

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
 Data File : BF115164.D
 Acq On : 24 Jun 2019 23:01
 Operator : HP/JU
 Sample : K3482-05MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Quant Time: Jun 25 07:43:51 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	6.64	152	212335	20.00	ng	0.02
21) Naphthalene-d8	7.92	136	532927	20.00	ng	0.02
39) Acenaphthene-d10	9.64	164	562111	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1136074	20.00	ng	0.00
76) Chrysene-d12	13.74	240	710330	20.00	ng	-0.01
87) Perylene-d12	15.09	264	696137	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1330557	96.70	ng	0.01
7) Phenol-d6	6.26	99	1577716	94.47	ng	0.00
23) Nitrobenzene-d5	7.19	82	468821	54.12	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	542602	91.54	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2041859	61.70	ng	0.00
79) Terphenyl-d14	12.70	244	2415532	72.30	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	298584	45.980	ng	99
3) Pyridine	2.91	79	779729	42.601	ng	98
4) n-Nitrosodimethylamine	2.85	42	350761	48.885	ng	98
6) Aniline	6.28	93	326454	14.223	ng	# 61
8) 2-Chlorophenol	6.42	128	366126	23.664	ng	99
9) Benzaldehyde	6.17	77	317311	29.122	ng	82
10) Phenol	6.28	94	746119	38.139	ng	98
11) bis(2-Chloroethyl)ether	6.37	93	566037	39.252	ng	# 81
12) 1,3-Dichlorobenzene	6.58	146	632467	36.833	ng	97
13) 1,4-Dichlorobenzene	6.65	146	489366	28.421	ng	# 79
14) 1,2-Dichlorobenzene	6.81	146	331875	20.813	ng	# 39
15) Benzyl Alcohol	6.78	79	655039	53.864	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	6.92	45	431300	20.621	ng	# 19
17) 2-Methylphenol	6.89	107	427348	33.463	ng	# 79
18) Hexachloroethane	7.15	117	233710	37.649	ng	98
19) n-Nitroso-di-n-propylamine	7.05	70	103172	9.649	ng	# 85
20) 3+4-Methylphenols	7.04	107	367806	24.942	ng	# 76
22) Acetophenone	7.05	105	522009	42.786	ng	# 87
24) Nitrobenzene	7.21	77	571830	59.914	ng	# 87
25) Isophorone	7.46	82	892660	50.299	ng	# 51
26) 2-Nitrophenol	7.53	139	244025	51.773	ng	# 1
27) 2,4-Dimethylphenol	7.58	122	322838	41.834	ng	85
28) bis(2-Chloroethoxy)methane	7.67	93	415165	37.012	ng	# 49
29) 2,4-Dichlorophenol	7.78	162	452169	56.777	ng	91
30) 1,2,4-Trichlorobenzene	7.87	180	486301	55.281	ng	99
31) Naphthalene	7.94	128	1543958	59.020	ng	# 95
32) Benzoic acid	7.73	122	71623	13.002	ng	# 30
33) 4-Chloroaniline	7.98	127	219431	18.354	ng	# 11
34) Hexachlorobutadiene	8.07	225	291697	60.509	ng	99
35) Caprolactam	8.37	113	340181	127.049	ng	# 34
36) 4-Chloro-3-methylphenol	8.46	107	565701	70.140	ng	93
37) 2-Methylnaphthalene	8.62	142	1208254	68.501	ng	97
38) 1-Methylnaphthalene	8.72	142	1932016	114.687	ng	# 99
40) 1,2,4,5-Tetrachlorobenzene	8.79	216	554127	34.885	ng	# 97

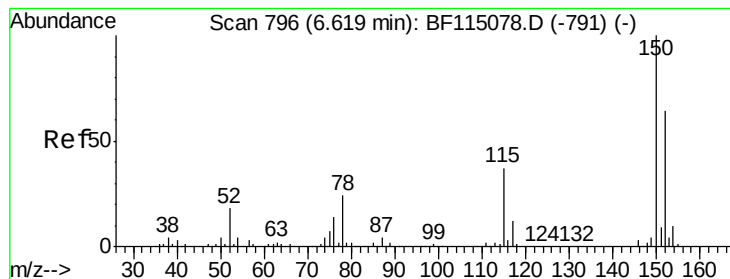
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.78	237	630525	66.943	nq	99
43) 2,4,6-Trichlorophenol	8.89	196	452366	36.888	nq	100
44) 2,4,5-Trichlorophenol	8.92	196	476848	37.759	nq	# 91
46) 1,1'-Biphenyl	9.08	154	1692527	37.631	nq	99
47) 2-Chloronaphthalene	9.10	162	1329465	36.440	nq	98
48) 2-Nitroaniline	9.19	65	396322	37.261	nq	91
49) Acenaphthylene	9.51	152	2160585	38.010	nq	98
50) Dimethylphthalate	9.38	163	2047784	49.516	nq	100
51) 2,6-Dinitrotoluene	9.43	165	392410	41.100	nq	98
52) Acenaphthene	9.68	154	1418502	39.881	nq	99
53) 3-Nitroaniline	9.59	138	201961	17.334	nq	99
54) 2,4-Dinitrophenol	9.70	184	225642	49.056	nq	89
55) Dibenzofuran	9.85	168	1939820	37.998	nq	97
56) 4-Nitrophenol	9.76	139	745705	79.832	nq	96
57) 2,4-Dinitrotoluene	9.83	165	529442	42.946	nq	# 96
58) Fluorene	10.19	166	1374640	39.662	nq	99
59) 2,3,4,6-Tetrachlorophenol	9.97	232	424940	40.128	nq	# 99
60) Diethylphthalate	10.08	149	1632044	39.259	nq	99
61) 4-Chlorophenyl-phenylether	10.18	204	647685	39.226	nq	96
62) 4-Nitroaniline	10.20	138	419845	35.919	nq	98
63) Azobenzene	10.34	77	1497689	38.572	nq	99
65) 4,6-Dinitro-2-methylphenol	10.23	198	185689	32.504	nq	79
66) n-Nitrosodiphenylamine	10.30	169	1401189	39.588	nq	98
67) 4-Bromophenyl-phenylether	10.67	248	481297	39.075	nq	97
68) Hexachlorobenzene	10.73	284	514835	38.507	nq	93
69) Atrazine	10.83	200	459305	40.341	nq	99
70) Pentachlorophenol	10.92	266	570932	67.031	nq	98
71) Phenanthrene	11.14	178	2336887	38.204	nq	99
72) Anthracene	11.19	178	2349261	38.048	nq	98
73) Carbazole	11.34	167	2134563	38.715	nq	98
74) Di-n-butylphthalate	11.69	149	2471563	38.792	nq	98
75) Fluoranthene	12.32	202	2473043	40.522	nq	98
77) Benzidine	12.44	184	585135	18.551	nq	99
78) Pyrene	12.54	202	2597169	47.577	nq	98
80) Butylbenzylphthalate	13.18	149	1127557	46.804	nq	95
81) Benzo(a)anthracene	13.72	228	2129166	41.774	nq	99
82) 3,3'-Dichlorobenzidine	13.69	252	404176	21.959	nq	99
83) Chrysene	13.76	228	1942194	41.599	nq	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	1468277	46.514	nq	100
85) Di-n-octyl phthalate	14.35	149	2344276	44.201	nq	99
86) Indeno(1,2,3-cd)pyrene	16.37	276	2025939	36.671	nq	99
88) Benzo(b)fluoranthene	14.72	252	1924685	44.310	nq	99
89) Benzo(k)fluoranthene	14.75	252	1564440	40.162	nq	100
90) Benzo(a)pyrene	15.04	252	1695640	43.311	nq	99
91) Dibenzo(a,h)anthracene	16.38	278	1605099	43.916	nq	99
92) Benzo(g,h,i)perylene	16.75	276	1755093	47.445	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.64 min Scan# 799

Delta R.T. 0.02 min

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TP-3MSD

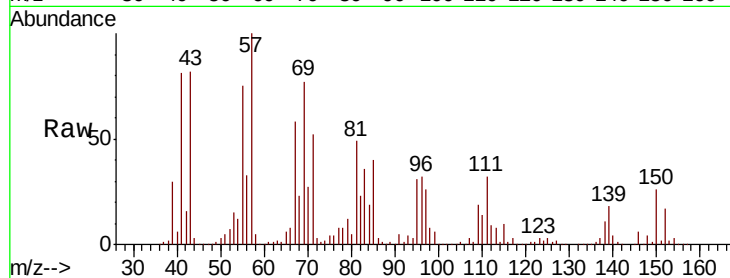
Tot Ion:152 Resp: 212335

Ion Ratio Lower Upper

152 100

150 152.0 124.2 186.2

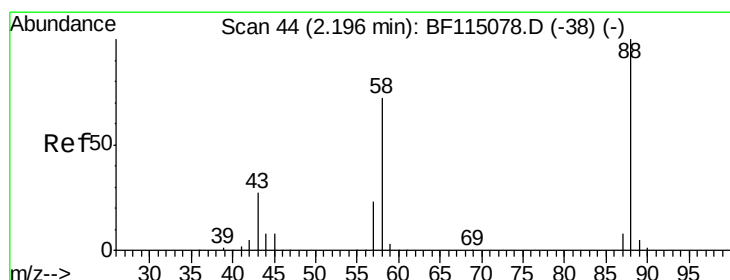
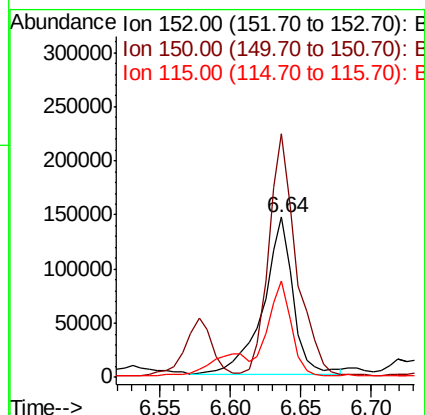
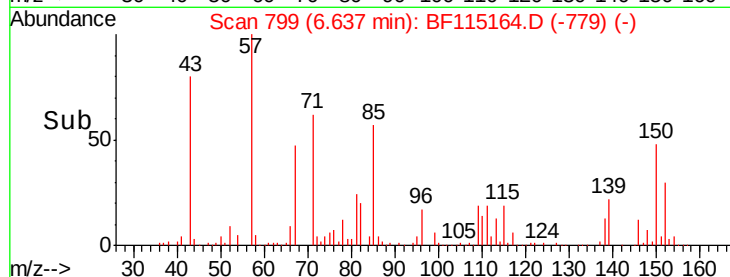
115 60.2 46.1 69.1



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: 45.980 ng

RT: 2.25 min Scan# 53

Delta R.T. 0.05 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

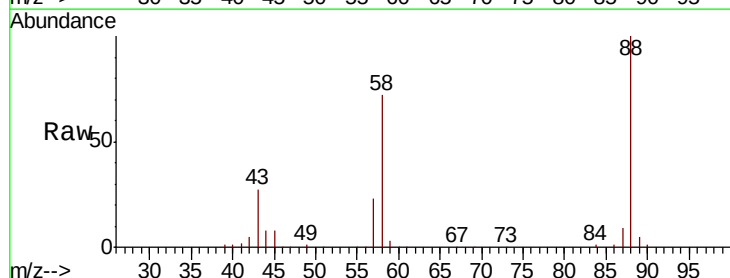
Tgt Ion: 88 Resp: 298584

Ion Ratio Lower Upper

88 100

58 69.2 56.1 84.1

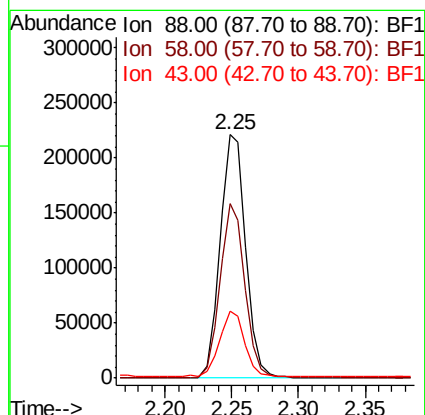
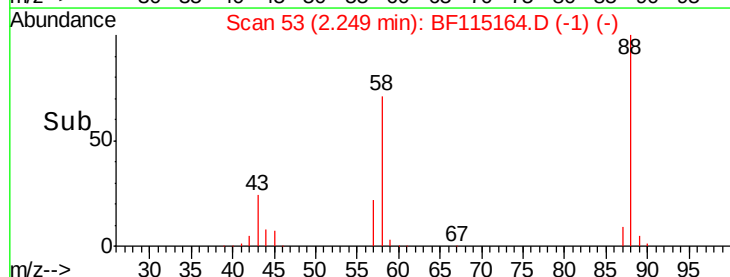
43 26.9 21.3 31.9

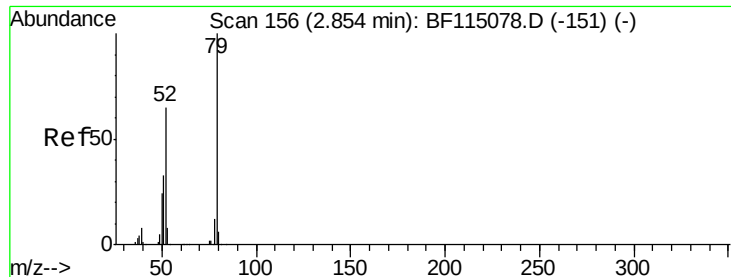


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 42.601 ng

RT: 2.91 min Scan# 165

Delta R.T. 0.05 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

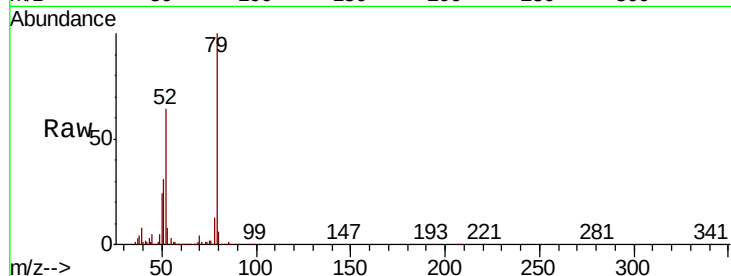
Tot Ion: 79 Resp: 779729

Ion Ratio Lower Upper

79 100

52 64.4 52.3 78.5

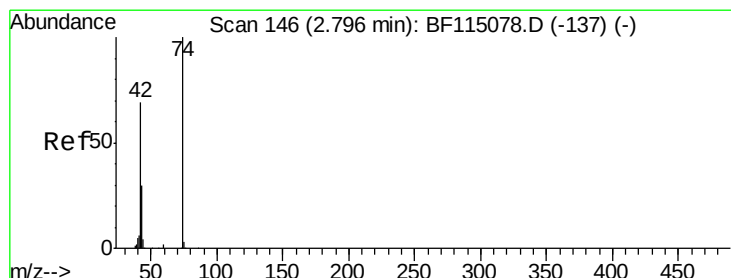
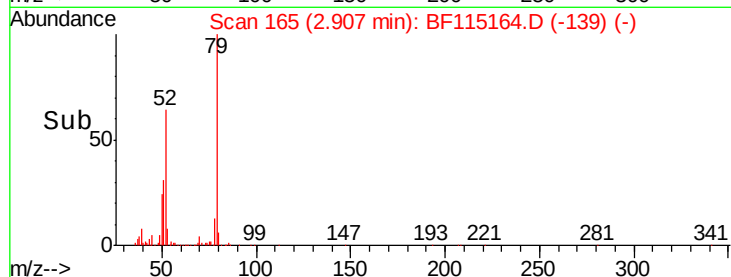
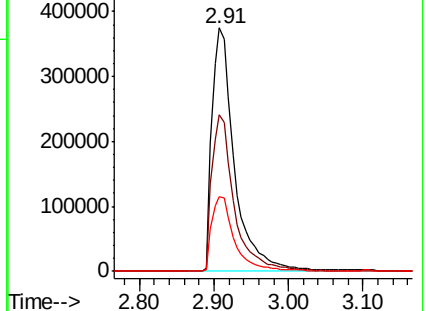
51 30.8 26.1 39.1



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: 48.885 ng

RT: 2.85 min Scan# 155

Delta R.T. 0.05 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

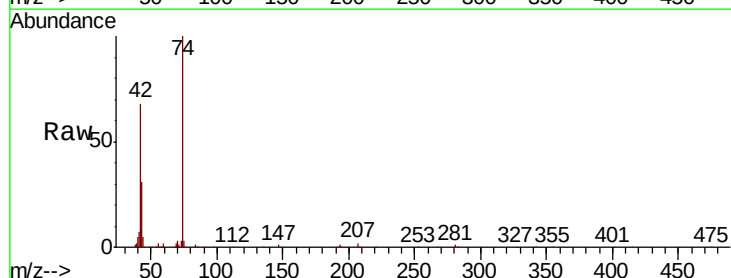
Tgt Ion: 42 Resp: 350761

Ion Ratio Lower Upper

42 100

74 147.8 116.6 175.0

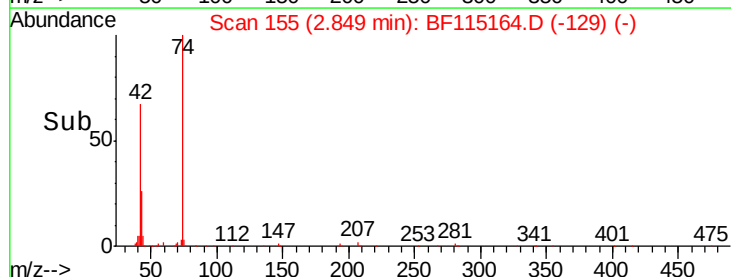
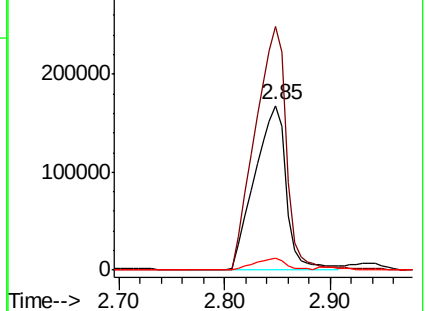
44 7.1 5.3 7.9

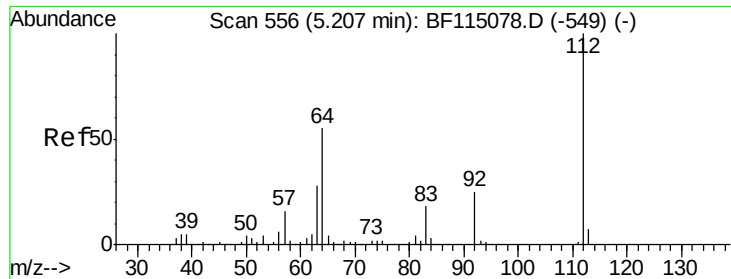


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 96.700 ng

RT: 5.22 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

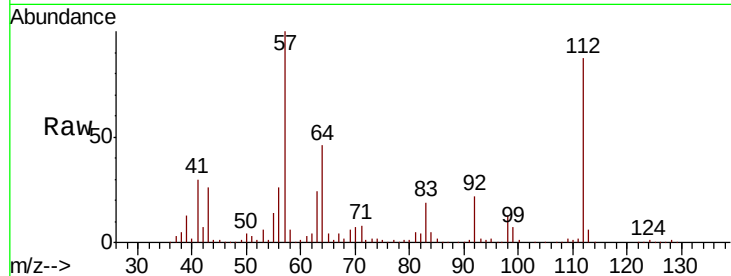
Tot Ion:112 Resp: 1330557

Ion Ratio Lower Upper

112 100

64 52.7 43.8 65.6

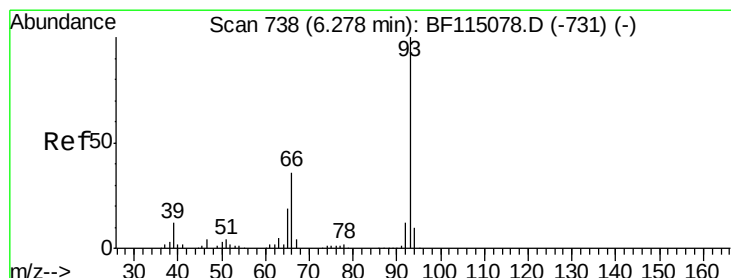
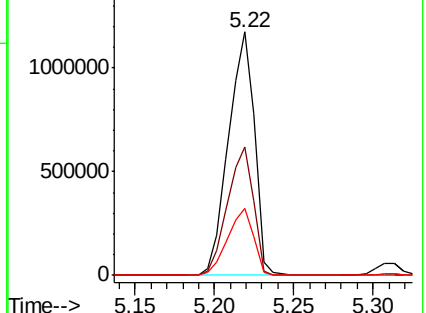
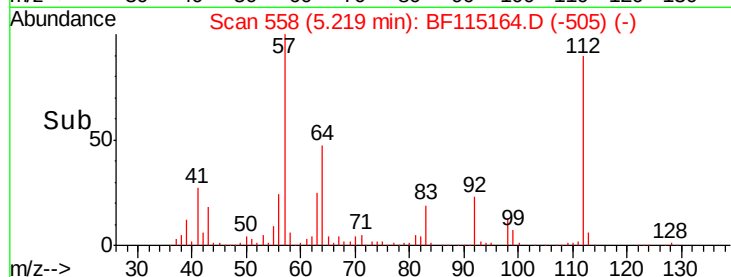
63 27.7 22.2 33.4



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: 14.223 ng

RT: 6.28 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

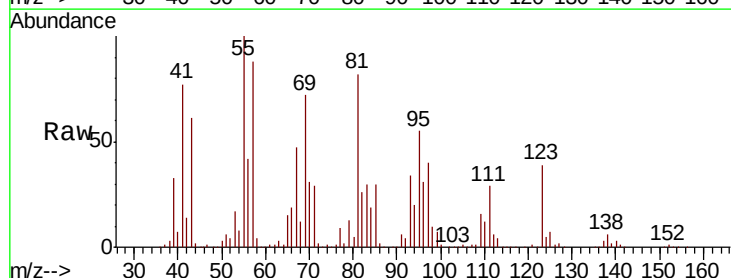
Tgt Ion: 93 Resp: 326454

Ion Ratio Lower Upper

93 100

66 56.2 30.0 45.0#

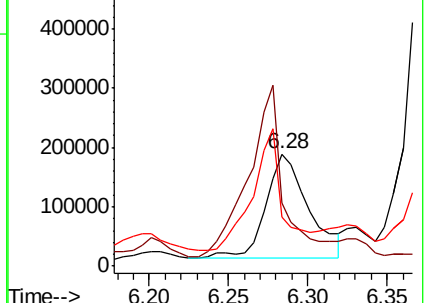
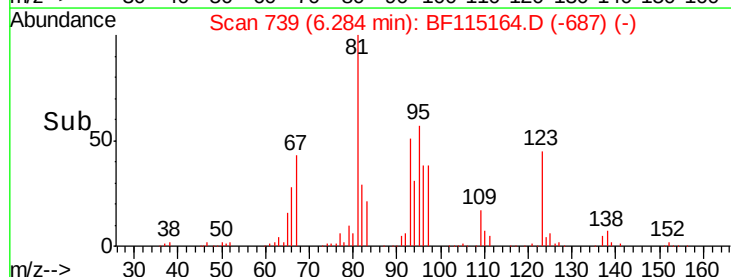
65 43.8 15.6 23.4#

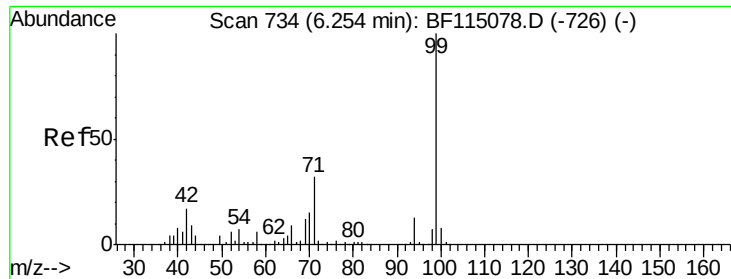


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 94.469 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

Instrument :

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ClientSampled :

TP-3MSD

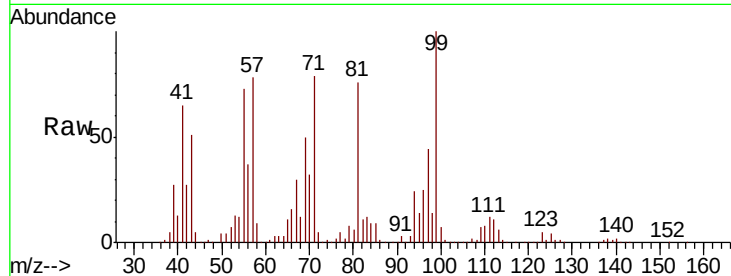
Tot Ion: 99 Resp: 1577716

Ion Ratio Lower Upper

99 100

42 27.5 13.6 20.4#

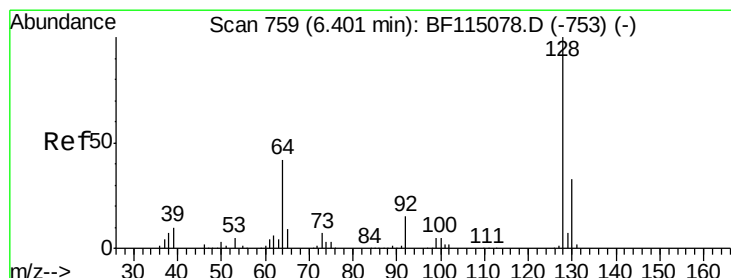
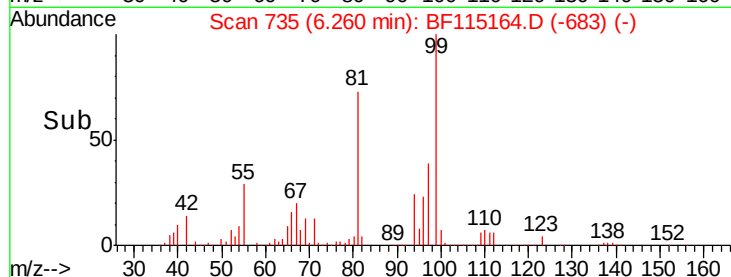
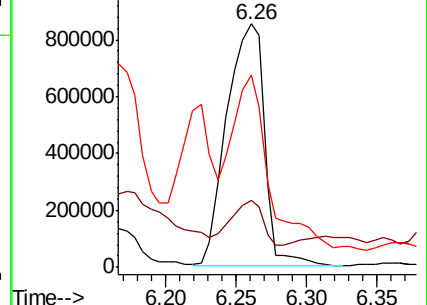
71 79.2 25.5 38.3#



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: 23.664 ng

RT: 6.42 min Scan# 763

Delta R.T. 0.02 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

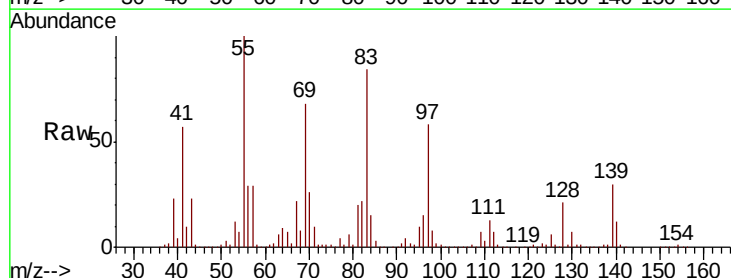
Tgt Ion: 128 Resp: 366126

Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

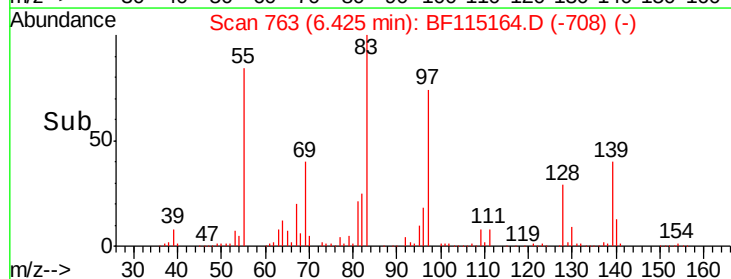
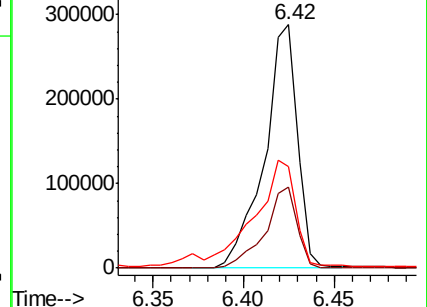
64 41.5 22.9 62.9

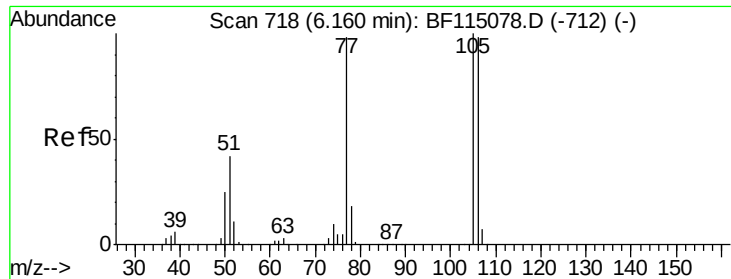


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 29.122 ng

RT: 6.17 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

Instrument :

BNA_F

ClientSampled :

TP-3MSD

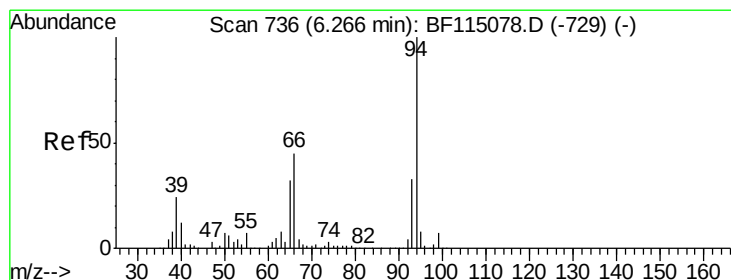
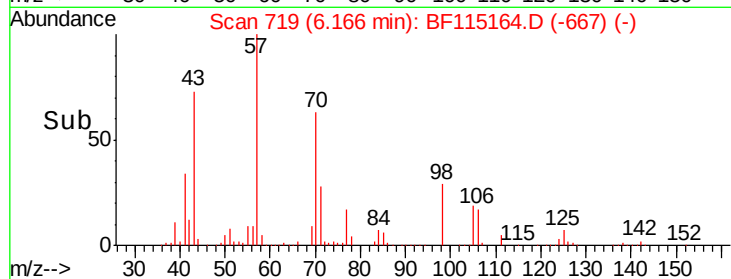
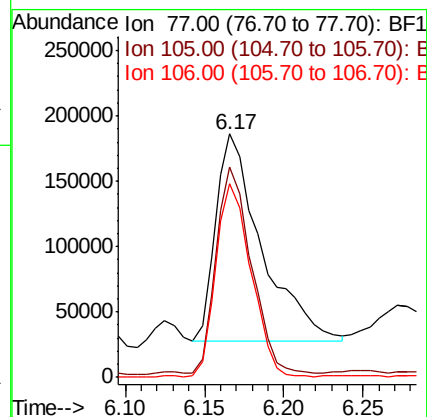
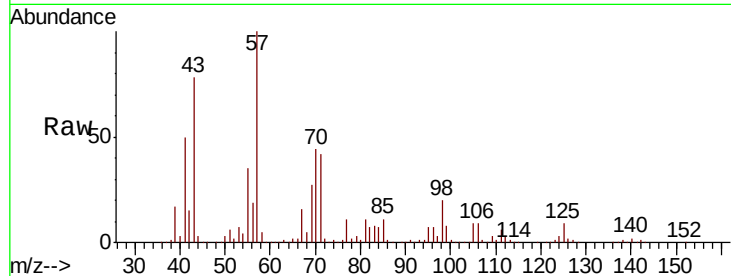
Tot Ion: 77 Resp: 317311

Ion Ratio Lower Upper

77 100

105 86.3 81.5 121.5

106 79.7 79.7 119.7



#10

Phenol

Concen: 38.139 ng

RT: 6.28 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

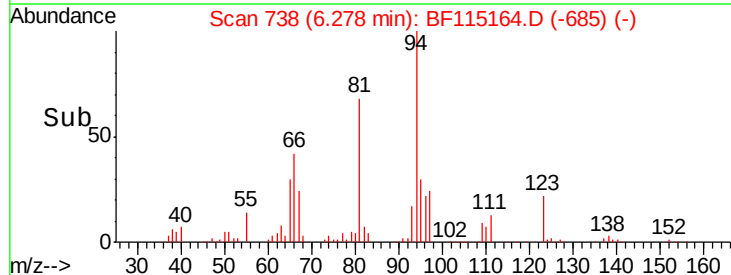
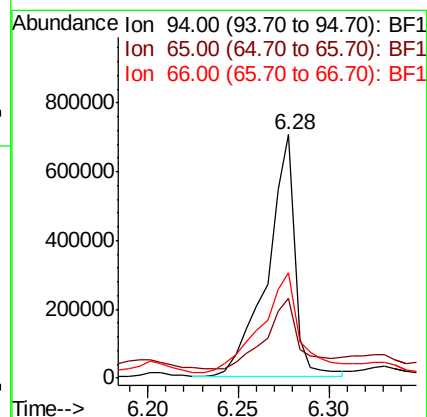
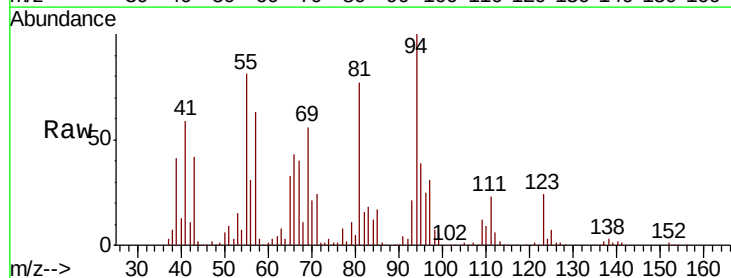
Tgt Ion: 94 Resp: 746119

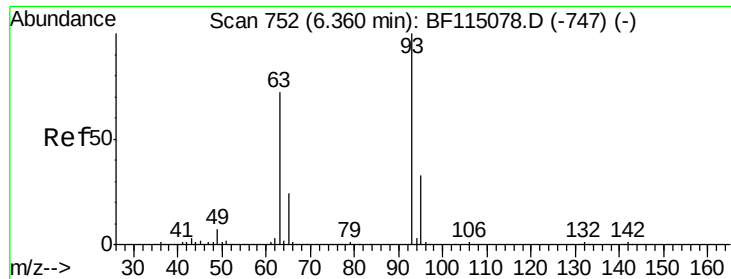
Ion Ratio Lower Upper

94 100

65 32.7 11.9 51.9

66 43.1 25.2 65.2





#11

bis(2-Chloroethyl)ether

Concen: 39.252 ng

RT: 6.37 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

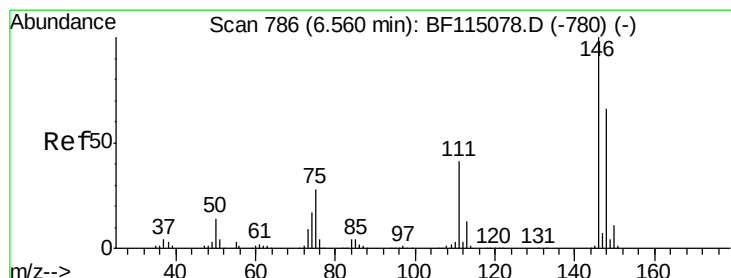
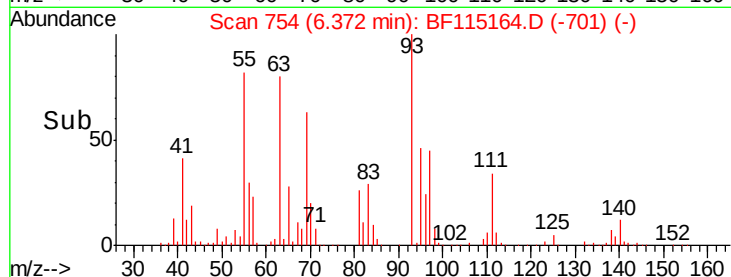
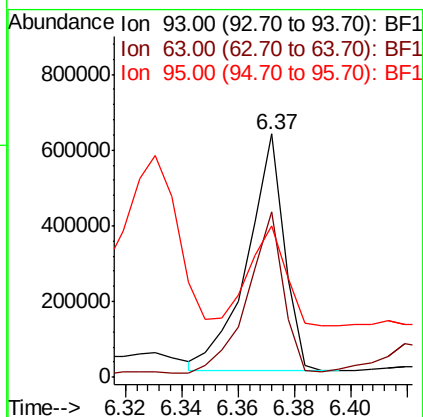
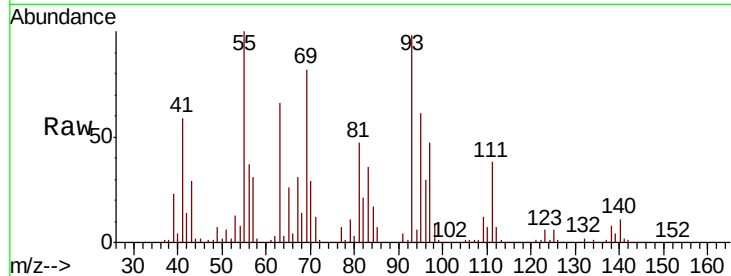
Tot Ion: 93 Resp: 566037

Ion Ratio Lower Upper

93 100

63 67.9 51.5 91.5

95 62.3 13.4 53.4#



#12

1,3-Dichlorobenzene

Concen: 36.833 ng

RT: 6.58 min Scan# 789

Delta R.T. 0.02 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

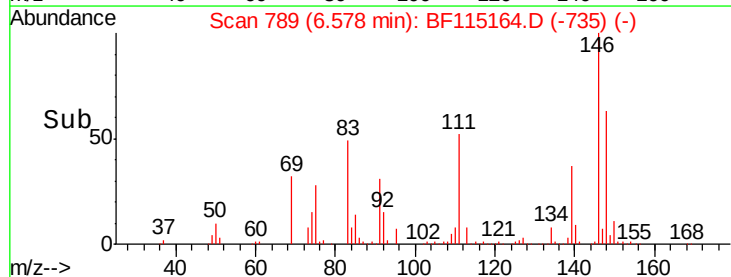
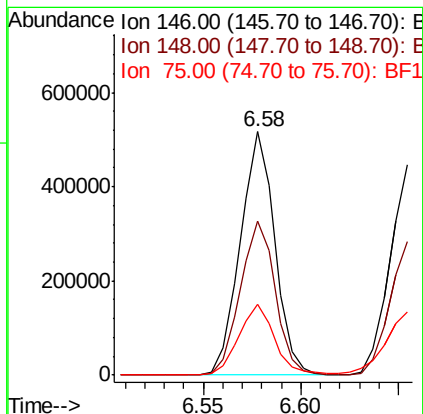
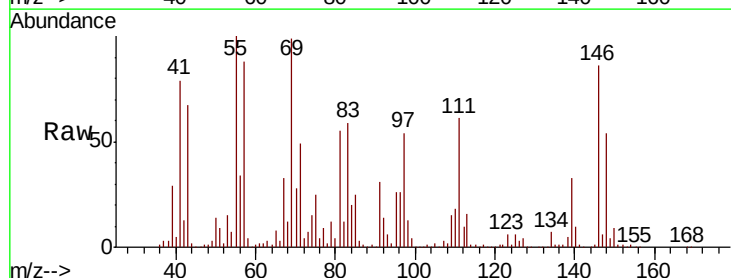
Tgt Ion: 146 Resp: 632467

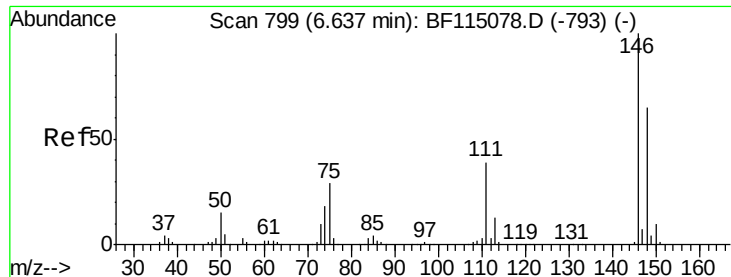
Ion Ratio Lower Upper

146 100

148 63.2 52.6 78.8

75 29.1 22.6 34.0

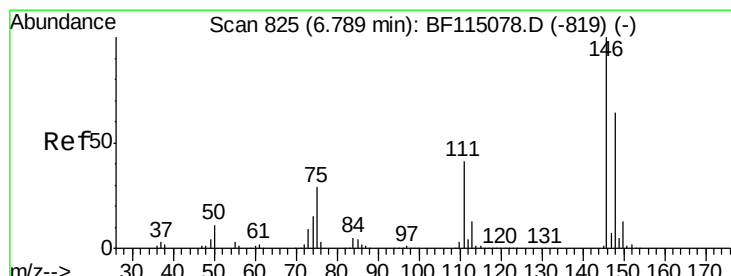
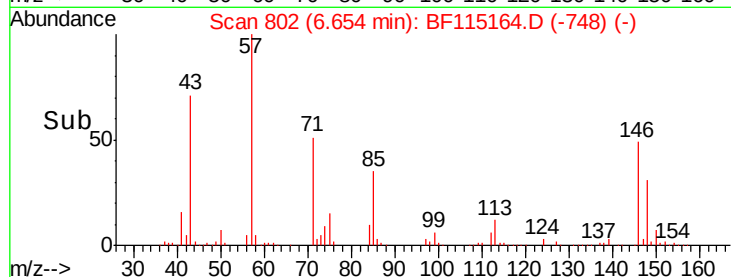
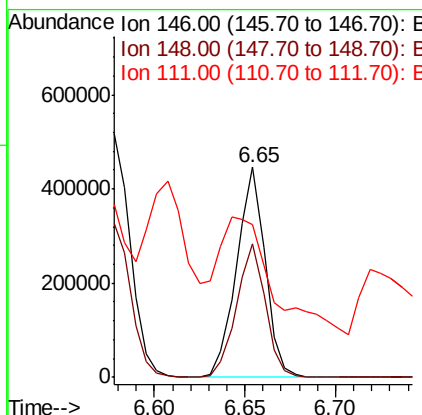
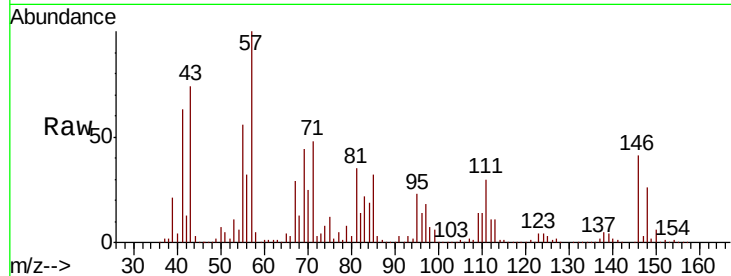




#13
 1,4-Dichlorobenzene
 Concen: 28.421 ng
 RT: 6.65 min Scan# 802
 Delta R.T. 0.02 min
 Lab File: BF115164.D
 Acq: 24 Jun 2019 23:01

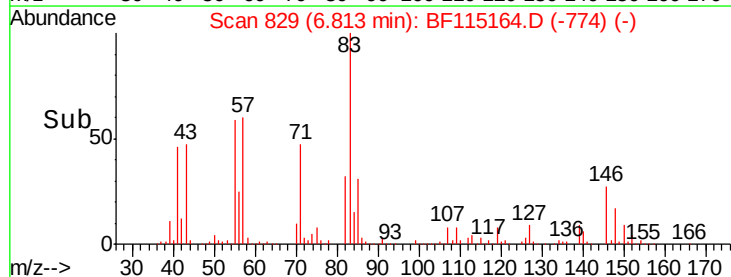
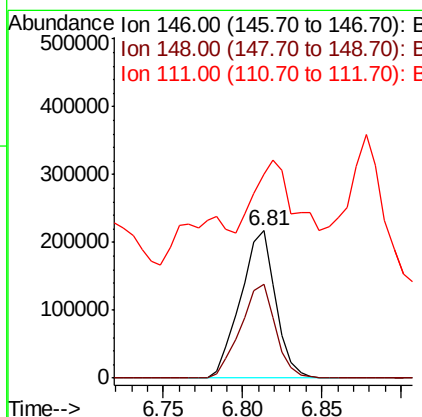
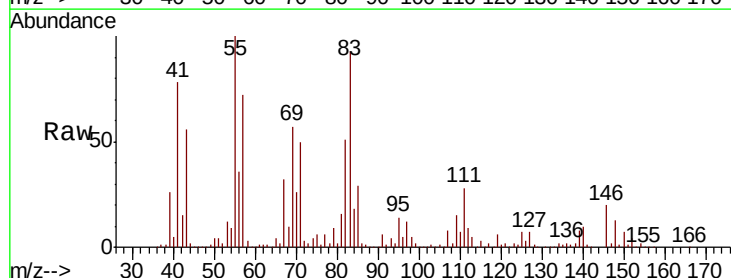
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

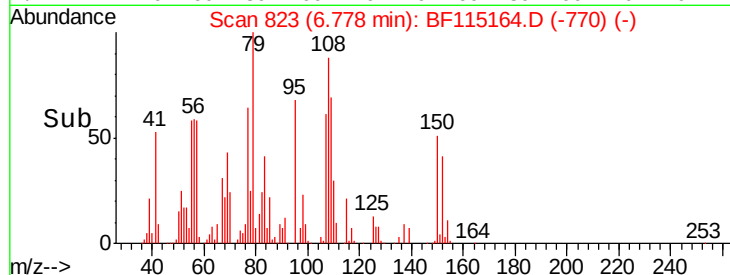
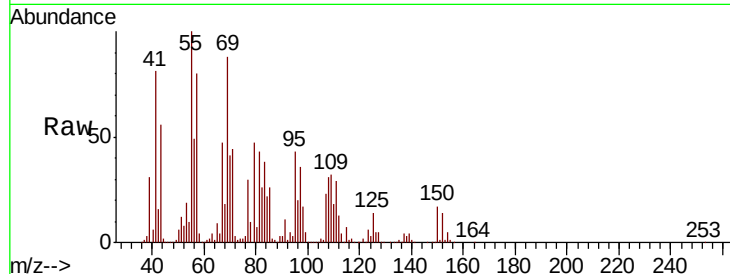
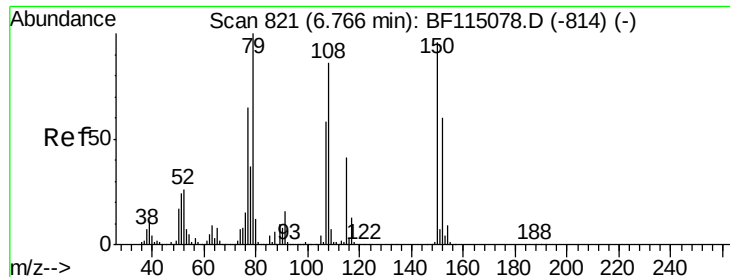
Tot Ion:146 Resp: 489366
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.9 77.9
 111 72.5 31.4 47.0#



#14
 1,2-Dichlorobenzene
 Concen: 20.813 ng
 RT: 6.81 min Scan# 829
 Delta R.T. 0.02 min
 Lab File: BF115164.D
 Acq: 24 Jun 2019 23:01

Tgt Ion:146 Resp: 331875
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.1 76.7
 111 138.2 33.2 49.8#

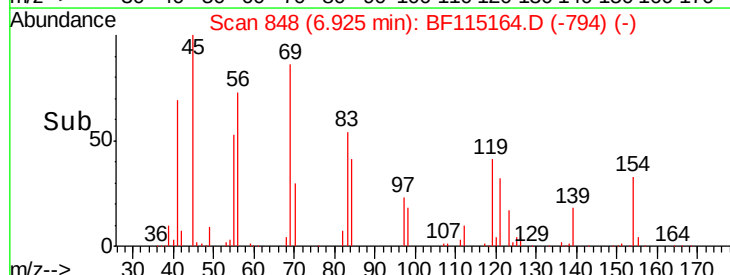
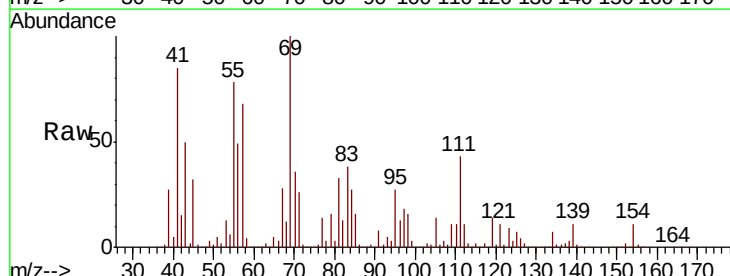
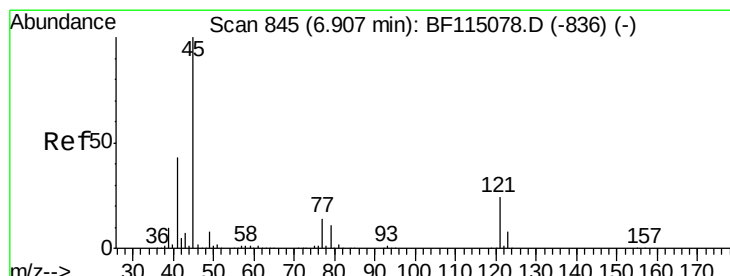
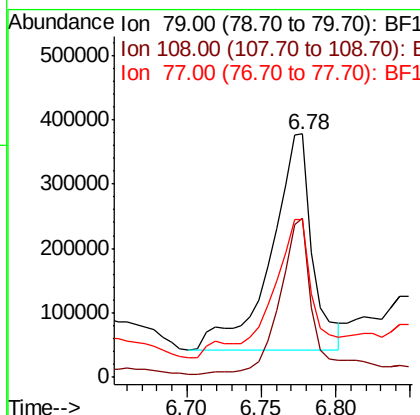




#15
Benzyl Alcohol
Concen: 53.864 ng
RT: 6.78 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

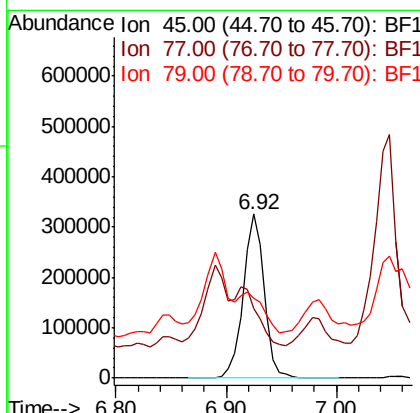
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

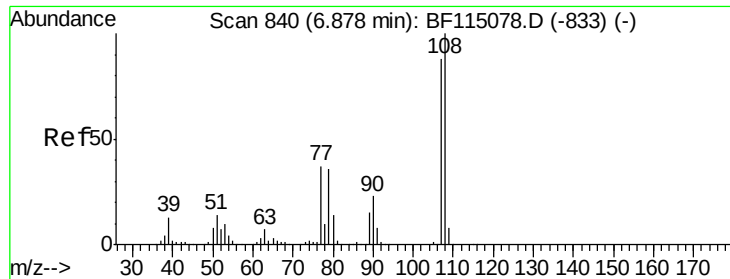
Tot Ion: 79 Resp: 655039
Ion Ratio Lower Upper
79 100
108 65.5 68.7 103.1#
77 64.7 51.7 77.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.621 ng
RT: 6.92 min Scan# 848
Delta R.T. 0.02 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

Tgt Ion: 45 Resp: 431300
Ion Ratio Lower Upper
45 100
77 42.5 0.0 34.6#
79 48.6 0.0 31.2#





#17

2-Methylphenol

Concen: 33.463 ng

RT: 6.89 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tot Ion:107 Resp: 427348

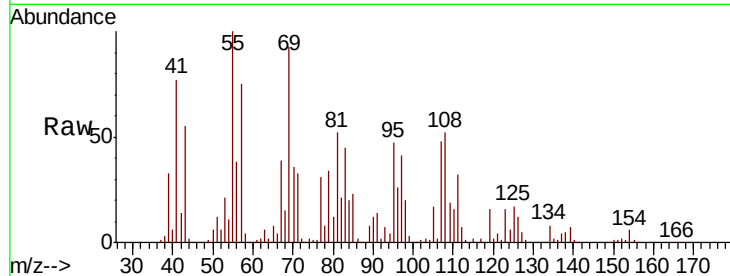
Ion Ratio Lower Upper

107 100

108 107.6 90.9 136.3

77 63.5 33.4 50.2#

79 70.8 32.3 48.5#



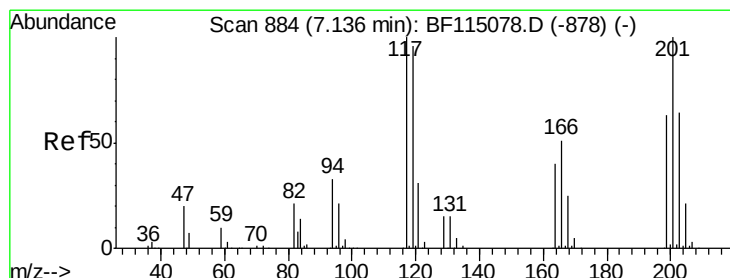
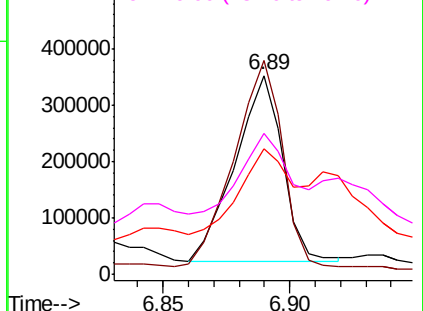
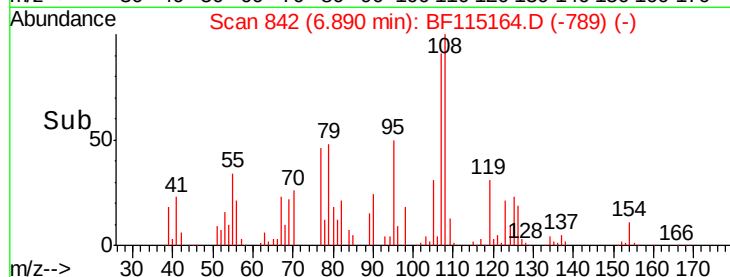
Abundance

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: 37.649 ng

RT: 7.15 min Scan# 887

Delta R.T. 0.02 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

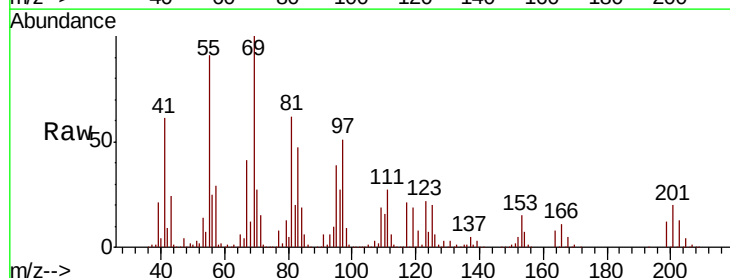
Tgt Ion:117 Resp: 233710

Ion Ratio Lower Upper

117 100

119 94.9 76.6 114.8

201 97.0 80.2 120.2

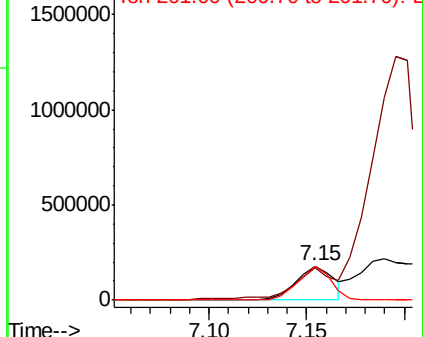
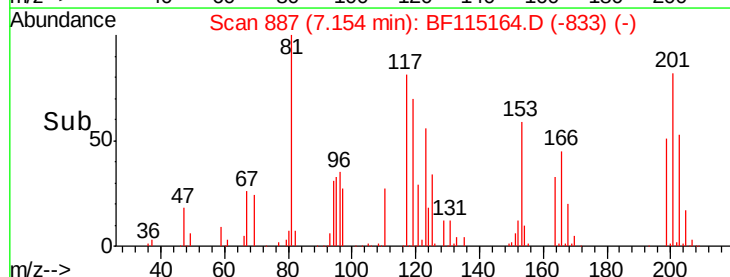


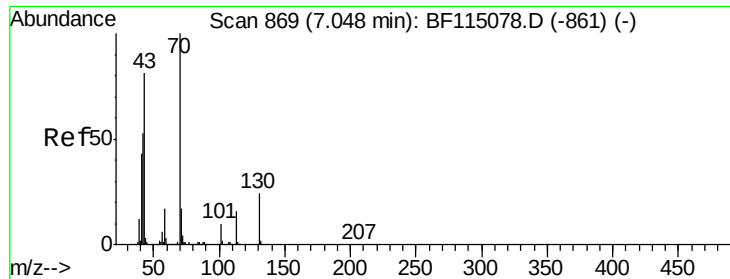
Abundance

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

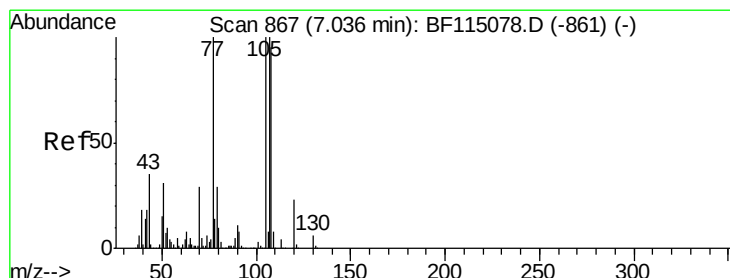
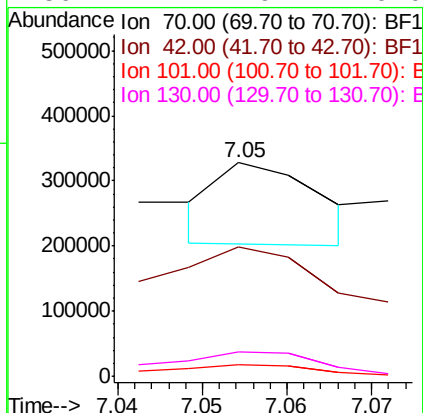
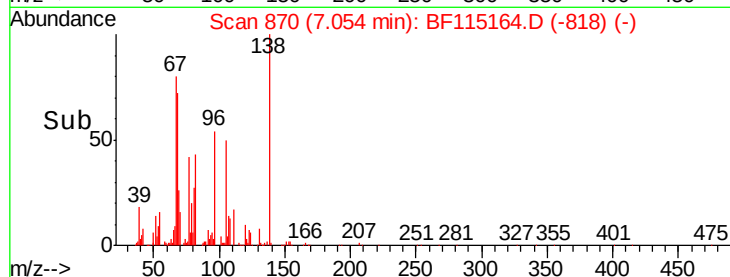
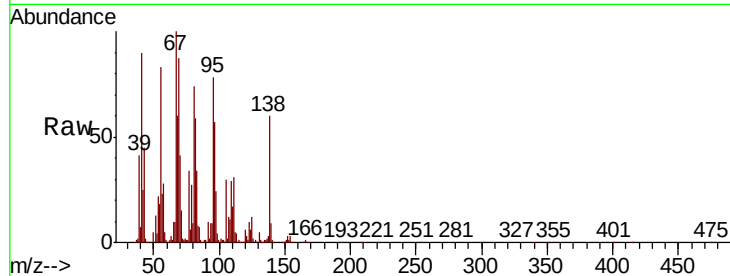




#19
n-Nitroso-di-n-propylamine
Concen: 9.649 ng
RT: 7.05 min Scan# 870
Delta R.T. 0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

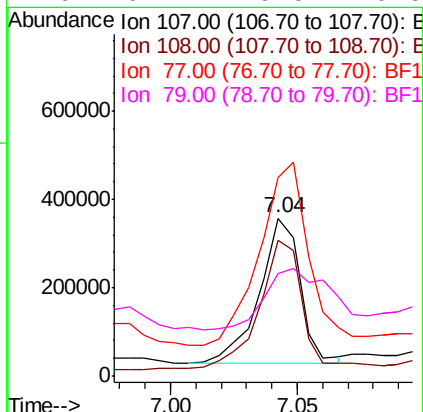
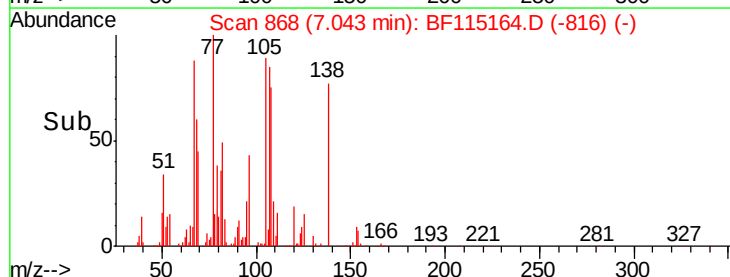
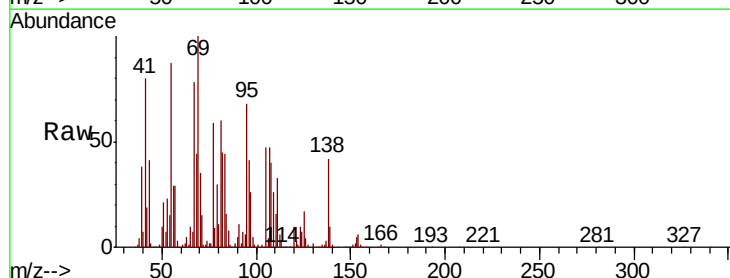
Instrument :
BNA_F
ClientSampled :
TP-3MSD

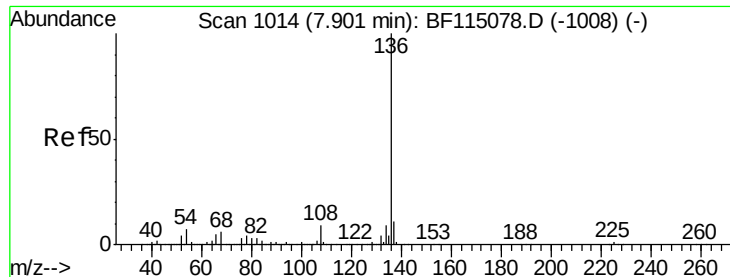
Tot Ion: 70 Resp: 103172
Ion Ratio Lower Upper
70 100
42 60.5 42.6 63.8
101 5.1 8.0 12.0#
130 11.7 19.4 29.0#



#20
3+4-Methylphenols
Concen: 24.942 ng
RT: 7.04 min Scan# 868
Delta R.T. 0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

Tgt Ion: 107 Resp: 367806
Ion Ratio Lower Upper
107 100
108 86.4 75.5 115.5
77 126.3 80.2 120.2#
79 64.7 9.5 49.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.92 min Scan# 1017

Delta R.T. 0.02 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tot Ion:136 Resp: 532927

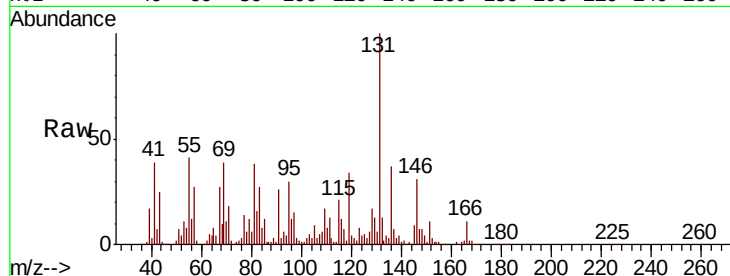
Ion Ratio Lower Upper

136 100

137 19.5 8.9 13.3#

54 21.3 5.6 8.4#

68 27.4 4.8 7.2#

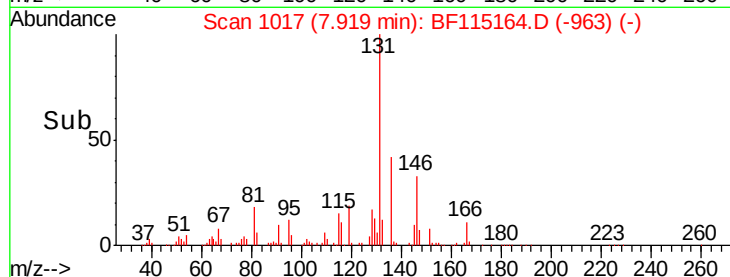


Abundance Ion 136.00 (135.70 to 136.70): E

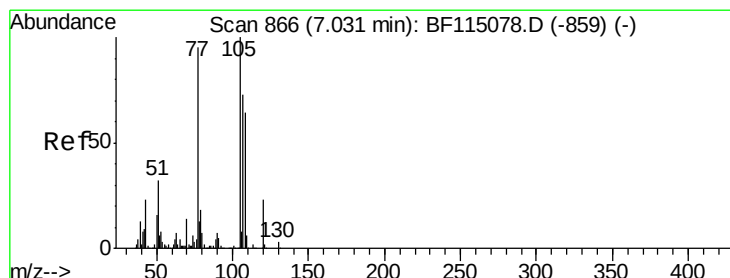
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time--> 7.85 7.90 7.95



#22

Acetophenone

Concen: 42.786 ng

RT: 7.05 min Scan# 869

Delta R.T. 0.02 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

Tgt Ion:105 Resp: 522009

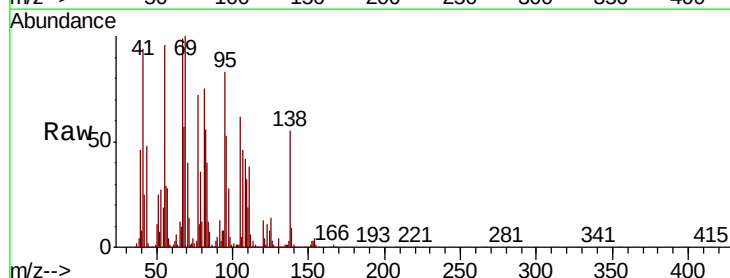
Ion Ratio Lower Upper

105 100

71 22.7 1.9 2.9#

51 40.7 25.8 38.8#

120 20.5 18.5 27.7#

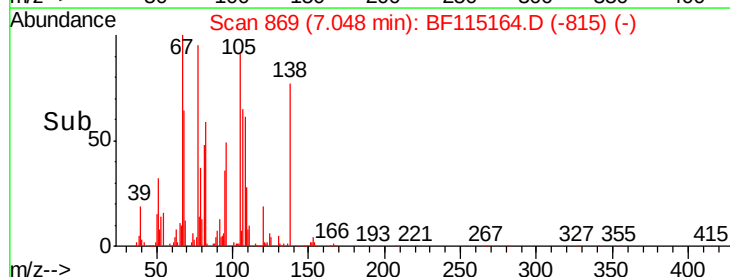


Abundance Ion 105.00 (104.70 to 105.70): E

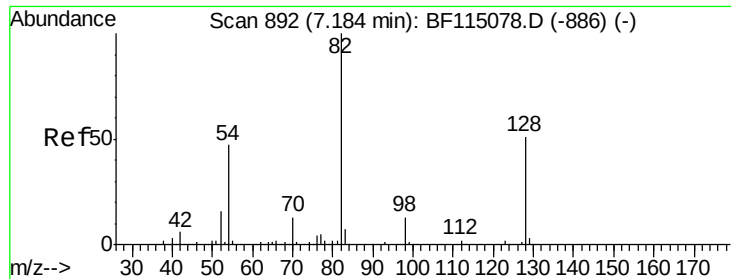
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



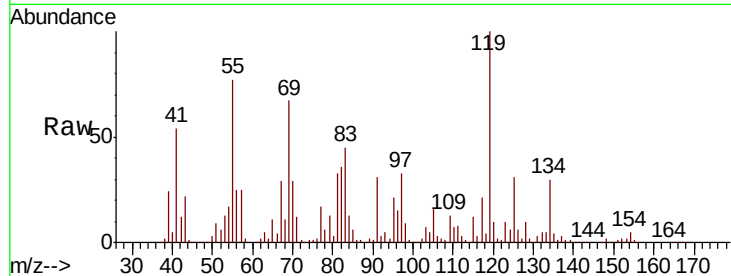
Time--> 7.00 7.05 7.10



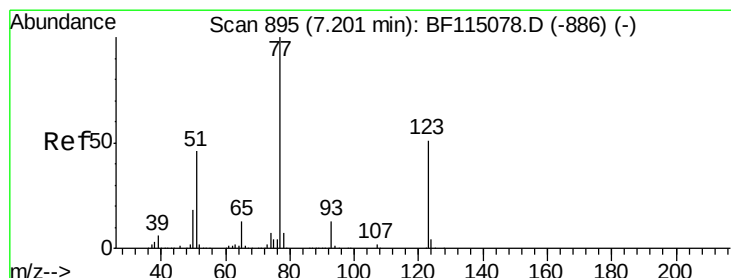
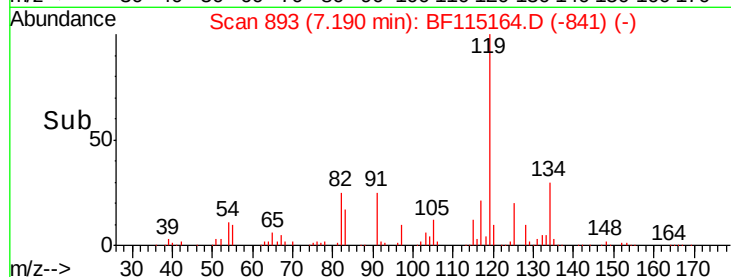
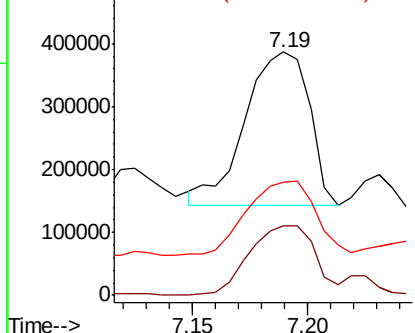
#23
Nitrobenzene-d5
Concen: 54.116 ng
RT: 7.19 min Scan# 893
Delta R.T. 0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion: 82 Resp: 468821
Ion Ratio Lower Upper
82 100
128 28.8 40.4 60.6#
54 46.6 37.5 56.3

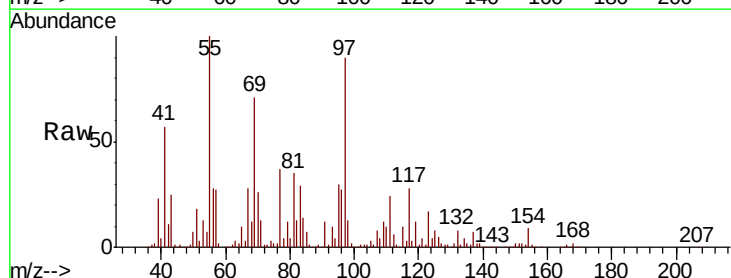


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

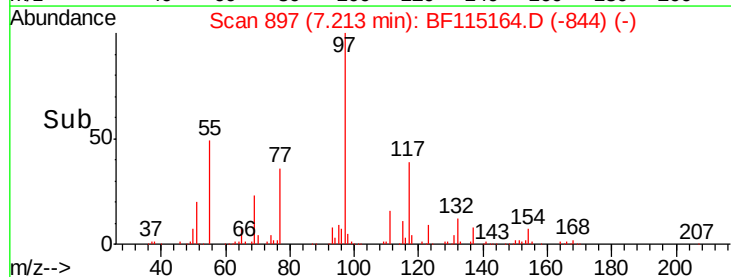
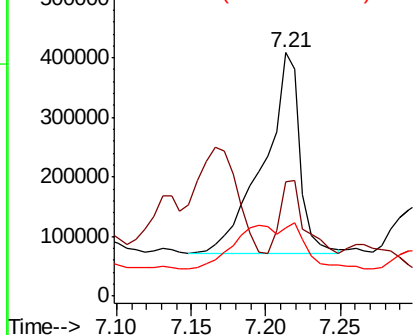


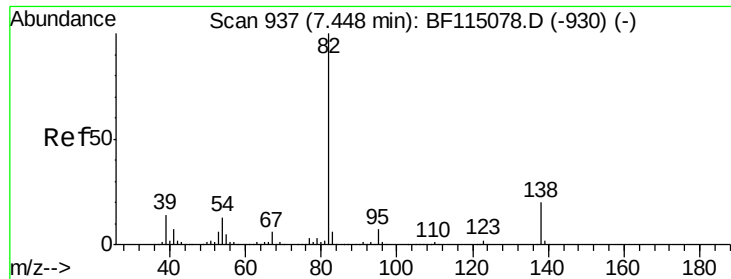
#24
Nitrobenzene
Concen: 59.914 ng
RT: 7.21 min Scan# 897
Delta R.T. 0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

Tgt Ion: 77 Resp: 571830
Ion Ratio Lower Upper
77 100
123 46.8 41.0 61.6
65 28.1 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: 50.299 ng

RT: 7.46 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

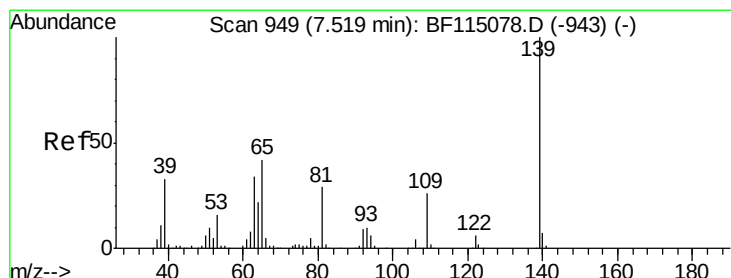
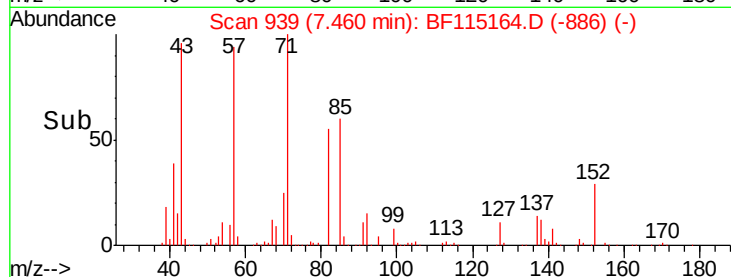
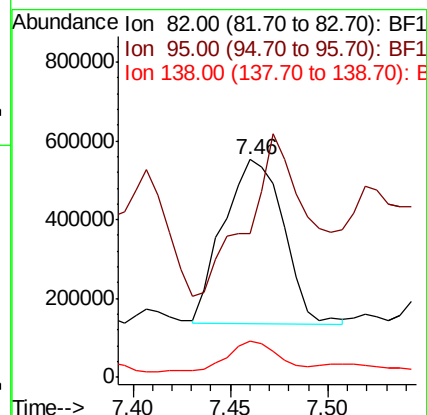
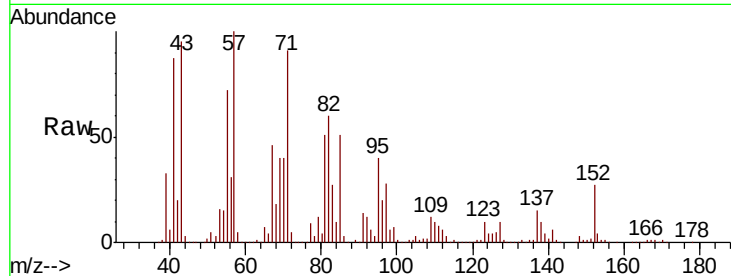
Tot Ion: 82 Resp: 892660

Ion Ratio Lower Upper

82 100

95 66.4 5.4 8.2#

138 16.9 15.9 23.9



#26

2-Nitrophenol

Concen: 51.773 ng

RT: 7.53 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

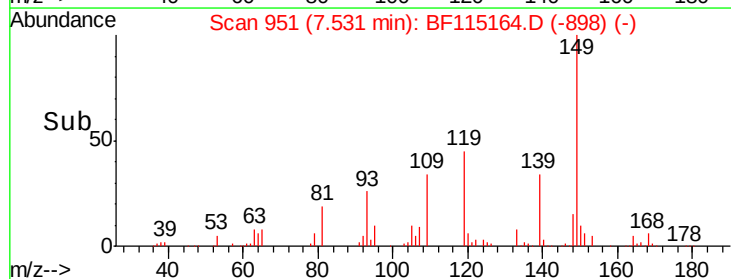
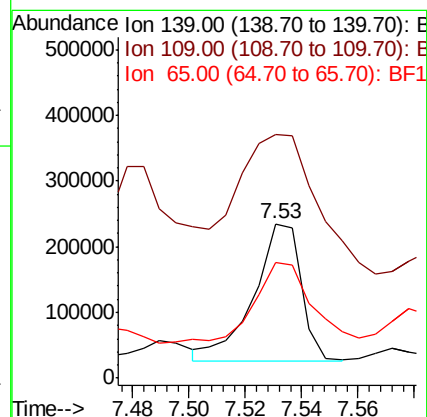
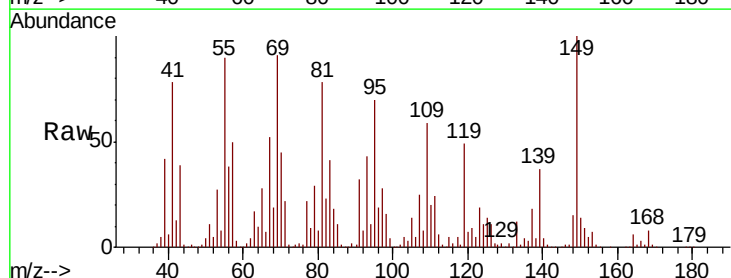
Tgt Ion: 139 Resp: 244025

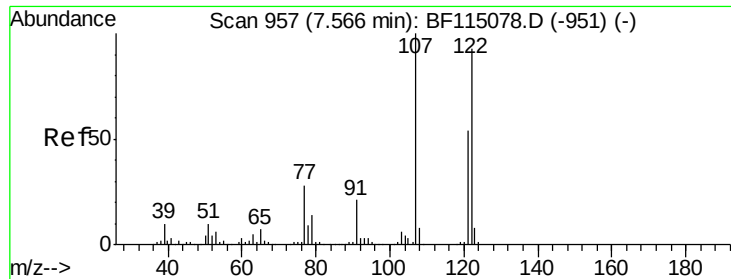
Ion Ratio Lower Upper

139 100

109 157.8 20.4 30.6#

65 74.5 33.6 50.4#





#27

2,4-Dimethylphenol

Concen: 41.834 ng

RT: 7.58 min Scan# 959

Delta R.T. 0.01 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

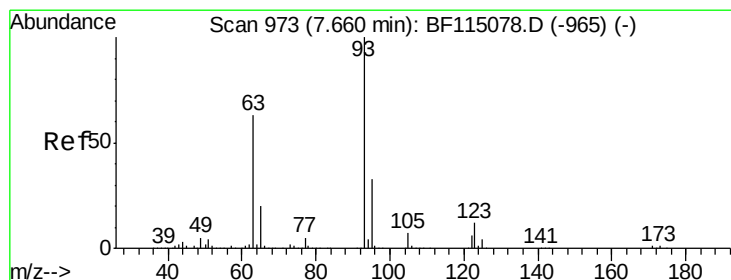
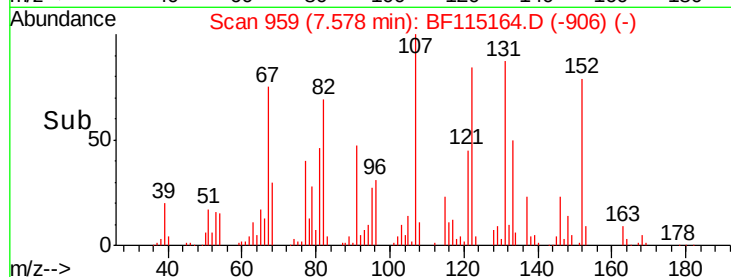
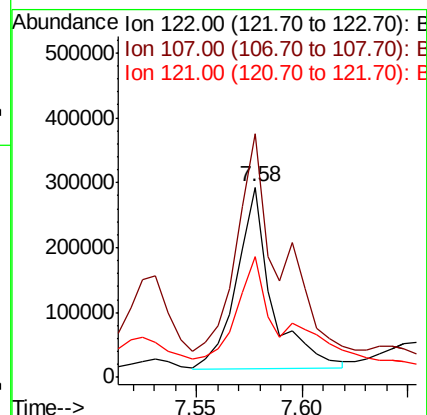
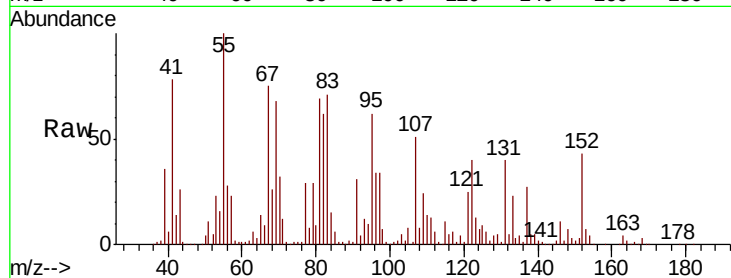
Tot Ion:122 Resp: 322838

Ion Ratio Lower Upper

122 100

107 127.8 85.8 128.6

121 63.2 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 37.012 ng

RT: 7.67 min Scan# 975

Delta R.T. 0.01 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

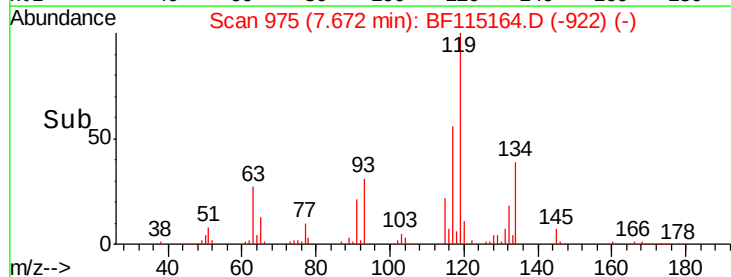
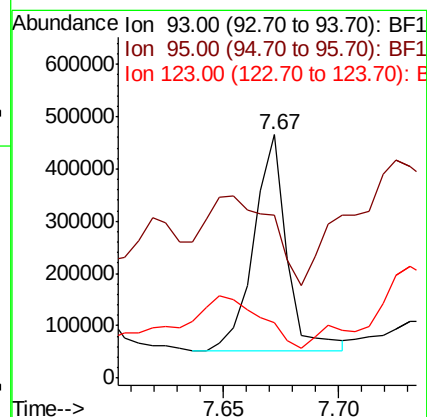
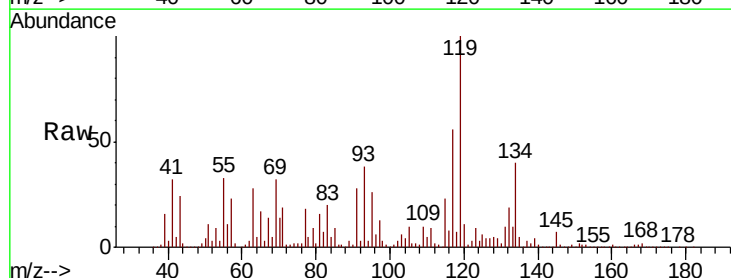
Tgt Ion: 93 Resp: 415165

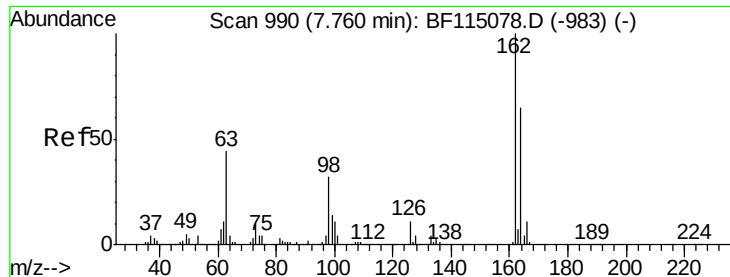
Ion Ratio Lower Upper

93 100

95 66.8 26.2 39.4#

123 22.6 9.7 14.5#

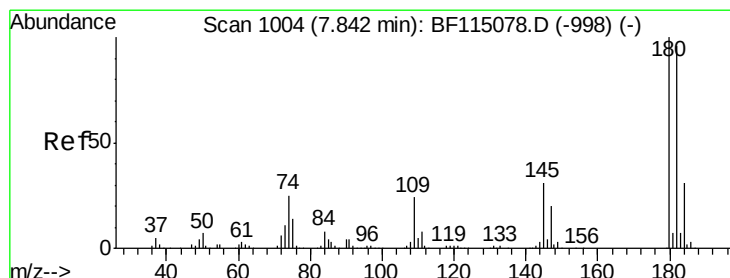
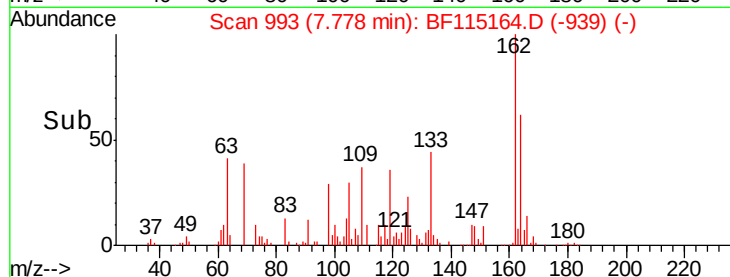
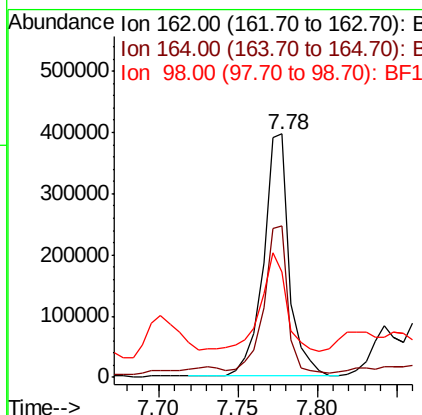
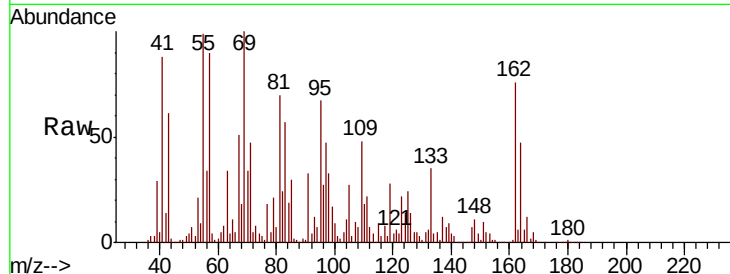




#29
 2,4-Dichlorophenol
 Concen: 56.777 ng
 RT: 7.78 min Scan# 993
 Delta R.T. 0.02 min
 Lab File: BF115164.D
 Acq: 24 Jun 2019 23:01

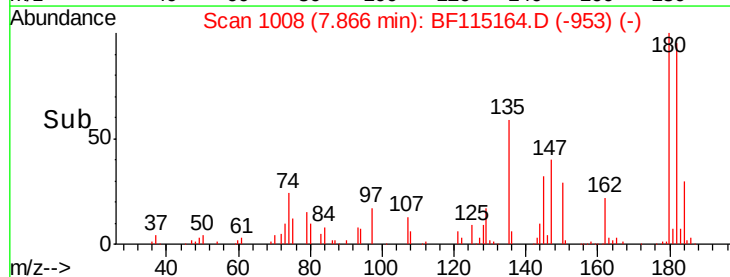
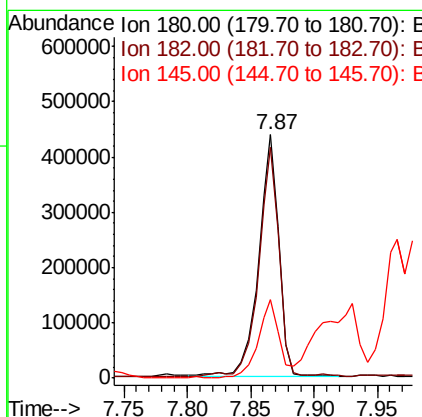
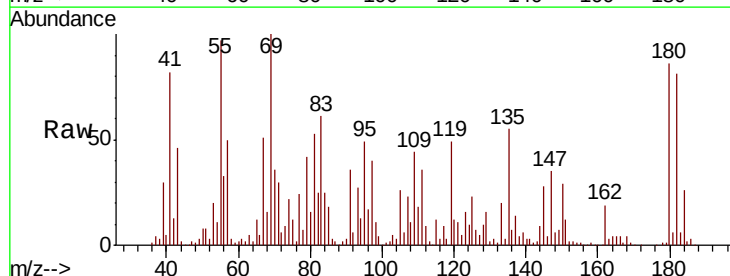
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

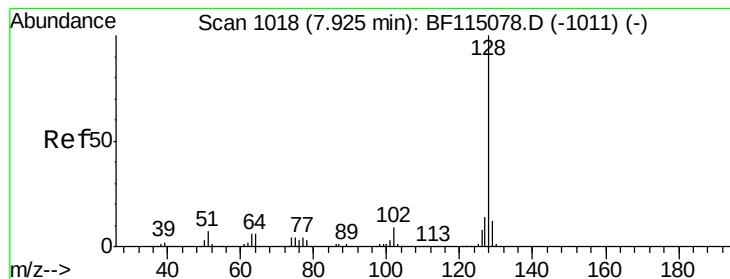
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	45.3	85.3
98	43.2	12.5	52.5



#30
 1,2,4-Trichlorobenzene
 Concen: 55.281 ng
 RT: 7.87 min Scan# 1008
 Delta R.T. 0.02 min
 Lab File: BF115164.D
 Acq: 24 Jun 2019 23:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.4	114.6
145	32.1	24.8	37.2





#31

Naphthalene

Concen: 59.020 ng

RT: 7.94 min Scan# 1021

Delta R.T. 0.02 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

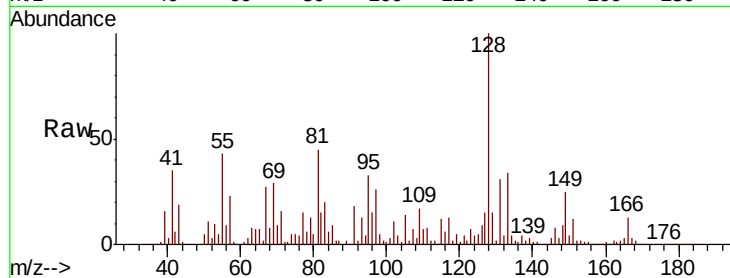
Tot Ion:128 Resp: 1543958

Ion Ratio Lower Upper

128 100

129 15.3 9.6 14.4#

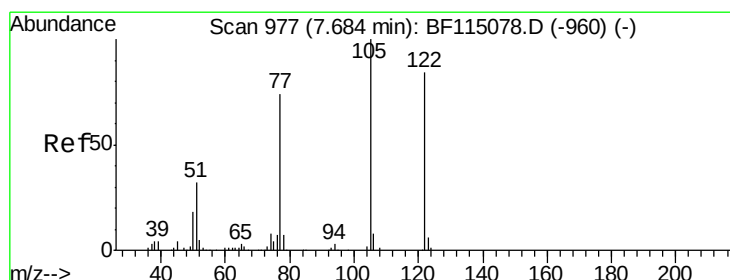
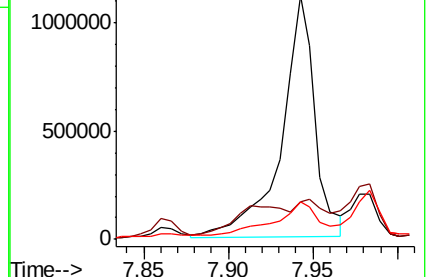
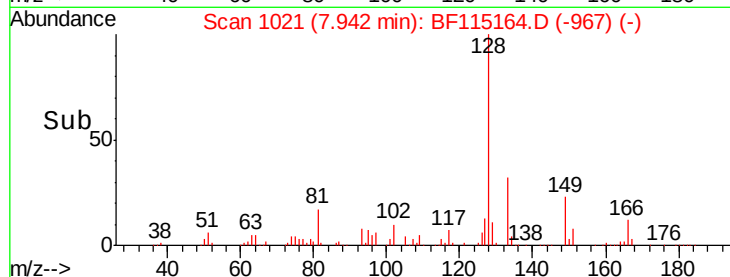
127 15.3 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 13.002 ng

RT: 7.73 min Scan# 985

Delta R.T. 0.05 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

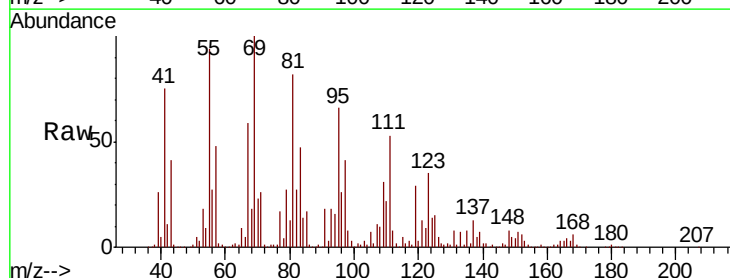
Tgt Ion:122 Resp: 71623

Ion Ratio Lower Upper

122 100

105 78.8 98.2 138.2#

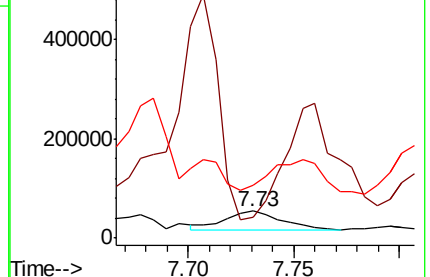
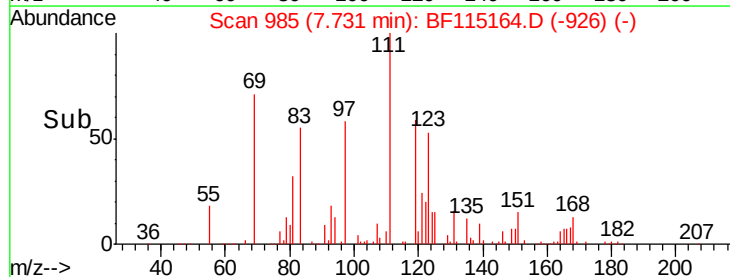
77 194.7 67.0 107.0#

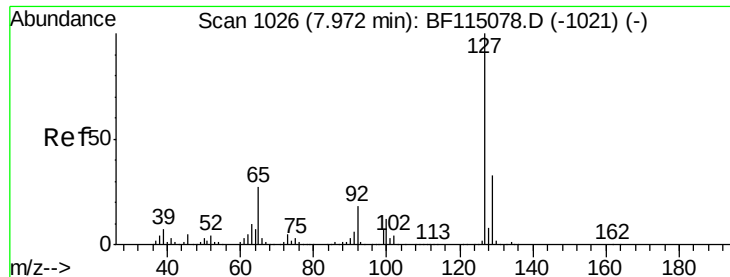


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

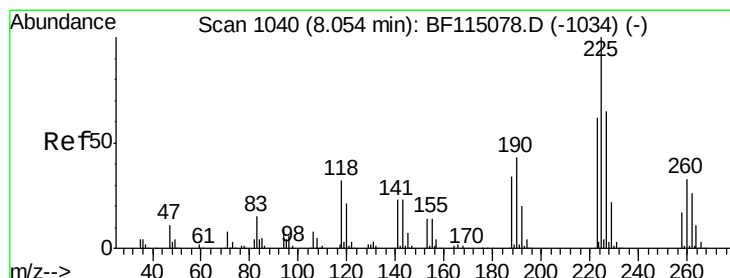
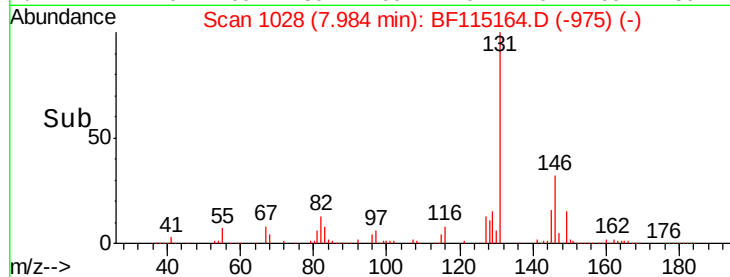
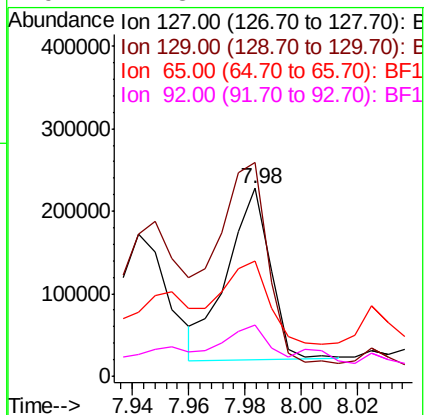
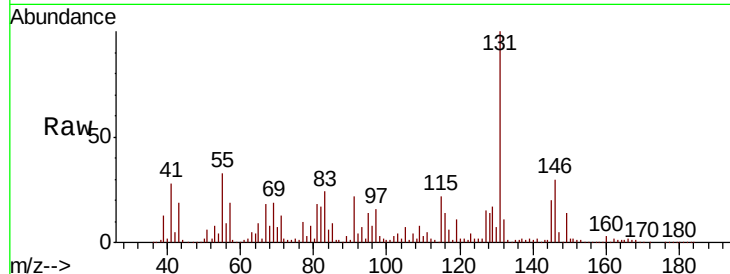




#33
4-Chloroaniline
Concen: 18.354 ng
RT: 7.98 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

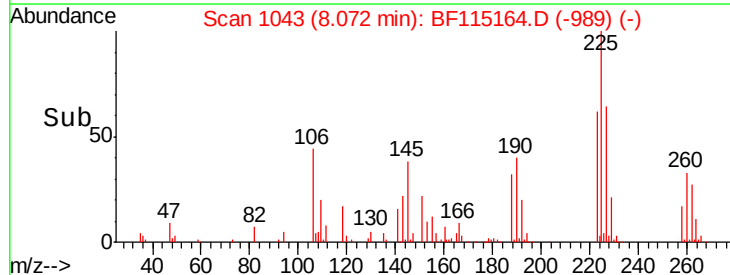
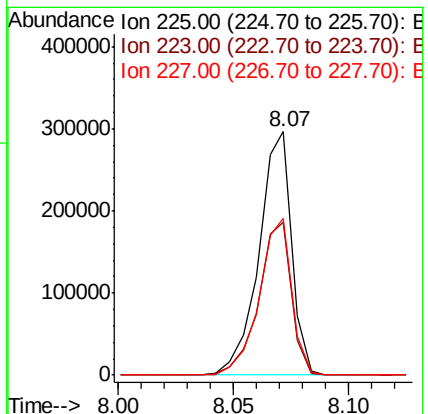
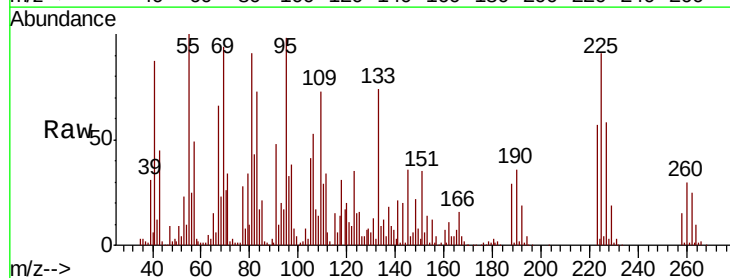
Instrument :
BNA_F
ClientSampled :
TP-3MSD

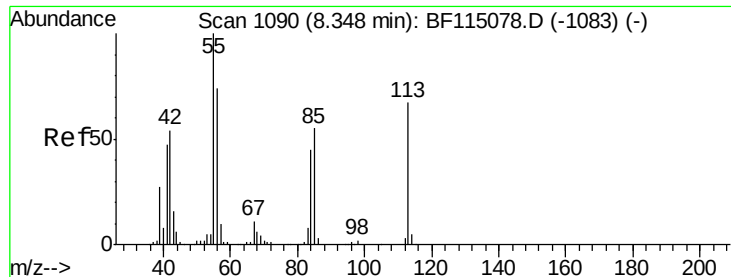
Tot Ion	Ratio	Lower	Upper
127	100		
129	113.6	26.1	39.1#
65	61.5	21.4	32.2#
92	27.3	14.1	21.1#



#34
Hexachlorobutadiene
Concen: 60.509 ng
RT: 8.07 min Scan# 1043
Delta R.T. 0.02 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.4	74.2
227	64.1	51.8	77.8

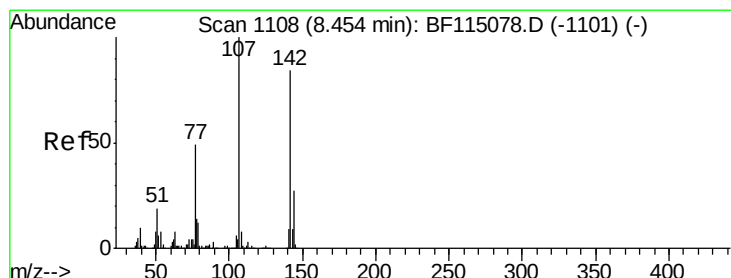
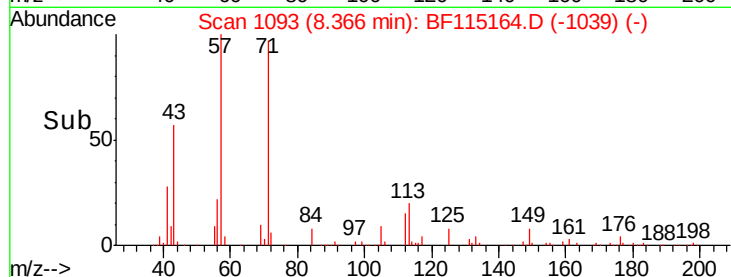
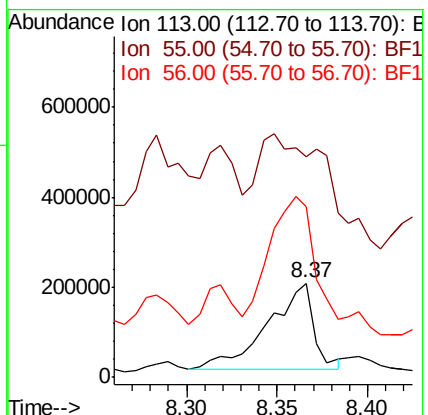
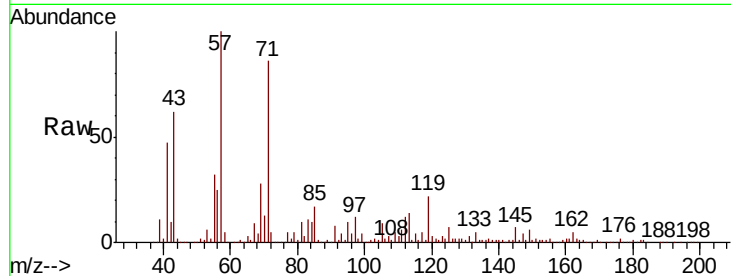




#35
Caprolactam
Concen: 127.049 ng
RT: 8.37 min Scan# 1093
Delta R.T. 0.02 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

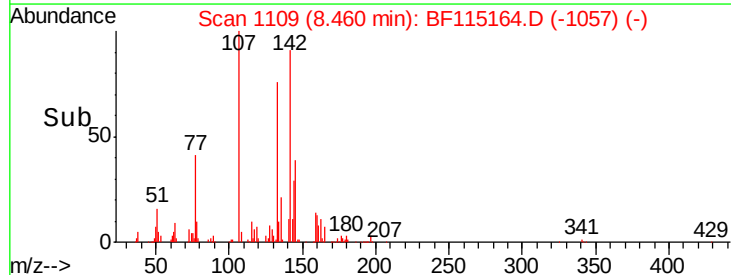
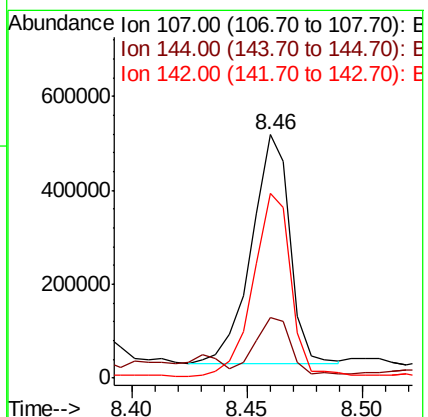
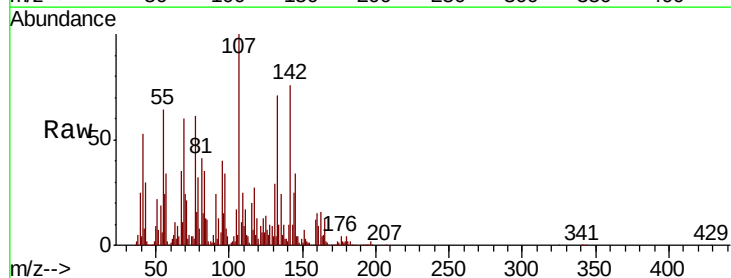
Instrument :
BNA_F
ClientSampled :
TP-3MSD

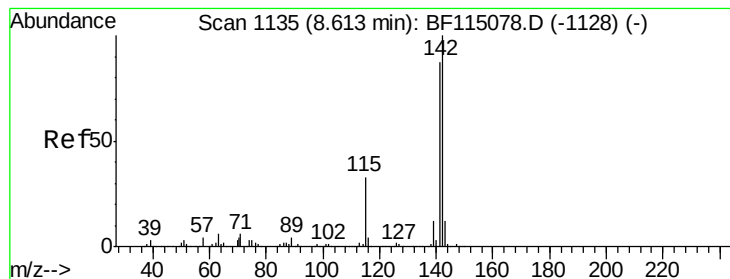
Tot Ion:113 Resp: 340181
Ion Ratio Lower Upper
113 100
55 234.7 130.2 170.2#
56 181.5 91.6 131.6#



#36
4-Chloro-3-methylphenol
Concen: 70.140 ng
RT: 8.46 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

Tgt Ion:107 Resp: 565701
Ion Ratio Lower Upper
107 100
144 24.8 21.7 32.5
142 76.1 67.0 100.4





#37

2-Methylnaphthalene

Concen: 68.501 ng

RT: 8.62 min Scan# 1137

Delta R.T. 0.01 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

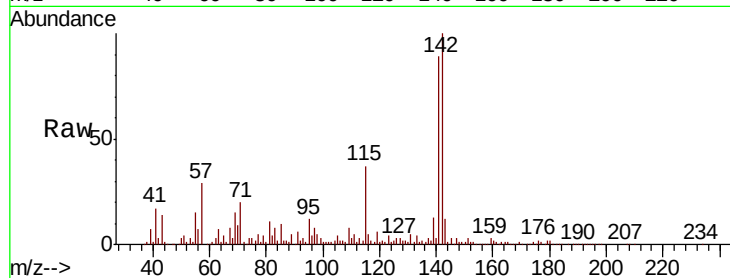
Tot Ion:142 Resp: 1208254

Ion Ratio Lower Upper

142 100

141 88.7 69.8 104.6

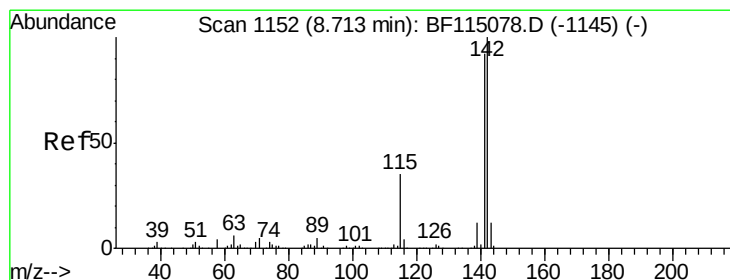
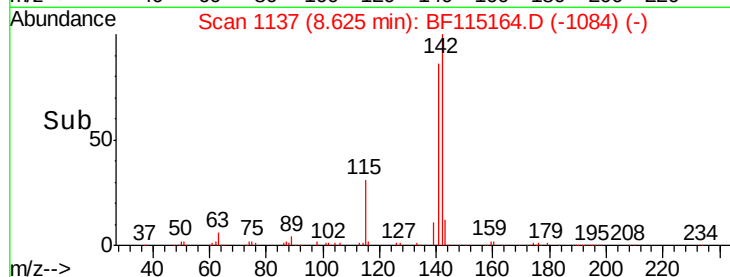
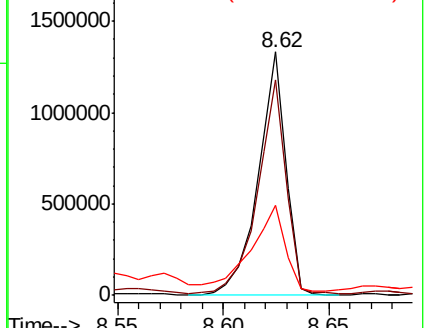
115 37.2 26.7 40.1



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: 114.687 ng

RT: 8.72 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

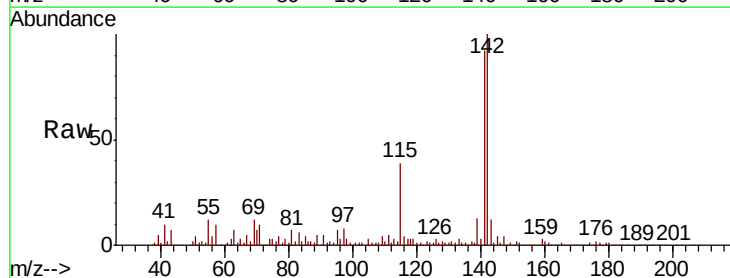
Tgt Ion:142 Resp: 1932016

Ion Ratio Lower Upper

142 100

141 91.8 73.8 110.8

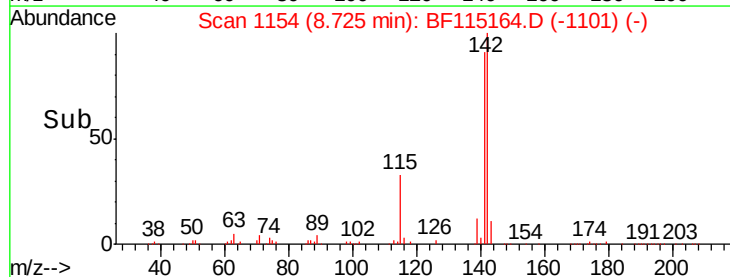
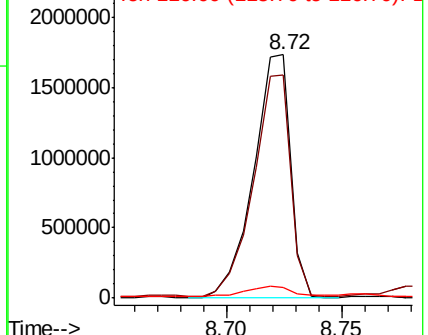
116 4.5 2.8 4.2#

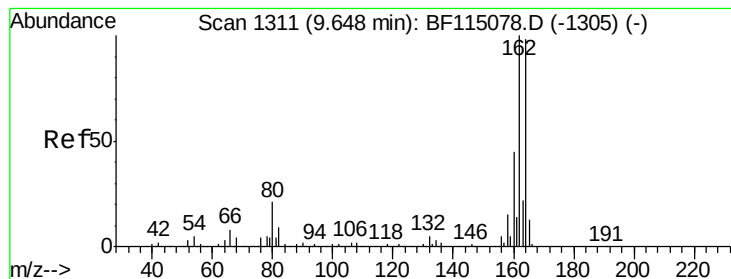


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF115164.D

Acq: 24 Jun 2019 23:01

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

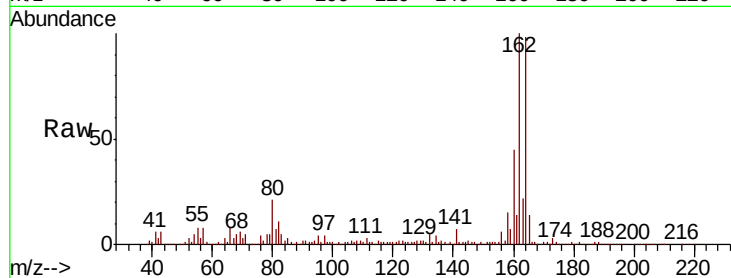
Tot Ion:164 Resp: 562111

Ion Ratio Lower Upper

164 100

162 101.6 81.7 122.5

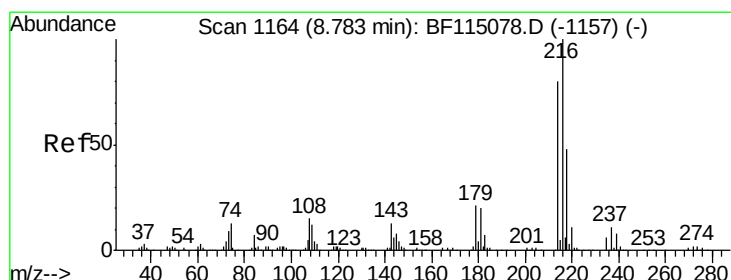
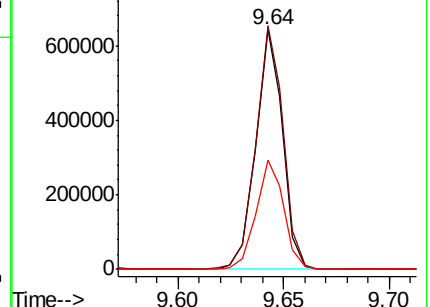
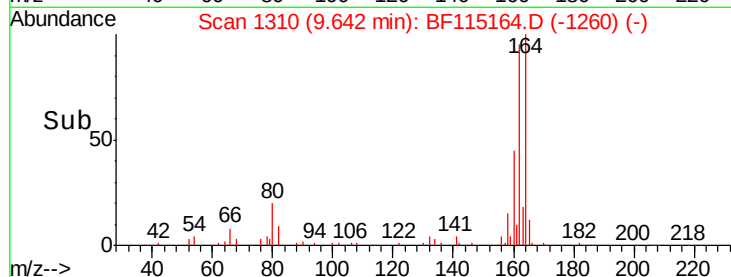
160 45.4 37.0 55.4



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: 34.885 ng

RT: 8.79 min Scan# 1165

Delta R.T. 0.01 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

Tgt Ion:216 Resp: 554127

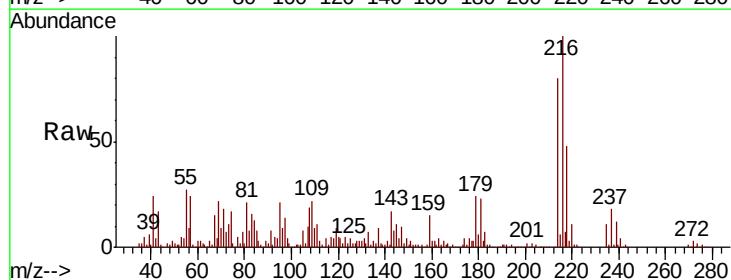
Ion Ratio Lower Upper

216 100

214 79.6 63.8 95.6

179 26.6 17.6 26.4#

108 22.4 15.7 23.5

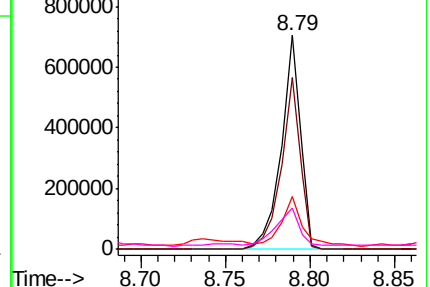
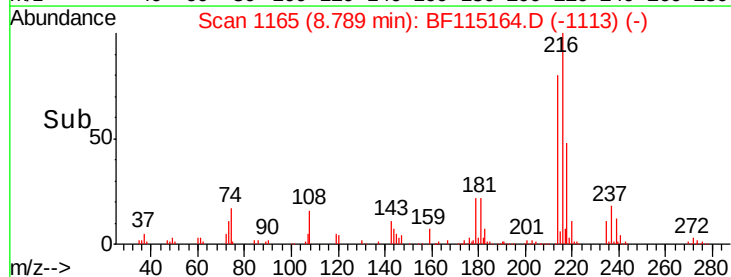


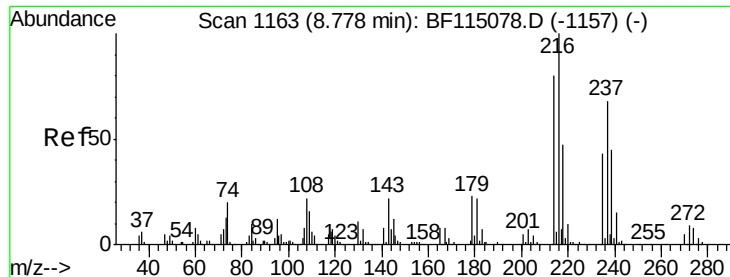
Abundance Ion 216.00 (215.70 to 216.70): E

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

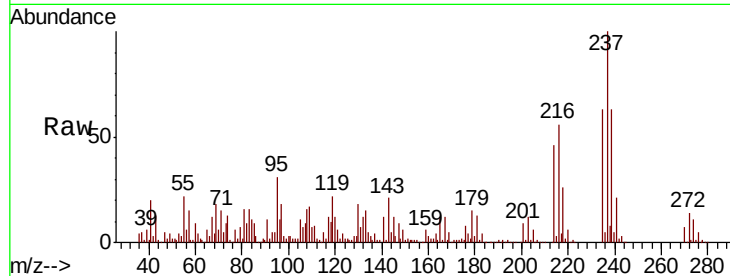




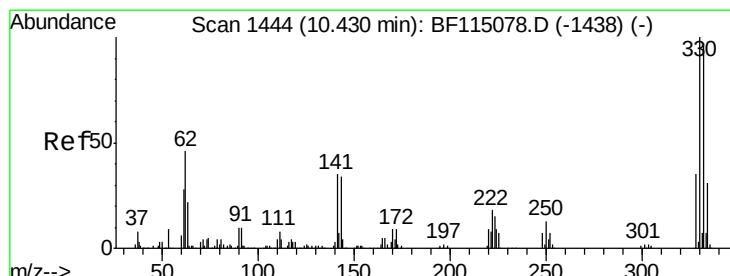
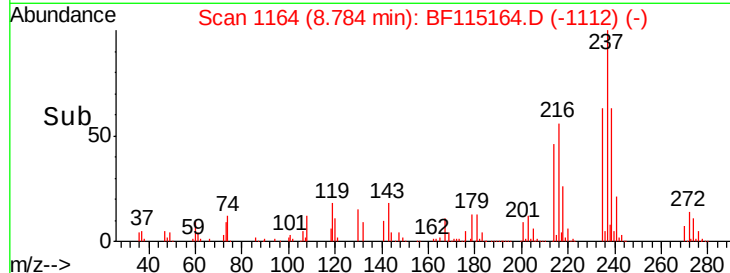
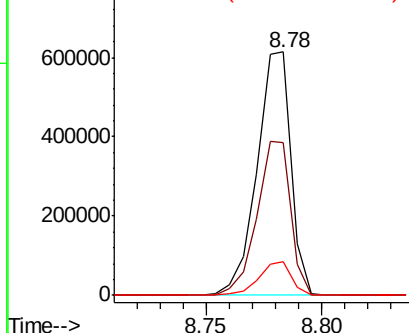
#41
Hexachlorocyclopentadiene
Concen: 66.943 ng
RT: 8.78 min Scan# 1164
Delta R.T. 0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion:237 Resp: 630525
Ion Ratio Lower Upper
237 100
235 62.8 43.9 83.9
272 13.9 0.0 33.8

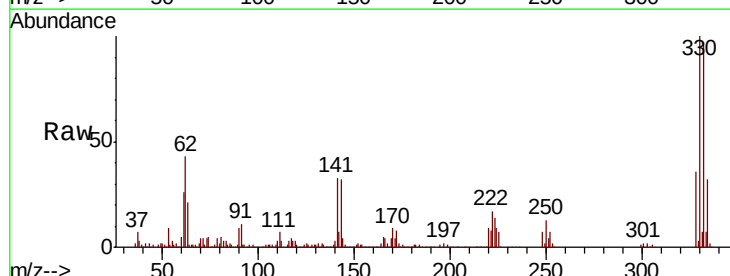


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

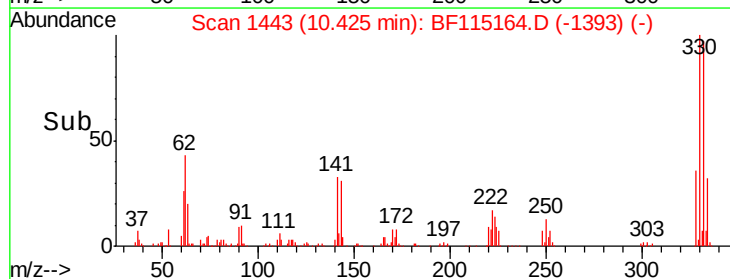
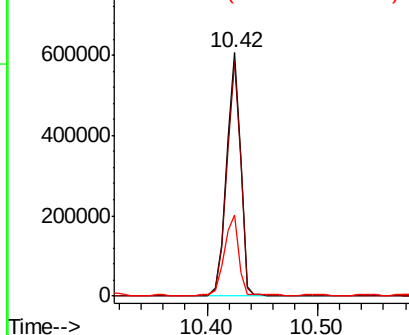


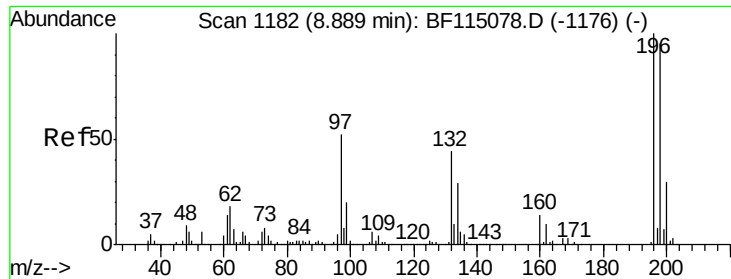
#42
2,4,6-Tribromophenol
Concen: 91.537 ng
RT: 10.42 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

Tgt Ion:330 Resp: 542602
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 33.2 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: 36.888 ng

RT: 8.89 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

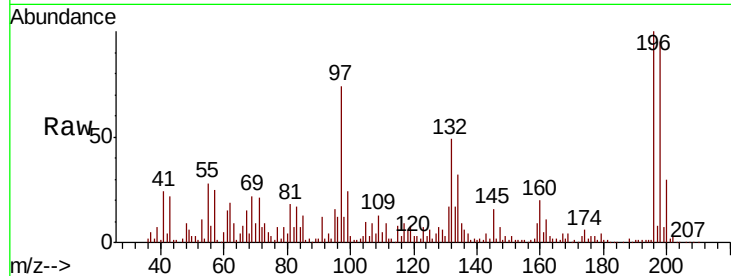
Tot Ion:196 Resp: 452366

Ion Ratio Lower Upper

196 100

198 95.3 76.3 114.5

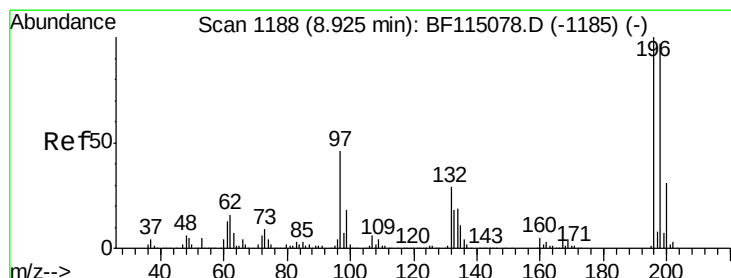
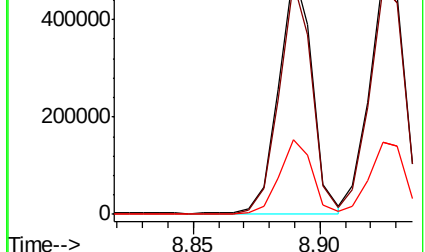
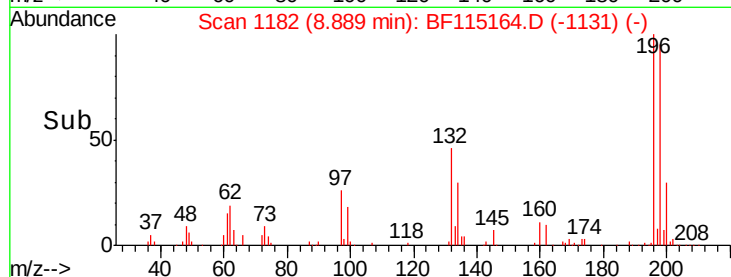
200 30.4 24.2 36.4



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: 37.759 ng

RT: 8.92 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

Tgt Ion:196 Resp: 476848

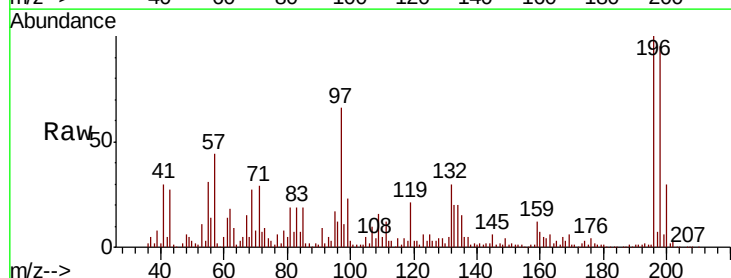
Ion Ratio Lower Upper

196 100

198 94.5 77.1 115.7

97 66.0 37.7 56.5#

132 29.8 23.1 34.7

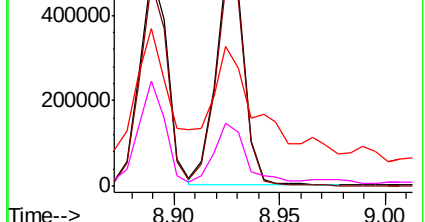
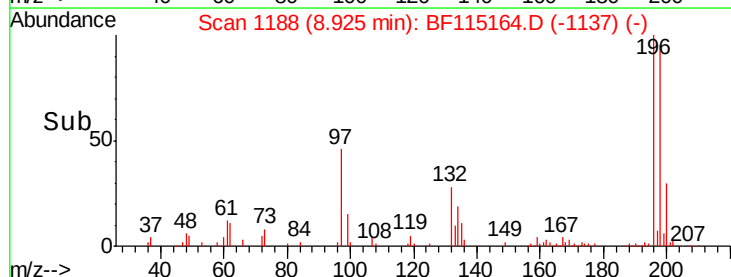


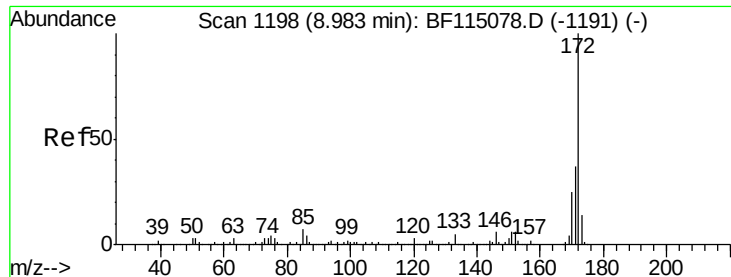
Abundance Ion 196.00 (195.70 to 196.70): E

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

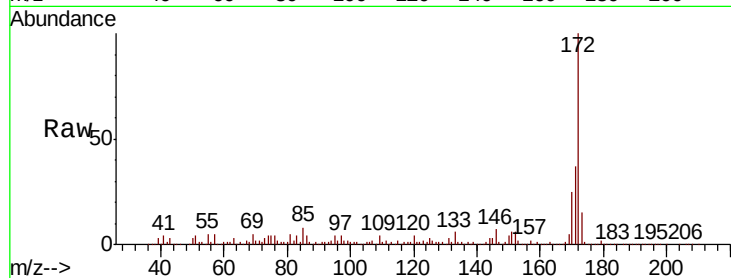




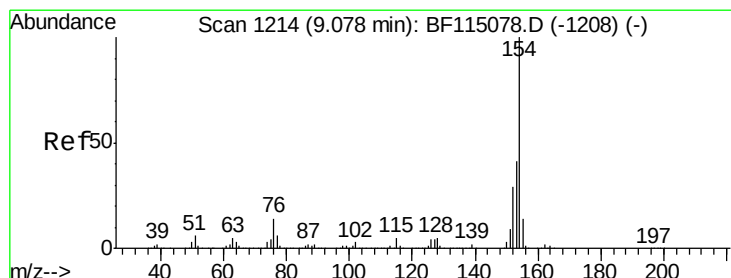
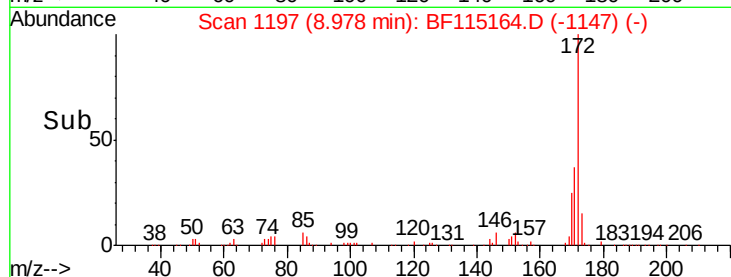
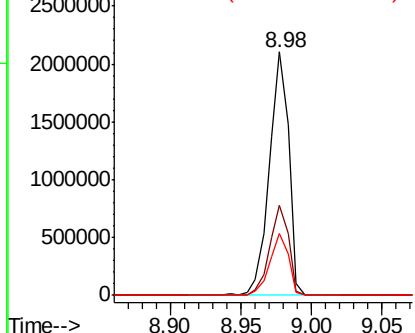
#45
2-Fluorobiphenyl
Concen: 61.702 ng
RT: 8.98 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

Instrument :
BNA_F
ClientSampled :
TP-3MSD

Tot Ion:172 Resp: 2041859
Ion Ratio Lower Upper
172 100
171 37.2 29.8 44.6
170 25.4 20.3 30.5

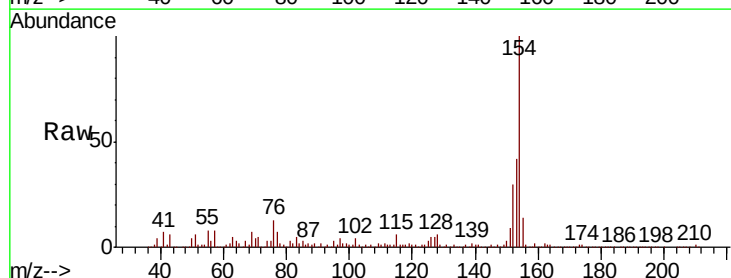


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

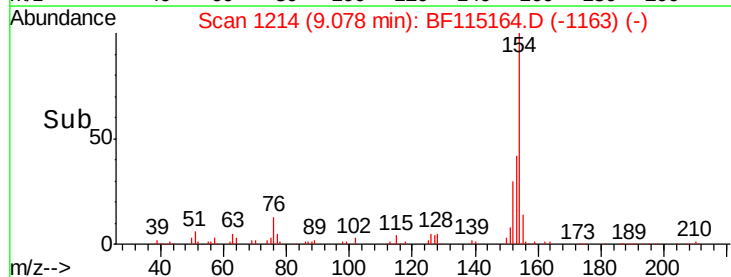
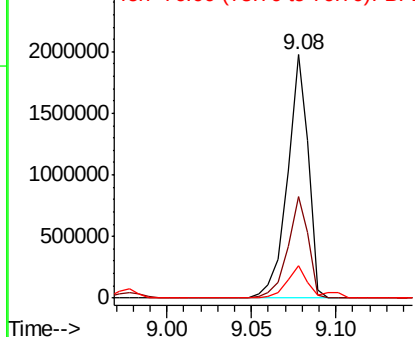


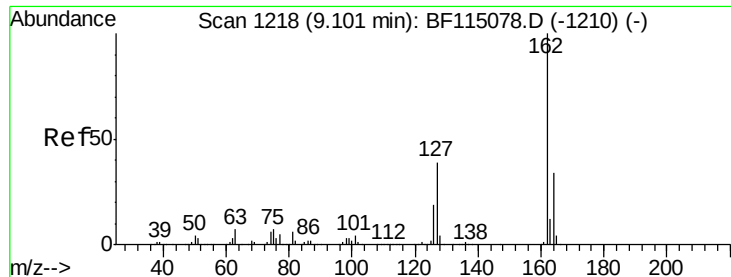
#46
1,1'-Biphenyl
Concen: 37.631 ng
RT: 9.08 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

Tgt Ion:154 Resp: 1692527
Ion Ratio Lower Upper
154 100
153 41.7 20.9 60.9
76 13.3 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

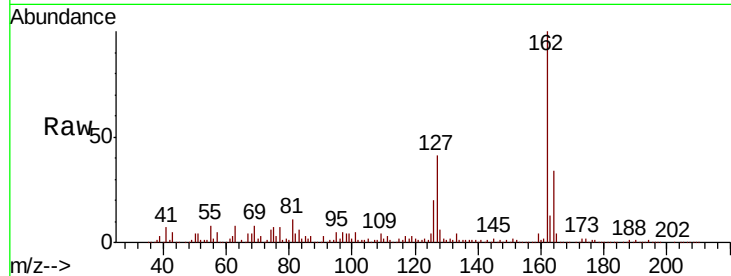




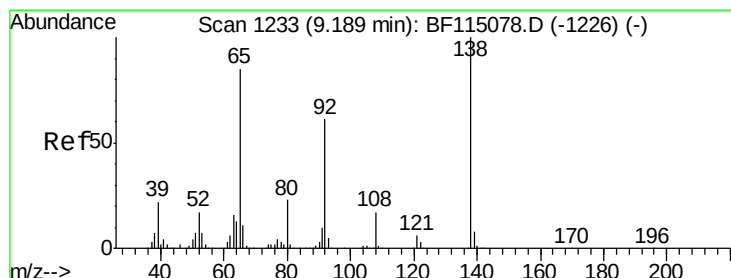
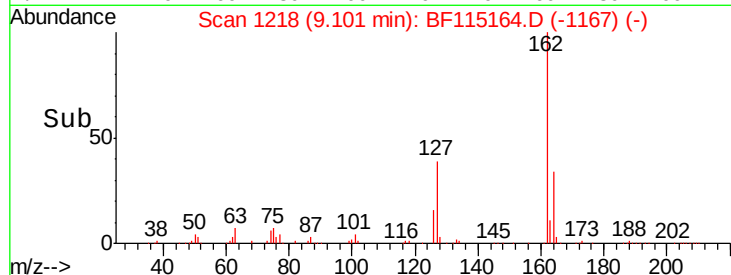
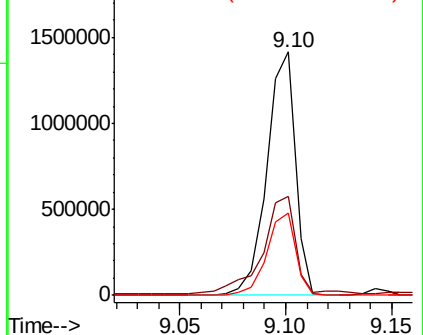
#47
2-Chloronaphthalene
Concen: 36.440 ng
RT: 9.10 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion:162 Resp: 1329465
Ion Ratio Lower Upper
162 100
127 40.5 30.8 46.2
164 34.1 27.0 40.4

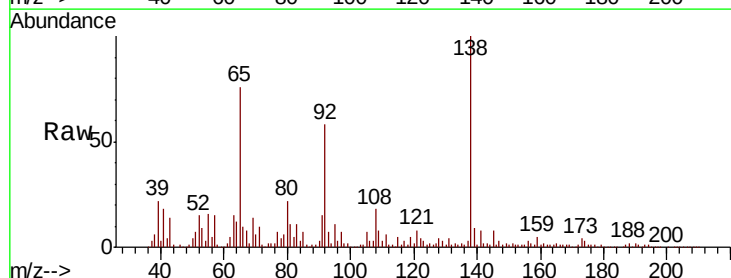


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

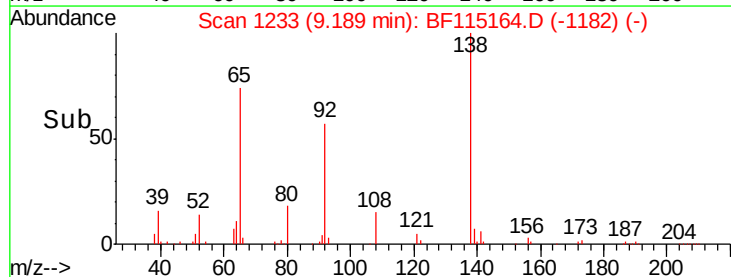
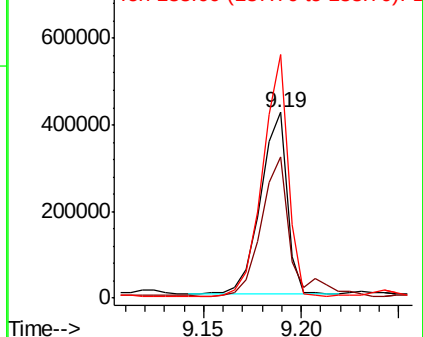


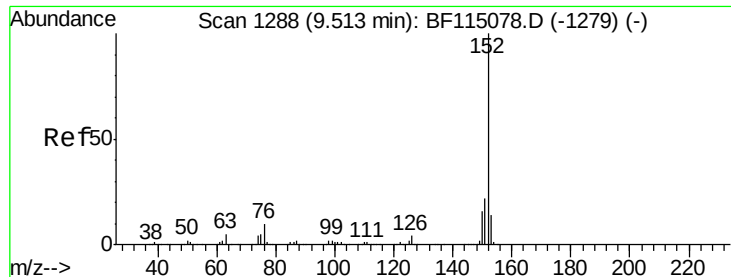
#48
2-Nitroaniline
Concen: 37.261 ng
RT: 9.19 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

Tgt Ion: 65 Resp: 396322
Ion Ratio Lower Upper
65 100
92 75.9 57.4 86.2
138 131.0 94.1 141.1



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





#49

Acenaphthylene

Concen: 38.010 ng

RT: 9.51 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

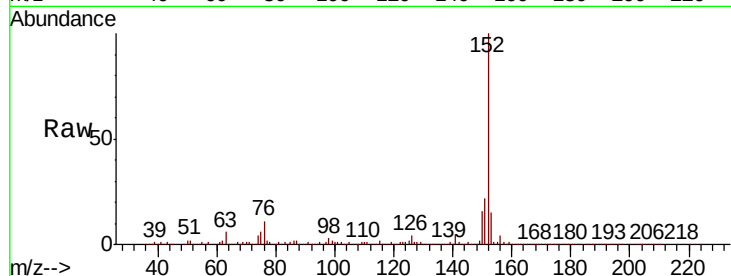
Tot Ion:152 Resp: 2160585

Ion Ratio Lower Upper

152 100

151 21.9 17.2 25.8

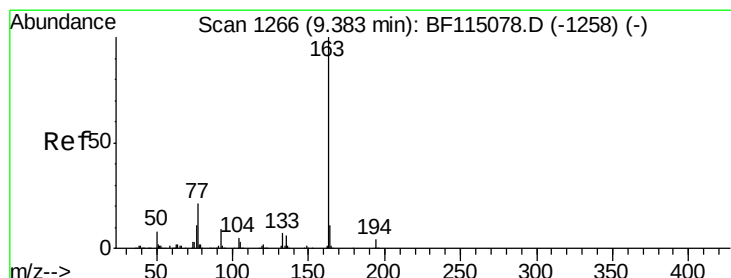
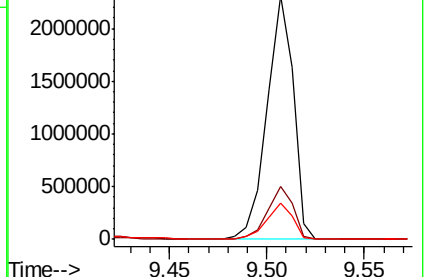
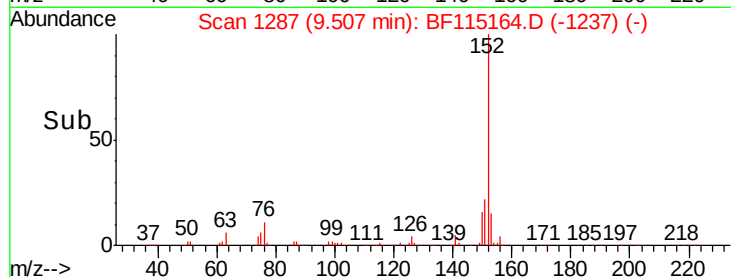
153 15.1 11.0 16.6



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: 49.516 ng

RT: 9.38 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

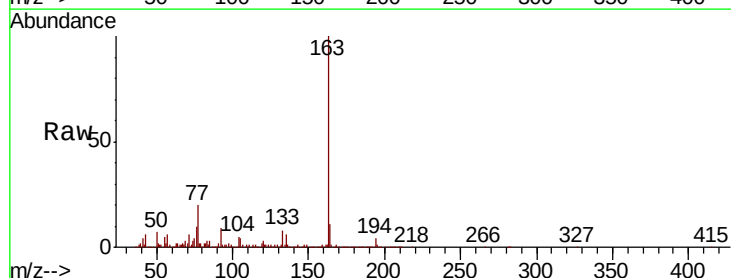
Tgt Ion:163 Resp: 2047784

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

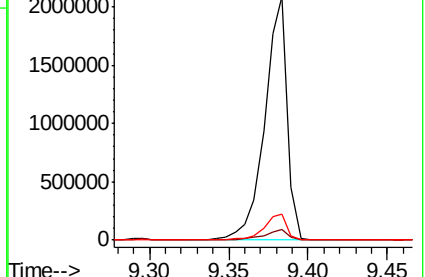
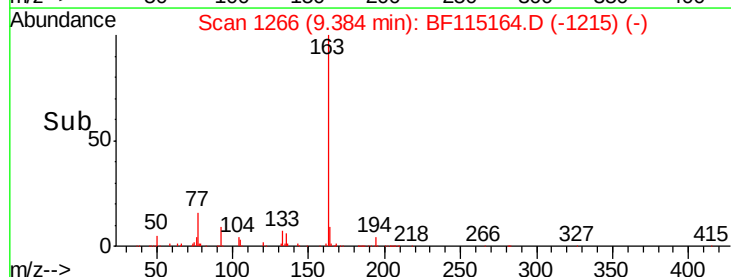
164 10.8 8.6 13.0

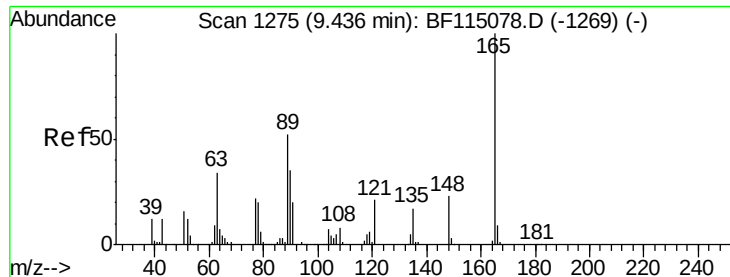


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

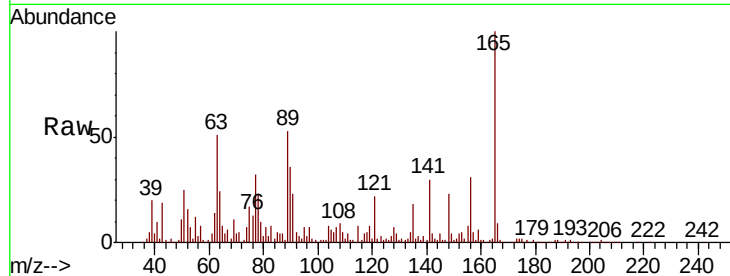




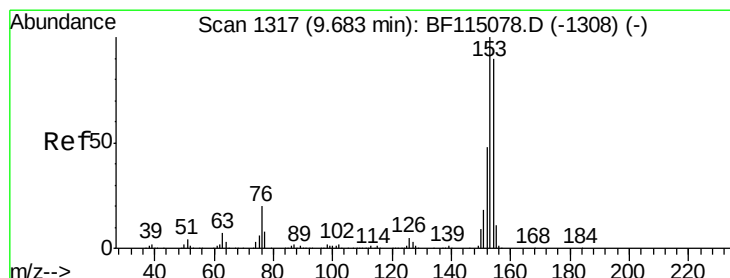
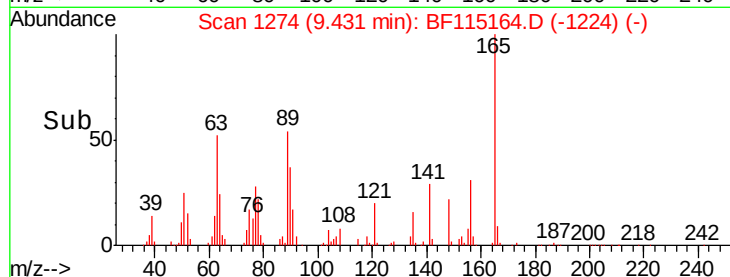
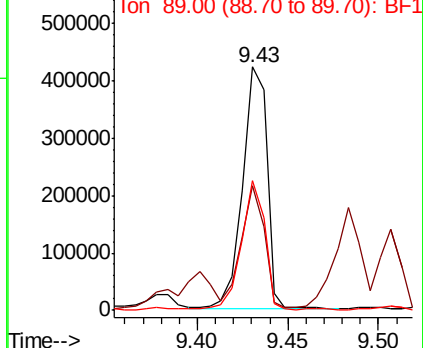
#51
 2,6-Dinitrotoluene
 Concen: 41.100 ng
 RT: 9.43 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BF115164.D
 Acq: 24 Jun 2019 23:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Tot Ion:165 Resp: 392410
 Ion Ratio Lower Upper
 165 100
 63 51.4 39.4 59.2
 89 53.4 42.0 63.0

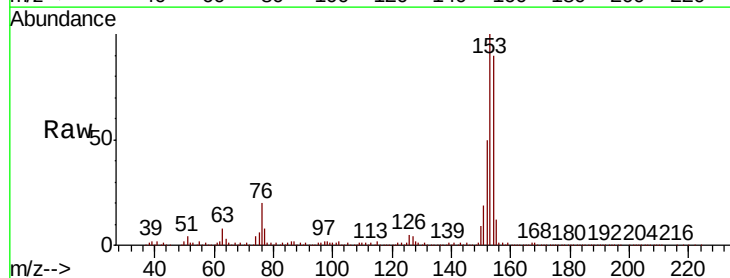


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

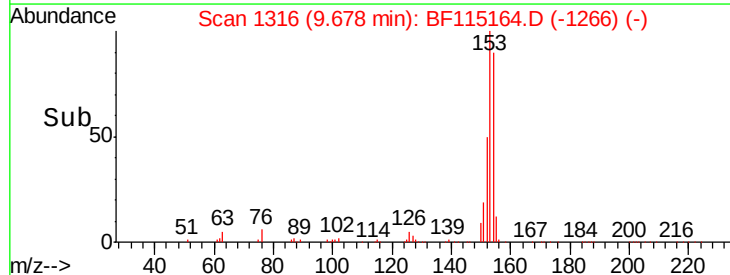
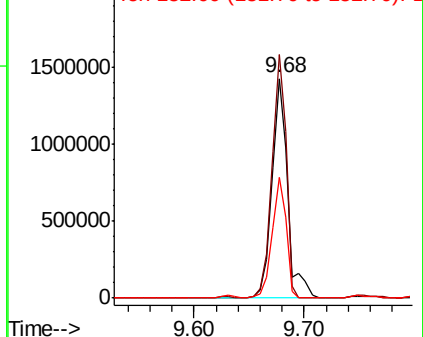


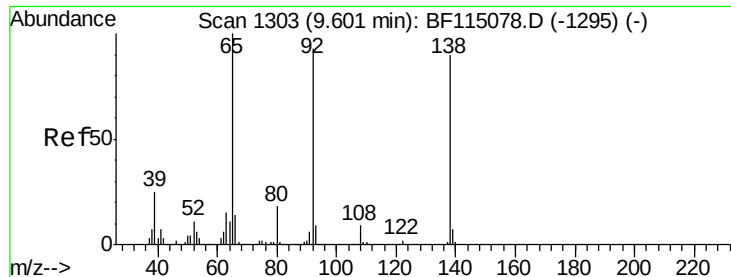
#52
 Acenaphthene
 Concen: 39.881 ng
 RT: 9.68 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF115164.D
 Acq: 24 Jun 2019 23:01

Tgt Ion:154 Resp: 1418502
 Ion Ratio Lower Upper
 154 100
 153 110.8 88.7 133.1
 152 55.2 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

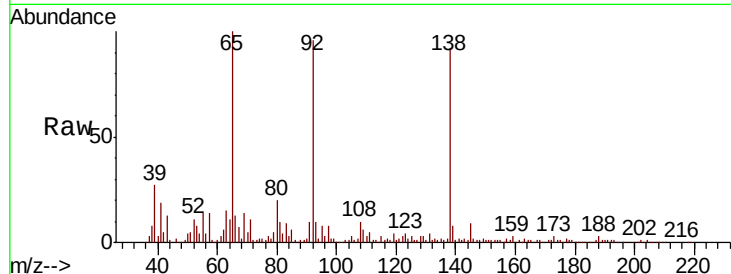




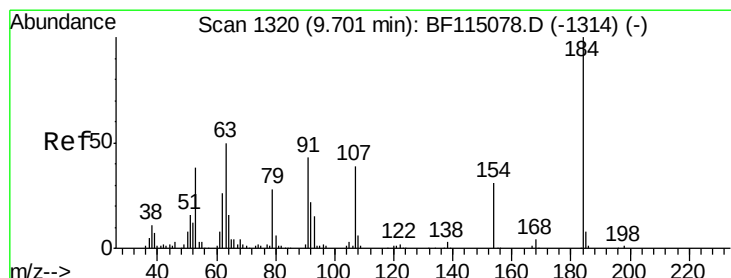
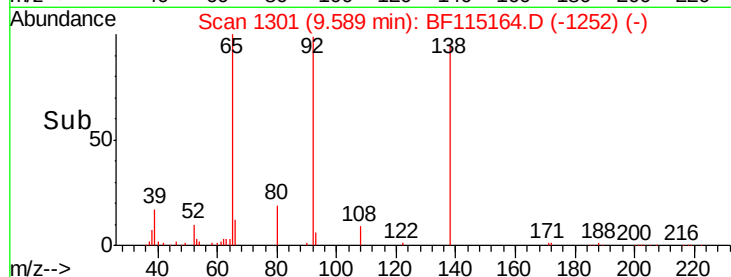
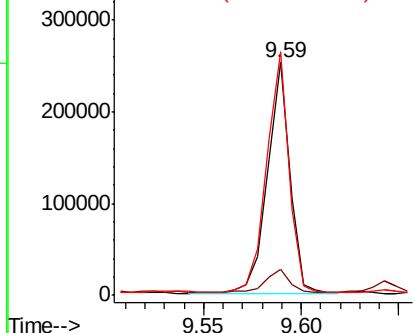
#53
3-Nitroaniline
Concen: 17.334 ng
RT: 9.59 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion:138 Resp: 201961
Ion Ratio Lower Upper
138 100
108 11.2 7.8 11.6
92 104.6 82.9 124.3

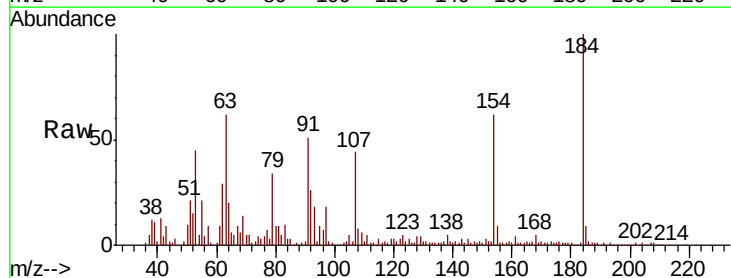


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

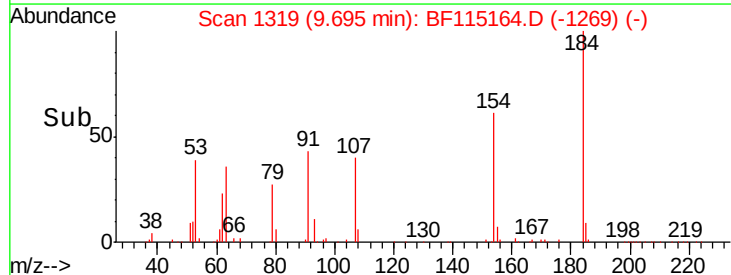
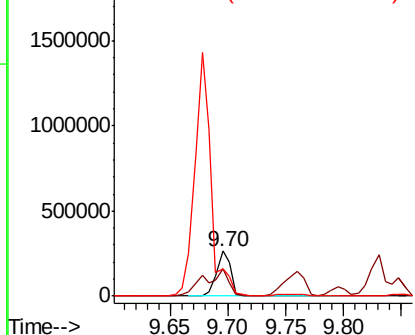


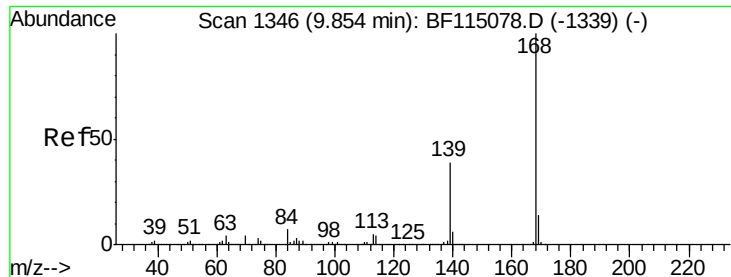
#54
2,4-Dinitrophenol
Concen: 49.056 ng
RT: 9.70 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

Tgt Ion:184 Resp: 225642
Ion Ratio Lower Upper
184 100
63 61.8 41.9 62.9
154 62.0 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

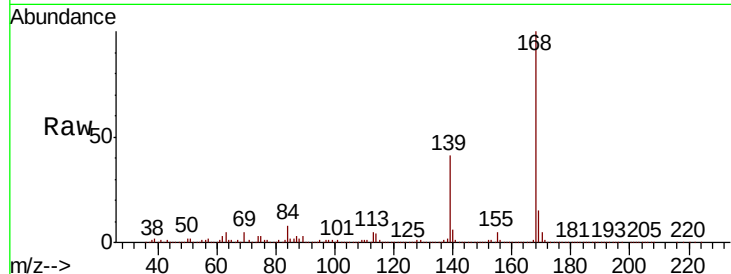




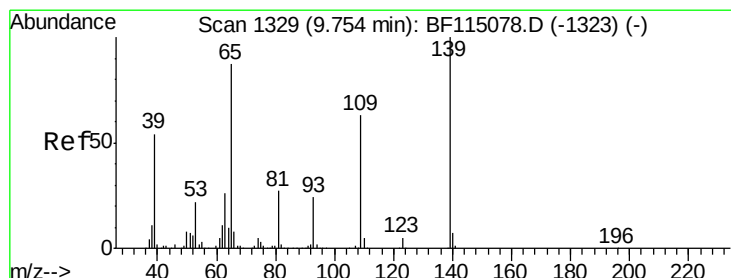
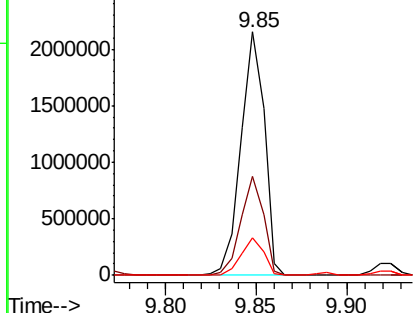
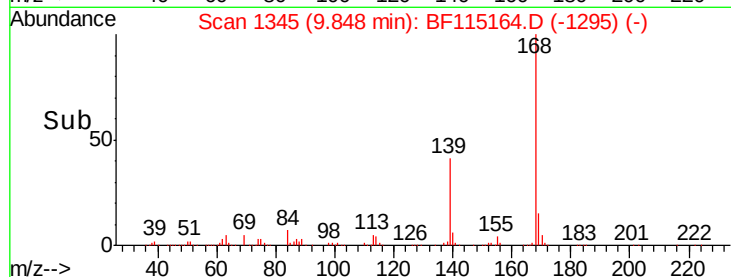
#55
Dibenzofuran
Concen: 37.998 ng
RT: 9.85 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

Instrument :
BNA_F
ClientSampled :
TP-3MSD

Tot Ion:168 Resp: 1939820
Ion Ratio Lower Upper
168 100
139 40.9 31.1 46.7
169 15.3 11.3 16.9

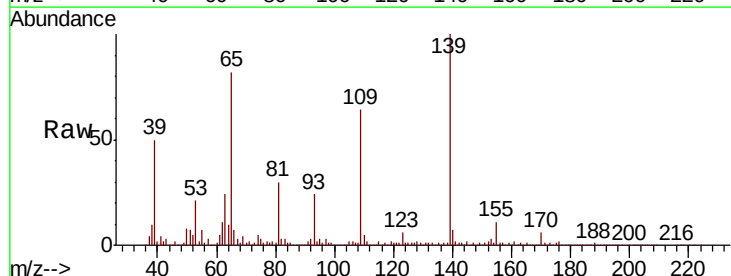


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

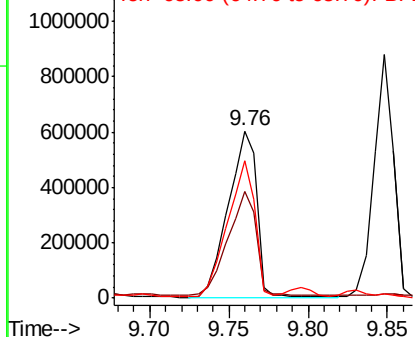
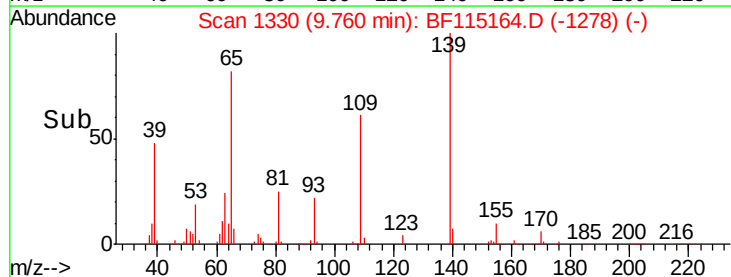


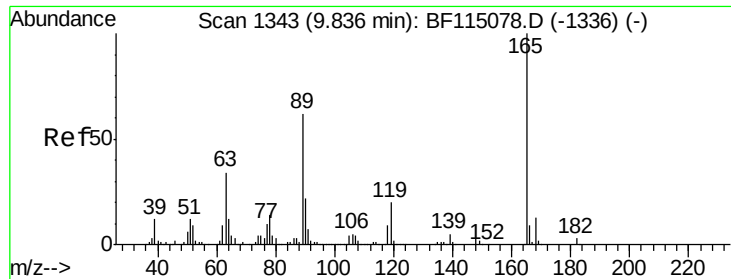
#56
4-Nitrophenol
Concen: 79.832 ng
RT: 9.76 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

Tgt Ion:139 Resp: 745705
Ion Ratio Lower Upper
139 100
109 64.0 43.0 83.0
65 82.0 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

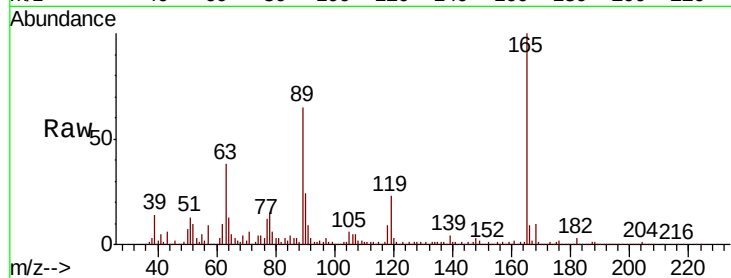




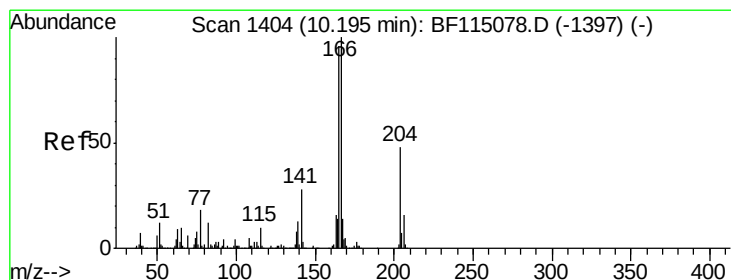
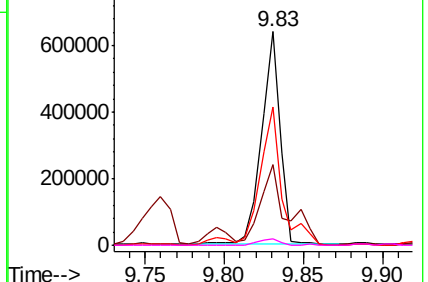
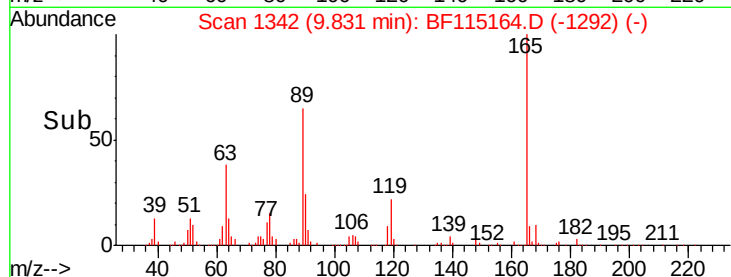
#57
 2,4-Dinitrotoluene
 Concen: 42.946 ng
 RT: 9.83 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF115164.D
 Acq: 24 Jun 2019 23:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Tot Ion:165 Resp: 529442
 Ion Ratio Lower Upper
 165 100
 63 37.6 27.5 41.3
 89 65.0 49.9 74.9
 182 3.2 2.1 3.1#

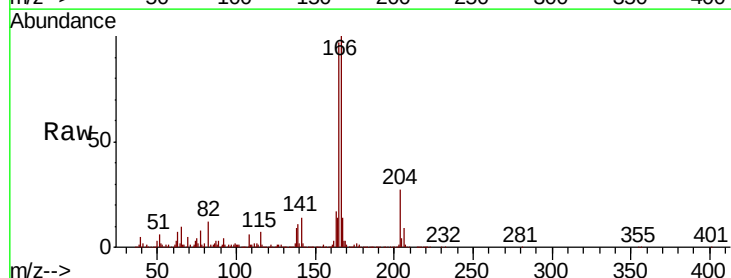


Abundance Ion 165.00 (164.70 to 165.70): E
 1000000 Ion 63.00 (62.70 to 63.70): BF1
 800000 Ion 89.00 (88.70 to 89.70): BF1
 600000 Ion 182.00 (181.70 to 182.70): E
 400000
 200000
 0

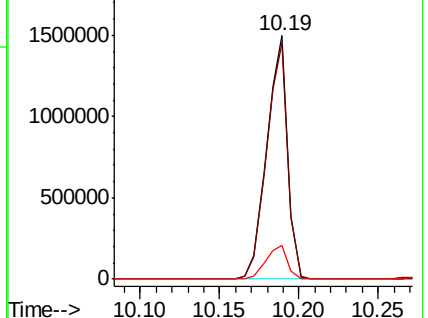
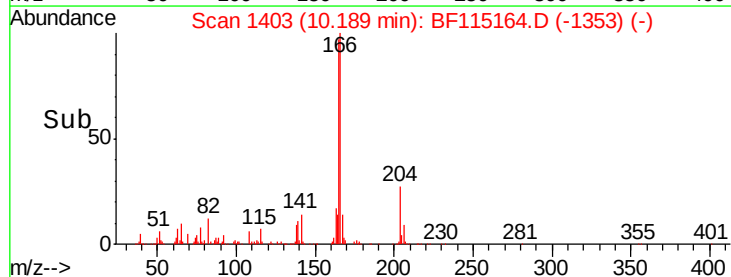


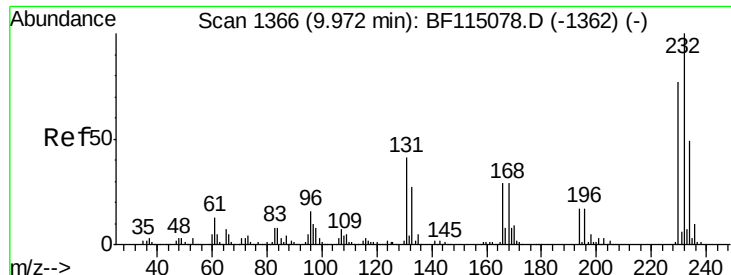
#58
 Fluorene
 Concen: 39.662 ng
 RT: 10.19 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF115164.D
 Acq: 24 Jun 2019 23:01

Tgt Ion:166 Resp: 1374640
 Ion Ratio Lower Upper
 166 100
 165 96.9 76.5 114.7
 167 13.8 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
 2000000 Ion 165.00 (164.70 to 165.70): E
 1500000 Ion 167.00 (166.70 to 167.70): E
 1000000
 500000
 0

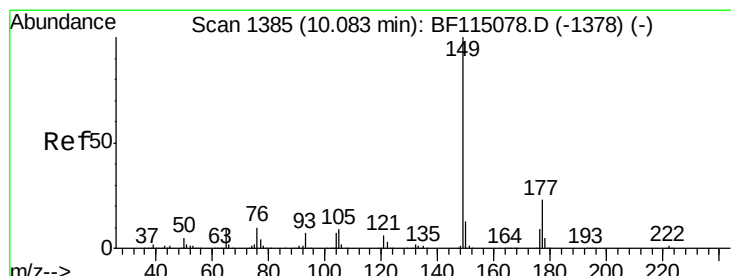
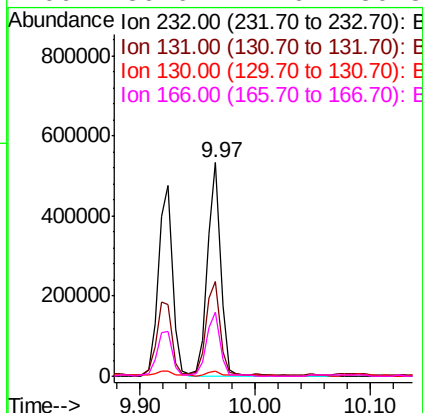
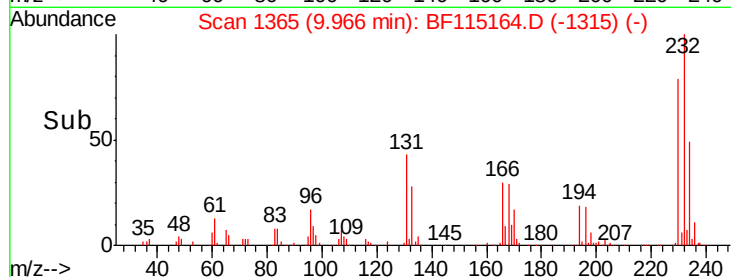
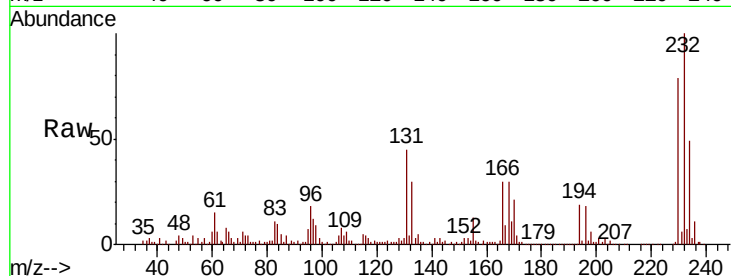




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.128 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF115164.D
 Acq: 24 Jun 2019 23:01

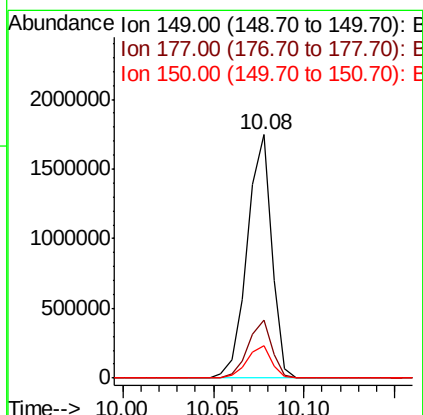
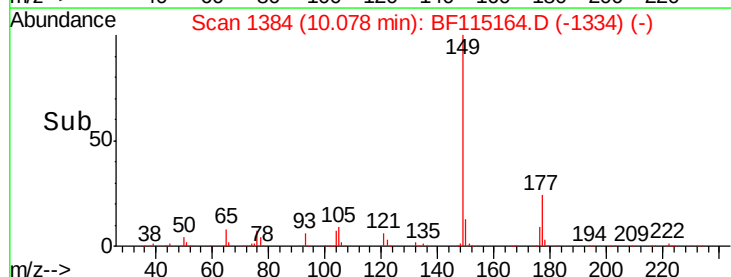
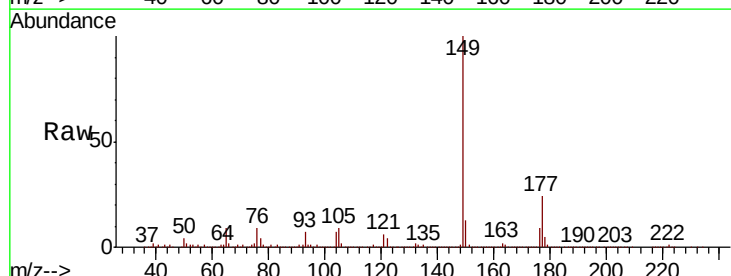
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

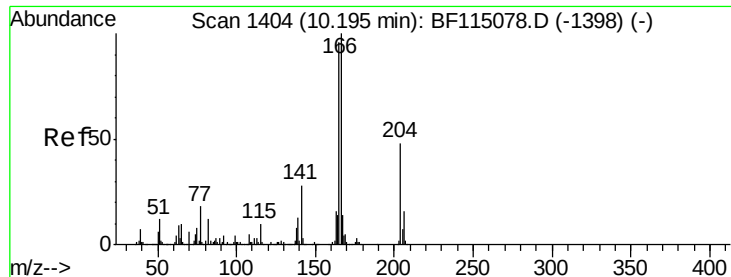
Tot Ion:	232	Resp:	424940
Ion	Ratio	Lower	Upper
232	100		
131	45.9	37.4	56.0
130	2.8	1.8	2.6
166	30.6	24.6	36.8



#60
 Diethylphthalate
 Concen: 39.259 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF115164.D
 Acq: 24 Jun 2019 23:01

Tgt Ion:	149	Resp:	1632044
Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.7	28.1
150	13.2	10.4	15.6

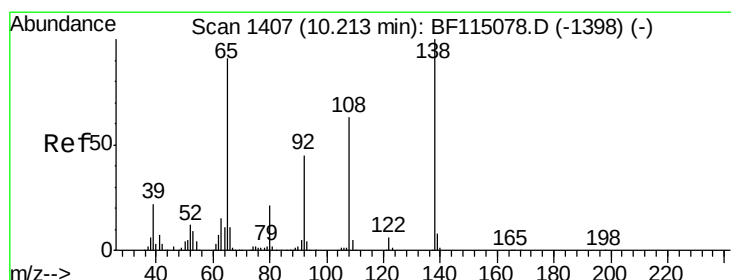
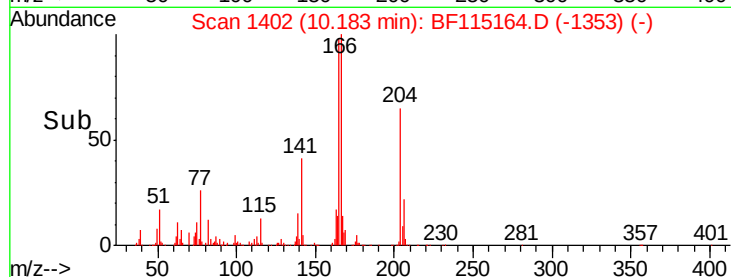
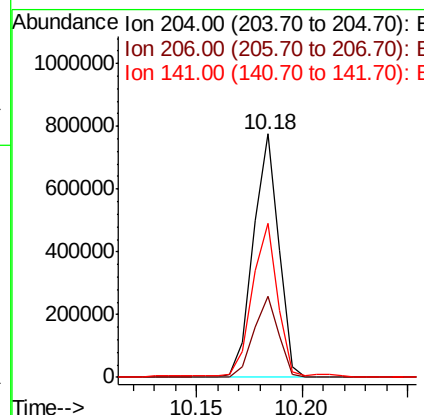
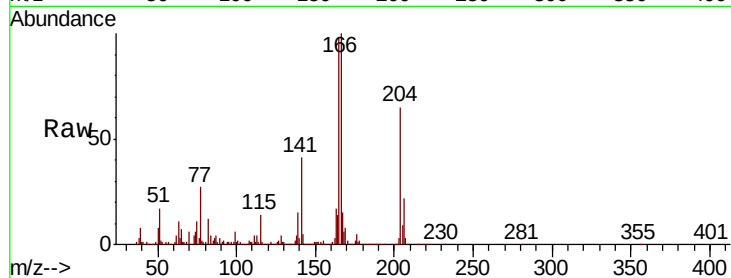




#61
4-Chlorophenyl-phenylether
Concen: 39.226 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

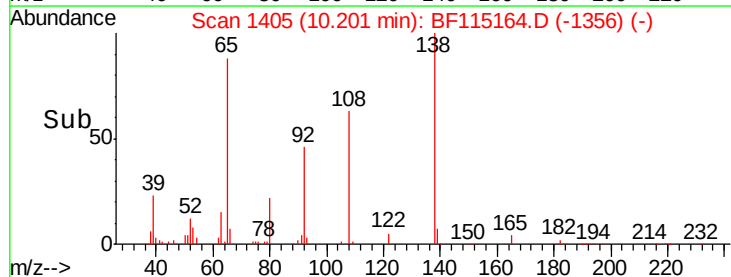
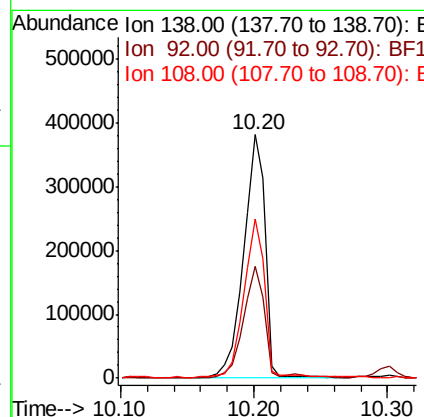
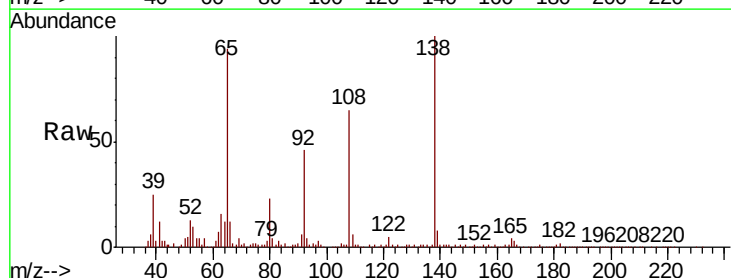
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

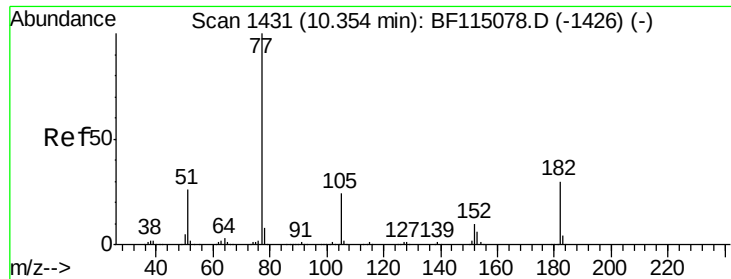
Tot Ion:204 Resp: 647685
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 63.3 46.7 70.1



#62
4-Nitroaniline
Concen: 35.919 ng
RT: 10.20 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

Tgt Ion:138 Resp: 419845
Ion Ratio Lower Upper
138 100
92 46.1 24.8 64.8
108 65.5 43.3 83.3





#63

Azobenzene

Concen: 38.572 ng

RT: 10.34 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tot Ion: 77 Resp: 1497689

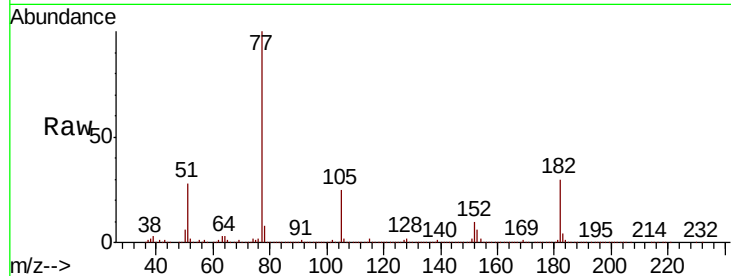
Ion	Ratio	Lower	Upper
77	100		
182	29.7	10.1	50.1
105	24.6	4.5	44.5
51	27.5	6.4	46.4

77 100

182 29.7 10.1 50.1

105 24.6 4.5 44.5

51 27.5 6.4 46.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

2500000

2000000

1500000

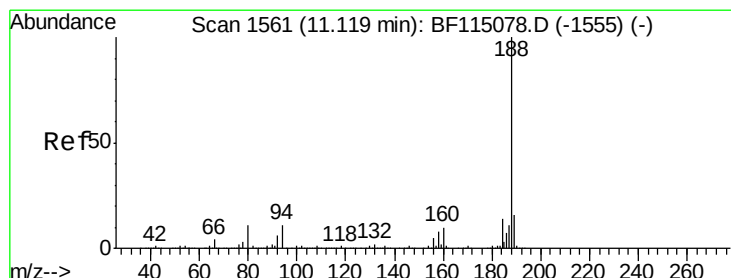
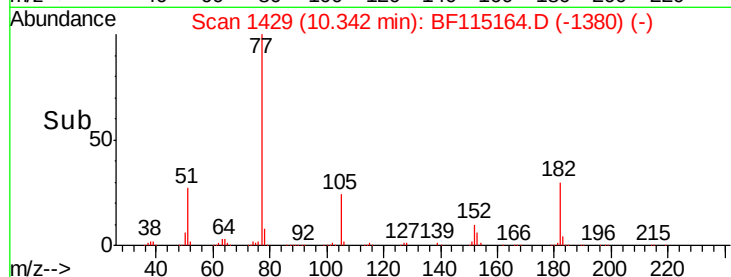
1000000

500000

0

10.30 10.35

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.11 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

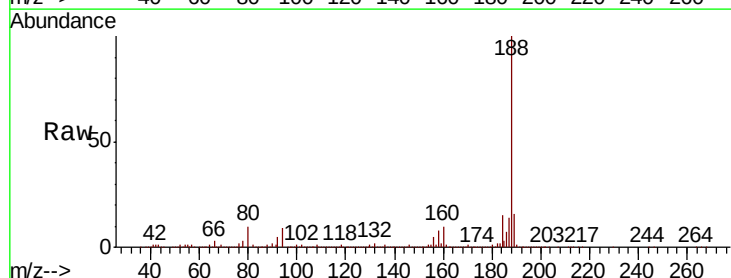
Tgt Ion: 188 Resp: 1136074

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.6	12.8
80	10.0	8.8	13.2

188 100

94 9.5 8.6 12.8

80 10.0 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

1500000

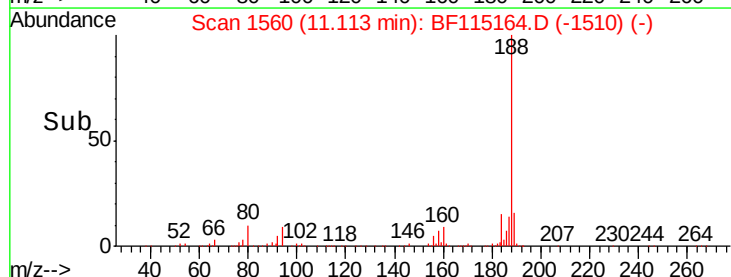
1000000

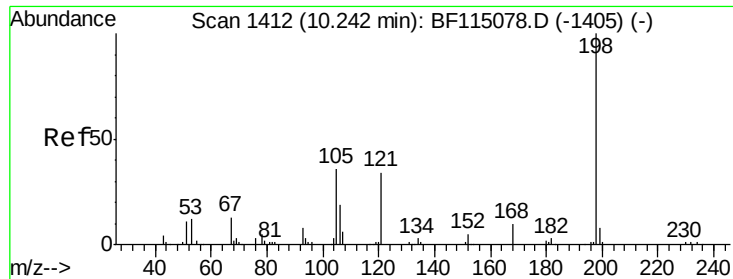
500000

0

11.05 11.10 11.15

Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 32.504 ng

RT: 10.23 min Scan# 1410

Delta R.T. -0.01 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

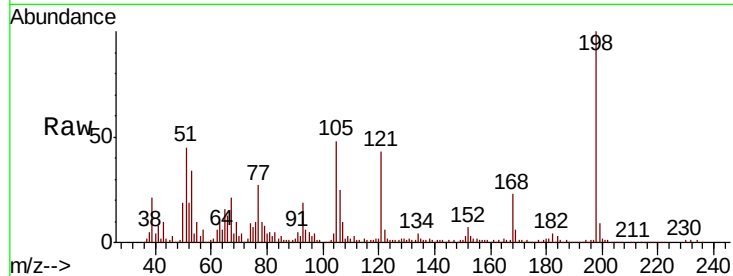
Tot Ion:198 Resp: 185689

Ion Ratio Lower Upper

198 100

51 44.5 11.0 51.0

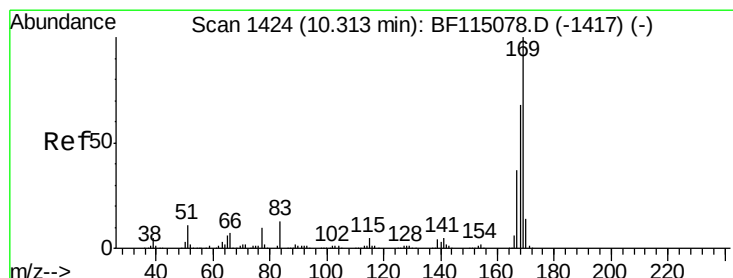
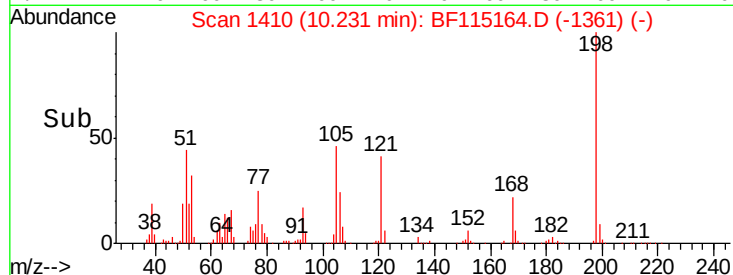
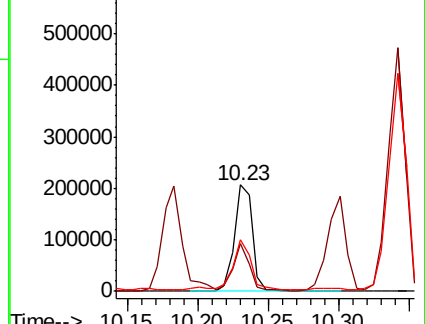
105 48.4 17.3 57.3



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: 39.588 ng

RT: 10.30 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

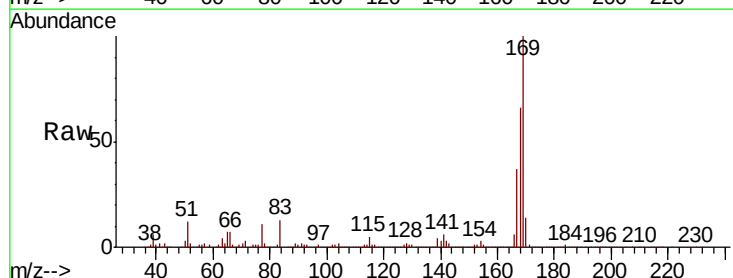
Tgt Ion:169 Resp: 1401189

Ion Ratio Lower Upper

169 100

168 66.3 54.2 81.4

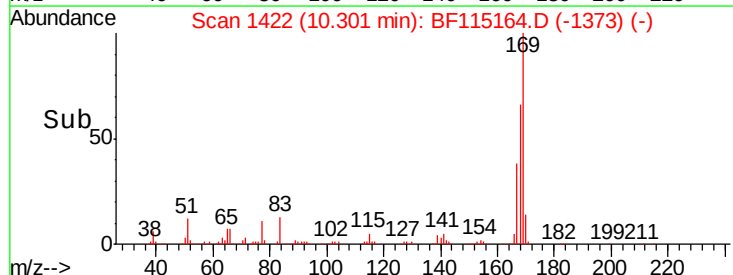
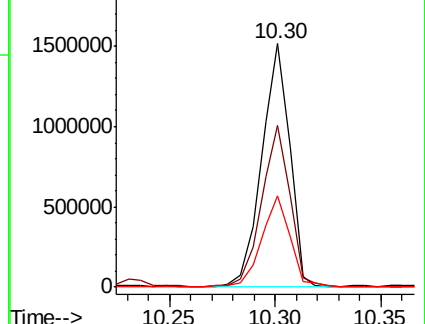
167 37.5 29.4 44.0

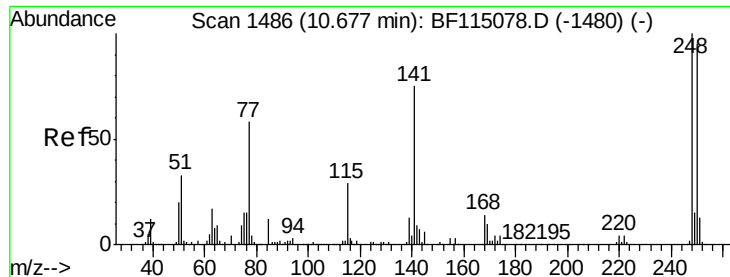


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

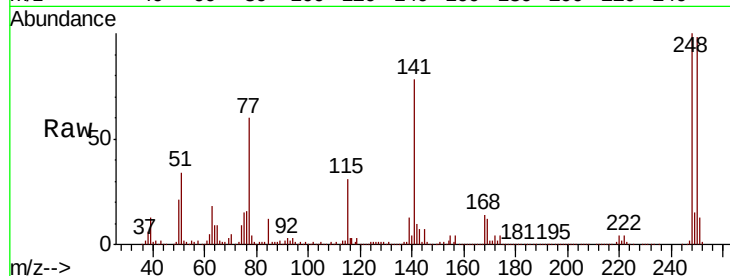




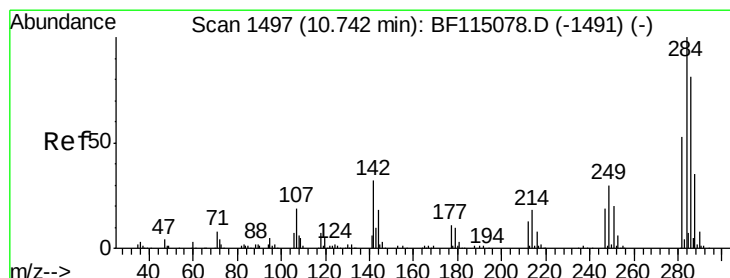
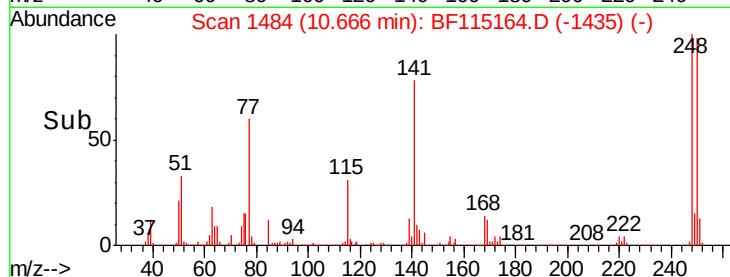
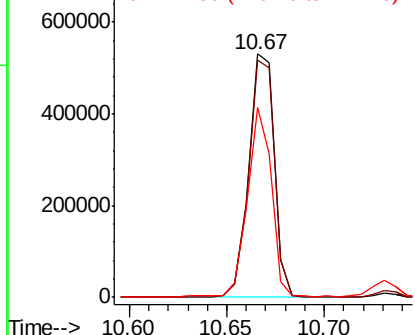
#67
4-Bromophenyl-phenylether
Concen: 39.075 ng
RT: 10.67 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion:248 Resp: 481297
Ion Ratio Lower Upper
248 100
250 97.6 76.2 114.2
141 78.2 59.6 89.4

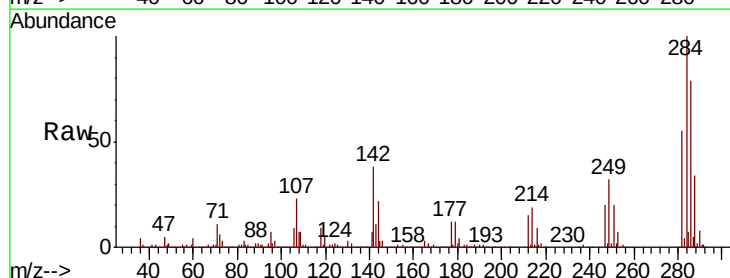


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

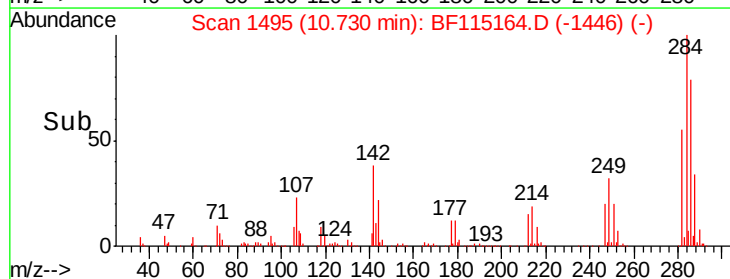
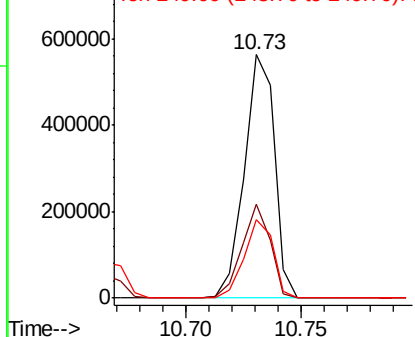


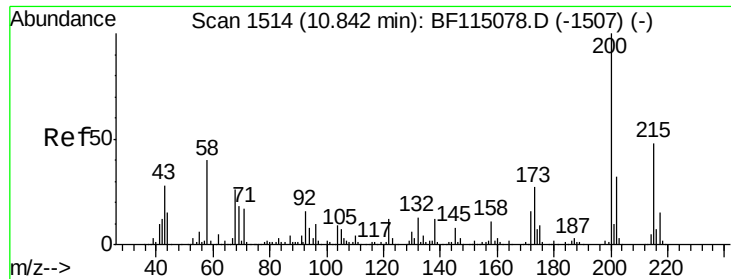
#68
Hexachlorobenzene
Concen: 38.507 ng
RT: 10.73 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

Tgt Ion:284 Resp: 514835
Ion Ratio Lower Upper
284 100
142 38.4 25.8 38.8
249 32.4 24.2 36.4



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

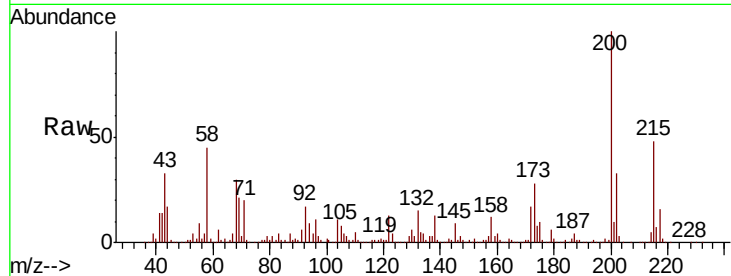




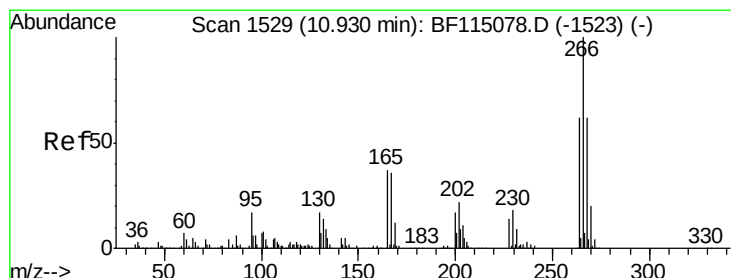
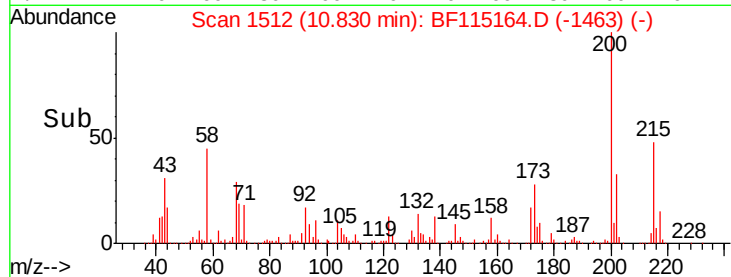
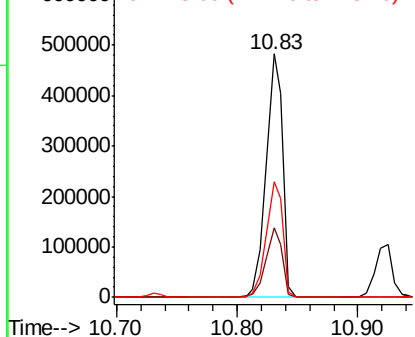
#69
Atrazine
Concen: 40.341 ng
RT: 10.83 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion:200 Resp: 459305
Ion Ratio Lower Upper
200 100
173 28.3 7.4 47.4
215 47.6 27.8 67.8

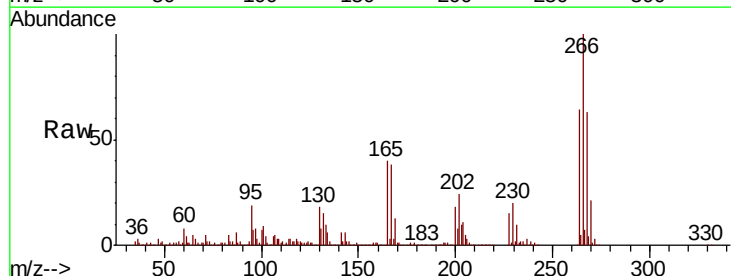


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

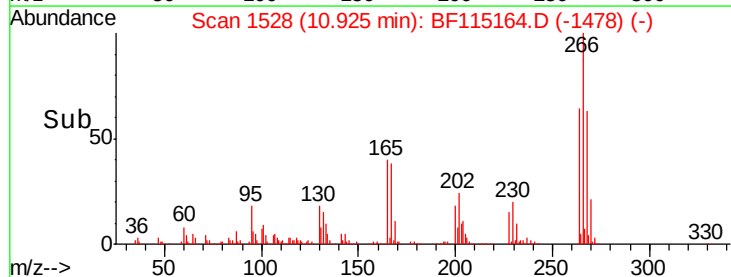
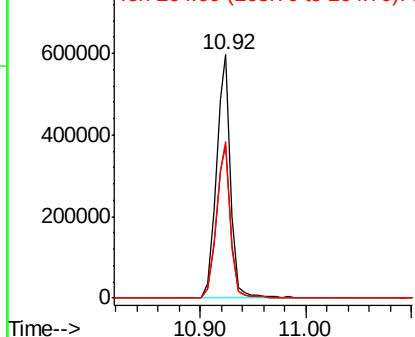


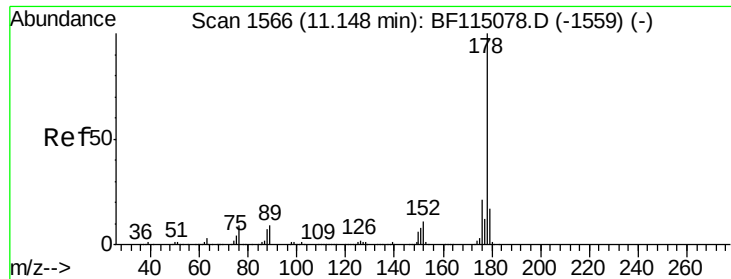
#70
Pentachlorophenol
Concen: 67.031 ng
RT: 10.92 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

Tgt Ion:266 Resp: 570932
Ion Ratio Lower Upper
266 100
268 62.7 49.5 74.3
264 64.3 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: 38.204 ng

RT: 11.14 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

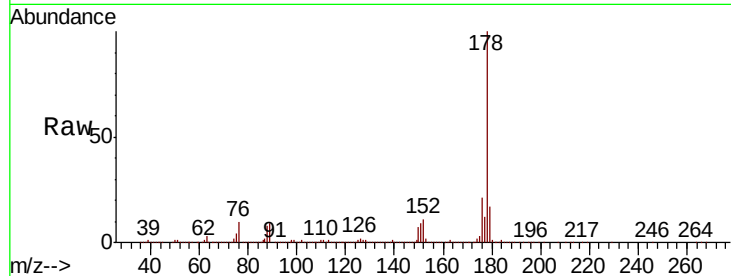
Tot Ion:178 Resp: 2336887

Ion Ratio Lower Upper

178 100

176 21.4 16.9 25.3

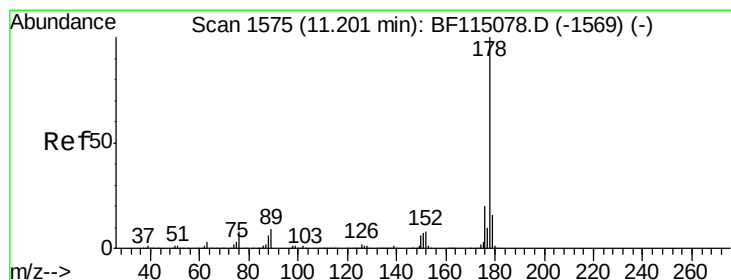
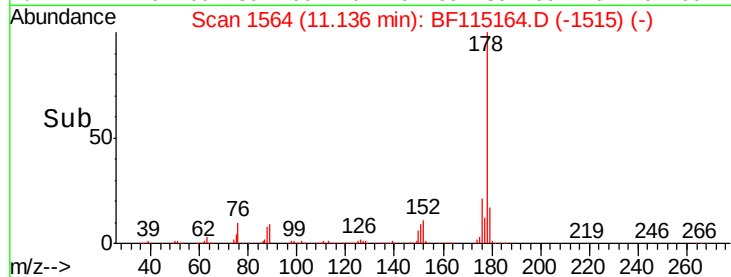
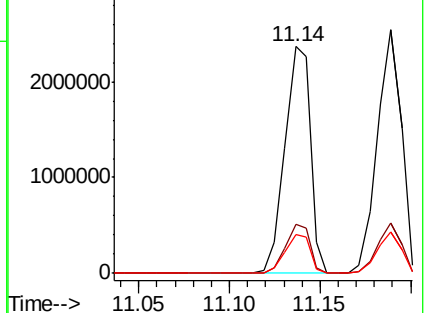
179 17.1 13.2 19.8



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: 38.048 ng

RT: 11.19 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

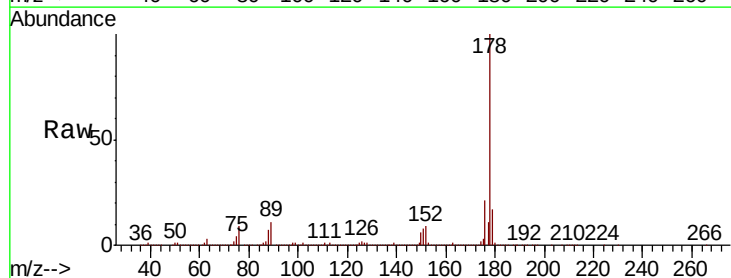
Tgt Ion:178 Resp: 2349261

Ion Ratio Lower Upper

178 100

176 20.8 16.1 24.1

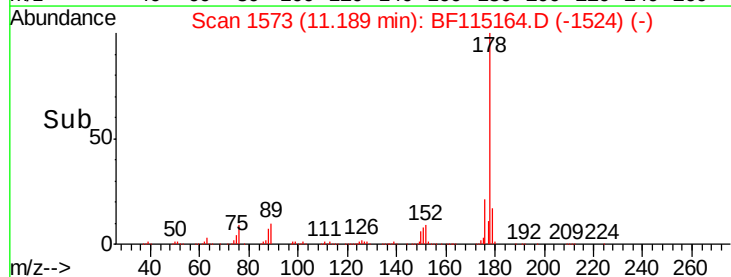
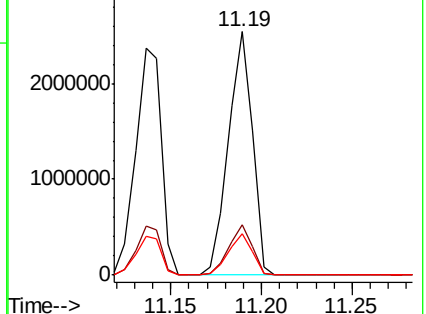
179 16.9 12.9 19.3

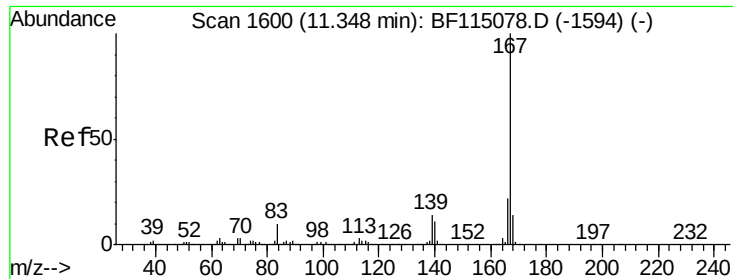


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



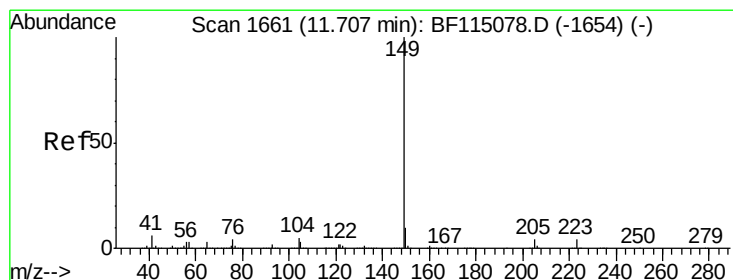
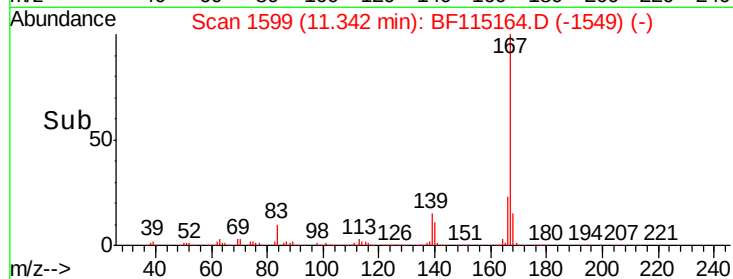
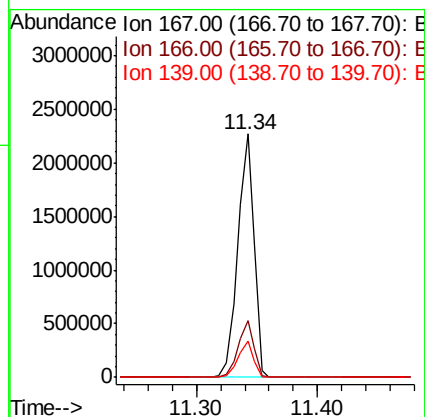
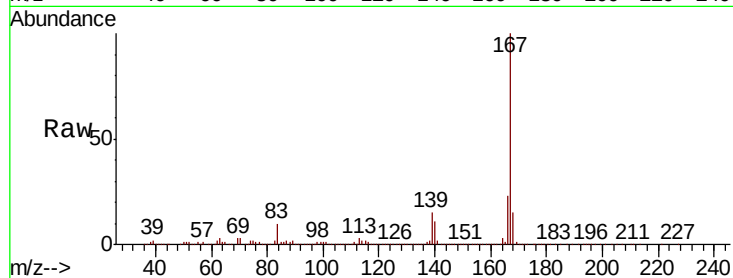


#73
 Carbazole
 Concen: 38.715 ng
 RT: 11.34 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF115164.D
 Acq: 24 Jun 2019 23:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Tot Ion:167 Resp: 2134563

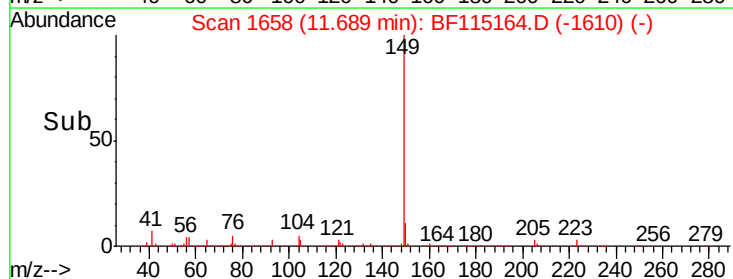
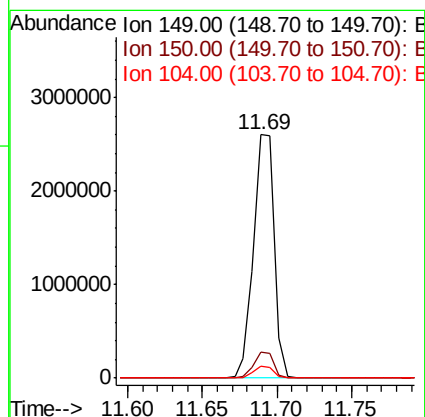
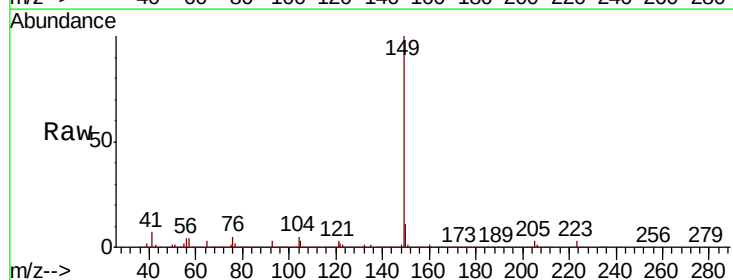
Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.0	27.0
139	14.8	11.1	16.7

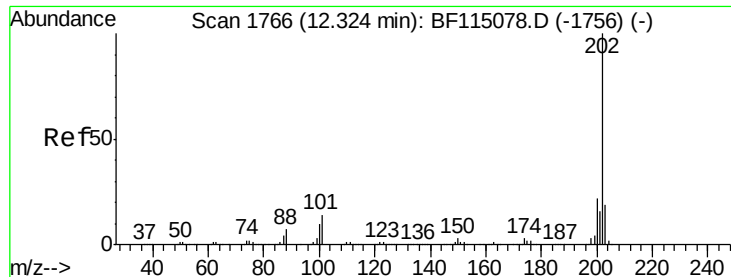


#74
 Di-n-butylphthalate
 Concen: 38.792 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BF115164.D
 Acq: 24 Jun 2019 23:01

Tgt Ion:149 Resp: 2471563

Ion	Ratio	Lower	Upper
149	100		
150	10.7	7.8	11.8
104	5.2	3.7	5.5

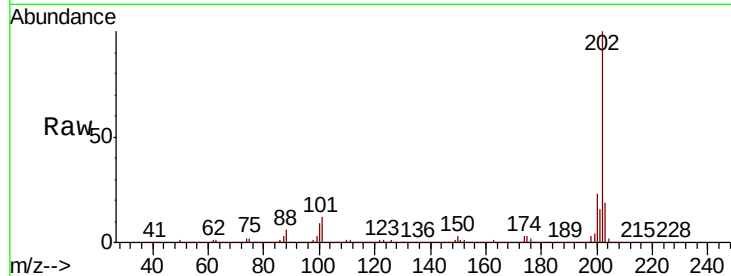




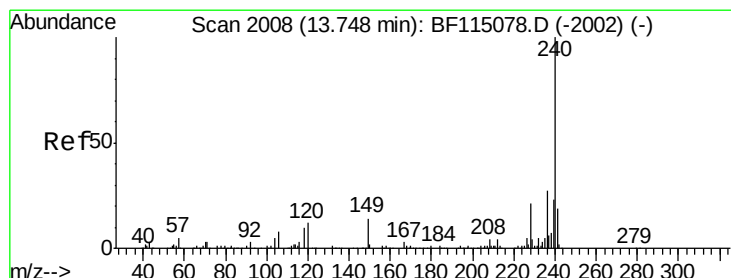
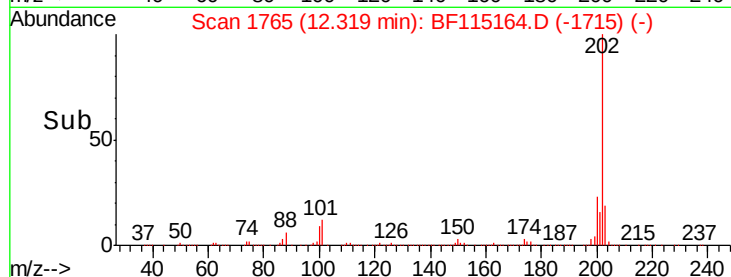
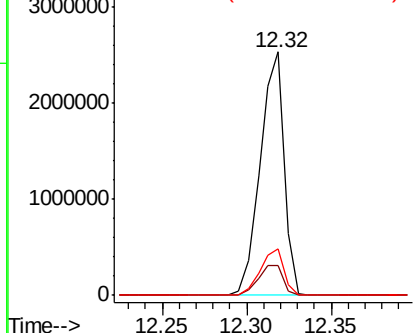
#75
Fluoranthene
Concen: 40.522 ng
RT: 12.32 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion:202 Resp: 2473043
Ion Ratio Lower Upper
202 100
101 12.3 0.0 34.0
203 19.1 0.0 38.8

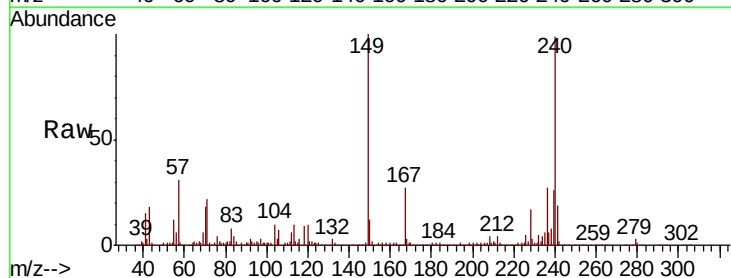


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

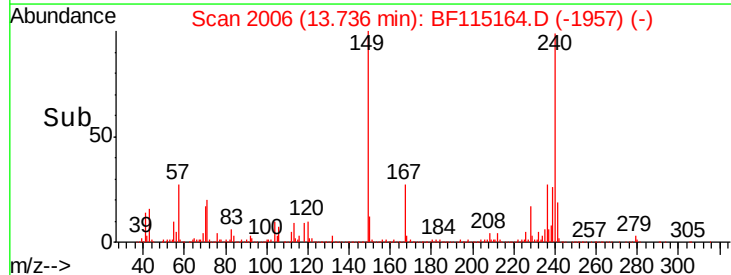
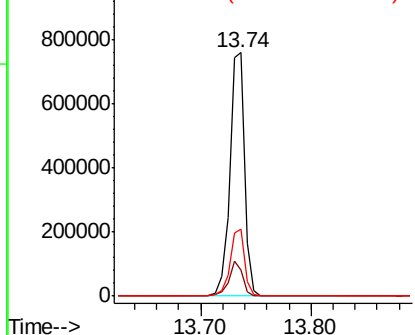


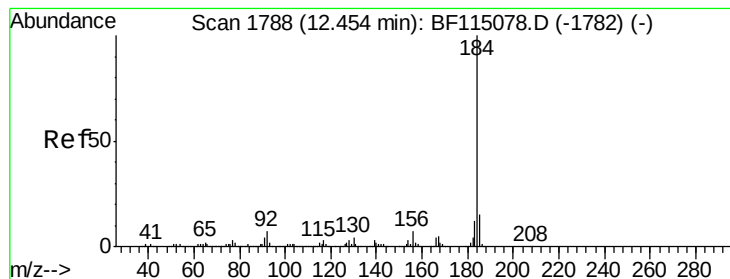
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.74 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

Tgt Ion:240 Resp: 710330
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.2
236 27.6 21.7 32.5



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





#77

Benzidine

Concen: 18.551 ng

RT: 12.44 min Scan# 1785

Delta R.T. -0.02 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

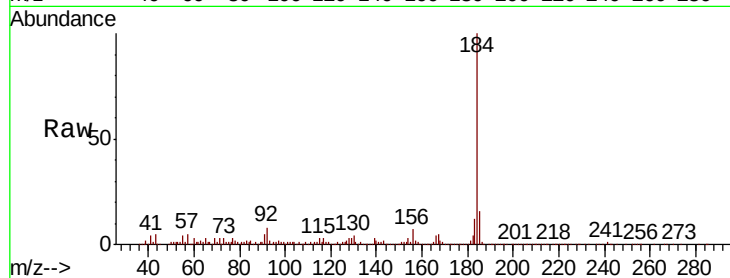
Tot Ion:184 Resp: 585135

Ion Ratio Lower Upper

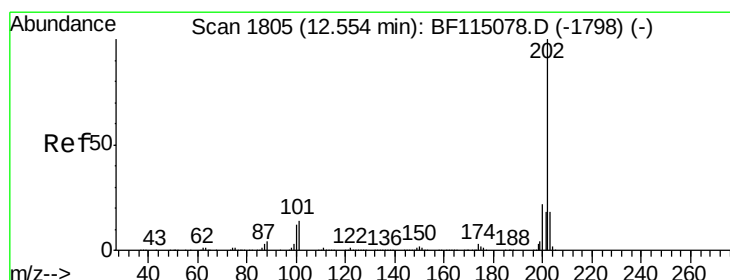
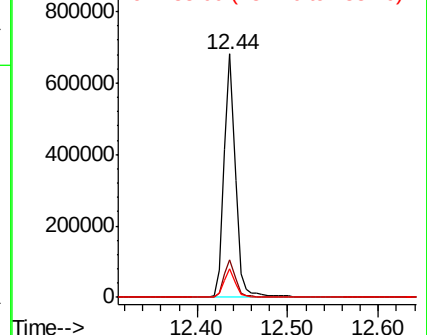
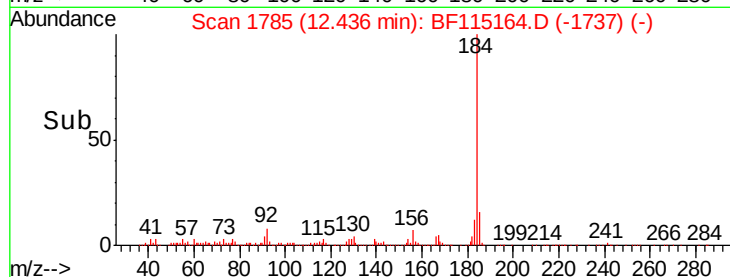
184 100

185 15.7 12.2 18.2

183 11.7 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.577 ng

RT: 12.54 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

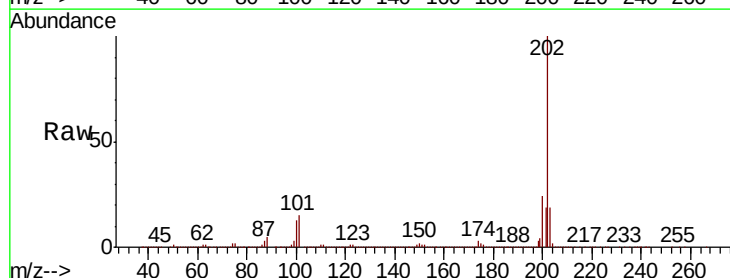
Tgt Ion:202 Resp: 2597169

Ion Ratio Lower Upper

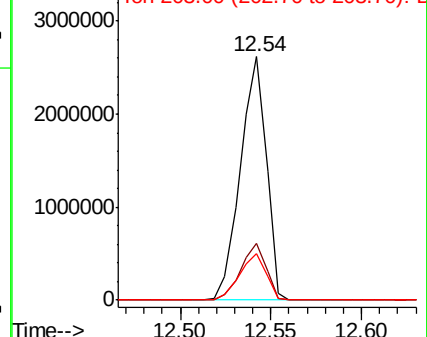
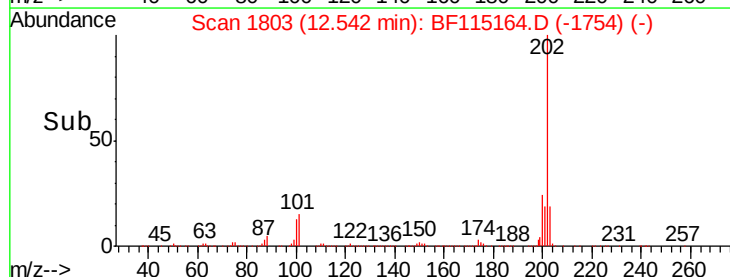
202 100

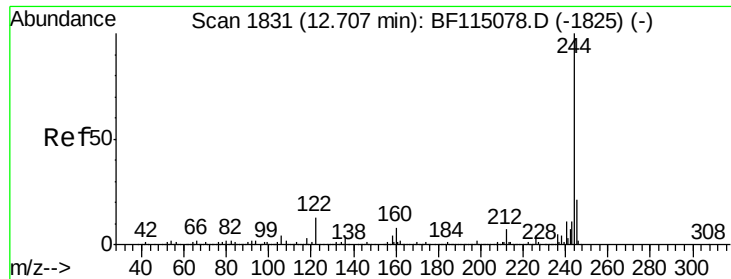
200 23.5 17.9 26.9

203 19.3 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

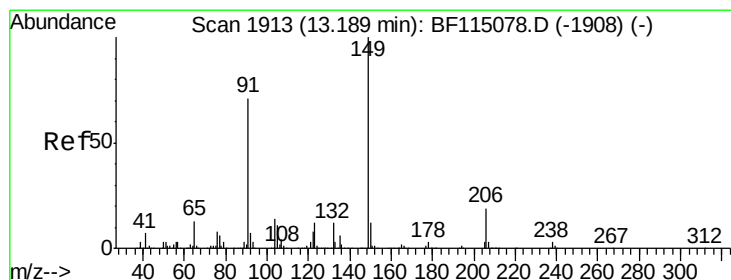
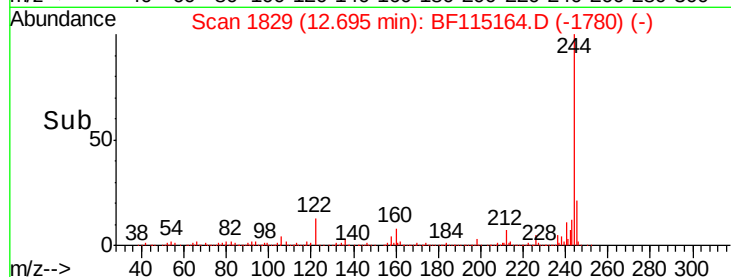
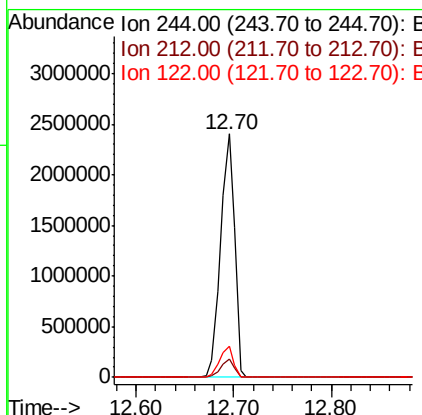
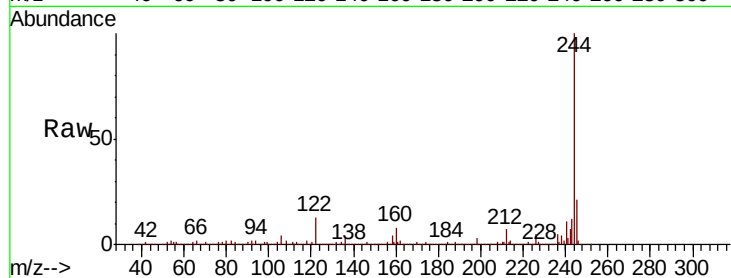




#79
 Terphenyl-d14
 Concen: 72.302 ng
 RT: 12.70 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF115164.D
 Acq: 24 Jun 2019 23:01

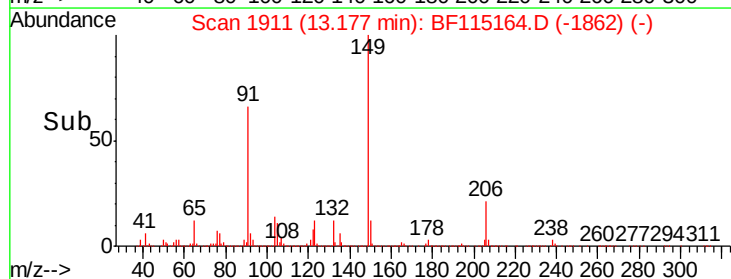
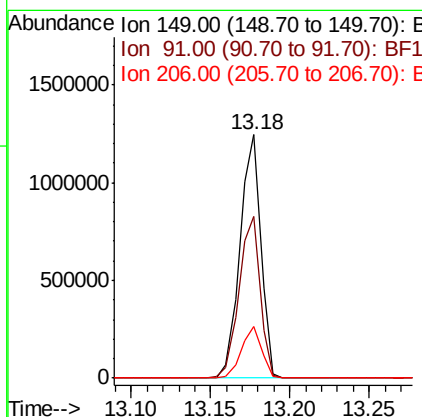
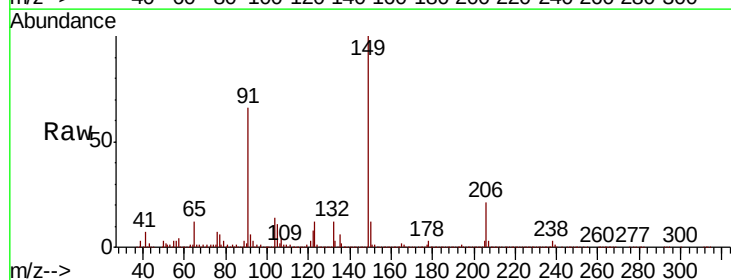
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

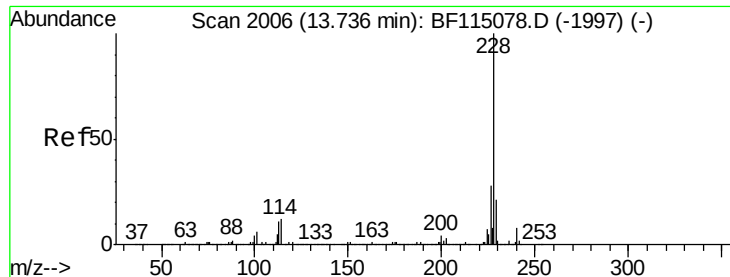
Tot Ion:244 Resp: 2415532
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 12.7 10.4 15.6



#80
 Butylbenzylphthalate
 Concen: 46.804 ng
 RT: 13.18 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BF115164.D
 Acq: 24 Jun 2019 23:01

Tgt Ion:149 Resp: 1127557
 Ion Ratio Lower Upper
 149 100
 91 66.4 56.5 84.7
 206 21.2 15.3 22.9





#81

Benzo(a)anthracene

Concen: 41.774 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

Instrument :

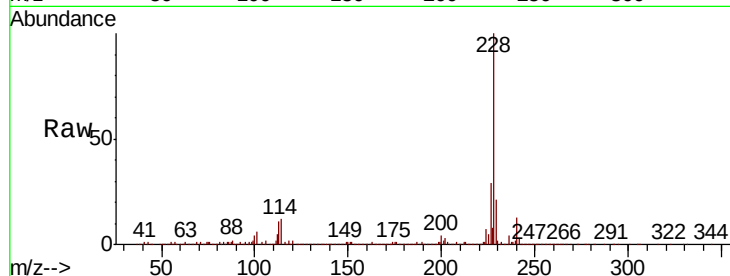
BNA_F

ClientSampled :

TP-3MSD

Tot Ion:228 Resp: 2129166

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.5	33.7
229	20.9	16.6	24.8

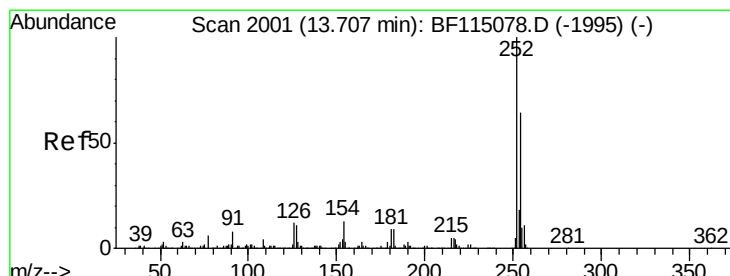
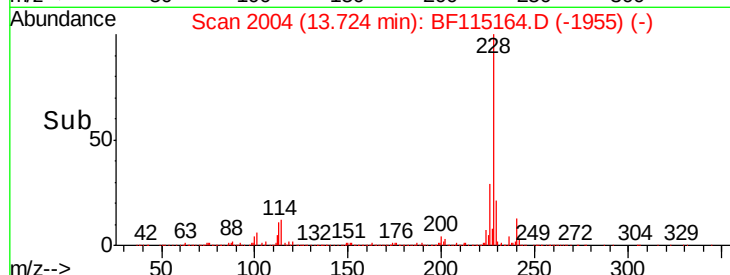
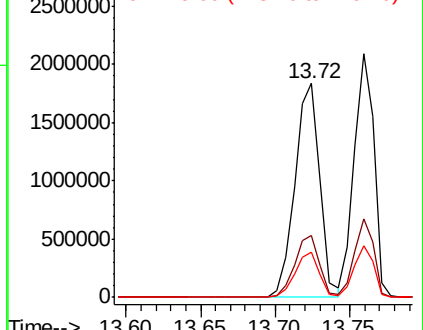


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 21.959 ng

RT: 13.69 min Scan# 1998

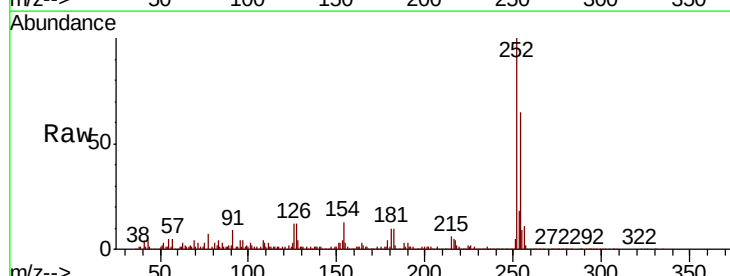
Delta R.T. -0.02 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

Tgt Ion:252 Resp: 404176

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.1	76.7
126	12.2	9.4	14.0

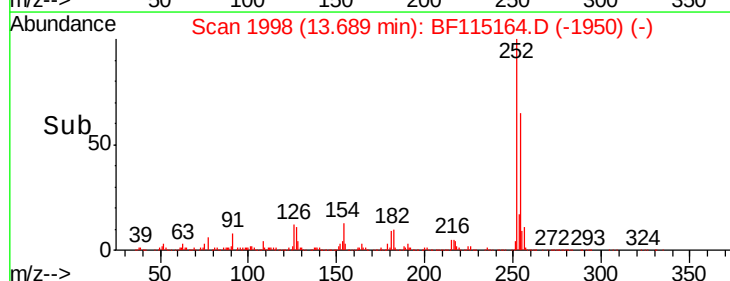
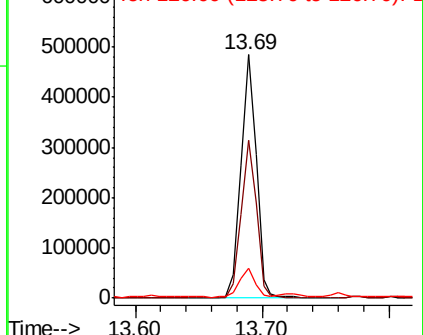


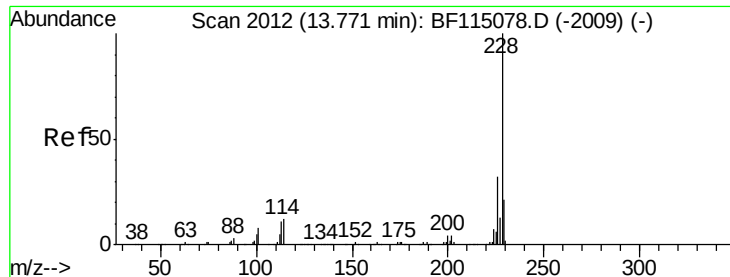
Abundance

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: 41.599 ng

RT: 13.76 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

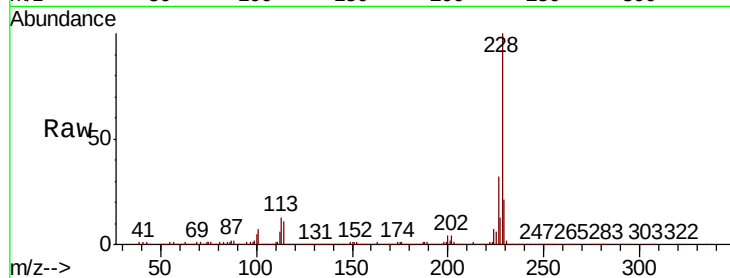
Tot Ion:228 Resp: 1942194

Ion Ratio Lower Upper

228 100

226 32.4 25.4 38.0

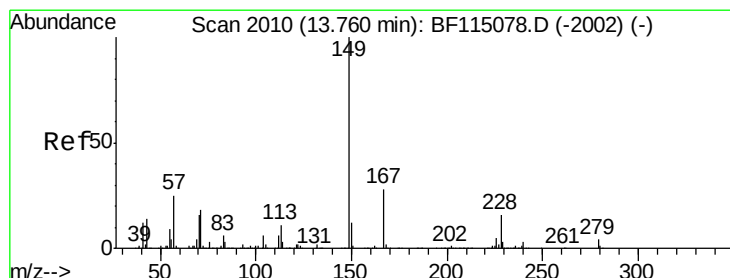
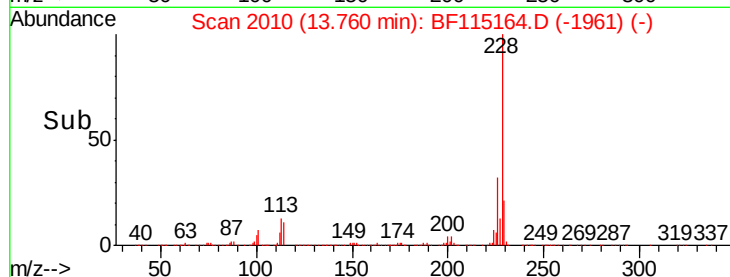
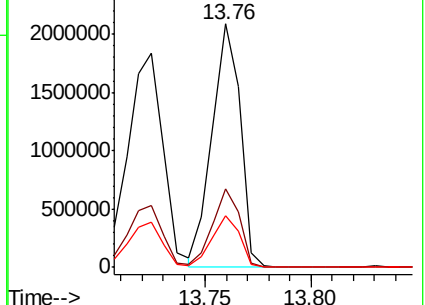
229 21.1 16.5 24.7



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: 46.514 ng

RT: 13.74 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

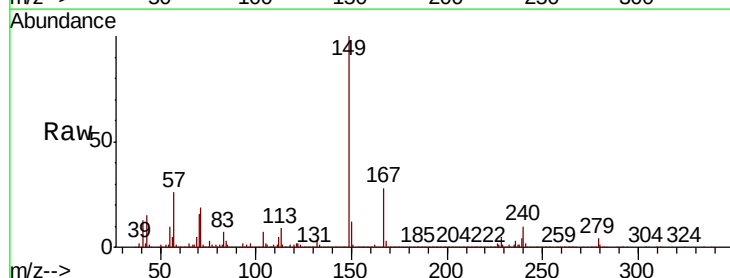
Tgt Ion:149 Resp: 1468277

Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.4

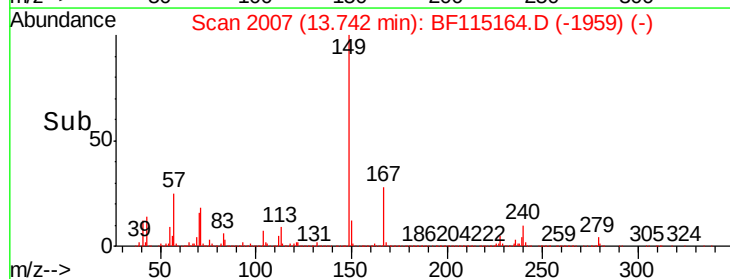
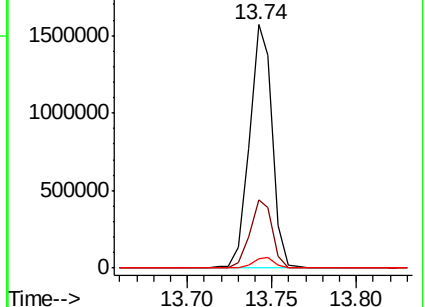
279 3.7 2.9 4.3

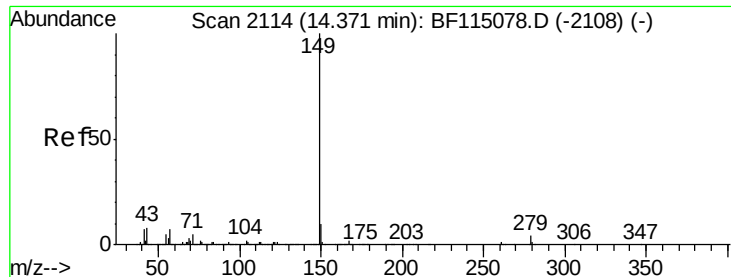


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.201 ng

RT: 14.35 min Scan# 2110

Delta R.T. -0.02 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

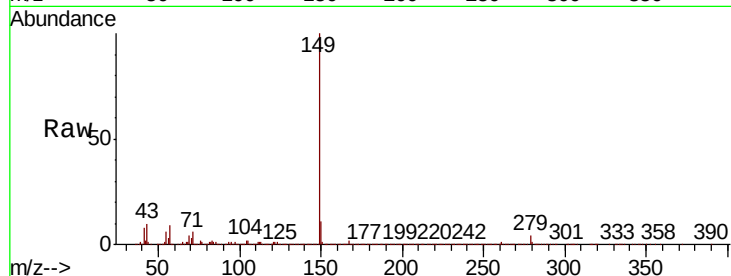
Tot Ion:149 Resp: 2344276

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

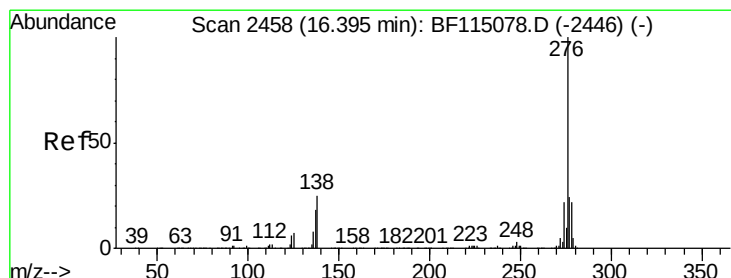
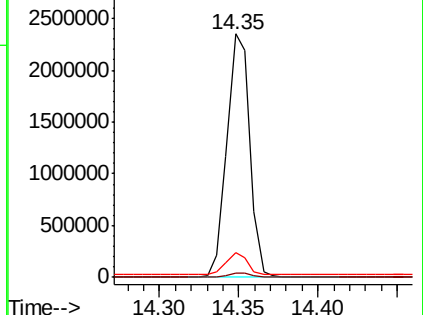
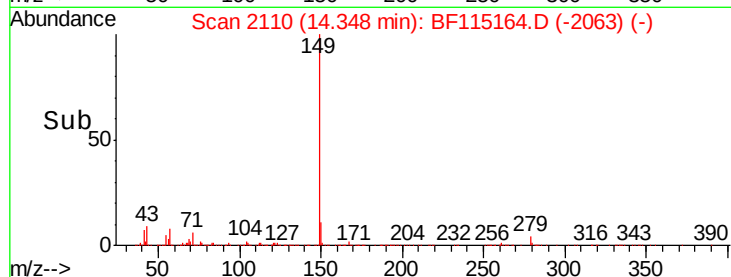
43 9.0 7.0 10.6



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: 36.671 ng

RT: 16.37 min Scan# 2453

Delta R.T. -0.03 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

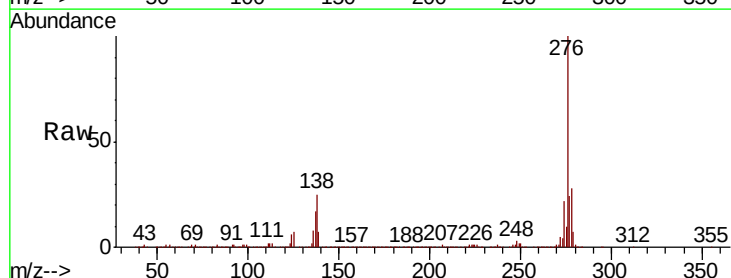
Tgt Ion:276 Resp: 2025939

Ion Ratio Lower Upper

276 100

138 27.9 23.2 34.8

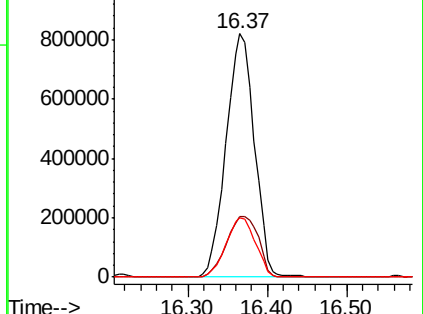
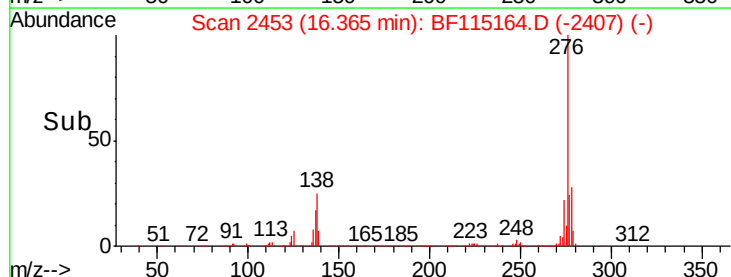
277 25.2 20.1 30.1

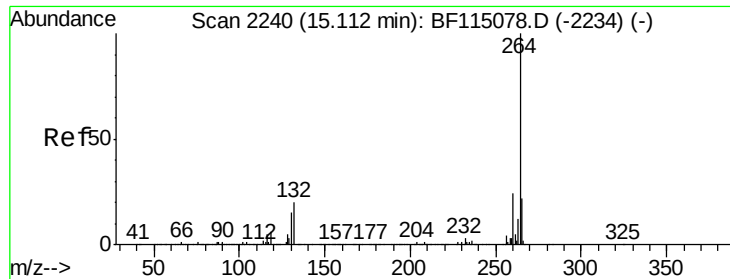


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



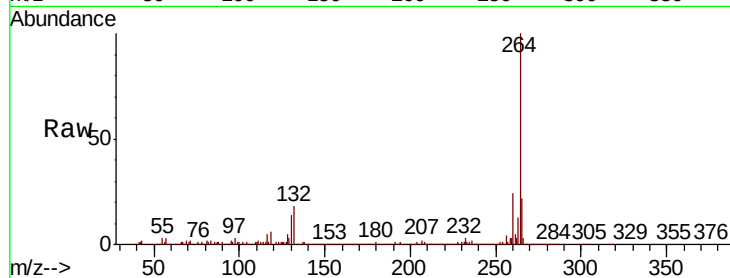


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

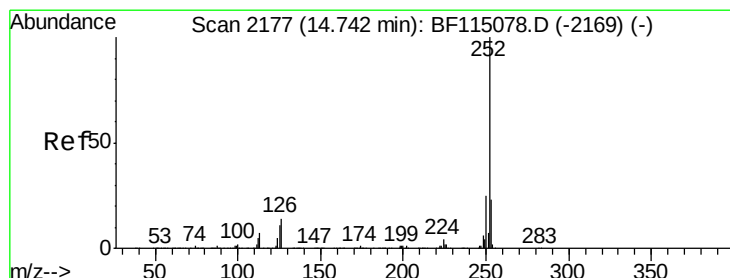
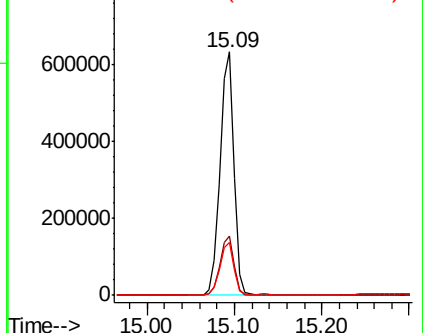
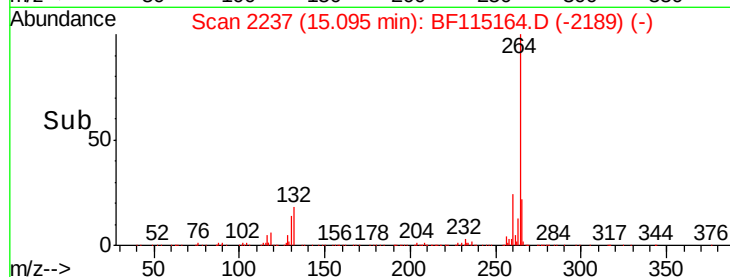
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion:264 Resp: 696137

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	21.8	17.3	25.9



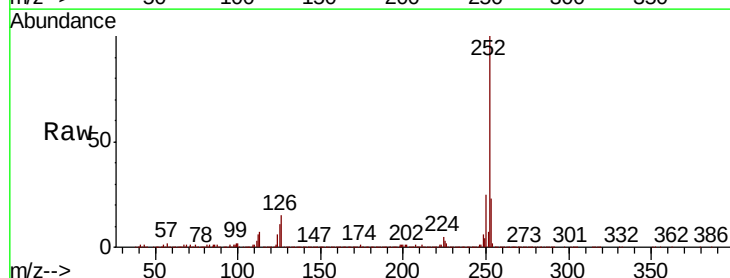
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



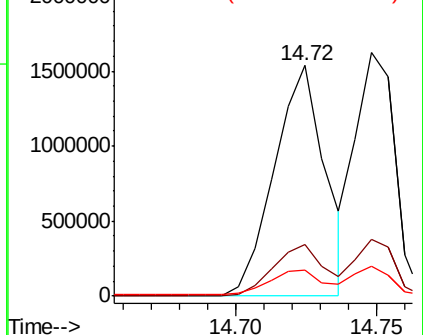
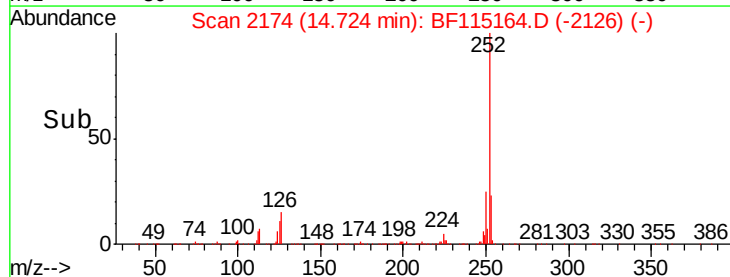
#88
Benzo(b)fluoranthene
Concen: 44.310 ng
RT: 14.72 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

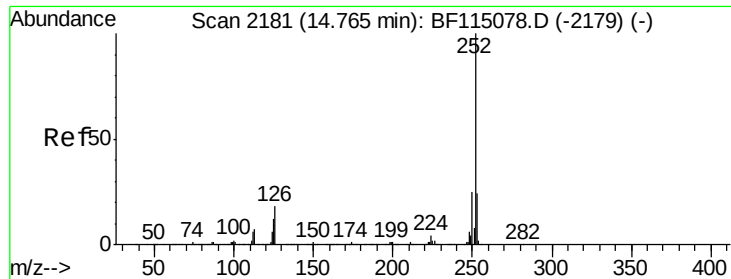
Tgt Ion:252 Resp: 1924685

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	11.5	8.7	13.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

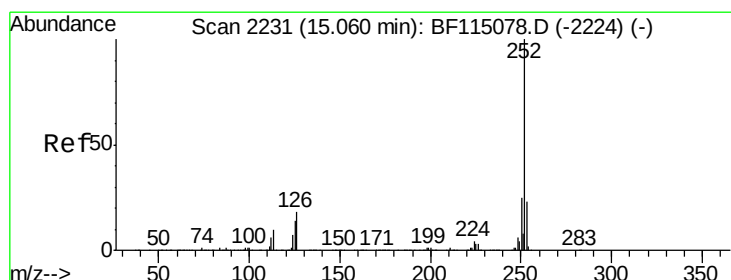
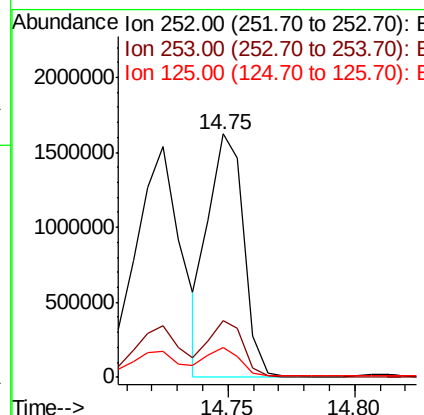
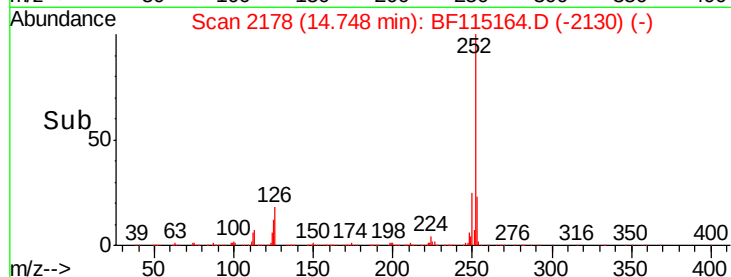
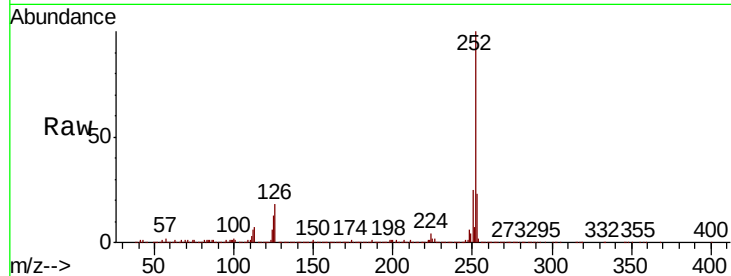




#89
Benzo(k)fluoranthene
Concen: 40.162 ng
RT: 14.75 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

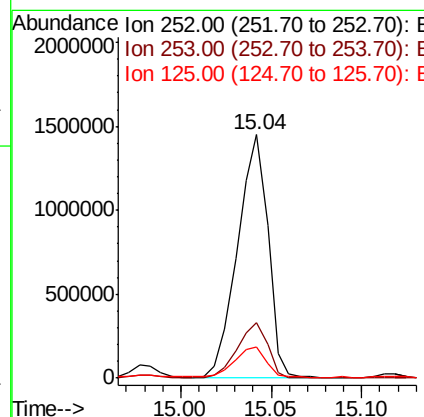
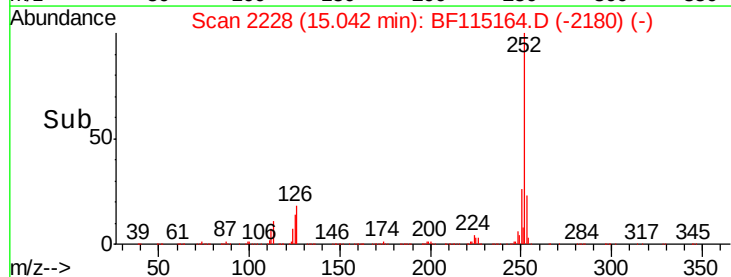
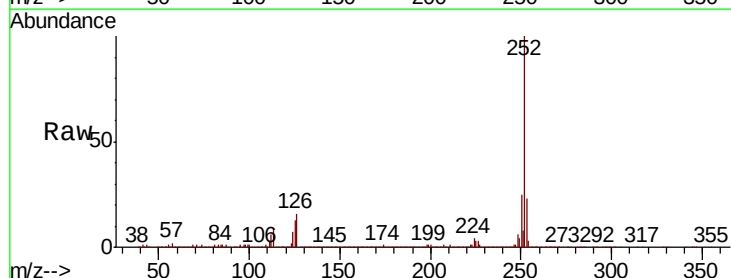
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

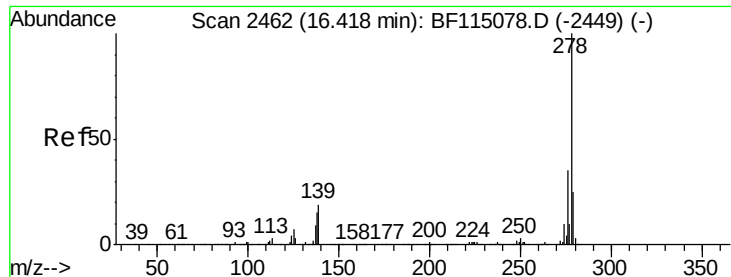
Tot Ion:252 Resp: 1564440
Ion Ratio Lower Upper
252 100
253 23.4 18.9 28.3
125 12.5 10.2 15.2



#90
Benzo(a)pyrene
Concen: 43.311 ng
RT: 15.04 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

Tgt Ion:252 Resp: 1695640
Ion Ratio Lower Upper
252 100
253 22.6 18.3 27.5
125 12.9 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 43.916 ng

RT: 16.38 min Scan# 2456

Delta R.T. -0.04 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

Instrument :

BNA_F

ClientSampled :

TP-3MSD

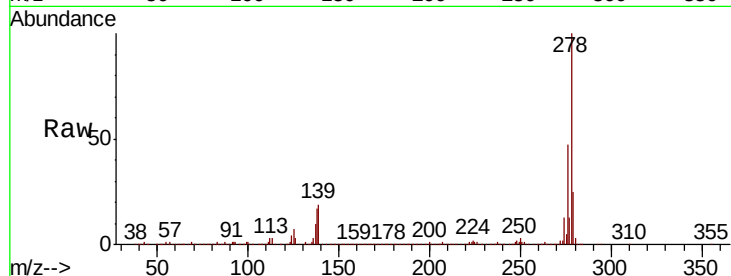
Tot Ion:278 Resp: 1605099

Ion Ratio Lower Upper

278 100

139 18.8 15.4 23.2

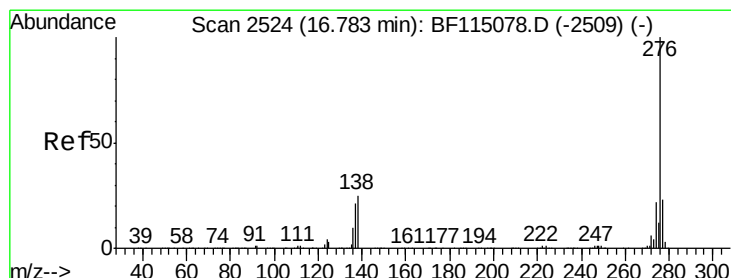
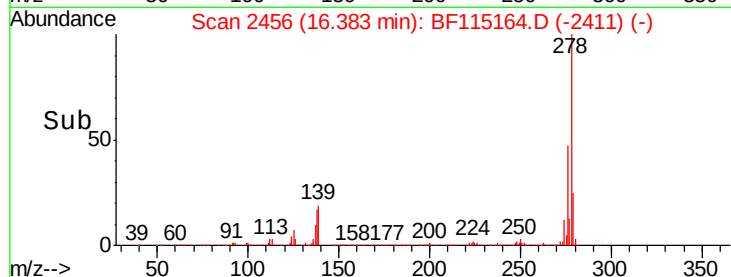
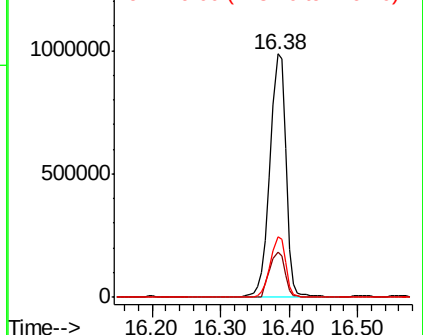
279 24.7 19.9 29.9



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: 47.445 ng

RT: 16.75 min Scan# 2519

Delta R.T. -0.03 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

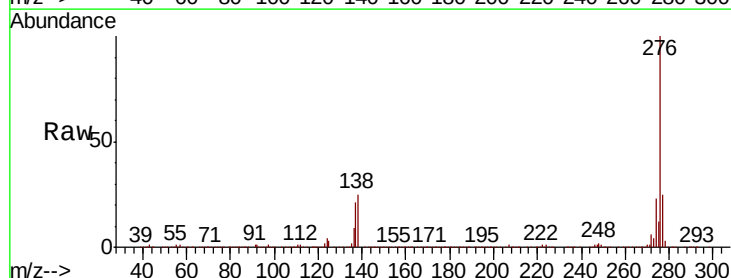
Tgt Ion:276 Resp: 1755093

Ion Ratio Lower Upper

276 100

277 24.6 18.6 28.0

138 24.5 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

