

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118599.D
 Acq On : 20 Jan 2020 19:00
 Operator : CG/JU
 Sample : L1181-05MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 21 01:41:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	532101	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1976823	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	1107492	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	1902895	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1150534	20.00	ng	0.00
87) Perylene-d12	15.51	264	1175739	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	3329757	116.22	ng	0.02
7) Phenol-d6	6.52	99	4508447	121.07	ng	0.00
23) Nitrobenzene-d5	7.45	82	2863633	81.03	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	1483252	115.79	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	4847863	71.95	ng	0.00
79) Terphenyl-d14	12.99	244	4941575	93.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	515614	37.157	ng	100
3) Pyridine	3.52	79	1303539	33.329	ng	100
4) n-Nitrosodimethylamine	3.45	42	686968	40.969	ng	97
6) Aniline	6.55	93	1033101	21.070	ng	98
8) 2-Chlorophenol	6.67	128	1414457	43.985	ng	99
9) Benzaldehyde	6.43	77	760721	33.591	ng	98
10) Phenol	6.53	94	1858173	43.787	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	1321316	41.966	ng	98
12) 1,3-Dichlorobenzene	6.82	146	1525526	40.531	ng	97
13) 1,4-Dichlorobenzene	6.90	146	1558303	41.244	ng	99
14) 1,2-Dichlorobenzene	7.06	146	1475942	41.555	ng	98
15) Benzyl Alcohol	7.02	79	1288727	43.641	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1784314	40.686	ng	100
17) 2-Methylphenol	7.13	107	1182293	44.138	ng	99
18) Hexachloroethane	7.40	117	563996	41.167	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	1067910	42.472	ng	98
20) 3+4-Methylphenols	7.28	107	1426593	43.622	ng	91
22) Acetophenone	7.29	105	1881074	40.169	ng	# 93
24) Nitrobenzene	7.46	77	1527482	42.210	ng	95
25) Isophorone	7.70	82	2755981	42.753	ng	99
26) 2-Nitrophenol	7.77	139	740649	47.994	ng	97
27) 2,4-Dimethylphenol	7.82	122	1352472	50.753	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	1710156	41.173	ng	99
29) 2,4-Dichlorophenol	8.02	162	1271728	43.170	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	1384757	40.542	ng	99
31) Naphthalene	8.19	128	3850808	43.122	ng	98
32) Benzoic acid	7.93	122	740952	37.049	ng	97
33) 4-Chloroaniline	8.23	127	303423	7.351	ng	96
34) Hexachlorobutadiene	8.31	225	823089	39.570	ng	100
35) Caprolactam	8.60	113	221887	23.017	ng	99
36) 4-Chloro-3-methylphenol	8.71	107	1234646	42.442	ng	100
37) 2-Methylnaphthalene	8.88	142	2760130	43.789	ng	100
38) 1-Methylnaphthalene	8.98	142	2591411	43.274	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1382473	39.895	ng	99

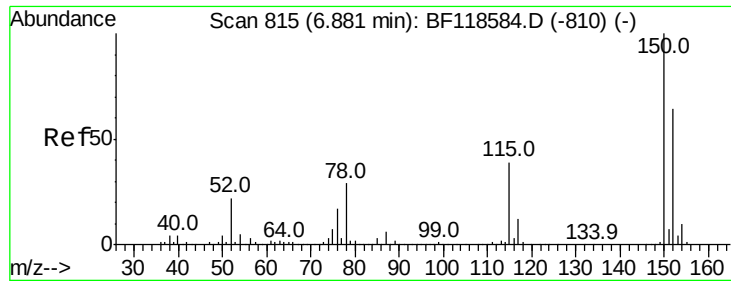
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	1604163	91.753	ng	98
43) 2,4,6-Trichlorophenol	9.15	196	977234	42.498	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	998896	42.534	ng	97
46) 1,1'-Biphenyl	9.35	154	3201352	41.942	ng	99
47) 2-Chloronaphthalene	9.37	162	2621395	40.746	ng	99
48) 2-Nitroaniline	9.46	65	778009	39.340	ng	96
49) Acenaphthylene	9.79	152	3829406	42.311	ng	99
50) Dimethylphthalate	9.65	163	3235530	44.842	ng	99
51) 2,6-Dinitrotoluene	9.70	165	701817	43.436	ng	94
52) Acenaphthene	9.96	154	2648448	43.762	ng	99
53) 3-Nitroaniline	9.86	138	322170	17.462	ng	97
54) 2,4-Dinitrophenol	9.97	184	495538	76.822	ng	# 48
55) Dibenzofuran	10.13	168	3550177	42.330	ng	99
56) 4-Nitrophenol	10.03	139	1100739	79.032	ng	92
57) 2,4-Dinitrotoluene	10.10	165	889570	43.673	ng	98
58) Fluorene	10.47	166	2732982	41.509	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	849973	41.149	ng	100
60) Diethylphthalate	10.35	149	2839509	40.588	ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	1483977	41.441	ng	99
62) 4-Nitroaniline	10.49	138	649473	34.319	ng	99
63) Azobenzene	10.62	77	2838694	41.898	ng	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	389519	46.551	ng	95
66) n-Nitrosodiphenylamine	10.58	169	2490506	43.399	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	1009816	42.954	ng	96
68) Hexachlorobenzene	11.02	284	1099031	41.234	ng	97
69) Atrazine	11.10	200	898612	45.178	ng	99
70) Pentachlorophenol	11.21	266	1151867	77.729	ng	100
71) Phenanthrene	11.43	178	3806962	41.468	ng	98
72) Anthracene	11.49	178	3896357	42.893	ng	99
73) Carbazole	11.63	167	3374347	40.498	ng	99
74) Di-n-butylphthalate	11.97	149	4019107	43.416	ng	97
75) Fluoranthene	12.62	202	3831529	39.571	ng	98
77) Benzidine	12.73	184	1319823	42.933	ng	98
78) Pyrene	12.85	202	3844578	49.219	ng	100
80) Butylbenzylphthalate	13.46	149	1604693	50.197	ng	98
81) Benzo(a)anthracene	14.03	228	2946057	42.567	ng	99
82) 3,3'-Dichlorobenzidine	13.99	252	531904	21.568	ng	99
83) Chrysene	14.07	228	2815001	42.438	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	2086584	53.426	ng	99
85) Di-n-octyl phthalate	14.64	149	3089518	53.443	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	3408201	59.134	ng	100
88) Benzo(b)fluoranthene	15.08	252	2840940	38.441	ng	99
89) Benzo(k)fluoranthene	15.12	252	2625671	38.349	ng	99
90) Benzo(a)pyrene	15.45	252	2541326	39.863	ng	100
91) Dibenzo(a,h)anthracene	17.01	278	2833048	50.238	ng	98
92) Benzo(g,h,i)perylene	17.44	276	2815503	51.421	ng	98

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

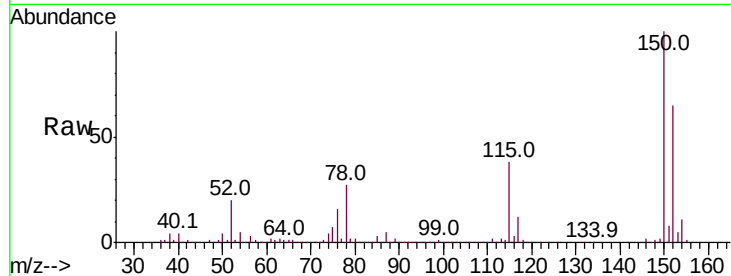


#1

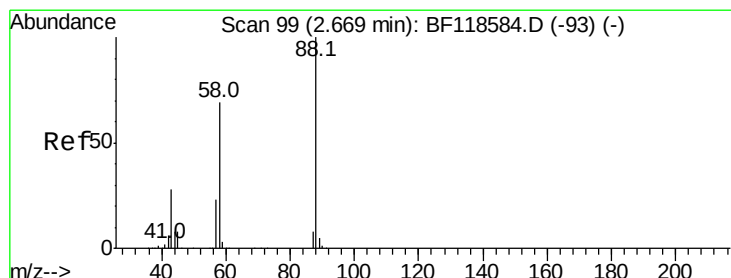
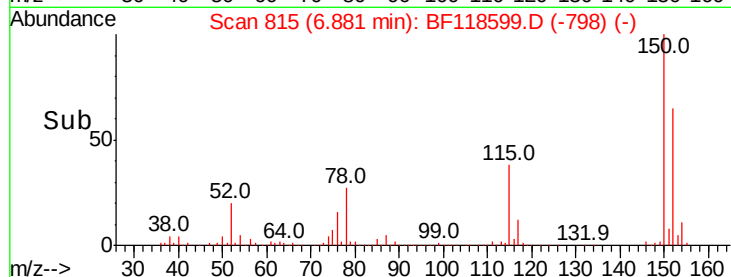
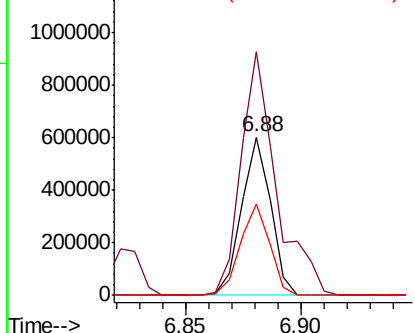
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118599.D
Acq: 20 Jan 2020 19:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 532101
Ion Ratio Lower Upper
152 100
150 154.1 125.6 188.4
115 58.0 48.4 72.6



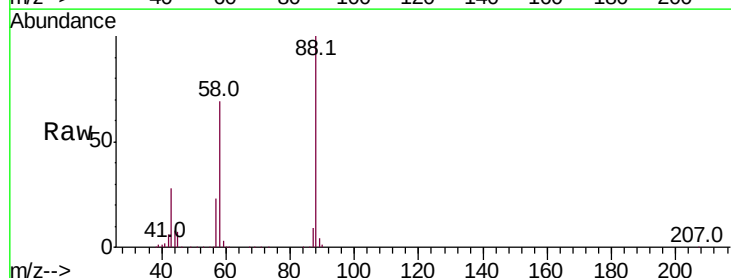
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



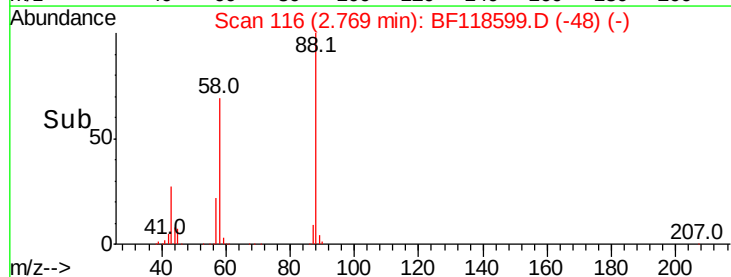
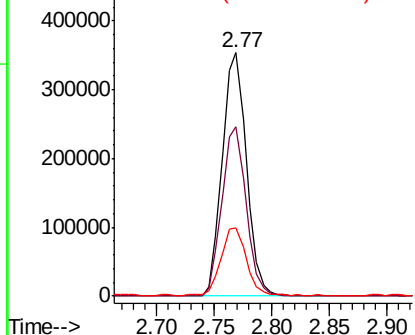
#2

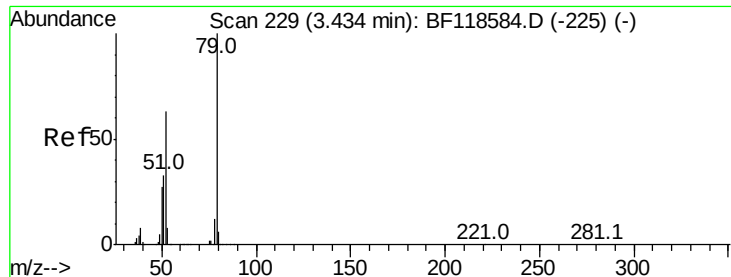
1,4-Dioxane
Concen: 37.157 ng
RT: 2.77 min Scan# 116
Delta R.T. 0.10 min
Lab File: BF118599.D
Acq: 20 Jan 2020 19:00

Tgt Ion: 88 Resp: 515614
Ion Ratio Lower Upper
88 100
58 69.9 56.1 84.1
43 28.4 23.0 34.6



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

Pvrindine

Concen: 33.329 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.08 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

Instrument :

BNA_F

ClientSampleId :

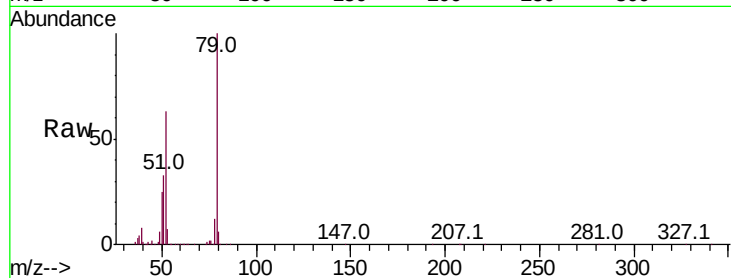
Tot Ion: 79 Resp: 1303539

Ion Ratio Lower Upper

79 100

52 63.1 50.7 76.1

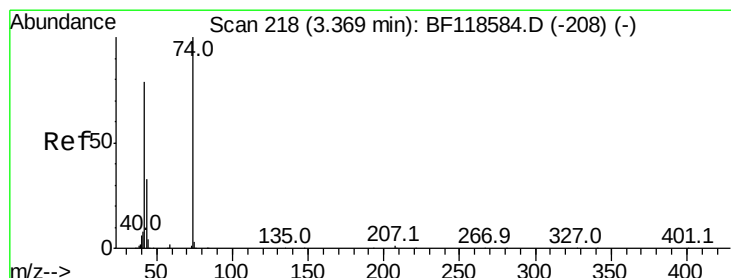
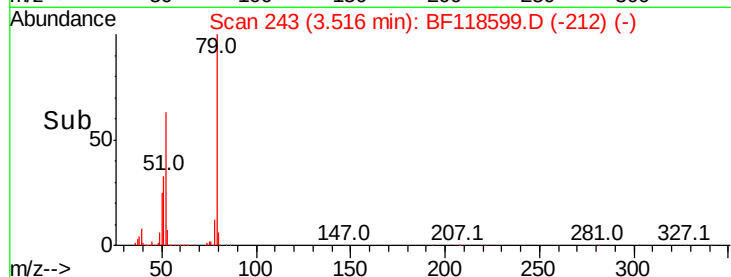
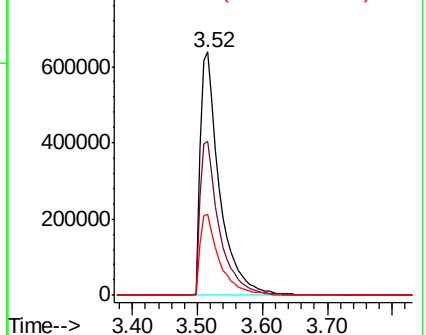
51 33.2 26.6 40.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.969 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.08 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

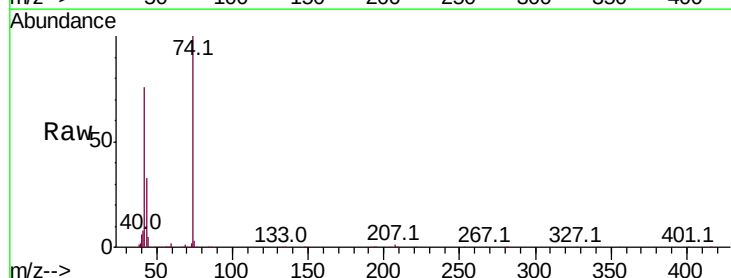
Tgt Ion: 42 Resp: 686968

Ion Ratio Lower Upper

42 100

74 130.8 101.6 152.4

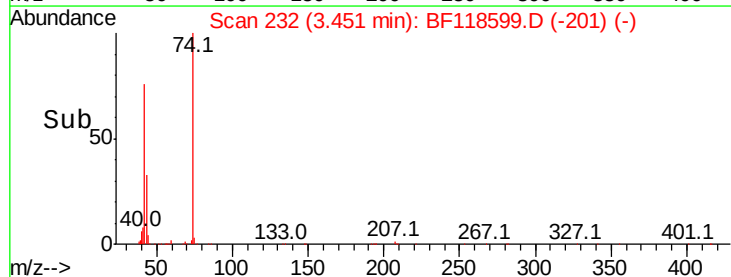
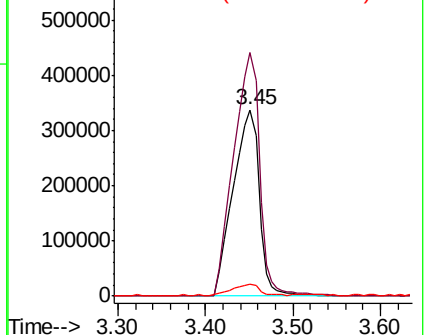
44 6.2 4.9 7.3

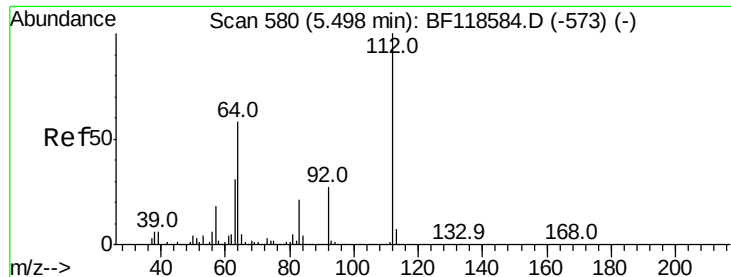


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 116.222 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.02 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

Instrument :

BNA_F

ClientSampleId :

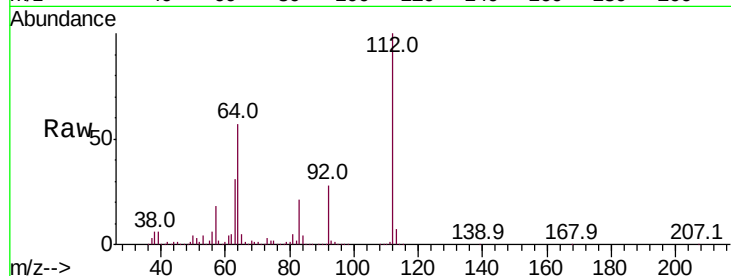
Tot Ion:112 Resp: 3329757

Ion Ratio Lower Upper

112 100

64 57.5 46.6 70.0

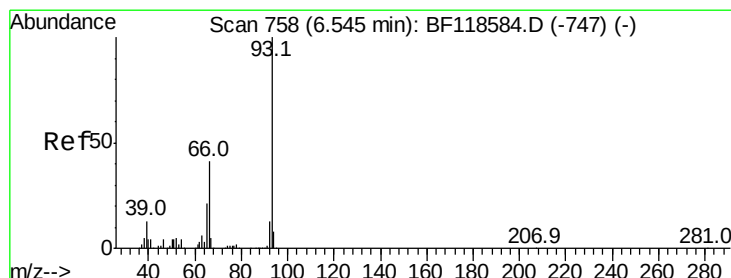
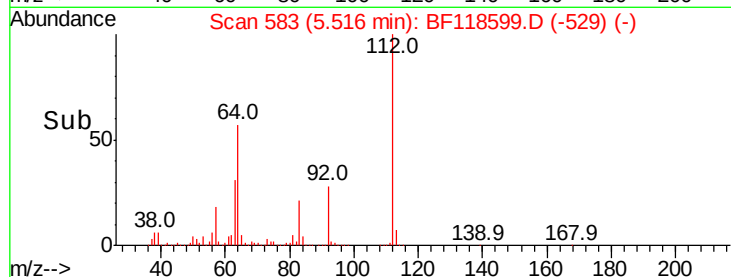
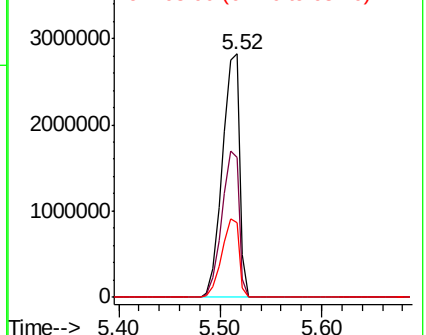
63 30.8 25.1 37.7



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: 21.070 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

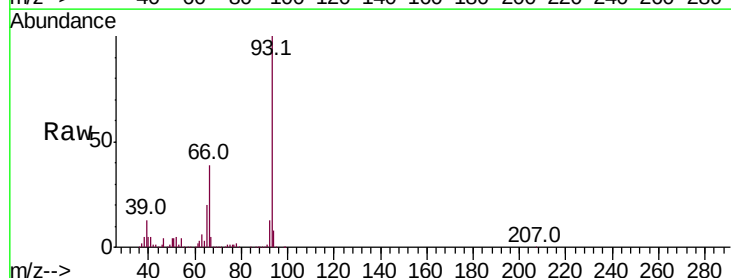
Tgt Ion: 93 Resp: 1033101

Ion Ratio Lower Upper

93 100

66 39.2 32.8 49.2

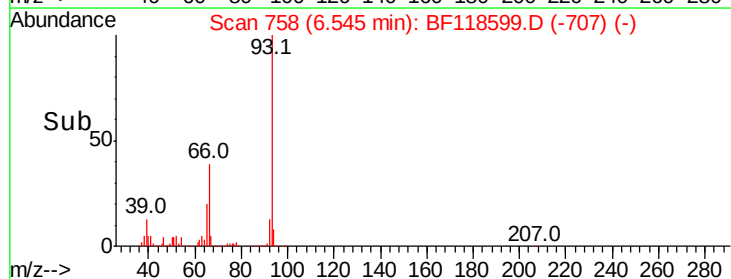
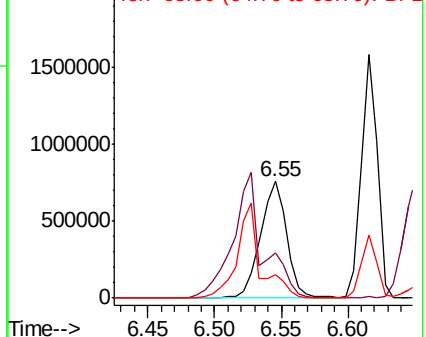
65 20.0 16.5 24.7

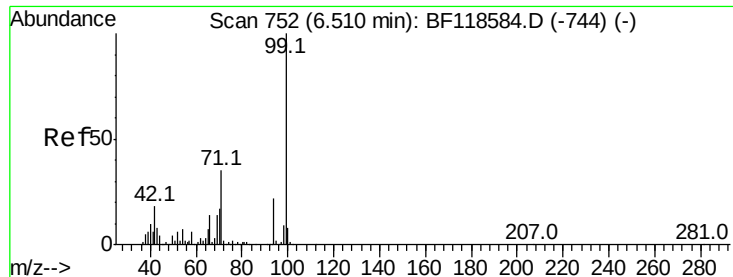


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 121.073 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

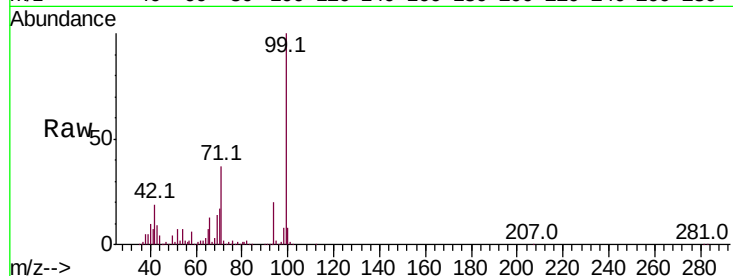
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 4508447

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.2	21.2
71	36.7	27.8	41.6

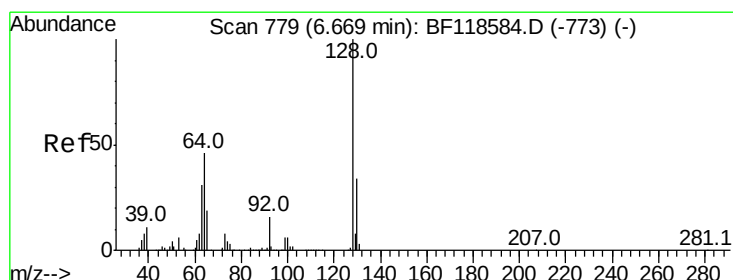
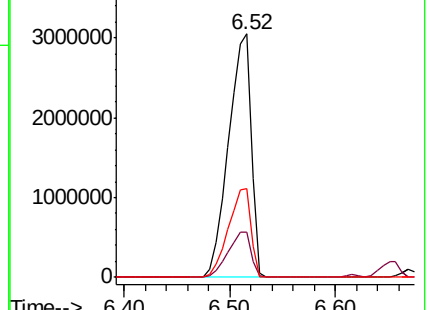
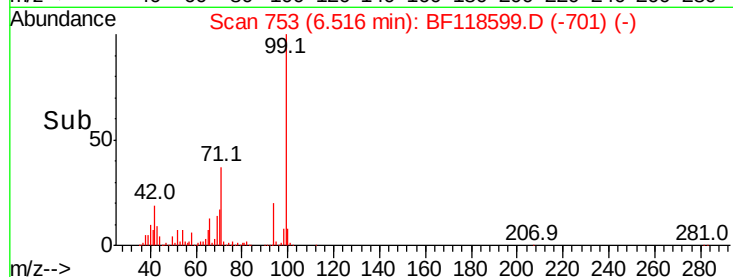


Abundance

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: 43.985 ng

RT: 6.67 min Scan# 779

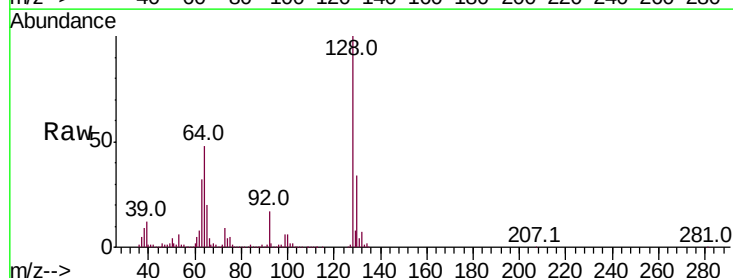
Delta R.T. 0.00 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

Tgt Ion: 128 Resp: 1414457

Ion	Ratio	Lower	Upper
128	100		
130	34.0	13.6	53.6
64	47.8	26.4	66.4

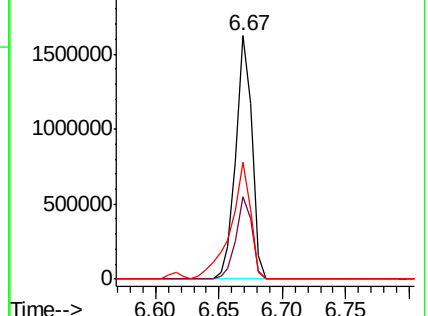
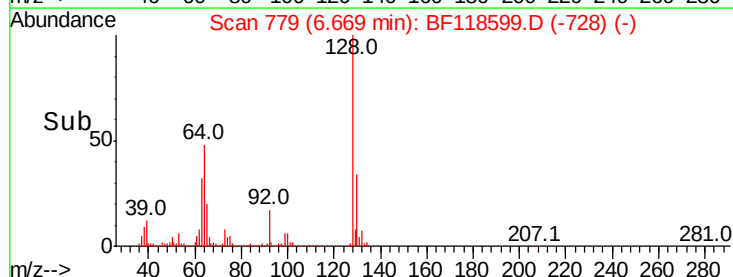


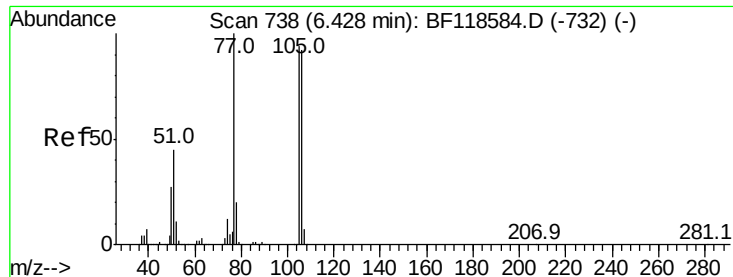
Abundance

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: 33.591 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

Instrument :

BNA_F

ClientSampled :

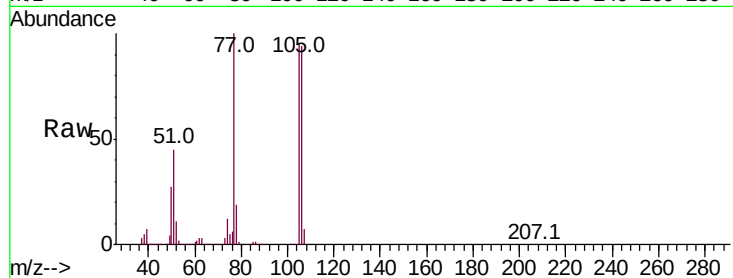
Tot Ion: 77 Resp: 760721

Ion Ratio Lower Upper

77 100

105 95.1 73.5 113.5

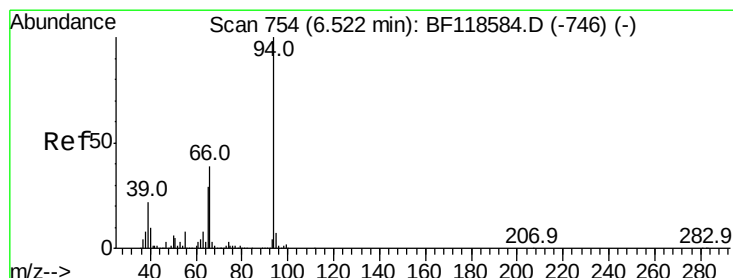
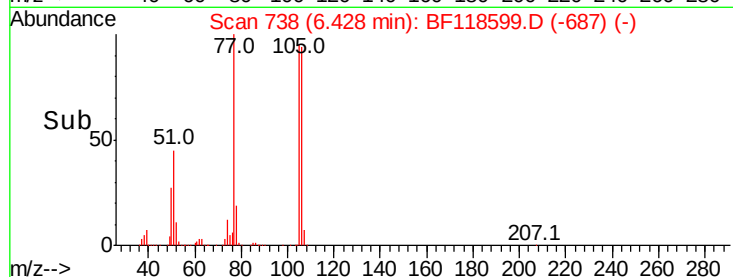
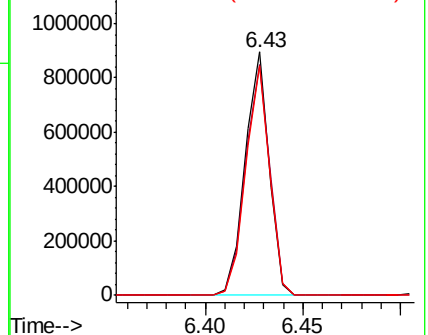
106 94.0 71.9 111.9



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: 43.787 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

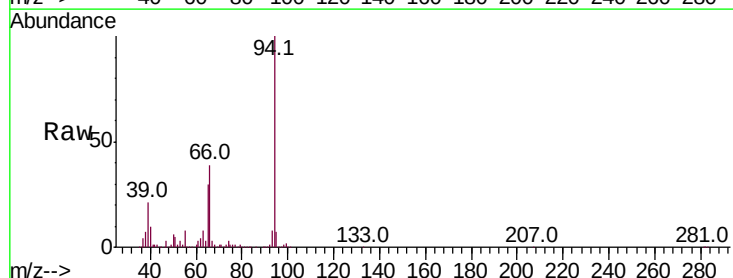
Tgt Ion: 94 Resp: 1858173

Ion Ratio Lower Upper

94 100

65 29.6 9.5 49.5

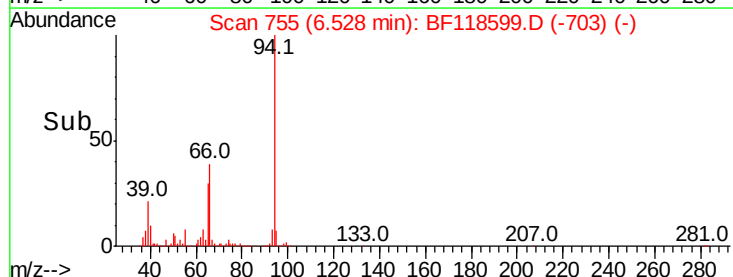
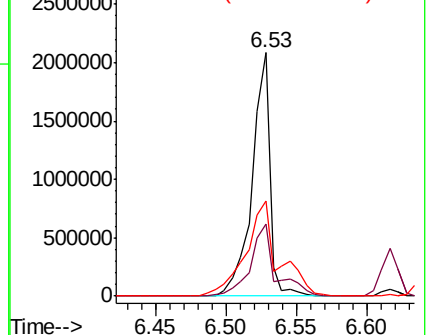
66 39.3 18.5 58.5

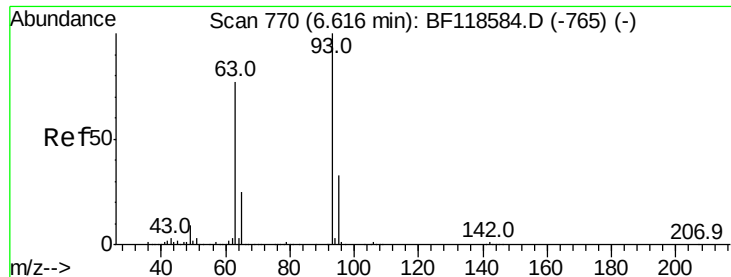


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

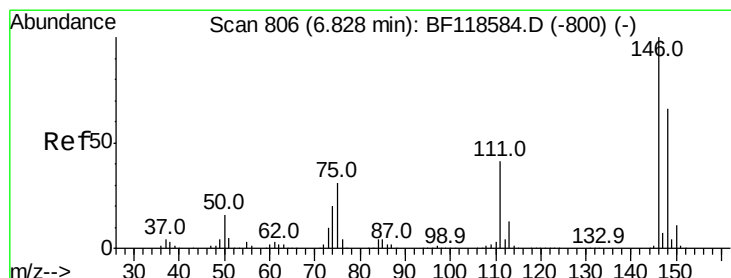
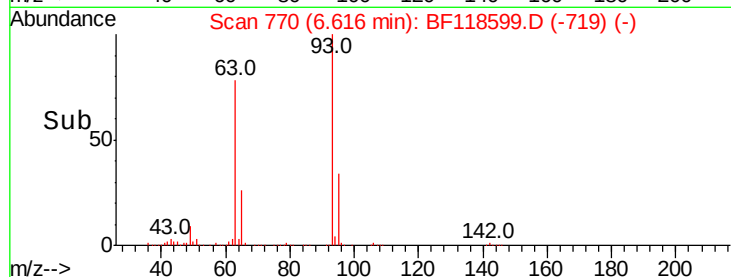
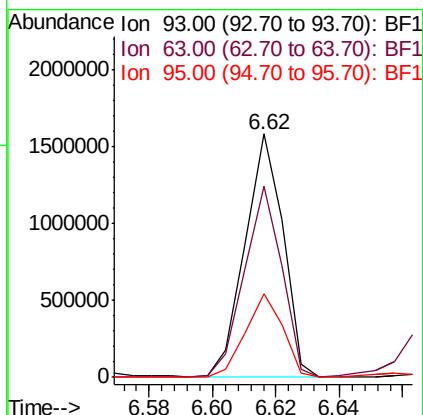
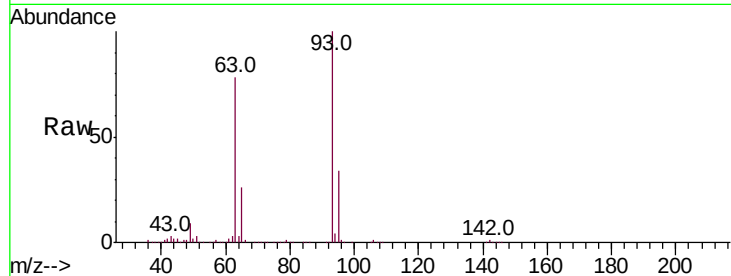




#11
bis(2-Chloroethyl)ether
Concen: 41.966 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF118599.D
Acq: 20 Jan 2020 19:00

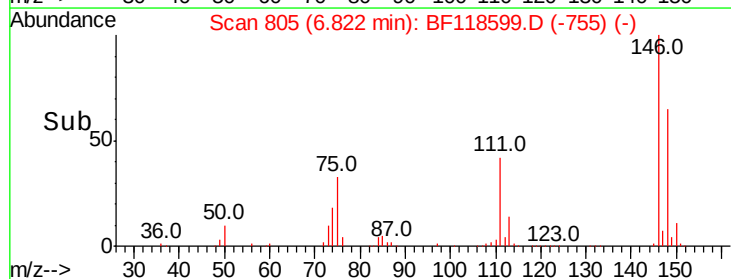
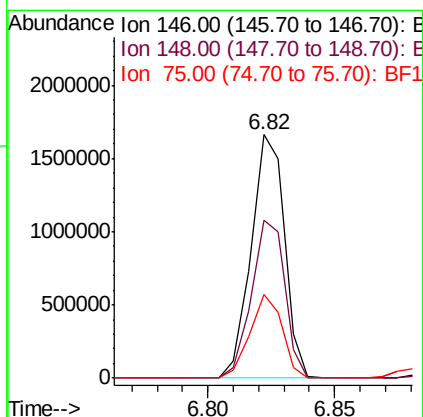
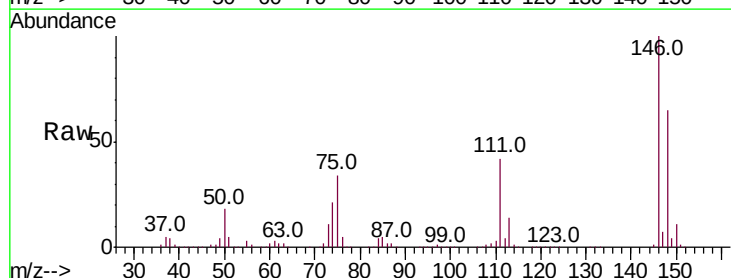
Instrument :
BNA_F
ClientSampleId :

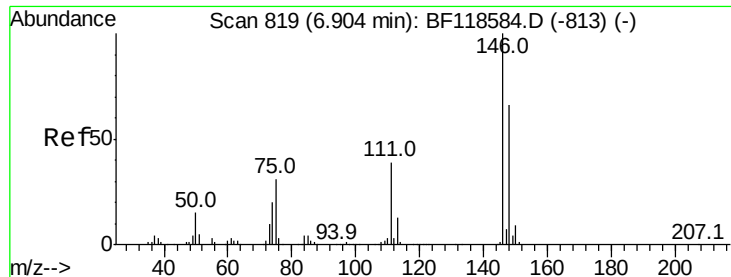
Tot Ion: 93 Resp: 1321316
Ion Ratio Lower Upper
93 100
63 78.4 56.3 96.3
95 34.3 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 40.531 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF118599.D
Acq: 20 Jan 2020 19:00

Tgt Ion: 146 Resp: 1525526
Ion Ratio Lower Upper
146 100
148 64.7 53.0 79.6
75 34.1 25.1 37.7

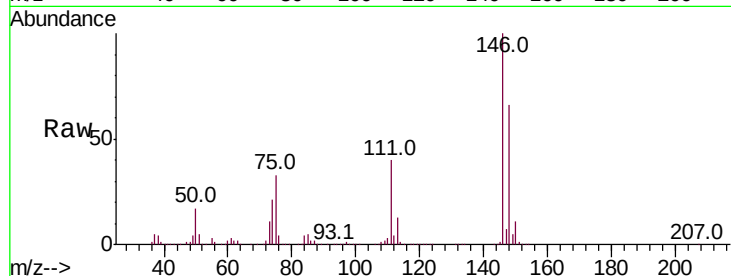




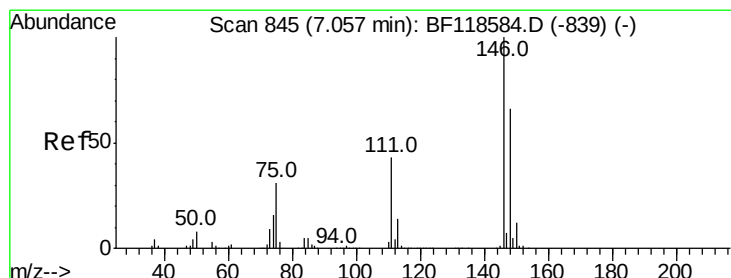
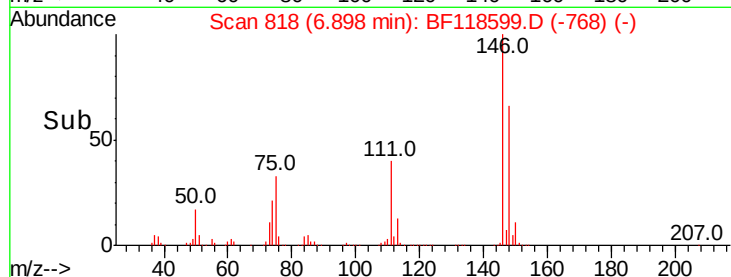
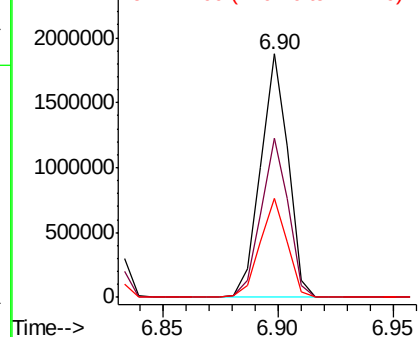
#13
 1,4-Dichlorobenzene
 Concen: 41.244 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF118599.D
 Acq: 20 Jan 2020 19:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 1558303
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.4 78.6
 111 40.5 31.6 47.4

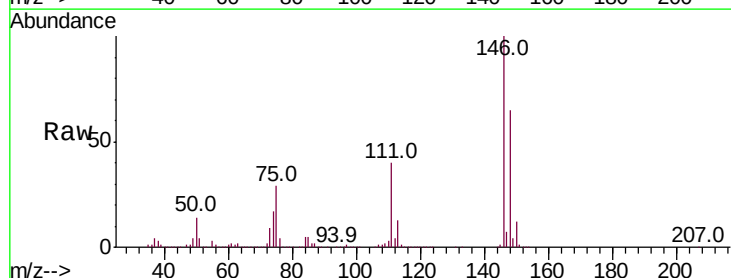


Abundance Ion 146.00 (145.70 to 146.70): E
 2500000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

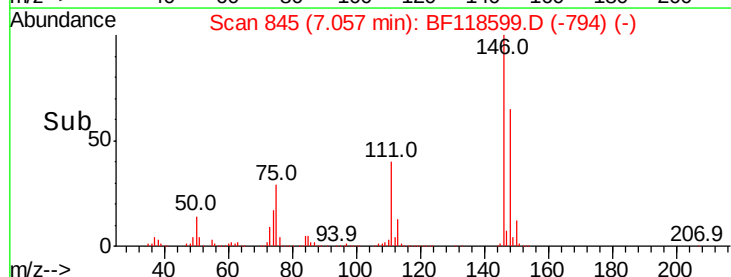
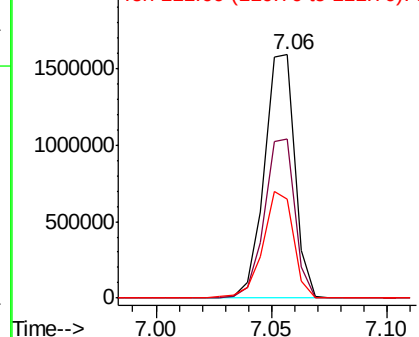


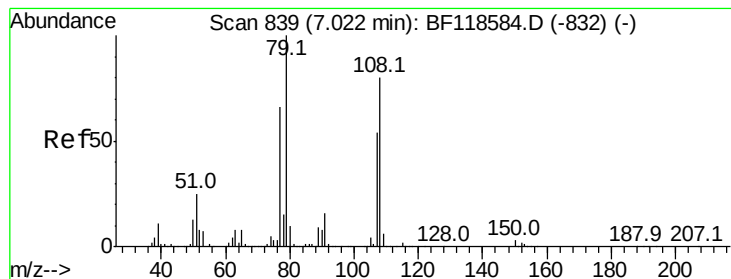
#14
 1,2-Dichlorobenzene
 Concen: 41.555 ng
 RT: 7.06 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF118599.D
 Acq: 20 Jan 2020 19:00

Tgt Ion:146 Resp: 1475942
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.7 79.1
 111 40.4 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E
 2000000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.641 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

Instrument :

BNA_F

ClientSampleId :

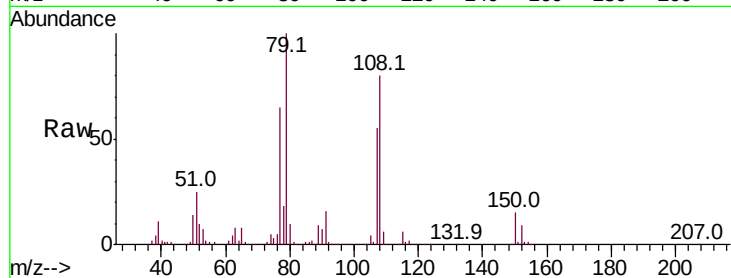
Tot Ion: 79 Resp: 1288727

Ion Ratio Lower Upper

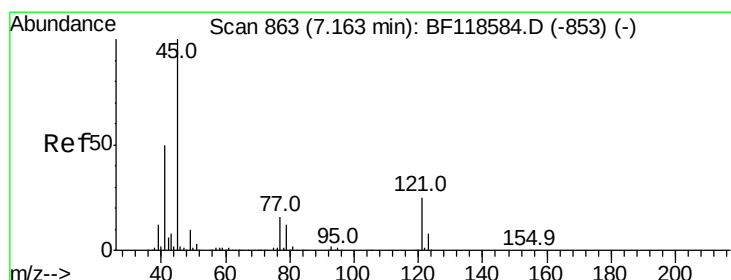
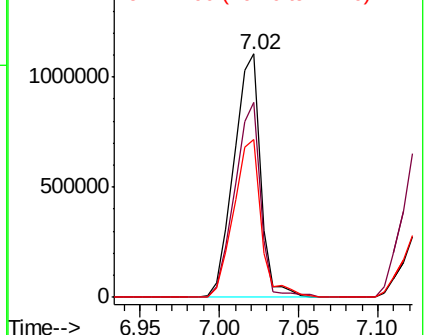
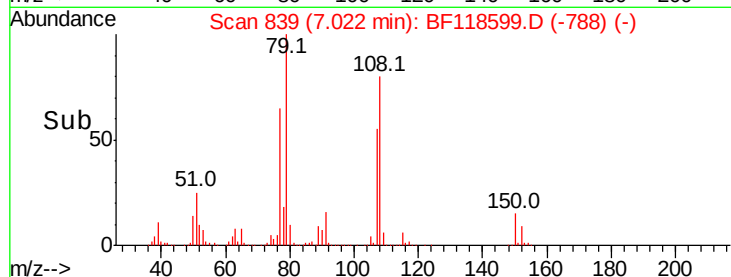
79 100

108 80.0 63.6 95.4

77 64.6 52.5 78.7



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.686 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

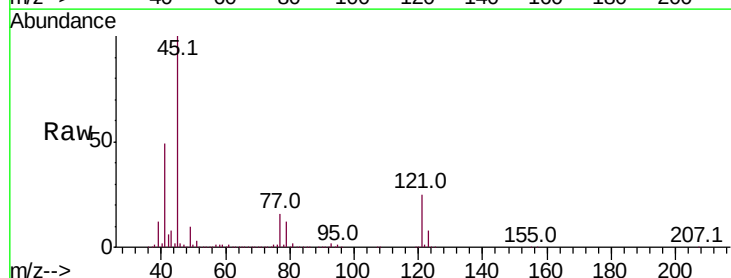
Tgt Ion: 45 Resp: 1784314

Ion Ratio Lower Upper

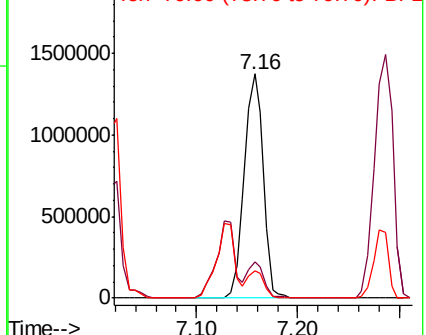
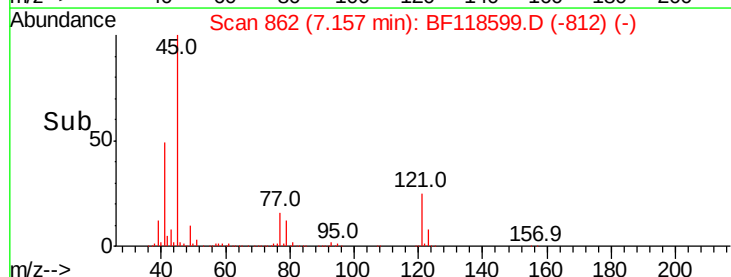
45 100

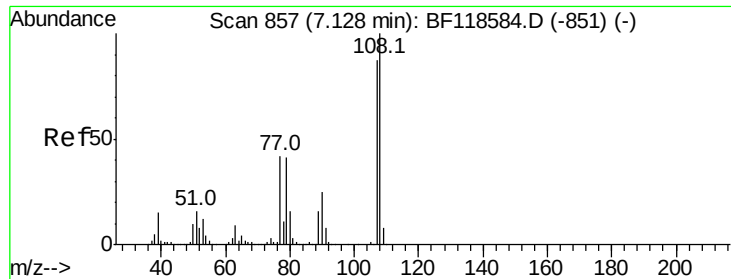
77 16.0 0.0 36.1

79 12.3 0.0 32.4



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 44.138 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 1182293

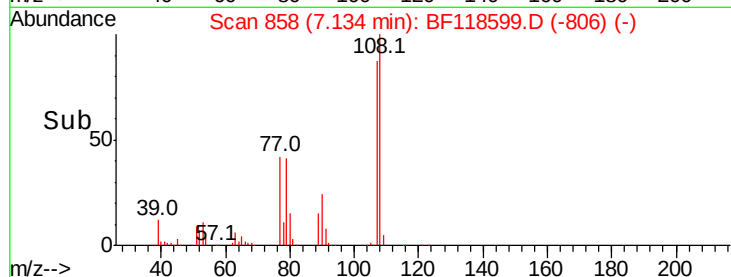
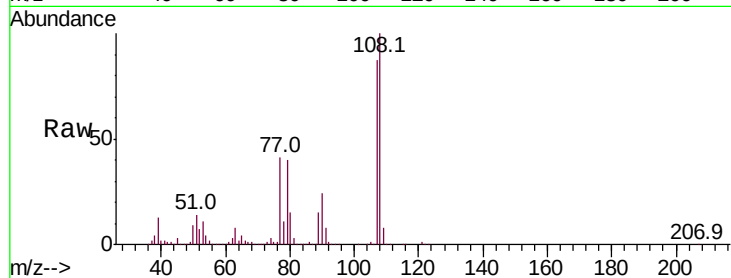
Ion Ratio Lower Upper

107 100

108 114.6 91.5 137.3

77 47.5 38.7 58.1

79 46.2 37.7 56.5

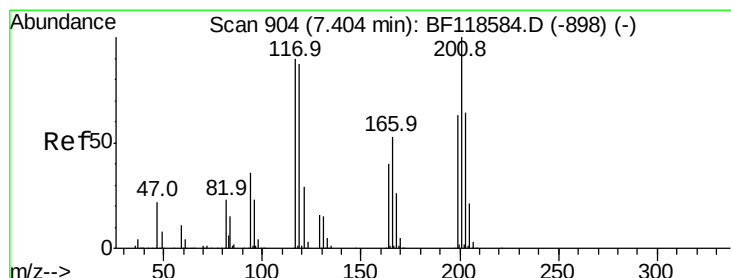
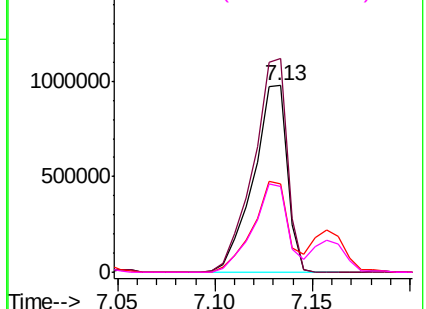


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.167 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

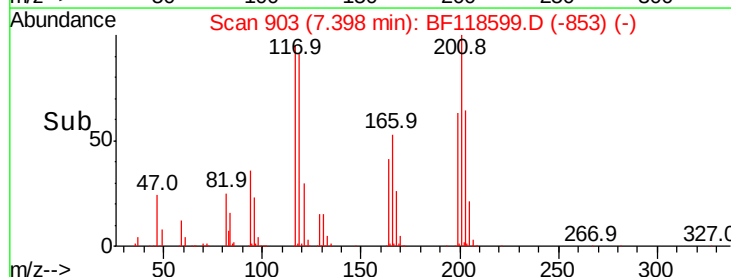
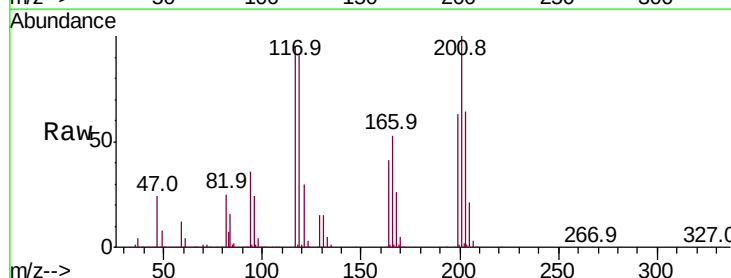
Tgt Ion:117 Resp: 563996

Ion Ratio Lower Upper

117 100

119 95.6 77.6 116.4

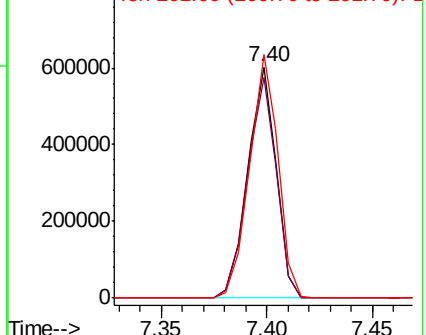
201 105.3 88.8 133.2

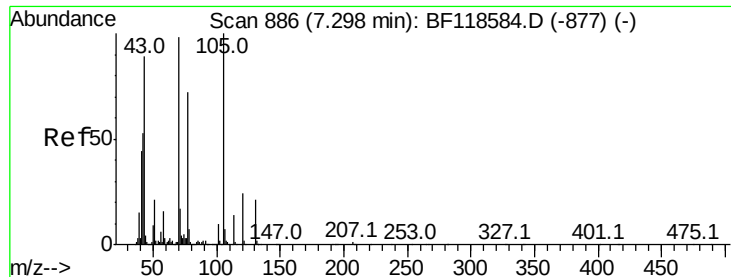


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



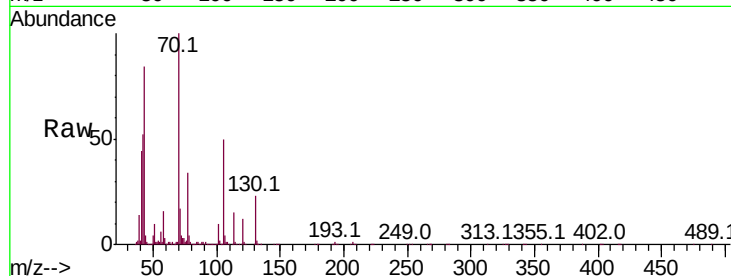


#19
n-Nitroso-di-n-propylamine
Concen: 42.472 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF118599.D
Acq: 20 Jan 2020 19:00

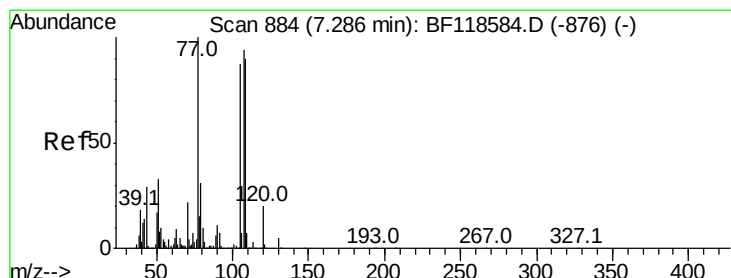
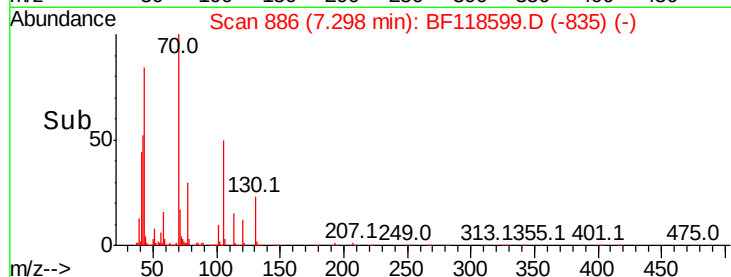
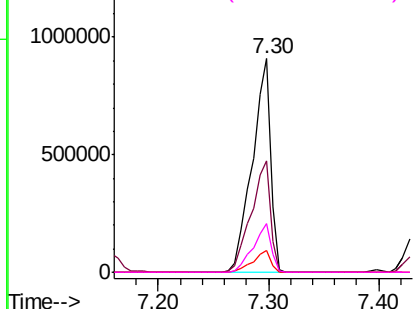
Instrument :
BNA_F
ClientSampleID :

Tot Ion: 70 Resp: 1067910

Ion	Ratio	Lower	Upper
70	100		
42	51.9	43.4	65.0
101	10.1	8.1	12.1
130	22.7	17.6	26.4



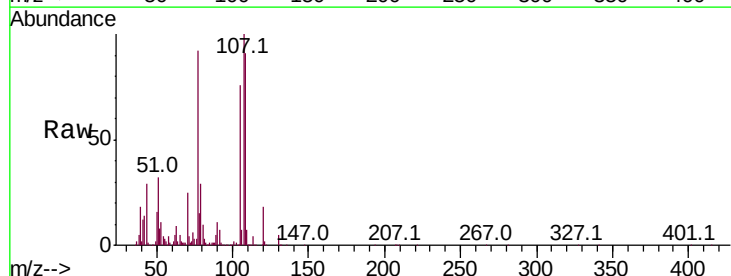
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E



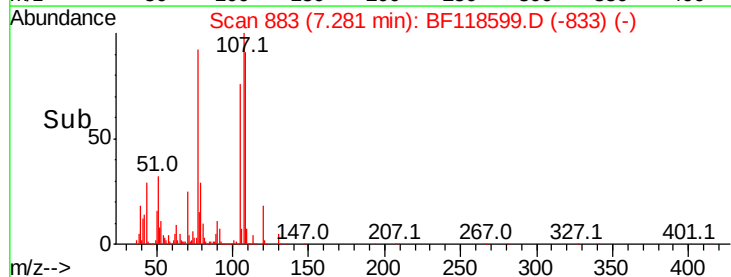
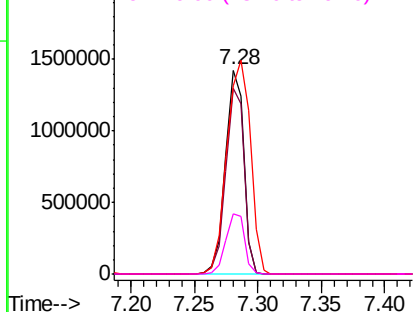
#20
3+4-Methylphenols
Concen: 43.622 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118599.D
Acq: 20 Jan 2020 19:00

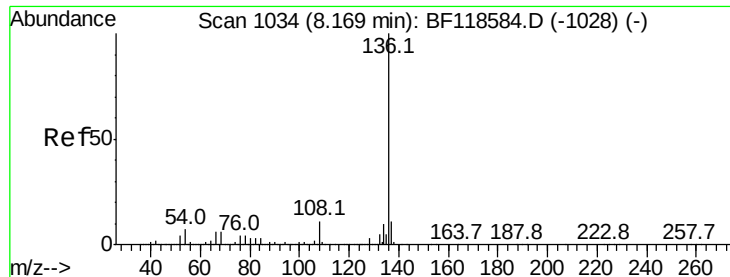
Tgt Ion: 107 Resp: 1426593

Ion	Ratio	Lower	Upper
107	100		
108	91.2	75.8	115.8
77	92.3	86.5	126.5
79	29.4	12.9	52.9



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



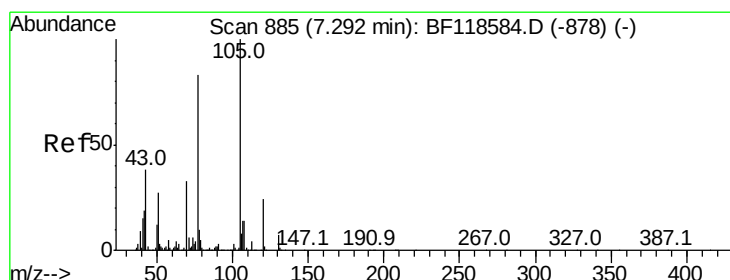
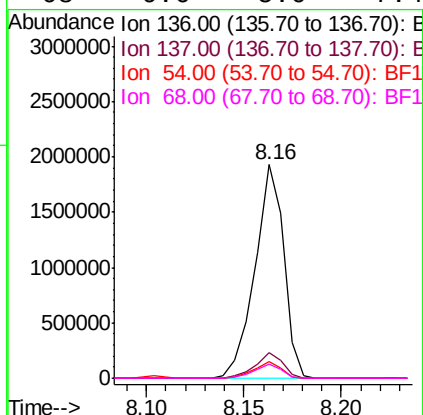
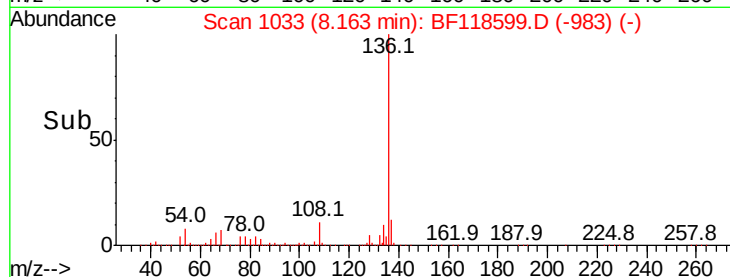
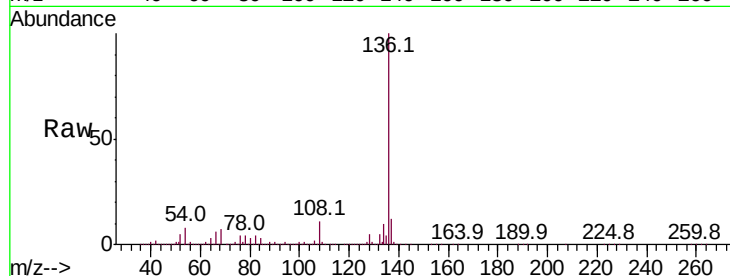


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118599.D
Acq: 20 Jan 2020 19:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:136 Resp: 1976823

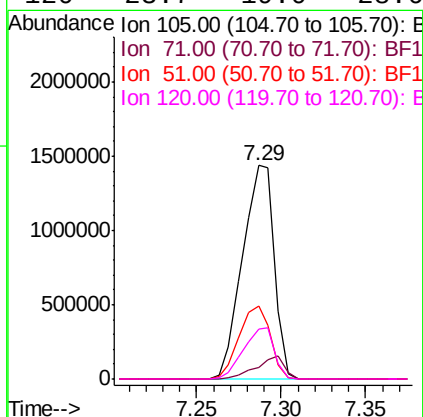
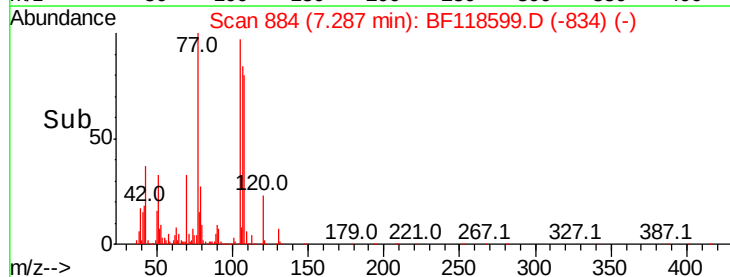
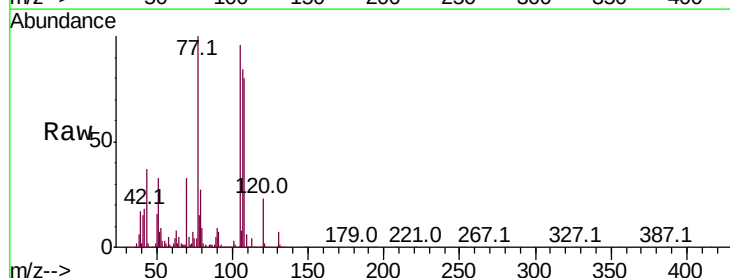
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.1	13.7
54	7.8	5.8	8.6
68	6.6	5.0	7.4

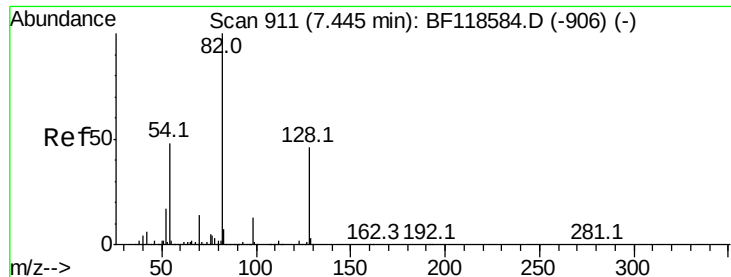


#22
Acetophenone
Concen: 40.169 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118599.D
Acq: 20 Jan 2020 19:00

Tgt Ion:105 Resp: 1881074

Ion	Ratio	Lower	Upper
105	100		
71	5.7	4.5	6.7
51	34.1	21.5	32.3#
120	23.7	19.0	28.6





#23

Nitrobenzene-d5

Concen: 81.026 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

Instrument :

BNA_F

ClientSampled :

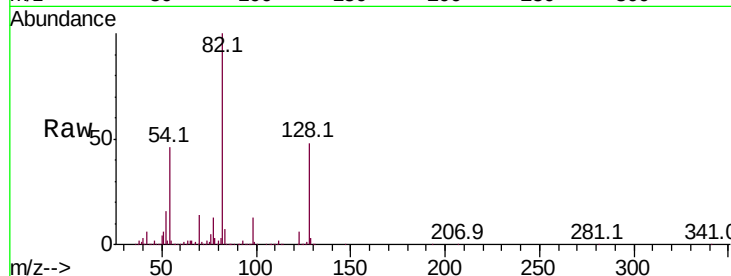
Tot Ion: 82 Resp: 2863633

Ion Ratio Lower Upper

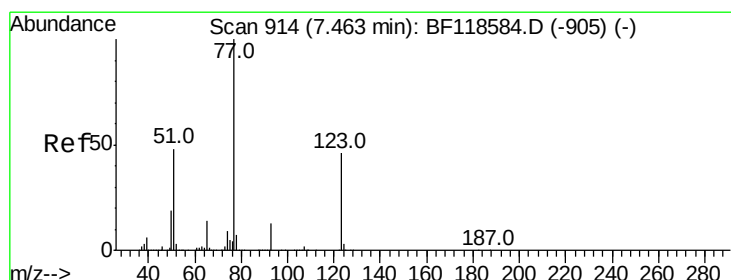
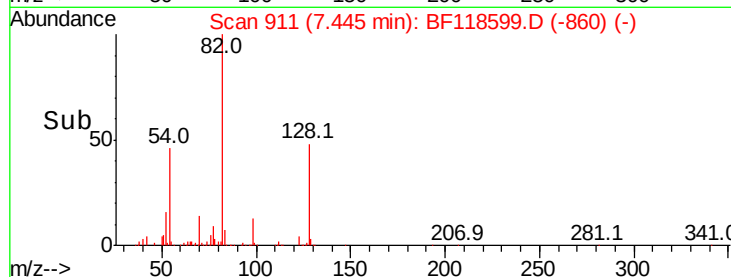
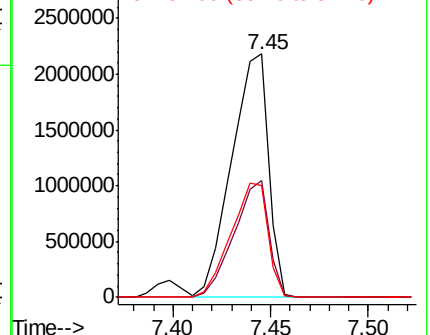
82 100

128 48.2 36.6 54.8

54 46.1 38.0 57.0



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: 42.210 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

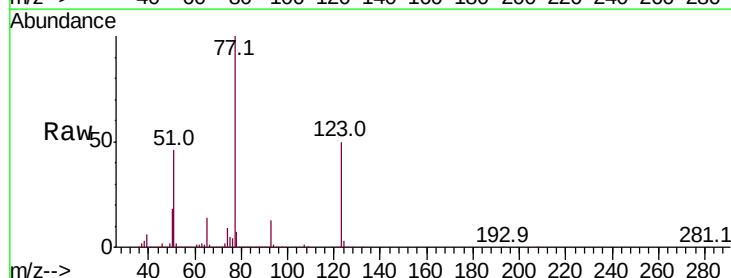
Tgt Ion: 77 Resp: 1527482

Ion Ratio Lower Upper

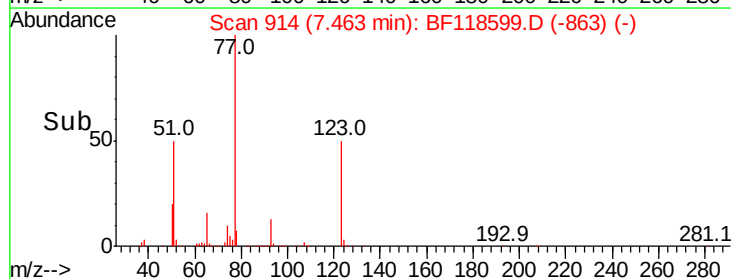
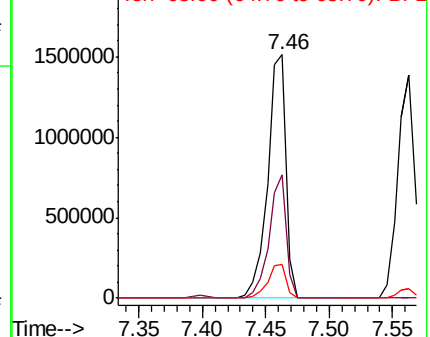
77 100

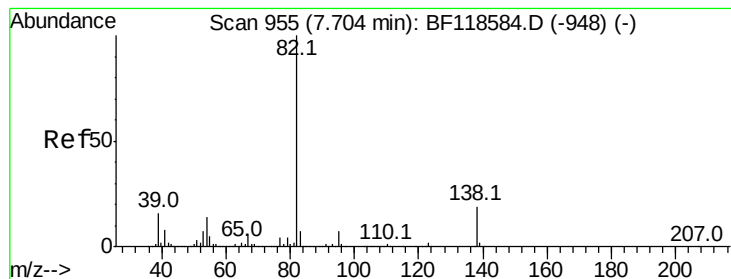
123 50.4 37.0 55.4

65 13.7 11.1 16.7



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: 42.753 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

Instrument :

BNA_F

ClientSampleId :

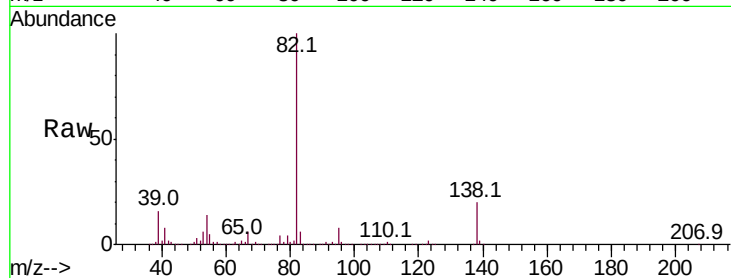
Tot Ion: 82 Resp: 2755981

Ion Ratio Lower Upper

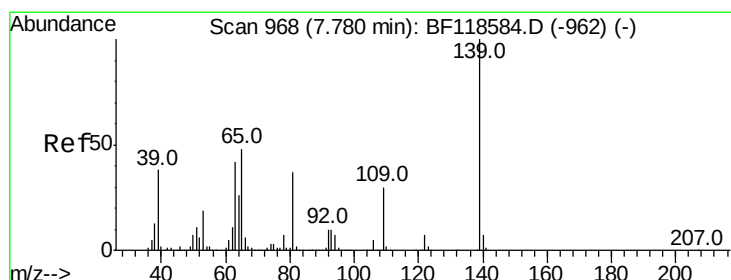
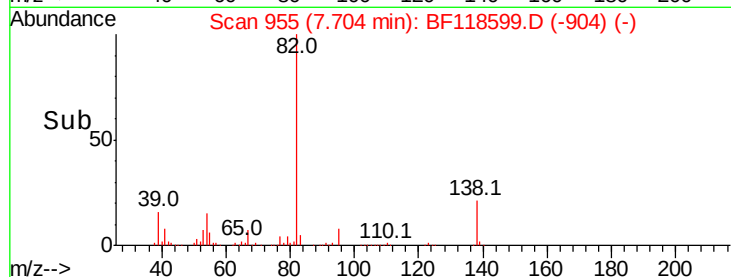
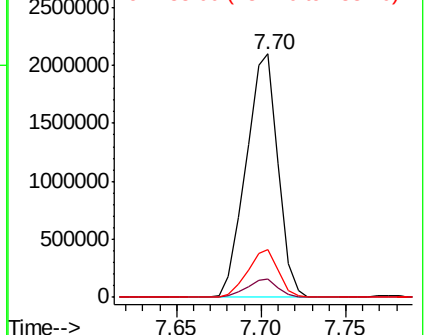
82 100

95 7.5 5.9 8.9

138 19.7 15.3 22.9



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.994 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

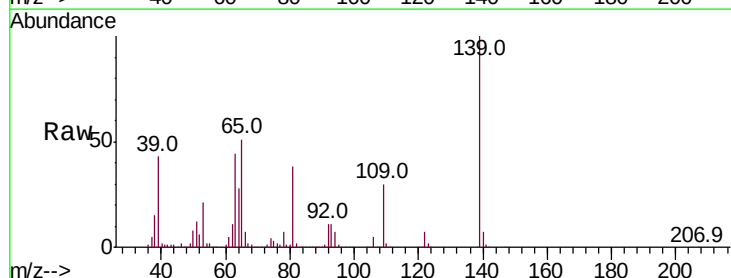
Tgt Ion: 139 Resp: 740649

Ion Ratio Lower Upper

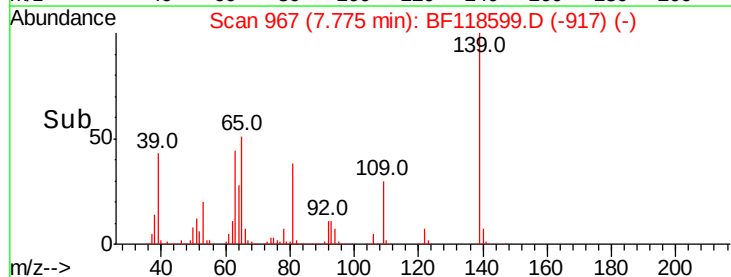
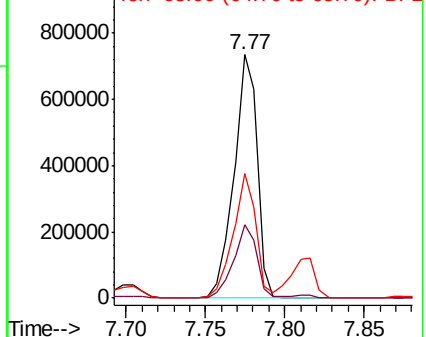
139 100

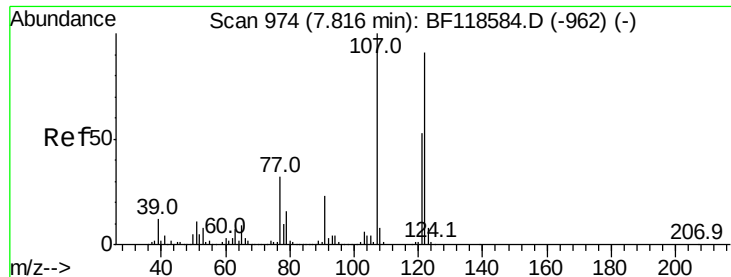
109 30.2 23.8 35.8

65 51.3 38.5 57.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 50.753 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

Instrument :

BNA_F

ClientSampleId :

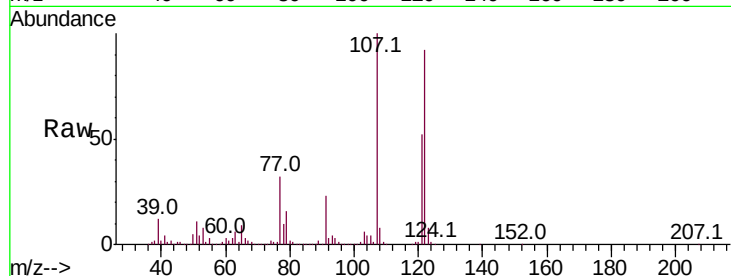
Tot Ion:122 Resp: 1352472

Ion Ratio Lower Upper

122 100

107 109.3 88.0 132.0

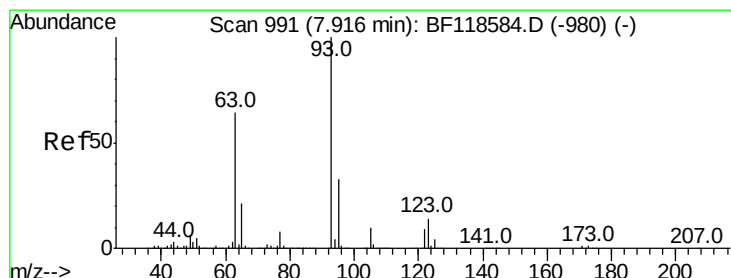
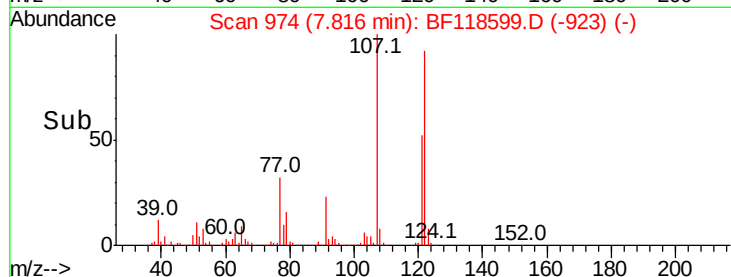
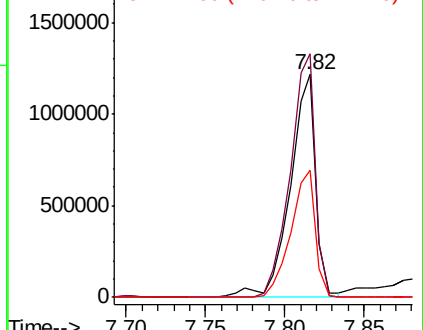
121 57.3 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.173 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

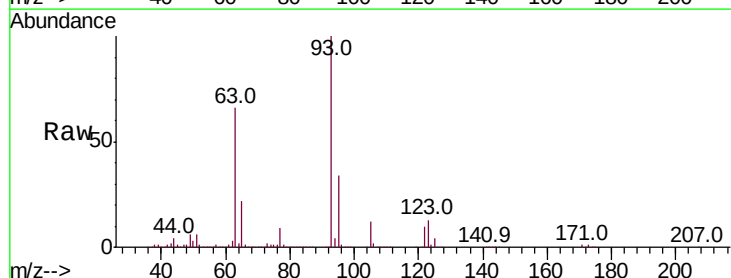
Tgt Ion: 93 Resp: 1710156

Ion Ratio Lower Upper

93 100

95 33.9 26.7 40.1

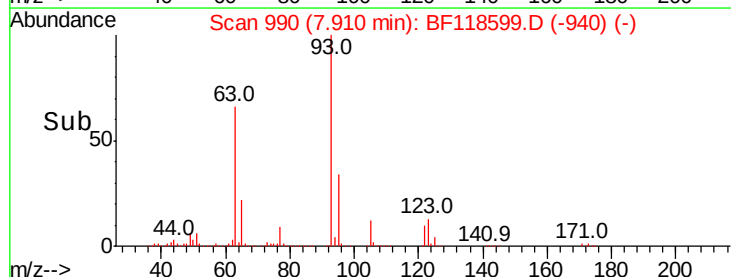
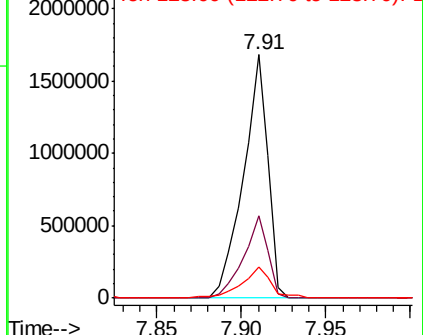
123 12.7 11.0 16.6

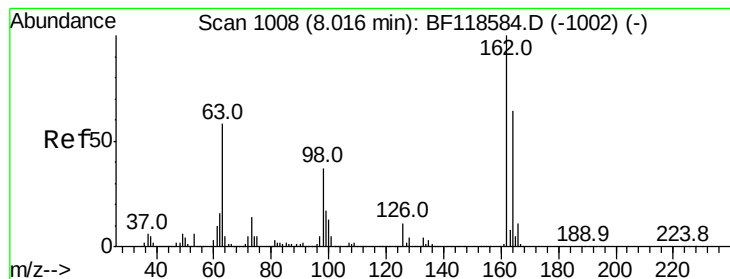


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.170 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

Instrument :

BNA_F

ClientSampleId :

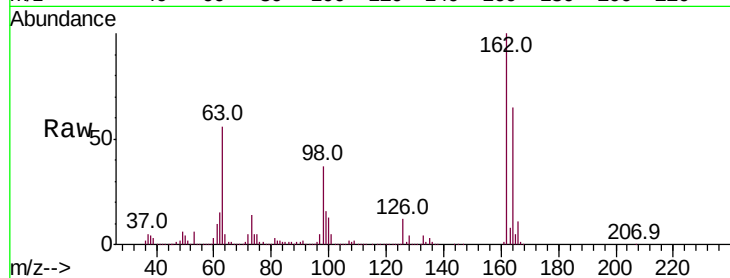
Tot Ion:162 Resp: 1271728

Ion Ratio Lower Upper

162 100

164 64.8 44.3 84.3

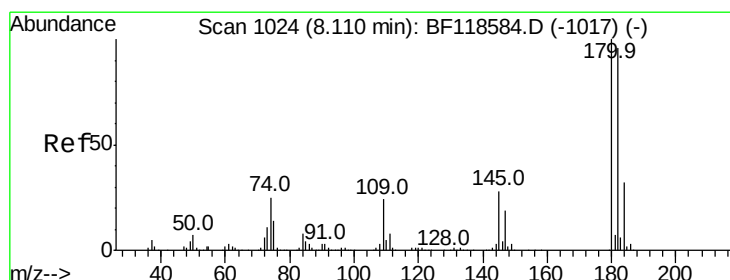
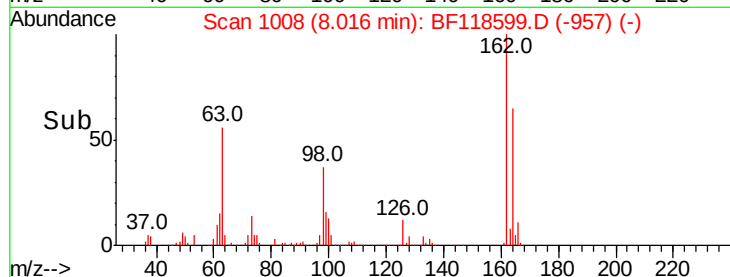
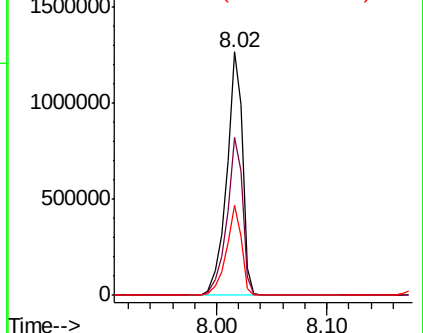
98 36.9 17.5 57.5



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: 40.542 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

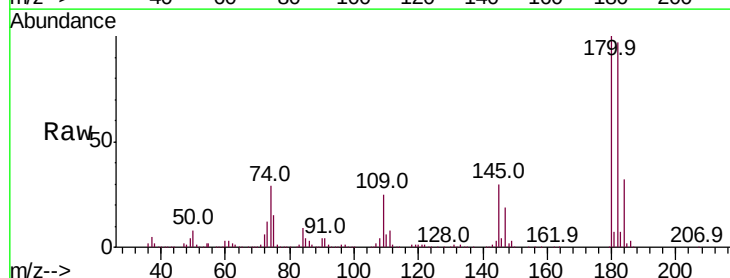
Tgt Ion:180 Resp: 1384757

Ion Ratio Lower Upper

180 100

182 96.6 76.9 115.3

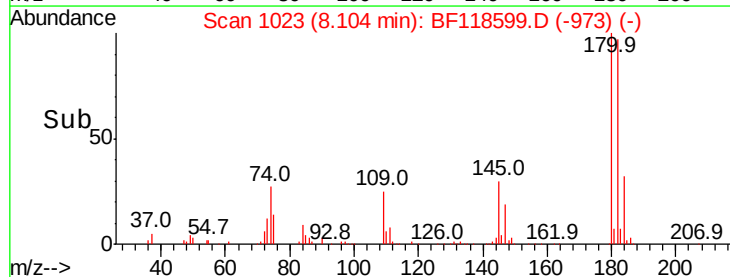
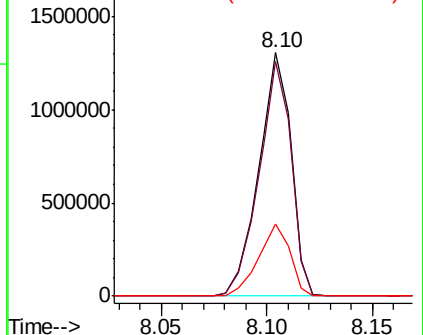
145 29.5 22.8 34.2

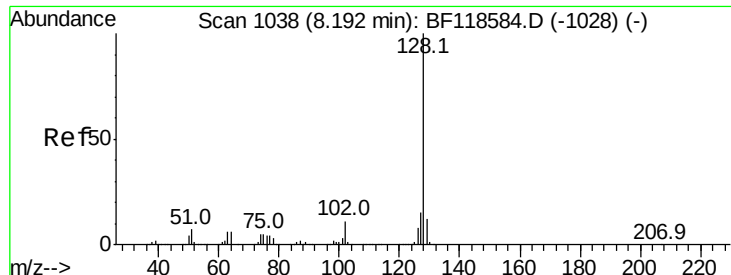


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

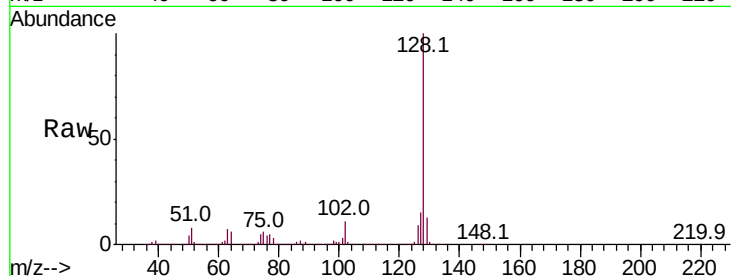




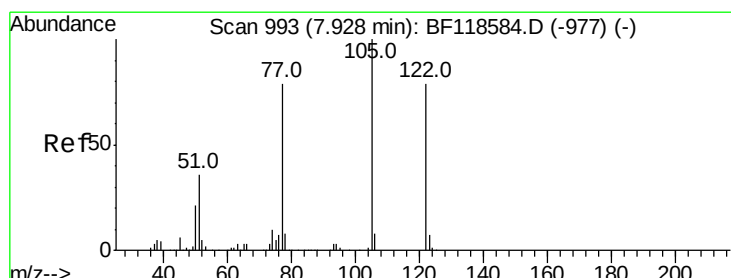
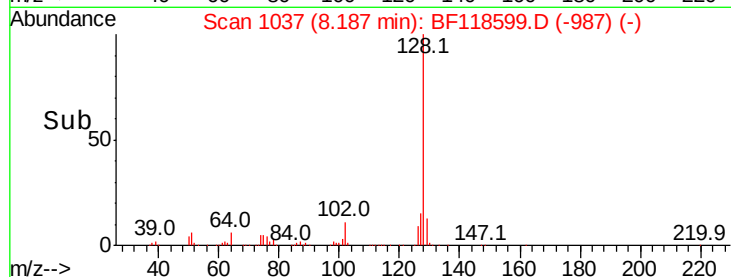
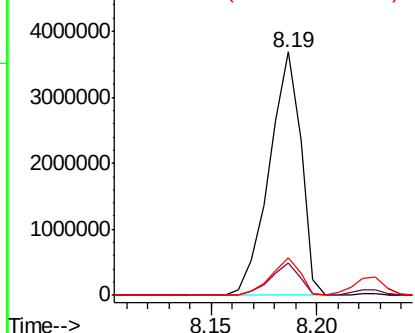
#31
Naphthalene
Concen: 43.122 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF118599.D
Acq: 20 Jan 2020 19:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 3850808
Ion Ratio Lower Upper
128 100
129 13.2 9.9 14.9
127 15.5 12.0 18.0

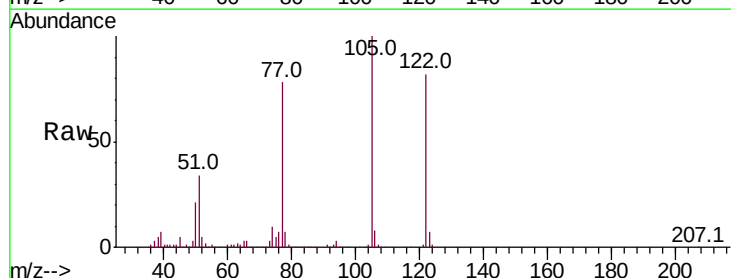


Abundance Ion 128.00 (127.70 to 128.70): E
5000000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

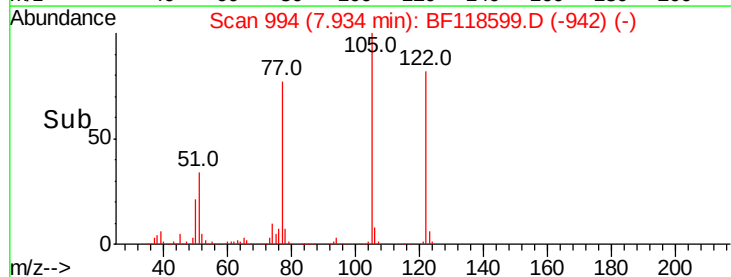
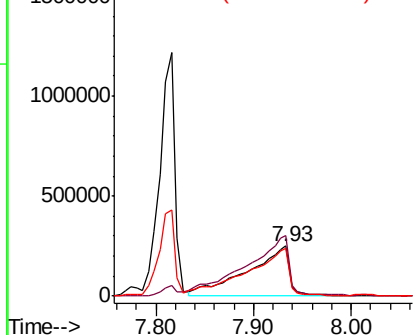


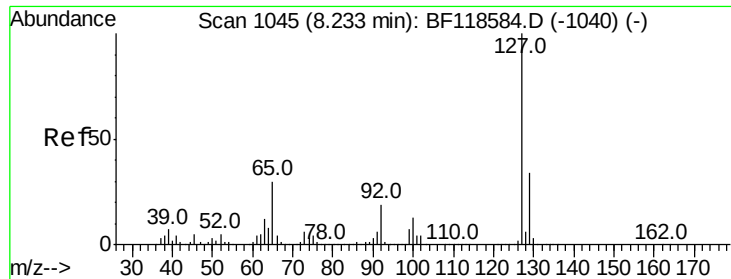
#32
Benzoic acid
Concen: 37.049 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BF118599.D
Acq: 20 Jan 2020 19:00

Tgt Ion:122 Resp: 740952
Ion Ratio Lower Upper
122 100
105 122.1 104.3 144.3
77 95.3 79.4 119.4



Abundance Ion 122.00 (121.70 to 122.70): E
1500000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

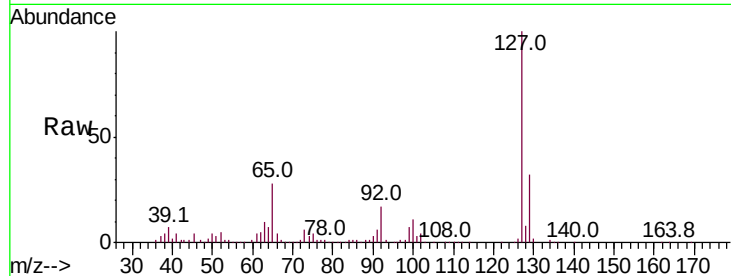




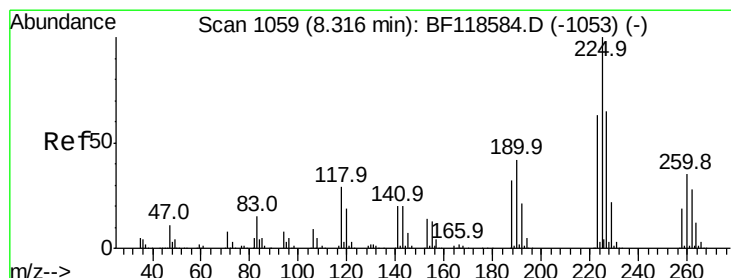
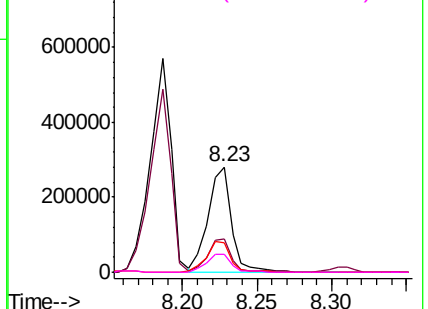
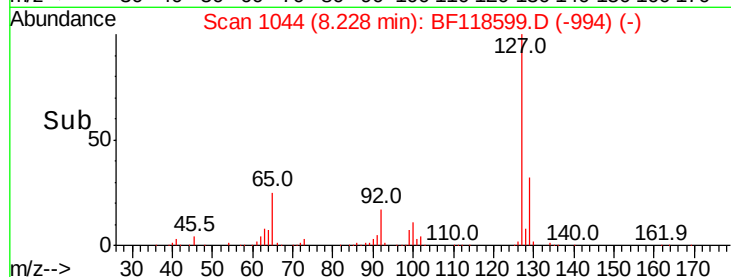
#33
4-Chloroaniline
Concen: 7.351 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF118599.D
Acq: 20 Jan 2020 19:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	303423
Ion	Ratio	Lower	Upper
127	100		
129	31.8	27.4	41.0
65	28.1	23.6	35.4
92	17.0	15.0	22.4

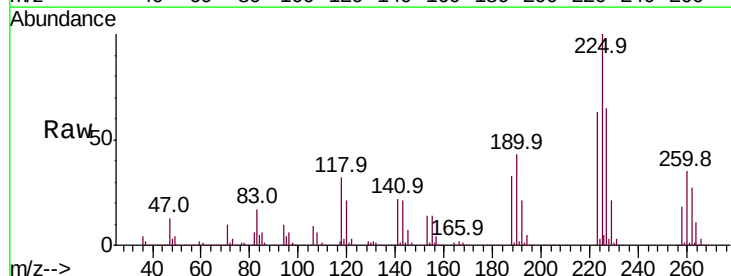


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

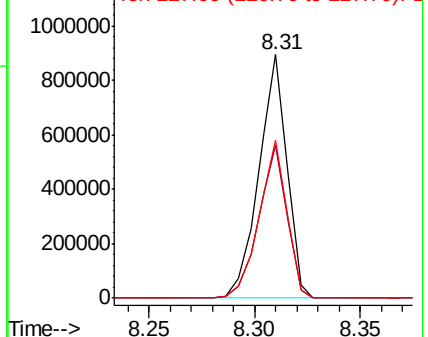
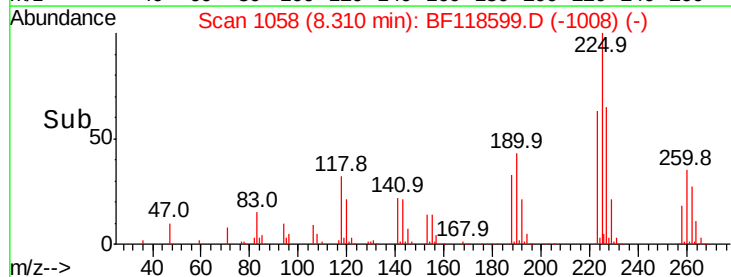


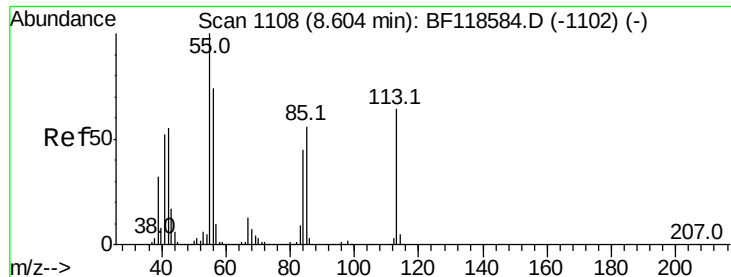
#34
Hexachlorobutadiene
Concen: 39.570 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF118599.D
Acq: 20 Jan 2020 19:00

Tgt Ion:	225	Resp:	823089
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.2	75.4
227	64.9	52.1	78.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

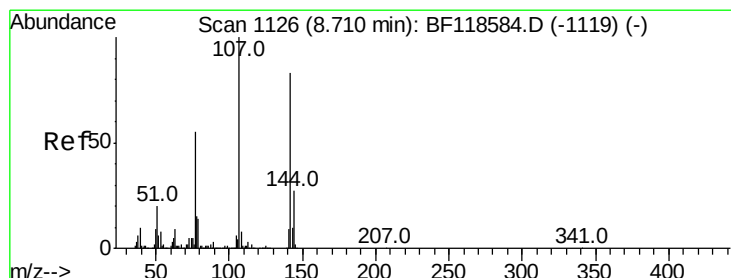
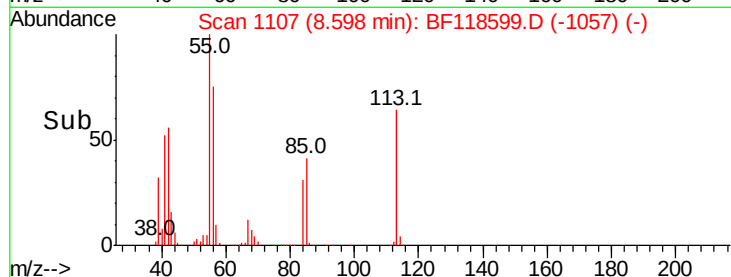
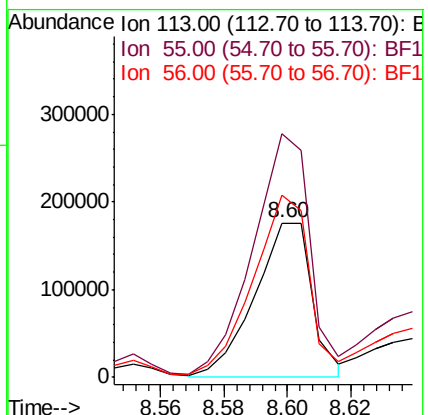
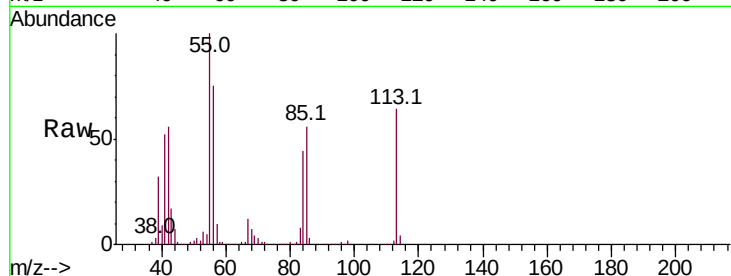




#35
 Caprolactam
 Concen: 23.017 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF118599.D
 Acq: 20 Jan 2020 19:00

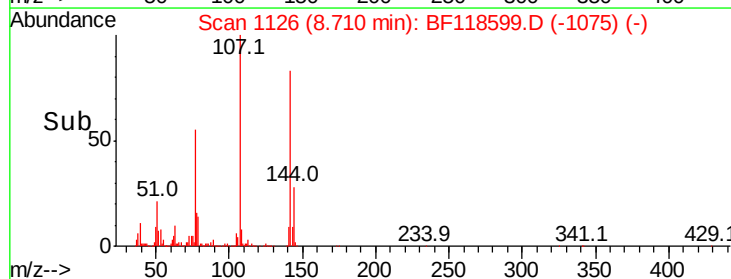
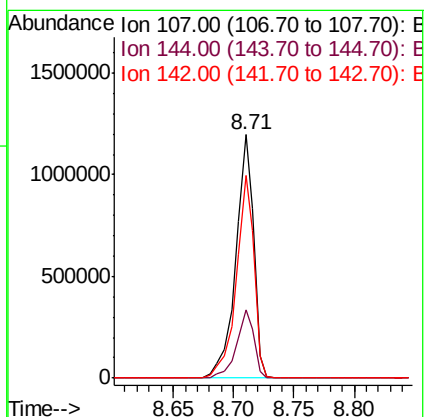
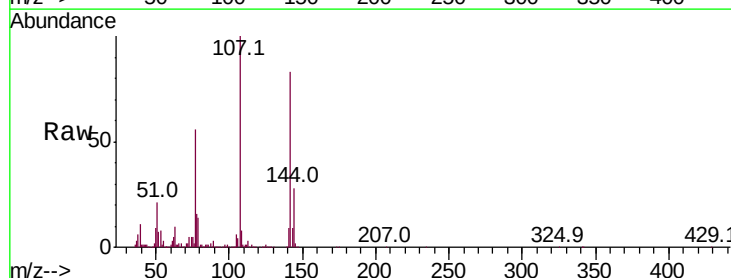
Instrument :
 BNA_F
 ClientSampleId :

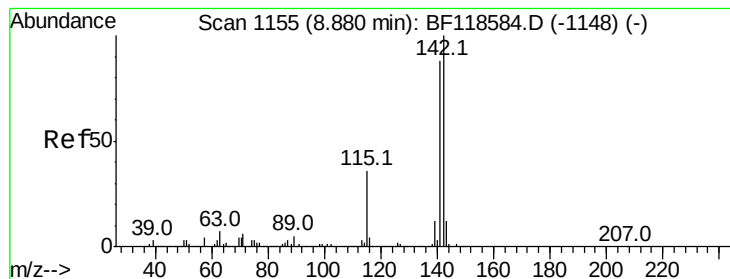
Tot Ion:113 Resp: 221887
 Ion Ratio Lower Upper
 113 100
 55 157.4 136.1 176.1
 56 117.5 95.2 135.2



#36
 4-Chloro-3-methylphenol
 Concen: 42.442 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: BF118599.D
 Acq: 20 Jan 2020 19:00

Tgt Ion:107 Resp: 1234646
 Ion Ratio Lower Upper
 107 100
 144 27.8 21.8 32.8
 142 83.4 66.5 99.7





#37

2-Methylnaphthalene

Concen: 43.789 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

Instrument :

BNA_F

ClientSampleId :

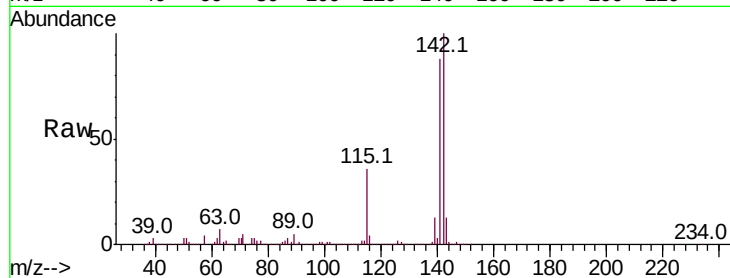
Tot Ion:142 Resp: 2760130

Ion Ratio Lower Upper

142 100

141 88.1 70.7 106.1

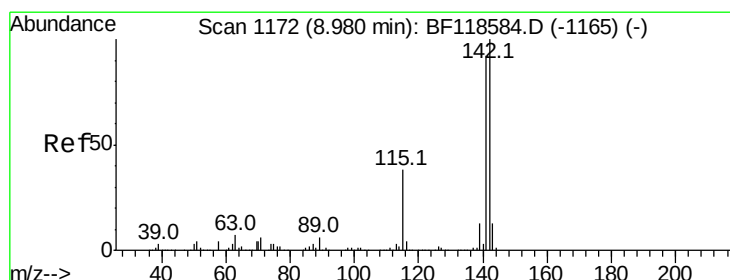
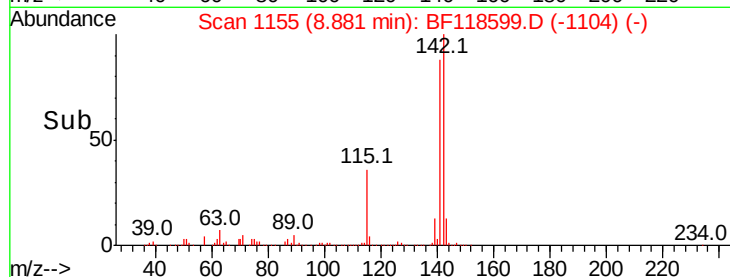
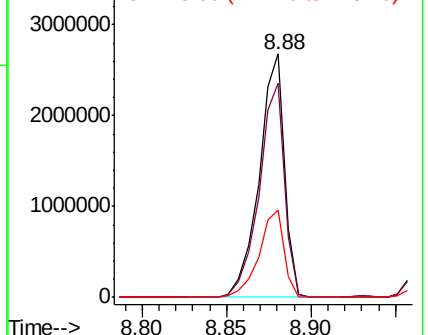
115 35.8 28.5 42.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.274 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

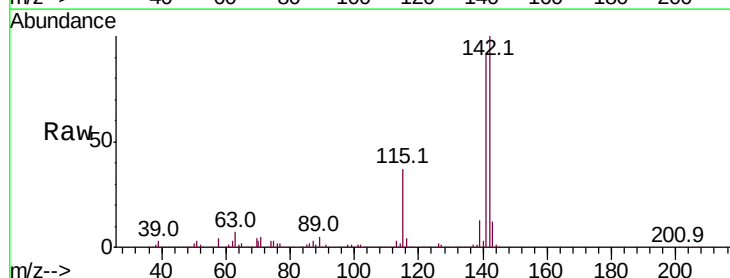
Tgt Ion:142 Resp: 2591411

Ion Ratio Lower Upper

142 100

141 91.9 73.4 110.2

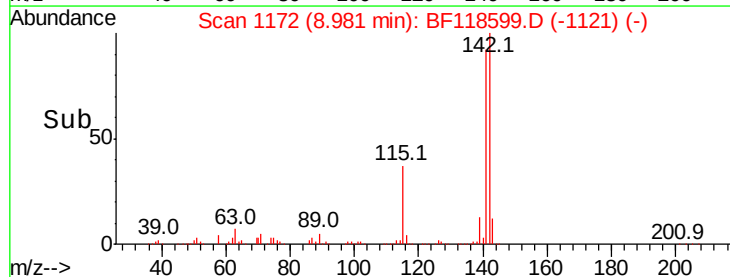
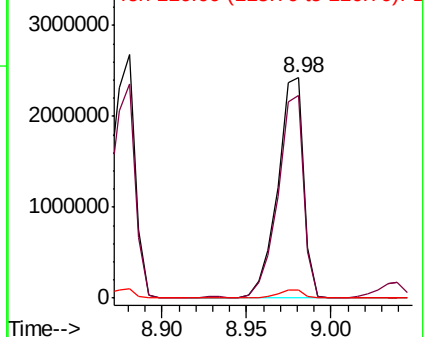
116 3.8 3.3 4.9

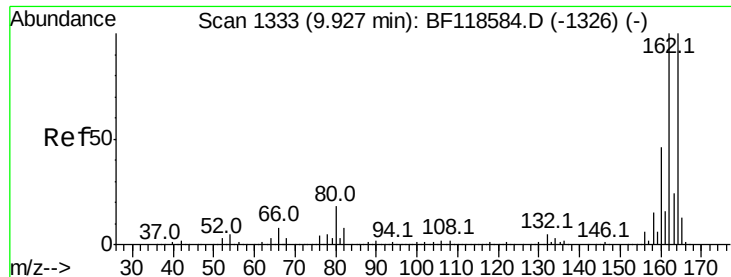


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

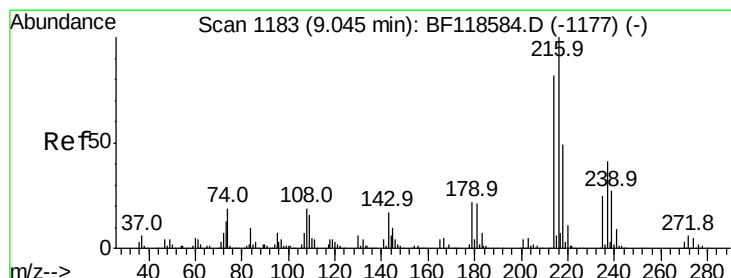
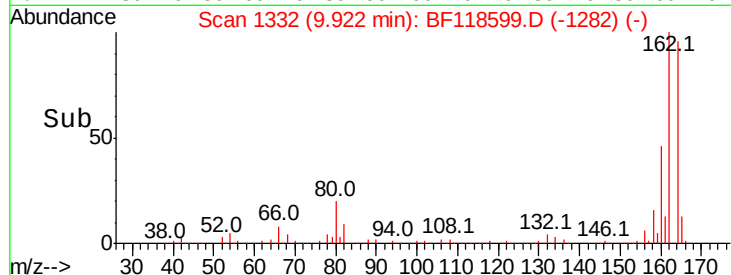
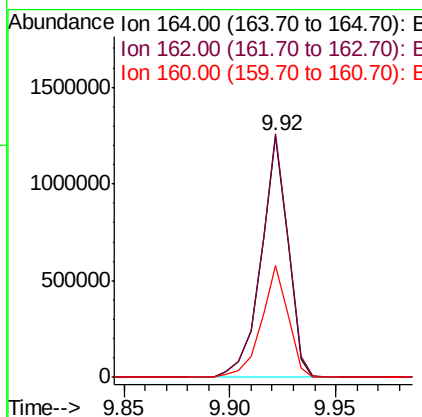
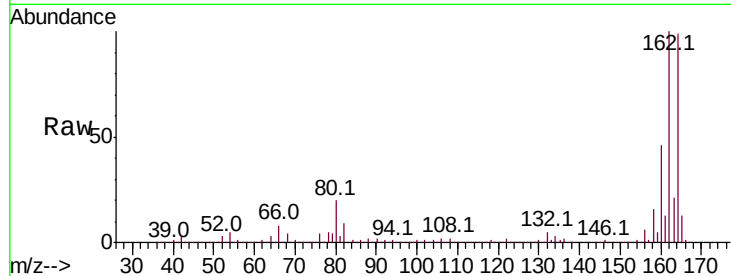




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF118599.D
Acq: 20 Jan 2020 19:00

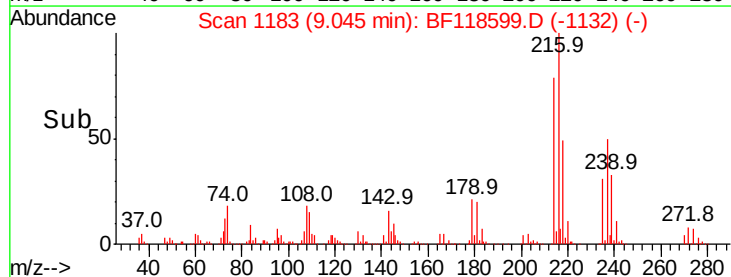
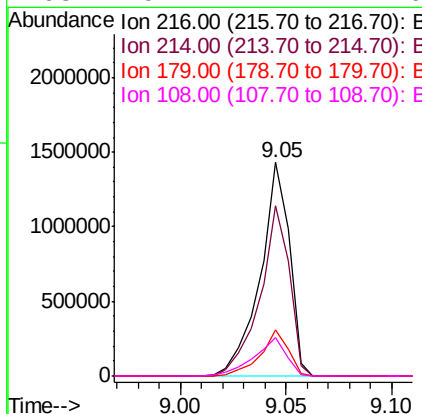
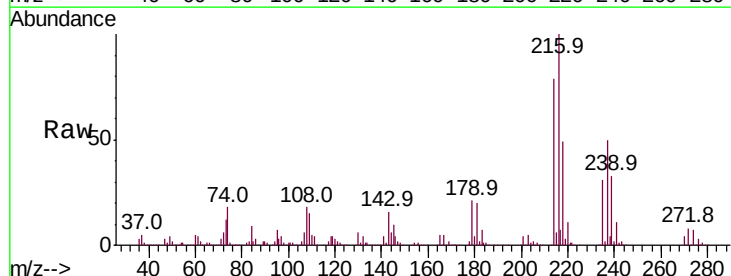
Instrument :
BNA_F
ClientSampleId :

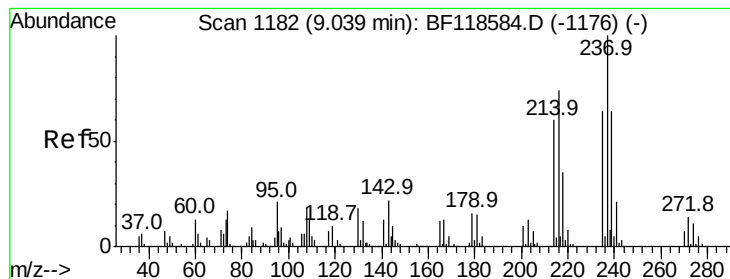
Tot Ion:164 Resp: 1107492
Ion Ratio Lower Upper
164 100
162 100.7 80.4 120.6
160 46.4 36.6 55.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.895 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF118599.D
Acq: 20 Jan 2020 19:00

Tgt Ion:216 Resp: 1382473
Ion Ratio Lower Upper
216 100
214 79.2 64.2 96.2
179 20.4 16.6 25.0
108 19.7 14.4 21.6





#41

Hexachlorocyclopentadiene

Concen: 91.753 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

Instrument :

BNA_F

ClientSampleId :

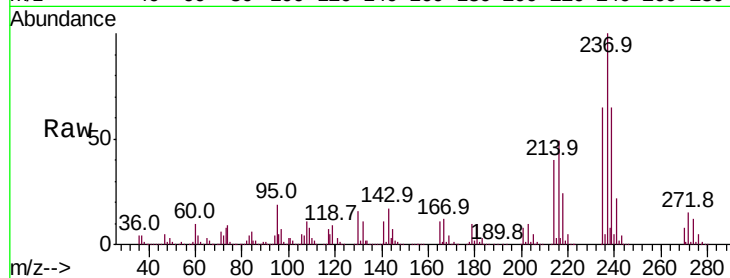
Tot Ion:237 Resp: 1604163

Ion Ratio Lower Upper

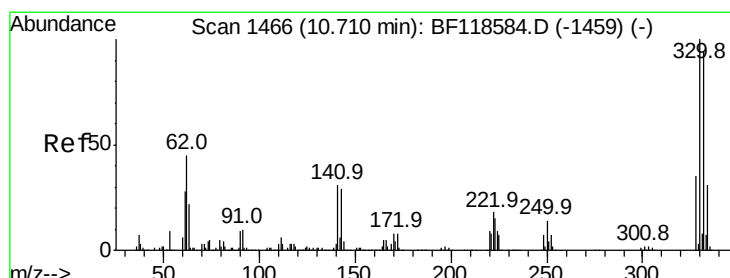
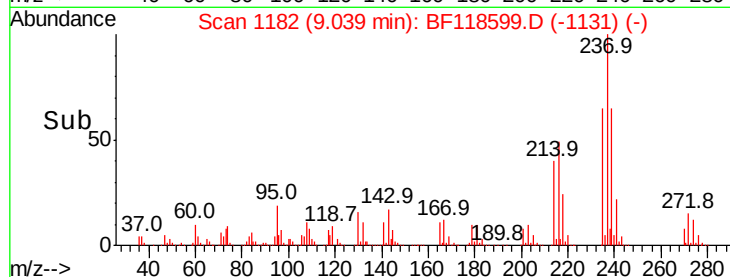
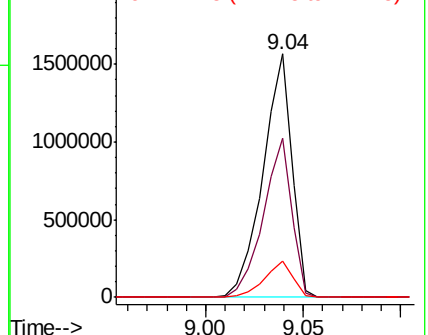
237 100

235 65.3 44.0 84.0

272 14.8 0.0 34.0



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



#42

2,4,6-Tribromophenol

Concen: 115.793 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

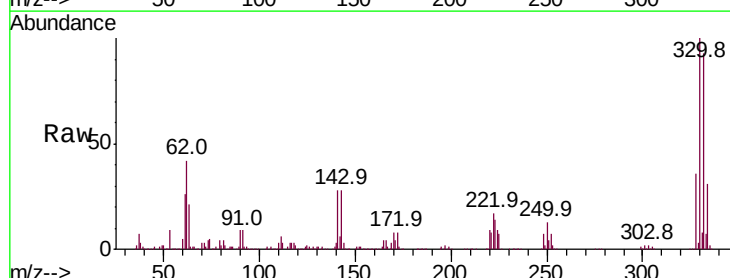
Tgt Ion:330 Resp: 1483252

Ion Ratio Lower Upper

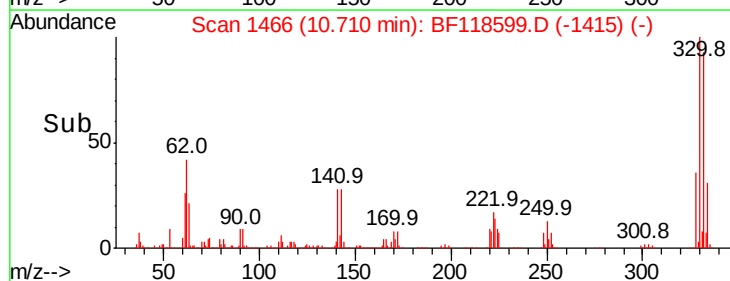
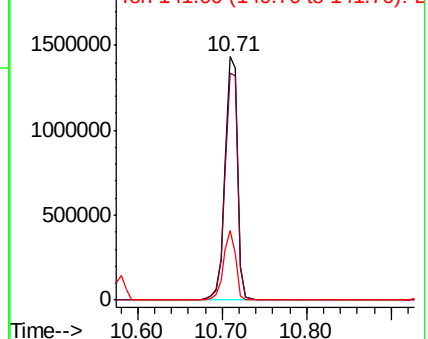
330 100

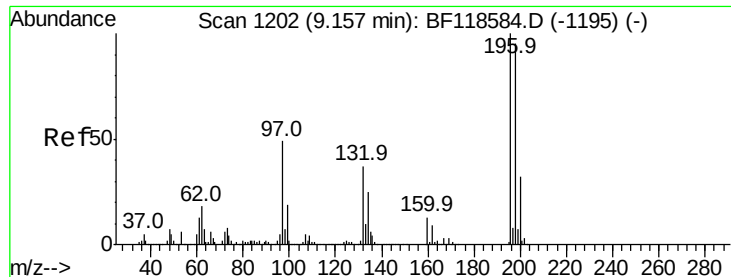
332 94.8 76.2 114.4

141 28.1 23.9 35.9



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





#43

2,4,6-Trichlorophenol

Concen: 42.498 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

Instrument :

BNA_F

ClientSampleId :

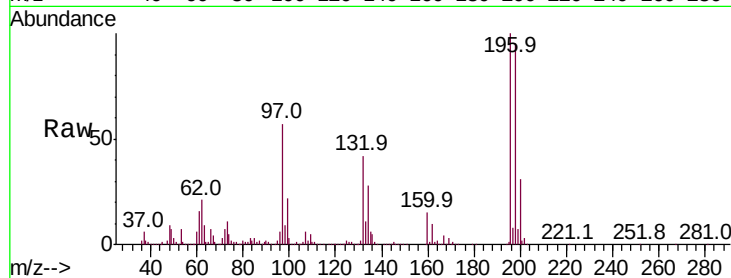
Tot Ion:196 Resp: 977234

Ion Ratio Lower Upper

196 100

198 94.6 76.3 114.5

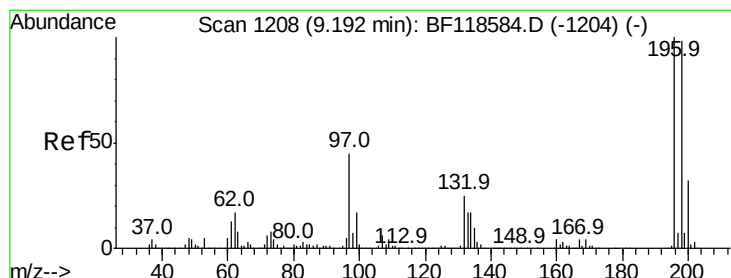
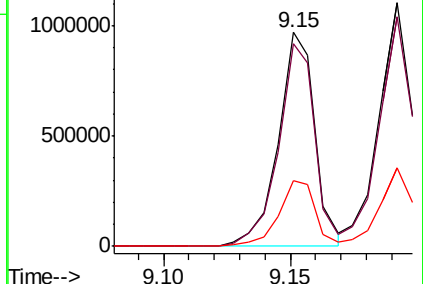
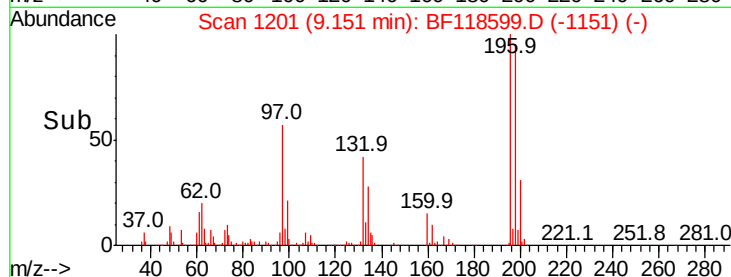
200 30.9 25.4 38.2



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: 42.534 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.00 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

Tgt Ion:196 Resp: 998896

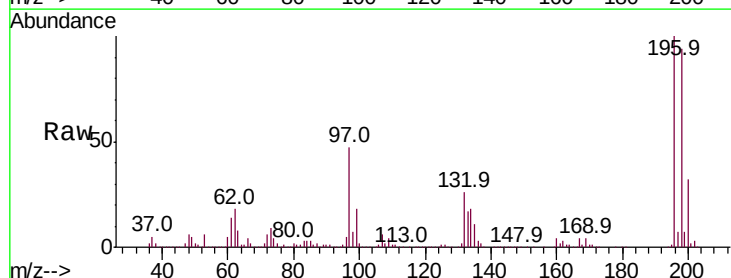
Ion Ratio Lower Upper

196 100

198 94.2 78.3 117.5

97 47.4 35.9 53.9

132 26.5 20.3 30.5

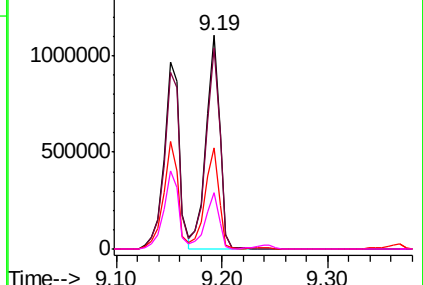
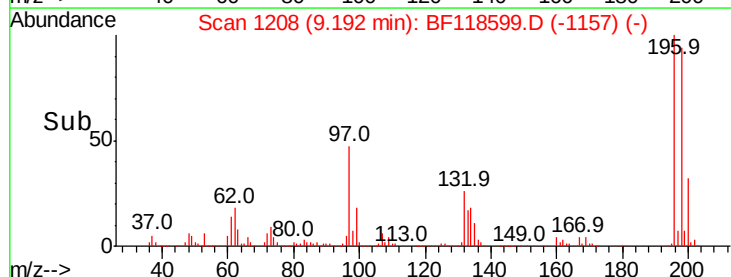


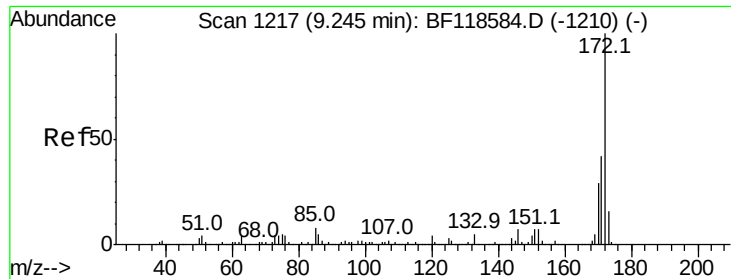
Abundance Ion 196.00 (195.70 to 196.70): E

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

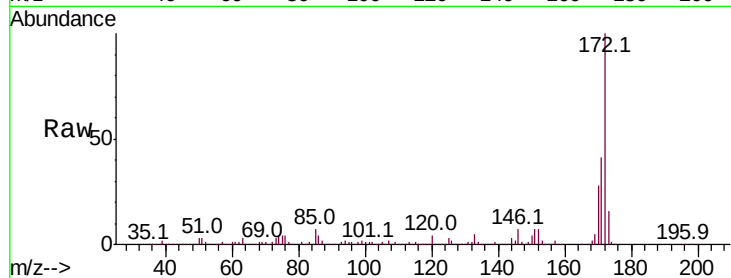




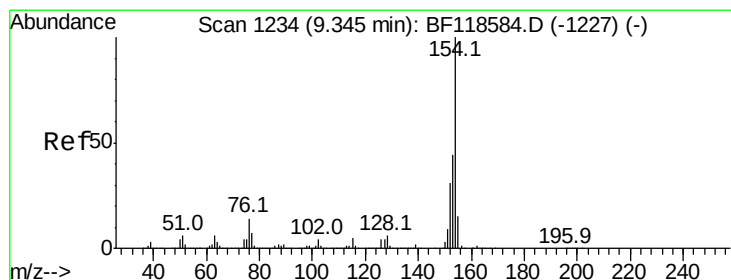
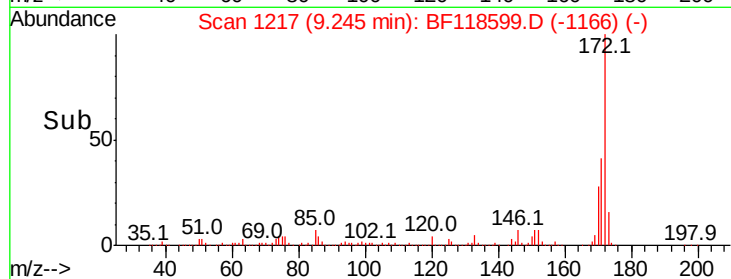
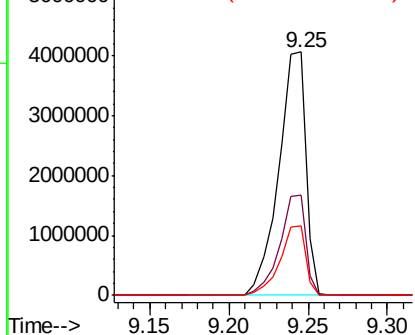
#45
2-Fluorobiphenyl
Concen: 71.947 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF118599.D
Acq: 20 Jan 2020 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 4847863
Ion Ratio Lower Upper
172 100
171 41.3 33.4 50.2
170 28.4 23.2 34.8

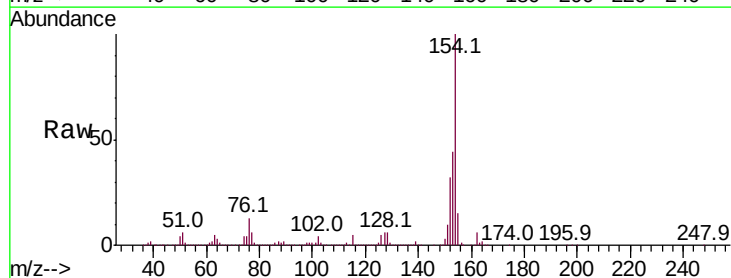


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

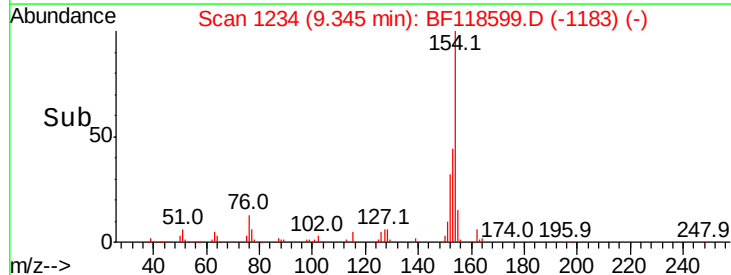
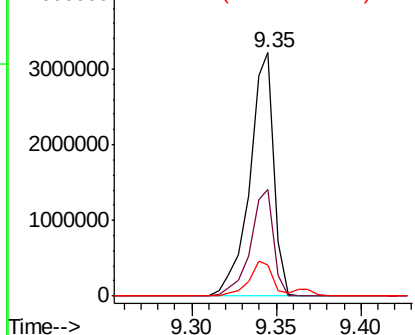


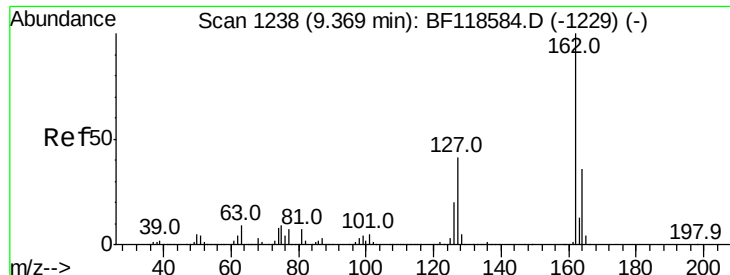
#46
1,1'-Biphenyl
Concen: 41.942 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BF118599.D
Acq: 20 Jan 2020 19:00

Tgt Ion:154 Resp: 3201352
Ion Ratio Lower Upper
154 100
153 44.0 23.8 63.8
76 13.0 0.0 34.3



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

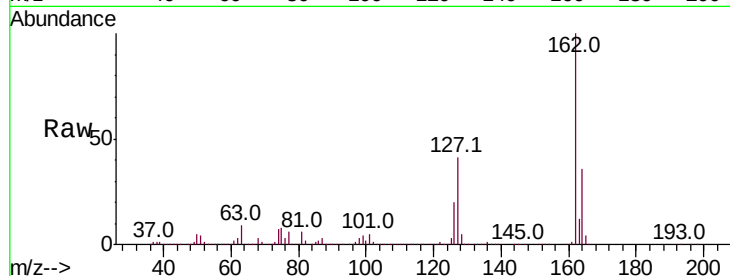




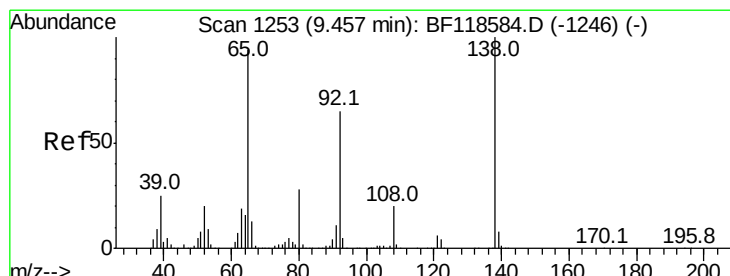
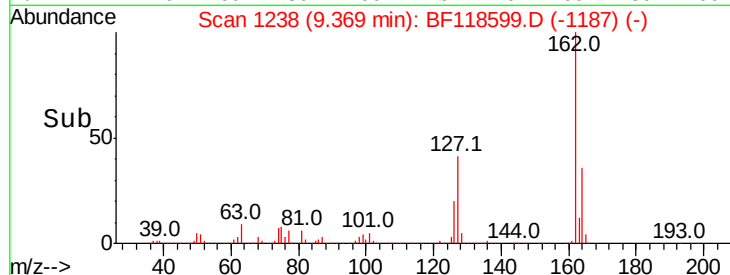
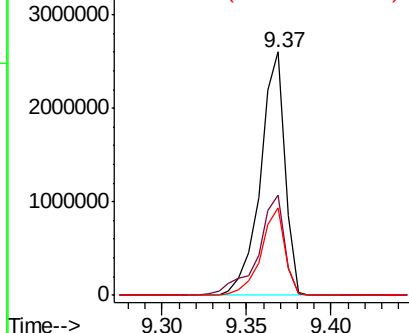
#47
 2-Chloronaphthalene
 Concen: 40.746 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BF118599.D
 Acq: 20 Jan 2020 19:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	33.0	49.6
164	36.0	28.6	42.8

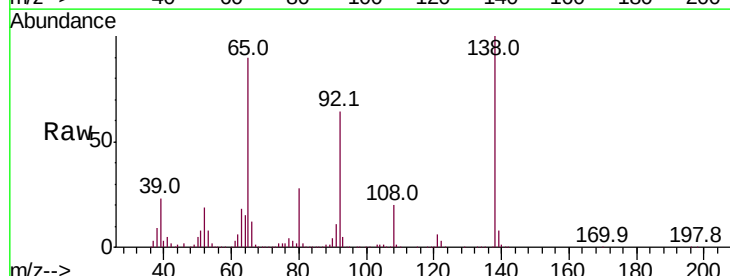


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

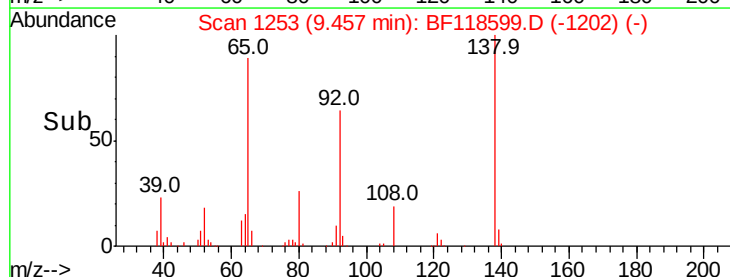
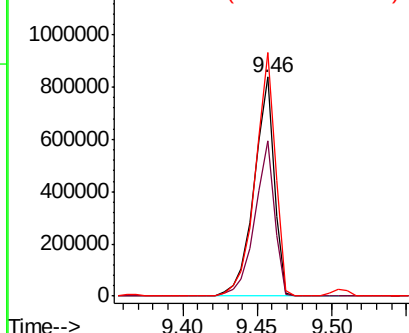


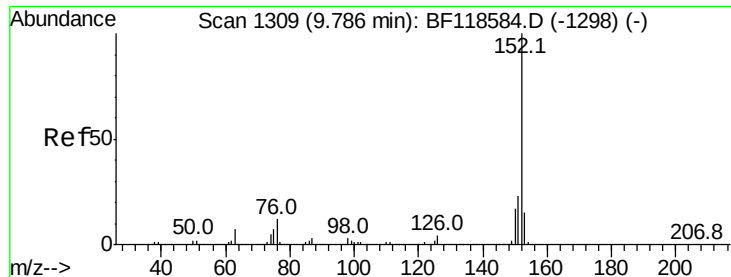
#48
 2-Nitroaniline
 Concen: 39.340 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BF118599.D
 Acq: 20 Jan 2020 19:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.2	55.4	83.0
138	111.3	85.0	127.6



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: 42.311 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

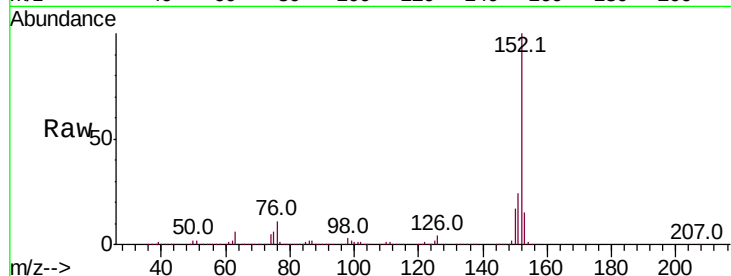
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 3829406

Ion	Ratio	Lower	Upper
152	100		
151	23.7	18.6	27.8
153	15.4	12.2	18.4

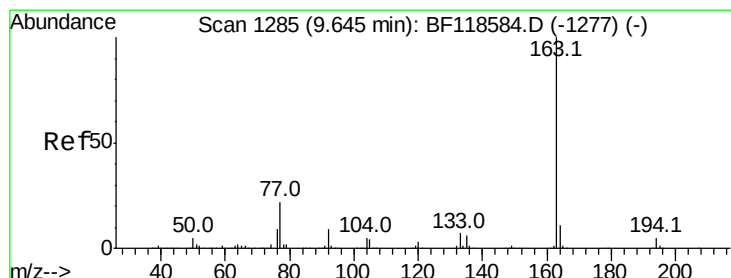
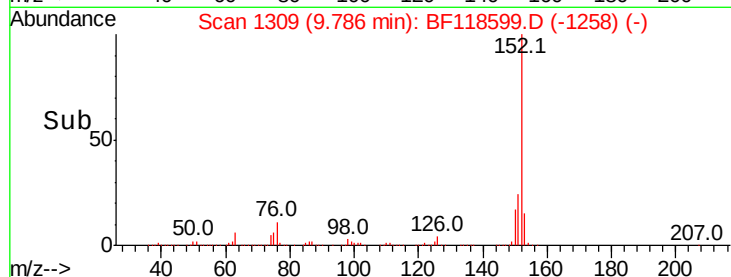
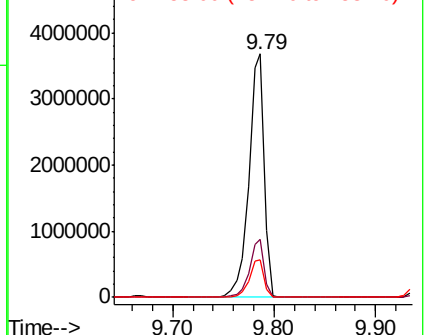


Abundance

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: 44.842 ng

RT: 9.65 min Scan# 1285

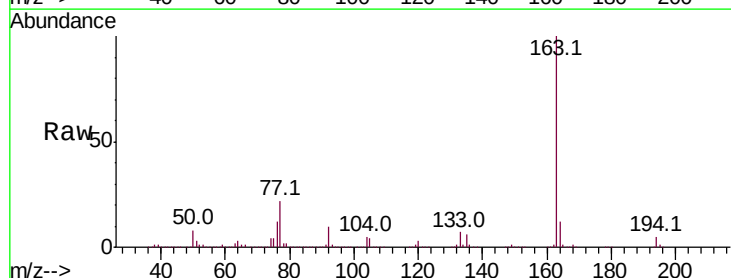
Delta R.T. 0.00 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

Tgt Ion:163 Resp: 3235530

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.9	5.9
164	11.5	9.1	13.7

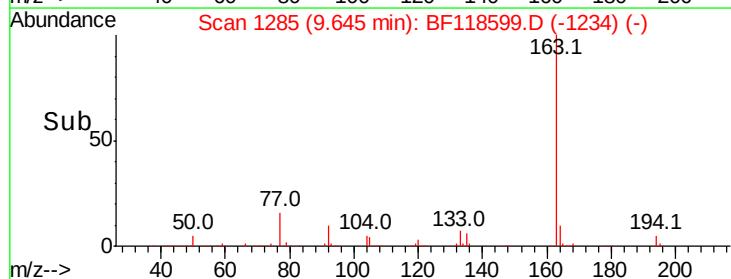
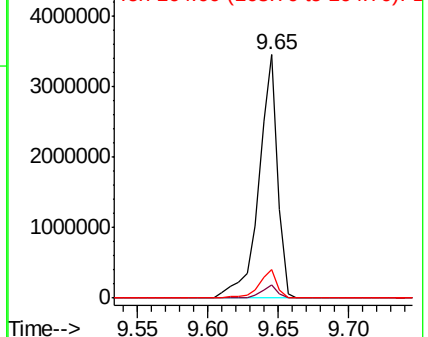


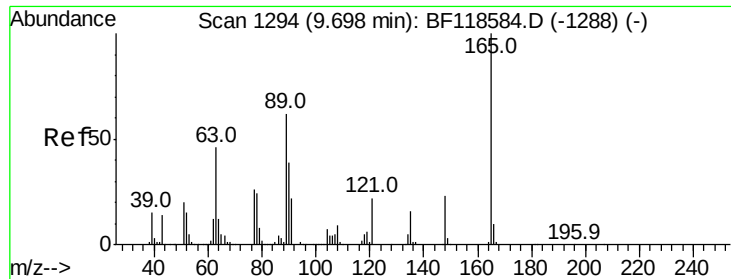
Abundance

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

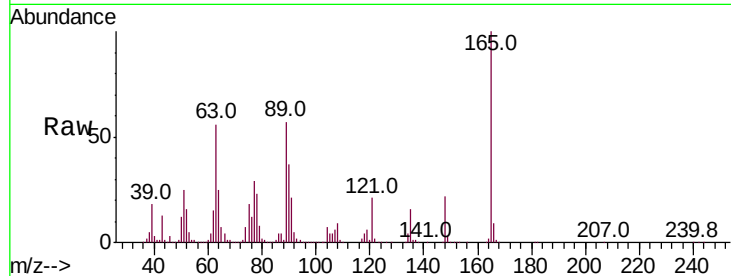




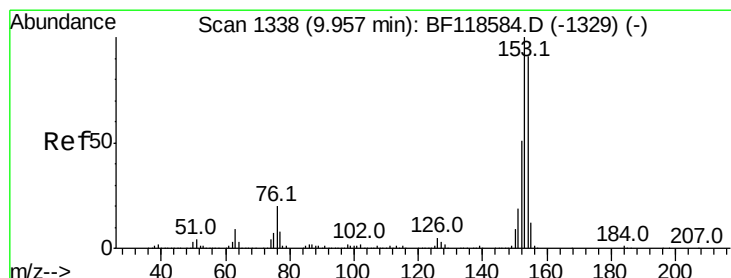
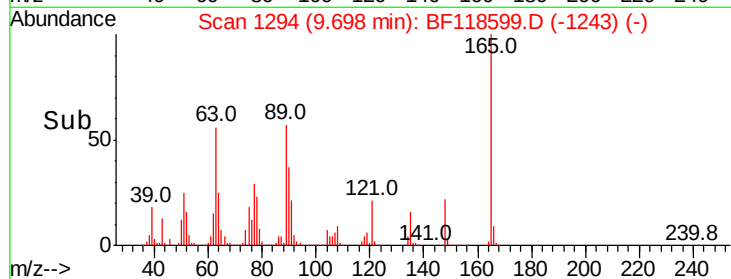
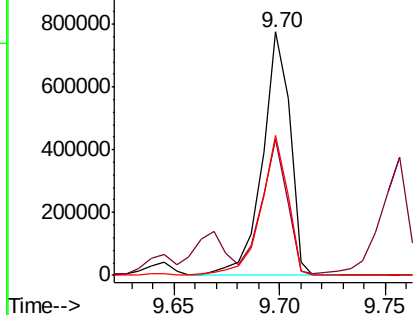
#51
 2,6-Dinitrotoluene
 Concen: 43.436 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF118599.D
 Acq: 20 Jan 2020 19:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 701817
 Ion Ratio Lower Upper
 165 100
 63 56.1 48.9 73.3
 89 57.5 49.8 74.6

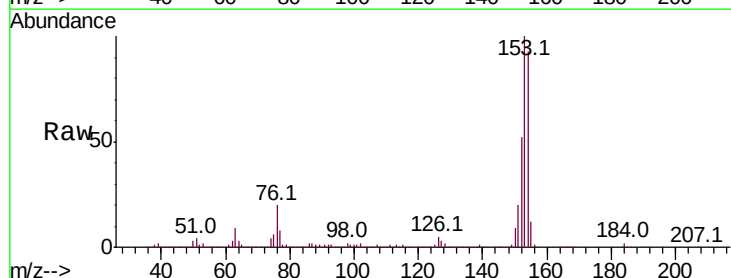


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

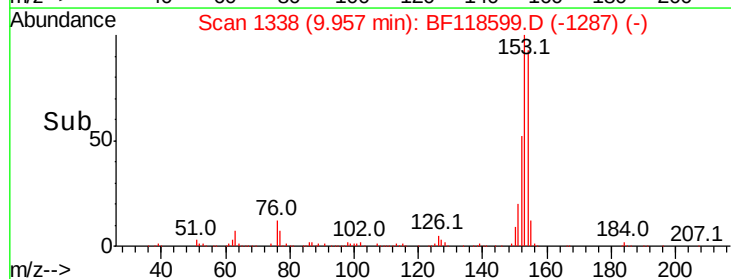
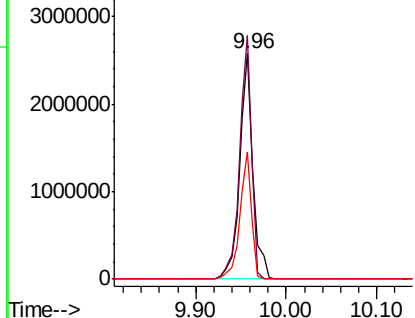


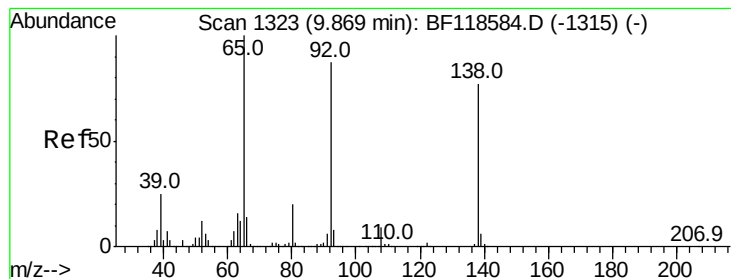
#52
 Acenaphthene
 Concen: 43.762 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BF118599.D
 Acq: 20 Jan 2020 19:00

Tgt Ion:154 Resp: 2648448
 Ion Ratio Lower Upper
 154 100
 153 108.1 87.6 131.4
 152 56.4 44.4 66.6



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: 17.462 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

Instrument :

BNA_F

ClientSampleId :

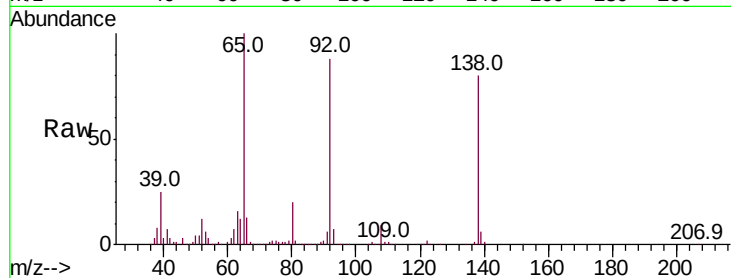
Tot Ion:138 Resp: 322170

Ion Ratio Lower Upper

138 100

108 10.7 9.6 14.4

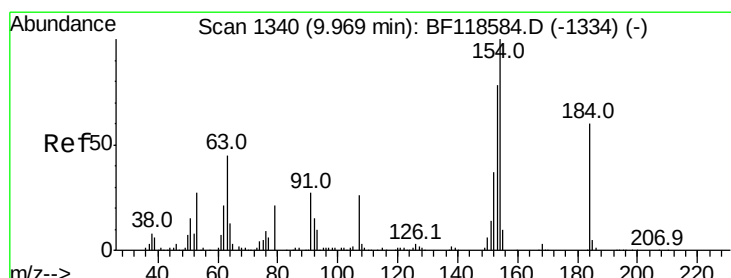
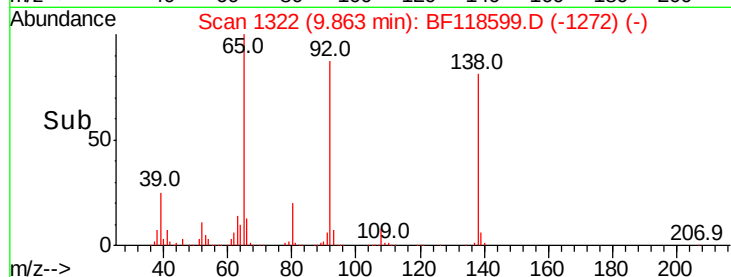
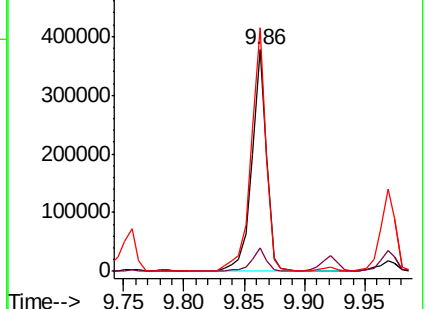
92 110.0 90.6 136.0



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: 76.822 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

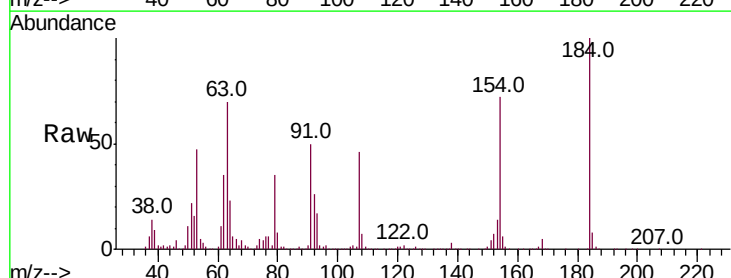
Tgt Ion:184 Resp: 495538

Ion Ratio Lower Upper

184 100

63 69.6 60.6 90.8

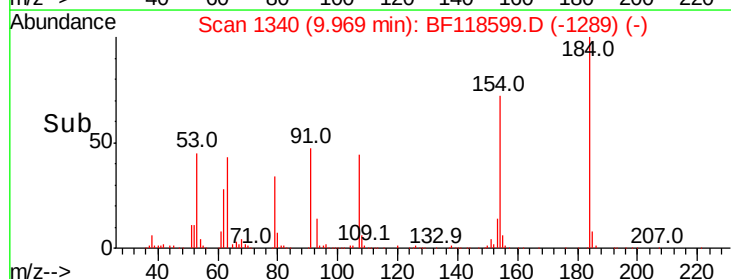
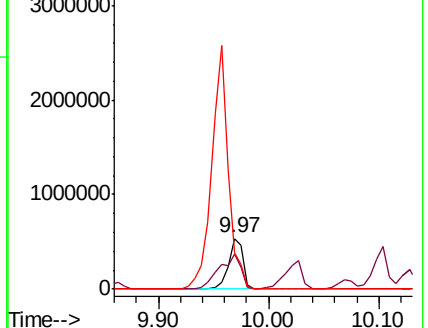
154 72.4 137.3 205.9#

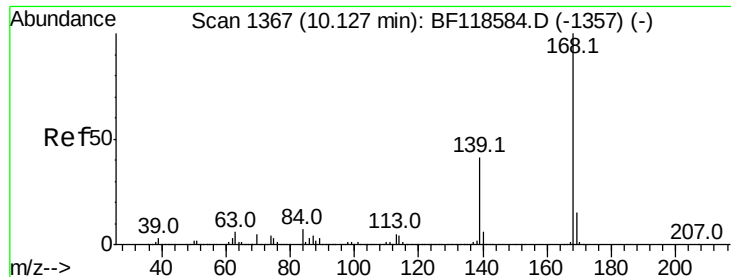


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

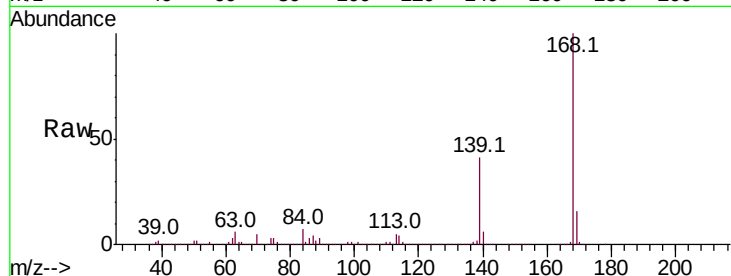




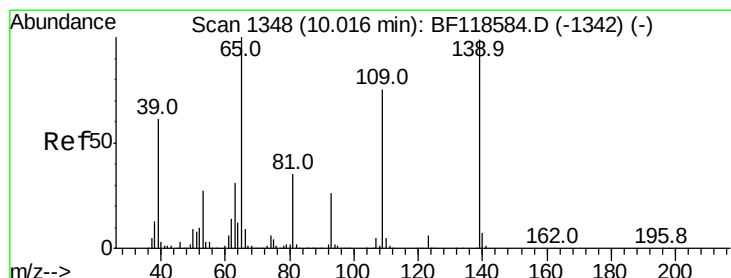
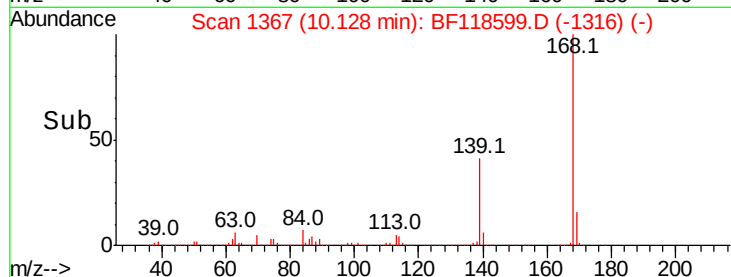
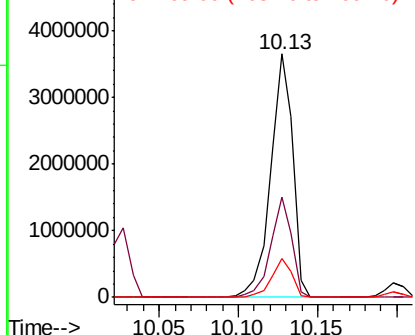
#55
Dibenzofuran
Concen: 42.330 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF118599.D
Acq: 20 Jan 2020 19:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 3550177
Ion Ratio Lower Upper
168 100
139 41.4 32.7 49.1
169 15.8 12.2 18.2

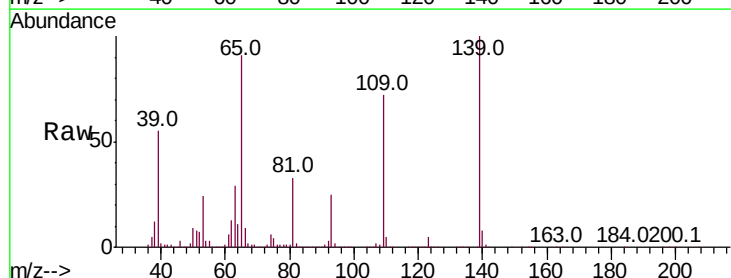


Abundance Ion 168.00 (167.70 to 168.70): E
5000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

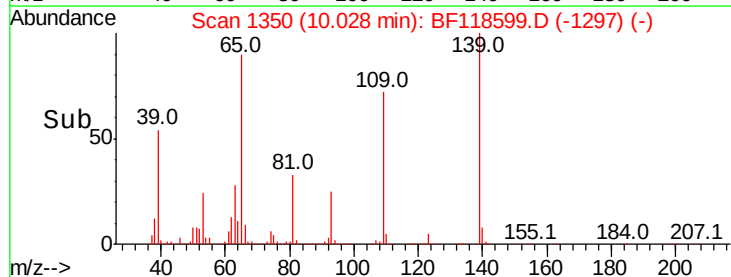
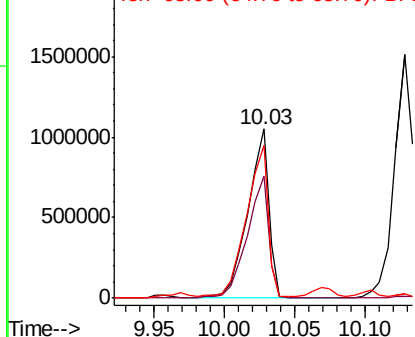


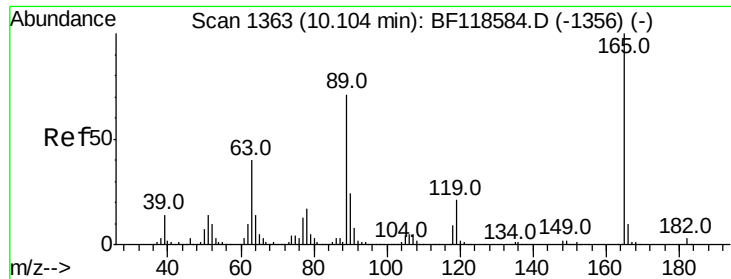
#56
4-Nitrophenol
Concen: 79.032 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF118599.D
Acq: 20 Jan 2020 19:00

Tgt Ion:139 Resp: 1100739
Ion Ratio Lower Upper
139 100
109 72.3 56.0 96.0
65 90.5 81.4 121.4



Abundance Ion 139.00 (138.70 to 139.70): E
2000000 Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

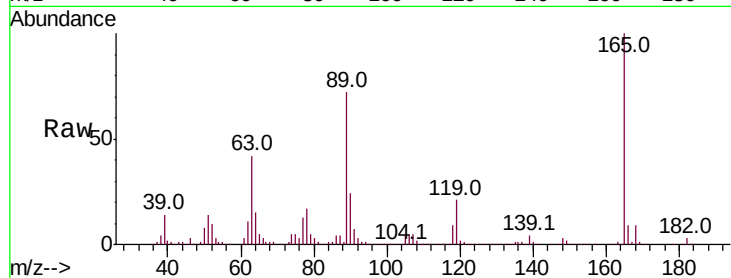




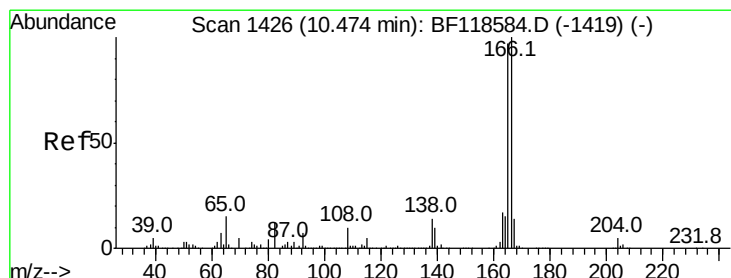
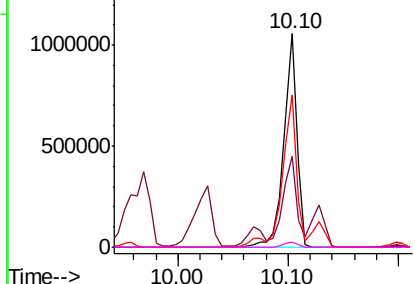
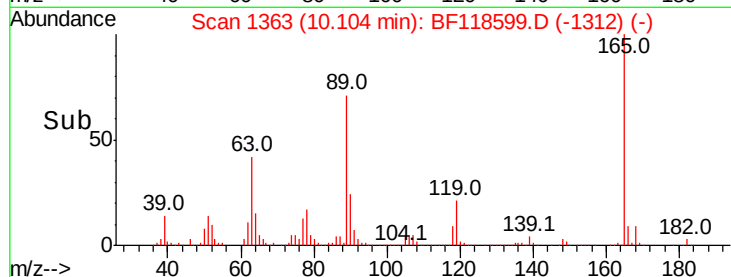
#57
2,4-Dinitrotoluene
Concen: 43.673 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF118599.D
Acq: 20 Jan 2020 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 889570
Ion Ratio Lower Upper
165 100
63 42.4 32.4 48.6
89 71.5 56.4 84.6
182 2.7 2.3 3.5

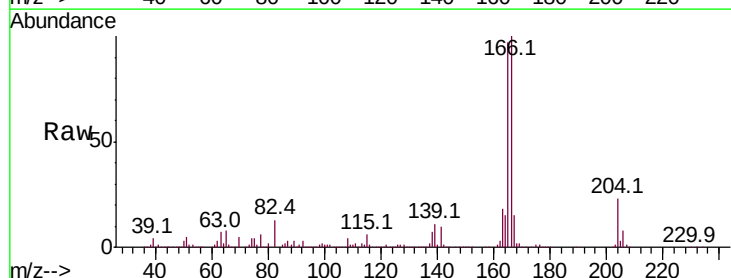


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

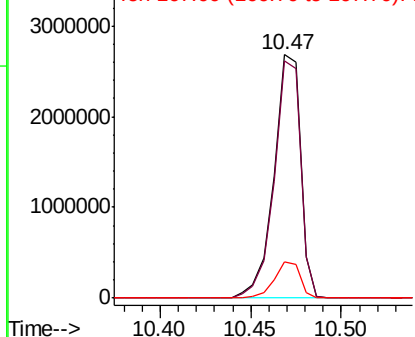
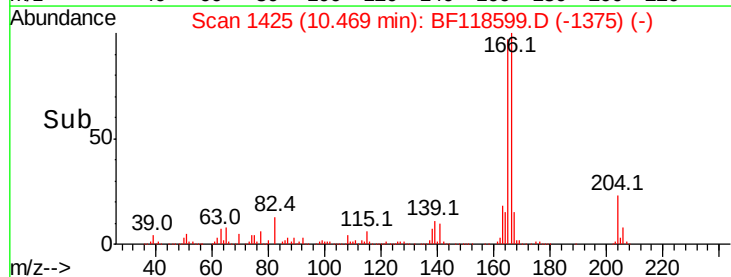


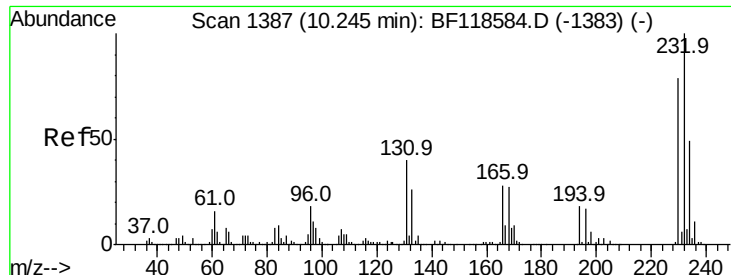
#58
Fluorene
Concen: 41.509 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118599.D
Acq: 20 Jan 2020 19:00

Tgt Ion:166 Resp: 2732982
Ion Ratio Lower Upper
166 100
165 97.2 77.3 115.9
167 15.1 11.5 17.3



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

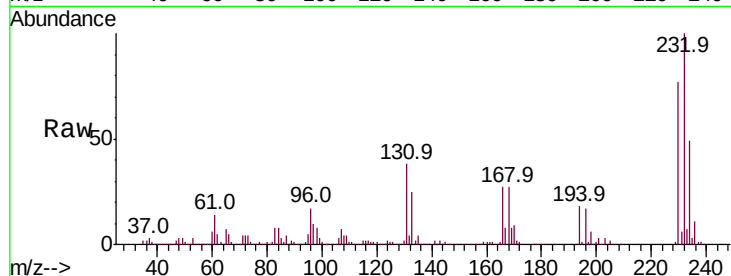




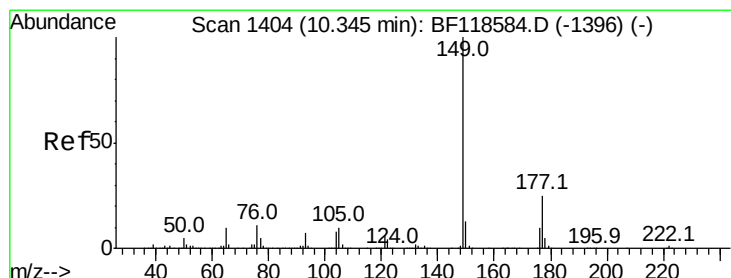
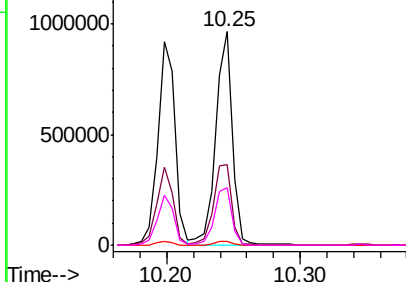
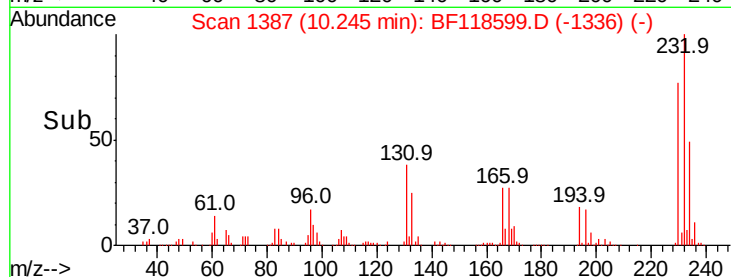
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.149 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF118599.D
 Acq: 20 Jan 2020 19:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 849973
 Ion Ratio Lower Upper
 232 100
 131 41.9 33.2 49.8
 130 2.1 1.8 2.6
 166 28.3 22.6 33.8

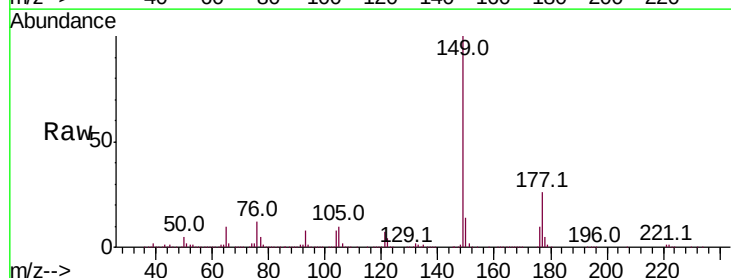


Abundance Ion 232.00 (231.70 to 232.70): E
 1500000 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

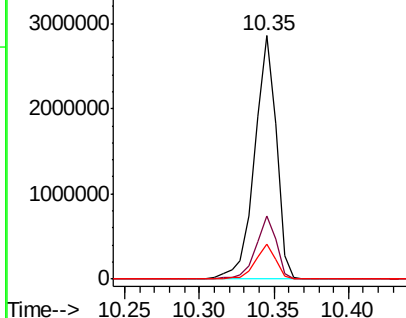
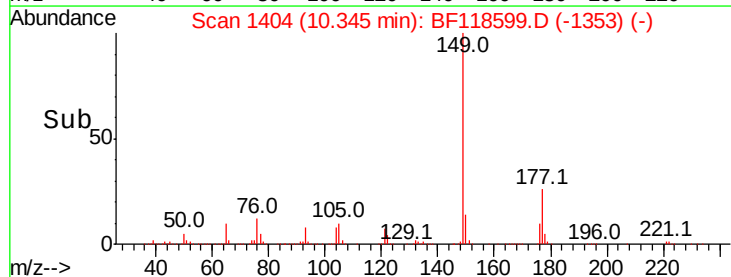


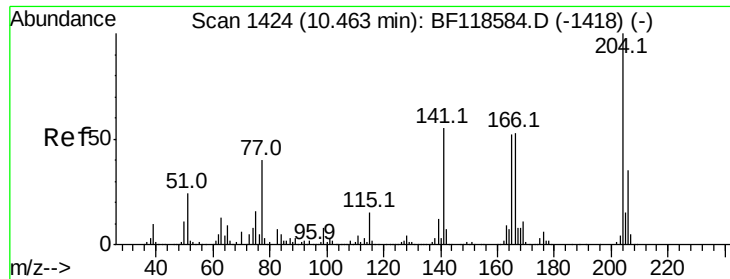
#60
 Diethylphthalate
 Concen: 40.588 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF118599.D
 Acq: 20 Jan 2020 19:00

Tgt Ion:149 Resp: 2839509
 Ion Ratio Lower Upper
 149 100
 177 26.0 20.0 30.0
 150 14.3 10.6 16.0



Abundance Ion 149.00 (148.70 to 149.70): E
 4000000 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

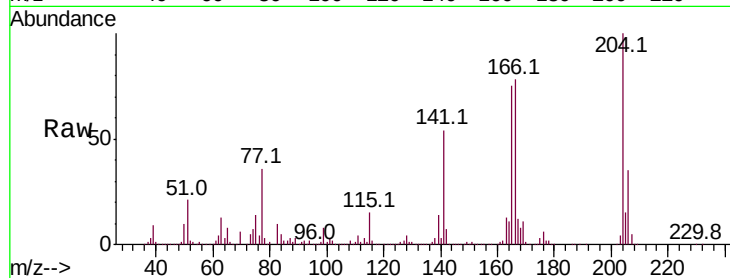




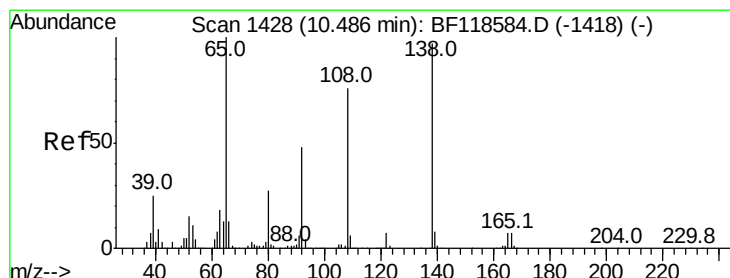
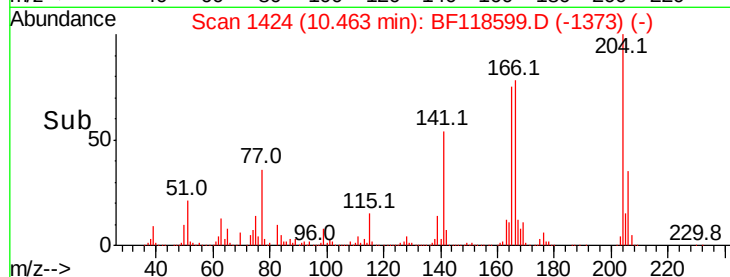
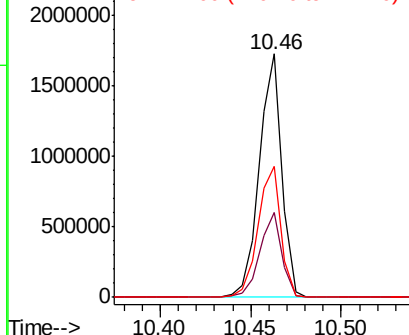
#61
4-Chlorophenyl-phenylether
Concen: 41.441 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF118599.D
Acq: 20 Jan 2020 19:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 1483977
Ion Ratio Lower Upper
204 100
206 35.0 27.8 41.6
141 53.8 43.7 65.5

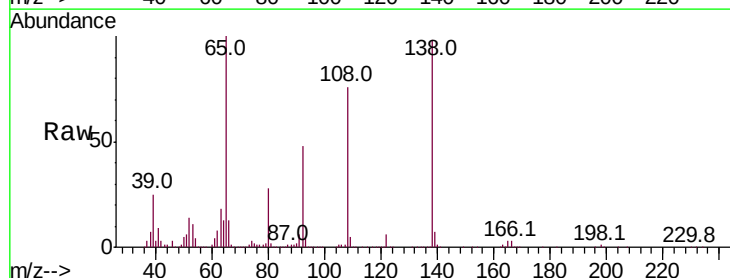


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

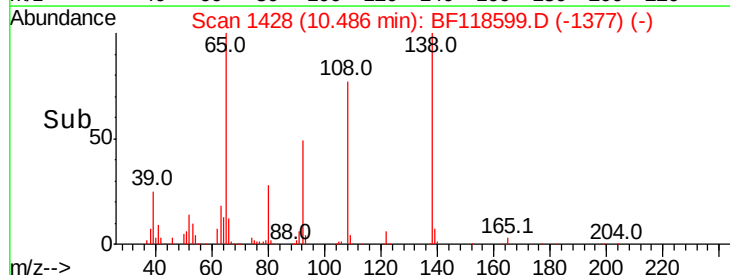
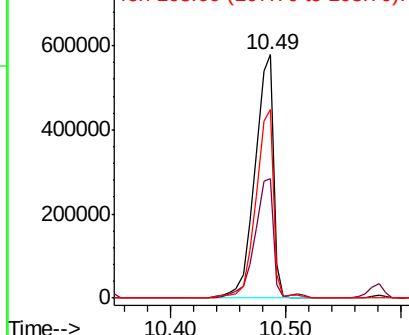


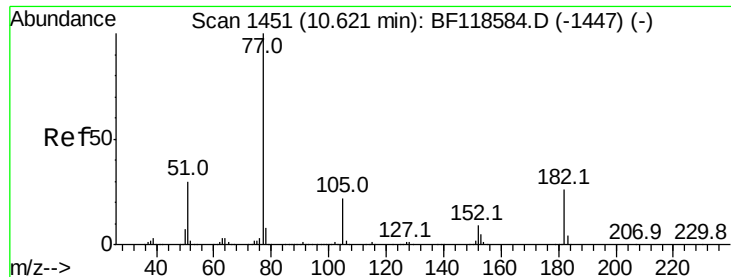
#62
4-Nitroaniline
Concen: 34.319 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF118599.D
Acq: 20 Jan 2020 19:00

Tgt Ion:138 Resp: 649473
Ion Ratio Lower Upper
138 100
92 48.8 29.4 69.4
108 77.6 58.2 98.2



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

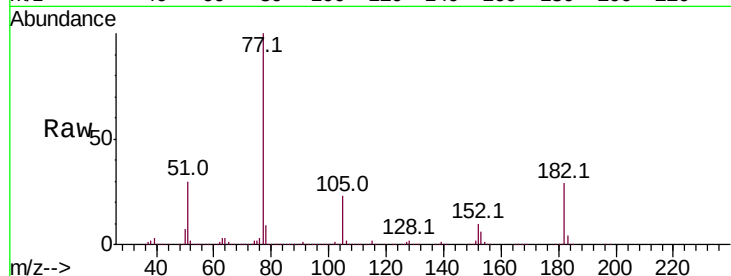




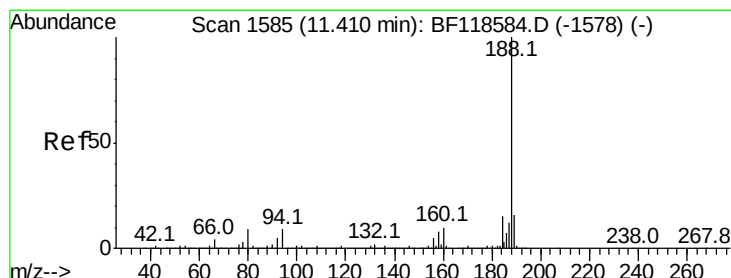
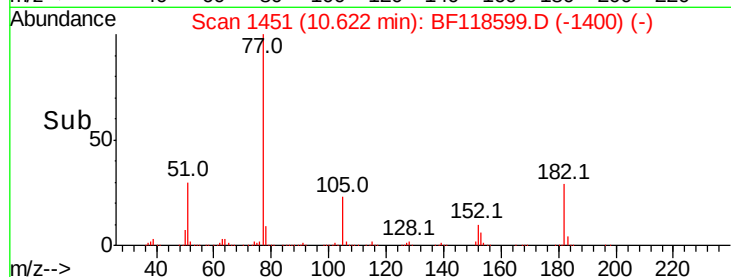
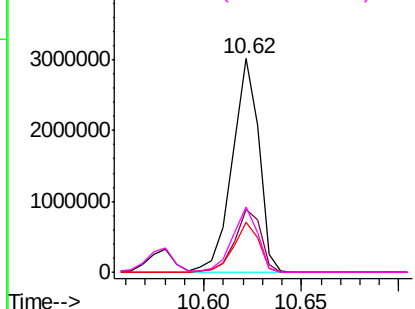
#63
Azobenzene
Concen: 41.898 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF118599.D
Acq: 20 Jan 2020 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 2838694
Ion Ratio Lower Upper
77 100
182 29.1 5.6 45.6
105 23.2 2.0 42.0
51 30.3 10.2 50.2

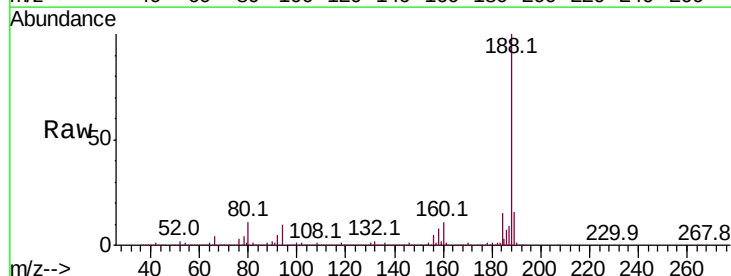


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

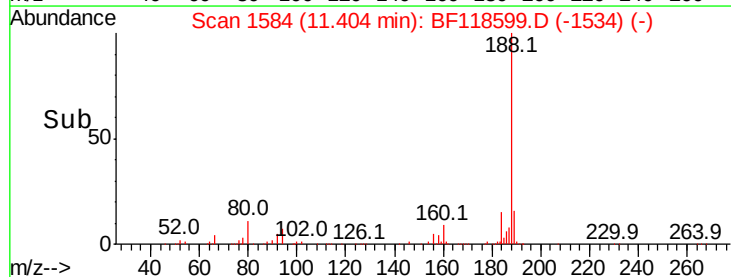
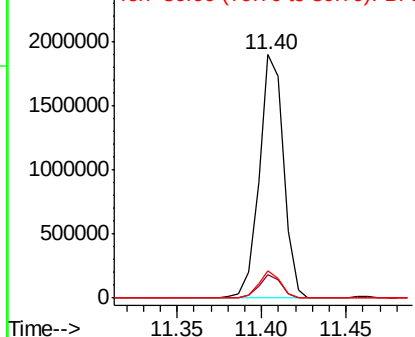


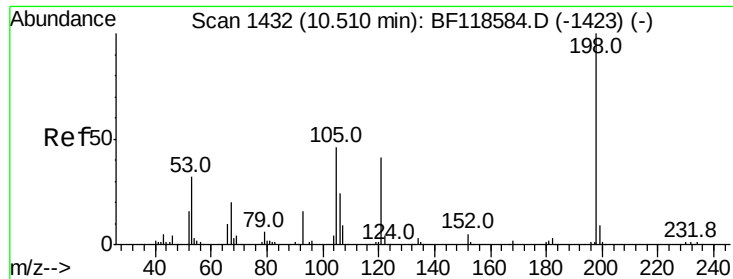
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118599.D
Acq: 20 Jan 2020 19:00

Tgt Ion: 188 Resp: 1902895
Ion Ratio Lower Upper
188 100
94 9.9 7.1 10.7
80 11.0 7.5 11.3



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

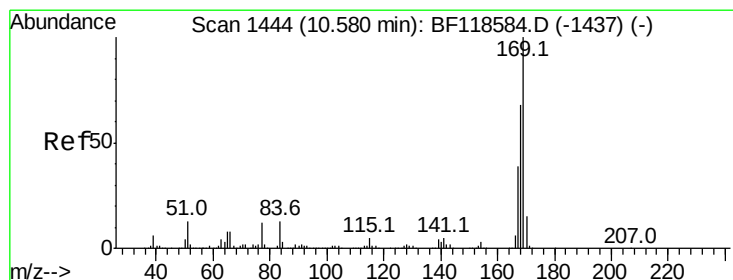
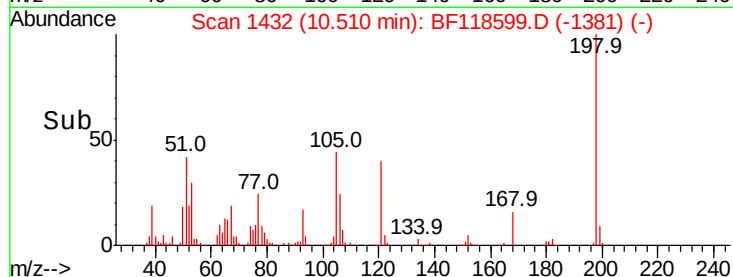
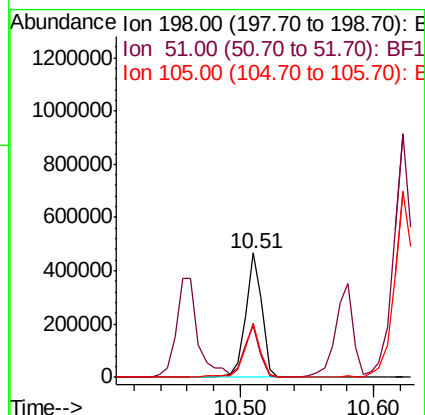
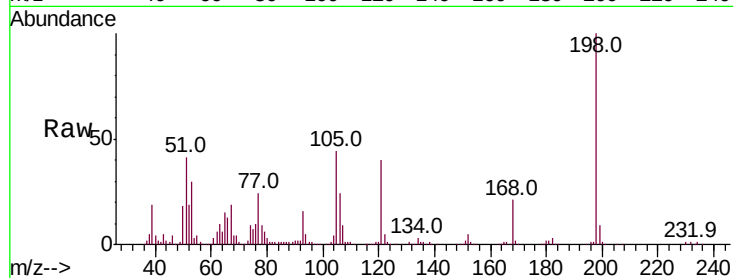




#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.551 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BF118599.D
 Acq: 20 Jan 2020 19:00

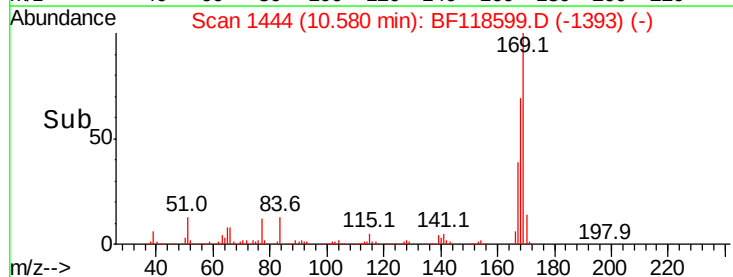
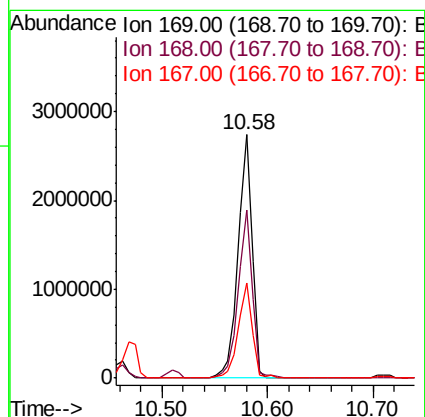
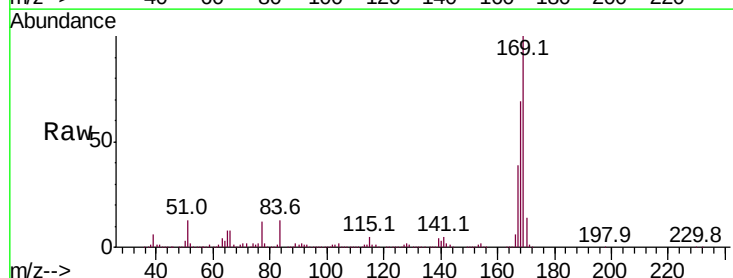
Instrument :
 BNA_F
 ClientSampleId :

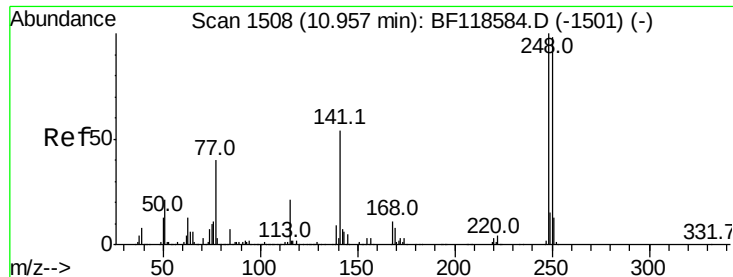
Tot Ion:198 Resp: 389519
 Ion Ratio Lower Upper
 198 100
 51 41.5 25.2 65.2
 105 44.0 26.3 66.3



#66
 n-Nitrosodiphenylamine
 Concen: 43.399 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: BF118599.D
 Acq: 20 Jan 2020 19:00

Tgt Ion:169 Resp: 2490506
 Ion Ratio Lower Upper
 169 100
 168 68.8 54.6 82.0
 167 39.2 30.9 46.3

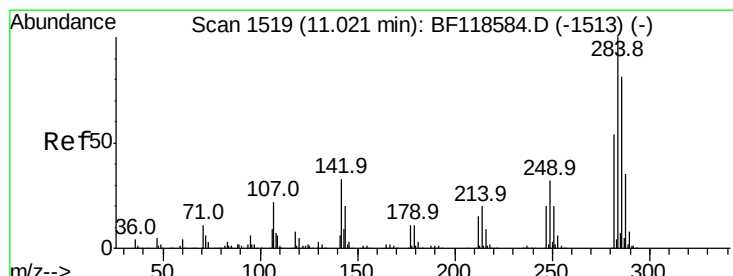
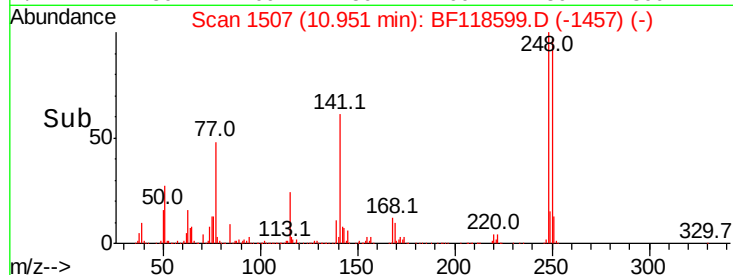
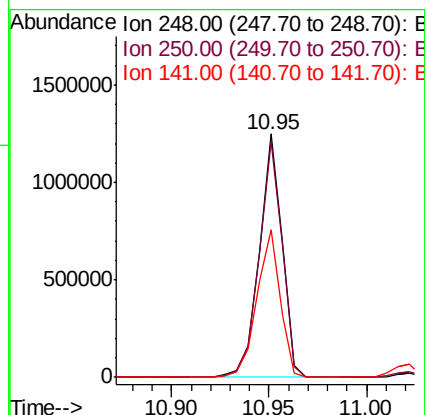
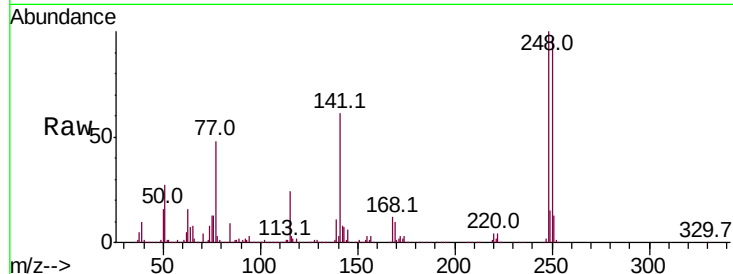




#67
4-Bromophenyl-phenylether
Concen: 42.954 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118599.D
Acq: 20 Jan 2020 19:00

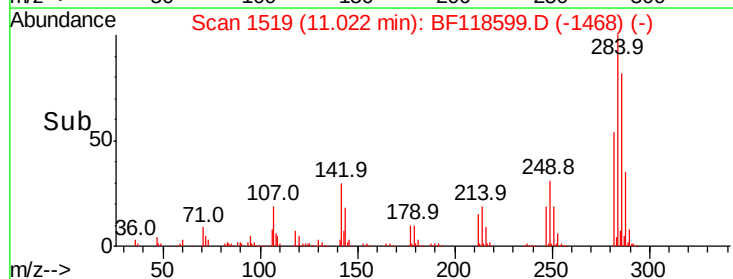
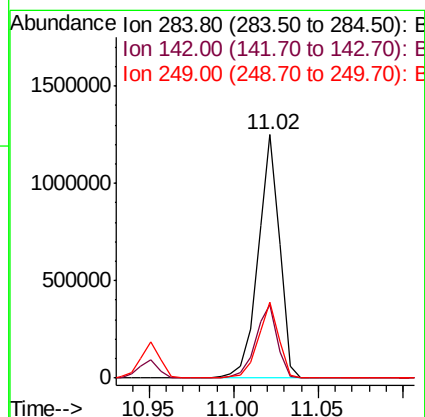
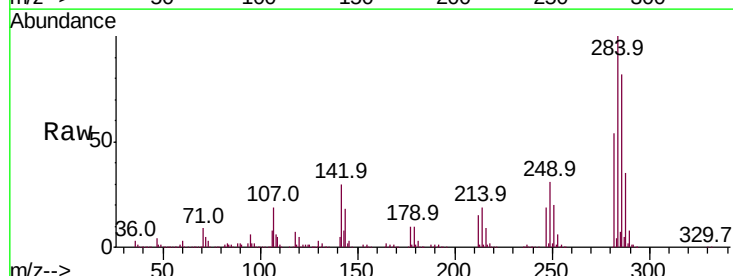
Instrument :
BNA_F
ClientSampleId :

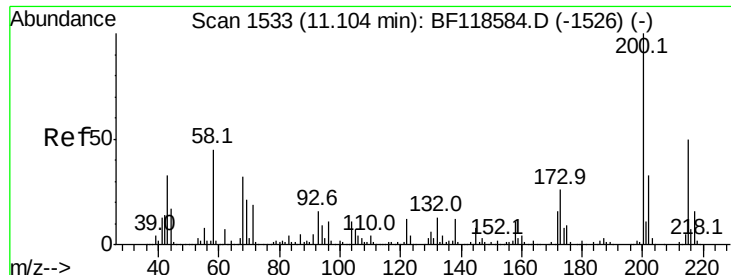
Tot Ion:248 Resp: 1009816
Ion Ratio Lower Upper
248 100
250 96.7 78.7 118.1
141 60.7 43.2 64.8



#68
Hexachlorobenzene
Concen: 41.234 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF118599.D
Acq: 20 Jan 2020 19:00

Tgt Ion:284 Resp: 1099031
Ion Ratio Lower Upper
284 100
142 30.0 26.6 39.8
249 31.0 25.2 37.8

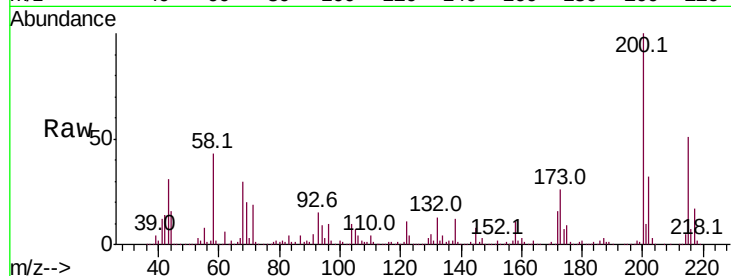




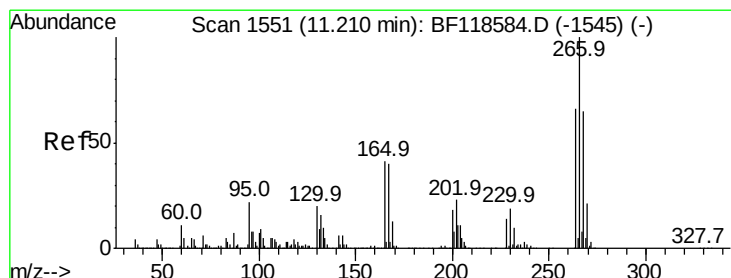
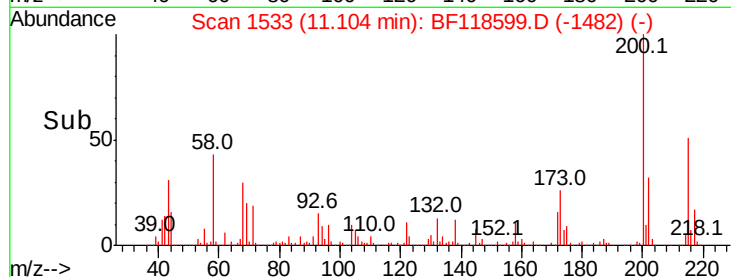
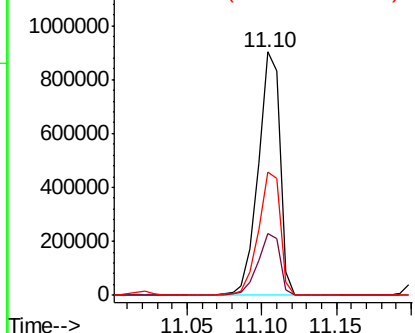
#69
Atrazine
Concen: 45.178 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF118599.D
Acq: 20 Jan 2020 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 898612
Ion Ratio Lower Upper
200 100
173 25.7 6.3 46.3
215 50.6 30.2 70.2

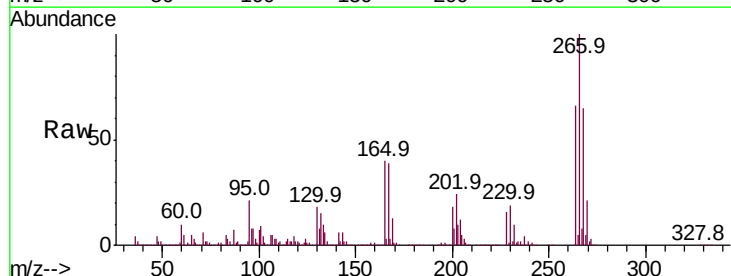


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

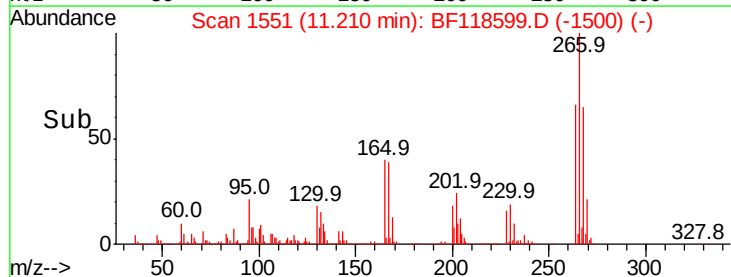
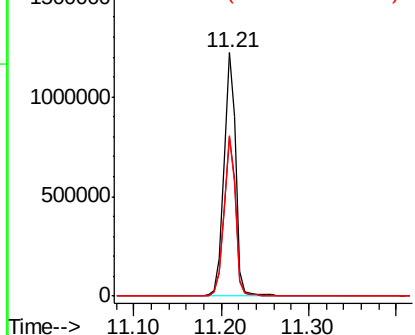


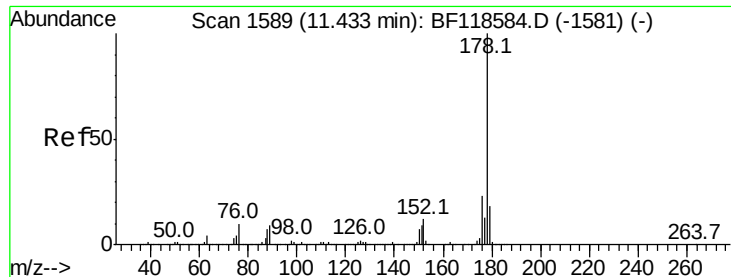
#70
Pentachlorophenol
Concen: 77.729 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BF118599.D
Acq: 20 Jan 2020 19:00

Tgt Ion:266 Resp: 1151867
Ion Ratio Lower Upper
266 100
268 65.3 52.1 78.1
264 65.6 52.4 78.6



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

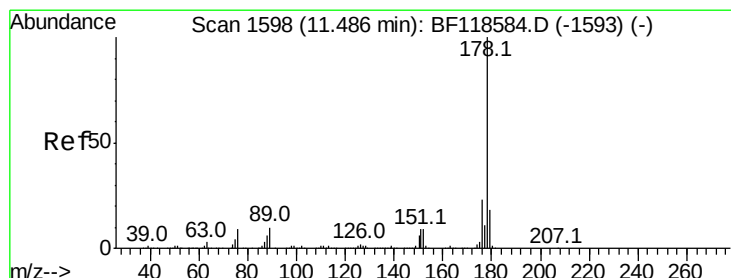
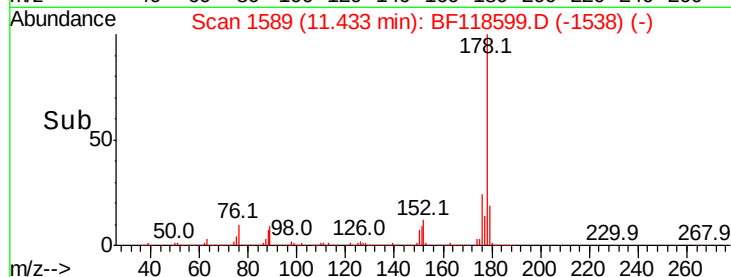
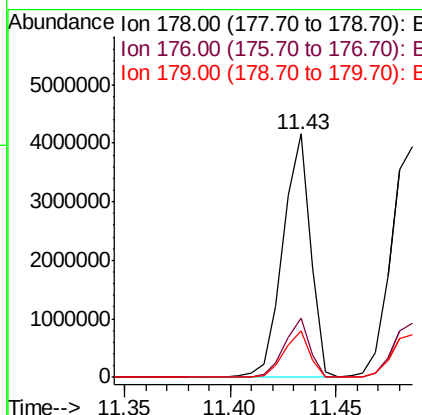
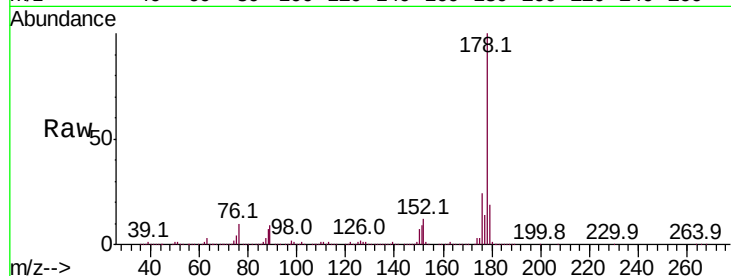




#71
Phenanthrene
Concen: 41.468 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF118599.D
Acq: 20 Jan 2020 19:00

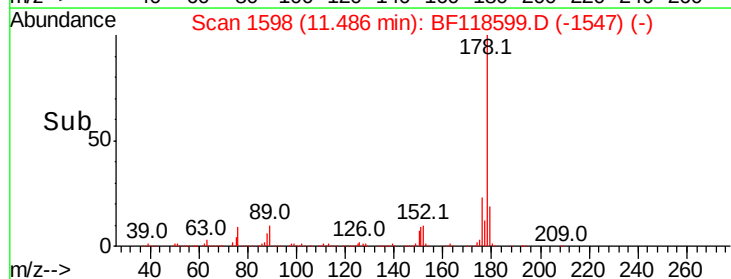
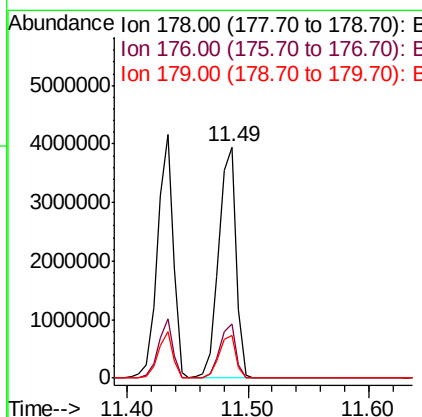
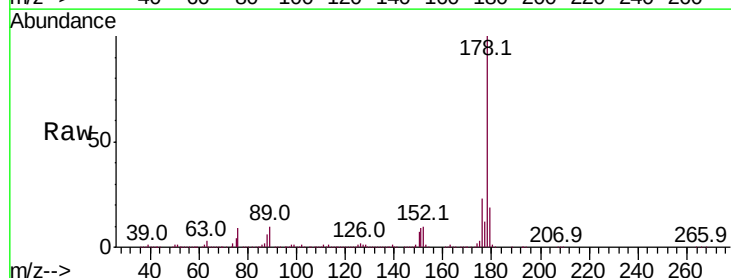
Instrument :
BNA_F
ClientSampled :

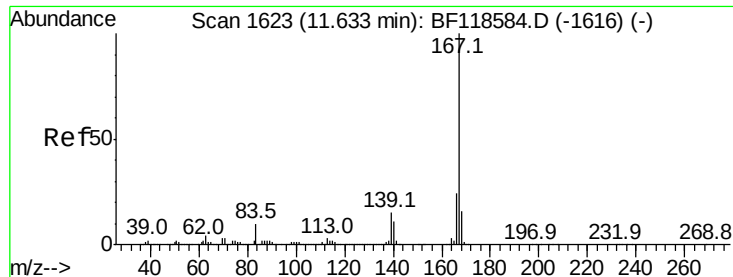
Tot Ion:178 Resp: 3806962
Ion Ratio Lower Upper
178 100
176 24.2 18.6 27.8
179 19.2 14.7 22.1



#72
Anthracene
Concen: 42.893 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF118599.D
Acq: 20 Jan 2020 19:00

Tgt Ion:178 Resp: 3896357
Ion Ratio Lower Upper
178 100
176 23.3 18.0 27.0
179 18.6 14.7 22.1





#73

Carbazole

Concen: 40.498 ng

RT: 11.63 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

Instrument :

BNA_F

ClientSampleId :

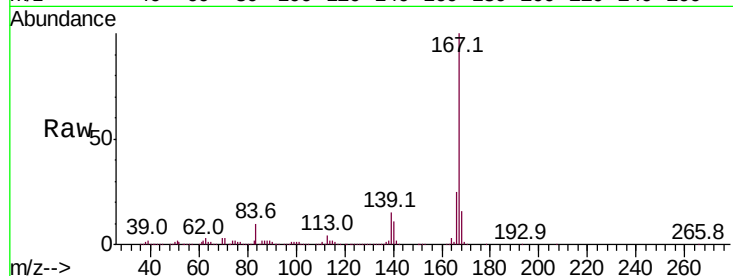
Tot Ion:167 Resp: 3374347

Ion	Ratio	Lower	Upper
167	100		
166	24.5	19.4	29.2
139	14.9	11.7	17.5

167 100

166 24.5 19.4 29.2

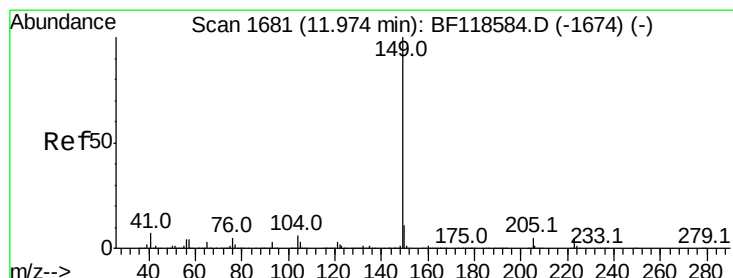
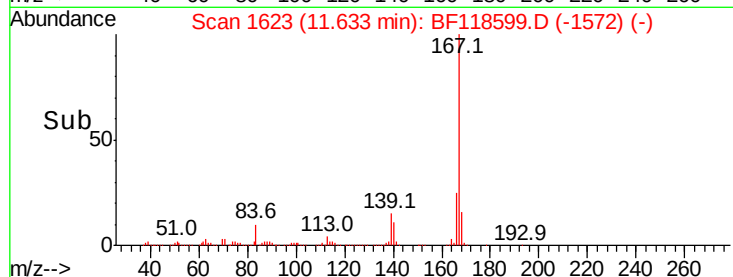
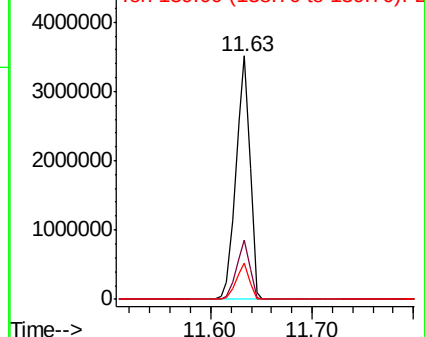
139 14.9 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.416 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.01 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

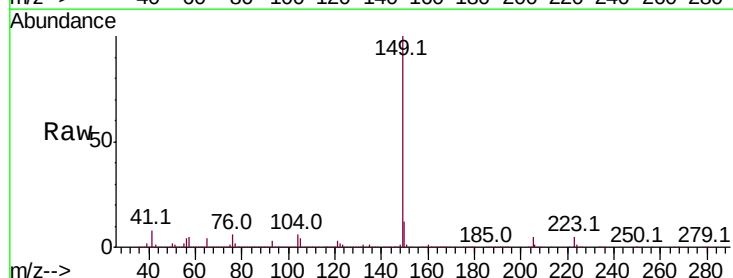
Tgt Ion:149 Resp: 4019107

Ion	Ratio	Lower	Upper
149	100		
150	12.0	8.7	13.1
104	6.3	4.6	6.8

149 100

150 12.0 8.7 13.1

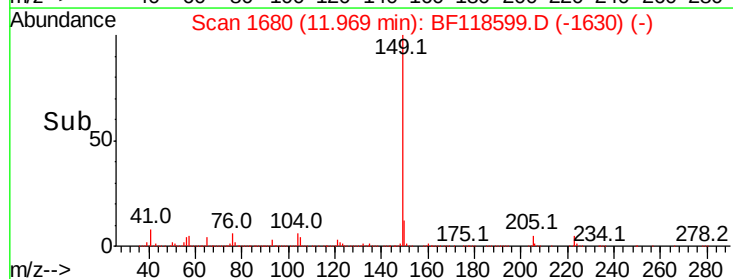
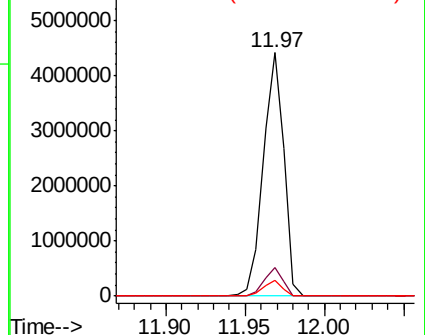
104 6.3 4.6 6.8

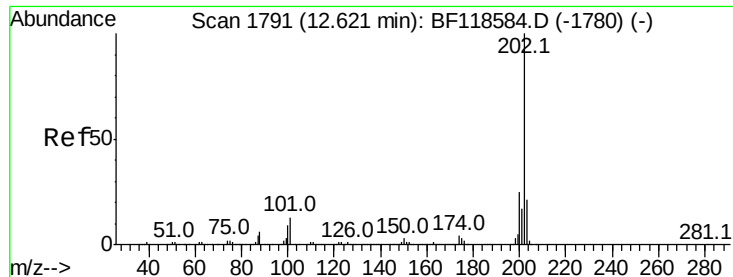


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.571 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

Instrument :

BNA_F

ClientSampleId :

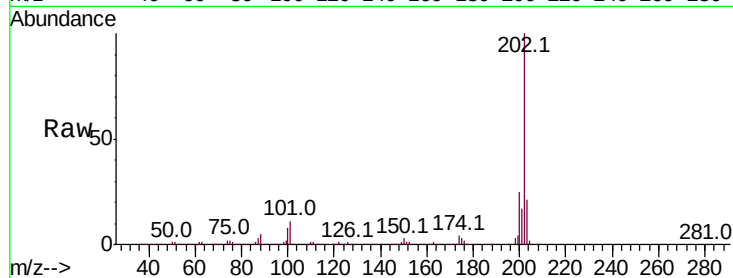
Tot Ion:202 Resp: 3831529

Ion Ratio Lower Upper

202 100

101 11.2 0.0 32.5

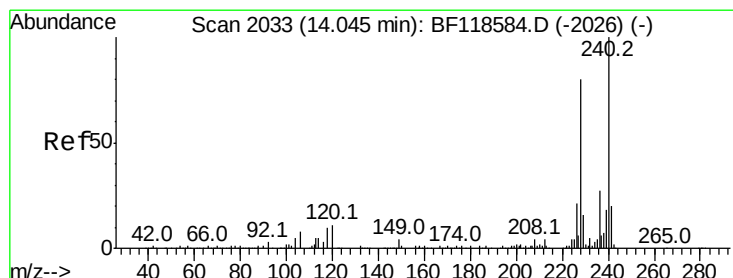
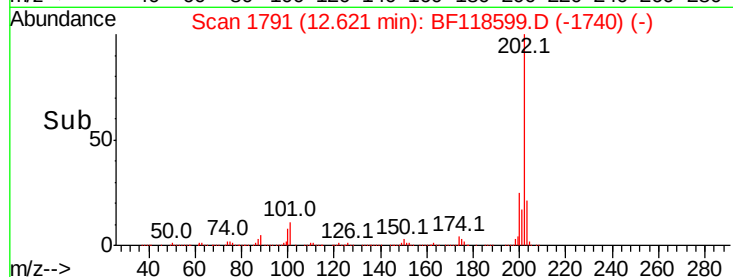
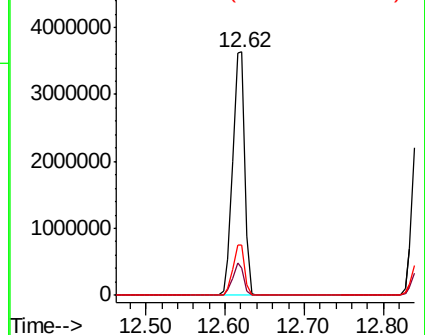
203 20.5 0.8 40.8



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: 14.04 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

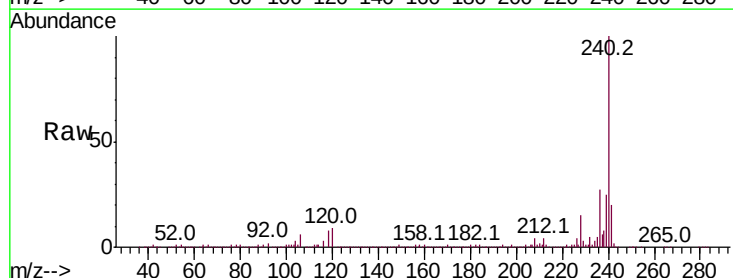
Tgt Ion:240 Resp: 1150534

Ion Ratio Lower Upper

240 100

120 8.7 8.9 13.3#

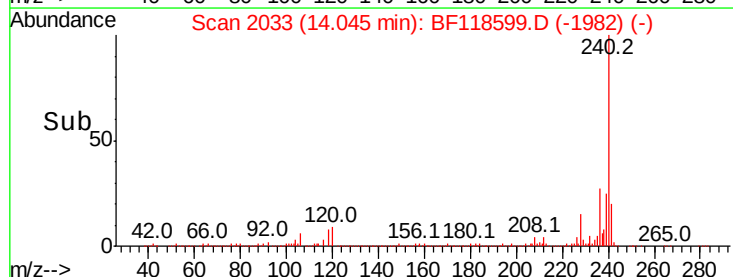
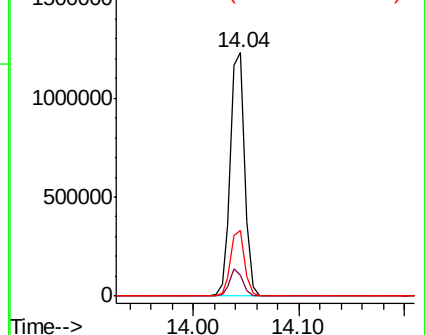
236 26.9 21.5 32.3

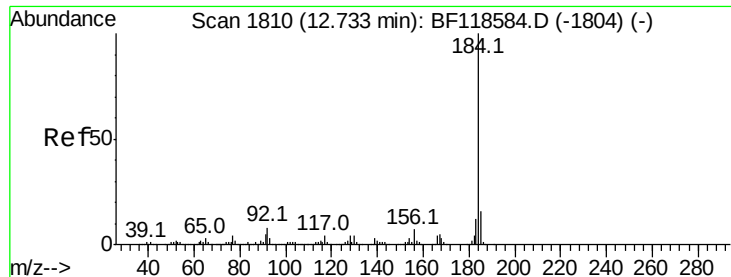


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.933 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

Instrument :

BNA_F

ClientSampleId :

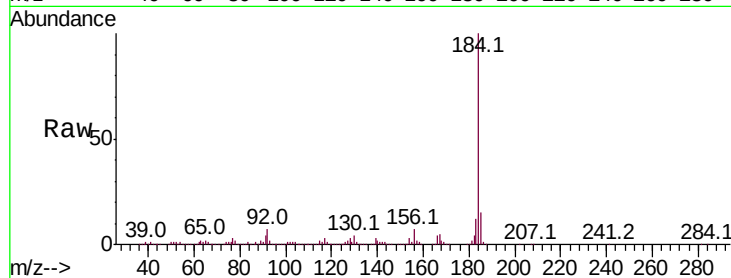
Tot Ion:184 Resp: 1319823

Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.9	19.3
183	11.7	9.6	14.4

184 100

185 14.9 12.9 19.3

183 11.7 9.6 14.4

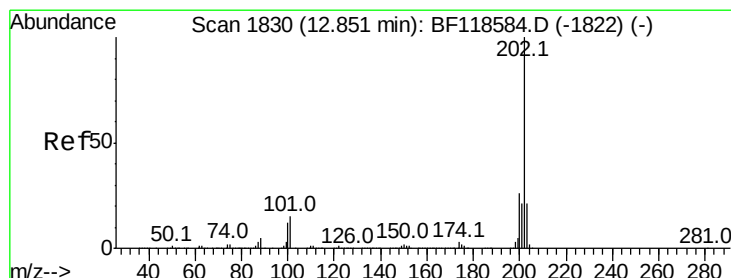
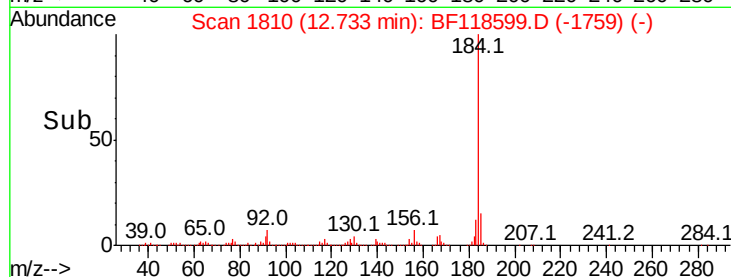
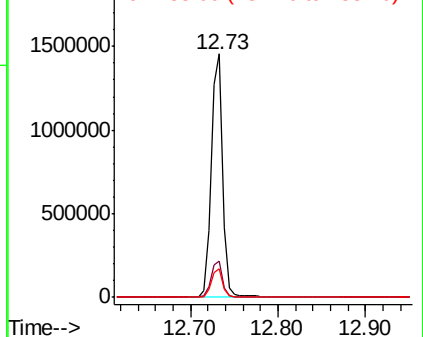


Abundance

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: 49.219 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

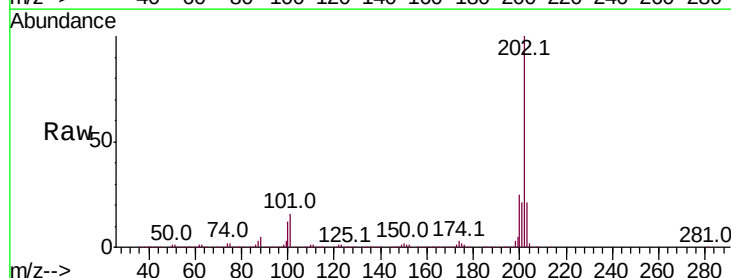
Tgt Ion:202 Resp: 3844578

Ion	Ratio	Lower	Upper
202	100		
200	25.4	20.6	31.0
203	21.0	16.8	25.2

202 100

200 25.4 20.6 31.0

203 21.0 16.8 25.2

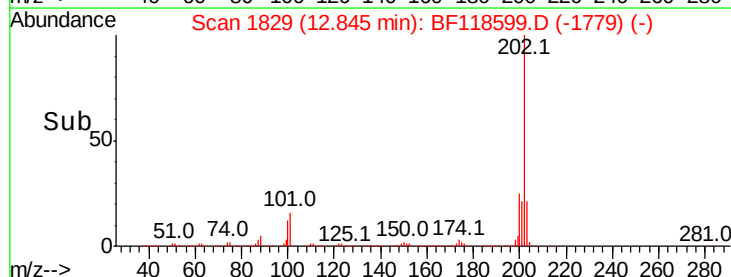
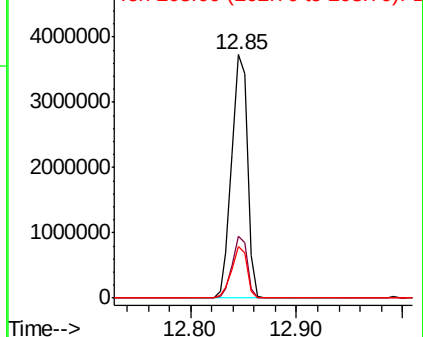


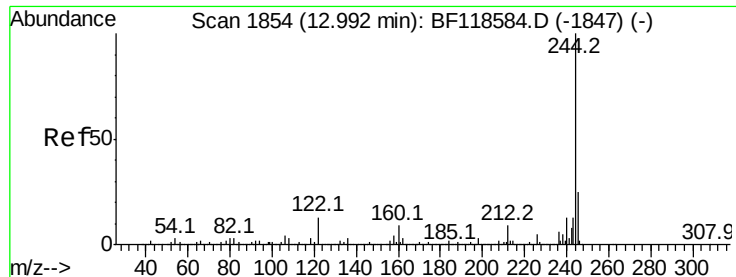
Abundance

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: 93.679 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

Instrument :

BNA_F

ClientSampleId :

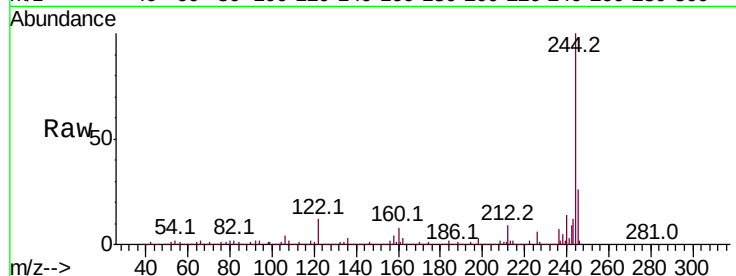
Tot Ion:244 Resp: 4941575

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.4

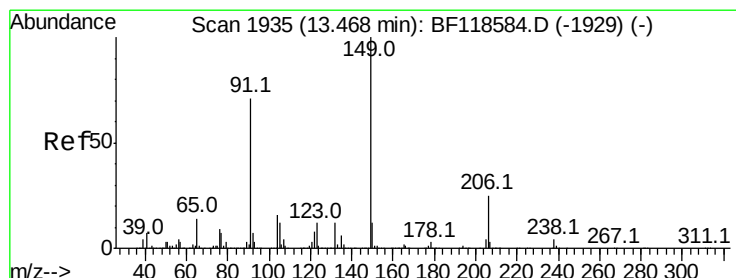
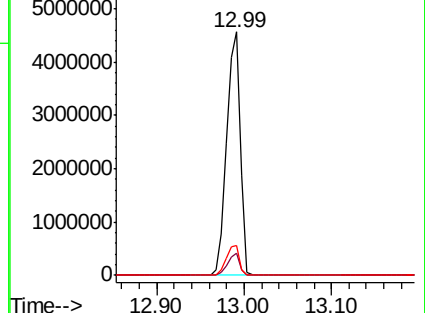
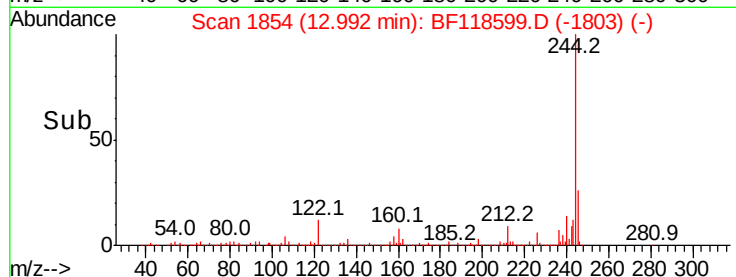
122 12.5 10.7 16.1



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: 50.197 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

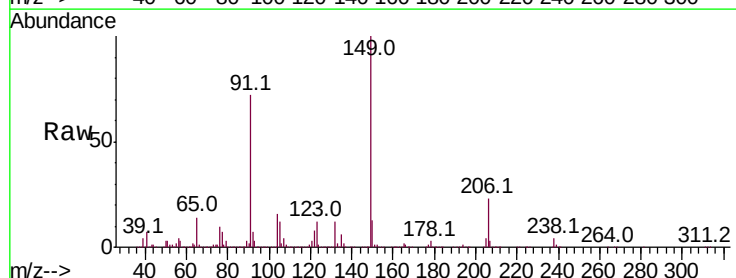
Tgt Ion:149 Resp: 1604693

Ion Ratio Lower Upper

149 100

91 71.9 56.5 84.7

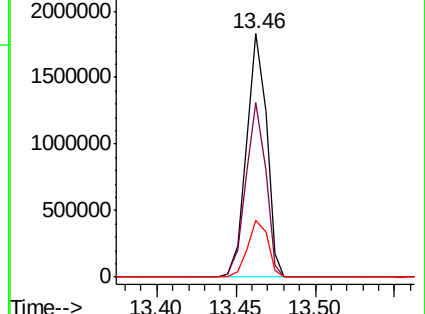
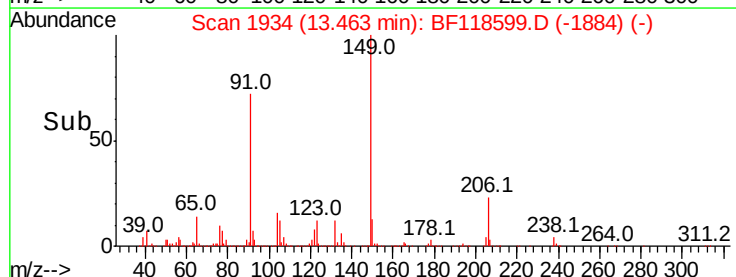
206 23.4 19.9 29.9

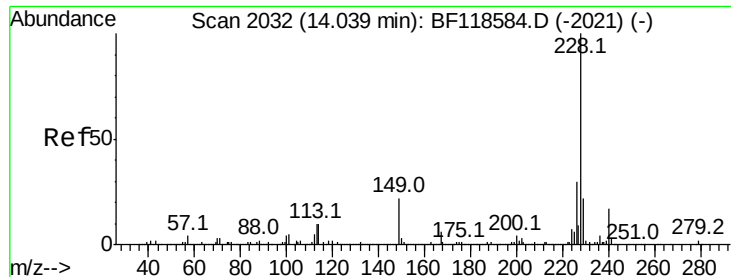


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

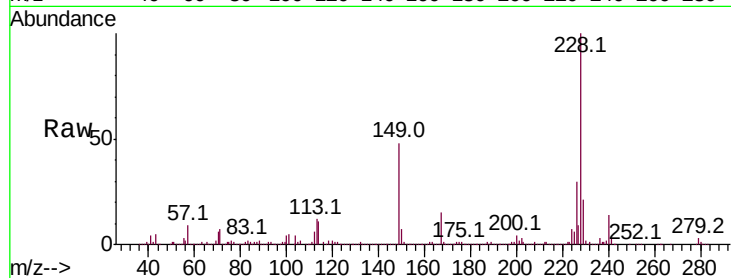




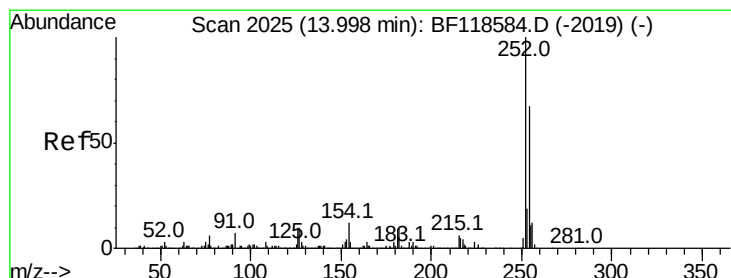
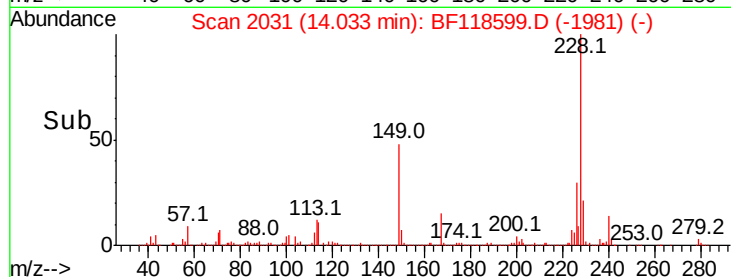
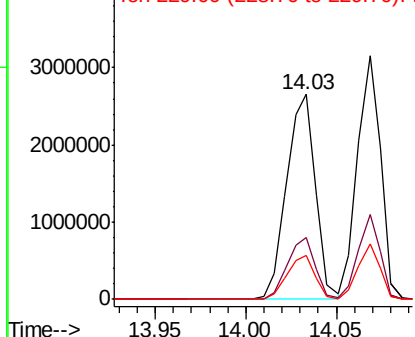
#81
Benzo(a)anthracene
Concen: 42.567 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118599.D
Acq: 20 Jan 2020 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 2946057
Ion Ratio Lower Upper
228 100
226 30.0 24.1 36.1
229 21.5 17.6 26.4

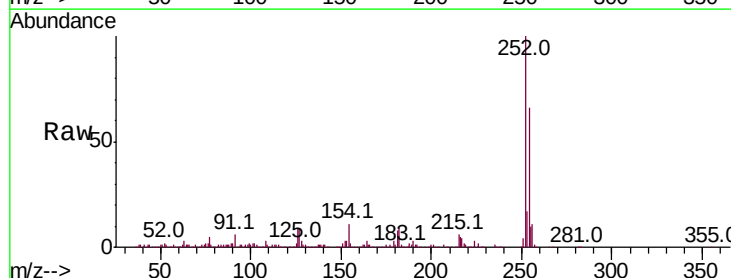


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

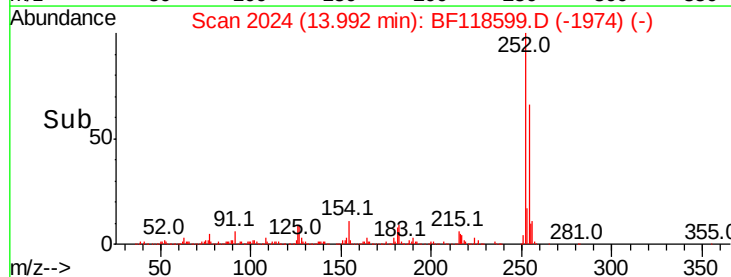
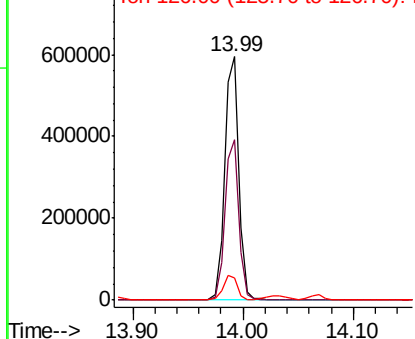


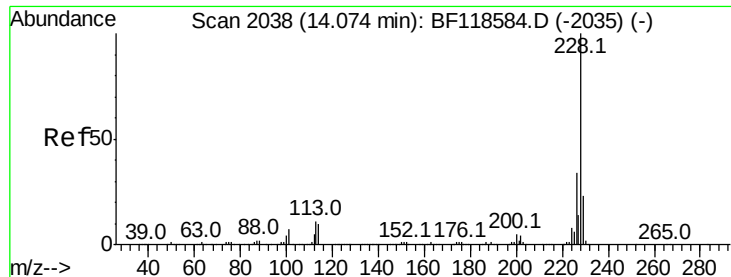
#82
3,3'-Dichlorobenzidine
Concen: 21.568 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF118599.D
Acq: 20 Jan 2020 19:00

Tgt Ion:252 Resp: 531904
Ion Ratio Lower Upper
252 100
254 65.9 53.4 80.2
126 8.9 8.0 12.0



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: 42.438 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

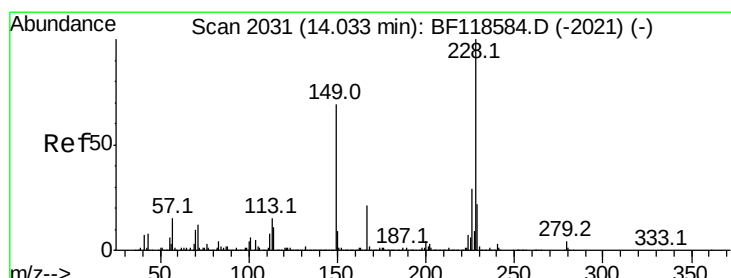
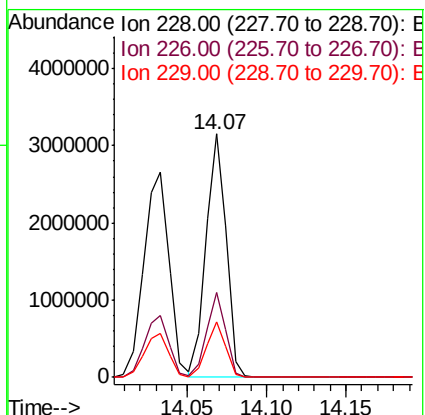
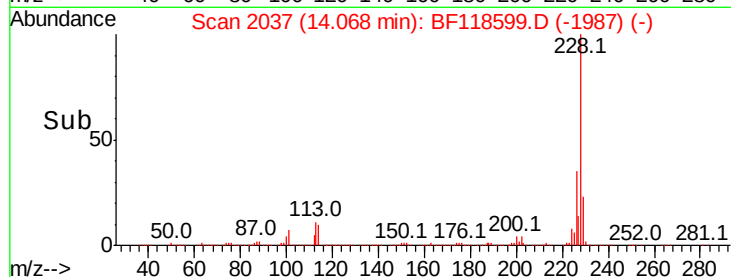
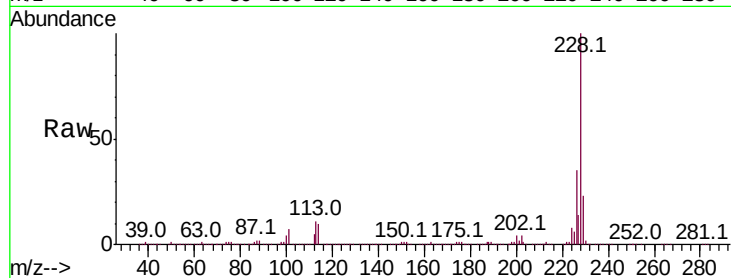
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 2815001

Ion	Ratio	Lower	Upper
228	100		
226	34.8	27.4	41.0
229	22.6	18.3	27.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.426 ng

RT: 14.03 min Scan# 2030

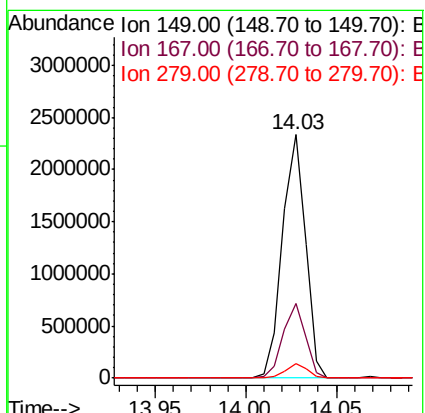
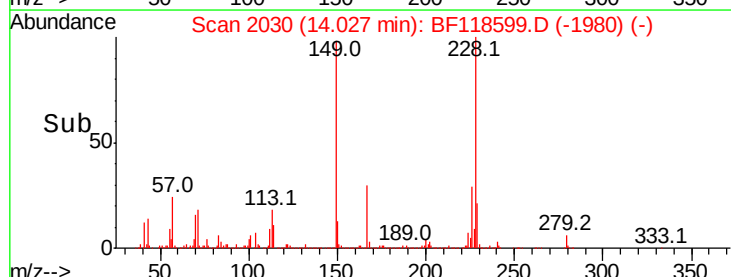
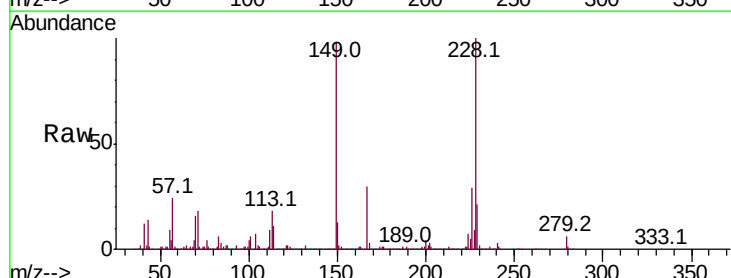
Delta R.T. -0.01 min

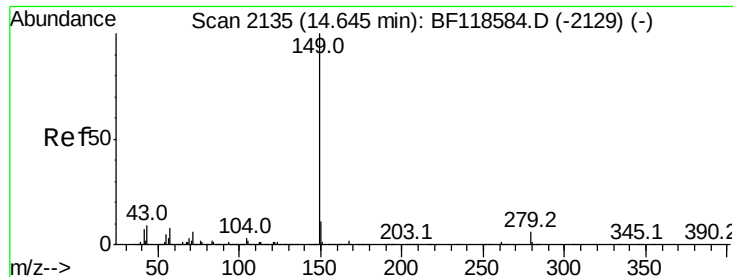
Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

Tgt Ion:149 Resp: 2086584

Ion	Ratio	Lower	Upper
149	100		
167	30.6	24.2	36.4
279	5.8	5.0	7.4





#85

Di-n-octyl phthalate

Concen: 53.443 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

Instrument :

BNA_F

ClientSampleId :

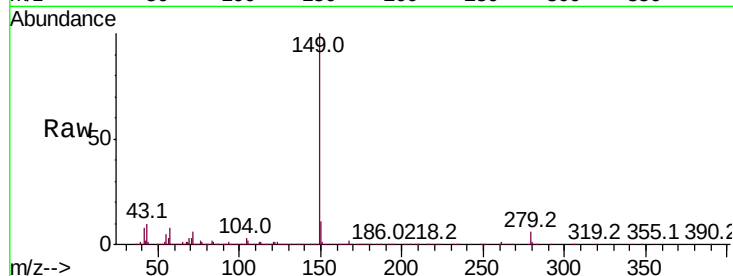
Tot Ion:149 Resp: 3089518

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

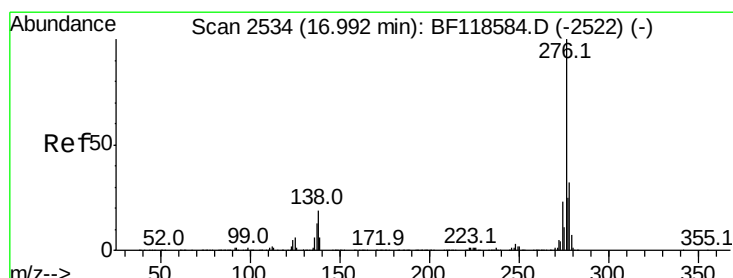
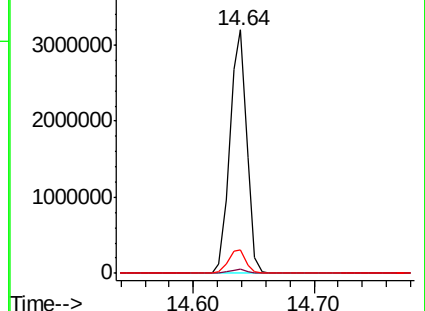
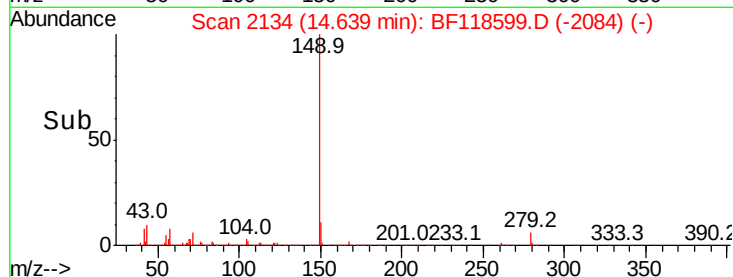
43 10.0 8.1 12.1



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: 59.134 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.00 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

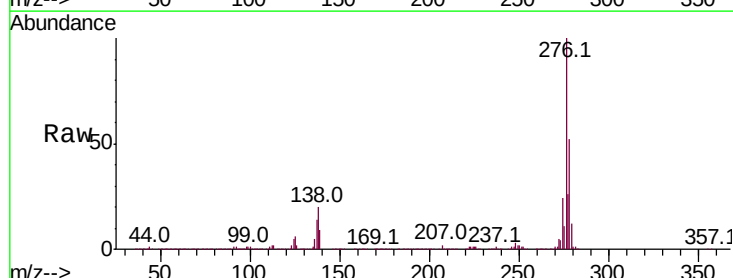
Tgt Ion:276 Resp: 3408201

Ion Ratio Lower Upper

276 100

138 21.6 17.2 25.8

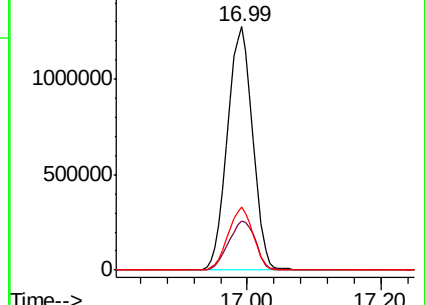
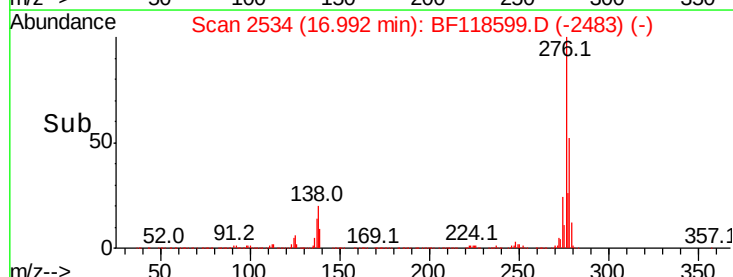
277 25.7 20.5 30.7

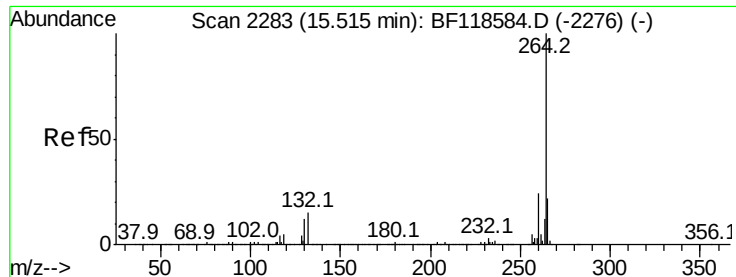


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

Instrument :

BNA_F

ClientSampleId :

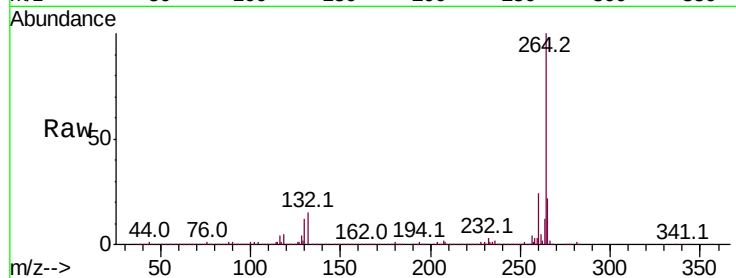
Tot Ion:264 Resp: 1175739

Ion Ratio Lower Upper

264 100

260 24.3 19.6 29.4

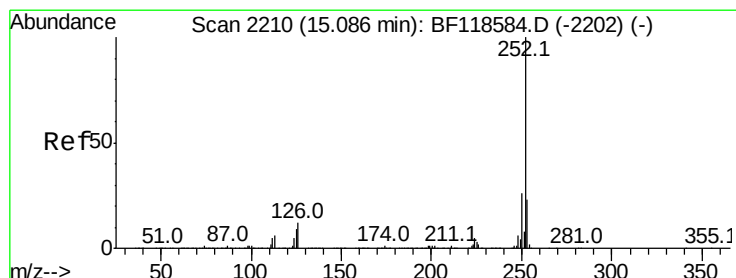
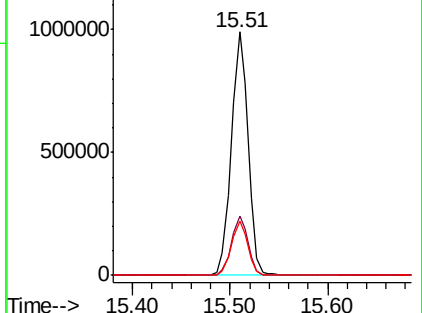
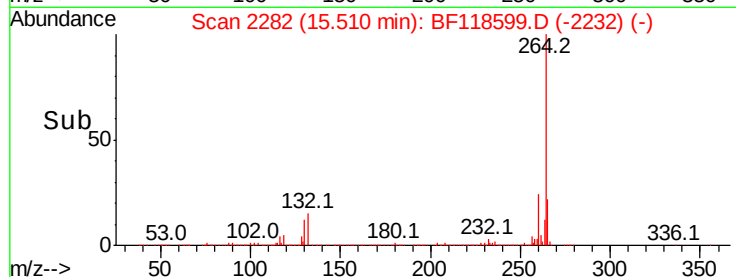
265 22.4 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.441 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

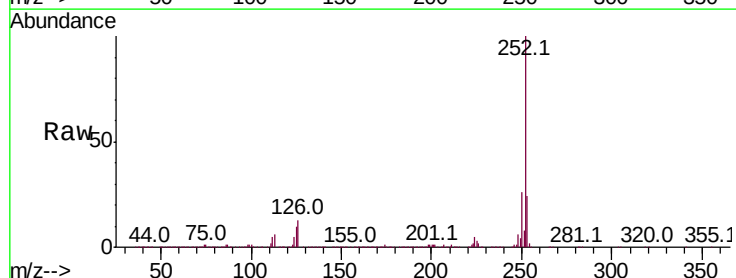
Tgt Ion:252 Resp: 2840940

Ion Ratio Lower Upper

252 100

253 23.7 18.7 28.1

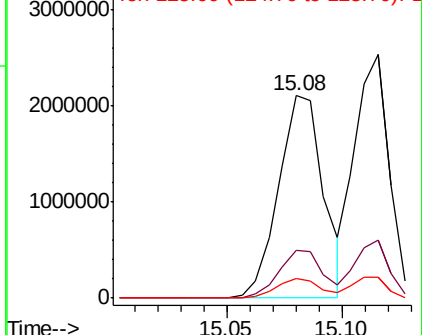
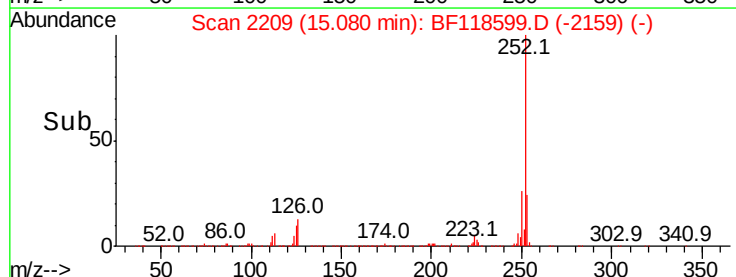
125 9.9 7.3 10.9

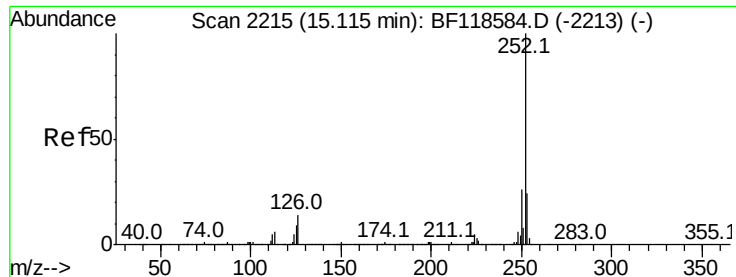


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

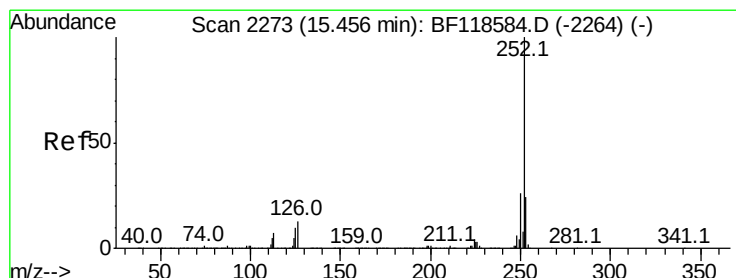
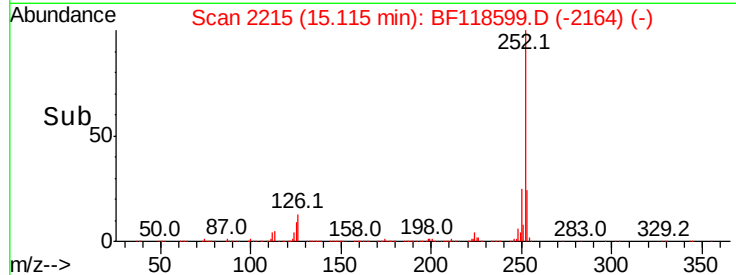
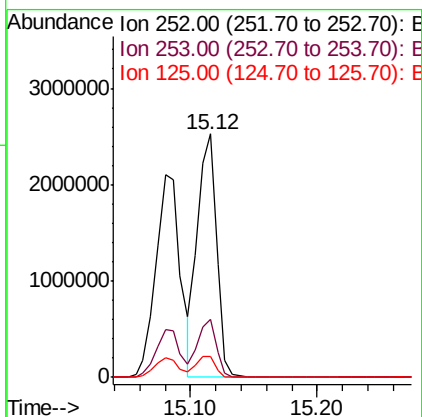
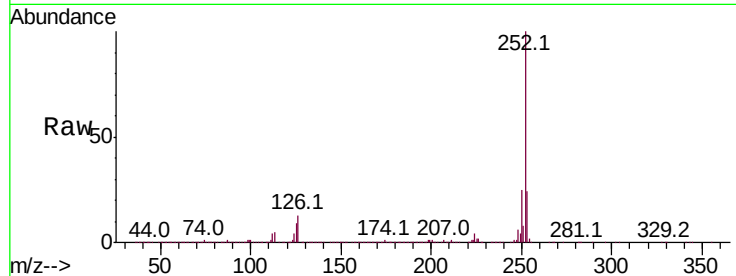




#89
Benzo(k)fluoranthene
Concen: 38.349 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF118599.D
Acq: 20 Jan 2020 19:00

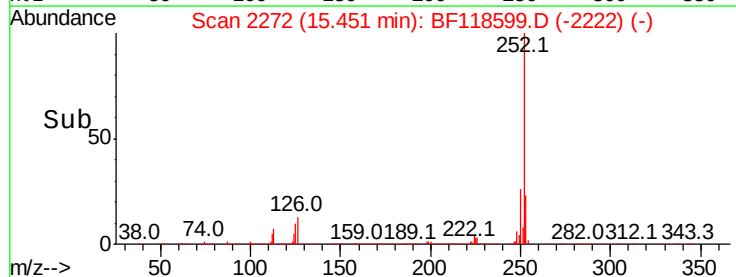
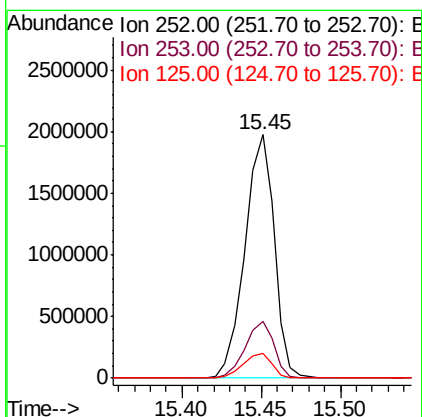
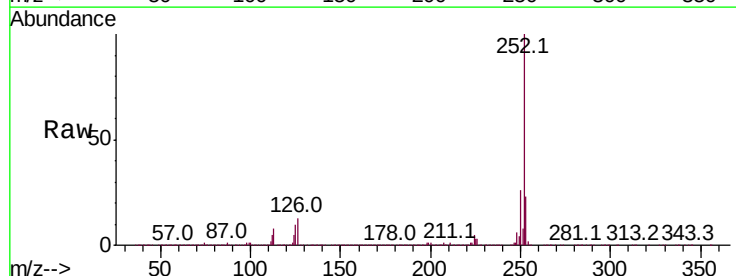
Instrument :
BNA_F
ClientSampleId :

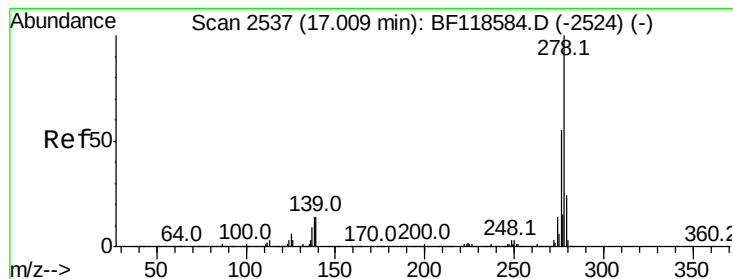
Tot Ion:252 Resp: 2625671
Ion Ratio Lower Upper
252 100
253 23.8 19.0 28.4
125 8.8 7.6 11.4



#90
Benzo(a)pyrene
Concen: 39.863 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF118599.D
Acq: 20 Jan 2020 19:00

Tgt Ion:252 Resp: 2541326
Ion Ratio Lower Upper
252 100
253 23.4 18.8 28.2
125 10.0 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 50.238 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.00 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

Instrument :

BNA_F

ClientSampleId :

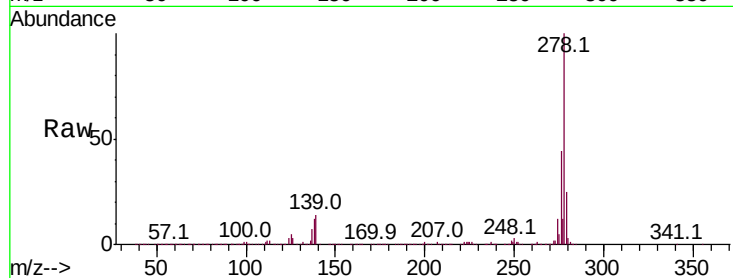
Tot Ion:278 Resp: 2833048

Ion	Ratio	Lower	Upper
278	100		
139	14.0	11.4	17.0
279	25.2	19.0	28.6

278 100

139 14.0 11.4 17.0

279 25.2 19.0 28.6

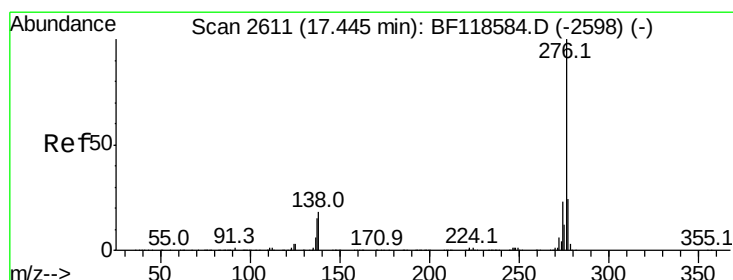
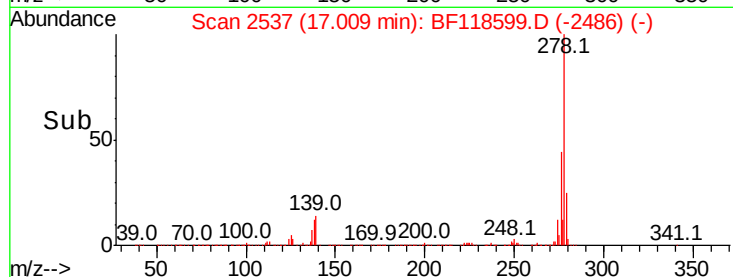
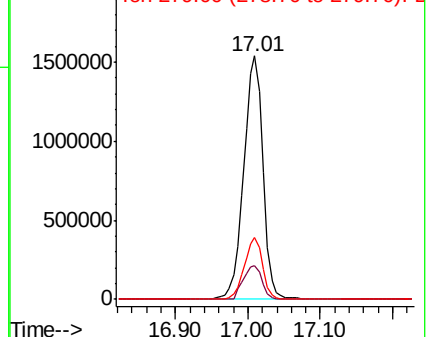


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.421 ng

RT: 17.44 min Scan# 2610

Delta R.T. -0.01 min

Lab File: BF118599.D

Acq: 20 Jan 2020 19:00

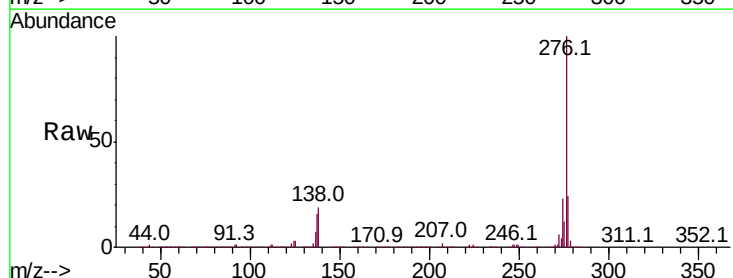
Tgt Ion:276 Resp: 2815503

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.9	28.3
138	19.4	14.4	21.6

276 100

277 24.3 18.9 28.3

138 19.4 14.4 21.6



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

