

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119380.D
 Acq On : 12 Mar 2020 14:20
 Operator : CG/JU
 Sample : L1755-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 01:44:31 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	120055	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	453415	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	255455	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	464916	20.00	ng	0.00
76) Chrysene-d12	13.90	240	317260	20.00	ng	0.01
87) Perylene-d12	15.33	264	274084	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	860433	119.77	ng	0.02
7) Phenol-d6	6.39	99	958200	109.67	ng	0.00
23) Nitrobenzene-d5	7.29	82	742522	86.47	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	400543	119.86	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1428256	82.37	ng	0.00
79) Terphenyl-d14	12.83	244	1789380	97.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	112777	35.259	ng	# 87
3) Pyridine	3.35	79	130850	14.980	ng	96
4) n-Nitrosodimethylamine	3.22	42	119170	45.035	ng	92
6) Aniline	6.40	93	96175	8.921	ng	# 7
8) 2-Chlorophenol	6.52	128	356741	46.015	ng	100
9) Benzaldehyde	6.29	77	134283	23.004	ng	98
10) Phenol	6.40	94	391111	41.404	ng	81
11) bis(2-Chloroethyl)ether	6.46	93	343871	47.577	ng	98
12) 1,3-Dichlorobenzene	6.66	146	393527	42.350	ng	97
13) 1,4-Dichlorobenzene	6.74	146	403954	43.443	ng	99
14) 1,2-Dichlorobenzene	6.89	146	368364	43.438	ng	98
15) Benzyl Alcohol	6.89	79	303916	48.130	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	260806	41.656	ng	# 48
17) 2-Methylphenol	7.00	107	280272	44.590	ng	93
18) Hexachloroethane	7.23	117	143276	43.068	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	250502	49.205	ng	98
20) 3+4-Methylphenols	7.16	107	376651	48.911	ng	# 86
22) Acetophenone	7.14	105	495321	47.215	ng	# 95
24) Nitrobenzene	7.31	77	379777	44.721	ng	96
25) Isophorone	7.55	82	684229	45.879	ng	97
26) 2-Nitrophenol	7.63	139	201012	44.674	ng	97
27) 2,4-Dimethylphenol	7.68	122	308596	50.534	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	406802	41.907	ng	99
29) 2,4-Dichlorophenol	7.89	162	317428	44.155	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	344234	40.386	ng	97
31) Naphthalene	8.03	128	1042749	44.344	ng	98
32) Benzoic acid	7.86	122	171972	39.904	ng	98
33) 4-Chloroaniline	8.11	127	93742	9.269	ng	98
34) Hexachlorobutadiene	8.14	225	214252	40.354	ng	98
35) Caprolactam	8.47	113	40248	18.182	ng	98
36) 4-Chloro-3-methylphenol	8.59	107	339635	46.682	ng	99
37) 2-Methylnaphthalene	8.72	142	710310	44.886	ng	99
38) 1-Methylnaphthalene	8.82	142	681727	45.807	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	356170	41.353	ng	99

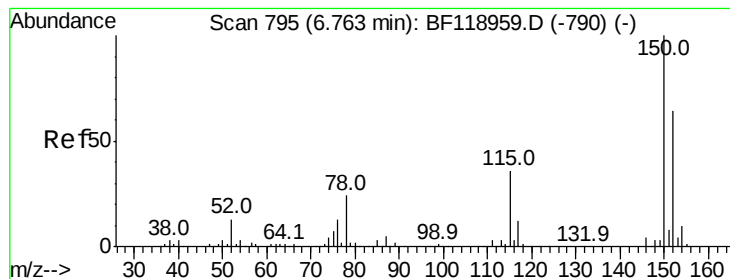
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119380.D
 Acq On : 12 Mar 2020 14:20
 Operator : CG/JU
 Sample : L1755-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 01:44:31 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)
41) Hexachlorocyclopentadiene	8.87	237	138428	48.364	ng	98
43) 2,4,6-Trichlorophenol	9.02	196	222050	40.826	ng	100
44) 2,4,5-Trichlorophenol	9.07	196	219003	38.372	ng	95
46) 1,1'-Biphenyl	9.18	154	871745	42.223	ng	98
47) 2-Chloronaphthalene	9.21	162	698485	41.982	ng	98
48) 2-Nitroaniline	9.32	65	205778	44.344	ng	98
49) Acenaphthylene	9.62	152	1039373	43.254	ng	99
50) Dimethylphthalate	9.49	163	860005	44.026	ng	100
51) 2,6-Dinitrotoluene	9.56	165	188215	43.368	ng #	72
52) Acenaphthene	9.79	154	626918	43.267	ng	99
53) 3-Nitroaniline	9.74	138	72933	15.159	ng	94
54) 2,4-Dinitrophenol	9.86	184	163587	77.784	ng	92
55) Dibenzofuran	9.97	168	939806	43.455	ng	100
56) 4-Nitrophenol	9.97	139	549674	190.150	ng #	15
57) 2,4-Dinitrotoluene	9.97	165	242769	43.156	ng	98
58) Fluorene	10.31	166	764620	45.499	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	208515	43.297	ng	96
60) Diethylphthalate	10.19	149	810481	44.027	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	394280	44.324	ng	99
62) 4-Nitroaniline	10.36	138	157679	32.032	ng	92
63) Azobenzene	10.46	77	738500	46.153	ng	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	132118	46.962	ng	98
66) n-Nitrosodiphenylamine	10.42	169	679785	44.655	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	257233	42.329	ng	97
68) Hexachlorobenzene	10.87	284	293049	41.825	ng	98
69) Atrazine	10.96	200	200269	37.653	ng	97
70) Pentachlorophenol	11.07	266	196008	69.447	ng	97
71) Phenanthrene	11.27	178	1112985	43.897	ng	99
72) Anthracene	11.33	178	1173828	46.336	ng	99
73) Carbazole	11.49	167	1020200	45.204	ng	98
74) Di-n-butylphthalate	11.80	149	1238771	45.325	ng	99
75) Fluoranthene	12.47	202	1195914	44.437	ng	98
77) Benzidine	12.59	184	153448	11.893	ng	98
78) Pyrene	12.69	202	1179625	46.304	ng	99
80) Butylbenzylphthalate	13.30	149	482127	44.966	ng	99
81) Benzo(a)anthracene	13.89	228	973793	45.048	ng	99
82) 3,3'-Dichlorobenzidine	13.84	252	178167	21.226	ng	98
83) Chrysene	13.92	228	948880	44.053	ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	632275	46.677	ng	99
85) Di-n-octyl phthalate	14.47	149	924075	42.816	ng	99
86) Indeno(1,2,3-cd)pyrene	16.76	276	809344	38.806	ng	100
88) Benzo(b)fluoranthene	14.92	252	781184	43.240	ng	100
89) Benzo(k)fluoranthene	14.95	252	823228	49.171	ng	99
90) Benzo(a)pyrene	15.27	252	705891	43.293	ng	99
91) Dibenzo(a,h)anthracene	16.75	278	668595	46.603	ng	99
92) Benzo(g,h,i)perylene	17.18	276	683667	48.230	ng	100

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

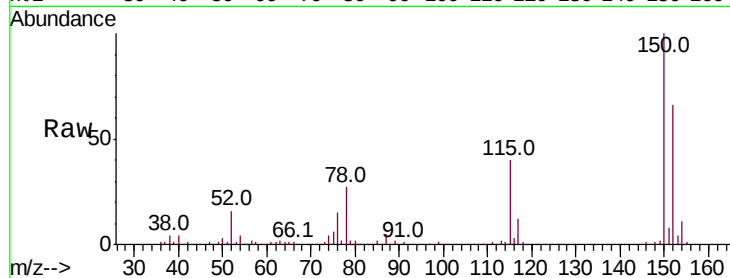


#1

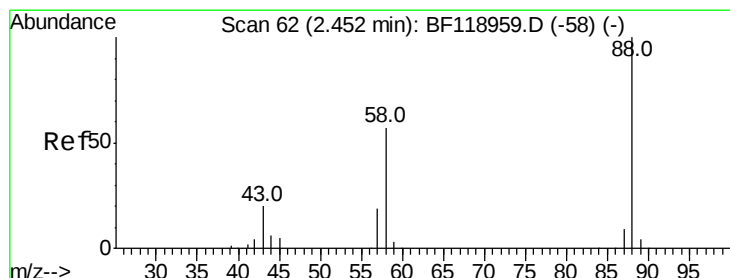
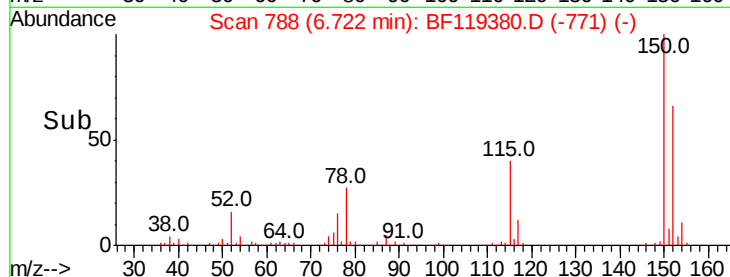
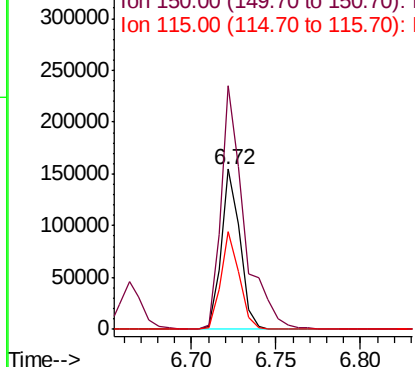
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119380.D
Acq: 12 Mar 2020 14:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	123.0	184.6
115	60.8	49.5	74.3



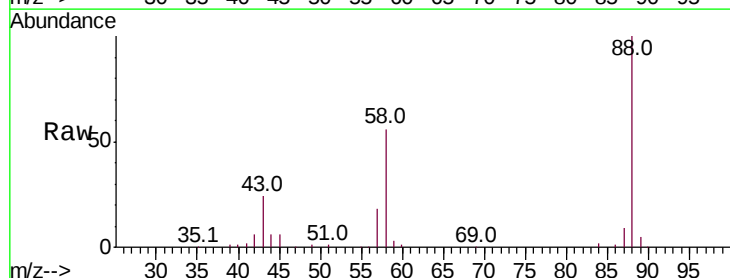
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



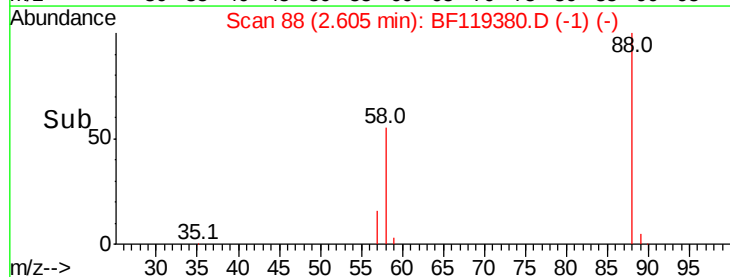
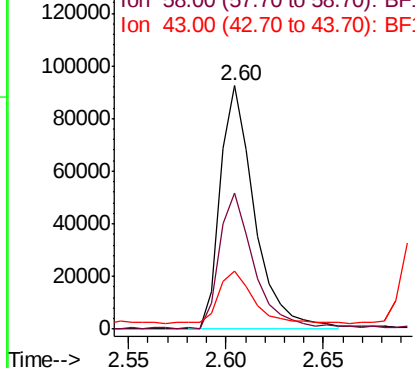
#2

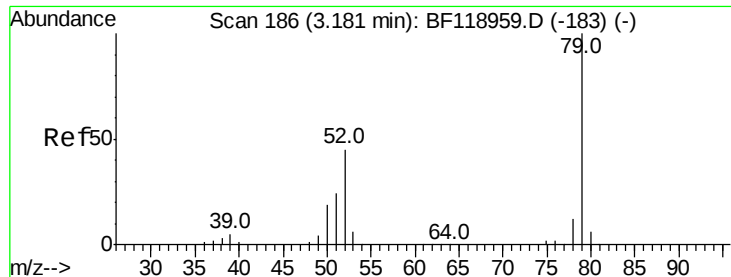
1,4-Dioxane
Concen: 35.259 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.22 min
Lab File: BF119380.D
Acq: 12 Mar 2020 14:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.4	43.8	65.6
43	0.0	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: 14.980 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.24 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

Instrument :

BNA_F

ClientSampled :

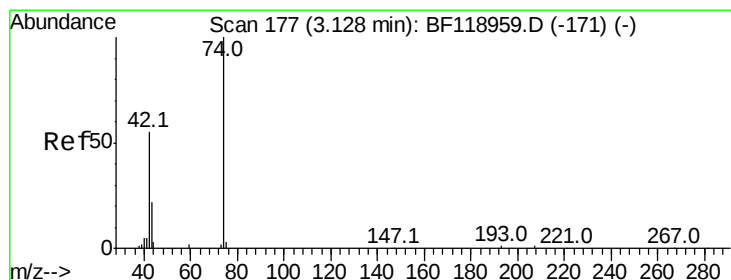
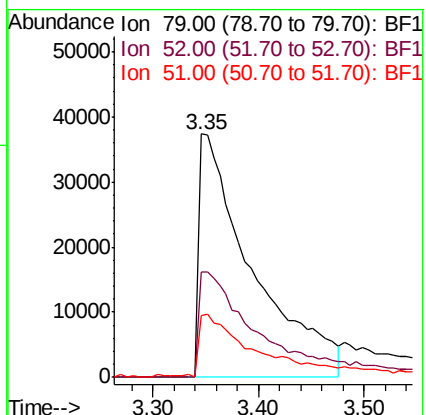
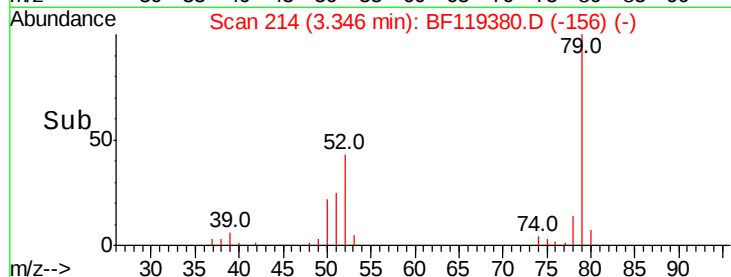
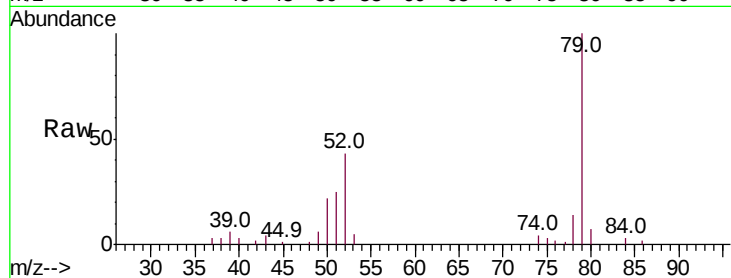
Tot Ion: 79 Resp: 130850

Ion Ratio Lower Upper

79 100

52 43.4 37.4 56.0

51 25.5 19.8 29.6



#4

n-Nitrosodimethylamine

Concen: 45.035 ng

RT: 3.22 min Scan# 193

Delta R.T. 0.16 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

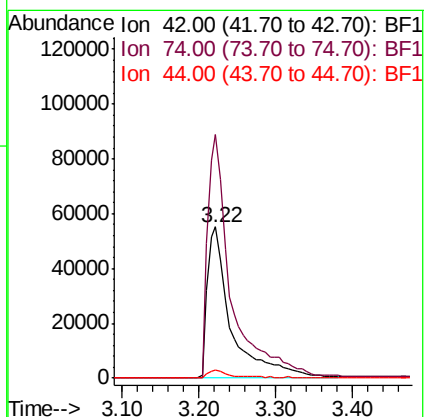
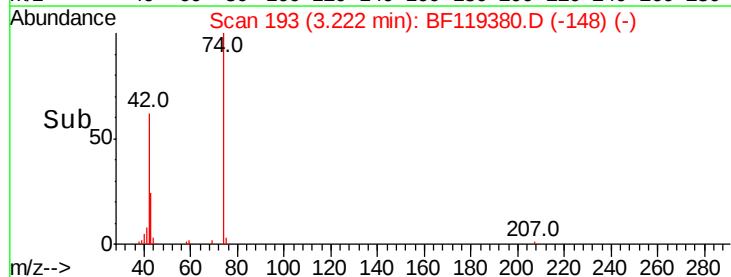
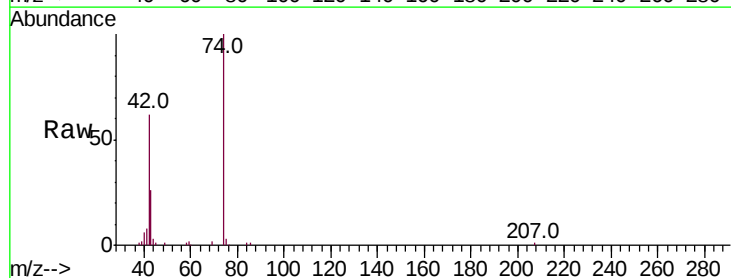
Tgt Ion: 42 Resp: 119170

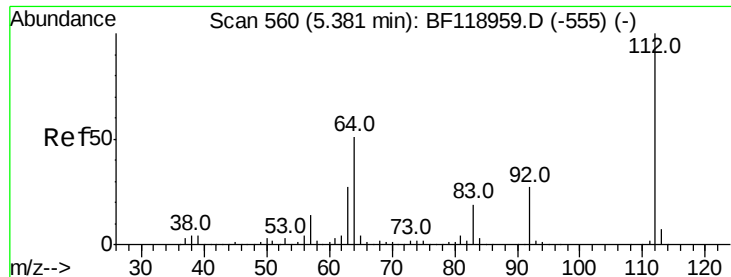
Ion Ratio Lower Upper

42 100

74 161.1 137.7 206.5

44 5.3 4.5 6.7





#5

2-Fluorophenol

Concen: 119.773 ng

RT: 5.37 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

Instrument :

BNA_F

ClientSampled :

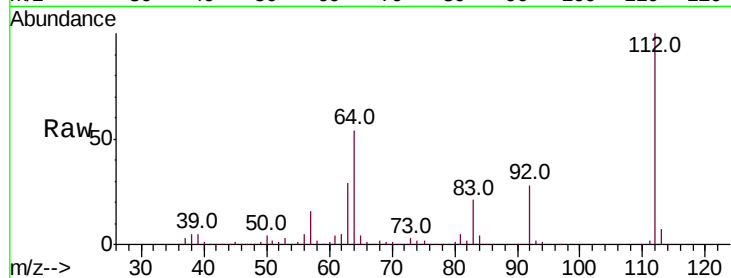
Tot Ion:112 Resp: 860433

Ion Ratio Lower Upper

112 100

64 54.2 45.0 67.4

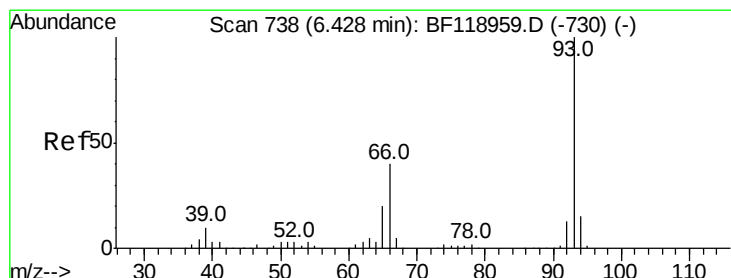
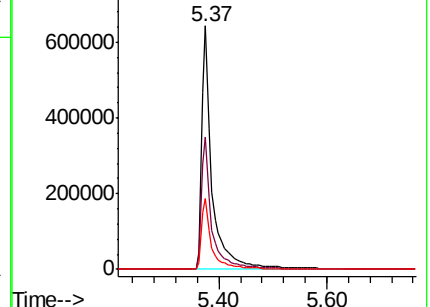
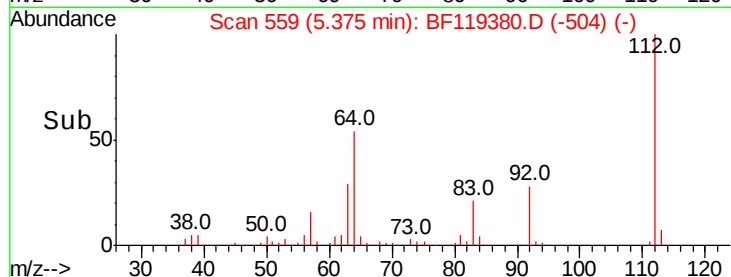
63 29.3 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 8.921 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

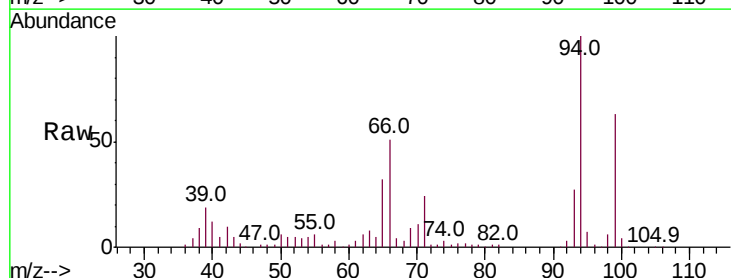
Tgt Ion: 93 Resp: 96175

Ion Ratio Lower Upper

93 100

66 189.1 74.5 111.7#

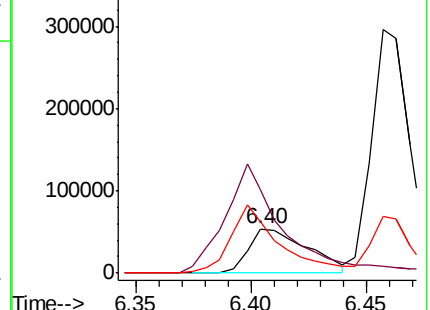
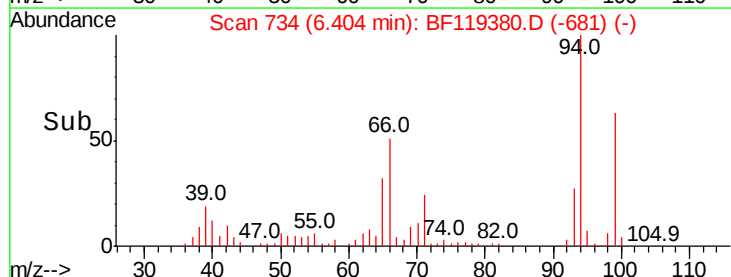
65 116.9 45.3 67.9#

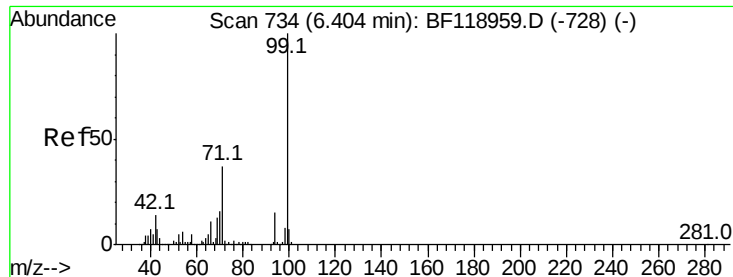


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 109.673 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

Instrument :

BNA_F

ClientSampleId :

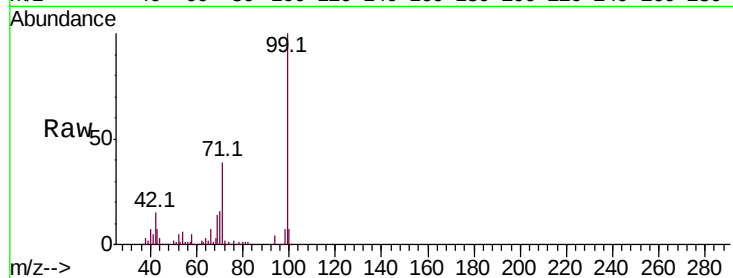
Tot Ion: 99 Resp: 958200

Ion Ratio Lower Upper

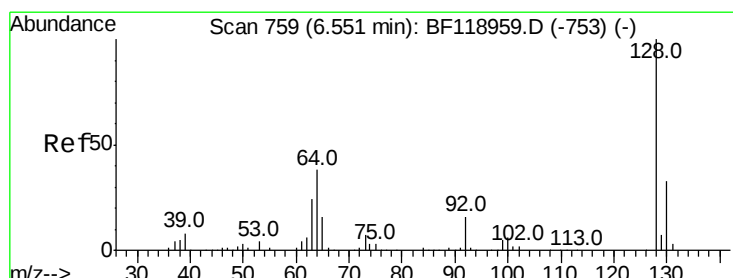
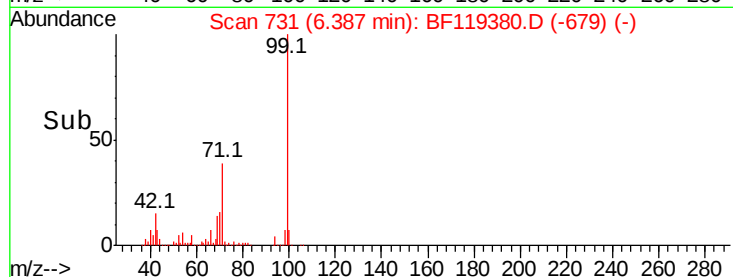
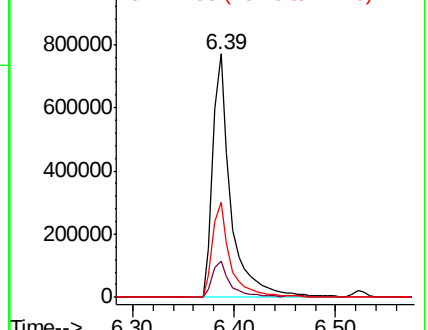
99 100

42 15.1 12.6 18.8

71 39.1 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: 46.015 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

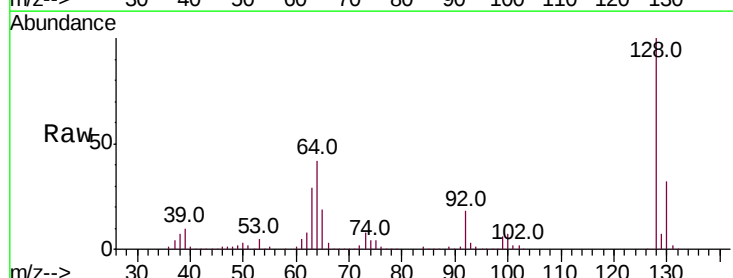
Tgt Ion:128 Resp: 356741

Ion Ratio Lower Upper

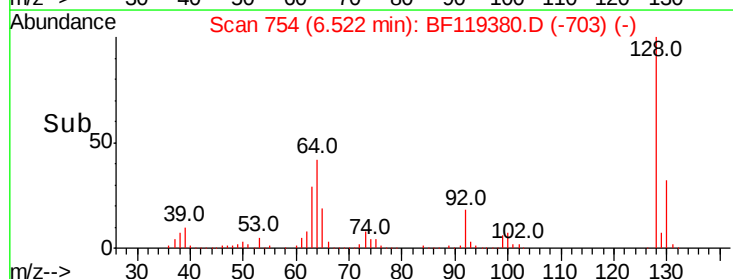
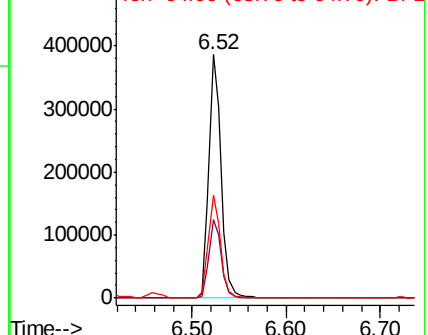
128 100

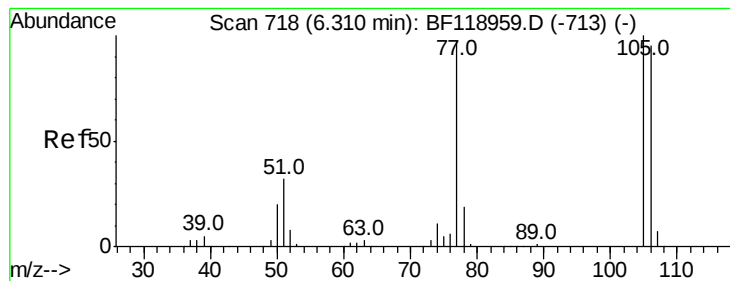
130 32.3 12.7 52.7

64 42.2 22.3 62.3



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





#9

Benzaldehyde

Concen: 23.004 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.01 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

Instrument :

BNA_F

ClientSampled :

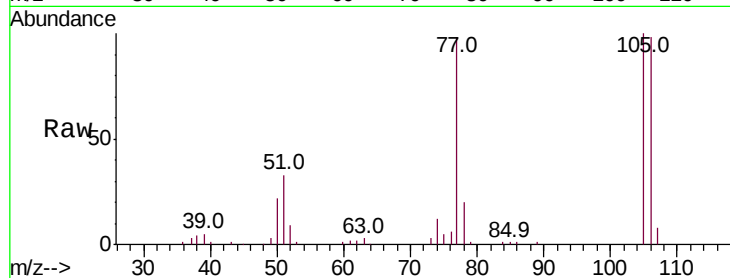
Tot Ion: 77 Resp: 134283

Ion Ratio Lower Upper

77 100

105 101.6 80.1 120.1

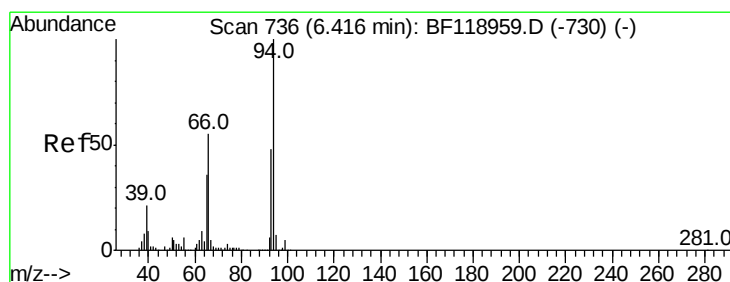
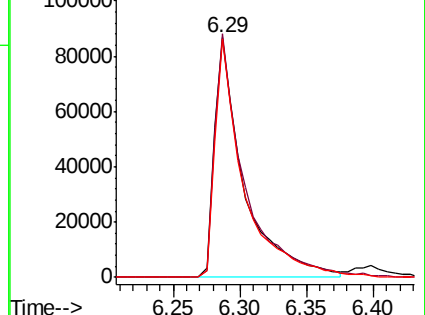
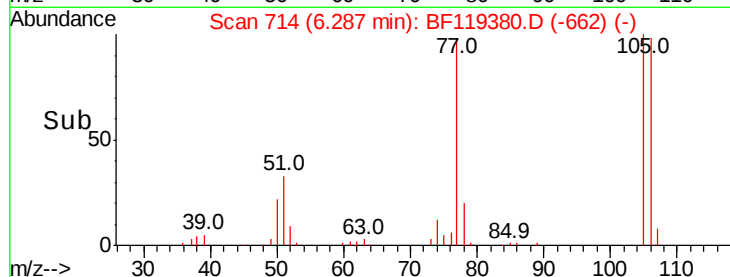
106 99.3 75.9 115.9



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: 41.404 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

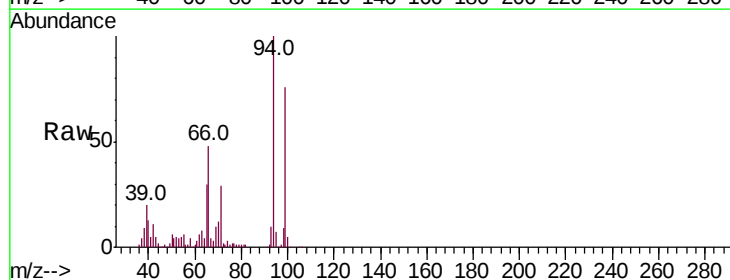
Tgt Ion: 94 Resp: 391111

Ion Ratio Lower Upper

94 100

65 30.1 19.2 59.2

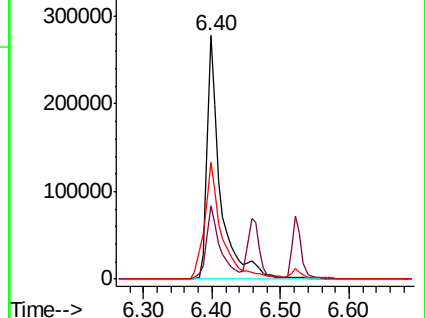
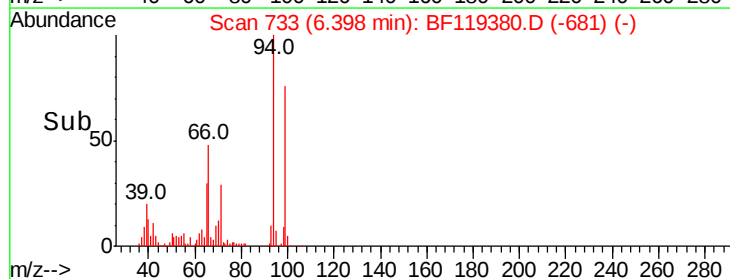
66 47.8 44.4 84.4

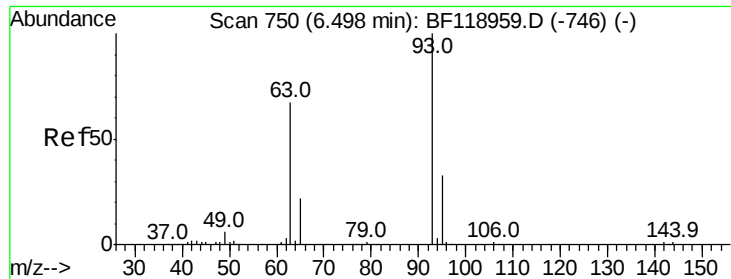


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

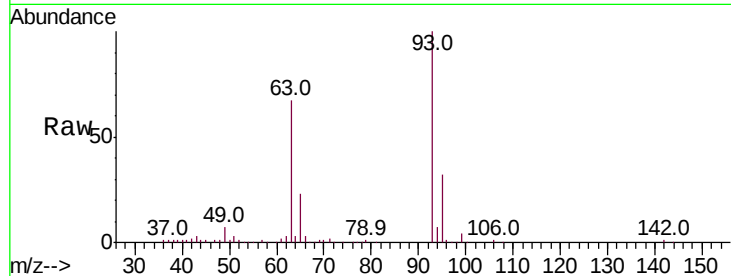




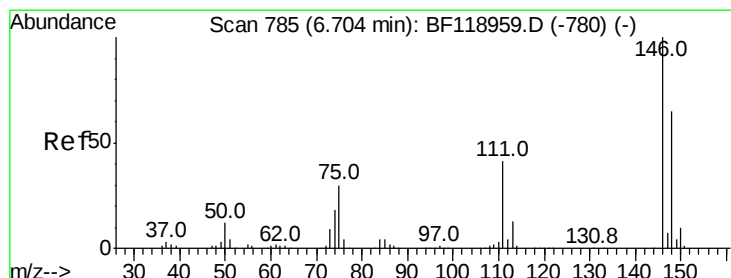
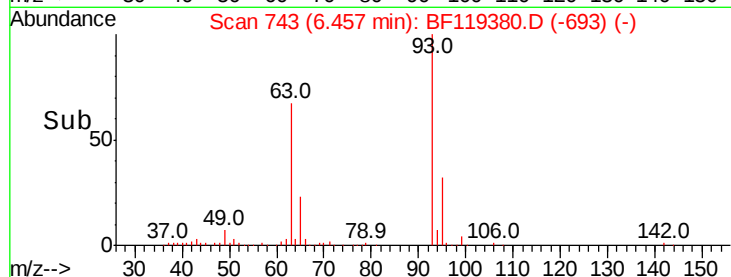
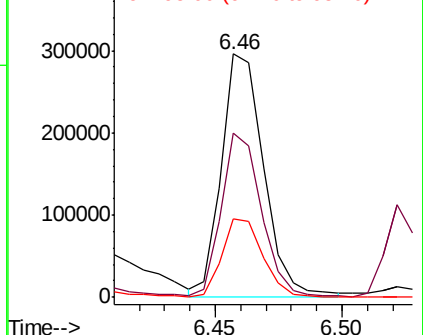
#11
bis(2-Chloroethyl)ether
Concen: 47.577 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF119380.D
Acq: 12 Mar 2020 14:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 343871
Ion Ratio Lower Upper
93 100
63 67.2 45.4 85.4
95 32.0 13.5 53.5

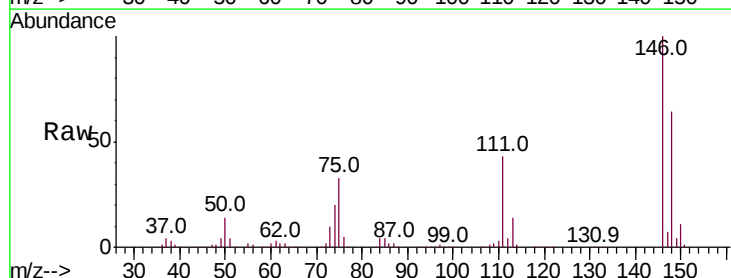


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

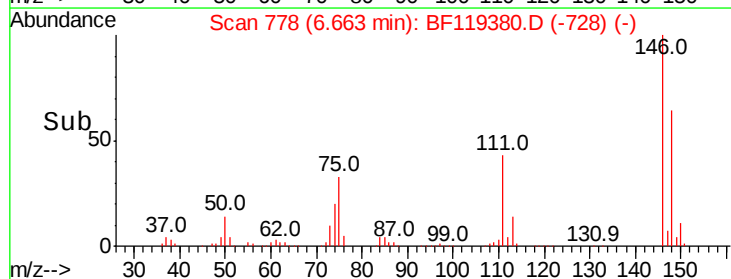
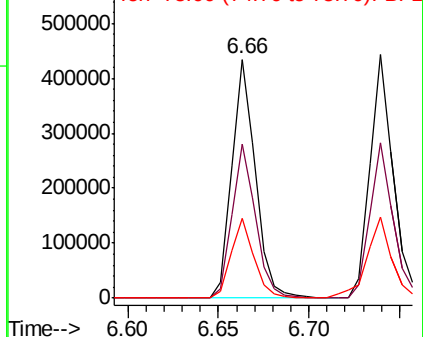


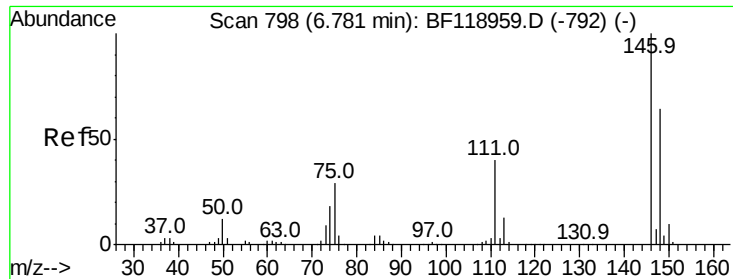
#12
1,3-Dichlorobenzene
Concen: 42.350 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF119380.D
Acq: 12 Mar 2020 14:20

Tgt Ion: 146 Resp: 393527
Ion Ratio Lower Upper
146 100
148 64.4 52.5 78.7
75 33.4 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

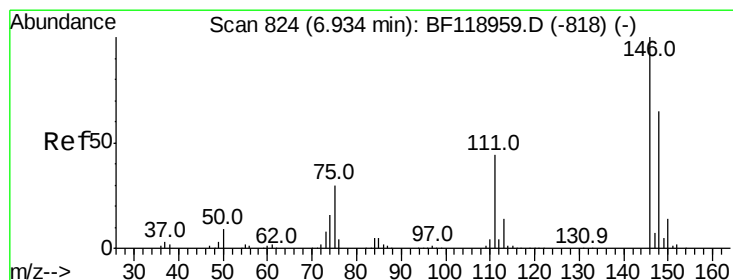
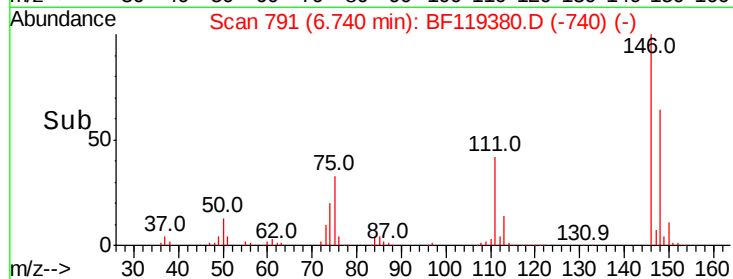
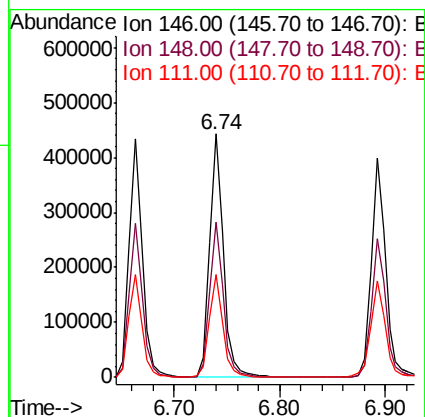
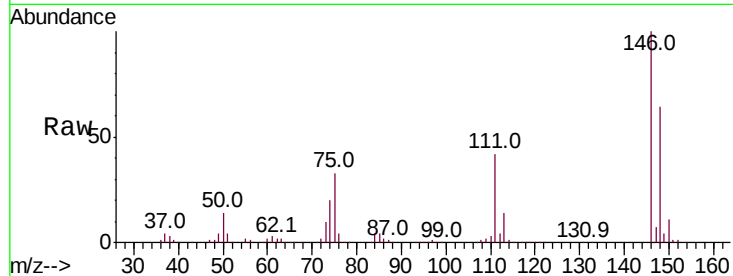




#13
 1,4-Dichlorobenzene
 Concen: 43.443 ng
 RT: 6.74 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF119380.D
 Acq: 12 Mar 2020 14:20

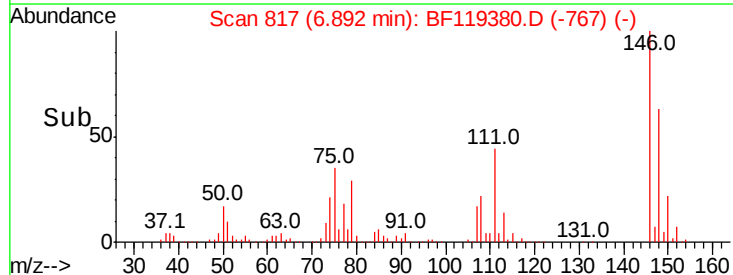
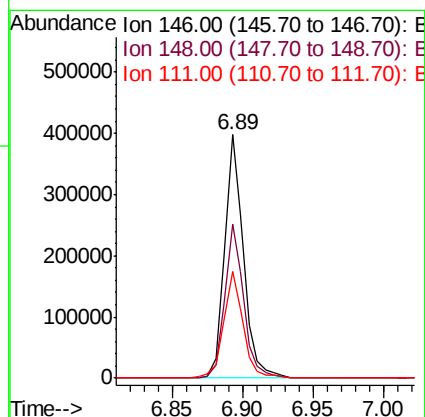
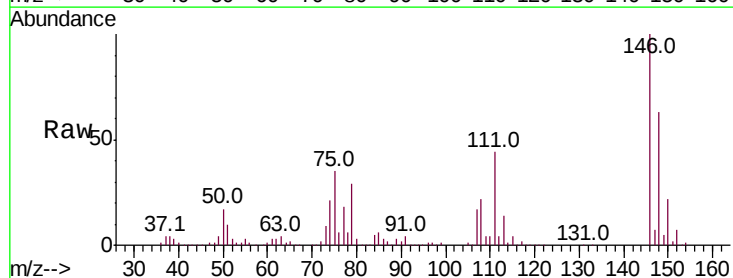
Instrument :
 BNA_F
 ClientSampled :

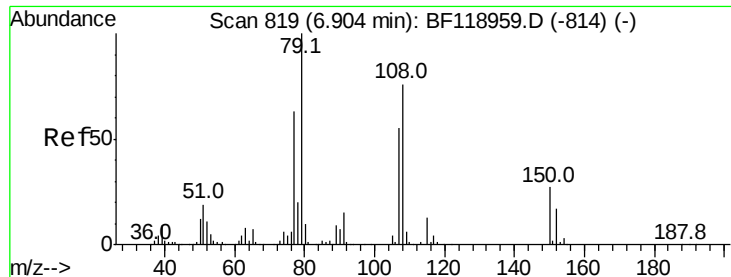
Tot Ion:146 Resp: 403954
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.1 76.7
 111 42.5 34.8 52.2



#14
 1,2-Dichlorobenzene
 Concen: 43.438 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF119380.D
 Acq: 12 Mar 2020 14:20

Tgt Ion:146 Resp: 368364
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.9 77.9
 111 44.0 36.2 54.2





#15

Benzyl Alcohol

Concen: 48.130 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

Instrument :
BNA_F
ClientSampled :

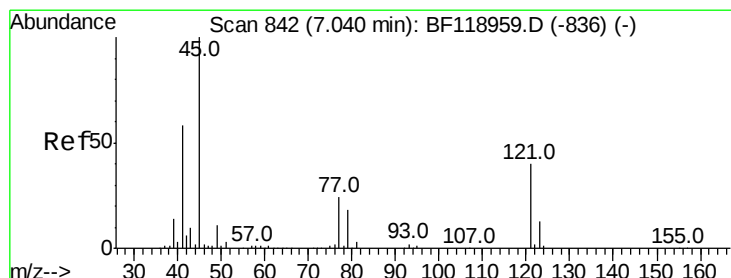
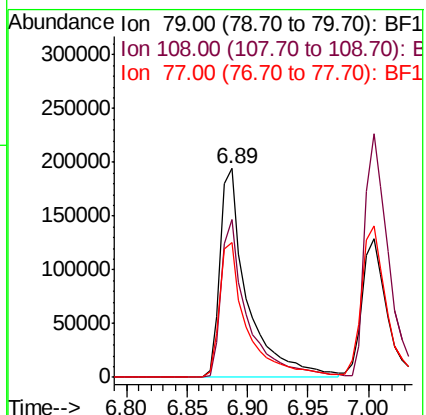
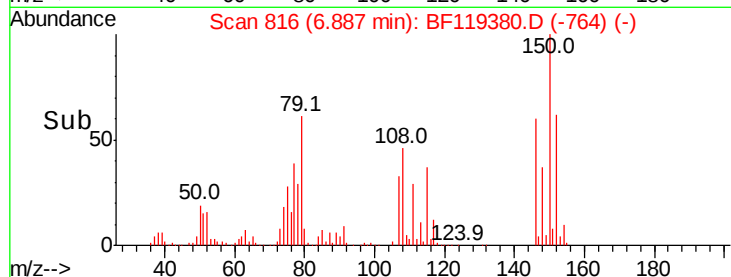
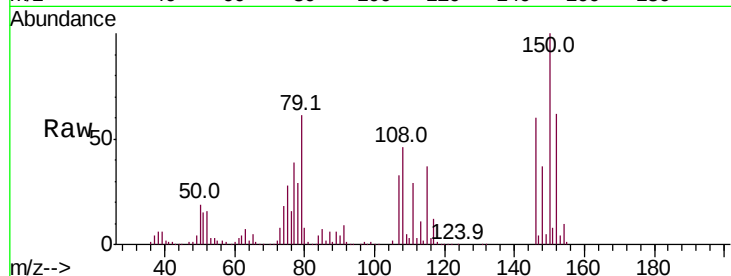
Tot Ion: 79 Resp: 303916

Ion Ratio Lower Upper

79 100

108 75.8 58.2 87.2

77 64.5 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.656 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

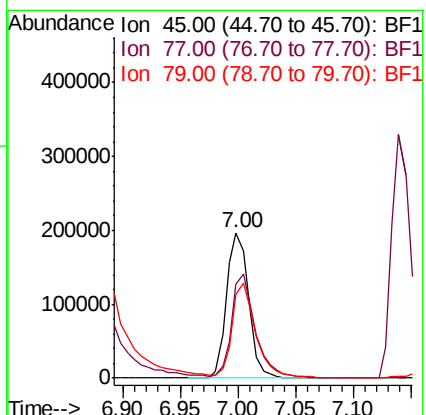
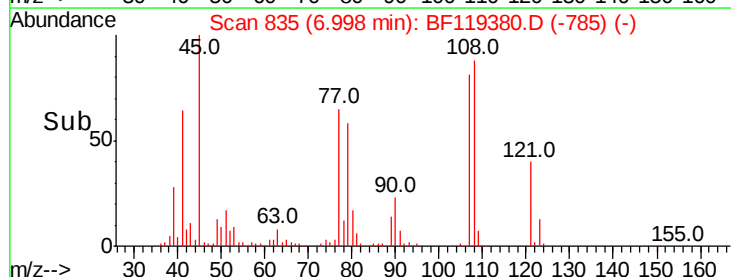
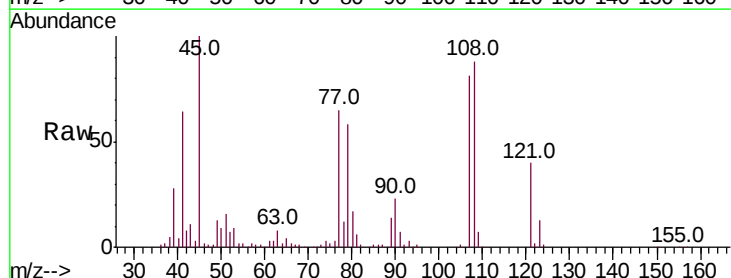
Tgt Ion: 45 Resp: 260806

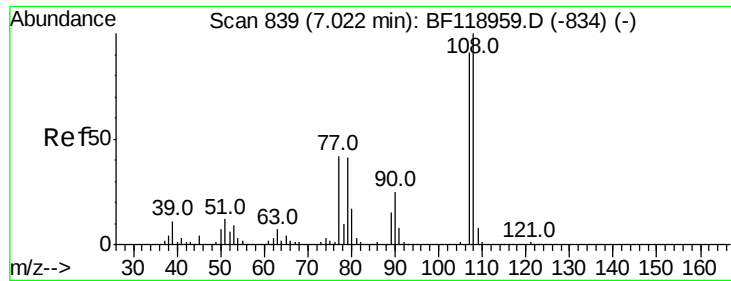
Ion Ratio Lower Upper

45 100

77 64.9 15.0 55.0#

79 57.8 9.4 49.4#

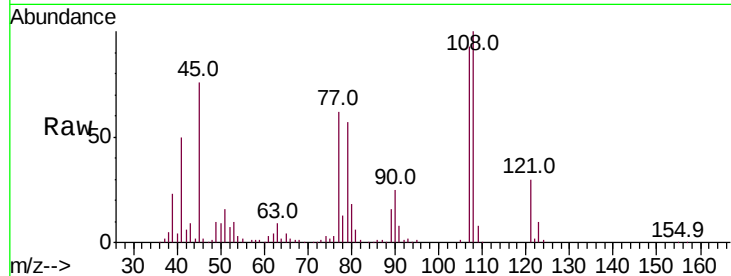




#17
2-Methylphenol
Concen: 44.590 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF119380.D
Acq: 12 Mar 2020 14:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	280272
Ion	Ratio	Lower	Upper
107	100		
108	107.9	87.9	131.9
77	66.8	45.3	67.9
79	61.6	43.0	64.4



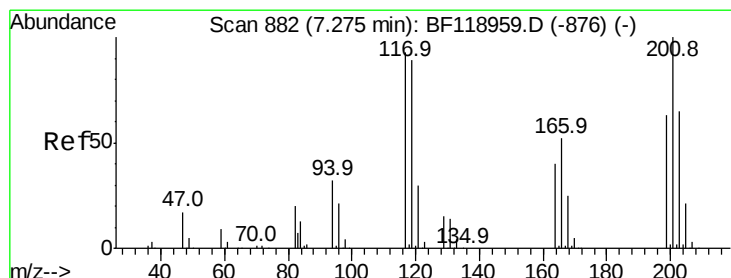
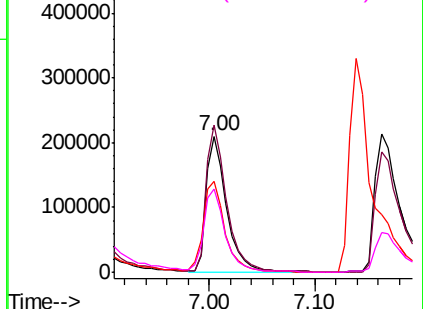
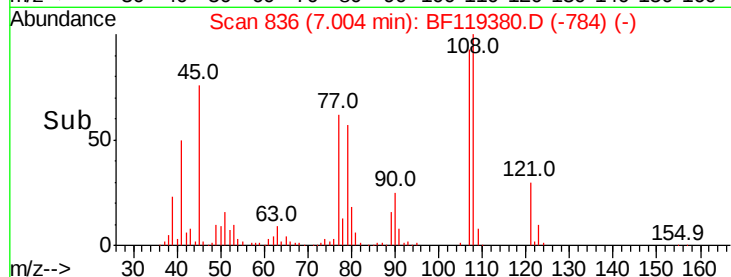
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

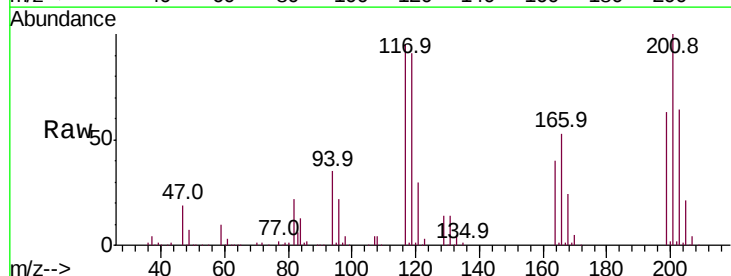
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 43.068 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF119380.D
Acq: 12 Mar 2020 14:20

Tgt Ion:	117	Resp:	143276
Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.5	116.3
201	105.5	82.6	123.8

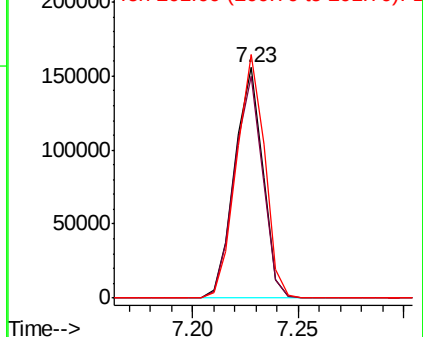
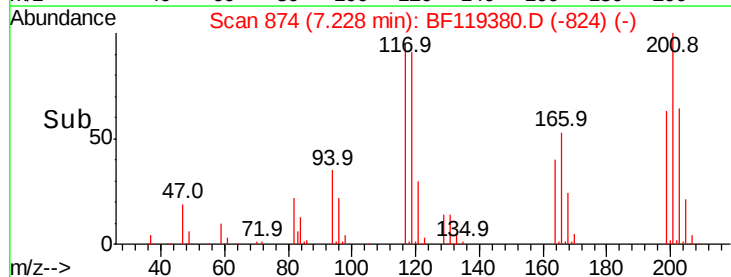


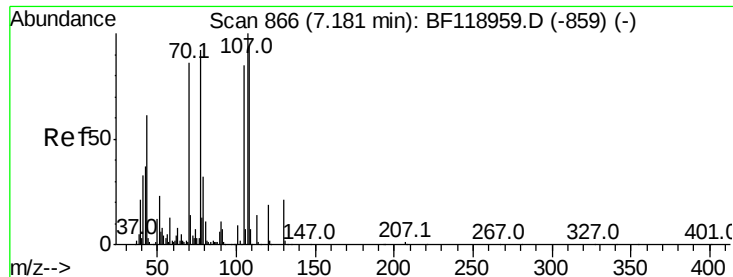
Abundance

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

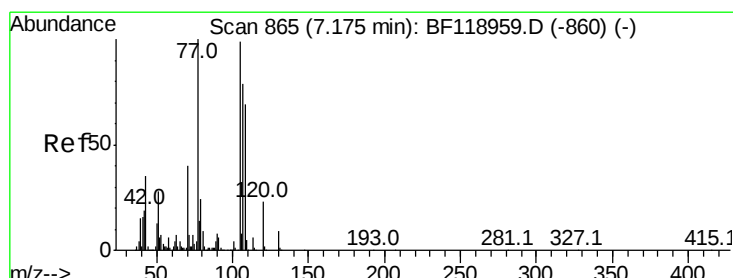
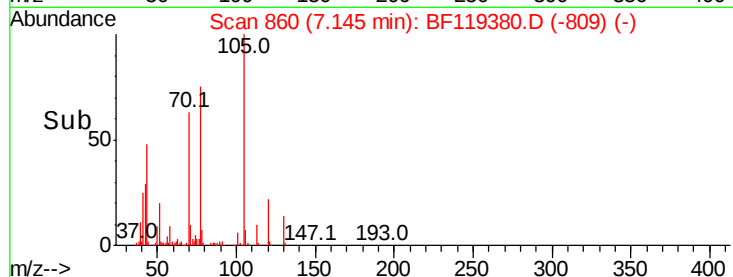
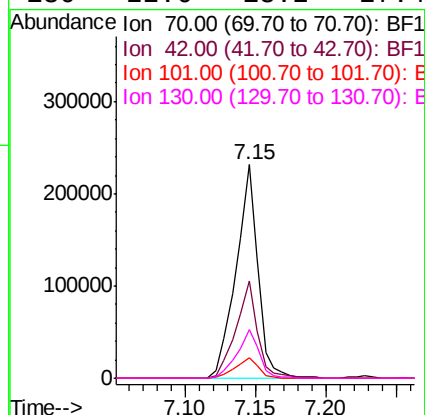
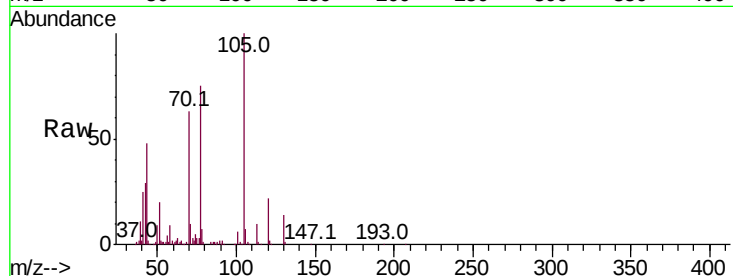




#19
n-Nitroso-di-n-propylamine
Concen: 49.205 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119380.D
Acq: 12 Mar 2020 14:20

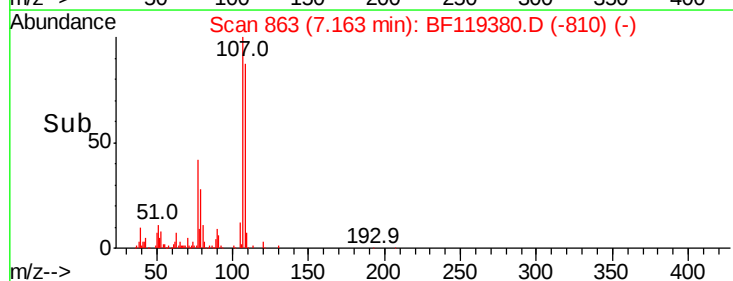
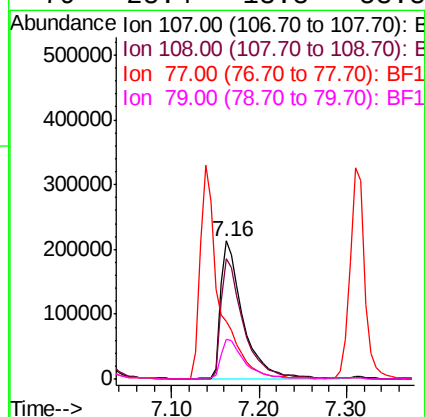
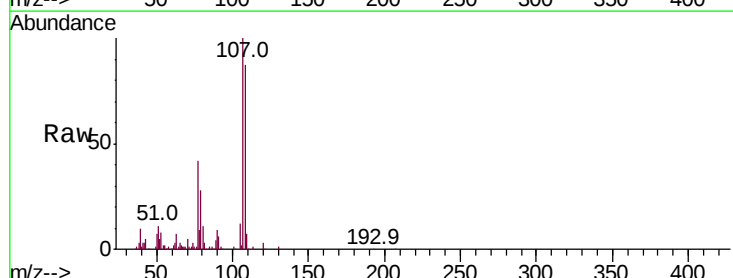
Instrument :
BNA_F
ClientSampleId :

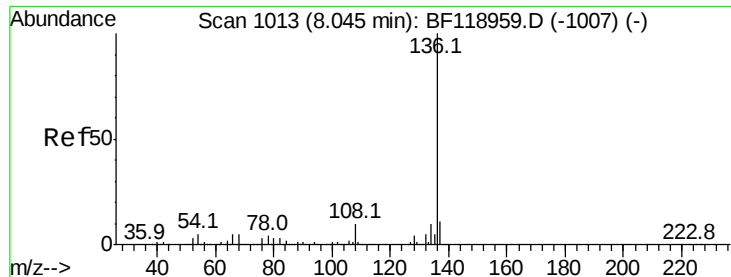
Tot Ion	Ratio	Lower	Upper
70	100		
42	45.3	38.0	57.0
101	9.4	8.2	12.4
130	22.6	18.2	27.4



#20
3+4-Methylphenols
Concen: 48.911 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF119380.D
Acq: 12 Mar 2020 14:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	71.5	111.5
77	41.8	45.9	85.9#
79	28.4	13.8	53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 453415

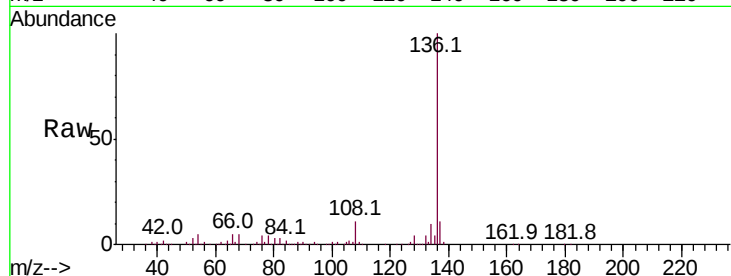
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 5.1 3.8 5.6

68 5.1 3.9 5.9

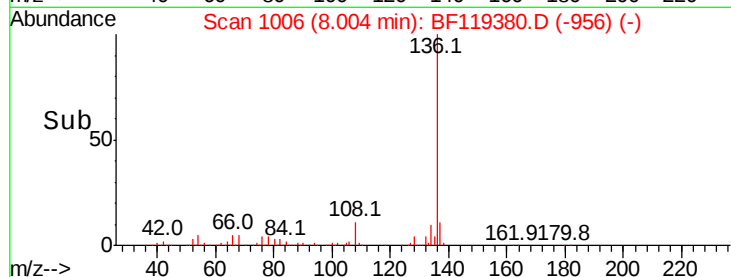


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

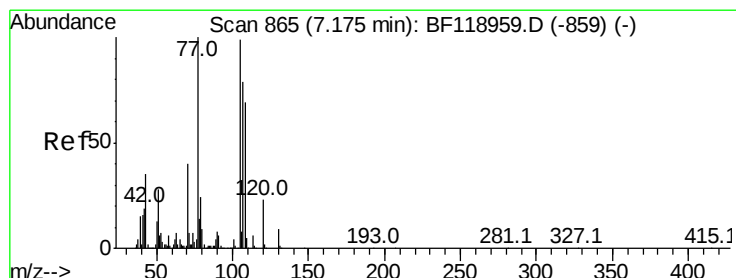
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->

8.00



#22

Acetophenone

Concen: 47.215 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

Tgt Ion:105 Resp: 495321

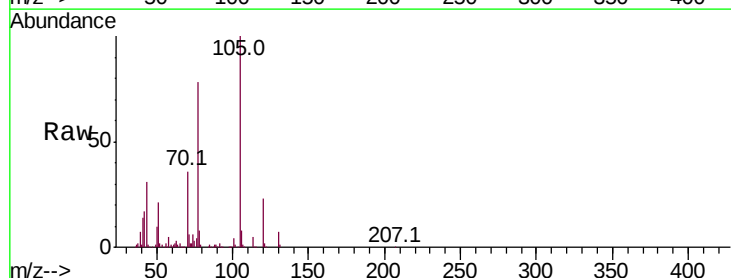
Ion Ratio Lower Upper

105 100

71 6.0 3.0 4.4#

51 21.1 20.1 30.1

120 22.8 18.0 27.0

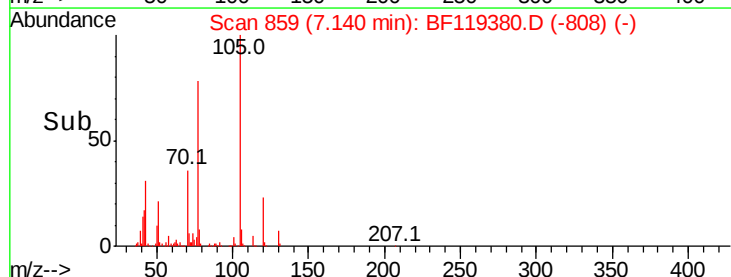


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

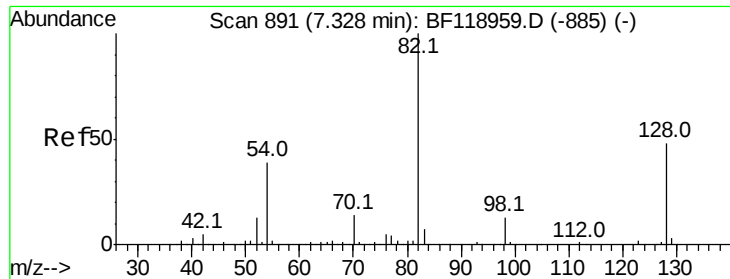
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

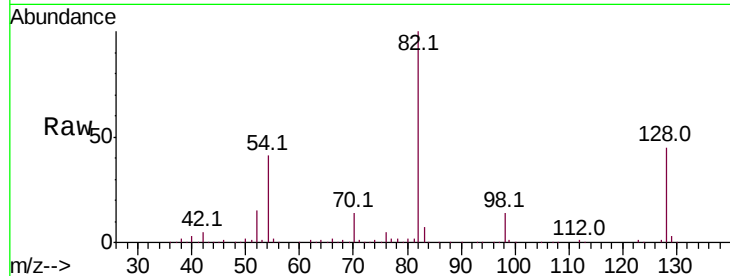
7.14



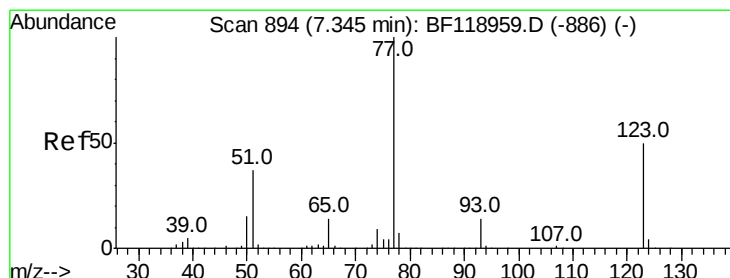
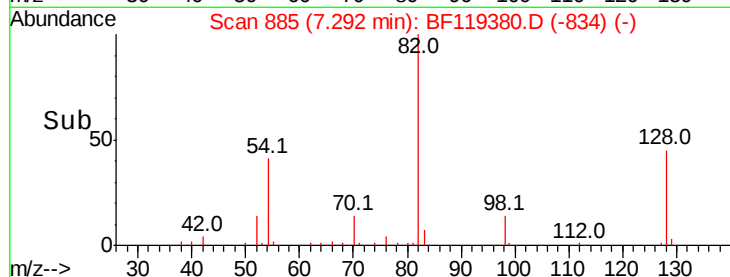
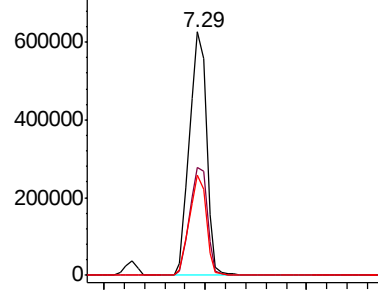
#23
 Nitrobenzene-d5
 Concen: 86.466 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF119380.D
 Acq: 12 Mar 2020 14:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 742522
 Ion Ratio Lower Upper
 82 100
 128 44.5 37.9 56.9
 54 41.2 33.4 50.2

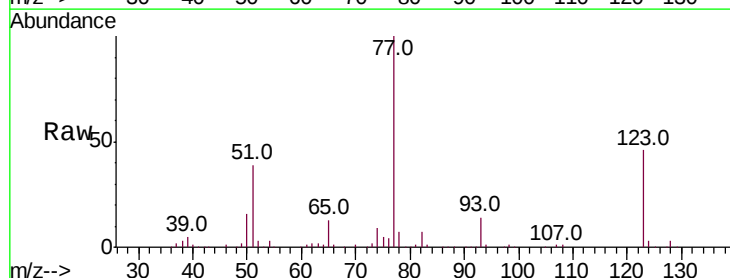


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

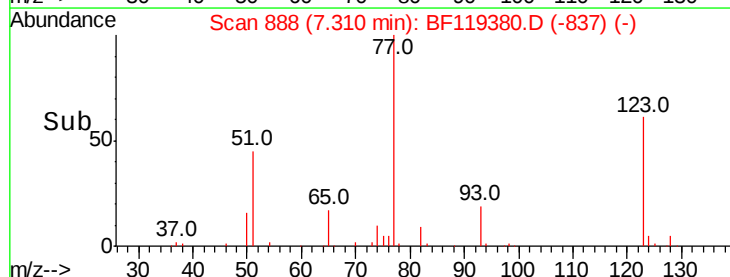
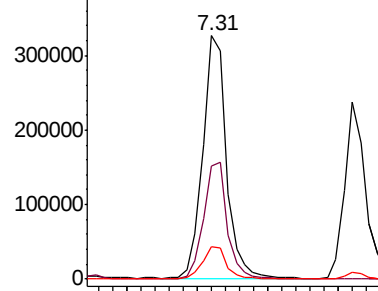


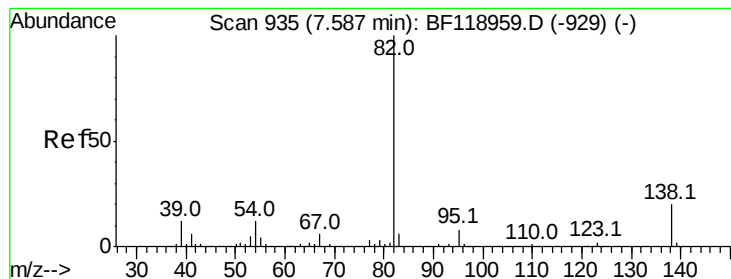
#24
 Nitrobenzene
 Concen: 44.721 ng
 RT: 7.31 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BF119380.D
 Acq: 12 Mar 2020 14:20

Tgt Ion: 77 Resp: 379777
 Ion Ratio Lower Upper
 77 100
 123 46.5 40.2 60.2
 65 13.5 10.8 16.2



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





#25

Isophorone

Concen: 45.879 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

Instrument :

BNA_F

ClientSampleId :

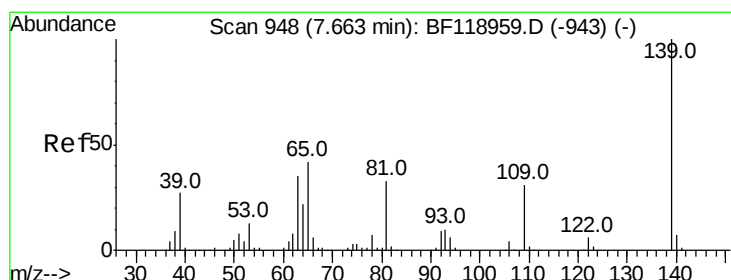
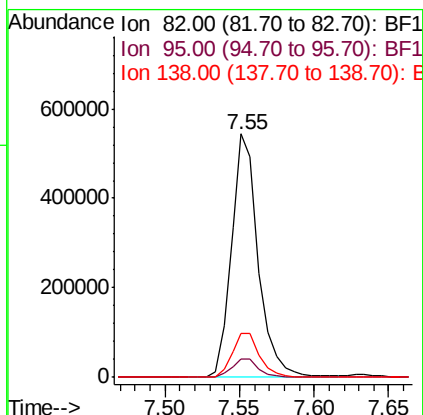
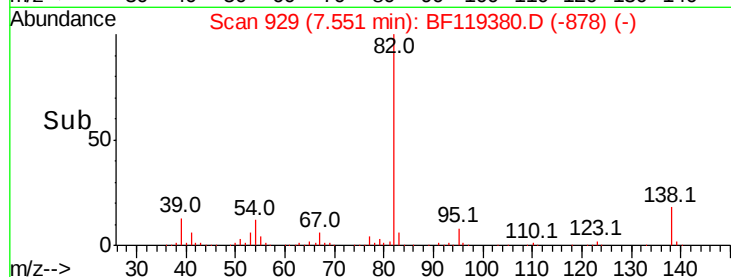
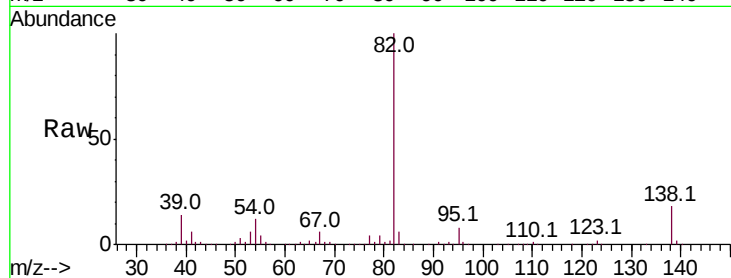
Tot Ion: 82 Resp: 684229

Ion Ratio Lower Upper

82 100

95 7.8 6.4 9.6

138 18.1 15.7 23.5



#26

2-Nitrophenol

Concen: 44.674 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

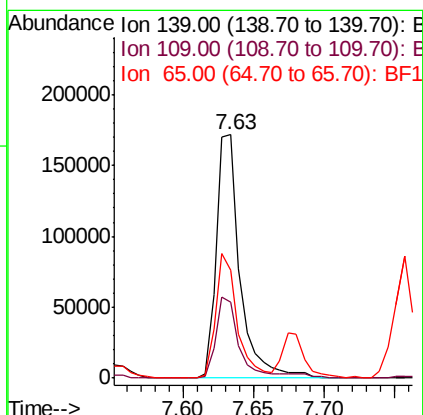
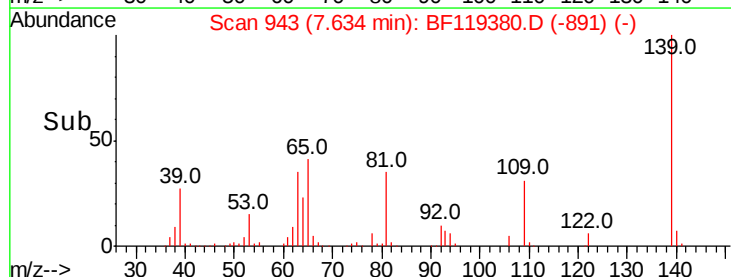
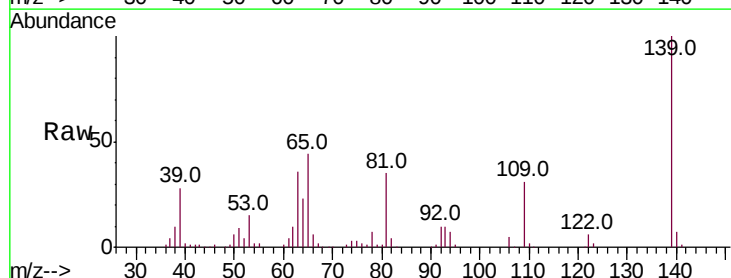
Tgt Ion: 139 Resp: 201012

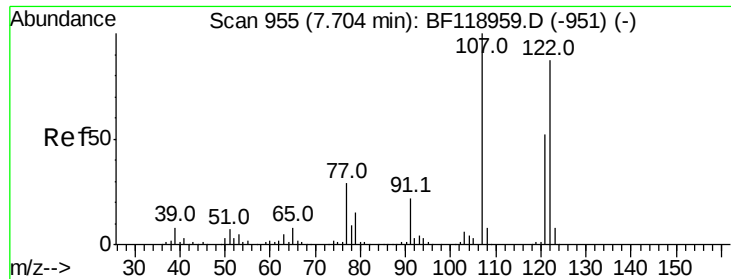
Ion Ratio Lower Upper

139 100

109 31.3 25.7 38.5

65 44.2 37.1 55.7

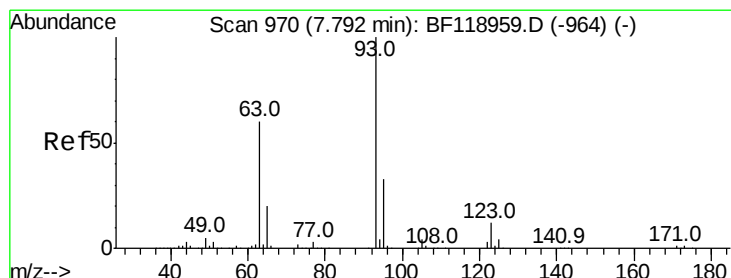
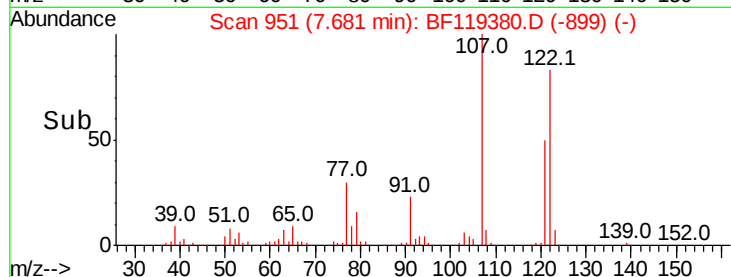
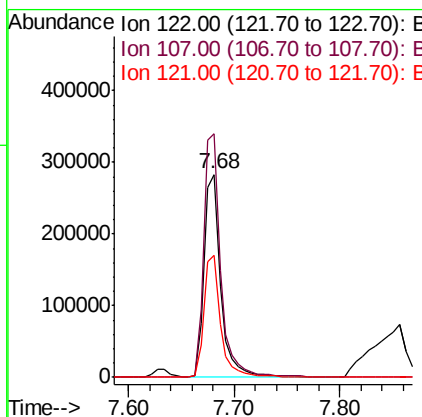
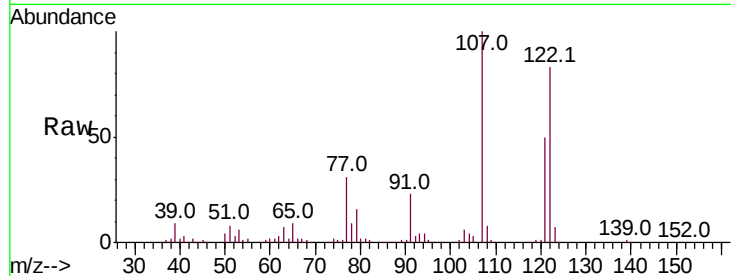




#27
 2,4-Dimethylphenol
 Concen: 50.534 ng
 RT: 7.68 min Scan# 951
 Delta R.T. 0.01 min
 Lab File: BF119380.D
 Acq: 12 Mar 2020 14:20

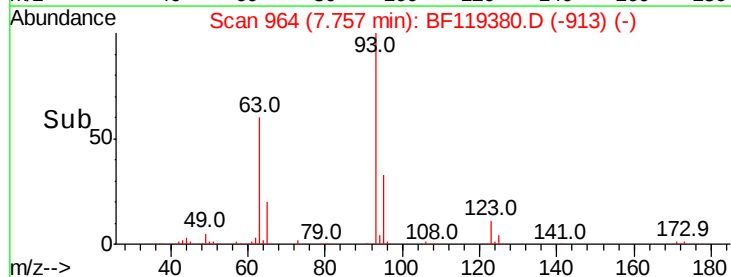
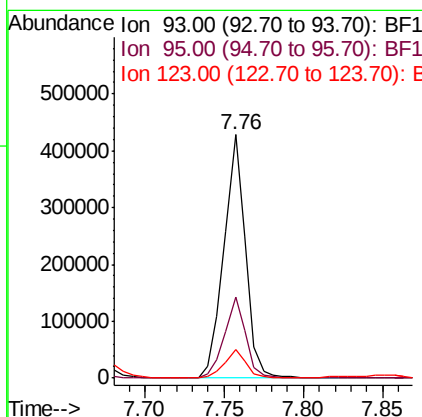
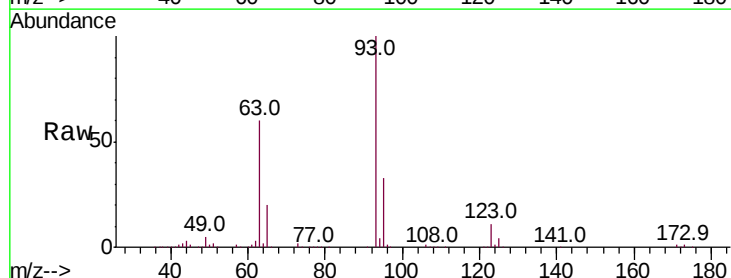
Instrument :
 BNA_F
 ClientSampled :

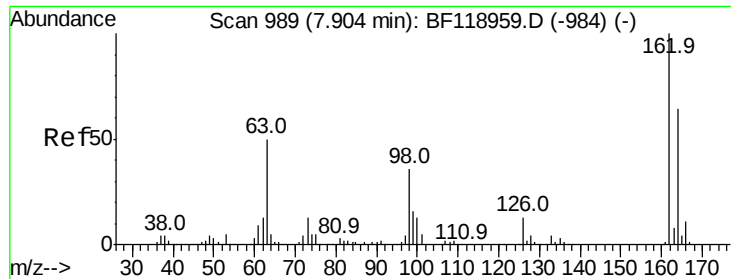
Tot Ion:122 Resp: 308596
 Ion Ratio Lower Upper
 122 100
 107 120.0 93.8 140.6
 121 60.2 48.2 72.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.907 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BF119380.D
 Acq: 12 Mar 2020 14:20

Tgt Ion: 93 Resp: 406802
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.5 39.7
 123 11.5 10.2 15.2

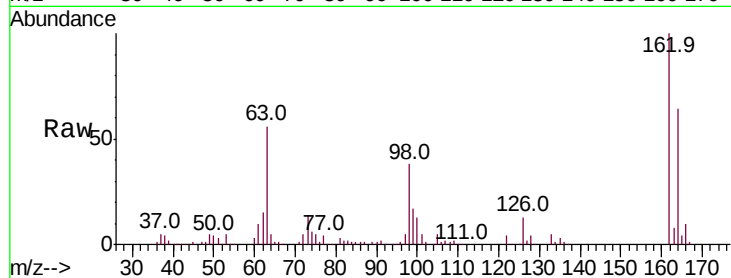




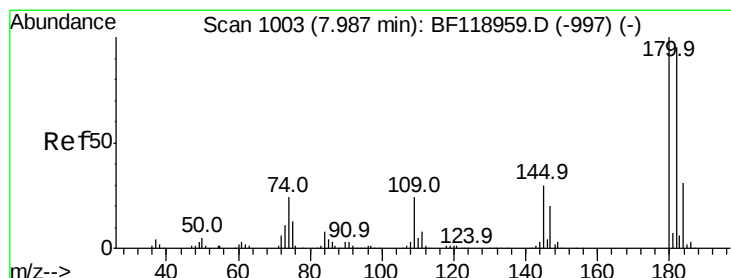
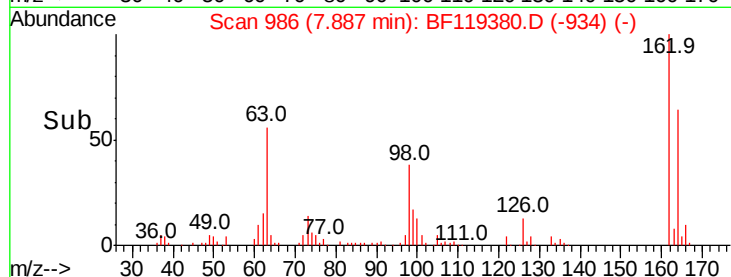
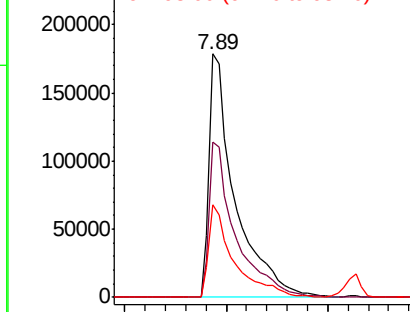
#29
 2,4-Dichlorophenol
 Concen: 44.155 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: BF119380.D
 Acq: 12 Mar 2020 14:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 317428
 Ion Ratio Lower Upper
 162 100
 164 63.8 45.2 85.2
 98 38.1 17.4 57.4

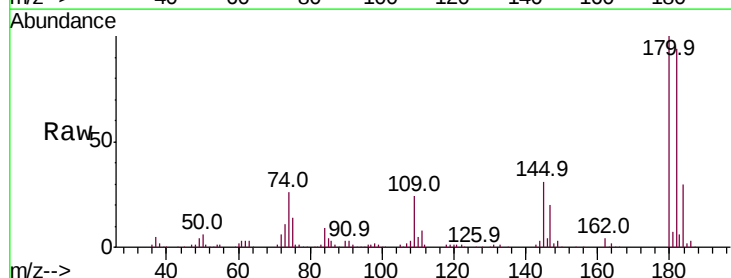


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

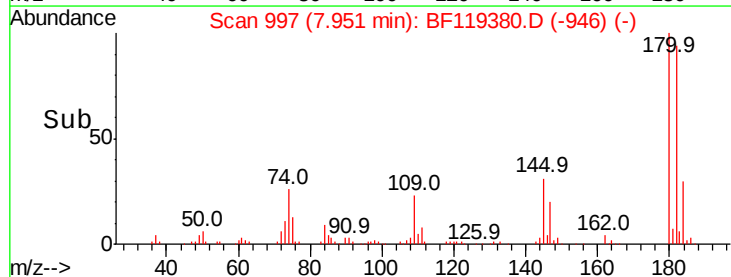
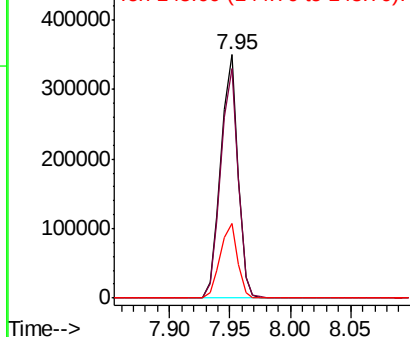


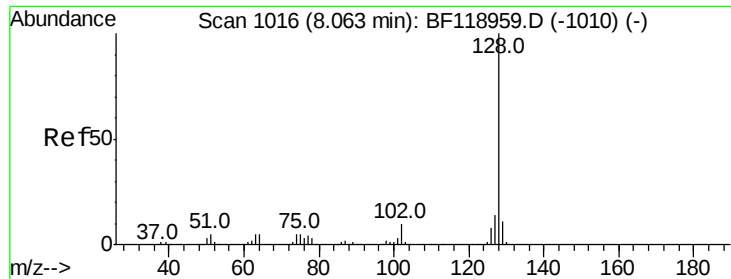
#30
 1,2,4-Trichlorobenzene
 Concen: 40.386 ng
 RT: 7.95 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: BF119380.D
 Acq: 12 Mar 2020 14:20

Tgt Ion:180 Resp: 344234
 Ion Ratio Lower Upper
 180 100
 182 94.3 77.8 116.6
 145 30.6 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

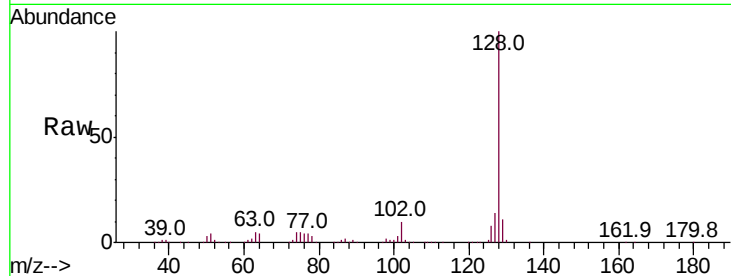




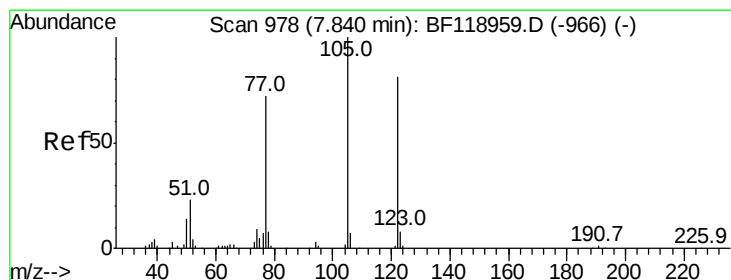
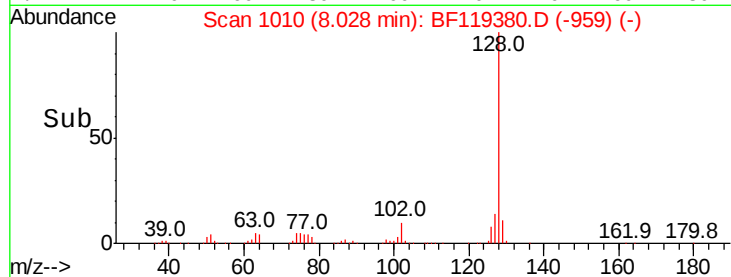
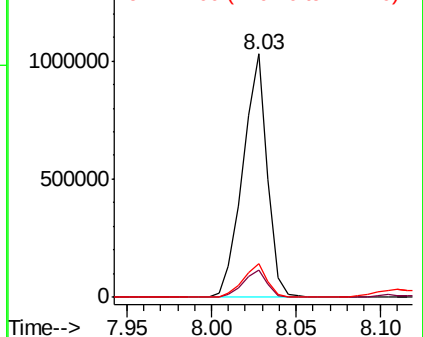
#31
Naphthalene
Concen: 44.344 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF119380.D
Acq: 12 Mar 2020 14:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1042749
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.2
127 13.6 11.4 17.2

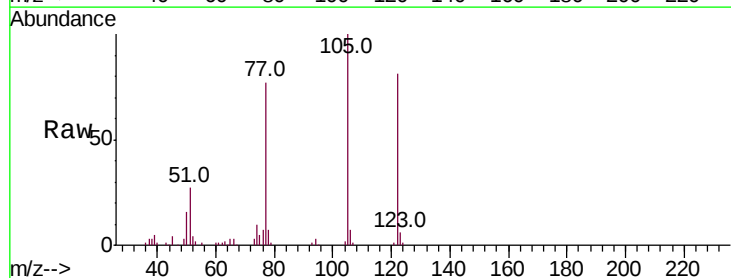


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

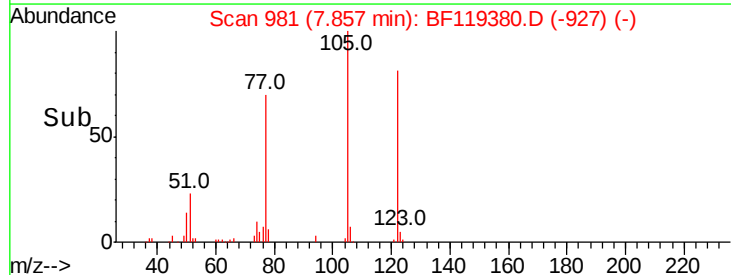
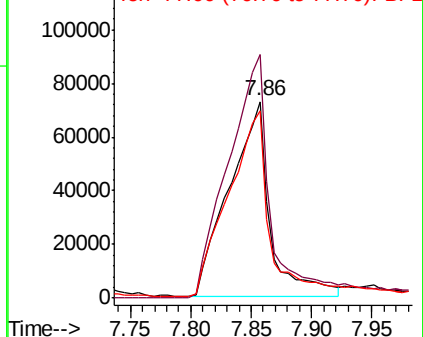


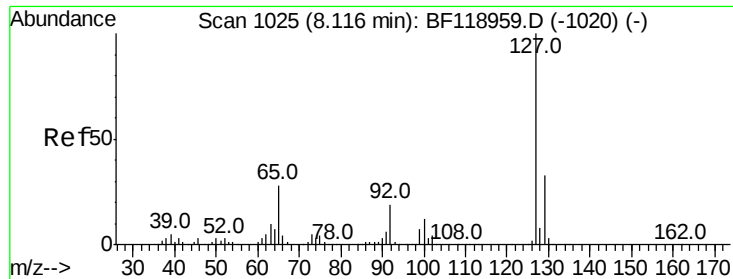
#32
Benzoic acid
Concen: 39.904 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.02 min
Lab File: BF119380.D
Acq: 12 Mar 2020 14:20

Tgt Ion:122 Resp: 171972
Ion Ratio Lower Upper
122 100
105 124.0 106.3 146.3
77 95.6 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

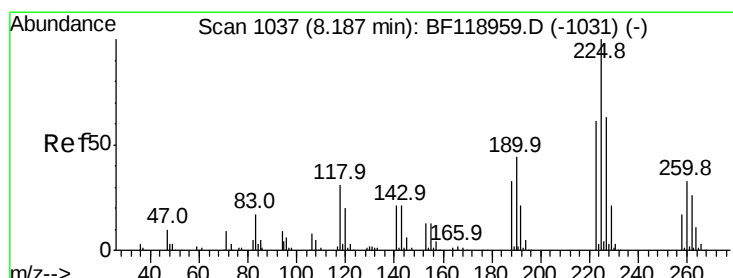
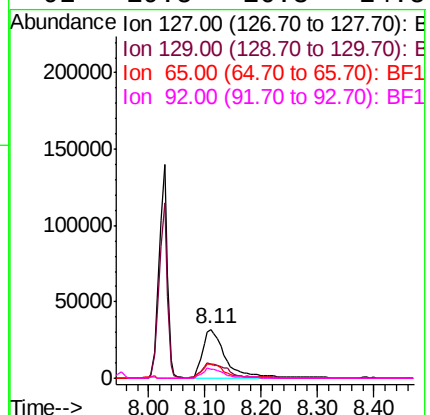
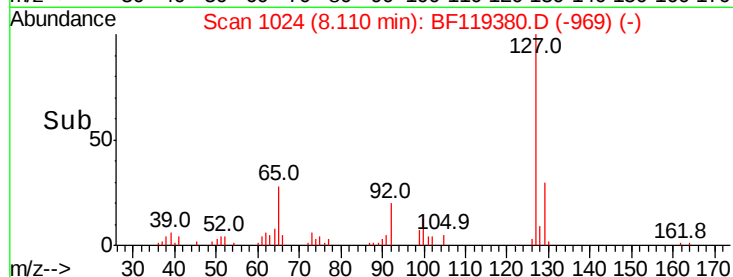
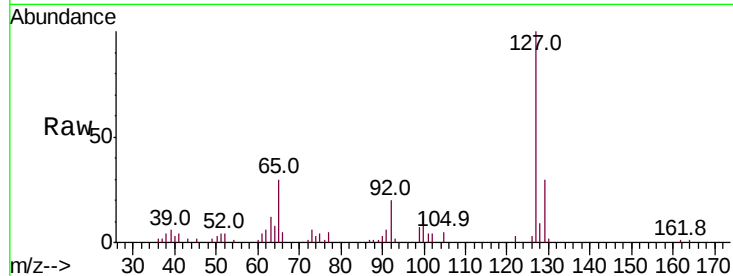




#33
4-Chloroaniline
Concen: 9.269 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.02 min
Lab File: BF119380.D
Acq: 12 Mar 2020 14:20

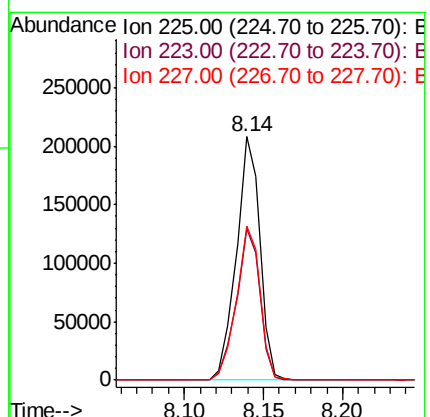
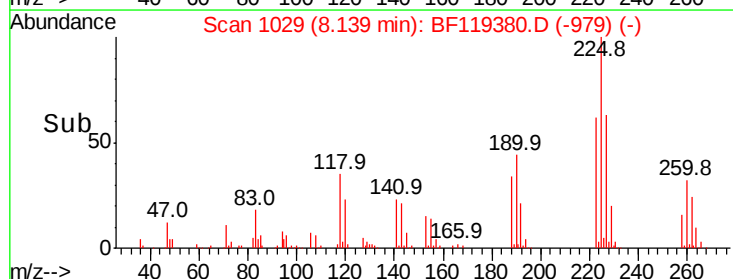
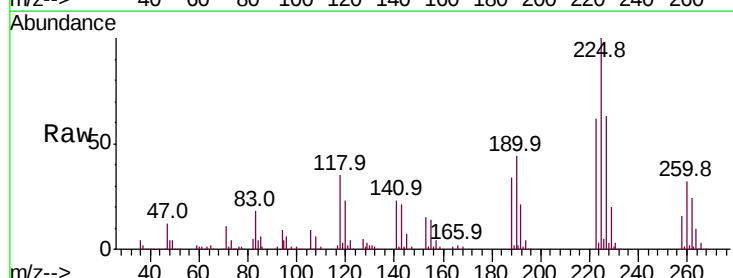
Instrument :
BNA_F
ClientSampleId :

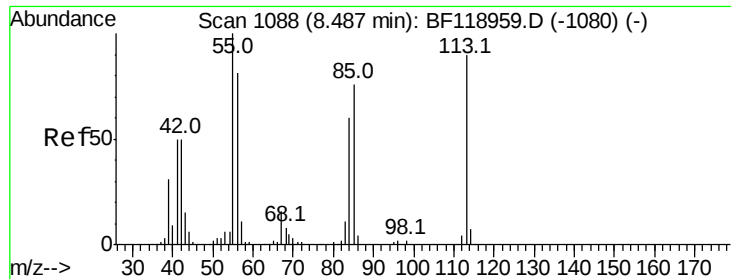
Tot Ion:	127	Resp:	93742
Ion	Ratio	Lower	Upper
127	100		
129	30.0	25.9	38.9
65	29.8	23.9	35.9
92	19.5	16.3	24.5



#34
Hexachlorobutadiene
Concen: 40.354 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119380.D
Acq: 12 Mar 2020 14:20

Tgt Ion:	225	Resp:	214252
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.4	74.2
227	63.2	52.9	79.3

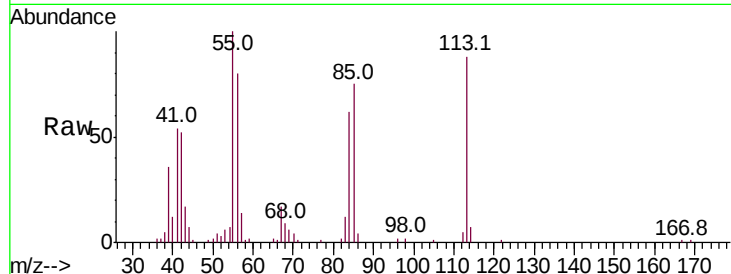




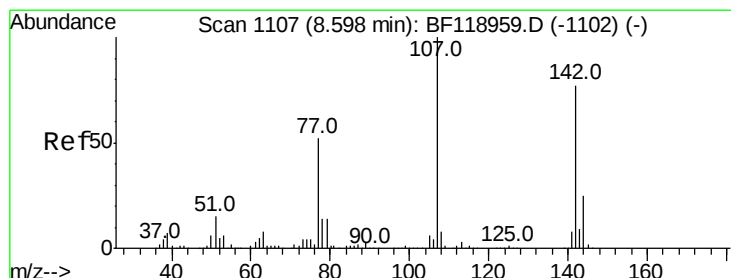
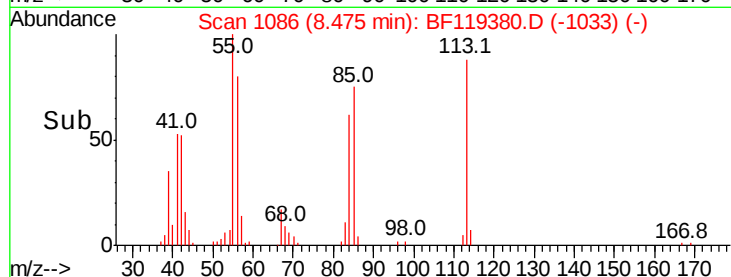
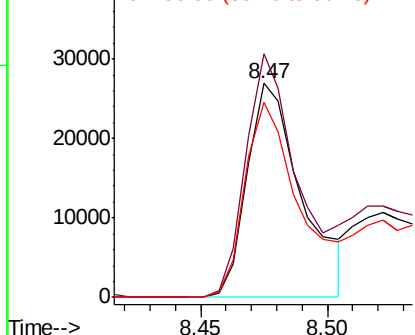
#35
 Caprolactam
 Concen: 18.182 ng
 RT: 8.47 min Scan# 1086
 Delta R.T. 0.01 min
 Lab File: BF119380.D
 Acq: 12 Mar 2020 14:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 40248
 Ion Ratio Lower Upper
 113 100
 55 113.9 95.7 135.7
 56 91.3 73.1 113.1

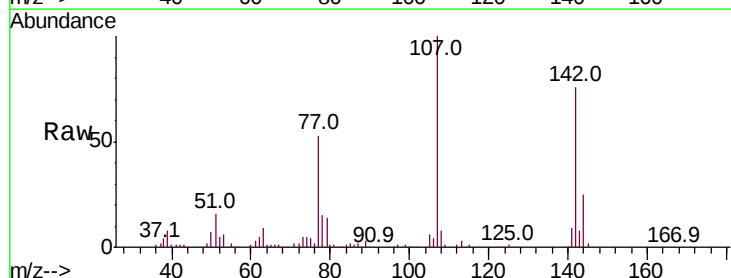


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

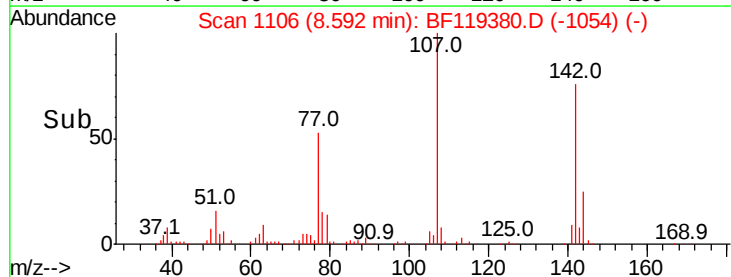
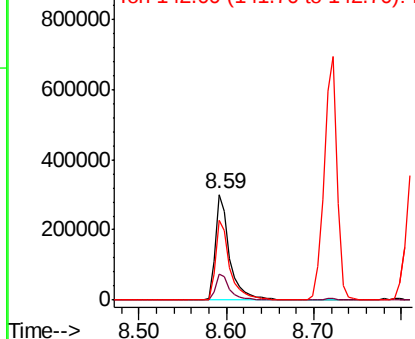


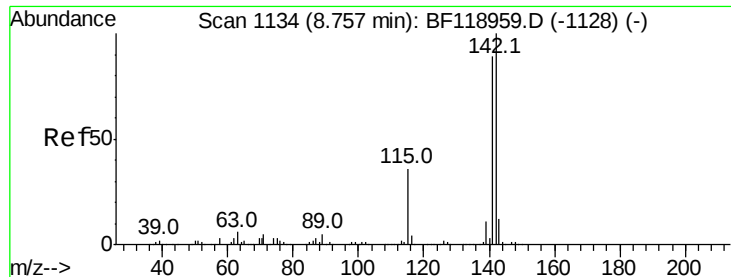
#36
 4-Chloro-3-methylphenol
 Concen: 46.682 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF119380.D
 Acq: 12 Mar 2020 14:20

Tgt Ion:107 Resp: 339635
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.1 30.1
 142 76.2 61.4 92.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

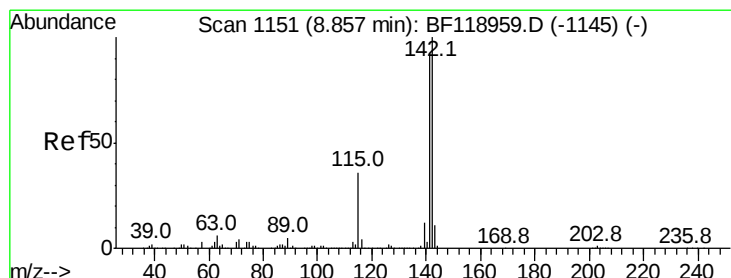
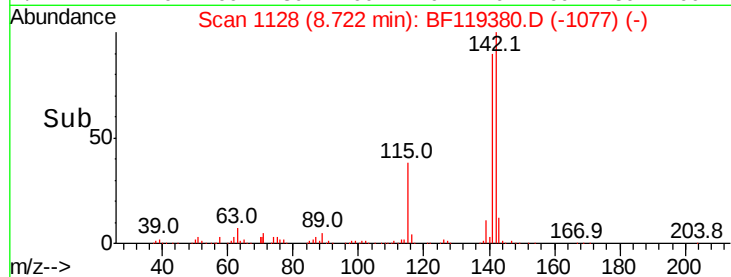
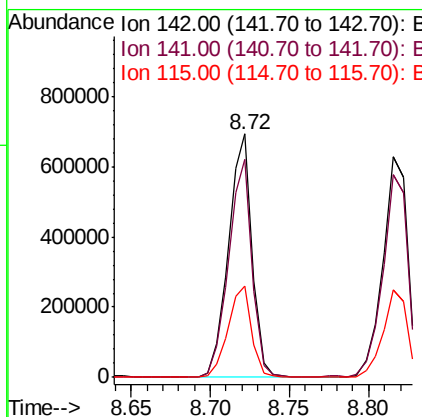
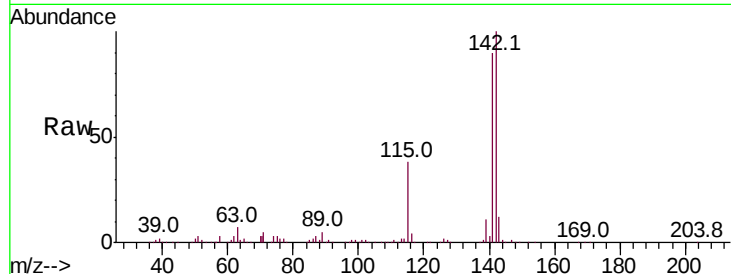




#37
 2-Methylnaphthalene
 Concen: 44.886 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: BF119380.D
 Acq: 12 Mar 2020 14:20

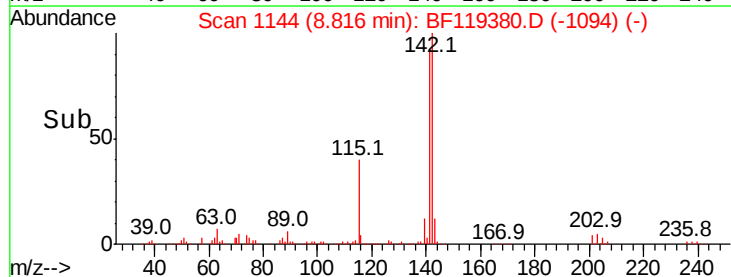
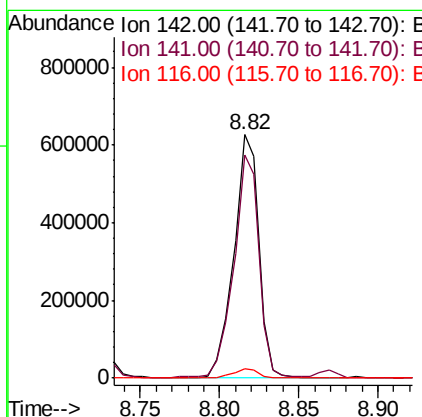
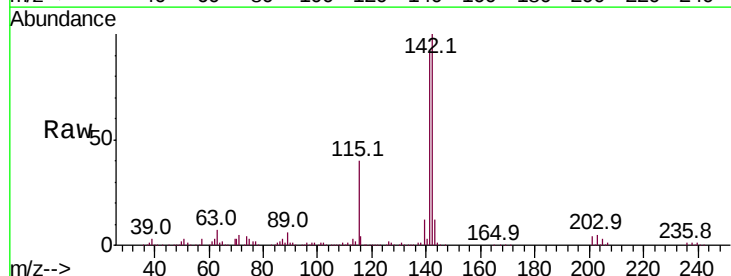
Instrument :
 BNA_F
 ClientSampleId :

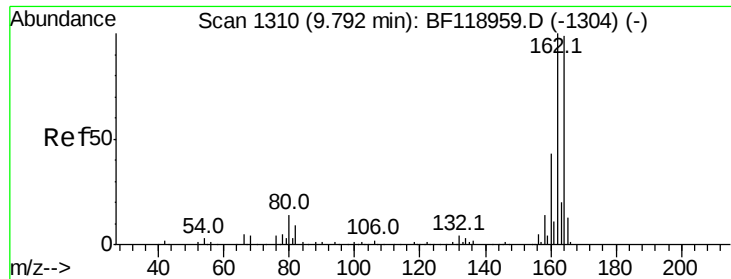
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.3	108.5
115	37.7	30.6	45.8



#38
 1-Methylnaphthalene
 Concen: 45.807 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF119380.D
 Acq: 12 Mar 2020 14:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	75.8	113.6
116	4.0	3.1	4.7

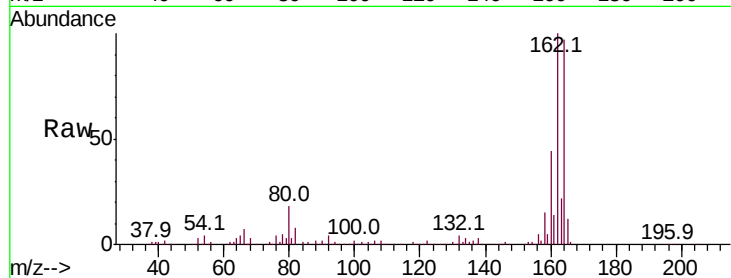




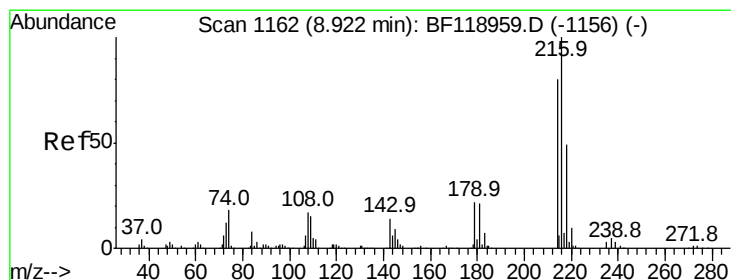
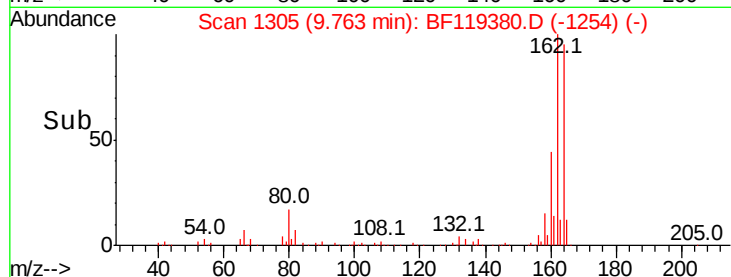
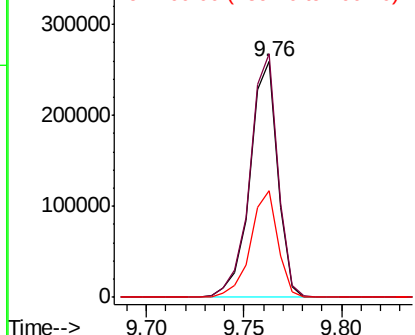
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF119380.D
 Acq: 12 Mar 2020 14:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 255455
 Ion Ratio Lower Upper
 164 100
 162 103.5 81.8 122.8
 160 45.4 36.0 54.0

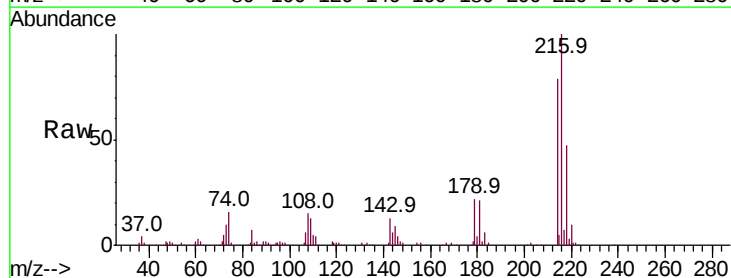


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

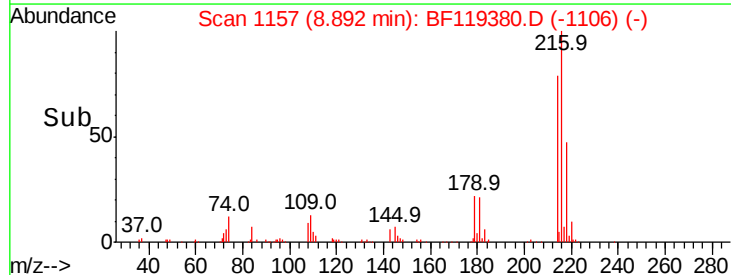
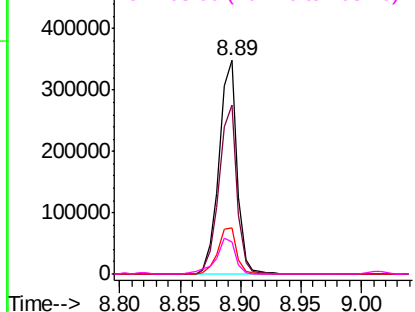


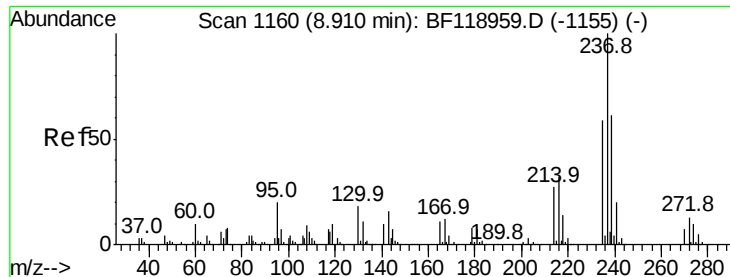
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.353 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF119380.D
 Acq: 12 Mar 2020 14:20

Tgt Ion:216 Resp: 356170
 Ion Ratio Lower Upper
 216 100
 214 78.6 63.3 94.9
 179 22.2 17.7 26.5
 108 18.2 13.9 20.9



Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 48.364 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

Instrument :

BNA_F

ClientSampleId :

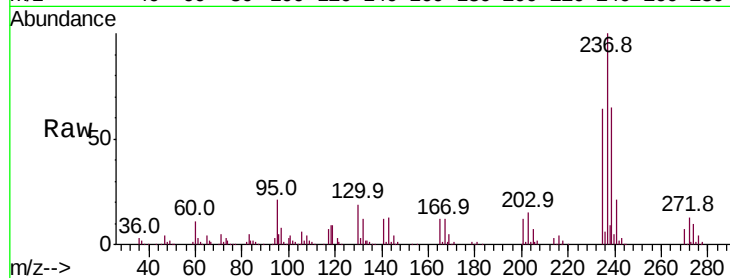
Tot Ion:237 Resp: 138428

Ion Ratio Lower Upper

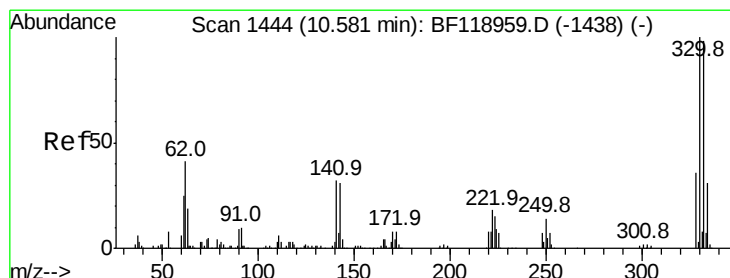
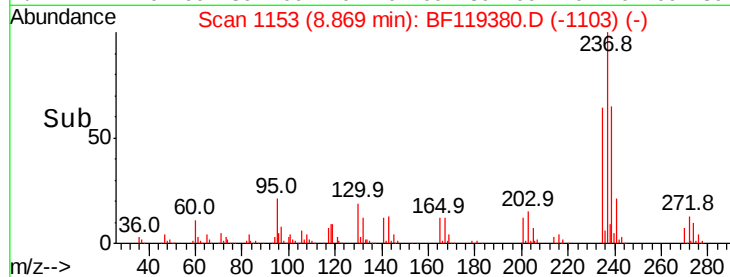
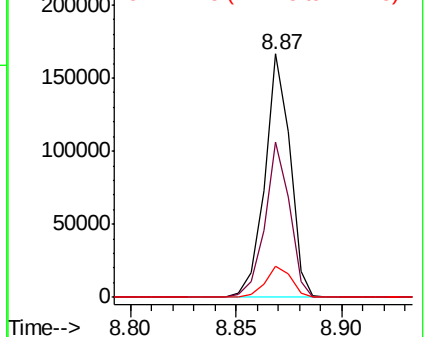
237 100

235 63.7 42.3 82.3

272 12.9 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: 119.859 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

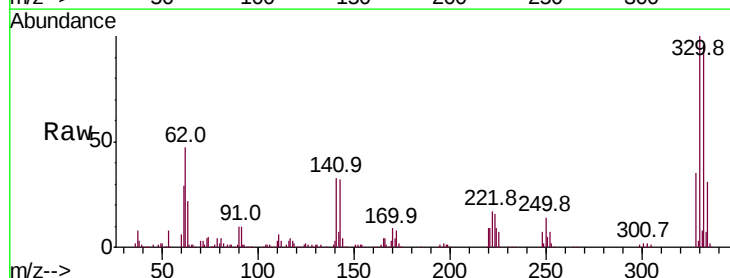
Tgt Ion:330 Resp: 400543

Ion Ratio Lower Upper

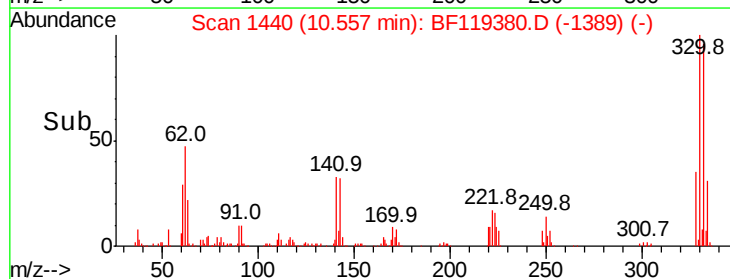
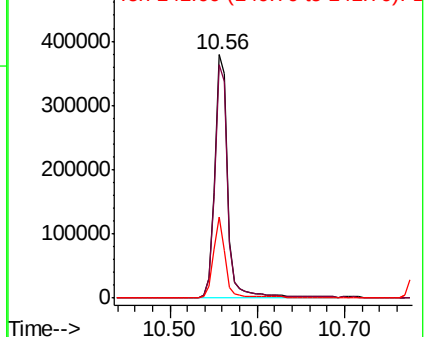
330 100

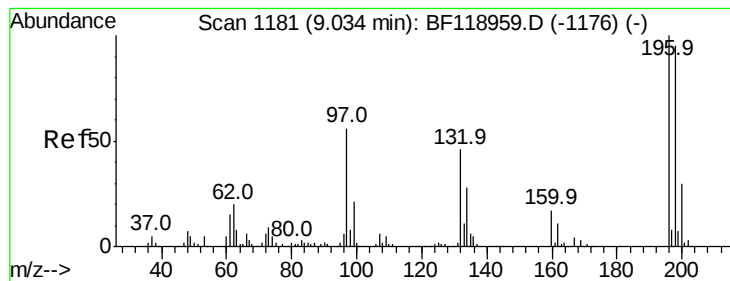
332 96.4 76.0 114.0

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: 40.826 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.01 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

Instrument :

BNA_F

ClientSampleId :

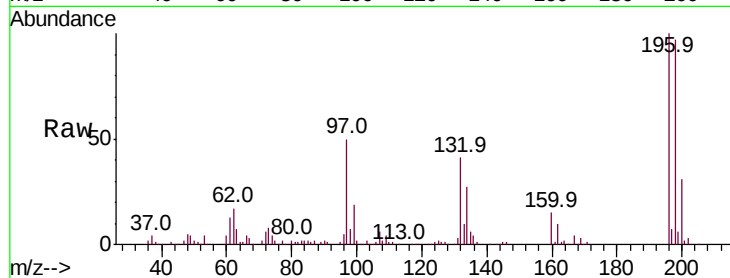
Tot Ion:196 Resp: 222050

Ion Ratio Lower Upper

196 100

198 96.5 77.1 115.7

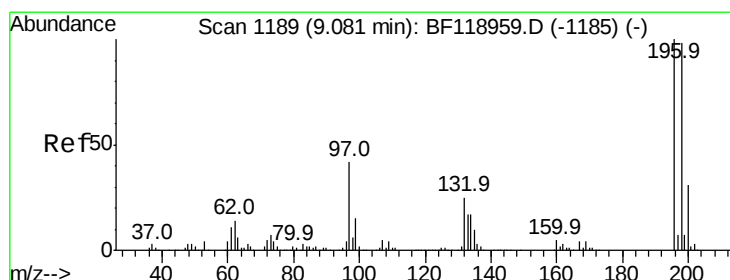
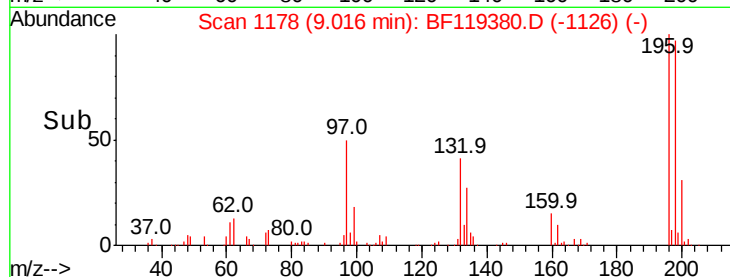
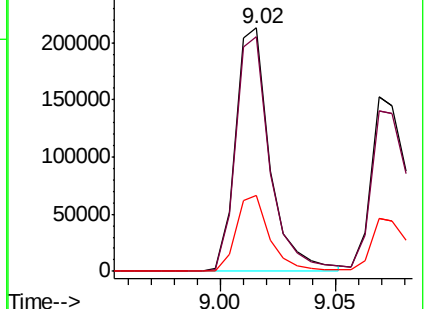
200 31.1 25.0 37.6



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: 38.372 ng

RT: 9.07 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

Tgt Ion:196 Resp: 219003

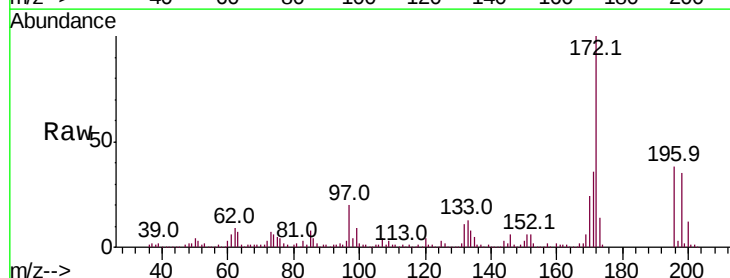
Ion Ratio Lower Upper

196 100

198 92.4 76.8 115.2

97 53.5 38.5 57.7

132 30.2 22.2 33.4

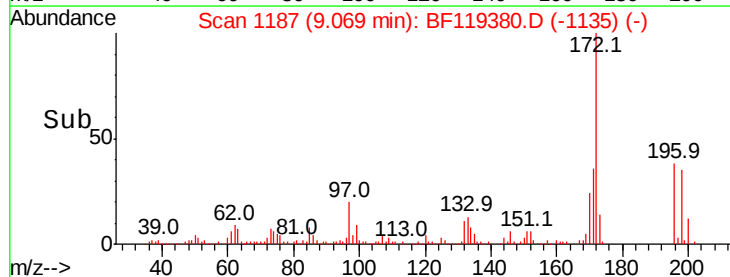
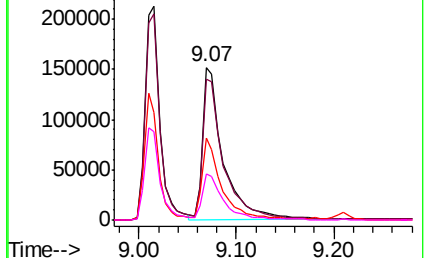


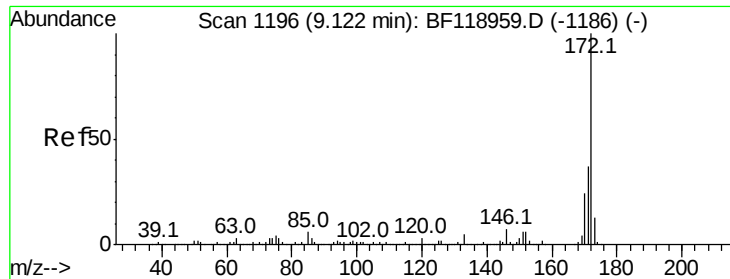
Abundance Ion 196.00 (195.70 to 196.70): E

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

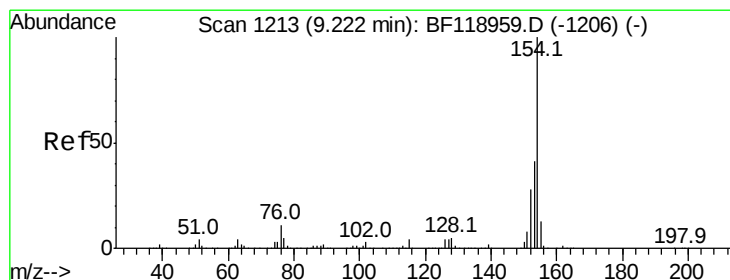
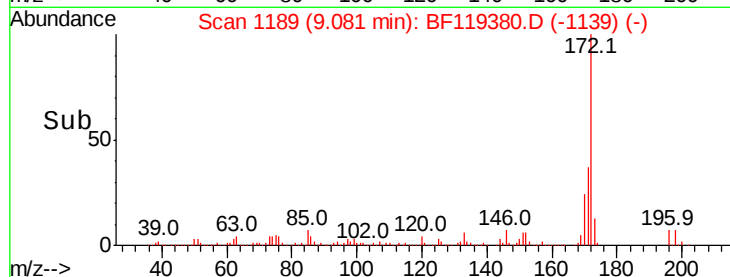
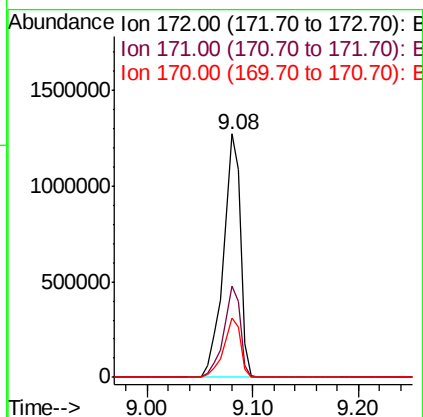
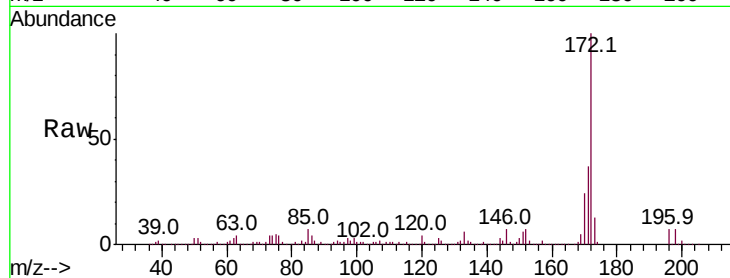




#45
2-Fluorobiphenyl
Concen: 82.365 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF119380.D
Acq: 12 Mar 2020 14:20

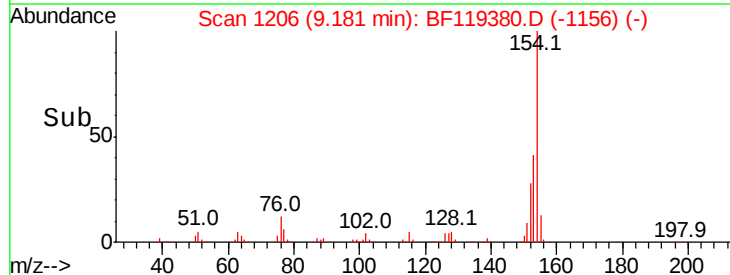
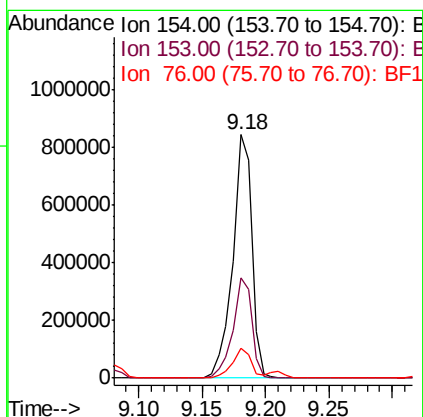
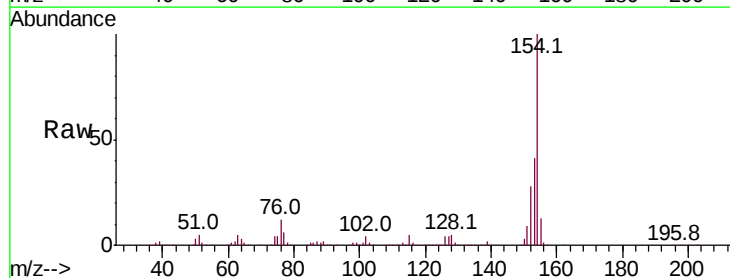
Instrument :
BNA_F
ClientSampleId :

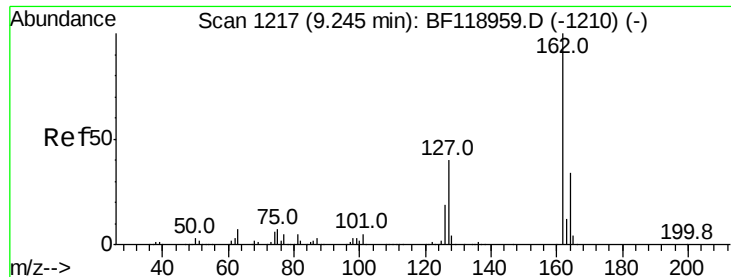
Tot Ion:172 Resp: 1428256
Ion Ratio Lower Upper
172 100
171 37.3 30.6 45.8
170 24.3 20.2 30.2



#46
1,1'-Biphenyl
Concen: 42.223 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF119380.D
Acq: 12 Mar 2020 14:20

Tgt Ion:154 Resp: 871745
Ion Ratio Lower Upper
154 100
153 41.2 22.8 62.8
76 12.4 0.0 32.2





#47

2-Chloronaphthalene

Concen: 41.982 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

Instrument :

BNA_F

ClientSampled :

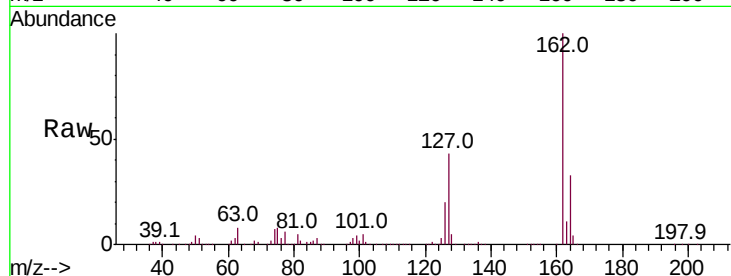
Tot Ion:162 Resp: 698485

Ion Ratio Lower Upper

162 100

127 42.7 35.0 52.4

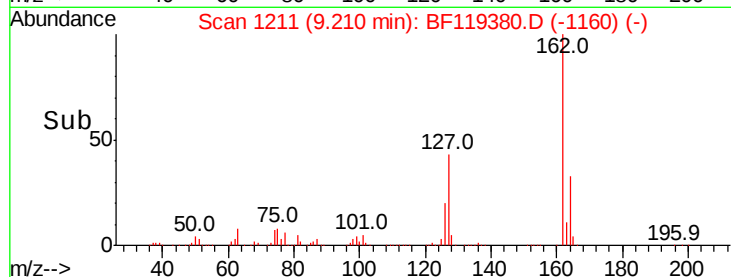
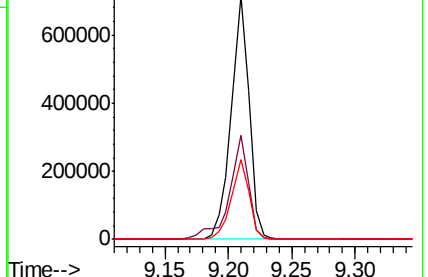
164 32.8 27.2 40.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 44.344 ng

RT: 9.32 min Scan# 1230

Delta R.T. 0.01 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

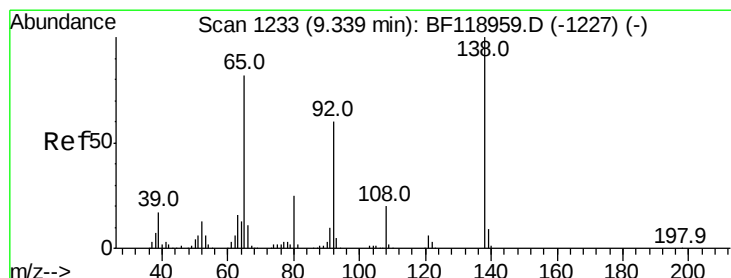
Tgt Ion: 65 Resp: 205778

Ion Ratio Lower Upper

65 100

92 72.2 58.2 87.2

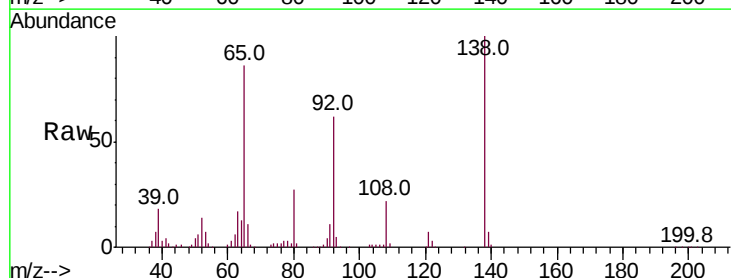
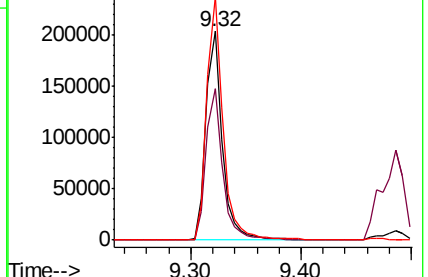
138 116.6 95.6 143.4

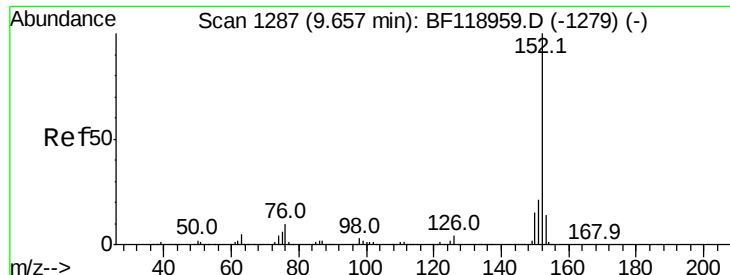


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.254 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

Instrument :

BNA_F

ClientSampleId :

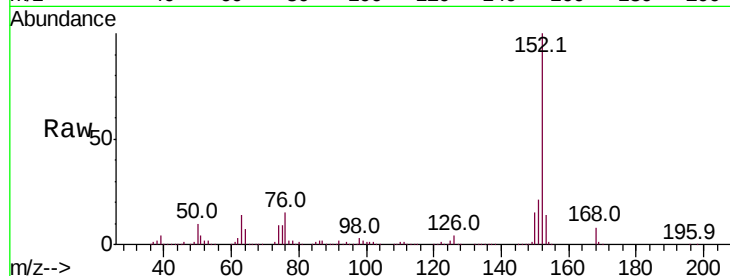
Tot Ion:152 Resp: 1039373

Ion Ratio Lower Upper

152 100

151 20.6 16.9 25.3

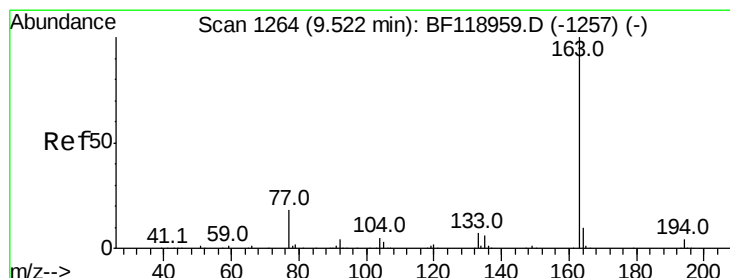
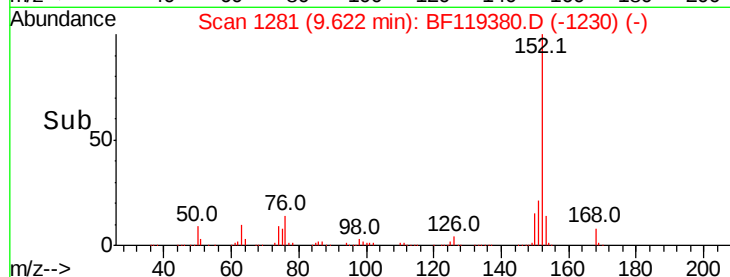
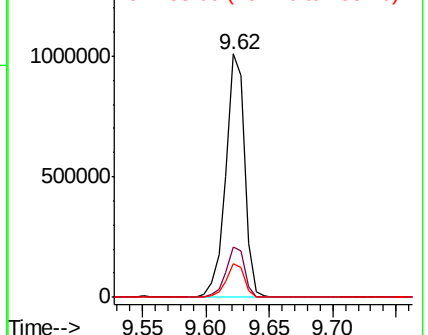
153 13.7 11.0 16.6



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: 44.026 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

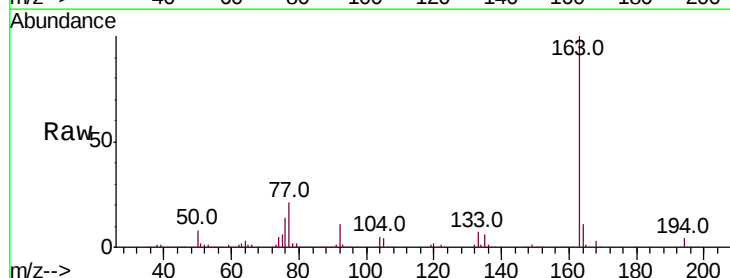
Tgt Ion:163 Resp: 860005

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

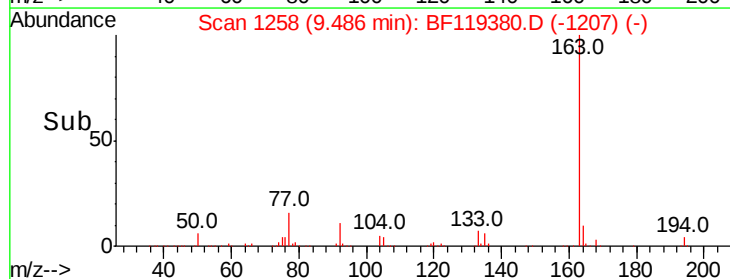
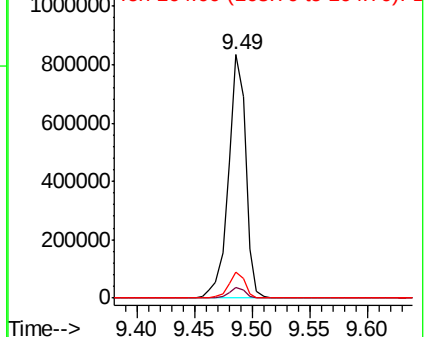
164 10.5 8.4 12.6

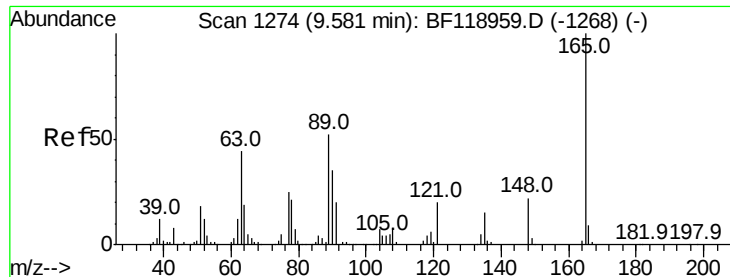


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

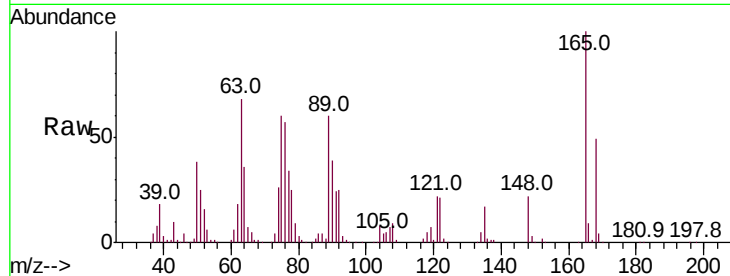




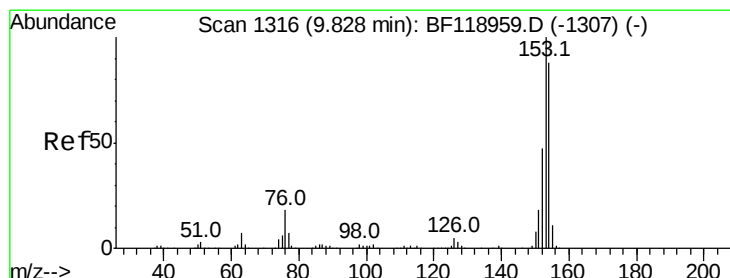
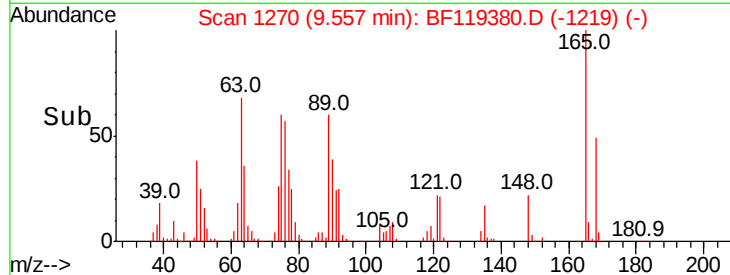
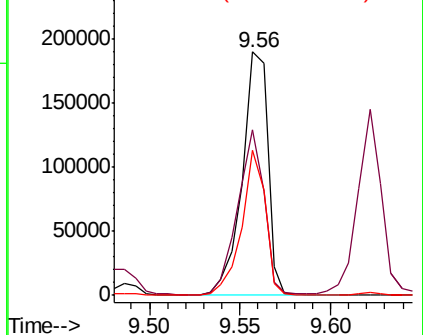
#51
2,6-Dinitrotoluene
Concen: 43.368 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF119380.D
Acq: 12 Mar 2020 14:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 188215
Ion Ratio Lower Upper
165 100
63 67.8 34.3 51.5#
89 59.7 38.3 57.5#

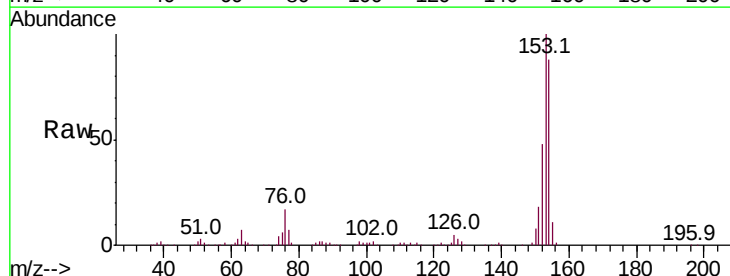


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

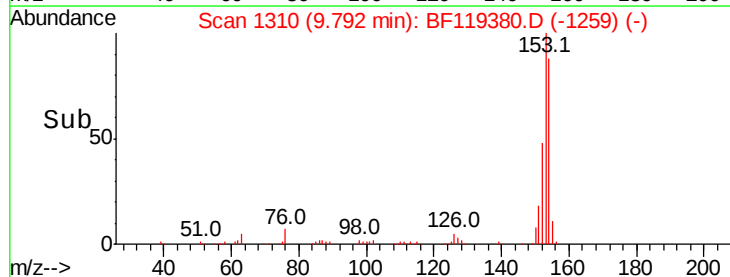
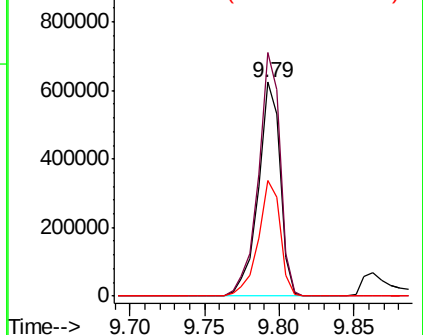


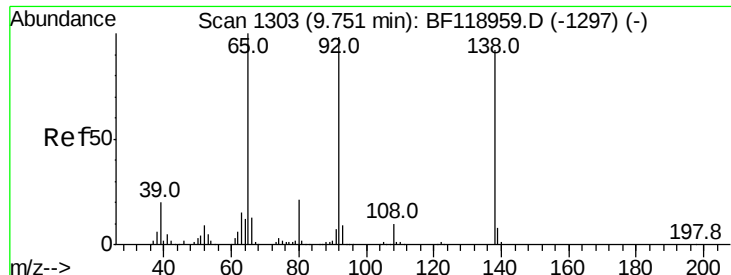
#52
Acenaphthene
Concen: 43.267 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF119380.D
Acq: 12 Mar 2020 14:20

Tgt Ion:154 Resp: 626918
Ion Ratio Lower Upper
154 100
153 113.8 90.3 135.5
152 54.3 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

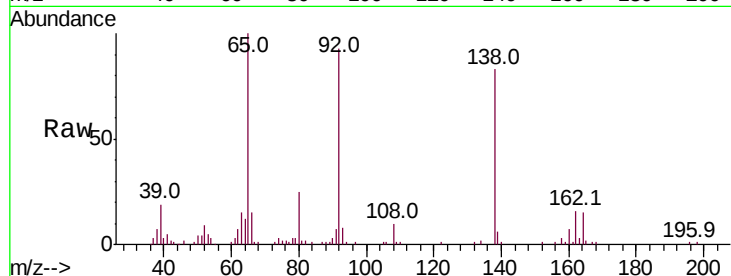




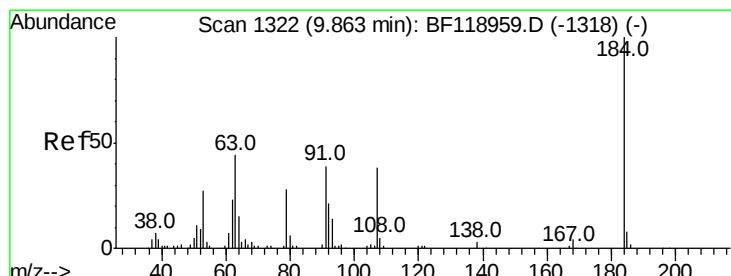
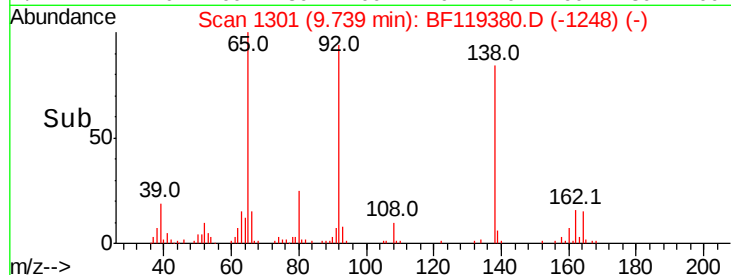
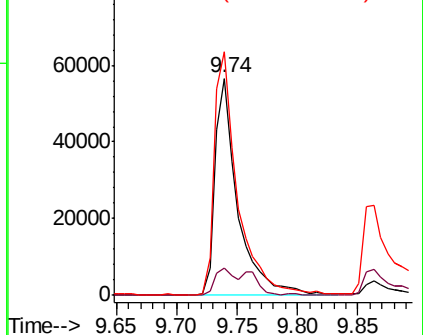
#53
3-Nitroaniline
Concen: 15.159 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF119380.D
Acq: 12 Mar 2020 14:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 72933
Ion Ratio Lower Upper
138 100
108 12.5 8.8 13.2
92 112.0 84.8 127.2

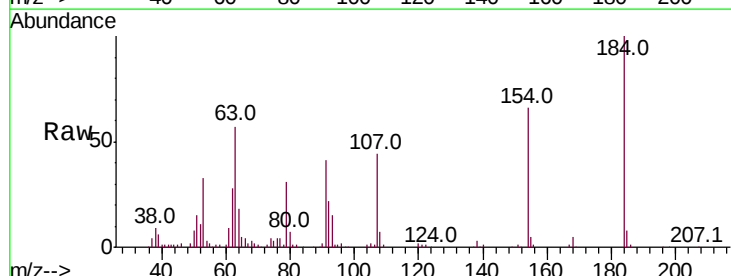


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

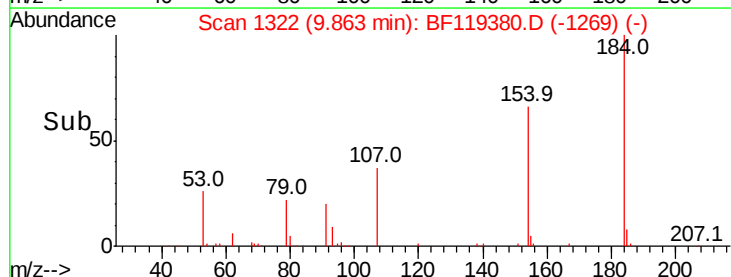
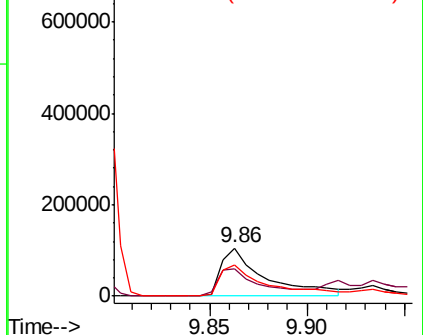


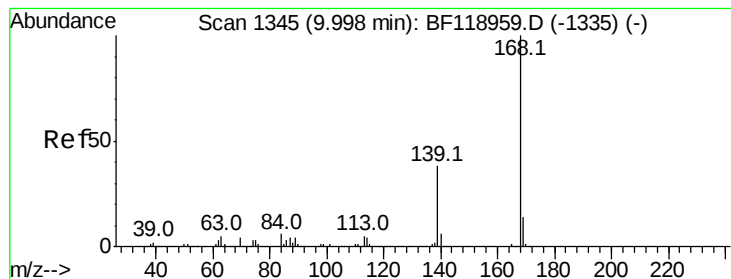
#54
2,4-Dinitrophenol
Concen: 77.784 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF119380.D
Acq: 12 Mar 2020 14:20

Tgt Ion:184 Resp: 163587
Ion Ratio Lower Upper
184 100
63 56.6 38.7 58.1
154 66.2 49.7 74.5



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





#55

Dibenzofuran

Concen: 43.455 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

Instrument :

BNA_F

ClientSampled :

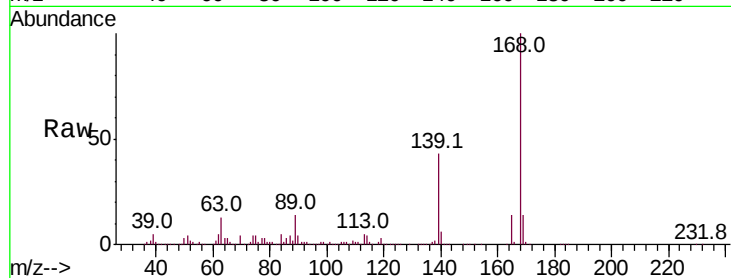
Tot Ion:168 Resp: 939806

Ion Ratio Lower Upper

168 100

139 42.8 34.0 51.0

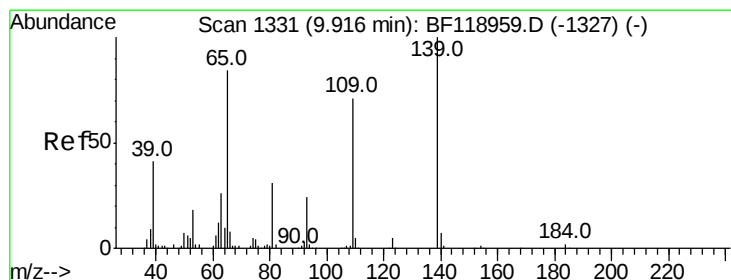
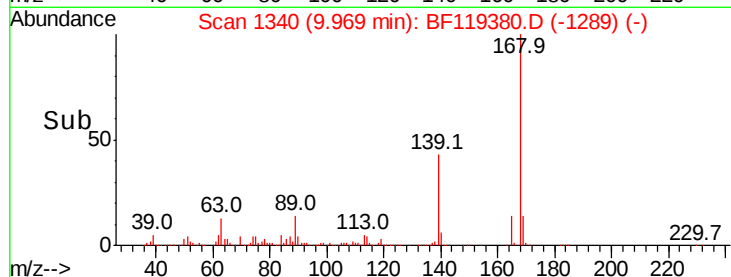
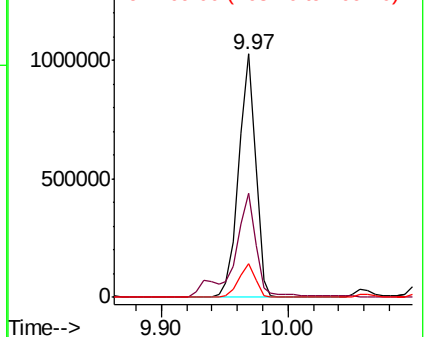
169 13.6 11.0 16.4



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: 190.150 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.05 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

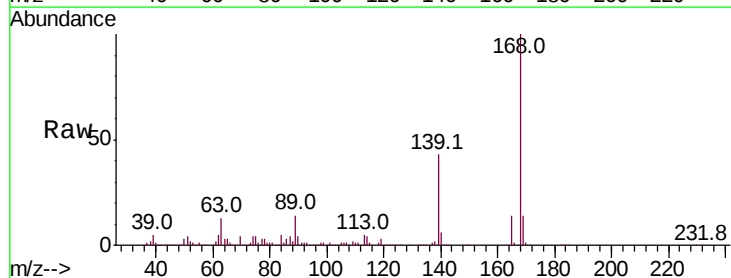
Tgt Ion:139 Resp: 549674

Ion Ratio Lower Upper

139 100

109 4.7 56.7 96.7#

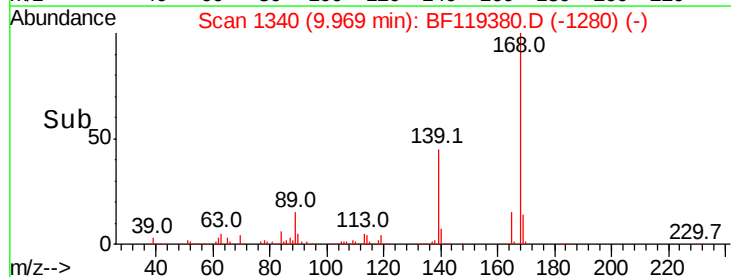
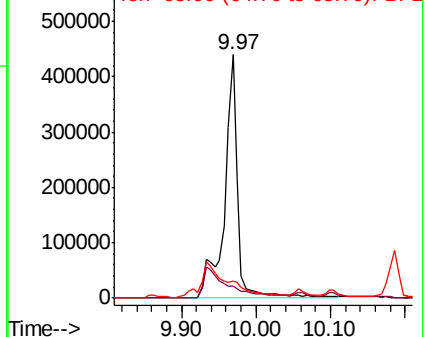
65 6.8 65.0 105.0#

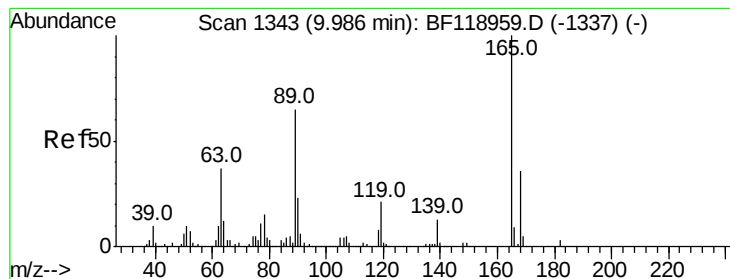


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 43.156 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 242769

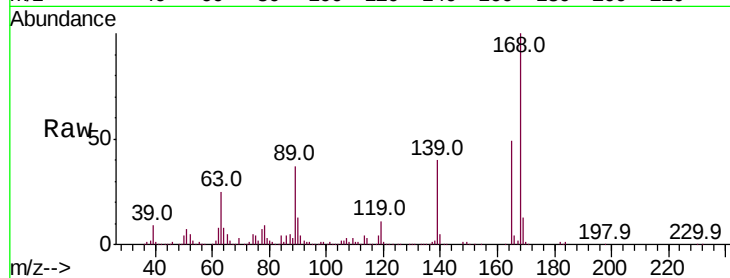
Ion Ratio Lower Upper

165 100

63 50.9 42.3 63.5

89 75.9 60.2 90.4

182 2.9 2.3 3.5

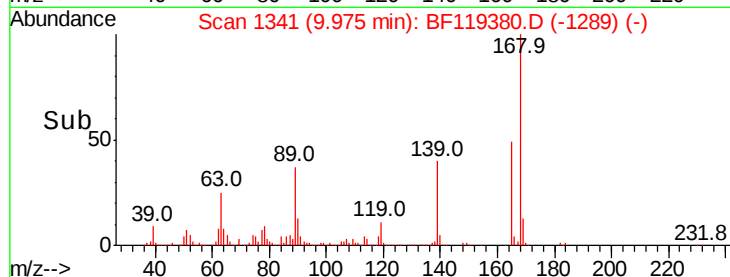


Abundance Ion 165.00 (164.70 to 165.70): E

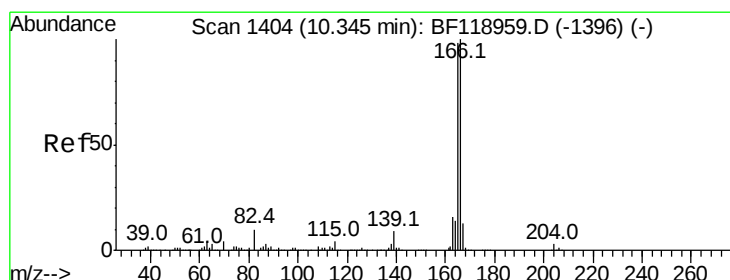
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



Time--> 9.90 9.95 10.00 10.05



#58

Fluorene

Concen: 45.499 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

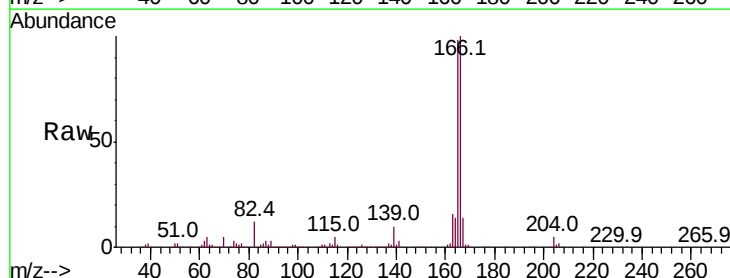
Tgt Ion:166 Resp: 764620

Ion Ratio Lower Upper

166 100

165 97.7 78.5 117.7

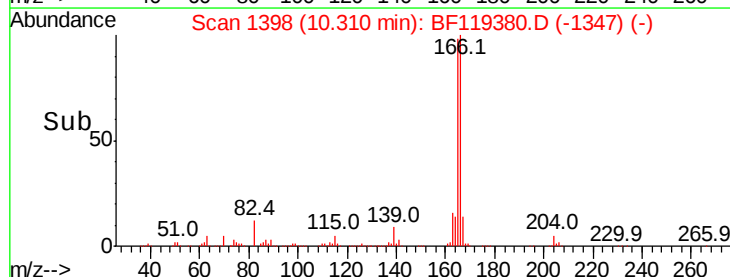
167 13.8 11.0 16.4



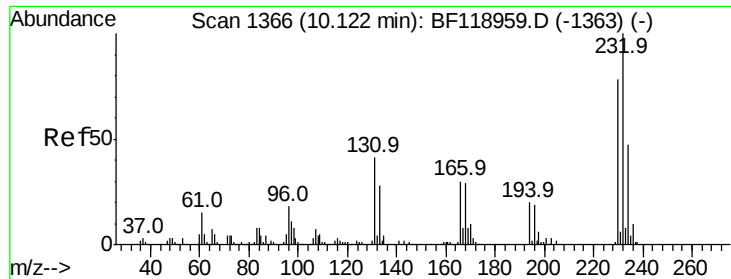
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



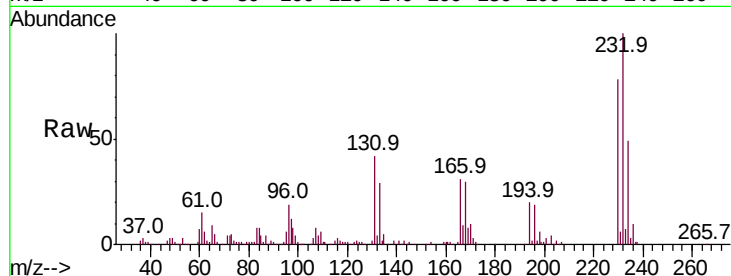
Time--> 10.30 10.40



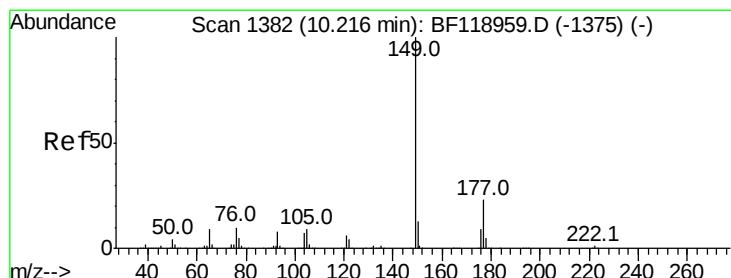
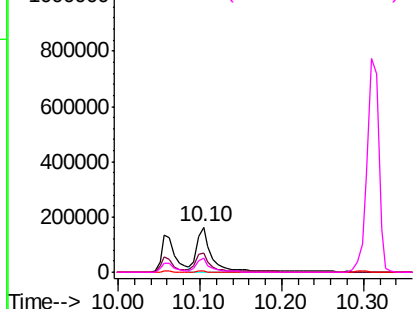
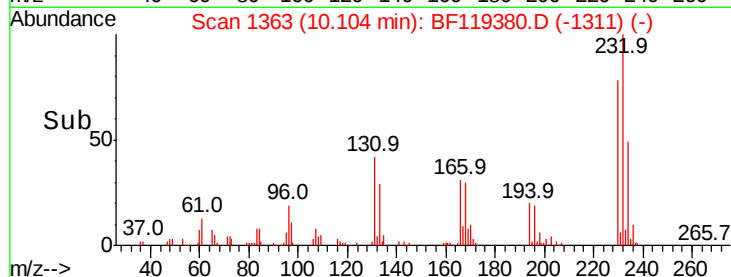
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.297 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF119380.D
Acq: 12 Mar 2020 14:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	232	Resp:	208515
Ion	Ratio	Lower	Upper
232	100		
131	39.3	33.8	50.8
130	2.4	1.8	2.6
166	27.0	23.0	34.4

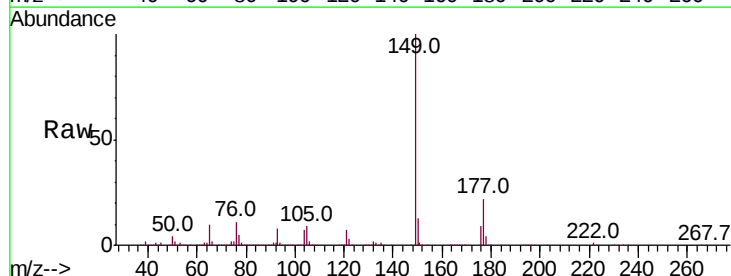


Abundance Ion 232.00 (231.70 to 232.70): E
1200000
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

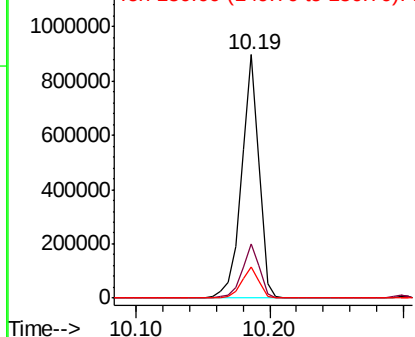
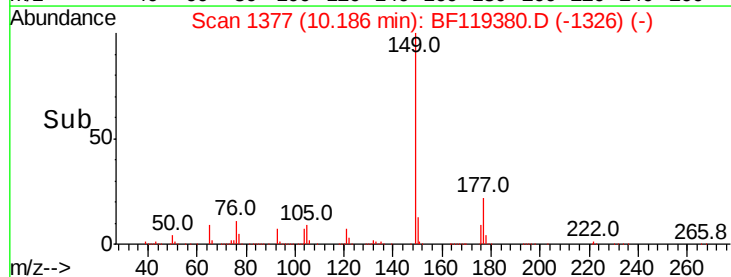


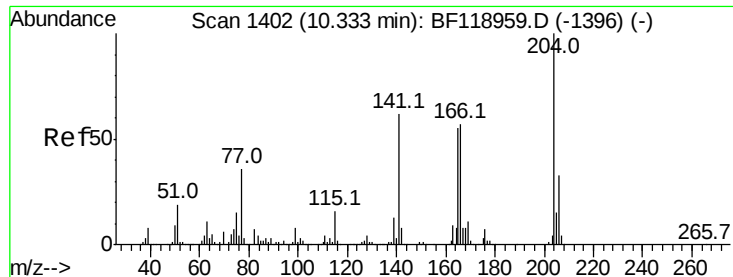
#60
Diethylphthalate
Concen: 44.027 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF119380.D
Acq: 12 Mar 2020 14:20

Tgt Ion:	149	Resp:	810481
Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.2	27.2
150	12.8	10.5	15.7



Abundance Ion 149.00 (148.70 to 149.70): E
1200000
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

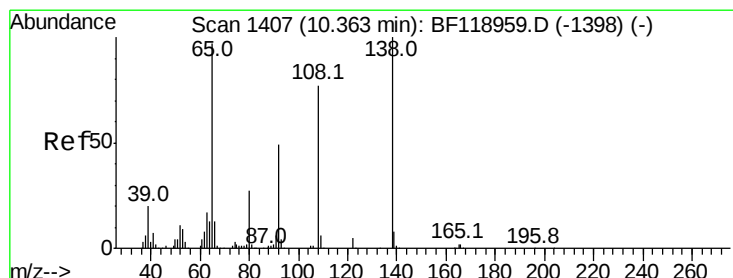
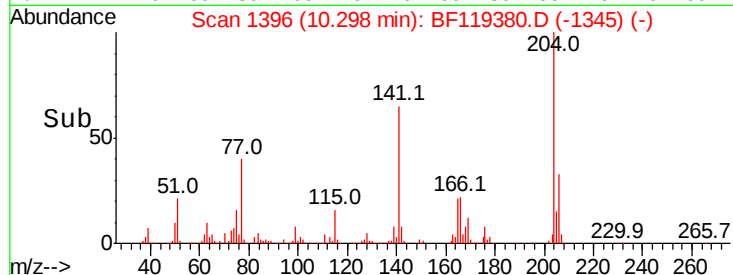
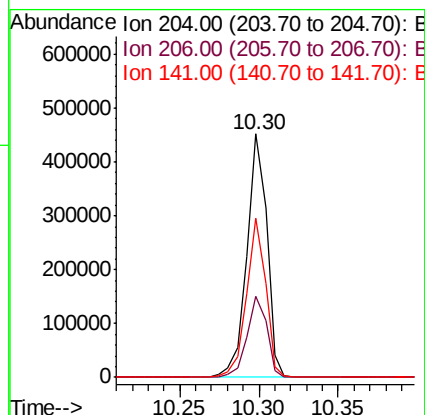
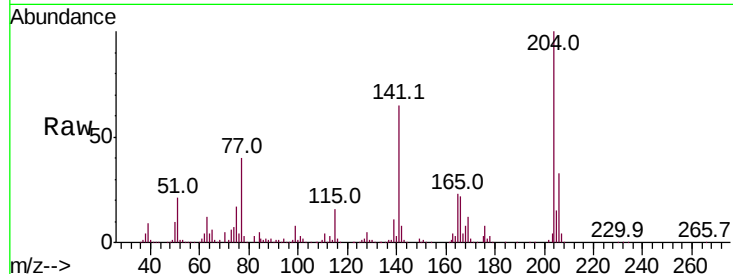




#61
4-Chlorophenyl-phenylether
Concen: 44.324 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF119380.D
Acq: 12 Mar 2020 14:20

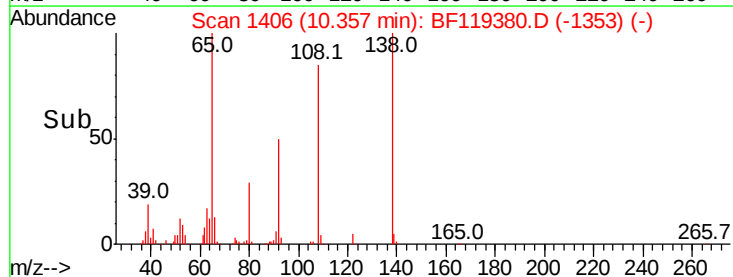
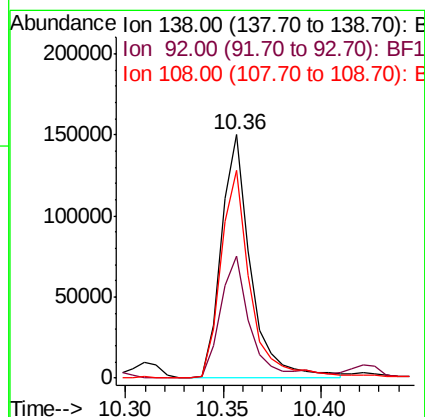
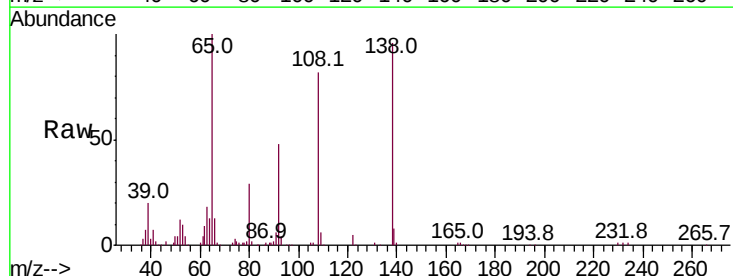
Instrument :
BNA_F
ClientSampleId :

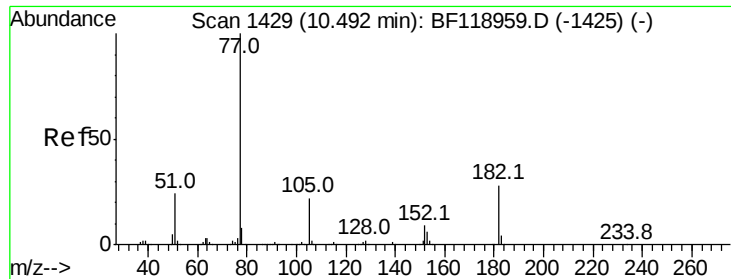
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	27.1	40.7
141	65.3	52.9	79.3



#62
4-Nitroaniline
Concen: 32.032 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF119380.D
Acq: 12 Mar 2020 14:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.2	27.3	67.3
108	85.6	57.0	97.0

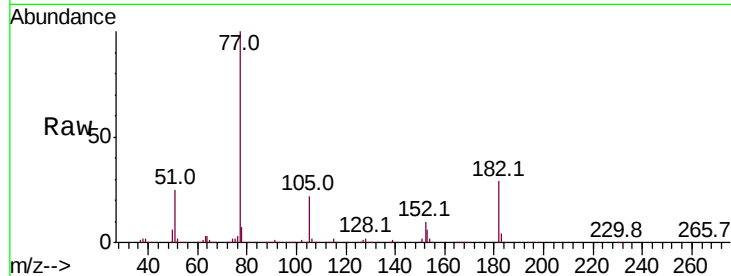




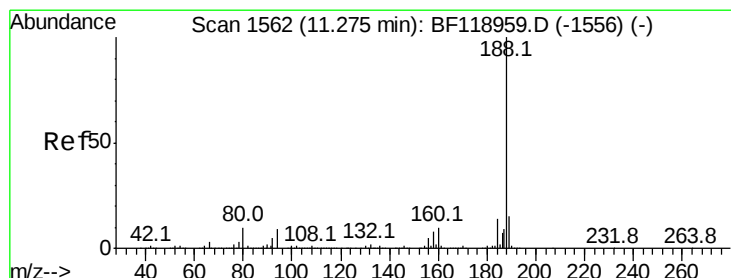
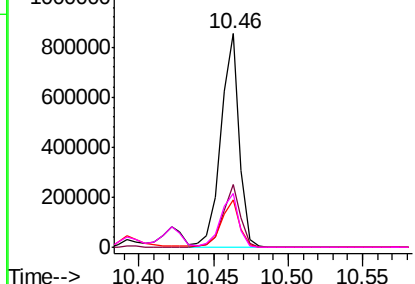
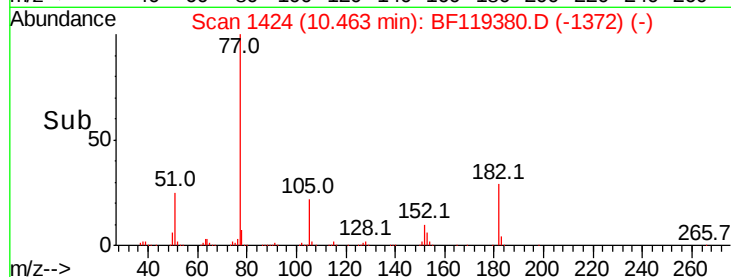
#63
Azobenzene
Concen: 46.153 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF119380.D
Acq: 12 Mar 2020 14:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	738500
Ion	Ratio	Lower	Upper
77	100		
182	29.1	11.4	51.4
105	22.3	3.4	43.4
51	25.4	5.1	45.1

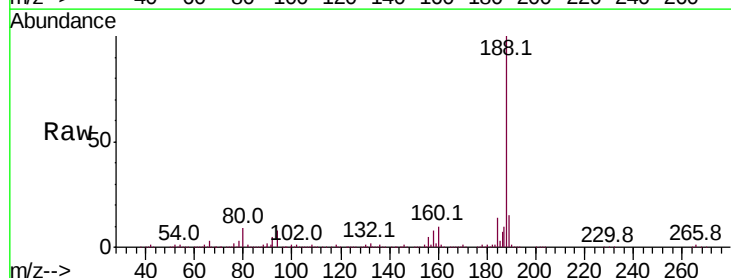


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

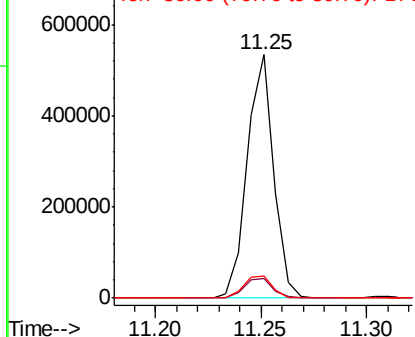
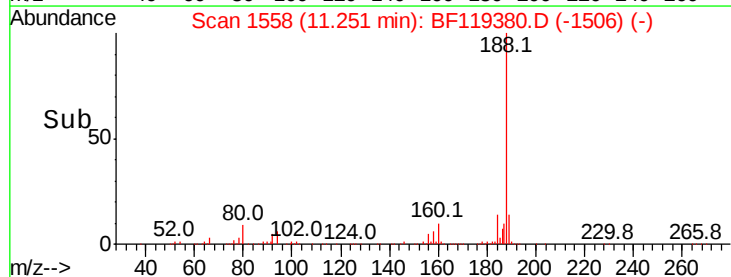


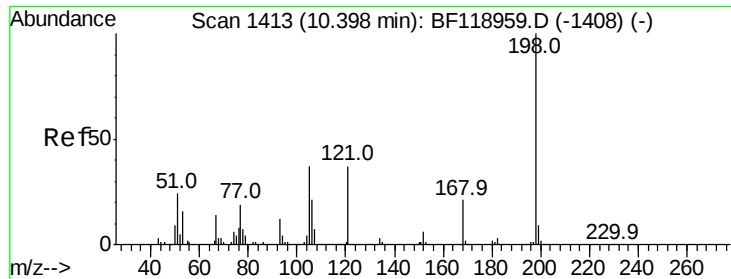
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF119380.D
Acq: 12 Mar 2020 14:20

Tgt Ion:	188	Resp:	464916
Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.1	10.7
80	9.0	7.8	11.8



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

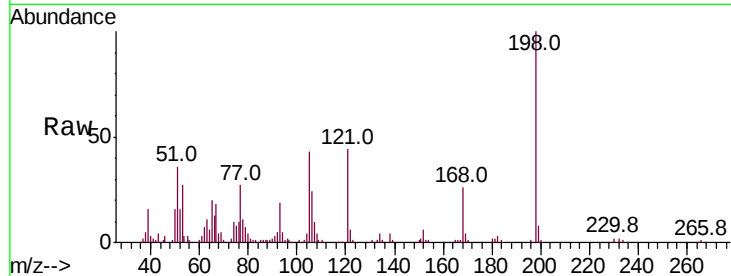




#65
4,6-Dinitro-2-methylphenol
Concen: 46.962 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF119380.D
Acq: 12 Mar 2020 14:20

Instrument :
BNA_F
ClientSampled :

Tot Ion	198	Resp	132118
Ion Ratio	100	Lower	Upper
51	36.4	14.2	54.2
105	43.0	22.7	62.7

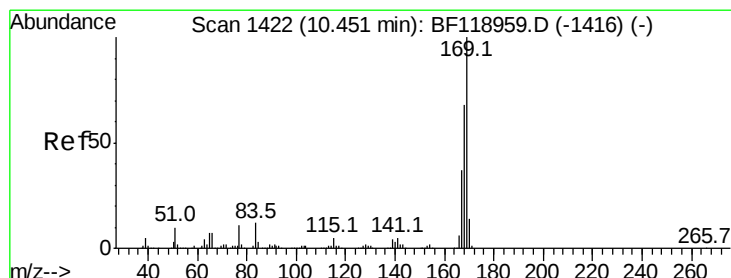
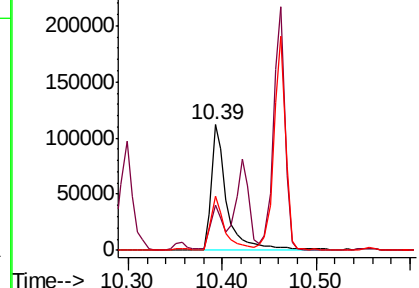
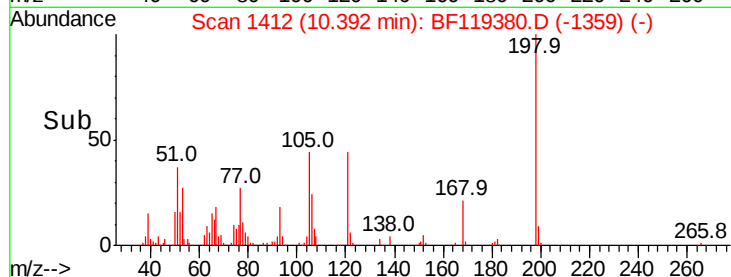


Abundance

Ion 198.00 (197.70 to 198.70): E

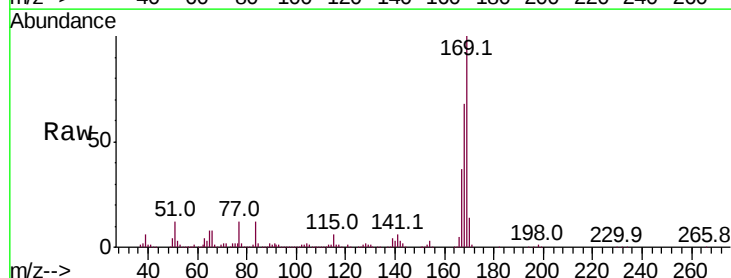
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 44.655 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF119380.D
Acq: 12 Mar 2020 14:20

Tgt Ion	169	Resp	679785
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
168	68.1	54.1	81.1
167	37.1	29.4	44.0

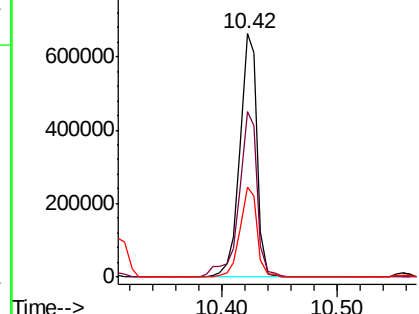
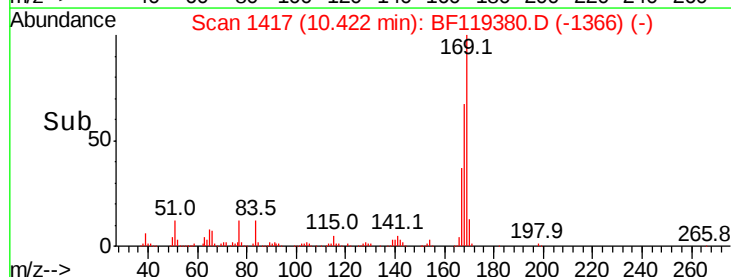


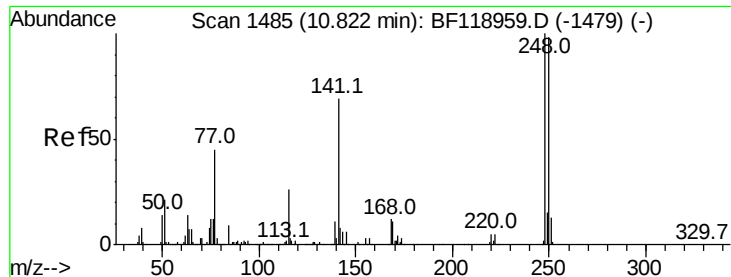
Abundance

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

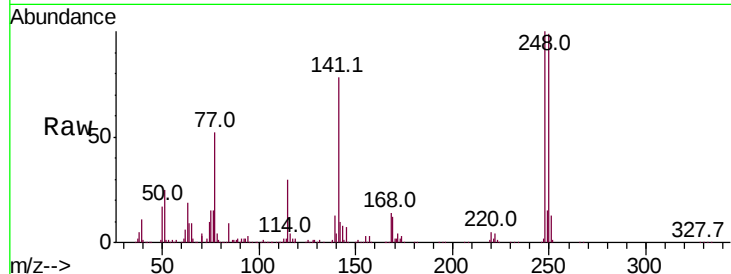




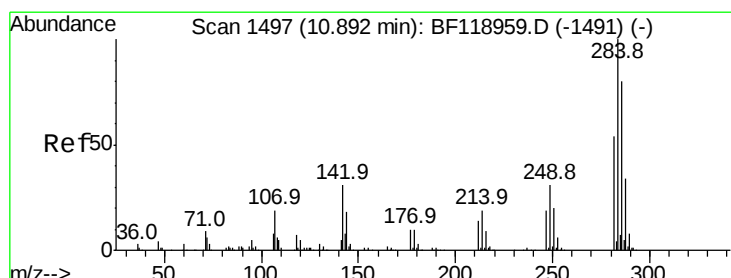
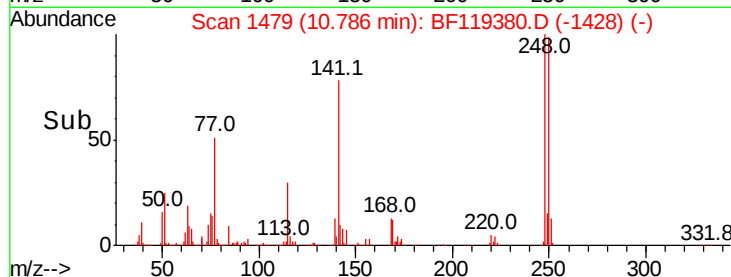
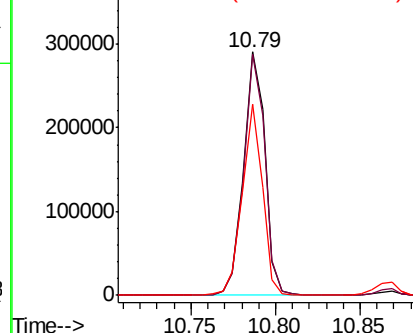
#67
4-Bromophenyl-phenylether
Concen: 42.329 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119380.D
Acq: 12 Mar 2020 14:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 257233
Ion Ratio Lower Upper
248 100
250 99.2 76.7 115.1
141 78.3 60.7 91.1

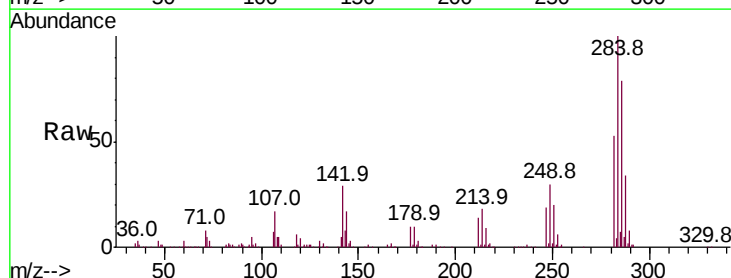


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

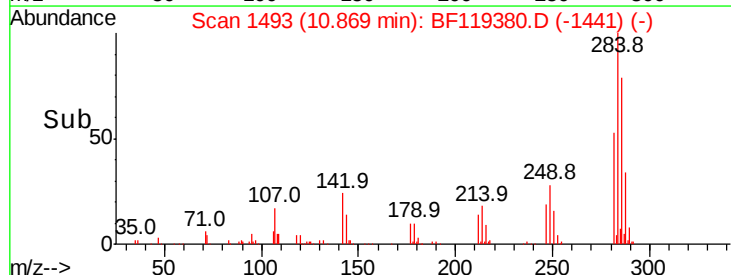
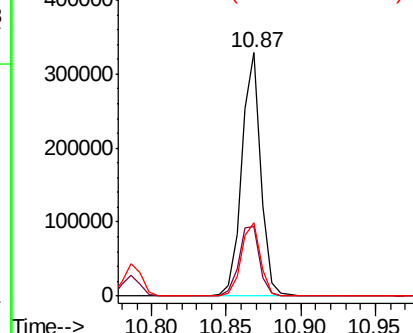


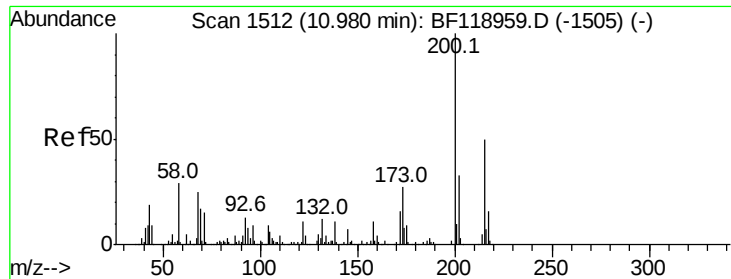
#68
Hexachlorobenzene
Concen: 41.825 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BF119380.D
Acq: 12 Mar 2020 14:20

Tgt Ion:284 Resp: 293049
Ion Ratio Lower Upper
284 100
142 28.7 23.7 35.5
249 30.1 25.0 37.6



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

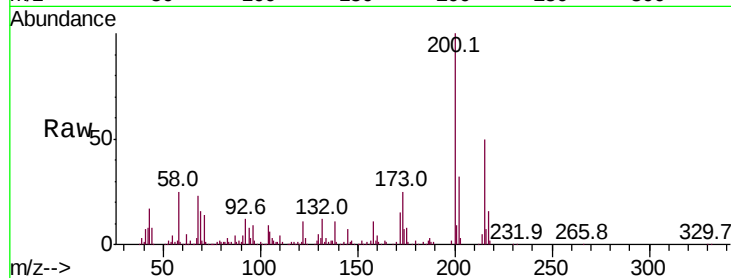




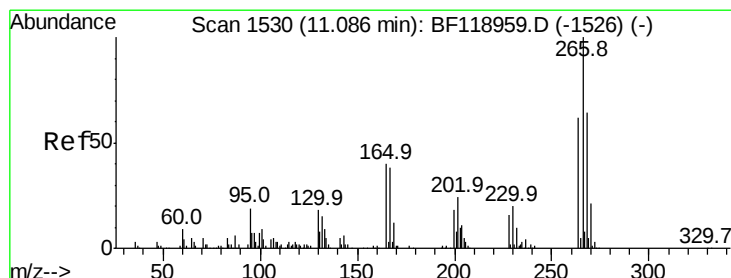
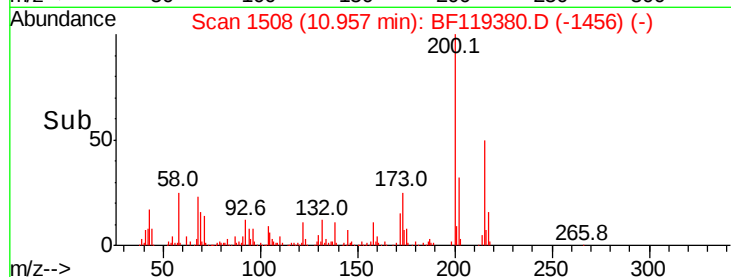
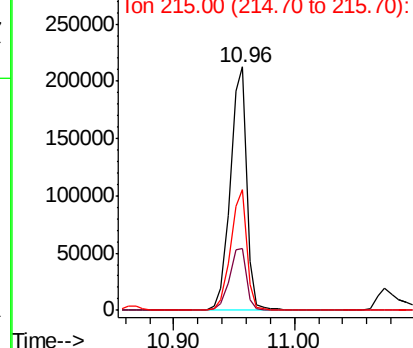
#69
Atrazine
Concen: 37.653 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.01 min
Lab File: BF119380.D
Acq: 12 Mar 2020 14:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.2	6.4	46.4
215	49.7	27.4	67.4

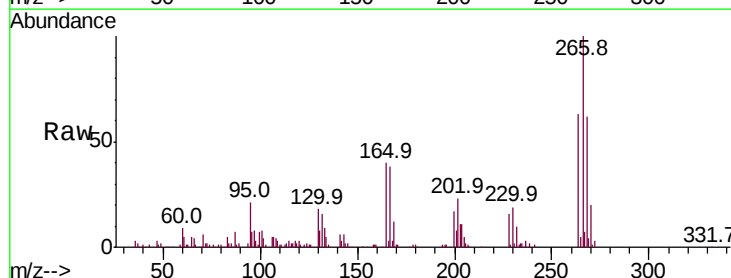


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

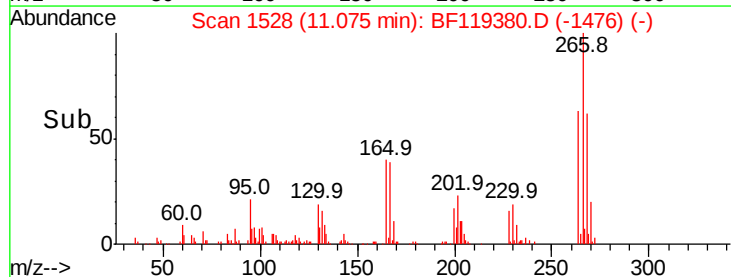
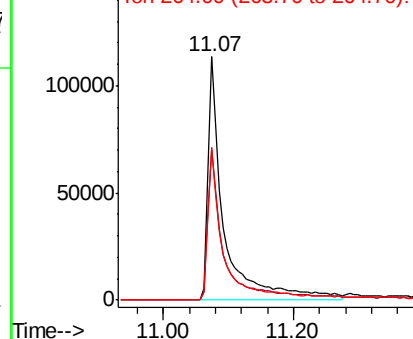


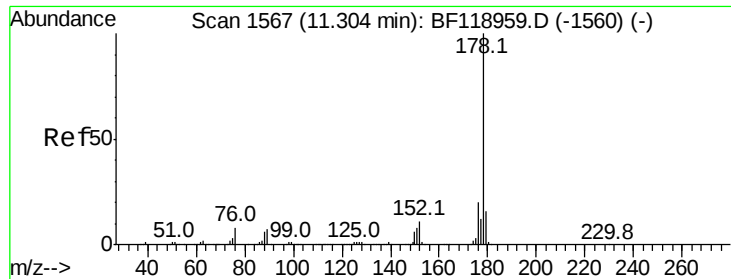
#70
Pentachlorophenol
Concen: 69.447 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF119380.D
Acq: 12 Mar 2020 14:20

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.9	51.9	77.9
264	62.6	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: 43.897 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.01 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

Instrument :

BNA_F

ClientSampleId :

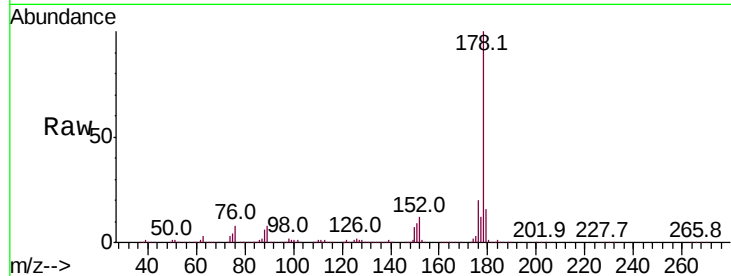
Tot Ion:178 Resp: 1112985

Ion Ratio Lower Upper

178 100

176 20.0 16.5 24.7

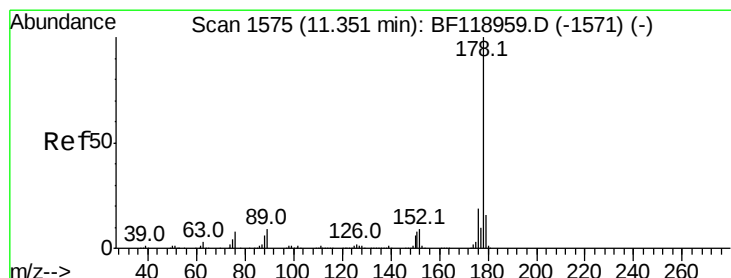
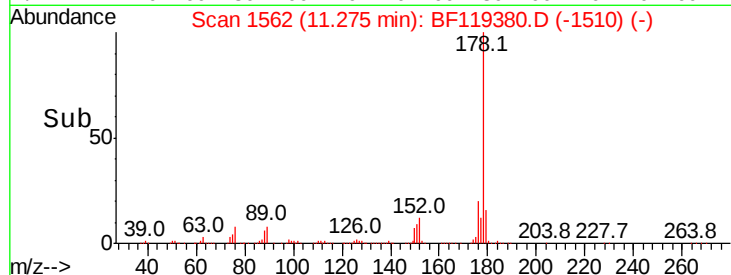
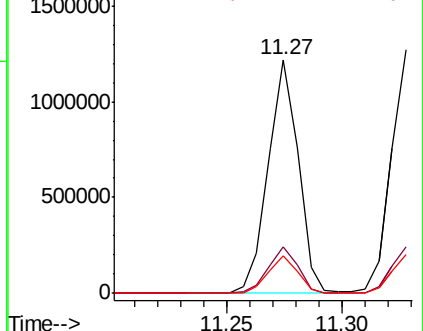
179 15.9 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.336 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

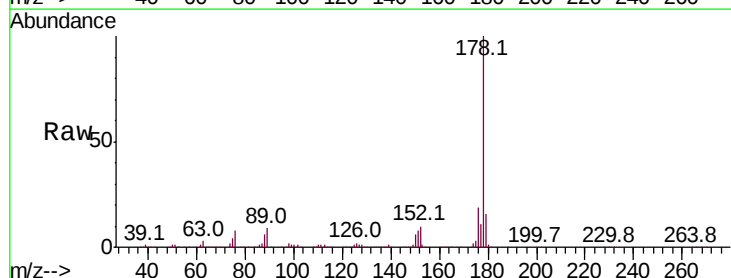
Tgt Ion:178 Resp: 1173828

Ion Ratio Lower Upper

178 100

176 19.3 16.0 24.0

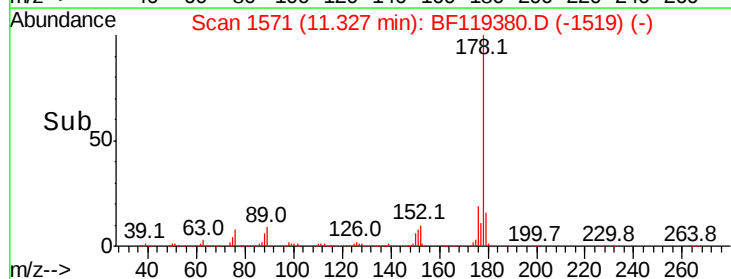
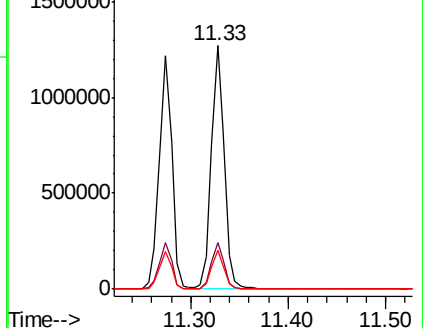
179 16.1 13.1 19.7

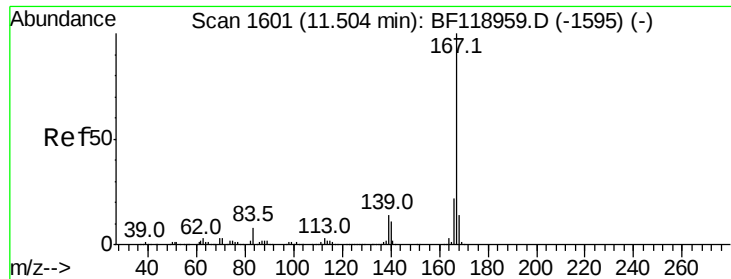


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



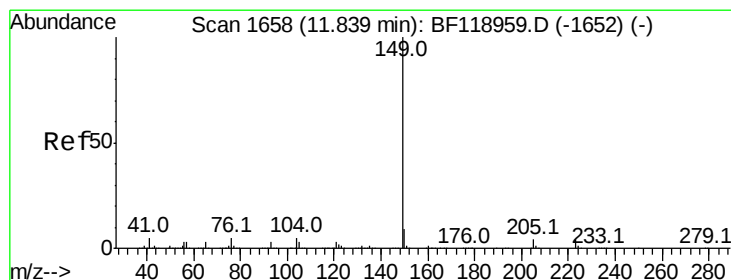
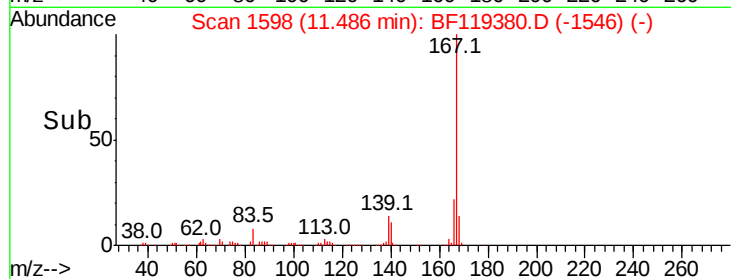
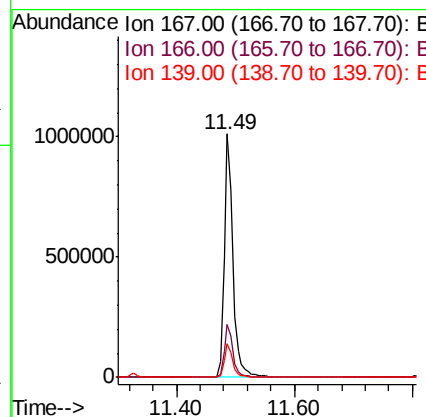
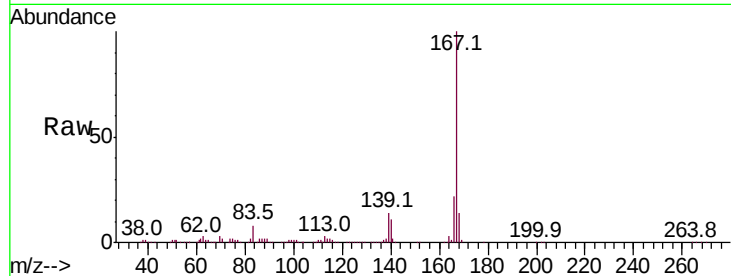


#73
 Carbazole
 Concen: 45.204 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF119380.D
 Acq: 12 Mar 2020 14:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1020200

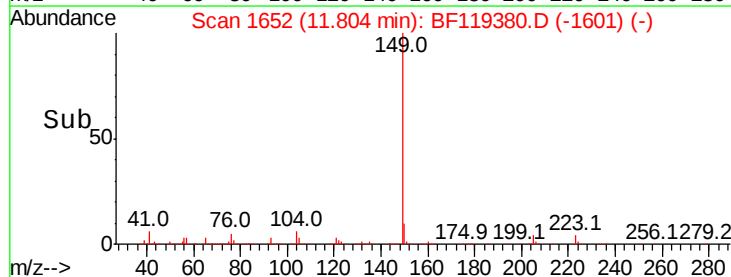
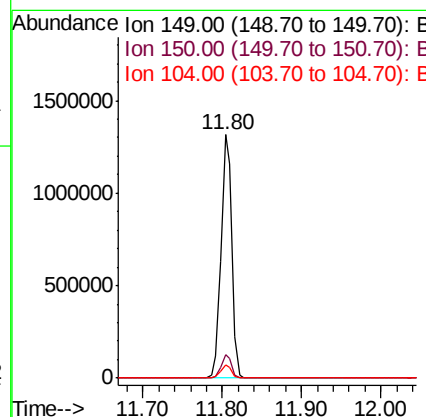
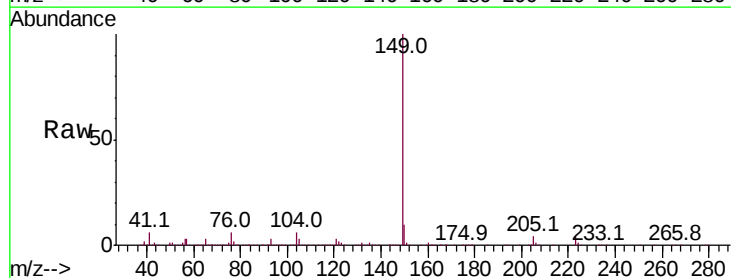
Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.2	27.4
139	13.8	11.7	17.5

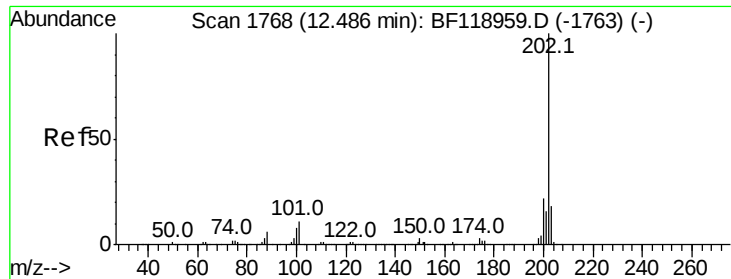


#74
 Di-n-butylphthalate
 Concen: 45.325 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF119380.D
 Acq: 12 Mar 2020 14:20

Tgt Ion:149 Resp: 1238771

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.9	11.9
104	5.6	4.6	6.8





#75

Fluoranthene

Concen: 44.437 ng

RT: 12.47 min Scan# 1765

Delta R.T. 0.01 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

Instrument :

BNA_F

ClientSampleId :

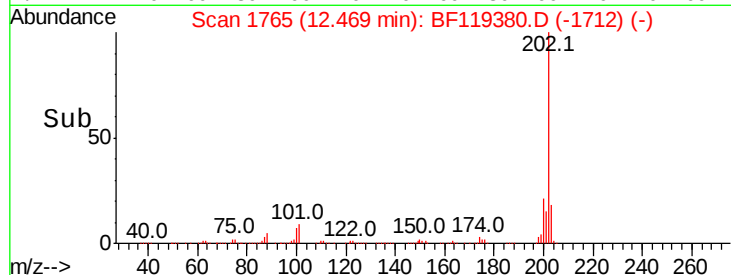
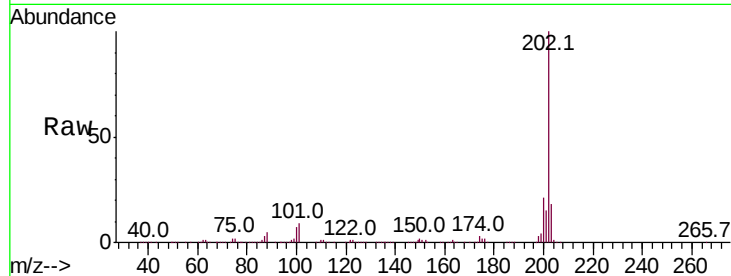
Tot Ion:202 Resp: 1195914

Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.3

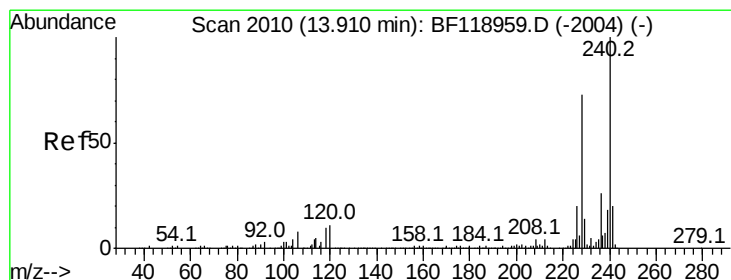
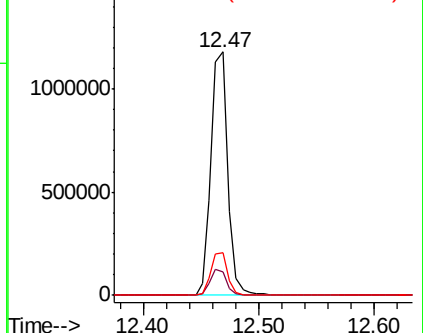
203 17.7 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

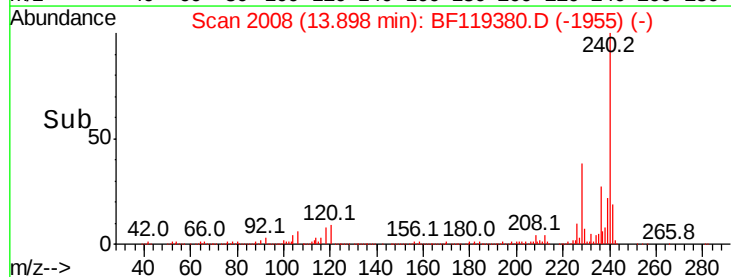
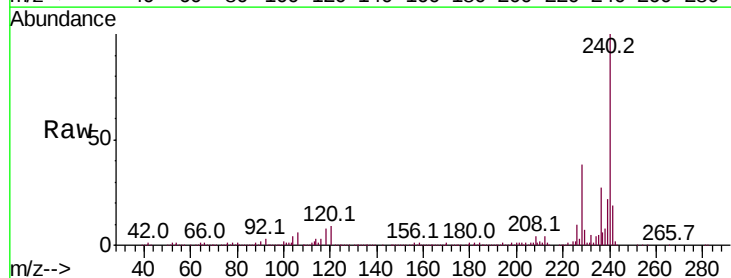
Tgt Ion:240 Resp: 317260

Ion Ratio Lower Upper

240 100

120 9.0 8.4 12.6

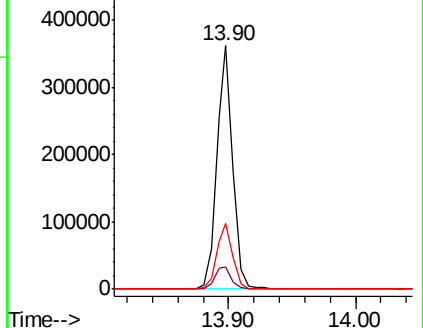
236 27.1 21.0 31.4

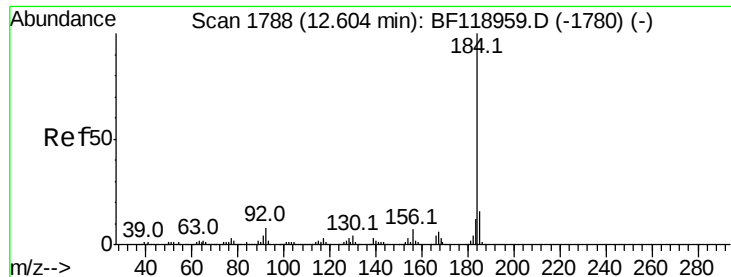


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 11.893 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

Instrument :

BNA_F

ClientSampleId :

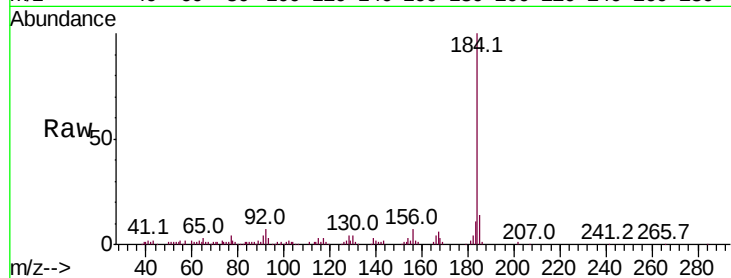
Tot Ion:184 Resp: 153448

Ion Ratio Lower Upper

184 100

185 14.4 12.2 18.4

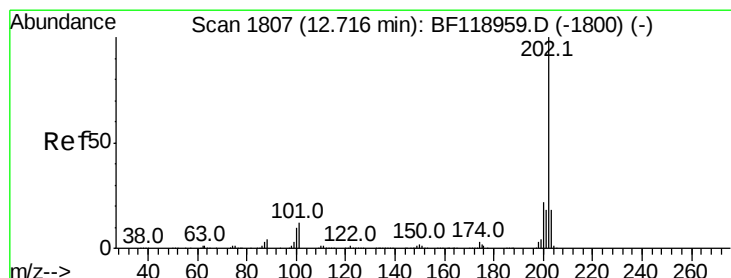
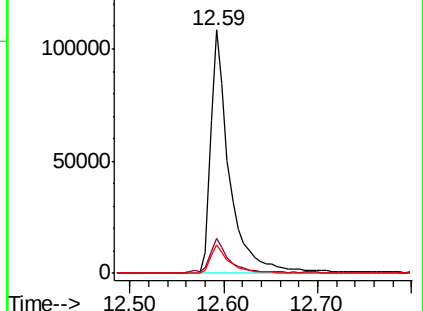
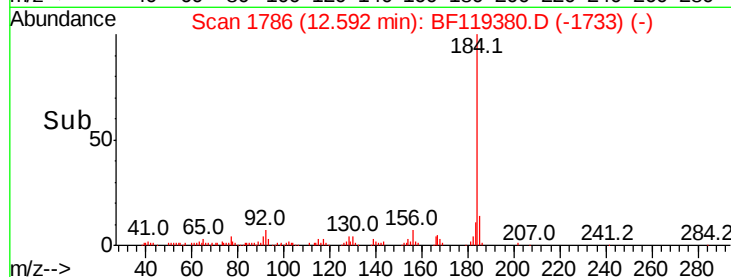
183 11.5 9.9 14.9



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: 46.304 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

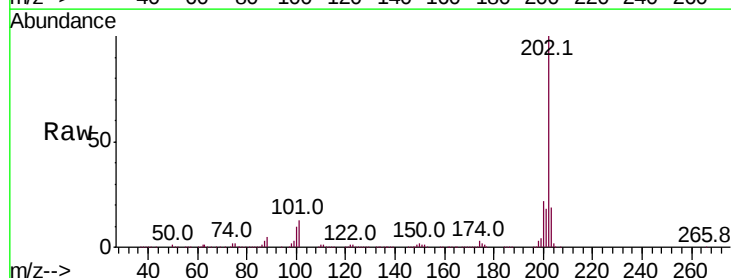
Tgt Ion:202 Resp: 1179625

Ion Ratio Lower Upper

202 100

200 22.0 18.0 27.0

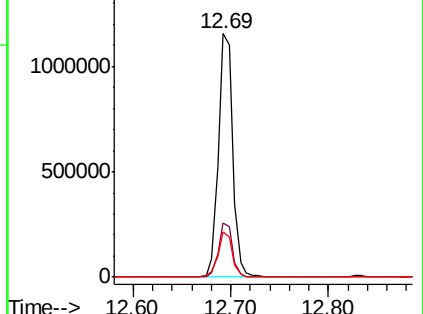
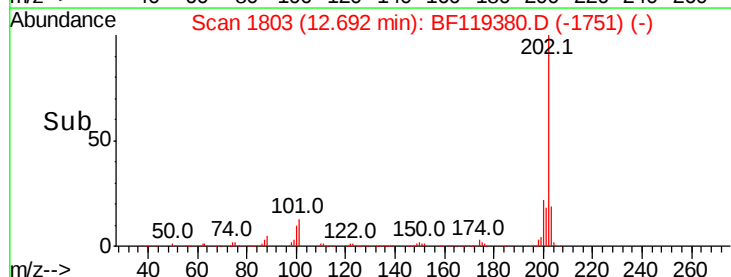
203 18.7 14.6 22.0

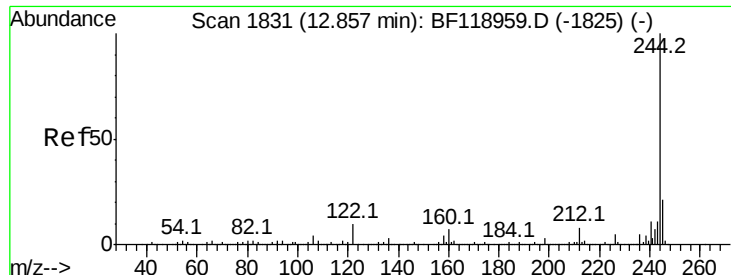


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 97.104 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

Instrument :

BNA_F

ClientSampleId :

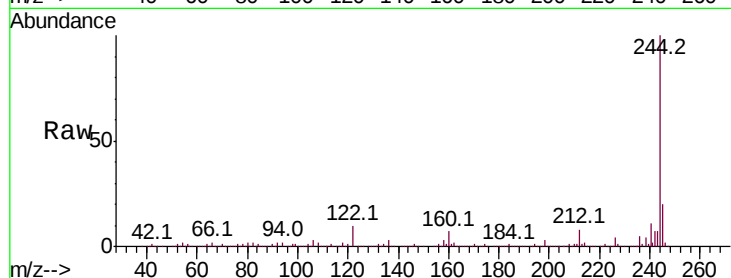
Tot Ion:244 Resp: 1789380

Ion Ratio Lower Upper

244 100

212 7.6 6.6 10.0

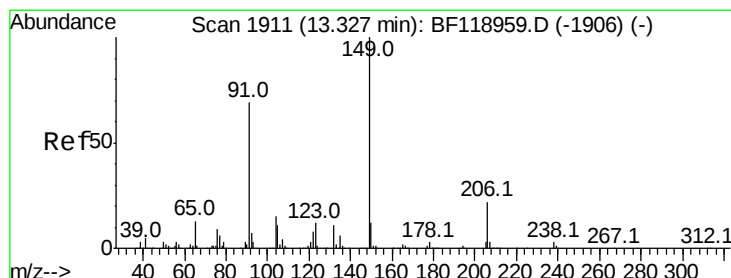
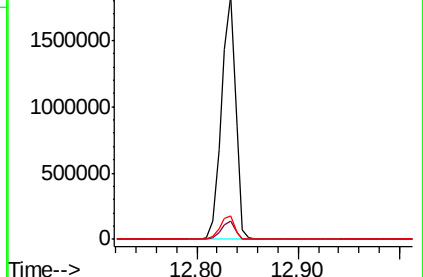
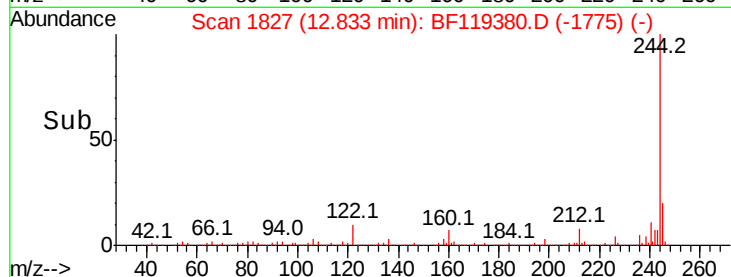
122 9.8 8.2 12.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.966 ng

RT: 13.30 min Scan# 1907

Delta R.T. 0.01 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

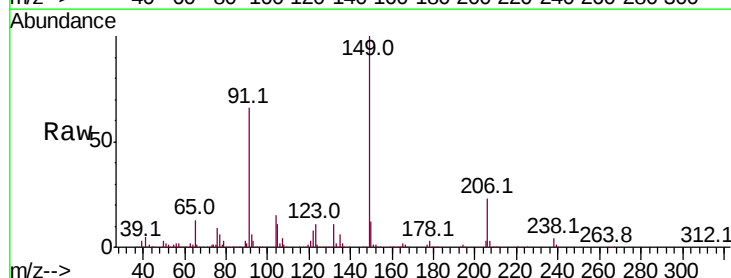
Tgt Ion:149 Resp: 482127

Ion Ratio Lower Upper

149 100

91 66.3 52.3 78.5

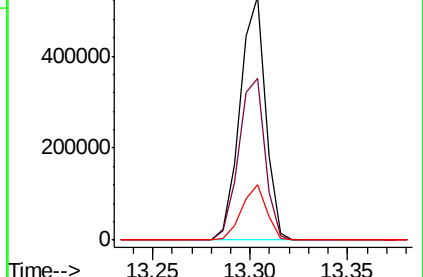
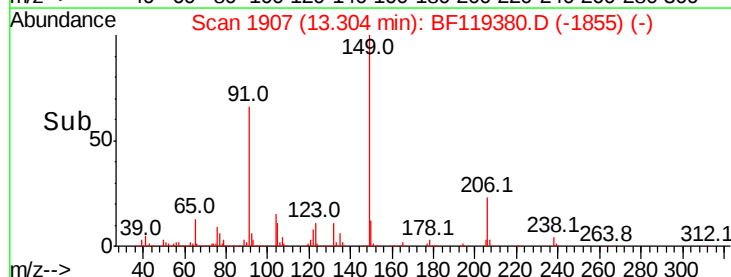
206 23.0 18.5 27.7

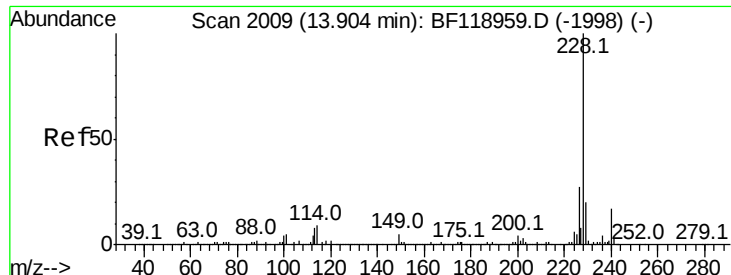


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.048 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

Instrument :

BNA_F

ClientSampled :

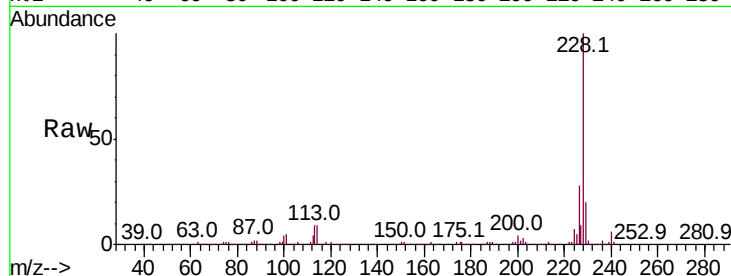
Tot Ion:228 Resp: 973793

Ion Ratio Lower Upper

228 100

226 27.8 22.6 33.8

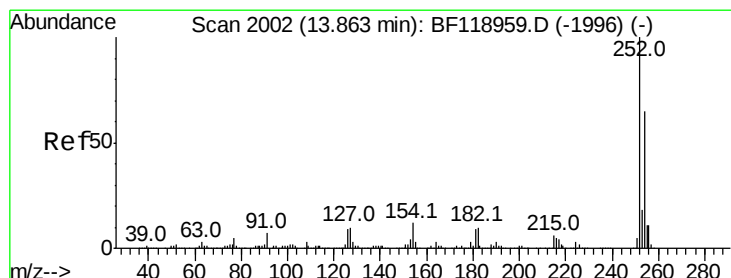
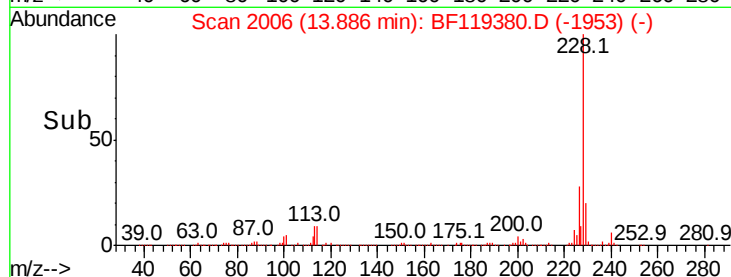
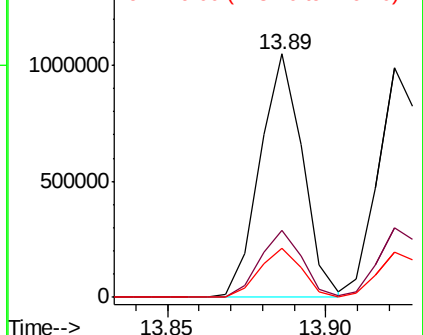
229 20.2 16.6 24.8



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: 21.226 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.01 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

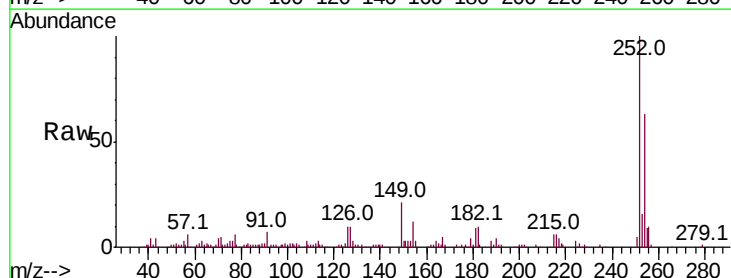
Tgt Ion:252 Resp: 178167

Ion Ratio Lower Upper

252 100

254 63.1 51.6 77.4

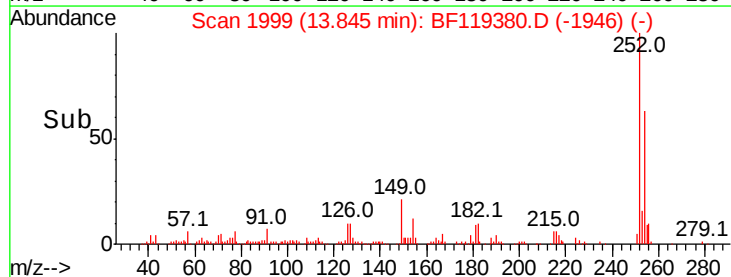
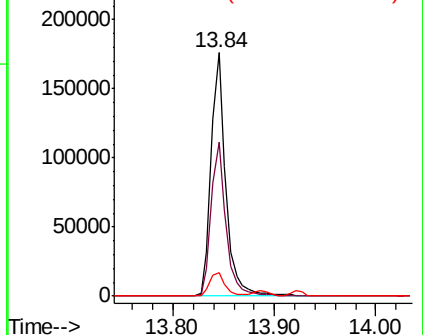
126 9.6 7.4 11.0

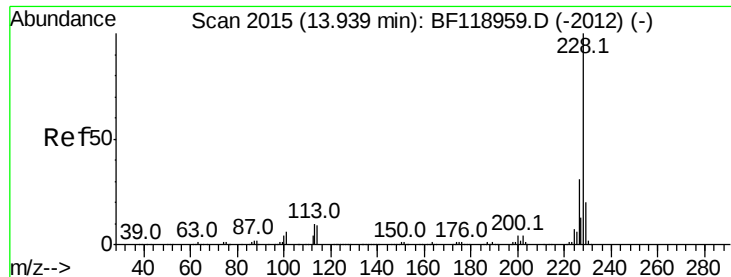


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.053 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

Instrument :

BNA_F

ClientSampleId :

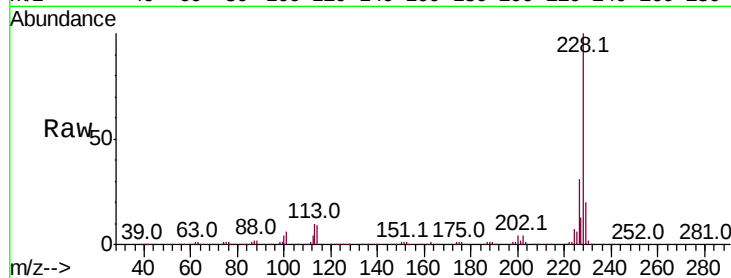
Tot Ion:228 Resp: 948880

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.1	37.7
229	19.9	16.3	24.5

228 100

226 30.5 25.1 37.7

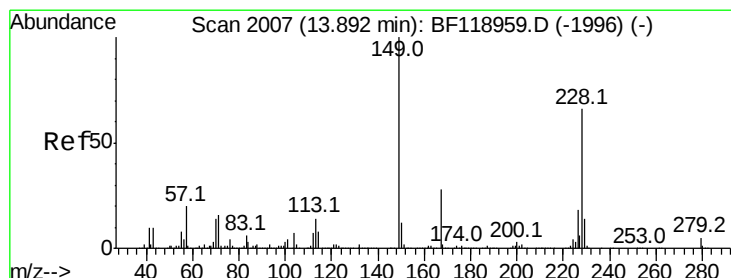
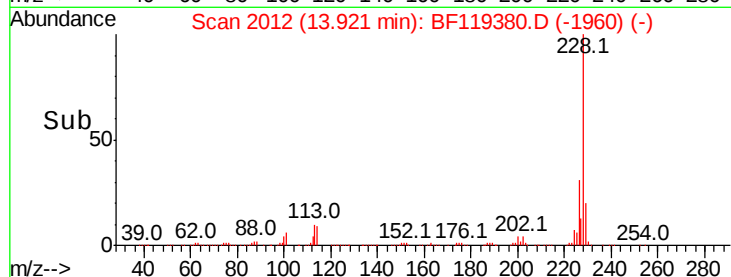
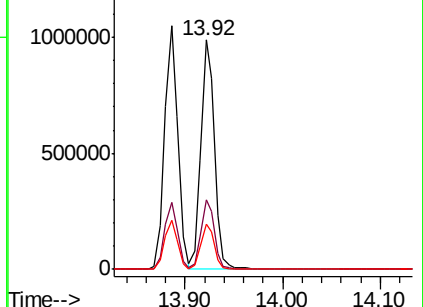
229 19.9 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.677 ng

RT: 13.86 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

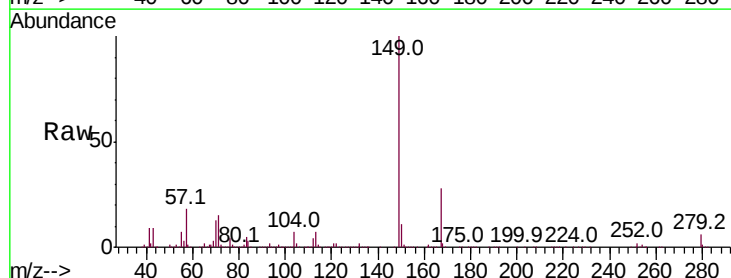
Tgt Ion:149 Resp: 632275

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.8	34.2
279	5.7	4.6	6.8

149 100

167 28.0 22.8 34.2

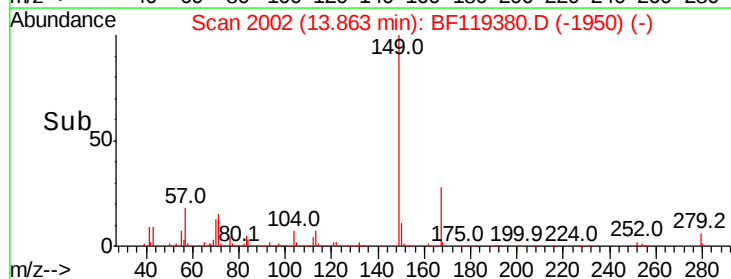
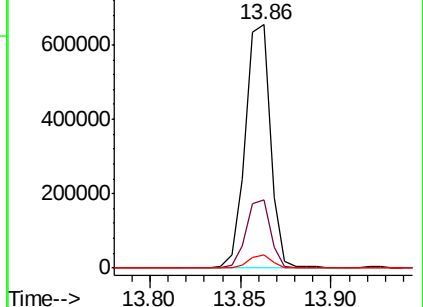
279 5.7 4.6 6.8

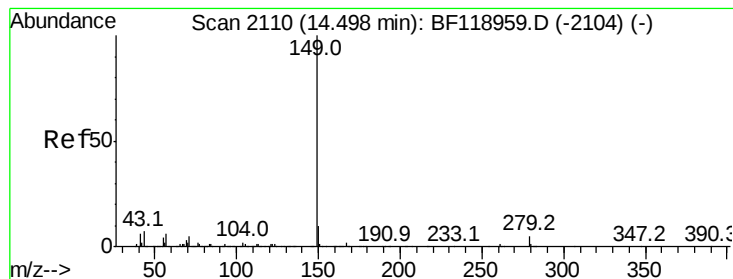


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.816 ng

RT: 14.47 min Scan# 2105

Delta R.T. 0.01 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

Instrument :

BNA_F

ClientSampled :

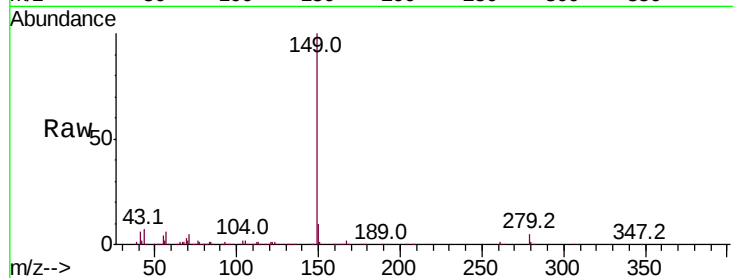
Tot Ion:149 Resp: 924075

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

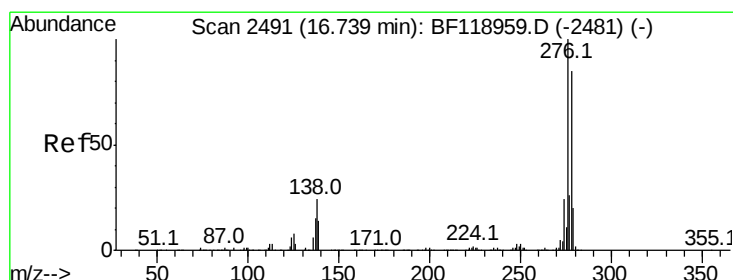
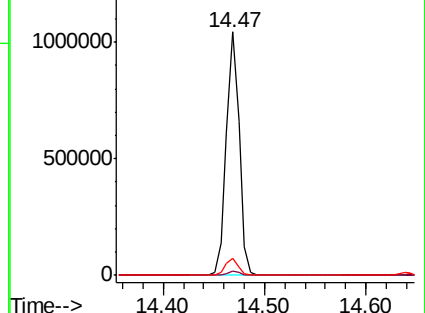
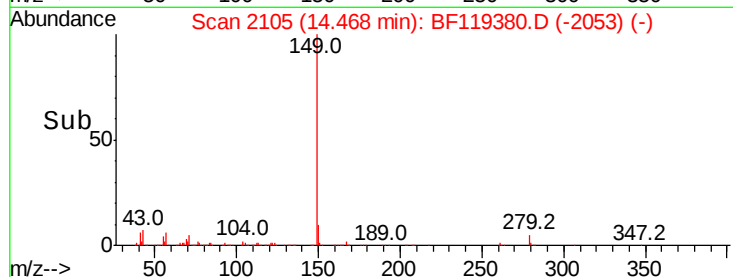
43 6.7 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.806 ng

RT: 16.76 min Scan# 2494

Delta R.T. 0.04 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

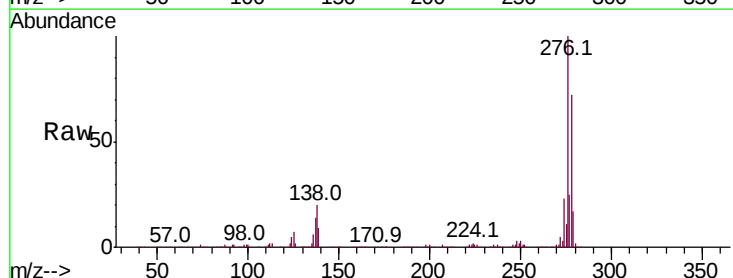
Tgt Ion:276 Resp: 809344

Ion Ratio Lower Upper

276 100

138 21.4 17.4 26.0

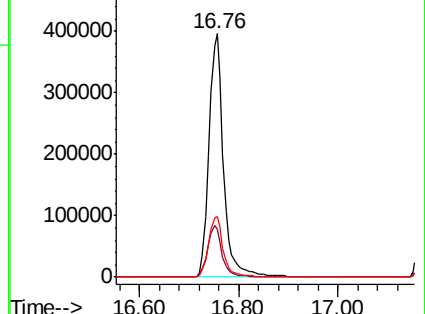
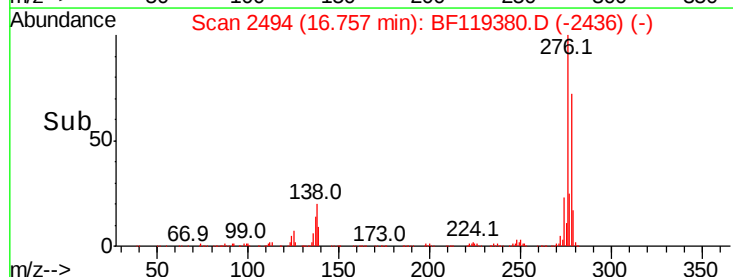
277 25.3 20.3 30.5

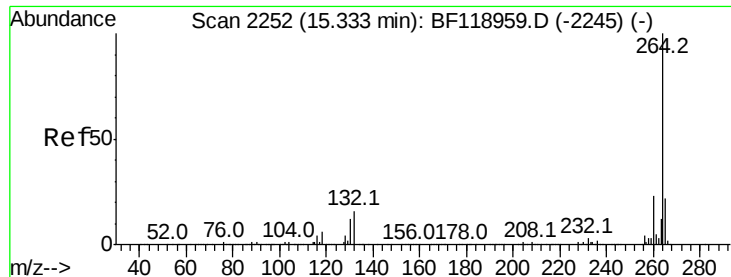


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

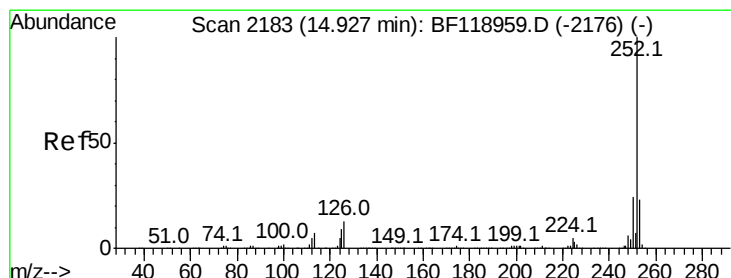
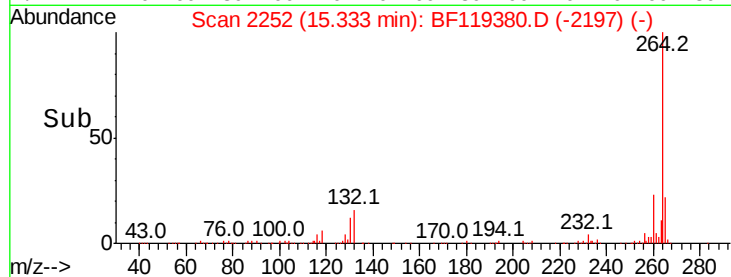
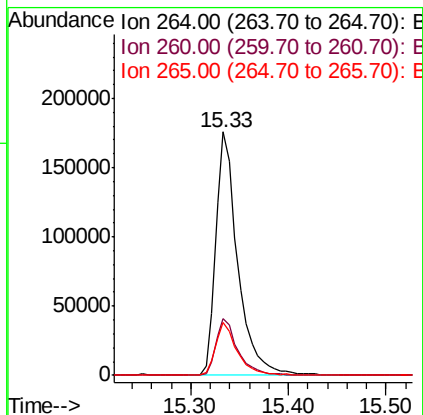
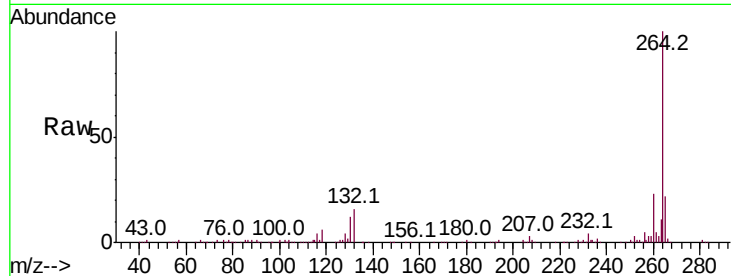




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.02 min
Lab File: BF119380.D
Acq: 12 Mar 2020 14:20

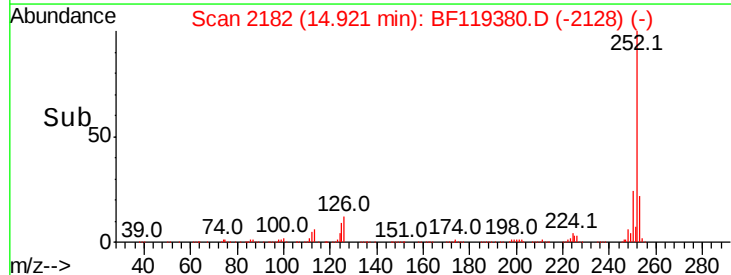
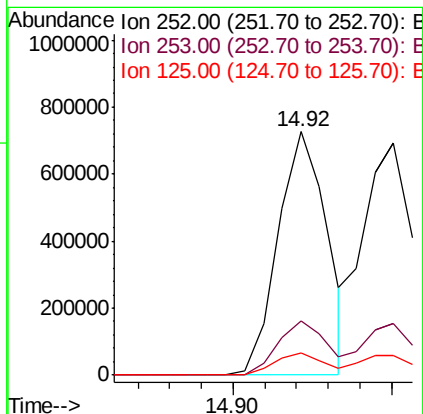
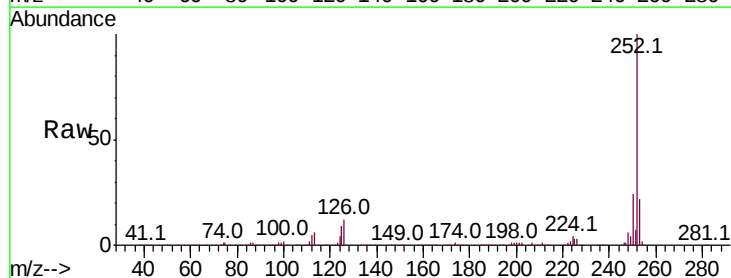
Instrument :
BNA_F
ClientSampleId :

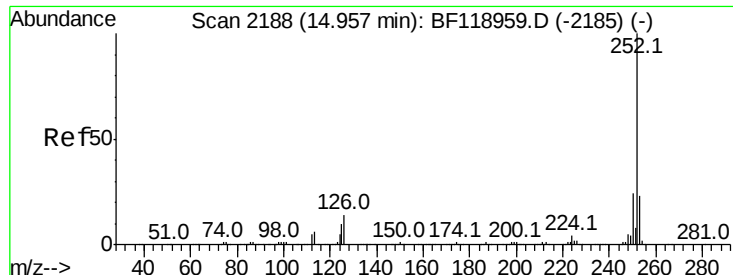
Tot Ion:264 Resp: 274084
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.2
265 21.6 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 43.240 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.02 min
Lab File: BF119380.D
Acq: 12 Mar 2020 14:20

Tgt Ion:252 Resp: 781184
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 9.1 7.4 11.0

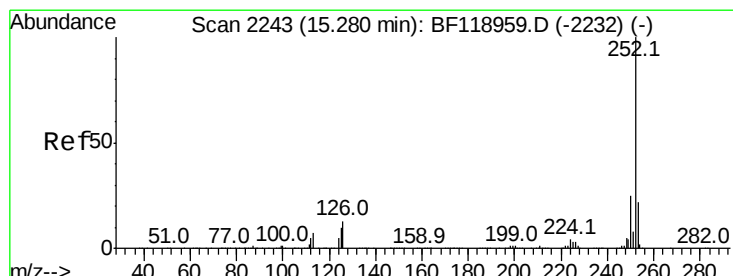
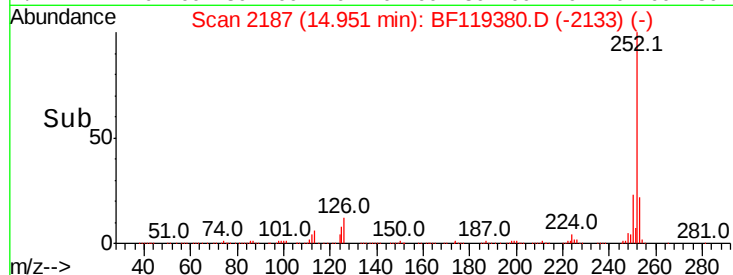
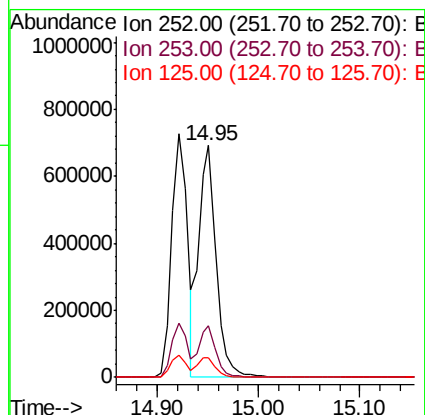
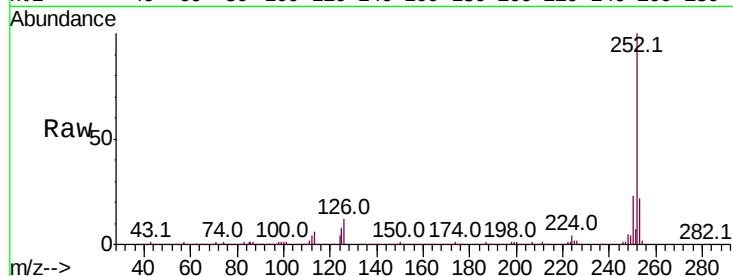




#89
Benzo(k)fluoranthene
Concen: 49.171 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.02 min
Lab File: BF119380.D
Acq: 12 Mar 2020 14:20

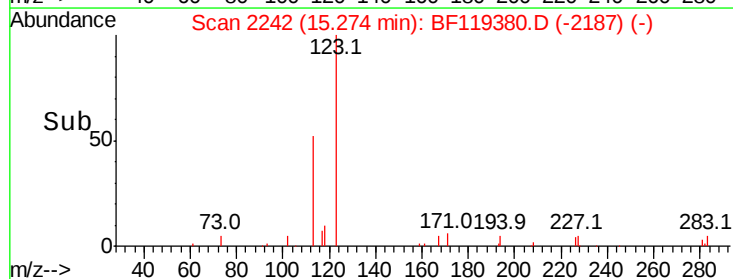
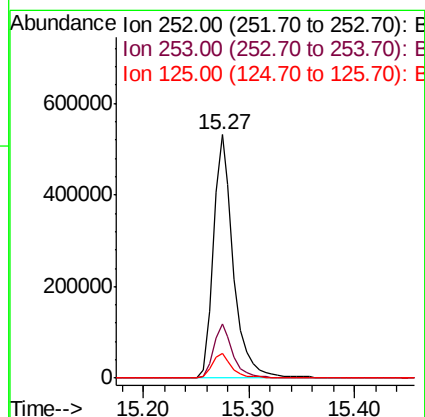
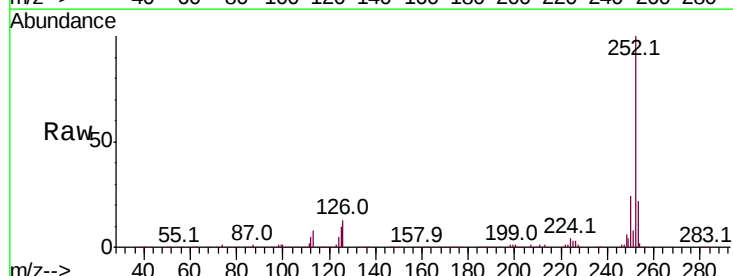
Instrument :
BNA_F
ClientSampleId :

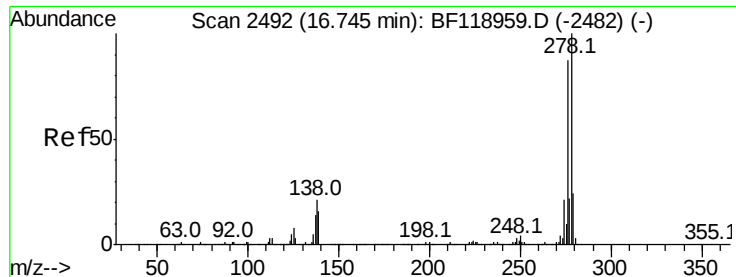
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	8.4	7.5	11.3



#90
Benzo(a)pyrene
Concen: 43.293 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.02 min
Lab File: BF119380.D
Acq: 12 Mar 2020 14:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	10.0	8.6	12.8





#91

Dibenzo(a,h)anthracene

Concen: 46.603 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.04 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

Instrument :

BNA_F

ClientSampleId :

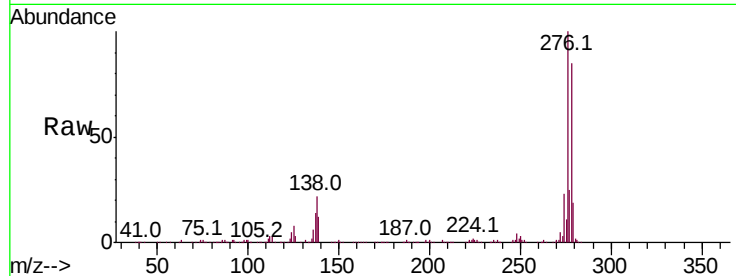
Tot Ion:278 Resp: 668595

Ion Ratio Lower Upper

278 100

139 14.2 11.0 16.4

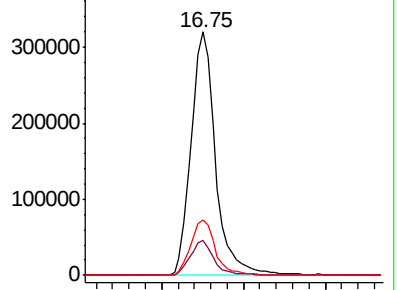
279 22.7 18.6 28.0



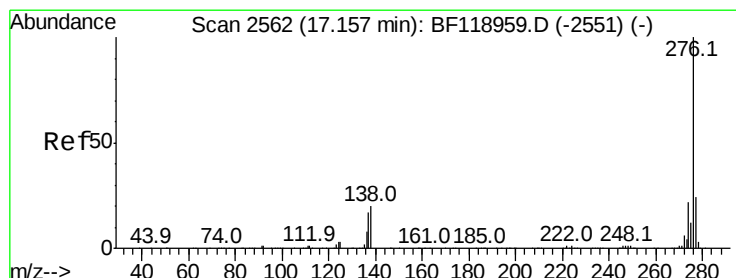
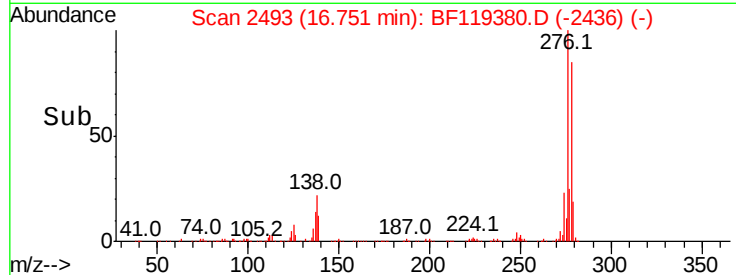
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 48.230 ng

RT: 17.18 min Scan# 2566

Delta R.T. 0.04 min

Lab File: BF119380.D

Acq: 12 Mar 2020 14:20

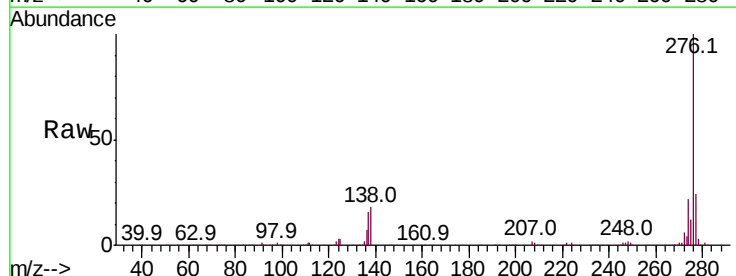
Tgt Ion:276 Resp: 683667

Ion Ratio Lower Upper

276 100

277 23.6 18.7 28.1

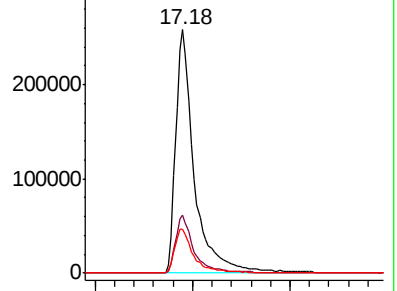
138 18.0 14.3 21.5



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



Time-->

