

Data File : BF118574.D
Acq On : 17 Jan 2020 22:46
Operator : JU
Sample : L1126-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE-CHARACTERIZATION

Quant Time: Jan 18 01:09:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 15:49:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	331210	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1204943	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	656180	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1219684	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	1042011	20.00	ng	0.00
87) Perylene-d12	15.52	264	1078939	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	2498431	139.38	ng	0.01
7) Phenol-d6	6.52	99	3049441	129.83	ng	0.00
23) Nitrobenzene-d5	7.45	82	2051791	105.17	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	1098650	151.46	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	3832347	105.44	ng	0.00
79) Terphenyl-d14	13.00	244	4747231	89.97	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.71	88	187	0.022	ng	# 23
3) Pyridine	3.59	79	13072	0.550	ng	# 81
4) n-Nitrosodimethylamine	3.39	42	352	0.032	ng	# 1
6) Aniline	6.55	93	1195	0.039	ng	# 94
8) 2-Chlorophenol	6.67	128	961	0.047	ng	# 1
9) Benzaldehyde	6.42	77	2280	0.190	ng	# 1
10) Phenol	6.52	94	25160	0.976	ng	# 68
11) bis(2-Chloroethyl)ether	6.66	93	4328	0.210	ng	# 1
12) 1,3-Dichlorobenzene	6.90	146	424	0.017	ng	# 70
13) 1,4-Dichlorobenzene	6.90	146	424	0.017	ng	# 70
14) 1,2-Dichlorobenzene	6.90	146	424	0.019	ng	# 69
15) Benzyl Alcohol	7.05	79	39240	2.036	ng	# 46
16) 2,2'-oxybis(1-Chloropropan	7.19	45	791	0.026	ng	# 65
17) 2-Methylphenol	7.05	107	443	0.026	ng	# 1
18) Hexachloroethane	7.43	117	587	0.066	ng	# 1
19) n-Nitroso-di-n-propylamine	7.45	70	295066	17.518	ng	# 77
20) 3+4-Methylphenols	7.05	107	443	0.021	ng	# 1
22) Acetophenone	7.29	105	3750	0.128	ng	# 81
24) Nitrobenzene	7.45	77	7665	0.369	ng	# 27
25) Isophorone	7.45	82	2042038	48.227	ng	# 63
26) 2-Nitrophenol	7.90	139	160	6.221	ng	# 32
27) 2,4-Dimethylphenol	7.83	122	139	0.008	ng	# 4
28) bis(2-Chloroethoxy)methane	7.77	93	434	0.016	ng	# 48
31) Naphthalene	8.19	128	38727	0.682	ng	# 95
32) Benzoic acid	7.83	122	139	7.864	ng	# 69
33) 4-Chloroaniline	8.23	127	1315	0.050	ng	# 81
35) Caprolactam	8.55	113	158	0.027	ng	# 47
37) 2-Methylnaphthalene	8.88	142	13529	0.336	ng	# 93
38) 1-Methylnaphthalene	8.98	142	9503	0.250	ng	# 95
46) 1,1'-Biphenyl	9.35	154	11288	0.241	ng	# 96
47) 2-Chloronaphthalene	9.63	162	644	0.016	ng	# 1
48) 2-Nitroaniline	9.63	65	1294	0.126	ng	# 1
49) Acenaphthylene	9.78	152	784	0.014	ng	# 57
50) Dimethylphthalate	9.63	163	120055	2.665	ng	# 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) 2,6-Dinitrotoluene	9.92	165	86752	10.092	ng	# 26
52) Acenaphthene	9.96	154	4509	0.123	ng	92
55) Dibenzofuran	10.13	168	2120	0.041	ng	95
56) 4-Nitrophenol	10.13	139	762	0.106	ng	# 4
57) 2,4-Dinitrotoluene	9.92	165	86752	11.892	ng	# 22
58) Fluorene	10.47	166	2858	0.071	ng	# 92
60) Diethylphthalate	10.34	149	2011	0.046	ng	# 80
61) 4-Chlorophenyl-phenylether	10.46	204	122	0.006	ng	# 30
63) Azobenzene	10.62	77	1337	0.031	ng	# 38
65) 4,6-Dinitro-2-methylphenol	10.70	198	2517	10.130	ng	# 1
66) n-Nitrosodiphenylamine	10.71	169	29515	0.753	ng	# 44
67) 4-Bromophenyl-phenylether	10.71	248	70038	4.290	ng	# 1
71) Phenanthrene	11.43	178	9215	0.150	ng	# 92
72) Anthracene	11.43	178	9215	0.151	ng	93
73) Carbazole	11.62	167	1008	0.018	ng	# 56
74) Di-n-butylphthalate	11.97	149	6004	0.088	ng	# 94
75) Fluoranthene	12.62	202	3232	0.049	ng	94
77) Benzidine	13.00	184	69481	2.744	ng	# 94
78) Pyrene	12.62	202	3232	0.042	ng	99
80) Butylbenzylphthalate	13.46	149	649	0.019	ng	# 59
81) Benzo(a)anthracene	14.04	228	4117	0.063	ng	# 70
82) 3,3'-Dichlorobenzidine	13.99	252	238	0.010	ng	# 25
83) Chrysene	14.04	228	4117	0.065	ng	# 66
84) Bis(2-ethylhexyl)phthalate	14.03	149	5991	0.145	ng	# 97
85) Di-n-octyl phthalate	14.62	149	1531	0.024	ng	# 1
88) Benzo(b)fluoranthene	15.09	252	995	0.014	ng	# 35
89) Benzo(k)fluoranthene	15.10	252	818	0.013	ng	# 56
90) Benzo(a)pyrene	15.44	252	608	0.010	ng	# 59
92) Benzo(g,h,i)perylene	17.42	276	141	0.003	ng	# 55

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

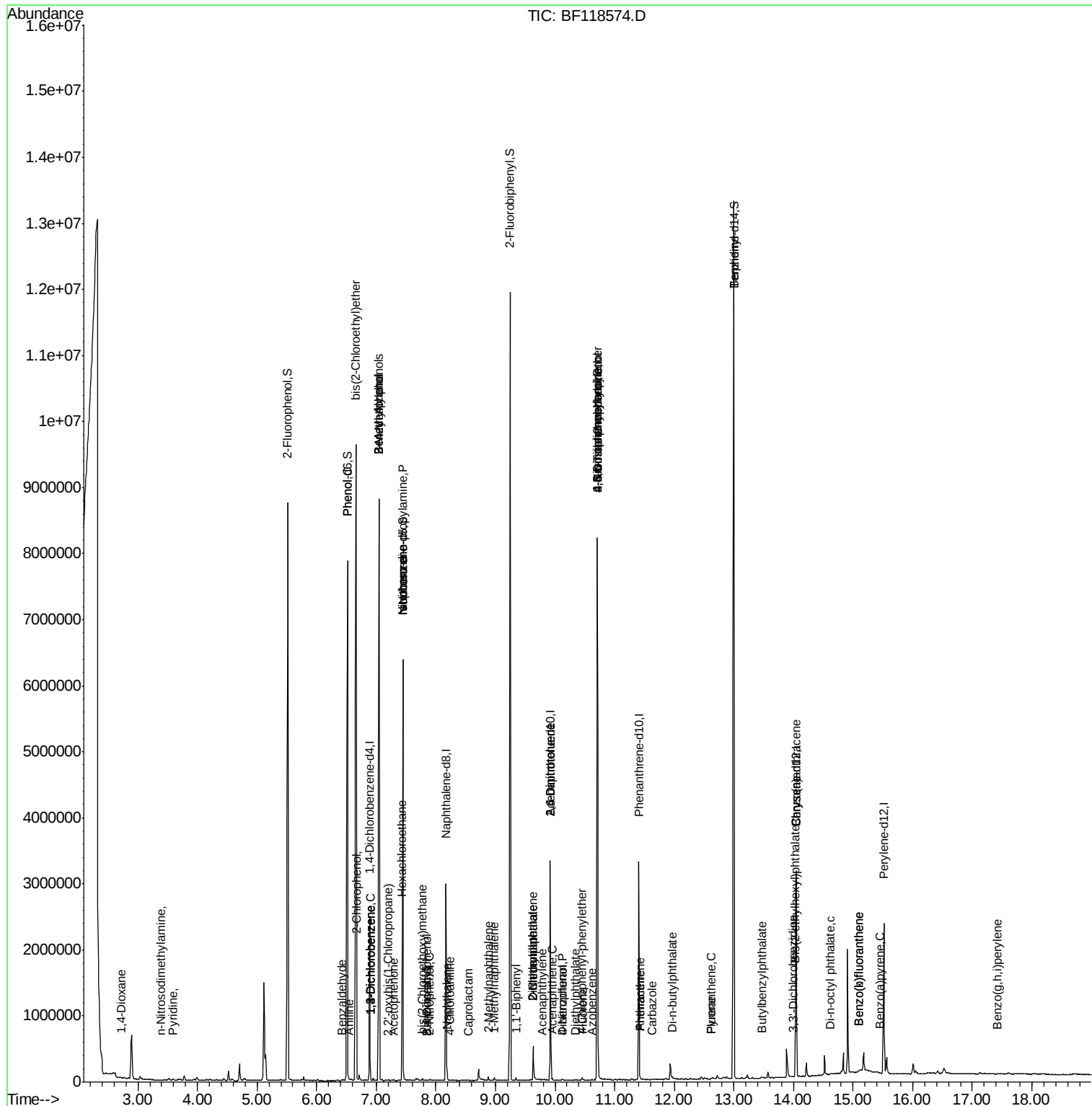
Data File : BF118574.D

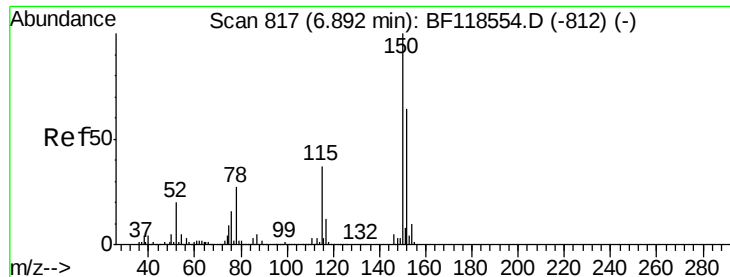
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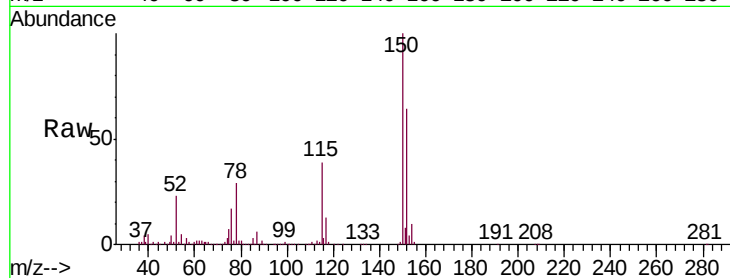


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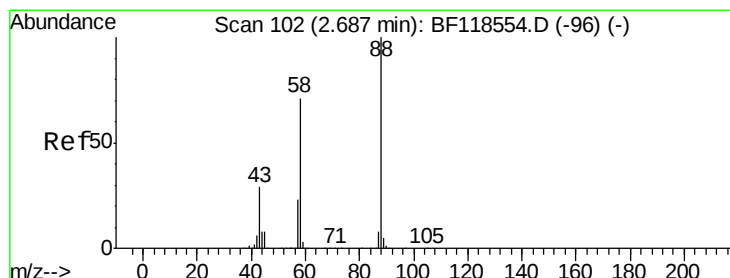
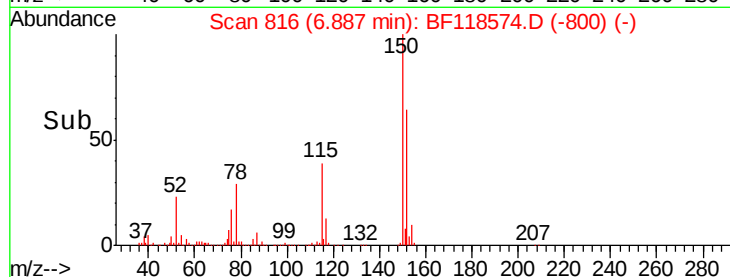
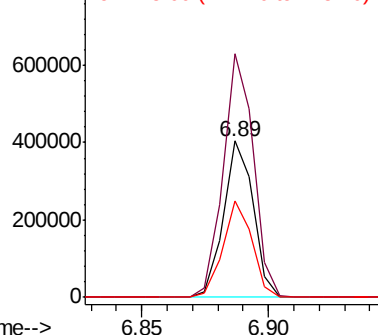
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF118574.D
Acq: 17 Jan 2020 22:46

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BNA_F
ClientSampleId :
WASTE-CHARACTERIZATION

Tgt Ion:152 Resp: 331210
Ion Ratio Lower Upper
152 100
150 155.6 124.9 187.3
115 61.4 45.8 68.6



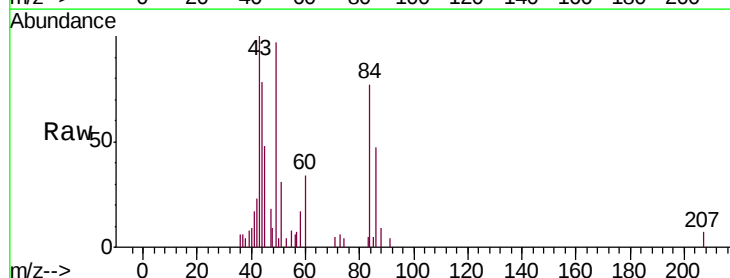
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



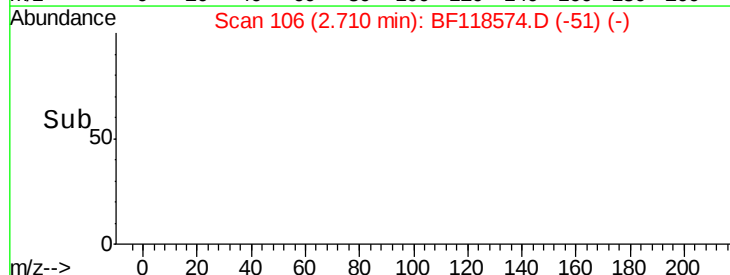
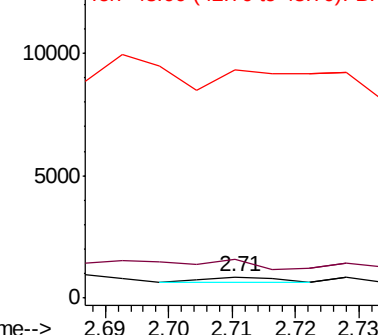
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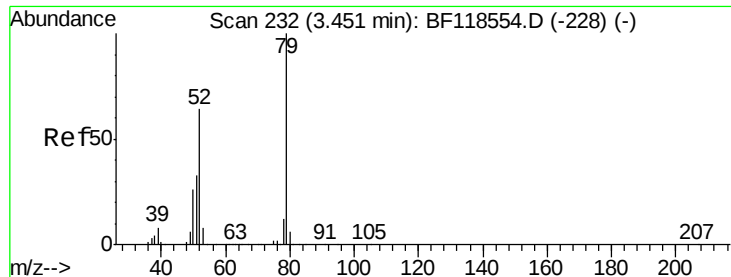
1,4-Dioxane
Concen: 0.022 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.02 min
Lab File: BF118574.D
Acq: 17 Jan 2020 22:46

Tgt Ion: 88 Resp: 187
Ion Ratio Lower Upper
88 100
58 0.0 56.7 85.1#
43 0.0 23.3 34.9#



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

Pyridine

Concen: 0.550 ng

RT: 3.59 min Scan# 256

Delta R.T. 0.14 min

Lab File: BF118574.D

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Instrument :

BNA_F

ClientSampleId :

WASTE-CHARACTERIZATION

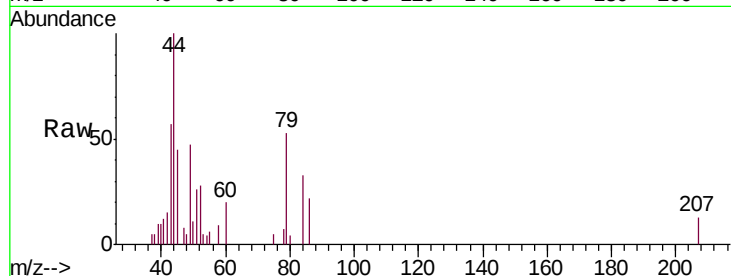
Tgt Ion: 79 Resp: 13072

Ion Ratio Lower Upper

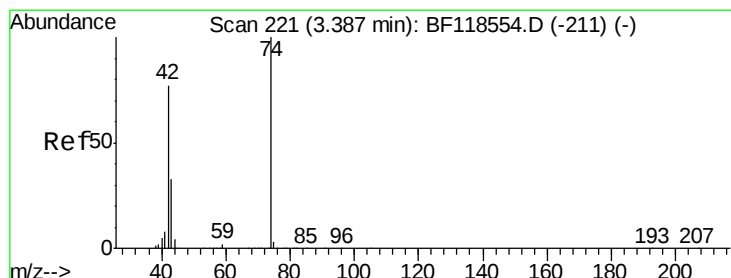
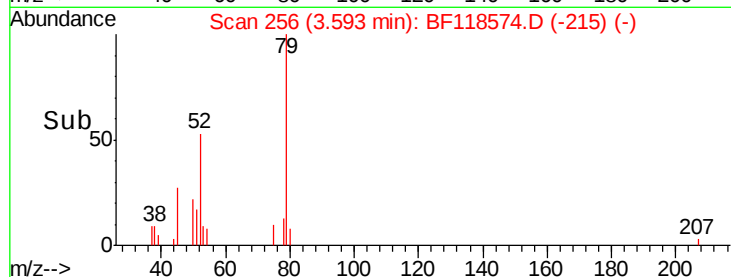
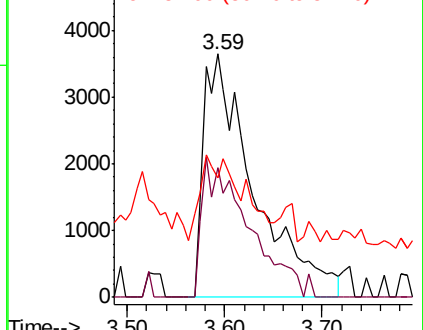
79 100

52 53.2 51.3 76.9

51 49.3 26.7 40.1#



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: 0.032 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.00 min

Lab File: BF118574.D

Acq: 17 Jan 2020 22:46

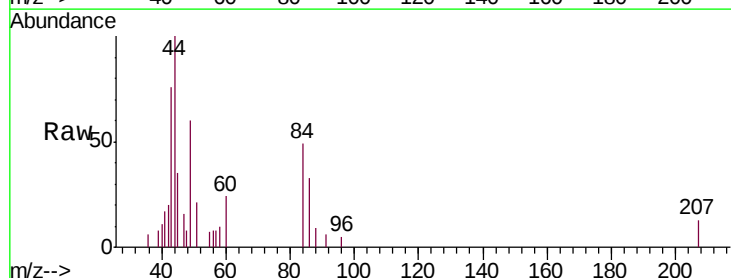
Tgt Ion: 42 Resp: 352

Ion Ratio Lower Upper

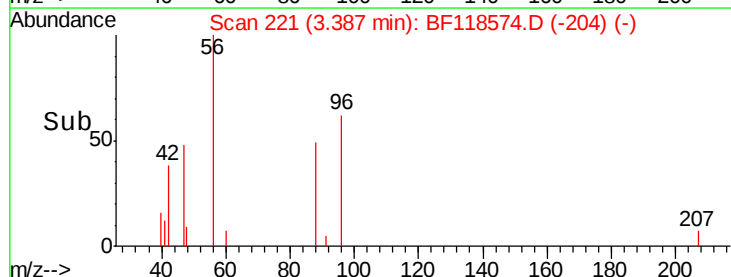
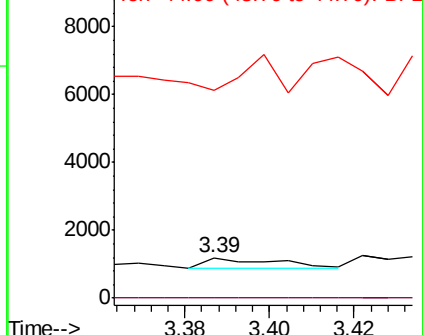
42 100

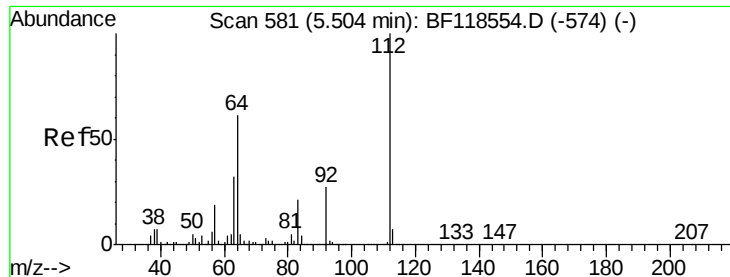
74 0.0 103.1 154.7#

44 510.7 5.4 8.2#



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: 139.380 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF118574.D

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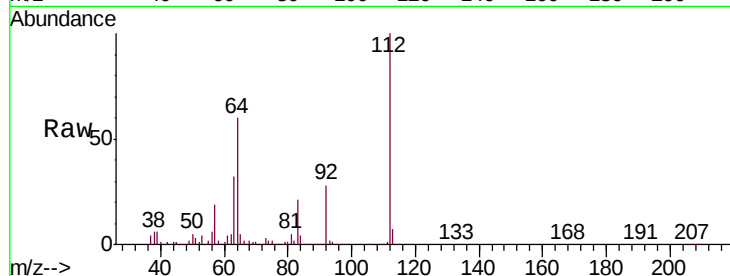
Tgt Ion:112 Resp: 2498431

Ion Ratio Lower Upper

112 100

64 60.1 49.1 73.7

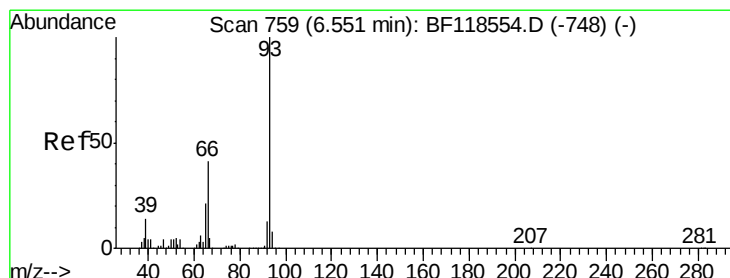
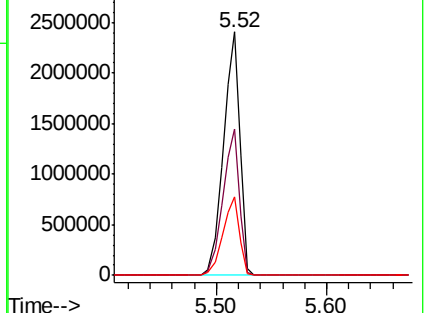
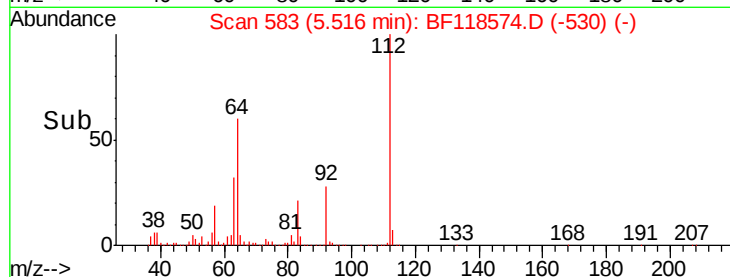
63 32.0 25.8 38.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.039 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF118574.D

Acq: 17 Jan 2020 22:46

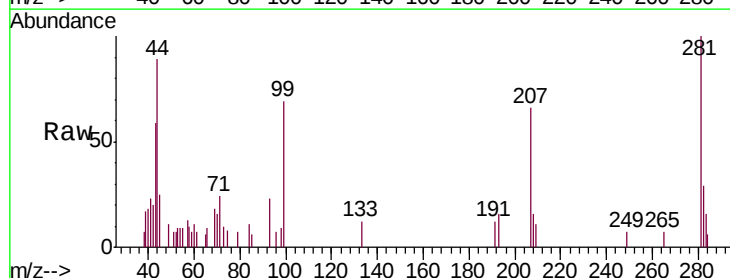
Tgt Ion: 93 Resp: 1195

Ion Ratio Lower Upper

93 100

66 39.4 32.9 49.3

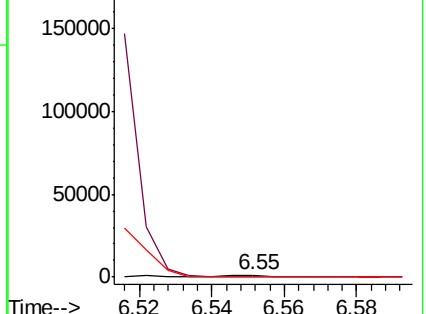
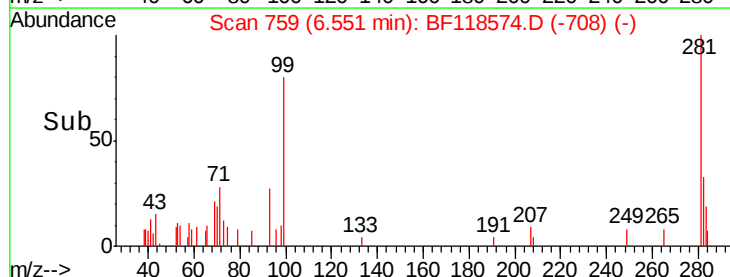
65 26.2 16.5 24.7#

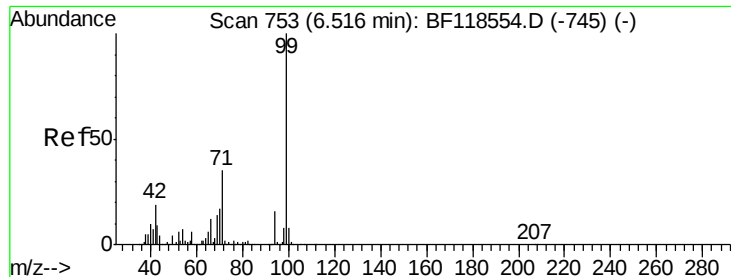


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 129.832 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

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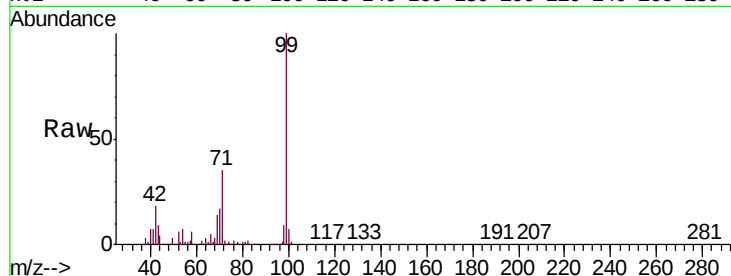
Tgt Ion: 99 Resp: 3049441

Ion Ratio Lower Upper

99 100

42 17.8 14.9 22.3

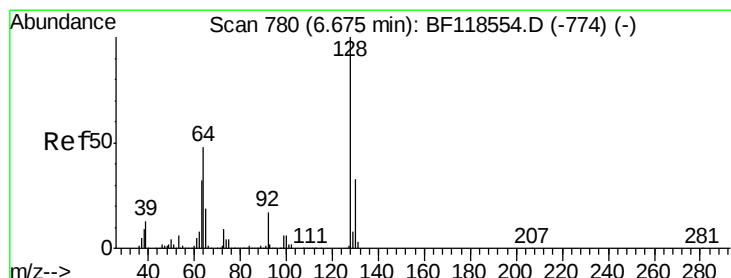
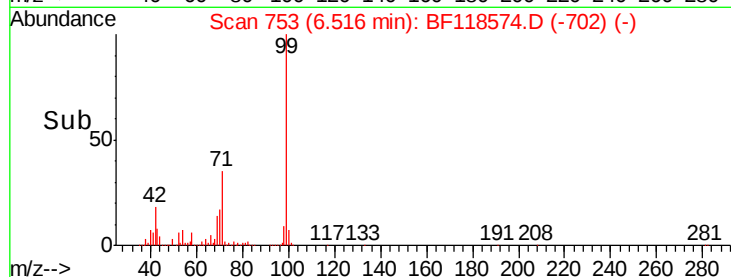
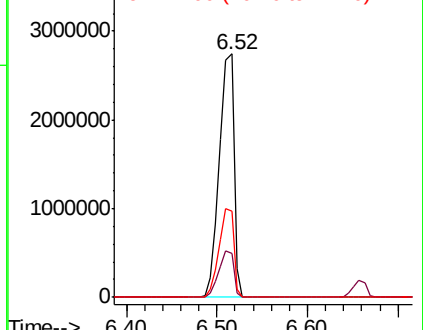
71 35.4 28.3 42.5



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 0.047 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

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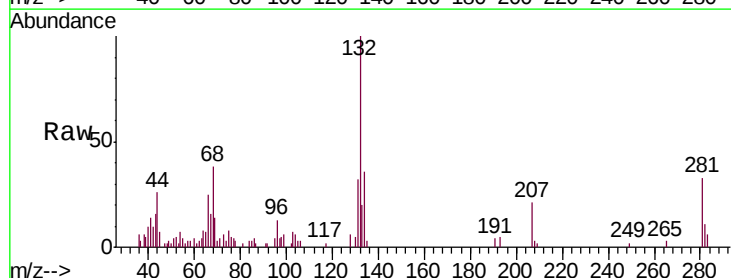
Tgt Ion: 128 Resp: 961

Ion Ratio Lower Upper

128 100

130 85.5 13.2 53.2#

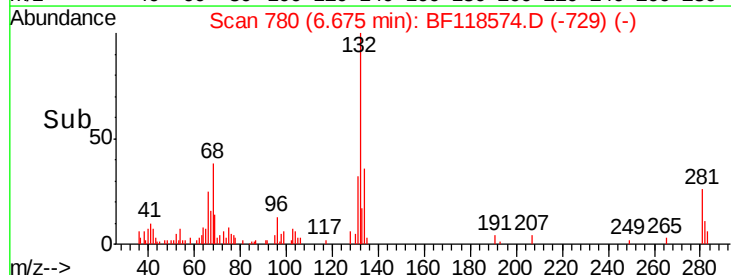
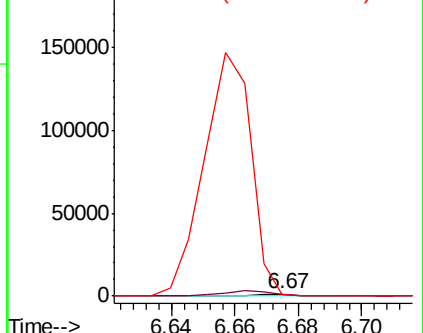
64 120.9 28.9 68.9#

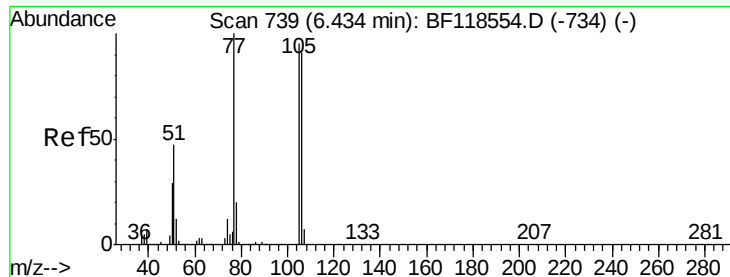


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 0.190 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

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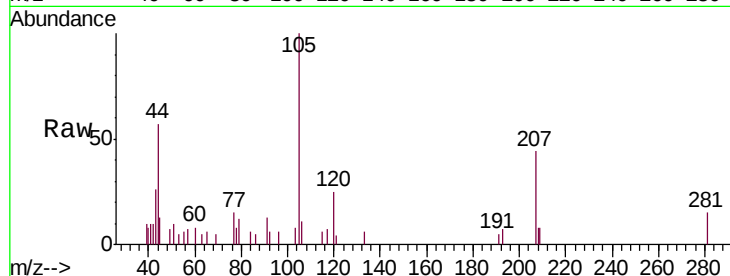
Tgt Ion: 77 Resp: 2280

Ion Ratio Lower Upper

77 100

105 657.6 75.2 115.2#

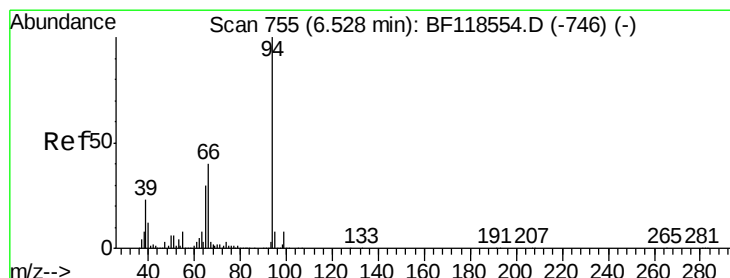
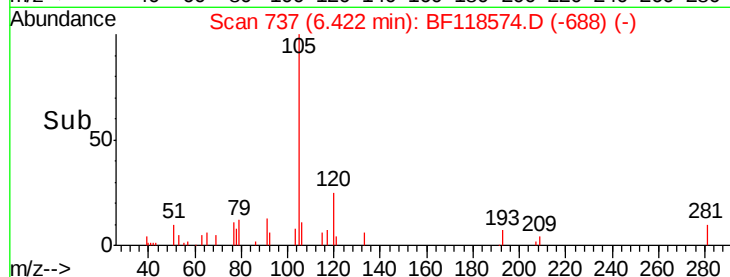
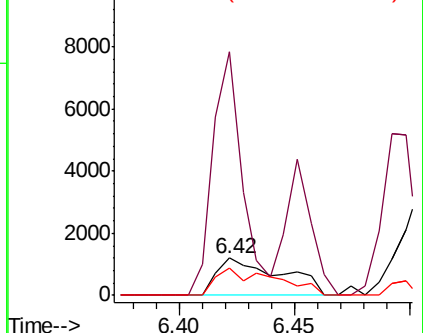
106 72.3 71.4 111.4



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: 0.976 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

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Acq: 17 Jan 2020 22:46

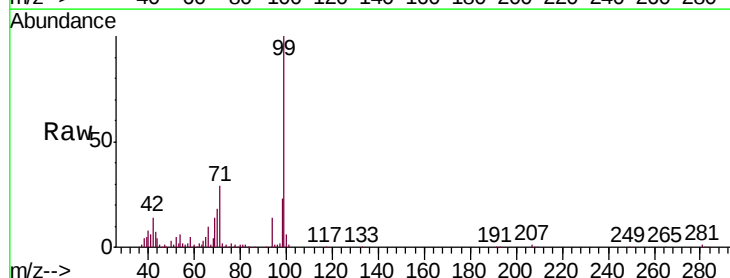
Tgt Ion: 94 Resp: 25160

Ion Ratio Lower Upper

94 100

65 36.7 9.8 49.8

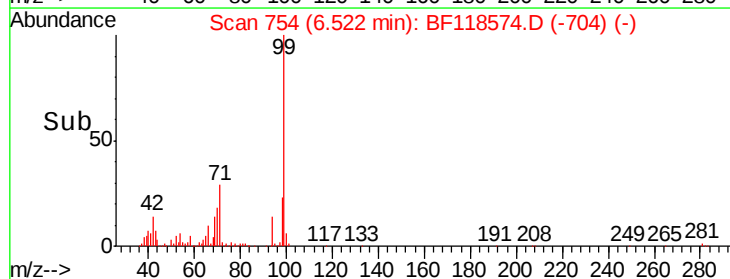
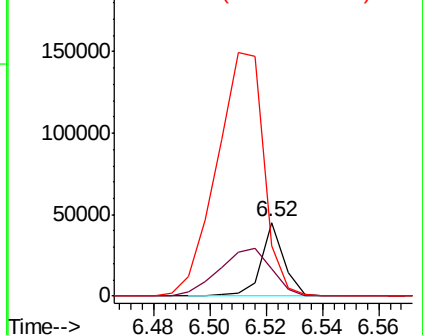
66 67.7 19.5 59.5#

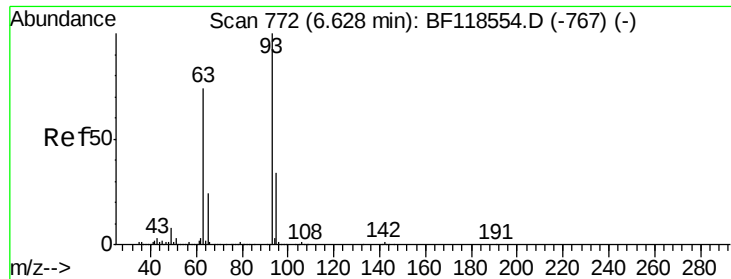


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

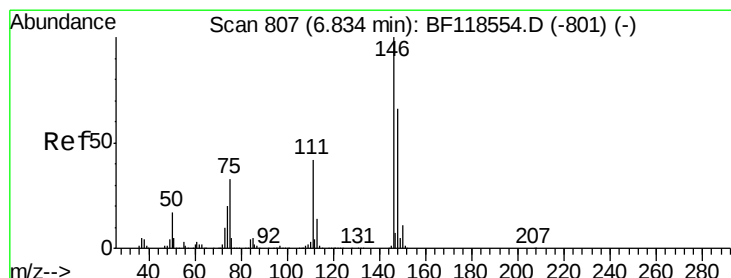
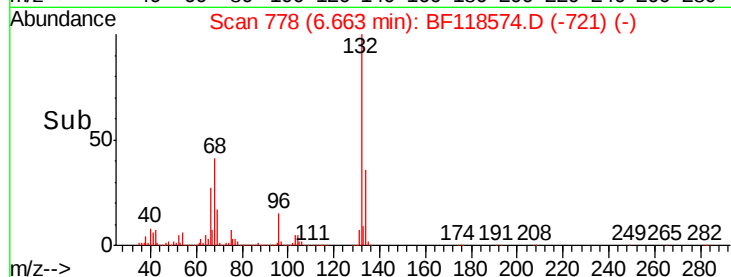
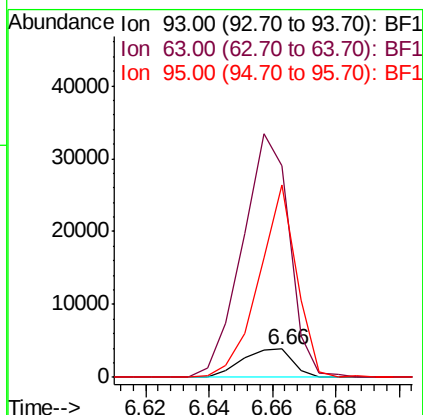
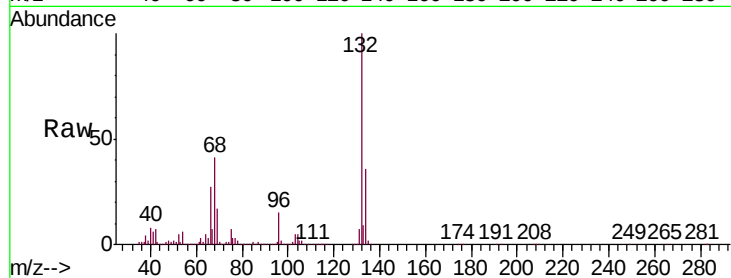




#11
 bis(2-Chloroethyl)ether
 Concen: 0.210 ng
 RT: 6.66 min Scan# 778
 Delta R.T. 0.04 min
 Lab File: BF118574.D
 Acq: 17 Jan 2020 22:46

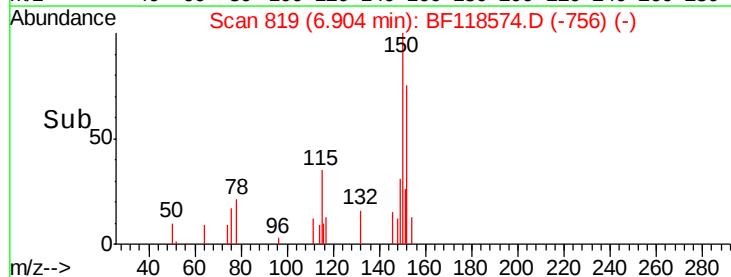
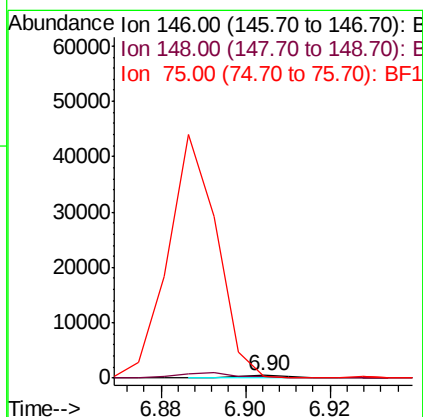
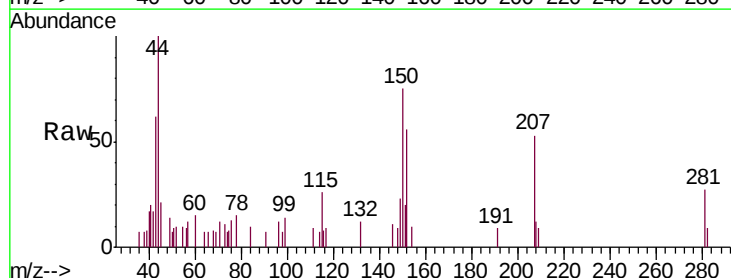
Instrument :
 BNA_F
 ClientSampleId :
 WASTE-CHARACTERIZATION

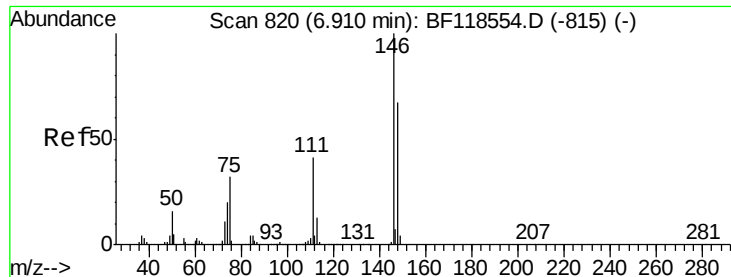
Tgt Ion: 93 Resp: 4328
 Ion Ratio Lower Upper
 93 100
 63 743.8 54.0 94.0#
 95 677.8 13.5 53.5#



#12
 1,3-Dichlorobenzene
 Concen: 0.017 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.07 min
 Lab File: BF118574.D
 Acq: 17 Jan 2020 22:46

Tgt Ion: 146 Resp: 424
 Ion Ratio Lower Upper
 146 100
 148 78.3 53.0 79.6
 75 66.8 26.5 39.7#

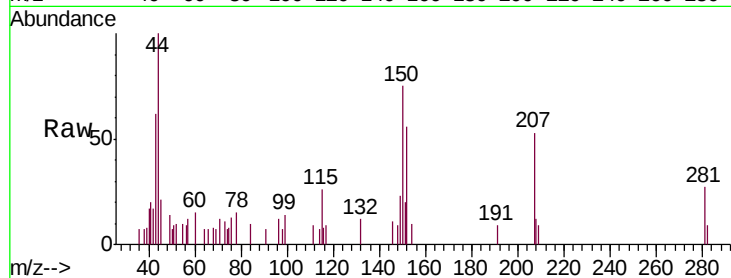




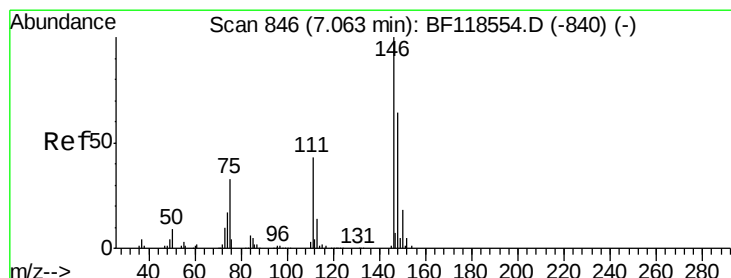
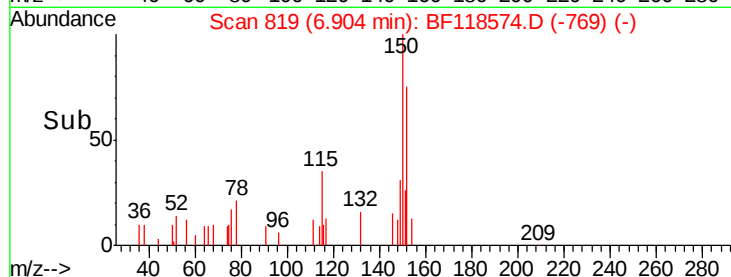
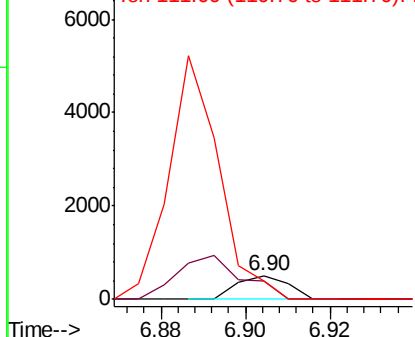
#13
 1,4-Dichlorobenzene
 Concen: 0.017 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF118574.D
 Acq: 17 Jan 2020 22:46

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-CHARACTERIZATION

Tgt Ion:146 Resp: 424
 Ion Ratio Lower Upper
 146 100
 148 78.3 53.4 80.2
 111 74.8 32.6 48.8#

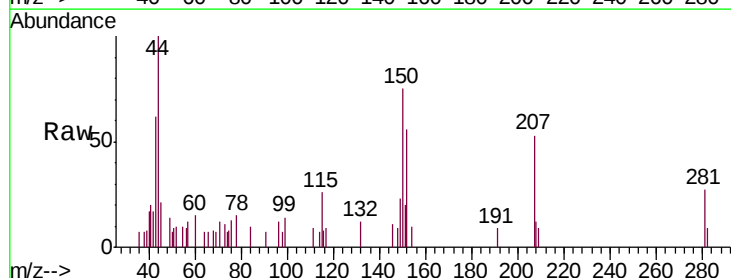


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

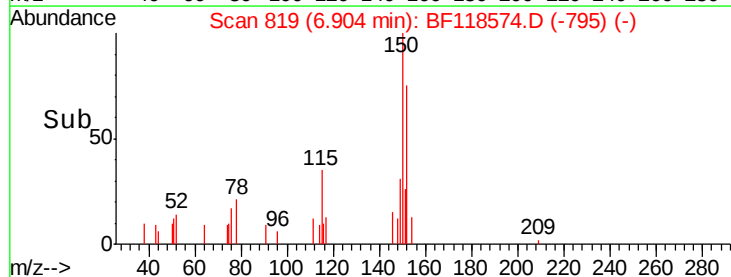
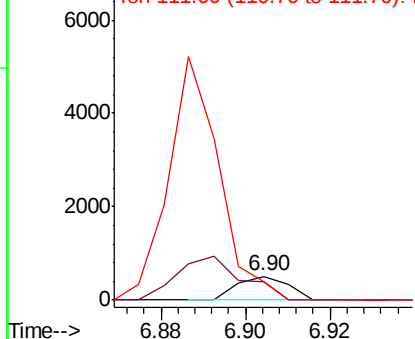


#14
 1,2-Dichlorobenzene
 Concen: 0.019 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.16 min
 Lab File: BF118574.D
 Acq: 17 Jan 2020 22:46

Tgt Ion:146 Resp: 424
 Ion Ratio Lower Upper
 146 100
 148 78.3 51.2 76.8#
 111 74.8 34.6 52.0#



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





#15

Benzyl Alcohol

Concen: 2.036 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.02 min

Lab File: BF118574.D

Acq: 17 Jan 2020 22:46

Instrument :

BNA_F

ClientSampleId :

WASTE-CHARACTERIZATION

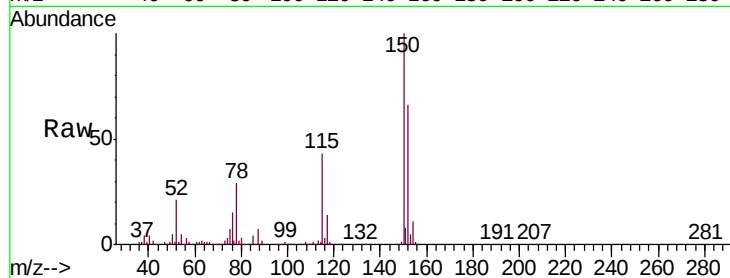
Tgt Ion: 79 Resp: 39240

Ion Ratio Lower Upper

79 100

108 36.1 61.9 92.9#

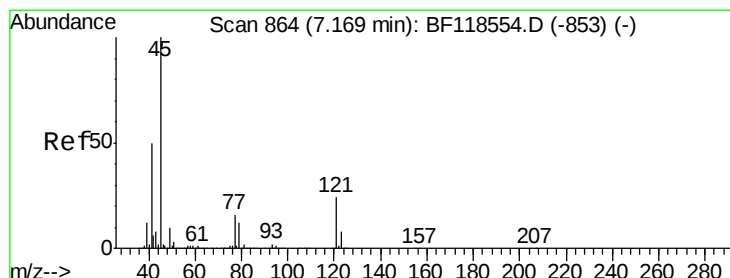
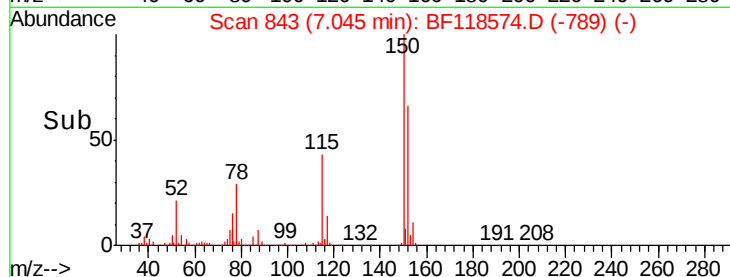
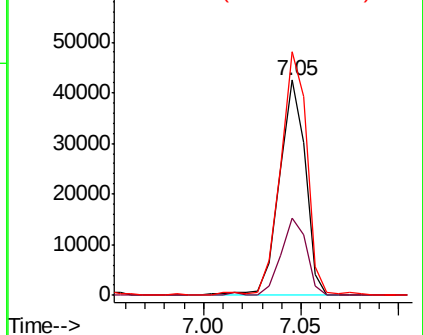
77 113.2 51.5 77.3#



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: 0.026 ng

RT: 7.19 min Scan# 867

Delta R.T. 0.02 min

Lab File: BF118574.D

Acq: 17 Jan 2020 22:46

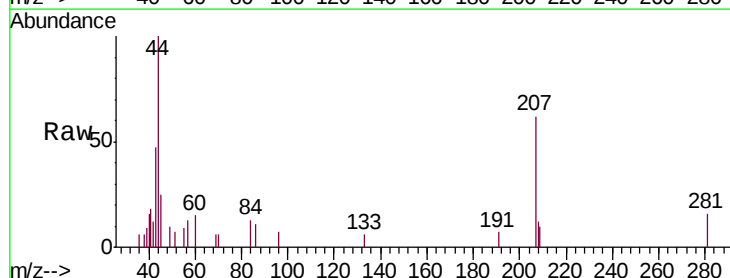
Tgt Ion: 45 Resp: 791

Ion Ratio Lower Upper

45 100

77 0.0 0.0 35.8

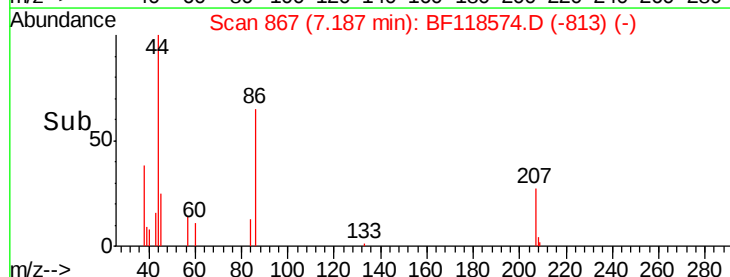
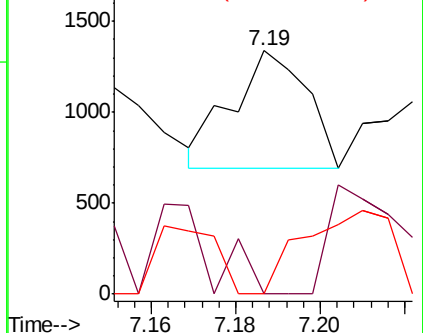
79 0.0 0.0 32.2

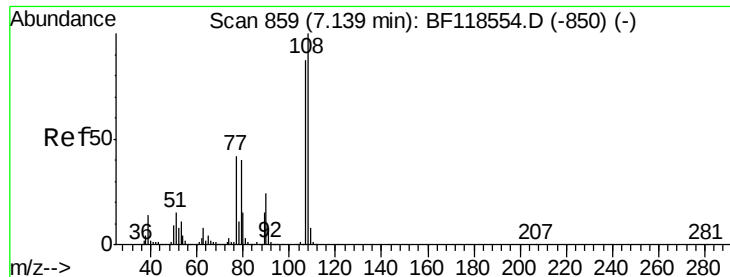


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

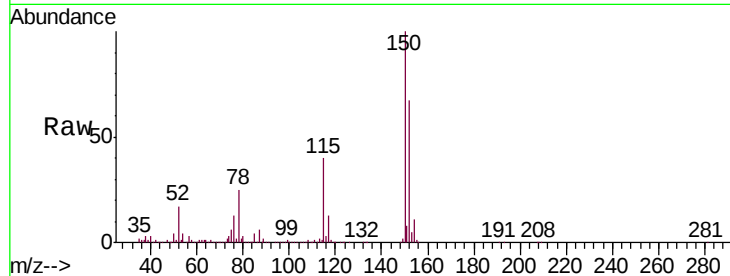




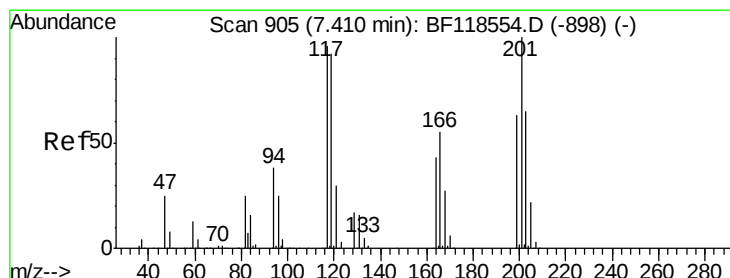
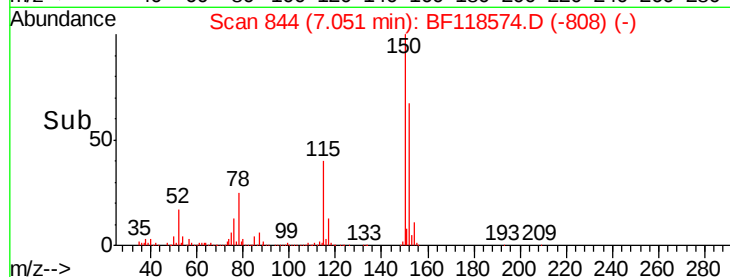
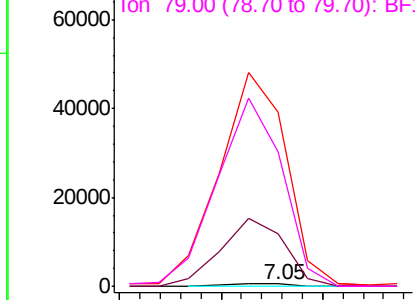
#17
2-Methylphenol
Concen: 0.026 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.09 min
Lab File: BF118574.D
Acq: 17 Jan 2020 22:46

Instrument :
BNA_F
ClientSampleId :
WASTE-CHARACTERIZATION

Tgt Ion:107 Resp: 443
Ion Ratio Lower Upper
107 100
108 2511.2 92.3 138.5#
77 8279.6 38.6 57.8#
79 6371.4 37.0 55.6#

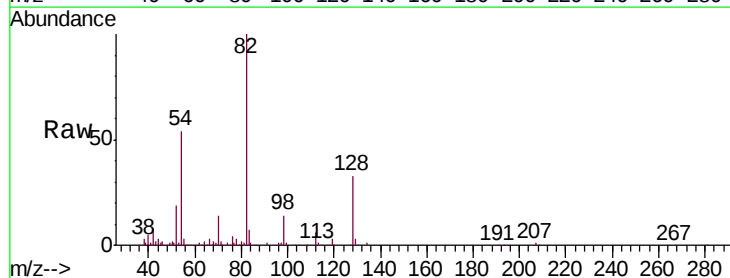


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

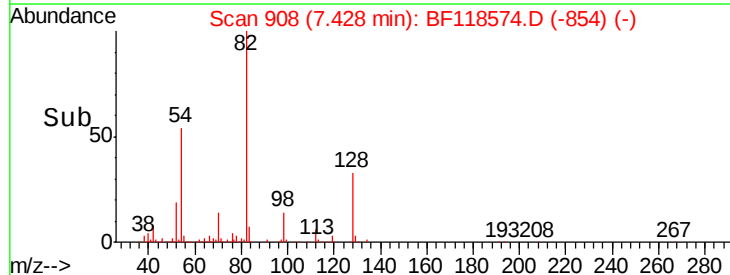
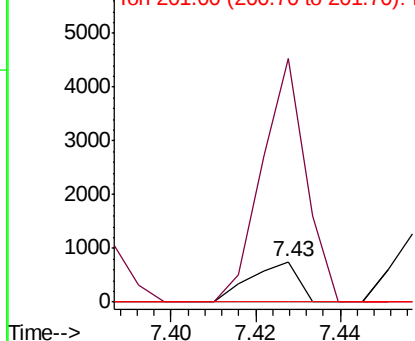


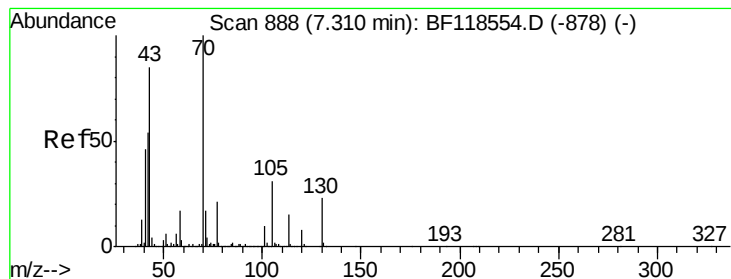
#18
Hexachloroethane
Concen: 0.066 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.02 min
Lab File: BF118574.D
Acq: 17 Jan 2020 22:46

Tgt Ion:117 Resp: 587
Ion Ratio Lower Upper
117 100
119 600.1 76.9 115.3#
201 0.0 83.6 125.4#



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





#19

n-Nitroso-di-n-propylamine

Concen: 17.518 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BF118574.D

Acq: 17 Jan 2020 22:46

Instrument :

BNA_F

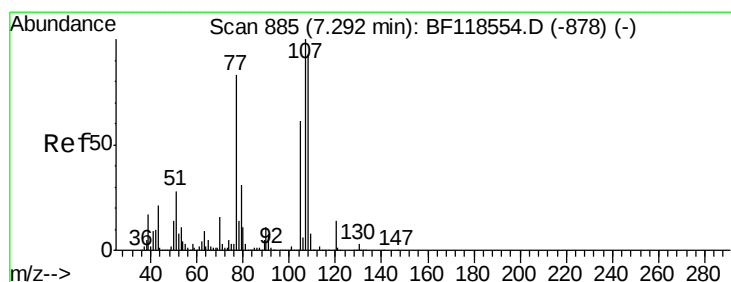
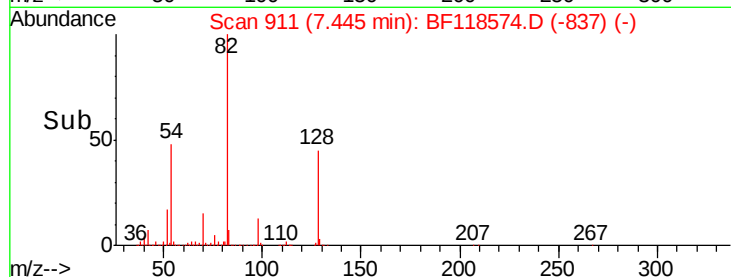
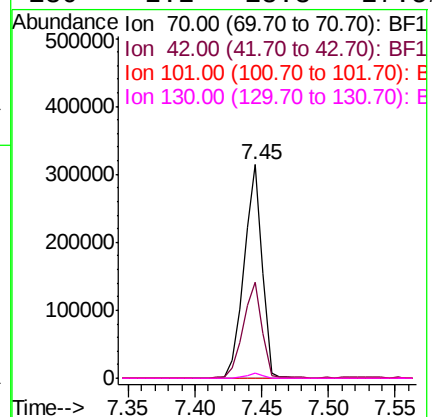
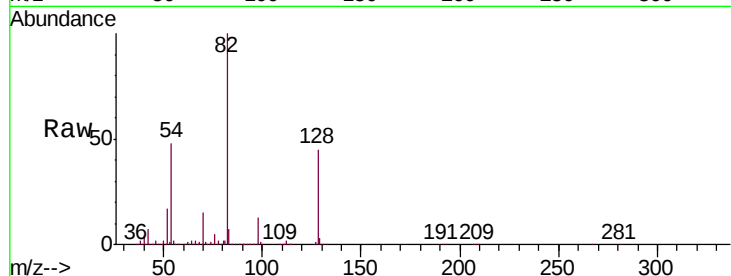
ClientSampleId :

WASTE-CHARACTERIZATION

Tgt Ion: 70 Resp: 295066

Ion Ratio Lower Upper

70	100		
42	44.9	43.6	65.4
101	0.0	7.7	11.5#
130	2.2	18.3	27.5#



#20

3+4-Methylphenols

Concen: 0.021 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.24 min

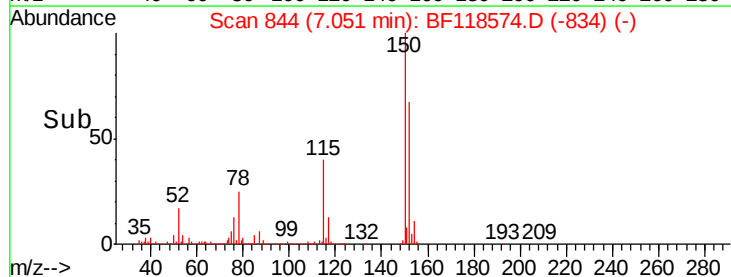
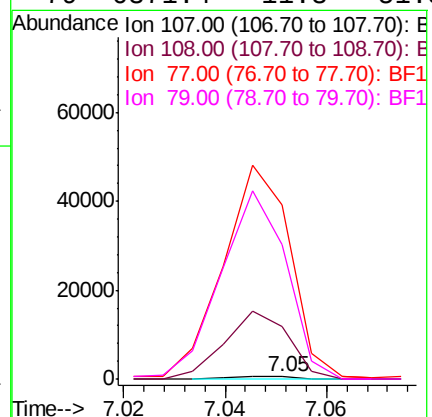
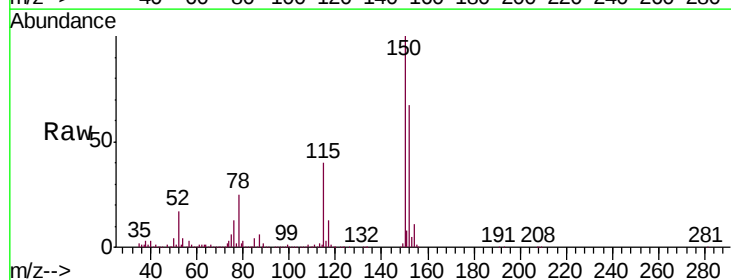
Lab File: BF118574.D

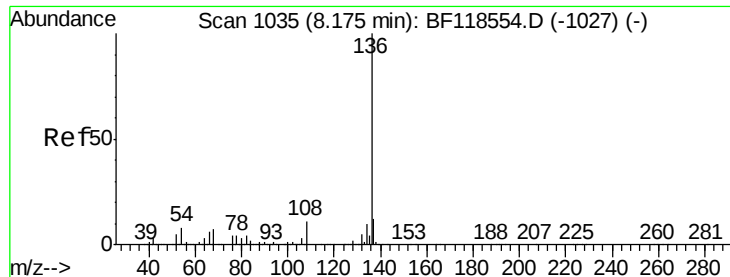
Acq: 17 Jan 2020 22:46

Tgt Ion: 107 Resp: 443

Ion Ratio Lower Upper

107	100		
108	2511.2	72.6	112.6#
77	8279.6	63.0	103.0#
79	6371.4	11.3	51.3#

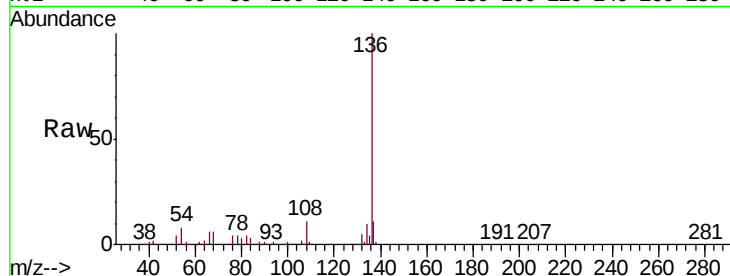




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF118574.D
Acq: 17 Jan 2020 22:46

Instrument :
BNA_F
ClientSampleId :
WASTE-CHARACTERIZATION

Tgt Ion:	136	Resp:	1204943
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.0
54	7.6	6.2	9.2
68	6.1	5.4	8.0



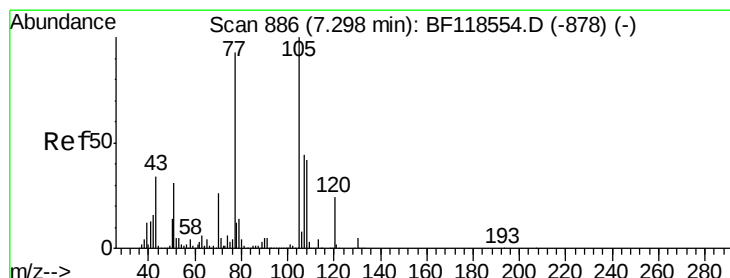
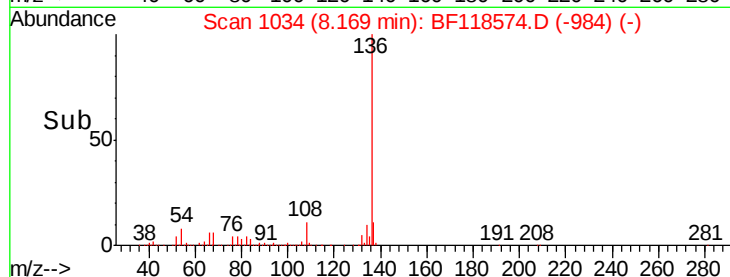
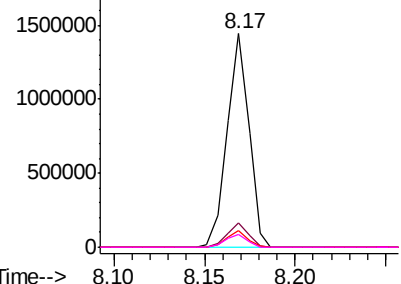
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

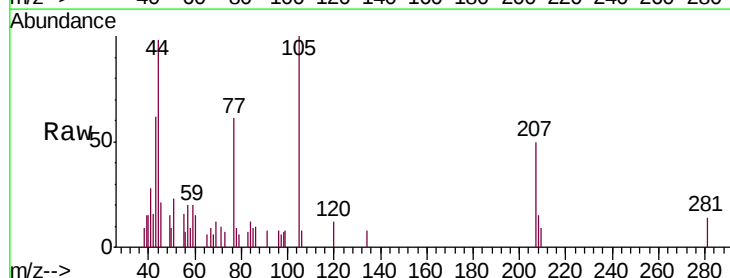
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 0.128 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118574.D
Acq: 17 Jan 2020 22:46

Tgt Ion:	105	Resp:	3750
Ion	Ratio	Lower	Upper
105	100		
71	9.6	3.8	5.6#
51	22.6	24.9	37.3#
120	11.7	19.2	28.8#



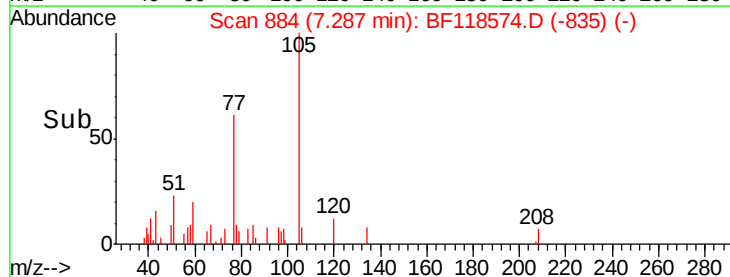
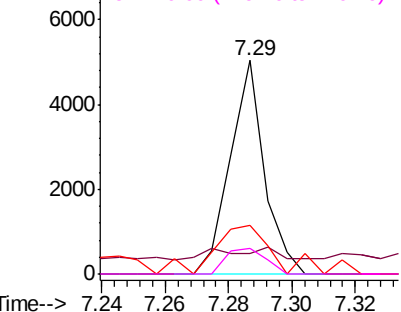
Abundance

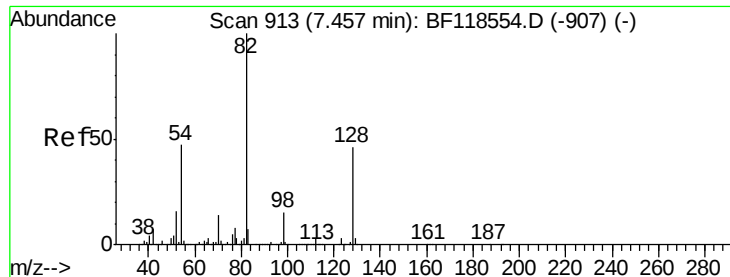
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

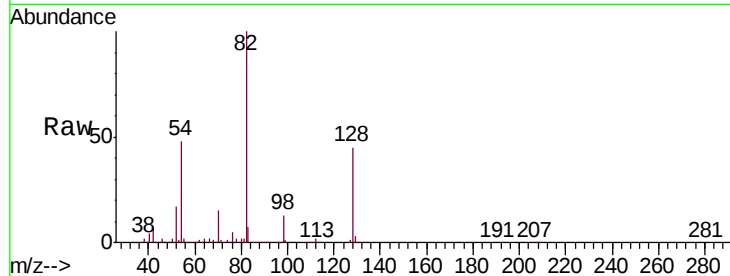




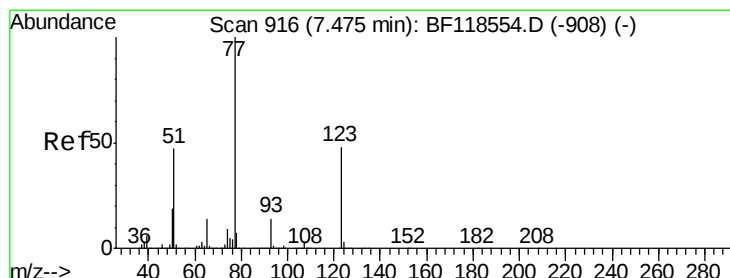
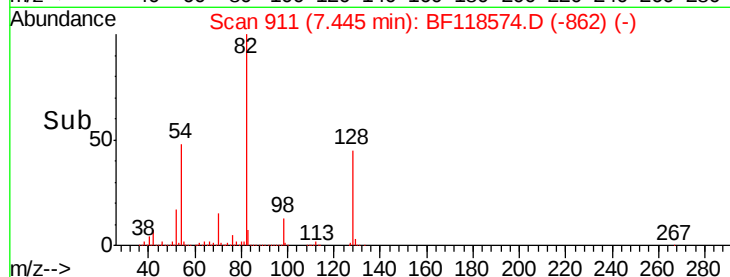
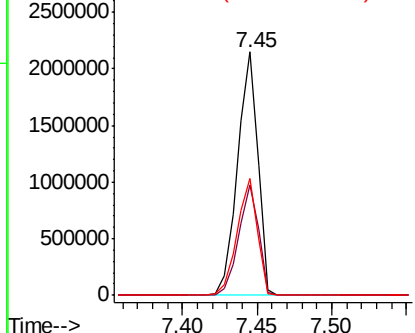
#23
Nitrobenzene-d5
Concen: 105.169 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF118574.D
Acq: 17 Jan 2020 22:46

Instrument :
BNA_F
ClientSampleId :
WASTE-CHARACTERIZATION

Tgt Ion: 82 Resp: 2051791
Ion Ratio Lower Upper
82 100
128 45.4 37.0 55.4
54 48.1 37.4 56.0

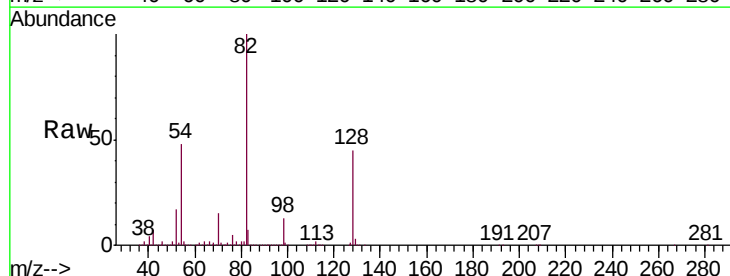


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

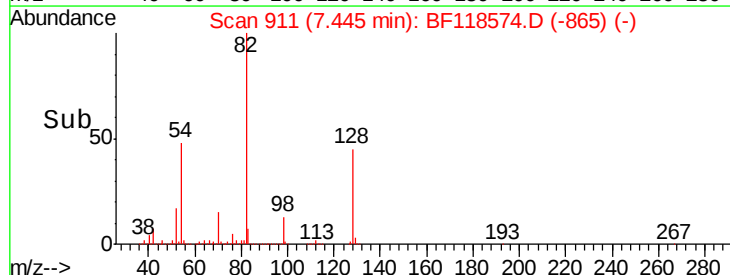
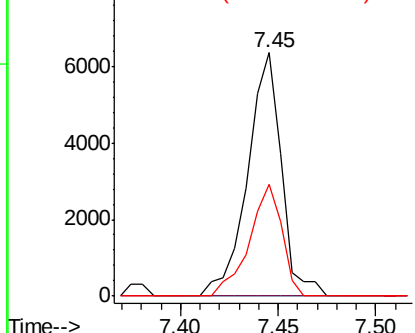


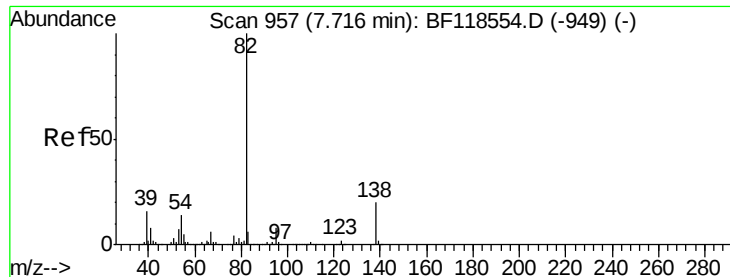
#24
Nitrobenzene
Concen: 0.369 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.03 min
Lab File: BF118574.D
Acq: 17 Jan 2020 22:46

Tgt Ion: 77 Resp: 7665
Ion Ratio Lower Upper
77 100
123 0.0 38.2 57.2#
65 45.8 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

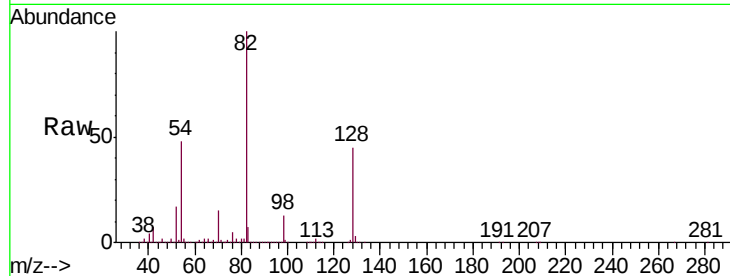




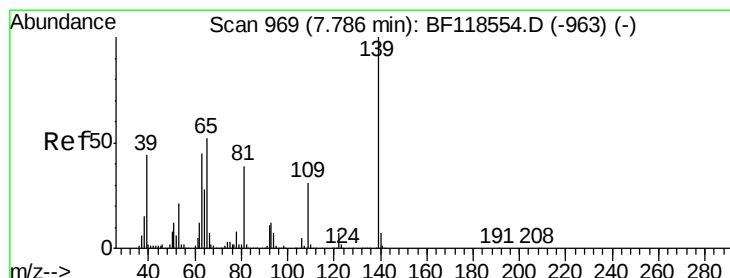
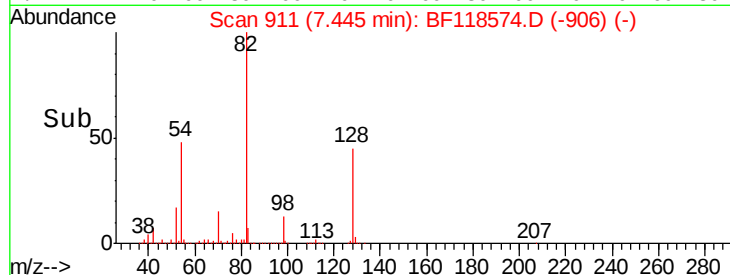
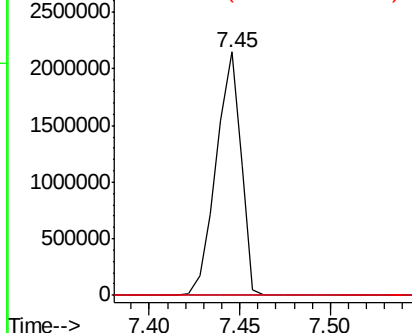
#25
Isophorone
Concen: 48.227 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.27 min
Lab File: BF118574.D
Acq: 17 Jan 2020 22:46

Instrument :
BNA_F
ClientSampleId :
WASTE-CHARACTERIZATION

Tgt Ion: 82 Resp: 2042038
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.8 23.8#

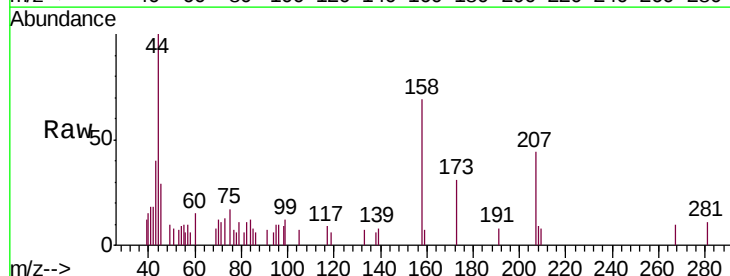


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

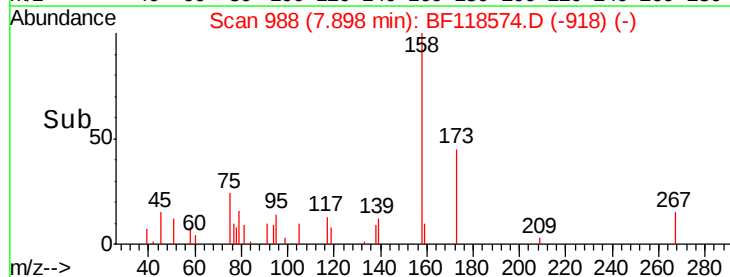
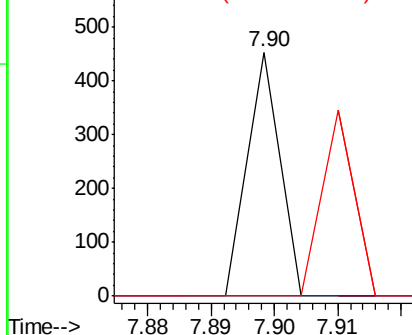


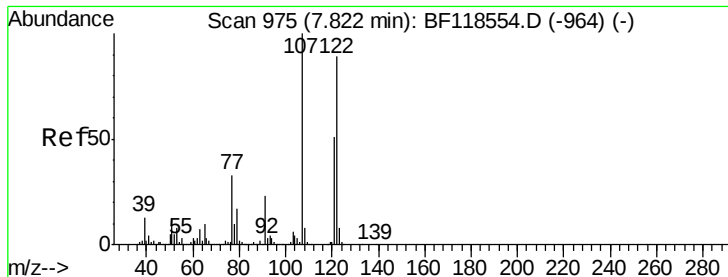
#26
2-Nitrophenol
Concen: 6.221 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.11 min
Lab File: BF118574.D
Acq: 17 Jan 2020 22:46

Tgt Ion: 139 Resp: 160
Ion Ratio Lower Upper
139 100
109 0.0 24.6 36.8#
65 0.0 42.1 63.1#



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: 0.008 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF118574.D

Acq: 17 Jan 2020 22:46

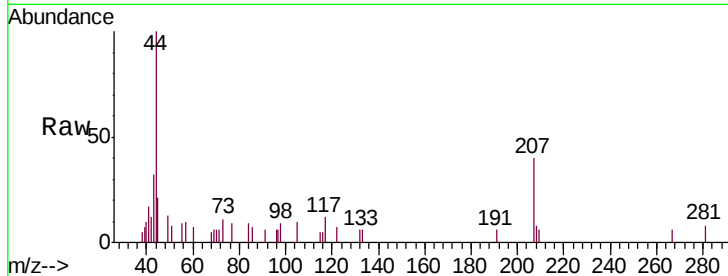
Instrument :

BNA_F

ClientSampleId :

WASTE-CHARACTERIZATION

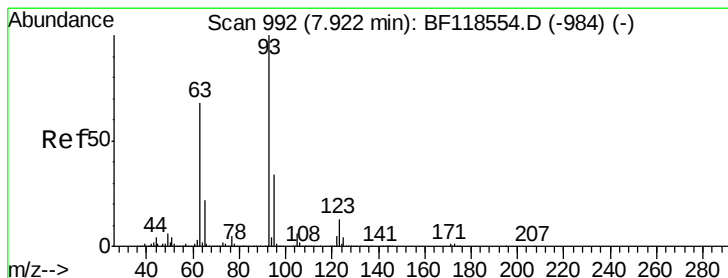
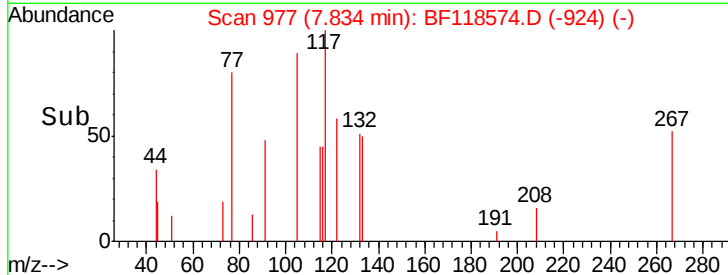
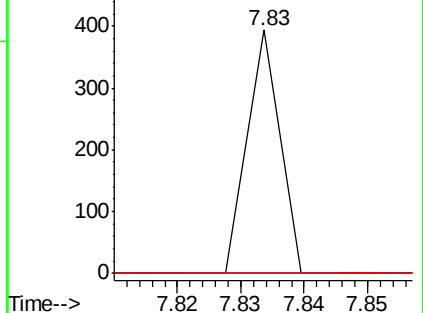
Tgt Ion:	122	Resp:	139
Ion	Ratio	Lower	Upper
122	100		
107	0.0	89.6	134.4#
121	0.0	45.9	68.9#



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: 0.016 ng

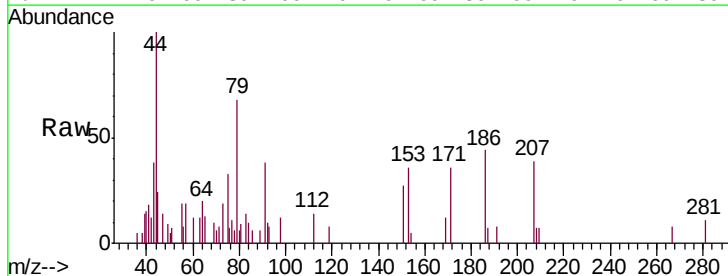
RT: 7.77 min Scan# 967

Delta R.T. -0.15 min

Lab File: BF118574.D

Acq: 17 Jan 2020 22:46

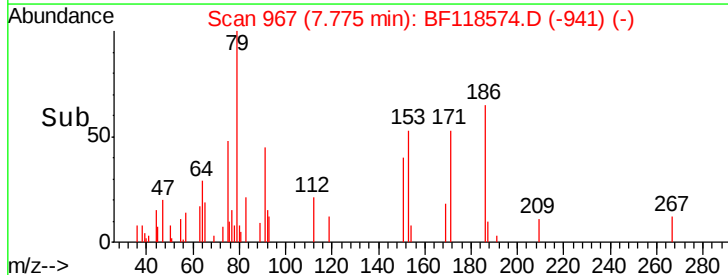
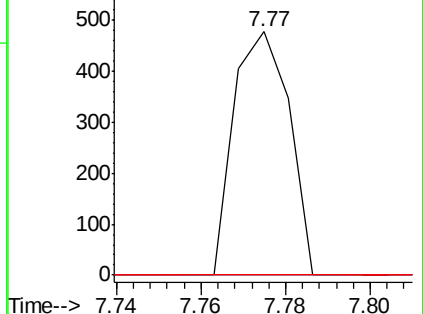
Tgt Ion:	93	Resp:	434
Ion	Ratio	Lower	Upper
93	100		
95	0.0	27.3	40.9#
123	0.0	10.2	15.4#

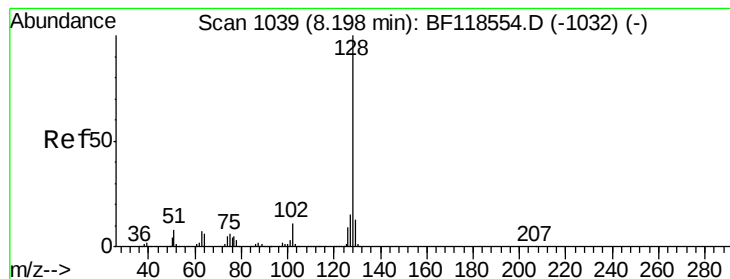


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#31

Naphthalene

Concen: 0.682 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF118574.D

Acq: 17 Jan 2020 22:46

Instrument :

BNA_F

ClientSampleId :

WASTE-CHARACTERIZATION

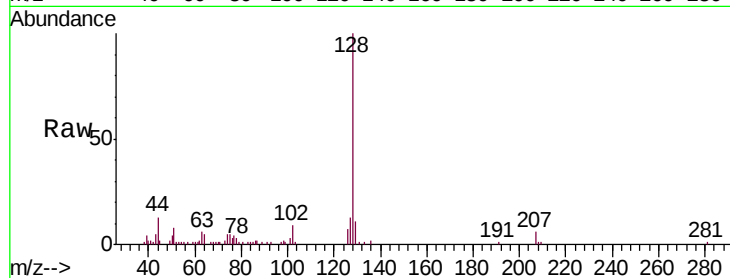
Tgt Ion:128 Resp: 38727

Ion Ratio Lower Upper

128 100

129 10.6 10.3 15.5

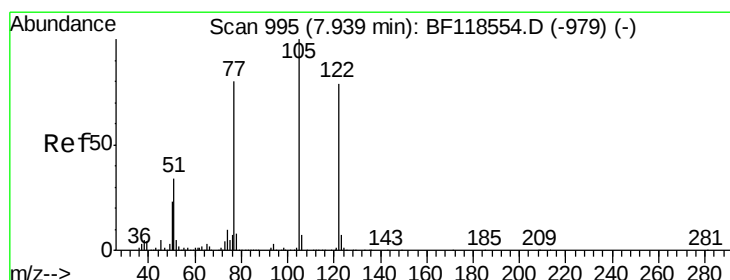
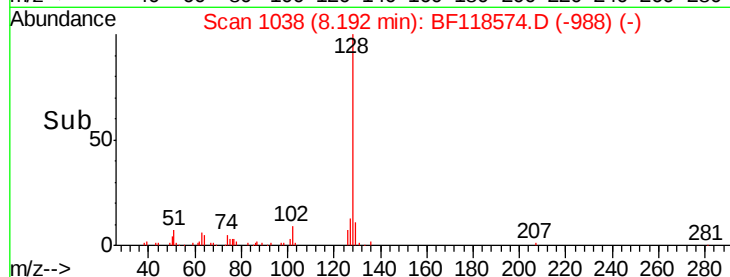
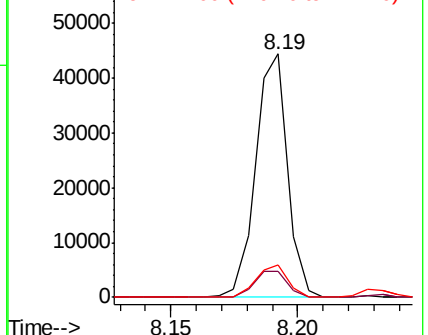
127 13.5 12.1 18.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 7.864 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.11 min

Lab File: BF118574.D

Acq: 17 Jan 2020 22:46

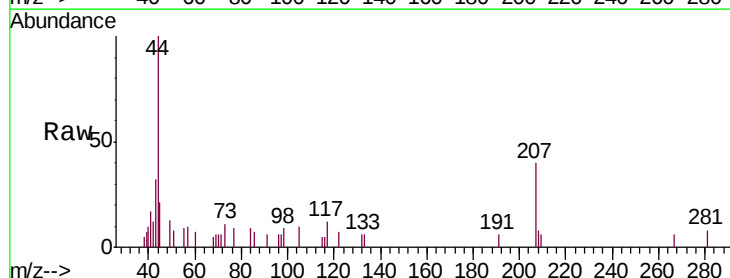
Tgt Ion:122 Resp: 139

Ion Ratio Lower Upper

122 100

105 153.8 105.0 145.0#

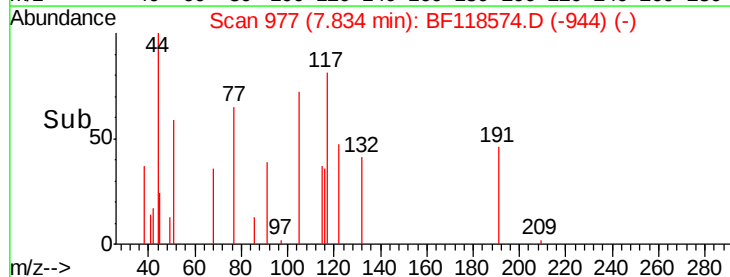
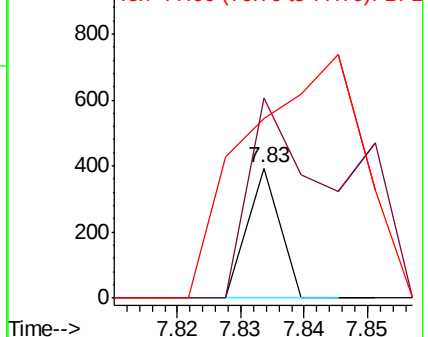
77 137.8 80.7 120.7#

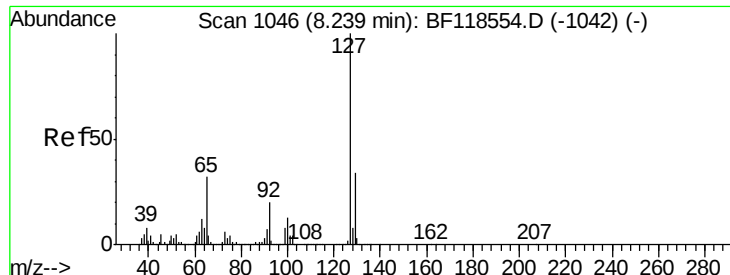


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

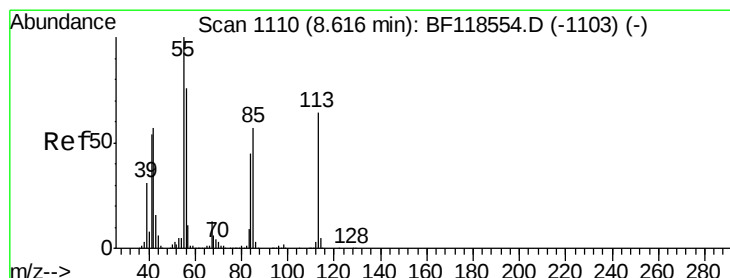
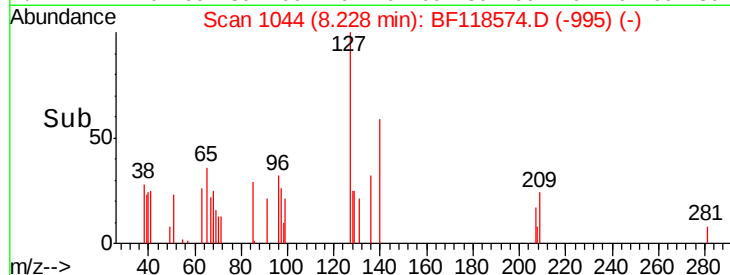
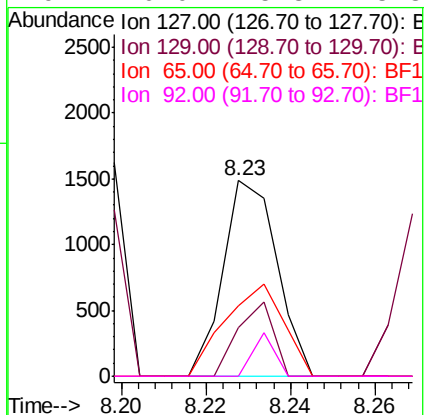
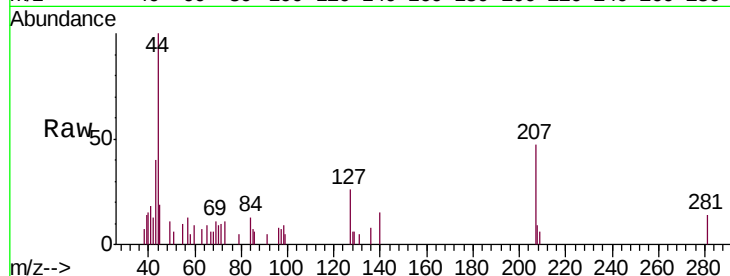




#33
4-Chloroaniline
Concen: 0.050 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF118574.D
Acq: 17 Jan 2020 22:46

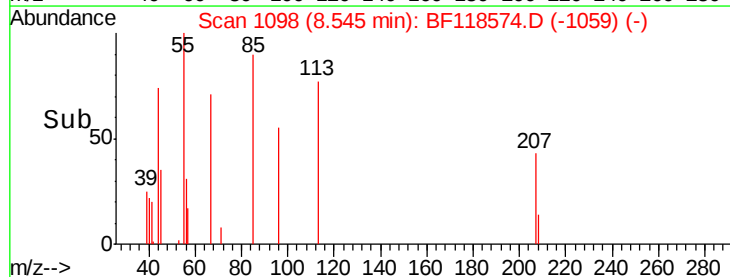
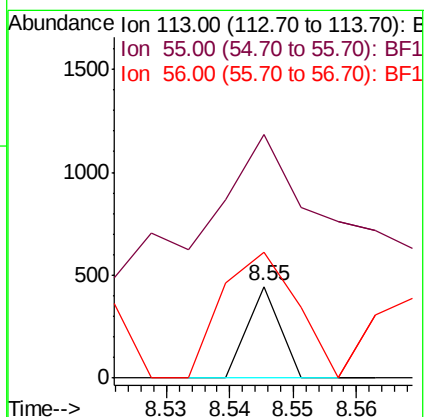
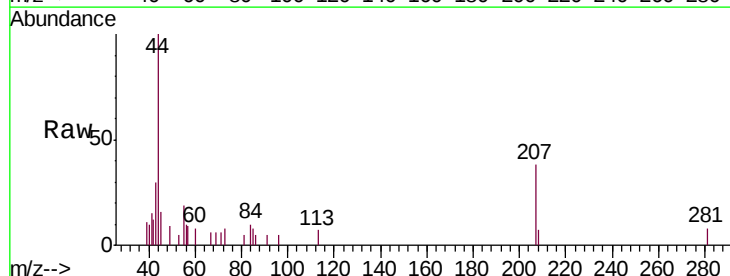
Instrument :
BNA_F
ClientSampleId :
WASTE-CHARACTERIZATION

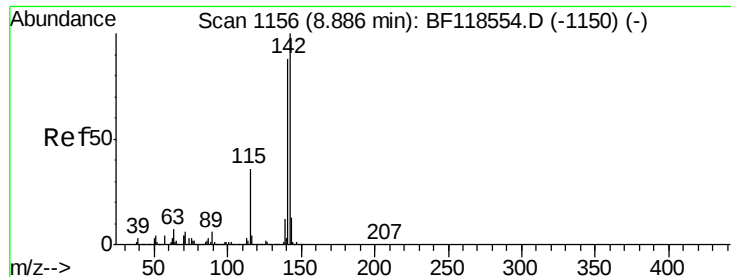
Tgt Ion:	127	Resp:	1315
Ion	Ratio	Lower	Upper
127	100		
129	25.1	27.0	40.4#
65	36.2	25.8	38.8
92	0.0	15.8	23.8#



#35
Caprolactam
Concen: 0.027 ng
RT: 8.55 min Scan# 1098
Delta R.T. -0.07 min
Lab File: BF118574.D
Acq: 17 Jan 2020 22:46

Tgt Ion:	113	Resp:	158
Ion	Ratio	Lower	Upper
113	100		
55	264.7	137.3	177.3#
56	136.5	99.7	139.7

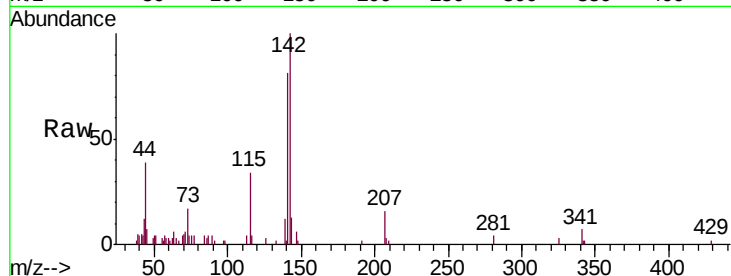




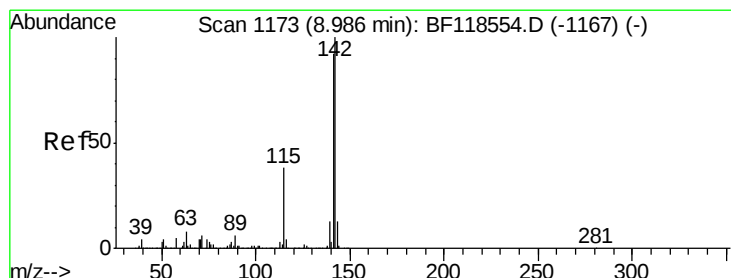
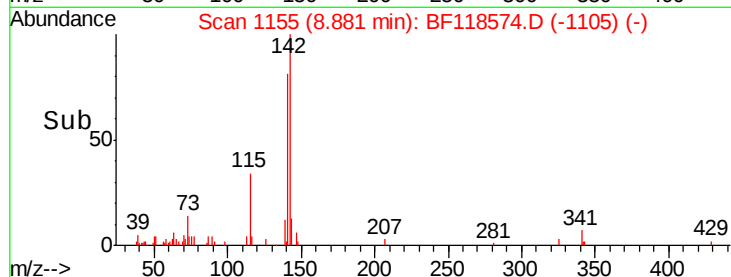
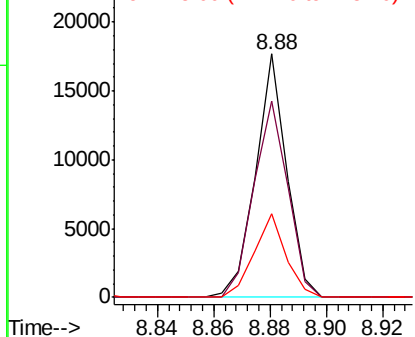
#37
 2-Methylnaphthalene
 Concen: 0.336 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF118574.D
 Acq: 17 Jan 2020 22:46

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-CHARACTERIZATION

Tgt Ion	Ratio	Lower	Upper
142	100		
141	80.6	70.6	106.0
115	34.5	29.0	43.4

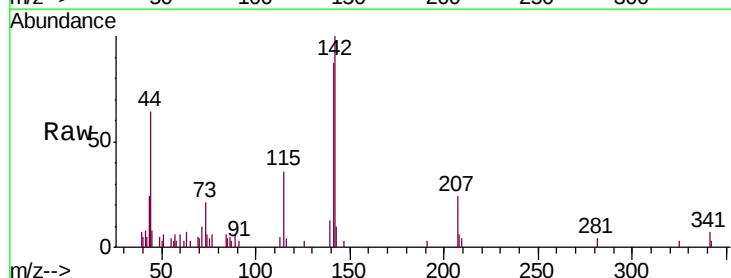


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

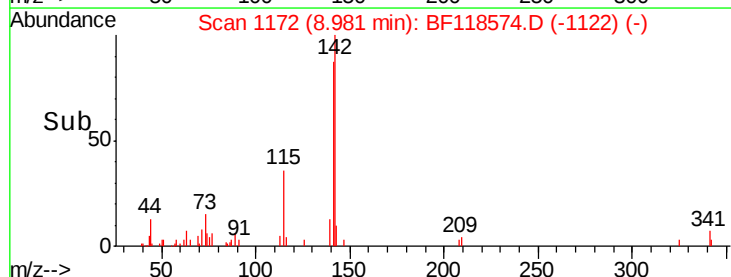
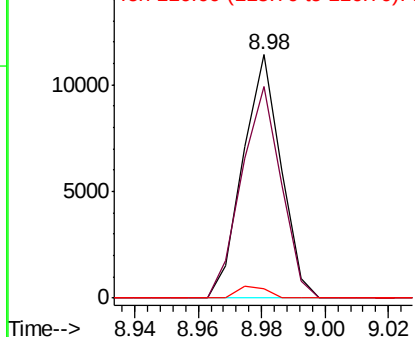


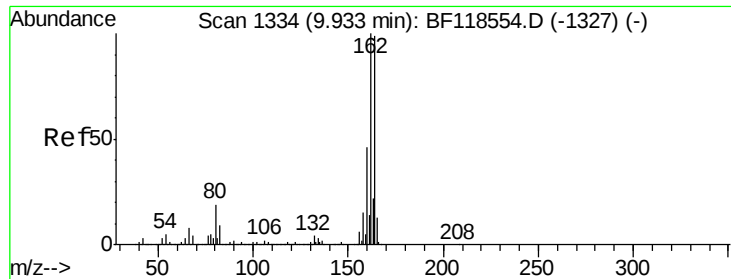
#38
 1-Methylnaphthalene
 Concen: 0.250 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF118574.D
 Acq: 17 Jan 2020 22:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.8	73.8	110.6
116	3.9	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

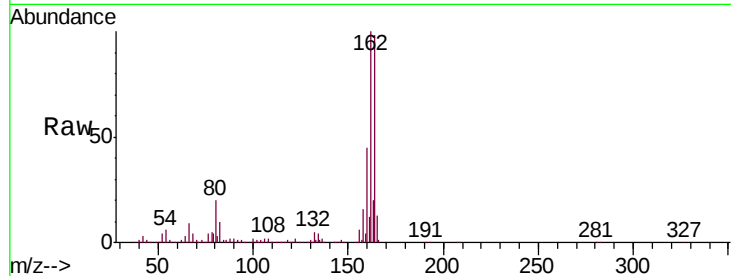




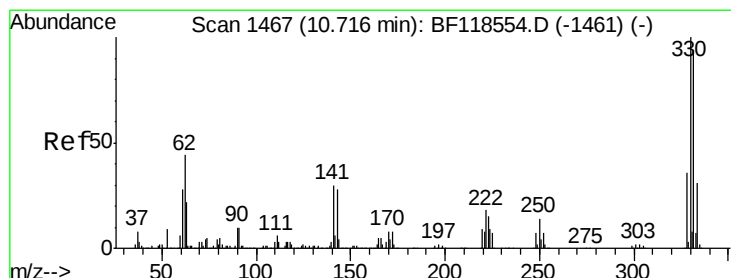
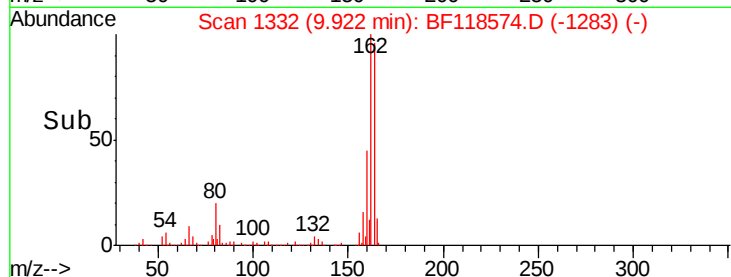
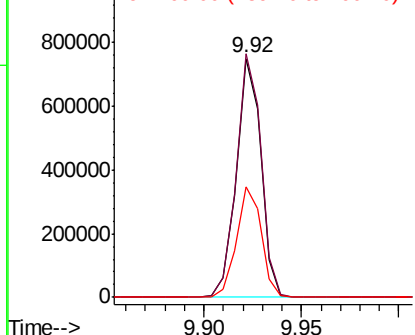
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF118574.D
Acq: 17 Jan 2020 22:46

Instrument :
BNA_F
ClientSampleId :
WASTE-CHARACTERIZATION

Tgt Ion:164 Resp: 656180
Ion Ratio Lower Upper
164 100
162 101.9 80.6 120.8
160 46.0 36.7 55.1

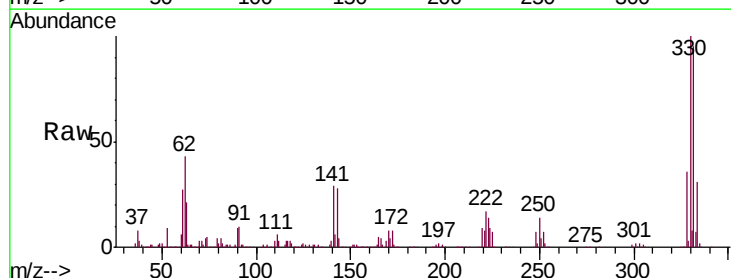


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

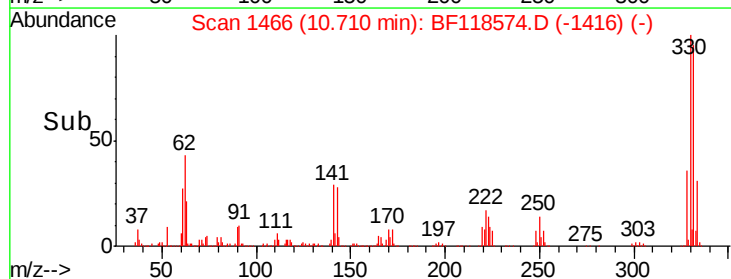
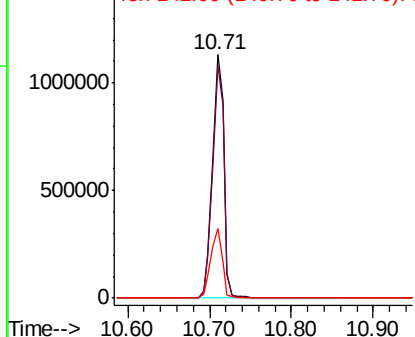


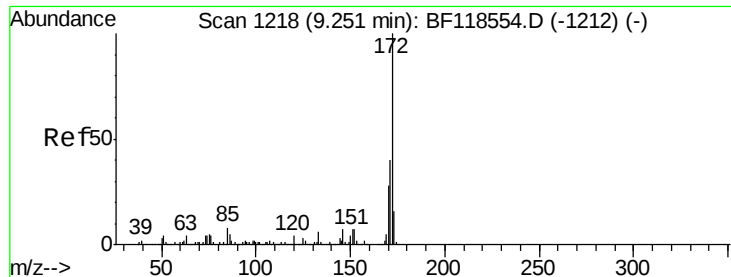
#42
2,4,6-Tribromophenol
Concen: 151.456 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF118574.D
Acq: 17 Jan 2020 22:46

Tgt Ion:330 Resp: 1098650
Ion Ratio Lower Upper
330 100
332 95.8 76.4 114.6
141 28.8 23.4 35.2



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

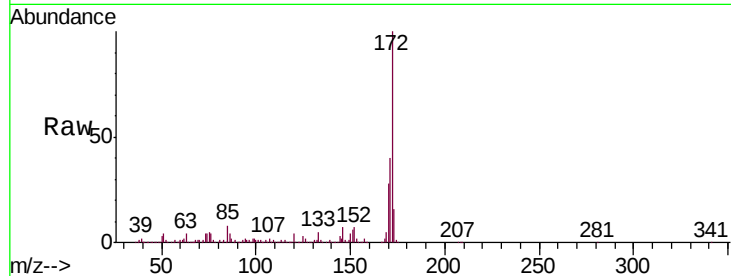




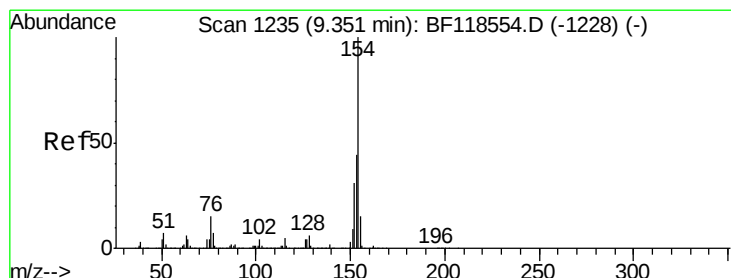
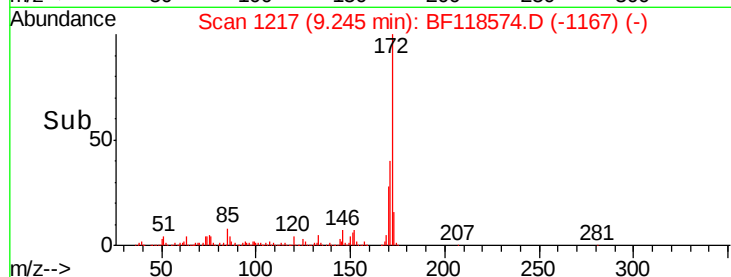
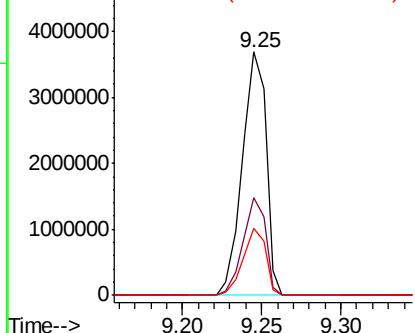
#45
2-Fluorobiphenyl
Concen: 105.437 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF118574.D
Acq: 17 Jan 2020 22:46

Instrument :
BNA_F
ClientSampleId :
WASTE-CHARACTERIZATION

Tgt Ion:172 Resp: 3832347
Ion Ratio Lower Upper
172 100
171 40.4 32.4 48.6
170 27.5 22.5 33.7

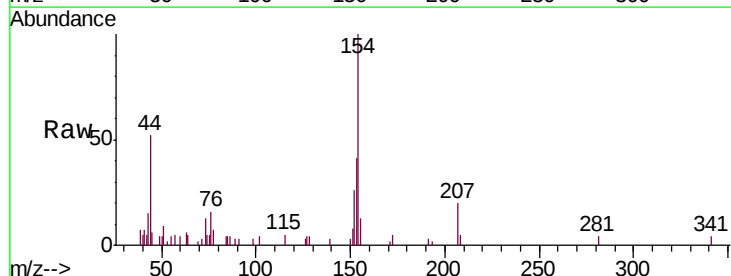


Abundance Ion 172.00 (171.70 to 172.70): E
5000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

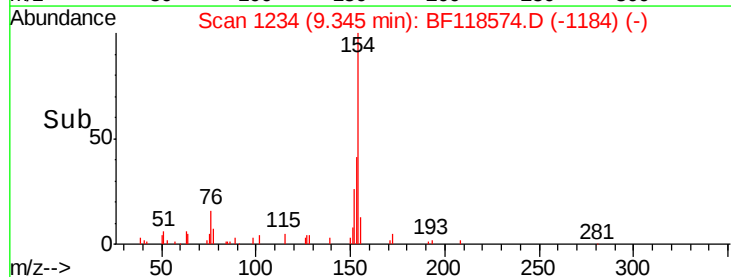
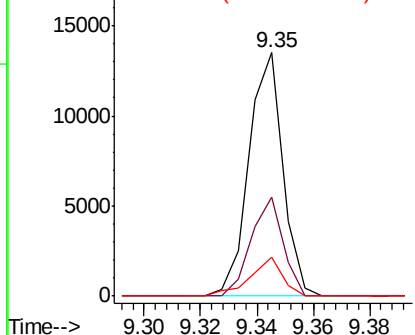


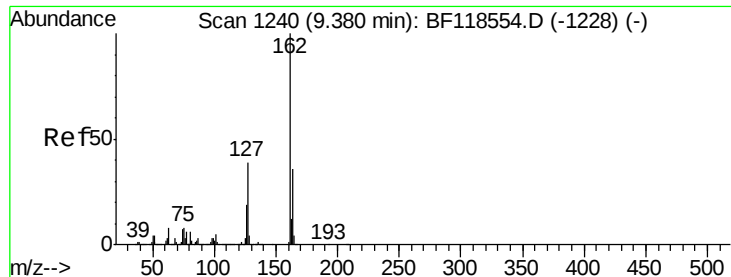
#46
1,1'-Biphenyl
Concen: 0.241 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF118574.D
Acq: 17 Jan 2020 22:46

Tgt Ion:154 Resp: 11288
Ion Ratio Lower Upper
154 100
153 40.7 23.7 63.7
76 15.9 0.0 35.2



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

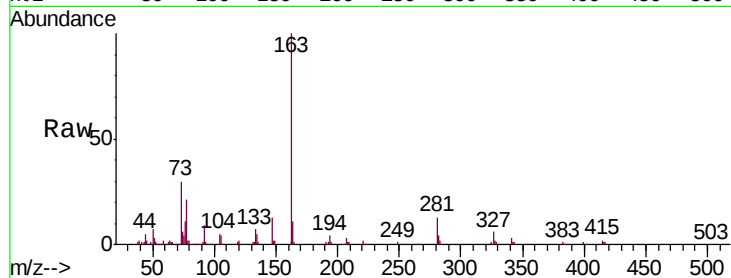




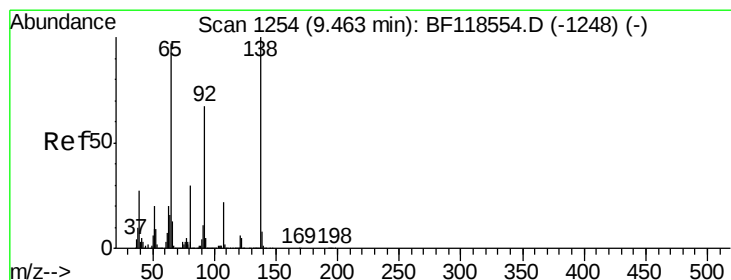
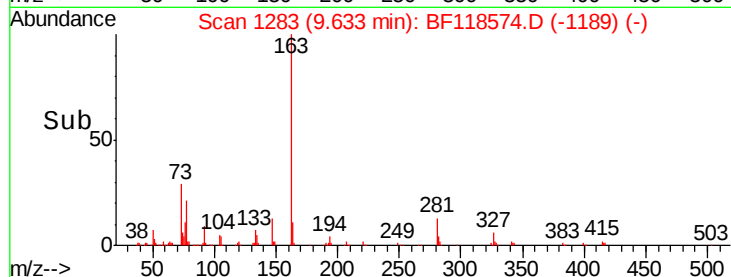
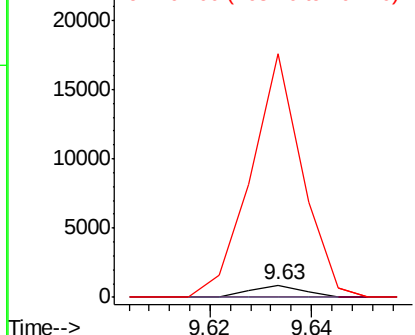
#47
 2-Chloronaphthalene
 Concen: 0.016 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. 0.25 min
 Lab File: BF118574.D
 Acq: 17 Jan 2020 22:46

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-CHARACTERIZATION

Tgt Ion: 162 Resp: 644
 Ion Ratio Lower Upper
 162 100
 127 0.0 31.0 46.4#
 164 1935.7 28.6 42.8#

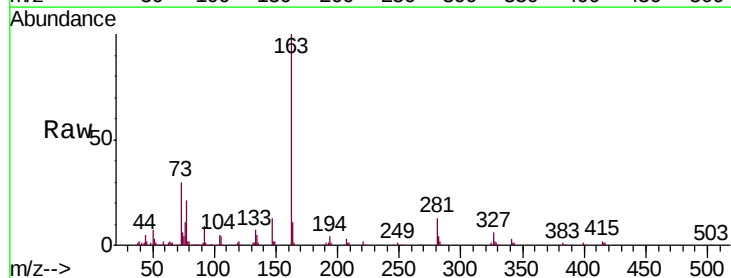


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

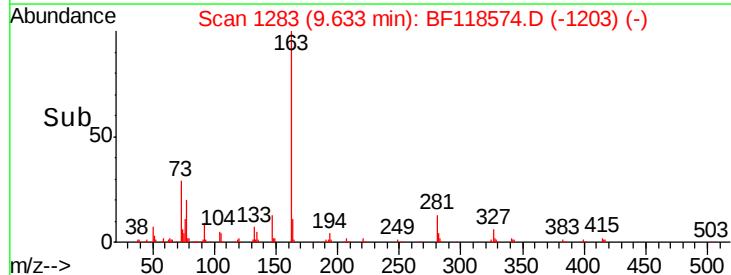
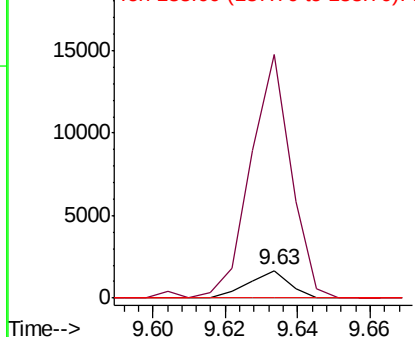


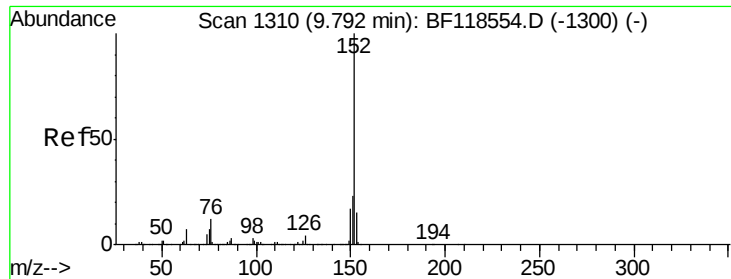
#48
 2-Nitroaniline
 Concen: 0.126 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. 0.17 min
 Lab File: BF118574.D
 Acq: 17 Jan 2020 22:46

Tgt Ion: 65 Resp: 1294
 Ion Ratio Lower Upper
 65 100
 92 891.5 55.3 82.9#
 138 0.0 82.9 124.3#



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: 0.014 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF118574.D

Acq: 17 Jan 2020 22:46

Instrument :

BNA_F

ClientSampleId :

WASTE-CHARACTERIZATION

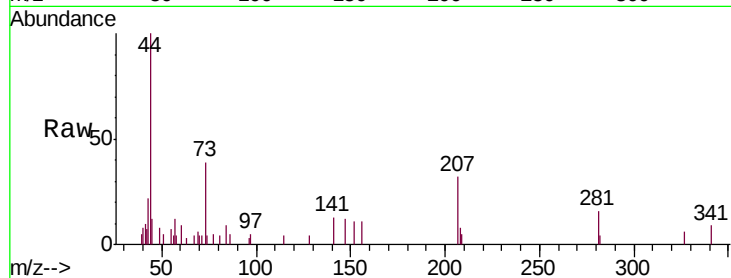
Tgt Ion:152 Resp: 784

Ion Ratio Lower Upper

152 100

151 0.0 18.6 27.8#

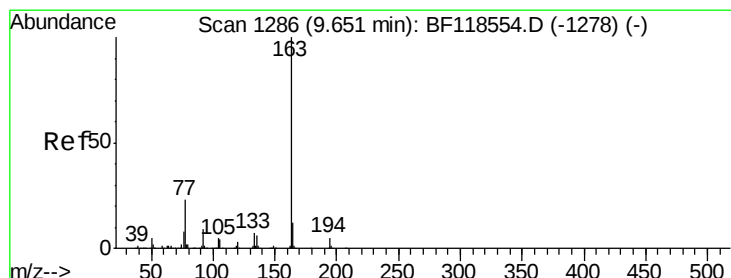
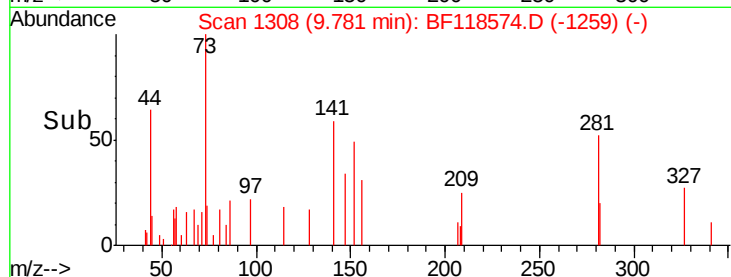
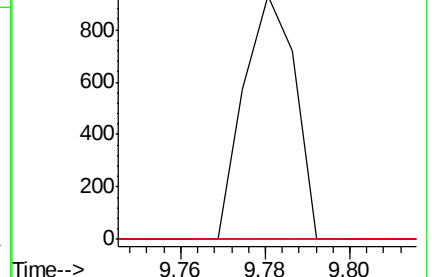
153 0.0 12.3 18.5#



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: 2.665 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF118574.D

Acq: 17 Jan 2020 22:46

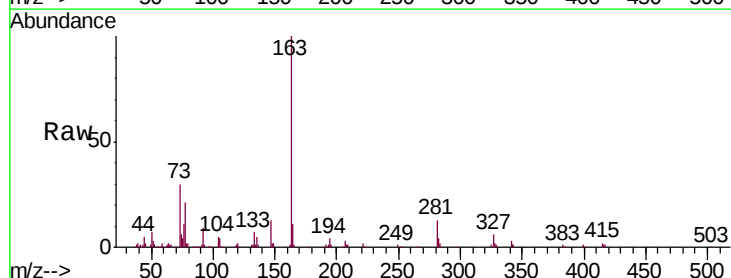
Tgt Ion:163 Resp: 120055

Ion Ratio Lower Upper

163 100

194 4.3 3.8 5.8

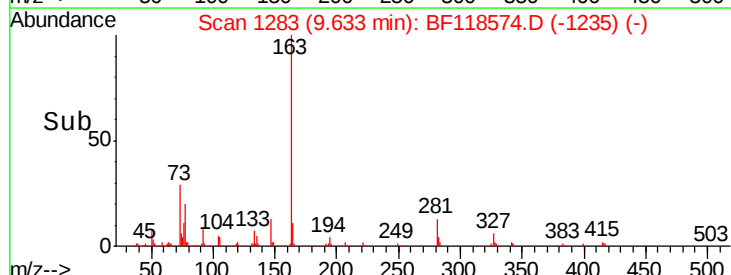
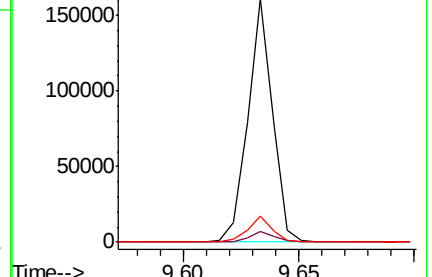
164 10.9 9.3 13.9

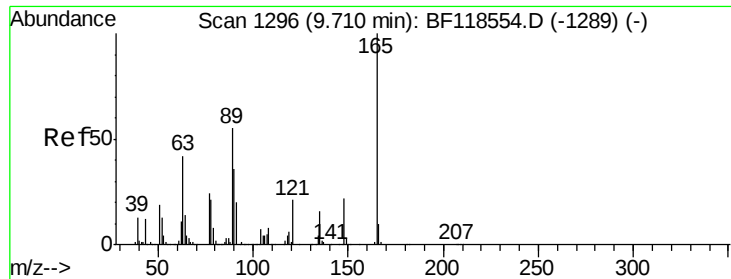


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

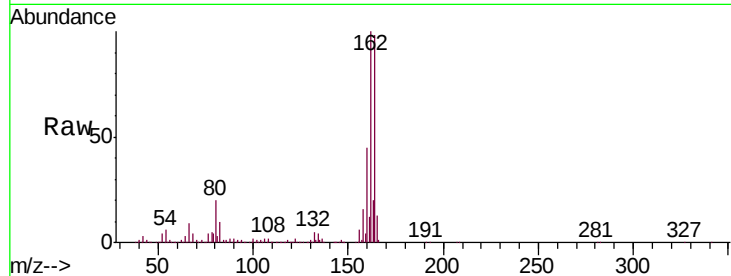




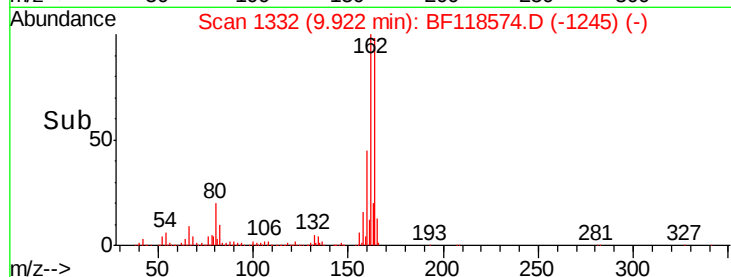
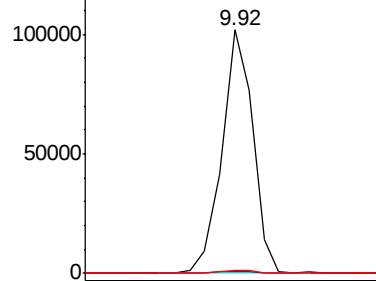
#51
 2,6-Dinitrotoluene
 Concen: 10.092 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.21 min
 Lab File: BF118574.D
 Acq: 17 Jan 2020 22:46

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-CHARACTERIZATION

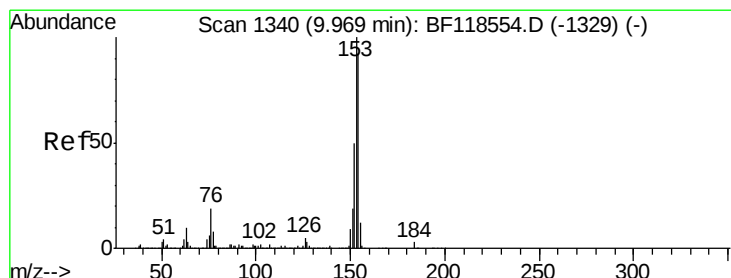
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	41.9	62.9#
89	1.4	44.0	66.0#



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

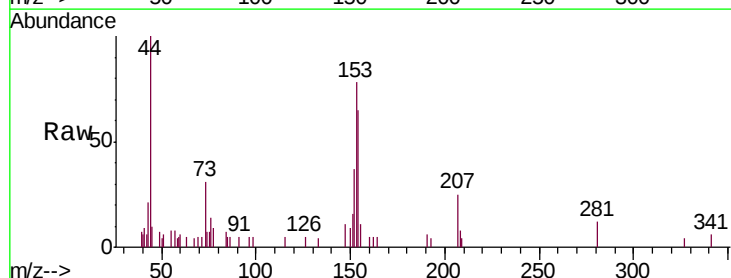


Time-->

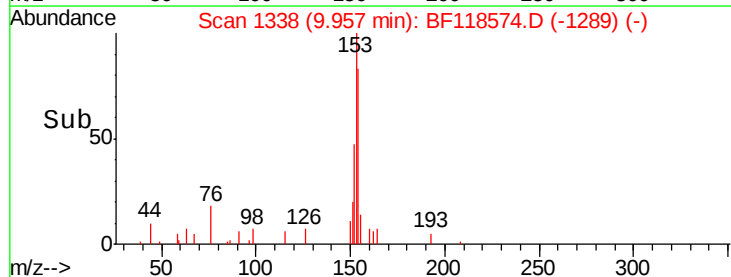
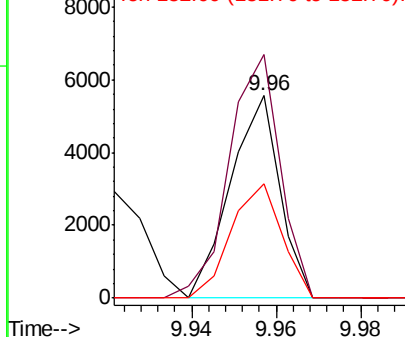


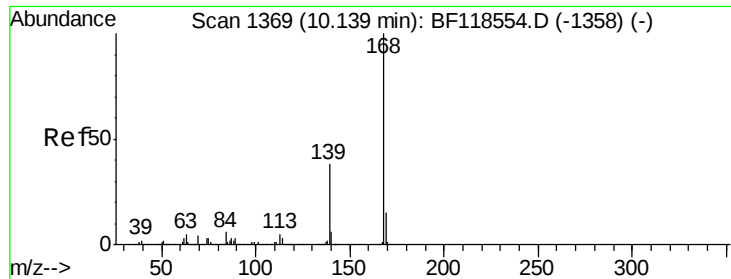
#52
 Acenaphthene
 Concen: 0.123 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF118574.D
 Acq: 17 Jan 2020 22:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	120.4	87.0	130.4
152	56.5	43.8	65.8



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





#55

Dibenzenofuran

Concen: 0.041 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF118574.D

Acq: 17 Jan 2020 22:46

Instrument :

BNA_F

ClientSampleId :

WASTE-CHARACTERIZATION

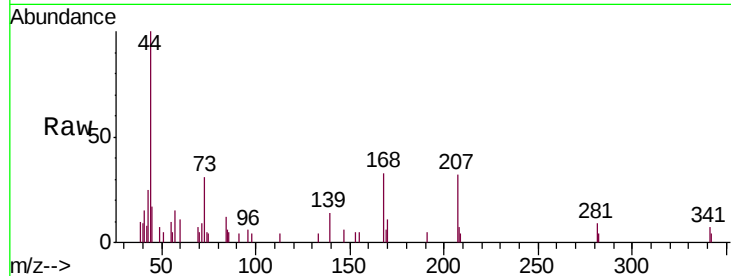
Tgt Ion:168 Resp: 2120

Ion Ratio Lower Upper

168 100

139 41.1 30.6 46.0

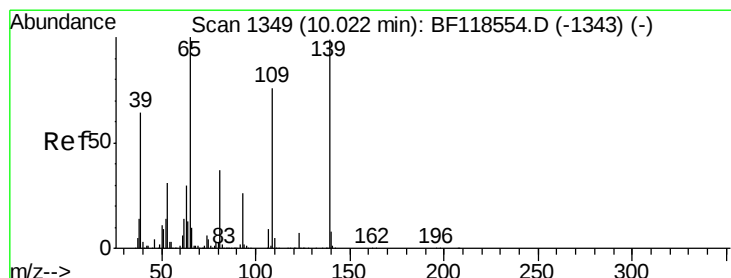
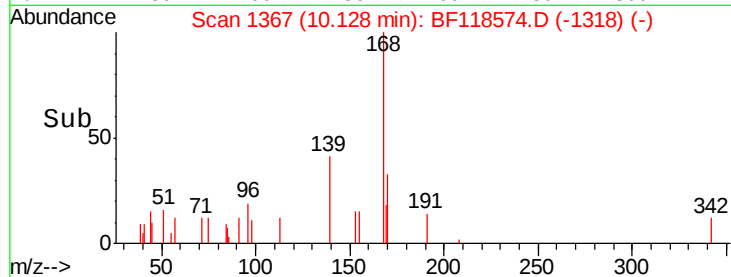
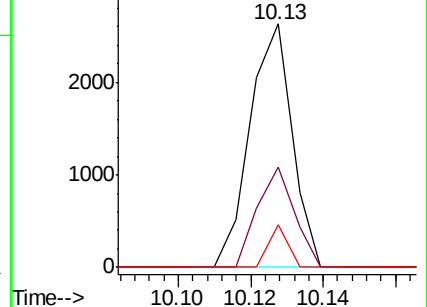
169 17.5 11.9 17.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 0.106 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.11 min

Lab File: BF118574.D

Acq: 17 Jan 2020 22:46

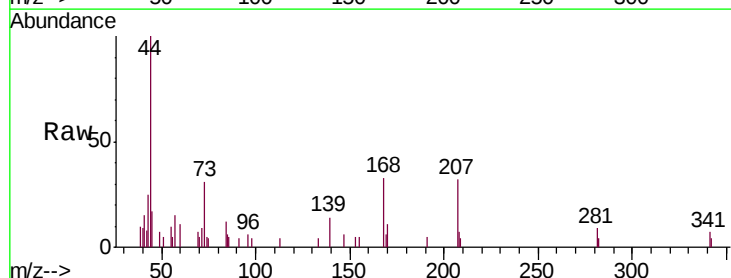
Tgt Ion:139 Resp: 762

Ion Ratio Lower Upper

139 100

109 0.0 56.9 96.9#

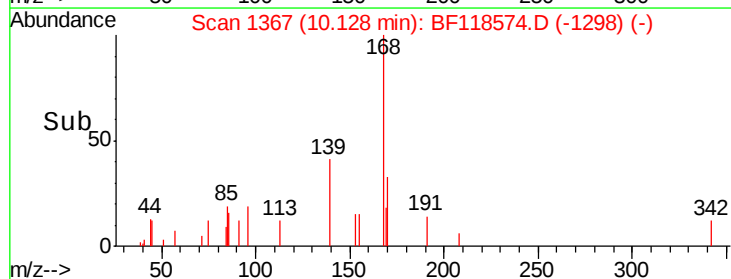
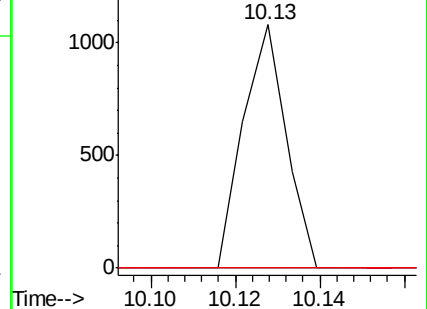
65 0.0 81.7 121.7#

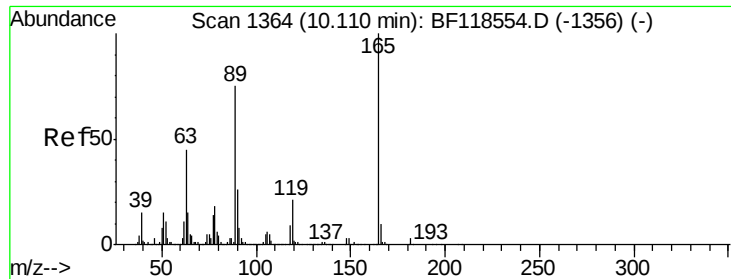


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 11.892 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.19 min

Lab File: BF118574.D

Acq: 17 Jan 2020 22:46

Instrument :

BNA_F

ClientSampleId :

WASTE-CHARACTERIZATION

Tgt Ion:165 Resp: 86752

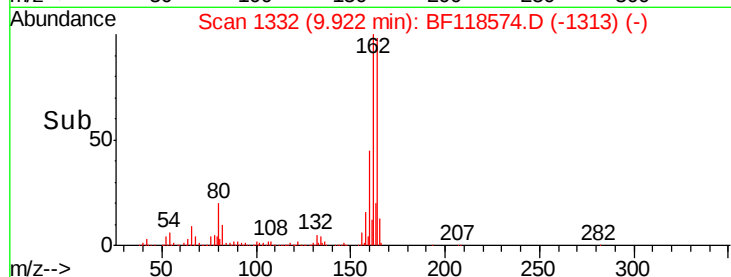
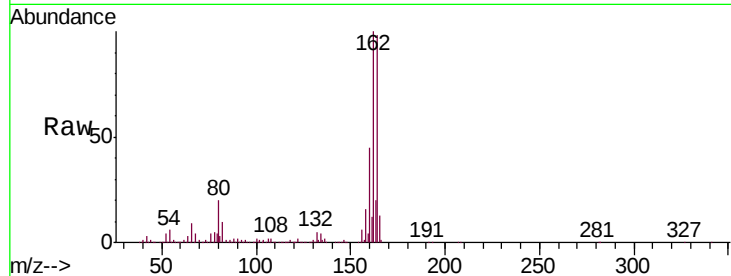
Ion Ratio Lower Upper

165 100

63 0.9 35.8 53.6#

89 1.4 59.9 89.9#

182 0.0 2.2 3.2#

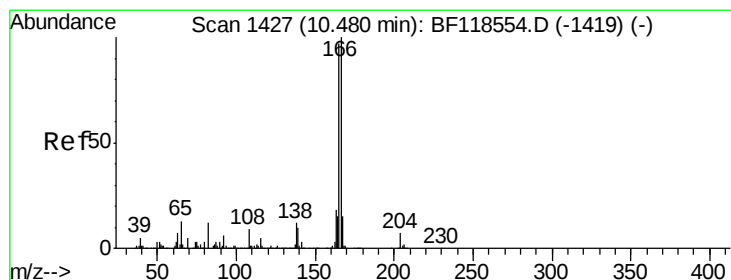
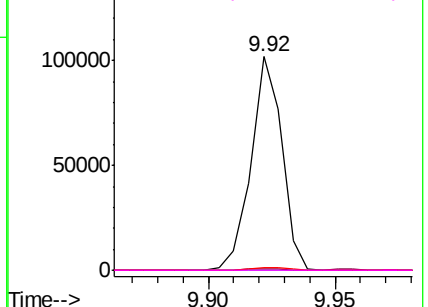


Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.071 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF118574.D

Acq: 17 Jan 2020 22:46

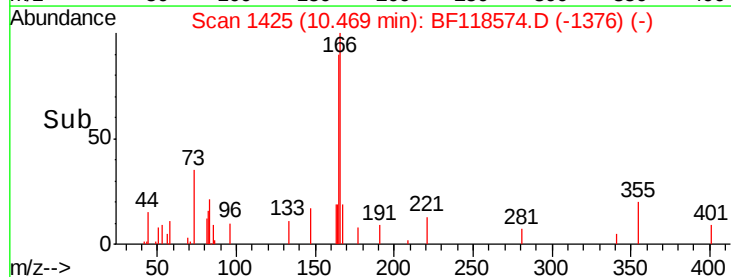
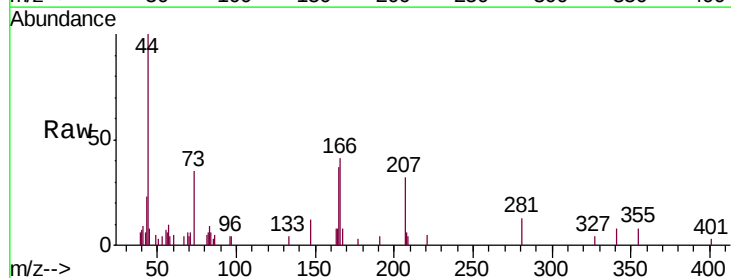
Tgt Ion:166 Resp: 2858

Ion Ratio Lower Upper

166 100

165 90.2 77.8 116.8

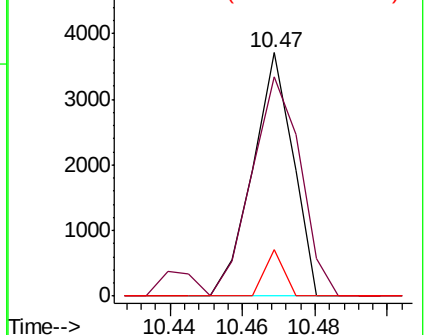
167 18.9 11.7 17.5#

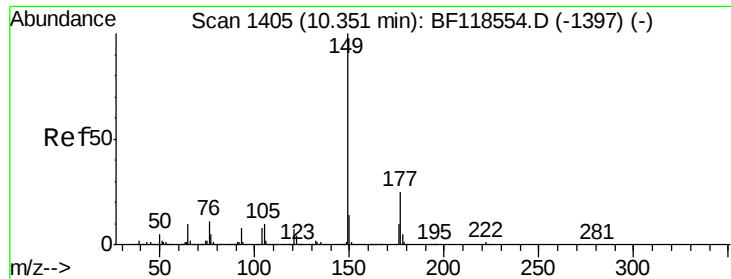


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

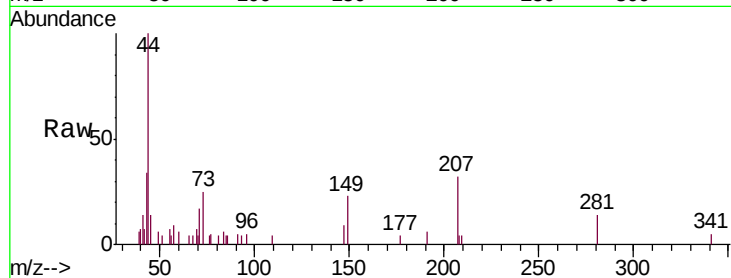




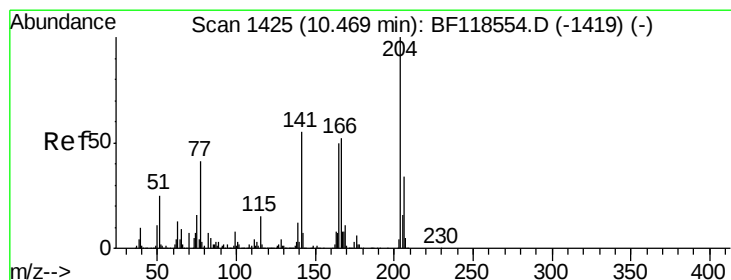
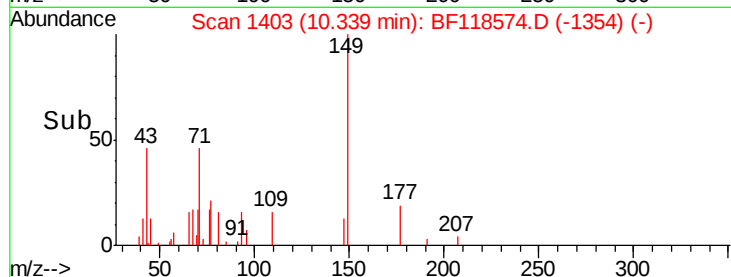
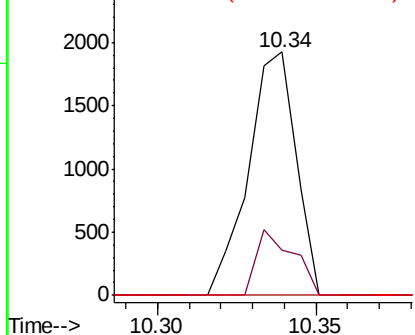
#60
Diethylphthalate
Concen: 0.046 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF118574.D
Acq: 17 Jan 2020 22:46

Instrument :
BNA_F
ClientSampleId :
WASTE-CHARACTERIZATION

Tgt Ion:149 Resp: 2011
Ion Ratio Lower Upper
149 100
177 18.8 20.2 30.4#
150 0.0 11.0 16.4#

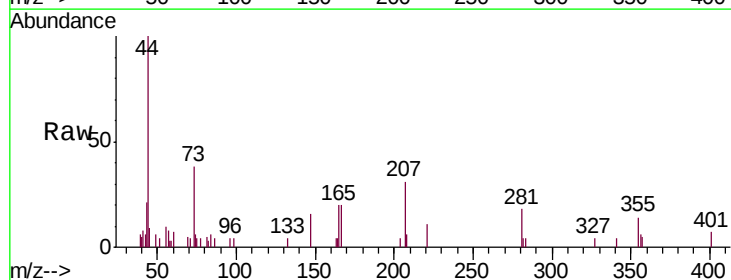


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

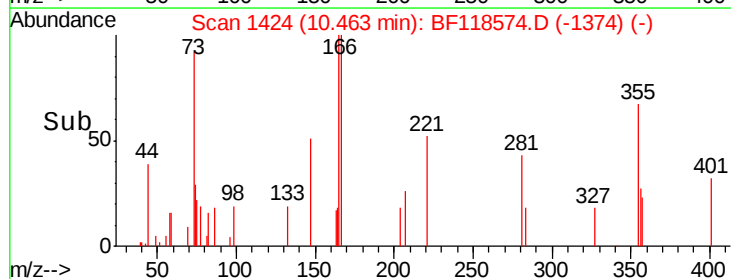
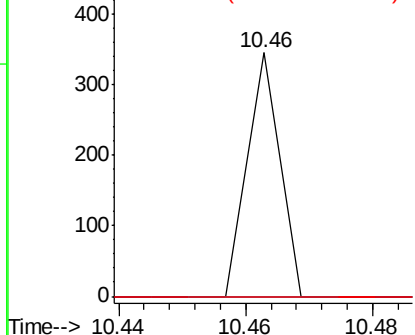


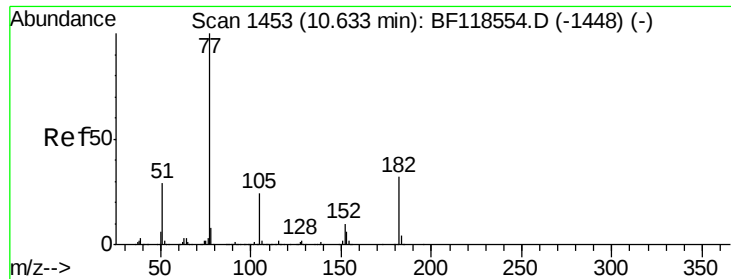
#61
4-Chlorophenyl-phenylether
Concen: 0.006 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118574.D
Acq: 17 Jan 2020 22:46

Tgt Ion:204 Resp: 122
Ion Ratio Lower Upper
204 100
206 0.0 27.1 40.7#
141 0.0 44.4 66.6#



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





#63

Azobenzene

Concen: 0.031 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.02 min

Lab File: BF118574.D

Acq: 17 Jan 2020 22:46

Instrument :

BNA_F

ClientSampleId :

WASTE-CHARACTERIZATION

Tgt Ion: 77 Resp: 1337

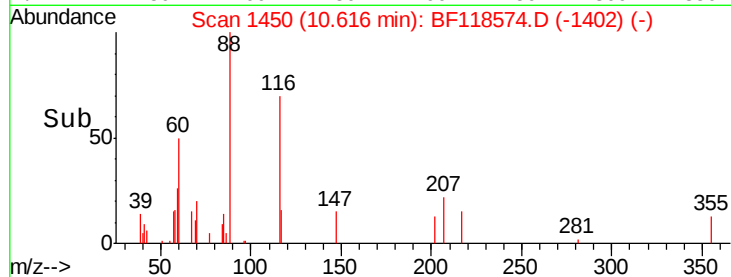
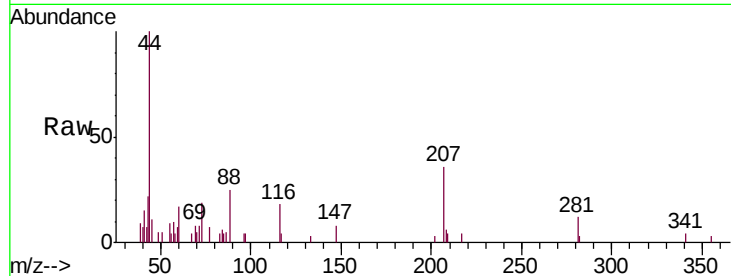
Ion Ratio Lower Upper

77 100

182 0.0 11.7 51.7#

105 0.0 3.6 43.6#

51 71.2 9.0 49.0#

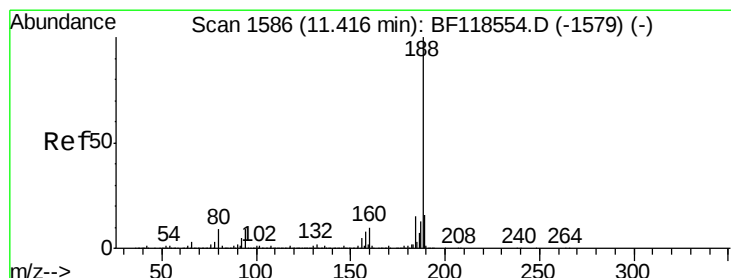
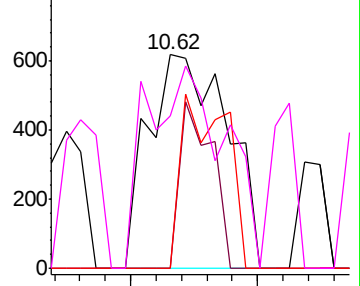


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF118574.D

Acq: 17 Jan 2020 22:46

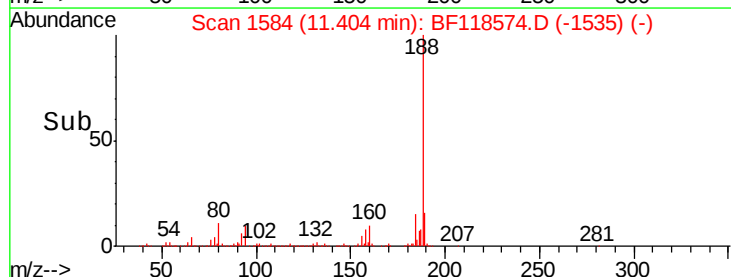
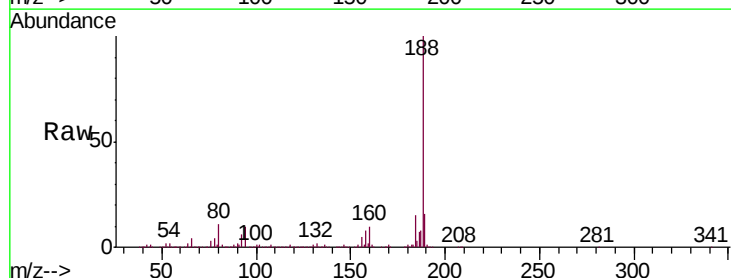
Tgt Ion: 188 Resp: 1219684

Ion Ratio Lower Upper

188 100

94 10.2 7.0 10.4

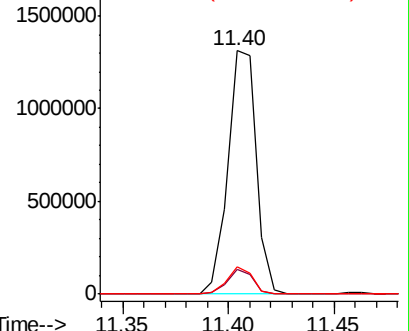
80 11.1 7.4 11.2

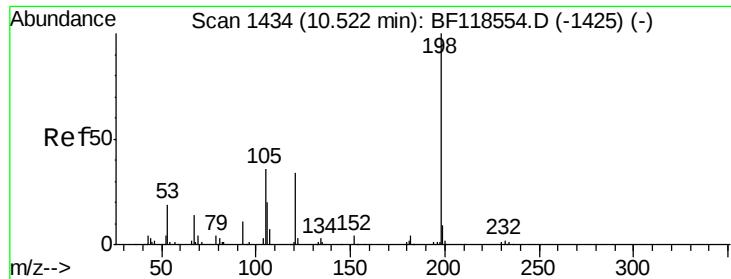


Abundance Ion 188.00 (187.70 to 188.70): E

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: 10.130 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.18 min

Lab File: BF118574.D

Acq: 17 Jan 2020 22:46

Instrument :

BNA_F

ClientSampleId :

WASTE-CHARACTERIZATION

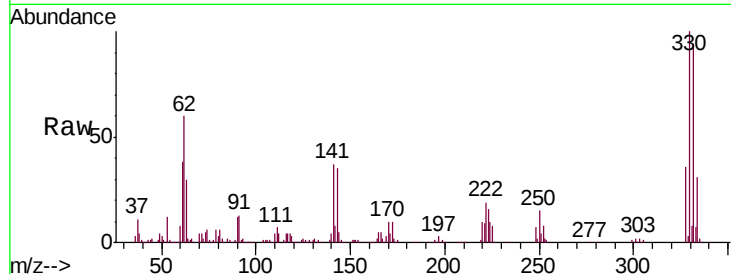
Tgt Ion:198 Resp: 2517

Ion Ratio Lower Upper

198 100

51 140.9 13.2 53.2#

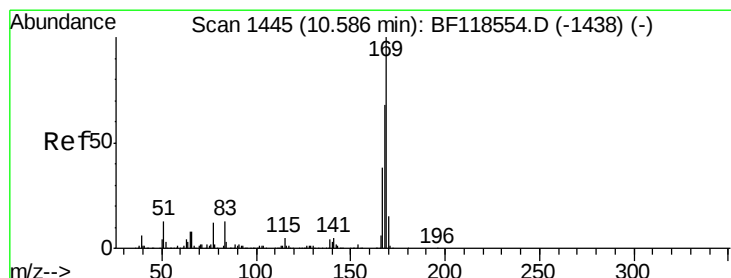
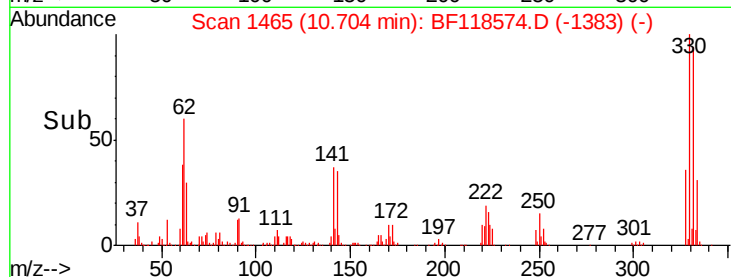
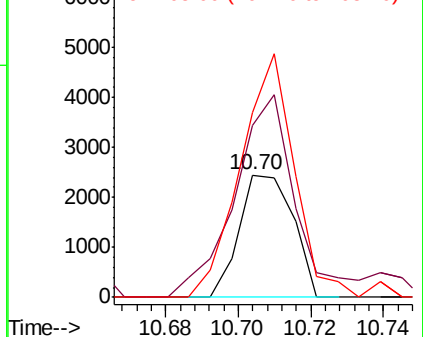
105 151.0 17.2 57.2#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 0.753 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.12 min

Lab File: BF118574.D

Acq: 17 Jan 2020 22:46

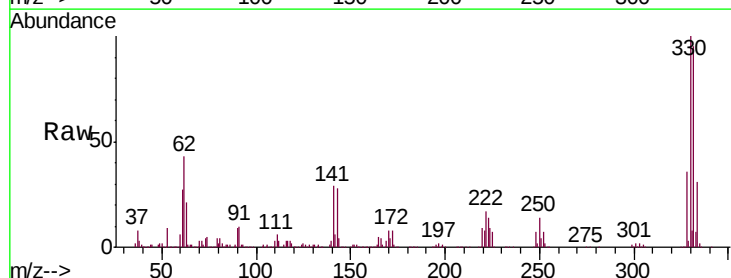
Tgt Ion:169 Resp: 29515

Ion Ratio Lower Upper

169 100

168 7.0 54.2 81.4#

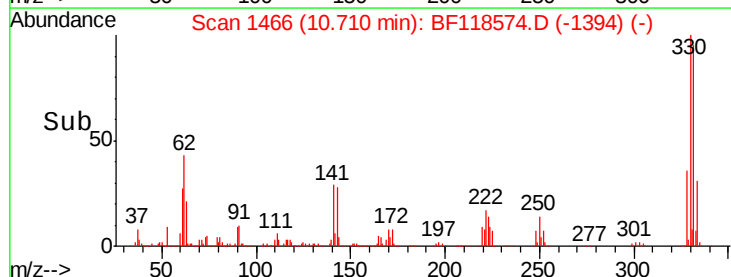
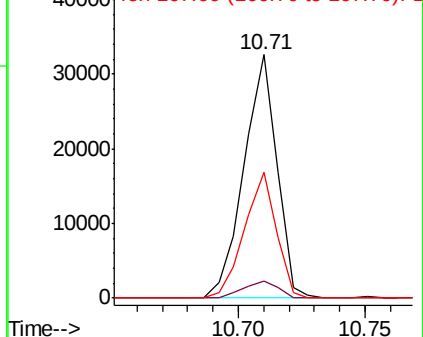
167 51.5 30.5 45.7#

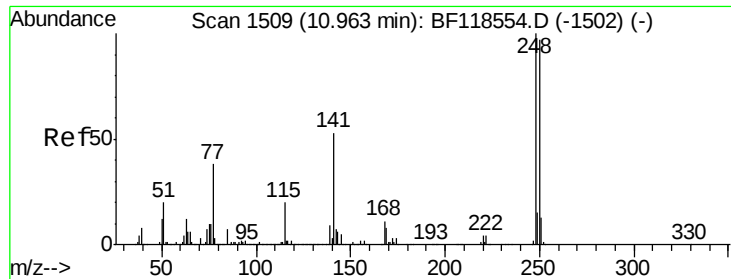


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

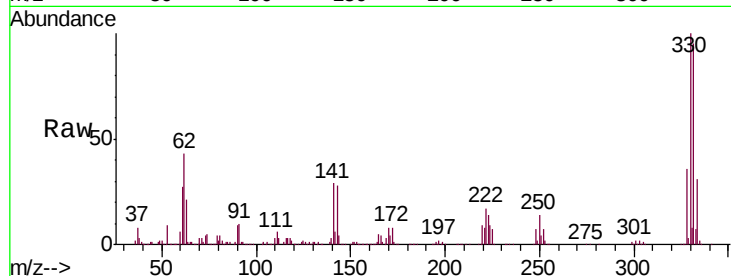




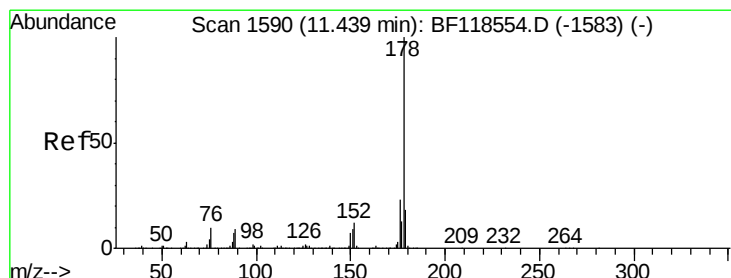
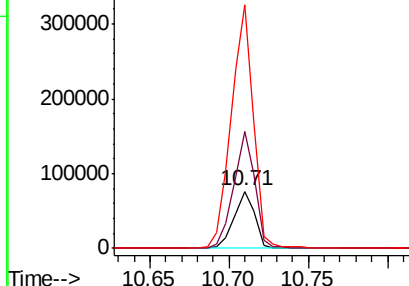
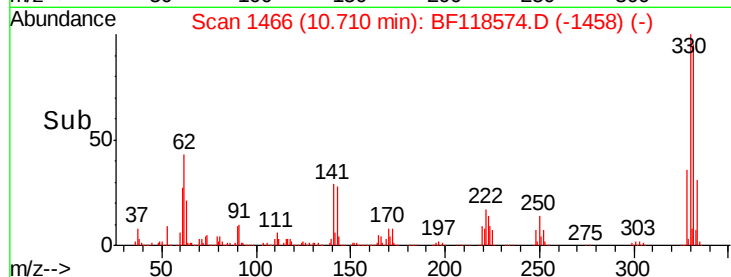
#67
 4-Bromophenyl-phenylether
 Concen: 4.290 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.25 min
 Lab File: BF118574.D
 Acq: 17 Jan 2020 22:46

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-CHARACTERIZATION

Tgt Ion: 248 Resp: 70038
 Ion Ratio Lower Upper
 248 100
 250 203.6 77.8 116.8#
 141 425.0 42.7 64.1#

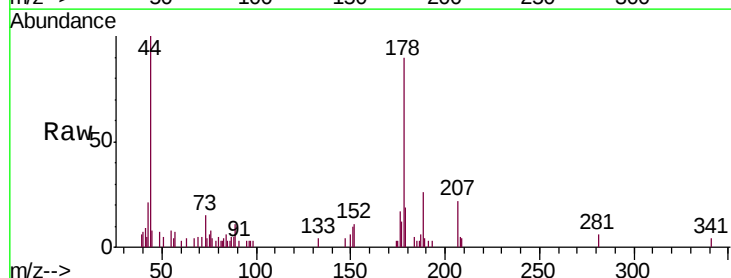


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

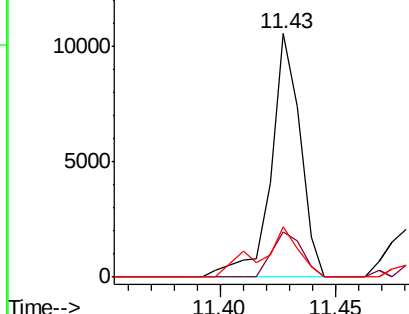
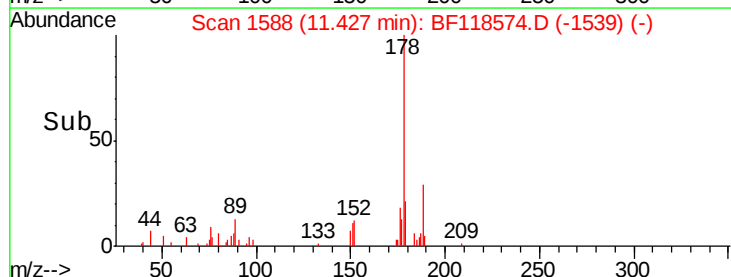


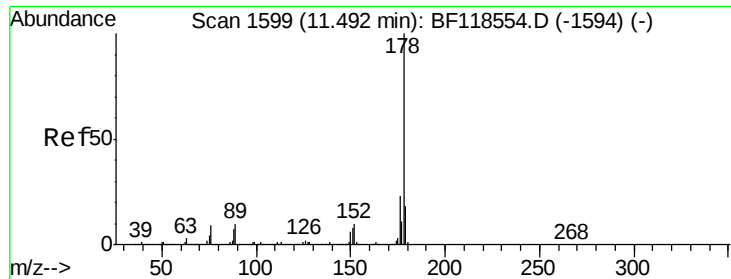
#71
 Phenanthrene
 Concen: 0.150 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF118574.D
 Acq: 17 Jan 2020 22:46

Tgt Ion: 178 Resp: 9215
 Ion Ratio Lower Upper
 178 100
 176 18.5 18.6 28.0#
 179 20.8 14.6 22.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 0.151 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.06 min

Lab File: BF118574.D

Acq: 17 Jan 2020 22:46

Instrument :

BNA_F

ClientSampleId :

WASTE-CHARACTERIZATION

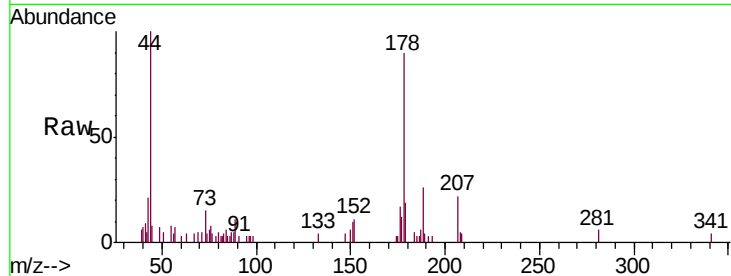
Tgt Ion:178 Resp: 9215

Ion Ratio Lower Upper

178 100

176 18.5 18.1 27.1

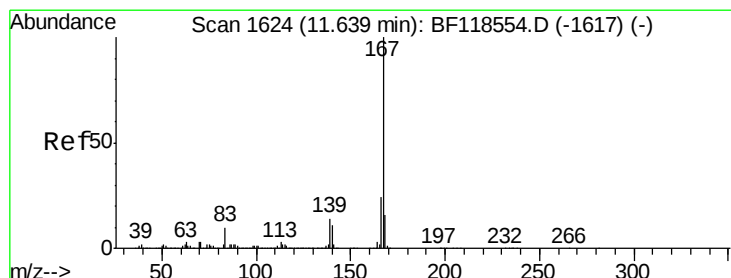
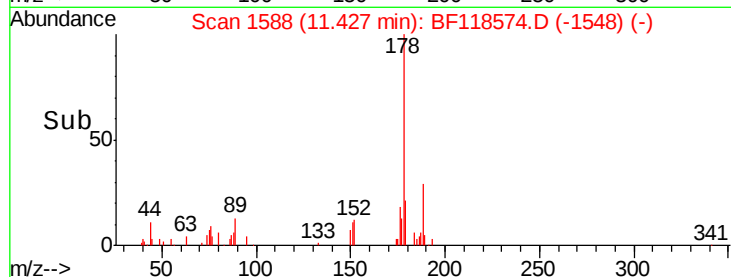
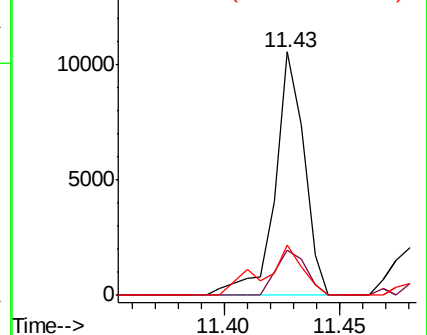
179 20.8 14.7 22.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 0.018 ng

RT: 11.62 min Scan# 1621

Delta R.T. -0.02 min

Lab File: BF118574.D

Acq: 17 Jan 2020 22:46

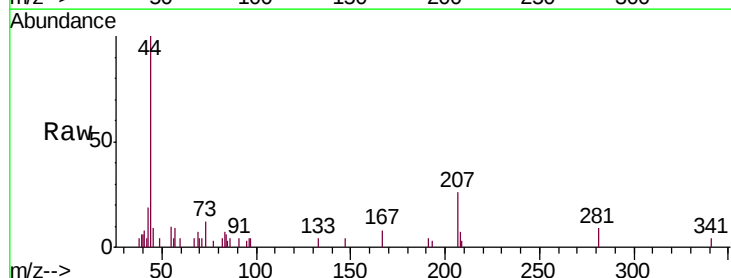
Tgt Ion:167 Resp: 1008

Ion Ratio Lower Upper

167 100

166 0.0 19.5 29.3#

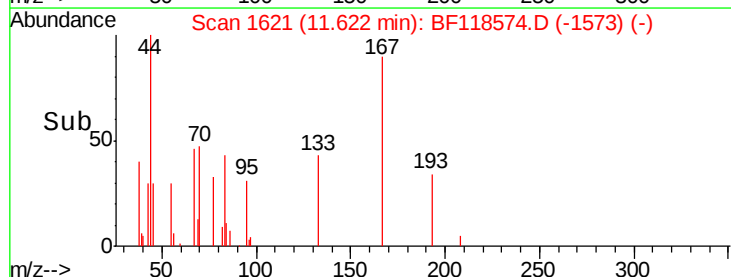
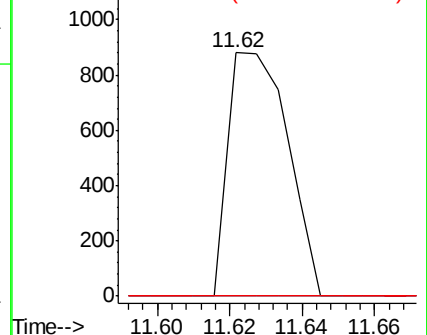
139 0.0 11.5 17.3#

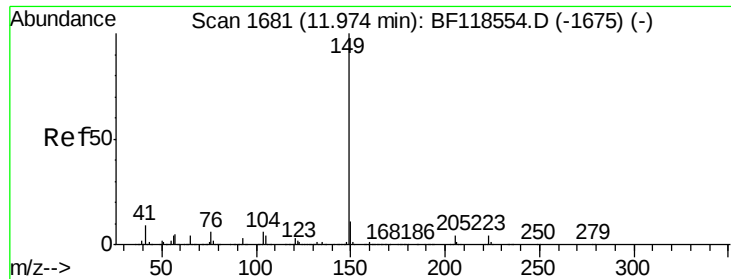


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.088 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.01 min

Lab File: BF118574.D

Acq: 17 Jan 2020 22:46

Instrument :

BNA_F

ClientSampleId :

WASTE-CHARACTERIZATION

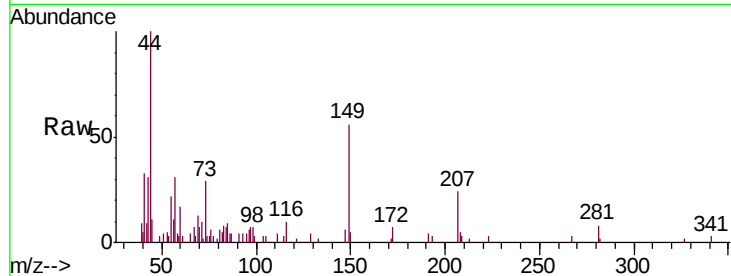
Tgt Ion:149 Resp: 6004

Ion Ratio Lower Upper

149 100

150 8.2 9.0 13.6#

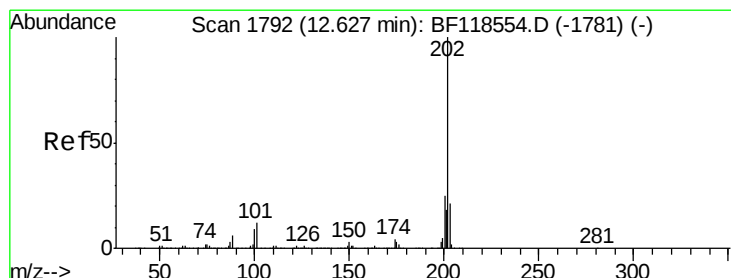
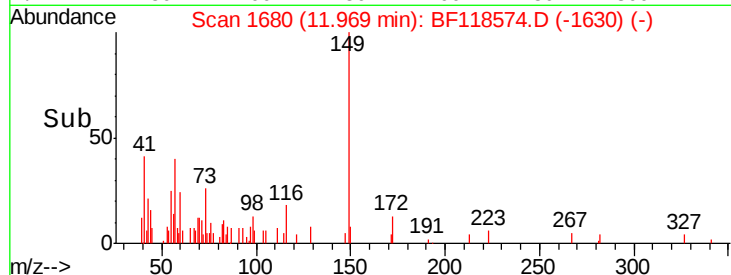
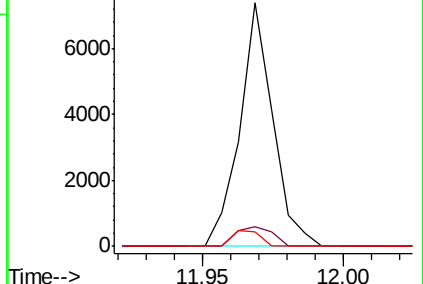
104 5.9 5.0 7.4



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: 0.049 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF118574.D

Acq: 17 Jan 2020 22:46

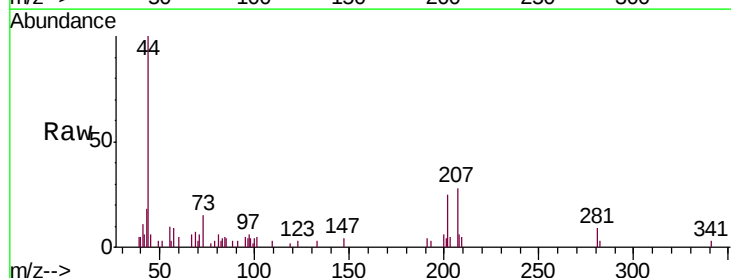
Tgt Ion:202 Resp: 3232

Ion Ratio Lower Upper

202 100

101 18.4 0.0 31.9

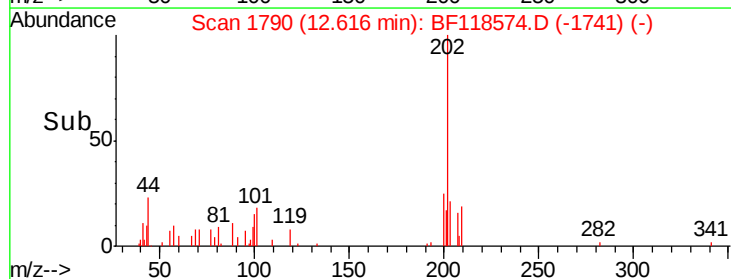
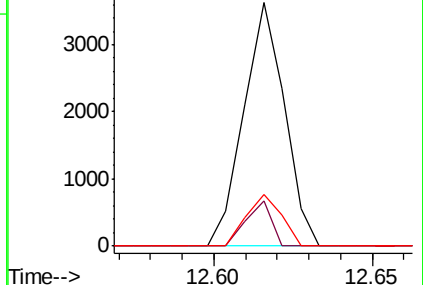
203 21.0 0.9 40.9

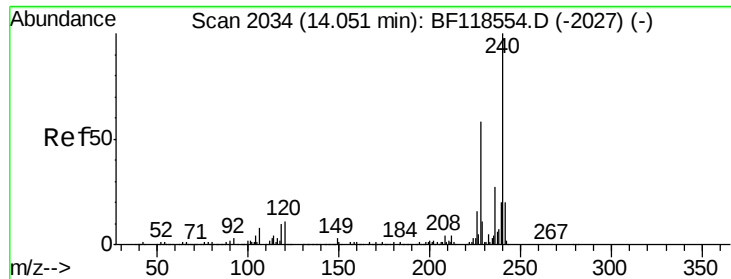


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

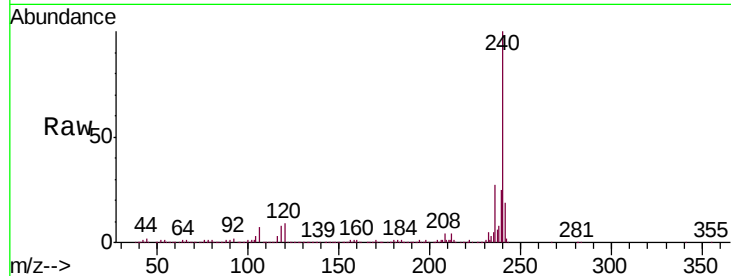




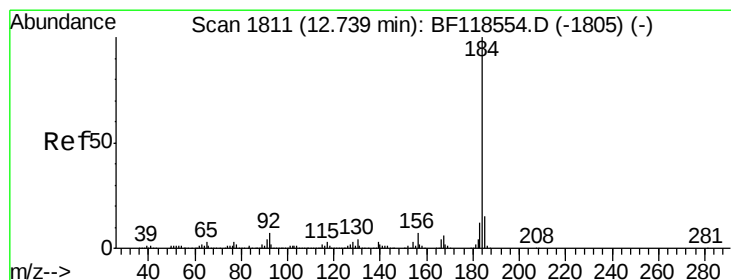
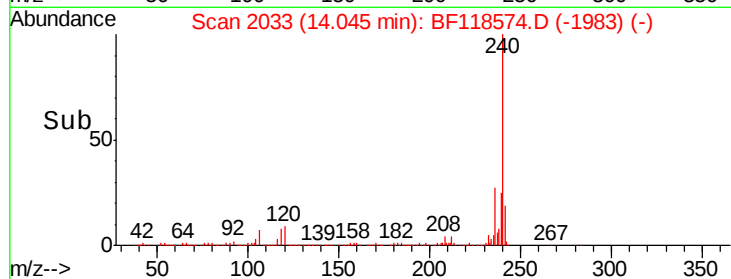
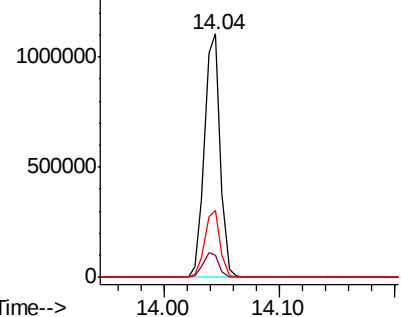
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF118574.D
 Acq: 17 Jan 2020 22:46

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-CHARACTERIZATION

Tgt Ion:240 Resp: 1042011
 Ion Ratio Lower Upper
 240 100
 120 9.2 8.7 13.1
 236 27.3 21.8 32.8

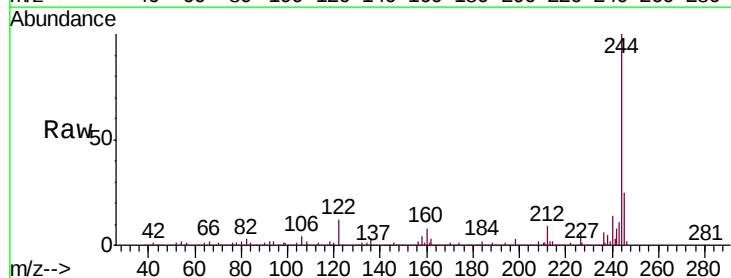


Abundance Ion 240.00 (239.70 to 240.70): E
 1500000 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

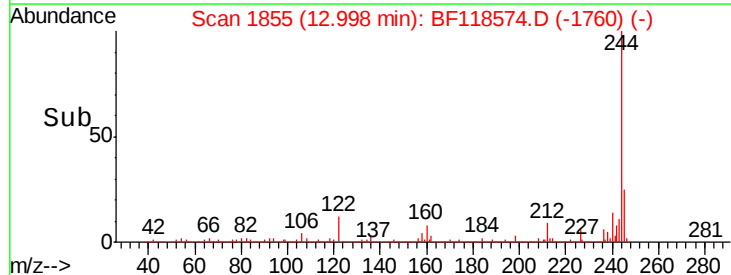
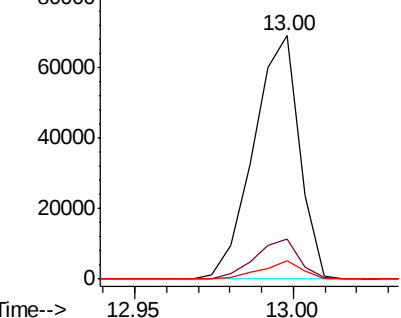


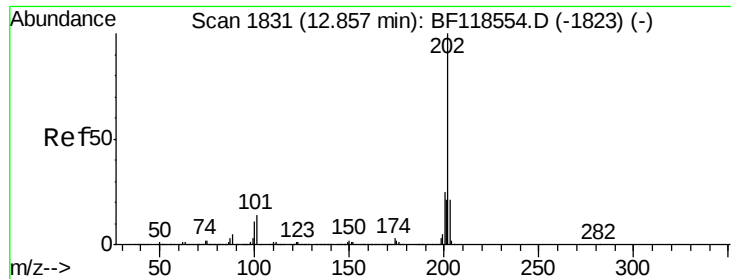
#77
 Benzidine
 Concen: 2.744 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. 0.26 min
 Lab File: BF118574.D
 Acq: 17 Jan 2020 22:46

Tgt Ion:184 Resp: 69481
 Ion Ratio Lower Upper
 184 100
 185 16.5 12.3 18.5
 183 7.8 9.5 14.3#



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

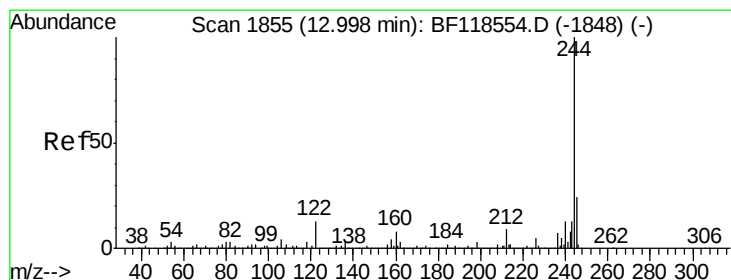
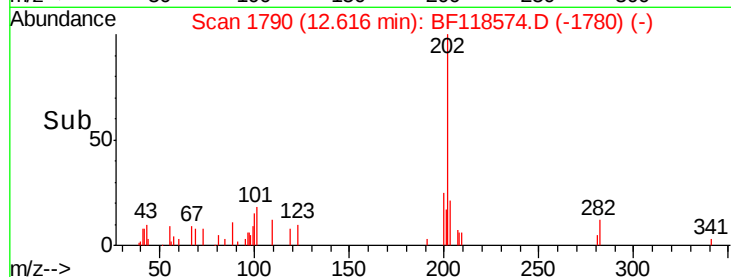
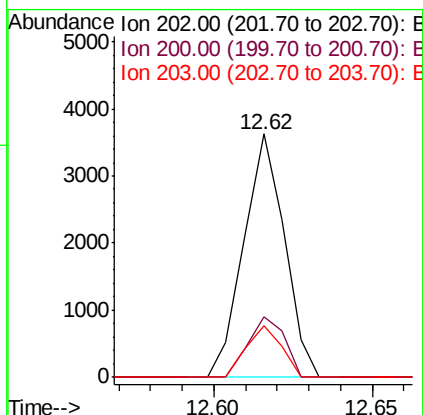
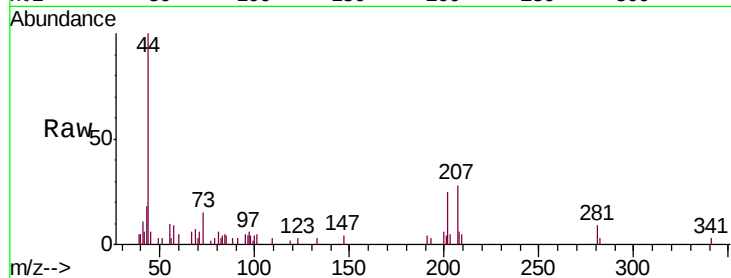




#78
 Pyrene
 Concen: 0.042 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. -0.24 min
 Lab File: BF118574.D
 Acq: 17 Jan 2020 22:46

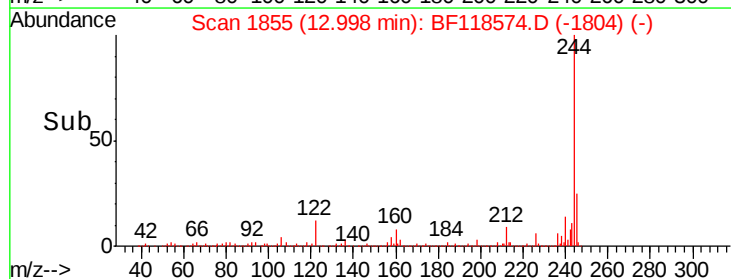
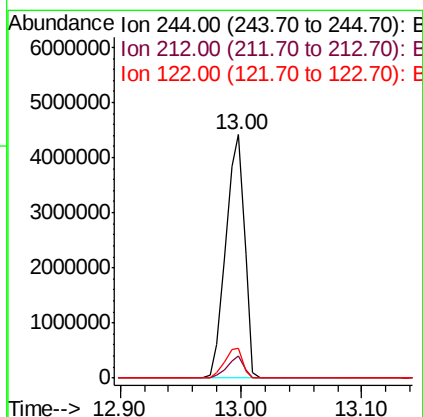
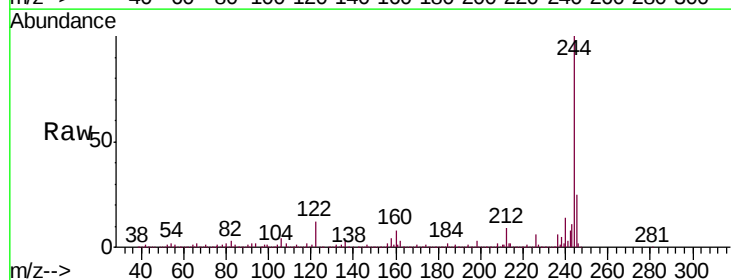
Instrument :
 BNA_F
 ClientSampleId :
 WASTE-CHARACTERIZATION

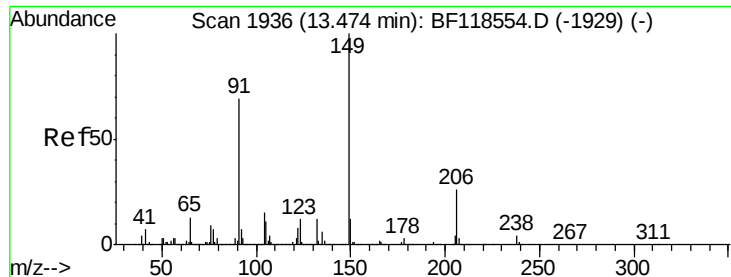
Tgt Ion	Ratio	Lower	Upper
202	100		
200	25.0	20.2	30.4
203	21.0	16.6	25.0



#79
 Terphenyl-d14
 Concen: 89.975 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: BF118574.D
 Acq: 17 Jan 2020 22:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.4
122	12.5	10.4	15.6

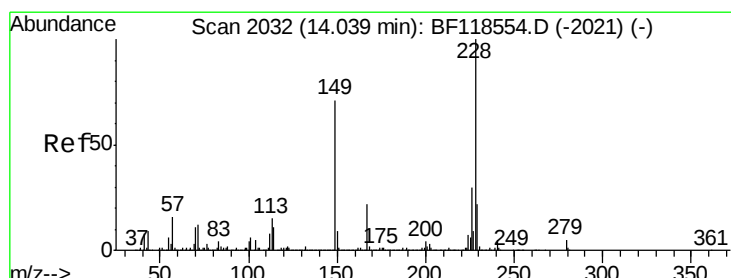
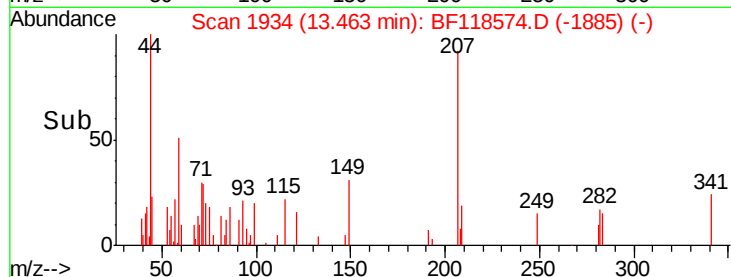
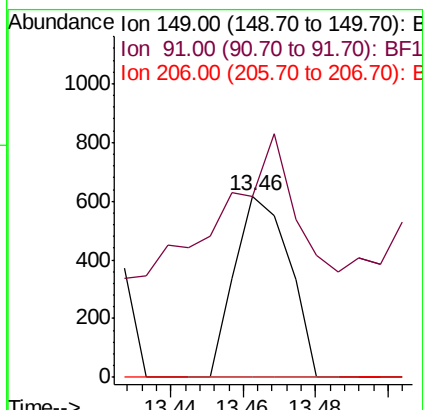
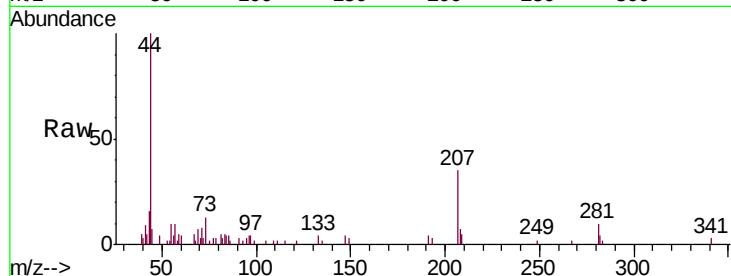




#80
Butylbenzylphthalate
Concen: 0.019 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BF118574.D
Acq: 17 Jan 2020 22:46

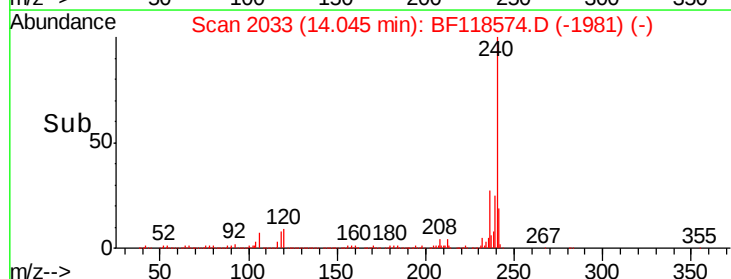
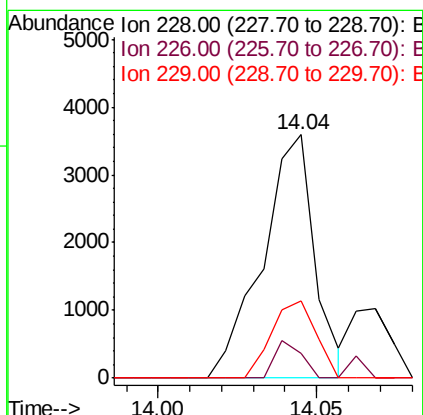
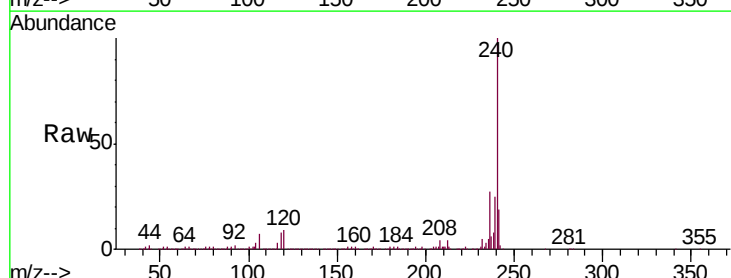
Instrument :
BNA_F
ClientSampleId :
WASTE-CHARACTERIZATION

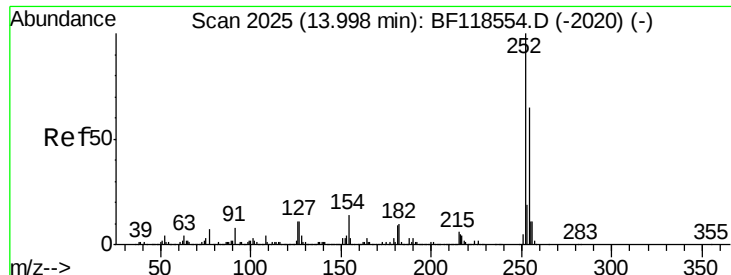
Tgt Ion:149 Resp: 649
Ion Ratio Lower Upper
149 100
91 100.3 55.5 83.3#
206 0.0 20.7 31.1#



#81
Benzo(a)anthracene
Concen: 0.063 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF118574.D
Acq: 17 Jan 2020 22:46

Tgt Ion:228 Resp: 4117
Ion Ratio Lower Upper
228 100
226 10.1 23.7 35.5#
229 32.0 17.3 25.9#





#82

3,3'-Dichlorobenzidine

Concen: 0.010 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF118574.D

Acq: 17 Jan 2020 22:46

Instrument :

BNA_F

ClientSampleId :

WASTE-CHARACTERIZATION

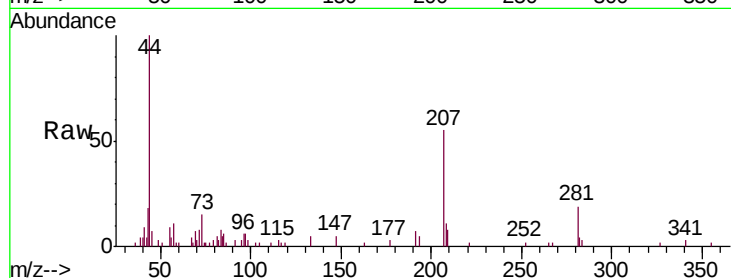
Tgt Ion:252 Resp: 238

Ion Ratio Lower Upper

252 100

254 0.0 52.0 78.0#

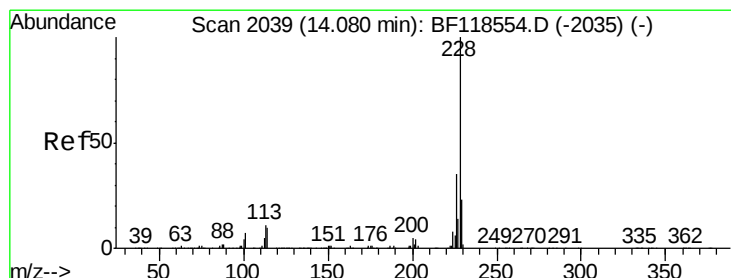
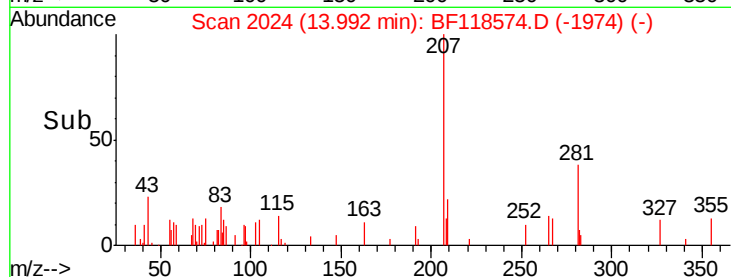
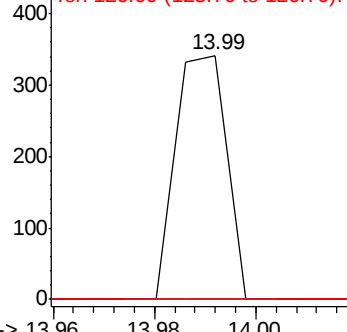
126 0.0 9.1 13.7#



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: 0.065 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.04 min

Lab File: BF118574.D

Acq: 17 Jan 2020 22:46

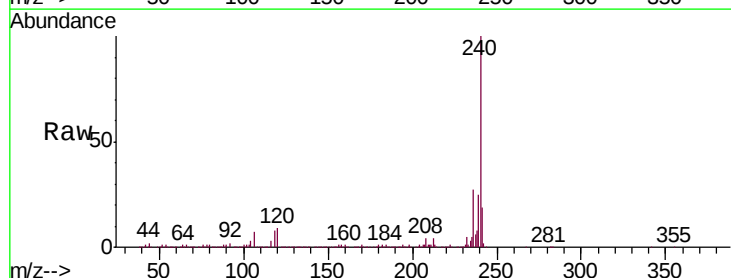
Tgt Ion:228 Resp: 4117

Ion Ratio Lower Upper

228 100

226 10.1 28.2 42.2#

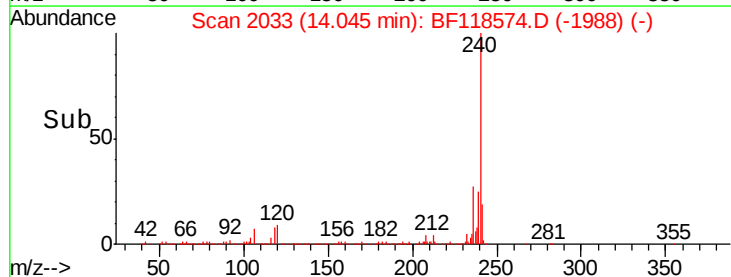
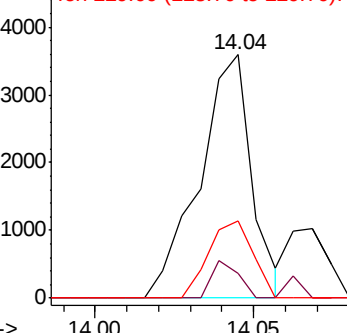
229 32.0 18.2 27.2#

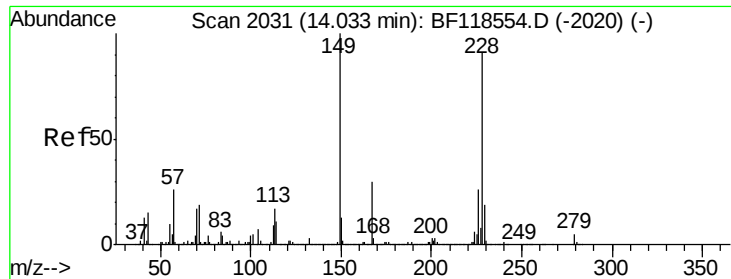


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.145 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF118574.D

Acq: 17 Jan 2020 22:46

Instrument :

BNA_F

ClientSampleId :

WASTE-CHARACTERIZATION

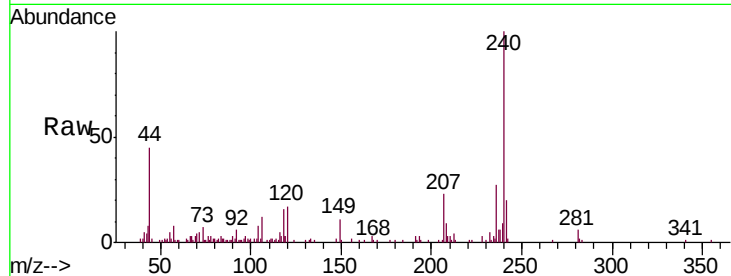
Tgt Ion:149 Resp: 5991

Ion Ratio Lower Upper

149 100

167 30.3 23.9 35.9

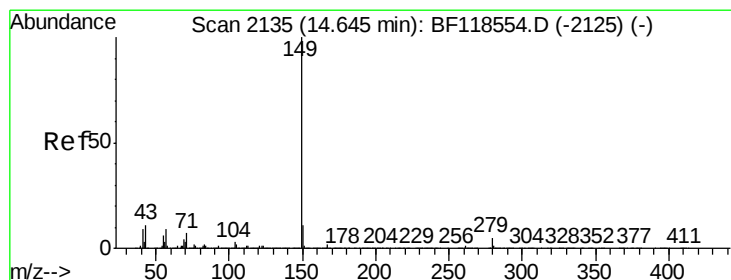
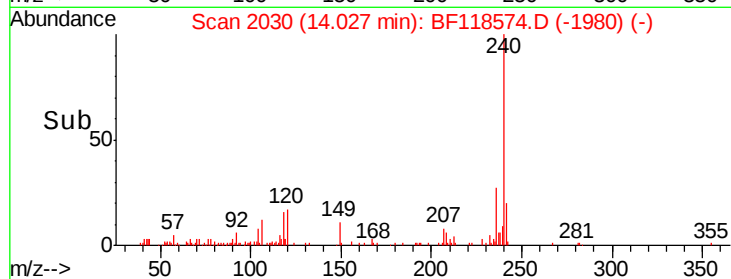
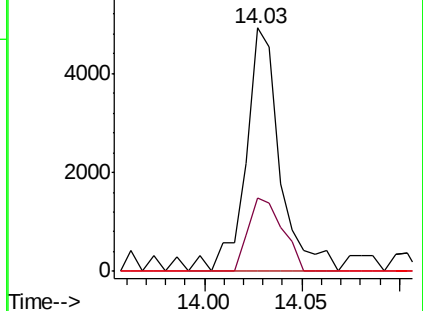
279 0.0 4.2 6.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.024 ng

RT: 14.62 min Scan# 2130

Delta R.T. -0.03 min

Lab File: BF118574.D

Acq: 17 Jan 2020 22:46

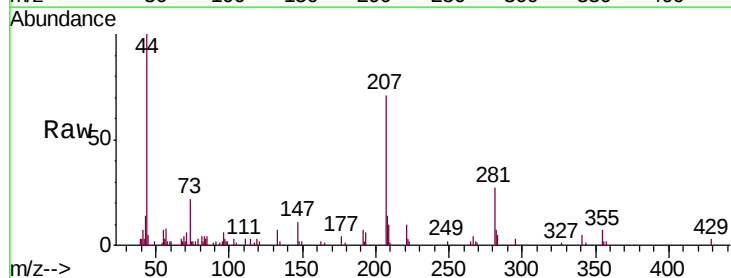
Tgt Ion:149 Resp: 1531

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.2#

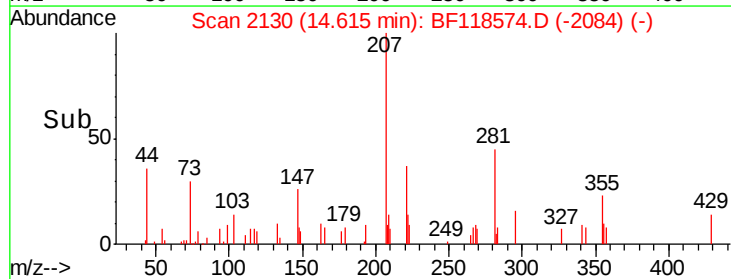
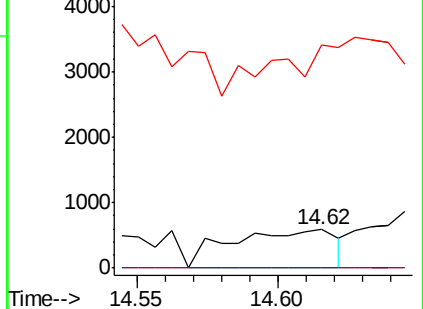
43 171.9 8.9 13.3#

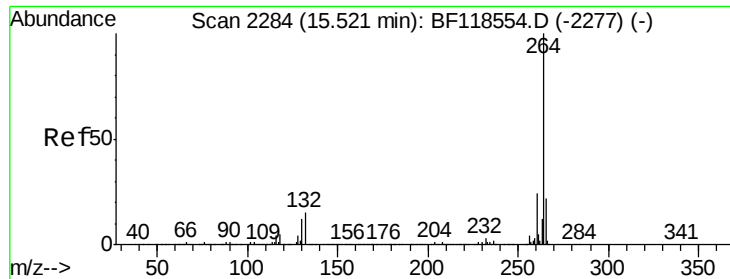


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



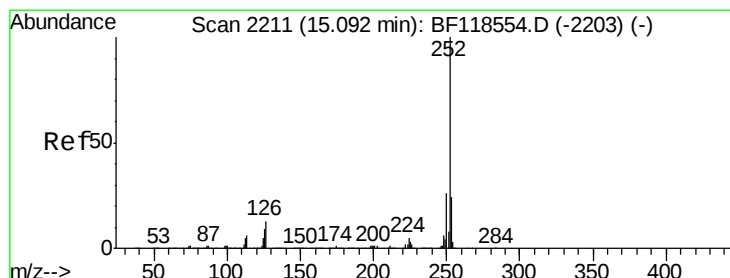
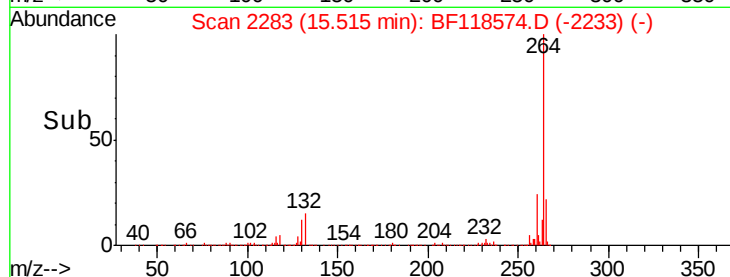
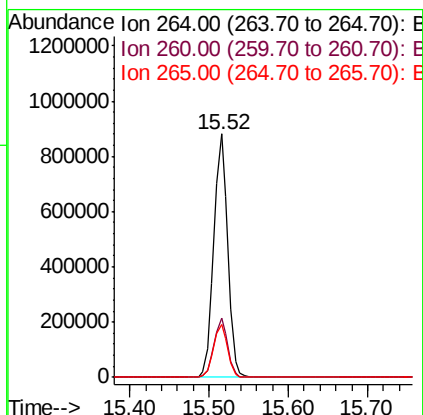
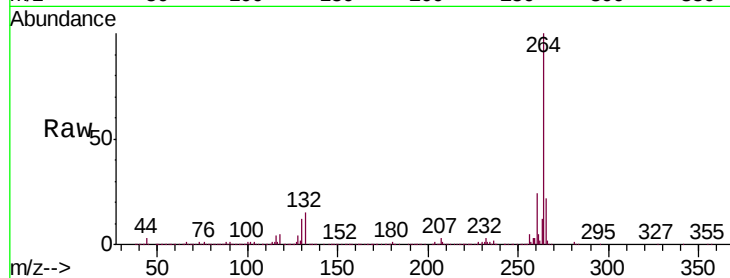


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF118574.D
Acq: 17 Jan 2020 22:46

Instrument :
BNA_F
ClientSampleId :
WASTE-CHARACTERIZATION

Tgt Ion: 264 Resp: 1078939

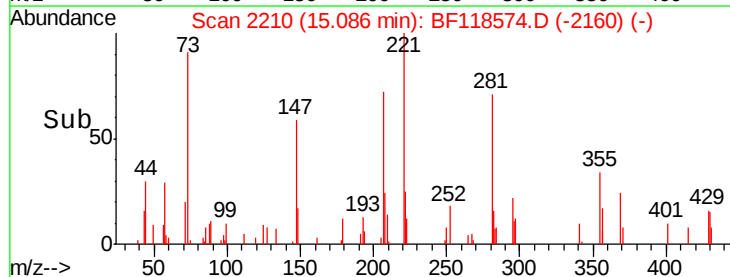
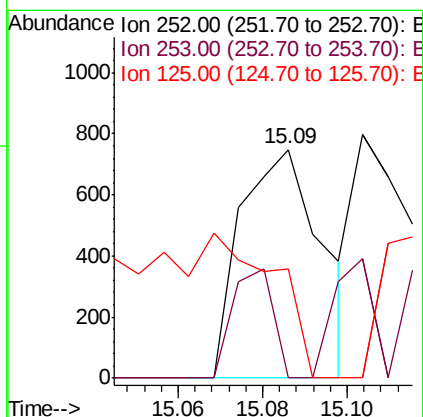
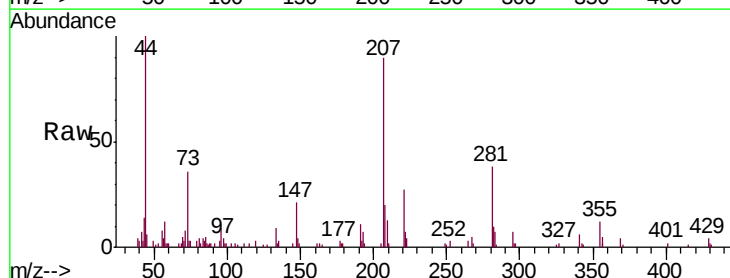
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	21.8	17.6	26.4

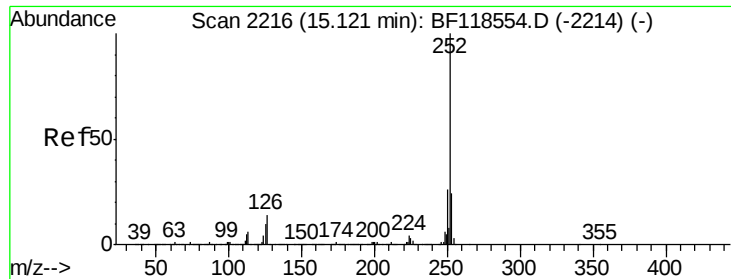


#88
Benzo(b)fluoranthene
Concen: 0.014 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF118574.D
Acq: 17 Jan 2020 22:46

Tgt Ion: 252 Resp: 995

Ion	Ratio	Lower	Upper
252	100		
253	0.0	19.1	28.7#
125	47.9	7.5	11.3#

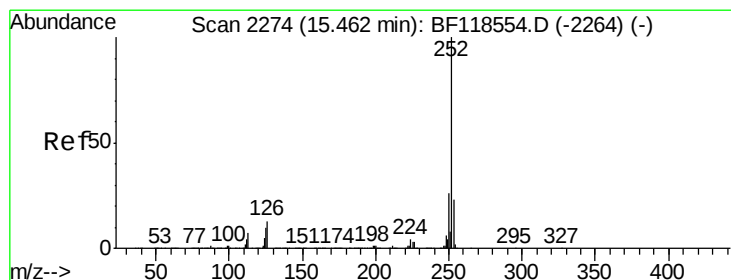
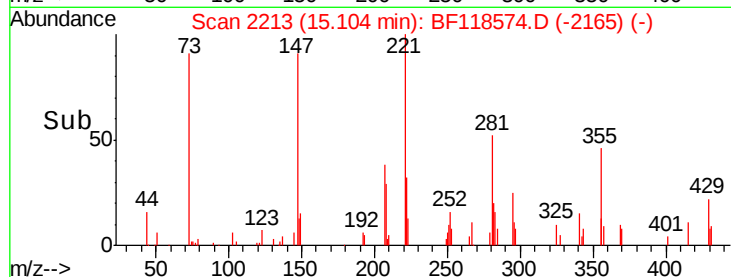
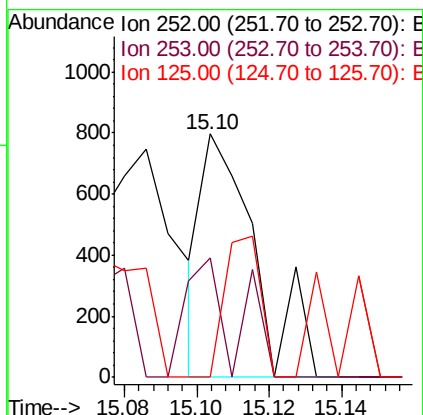
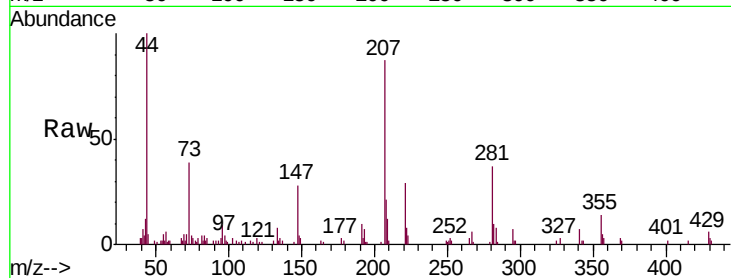




#89
Benzo(k)fluoranthene
Concen: 0.013 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BF118574.D
Acq: 17 Jan 2020 22:46

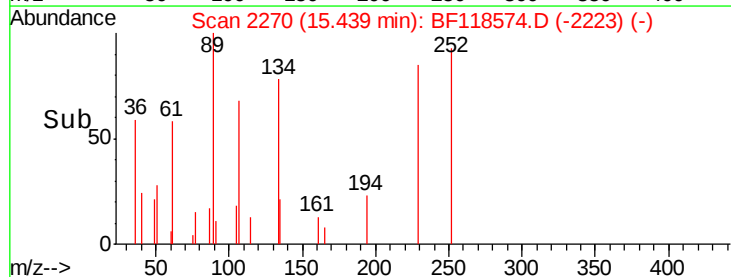
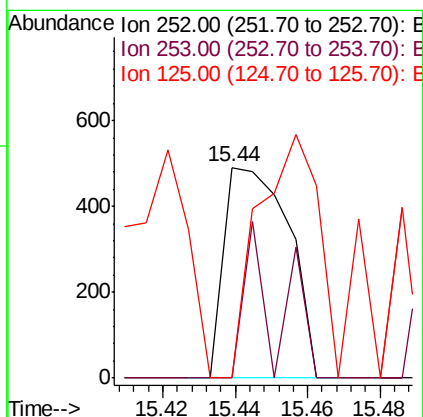
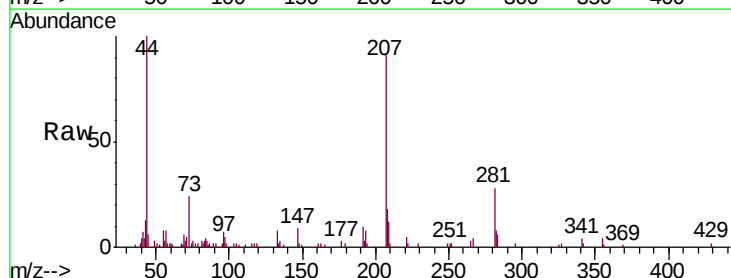
Instrument :
BNA_F
ClientSampleId :
WASTE-CHARACTERIZATION

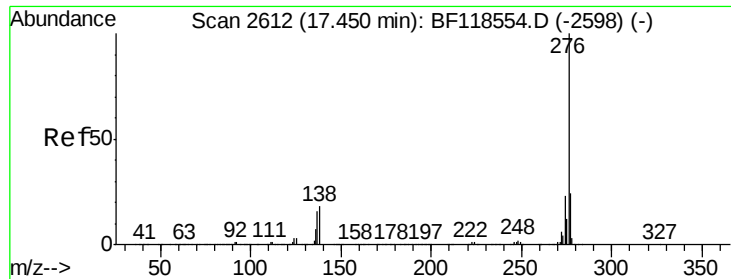
Tgt Ion:252 Resp: 818
Ion Ratio Lower Upper
252 100
253 48.9 19.0 28.4#
125 0.0 7.8 11.8#



#90
Benzo(a)pyrene
Concen: 0.010 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BF118574.D
Acq: 17 Jan 2020 22:46

Tgt Ion:252 Resp: 608
Ion Ratio Lower Upper
252 100
253 0.0 18.3 27.5#
125 0.0 7.8 11.6#

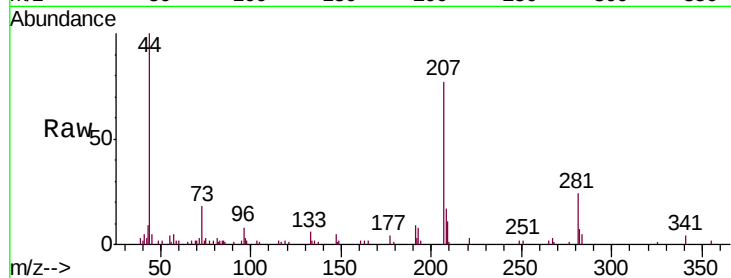




#92
 Benzo(g,h,i)perylene
 Concen: 0.003 ng
 RT: 17.42 min Scan# 2607
 Delta R.T. -0.03 min
 Lab File: BF118574.D
 Acq: 17 Jan 2020 22:46

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-CHARACTERIZATION

Tgt Ion	Ratio	Lower	Upper
276	100		
277	0.0	19.1	28.7#
138	0.0	14.7	22.1#



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

