

Data File : BF118647.D
Acq On : 21 Jan 2020 22:13
Operator : CG/JU
Sample : L1004-12MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

Quant Time: Jan 22 04:21:23 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	400151	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1463985	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	810386	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	1505123	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1093575	20.00	ng	0.00
87) Perylene-d12	15.51	264	959291	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	2689871	124.85	ng	0.02
7) Phenol-d6	6.52	99	3375493	120.54	ng	0.00
23) Nitrobenzene-d5	7.44	82	2425096	92.65	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	1316749	140.48	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	4238683	85.97	ng	0.00
79) Terphenyl-d14	12.99	244	4973846	99.20	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.86	88	431411	41.341 ng	97
3) Pyridine	3.56	79	787876	26.787 ng	98
4) n-Nitrosodimethylamine	3.49	42	513979	40.760 ng	85
6) Aniline	6.55	93	276976	7.511 ng	98
8) 2-Chlorophenol	6.67	128	1140299	47.153 ng	99
9) Benzaldehyde	6.43	77	644836	37.864 ng	98
10) Phenol	6.53	94	1248996	39.137 ng	95
11) bis(2-Chloroethyl)ether	6.62	93	1096816	46.323 ng	99
12) 1,3-Dichlorobenzene	6.82	146	1280242	45.230 ng	99
13) 1,4-Dichlorobenzene	6.90	146	1285082	45.228 ng	99
14) 1,2-Dichlorobenzene	7.05	146	1219817	45.669 ng	99
15) Benzyl Alcohol	7.02	79	1052119	47.377 ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1425295	43.217 ng	99
17) 2-Methylphenol	7.13	107	945006	46.913 ng	98
18) Hexachloroethane	7.40	117	451320	43.805 ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	832449	44.025 ng	99
20) 3+4-Methylphenols	7.28	107	1122226	45.630 ng	95
22) Acetophenone	7.29	105	1514363	43.666 ng	96
24) Nitrobenzene	7.46	77	1237096	46.161 ng	99
25) Isophorone	7.70	82	2205570	46.200 ng	99
26) 2-Nitrophenol	7.77	139	612332	53.579 ng	99
27) 2,4-Dimethylphenol	7.81	122	1028723	52.127 ng	97
28) bis(2-Chloroethoxy)methane	7.91	93	1360905	44.242 ng	99
29) 2,4-Dichlorophenol	8.02	162	1032709	47.337 ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	1135024	44.871 ng	99
31) Naphthalene	8.19	128	3184595	48.154 ng	100
32) Benzoic acid	7.93	122	613310	41.409 ng	95
33) 4-Chloroaniline	8.22	127	122951	4.022 ng	99
34) Hexachlorobutadiene	8.30	225	660661	42.888 ng	99
35) Caprolactam	8.59	113	144802	20.282 ng	94
36) 4-Chloro-3-methylphenol	8.71	107	1023268	47.498 ng	99
37) 2-Methylnaphthalene	8.87	142	2270188	48.632 ng	100
38) 1-Methylnaphthalene	8.97	142	2132486	48.084 ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1115969	44.011 ng	99

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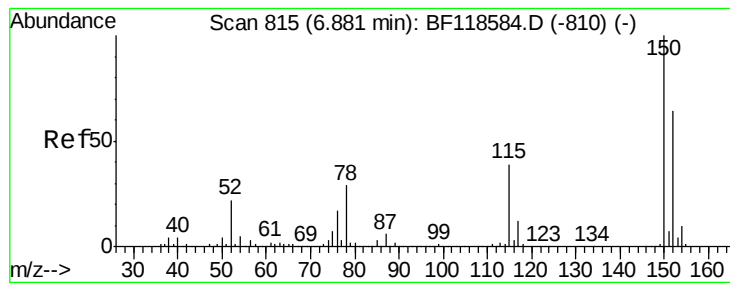
Quant Time: Jan 22 04:21:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	1215148	94.984	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	789735	46.935	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	831964	48.414	ng	99
46) 1,1'-Biphenyl	9.34	154	2665977	47.733	ng	99
47) 2-Chloronaphthalene	9.36	162	2170561	46.108	ng	99
48) 2-Nitroaniline	9.46	65	631552	43.642	ng	91
49) Acenaphthylene	9.78	152	3269938	49.375	ng	99
50) Dimethylphthalate	9.64	163	2672921	50.626	ng	100
51) 2,6-Dinitrotoluene	9.70	165	586410	49.600	ng	86
52) Acenaphthene	9.95	154	2269834	51.256	ng	99
53) 3-Nitroaniline	9.86	138	94589	7.007	ng	91
54) 2,4-Dinitrophenol	9.97	184	536244	113.611	ng	# 33
55) Dibenzofuran	10.13	168	2985801	48.653	ng	97
56) 4-Nitrophenol	10.03	139	973069	95.480	ng	89
57) 2,4-Dinitrotoluene	10.10	165	788446	52.900	ng	97
58) Fluorene	10.47	166	2300802	47.756	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	736531	48.729	ng	97
60) Diethylphthalate	10.34	149	2388470	46.658	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	1218817	46.515	ng	99
62) 4-Nitroaniline	10.48	138	541980	39.138	ng	96
63) Azobenzene	10.62	77	2319868	46.793	ng	93
65) 4,6-Dinitro-2-methylphenol	10.51	198	391370	59.134	ng	93
66) n-Nitrosodiphenylamine	10.57	169	2163241	47.658	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	845573	45.473	ng	99
68) Hexachlorobenzene	11.02	284	931082	44.164	ng	# 93
69) Atrazine	11.10	200	765521	48.658	ng	98
70) Pentachlorophenol	11.21	266	1084336	92.510	ng	98
71) Phenanthrene	11.43	178	3449212	47.501	ng	99
72) Anthracene	11.48	178	3540916	49.282	ng	99
73) Carbazole	11.63	167	3179356	48.242	ng	99
74) Di-n-butylphthalate	11.96	149	3498540	47.780	ng	99
75) Fluoranthene	12.62	202	3690165	48.183	ng	99
78) Pyrene	12.84	202	3707910	49.942	ng	99
80) Butylbenzylphthalate	13.46	149	1611744	53.044	ng	97
81) Benzo(a)anthracene	14.03	228	3097703	47.089	ng	99
82) 3,3'-Dichlorobenzidine	13.99	252	374099	15.959	ng	98
83) Chrysene	14.07	228	2985673	47.356	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	2012583	54.215	ng	99
85) Di-n-octyl phthalate	14.63	149	3114506	56.681	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	3169216	57.851	ng	99
88) Benzo(b)fluoranthene	15.08	252	2652736	43.993	ng	99
89) Benzo(k)fluoranthene	15.11	252	2652565	47.483	ng	99
90) Benzo(a)pyrene	15.45	252	2408744	46.308	ng	99
91) Dibenzo(a,h)anthracene	17.01	278	2605964	56.638	ng	98
92) Benzo(g,h,i)perylene	17.44	276	2725199	61.002	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

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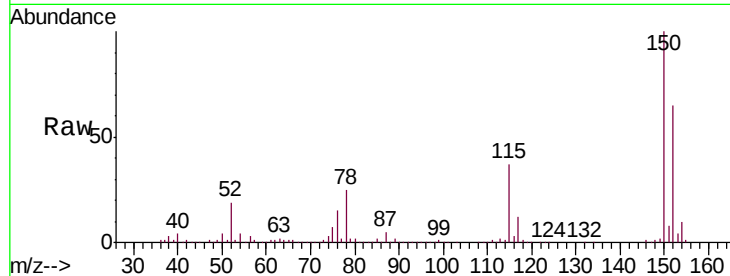
Tgt Ion:152 Resp: 400151

Ion Ratio Lower Upper

152 100

150 154.6 125.6 188.4

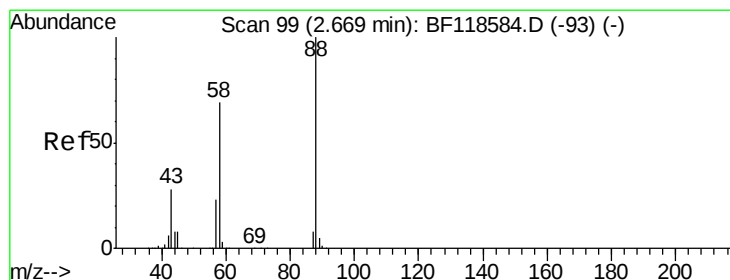
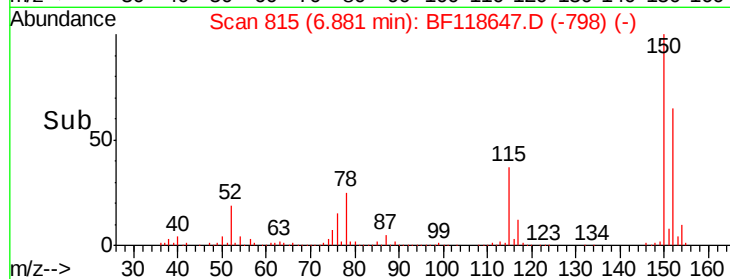
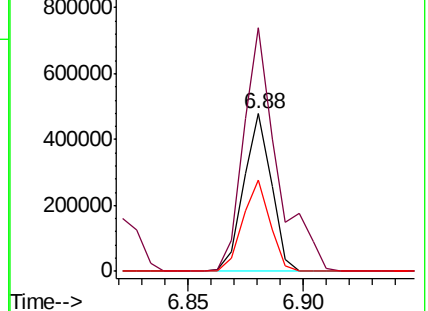
115 57.7 48.4 72.6



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: 41.341 ng

RT: 2.86 min Scan# 131

Delta R.T. 0.19 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

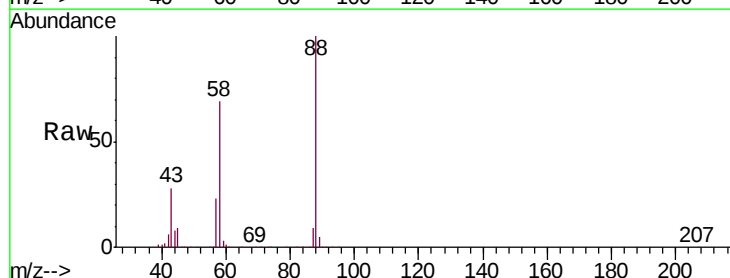
Tgt Ion: 88 Resp: 431411

Ion Ratio Lower Upper

88 100

58 67.5 56.1 84.1

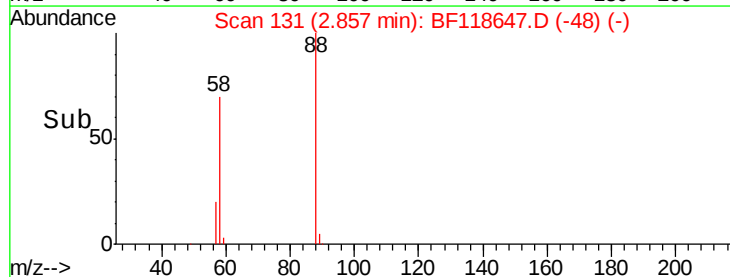
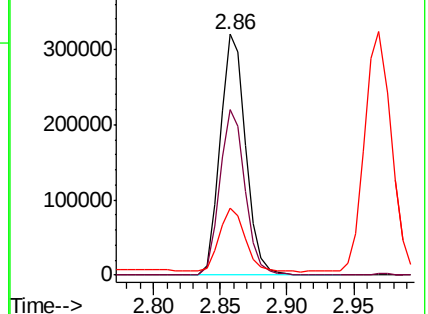
43 26.7 23.0 34.6

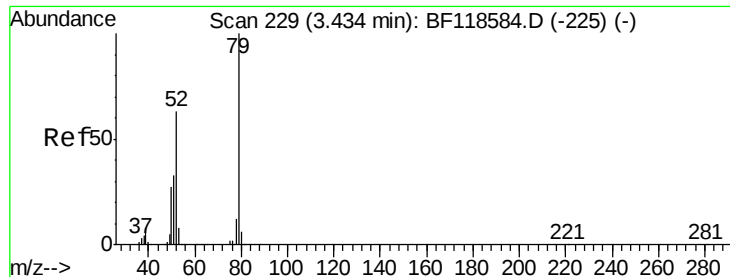


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 26.787 ng

RT: 3.56 min Scan# 251

Delta R.T. 0.13 min

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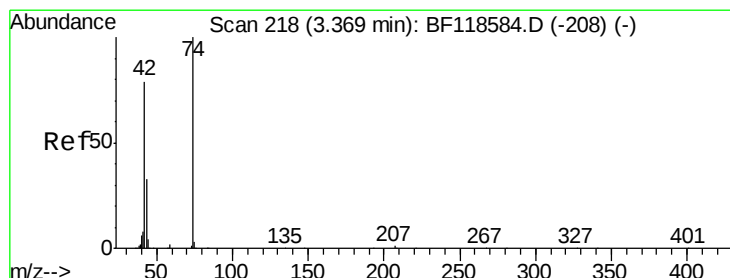
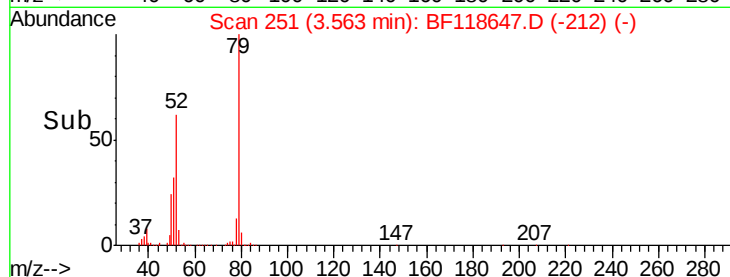
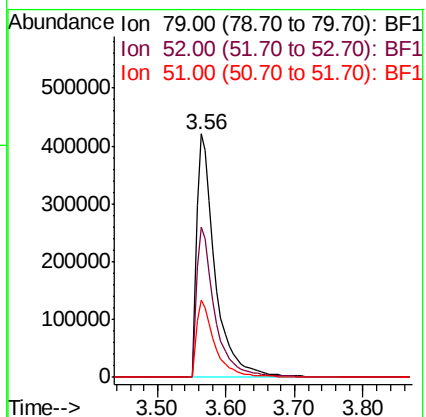
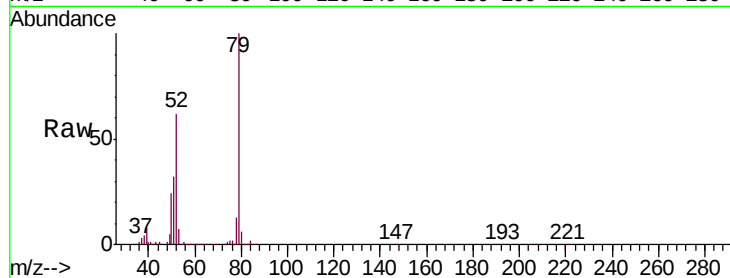
Tgt Ion: 79 Resp: 787876

Ion Ratio Lower Upper

79 100

52 61.9 50.7 76.1

51 31.9 26.6 40.0



#4

n-Nitrosodimethylamine

Concen: 40.760 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.12 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

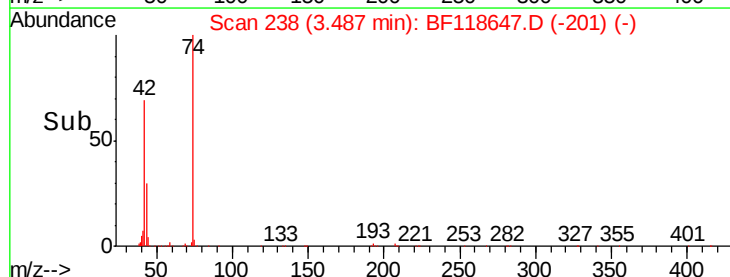
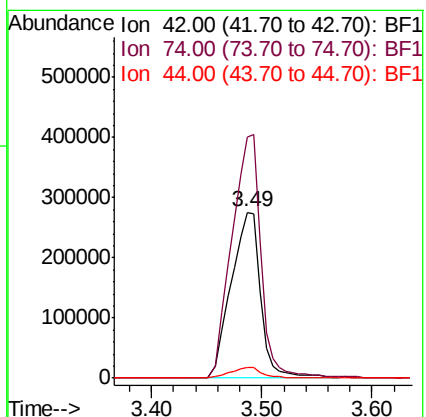
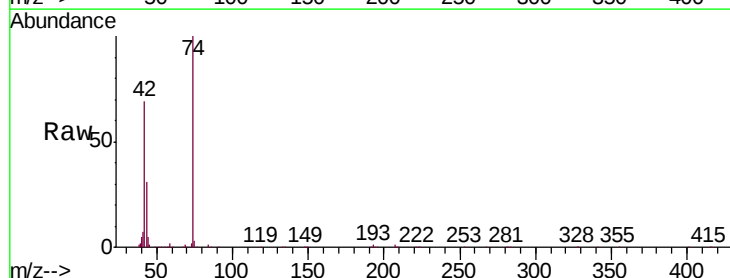
Tgt Ion: 42 Resp: 513979

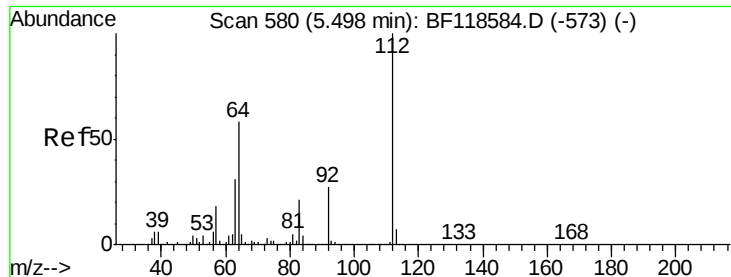
Ion Ratio Lower Upper

42 100

74 145.1 101.6 152.4

44 6.8 4.9 7.3





#5

2-Fluorophenol

Concen: 124.847 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.02 min

Lab File: BF118647.D

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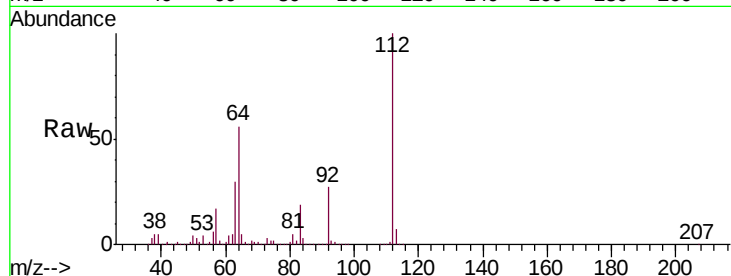
Tgt Ion:112 Resp: 2689871

Ion Ratio Lower Upper

112 100

64 56.1 46.6 70.0

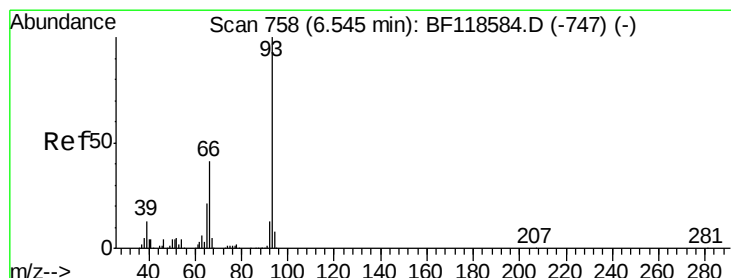
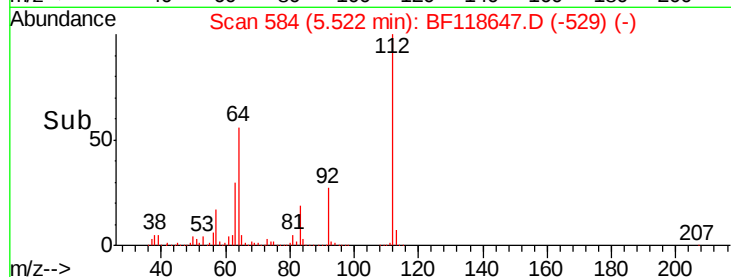
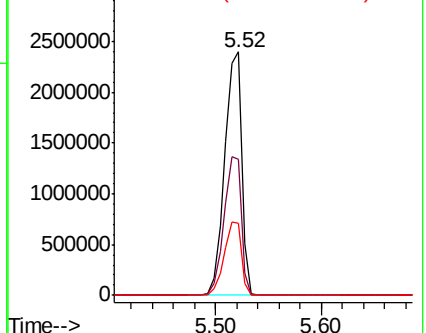
63 29.5 25.1 37.7



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: 7.511 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

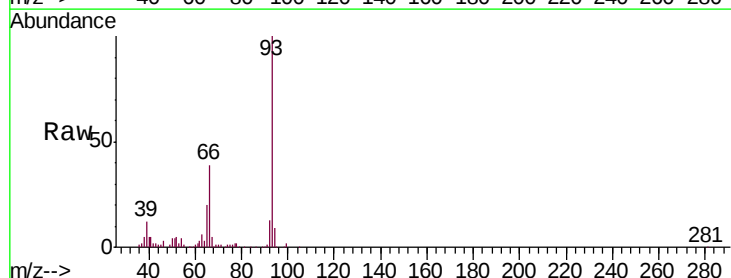
Tgt Ion: 93 Resp: 276976

Ion Ratio Lower Upper

93 100

66 39.1 32.8 49.2

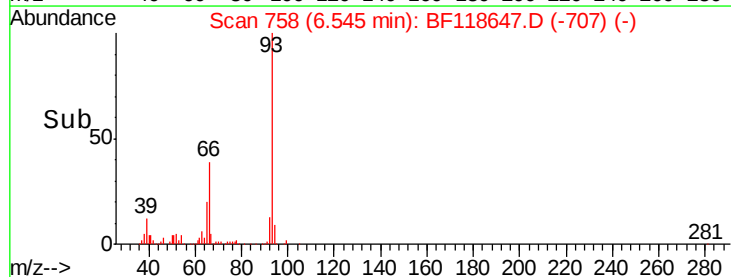
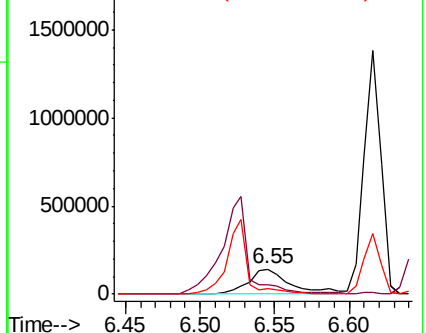
65 20.2 16.5 24.7

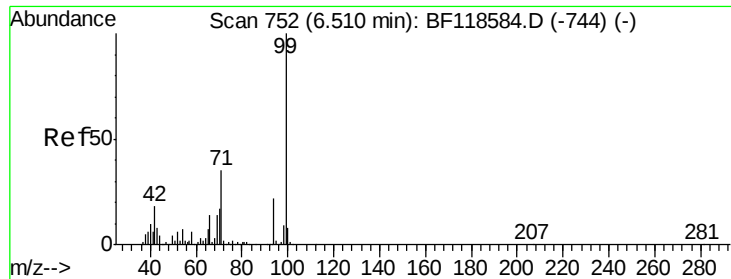


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.539 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

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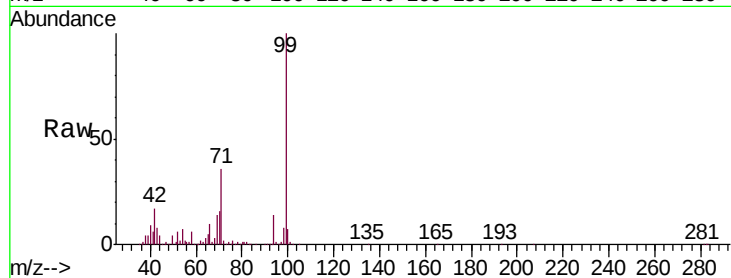
Tgt Ion: 99 Resp: 3375493

Ion Ratio Lower Upper

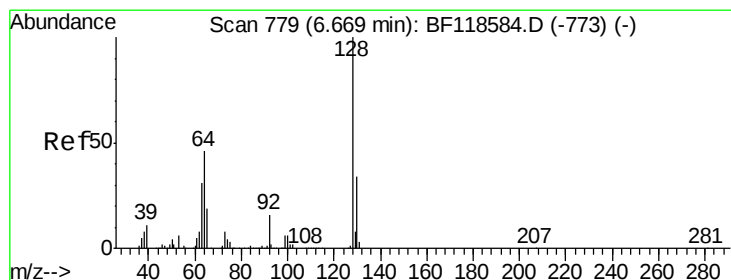
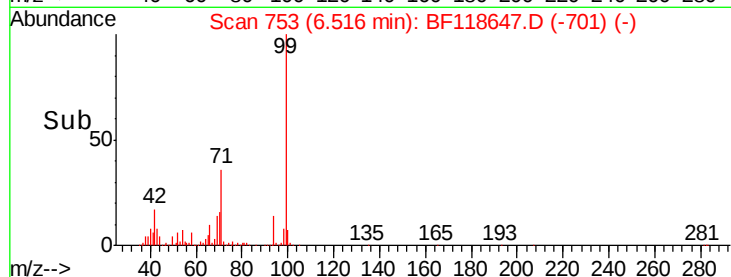
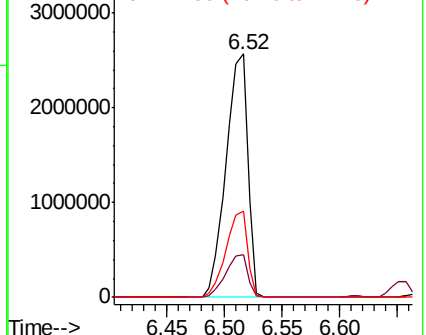
99 100

42 17.3 14.2 21.2

71 35.6 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: 47.153 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF118647.D

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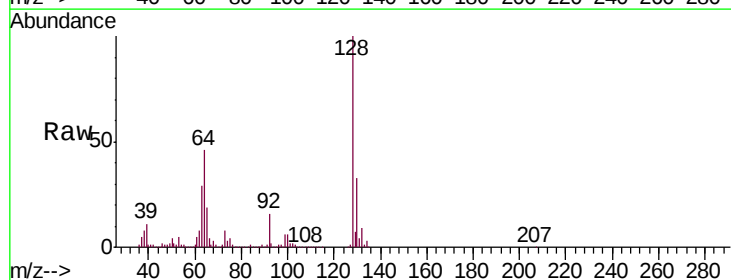
Tgt Ion: 128 Resp: 1140299

Ion Ratio Lower Upper

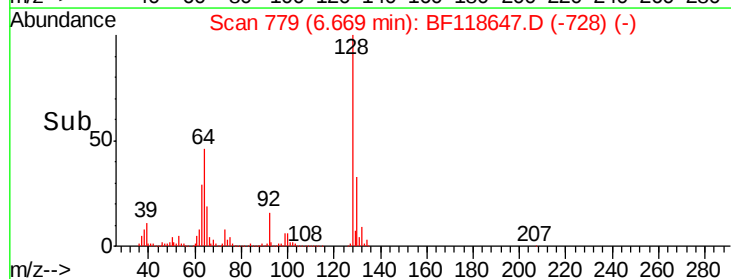
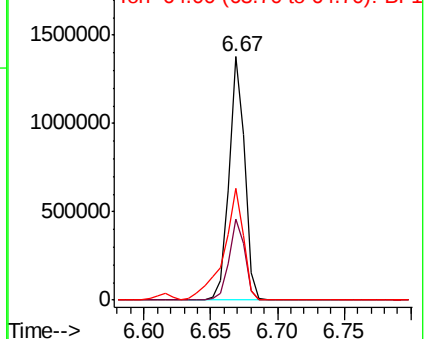
128 100

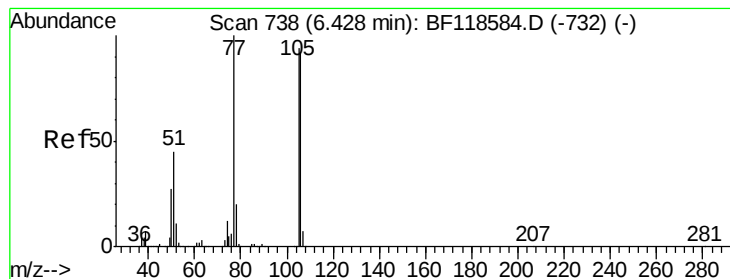
130 33.4 13.6 53.6

64 45.9 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: 37.864 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

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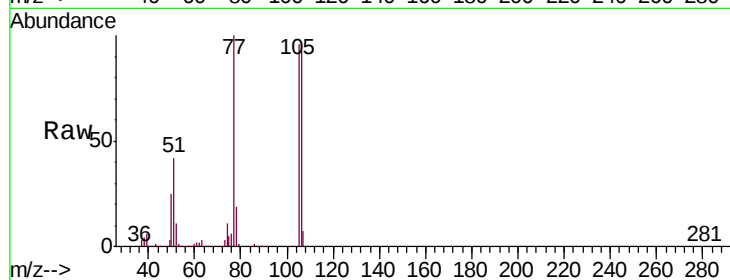
Tgt Ion: 77 Resp: 644836

Ion Ratio Lower Upper

77 100

105 96.3 73.5 113.5

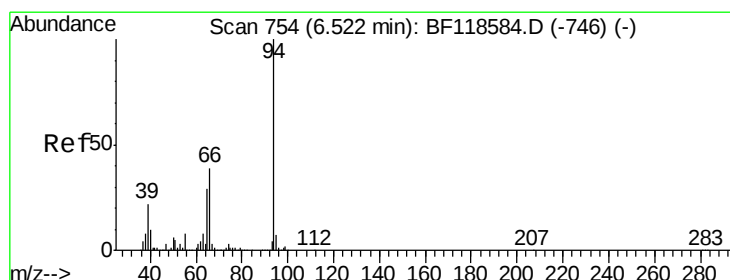
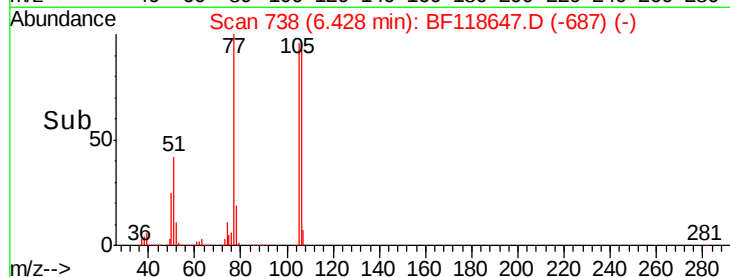
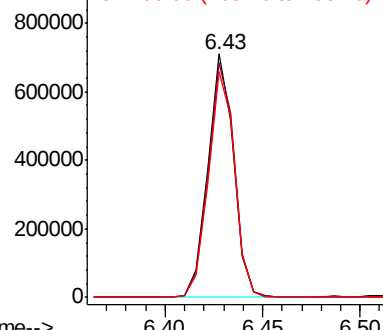
106 92.6 71.9 111.9



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: 39.137 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

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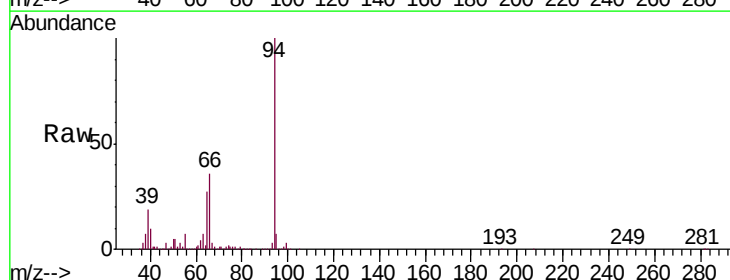
Tgt Ion: 94 Resp: 1248996

Ion Ratio Lower Upper

94 100

65 26.8 9.5 49.5

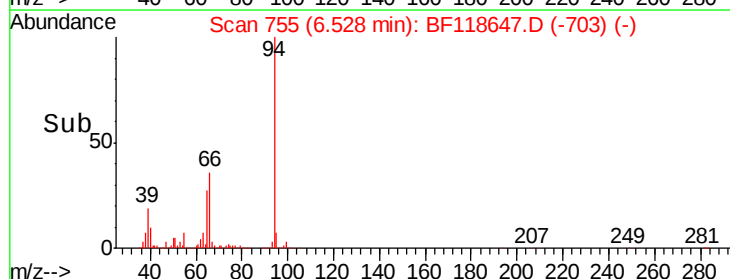
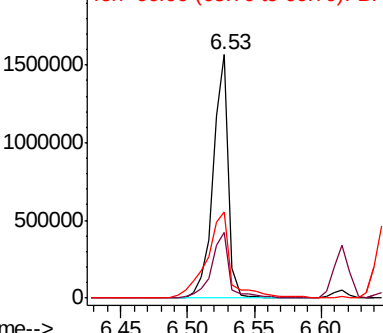
66 35.6 18.5 58.5

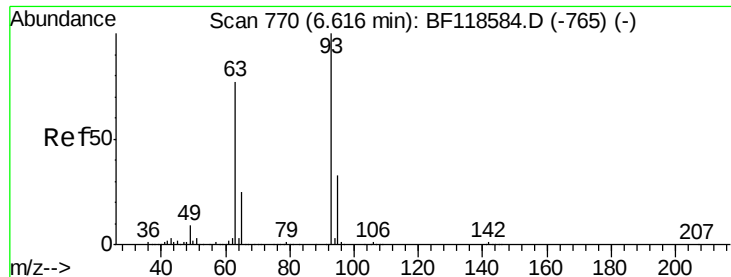


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

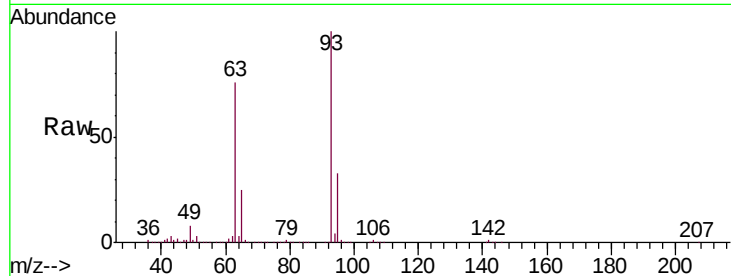




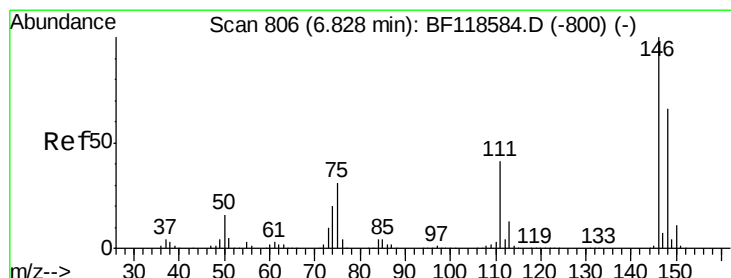
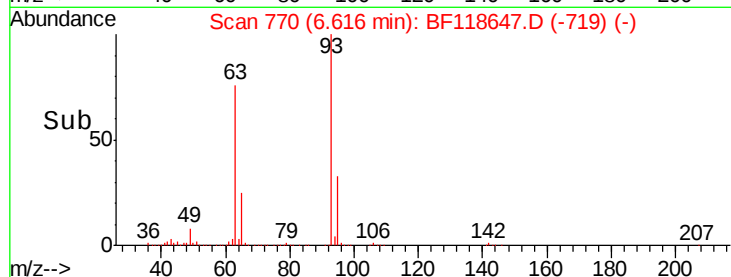
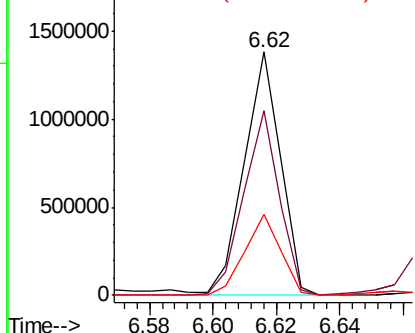
#11
bis(2-Chloroethyl)ether
Concen: 46.323 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

Tgt Ion: 93 Resp: 1096816
Ion Ratio Lower Upper
93 100
63 75.7 56.3 96.3
95 33.3 13.3 53.3

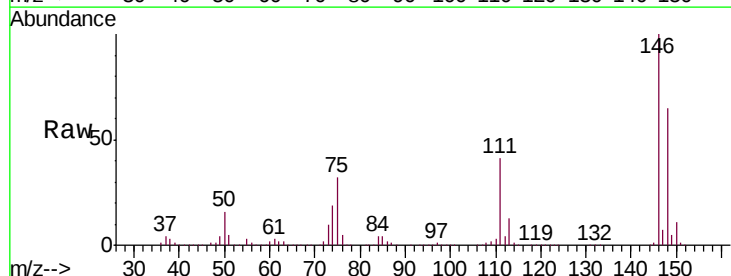


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

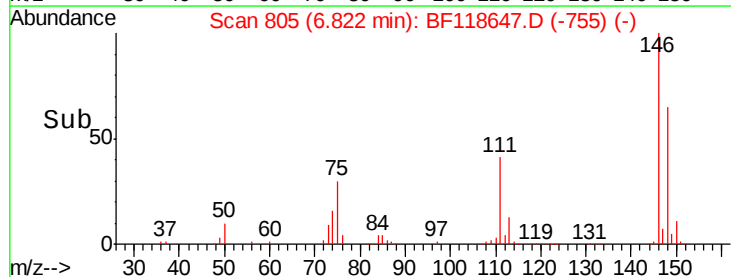
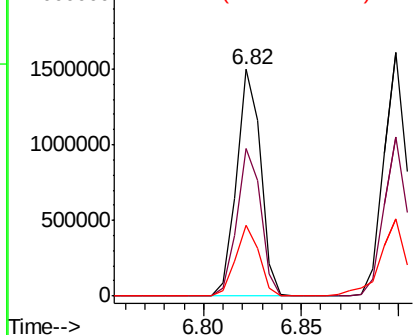


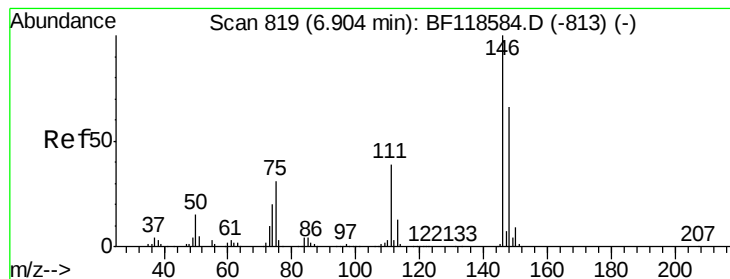
#12
1,3-Dichlorobenzene
Concen: 45.230 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion: 146 Resp: 1280242
Ion Ratio Lower Upper
146 100
148 65.3 53.0 79.6
75 31.5 25.1 37.7



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





#13

1,4-Dichlorobenzene

Concen: 45.228 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MSD

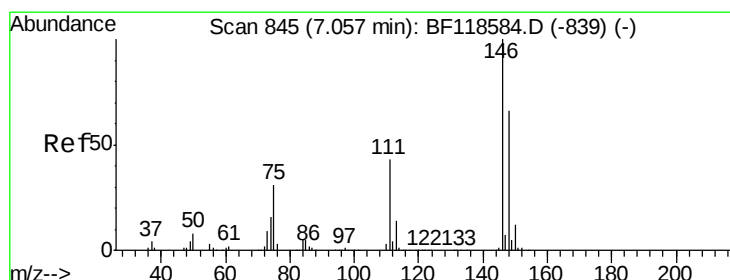
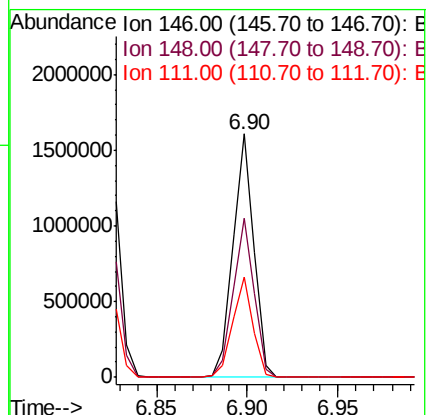
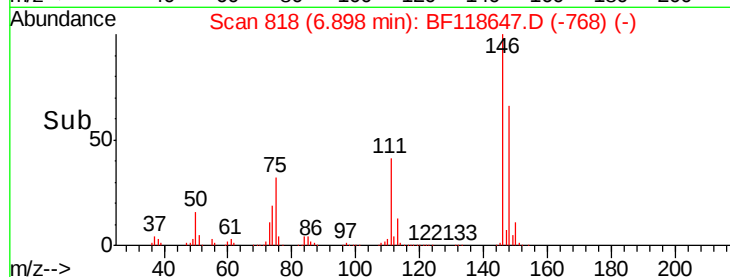
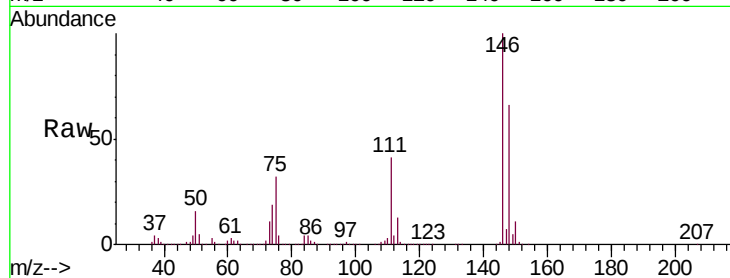
Tgt Ion:146 Resp: 1285082

Ion Ratio Lower Upper

146 100

148 65.5 52.4 78.6

111 41.0 31.6 47.4



#14

1,2-Dichlorobenzene

Concen: 45.669 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

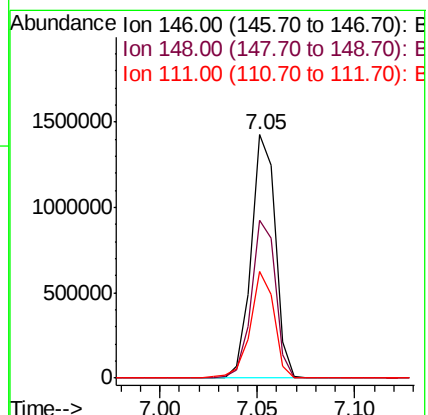
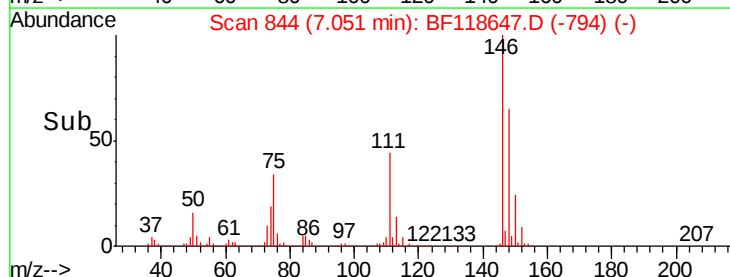
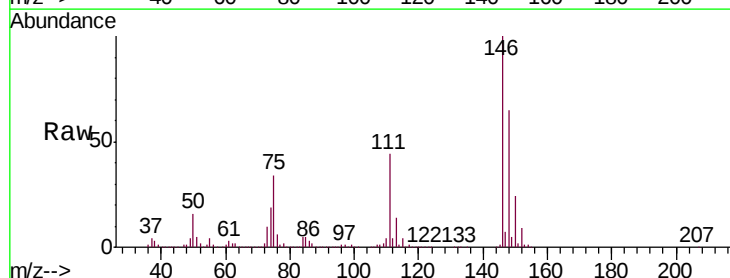
Tgt Ion:146 Resp: 1219817

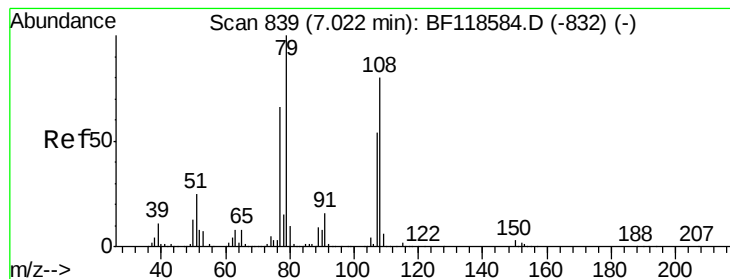
Ion Ratio Lower Upper

146 100

148 65.1 52.7 79.1

111 43.8 34.6 52.0





#15

Benzyl Alcohol

Concen: 47.377 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MSD

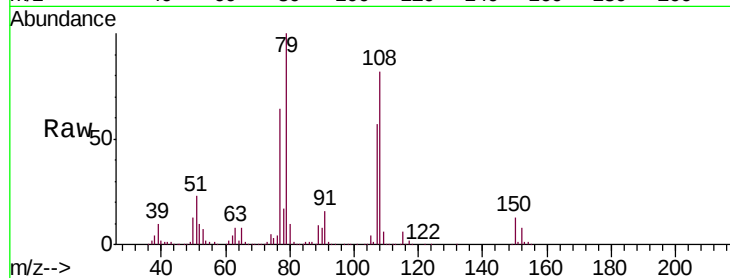
Tgt Ion: 79 Resp: 1052119

Ion Ratio Lower Upper

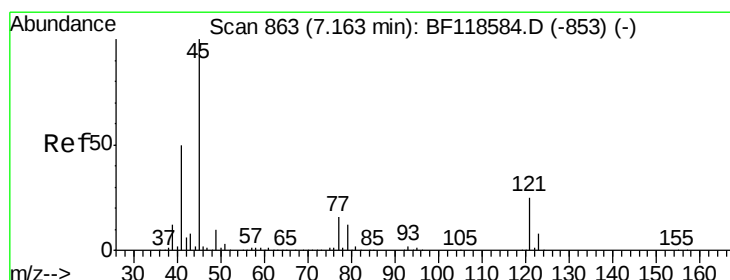
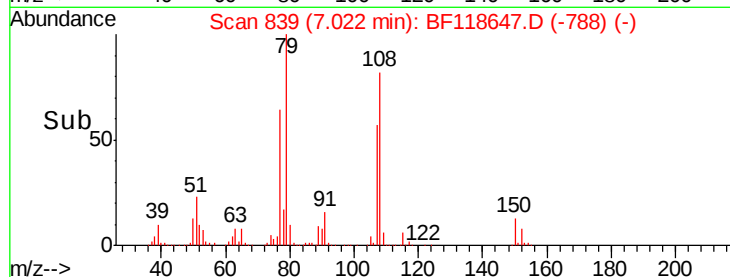
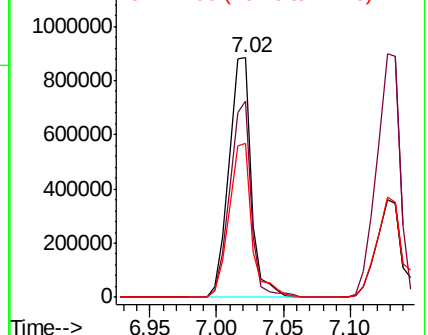
79 100

108 82.0 63.6 95.4

77 64.3 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: 43.217 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

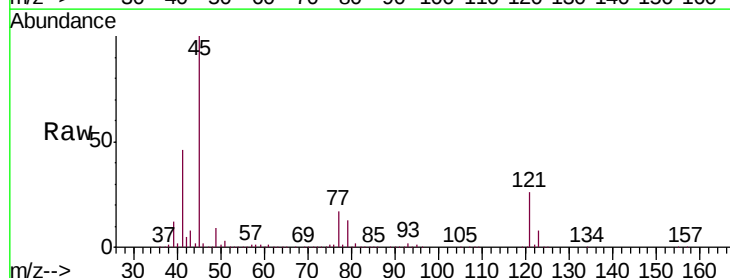
Tgt Ion: 45 Resp: 1425295

Ion Ratio Lower Upper

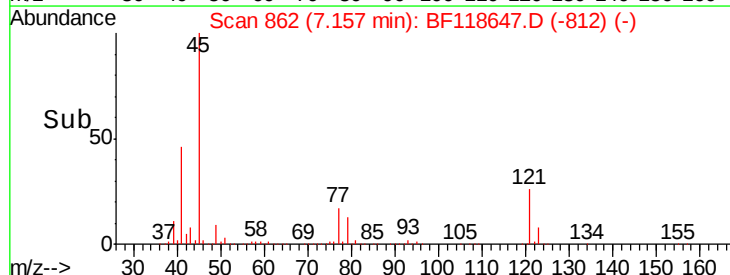
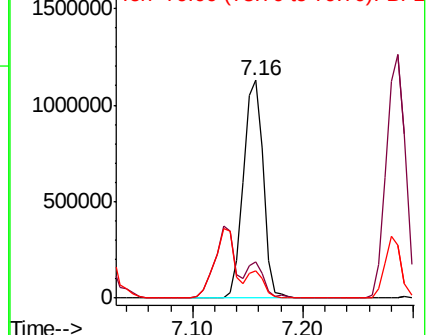
45 100

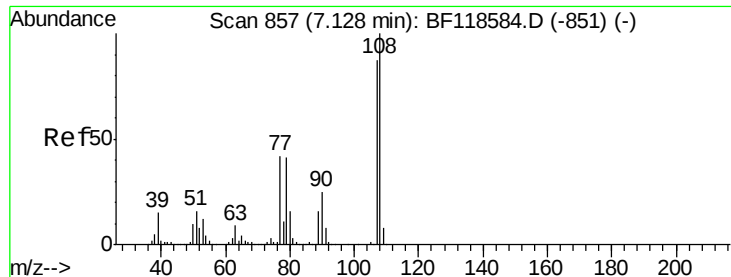
77 16.7 0.0 36.1

79 12.7 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

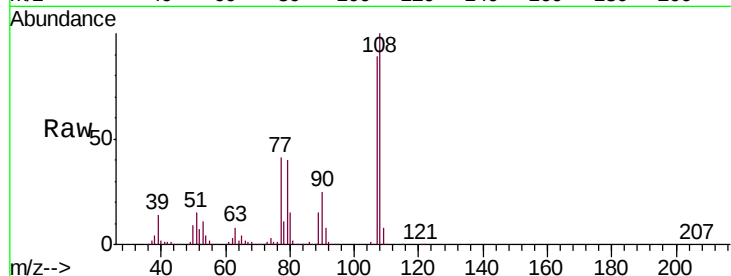




#17
2-Methylphenol
Concen: 46.913 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.5	137.3
77	46.6	38.7	58.1
79	45.5	37.7	56.5



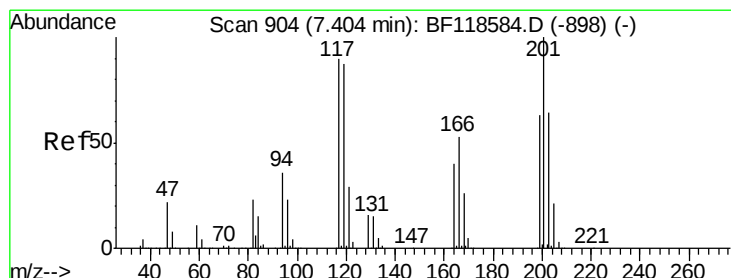
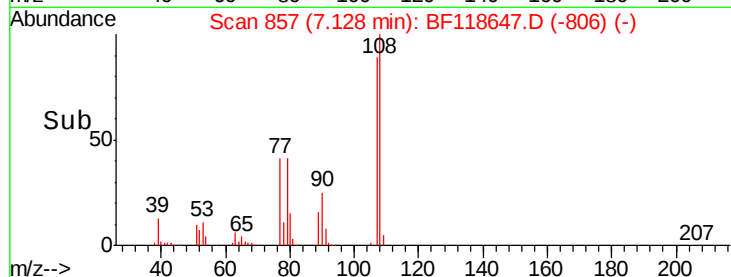
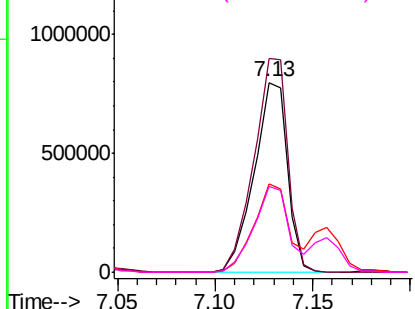
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

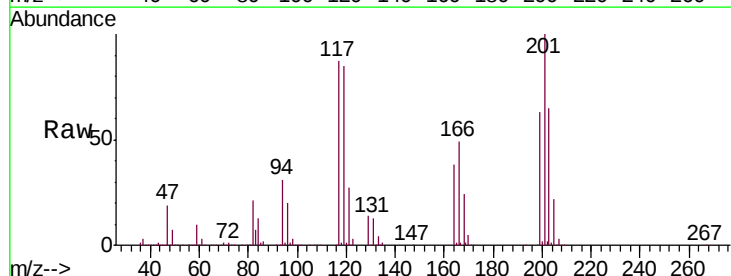
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 43.805 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.6	116.4
201	114.6	88.8	133.2

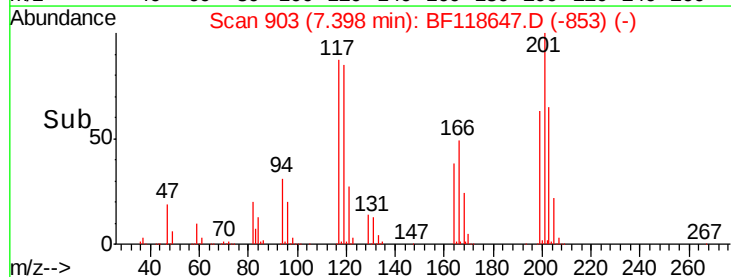
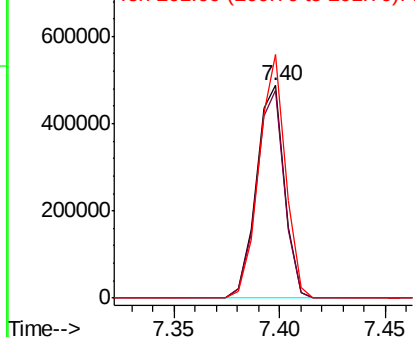


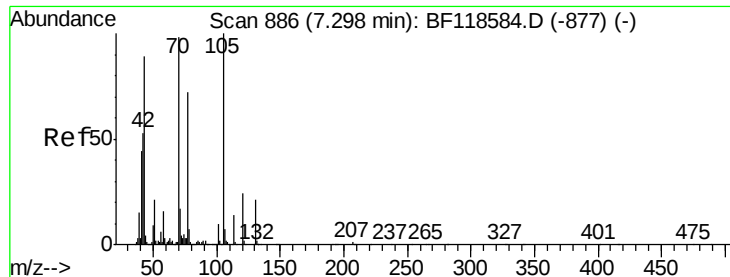
Abundance

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

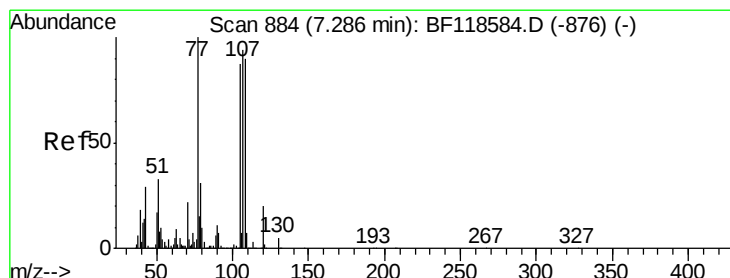
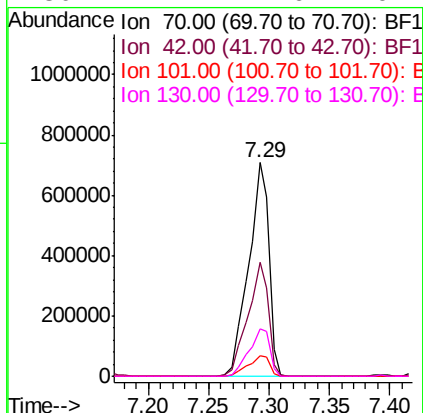
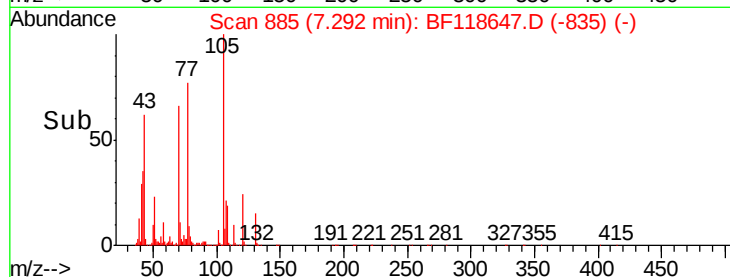
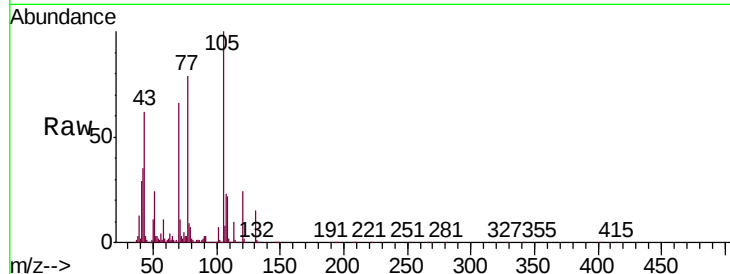




#19
n-Nitroso-di-n-propylamine
Concen: 44.025 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

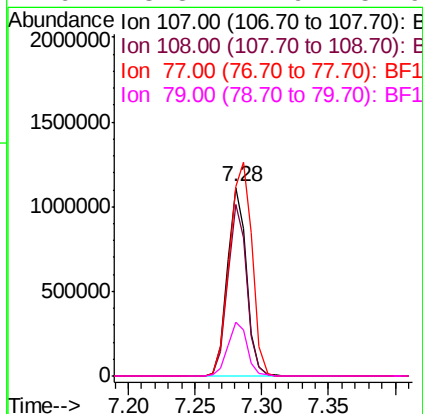
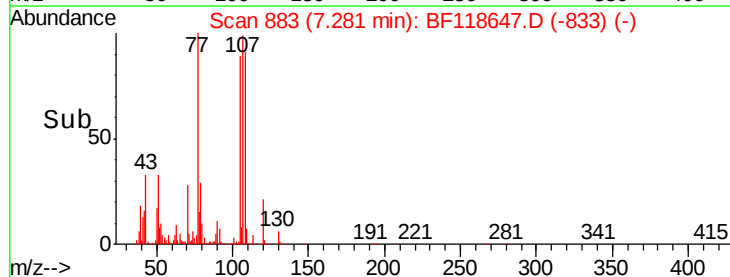
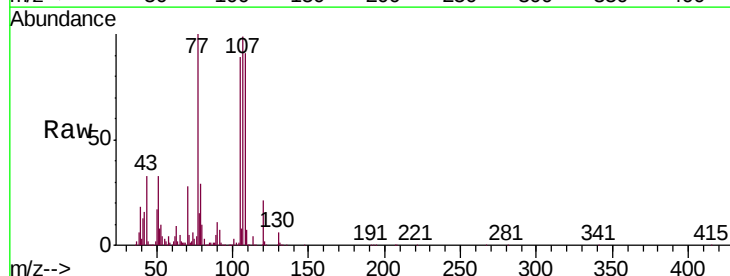
Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

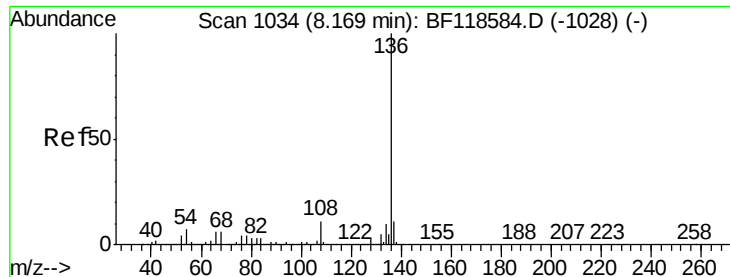
Tgt Ion:	70	Resp:	832449
Ion	Ratio	Lower	Upper
70	100		
42	53.5	43.4	65.0
101	9.9	8.1	12.1
130	22.2	17.6	26.4



#20
3+4-Methylphenols
Concen: 45.630 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion:	107	Resp:	1122226
Ion	Ratio	Lower	Upper
107	100		
108	91.4	75.8	115.8
77	100.7	86.5	126.5
79	28.8	12.9	52.9

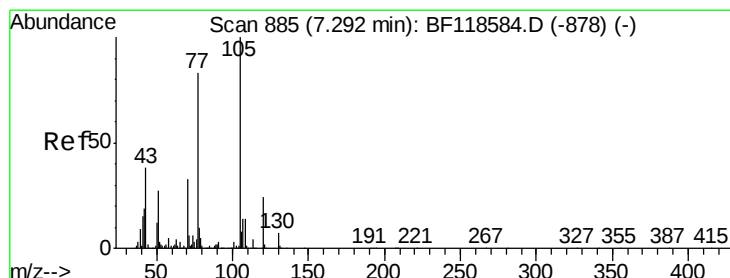
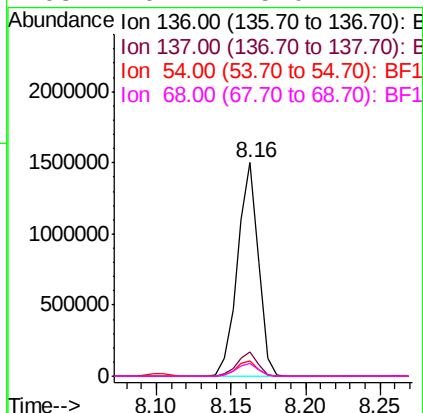
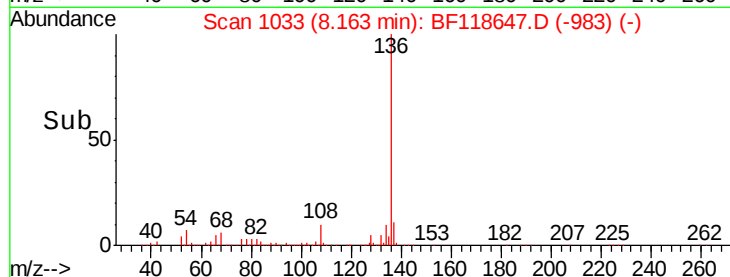
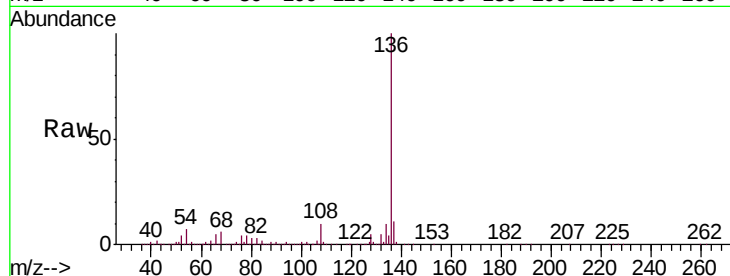




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

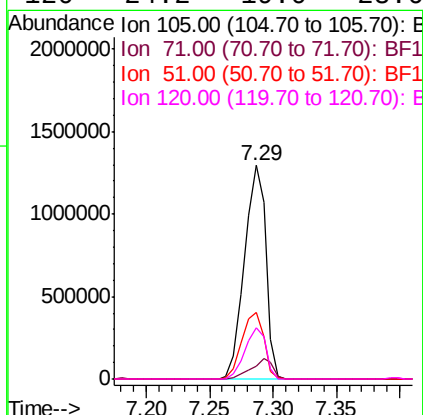
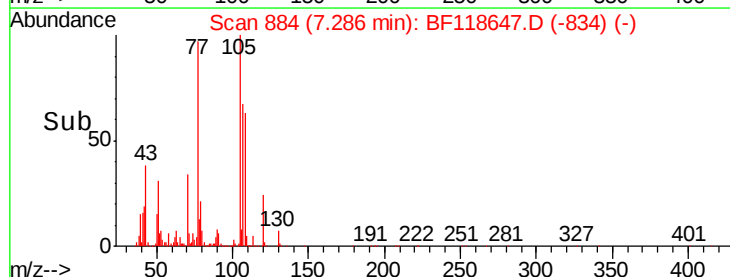
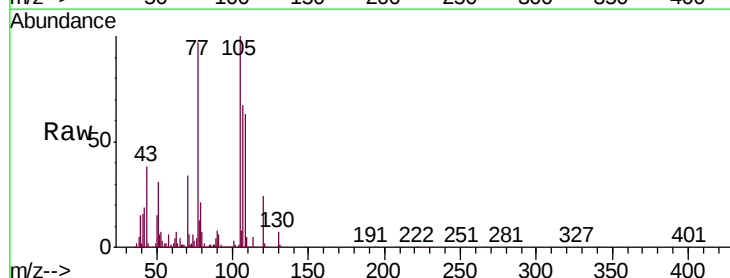
Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

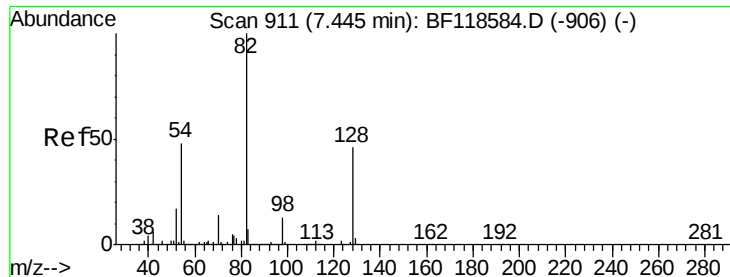
Tgt Ion:	136	Resp:	1463985
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.3	5.8	8.6
68	6.2	5.0	7.4



#22
Acetophenone
Concen: 43.666 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion:	105	Resp:	1514363
Ion	Ratio	Lower	Upper
105	100		
71	6.0	4.5	6.7
51	31.0	21.5	32.3
120	24.2	19.0	28.6

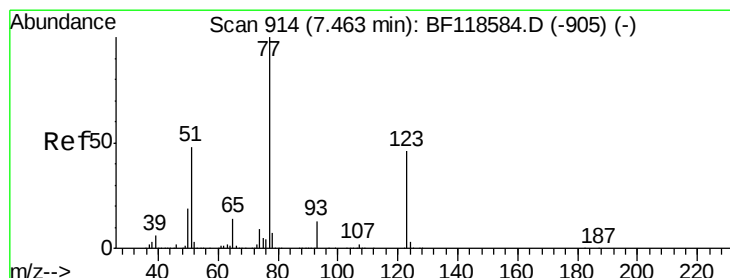
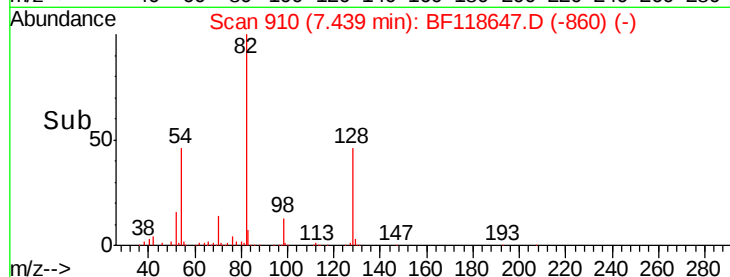
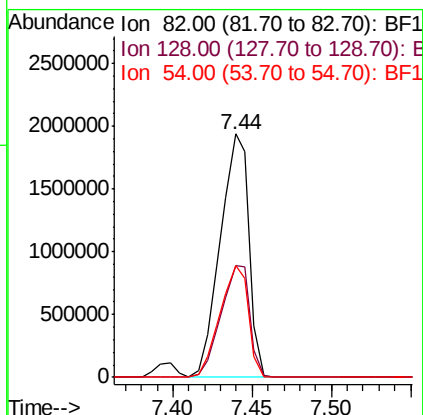
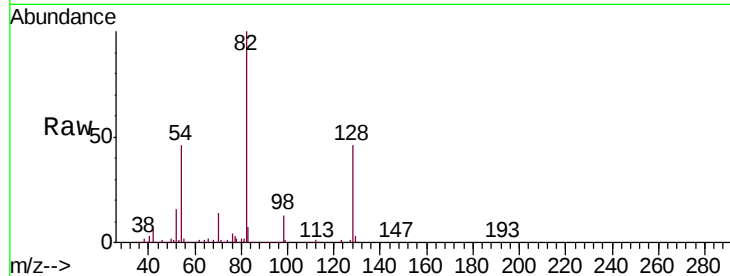




#23
 Nitrobenzene-d5
 Concen: 92.655 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF118647.D
 Acq: 21 Jan 2020 22:13

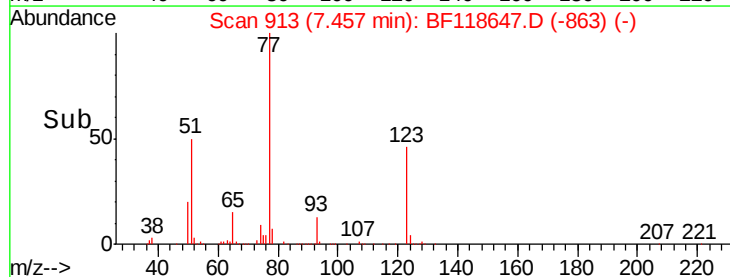
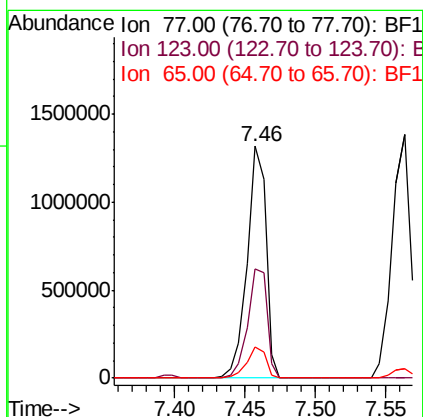
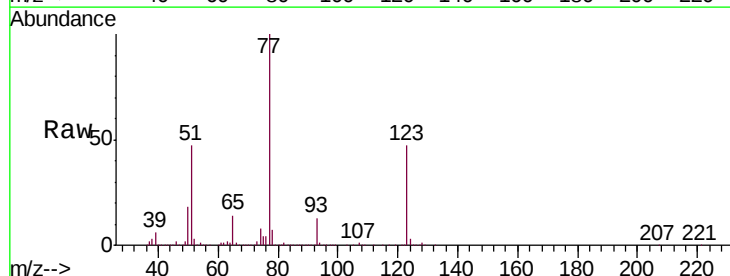
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720MSD

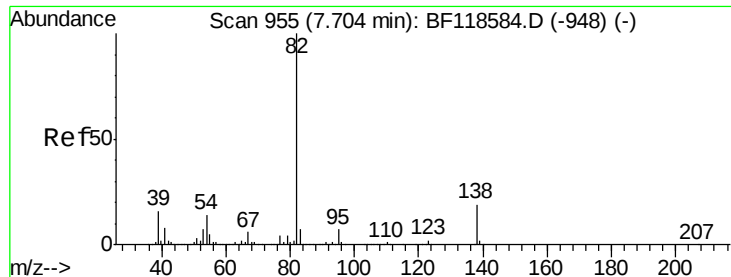
Tgt Ion: 82 Resp: 2425096
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.6 54.8
 54 45.7 38.0 57.0



#24
 Nitrobenzene
 Concen: 46.161 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF118647.D
 Acq: 21 Jan 2020 22:13

Tgt Ion: 77 Resp: 1237096
 Ion Ratio Lower Upper
 77 100
 123 47.3 37.0 55.4
 65 13.7 11.1 16.7





#25

Isophorone

Concen: 46.200 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MSD

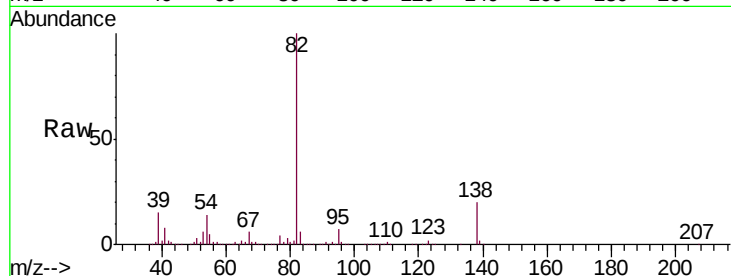
Tgt Ion: 82 Resp: 2205570

Ion Ratio Lower Upper

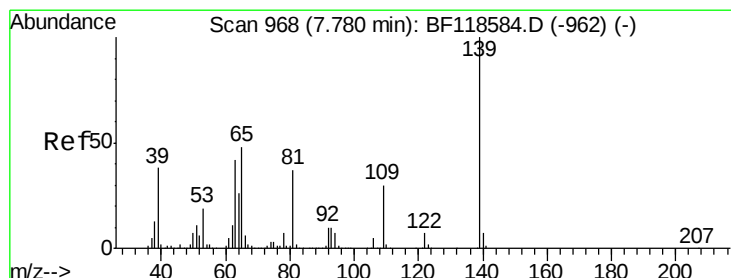
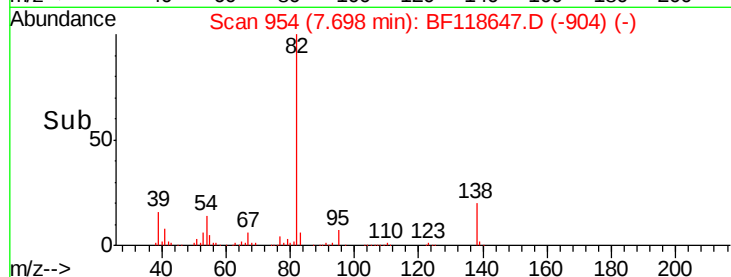
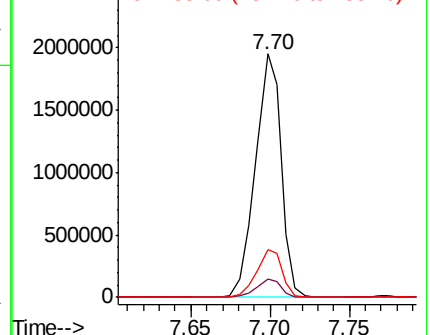
82 100

95 7.4 5.9 8.9

138 19.6 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: 53.579 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

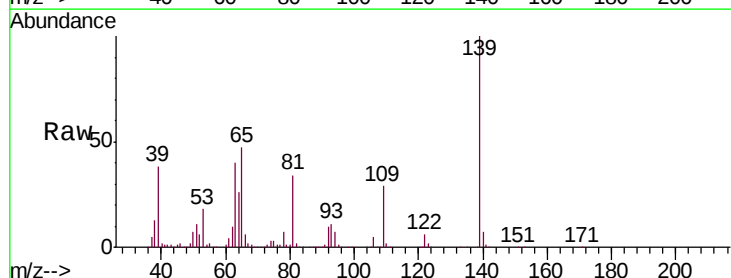
Tgt Ion: 139 Resp: 612332

Ion Ratio Lower Upper

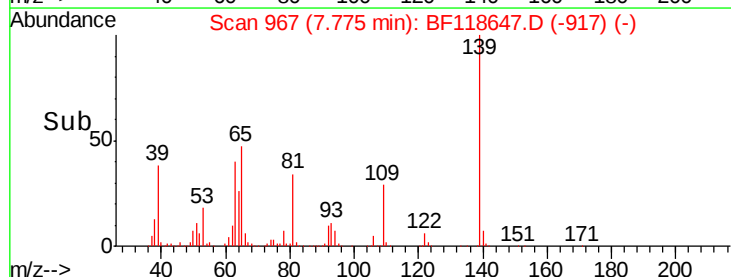
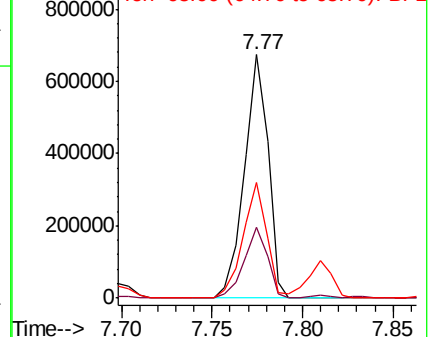
139 100

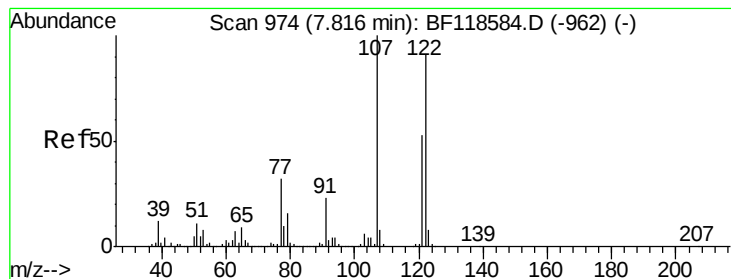
109 29.1 23.8 35.8

65 47.3 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: 52.127 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MSD

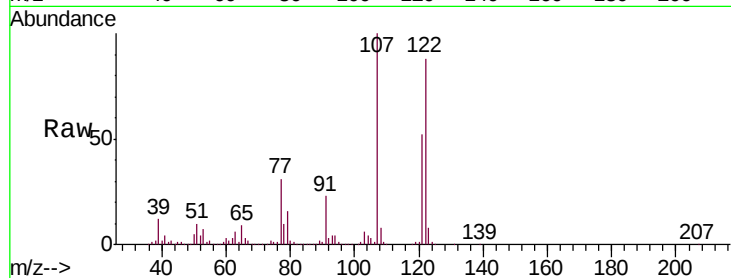
Tgt Ion:122 Resp: 1028723

Ion Ratio Lower Upper

122 100

107 113.5 88.0 132.0

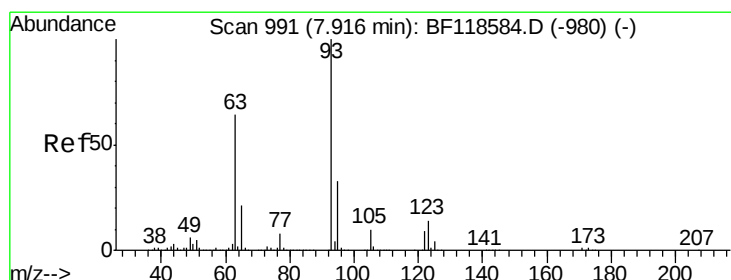
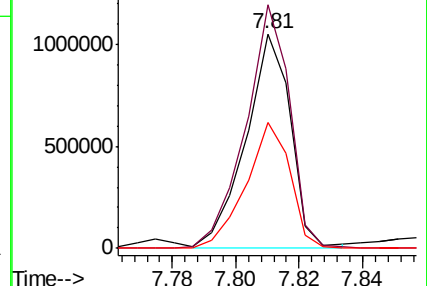
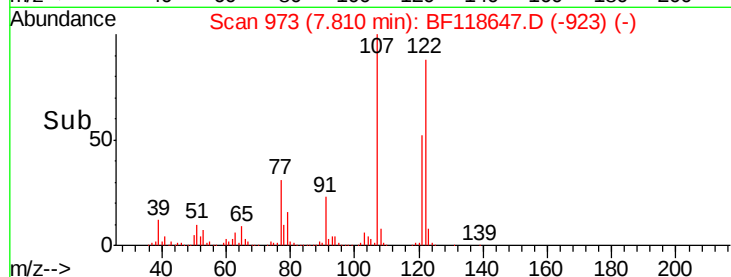
121 58.8 46.3 69.5



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: 44.242 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

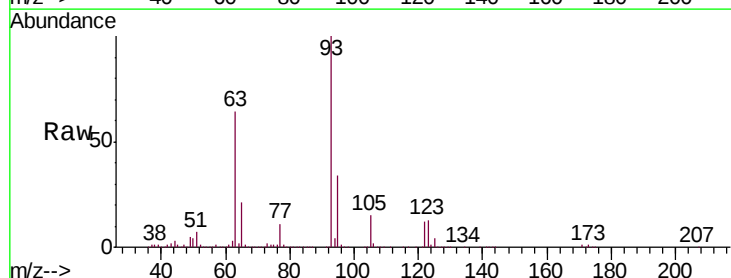
Tgt Ion: 93 Resp: 1360905

Ion Ratio Lower Upper

93 100

95 33.8 26.7 40.1

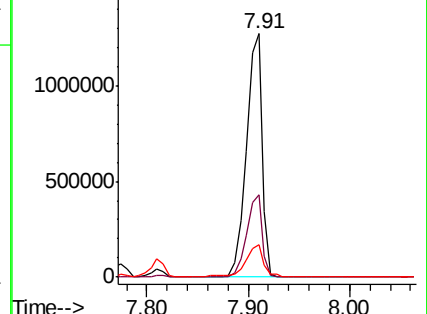
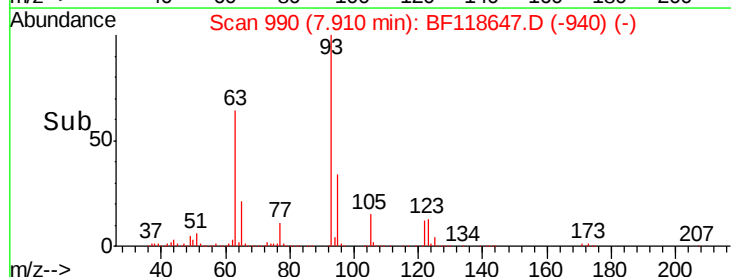
123 13.3 11.0 16.6

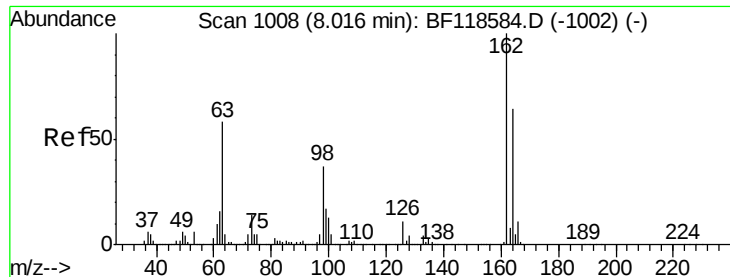


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

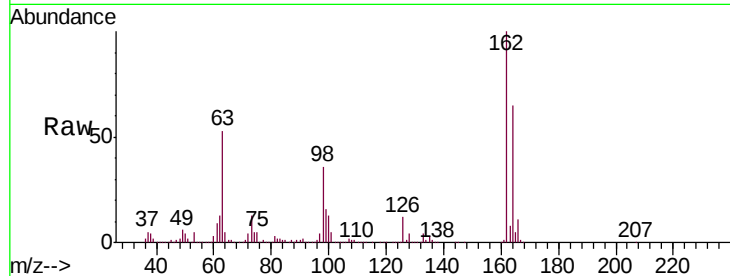




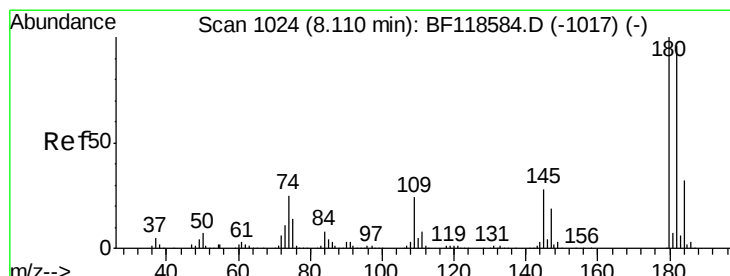
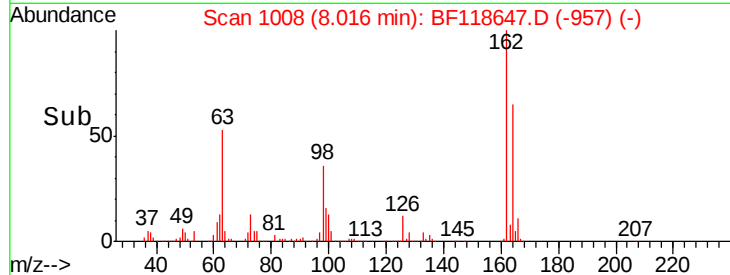
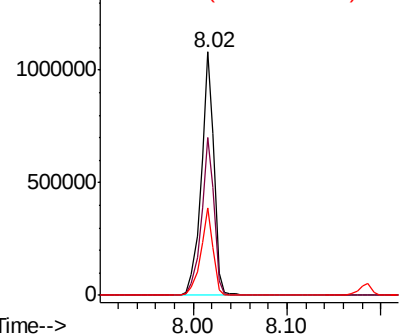
#29
2,4-Dichlorophenol
Concen: 47.337 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

Tgt Ion:162 Resp: 1032709
Ion Ratio Lower Upper
162 100
164 64.6 44.3 84.3
98 36.0 17.5 57.5

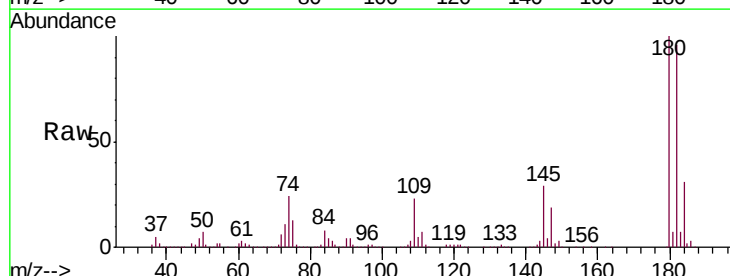


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

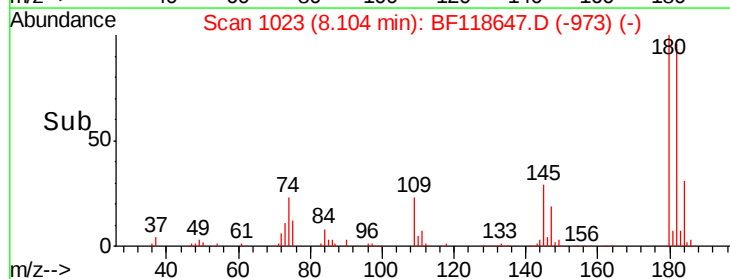
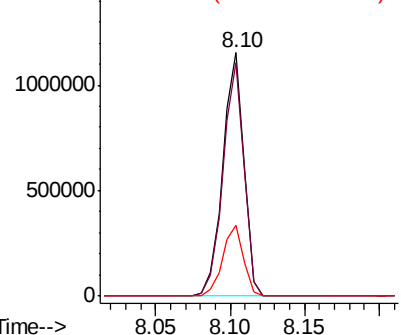


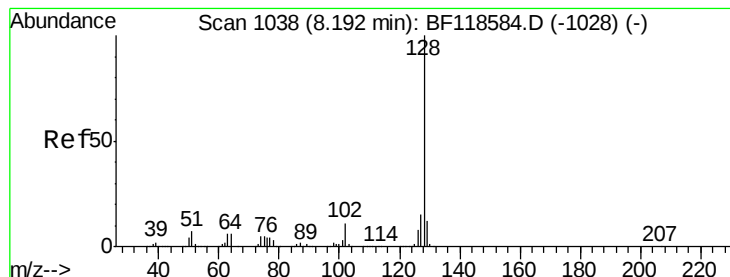
#30
1,2,4-Trichlorobenzene
Concen: 44.871 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion:180 Resp: 1135024
Ion Ratio Lower Upper
180 100
182 95.6 76.9 115.3
145 29.1 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: 48.154 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MSD

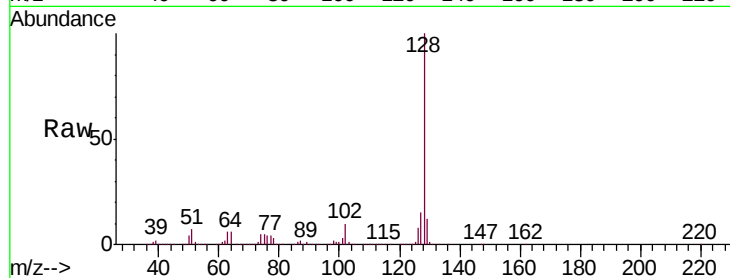
Tgt Ion:128 Resp: 3184595

Ion Ratio Lower Upper

128 100

129 12.4 9.9 14.9

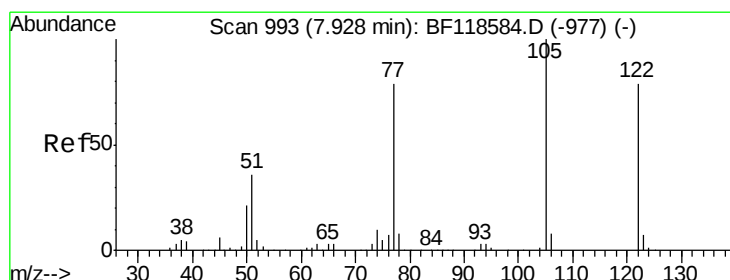
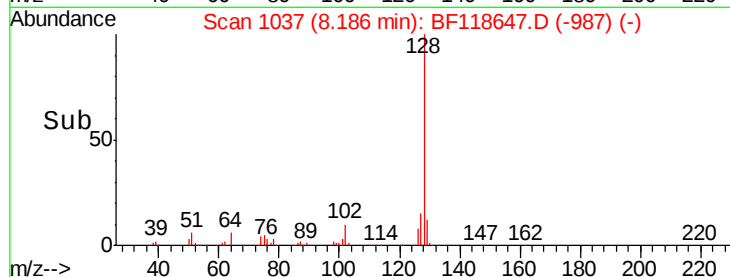
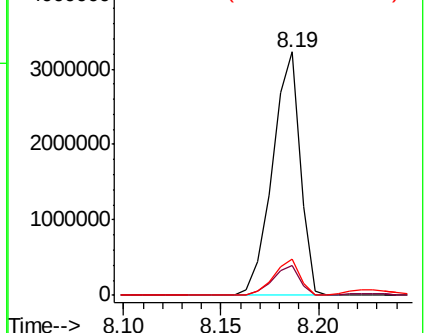
127 14.8 12.0 18.0



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: 41.409 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

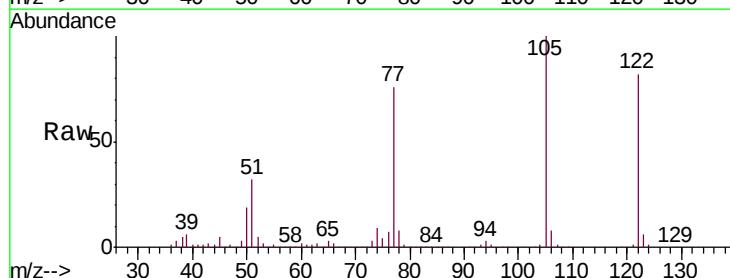
Tgt Ion:122 Resp: 613310

Ion Ratio Lower Upper

122 100

105 121.7 104.3 144.3

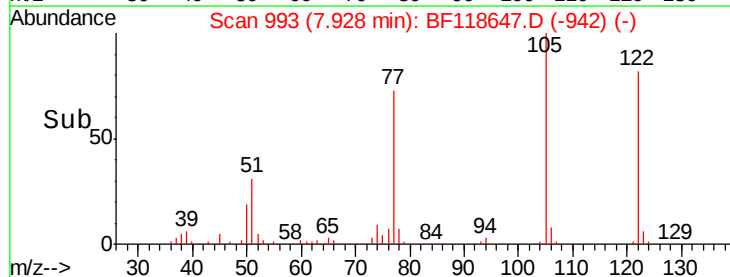
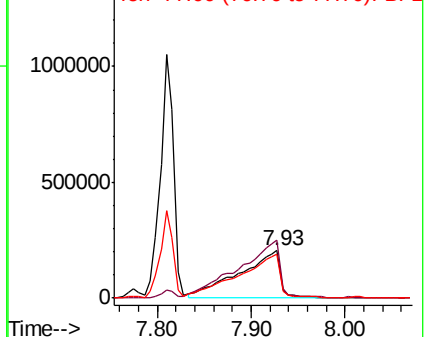
77 91.9 79.4 119.4

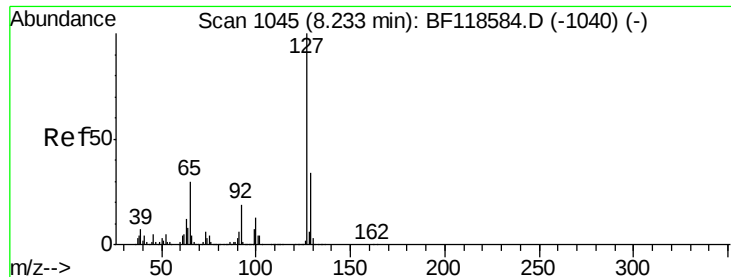


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

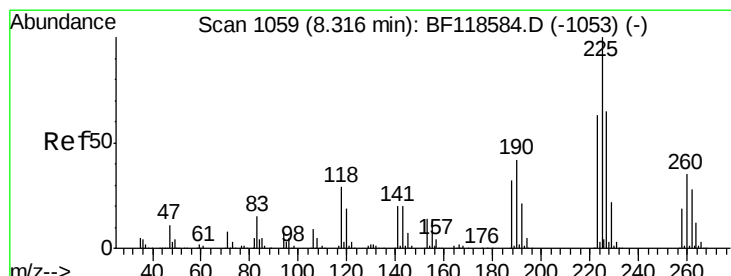
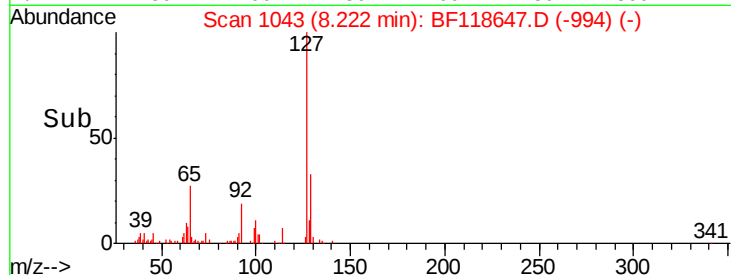
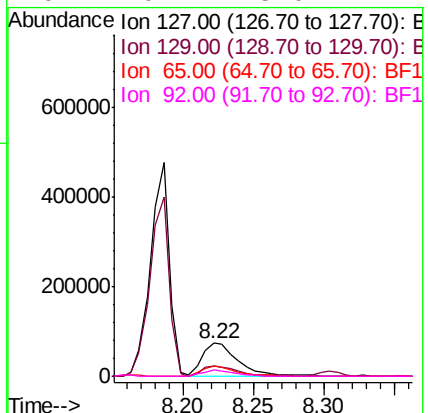
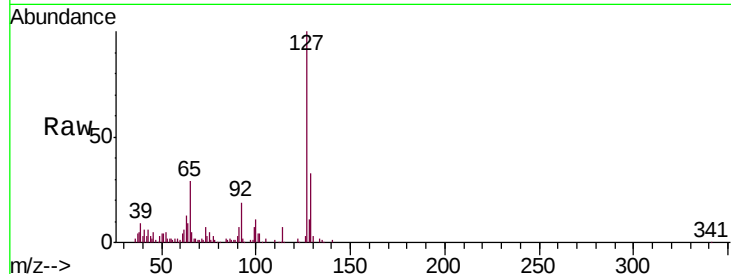




#33
4-Chloroaniline
Concen: 4.022 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

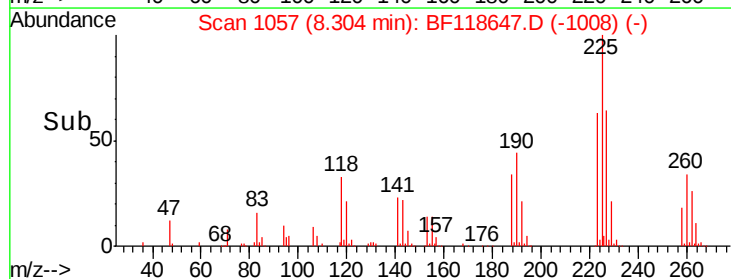
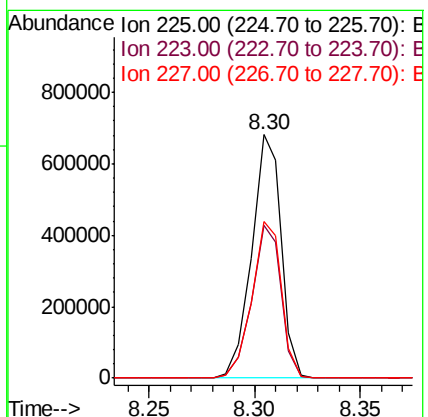
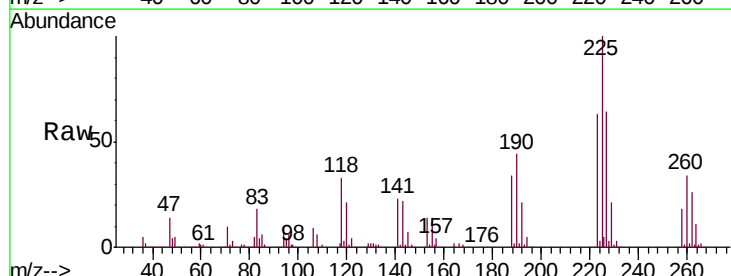
Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

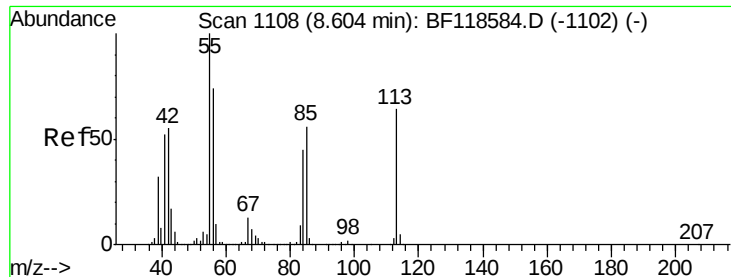
Tgt Ion:	127	Resp:	122951
Ion	Ratio	Lower	Upper
127	100		
129	32.9	27.4	41.0
65	29.4	23.6	35.4
92	19.2	15.0	22.4



#34
Hexachlorobutadiene
Concen: 42.888 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion:	225	Resp:	660661
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.2	75.4
227	64.2	52.1	78.1

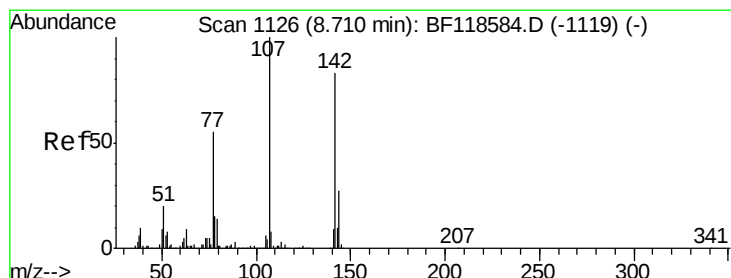
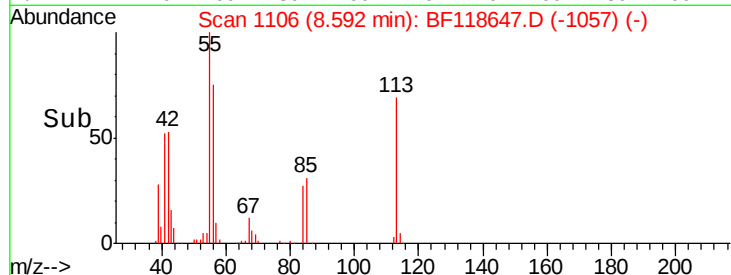
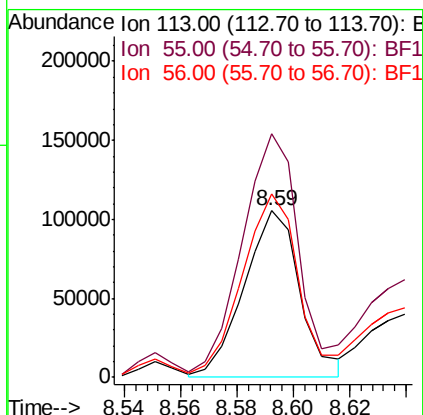
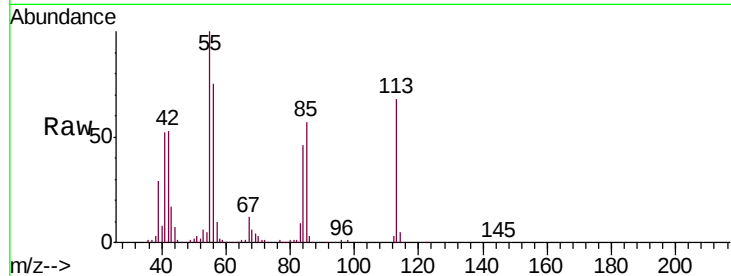




#35
 Caprolactam
 Concen: 20.282 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF118647.D
 Acq: 21 Jan 2020 22:13

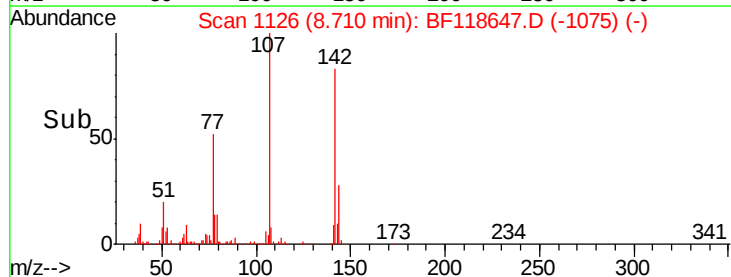
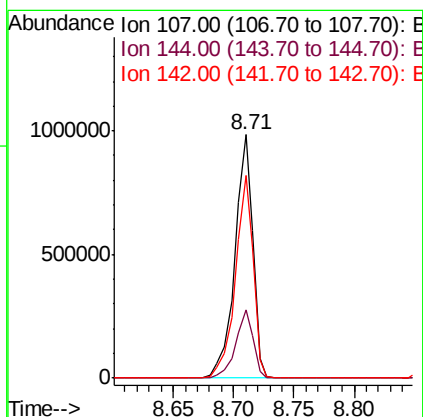
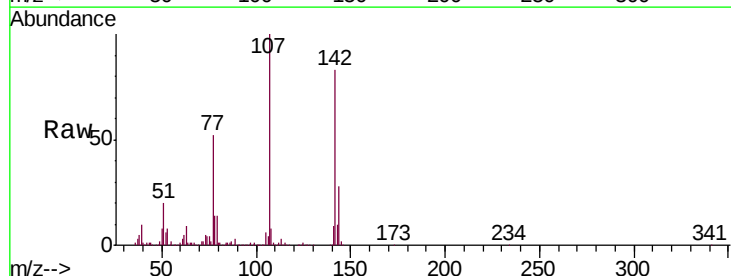
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720MSD

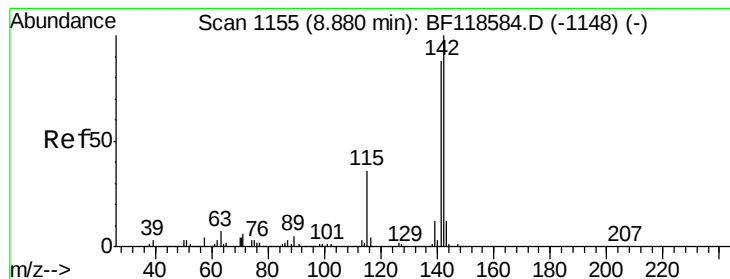
Tgt Ion:113 Resp: 144802
 Ion Ratio Lower Upper
 113 100
 55 146.3 136.1 176.1
 56 110.0 95.2 135.2



#36
 4-Chloro-3-methylphenol
 Concen: 47.498 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: BF118647.D
 Acq: 21 Jan 2020 22:13

Tgt Ion:107 Resp: 1023268
 Ion Ratio Lower Upper
 107 100
 144 27.9 21.8 32.8
 142 83.4 66.5 99.7





#37

2-Methylnaphthalene

Concen: 48.632 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MSD

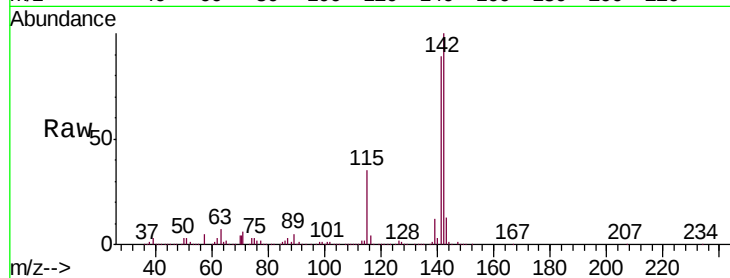
Tgt Ion:142 Resp: 2270188

Ion Ratio Lower Upper

142 100

141 88.7 70.7 106.1

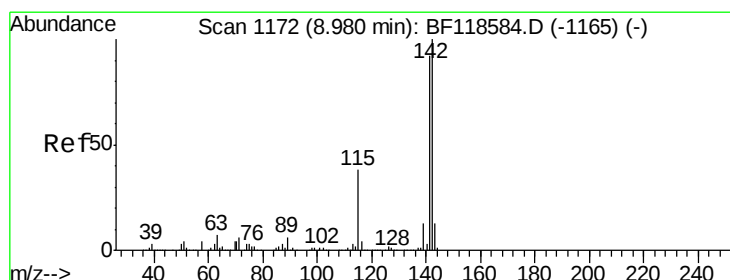
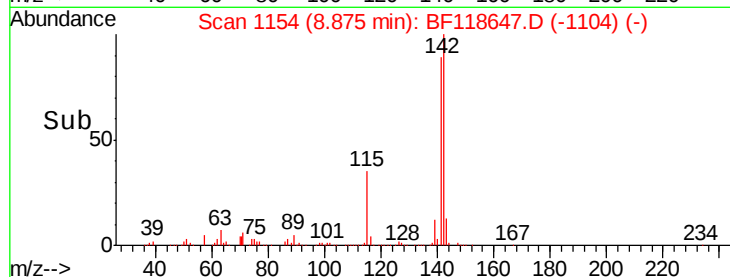
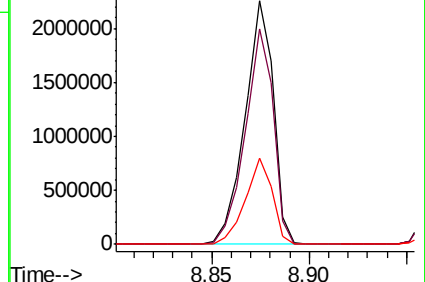
115 35.4 28.5 42.7



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: 48.084 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

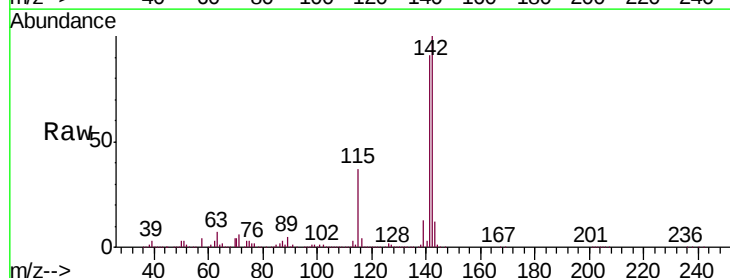
Tgt Ion:142 Resp: 2132486

Ion Ratio Lower Upper

142 100

141 91.4 73.4 110.2

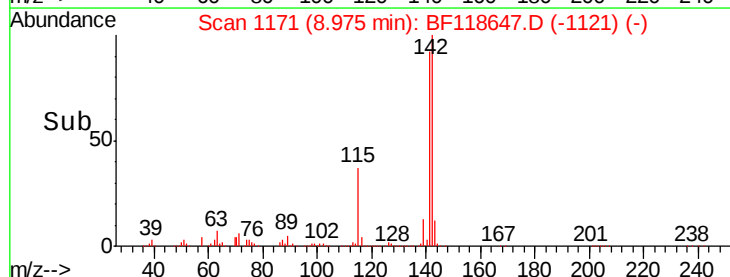
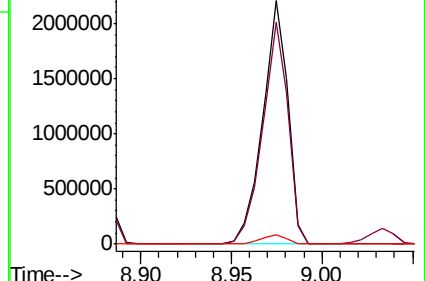
116 3.8 3.3 4.9

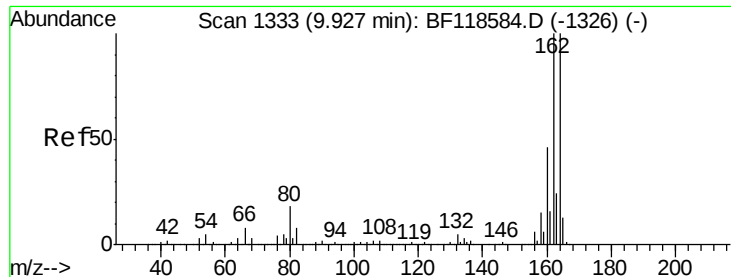


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

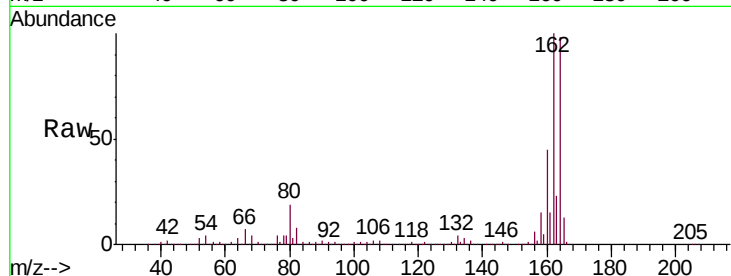




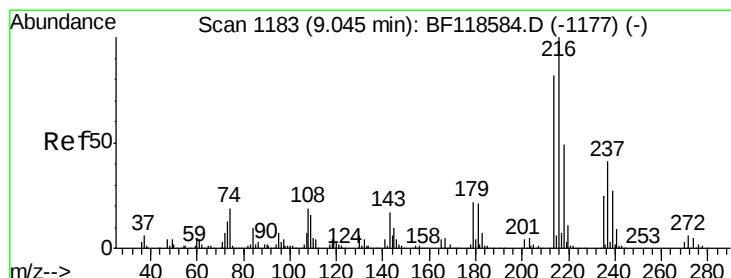
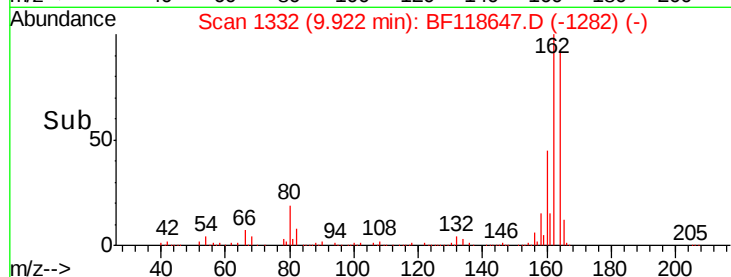
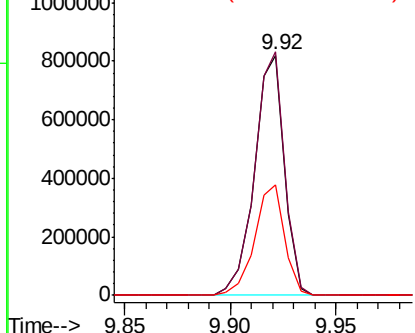
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

Tgt Ion:164 Resp: 810386
Ion Ratio Lower Upper
164 100
162 101.5 80.4 120.6
160 45.9 36.6 55.0

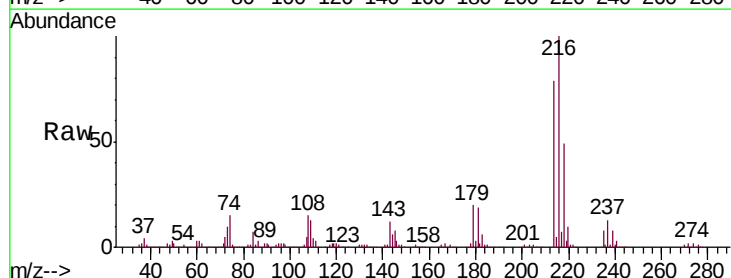


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

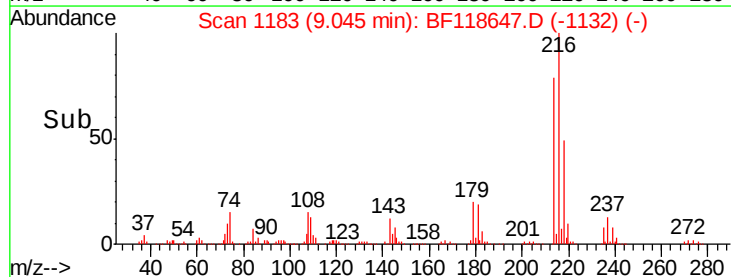
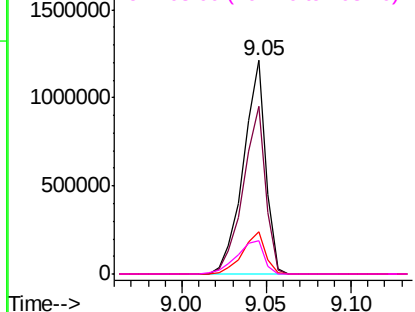


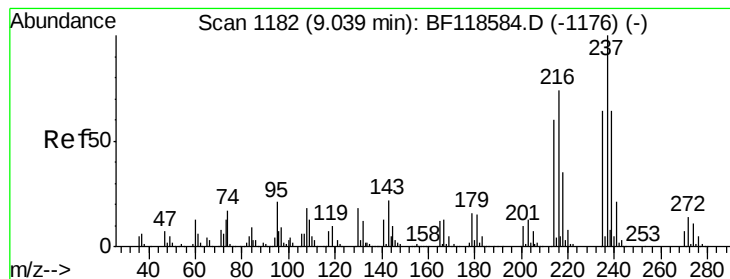
#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.011 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion:216 Resp: 1115969
Ion Ratio Lower Upper
216 100
214 79.2 64.2 96.2
179 20.0 16.6 25.0
108 19.0 14.4 21.6



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





#41

Hexachlorocyclopentadiene

Concen: 94.984 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MSD

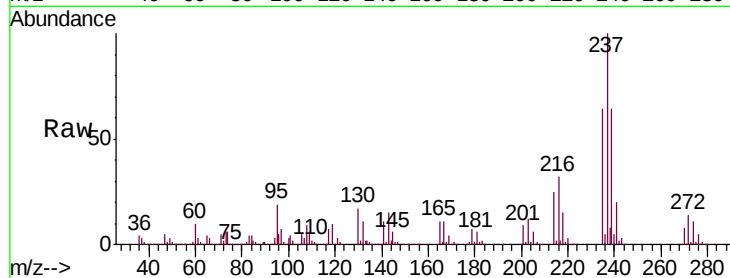
Tgt Ion:237 Resp: 1215148

Ion Ratio Lower Upper

237 100

235 63.5 44.0 84.0

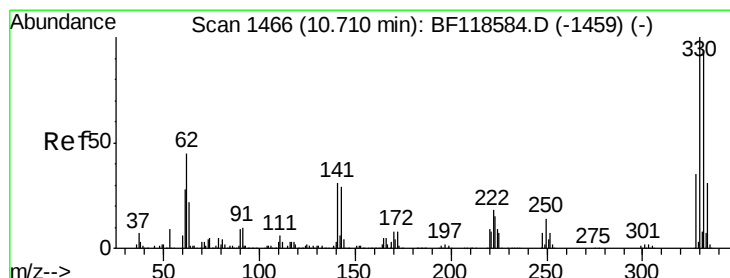
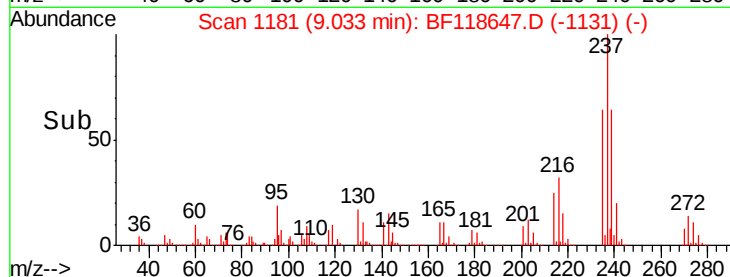
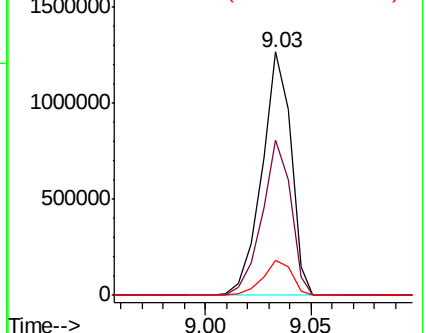
272 14.5 0.0 34.0



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: 140.481 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

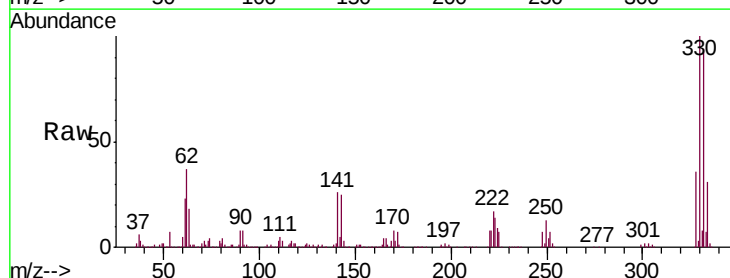
Tgt Ion:330 Resp: 1316749

Ion Ratio Lower Upper

330 100

332 95.1 76.2 114.4

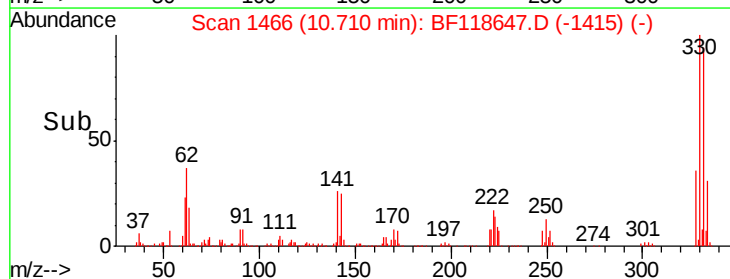
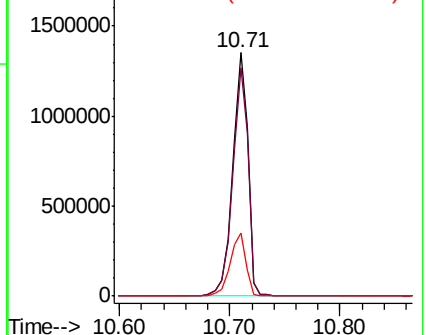
141 26.7 23.9 35.9

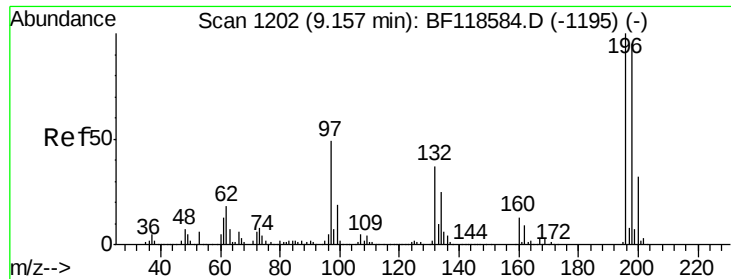


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

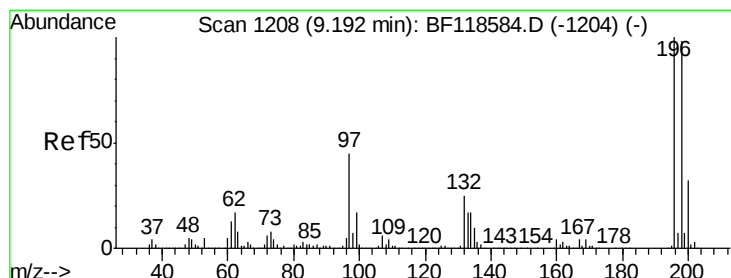
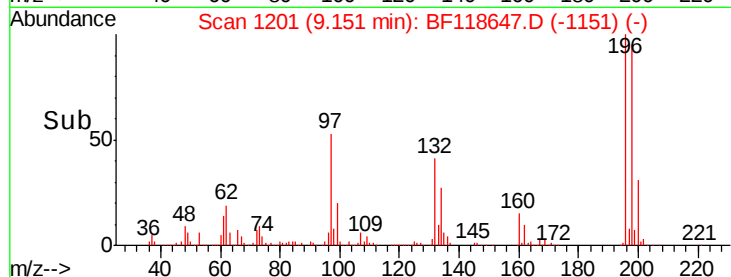
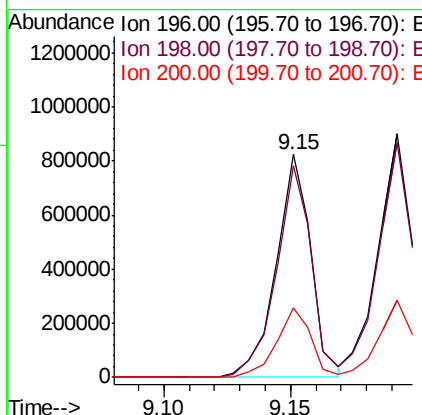
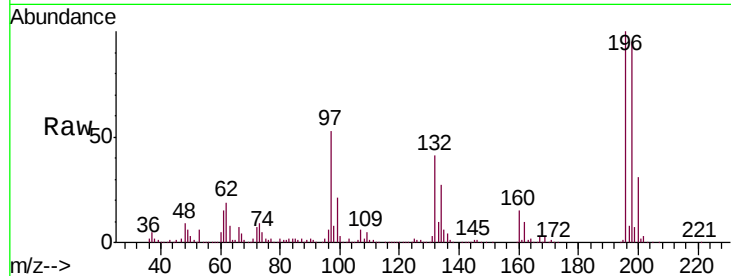




#43
 2,4,6-Trichlorophenol
 Concen: 46.935 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF118647.D
 Acq: 21 Jan 2020 22:13

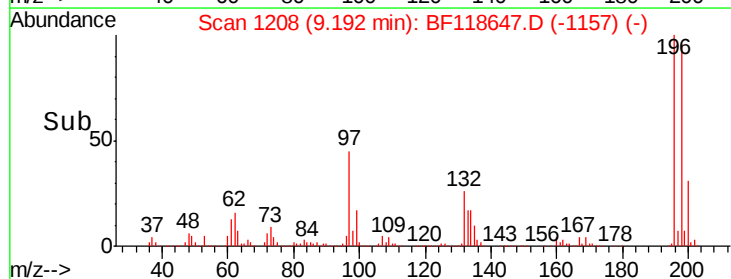
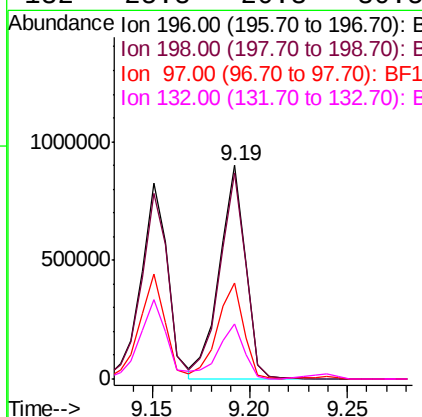
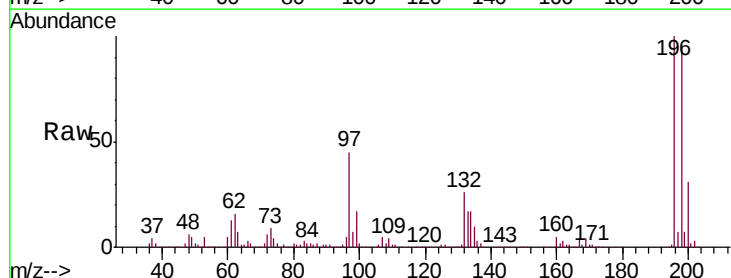
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720MSD

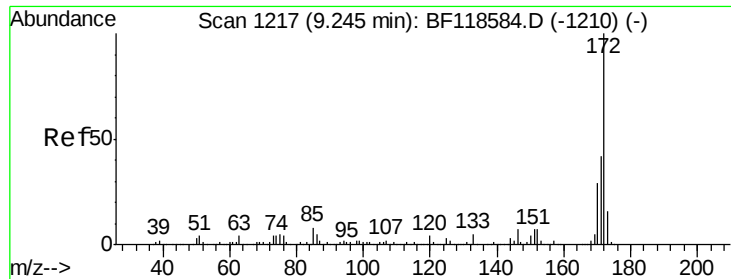
Tgt Ion:	196	Resp:	789735
Ion	Ratio	Lower	Upper
196	100		
198	94.9	76.3	114.5
200	31.5	25.4	38.2



#44
 2,4,5-Trichlorophenol
 Concen: 48.414 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF118647.D
 Acq: 21 Jan 2020 22:13

Tgt Ion:	196	Resp:	831964
Ion	Ratio	Lower	Upper
196	100		
198	96.2	78.3	117.5
97	45.0	35.9	53.9
132	25.8	20.3	30.5

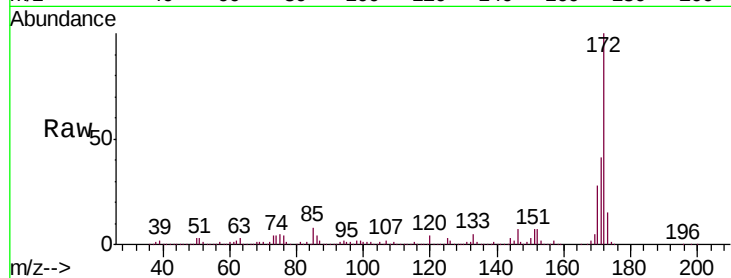




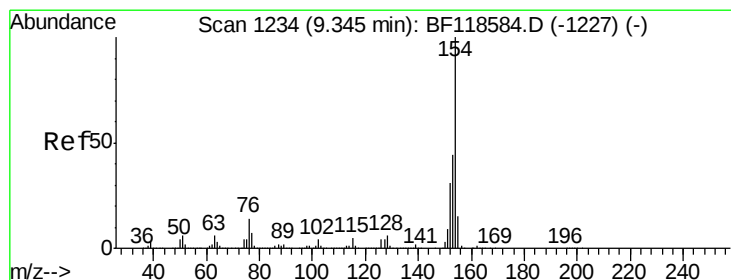
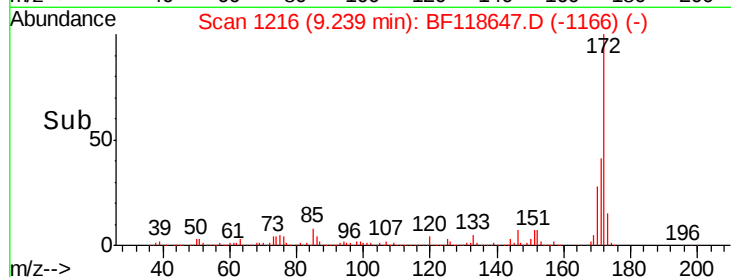
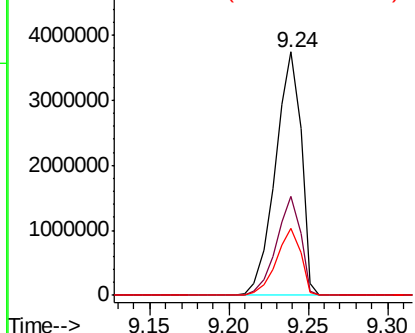
#45
 2-Fluorobiphenyl
 Concen: 85.968 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF118647.D
 Acq: 21 Jan 2020 22:13

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720MSD

Tgt Ion:172 Resp: 4238683
 Ion Ratio Lower Upper
 172 100
 171 40.5 33.4 50.2
 170 27.6 23.2 34.8

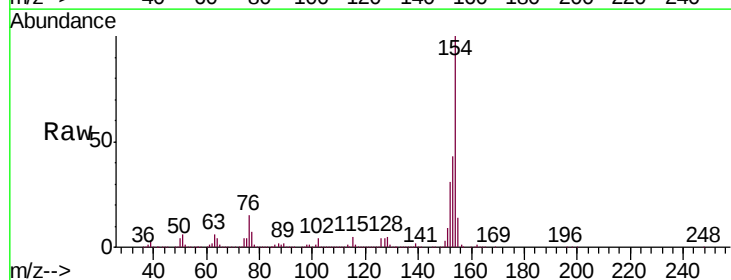


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

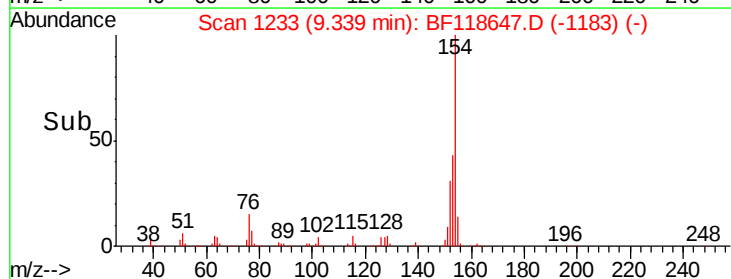
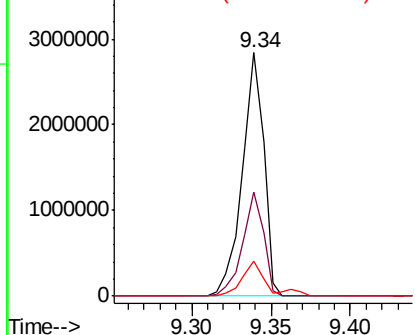


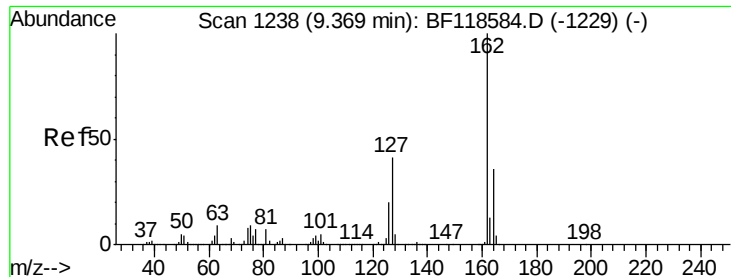
#46
 1,1'-Biphenyl
 Concen: 47.733 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF118647.D
 Acq: 21 Jan 2020 22:13

Tgt Ion:154 Resp: 2665977
 Ion Ratio Lower Upper
 154 100
 153 43.0 23.8 63.8
 76 14.6 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

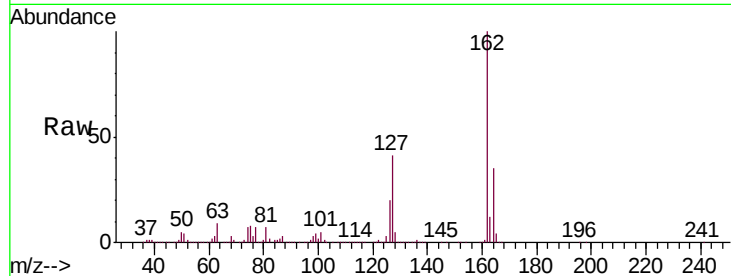




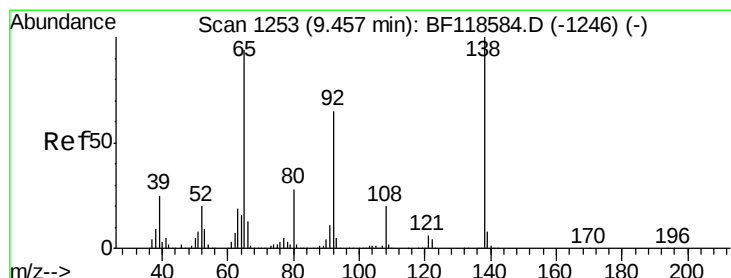
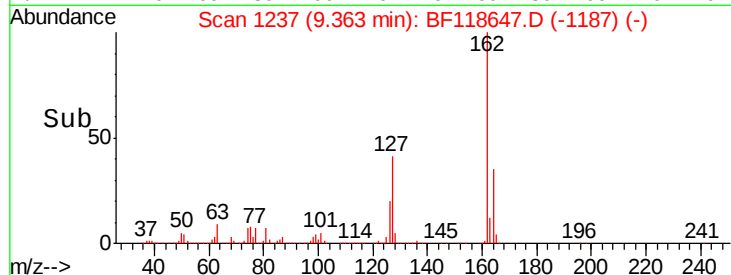
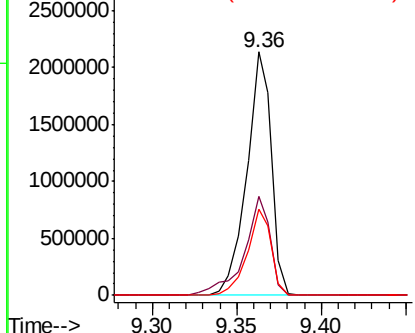
#47
 2-Chloronaphthalene
 Concen: 46.108 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF118647.D
 Acq: 21 Jan 2020 22:13

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720MSD

Tgt Ion: 162 Resp: 2170561
 Ion Ratio Lower Upper
 162 100
 127 40.8 33.0 49.6
 164 35.1 28.6 42.8

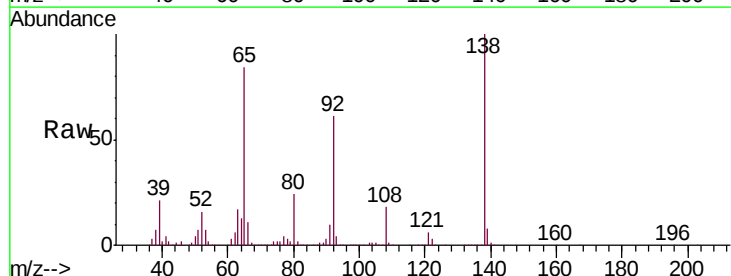


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

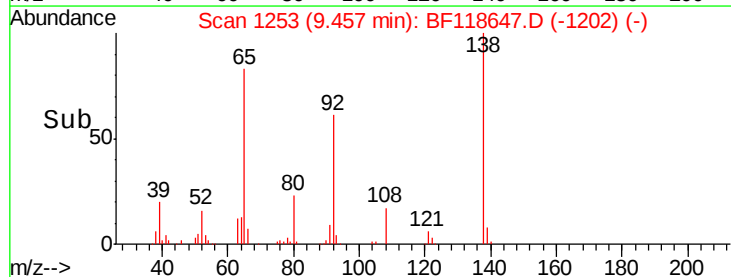
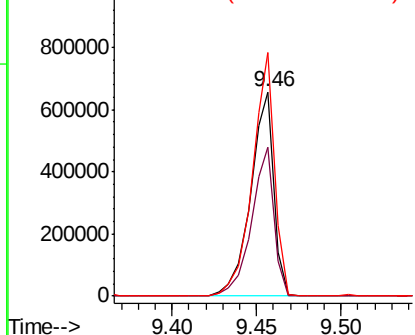


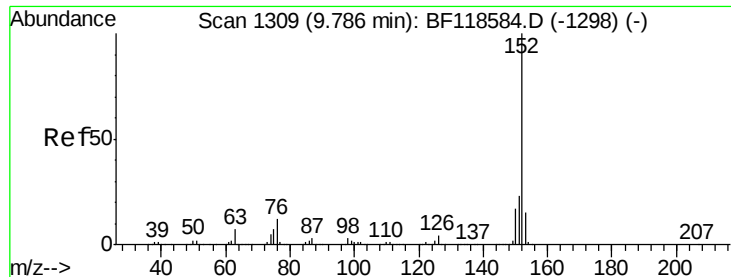
#48
 2-Nitroaniline
 Concen: 43.642 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BF118647.D
 Acq: 21 Jan 2020 22:13

Tgt Ion: 65 Resp: 631552
 Ion Ratio Lower Upper
 65 100
 92 72.7 55.4 83.0
 138 119.3 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: 49.375 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MSD

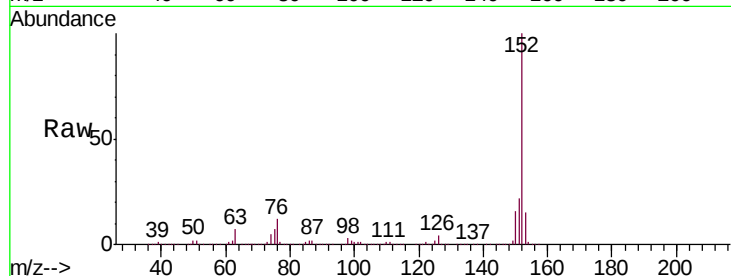
Tgt Ion:152 Resp: 3269938

Ion Ratio Lower Upper

152 100

151 22.5 18.6 27.8

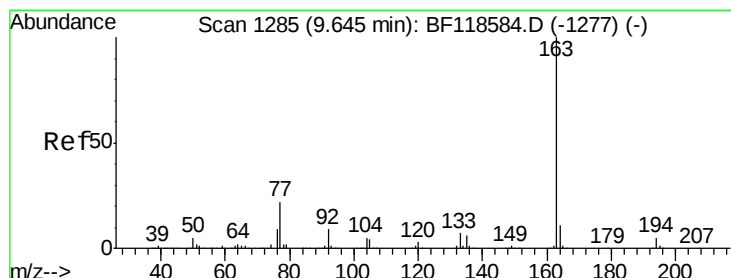
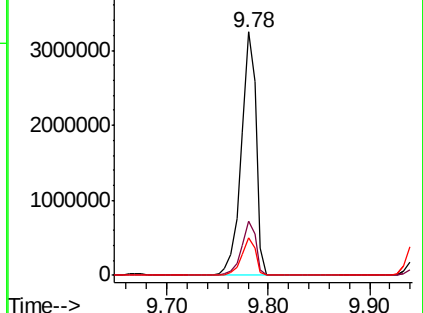
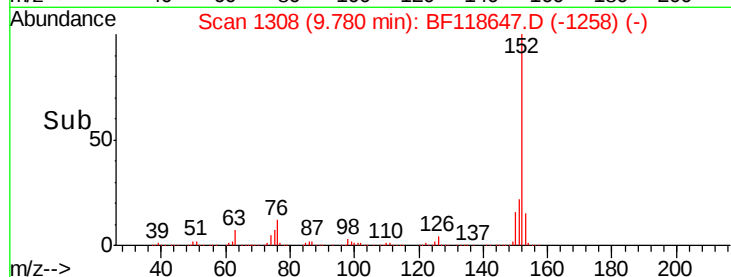
153 15.4 12.2 18.4



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: 50.626 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

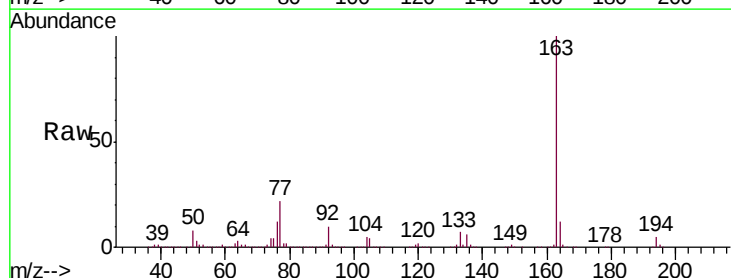
Tgt Ion:163 Resp: 2672921

Ion Ratio Lower Upper

163 100

194 4.9 3.9 5.9

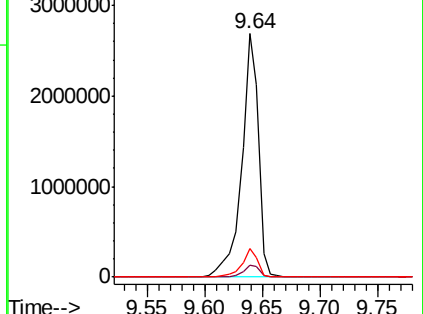
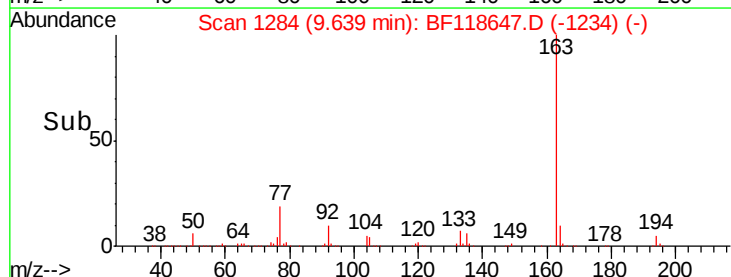
164 11.6 9.1 13.7

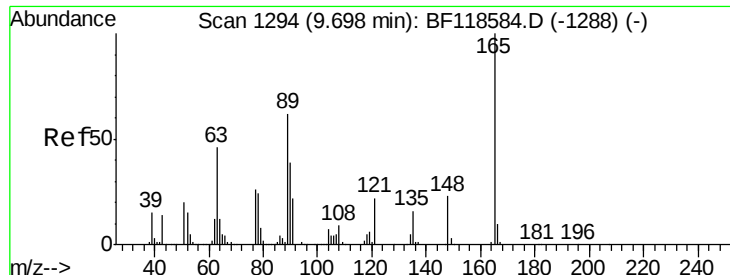


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

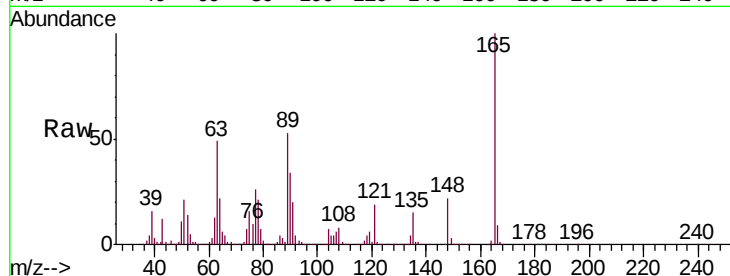




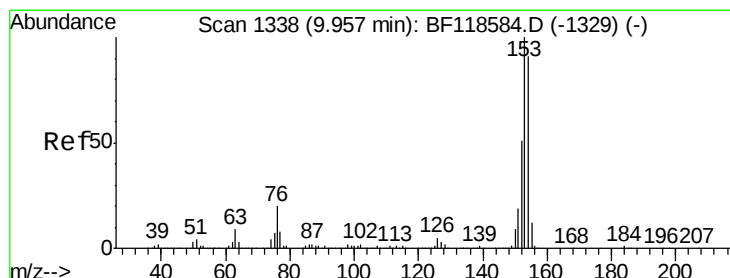
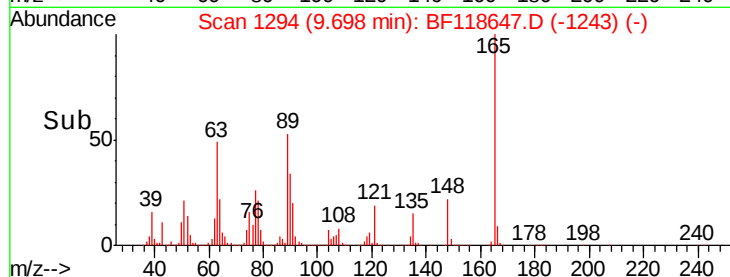
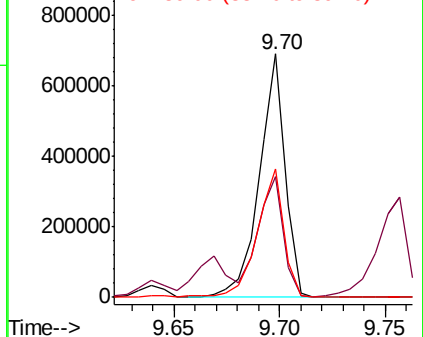
#51
2,6-Dinitrotoluene
Concen: 49.600 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

Tgt Ion:165 Resp: 586410
Ion Ratio Lower Upper
165 100
63 49.4 48.9 73.3
89 52.6 49.8 74.6

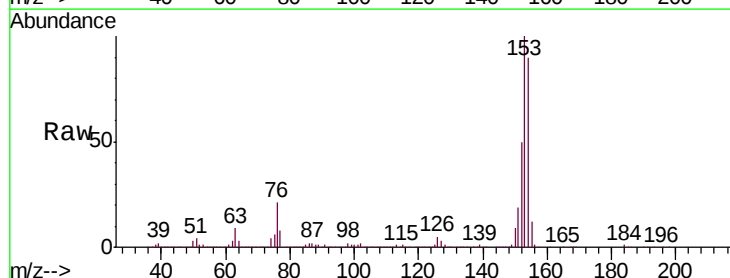


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

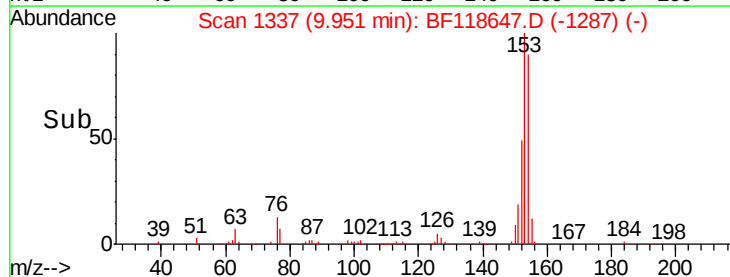
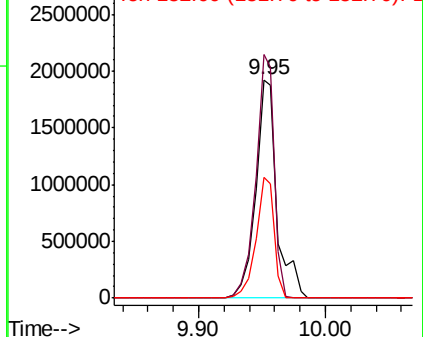


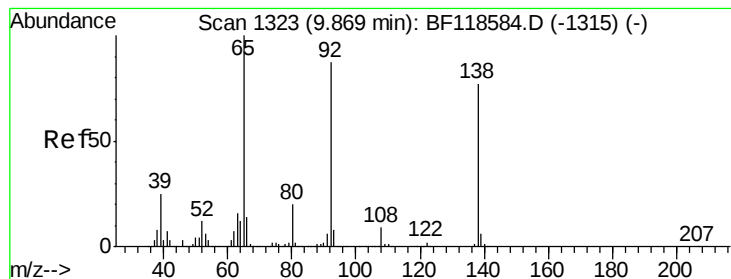
#52
Acenaphthene
Concen: 51.256 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion:154 Resp: 2269834
Ion Ratio Lower Upper
154 100
153 111.4 87.6 131.4
152 55.2 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: 7.007 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MSD

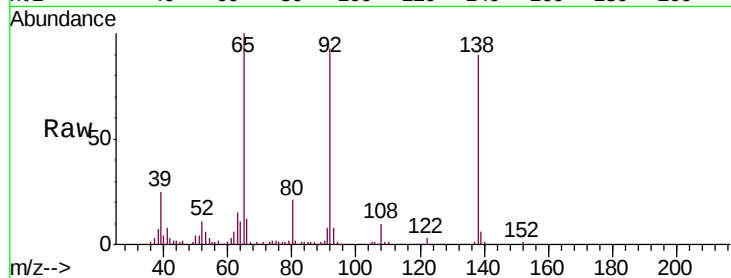
Tgt Ion:138 Resp: 94589

Ion Ratio Lower Upper

138 100

108 10.7 9.6 14.4

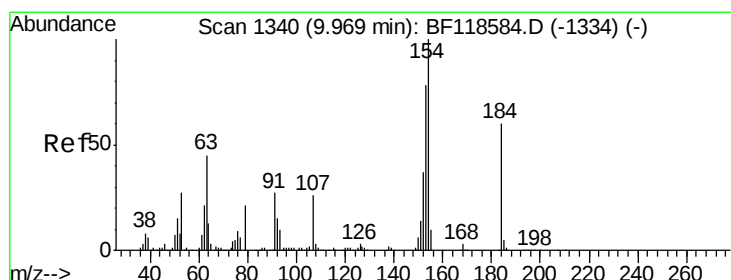
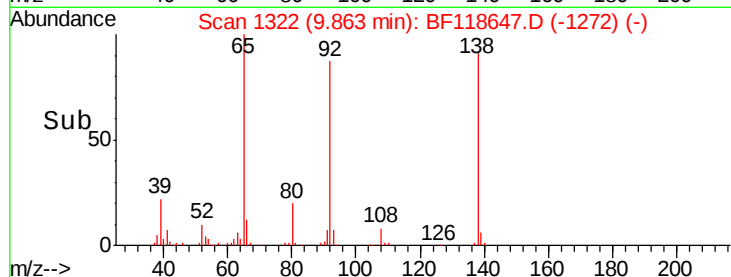
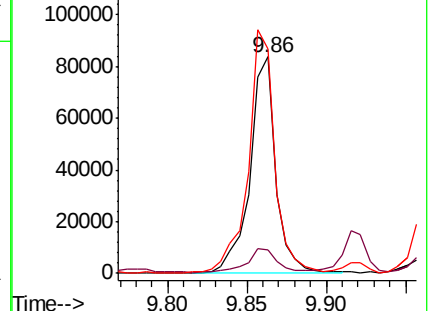
92 103.4 90.6 136.0



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: 113.611 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

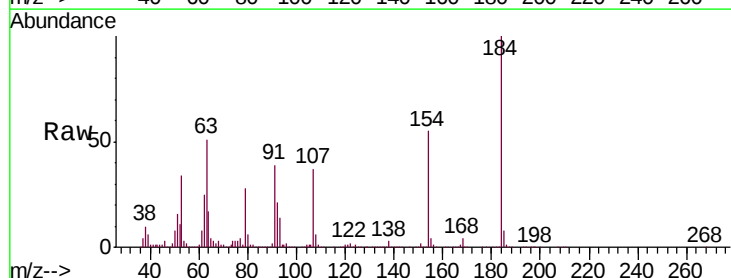
Tgt Ion:184 Resp: 536244

Ion Ratio Lower Upper

184 100

63 51.3 60.6 90.8#

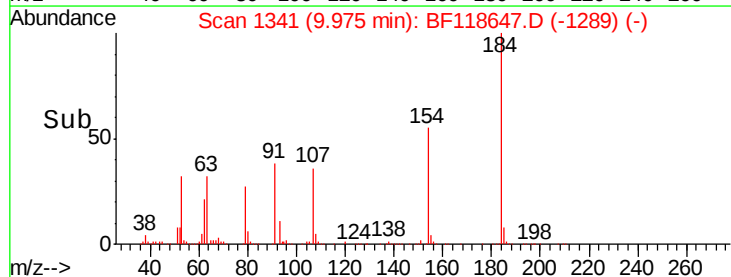
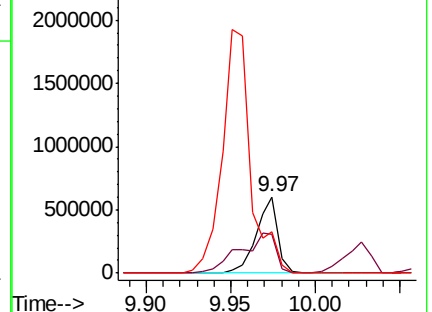
154 55.1 137.3 205.9#

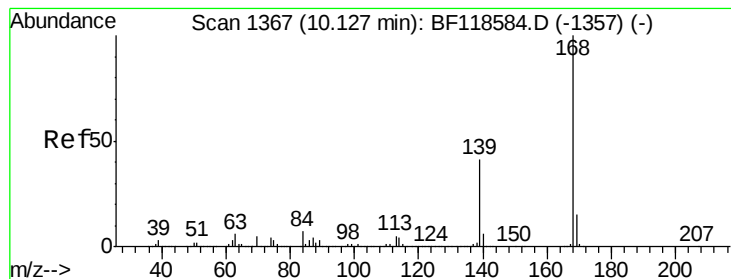


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 48.653 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MSD

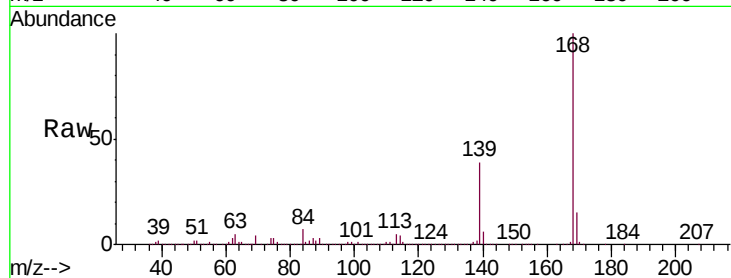
Tgt Ion:168 Resp: 2985801

Ion Ratio Lower Upper

168 100

139 38.8 32.7 49.1

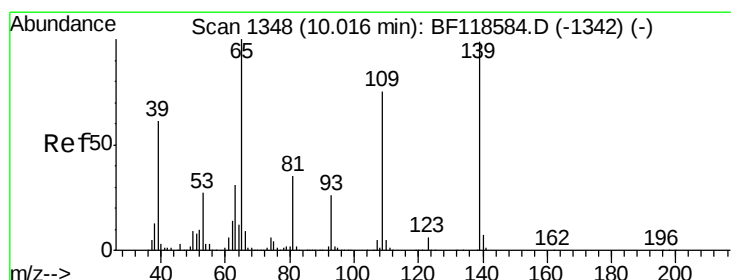
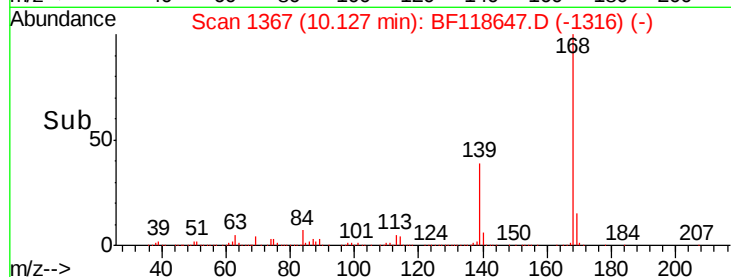
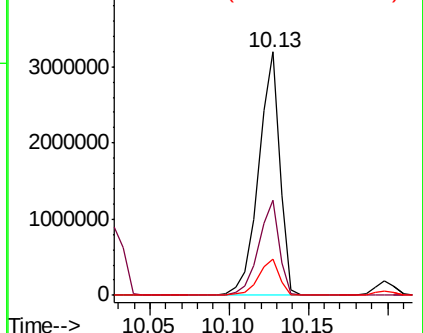
169 15.0 12.2 18.2



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: 95.480 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

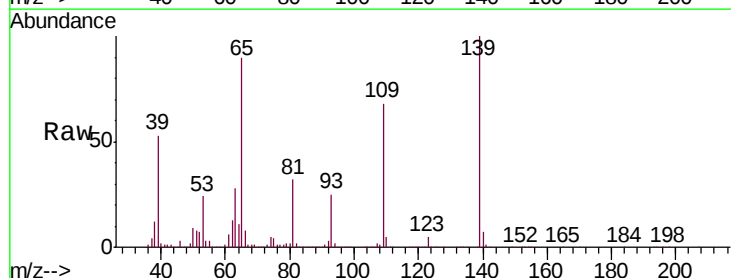
Tgt Ion:139 Resp: 973069

Ion Ratio Lower Upper

139 100

109 67.7 56.0 96.0

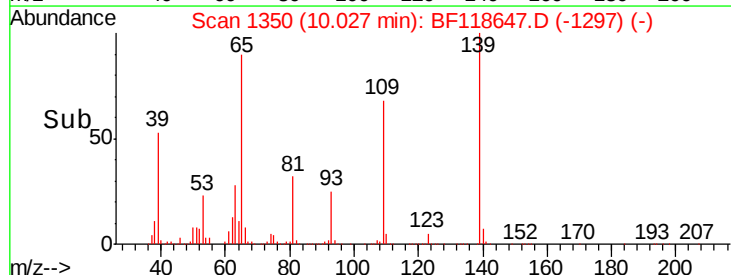
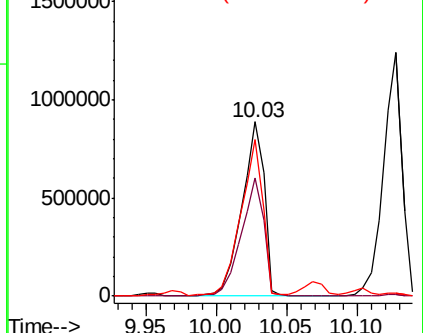
65 90.0 81.4 121.4

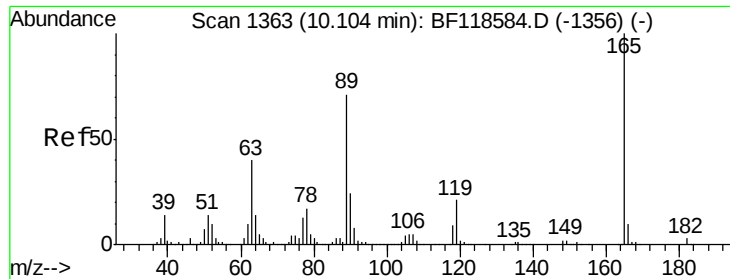


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

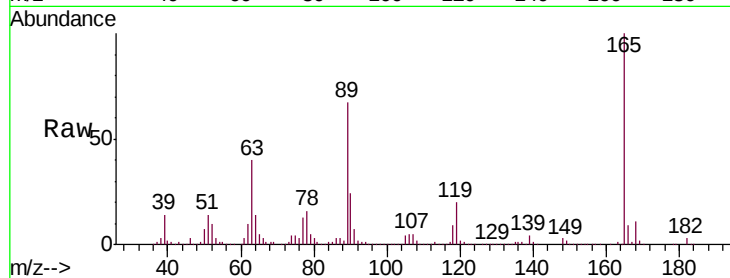




#57
2,4-Dinitrotoluene
Concen: 52.900 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.4	32.4	48.6
89	67.2	56.4	84.6
182	3.0	2.3	3.5

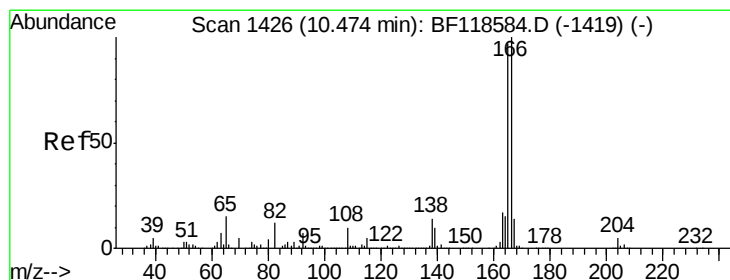
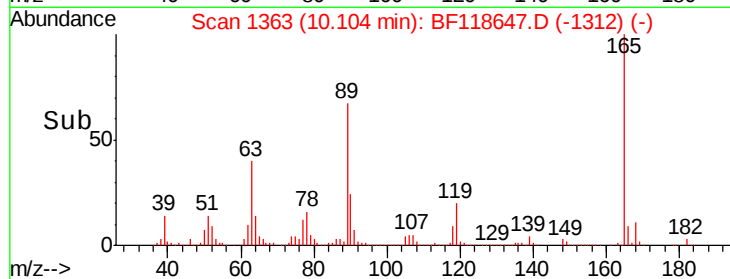
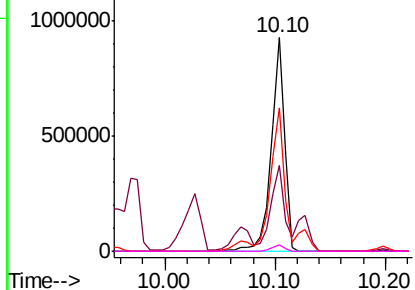


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

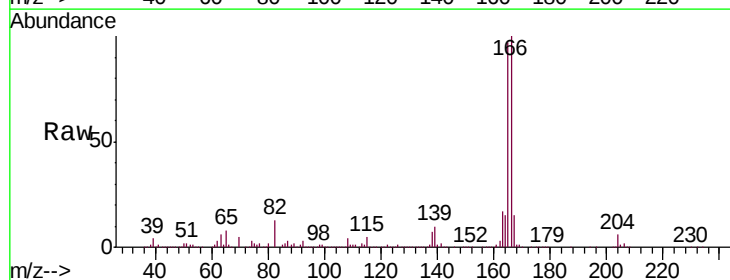
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 47.756 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

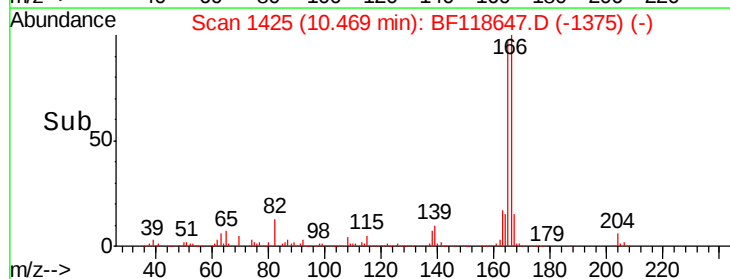
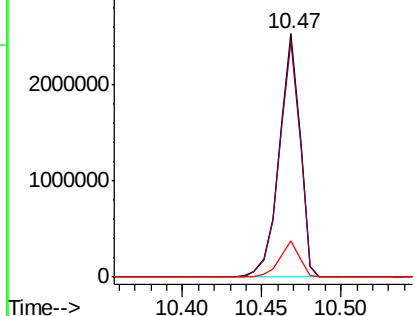
Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.3	115.9
167	14.7	11.5	17.3

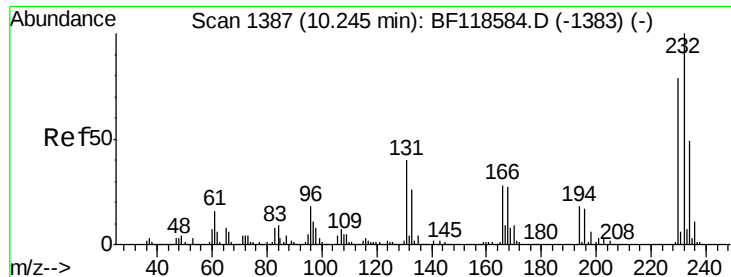


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

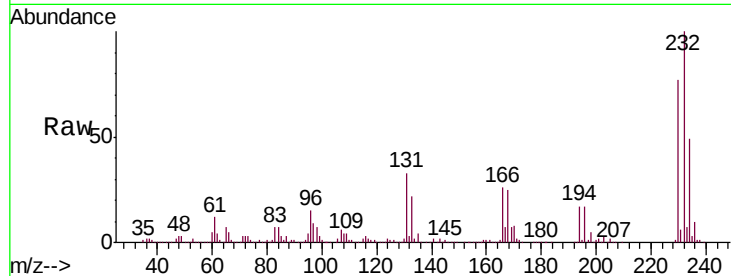




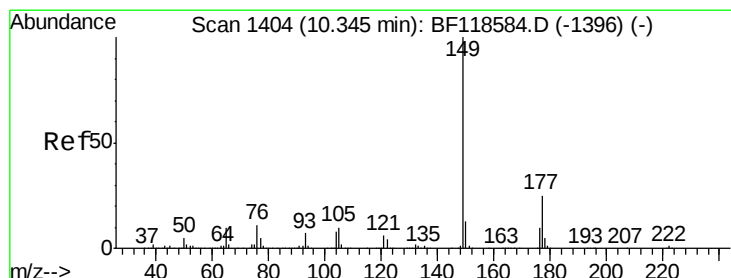
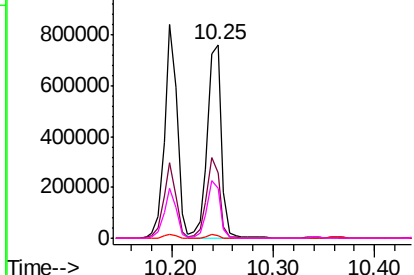
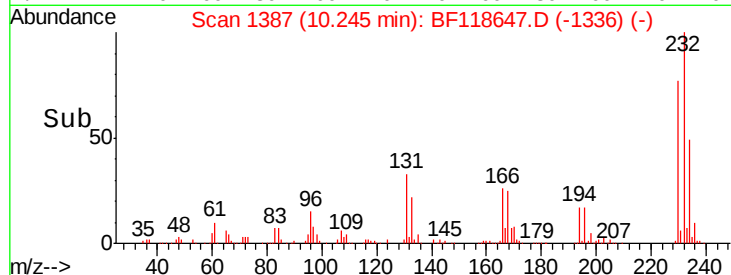
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.729 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

Tgt Ion:	232	Resp:	736531
Ion	Ratio	Lower	Upper
232	100		
131	39.0	33.2	49.8
130	1.9	1.8	2.6
166	27.8	22.6	33.8

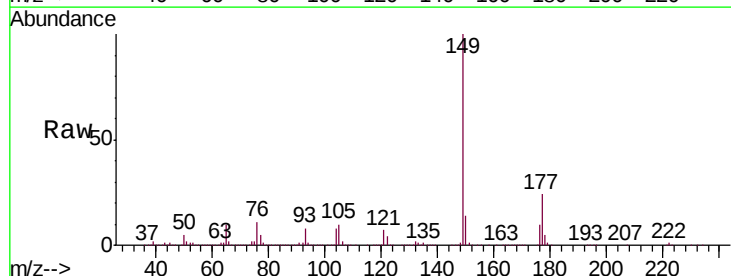


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

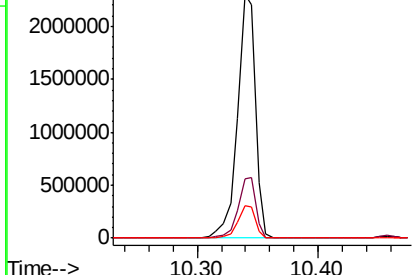
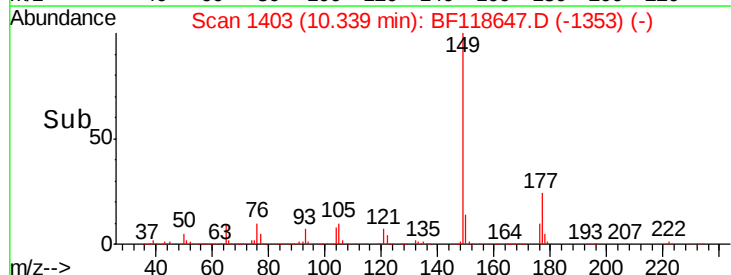


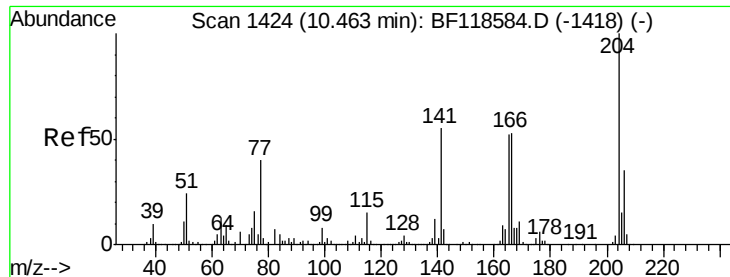
#60
Diethylphthalate
Concen: 46.658 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion:	149	Resp:	2388470
Ion	Ratio	Lower	Upper
149	100		
177	24.5	20.0	30.0
150	13.5	10.6	16.0



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

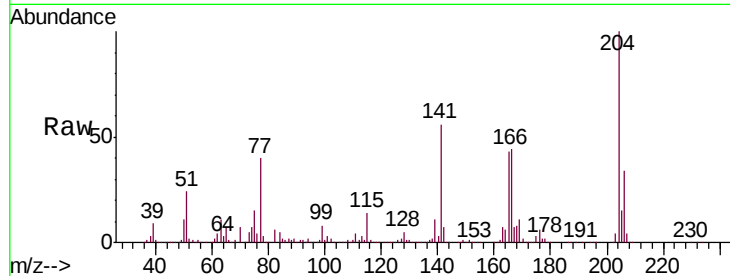




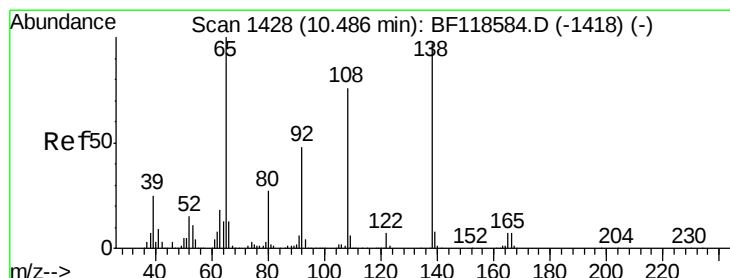
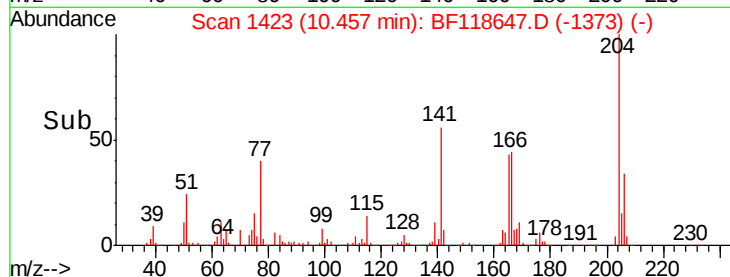
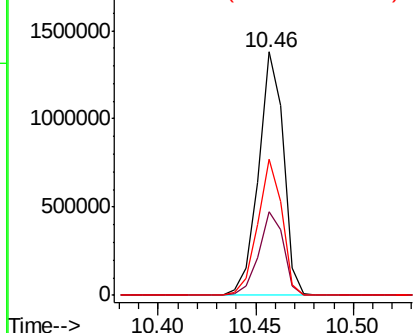
#61
4-Chlorophenyl-phenylether
Concen: 46.515 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

Tgt Ion:204 Resp: 1218817
Ion Ratio Lower Upper
204 100
206 34.2 27.8 41.6
141 55.9 43.7 65.5

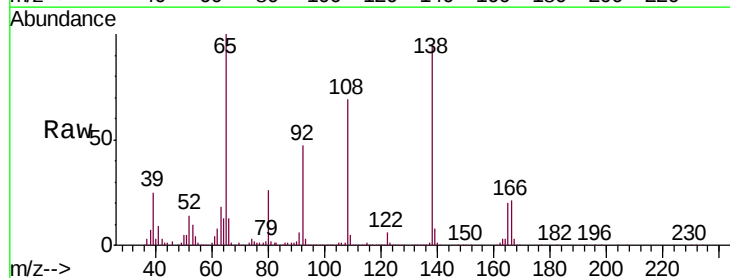


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

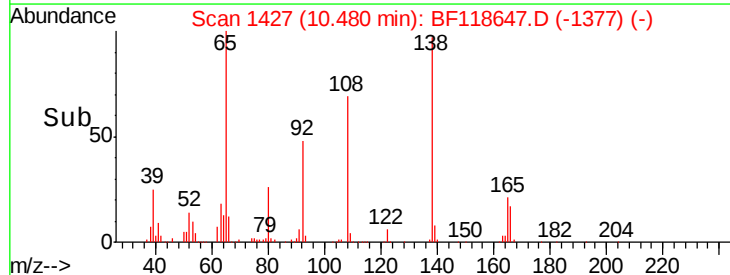
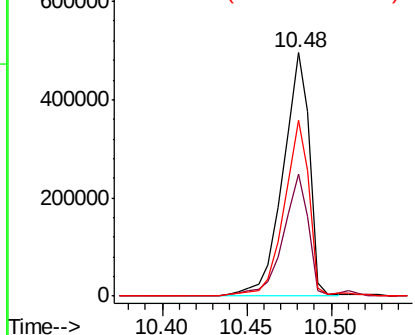


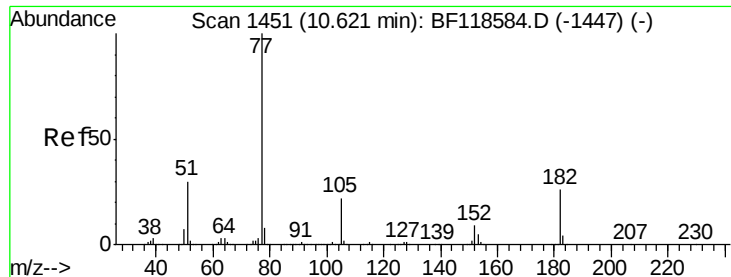
#62
4-Nitroaniline
Concen: 39.138 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion:138 Resp: 541980
Ion Ratio Lower Upper
138 100
92 50.0 29.4 69.4
108 72.4 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

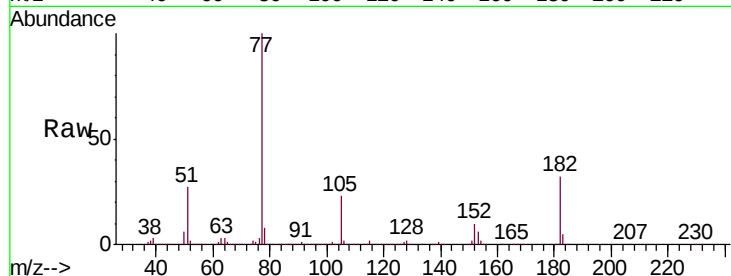




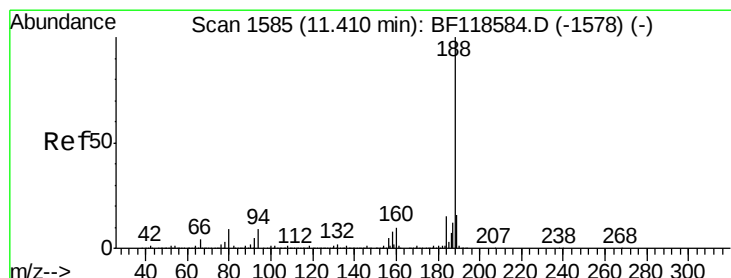
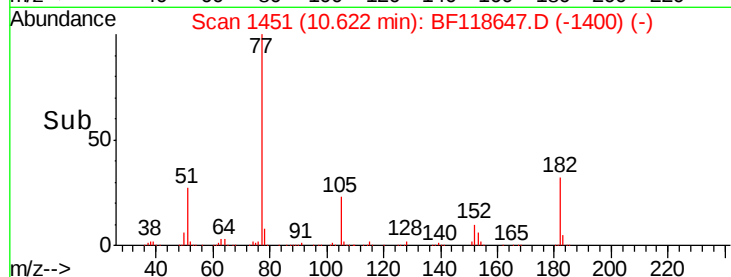
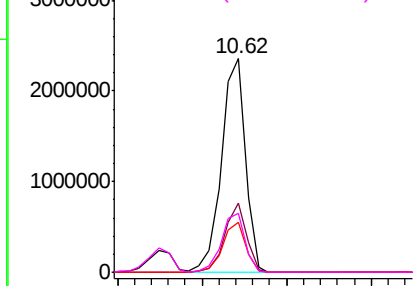
#63
Azobenzene
Concen: 46.793 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

Tgt Ion: 77 Resp: 2319868
Ion Ratio Lower Upper
77 100
182 32.1 5.6 45.6
105 23.4 2.0 42.0
51 27.4 10.2 50.2

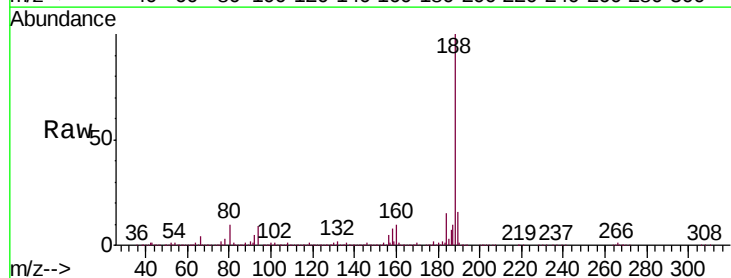


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

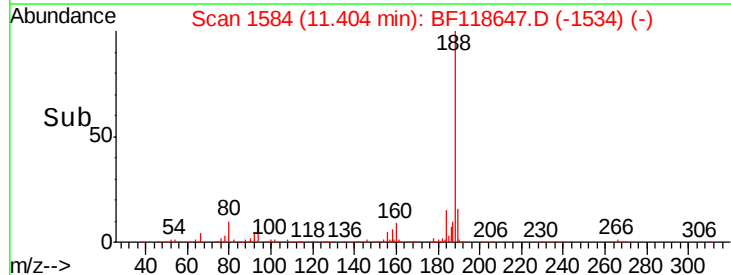
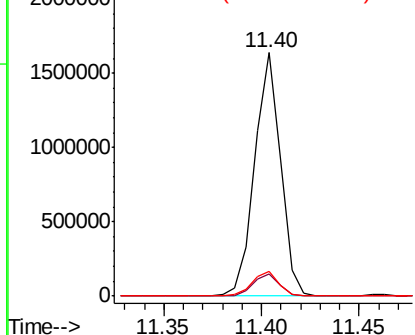


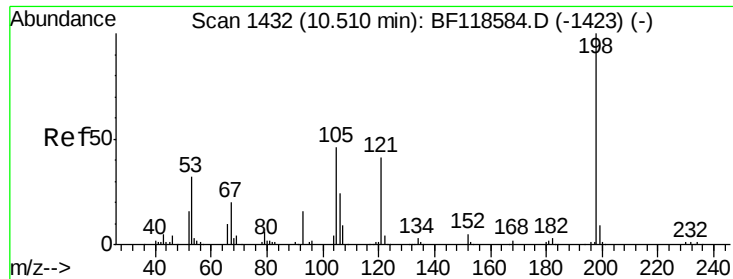
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion: 188 Resp: 1505123
Ion Ratio Lower Upper
188 100
94 9.1 7.1 10.7
80 10.1 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: 59.134 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MSD

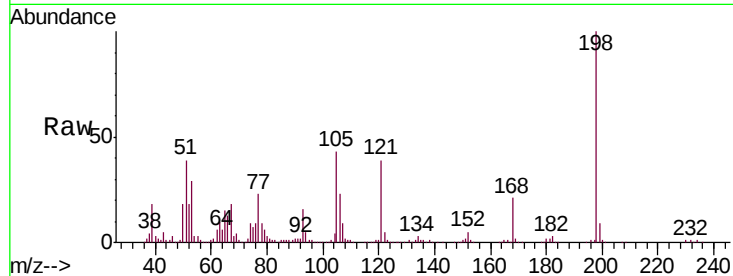
Tgt Ion:198 Resp: 391370

Ion Ratio Lower Upper

198 100

51 39.4 25.2 65.2

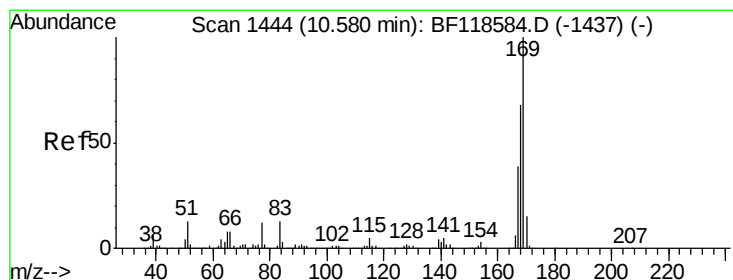
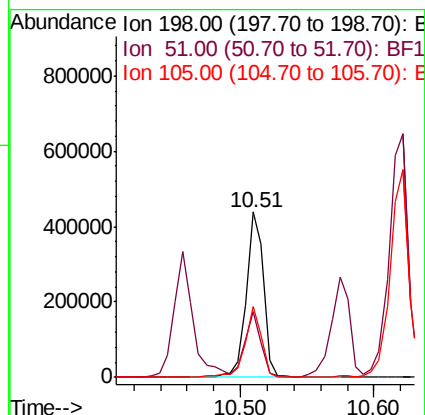
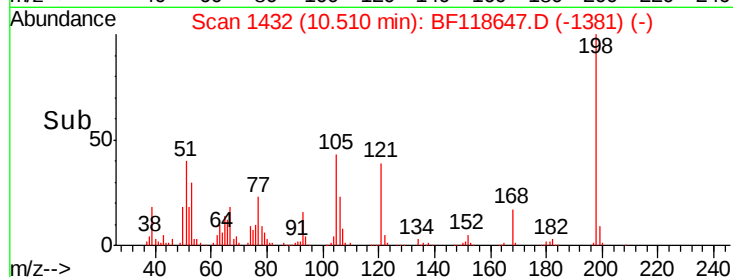
105 43.1 26.3 66.3



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: 47.658 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

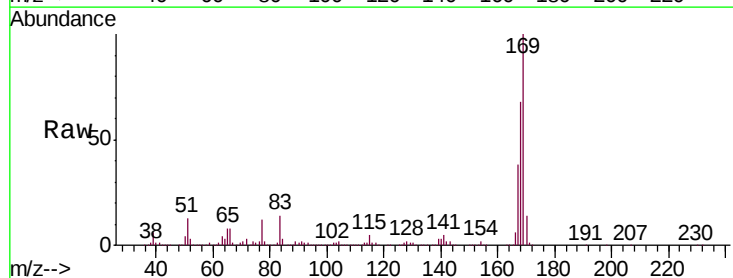
Tgt Ion:169 Resp: 2163241

Ion Ratio Lower Upper

169 100

168 67.6 54.6 82.0

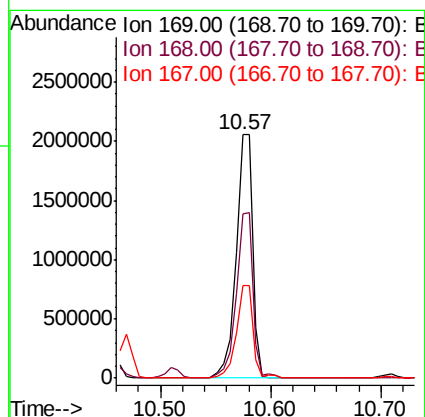
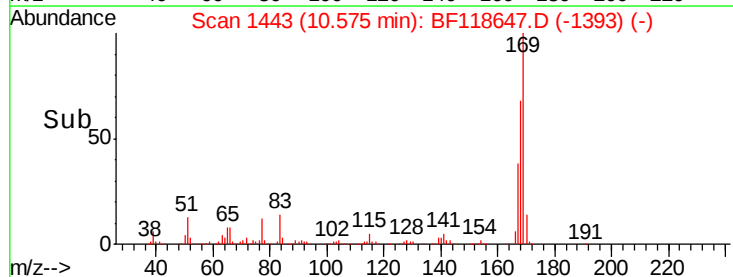
167 37.8 30.9 46.3

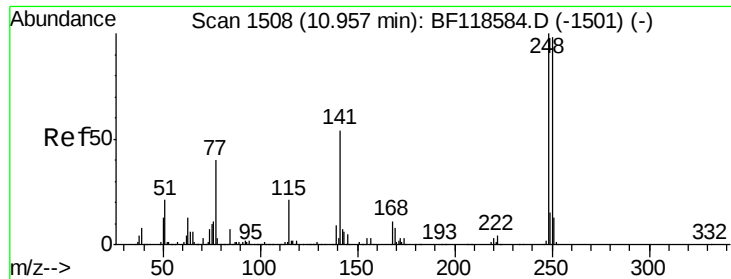


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

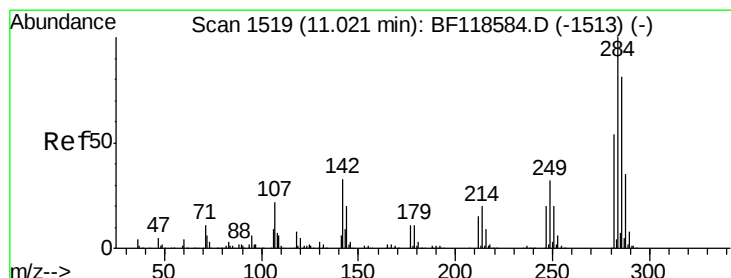
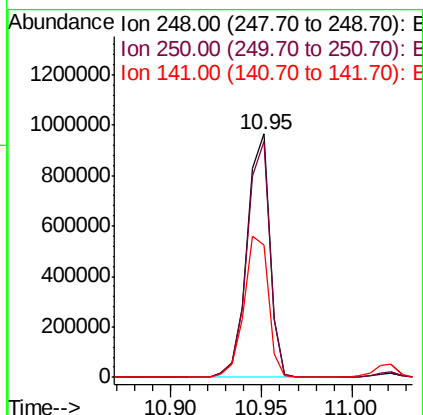
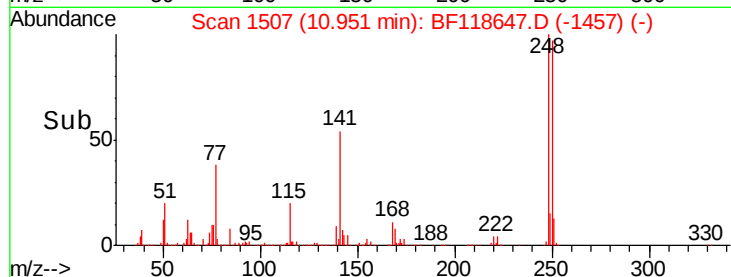
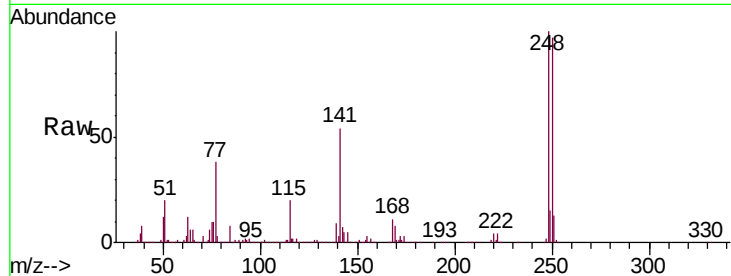




#67
4-Bromophenyl-phenylether
Concen: 45.473 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

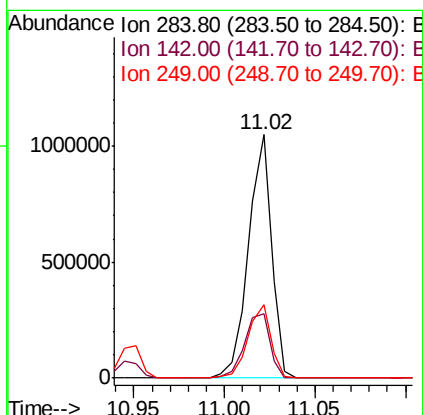
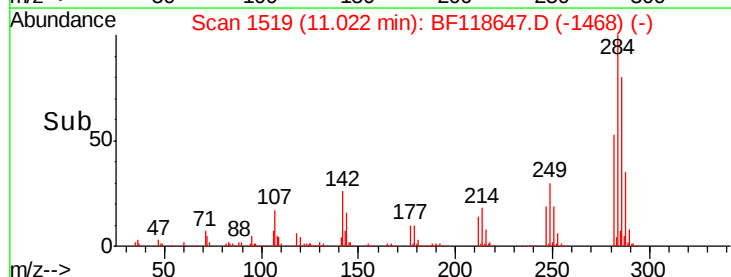
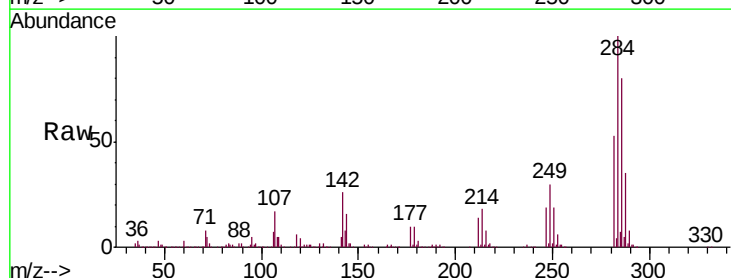
Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

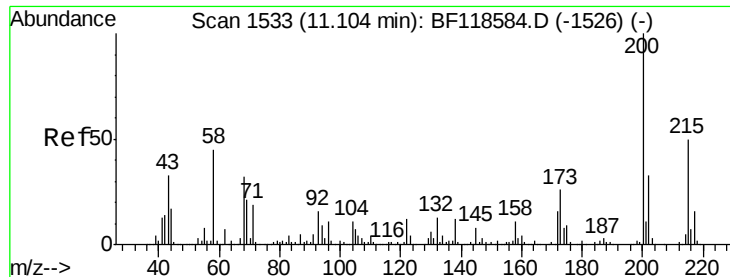
Tgt Ion:248 Resp: 845573
Ion Ratio Lower Upper
248 100
250 96.8 78.7 118.1
141 54.2 43.2 64.8



#68
Hexachlorobenzene
Concen: 44.164 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion:284 Resp: 931082
Ion Ratio Lower Upper
284 100
142 26.4 26.6 39.8#
249 30.1 25.2 37.8

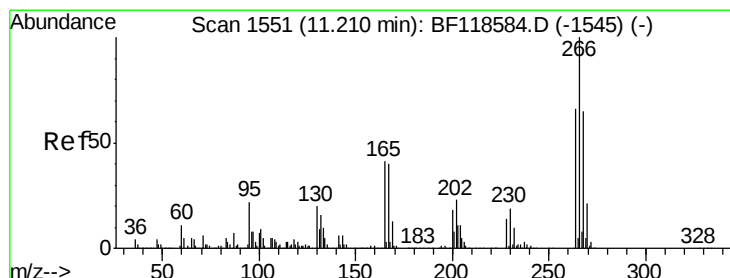
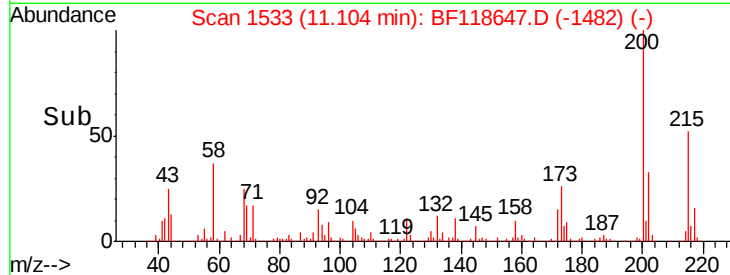
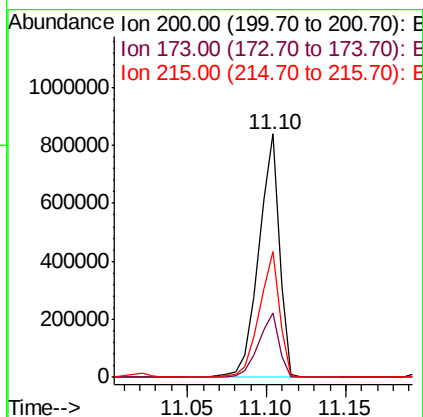
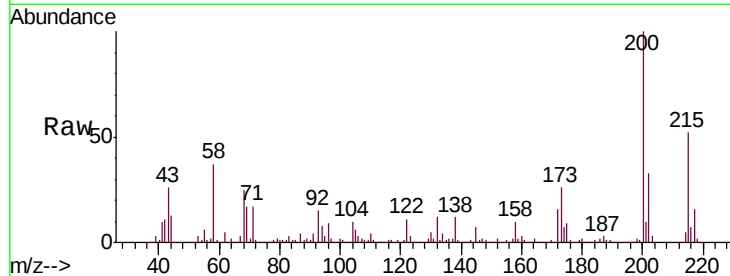




#69
Atrazine
Concen: 48.658 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

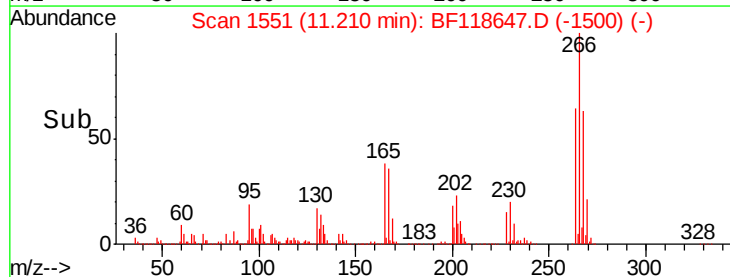
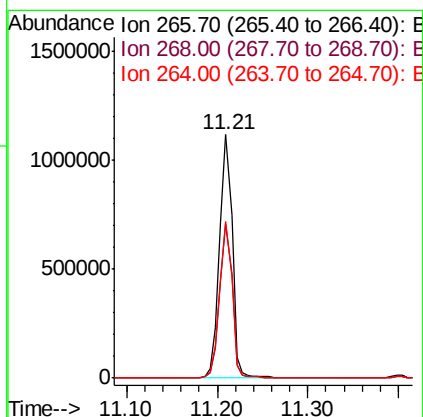
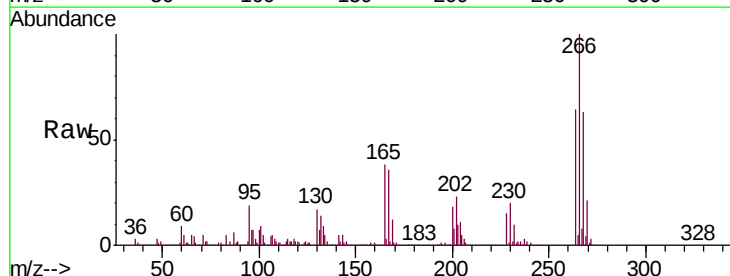
Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

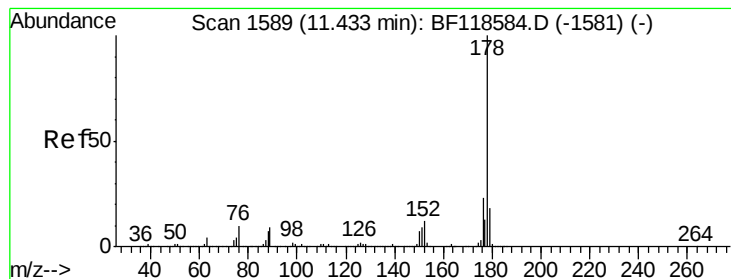
Tgt Ion:200 Resp: 765521
Ion Ratio Lower Upper
200 100
173 26.3 6.3 46.3
215 51.9 30.2 70.2



#70
Pentachlorophenol
Concen: 92.510 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion:266 Resp: 1084336
Ion Ratio Lower Upper
266 100
268 63.4 52.1 78.1
264 64.0 52.4 78.6





#71

Phenanthrene

Concen: 47.501 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MSD

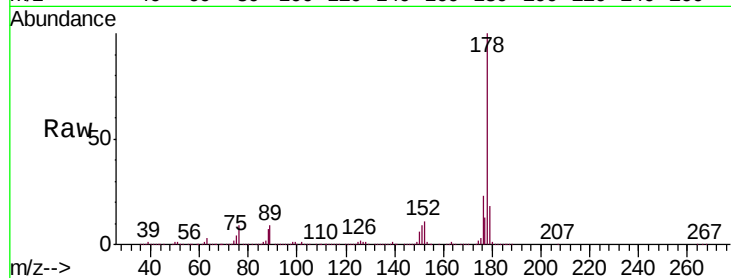
Tgt Ion:178 Resp: 3449212

Ion Ratio Lower Upper

178 100

176 22.6 18.6 27.8

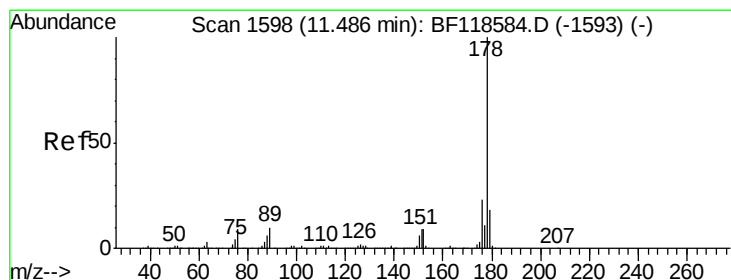
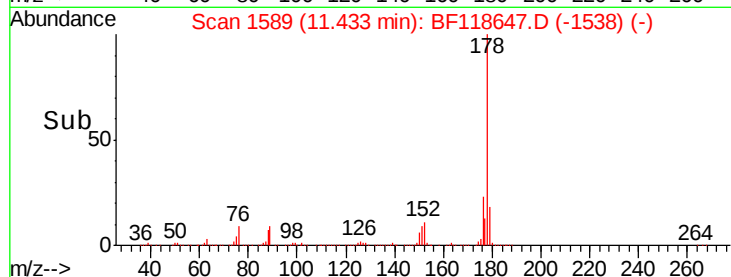
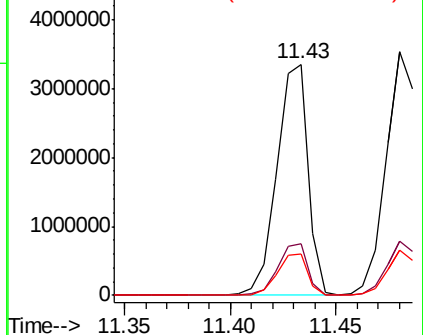
179 17.7 14.7 22.1



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



#72

Anthracene

Concen: 49.282 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF118647.D

Acq: 21 Jan 2020 22:13

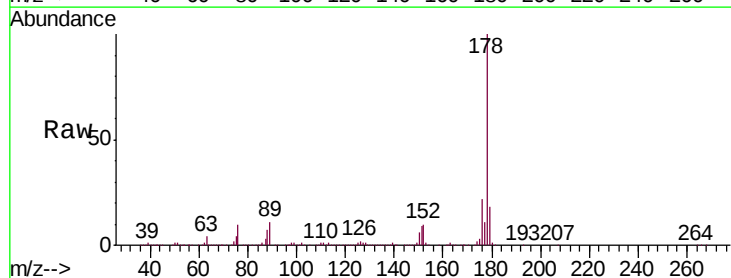
Tgt Ion:178 Resp: 3540916

Ion Ratio Lower Upper

178 100

176 22.1 18.0 27.0

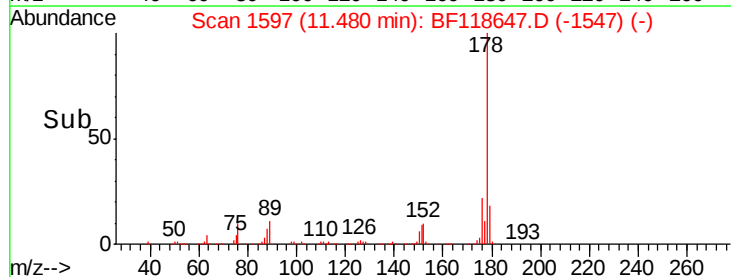
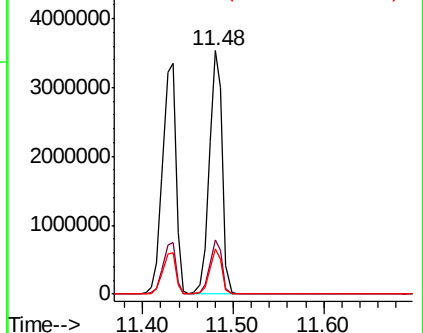
179 18.3 14.7 22.1

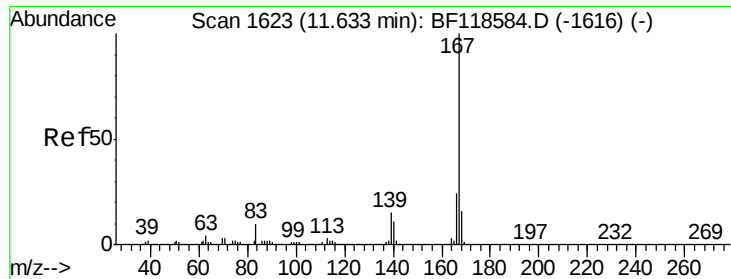


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

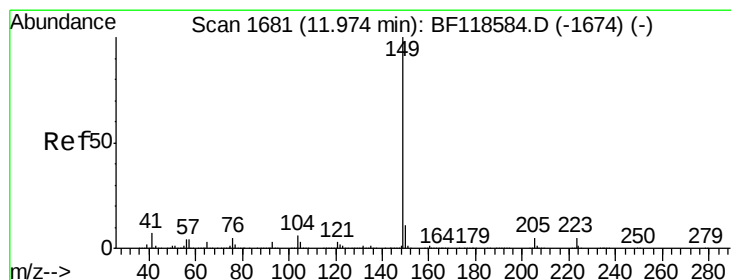
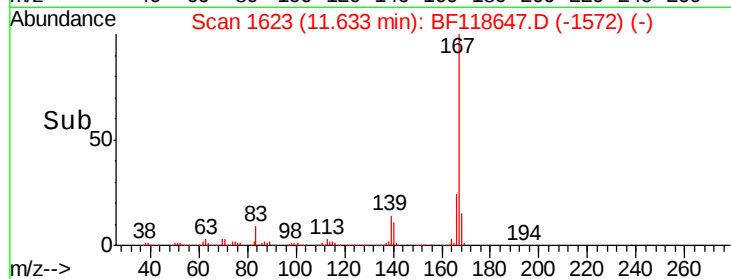
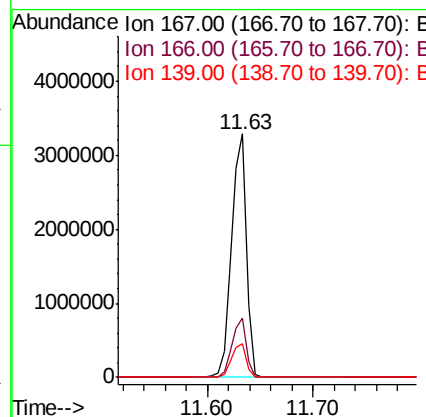
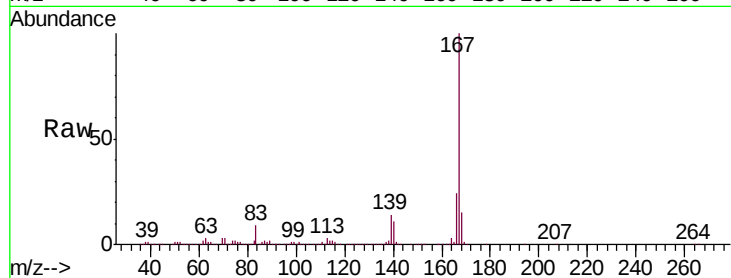




#73
 Carbazole
 Concen: 48.242 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF118647.D
 Acq: 21 Jan 2020 22:13

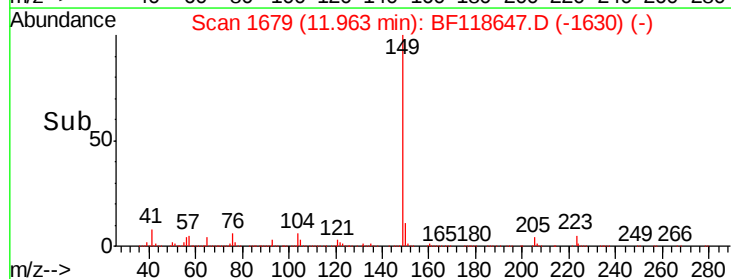
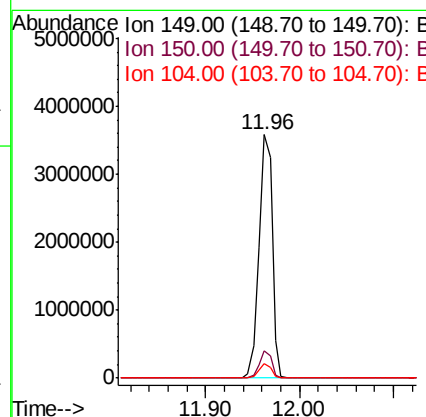
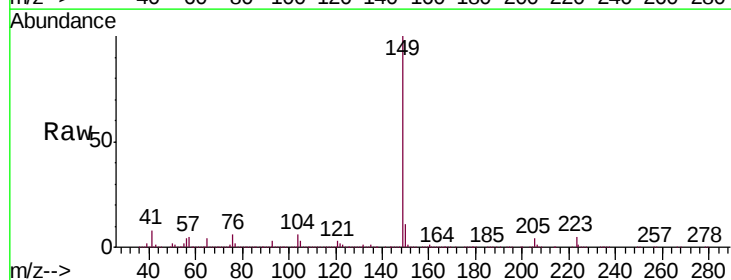
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720MSD

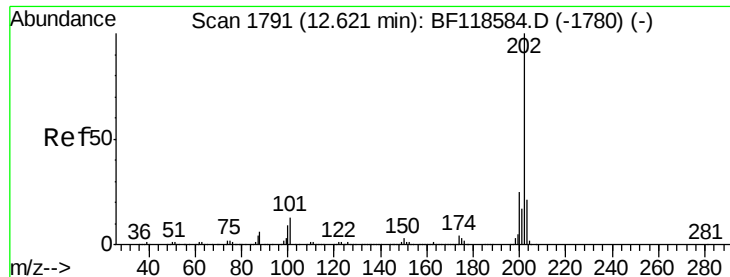
Tgt Ion:167 Resp: 3179356
 Ion Ratio Lower Upper
 167 100
 166 24.4 19.4 29.2
 139 14.0 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 47.780 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF118647.D
 Acq: 21 Jan 2020 22:13

Tgt Ion:149 Resp: 3498540
 Ion Ratio Lower Upper
 149 100
 150 11.2 8.7 13.1
 104 5.8 4.6 6.8

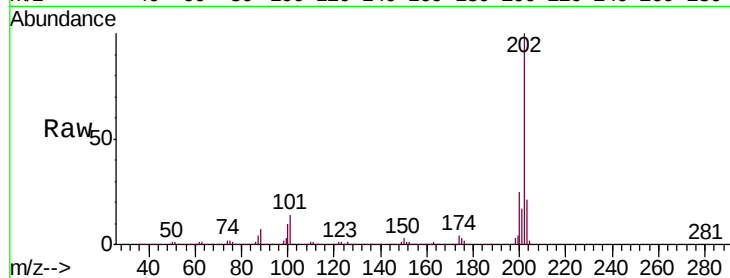




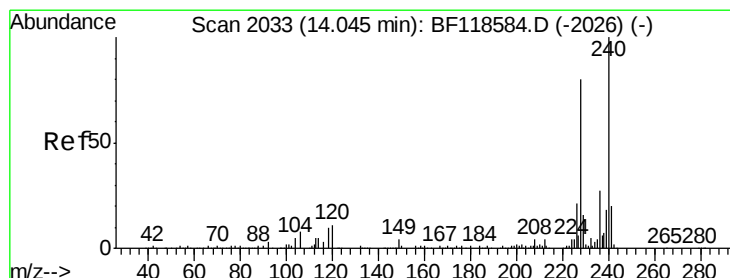
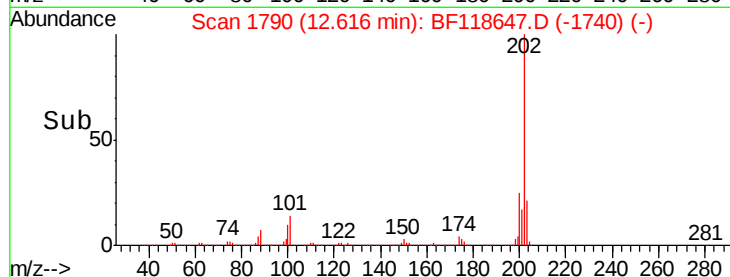
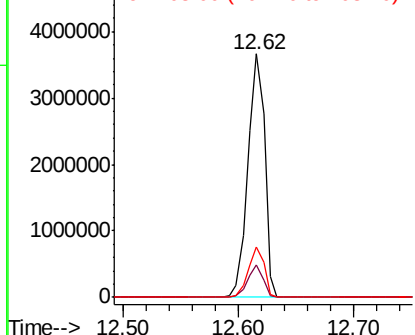
#75
 Fluoranthene
 Concen: 48.183 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BF118647.D
 Acq: 21 Jan 2020 22:13

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720MSD

Tgt Ion:202 Resp: 3690165
 Ion Ratio Lower Upper
 202 100
 101 13.5 0.0 32.5
 203 20.9 0.8 40.8

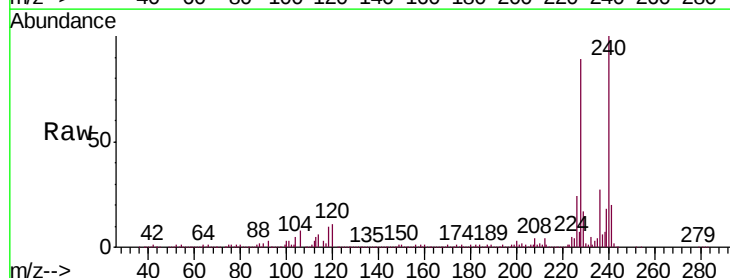


Abundance Ion 202.00 (201.70 to 202.70): E
 5000000
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

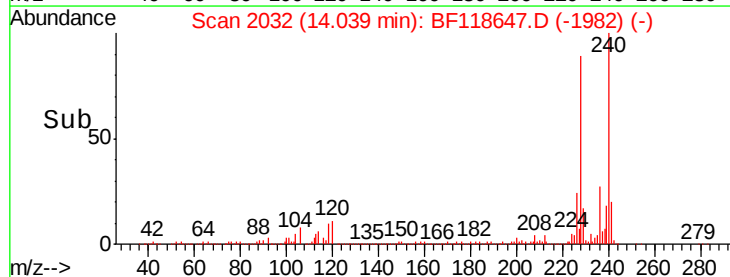
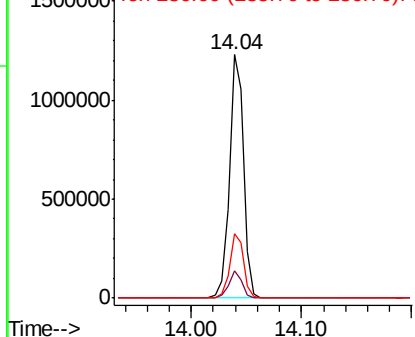


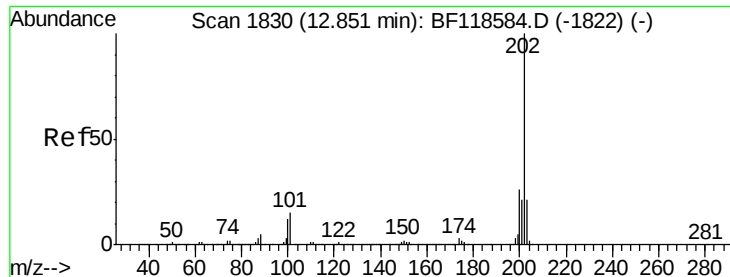
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF118647.D
 Acq: 21 Jan 2020 22:13

Tgt Ion:240 Resp: 1093575
 Ion Ratio Lower Upper
 240 100
 120 11.4 8.9 13.3
 236 26.6 21.5 32.3



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

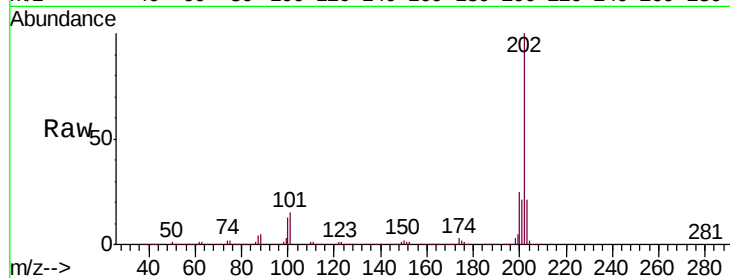




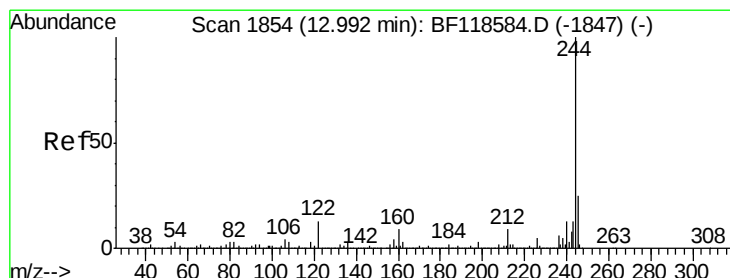
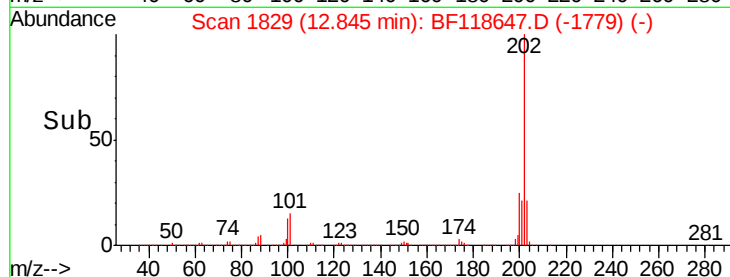
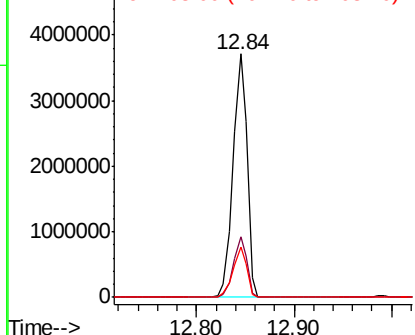
#78
 Pyrene
 Concen: 49.942 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF118647.D
 Acq: 21 Jan 2020 22:13

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720MSD

Tgt Ion: 202 Resp: 3707910
 Ion Ratio Lower Upper
 202 100
 200 25.1 20.6 31.0
 203 20.7 16.8 25.2

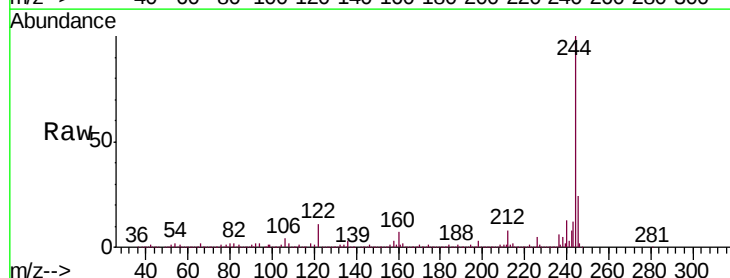


Abundance Ion 202.00 (201.70 to 202.70): E
 5000000
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

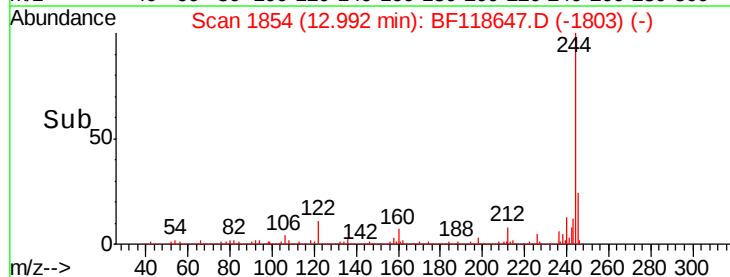
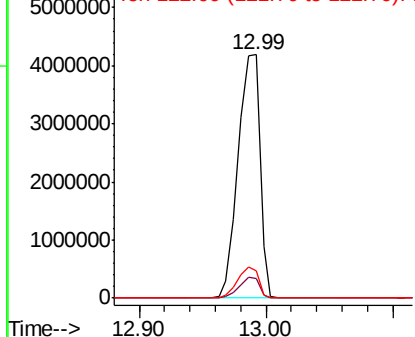


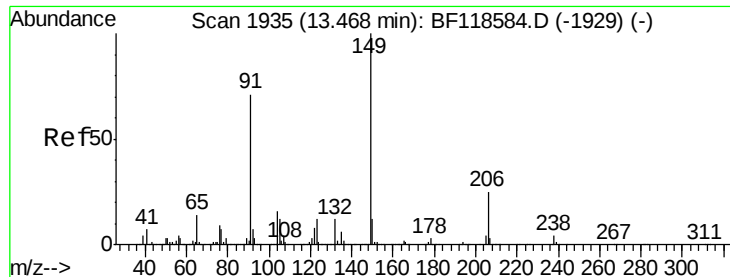
#79
 Terphenyl-d14
 Concen: 99.201 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: BF118647.D
 Acq: 21 Jan 2020 22:13

Tgt Ion: 244 Resp: 4973846
 Ion Ratio Lower Upper
 244 100
 212 8.2 7.0 10.4
 122 11.2 10.7 16.1



Abundance Ion 244.00 (243.70 to 244.70): E
 5000000
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

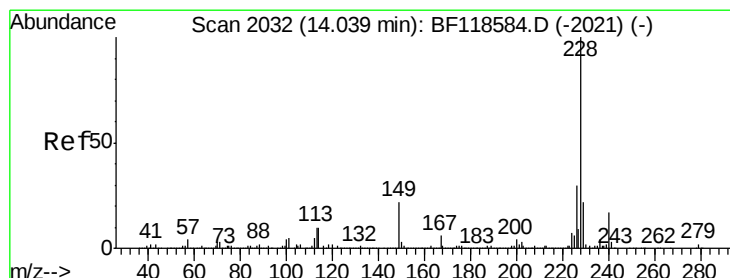
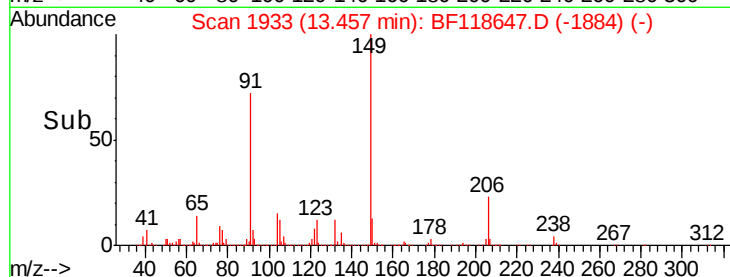
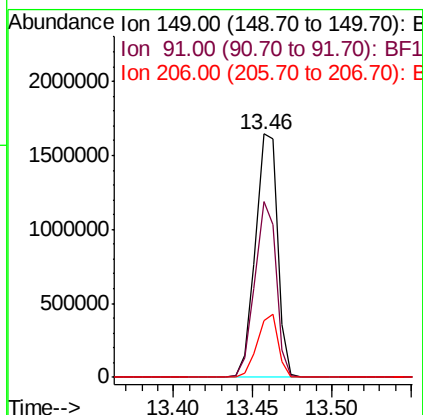
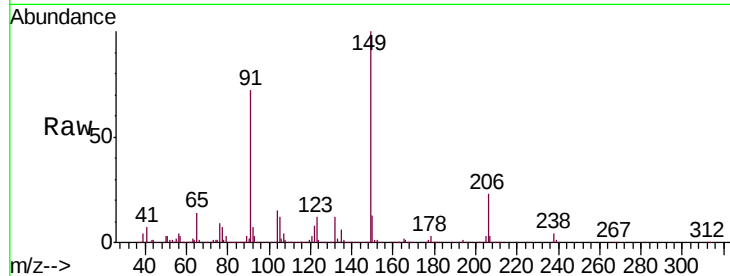




#80
Butylbenzylphthalate
Concen: 53.044 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

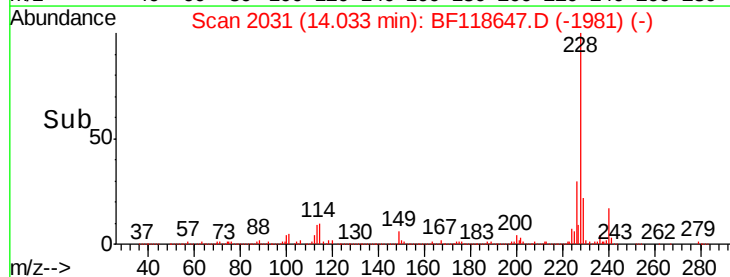
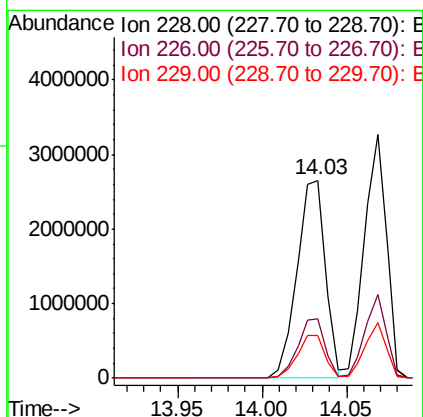
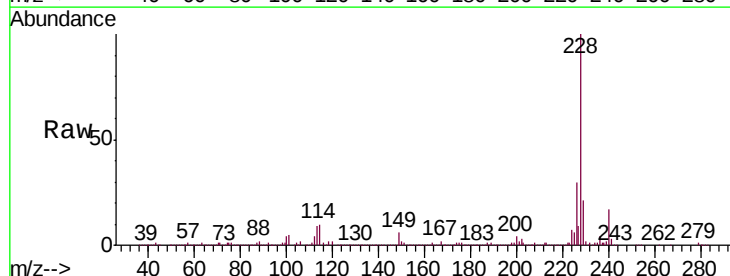
Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

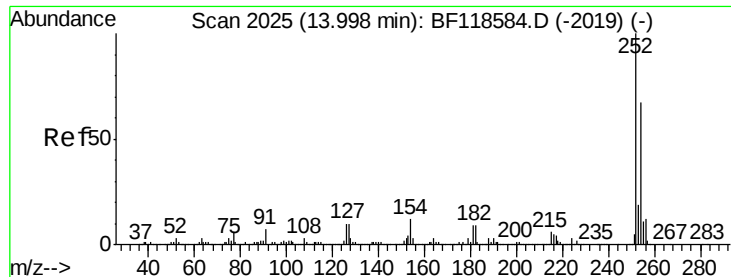
Tgt Ion:149 Resp: 1611744
Ion Ratio Lower Upper
149 100
91 72.5 56.5 84.7
206 23.3 19.9 29.9



#81
Benzo(a)anthracene
Concen: 47.089 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion:228 Resp: 3097703
Ion Ratio Lower Upper
228 100
226 29.7 24.1 36.1
229 21.5 17.6 26.4

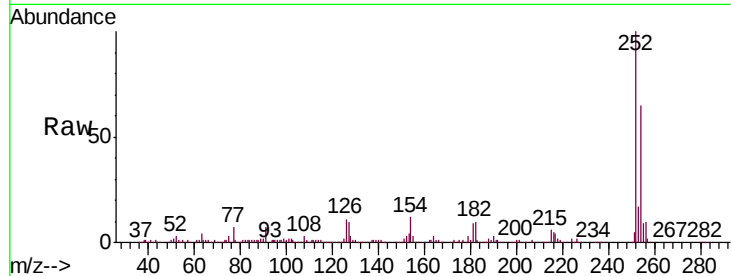




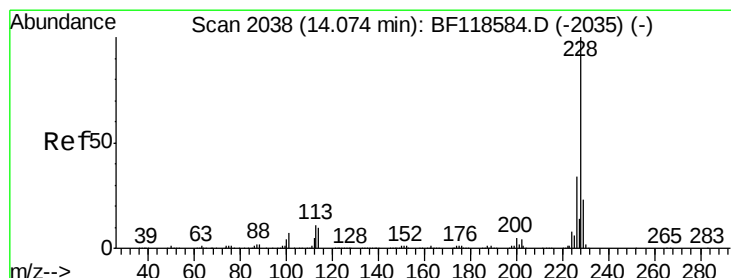
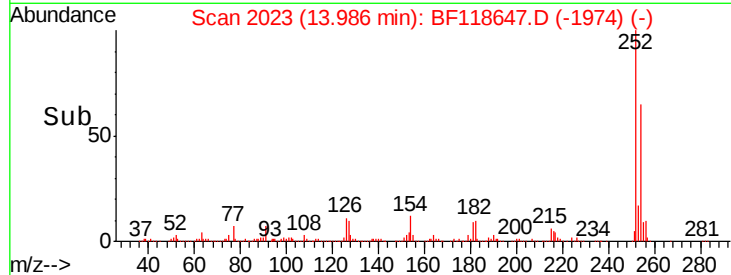
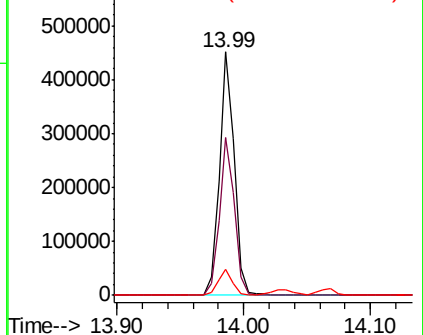
#82
 3,3'-Dichlorobenzidine
 Concen: 15.959 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF118647.D
 Acq: 21 Jan 2020 22:13

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	53.4	80.2
126	10.9	8.0	12.0

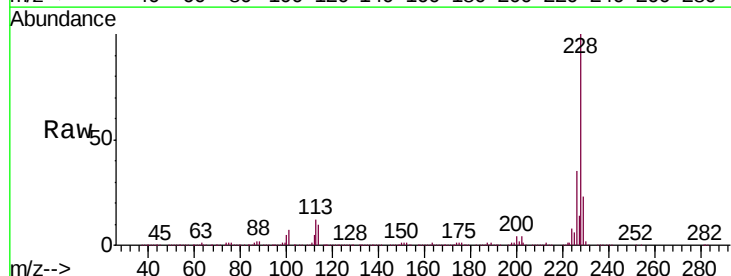


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

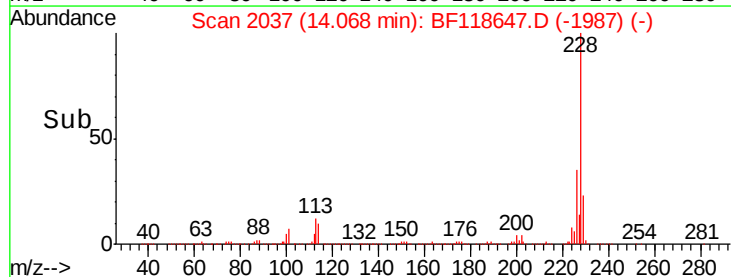
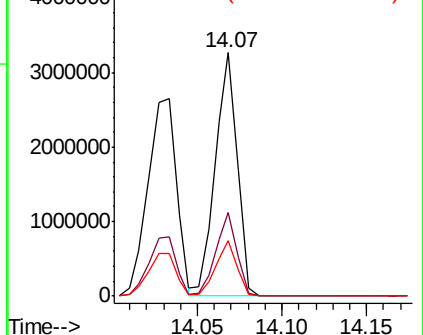


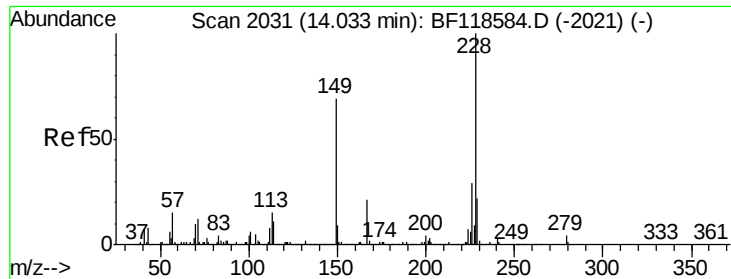
#83
 Chrysene
 Concen: 47.356 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF118647.D
 Acq: 21 Jan 2020 22:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.6	27.4	41.0
229	22.8	18.3	27.5



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

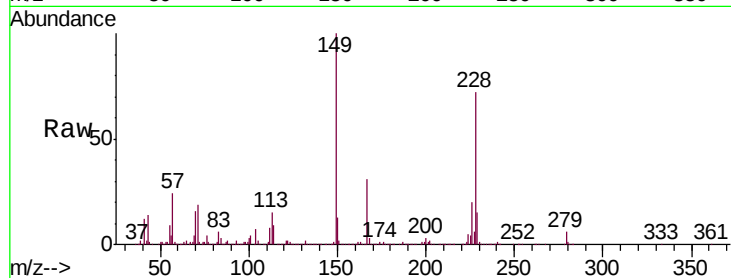




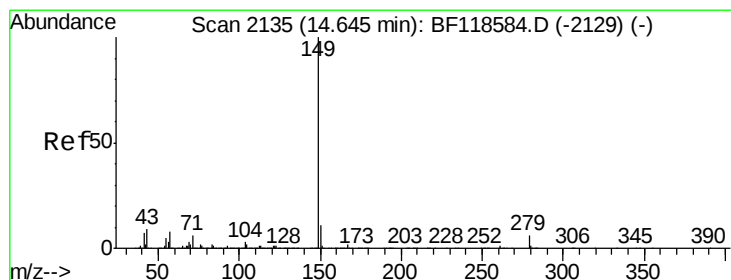
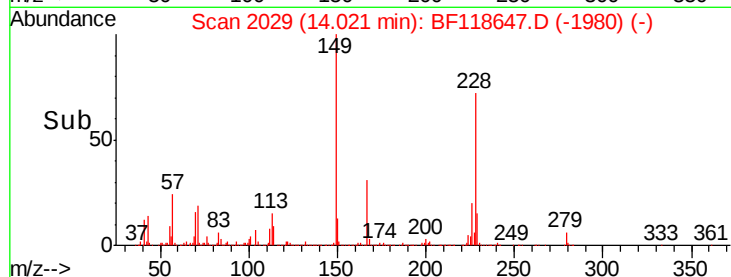
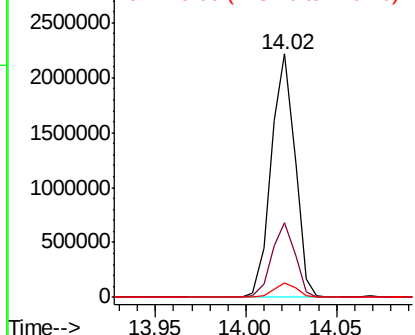
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 54.215 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF118647.D
 Acq: 21 Jan 2020 22:13

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720MSD

Tgt Ion:149 Resp: 2012583
 Ion Ratio Lower Upper
 149 100
 167 30.7 24.2 36.4
 279 6.1 5.0 7.4

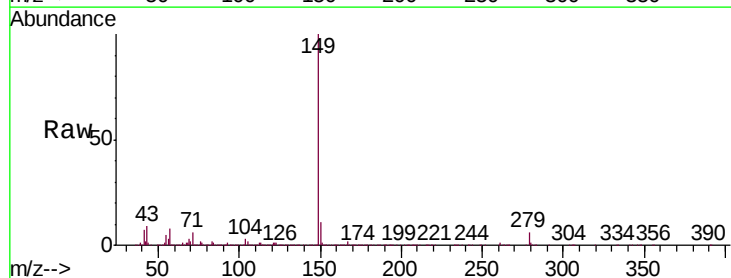


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

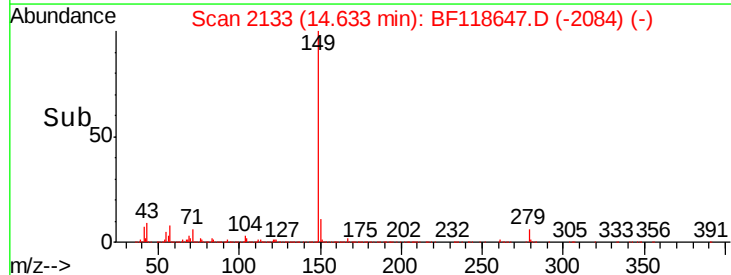
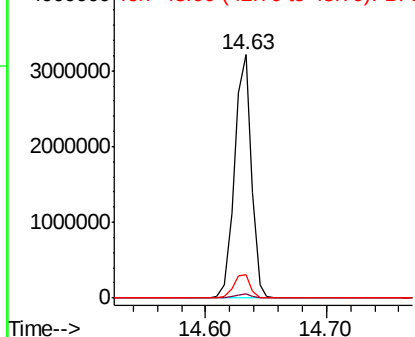


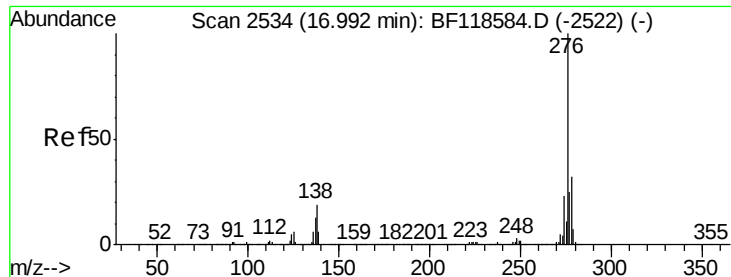
#85
 Di-n-octyl phthalate
 Concen: 56.681 ng
 RT: 14.63 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BF118647.D
 Acq: 21 Jan 2020 22:13

Tgt Ion:149 Resp: 3114506
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 9.6 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

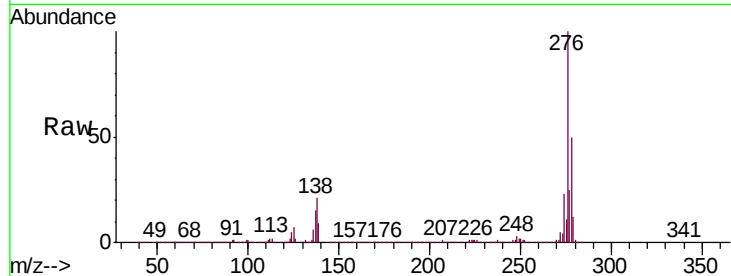




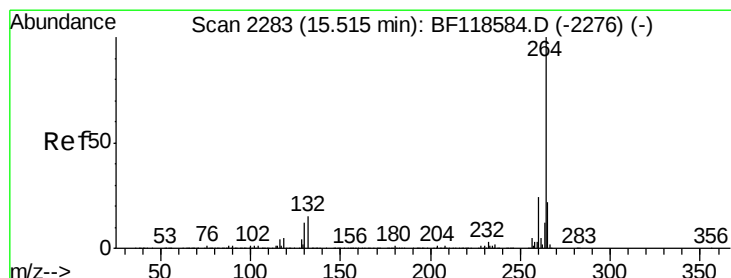
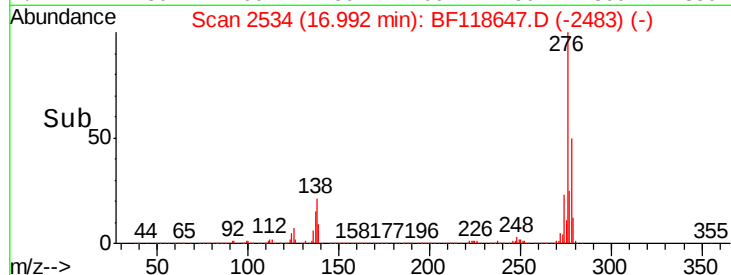
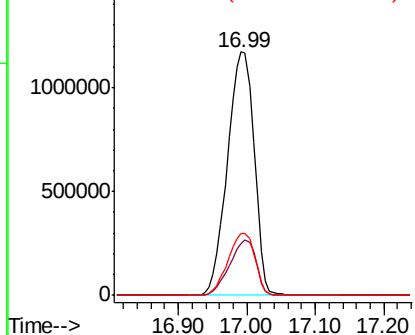
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 57.851 ng
 RT: 16.99 min Scan# 2534
 Delta R.T. 0.00 min
 Lab File: BF118647.D
 Acq: 21 Jan 2020 22:13

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720MSD

Tgt Ion:276 Resp: 3169216
 Ion Ratio Lower Upper
 276 100
 138 22.5 17.2 25.8
 277 25.7 20.5 30.7

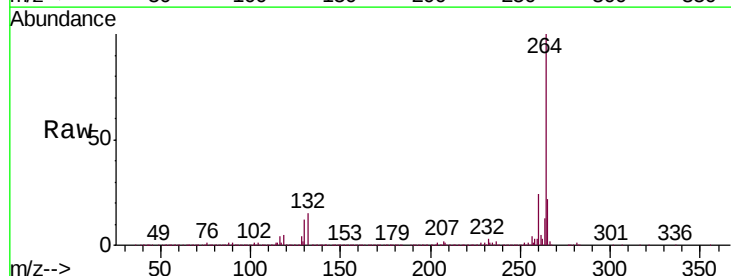


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

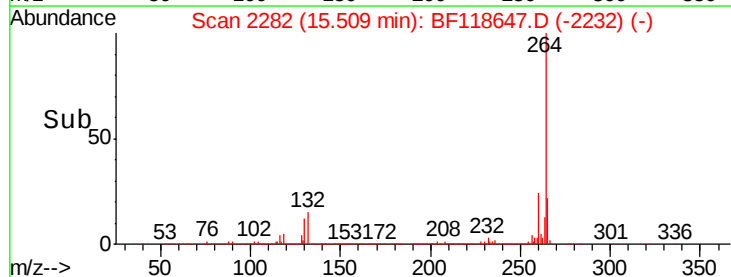
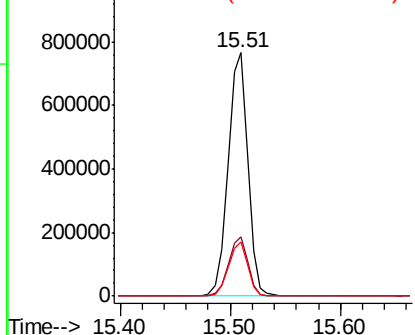


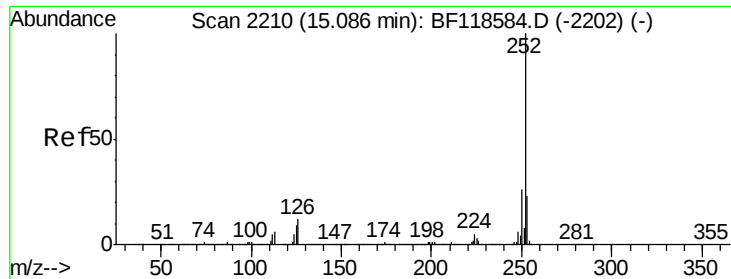
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. -0.01 min
 Lab File: BF118647.D
 Acq: 21 Jan 2020 22:13

Tgt Ion:264 Resp: 959291
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.6 29.4
 265 22.0 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

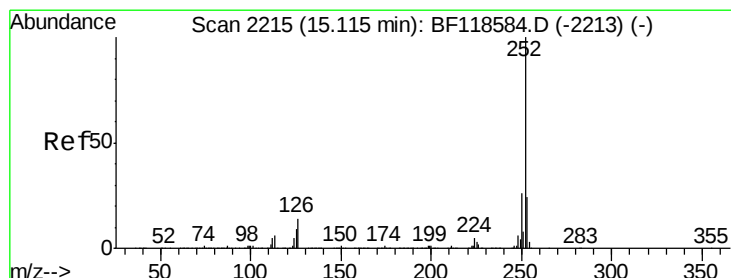
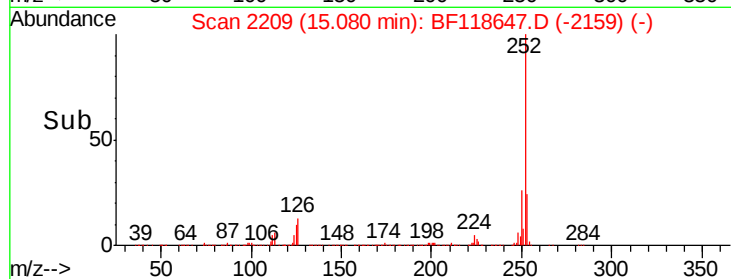
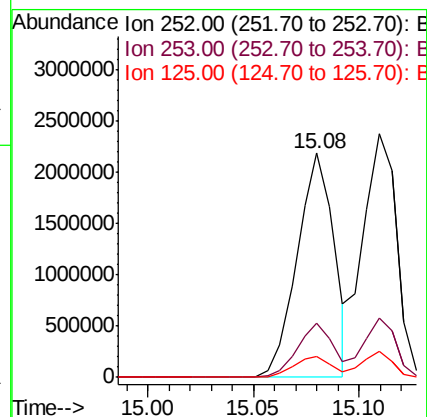
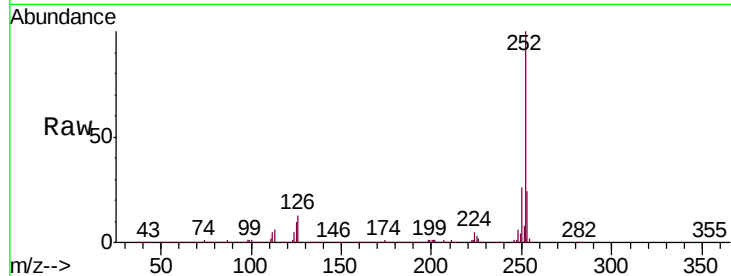




#88
Benzo(b)fluoranthene
Concen: 43.993 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

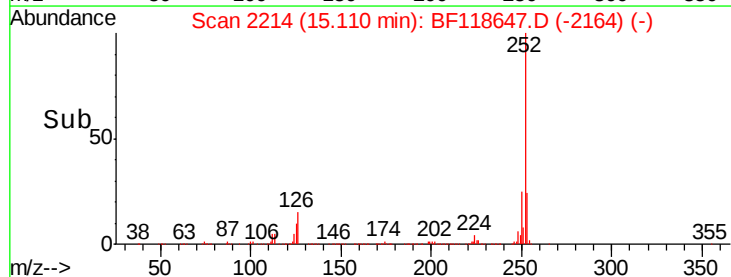
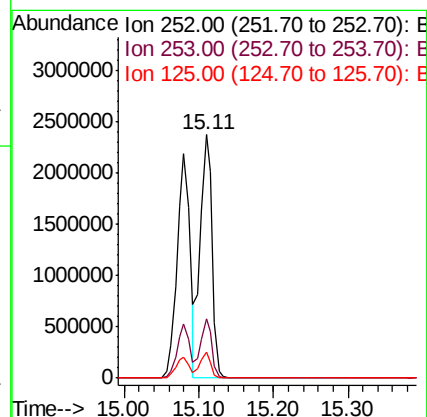
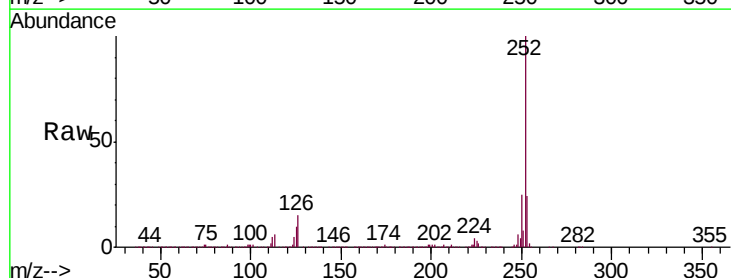
Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

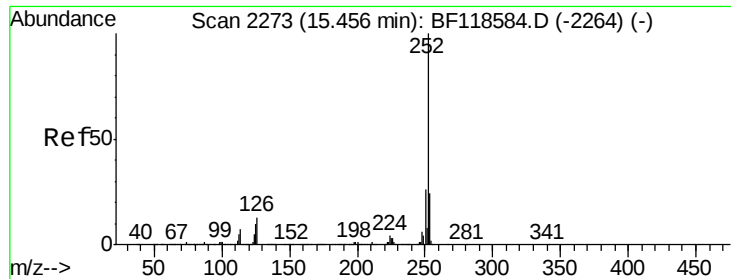
Tgt Ion:252 Resp: 2652736
Ion Ratio Lower Upper
252 100
253 24.0 18.7 28.1
125 9.5 7.3 10.9



#89
Benzo(k)fluoranthene
Concen: 47.483 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion:252 Resp: 2652565
Ion Ratio Lower Upper
252 100
253 24.2 19.0 28.4
125 10.4 7.6 11.4

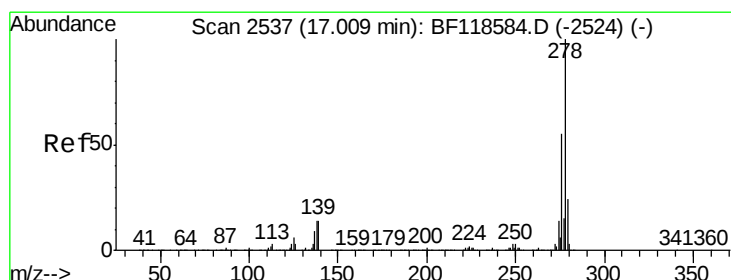
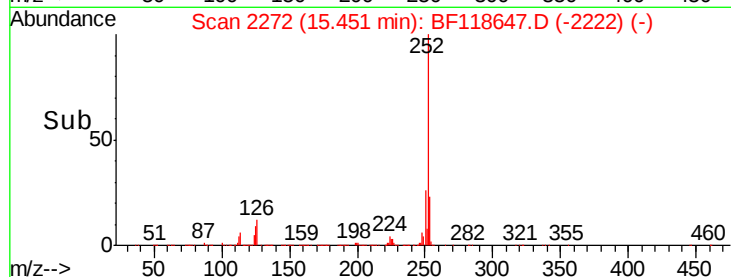
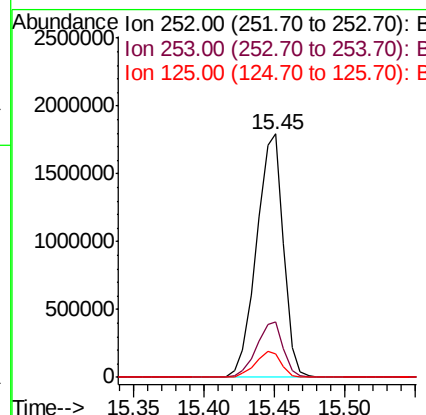
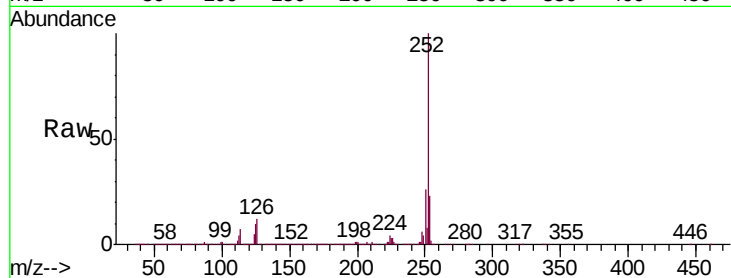




#90
Benzo(a)pyrene
Concen: 46.308 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

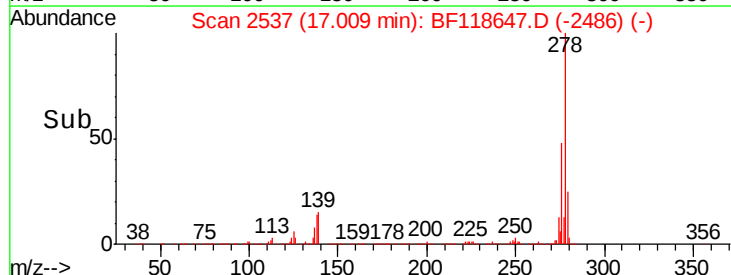
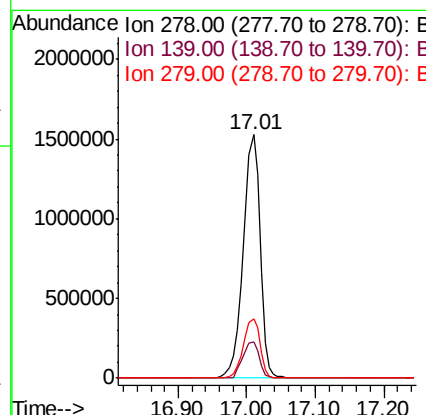
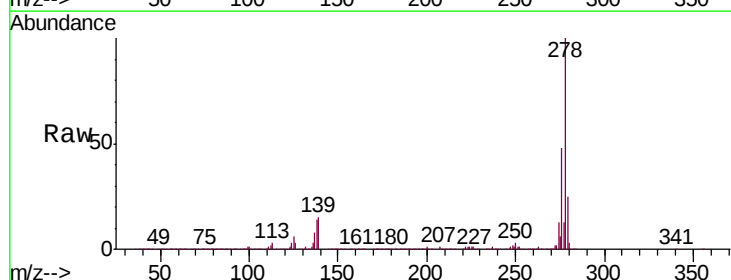
Instrument :
BNA_F
ClientSampleId :
BU-02-101720MSD

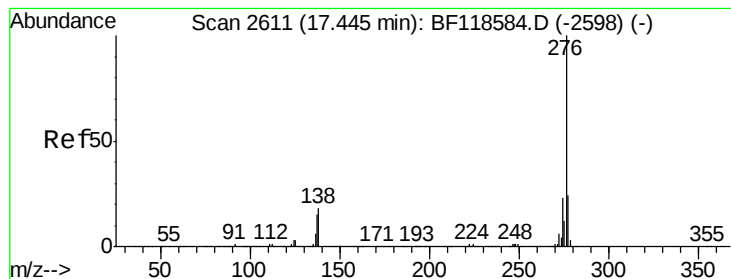
Tgt Ion:252 Resp: 2408744
Ion Ratio Lower Upper
252 100
253 22.8 18.8 28.2
125 9.6 7.8 11.6



#91
Dibenzo(a,h)anthracene
Concen: 56.638 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.00 min
Lab File: BF118647.D
Acq: 21 Jan 2020 22:13

Tgt Ion:278 Resp: 2605964
Ion Ratio Lower Upper
278 100
139 14.9 11.4 17.0
279 24.5 19.0 28.6





#92

Benzo(g,h,i)perylene

Concen: 61.002 ng

RT: 17.44 min Scan# 2611

Delta R.T. 0.00 min

Lab File: BF118647.D

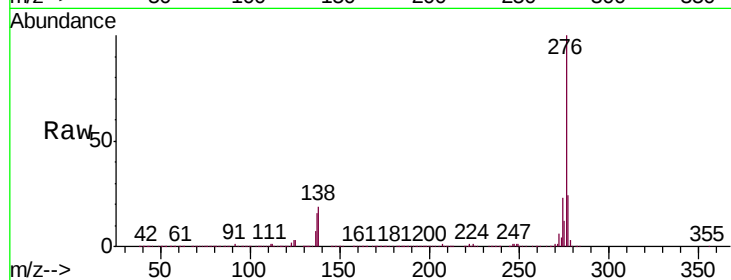
Acq: 21 Jan 2020 22:13

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MSD



Tgt Ion: 276 Resp: 2725199

Ion Ratio Lower Upper

276 100

277 24.2 18.9 28.3

138 18.7 14.4 21.6

