

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062519\
 Data File : BF115178.D
 Acq On : 25 Jun 2019 9:44
 Operator : HP/JU
 Sample : PB120877BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120877BS

Quant Time: Jun 26 05:40:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	270863	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1072494	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	534430	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1060499	20.00	ng	0.00
76) Chrysene-d12	13.74	240	716126	20.00	ng	-0.01
87) Perylene-d12	15.09	264	785761	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1979472	112.78	ng	0.02
7) Phenol-d6	6.26	99	2409416	113.10	ng	0.00
23) Nitrobenzene-d5	7.18	82	1500611	86.07	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	699134	124.05	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2775780	88.22	ng	0.00
79) Terphenyl-d14	12.70	244	2880767	85.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	305993	36.939	ng	99
3) Pyridine	2.94	79	834801	35.755	ng	99
4) n-Nitrosodimethylamine	2.88	42	344335	37.620	ng	96
6) Aniline	6.27	93	721940	24.656	ng	# 1
8) 2-Chlorophenol	6.40	128	828485	41.977	ng	99
9) Benzaldehyde	6.15	77	118557	8.530	ng	98
10) Phenol	6.27	94	948861	38.023	ng	91
11) bis(2-Chloroethyl)ether	6.36	93	747733	40.648	ng	98
12) 1,3-Dichlorobenzene	6.55	146	874717	39.934	ng	99
13) 1,4-Dichlorobenzene	6.63	146	881616	40.138	ng	99
14) 1,2-Dichlorobenzene	6.78	146	820206	40.323	ng	98
15) Benzyl Alcohol	6.76	79	578292	37.278	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1067598	40.014	ng	95
17) 2-Methylphenol	6.88	107	737561	45.274	ng	98
18) Hexachloroethane	7.12	117	316648	39.987	ng	96
19) n-Nitroso-di-n-propylamine	7.04	70	531975	39.003	ng	99
20) 3+4-Methylphenols	7.03	107	819155	43.546	ng	96
22) Acetophenone	7.02	105	1087916	44.309	ng	# 97
24) Nitrobenzene	7.20	77	841000	43.785	ng	99
25) Isophorone	7.44	82	1551850	43.450	ng	99
26) 2-Nitrophenol	7.51	139	474748	50.050	ng	100
27) 2,4-Dimethylphenol	7.56	122	782685	50.397	ng	98
28) bis(2-Chloroethoxy)methane	7.65	93	962958	42.658	ng	99
29) 2,4-Dichlorophenol	7.75	162	733143	45.744	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	776031	43.835	ng	100
31) Naphthalene	7.92	128	2310931	43.896	ng	100
32) Benzoic acid	7.70	122	627187	56.576	ng	99
33) 4-Chloroaniline	7.97	127	557305	23.163	ng	98
34) Hexachlorobutadiene	8.04	225	419581	43.249	ng	98
35) Caprolactam	8.34	113	160406	29.768	ng	97
36) 4-Chloro-3-methylphenol	8.46	107	746693	46.004	ng	97
37) 2-Methylnaphthalene	8.61	142	1608834	45.323	ng	99
38) 1-Methylnaphthalene	8.71	142	1515973	44.717	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	682626	45.201	ng	99

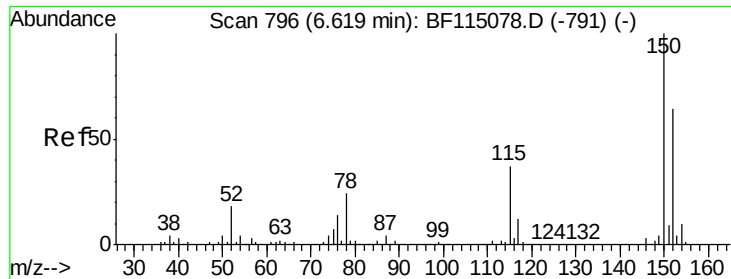
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062519\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	714065	79.739	ng	99
43) 2,4,6-Trichlorophenol	8.88	196	530604	45.509	ng	100
44) 2,4,5-Trichlorophenol	8.93	196	580386	48.338	ng	99
46) 1,1'-Biphenyl	9.07	154	1869302	43.714	ng	99
47) 2-Chloronaphthalene	9.09	162	1496647	43.148	ng	97
48) 2-Nitroaniline	9.18	65	455355	45.029	ng	98
49) Acenaphthylene	9.51	152	2307644	42.700	ng	98
50) Dimethylphthalate	9.38	163	1734105	44.103	ng	100
51) 2,6-Dinitrotoluene	9.43	165	419090	46.168	ng	99
52) Acenaphthene	9.68	154	1420681	42.011	ng	99
53) 3-Nitroaniline	9.60	138	318964	28.794	ng	97
54) 2,4-Dinitrophenol	9.70	184	469859	98.700	ng	93
55) Dibenzofuran	9.85	168	2039923	42.028	ng	98
56) 4-Nitrophenol	9.77	139	778672	87.679	ng	97
57) 2,4-Dinitrotoluene	9.83	165	558887	47.682	ng	92
58) Fluorene	10.19	166	1402240	43.116	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	493102	48.977	ng	98
60) Diethylphthalate	10.08	149	1701757	43.056	ng	100
61) 4-Chlorophenyl-phenylether	10.18	204	680728	44.207	ng	97
62) 4-Nitroaniline	10.21	138	472721	42.538	ng	97
63) Azobenzene	10.34	77	1557638	42.193	ng	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	275354	48.715	ng	84
66) n-Nitrosodiphenylamine	10.31	169	1427117	43.194	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	490619	42.670	ng	96
68) Hexachlorobenzene	10.74	284	536971	43.025	ng	99
69) Atrazine	10.84	200	458395	43.130	ng	100
70) Pentachlorophenol	10.92	266	679538	85.467	ng	98
71) Phenanthrene	11.14	178	2277861	39.893	ng	99
72) Anthracene	11.20	178	2361336	40.969	ng	99
73) Carbazole	11.34	167	2176101	42.281	ng	98
74) Di-n-butylphthalate	11.70	149	2464624	41.440	ng	99
75) Fluoranthene	12.32	202	2380191	41.780	ng	99
77) Benzidine	12.44	184	836217	26.297	ng	100
78) Pyrene	12.54	202	2435213	44.249	ng	98
80) Butylbenzylphthalate	13.18	149	1136955	46.813	ng	97
81) Benzo(a)anthracene	13.72	228	2254401	43.873	ng	99
82) 3,3'-Dichlorobenzidine	13.69	252	730904	39.390	ng	99
83) Chrysene	13.77	228	2103701	44.694	ng	98
84) Bis(2-ethylhexyl)phthalate	13.75	149	1458043	45.816	ng	# 98
85) Di-n-octyl phthalate	14.35	149	2520347	47.136	ng	100
86) Indeno(1,2,3-cd)pyrene	16.38	276	2617693	46.999	ng	99
88) Benzo(b)fluoranthene	14.73	252	2573519	52.490	ng	99
89) Benzo(k)fluoranthene	14.75	252	1991525	45.294	ng	100
90) Benzo(a)pyrene	15.05	252	2275550	51.494	ng	99
91) Dibenzo(a,h)anthracene	16.40	278	2132177	51.683	ng	98
92) Benzo(g,h,i)perylene	16.76	276	2209156	52.908	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.61 min Scan# 795

Delta R.T. -0.01 min

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Acq: 25 Jun 2019 9:44

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PB120877BS

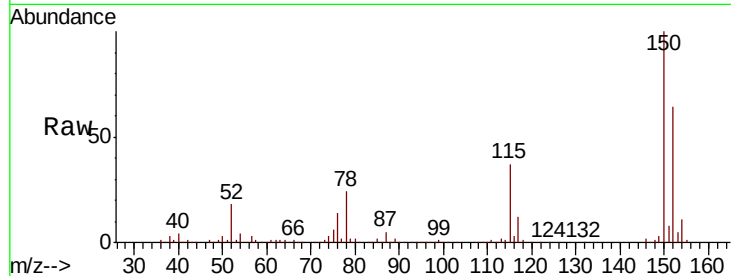
Tgt Ion:152 Resp: 270863

Ion Ratio Lower Upper

152 100

150 155.5 124.2 186.2

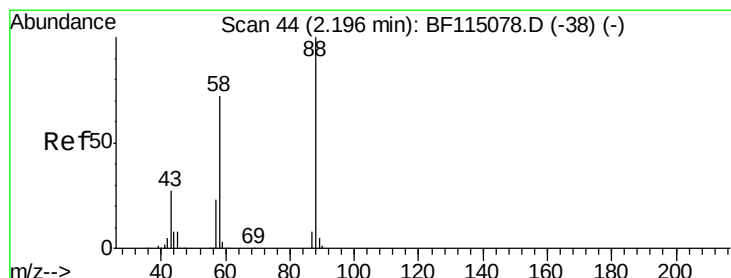
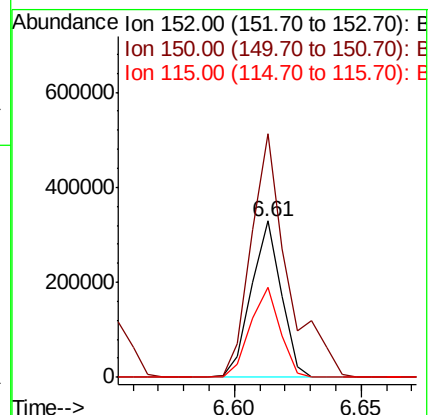
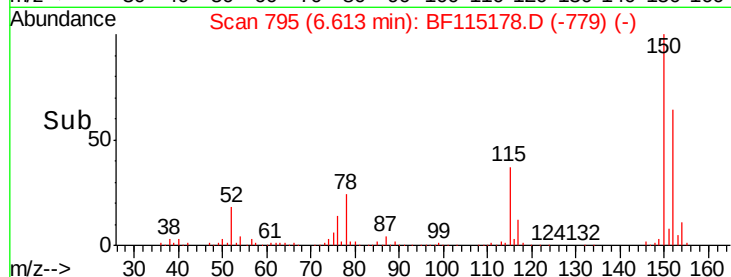
115 57.8 46.1 69.1



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: 36.939 ng

RT: 2.28 min Scan# 59

Delta R.T. 0.09 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

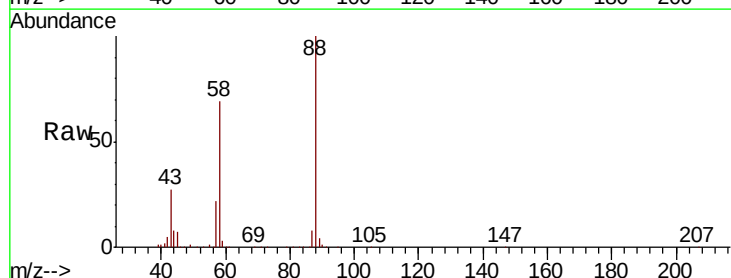
Tgt Ion: 88 Resp: 305993

Ion Ratio Lower Upper

88 100

58 68.9 56.1 84.1

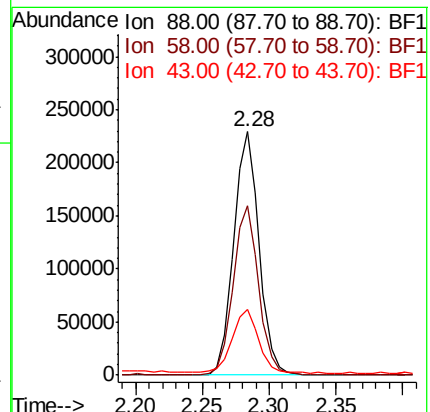
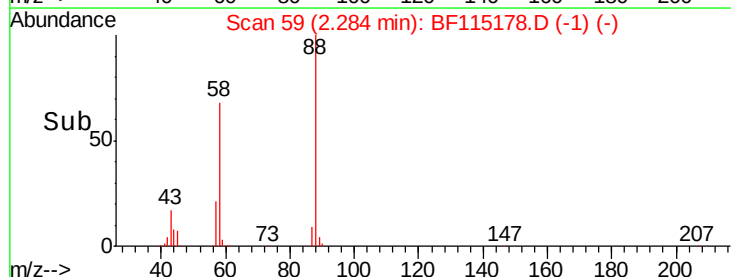
43 27.2 21.3 31.9

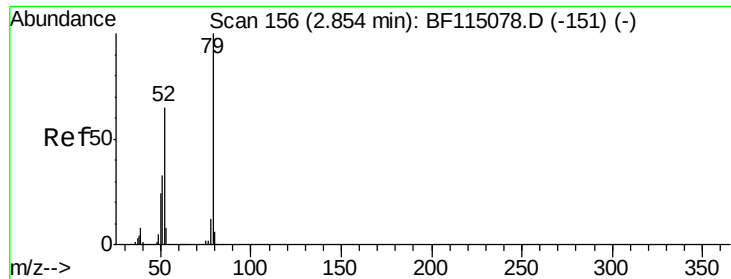


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 35.755 ng

RT: 2.94 min Scan# 170

Delta R.T. 0.08 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

Instrument :

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PB120877BS

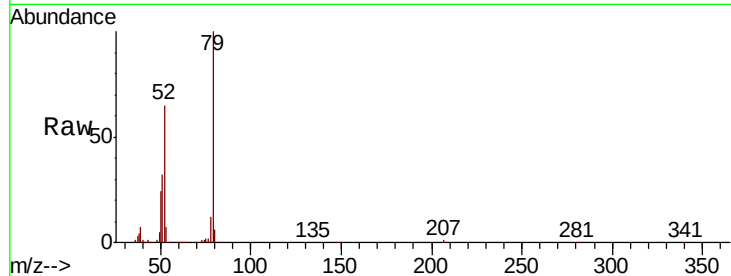
Tgt Ion: 79 Resp: 834801

Ion Ratio Lower Upper

79 100

52 64.8 52.3 78.5

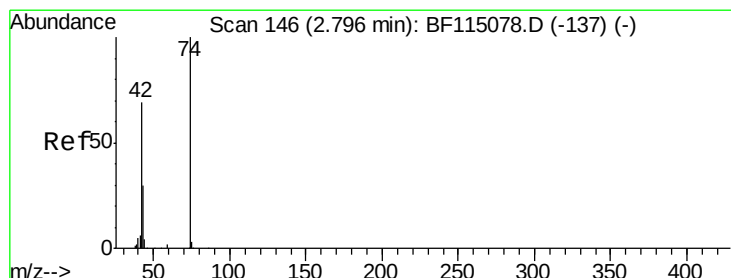
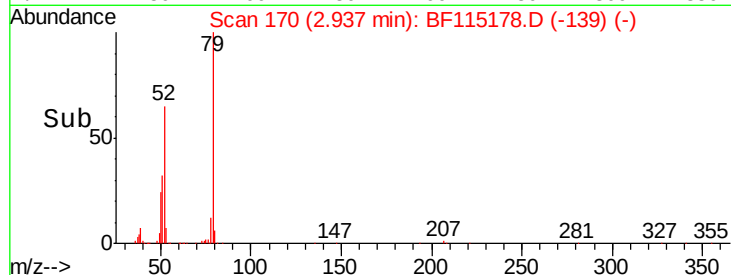
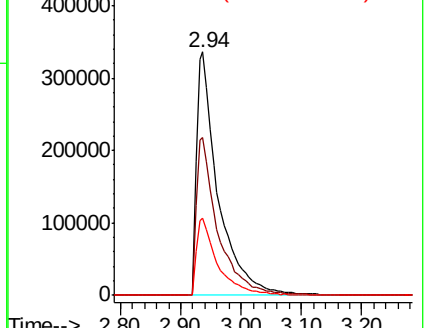
51 31.6 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.620 ng

RT: 2.88 min Scan# 161

Delta R.T. 0.09 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

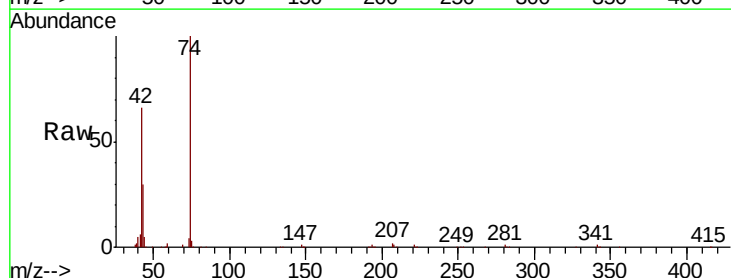
Tgt Ion: 42 Resp: 344335

Ion Ratio Lower Upper

42 100

74 151.0 116.6 175.0

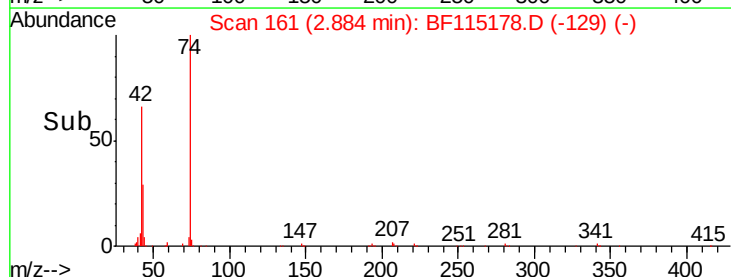
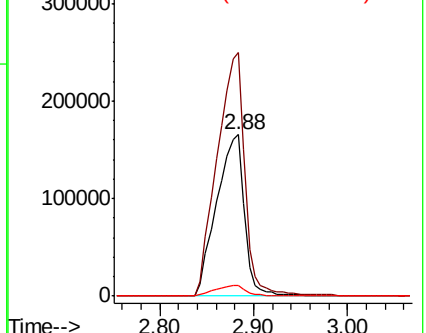
44 6.8 5.3 7.9

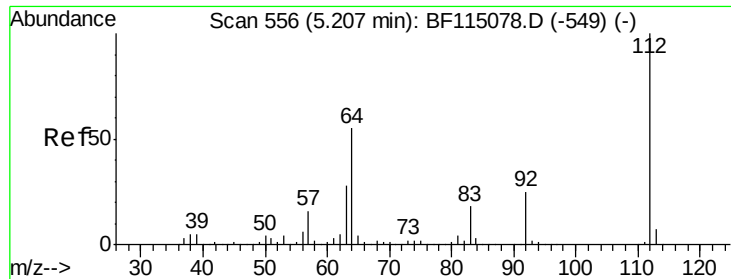


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 112.775 ng

RT: 5.22 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

Instrument :

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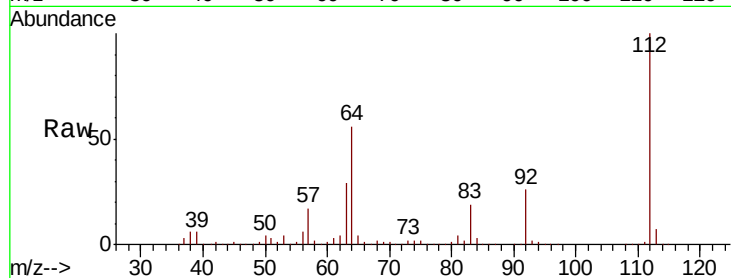
Tgt Ion: 112 Resp: 1979472

Ion Ratio Lower Upper

112 100

64 55.7 43.8 65.6

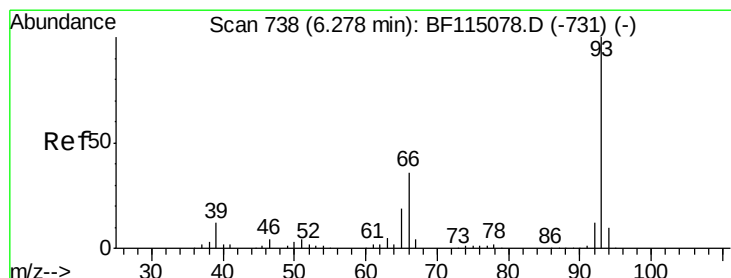
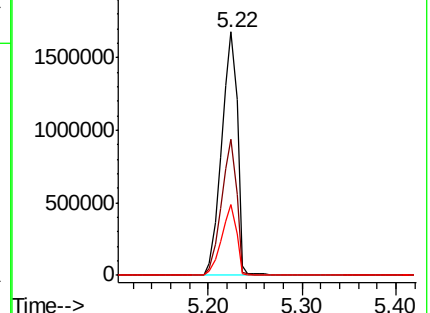
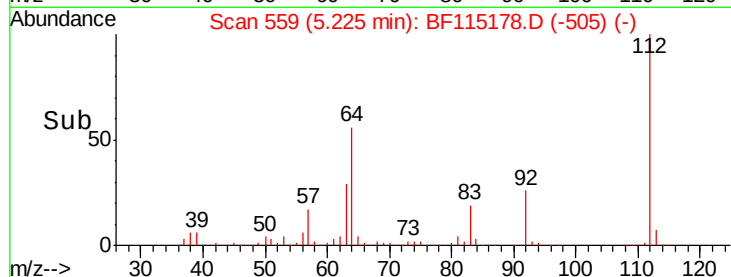
63 29.0 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.656 ng

RT: 6.27 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

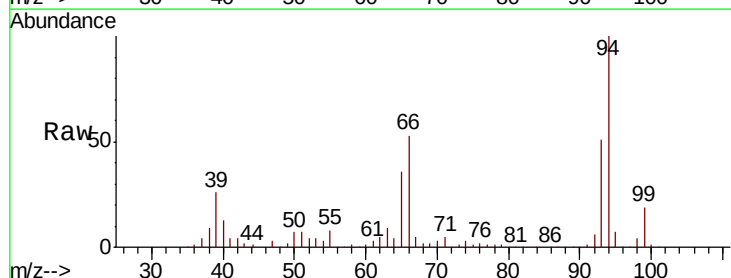
Tgt Ion: 93 Resp: 721940

Ion Ratio Lower Upper

93 100

66 102.9 30.0 45.0#

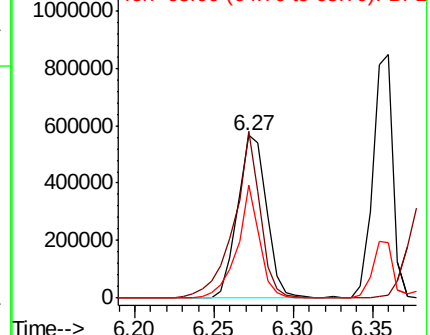
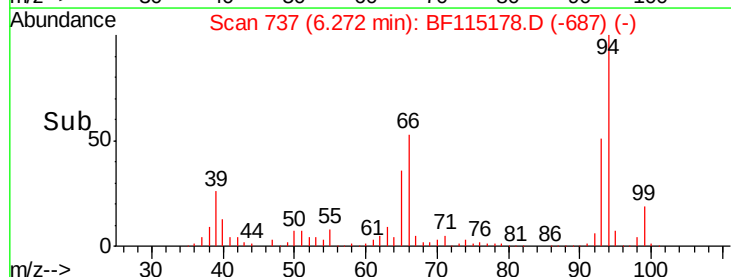
65 69.9 15.6 23.4#

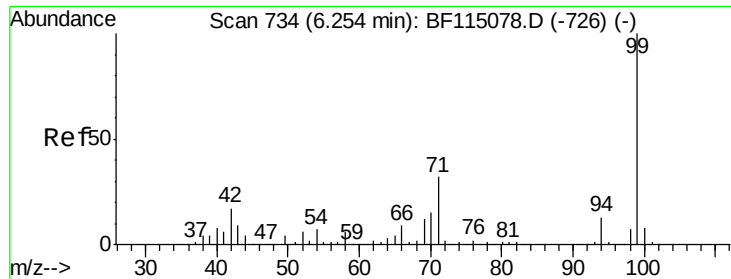


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.095 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

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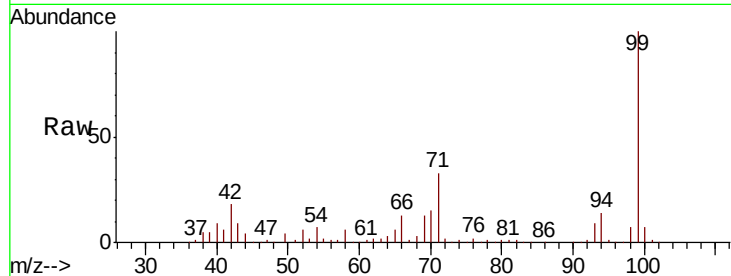
Tgt Ion: 99 Resp: 2409416

Ion Ratio Lower Upper

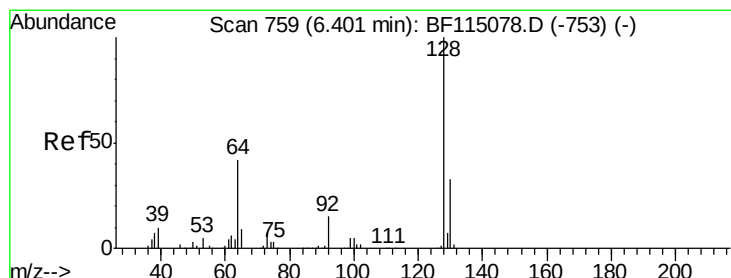
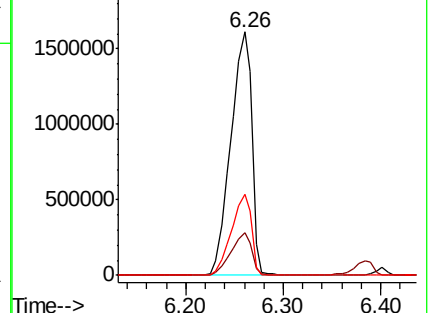
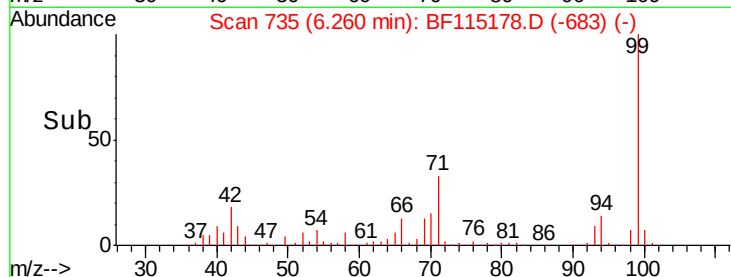
99 100

42 17.5 13.6 20.4

71 33.4 25.5 38.3



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: 41.977 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

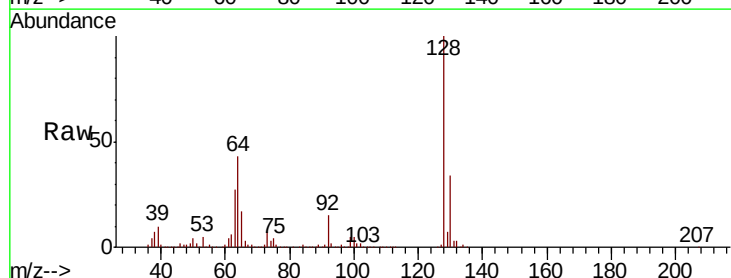
Tgt Ion: 128 Resp: 828485

Ion Ratio Lower Upper

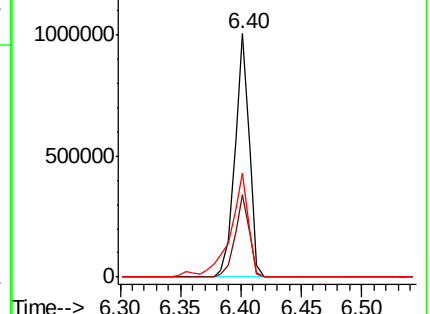
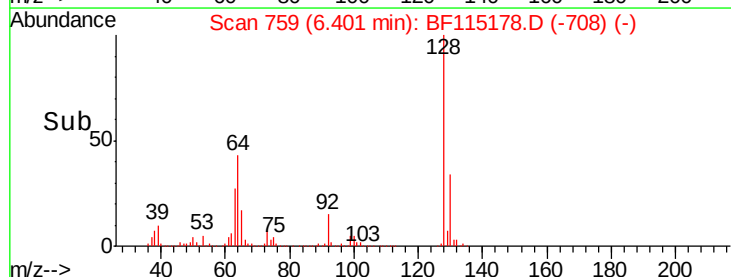
128 100

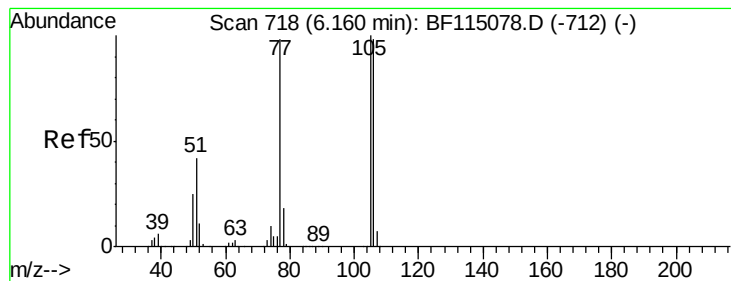
130 33.9 12.9 52.9

64 42.7 22.9 62.9



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





#9

Benzaldehyde

Concen: 8.530 ng

RT: 6.15 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

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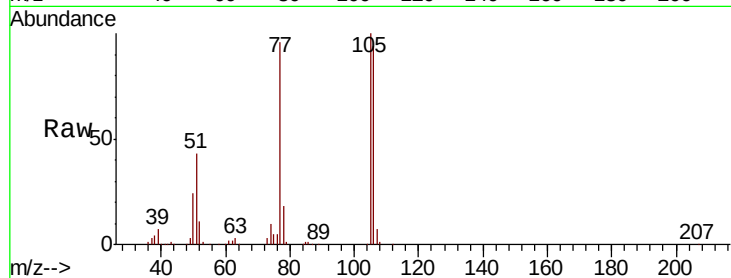
Tgt Ion: 77 Resp: 118557

Ion Ratio Lower Upper

77 100

105 104.0 81.5 121.5

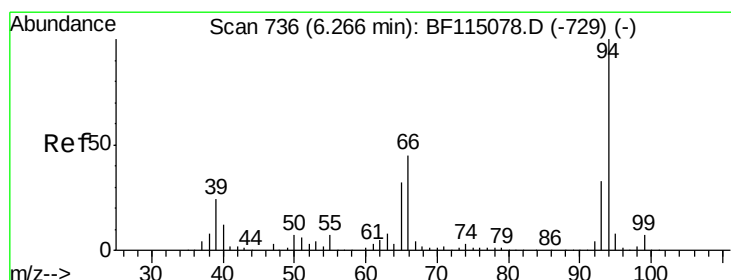
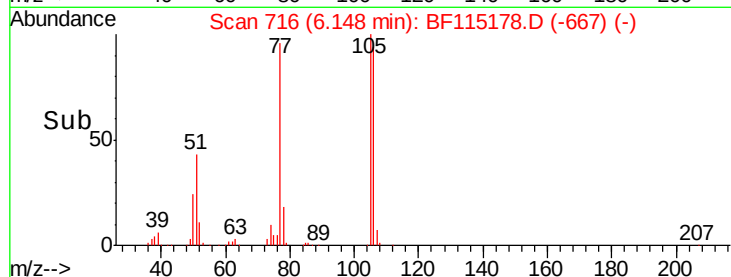
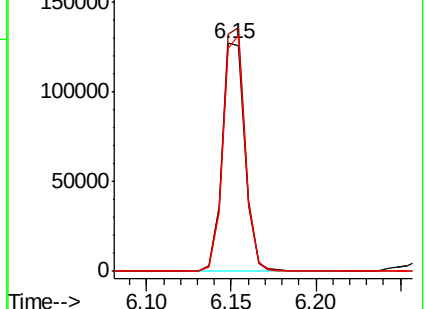
106 97.9 79.7 119.7



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: 38.023 ng

RT: 6.27 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

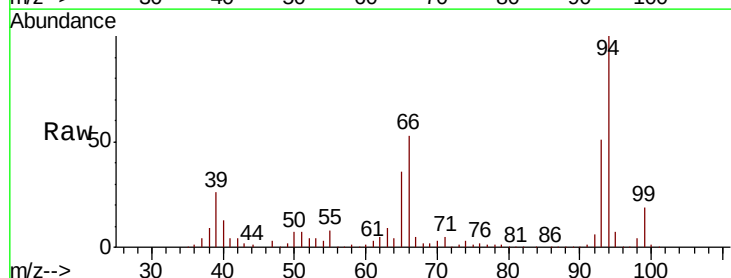
Tgt Ion: 94 Resp: 948861

Ion Ratio Lower Upper

94 100

65 35.7 11.9 51.9

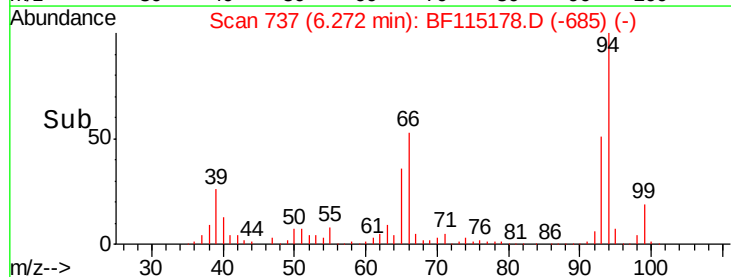
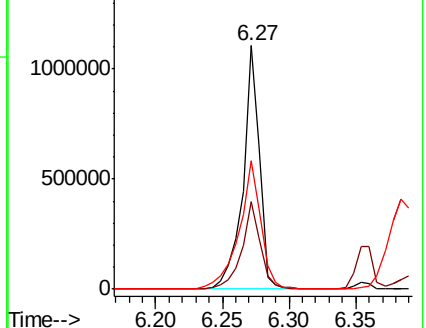
66 52.5 25.2 65.2

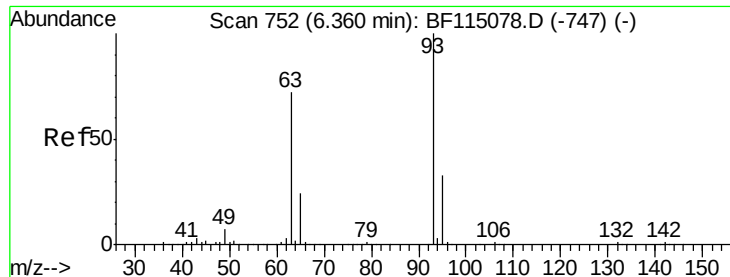


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

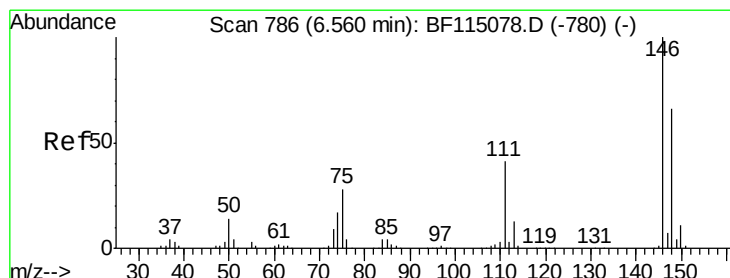
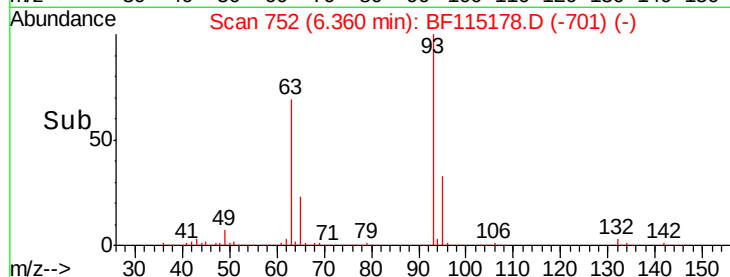
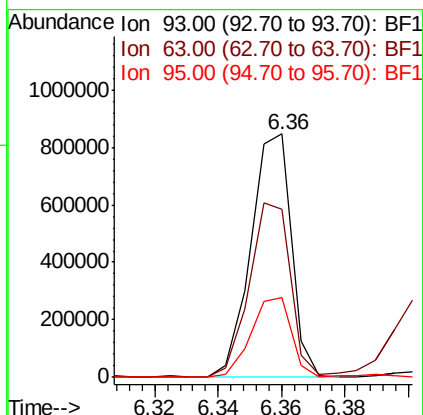
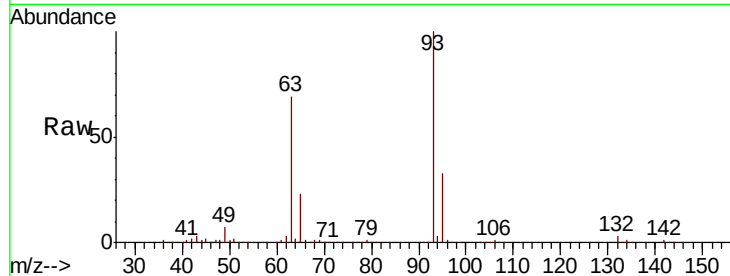




#11
bis(2-Chloroethyl)ether
Concen: 40.648 ng
RT: 6.36 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

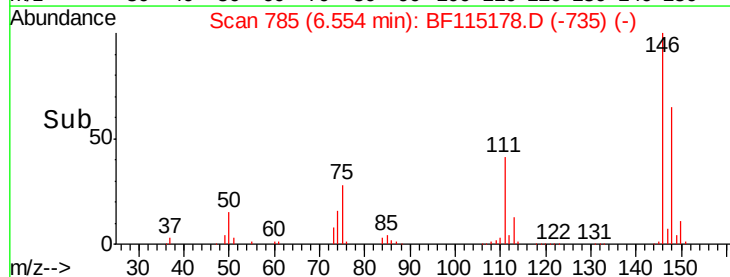
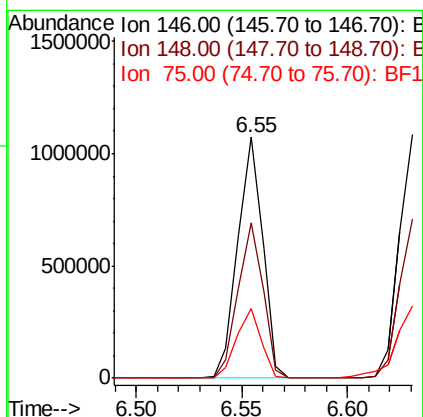
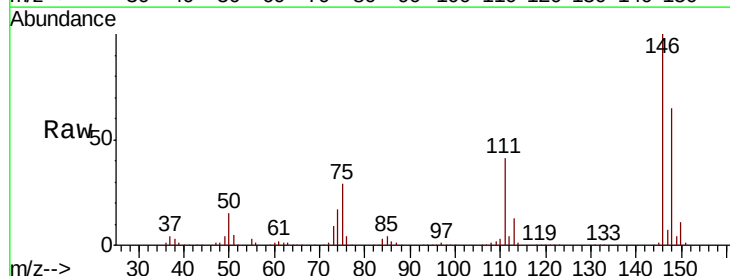
Instrument :
BNA_F
ClientSampleId :
PB120877BS

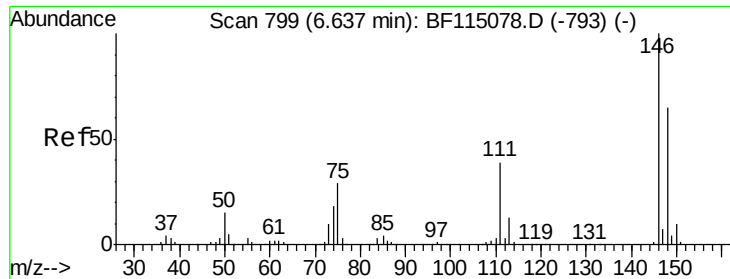
Tgt Ion:	93	Resp:	747733
Ion	Ratio	Lower	Upper
93	100		
63	69.1	51.5	91.5
95	32.9	13.4	53.4



#12
1,3-Dichlorobenzene
Concen: 39.934 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion:	146	Resp:	874717
Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.6	78.8
75	28.7	22.6	34.0

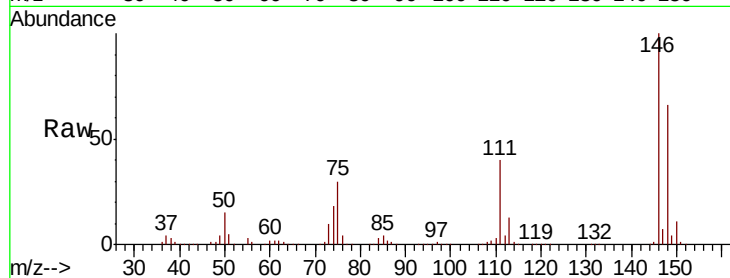




#13
 1,4-Dichlorobenzene
 Concen: 40.138 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115178.D
 Acq: 25 Jun 2019 9:44

Instrument :
 BNA_F
 ClientSampleId :
 PB120877BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.9	77.9
111	39.6	31.4	47.0

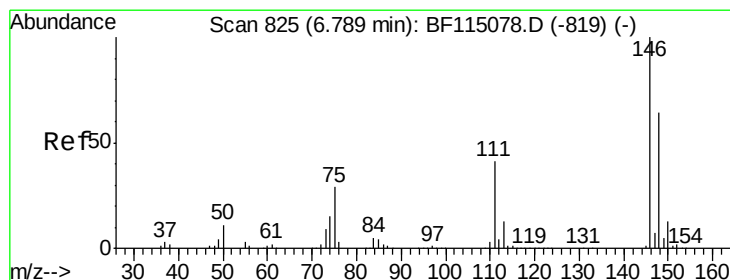
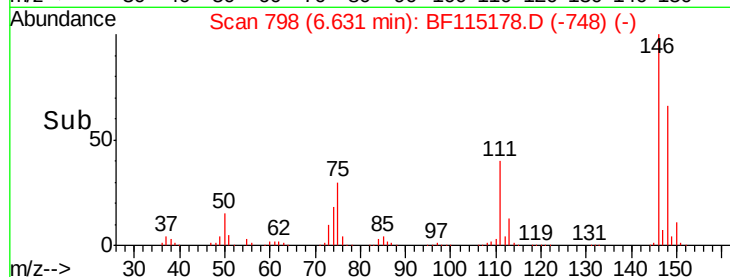
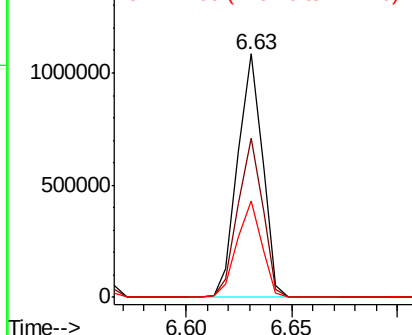


Abundance

Ion 146.00 (145.70 to 146.70): E

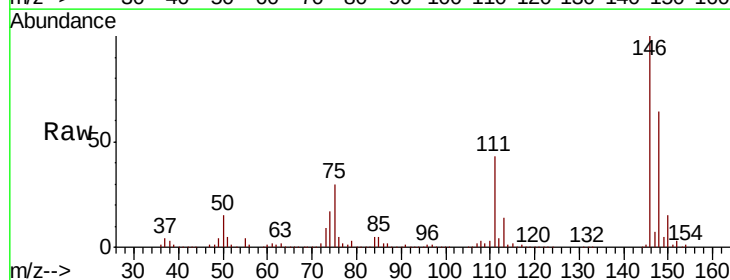
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.323 ng
 RT: 6.78 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF115178.D
 Acq: 25 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.1	76.7
111	43.3	33.2	49.8

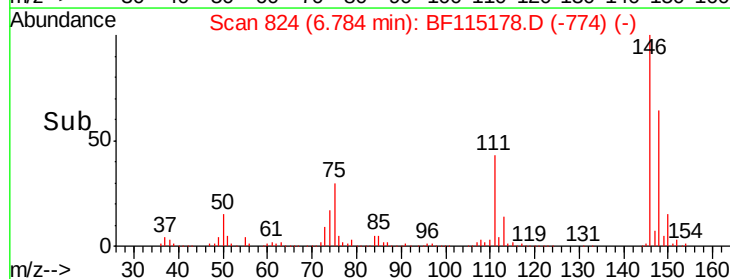
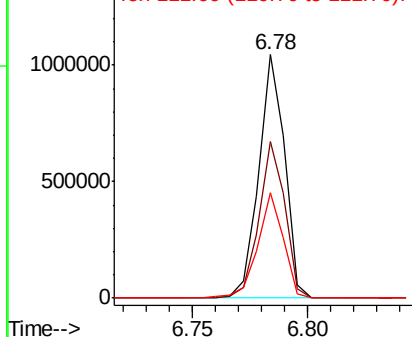


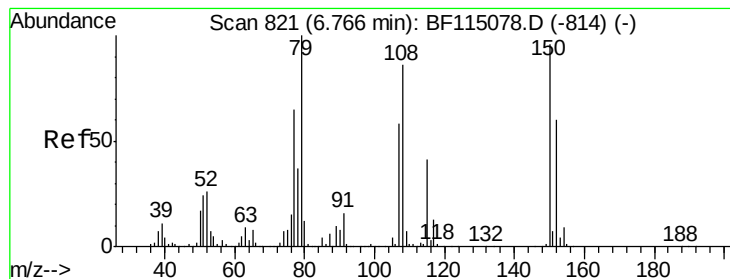
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.278 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

Instrument :

BNA_F

ClientSampleId :

PB120877BS

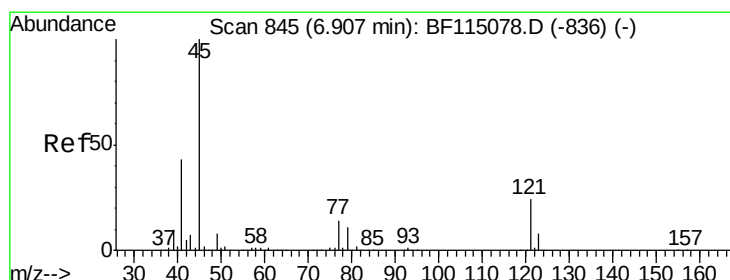
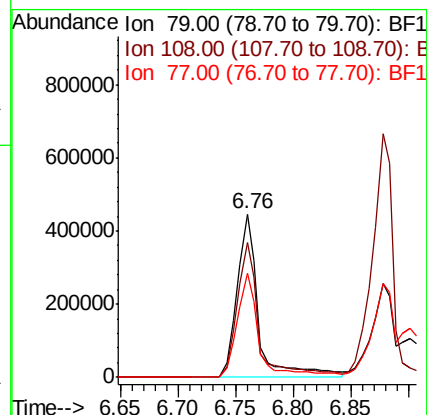
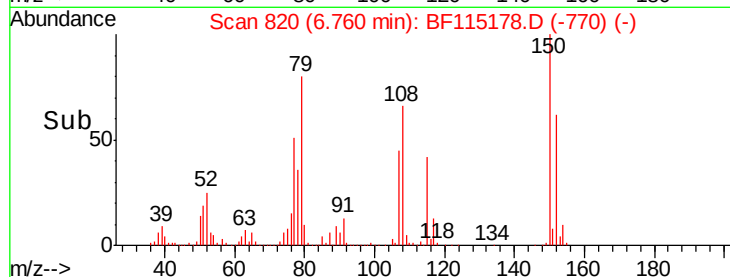
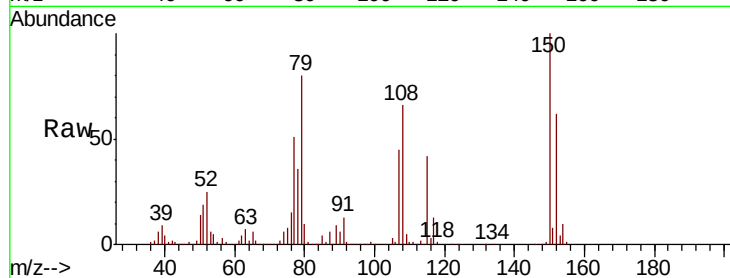
Tgt Ion: 79 Resp: 578292

Ion Ratio Lower Upper

79 100

108 82.6 68.7 103.1

77 64.0 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.014 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

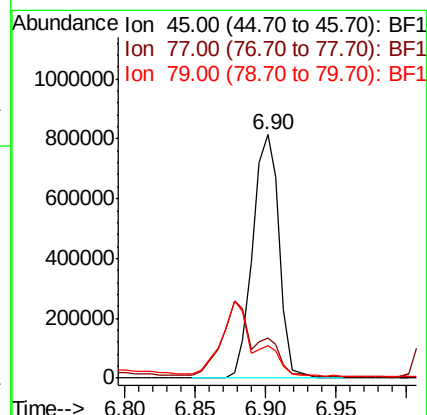
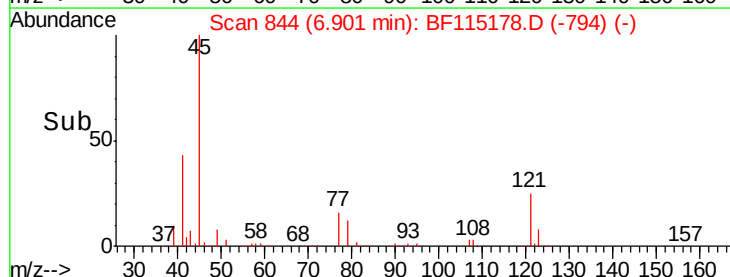
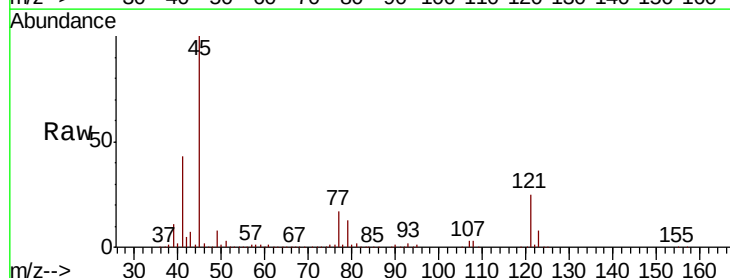
Tgt Ion: 45 Resp: 1067598

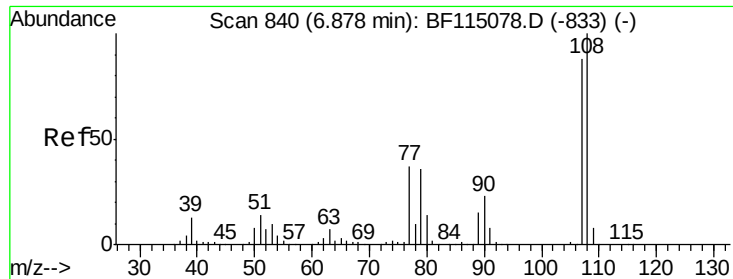
Ion Ratio Lower Upper

45 100

77 16.6 0.0 34.6

79 13.1 0.0 31.2





#17

2-Methylphenol

Concen: 45.274 ng

RT: 6.88 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

Instrument :

BNA_F

ClientSampleId :

PB120877BS

Tgt Ion:107 Resp: 737561

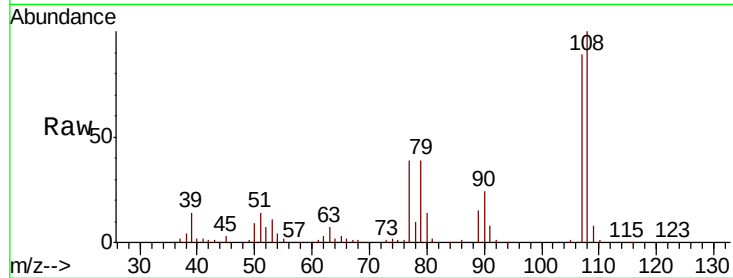
Ion Ratio Lower Upper

107 100

108 112.2 90.9 136.3

77 43.5 33.4 50.2

79 43.5 32.3 48.5

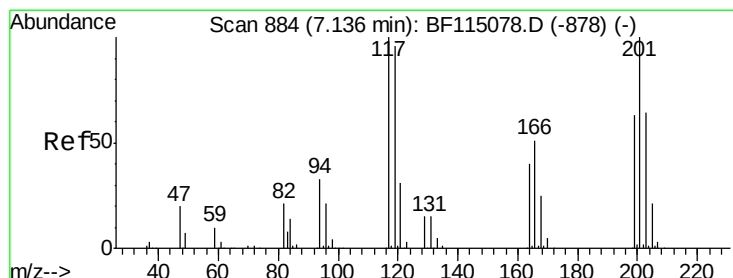
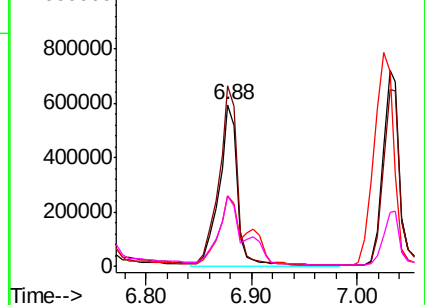
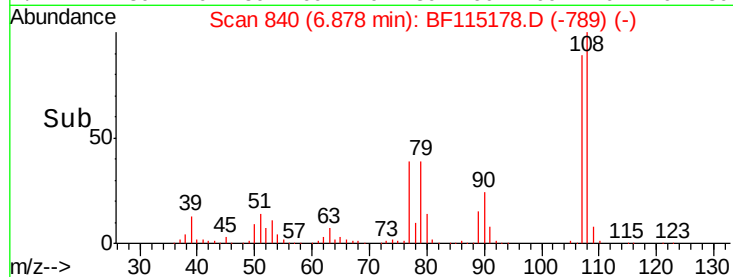


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.987 ng

RT: 7.12 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

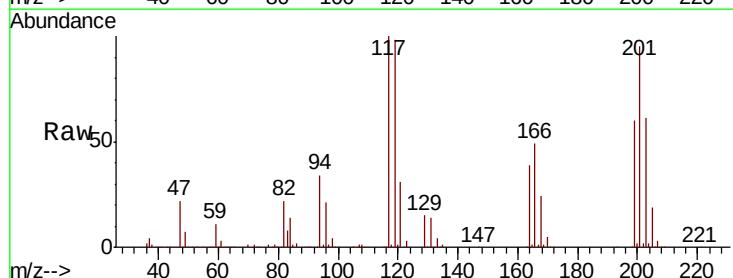
Tgt Ion:117 Resp: 316648

Ion Ratio Lower Upper

117 100

119 98.0 76.6 114.8

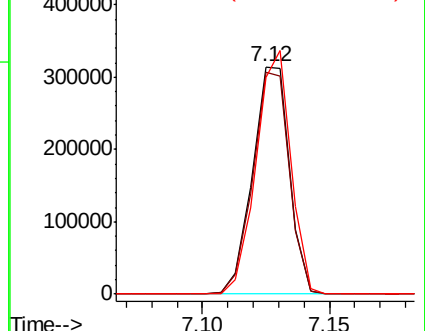
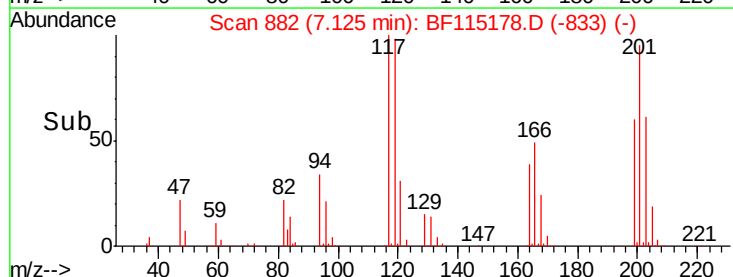
201 95.3 80.2 120.2

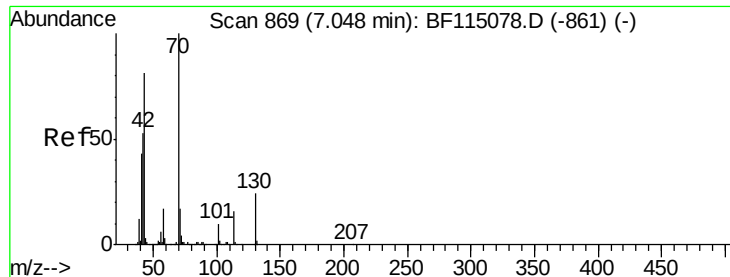


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

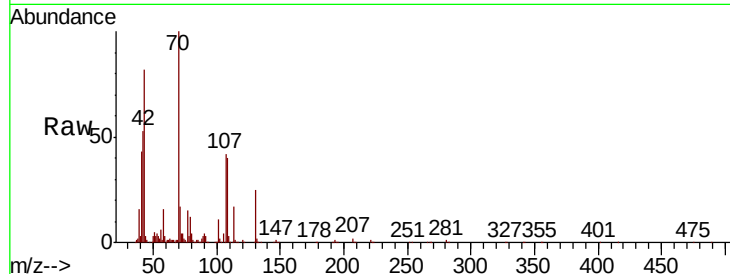




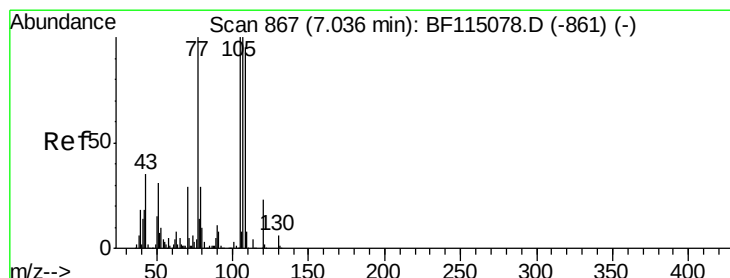
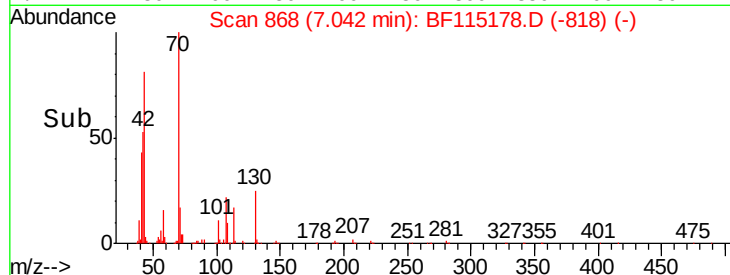
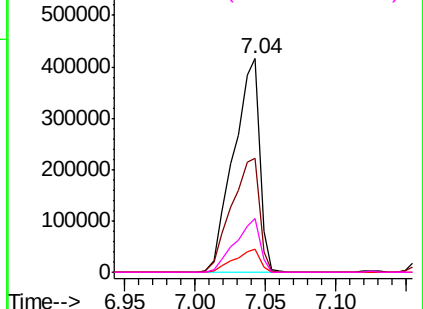
#19
n-Nitroso-di-n-propylamine
Concen: 39.003 ng
RT: 7.04 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampleId :
PB120877BS

Tgt Ion:	70	Resp:	531975
Ion	Ratio	Lower	Upper
70	100		
42	53.2	42.6	63.8
101	10.6	8.0	12.0
130	25.4	19.4	29.0

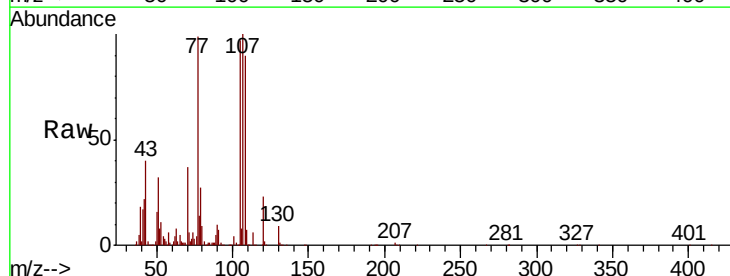


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

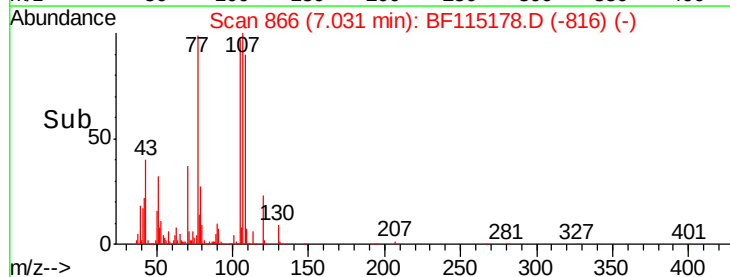
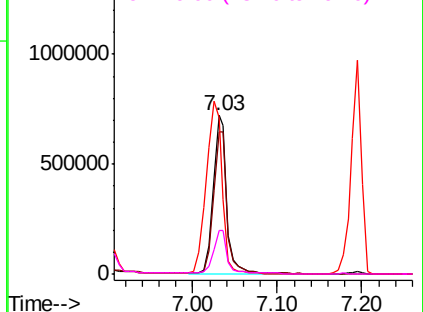


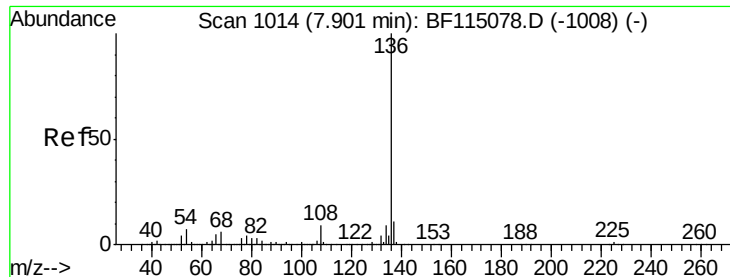
#20
3+4-Methylphenols
Concen: 43.546 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion:	107	Resp:	819155
Ion	Ratio	Lower	Upper
107	100		
108	89.6	75.5	115.5
77	98.8	80.2	120.2
79	27.2	9.5	49.5



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

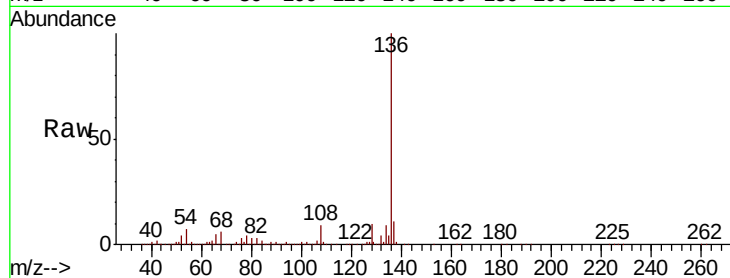




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampleId :
PB120877BS

Tgt Ion:	136	Resp:	1072494
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.6	5.6	8.4
68	5.7	4.8	7.2



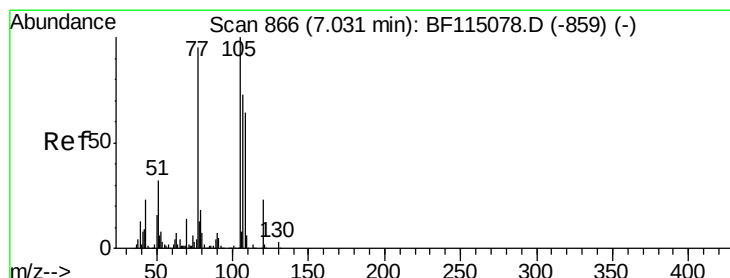
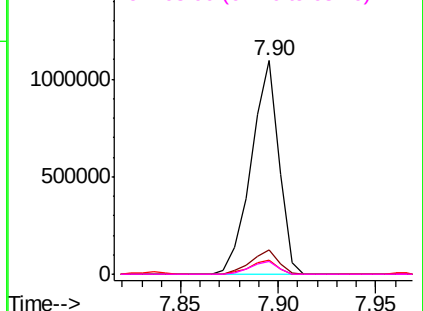
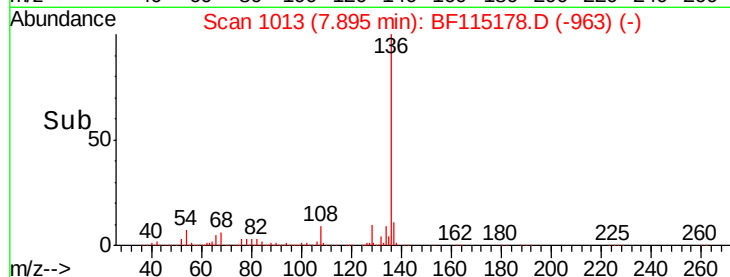
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

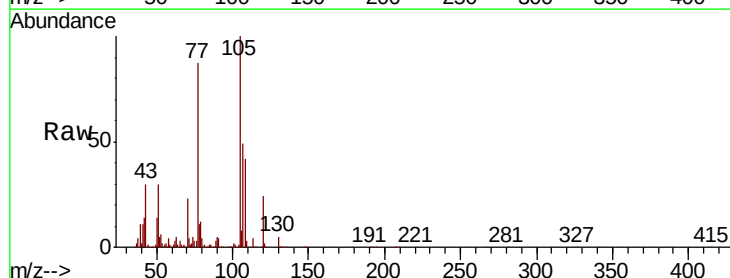
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 44.309 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion:	105	Resp:	1087916
Ion	Ratio	Lower	Upper
105	100		
71	3.9	1.9	2.9#
51	29.9	25.8	38.8
120	23.8	18.5	27.7



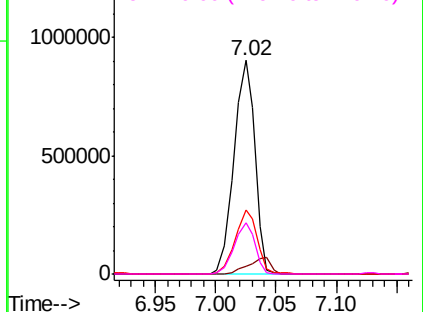
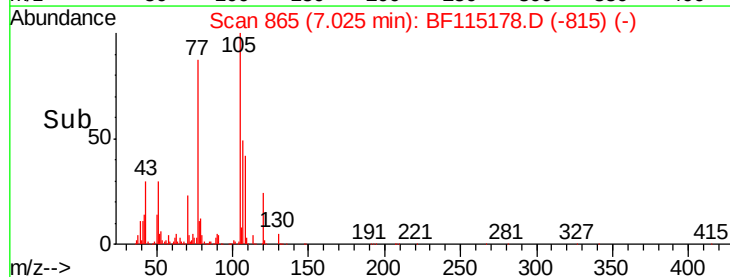
Abundance

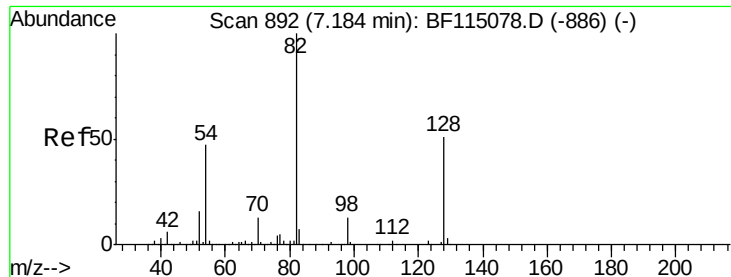
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

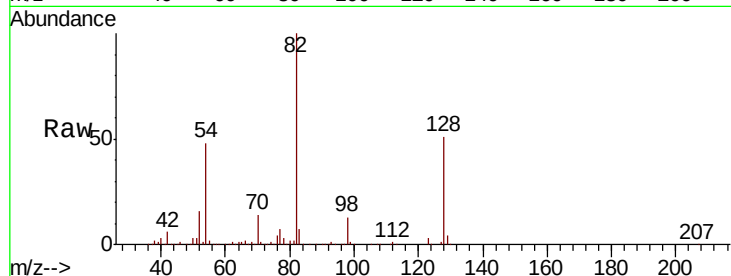




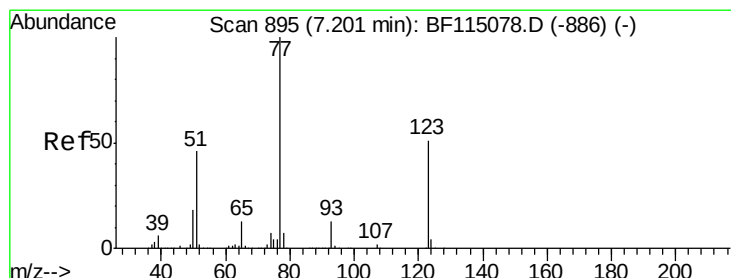
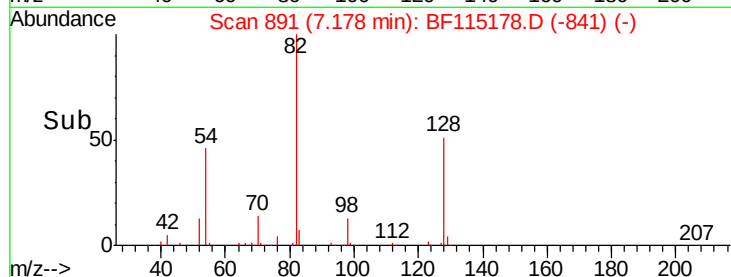
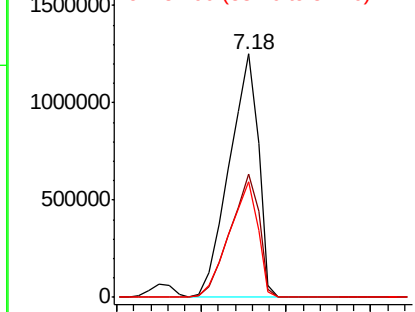
#23
Nitrobenzene-d5
Concen: 86.071 ng
RT: 7.18 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampleId :
PB120877BS

Tgt Ion: 82 Resp: 1500611
Ion Ratio Lower Upper
82 100
128 50.6 40.4 60.6
54 47.5 37.5 56.3

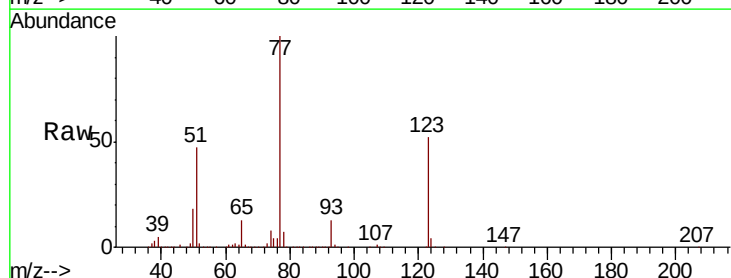


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

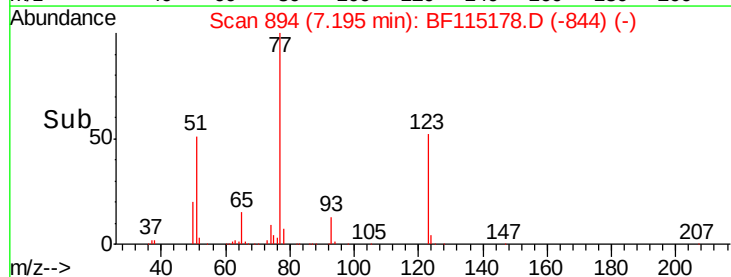
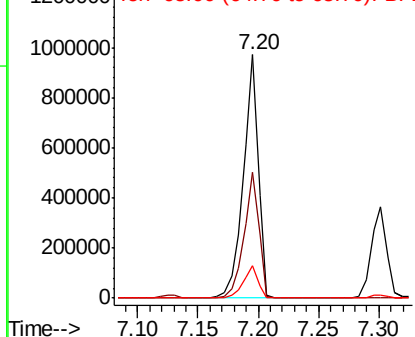


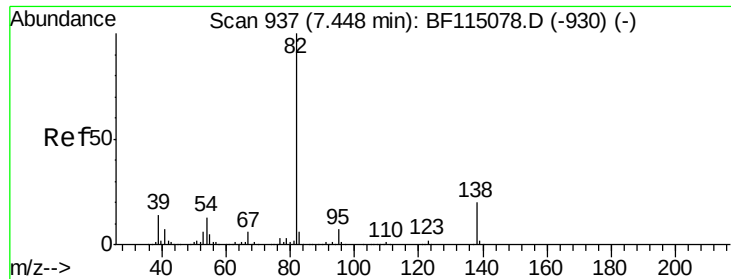
#24
Nitrobenzene
Concen: 43.785 ng
RT: 7.20 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion: 77 Resp: 841000
Ion Ratio Lower Upper
77 100
123 51.7 41.0 61.6
65 13.4 10.5 15.7



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





#25

Isophorone

Concen: 43.450 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

Instrument :

BNA_F

ClientSampleId :

PB120877BS

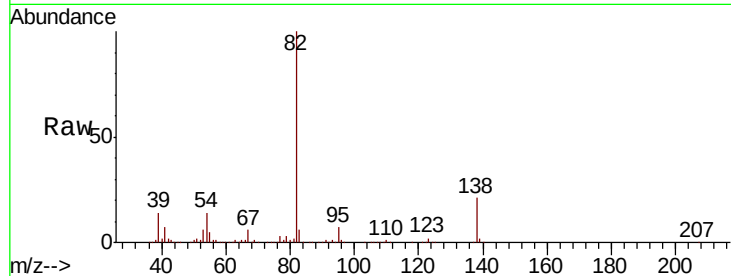
Tgt Ion: 82 Resp: 1551850

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

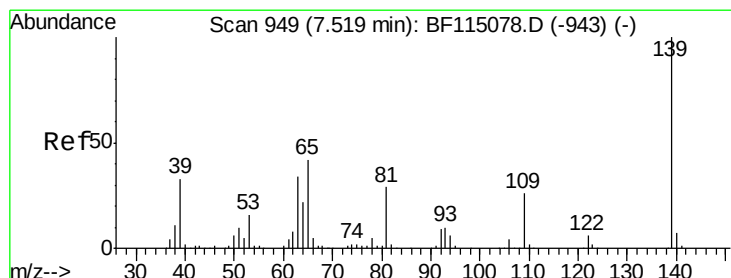
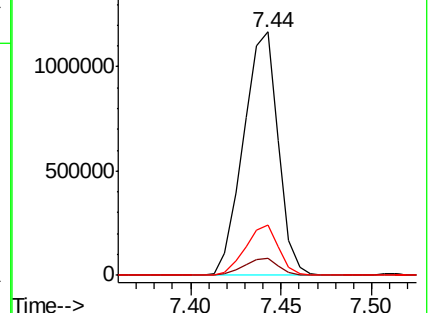
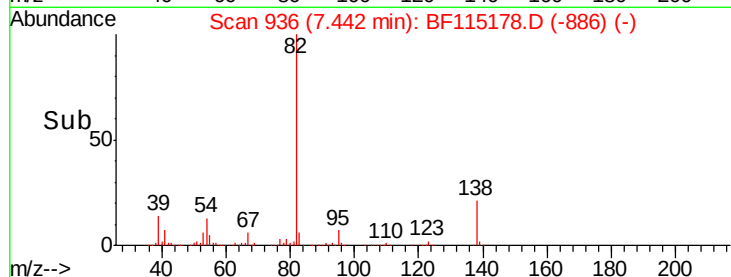
138 20.7 15.9 23.9



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: 50.050 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

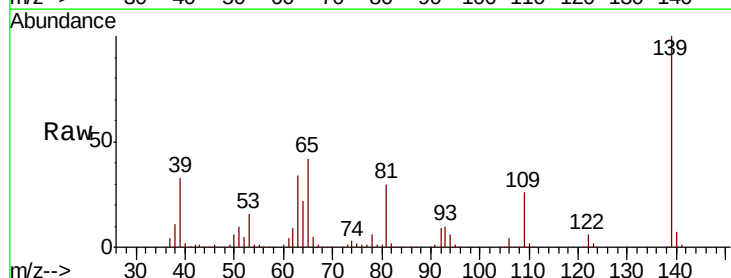
Tgt Ion: 139 Resp: 474748

Ion Ratio Lower Upper

139 100

109 25.8 20.4 30.6

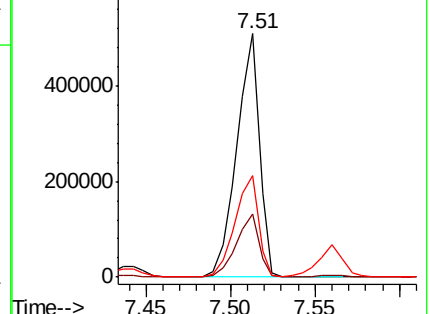
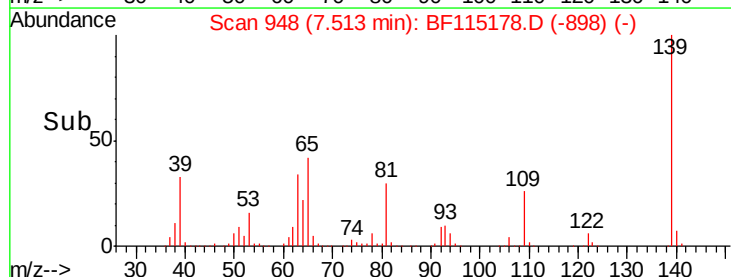
65 41.8 33.6 50.4

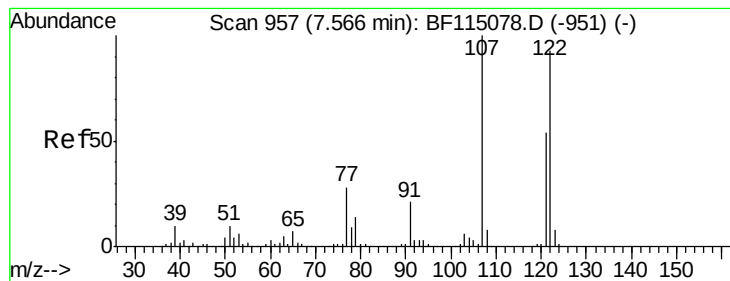


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 50.397 ng

RT: 7.56 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

Instrument :

BNA_F

ClientSampleId :

PB120877BS

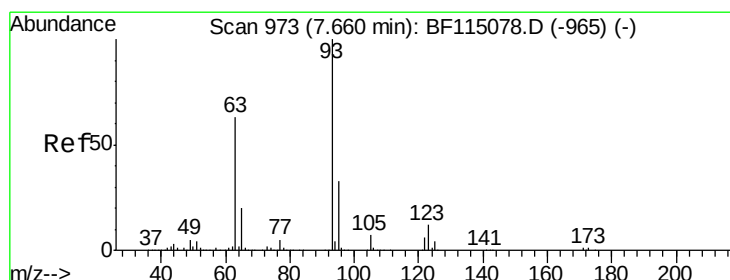
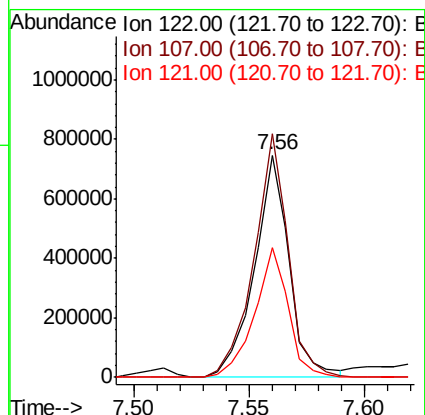
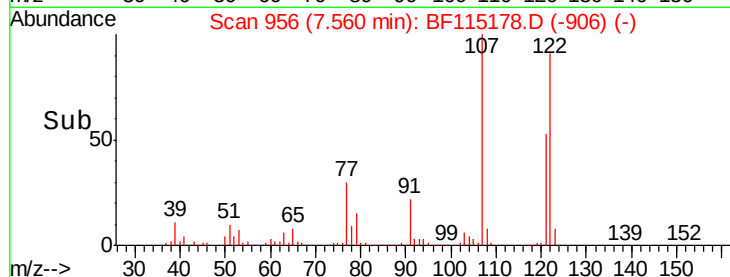
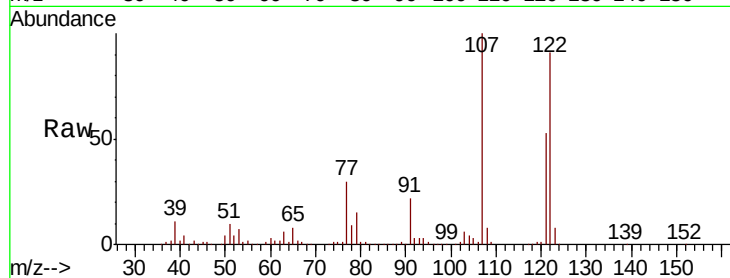
Tgt Ion: 122 Resp: 782685

Ion Ratio Lower Upper

122 100

107 109.4 85.8 128.6

121 58.4 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 42.658 ng

RT: 7.65 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

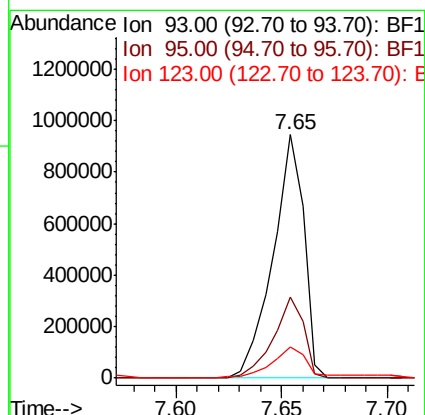
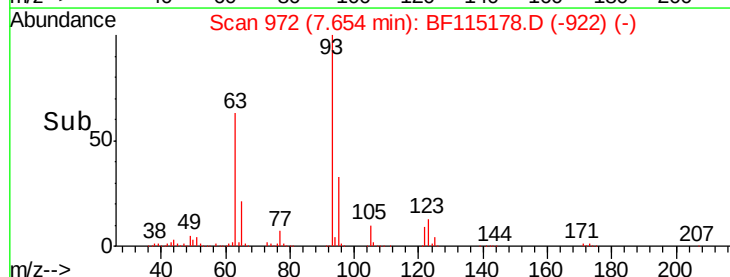
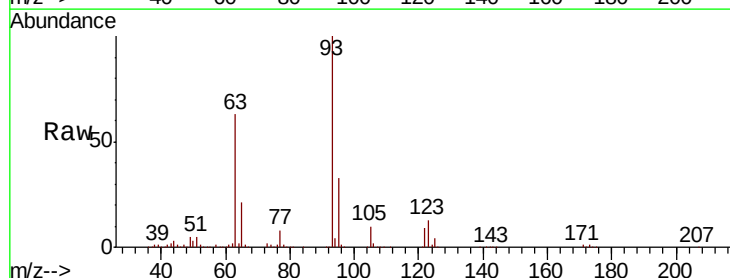
Tgt Ion: 93 Resp: 962958

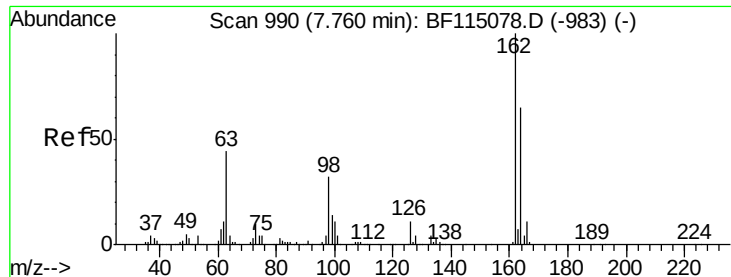
Ion Ratio Lower Upper

93 100

95 33.2 26.2 39.4

123 12.7 9.7 14.5

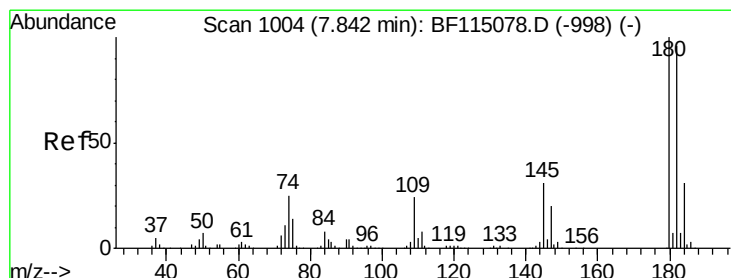
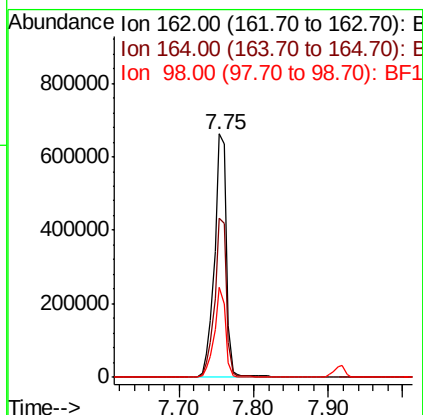
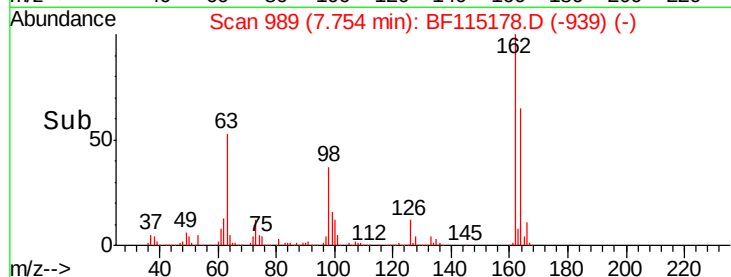
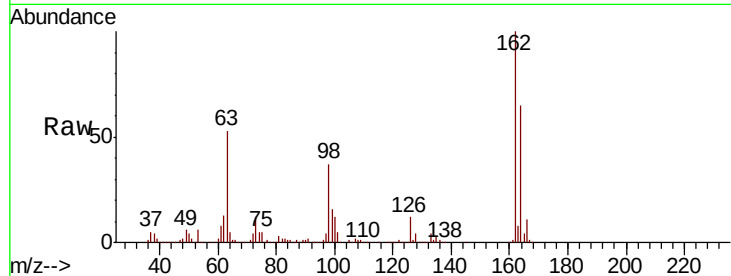




#29
2,4-Dichlorophenol
Concen: 45.744 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

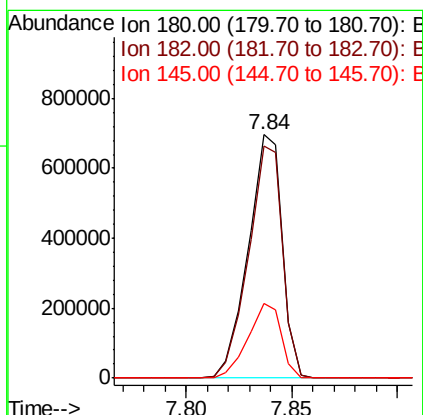
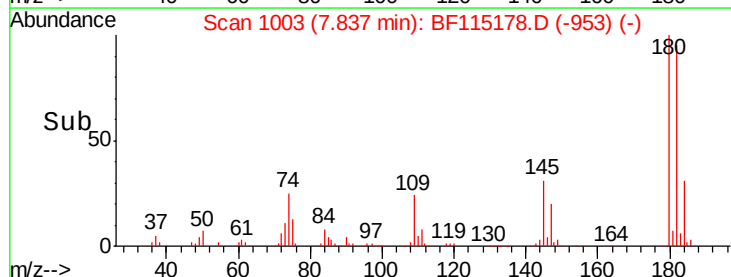
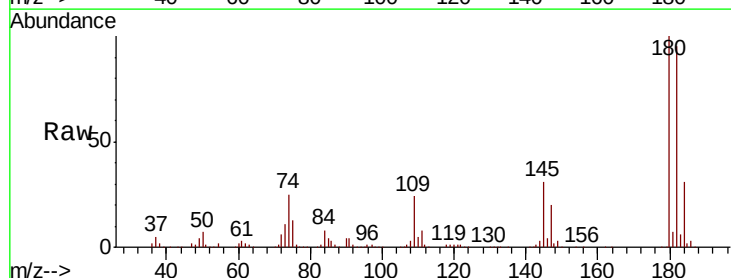
Instrument :
BNA_F
ClientSampleId :
PB120877BS

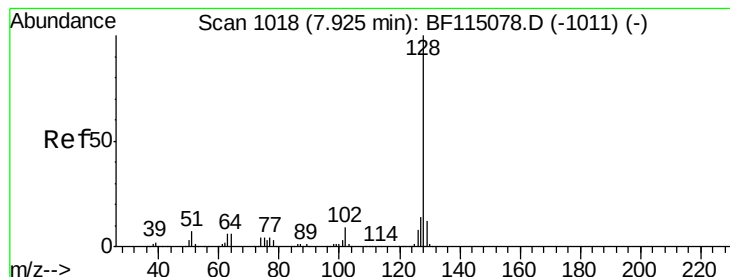
Tgt Ion:162 Resp: 733143
Ion Ratio Lower Upper
162 100
164 65.2 45.3 85.3
98 37.0 12.5 52.5



#30
1,2,4-Trichlorobenzene
Concen: 43.835 ng
RT: 7.84 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion:180 Resp: 776031
Ion Ratio Lower Upper
180 100
182 95.4 76.4 114.6
145 30.8 24.8 37.2





#31

Naphthalene

Concen: 43.896 ng

RT: 7.92 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

Instrument :

BNA_F

ClientSampleId :

PB120877BS

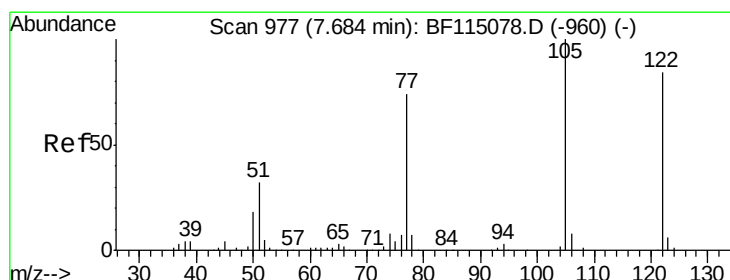
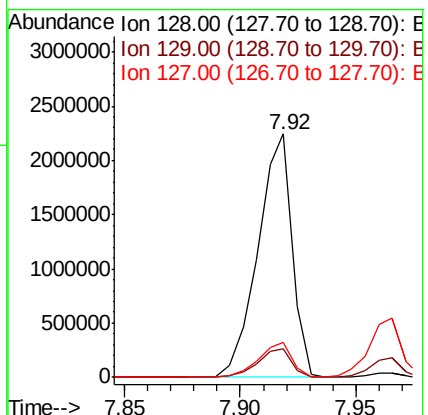
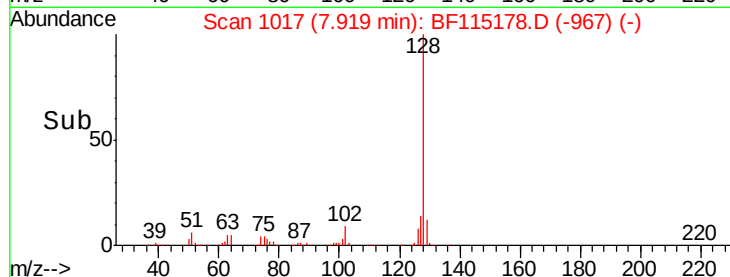
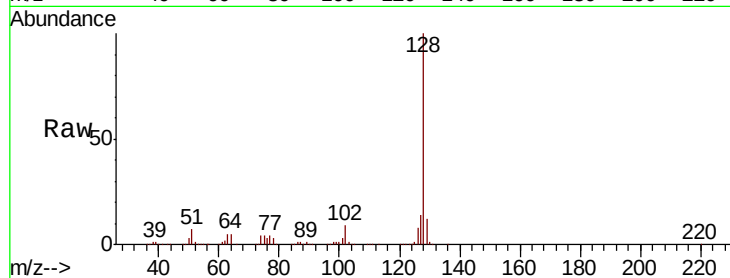
Tgt Ion:128 Resp: 2310931

Ion Ratio Lower Upper

128 100

129 11.9 9.6 14.4

127 14.2 11.4 17.0



#32

Benzoic acid

Concen: 56.576 ng

RT: 7.70 min Scan# 980

Delta R.T. 0.02 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

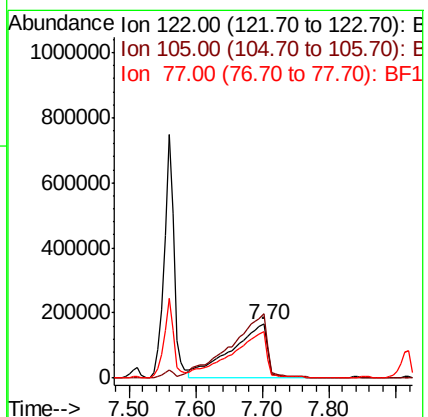
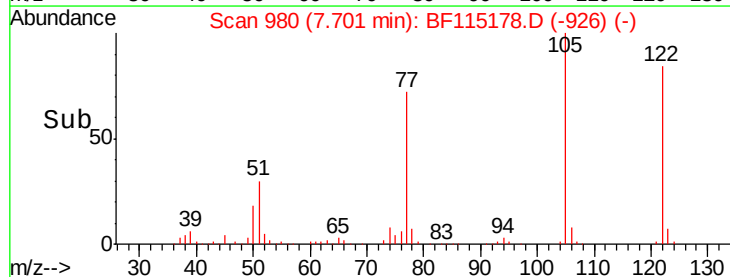
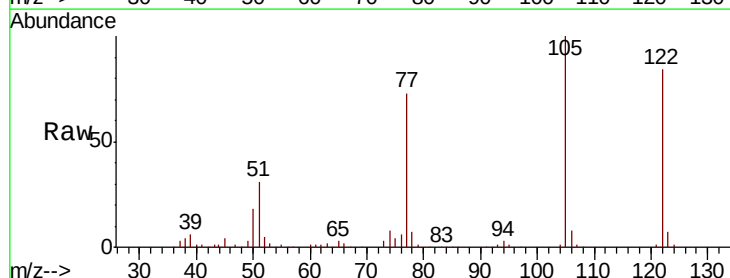
Tgt Ion:122 Resp: 627187

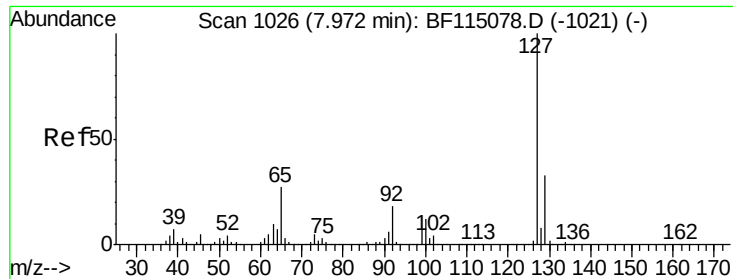
Ion Ratio Lower Upper

122 100

105 119.6 98.2 138.2

77 87.3 67.0 107.0

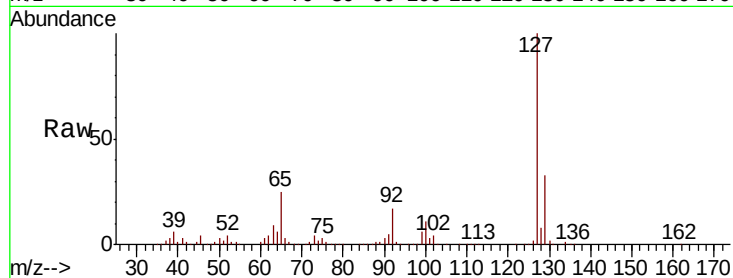




#33
4-Chloroaniline
Concen: 23.163 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampleId :
PB120877BS

Tgt Ion:	127	Resp:	557305
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	24.7	21.4	32.2
92	17.0	14.1	21.1



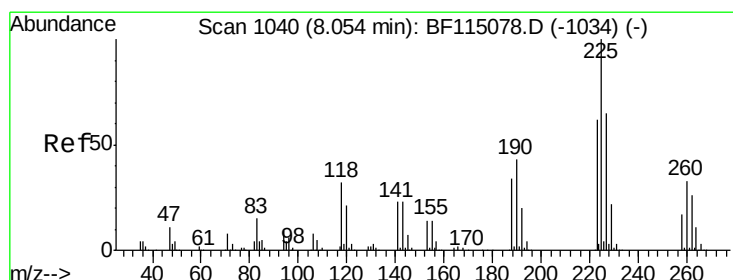
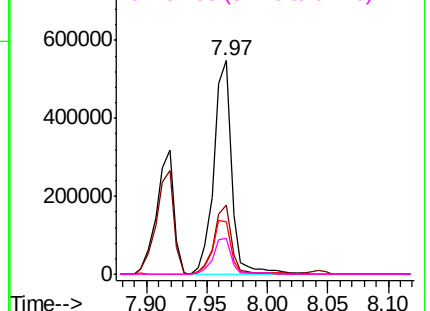
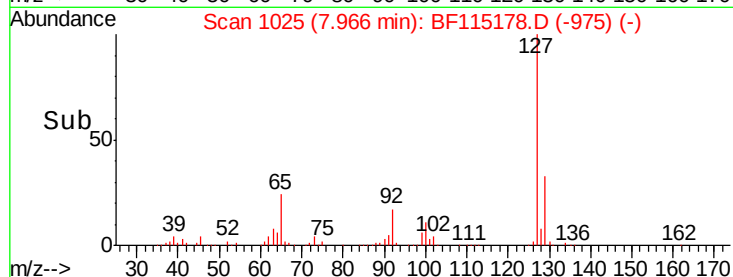
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

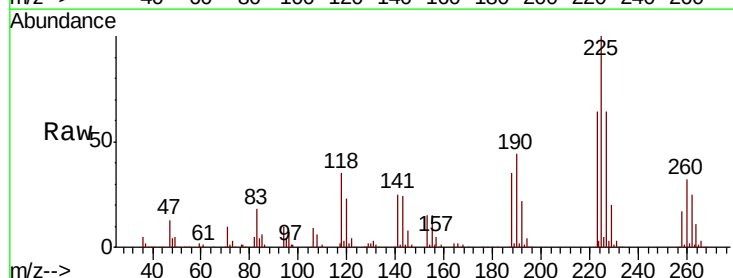
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 43.249 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion:	225	Resp:	419581
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.4	74.2
227	64.2	51.8	77.8

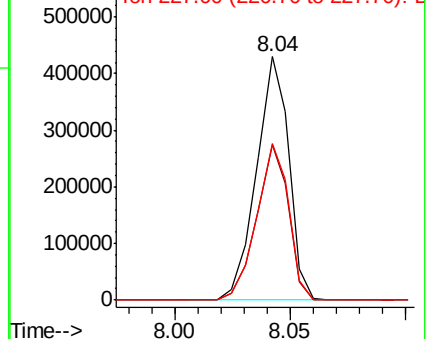
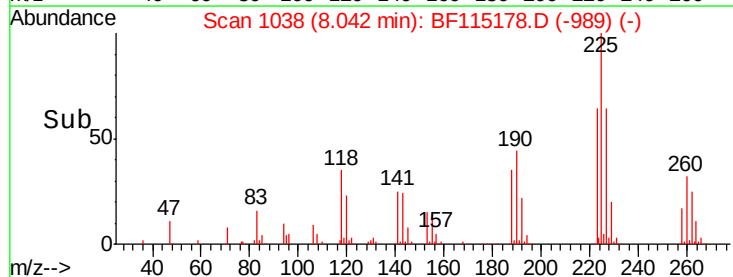


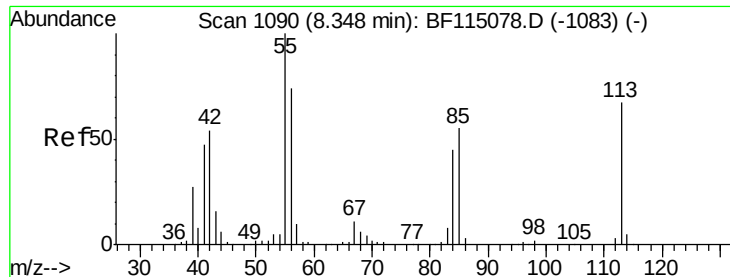
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

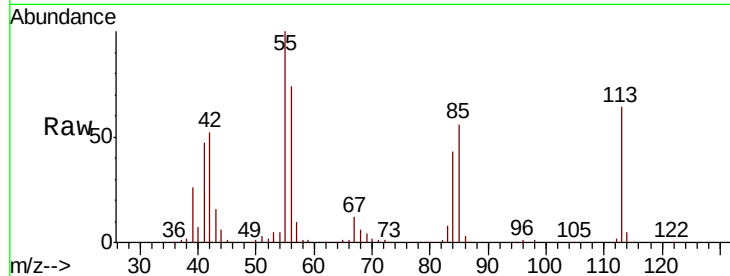




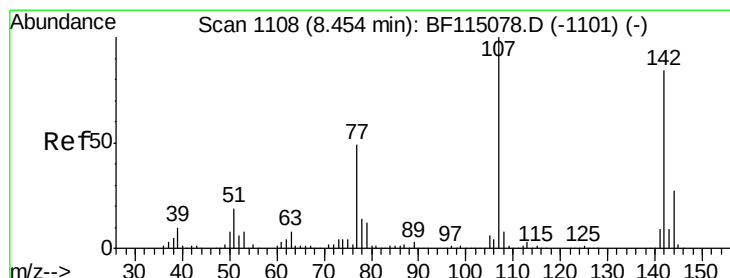
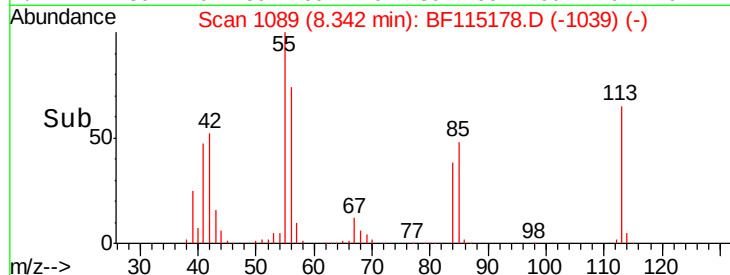
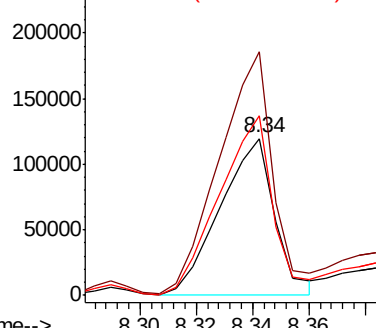
#35
 Caprolactam
 Concen: 29.768 ng
 RT: 8.34 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BF115178.D
 Acq: 25 Jun 2019 9:44

Instrument :
 BNA_F
 ClientSampleID :
 PB120877BS

Tgt Ion:113 Resp: 160406
 Ion Ratio Lower Upper
 113 100
 55 155.1 130.2 170.2
 56 114.0 91.6 131.6

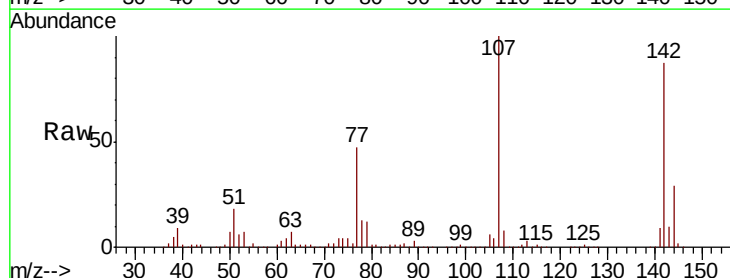


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

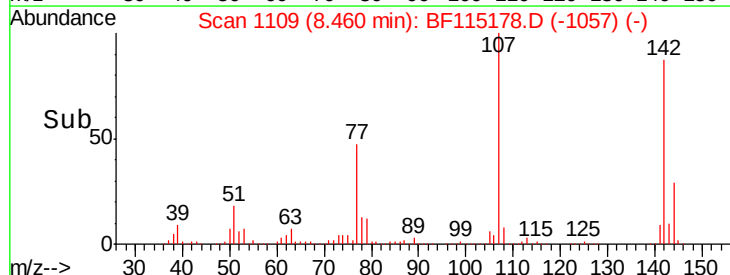
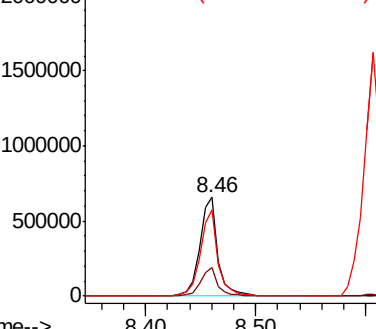


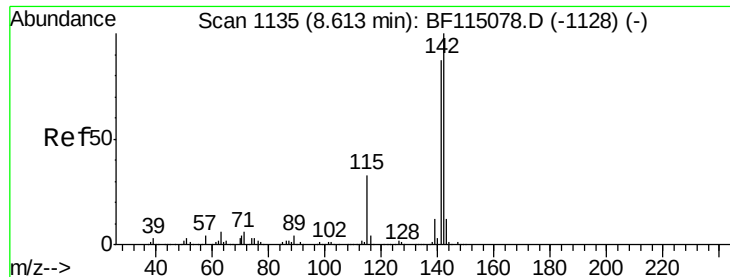
#36
 4-Chloro-3-methylphenol
 Concen: 46.004 ng
 RT: 8.46 min Scan# 1109
 Delta R.T. 0.01 min
 Lab File: BF115178.D
 Acq: 25 Jun 2019 9:44

Tgt Ion:107 Resp: 746693
 Ion Ratio Lower Upper
 107 100
 144 28.6 21.7 32.5
 142 87.0 67.0 100.4



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

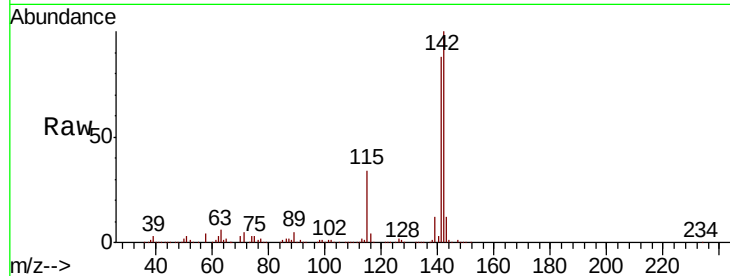




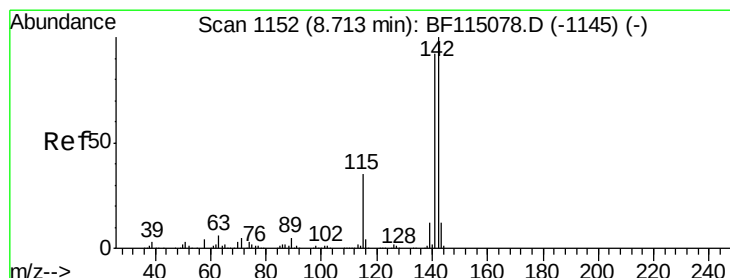
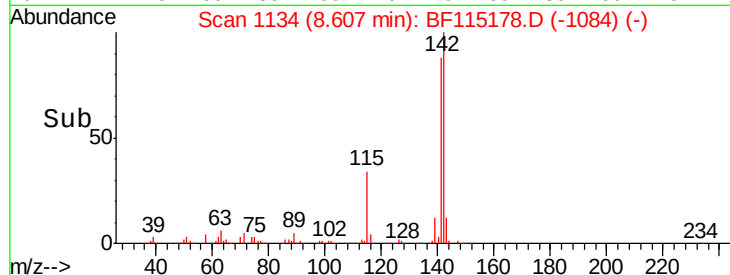
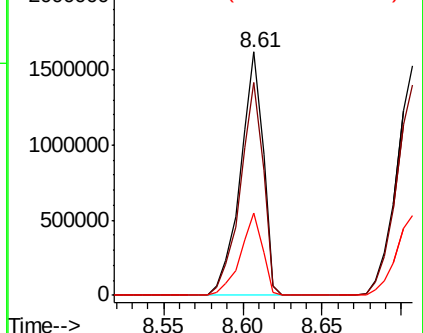
#37
 2-Methylnaphthalene
 Concen: 45.323 ng
 RT: 8.61 min Scan# 1134
 Delta R.T. -0.01 min
 Lab File: BF115178.D
 Acq: 25 Jun 2019 9:44

Instrument :
 BNA_F
 ClientSampleId :
 PB120877BS

Tgt Ion:142 Resp: 1608834
 Ion Ratio Lower Upper
 142 100
 141 87.7 69.8 104.6
 115 34.0 26.7 40.1

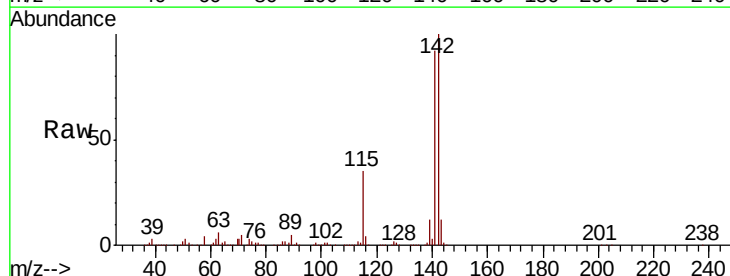


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

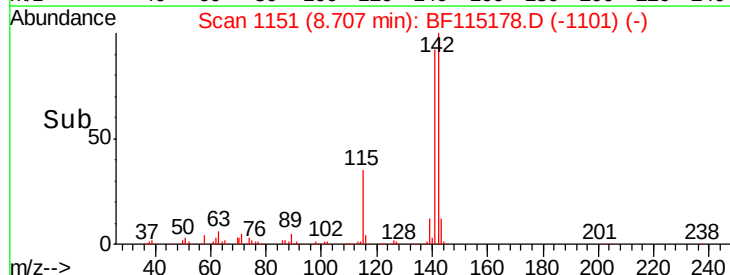
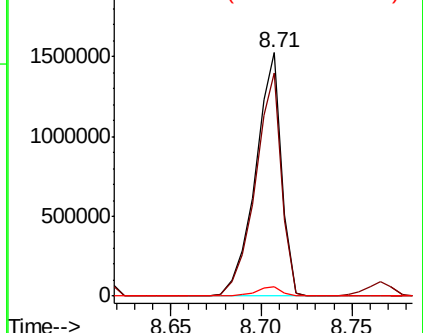


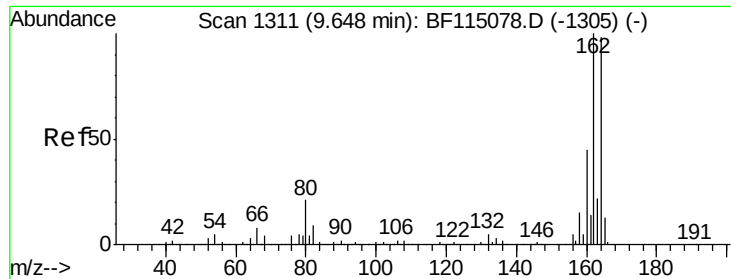
#38
 1-Methylnaphthalene
 Concen: 44.717 ng
 RT: 8.71 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF115178.D
 Acq: 25 Jun 2019 9:44

Tgt Ion:142 Resp: 1515973
 Ion Ratio Lower Upper
 142 100
 141 91.6 73.8 110.8
 116 3.7 2.8 4.2



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

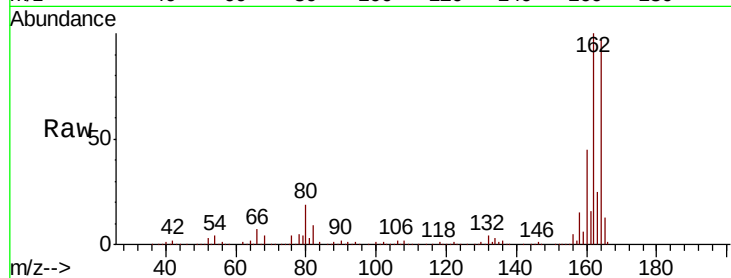




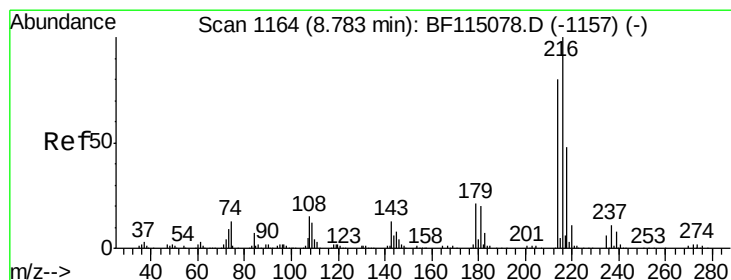
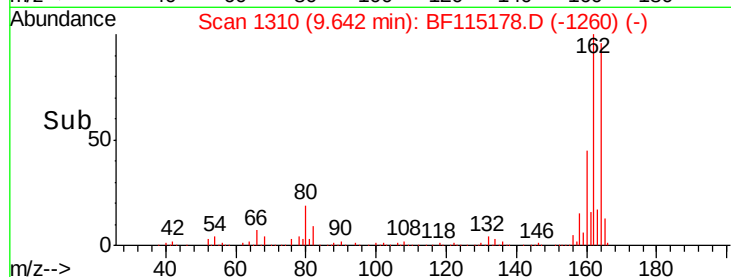
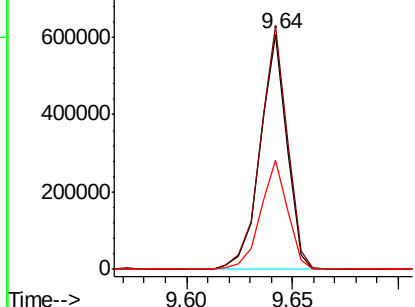
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampleId :
PB120877BS

Tgt Ion:164 Resp: 534430
Ion Ratio Lower Upper
164 100
162 103.6 81.7 122.5
160 46.5 37.0 55.4

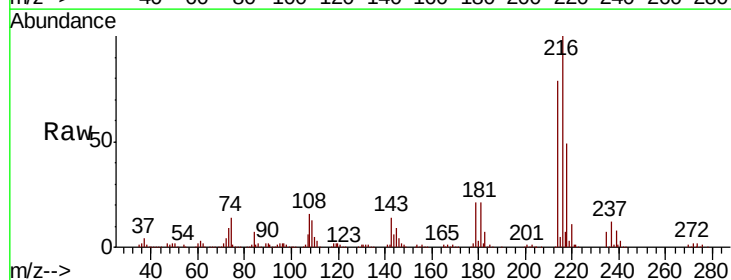


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

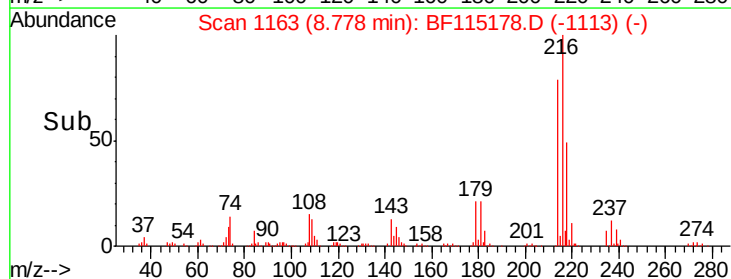
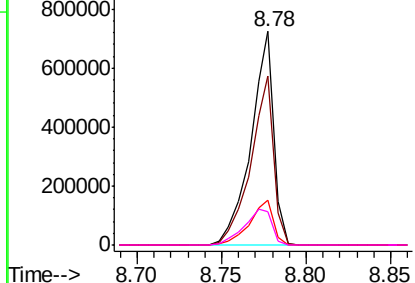


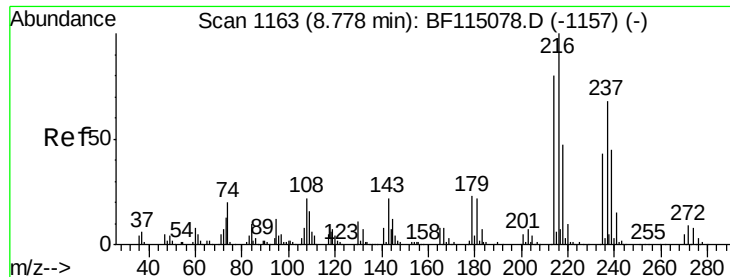
#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.201 ng
RT: 8.78 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion:216 Resp: 682626
Ion Ratio Lower Upper
216 100
214 79.4 63.8 95.6
179 21.8 17.6 26.4
108 20.7 15.7 23.5



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

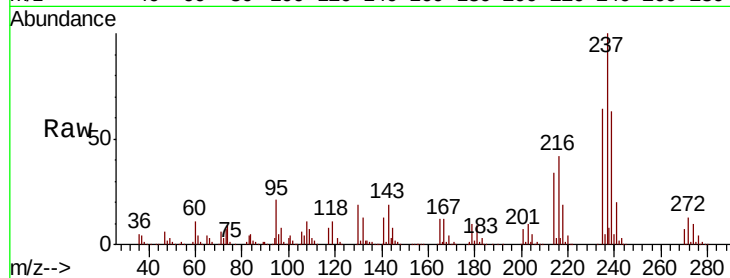




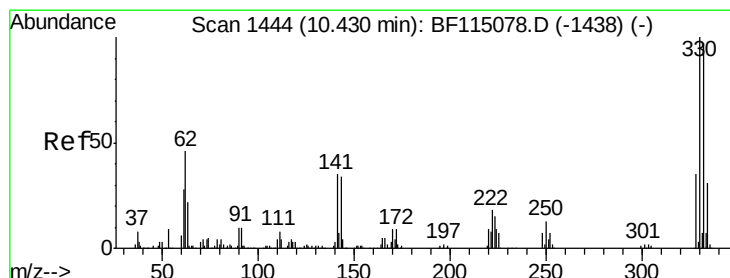
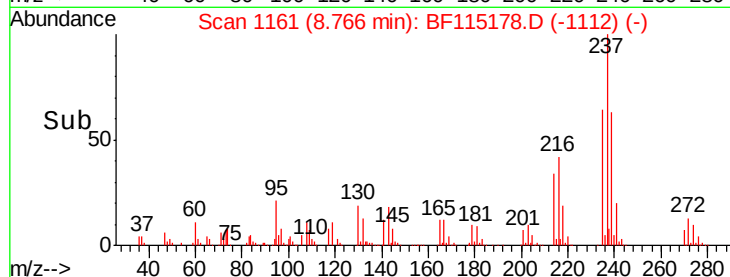
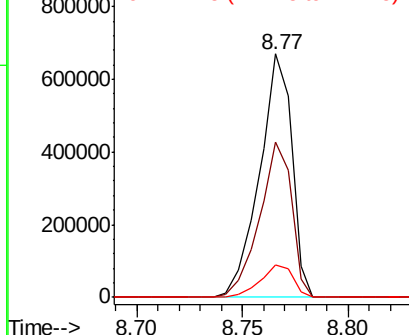
#41
Hexachlorocyclopentadiene
Concen: 79.739 ng
RT: 8.77 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampleId :
PB120877BS

Tgt Ion: 237 Resp: 714065
Ion Ratio Lower Upper
237 100
235 63.6 43.9 83.9
272 13.1 0.0 33.8

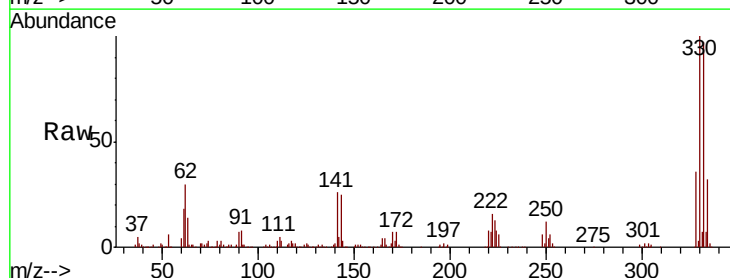


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

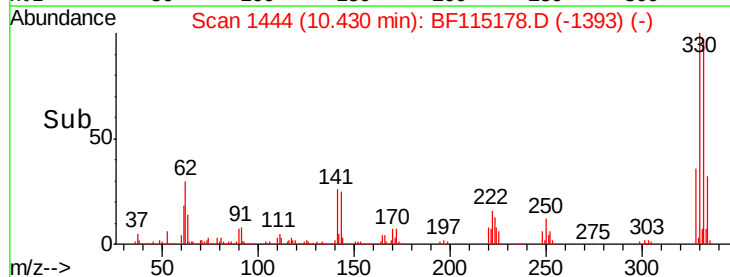
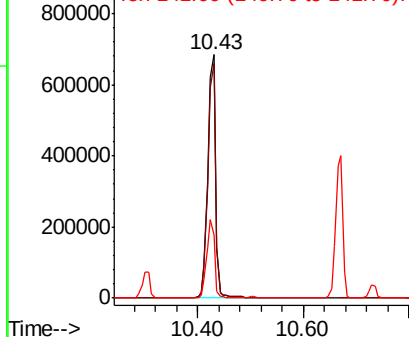


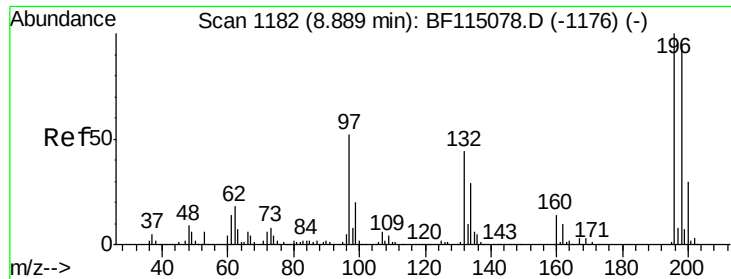
#42
2,4,6-Tribromophenol
Concen: 124.053 ng
RT: 10.43 min Scan# 1444
Delta R.T. 0.00 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion: 330 Resp: 699134
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 32.3 28.2 42.2



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

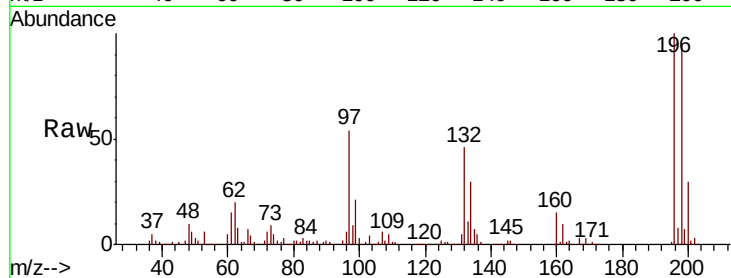




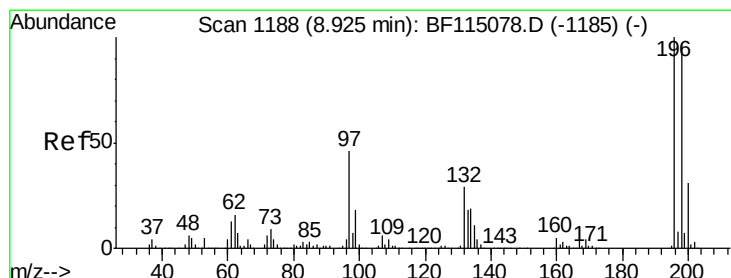
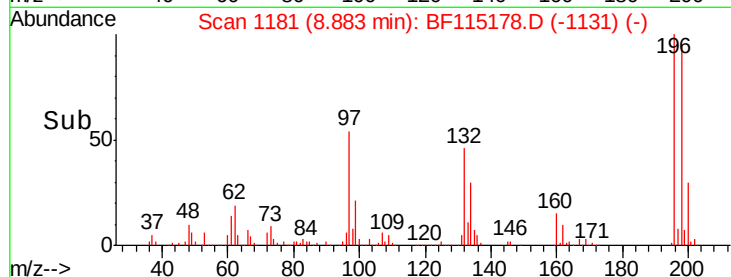
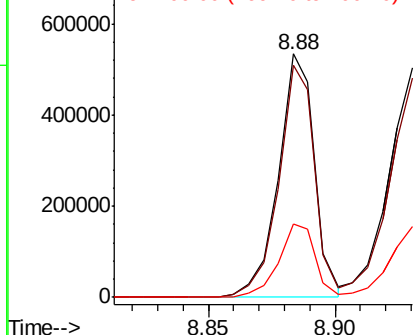
#43
 2,4,6-Trichlorophenol
 Concen: 45.509 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF115178.D
 Acq: 25 Jun 2019 9:44

Instrument :
 BNA_F
 ClientSampleId :
 PB120877BS

Tgt Ion:196 Resp: 530604
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.3 114.5
 200 30.1 24.2 36.4



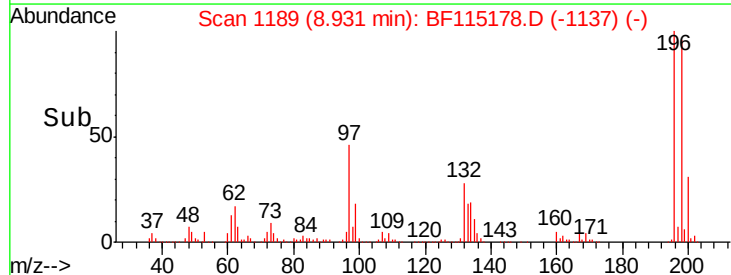
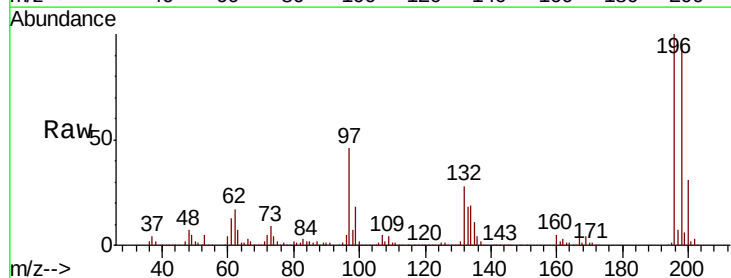
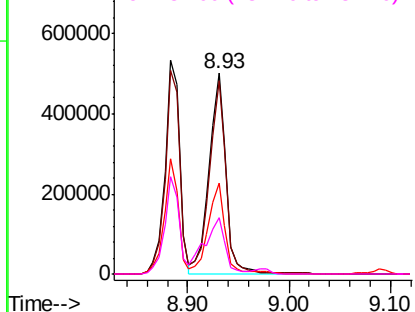
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

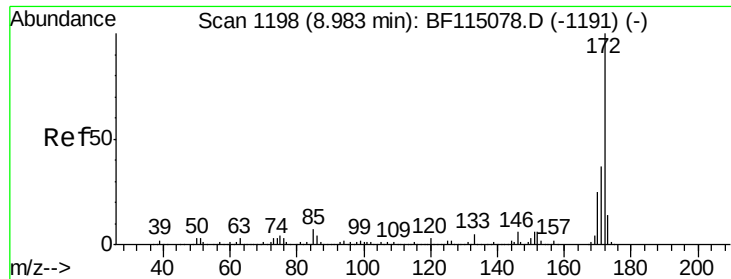


#44
 2,4,5-Trichlorophenol
 Concen: 48.338 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF115178.D
 Acq: 25 Jun 2019 9:44

Tgt Ion:196 Resp: 580386
 Ion Ratio Lower Upper
 196 100
 198 95.9 77.1 115.7
 97 45.6 37.7 56.5
 132 28.2 23.1 34.7

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

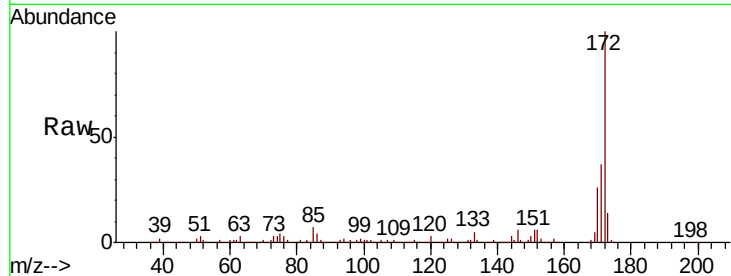




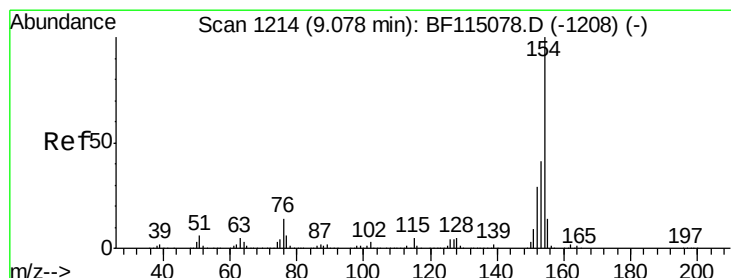
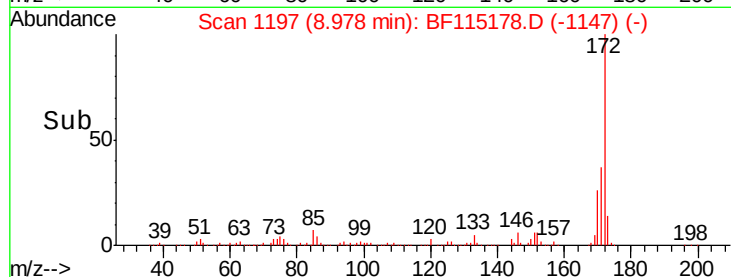
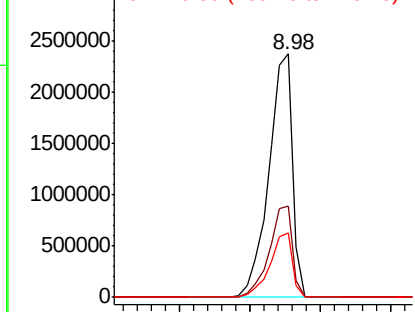
#45
2-Fluorobiphenyl
Concen: 88.225 ng
RT: 8.98 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampleId :
PB120877BS

Tgt Ion:172 Resp: 2775780
Ion Ratio Lower Upper
172 100
171 37.5 29.8 44.6
170 26.2 20.3 30.5

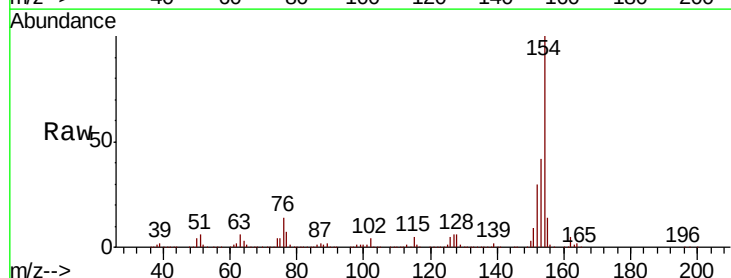


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

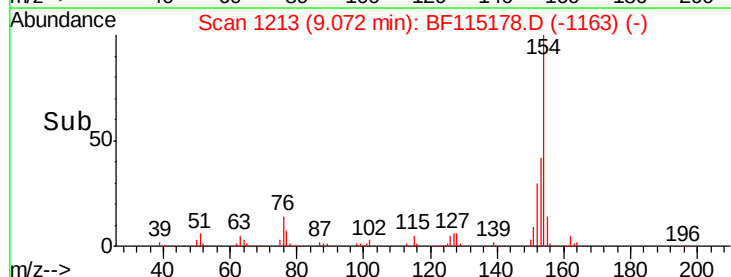
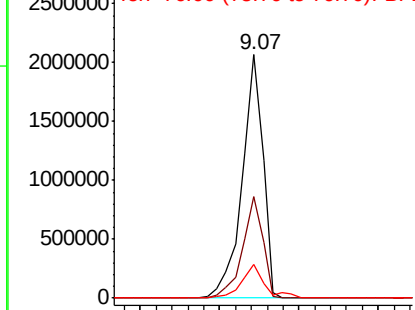


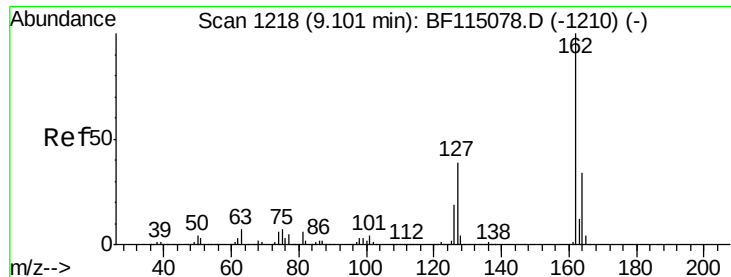
#46
1,1'-Biphenyl
Concen: 43.714 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion:154 Resp: 1869302
Ion Ratio Lower Upper
154 100
153 41.8 20.9 60.9
76 13.8 0.0 34.1



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

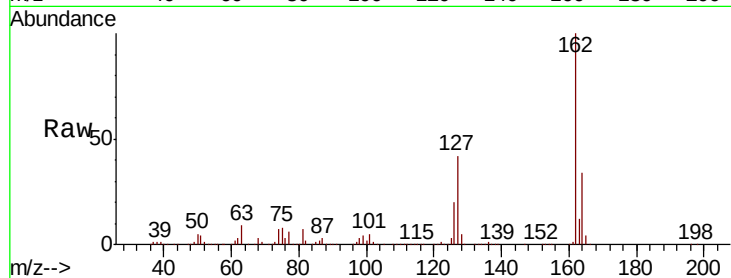




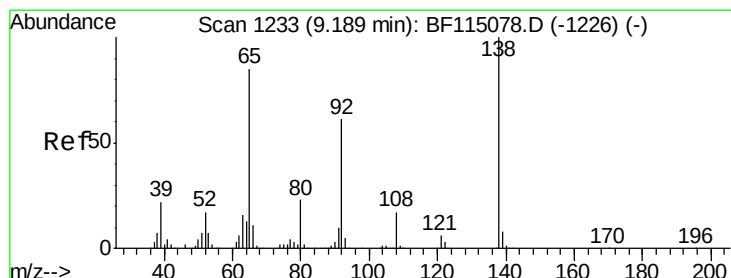
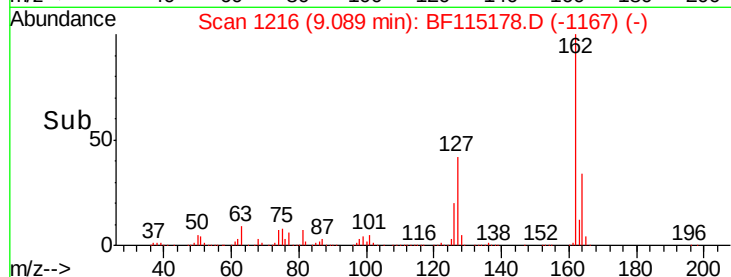
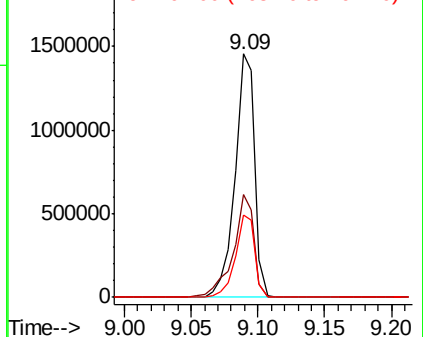
#47
 2-Chloronaphthalene
 Concen: 43.148 ng
 RT: 9.09 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115178.D
 Acq: 25 Jun 2019 9:44

Instrument :
 BNA_F
 ClientSampleId :
 PB120877BS

Tgt Ion: 162 Resp: 1496647
 Ion Ratio Lower Upper
 162 100
 127 42.2 30.8 46.2
 164 33.7 27.0 40.4

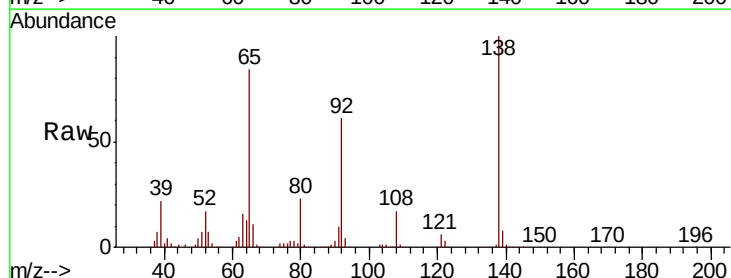


Abundance Ion 162.00 (161.70 to 162.70): E
 2000000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

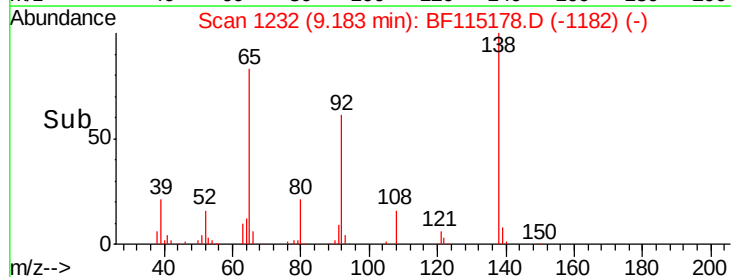
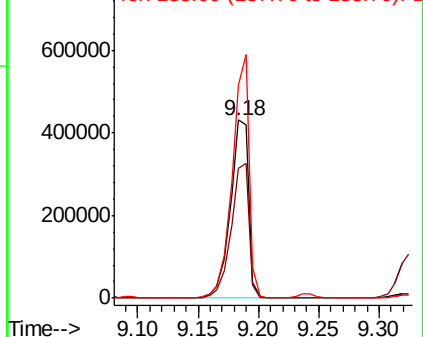


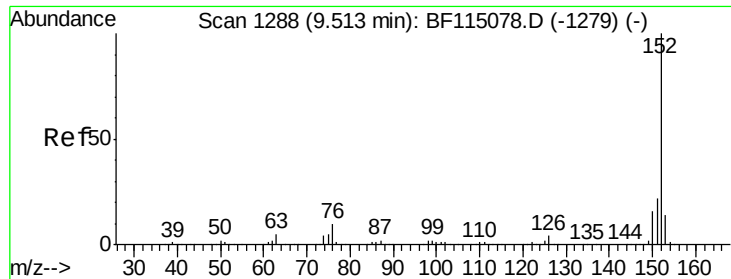
#48
 2-Nitroaniline
 Concen: 45.029 ng
 RT: 9.18 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF115178.D
 Acq: 25 Jun 2019 9:44

Tgt Ion: 65 Resp: 455355
 Ion Ratio Lower Upper
 65 100
 92 73.0 57.4 86.2
 138 119.4 94.1 141.1



Abundance Ion 65.00 (64.70 to 65.70): BF1
 800000 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.700 ng

RT: 9.51 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

Instrument :

BNA_F

ClientSampleId :

PB120877BS

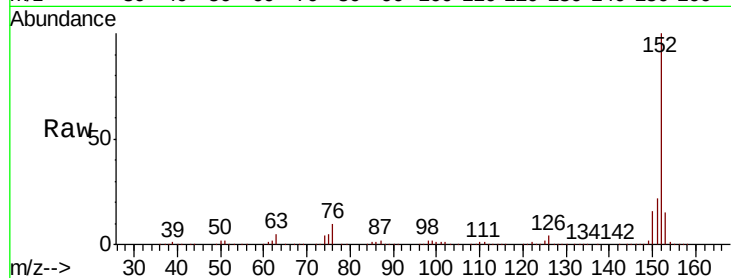
Tgt Ion:152 Resp: 2307644

Ion Ratio Lower Upper

152 100

151 22.1 17.2 25.8

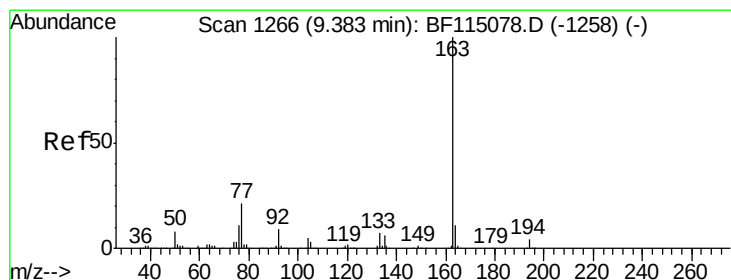
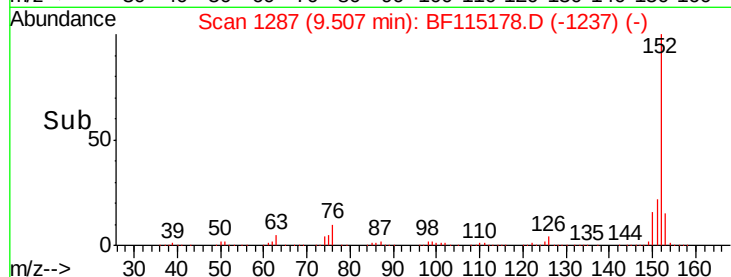
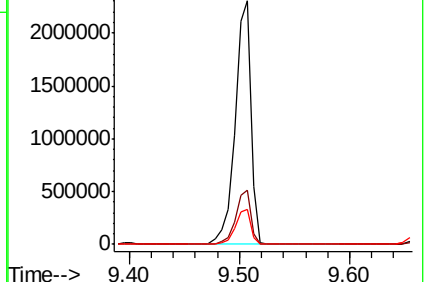
153 14.5 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.103 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

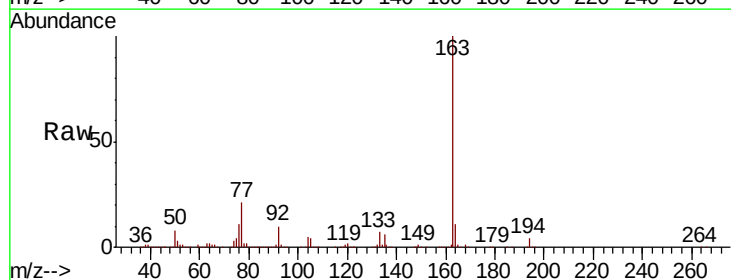
Tgt Ion:163 Resp: 1734105

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

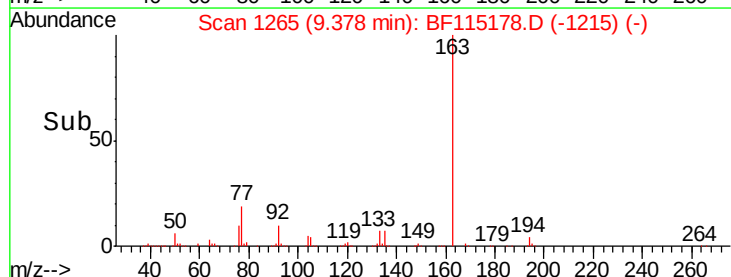
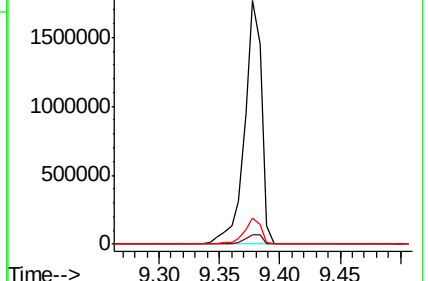
164 10.8 8.6 13.0

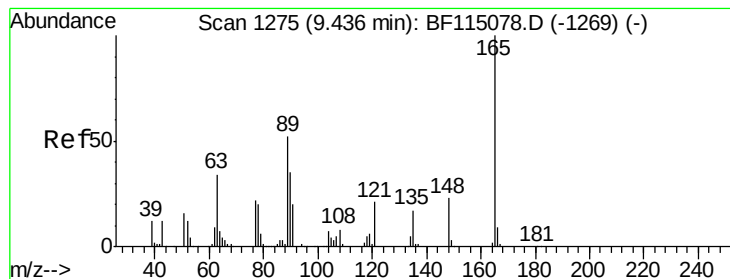


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.168 ng

RT: 9.43 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

Instrument :

BNA_F

ClientSampleId :

PB120877BS

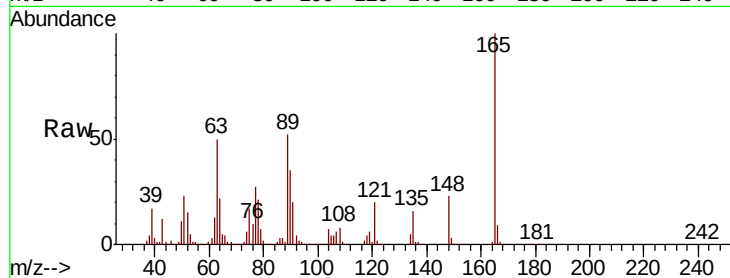
Tgt Ion:165 Resp: 419090

Ion Ratio Lower Upper

165 100

63 49.6 39.4 59.2

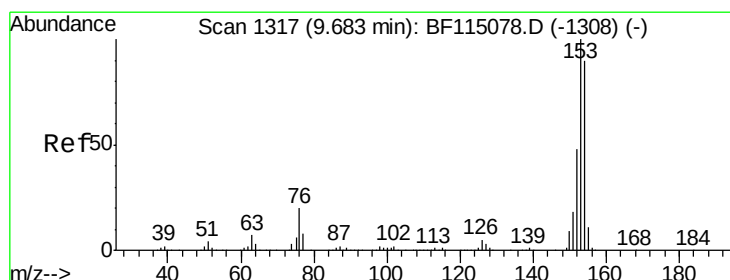
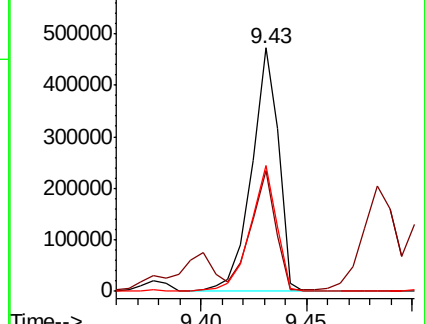
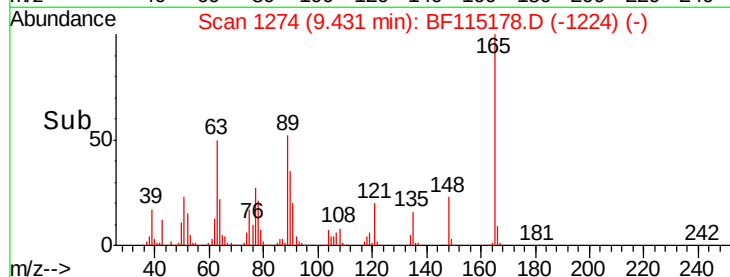
89 51.9 42.0 63.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 42.011 ng

RT: 9.68 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

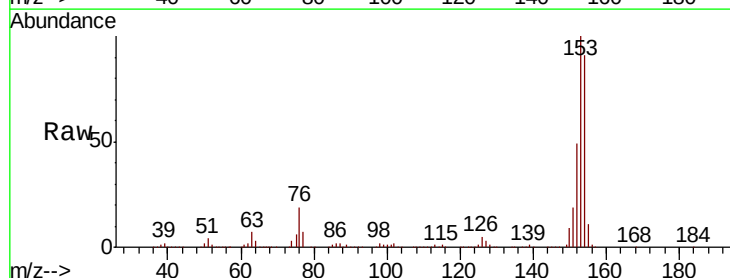
Tgt Ion:154 Resp: 1420681

Ion Ratio Lower Upper

154 100

153 110.2 88.7 133.1

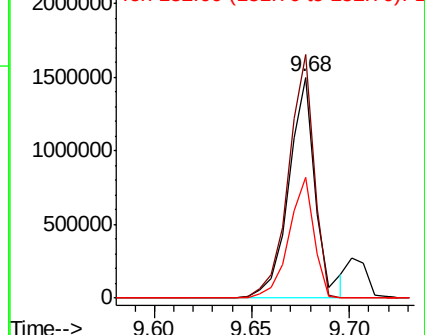
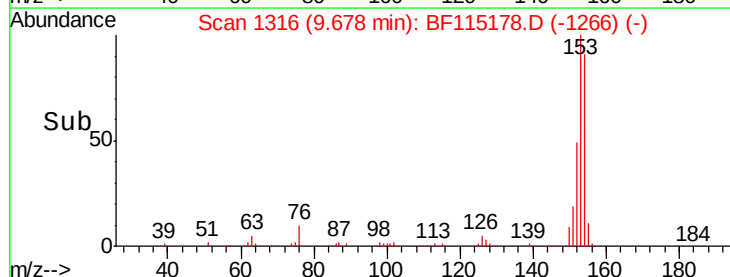
152 54.5 42.6 64.0

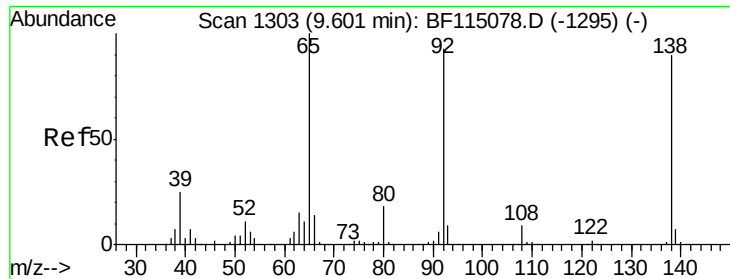


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

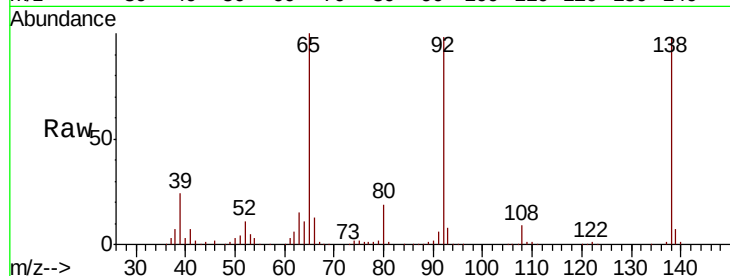




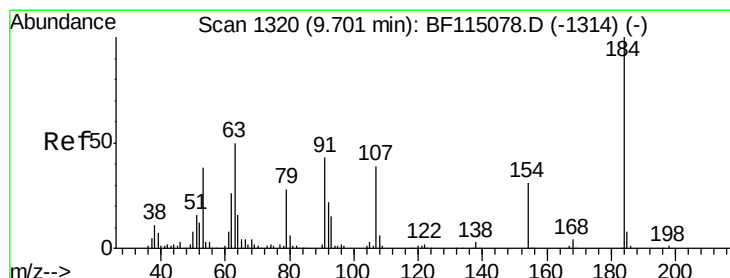
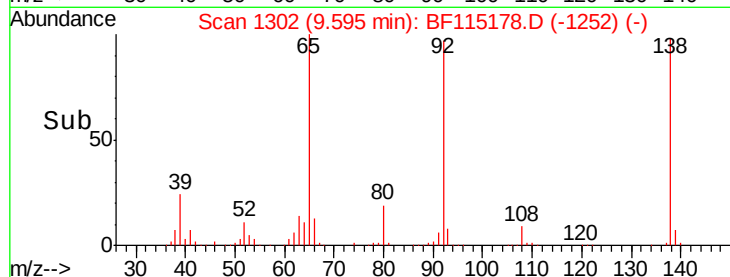
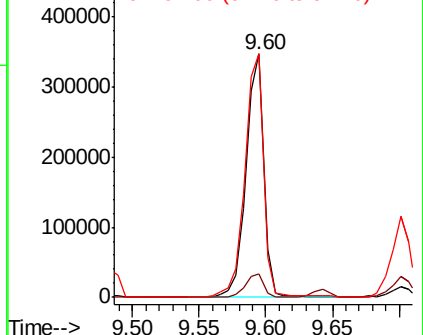
#53
 3-Nitroaniline
 Concen: 28.794 ng
 RT: 9.60 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF115178.D
 Acq: 25 Jun 2019 9:44

Instrument :
 BNA_F
 ClientSampleId :
 PB120877BS

Tgt Ion:138 Resp: 318964
 Ion Ratio Lower Upper
 138 100
 108 9.4 7.8 11.6
 92 99.9 82.9 124.3

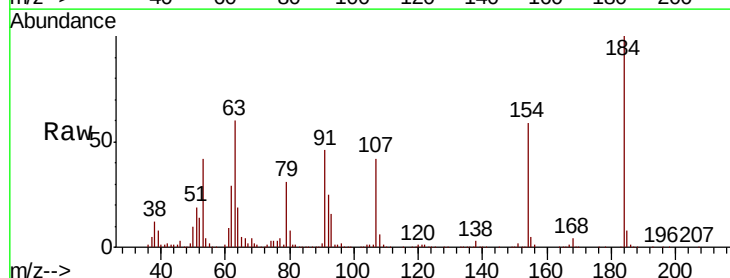


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

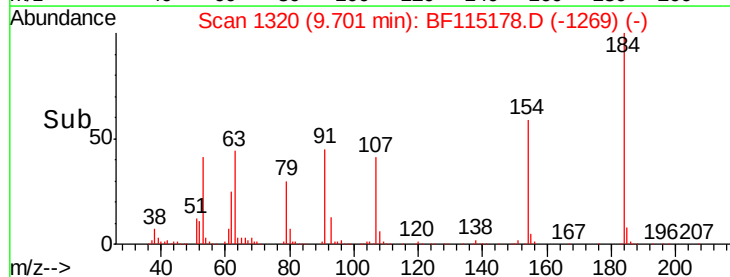
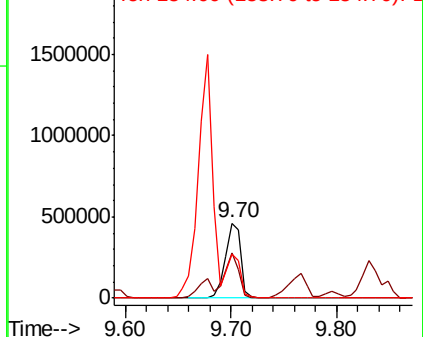


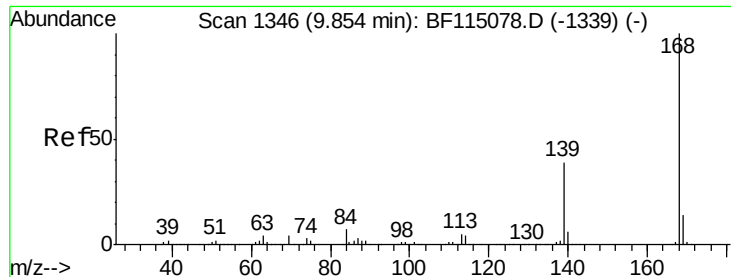
#54
 2,4-Dinitrophenol
 Concen: 98.700 ng
 RT: 9.70 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF115178.D
 Acq: 25 Jun 2019 9:44

Tgt Ion:184 Resp: 469859
 Ion Ratio Lower Upper
 184 100
 63 60.0 41.9 62.9
 154 58.8 44.7 67.1



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

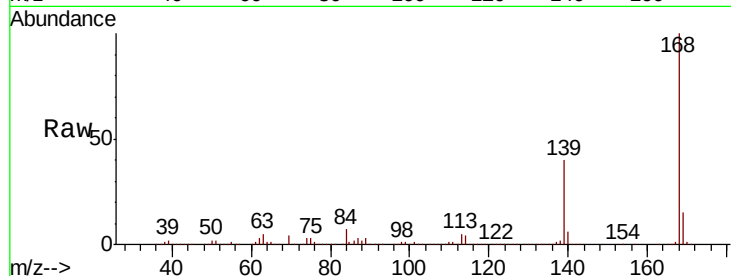




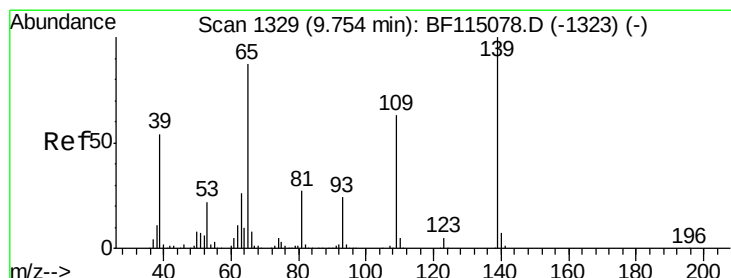
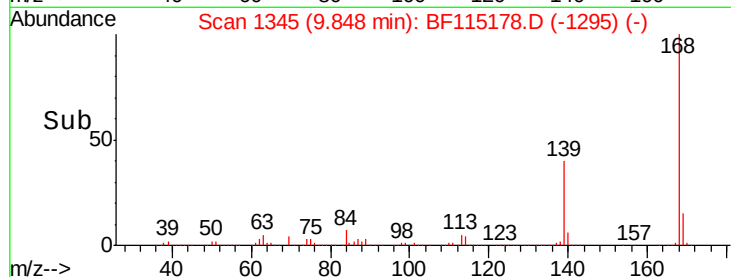
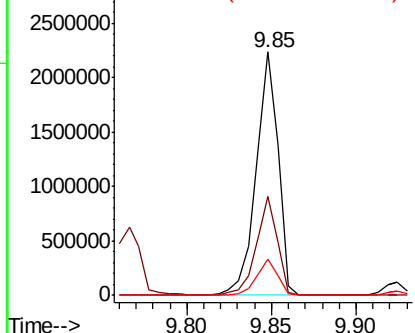
#55
Dibenzofuran
Concen: 42.028 ng
RT: 9.85 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampleId :
PB120877BS

Tgt Ion:168 Resp: 2039923
Ion Ratio Lower Upper
168 100
139 40.5 31.1 46.7
169 14.8 11.3 16.9

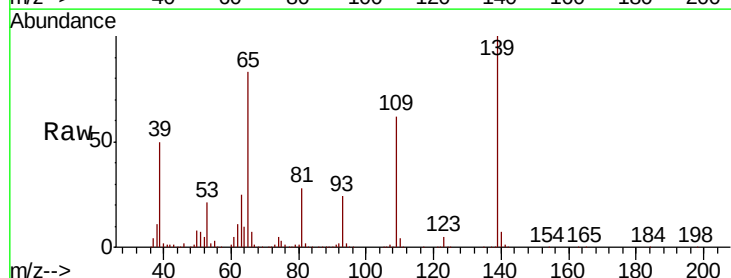


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

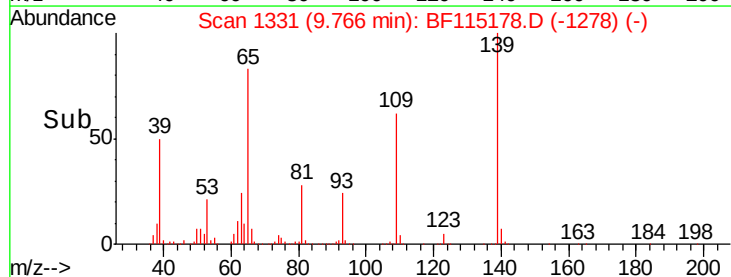
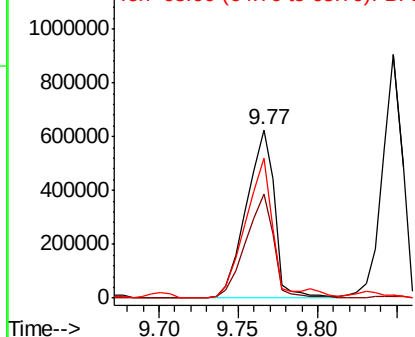


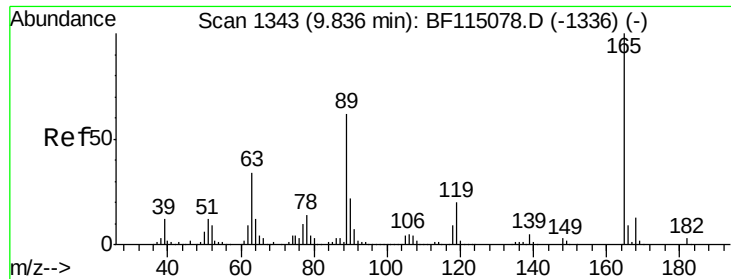
#56
4-Nitrophenol
Concen: 87.679 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion:139 Resp: 778672
Ion Ratio Lower Upper
139 100
109 62.2 43.0 83.0
65 83.1 67.0 107.0



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

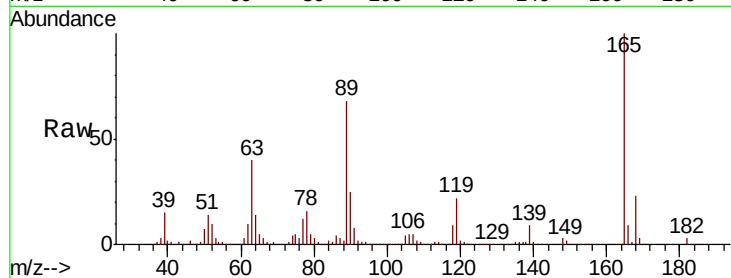




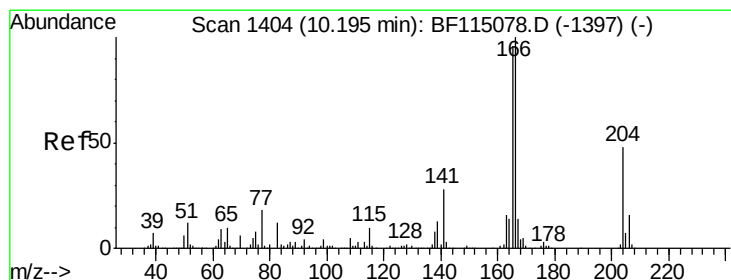
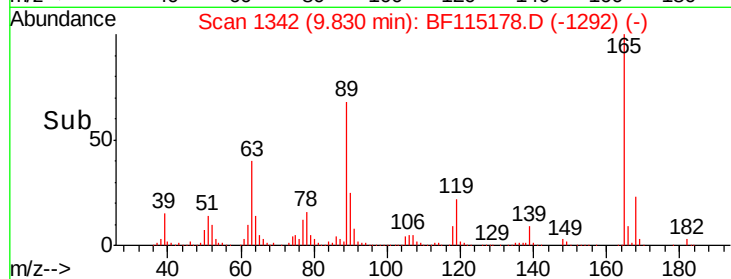
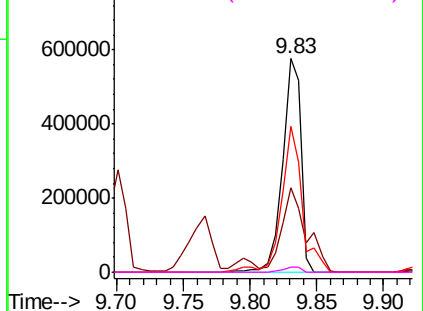
#57
2,4-Dinitrotoluene
Concen: 47.682 ng
RT: 9.83 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampleId :
PB120877BS

Tgt Ion:	165	Resp:	558887
Ion	Ratio	Lower	Upper
165	100		
63	39.8	27.5	41.3
89	68.4	49.9	74.9
182	2.7	2.1	3.1

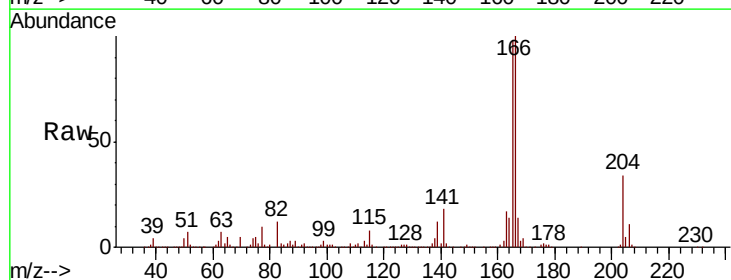


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

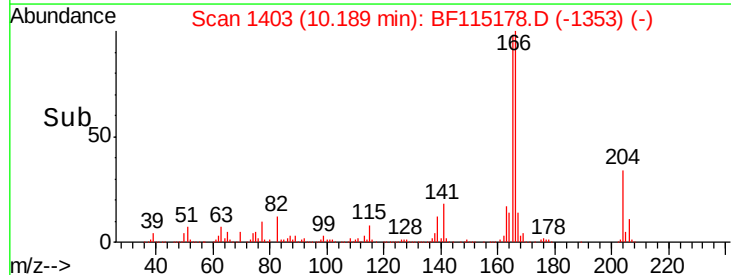
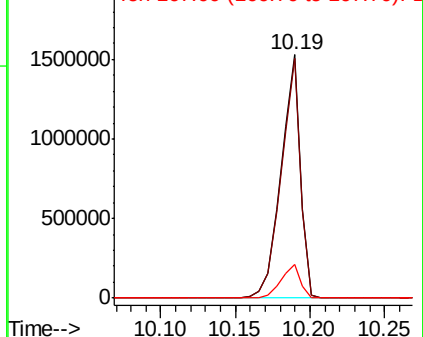


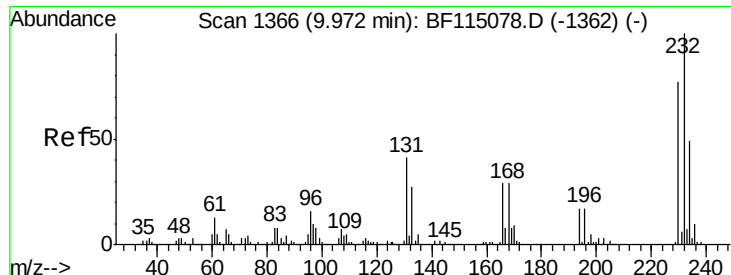
#58
Fluorene
Concen: 43.116 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion:	166	Resp:	1402240
Ion	Ratio	Lower	Upper
166	100		
165	98.2	76.5	114.7
167	13.9	11.0	16.4



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

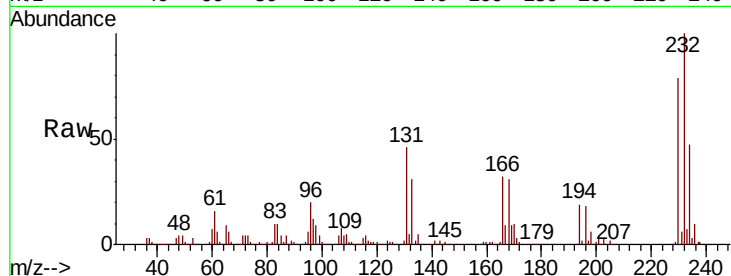




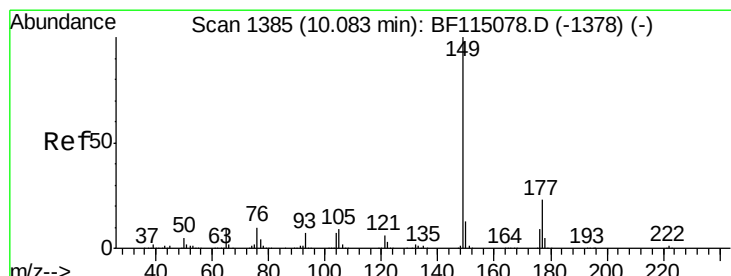
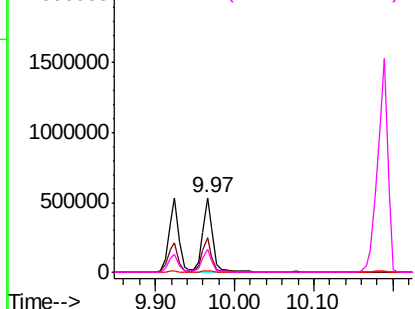
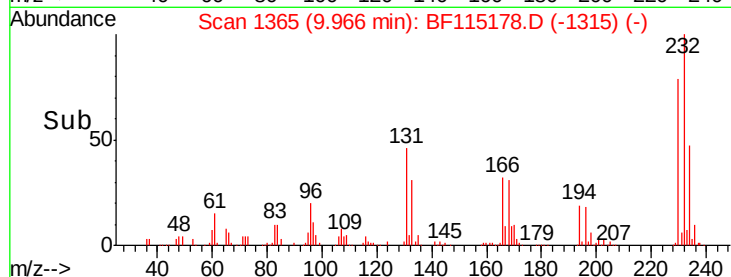
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.977 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF115178.D
 Acq: 25 Jun 2019 9:44

Instrument :
 BNA_F
 ClientSampleId :
 PB120877BS

Tgt Ion:	232	Resp:	493102
Ion	Ratio	Lower	Upper
232	100		
131	44.7	37.4	56.0
130	2.2	1.8	2.6
166	29.8	24.6	36.8

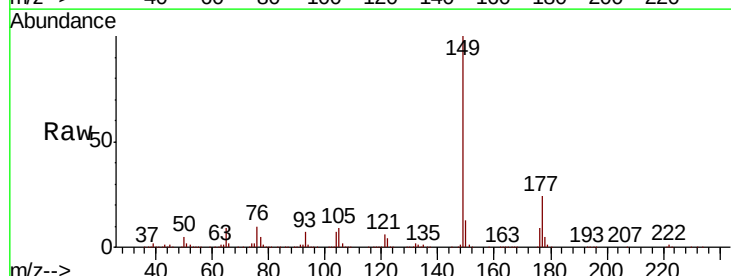


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

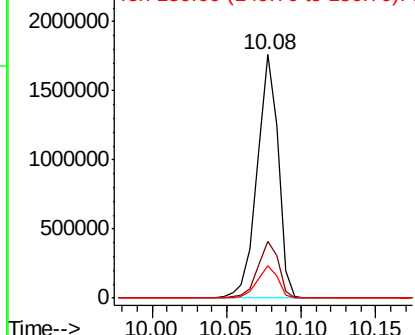
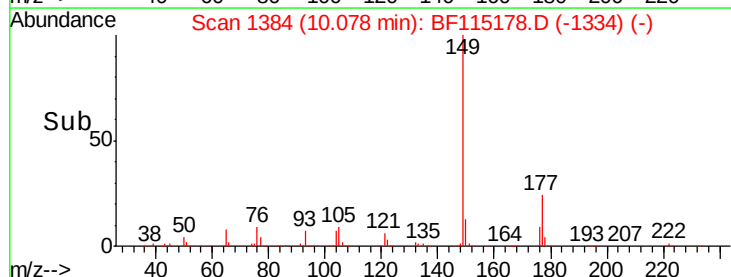


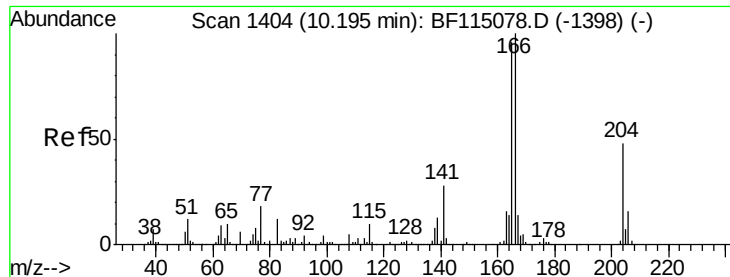
#60
 Diethylphthalate
 Concen: 43.056 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF115178.D
 Acq: 25 Jun 2019 9:44

Tgt Ion:	149	Resp:	1701757
Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.7	28.1
150	13.2	10.4	15.6



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

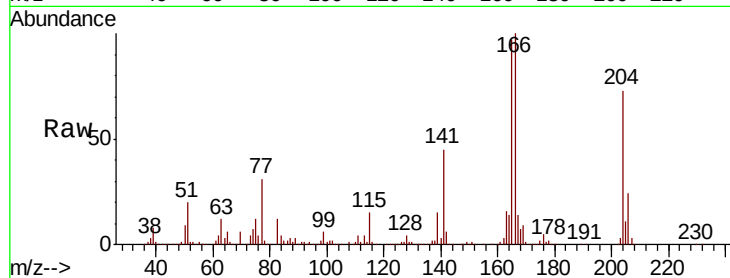




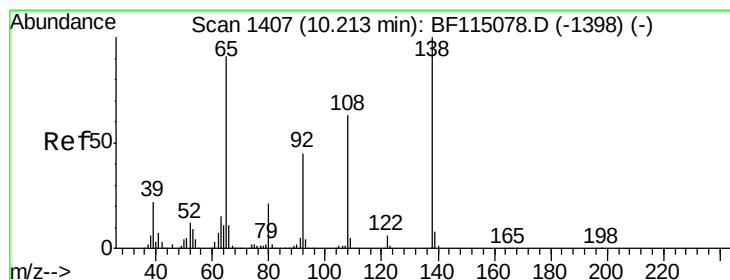
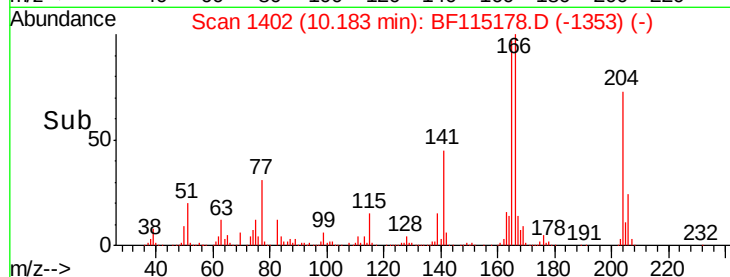
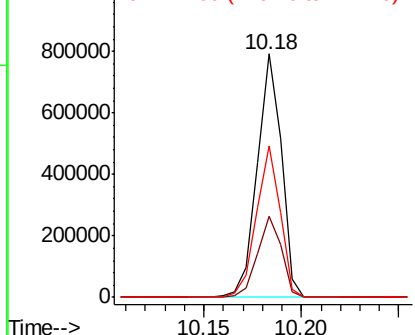
#61
4-Chlorophenyl-phenylether
Concen: 44.207 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampleId :
PB120877BS

Tgt Ion:204 Resp: 680728
Ion Ratio Lower Upper
204 100
206 33.4 26.6 40.0
141 62.0 46.7 70.1

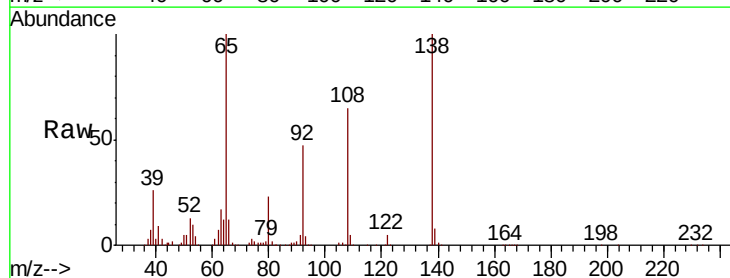


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

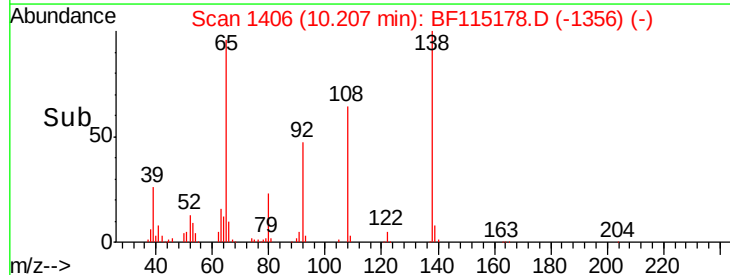
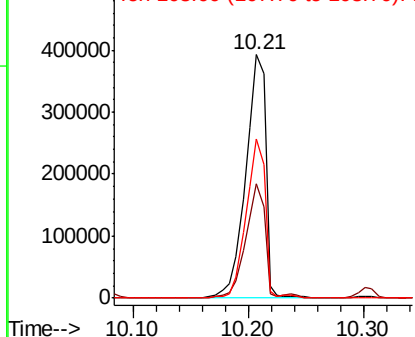


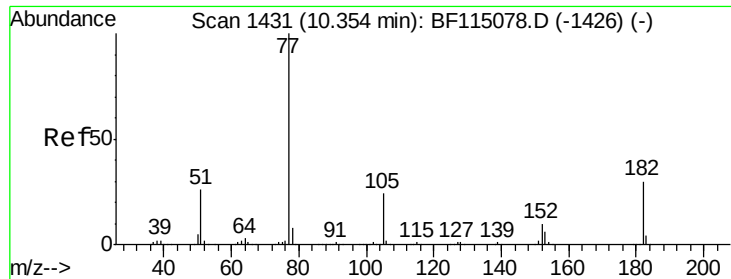
#62
4-Nitroaniline
Concen: 42.538 ng
RT: 10.21 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion:138 Resp: 472721
Ion Ratio Lower Upper
138 100
92 47.2 24.8 64.8
108 65.4 43.3 83.3



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

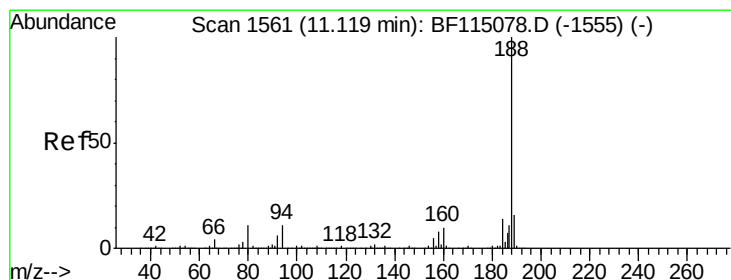
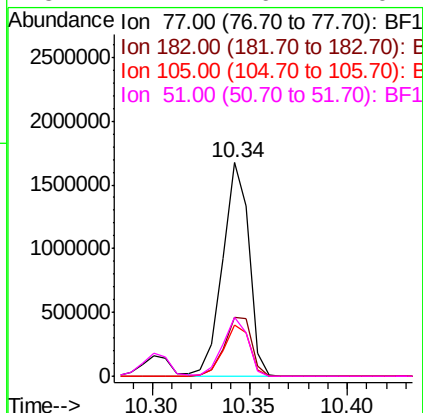
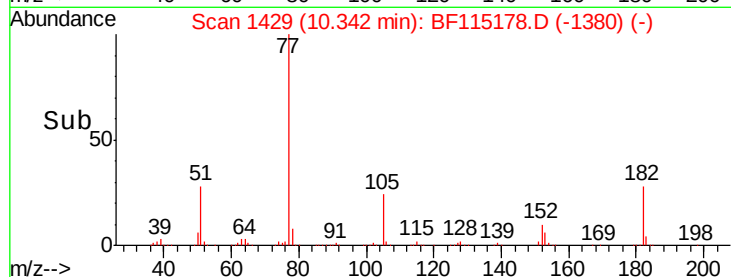
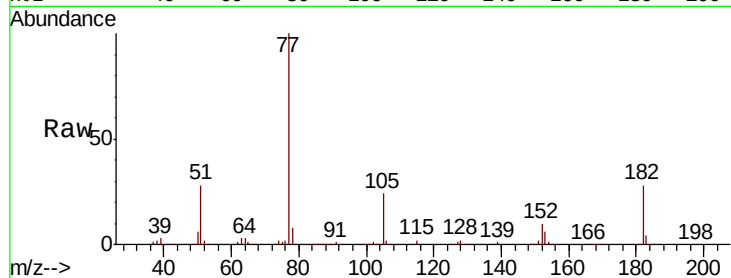




#63
Azobenzene
Concen: 42.193 ng
RT: 10.34 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

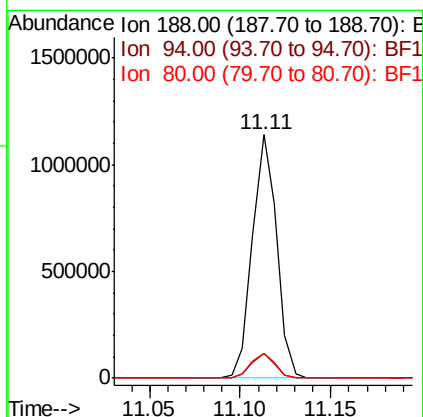
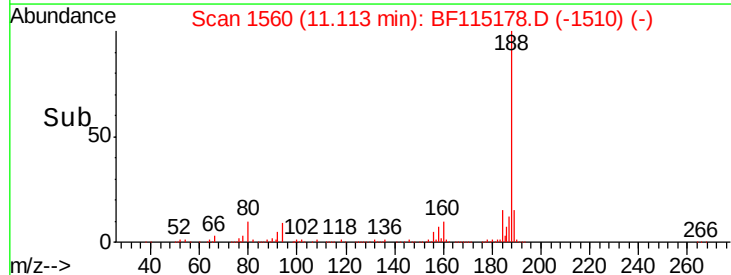
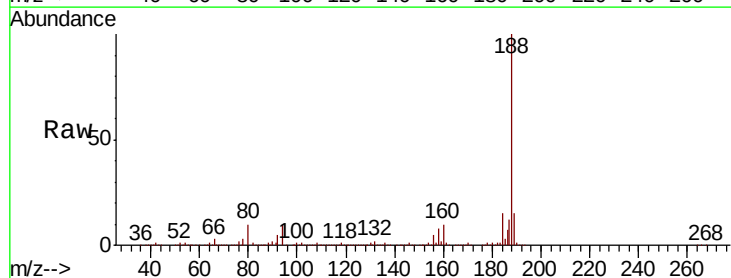
Instrument :
BNA_F
ClientSampleId :
PB120877BS

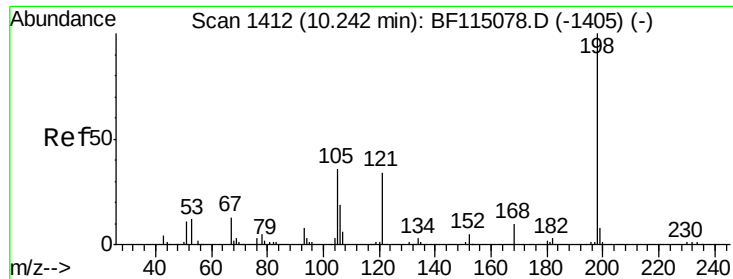
Tgt Ion: 77 Resp: 1557638
Ion Ratio Lower Upper
77 100
182 27.5 10.1 50.1
105 24.2 4.5 44.5
51 27.7 6.4 46.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion: 188 Resp: 1060499
Ion Ratio Lower Upper
188 100
94 10.0 8.6 12.8
80 10.3 8.8 13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 48.715 ng

RT: 10.24 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

Instrument :

BNA_F

ClientSampleId :

PB120877BS

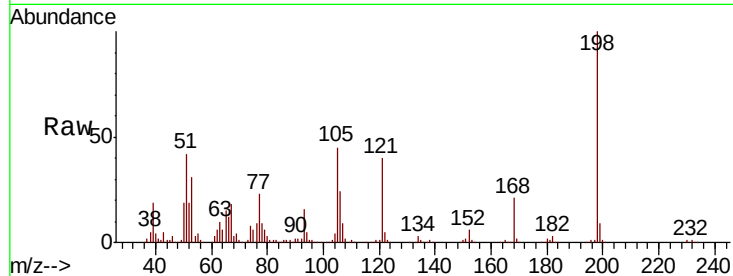
Tgt Ion:198 Resp: 275354

Ion Ratio Lower Upper

198 100

51 41.8 11.0 51.0

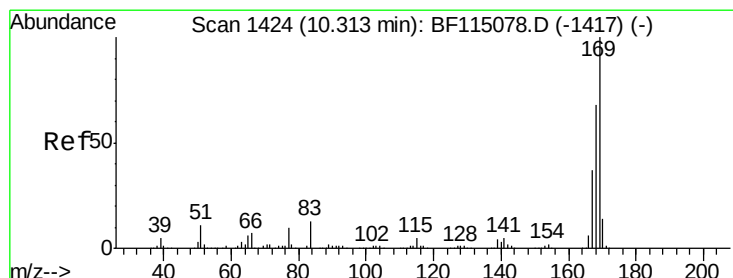
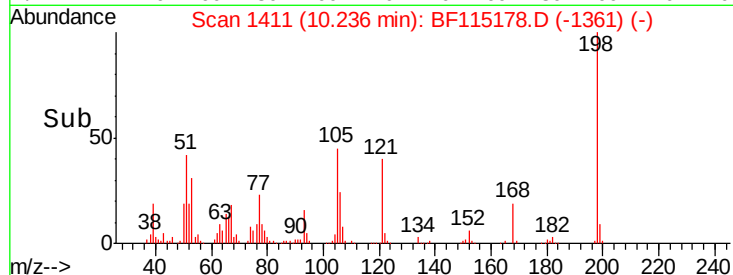
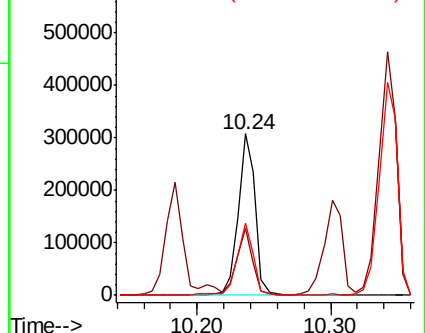
105 44.9 17.3 57.3



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: 43.194 ng

RT: 10.31 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

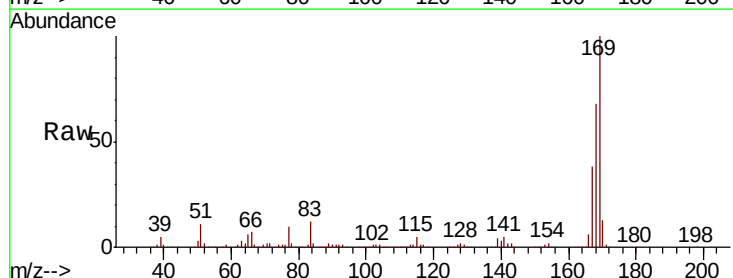
Tgt Ion:169 Resp: 1427117

Ion Ratio Lower Upper

169 100

168 68.3 54.2 81.4

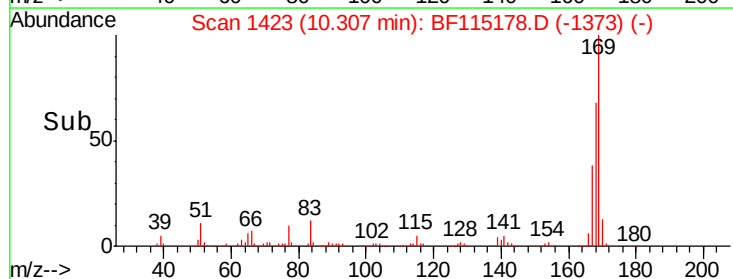
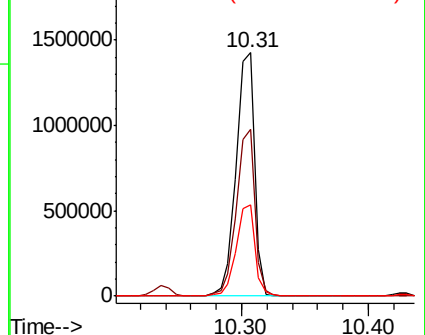
167 37.6 29.4 44.0

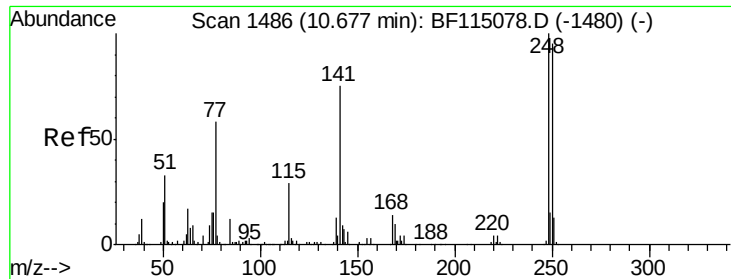


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

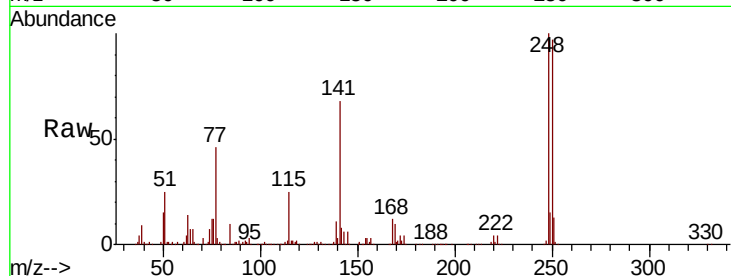




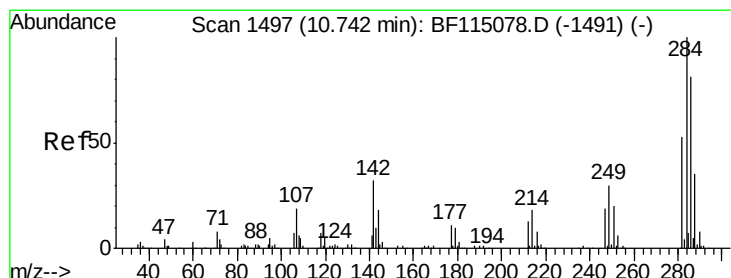
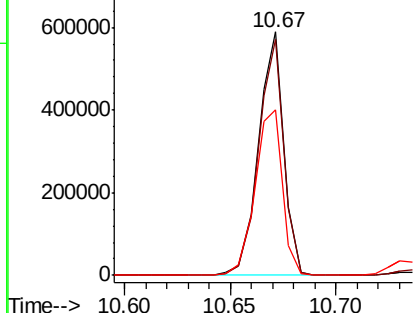
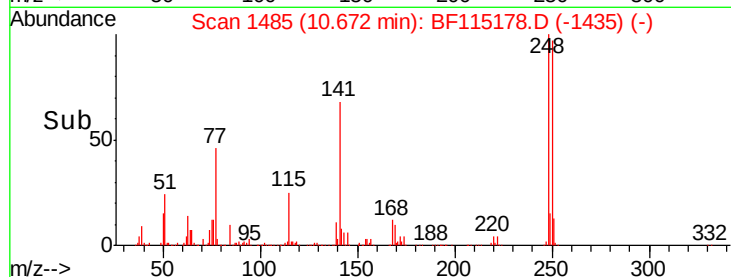
#67
4-Bromophenyl-phenylether
Concen: 42.670 ng
RT: 10.67 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampleId :
PB120877BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	76.2	114.2
141	68.0	59.6	89.4

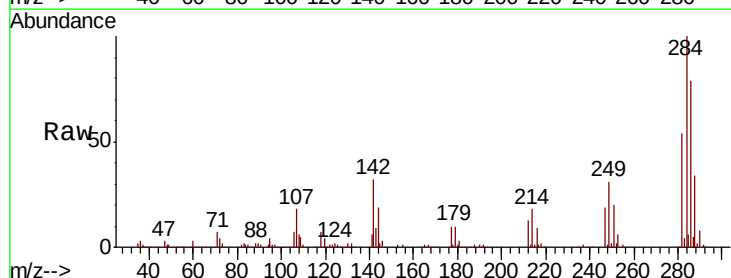


Abundance Ion 248.00 (247.70 to 248.70): E
800000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

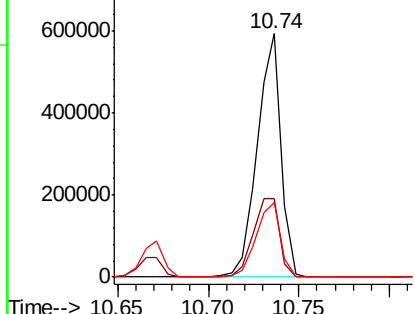
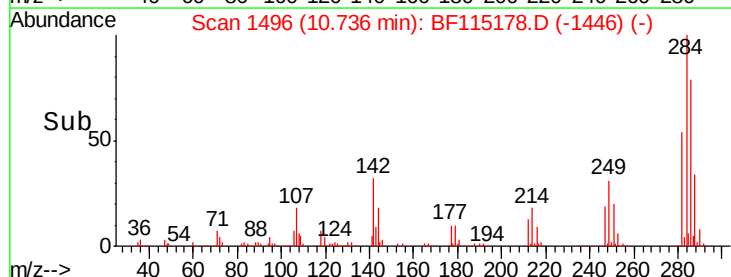


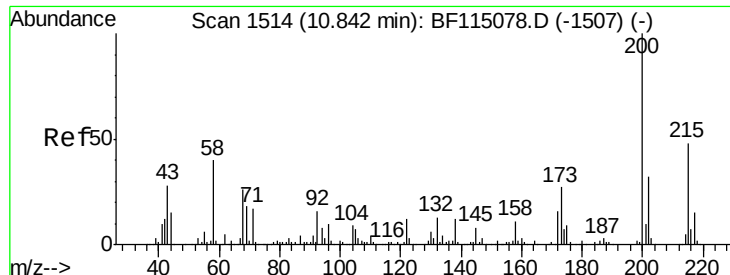
#68
Hexachlorobenzene
Concen: 43.025 ng
RT: 10.74 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.1	25.8	38.8
249	30.7	24.2	36.4



Abundance Ion 283.80 (283.50 to 284.50): E
800000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

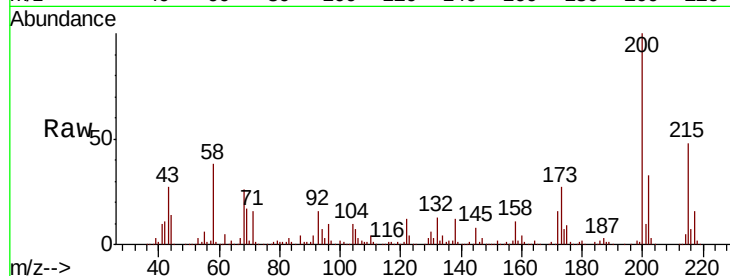




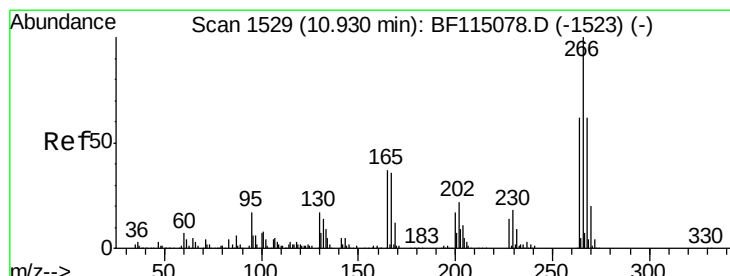
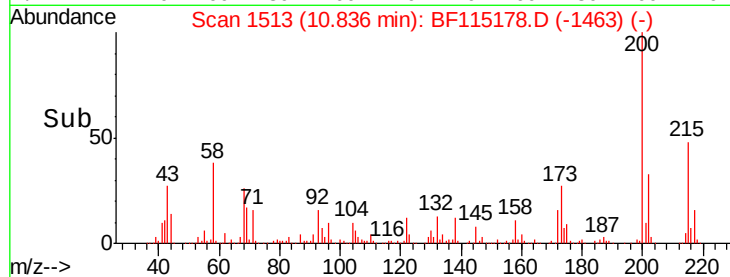
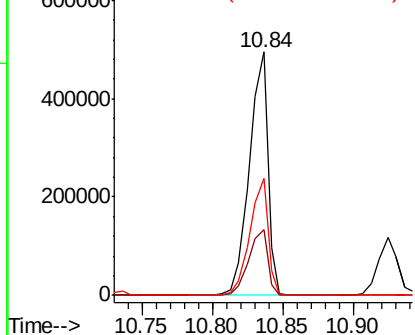
#69
 Atrazine
 Concen: 43.130 ng
 RT: 10.84 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF115178.D
 Acq: 25 Jun 2019 9:44

Instrument :
 BNA_F
 ClientSampleId :
 PB120877BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.4	47.4
215	48.1	27.8	67.8

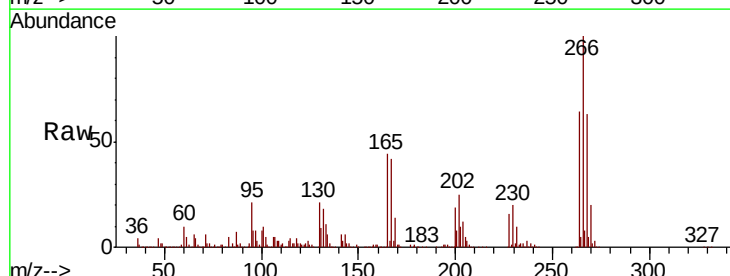


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

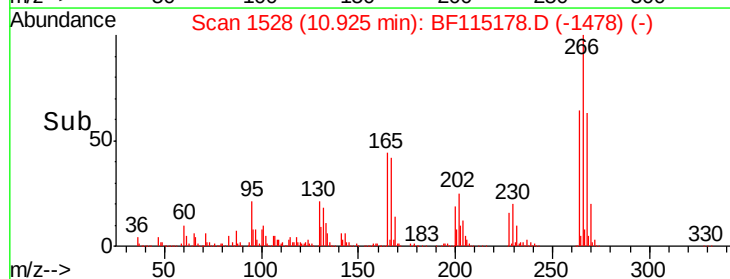
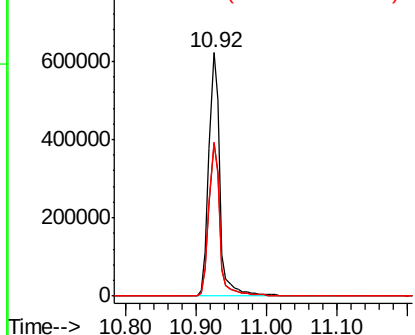


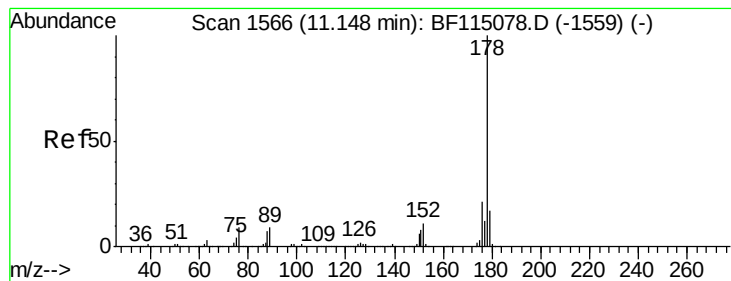
#70
 Pentachlorophenol
 Concen: 85.467 ng
 RT: 10.92 min Scan# 1528
 Delta R.T. -0.01 min
 Lab File: BF115178.D
 Acq: 25 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	49.5	74.3
264	63.5	49.3	73.9



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.893 ng

RT: 11.14 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

Instrument :

BNA_F

ClientSampleId :

PB120877BS

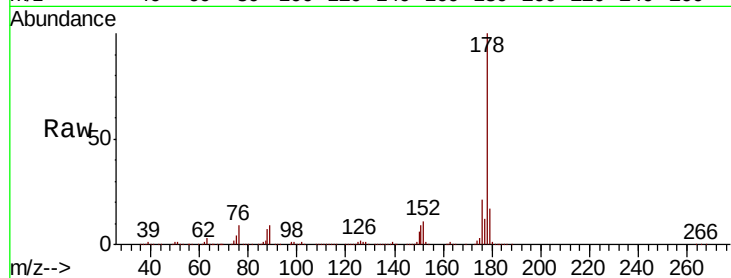
Tgt Ion:178 Resp: 2277861

Ion Ratio Lower Upper

178 100

176 21.4 16.9 25.3

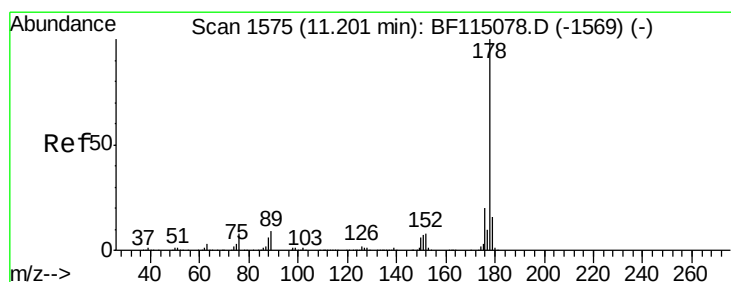
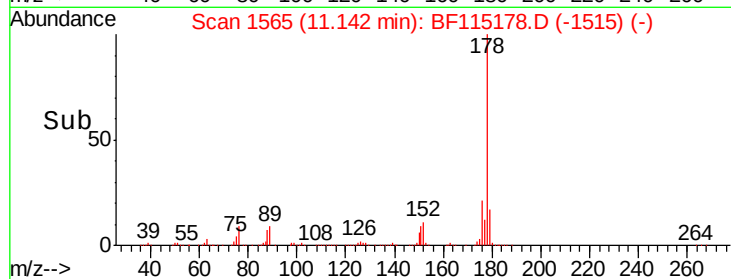
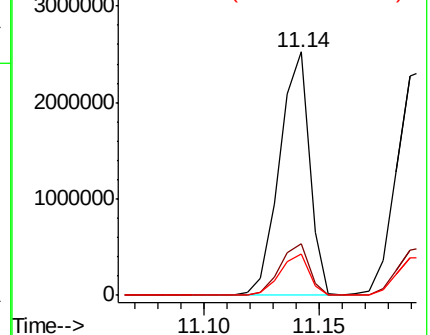
179 16.8 13.2 19.8



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: 40.969 ng

RT: 11.20 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

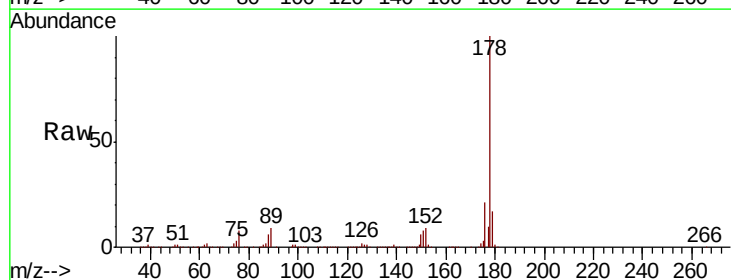
Tgt Ion:178 Resp: 2361336

Ion Ratio Lower Upper

178 100

176 20.7 16.1 24.1

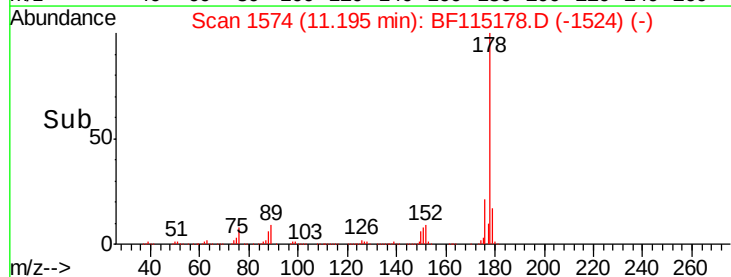
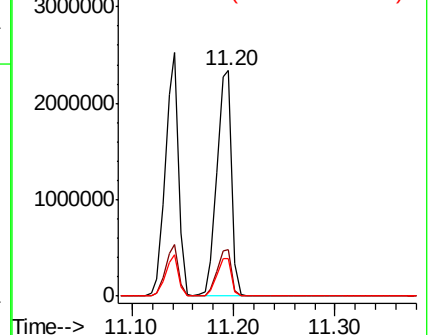
179 16.6 12.9 19.3

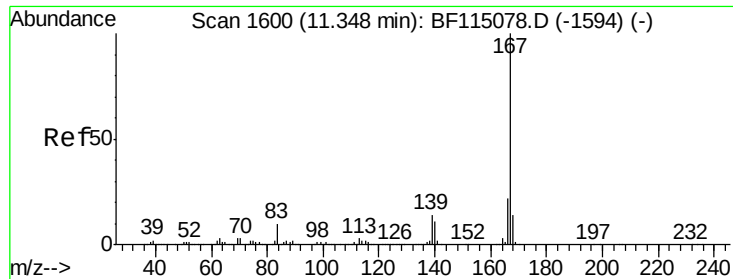


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.281 ng

RT: 11.34 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

Instrument :

BNA_F

ClientSampleId :

PB120877BS

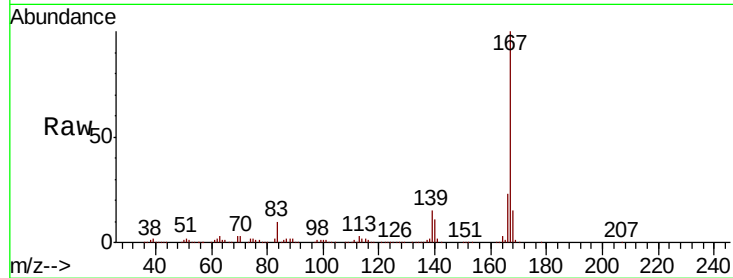
Tgt Ion:167 Resp: 2176101

Ion Ratio Lower Upper

167 100

166 23.5 18.0 27.0

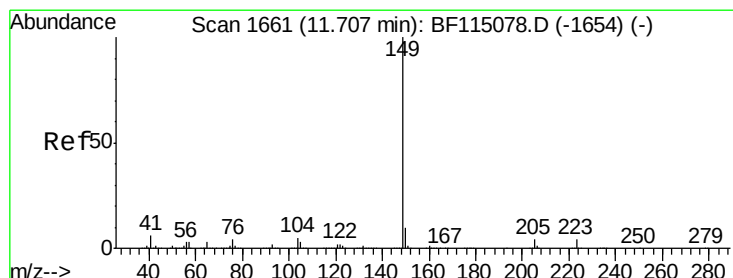
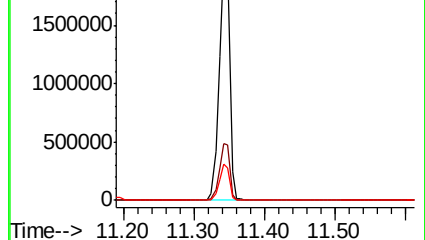
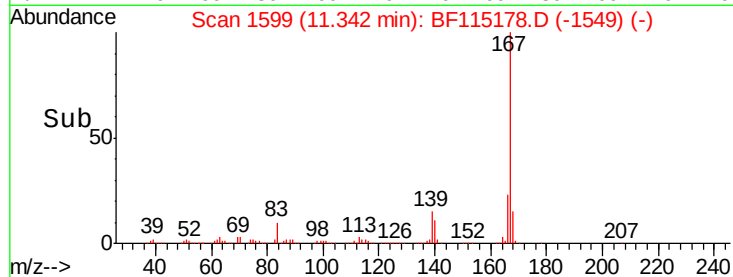
139 14.8 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.440 ng

RT: 11.70 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

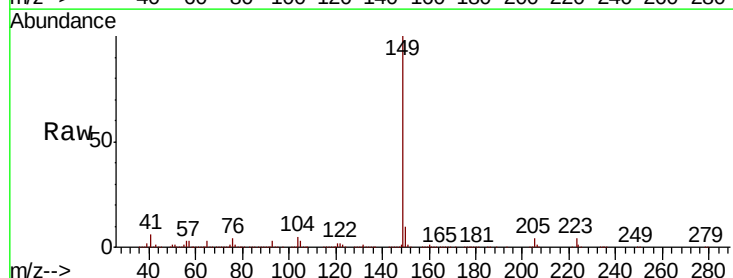
Tgt Ion:149 Resp: 2464624

Ion Ratio Lower Upper

149 100

150 10.3 7.8 11.8

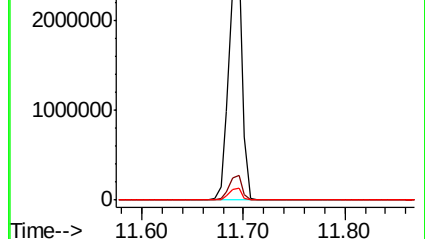
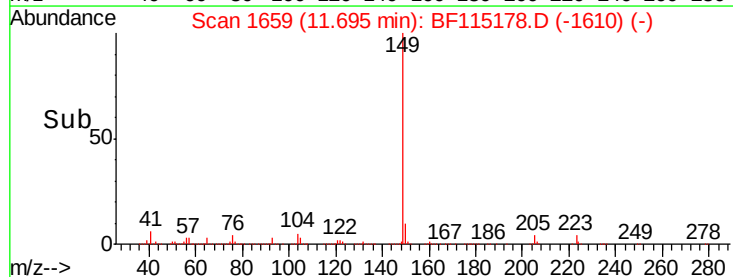
104 4.9 3.7 5.5

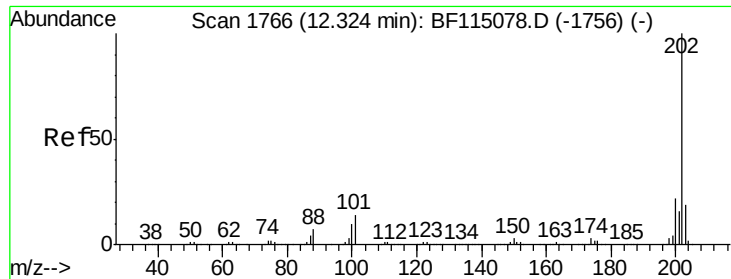


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

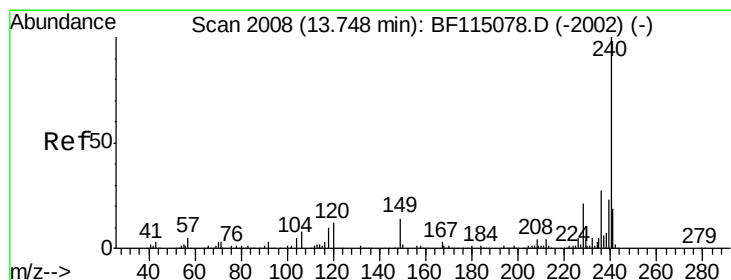
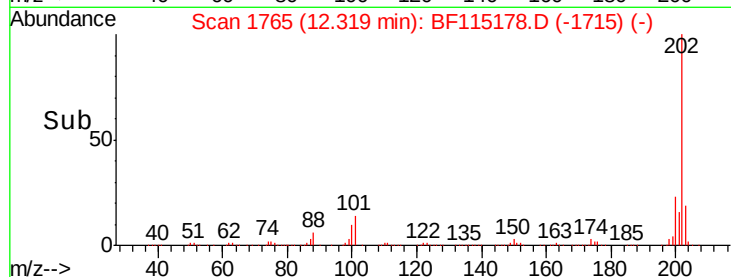
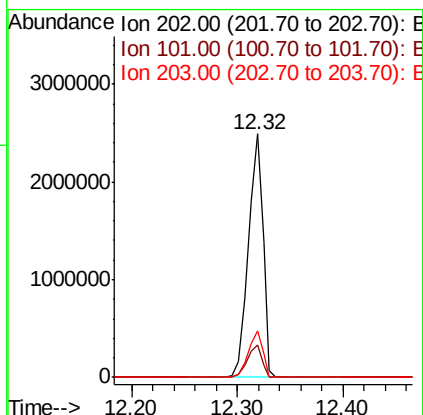
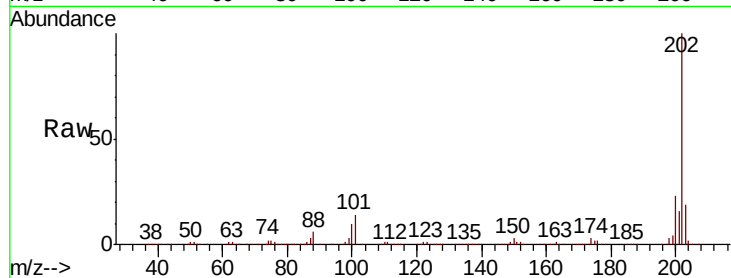




#75
 Fluoranthene
 Concen: 41.780 ng
 RT: 12.32 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BF115178.D
 Acq: 25 Jun 2019 9:44

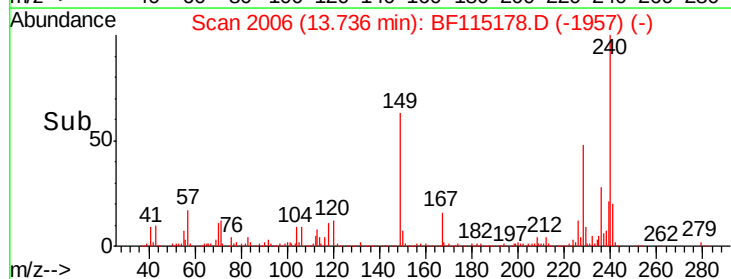
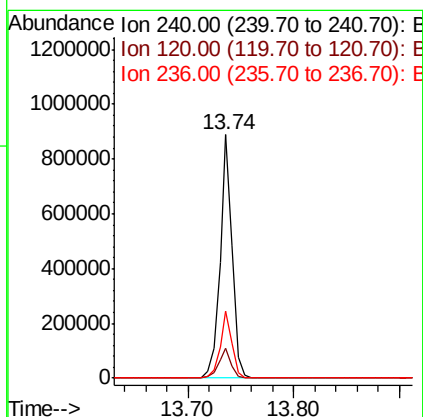
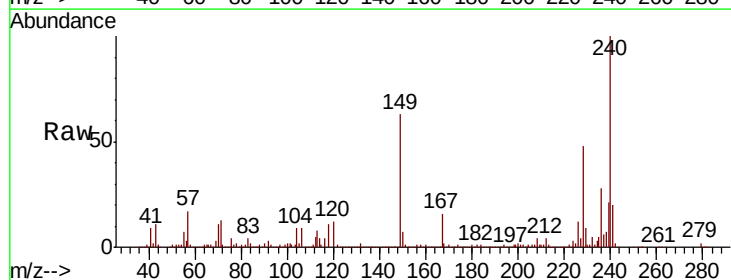
Instrument :
 BNA_F
 ClientSampleId :
 PB120877BS

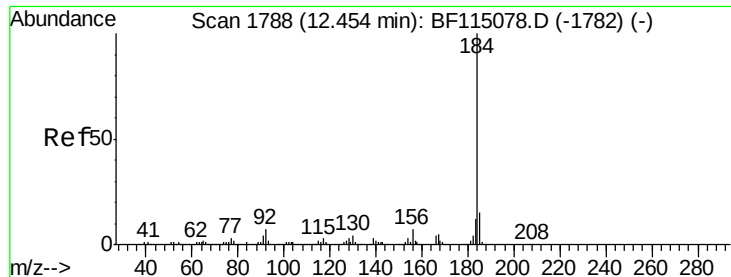
Tgt Ion: 202 Resp: 2380191
 Ion Ratio Lower Upper
 202 100
 101 13.6 0.0 34.0
 203 19.2 0.0 38.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.74 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF115178.D
 Acq: 25 Jun 2019 9:44

Tgt Ion: 240 Resp: 716126
 Ion Ratio Lower Upper
 240 100
 120 12.5 9.4 14.2
 236 27.6 21.7 32.5





#77

Benzidine

Concen: 26.297 ng

RT: 12.44 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

Instrument :

BNA_F

ClientSampleId :

PB120877BS

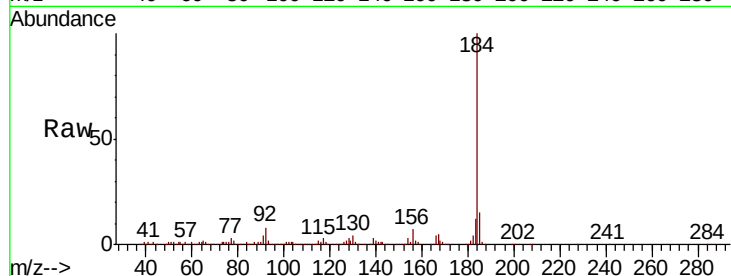
Tgt Ion:184 Resp: 836217

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.2

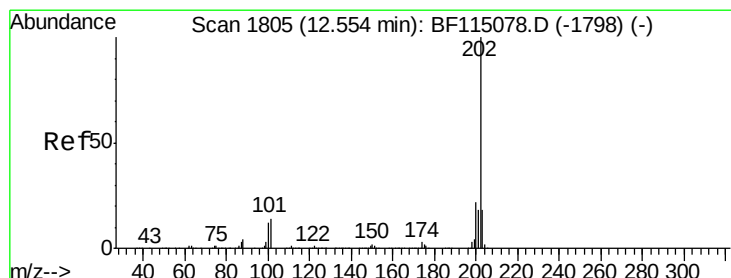
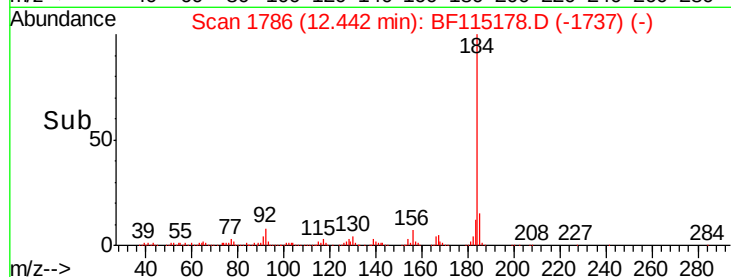
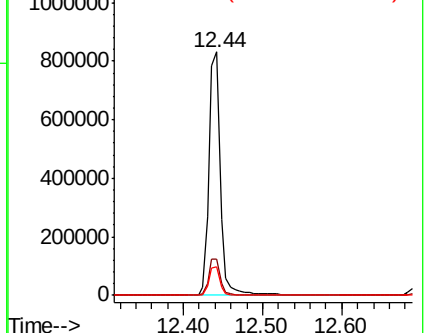
183 12.0 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.249 ng

RT: 12.54 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

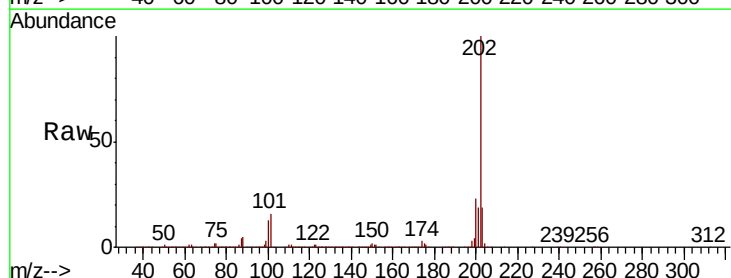
Tgt Ion:202 Resp: 2435213

Ion Ratio Lower Upper

202 100

200 23.3 17.9 26.9

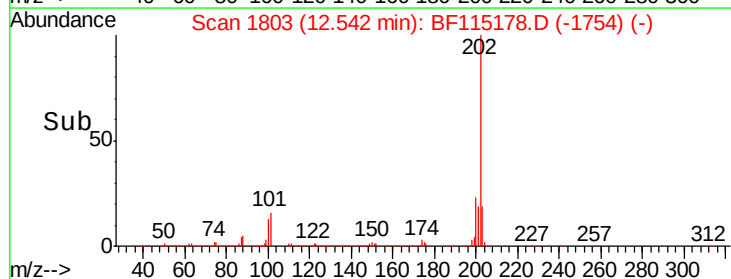
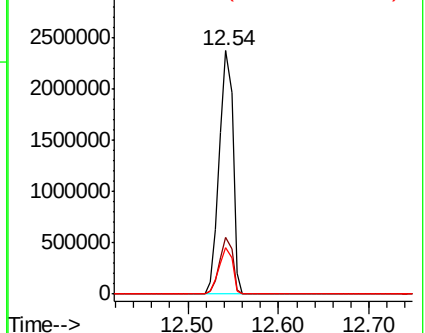
203 19.2 14.6 21.8

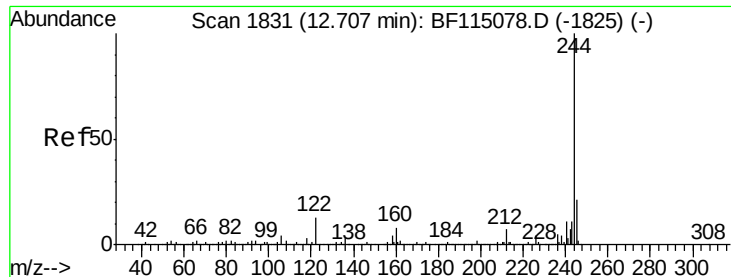


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.529 ng

RT: 12.70 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

Instrument :

BNA_F

ClientSampleId :

PB120877BS

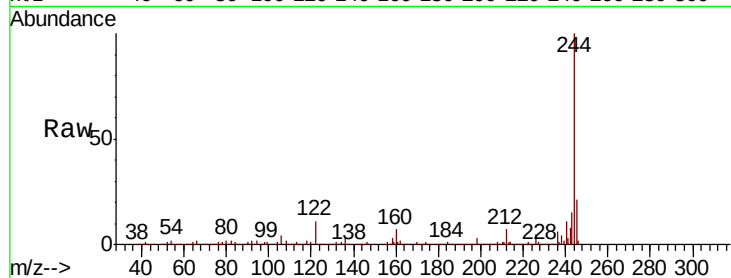
Tgt Ion:244 Resp: 2880767

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

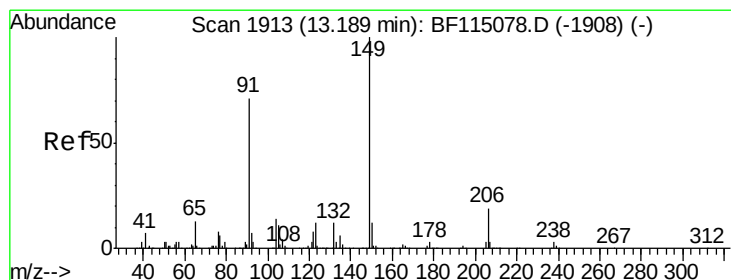
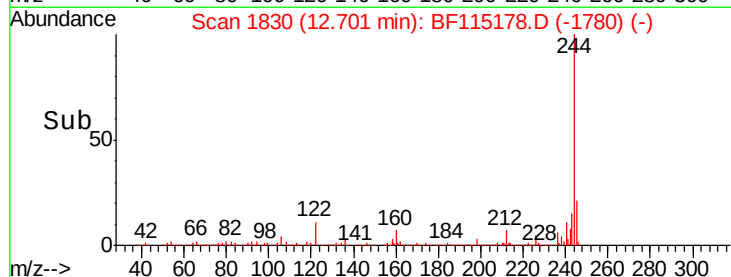
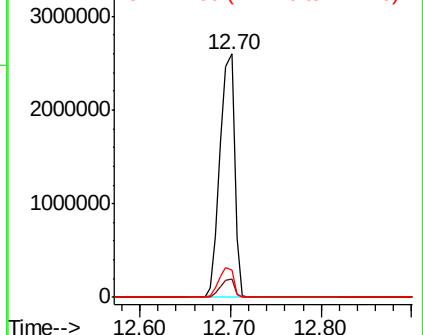
122 11.5 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.813 ng

RT: 13.18 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

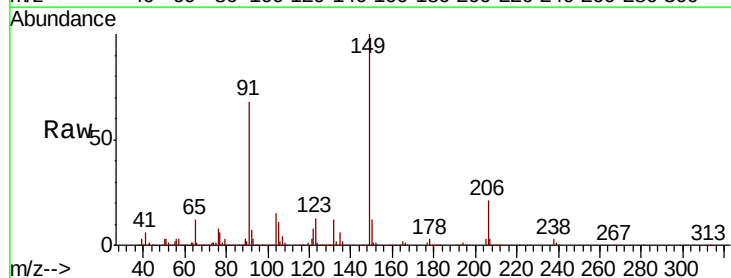
Tgt Ion:149 Resp: 1136955

Ion Ratio Lower Upper

149 100

91 68.1 56.5 84.7

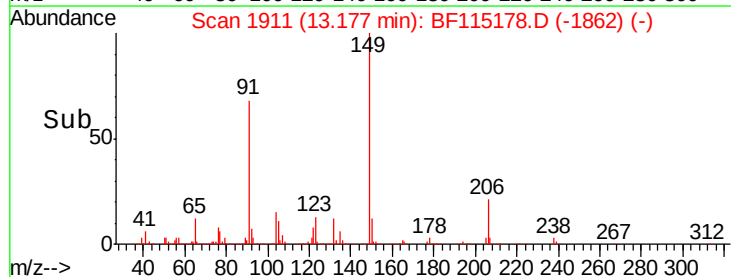
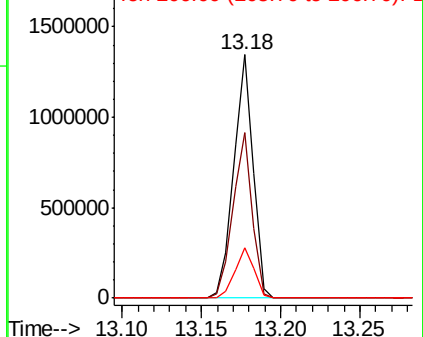
206 20.9 15.3 22.9

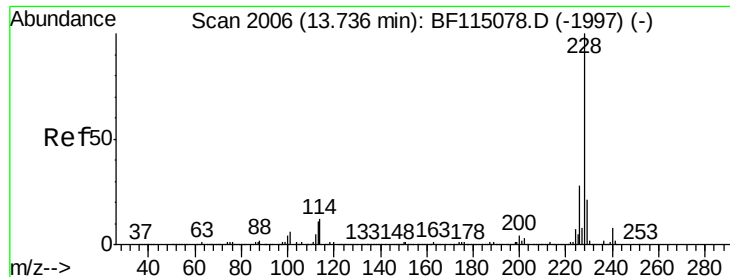


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.873 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

Instrument :

BNA_F

ClientSampleId :

PB120877BS

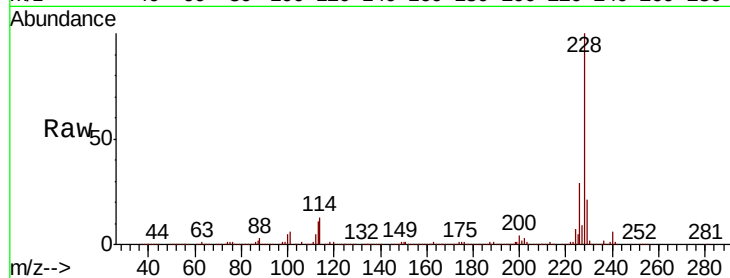
Tgt Ion:228 Resp: 2254401

Ion Ratio Lower Upper

228 100

226 28.8 22.5 33.7

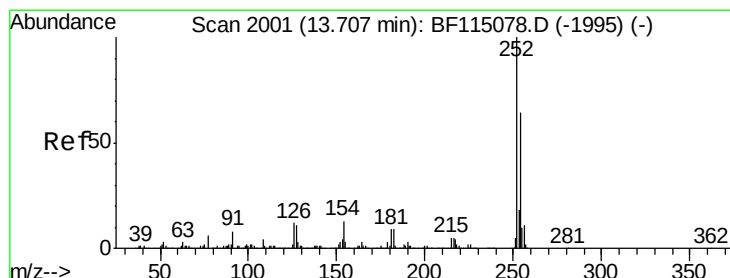
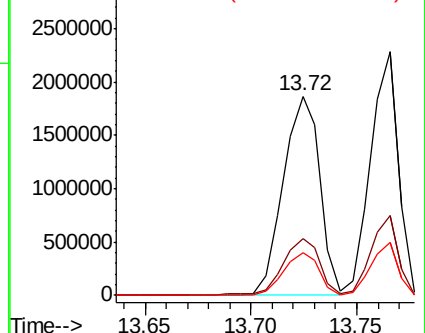
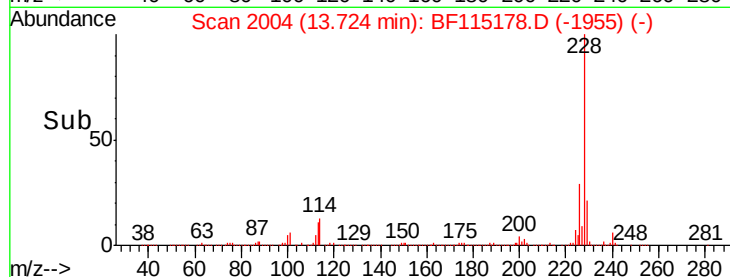
229 21.2 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.390 ng

RT: 13.69 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

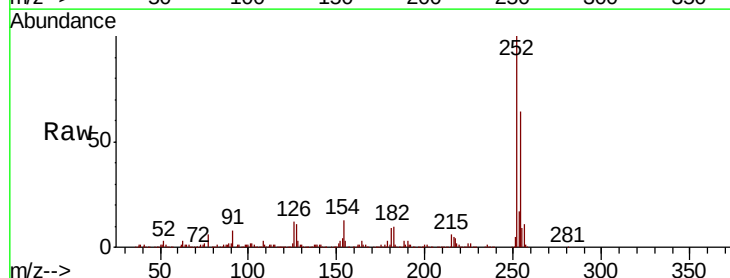
Tgt Ion:252 Resp: 730904

Ion Ratio Lower Upper

252 100

254 64.5 51.1 76.7

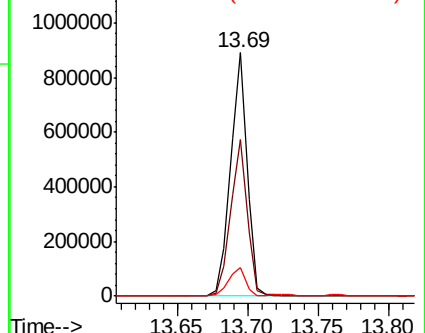
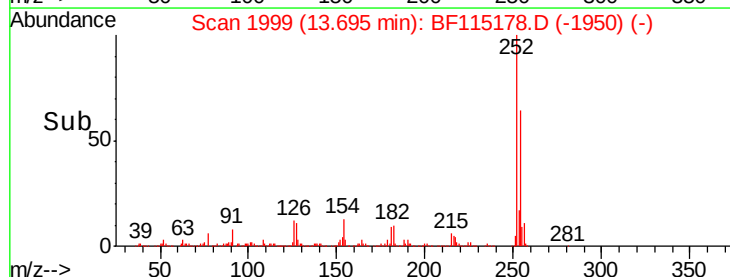
126 11.6 9.4 14.0

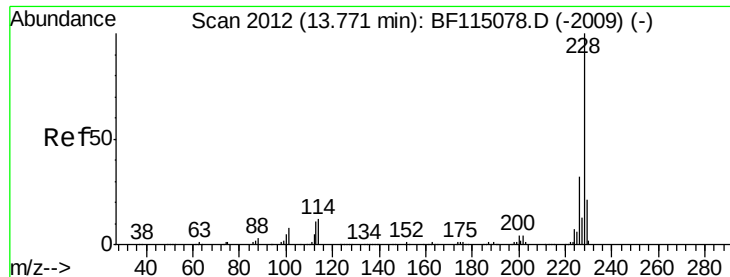


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

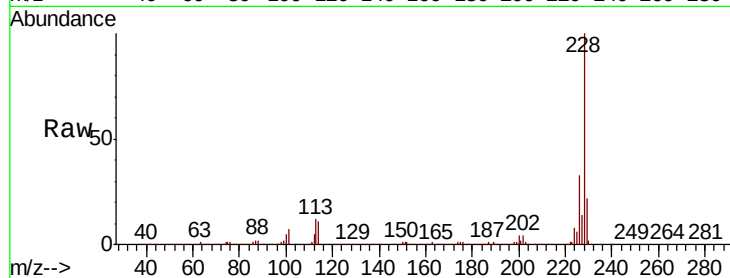




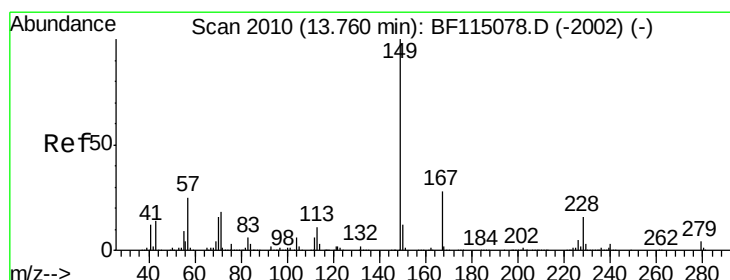
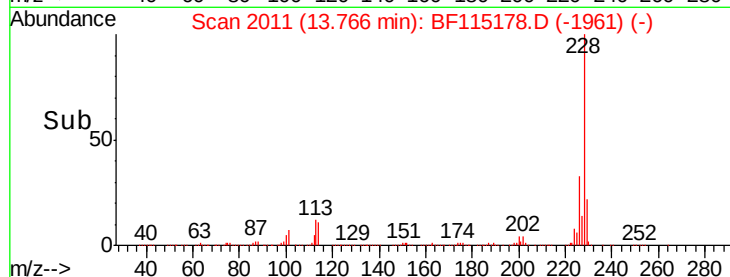
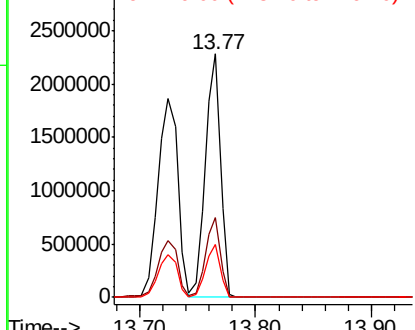
#83
Chrysene
Concen: 44.694 ng
RT: 13.77 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampleId :
PB120877BS

Tgt Ion:228 Resp: 2103701
Ion Ratio Lower Upper
228 100
226 32.8 25.4 38.0
229 21.6 16.5 24.7

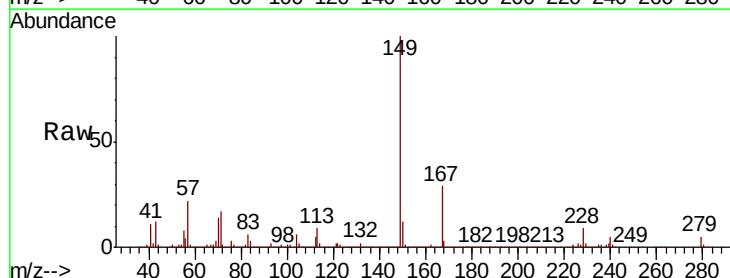


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

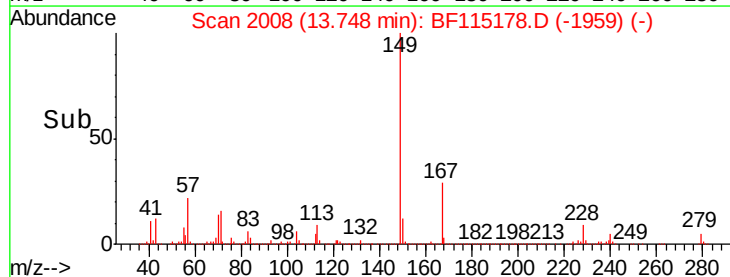
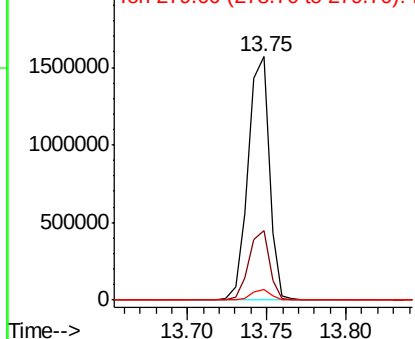


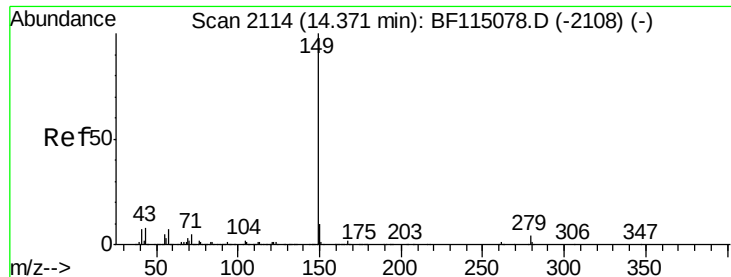
#84
Bis(2-ethylhexyl)phthalate
Concen: 45.816 ng
RT: 13.75 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion:149 Resp: 1458043
Ion Ratio Lower Upper
149 100
167 28.8 22.2 33.4
279 4.6 2.9 4.3#



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: 47.136 ng

RT: 14.35 min Scan# 2111

Delta R.T. -0.02 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

Instrument :

BNA_F

ClientSampleId :

PB120877BS

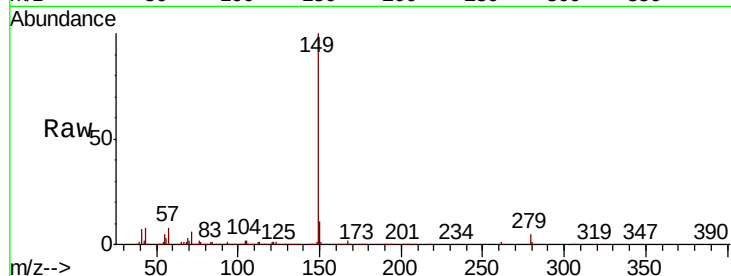
Tgt Ion:149 Resp: 2520347

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

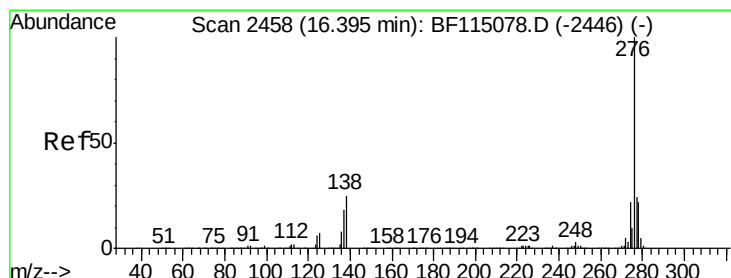
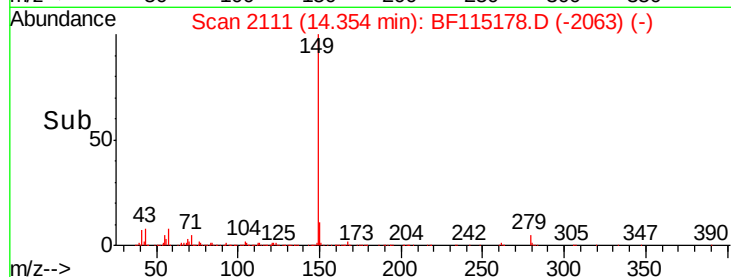
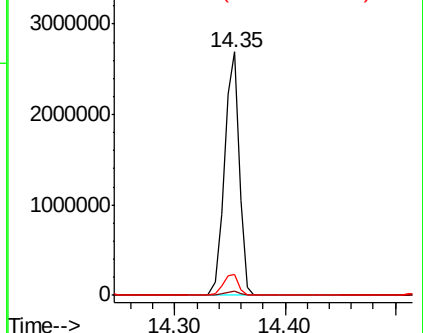
43 8.7 7.0 10.6



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: 46.999 ng

RT: 16.38 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

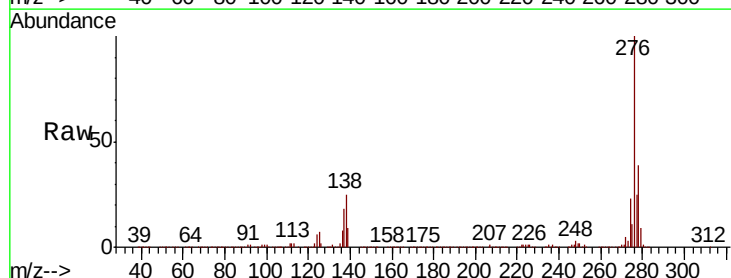
Tgt Ion:276 Resp: 2617693

Ion Ratio Lower Upper

276 100

138 28.1 23.2 34.8

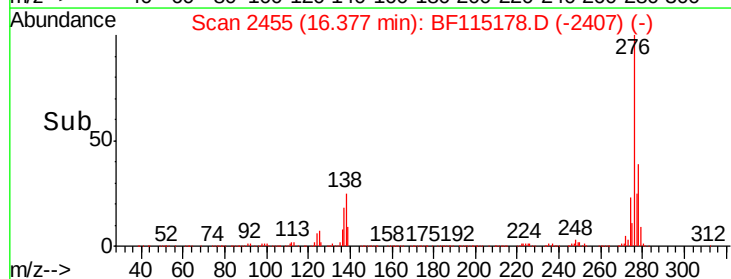
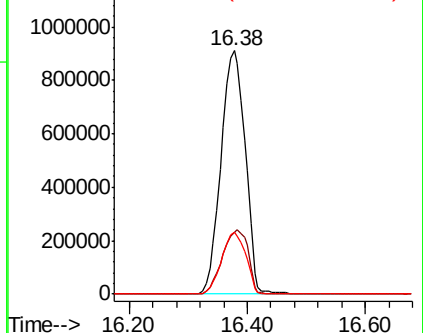
277 25.5 20.1 30.1

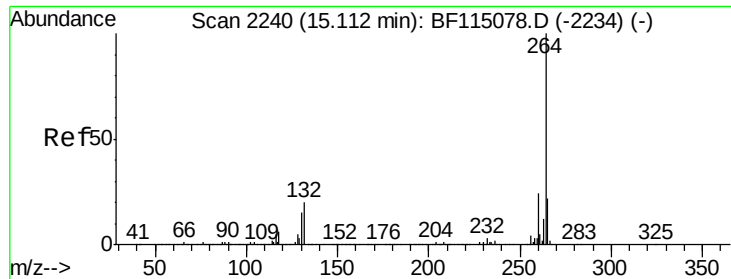


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



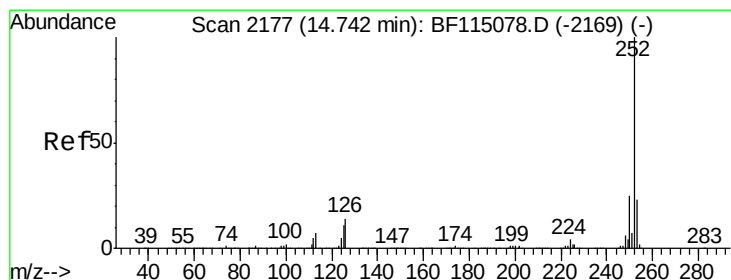
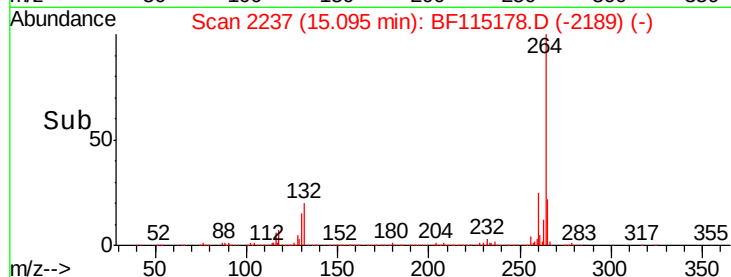
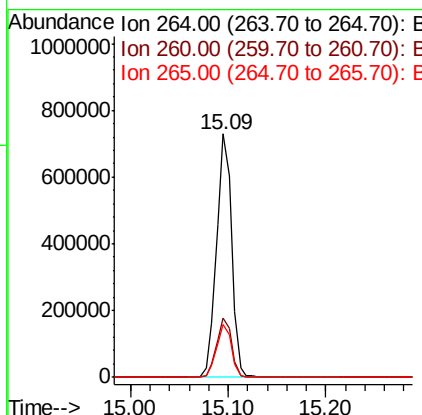
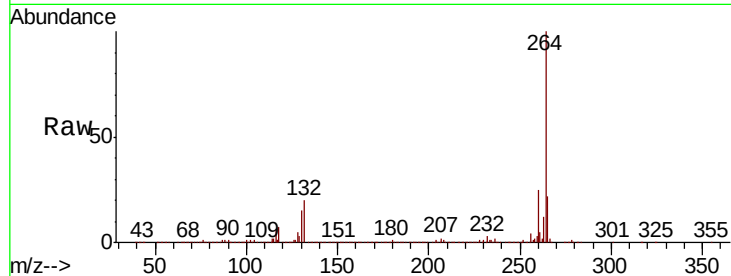


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Instrument :
BNA_F
ClientSampleId :
PB120877BS

Tgt Ion: 264 Resp: 785761

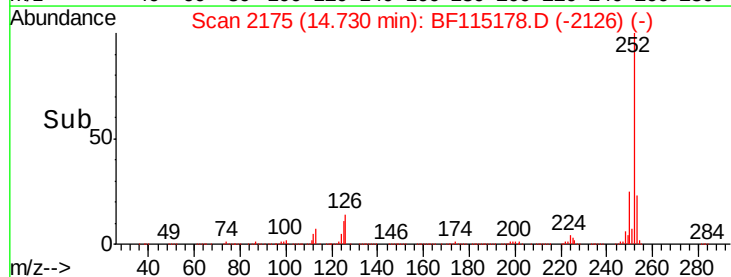
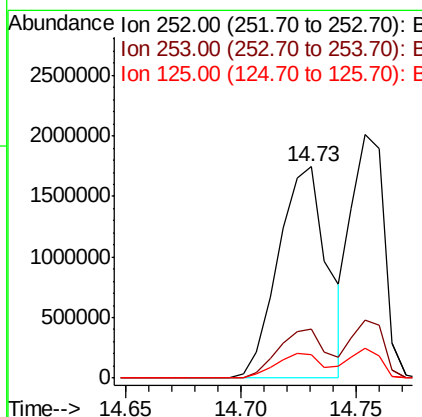
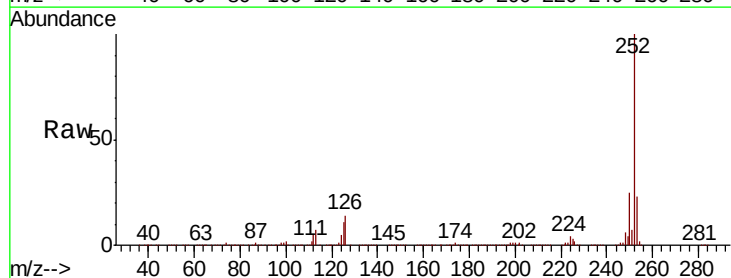
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	21.9	17.3	25.9

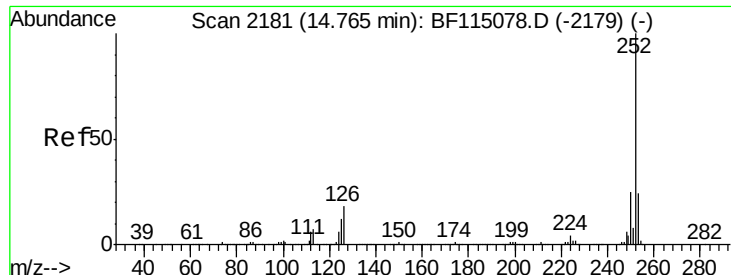


#88
Benzo(b)fluoranthene
Concen: 52.490 ng
RT: 14.73 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion: 252 Resp: 2573519

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	10.9	8.7	13.1

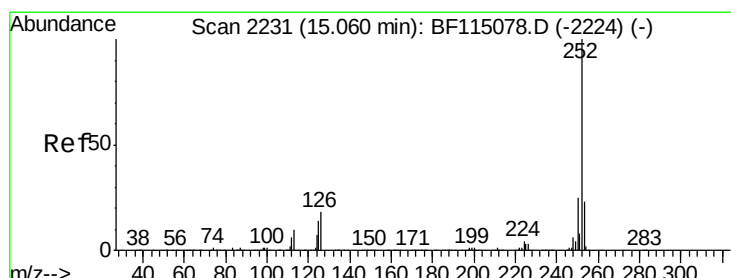
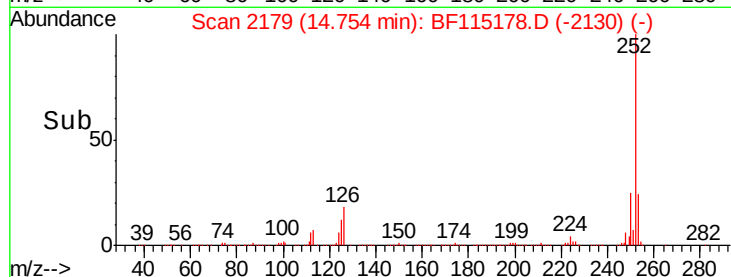
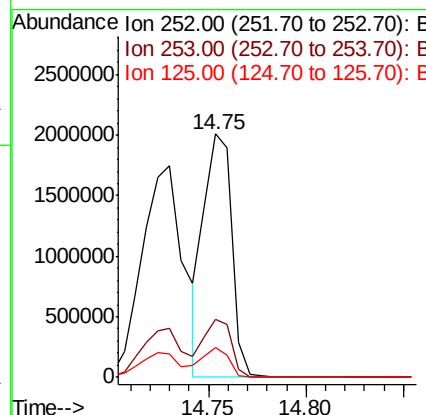
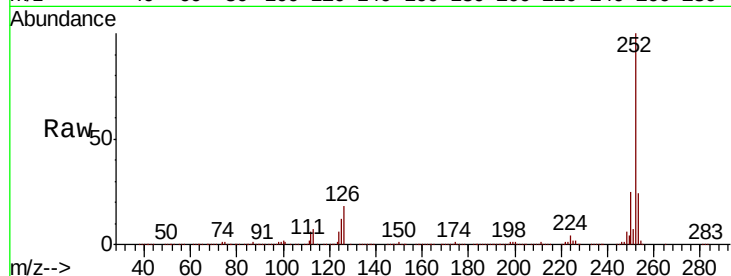




#89
Benzo(k)fluoranthene
Concen: 45.294 ng
RT: 14.75 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

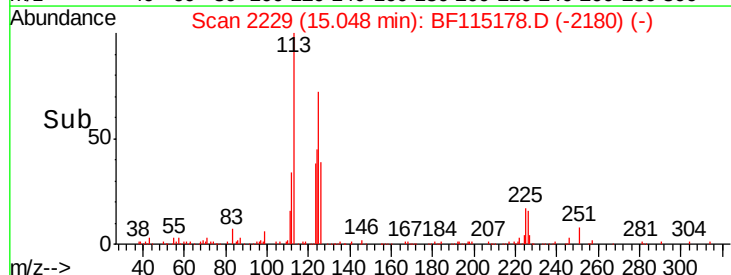
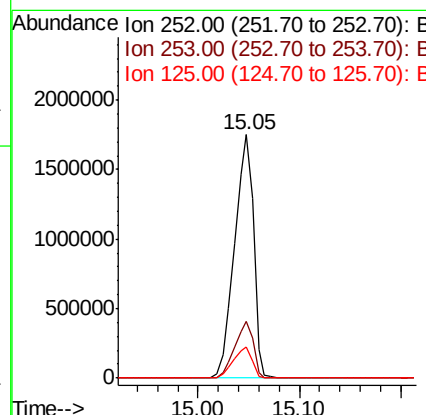
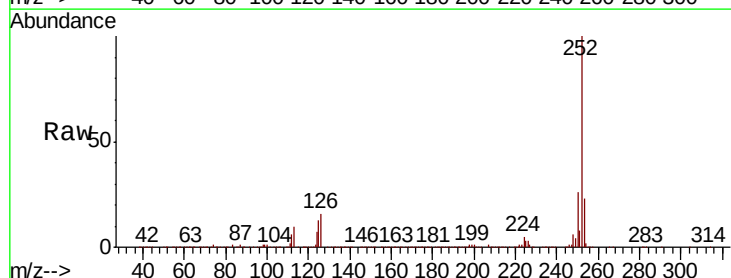
Instrument :
BNA_F
ClientSampleId :
PB120877BS

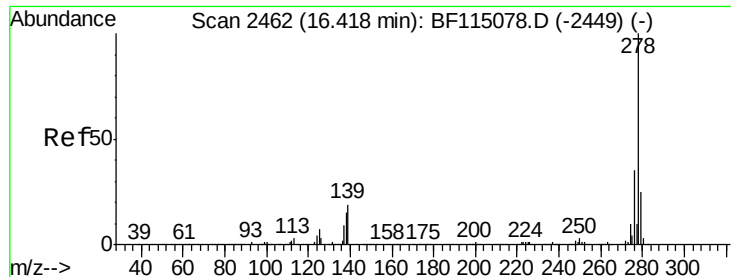
Tgt Ion:252 Resp: 1991525
Ion Ratio Lower Upper
252 100
253 23.6 18.9 28.3
125 12.4 10.2 15.2



#90
Benzo(a)pyrene
Concen: 51.494 ng
RT: 15.05 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF115178.D
Acq: 25 Jun 2019 9:44

Tgt Ion:252 Resp: 2275550
Ion Ratio Lower Upper
252 100
253 23.3 18.3 27.5
125 12.8 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 51.683 ng

RT: 16.40 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

Instrument :

BNA_F

ClientSampleId :

PB120877BS

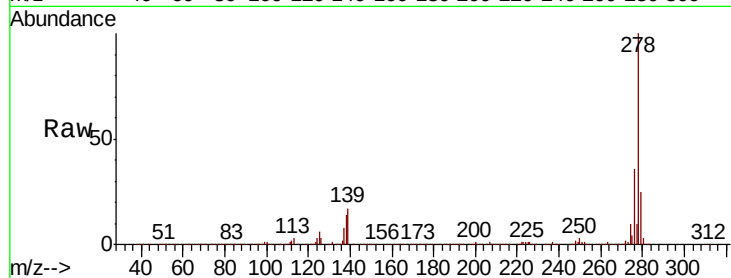
Tgt Ion:278 Resp: 2132177

Ion Ratio Lower Upper

278 100

139 17.3 15.4 23.2

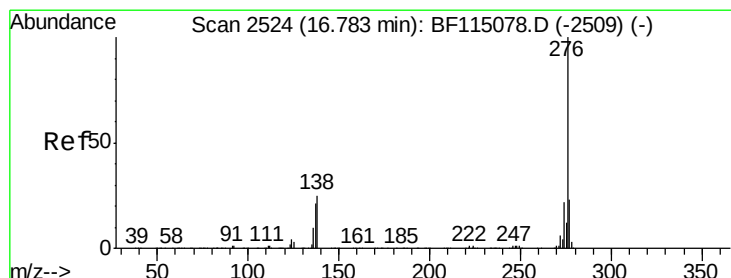
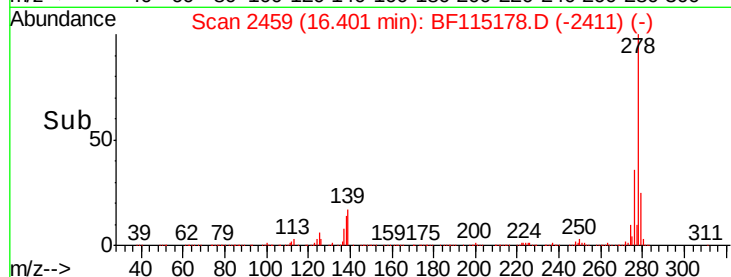
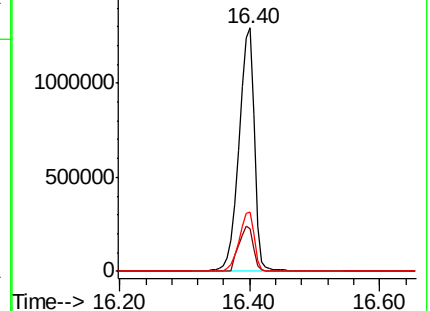
279 24.6 19.9 29.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 52.908 ng

RT: 16.76 min Scan# 2520

Delta R.T. -0.02 min

Lab File: BF115178.D

Acq: 25 Jun 2019 9:44

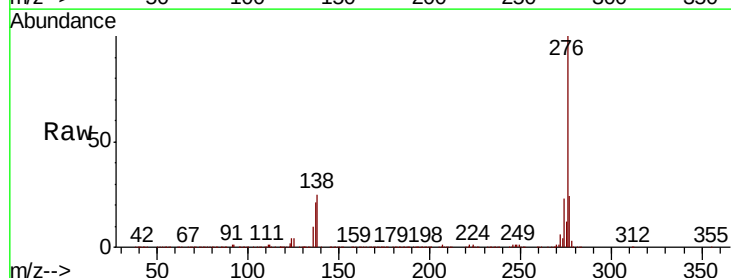
Tgt Ion:276 Resp: 2209156

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 25.0 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

