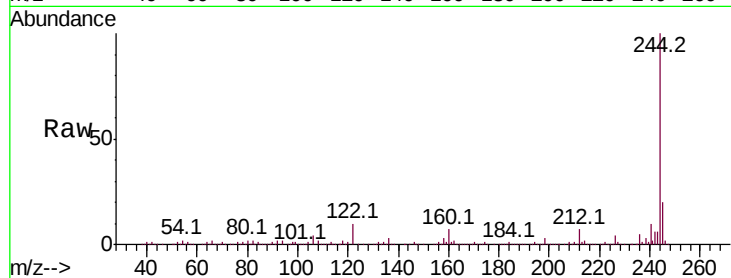




#79
 Terphenyl-d14
 Concen: 77.681 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

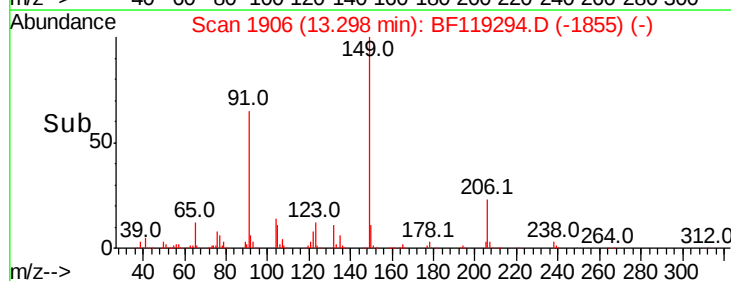
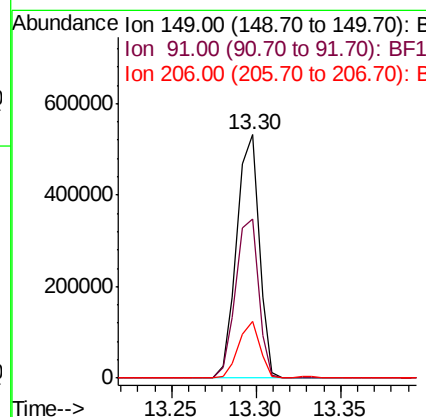
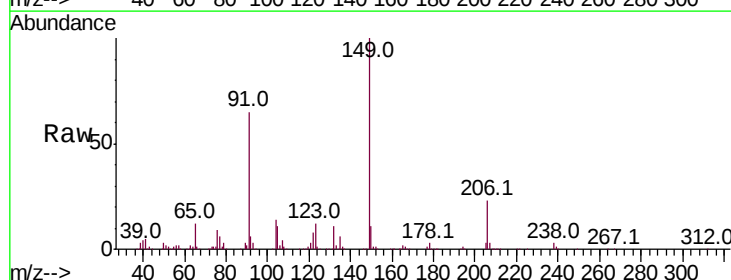
Instrument :
 BNA_F
 ClientSampleId :

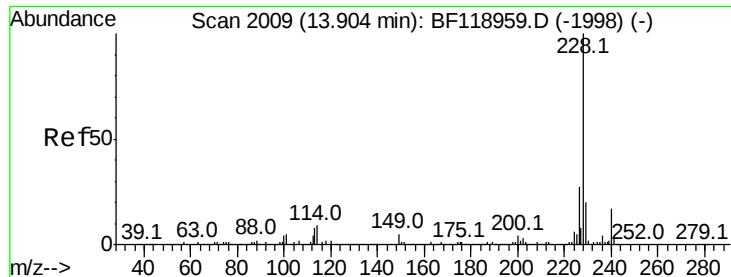
Tot Ion:244 Resp: 1365380
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.6 10.0
 122 10.3 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 48.333 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Tgt Ion:149 Resp: 494306
 Ion Ratio Lower Upper
 149 100
 91 65.4 52.3 78.5
 206 23.2 18.5 27.7





#81

Benzo(a)anthracene

Concen: 46.296 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Instrument :

BNA_F

ClientSampled :

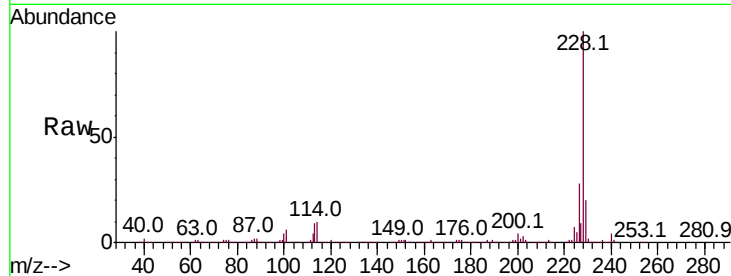
Tot Ion:228 Resp: 954586

Ion Ratio Lower Upper

228 100

226 28.0 22.6 33.8

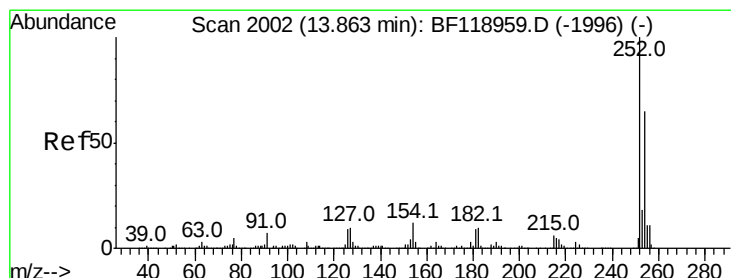
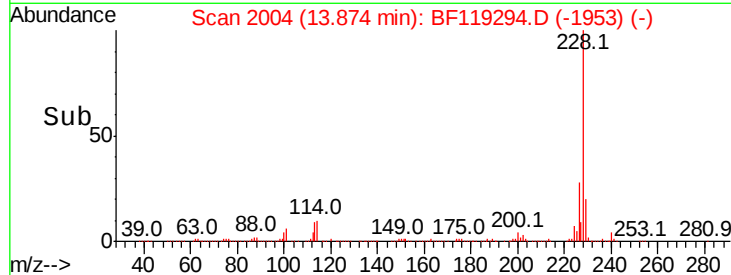
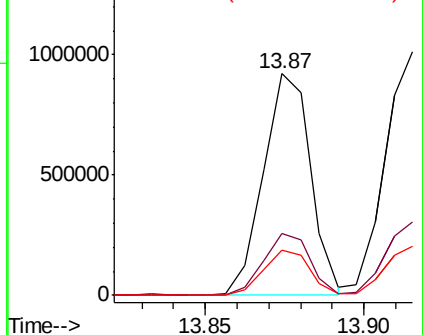
229 20.2 16.6 24.8



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: 34.713 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

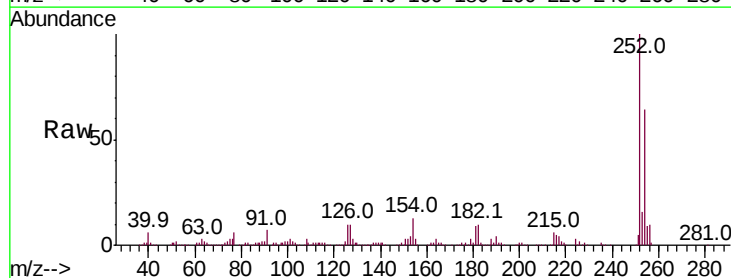
Tgt Ion:252 Resp: 277932

Ion Ratio Lower Upper

252 100

254 64.3 51.6 77.4

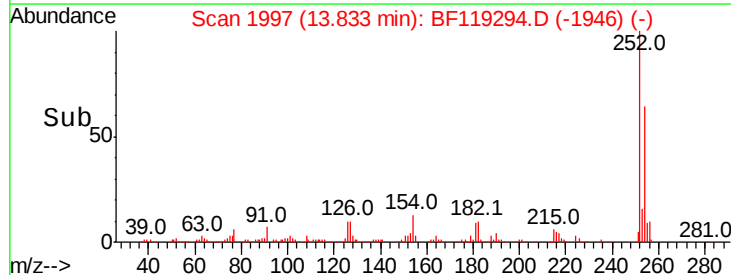
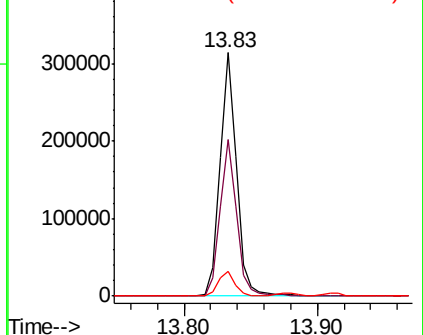
126 10.2 7.4 11.0

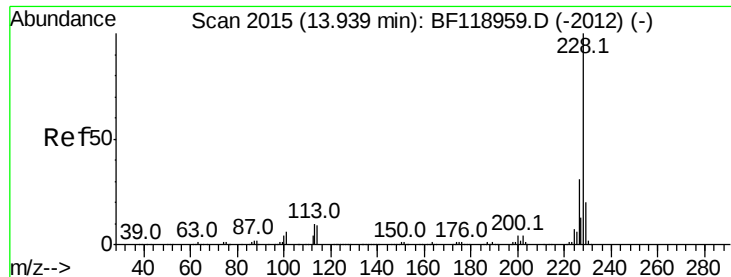


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

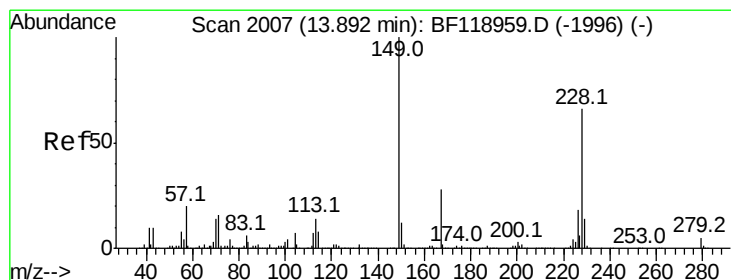
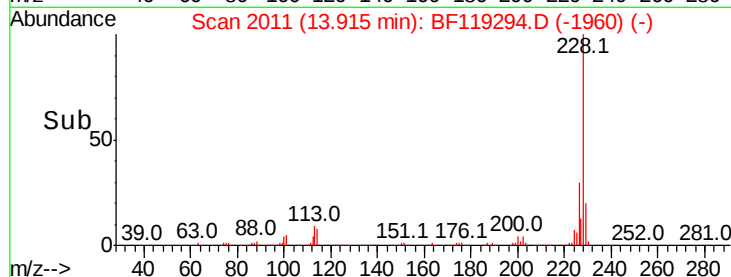
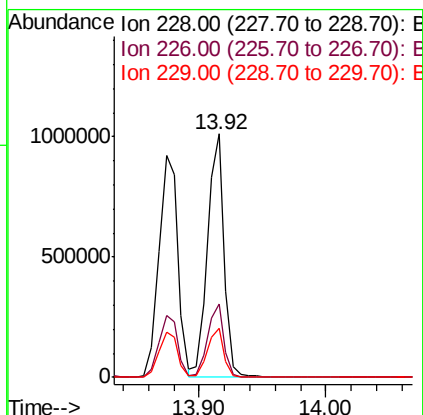
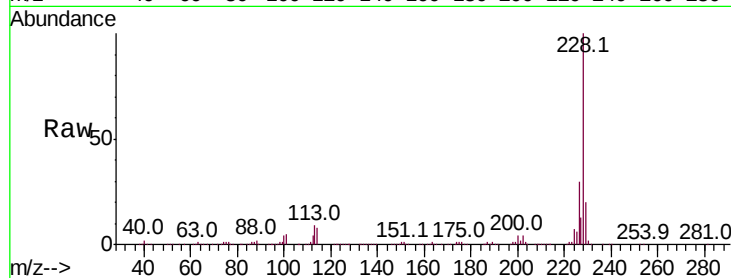




#83
 Chrvsene
 Concen: 45.044 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.00 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

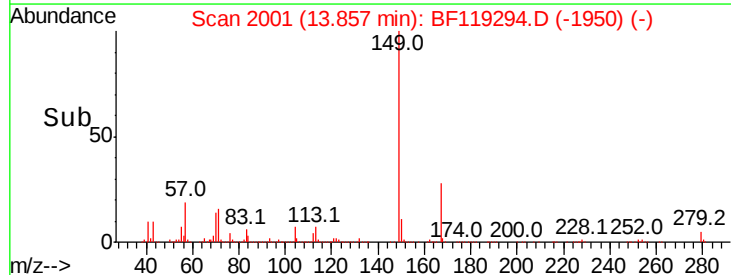
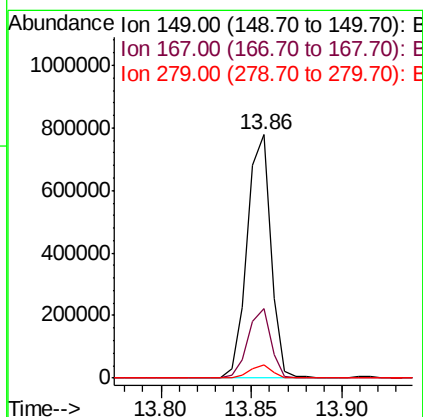
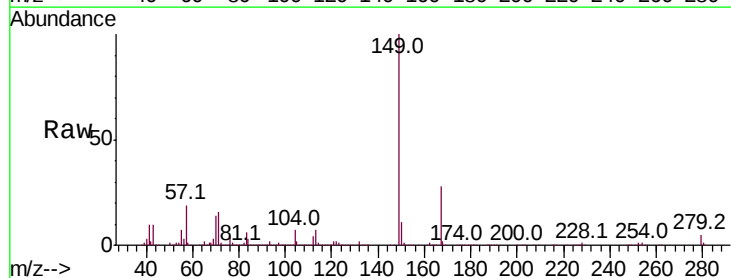
Instrument :
 BNA_F
 ClientSampleId :

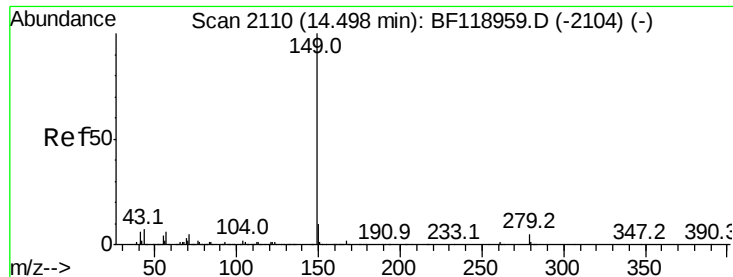
Tot Ion:228 Resp: 925444
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.1 37.7
 229 19.9 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 54.956 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF119294.D
 Acq: 9 Mar 2020 20:29

Tgt Ion:149 Resp: 710052
 Ion Ratio Lower Upper
 149 100
 167 28.5 22.8 34.2
 279 5.5 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 57.155 ng

RT: 14.46 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Instrument :

BNA_F

ClientSampleId :

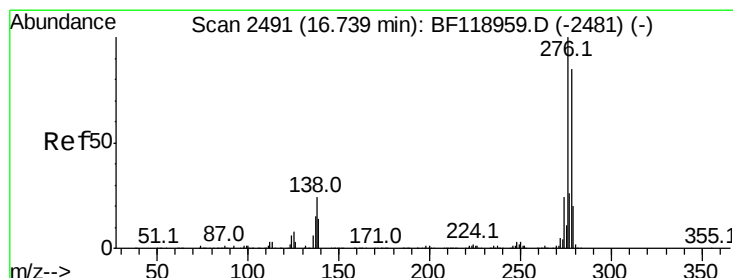
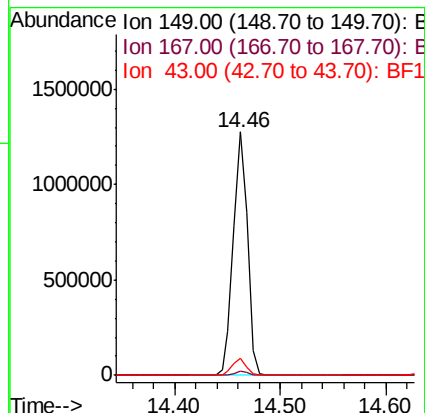
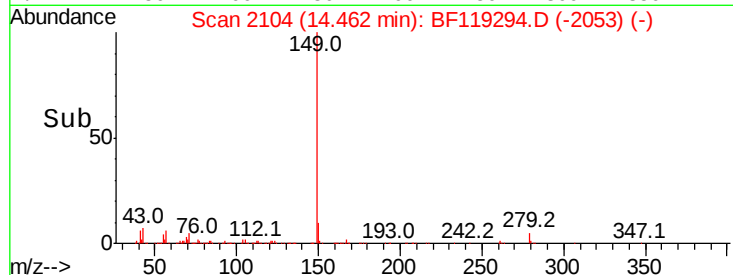
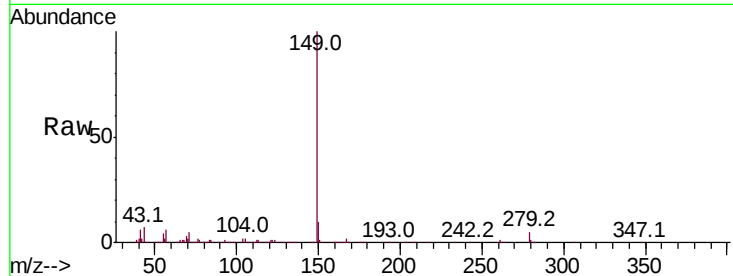
Tot Ion:149 Resp: 1176609

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 6.7 5.7 8.5



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.801 ng

RT: 16.73 min Scan# 2489

Delta R.T. 0.01 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

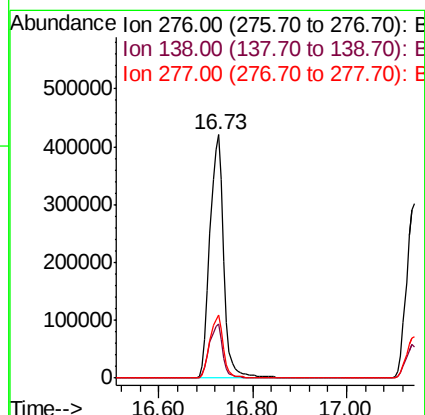
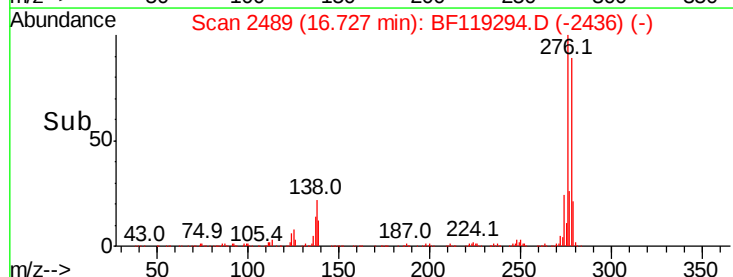
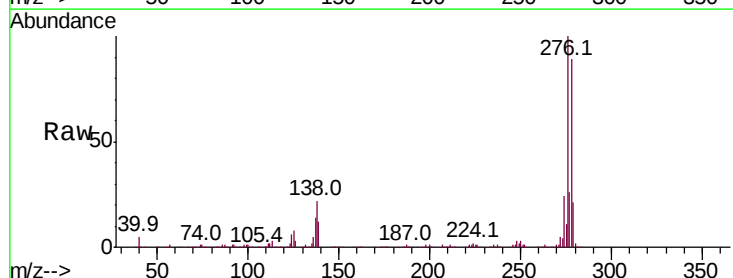
Tgt Ion:276 Resp: 871357

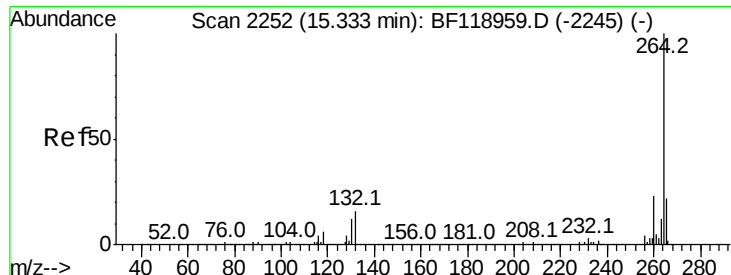
Ion Ratio Lower Upper

276 100

138 21.7 17.4 26.0

277 25.4 20.3 30.5



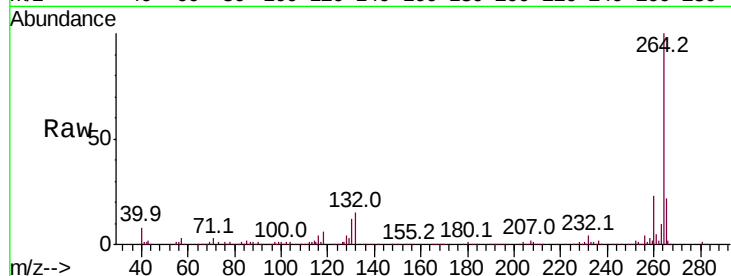


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

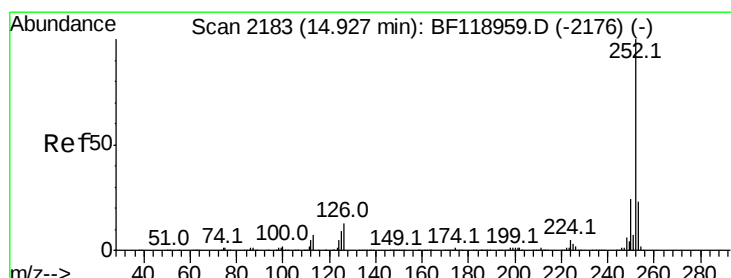
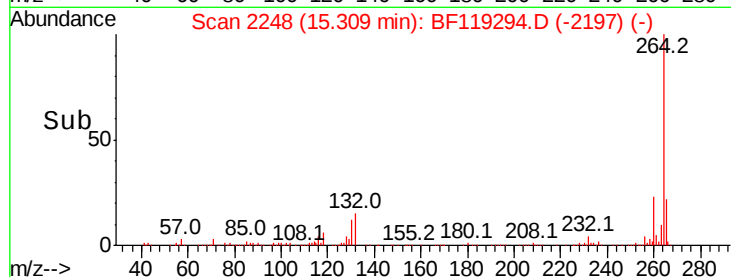
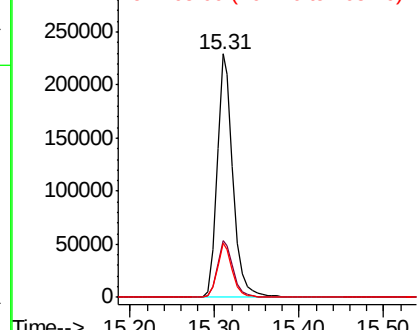
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 304020

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	22.2	17.7	26.5



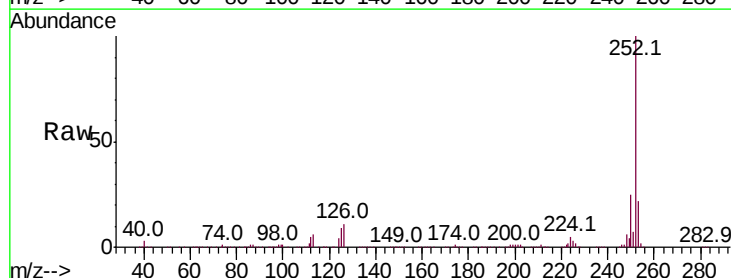
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



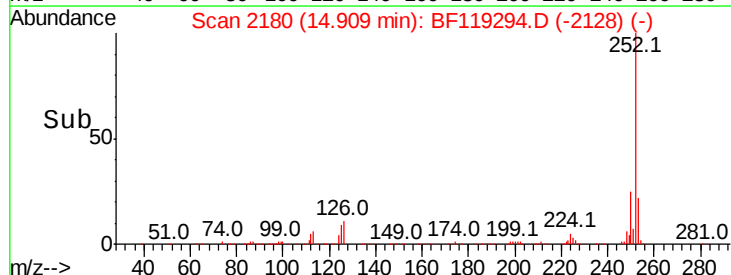
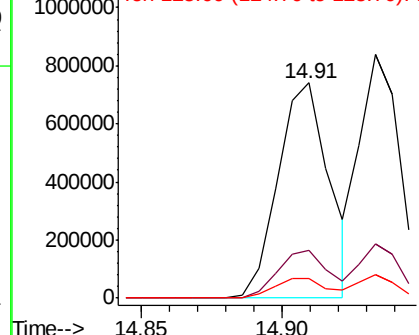
#88
Benzo(b)fluoranthene
Concen: 46.306 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

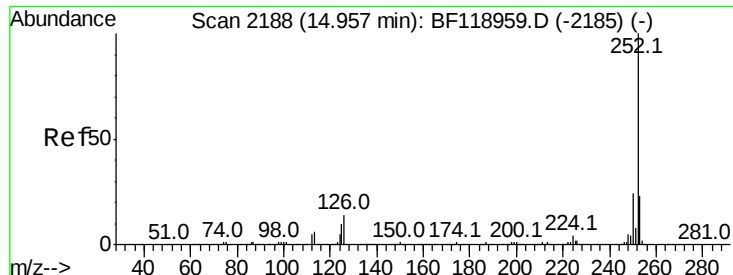
Tgt Ion:252 Resp: 927939

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	8.9	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

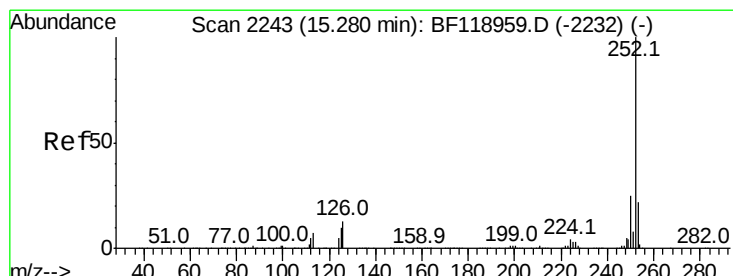
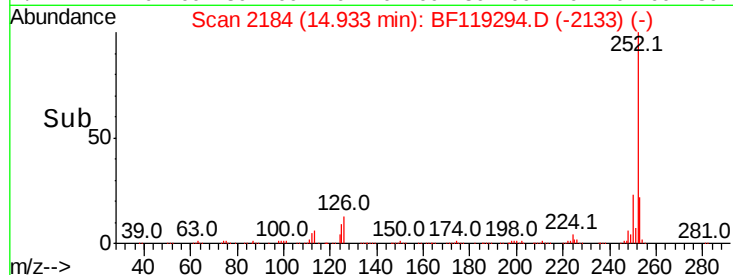
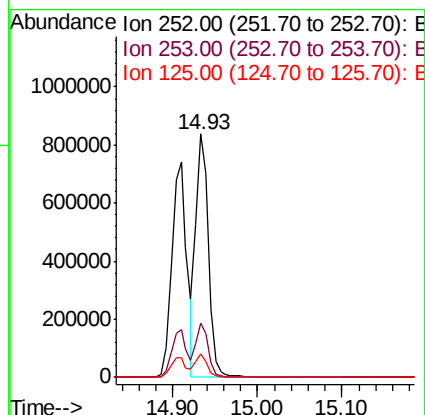
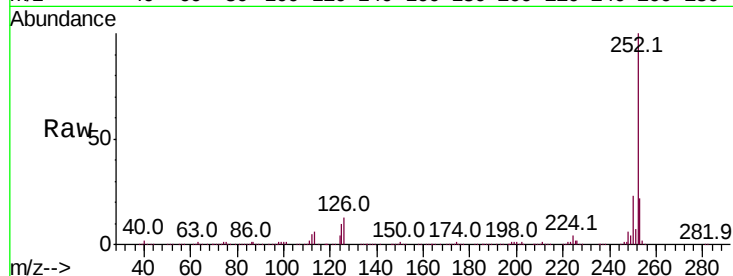




#89
Benzo(k)fluoranthene
Concen: 46.023 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

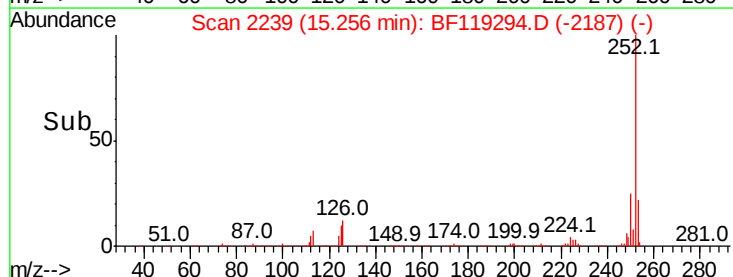
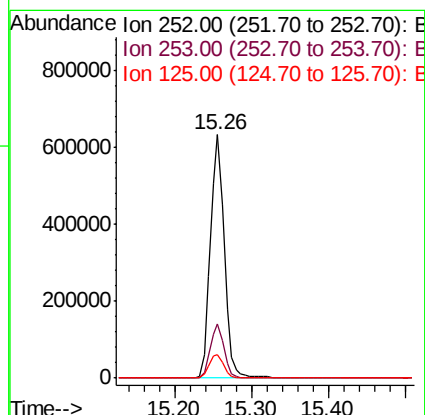
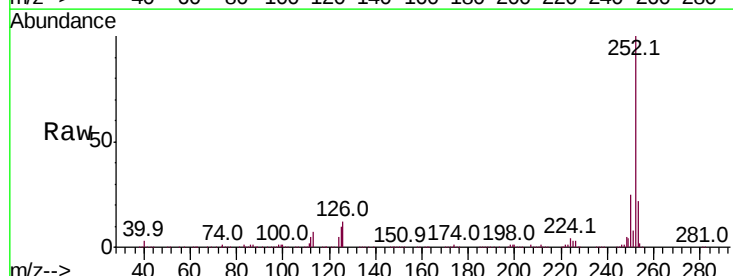
Instrument :
BNA_F
ClientSampleId :

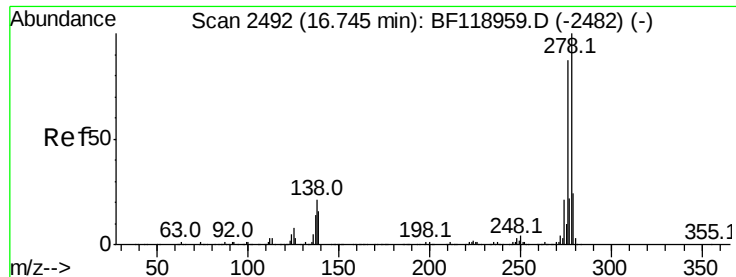
Tot Ion:252 Resp: 854696
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 9.5 7.5 11.3



#90
Benzo(a)pyrene
Concen: 43.487 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF119294.D
Acq: 9 Mar 2020 20:29

Tgt Ion:252 Resp: 786509
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 9.9 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 46.144 ng

RT: 16.72 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

Instrument :

BNA_F

ClientSampleId :

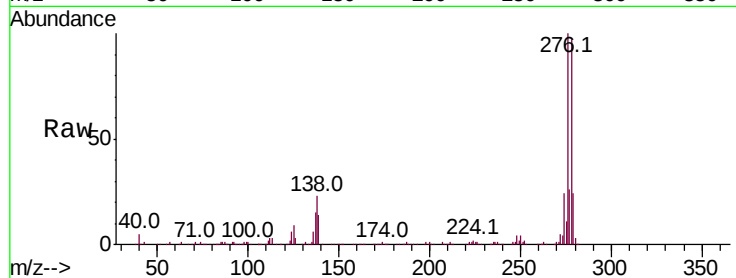
Tot Ion:278 Resp: 734312

Ion Ratio Lower Upper

278 100

139 14.9 11.0 16.4

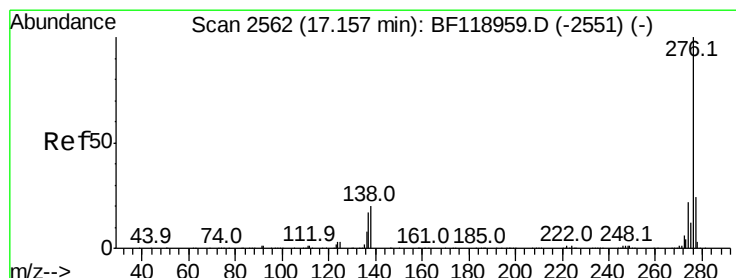
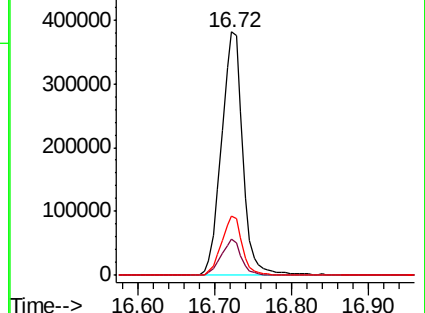
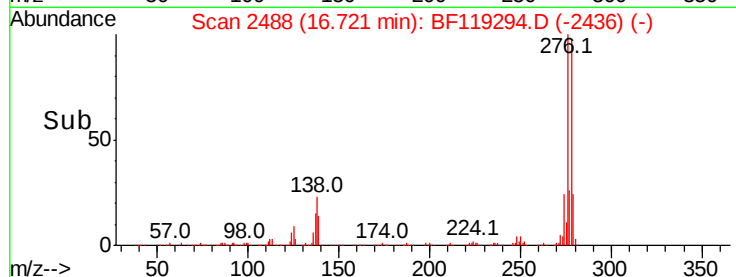
279 24.4 18.6 28.0



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: 44.838 ng

RT: 17.14 min Scan# 2560

Delta R.T. 0.01 min

Lab File: BF119294.D

Acq: 9 Mar 2020 20:29

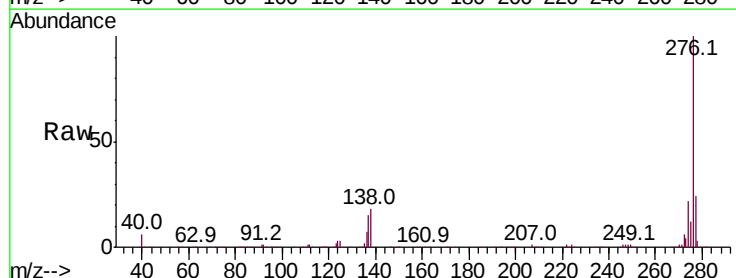
Tgt Ion:276 Resp: 705013

Ion Ratio Lower Upper

276 100

277 23.6 18.7 28.1

138 18.2 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

