

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

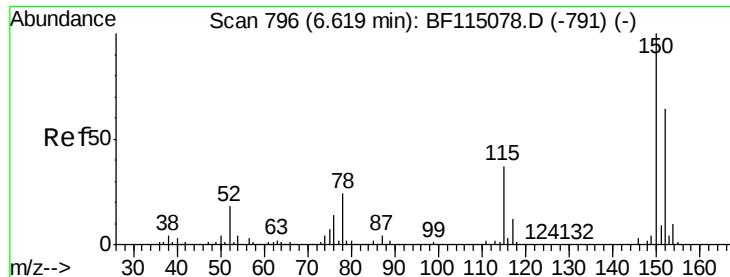
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.78	237	630525	66.943	ng	99
43) 2,4,6-Trichlorophenol	8.89	196	452366	36.888	ng	100
44) 2,4,5-Trichlorophenol	8.92	196	476848	37.759	ng	# 91
46) 1,1'-Biphenyl	9.08	154	1692527	37.631	ng	99
47) 2-Chloronaphthalene	9.10	162	1329465	36.440	ng	98
48) 2-Nitroaniline	9.19	65	396322	37.261	ng	91
49) Acenaphthylene	9.51	152	2160585	38.010	ng	98
50) Dimethylphthalate	9.38	163	2047784	49.516	ng	100
51) 2,6-Dinitrotoluene	9.43	165	392410	41.100	ng	98
52) Acenaphthene	9.68	154	1418502	39.881	ng	99
53) 3-Nitroaniline	9.59	138	201961	17.334	ng	99
54) 2,4-Dinitrophenol	9.70	184	225642	49.056	ng	89
55) Dibenzofuran	9.85	168	1939820	37.998	ng	97
56) 4-Nitrophenol	9.76	139	745705	79.832	ng	96
57) 2,4-Dinitrotoluene	9.83	165	529442	42.946	ng	# 96
58) Fluorene	10.19	166	1374640	39.662	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.97	232	424940	40.128	ng	# 99
60) Diethylphthalate	10.08	149	1632044	39.259	ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	647685	39.226	ng	96
62) 4-Nitroaniline	10.20	138	419845	35.919	ng	98
63) Azobenzene	10.34	77	1497689	38.572	ng	99
65) 4,6-Dinitro-2-methylphenol	10.23	198	185689	32.504	ng	79
66) n-Nitrosodiphenylamine	10.30	169	1401189	39.588	ng	98
67) 4-Bromophenyl-phenylether	10.67	248	481297	39.075	ng	97
68) Hexachlorobenzene	10.73	284	514835	38.507	ng	93
69) Atrazine	10.83	200	459305	40.341	ng	99
70) Pentachlorophenol	10.92	266	570932	67.031	ng	98
71) Phenanthrene	11.14	178	2336887	38.204	ng	99
72) Anthracene	11.19	178	2349261	38.048	ng	98
73) Carbazole	11.34	167	2134563	38.715	ng	98
74) Di-n-butylphthalate	11.69	149	2471563	38.792	ng	98
75) Fluoranthene	12.32	202	2473043	40.522	ng	98
77) Benzidine	12.44	184	585135	18.551	ng	99
78) Pyrene	12.54	202	2597169	47.577	ng	98
80) Butylbenzylphthalate	13.18	149	1127557	46.804	ng	95
81) Benzo(a)anthracene	13.72	228	2129166	41.774	ng	99
82) 3,3'-Dichlorobenzidine	13.69	252	404176	21.959	ng	99
83) Chrysene	13.76	228	1942194	41.599	ng	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	1468277	46.514	ng	100
85) Di-n-octyl phthalate	14.35	149	2344276	44.201	ng	99
86) Indeno(1,2,3-cd)pyrene	16.37	276	2025939	36.671	ng	99
88) Benzo(b)fluoranthene	14.72	252	1924685	44.310	ng	99
89) Benzo(k)fluoranthene	14.75	252	1564440	40.162	ng	100
90) Benzo(a)pyrene	15.04	252	1695640	43.311	ng	99
91) Dibenzo(a,h)anthracene	16.38	278	1605099	43.916	ng	99
92) Benzo(g,h,i)perylene	16.75	276	1755093	47.445	ng	99

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

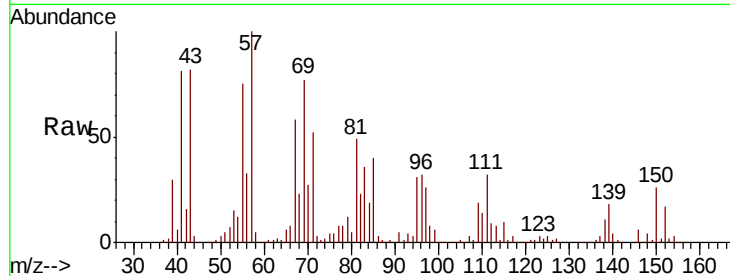


#1

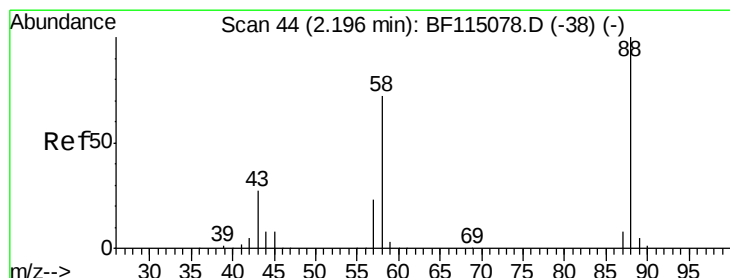
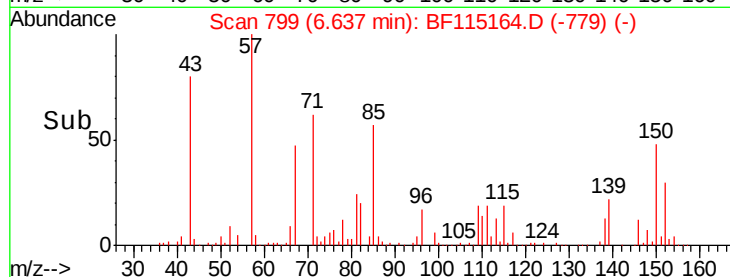
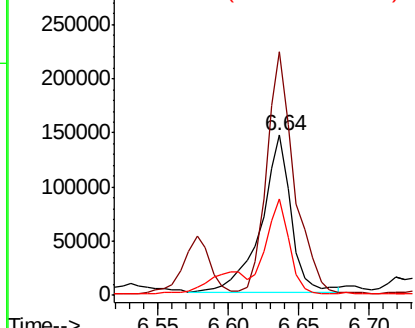
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.64 min Scan# 799
Delta R.T. 0.02 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	124.2	186.2
115	60.2	46.1	69.1



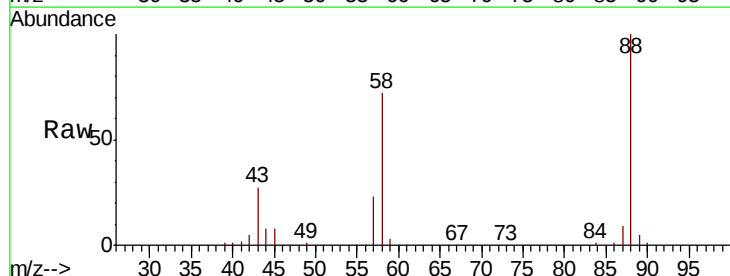
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



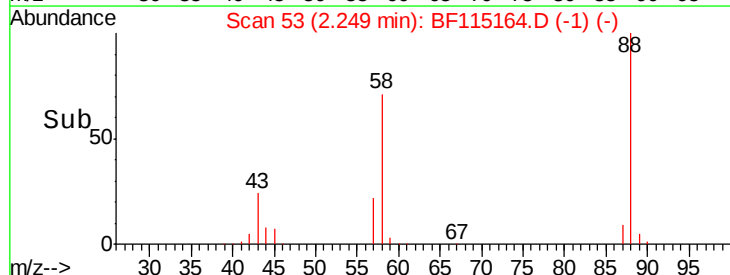
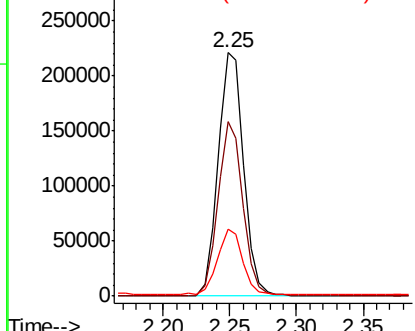
#2

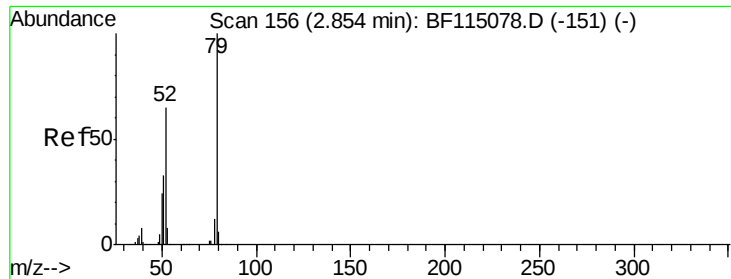
1,4-Dioxane
Concen: 45.980 ng
RT: 2.25 min Scan# 53
Delta R.T. 0.05 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

Tgt Ion	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

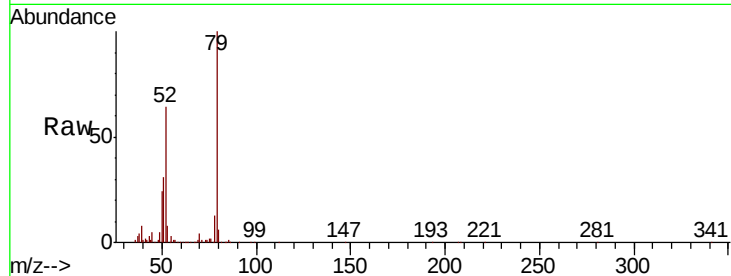
Tot Ion: 79 Resp: 779729

Ion Ratio Lower Upper

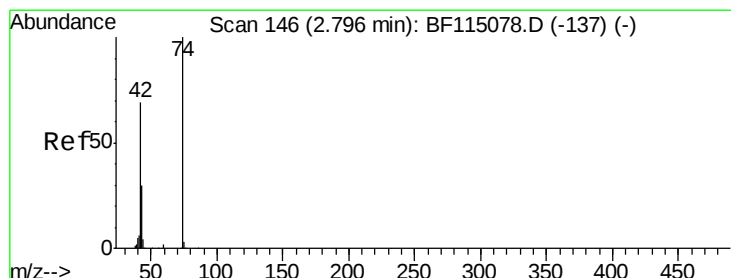
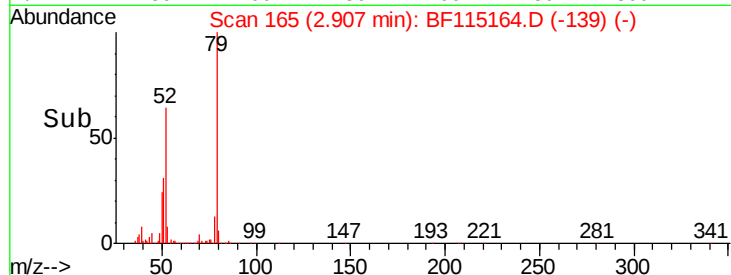
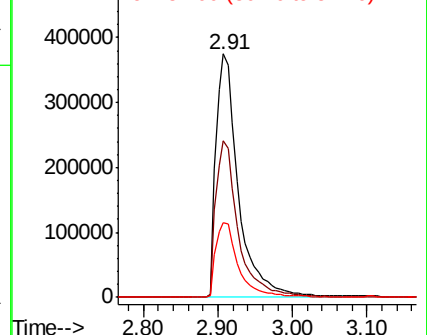
79 100

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

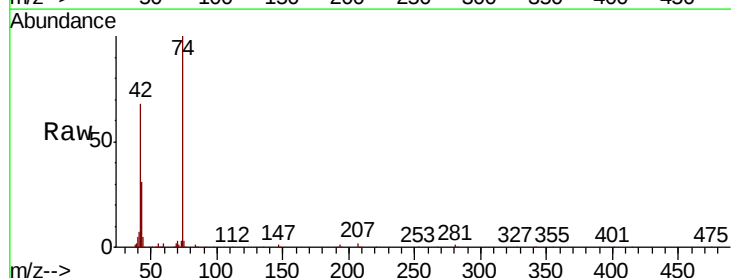
Tgt Ion: 42 Resp: 350761

Ion Ratio Lower Upper

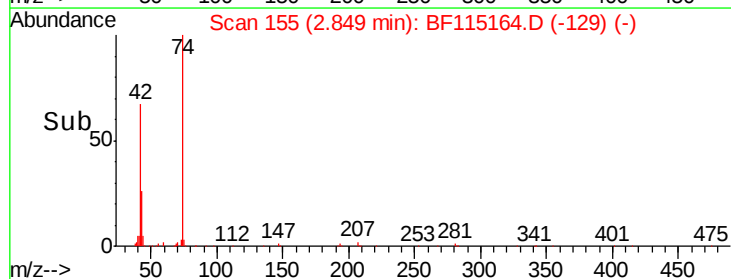
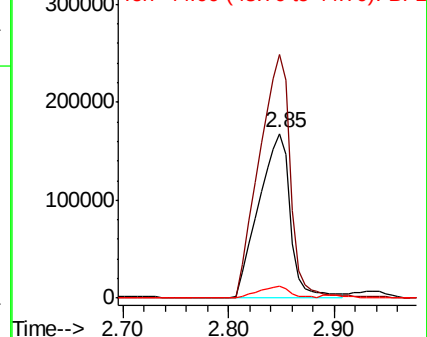
42 100

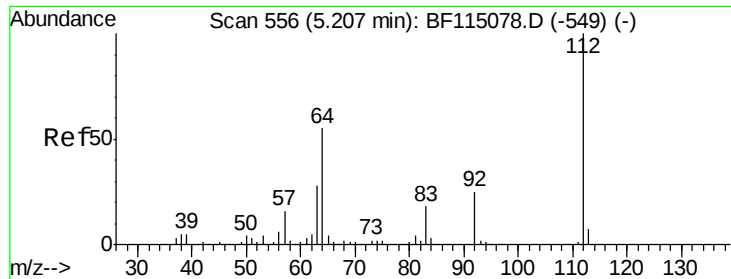
74 147.8 116.6 175.0

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

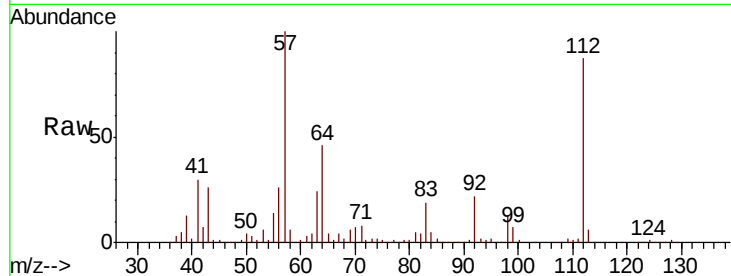
Tot Ion:112 Resp: 1330557

Ion Ratio Lower Upper

112 100

64 52.7 43.8 65.6

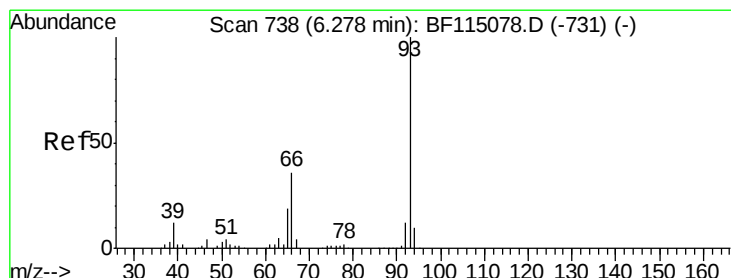
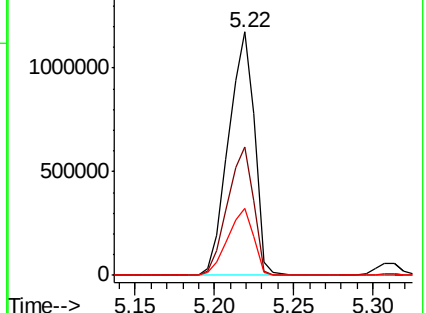
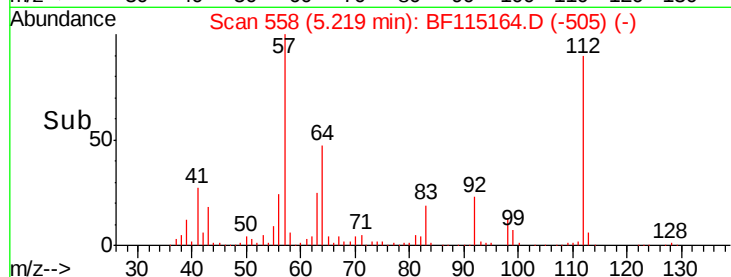
63 27.7 22.2 33.4



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

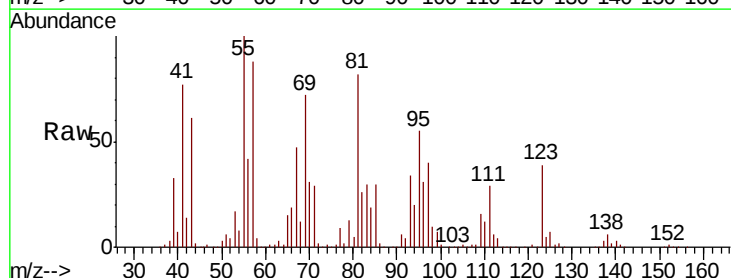
Tgt Ion: 93 Resp: 326454

Ion Ratio Lower Upper

93 100

66 56.2 30.0 45.0#

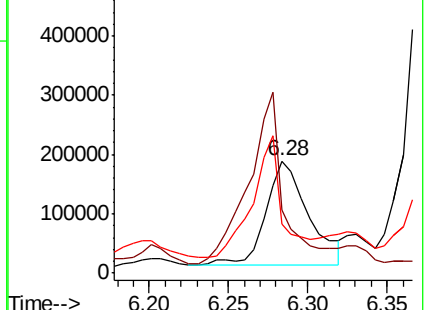
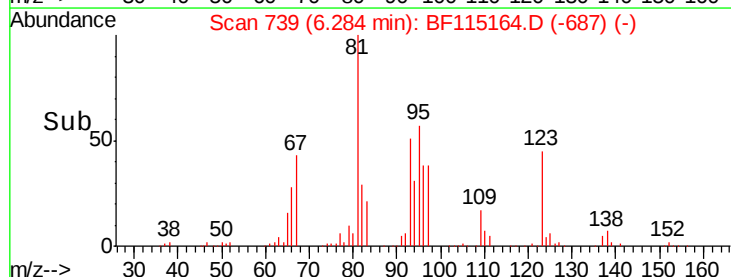
65 43.8 15.6 23.4#

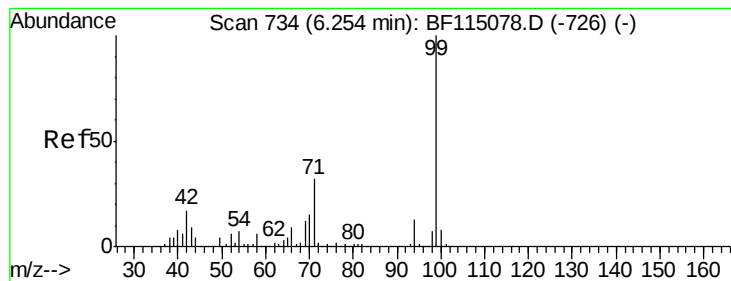


Abundance Ion 93.00 (92.70 to 93.70): BF1

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 :

BNA_F

ClientSampled :

TP-3MSD

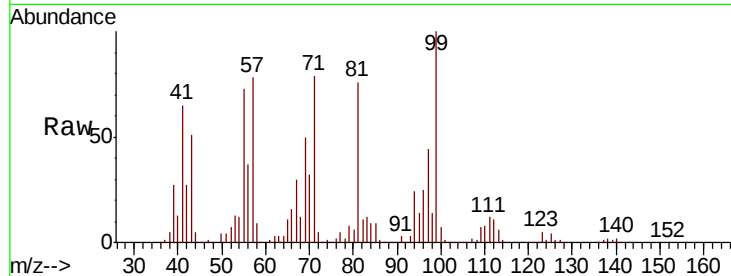
Tot Ion: 99 Resp: 1577716

Ion Ratio Lower Upper

99 100

42 27.5 13.6 20.4#

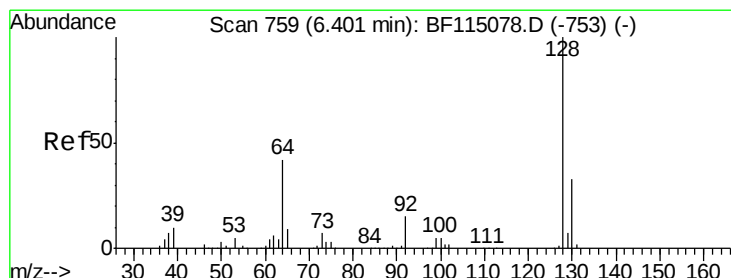
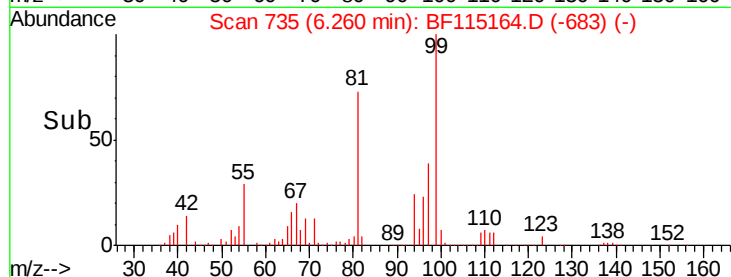
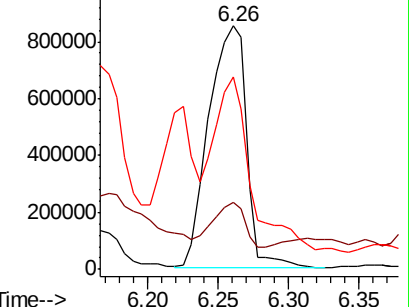
71 79.2 25.5 38.3#



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

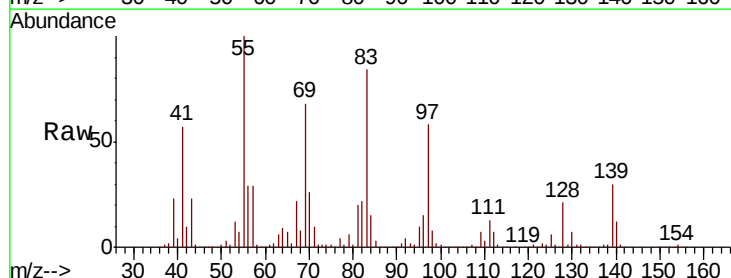
Tgt Ion: 128 Resp: 366126

Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

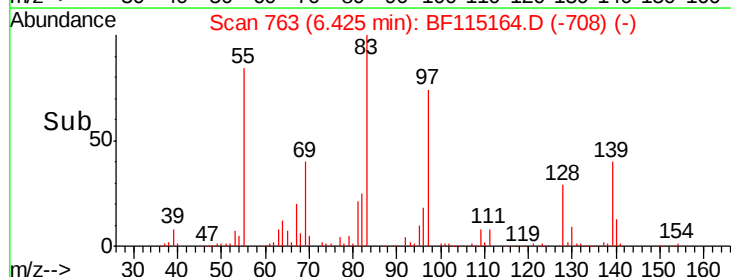
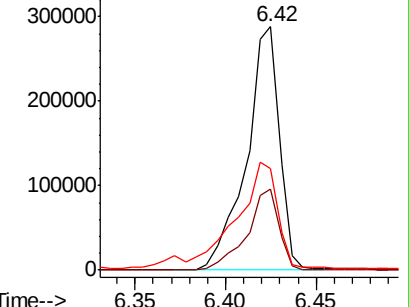
64 41.5 22.9 62.9

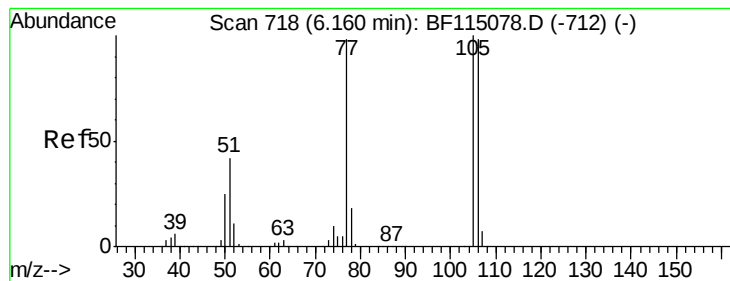


Abundance Ion 128.00 (127.70 to 128.70): E

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

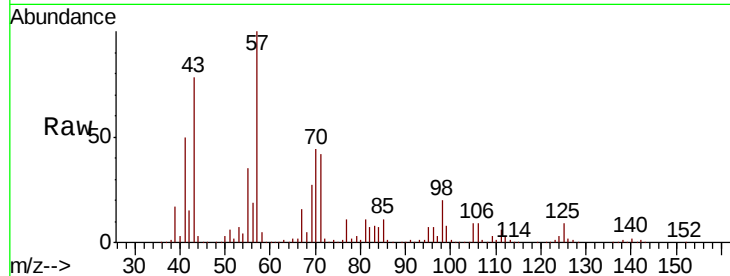
Tot Ion: 77 Resp: 317311

Ion Ratio Lower Upper

77 100

105 86.3 81.5 121.5

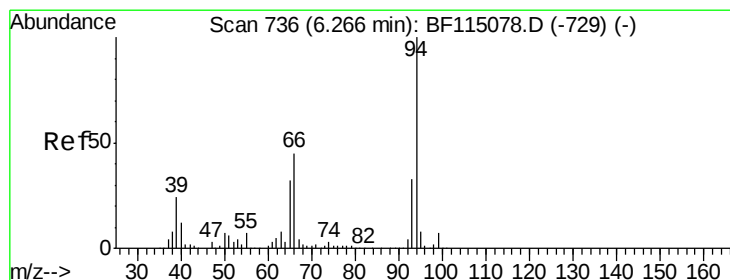
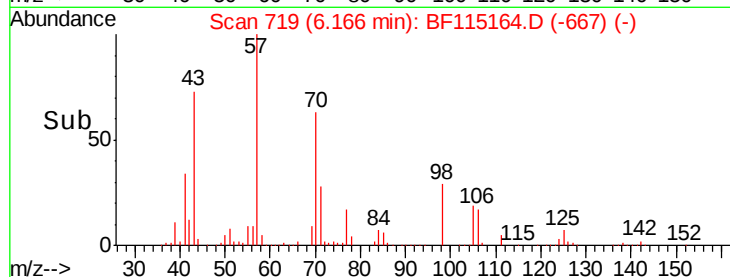
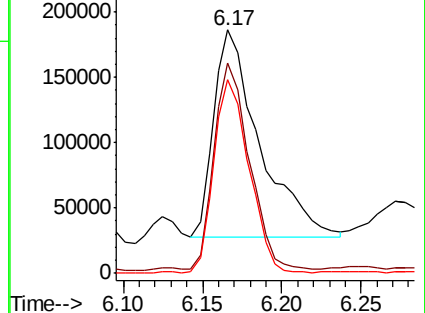
106 79.7 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.139 ng

RT: 6.28 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

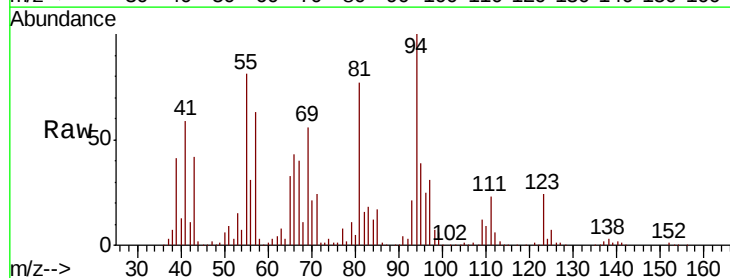
Tgt Ion: 94 Resp: 746119

Ion Ratio Lower Upper

94 100

65 32.7 11.9 51.9

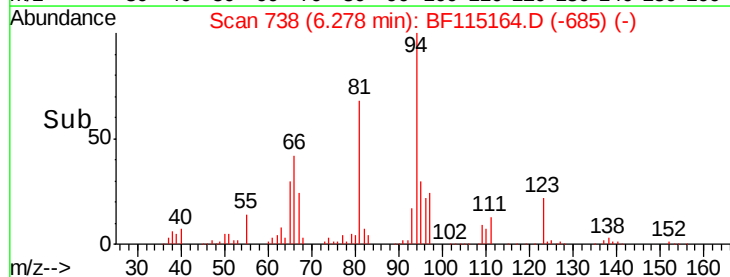
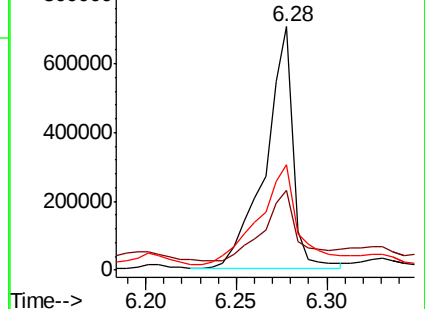
66 43.1 25.2 65.2

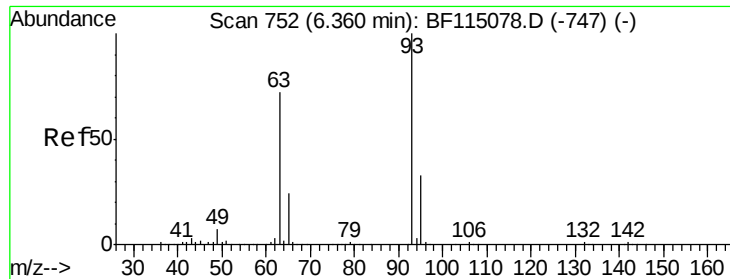


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

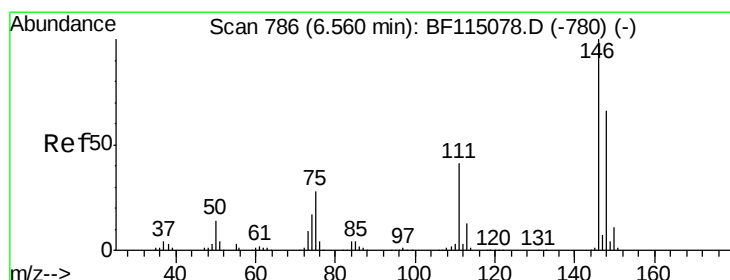
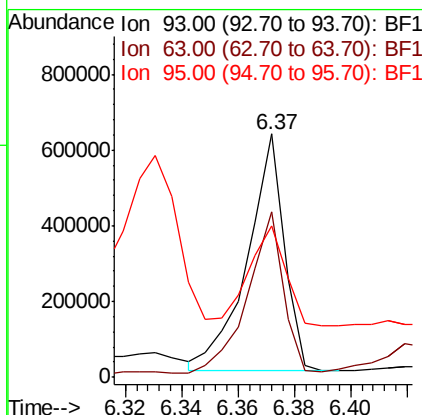
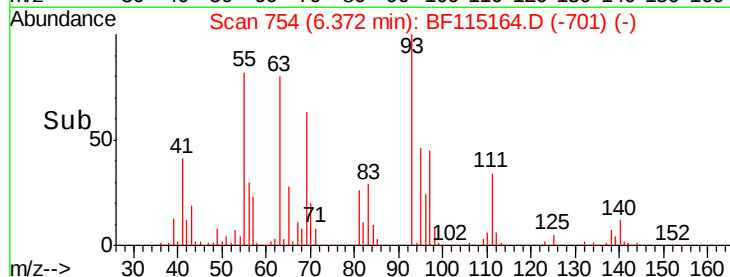
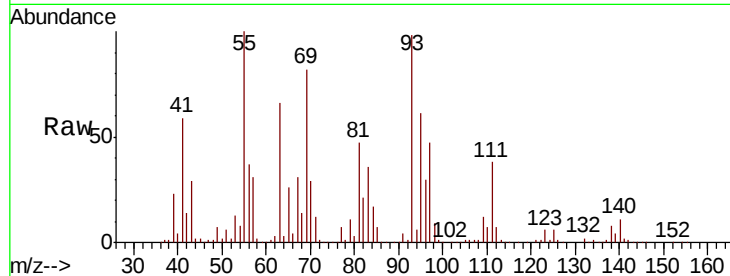




#11
bis(2-Chloroethyl)ether
Concen: 39.252 ng
RT: 6.37 min Scan# 754
Delta R.T. 0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

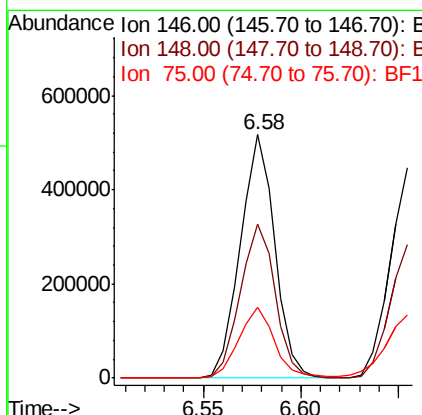
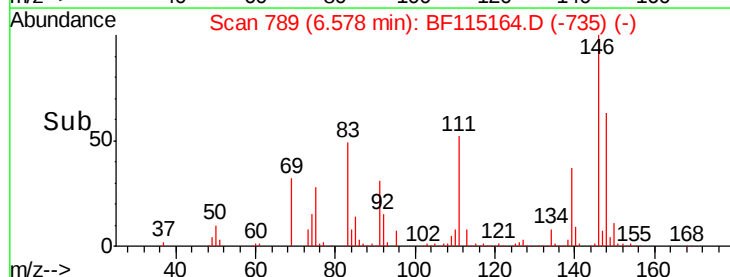
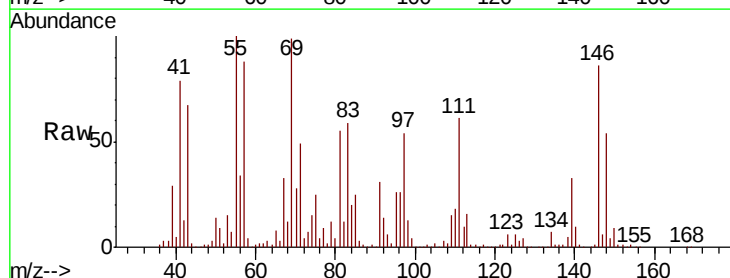
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

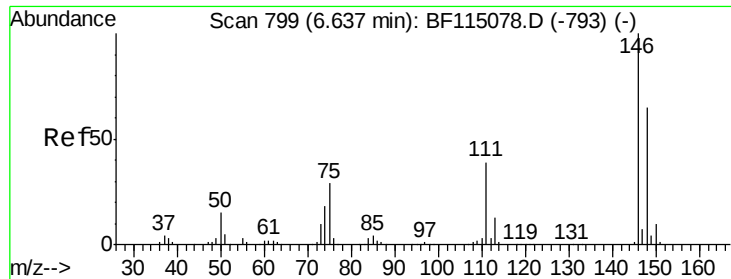
Tot Ion: 93 Resp: 566037
Ion Ratio Lower Upper
93 100
63 67.9 51.5 91.5
95 62.3 13.4 53.4#



#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

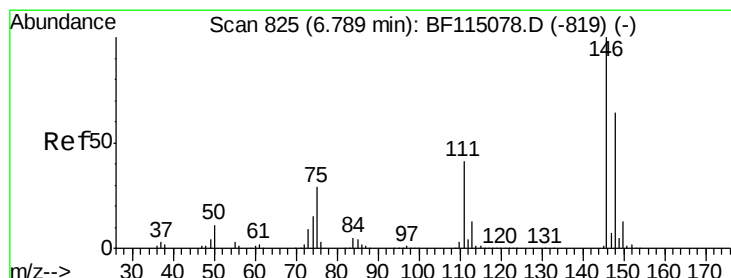
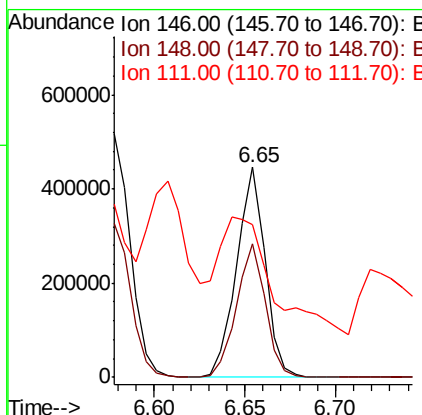
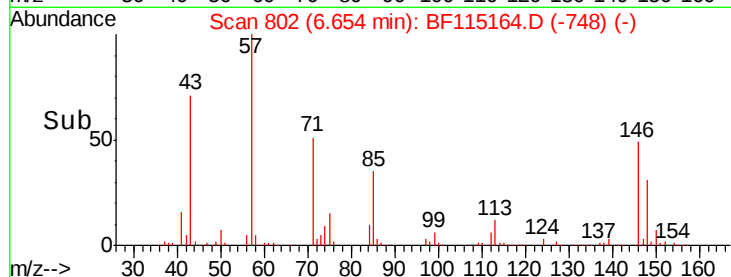
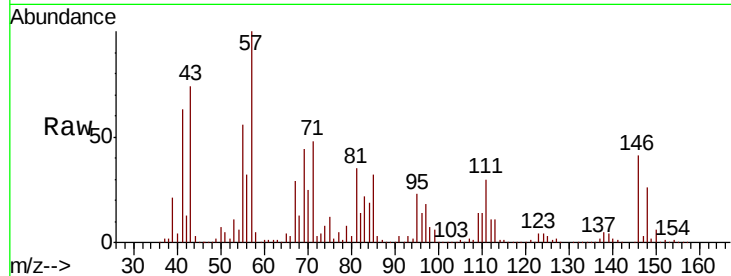




#13
 1,4-Dichlorobenzene
 Concen: 28.421 ng
 RT: 6.65 min Scan# 802
 Delta R.T. 0.02 min
 Lab File: BF115164.D
 Acq: 24 Jun 2019 23:01

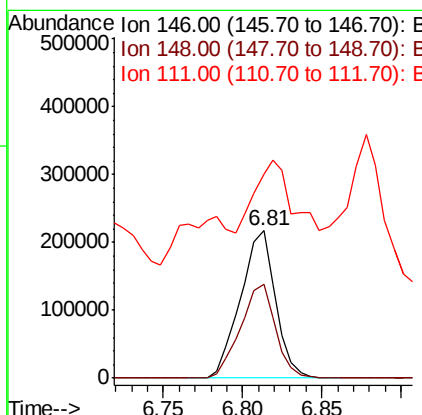
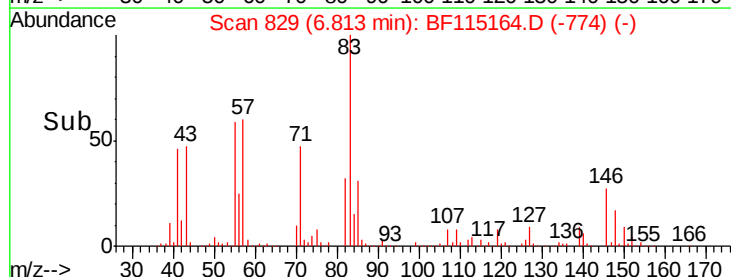
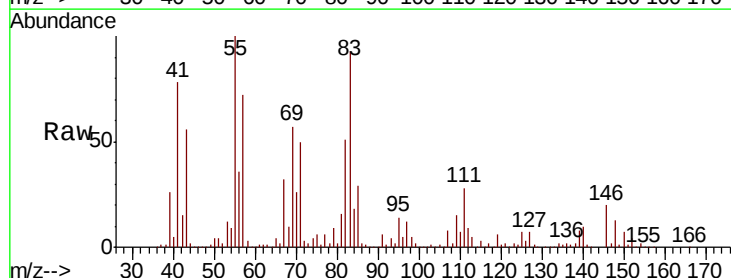
Instrument :
 BNA_F
 ClientSampled :
 TP-3MSD

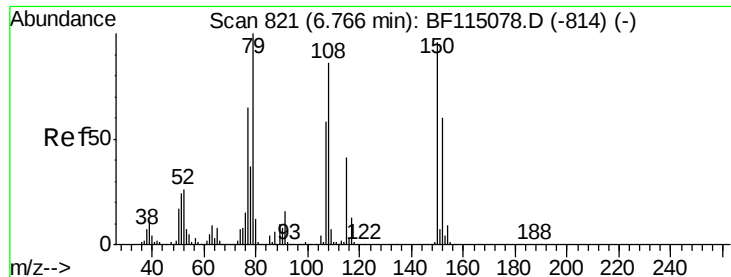
Tot Ion:146 Resp: 489366
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.9 77.9
 111 72.5 31.4 47.0#



#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

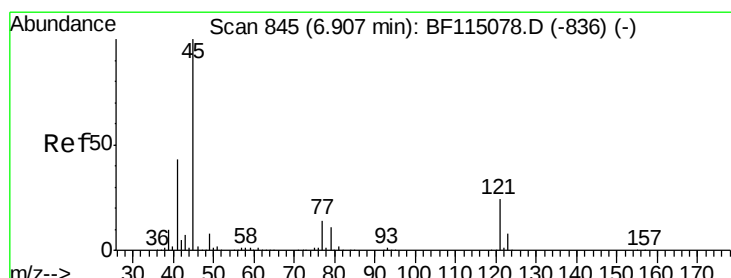
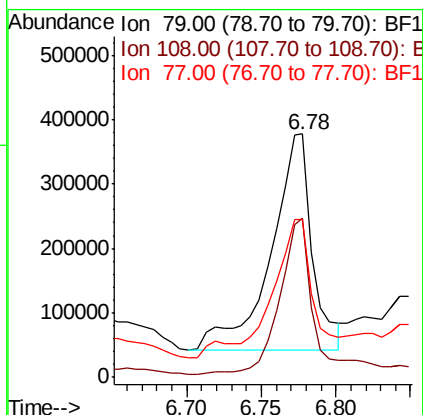
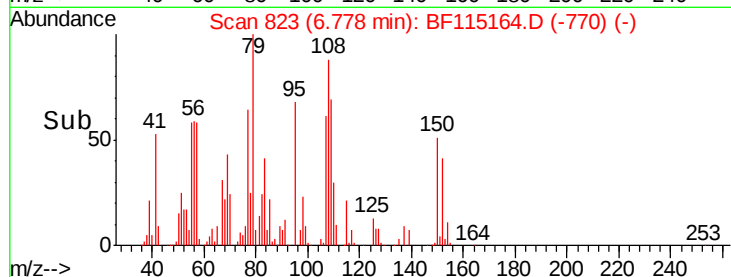
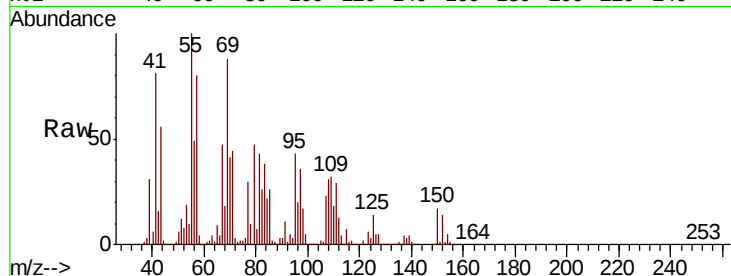
Tot Ion: 79 Resp: 655039

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

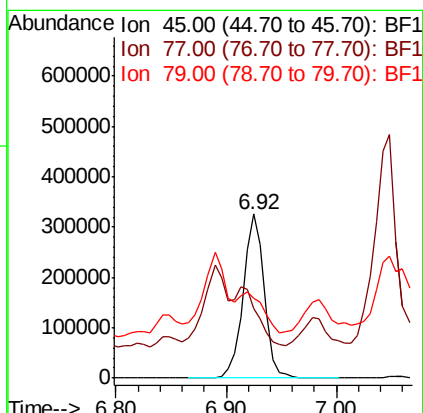
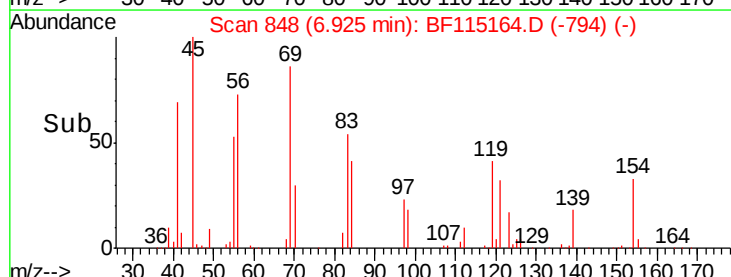
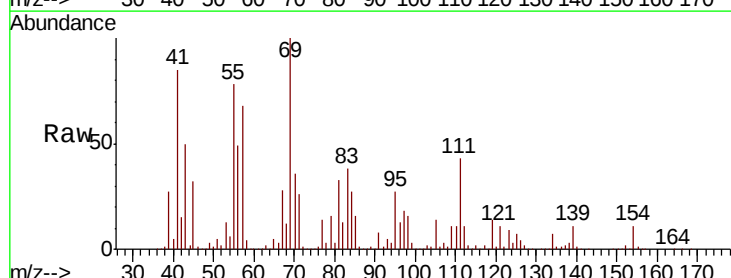
Tgt Ion: 45 Resp: 431300

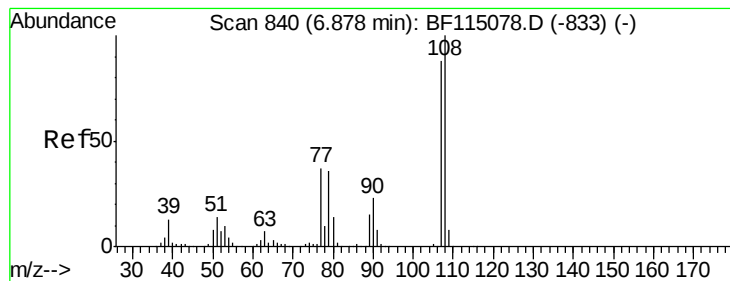
Ion Ratio Lower Upper

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

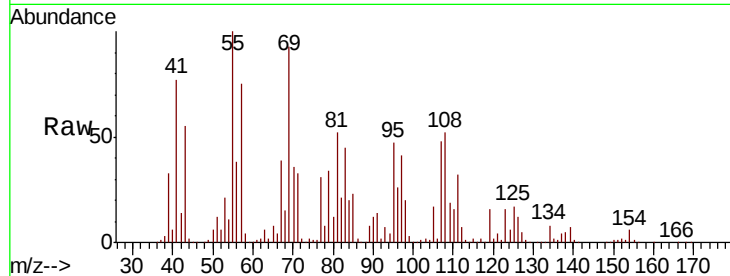
Ion Ratio Lower Upper

107 100

108 107.6 90.9 136.3

77 63.5 33.4 50.2#

79 70.8 32.3 48.5#



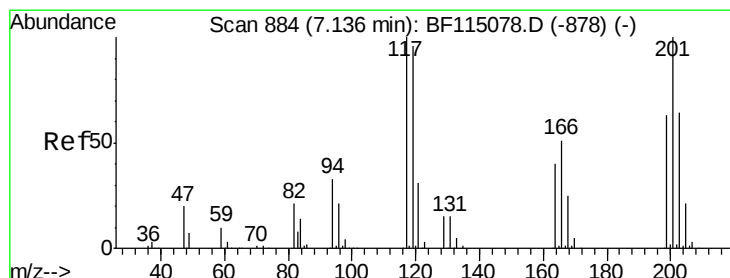
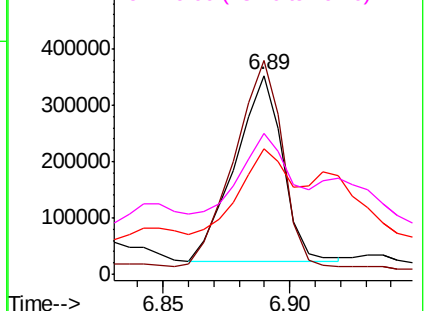
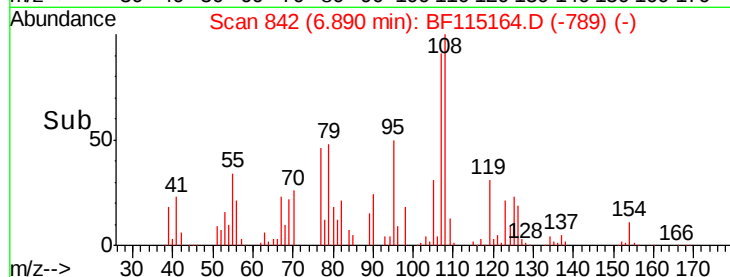
Abundance

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

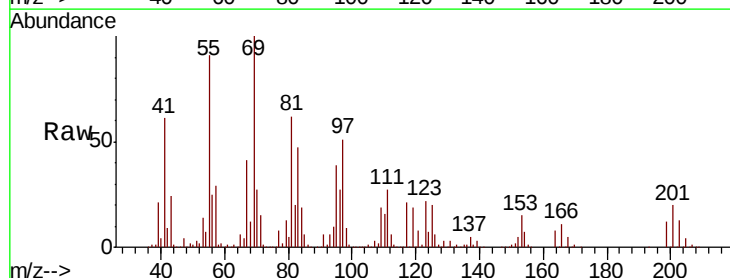
Tgt Ion:117 Resp: 233710

Ion Ratio Lower Upper

117 100

119 94.9 76.6 114.8

201 97.0 80.2 120.2

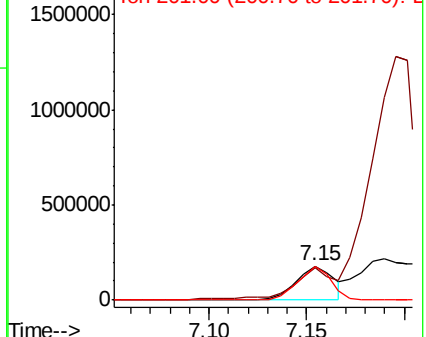
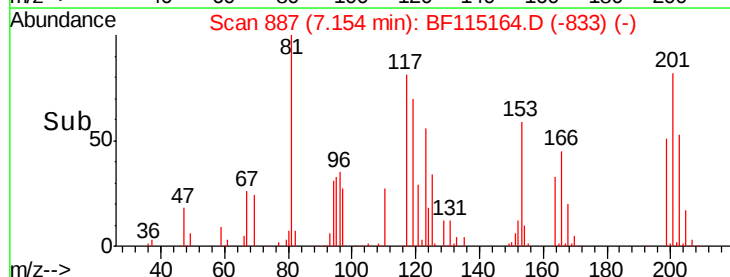


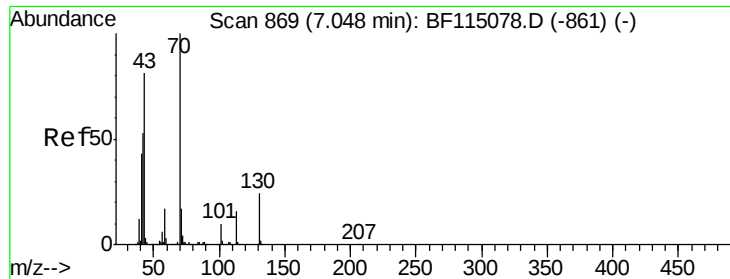
Abundance

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

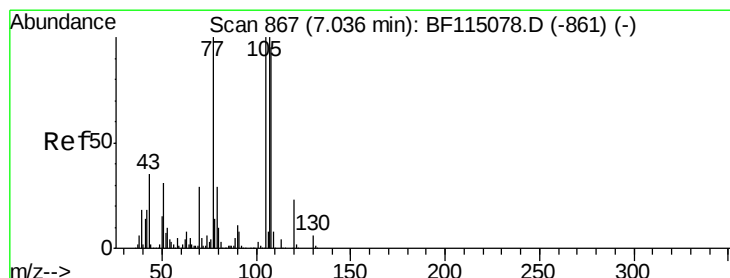
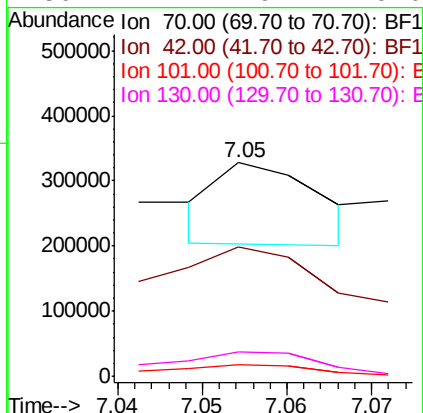
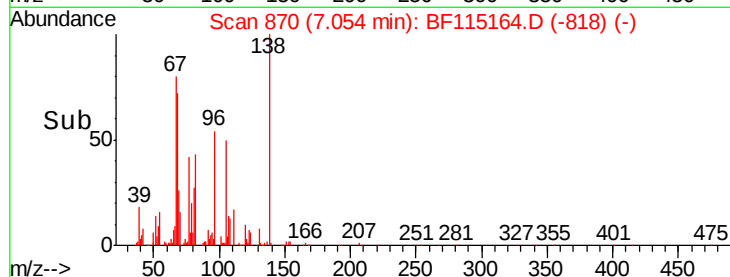
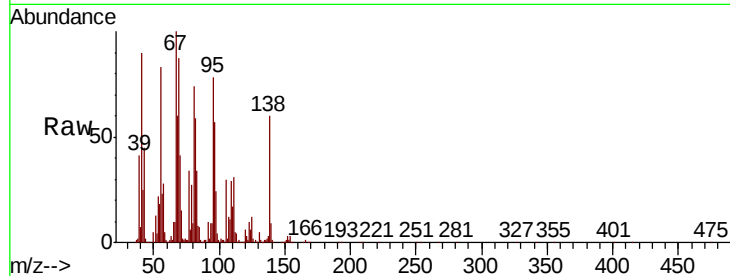




#19
n-Nitroso-di-n-propylamine
Concen: 9.649 ng
RT: 7.05 min Scan# 870
Delta R.T. 0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

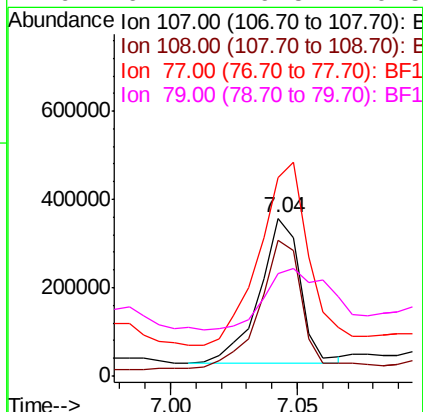
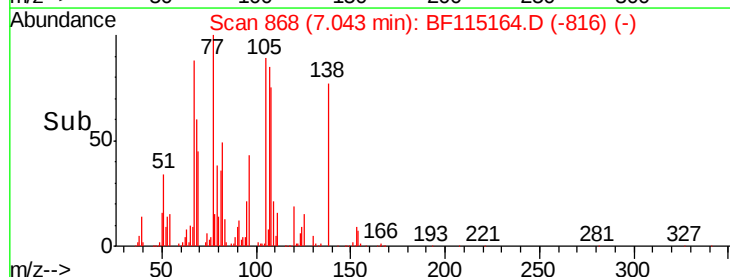
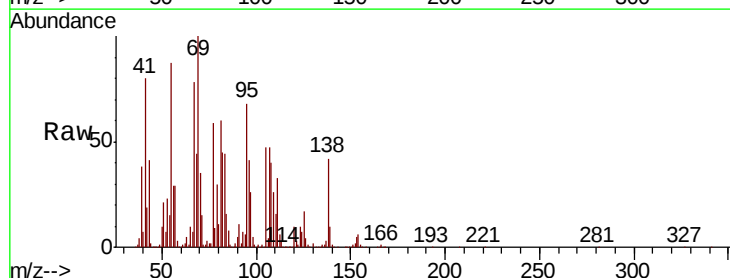
Instrument :
BNA_F
ClientSampled :
TP-3MSD

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

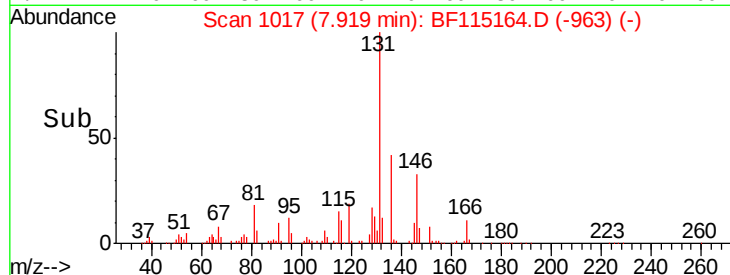
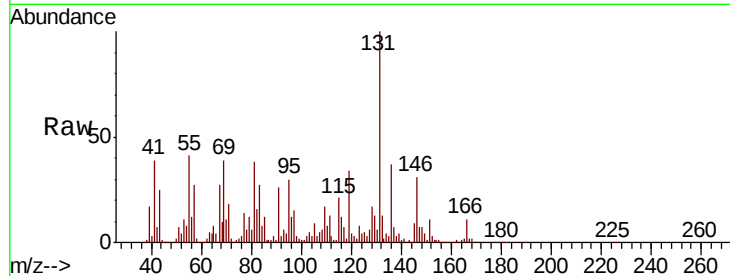
Ion Ratio Lower Upper

136 100

137 19.5 8.9 13.3#

54 21.3 5.6 8.4#

68 27.4 4.8 7.2#



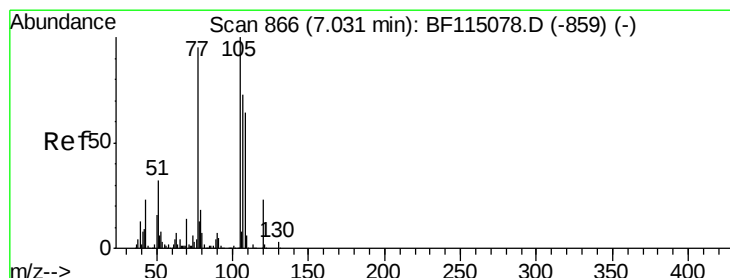
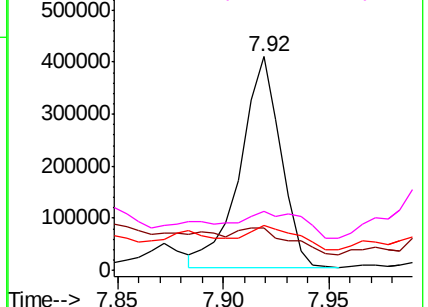
Abundance

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



#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

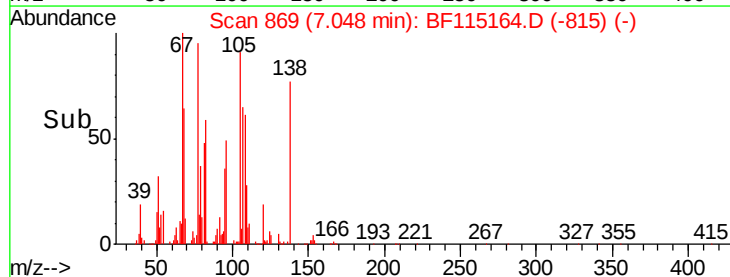
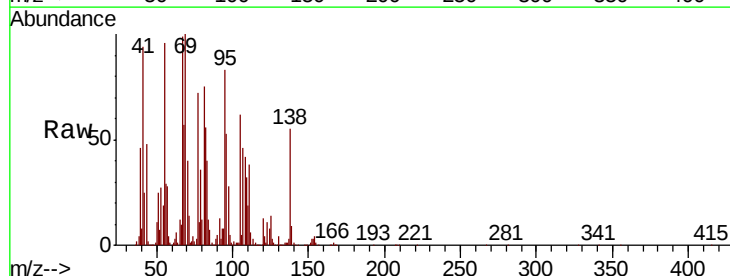
Ion Ratio Lower Upper

105 100

71 22.7 1.9 2.9#

51 40.7 25.8 38.8#

120 20.5 18.5 27.7#



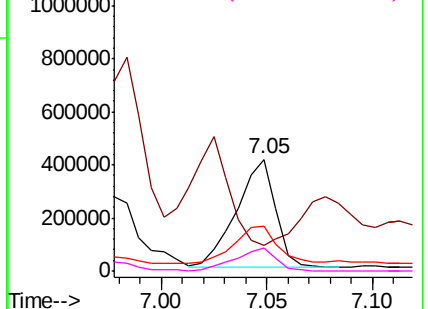
Abundance

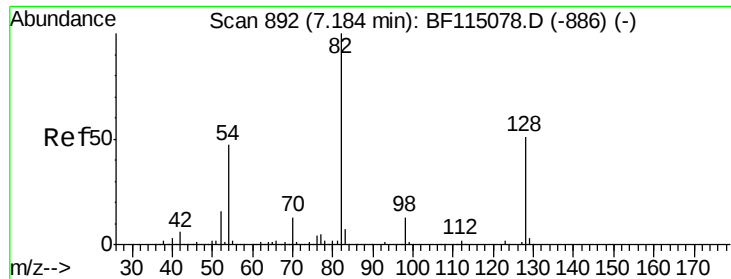
Ion 105.00 (104.70 to 105.70): E

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

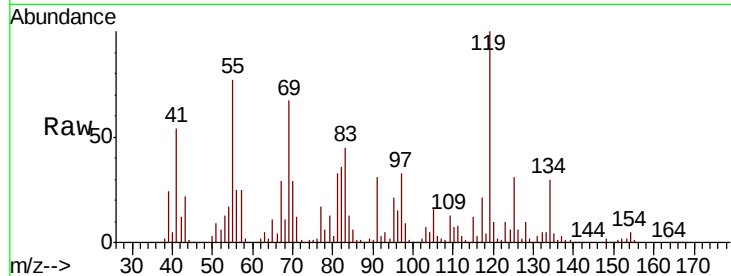




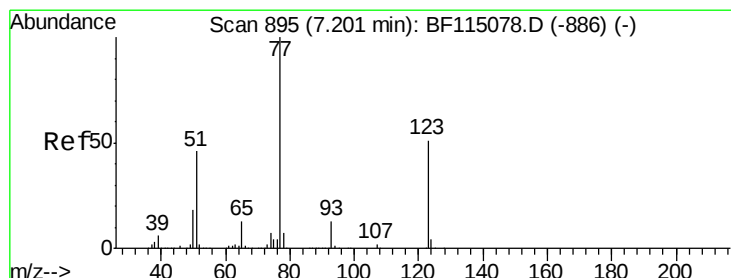
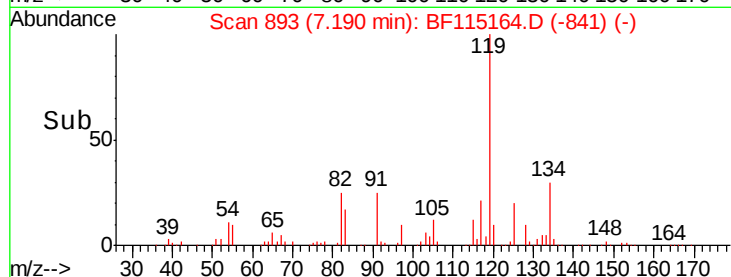
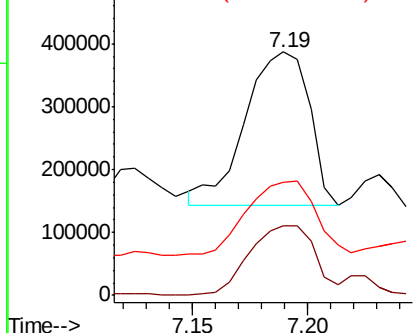
#23
 Nitrobenzene-d5
 Concen: 54.116 ng
 RT: 7.19 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: BF115164.D
 Acq: 24 Jun 2019 23:01

Instrument :
 BNA_F
 ClientSampled :
 TP-3MSD

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

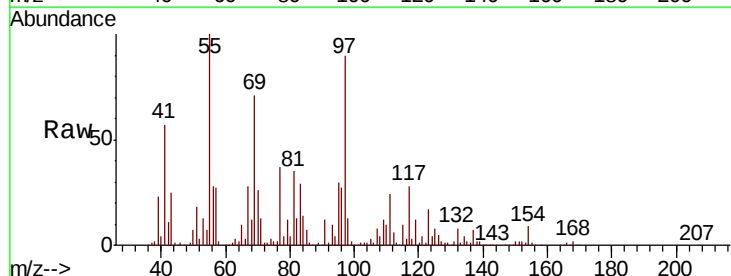


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

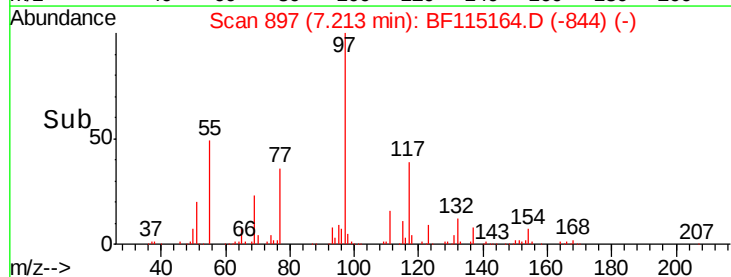
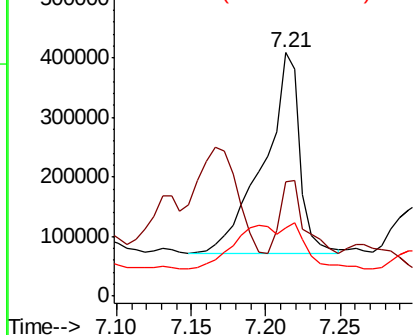


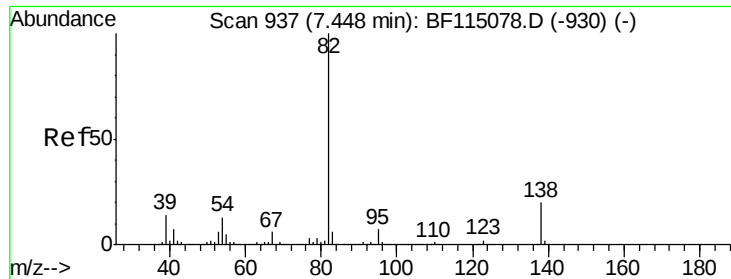
#24
 Nitrobenzene
 Concen: 59.914 ng
 RT: 7.21 min Scan# 897
 Delta R.T. 0.01 min
 Lab File: BF115164.D
 Acq: 24 Jun 2019 23:01

Tgt Ion	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

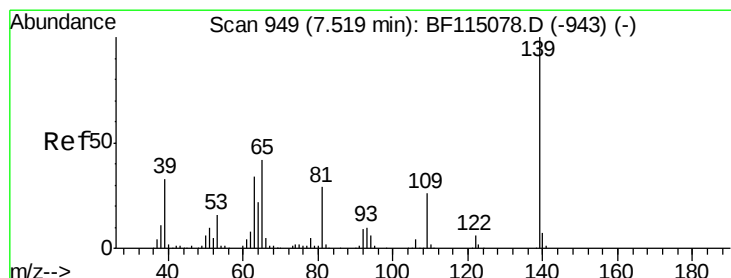
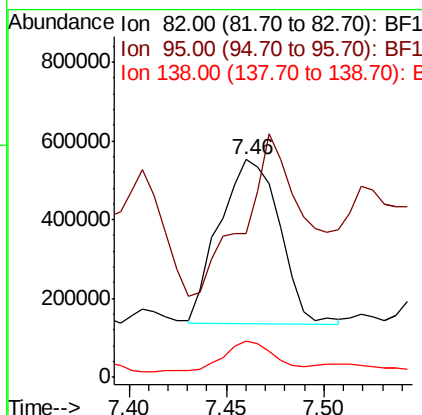
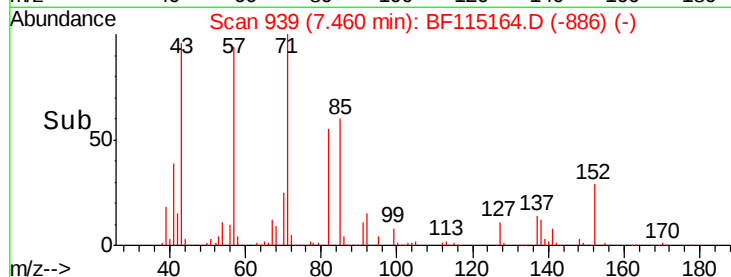
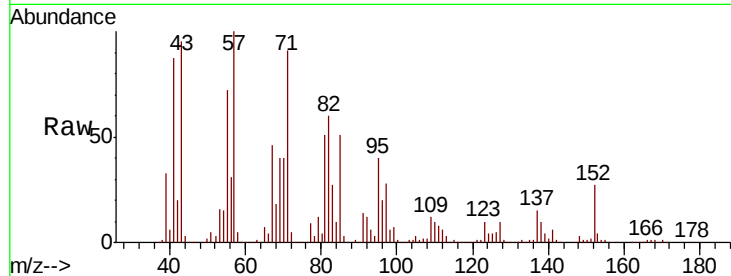
Tot Ion: 82 Resp: 892660

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

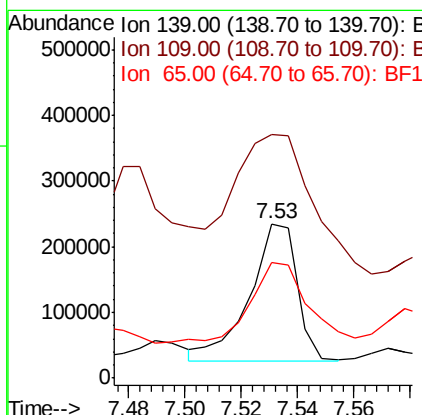
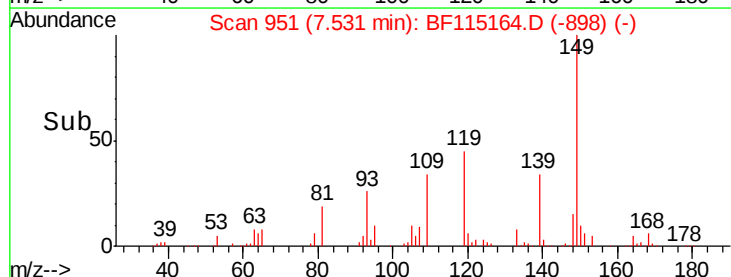
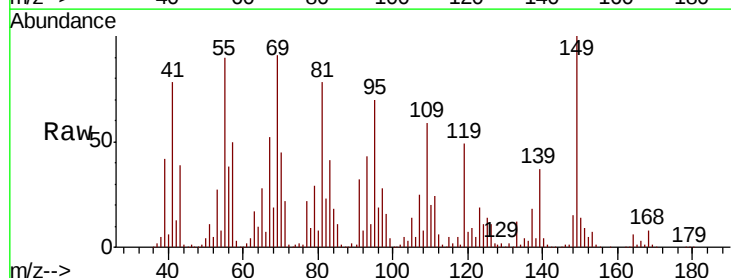
Tgt Ion: 139 Resp: 244025

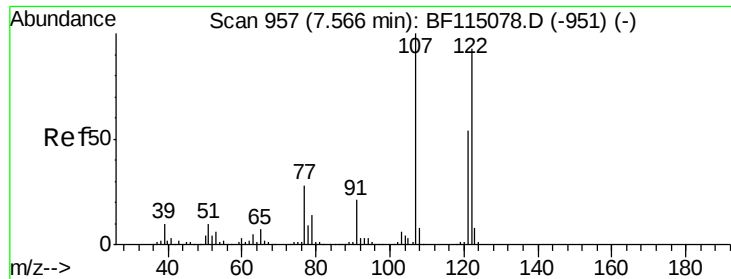
Ion Ratio Lower Upper

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

ClientSampled :

TP-3MSD

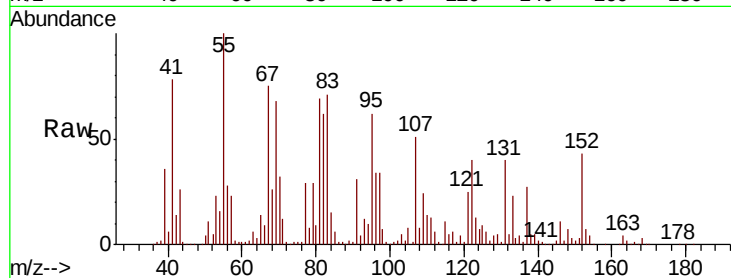
Tot Ion:122 Resp: 322838

Ion Ratio Lower Upper

122 100

107 127.8 85.8 128.6

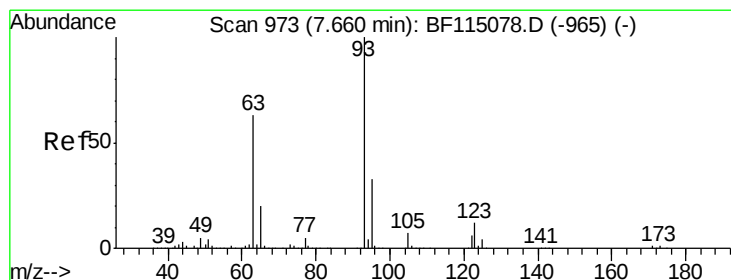
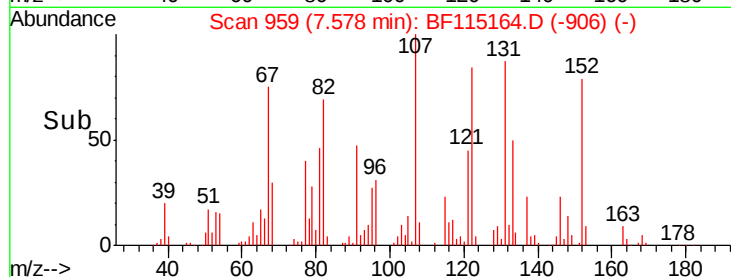
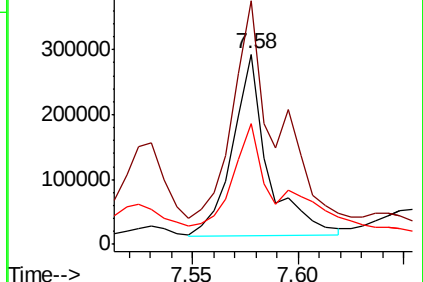
121 63.2 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 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

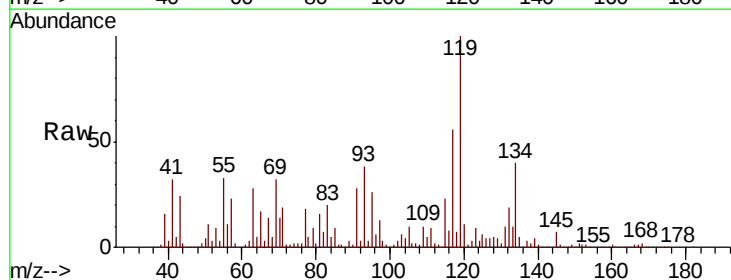
Tgt Ion: 93 Resp: 415165

Ion Ratio Lower Upper

93 100

95 66.8 26.2 39.4#

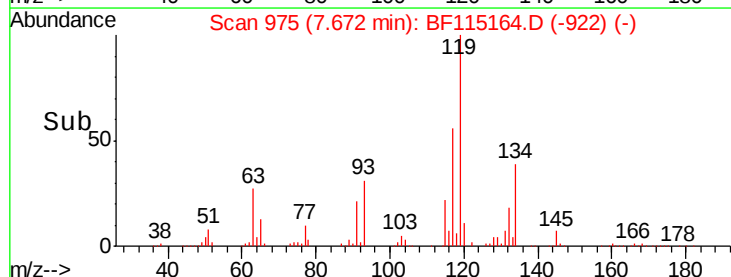
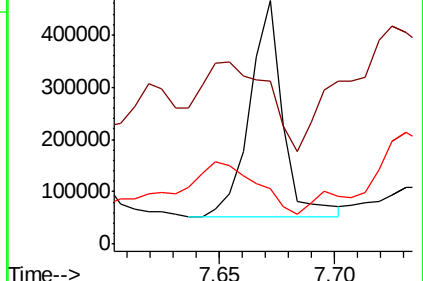
123 22.6 9.7 14.5#

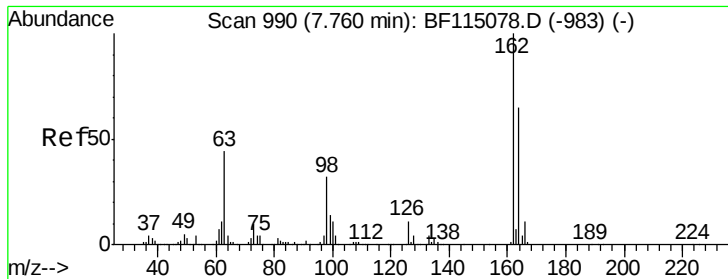


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 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

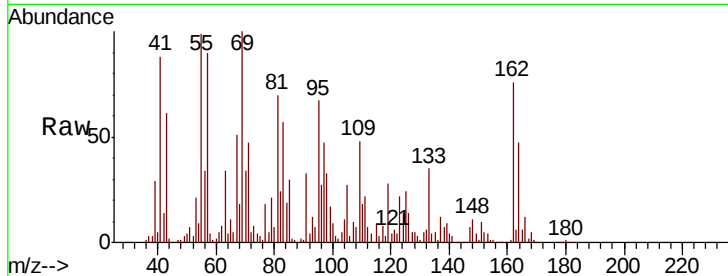
Tot Ion:162 Resp: 452169

Ion Ratio Lower Upper

162 100

164 62.3 45.3 85.3

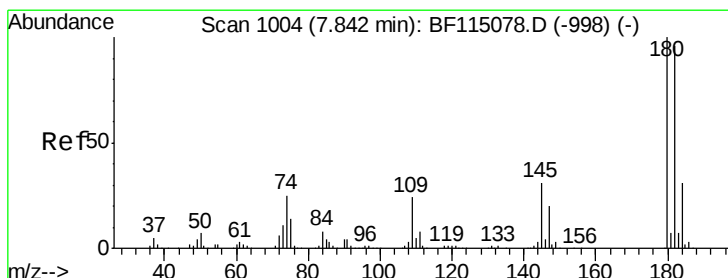
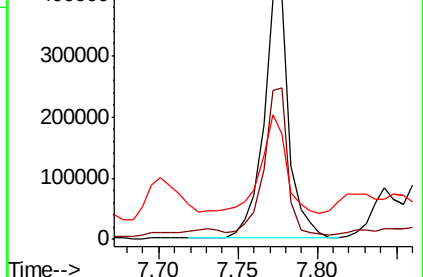
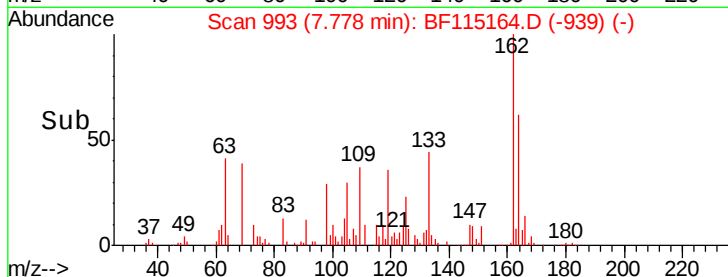
98 43.2 12.5 52.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 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

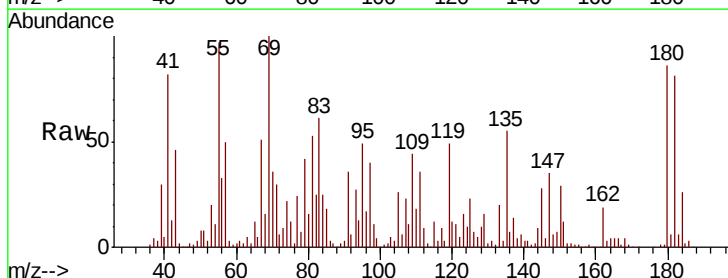
Tgt Ion:180 Resp: 486301

Ion Ratio Lower Upper

180 100

182 94.6 76.4 114.6

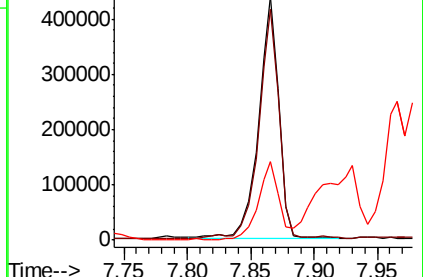
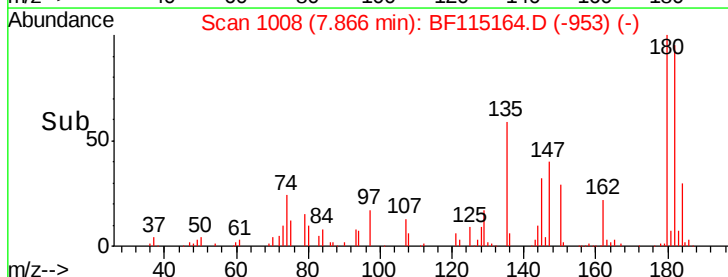
145 32.1 24.8 37.2

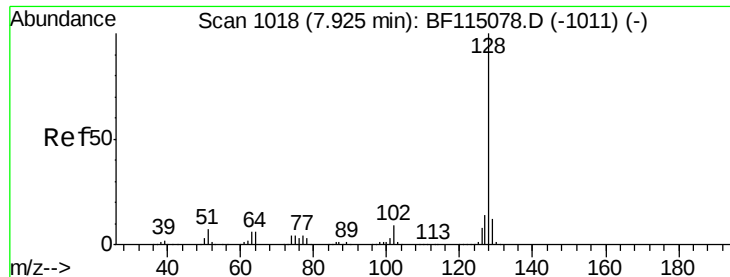


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 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

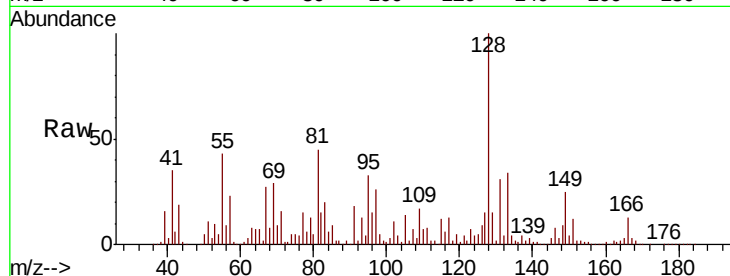
Tot Ion:128 Resp: 1543958

Ion Ratio Lower Upper

128 100

129 15.3 9.6 14.4#

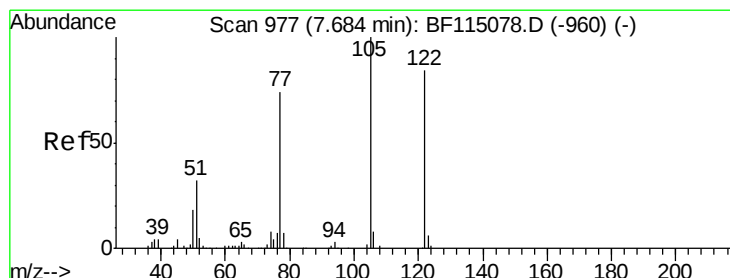
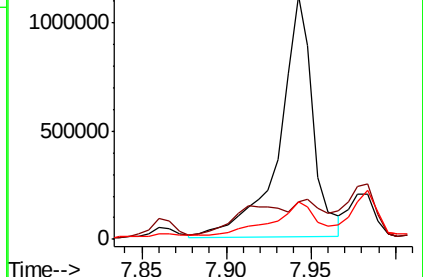
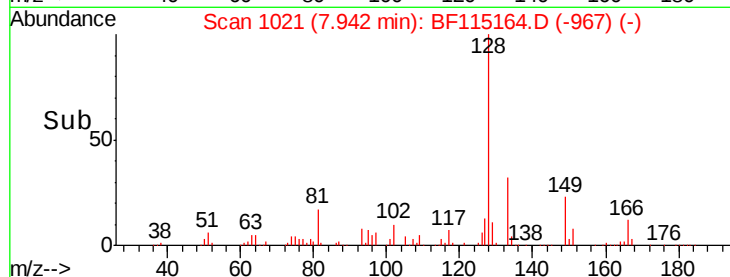
127 15.3 11.4 17.0



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

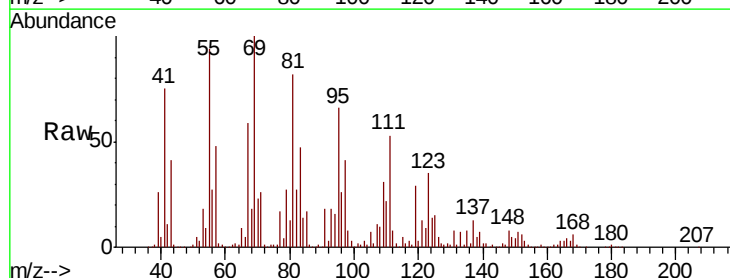
Tgt Ion:122 Resp: 71623

Ion Ratio Lower Upper

122 100

105 78.8 98.2 138.2#

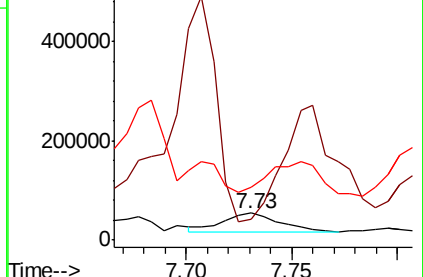
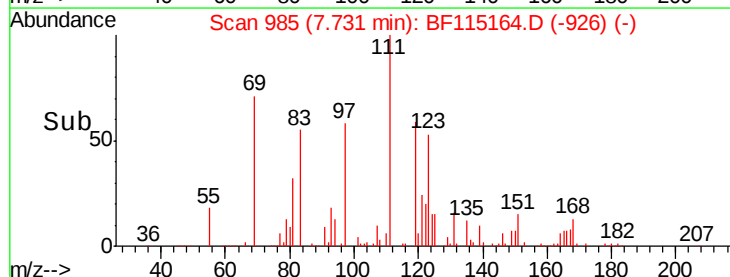
77 194.7 67.0 107.0#

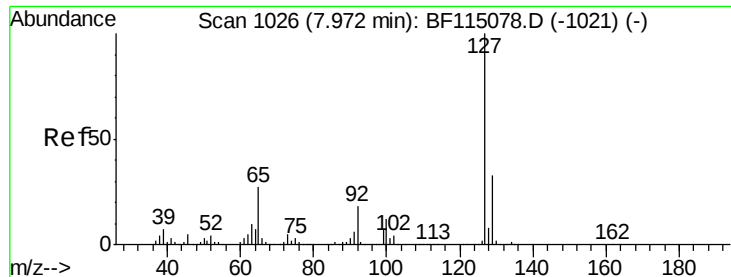


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

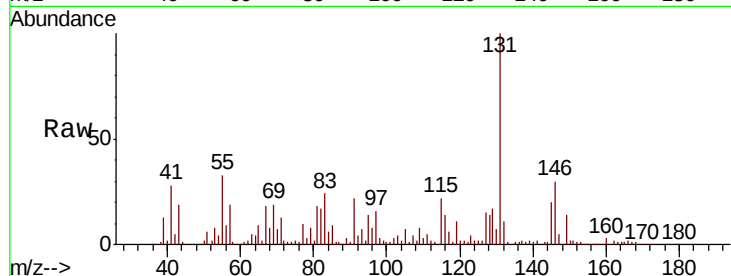




#33
4-Chloroaniline
Concen: 18.354 ng
RT: 7.98 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

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#



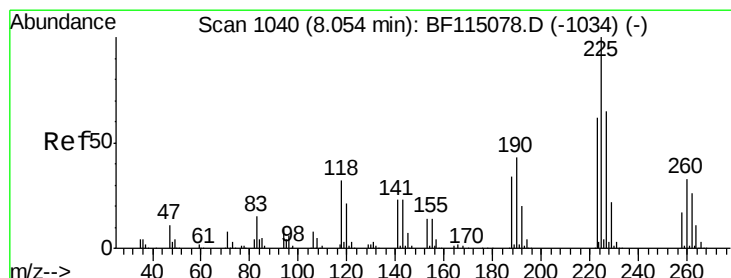
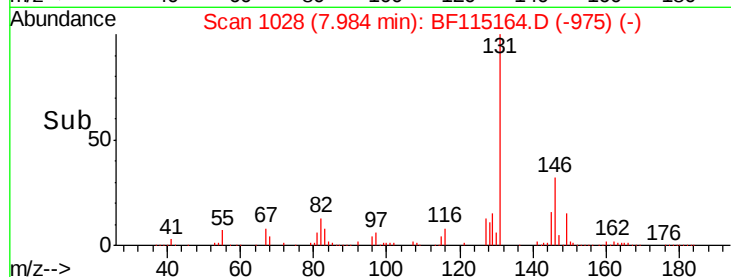
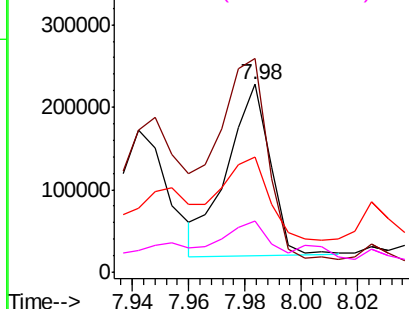
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

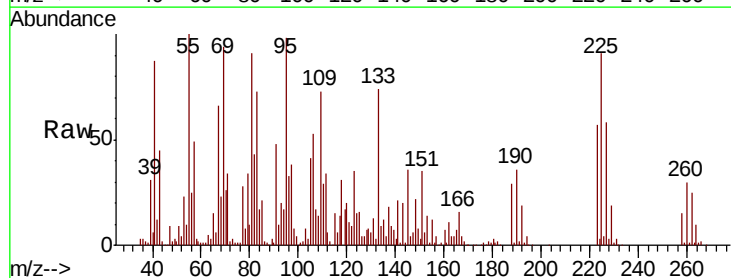
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 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

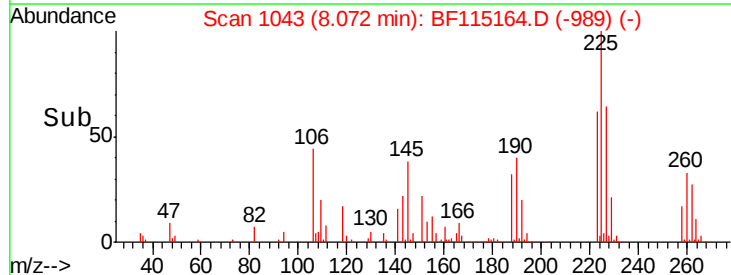
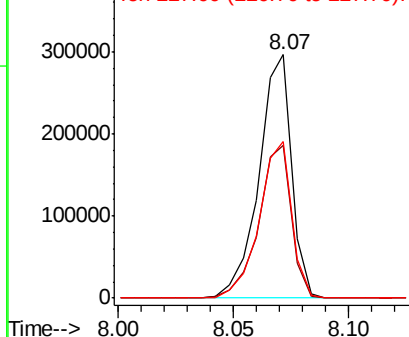


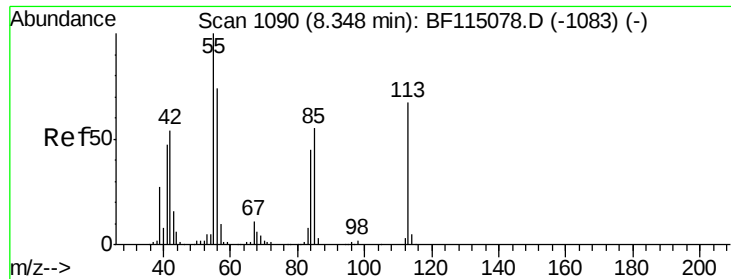
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

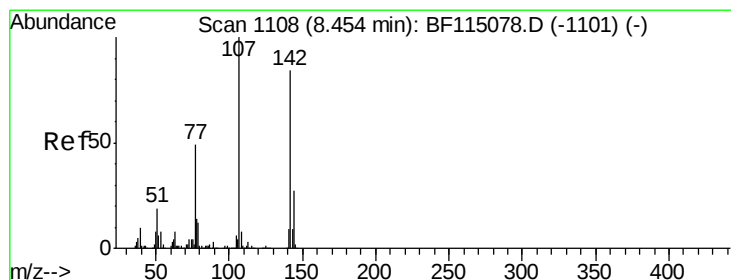
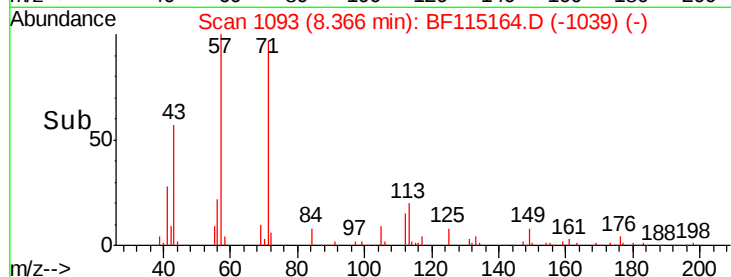
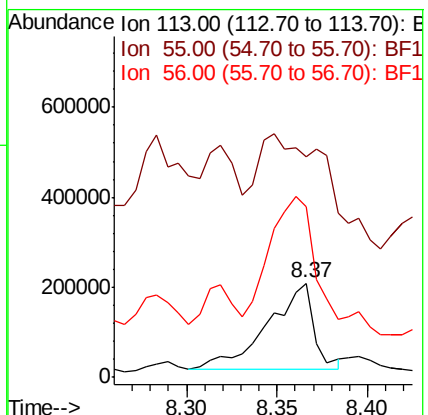
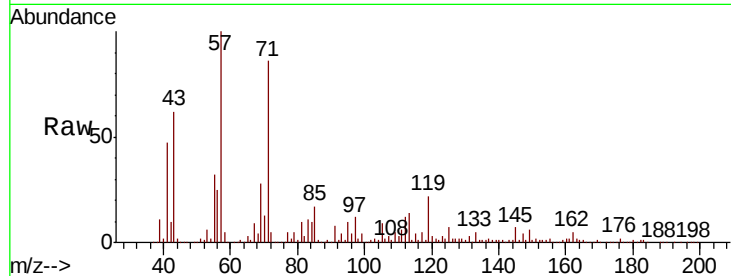




#35
 Caprolactam
 Concen: 127.049 ng
 RT: 8.37 min Scan# 1093
 Delta R.T. 0.02 min
 Lab File: BF115164.D
 Acq: 24 Jun 2019 23:01

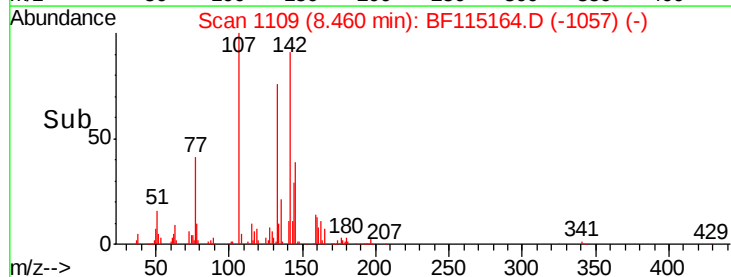
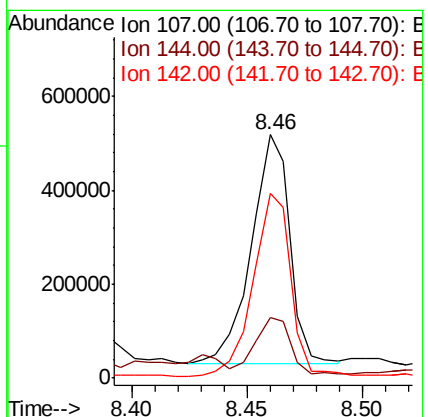
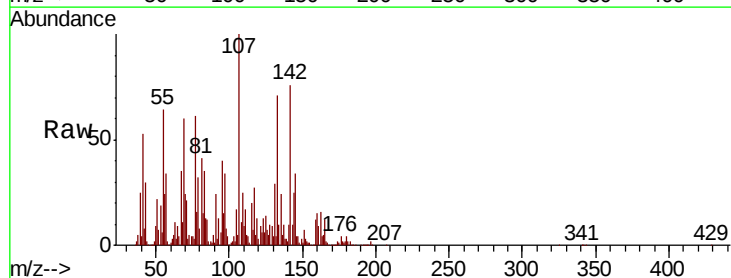
Instrument :
 BNA_F
 ClientSampled :
 TP-3MSD

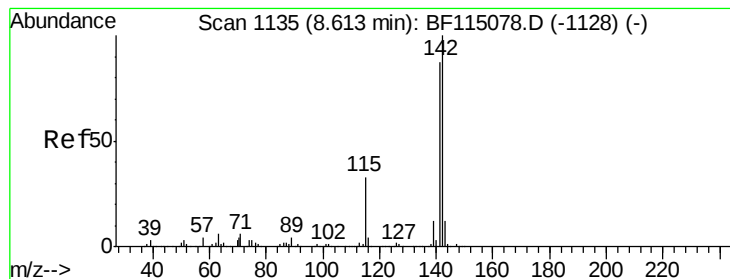
Tot Ion:113 Resp: 340181
 Ion Ratio Lower Upper
 113 100
 55 234.7 130.2 170.2#
 56 181.5 91.6 131.6#



#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

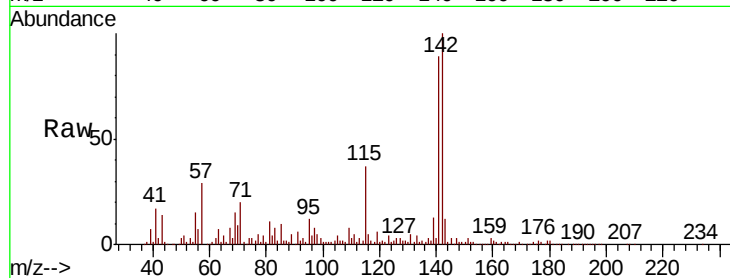




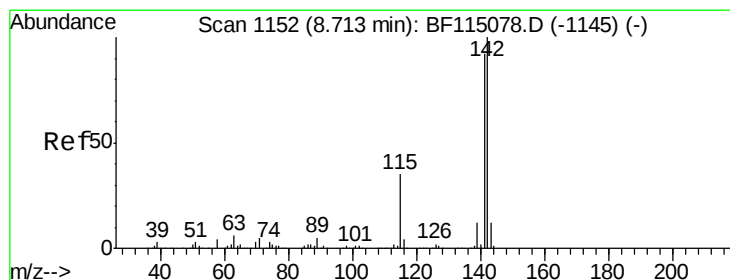
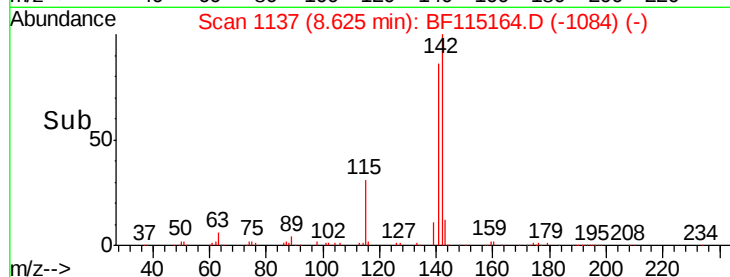
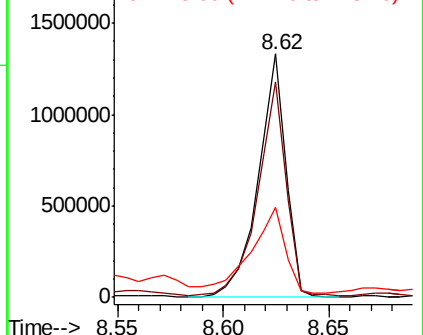
#37
2-Methylnaphthalene
Concen: 68.501 ng
RT: 8.62 min Scan# 1137
Delta R.T. 0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

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

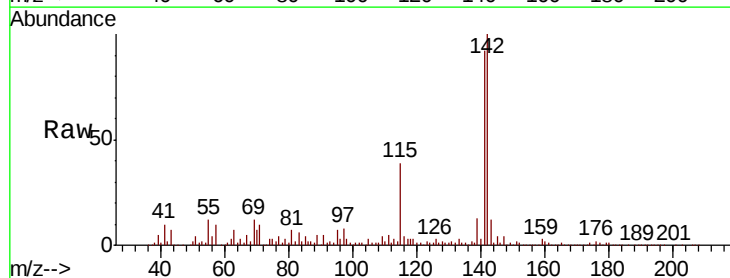


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

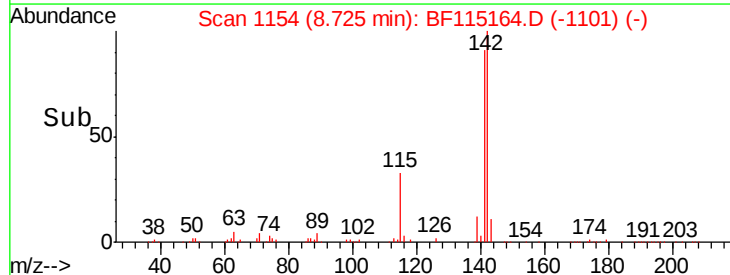
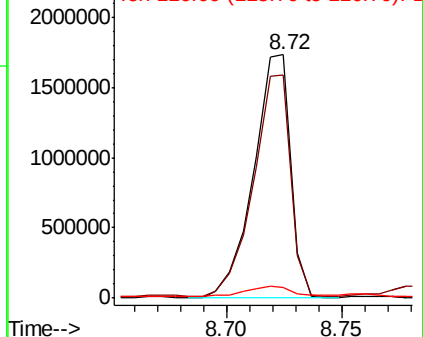


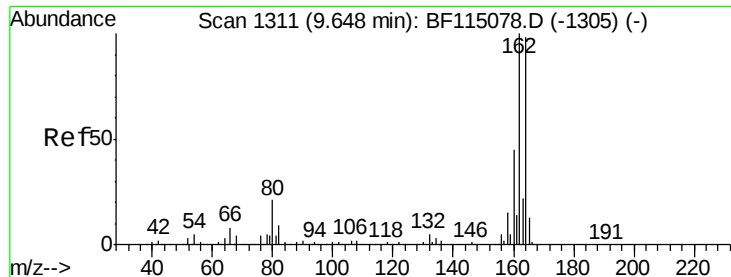
#38
1-Methylnaphthalene
Concen: 114.687 ng
RT: 8.72 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

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

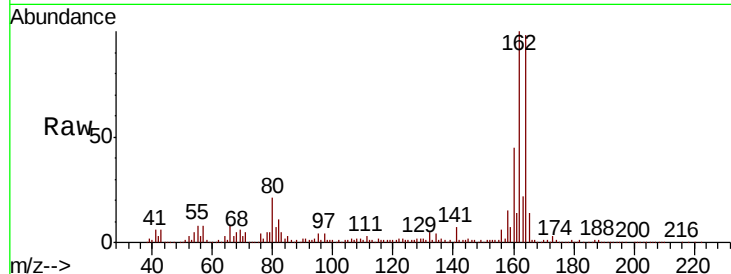




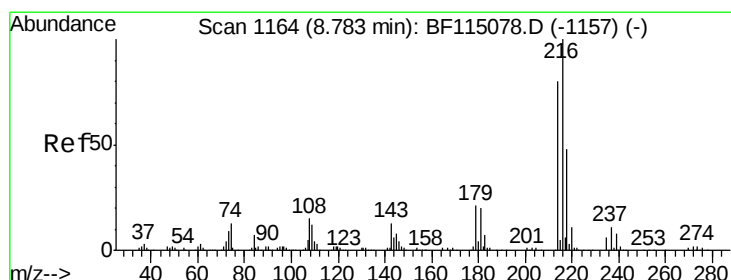
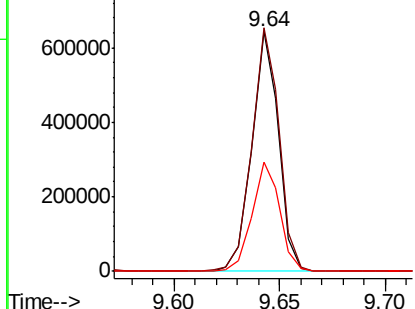
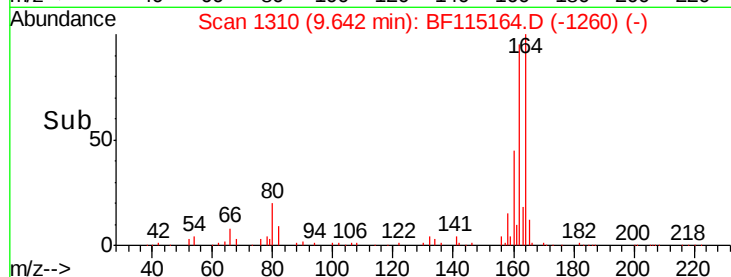
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.64 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF115164.D
 Acq: 24 Jun 2019 23:01

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

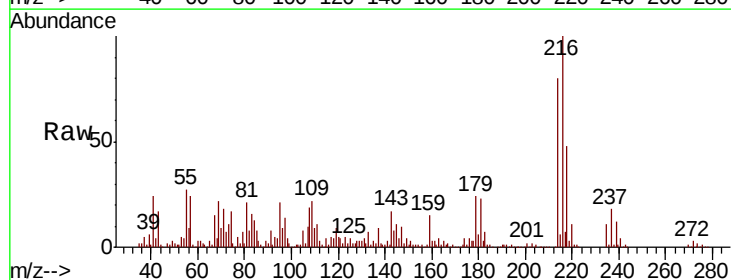


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

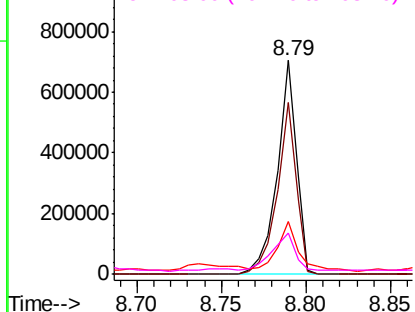
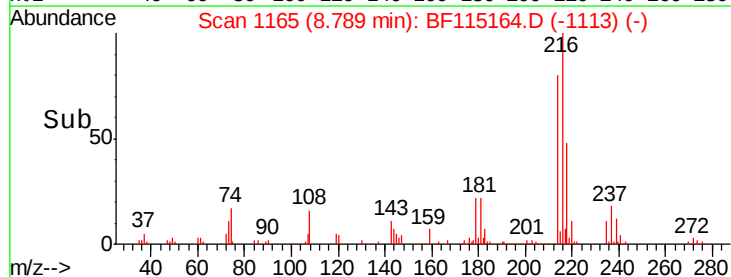


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.885 ng
 RT: 8.79 min Scan# 1165
 Delta R.T. 0.01 min
 Lab File: BF115164.D
 Acq: 24 Jun 2019 23:01

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

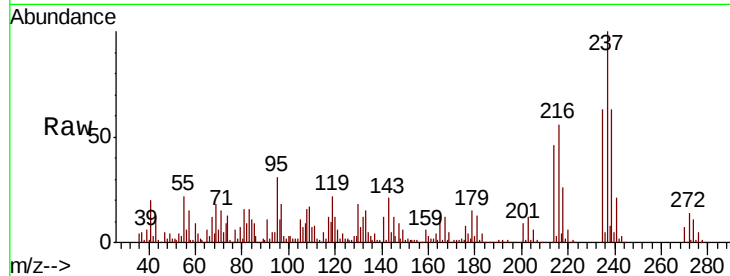
Tot Ion:237 Resp: 630525

Ion Ratio Lower Upper

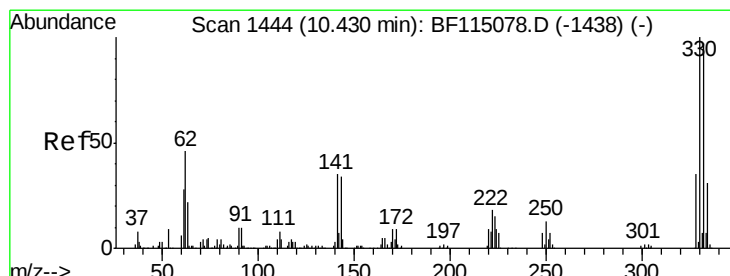
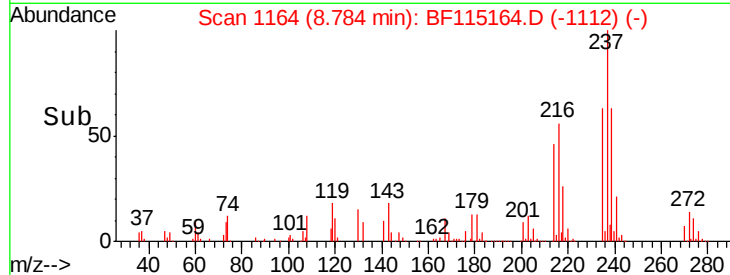
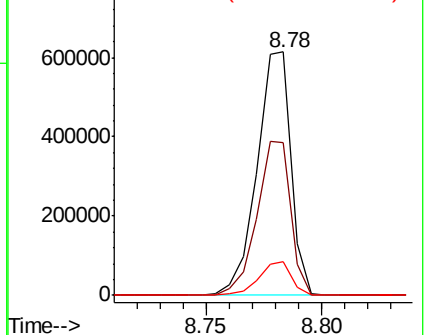
237 100

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

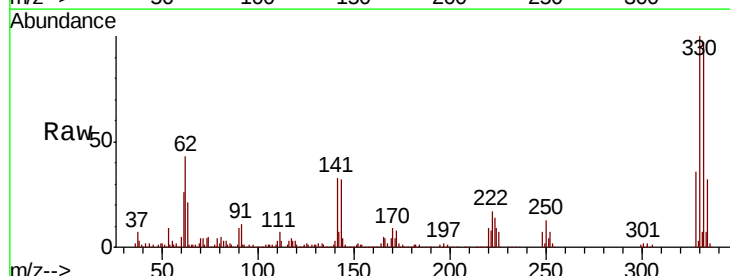
Tgt Ion:330 Resp: 542602

Ion Ratio Lower Upper

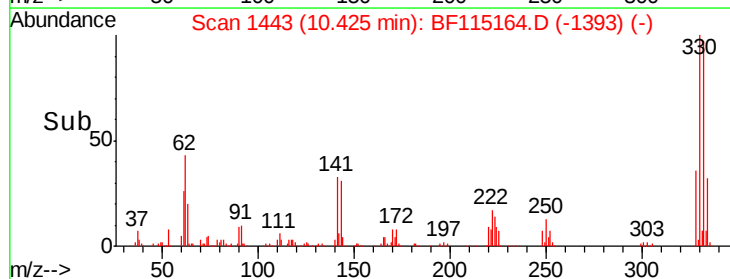
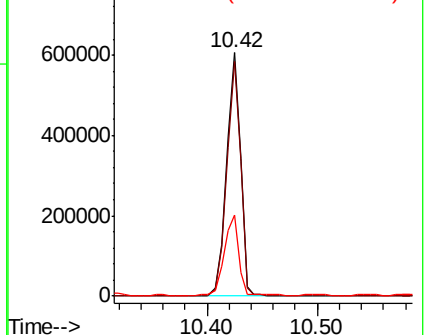
330 100

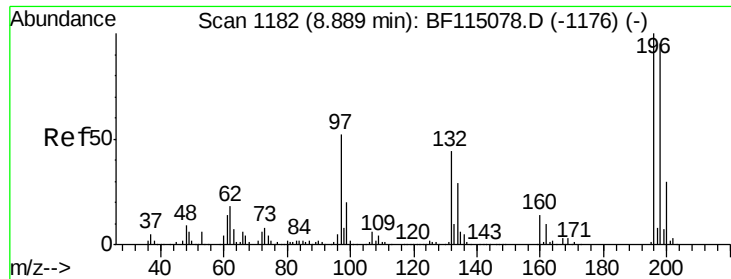
332 96.3 77.3 115.9

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

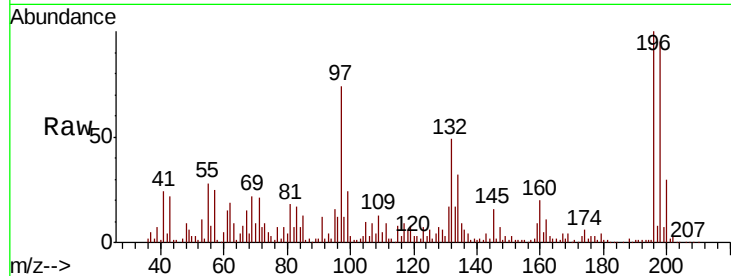




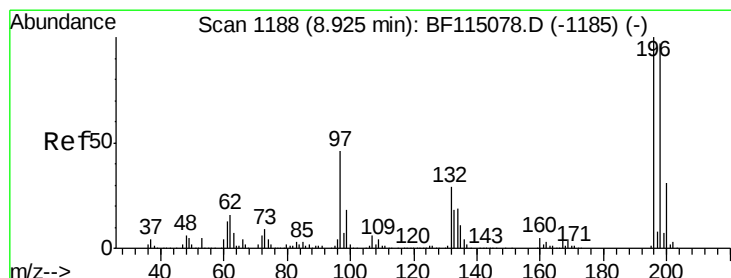
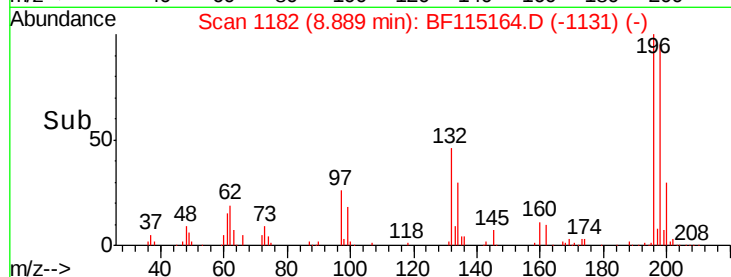
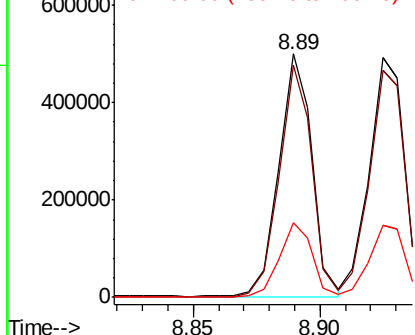
#43
 2,4,6-Trichlorophenol
 Concen: 36.888 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF115164.D
 Acq: 24 Jun 2019 23:01

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

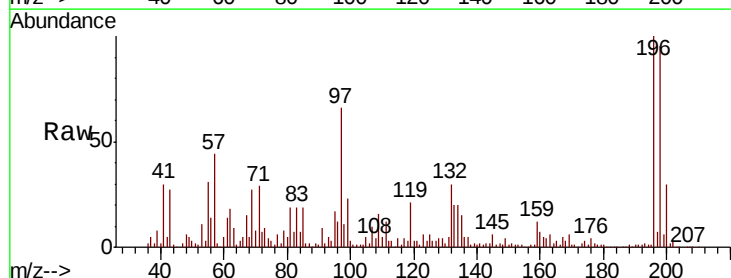


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

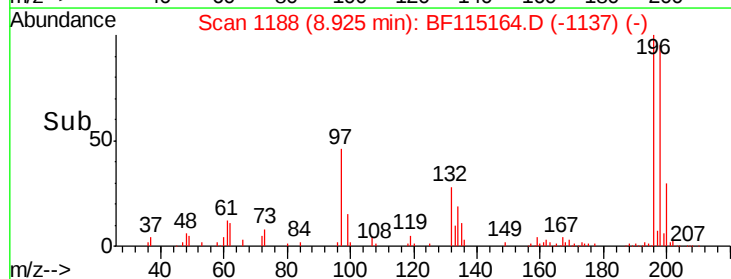
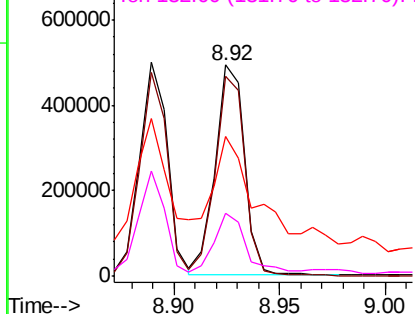


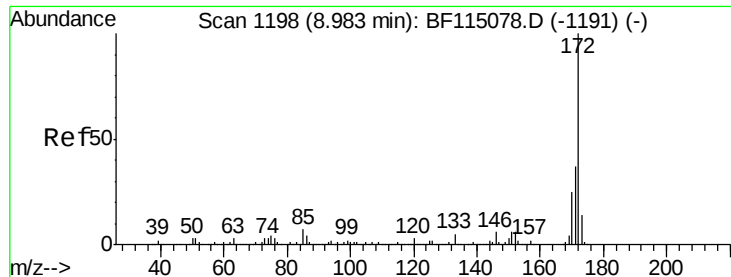
#44
 2,4,5-Trichlorophenol
 Concen: 37.759 ng
 RT: 8.92 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF115164.D
 Acq: 24 Jun 2019 23:01

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

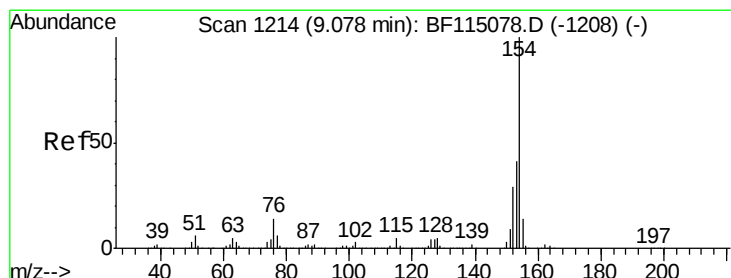
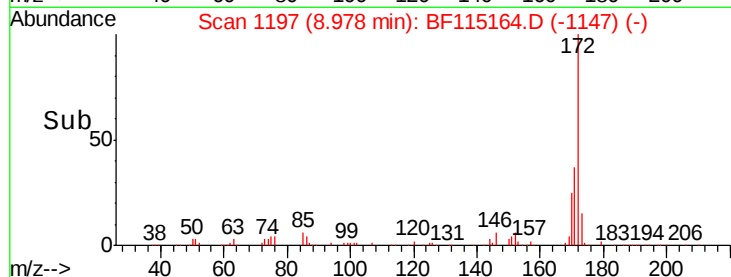
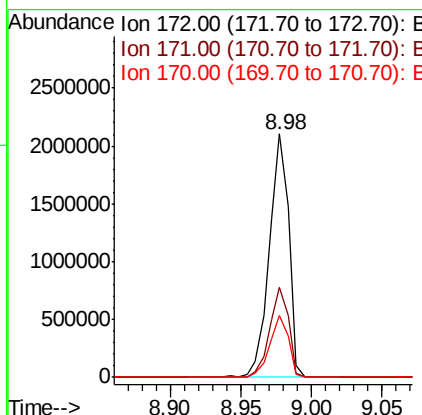
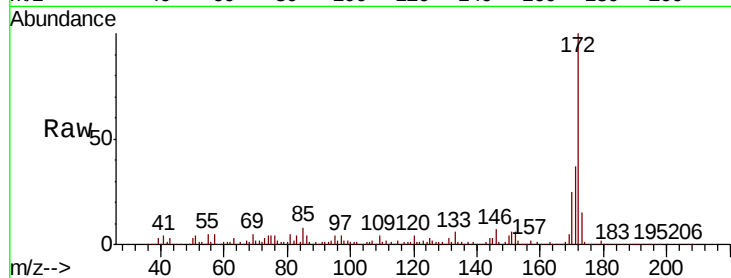




#45
2-Fluorobiphenyl
Concen: 61.702 ng
RT: 8.98 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

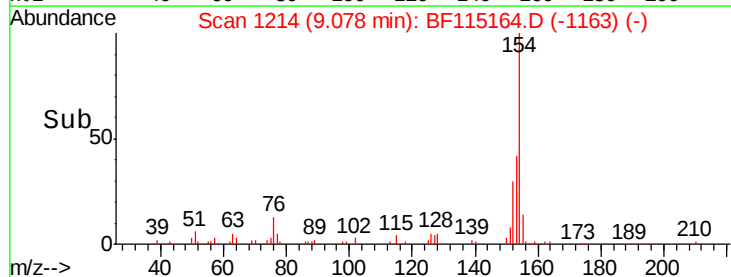
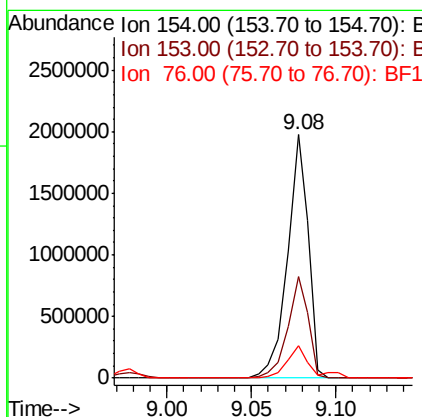
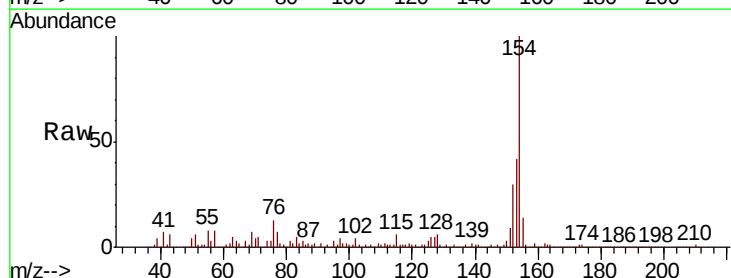
Instrument :
BNA_F
ClientSampled :
TP-3MSD

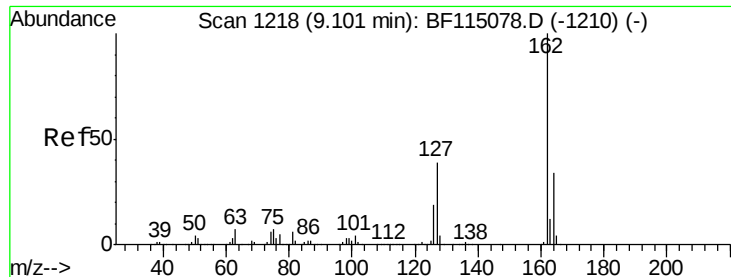
Tot Ion:172 Resp: 2041859
Ion Ratio Lower Upper
172 100
171 37.2 29.8 44.6
170 25.4 20.3 30.5



#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

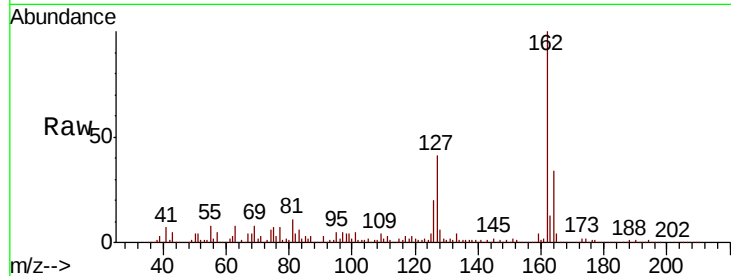




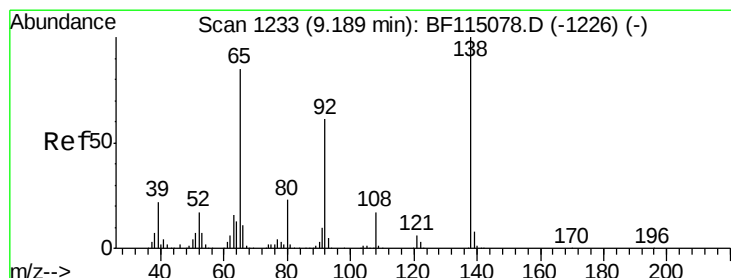
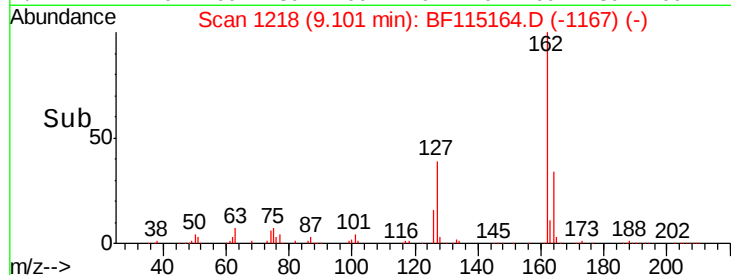
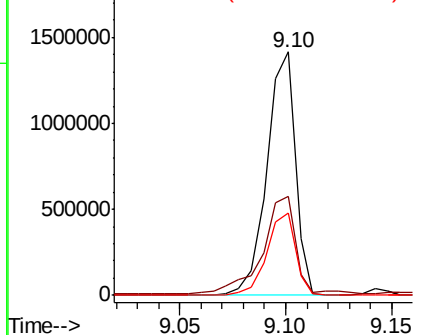
#47
2-Chloronaphthalene
Concen: 36.440 ng
RT: 9.10 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

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

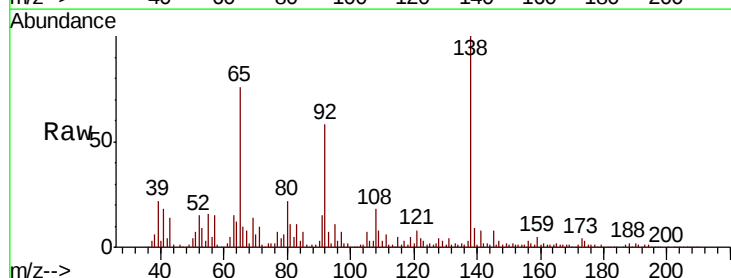


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

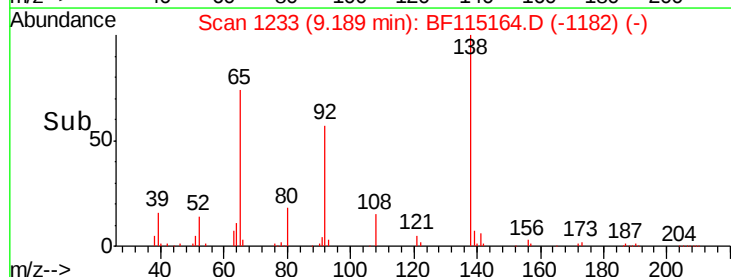
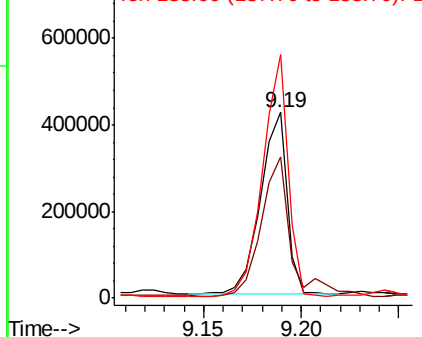


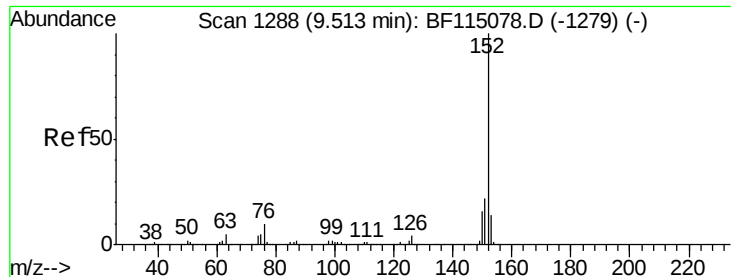
#48
2-Nitroaniline
Concen: 37.261 ng
RT: 9.19 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

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

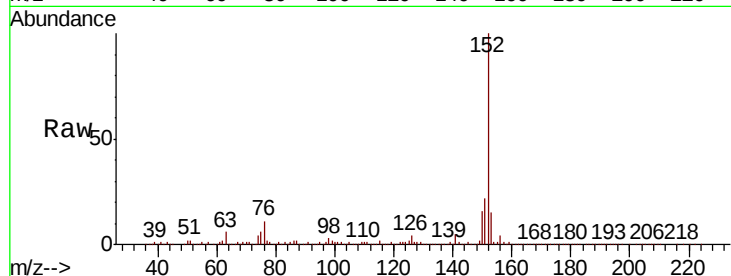
Tot Ion:152 Resp: 2160585

Ion Ratio Lower Upper

152 100

151 21.9 17.2 25.8

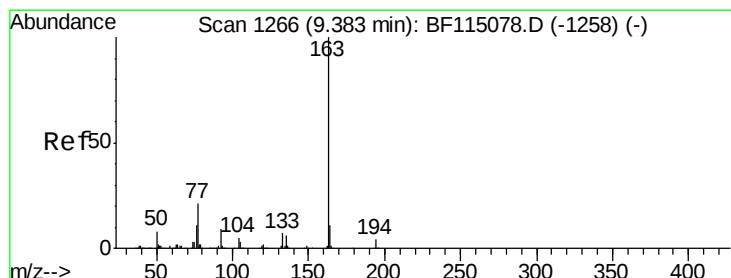
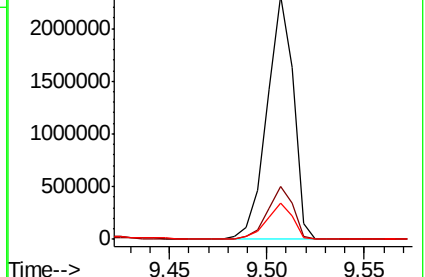
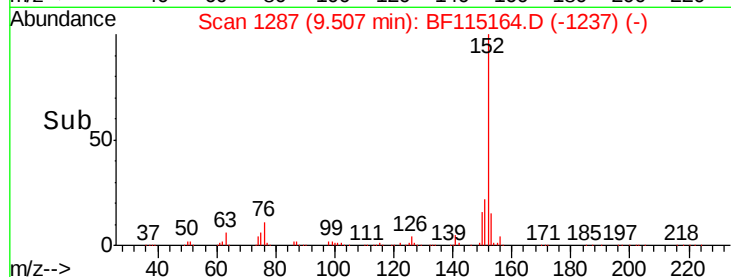
153 15.1 11.0 16.6



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

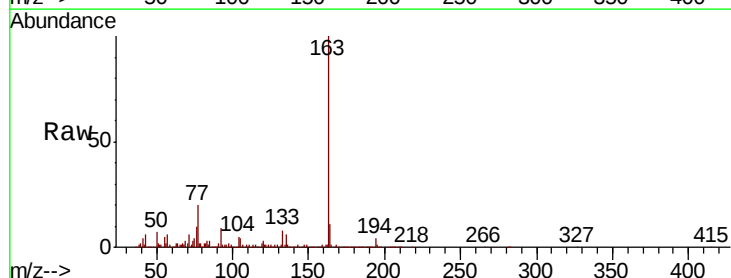
Tgt Ion:163 Resp: 2047784

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

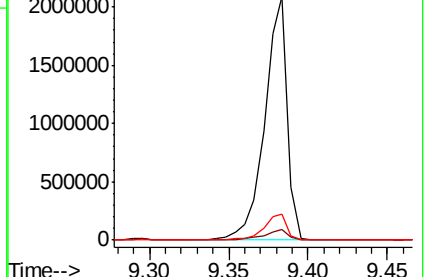
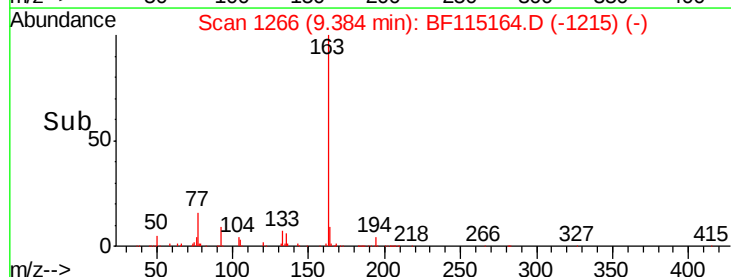
164 10.8 8.6 13.0

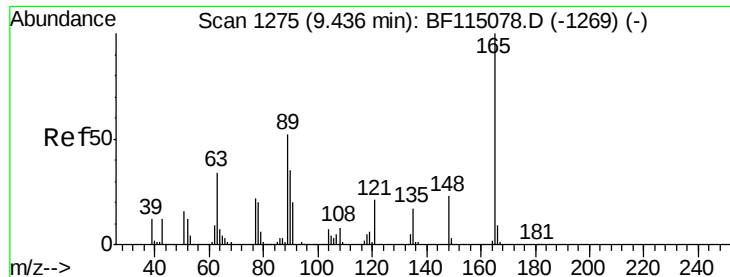


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

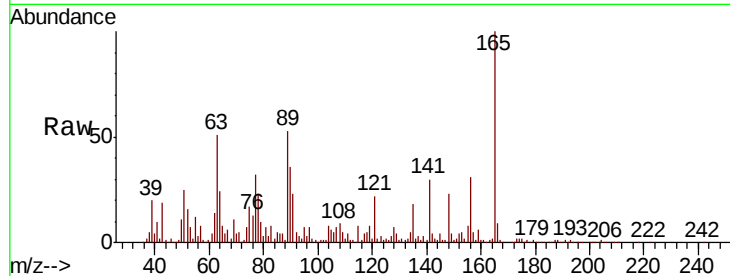




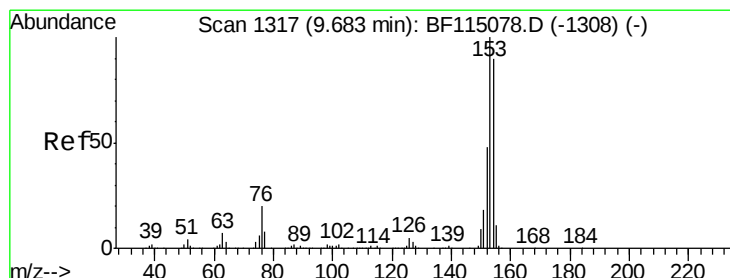
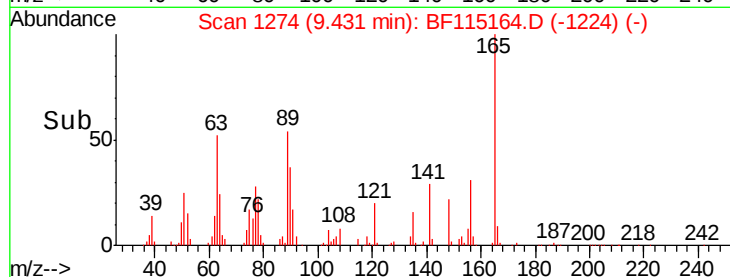
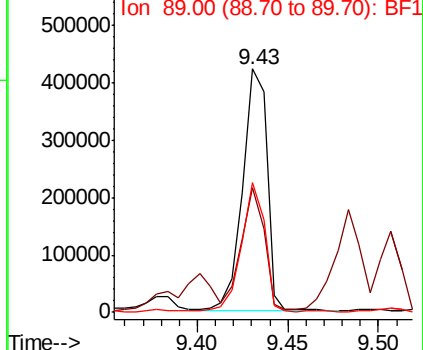
#51
2,6-Dinitrotoluene
Concen: 41.100 ng
RT: 9.43 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

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

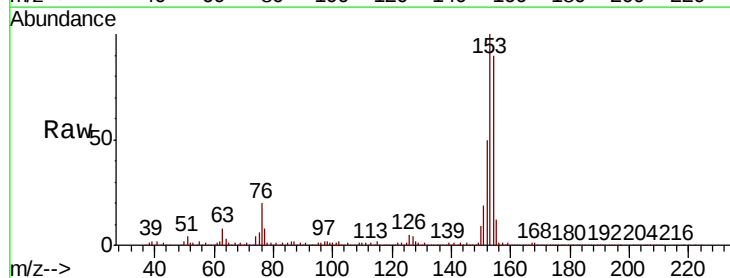


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

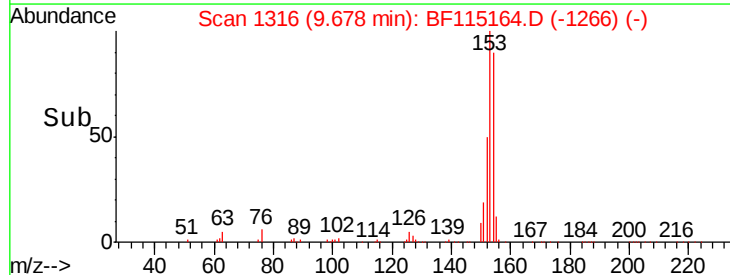
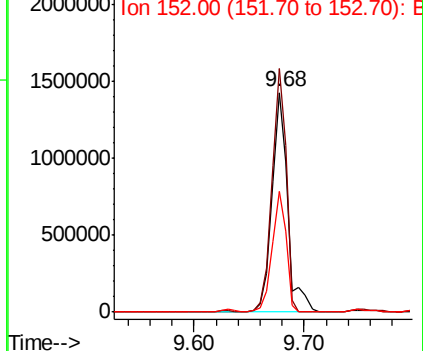


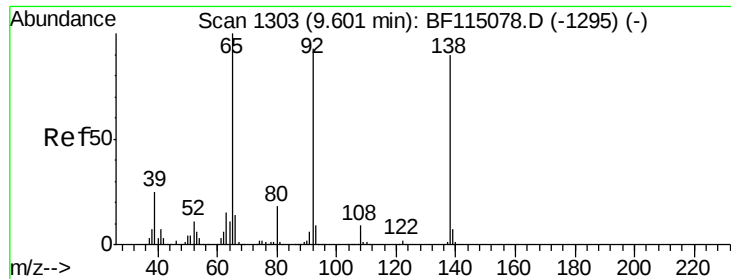
#52
Acenaphthene
Concen: 39.881 ng
RT: 9.68 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

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

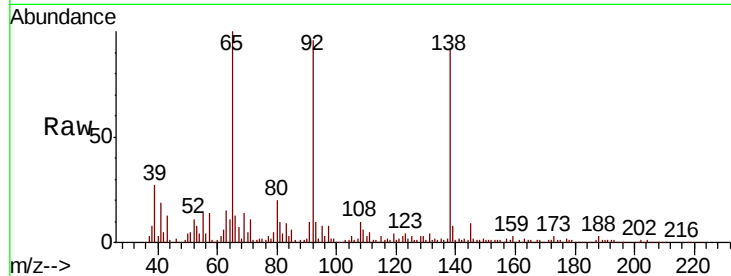




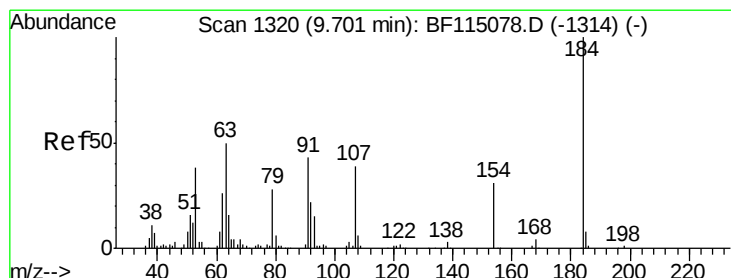
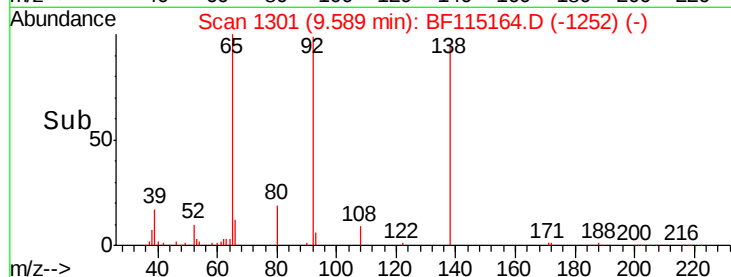
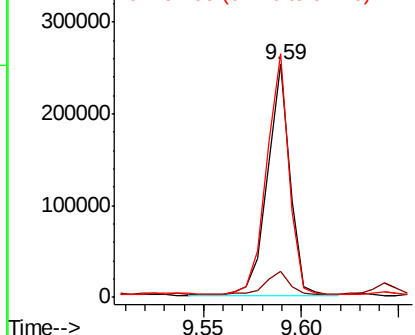
#53
3-Nitroaniline
Concen: 17.334 ng
RT: 9.59 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

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

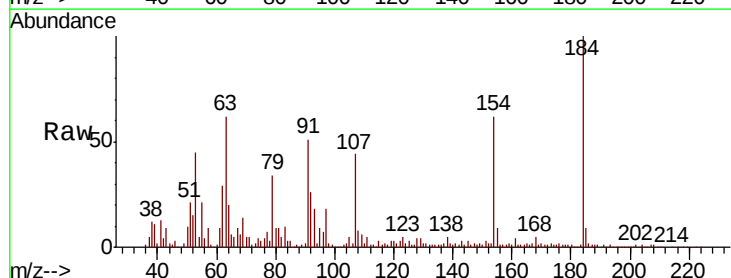


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

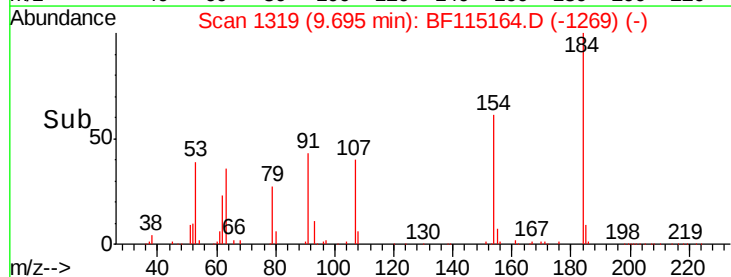
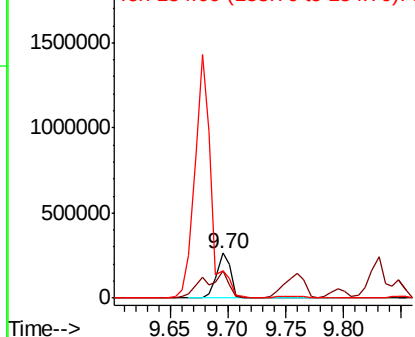


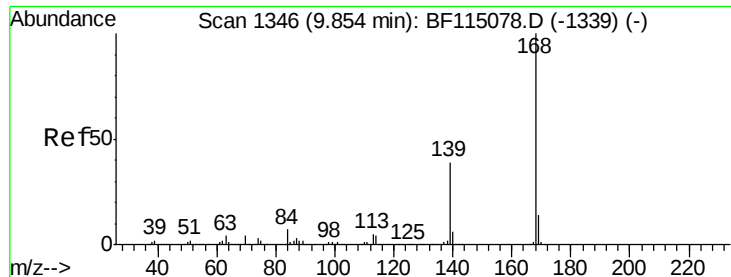
#54
2,4-Dinitrophenol
Concen: 49.056 ng
RT: 9.70 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

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

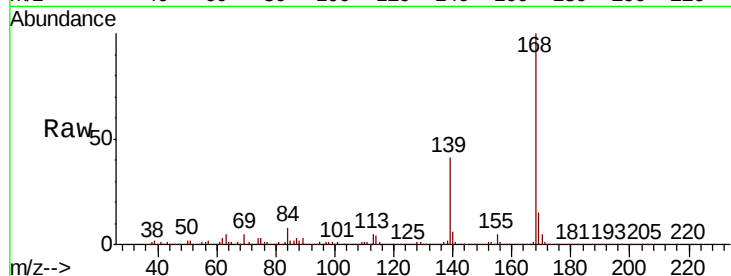




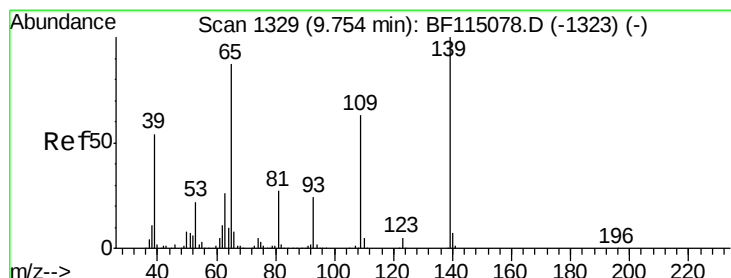
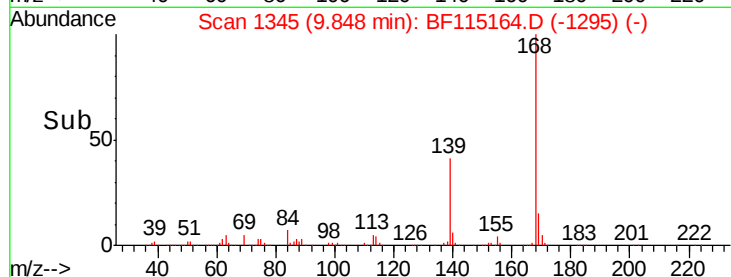
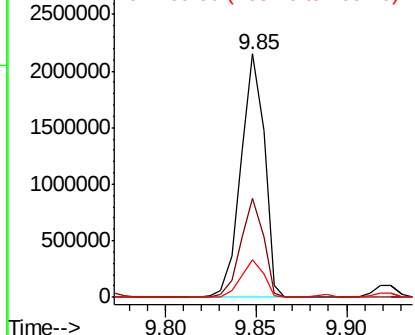
#55
Dibenzofuran
Concen: 37.998 ng
RT: 9.85 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

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

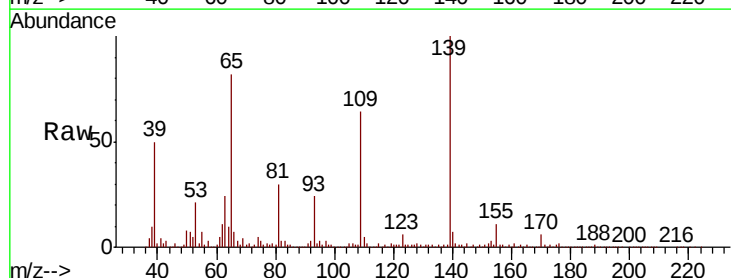


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

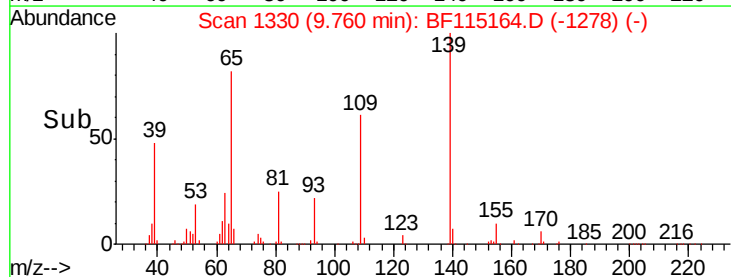
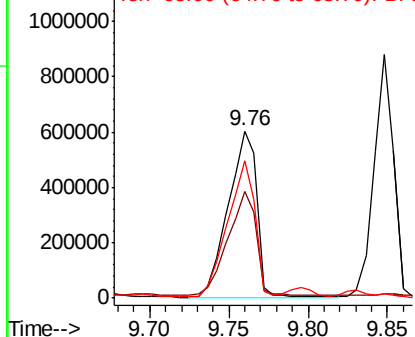


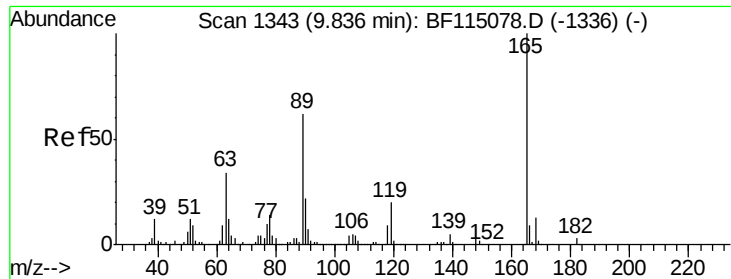
#56
4-Nitrophenol
Concen: 79.832 ng
RT: 9.76 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

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

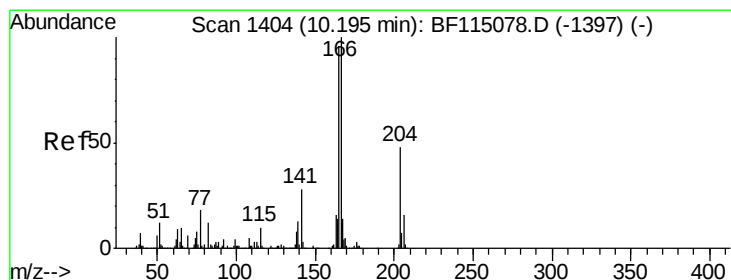
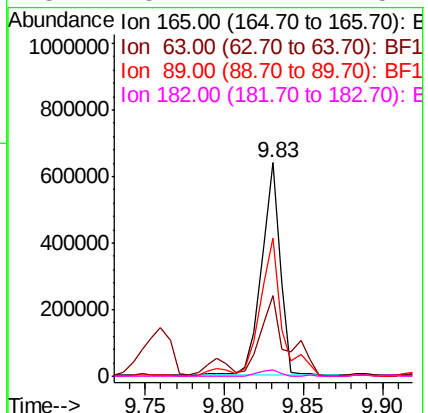
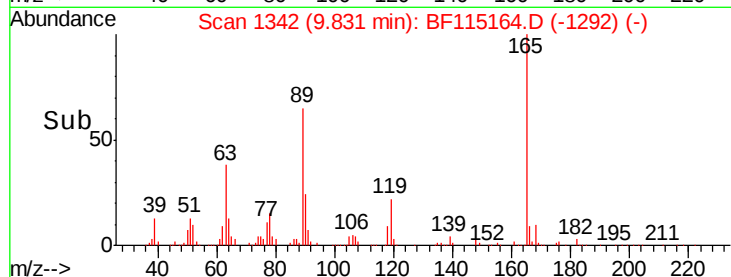
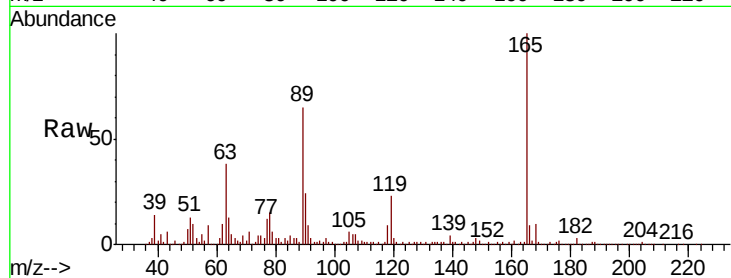




#57
 2,4-Dinitrotoluene
 Concen: 42.946 ng
 RT: 9.83 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF115164.D
 Acq: 24 Jun 2019 23:01

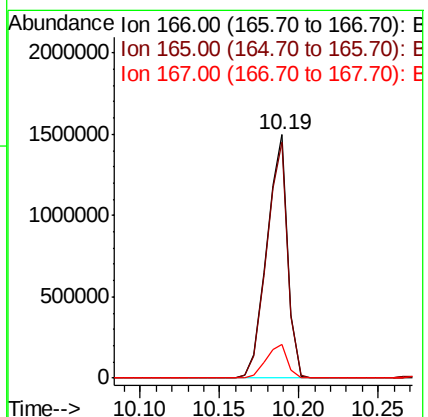
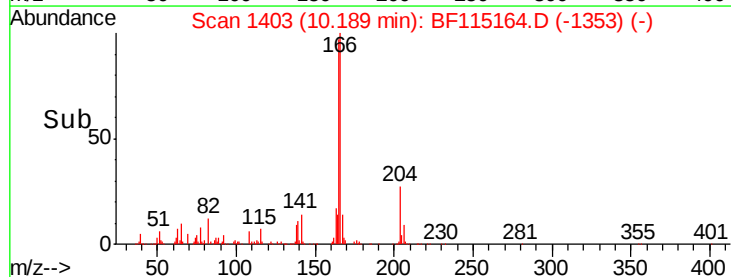
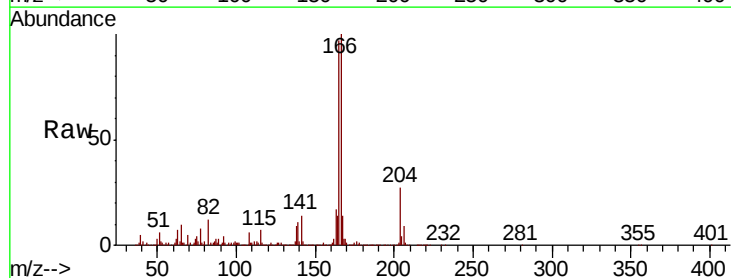
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

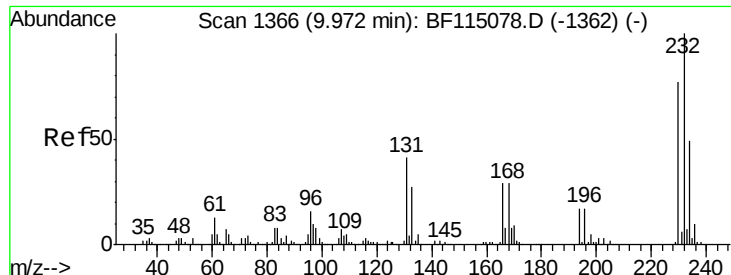
Tot Ion	Ratio	Lower	Upper
165	100		
63	37.6	27.5	41.3
89	65.0	49.9	74.9
182	3.2	2.1	3.1#



#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	Ratio	Lower	Upper
166	100		
165	96.9	76.5	114.7
167	13.8	11.0	16.4

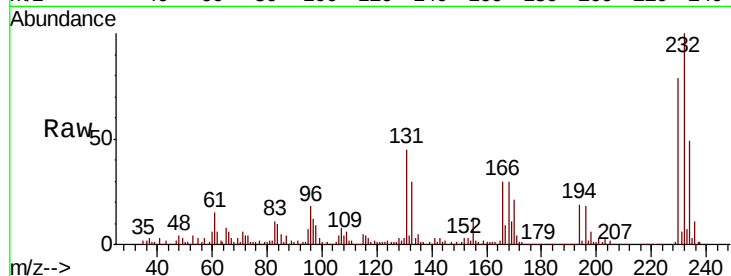




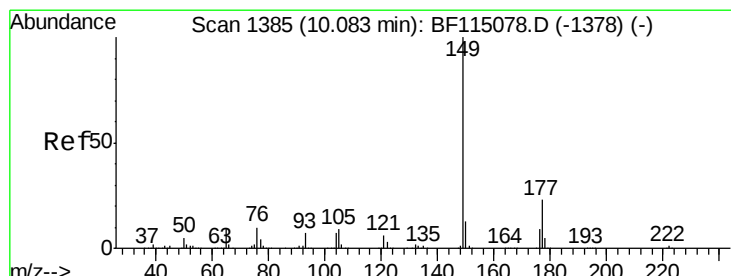
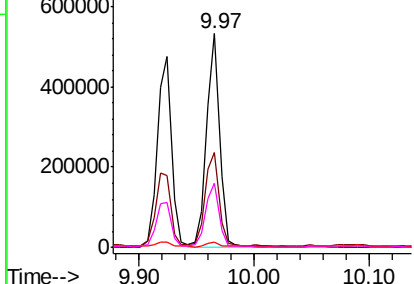
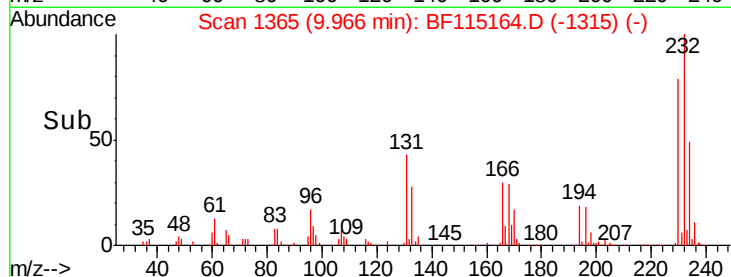
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.128 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF115164.D
 Acq: 24 Jun 2019 23:01

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

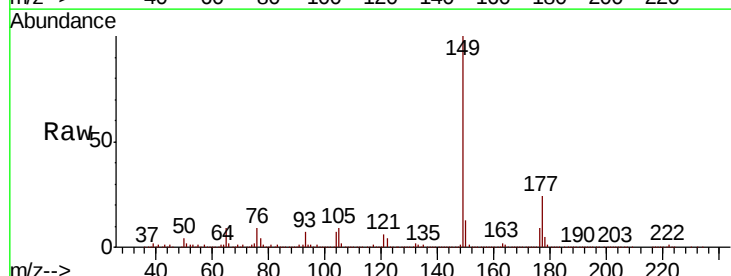


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

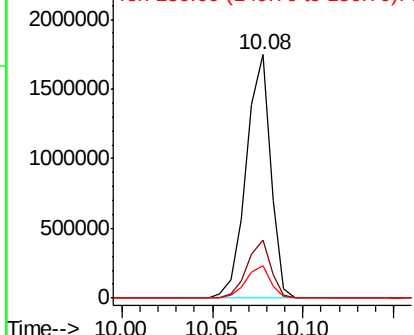
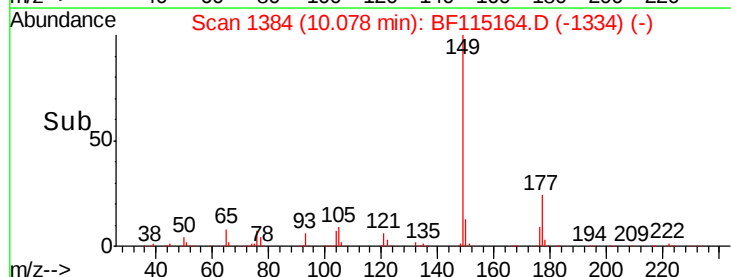


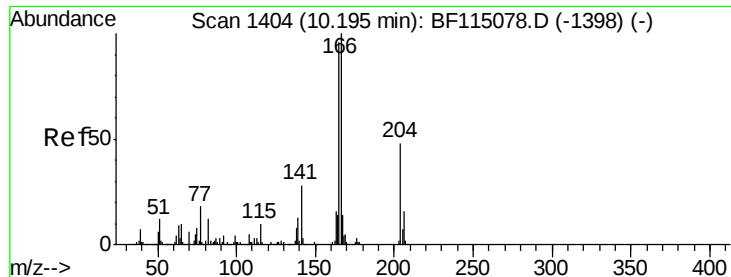
#60
 Diethylphthalate
 Concen: 39.259 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF115164.D
 Acq: 24 Jun 2019 23:01

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



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





#61

4-Chlorophenyl-phenylether

Concen: 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

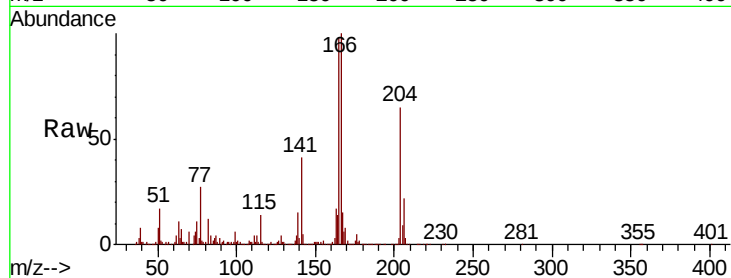
Tot Ion:204 Resp: 647685

Ion Ratio Lower Upper

204 100

206 33.2 26.6 40.0

141 63.3 46.7 70.1

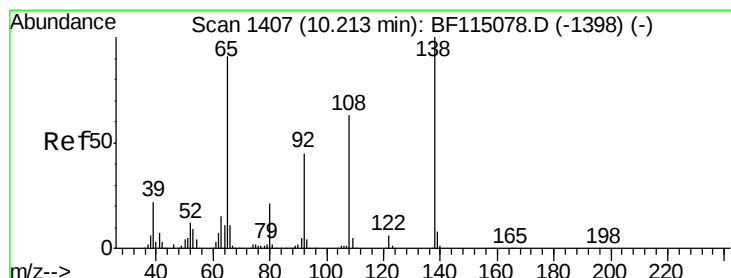
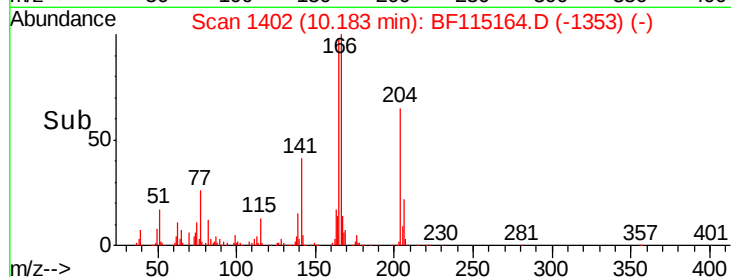
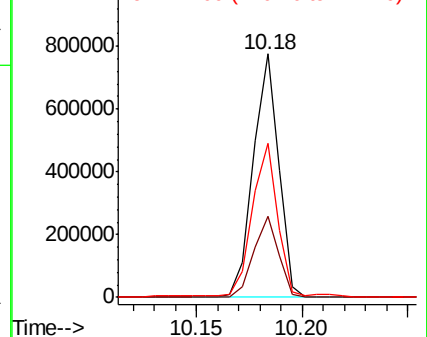


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 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

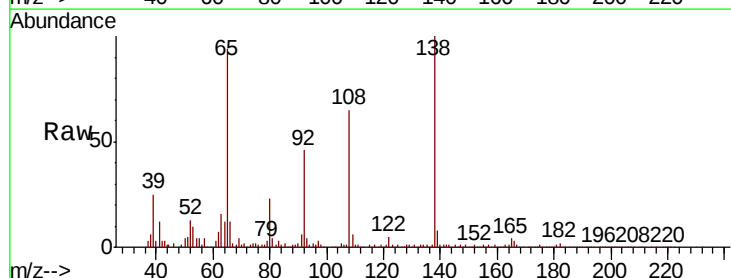
Tgt Ion:138 Resp: 419845

Ion Ratio Lower Upper

138 100

92 46.1 24.8 64.8

108 65.5 43.3 83.3

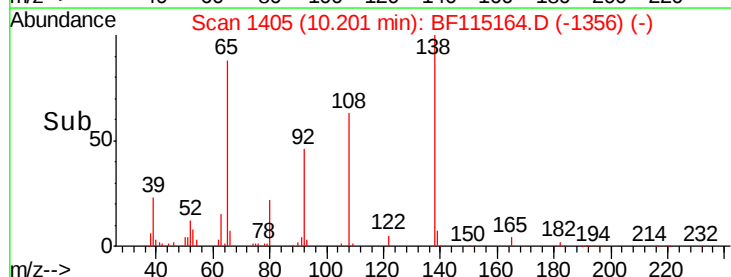
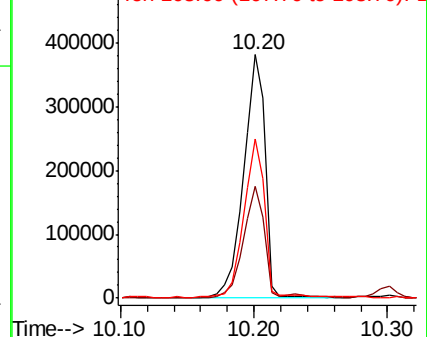


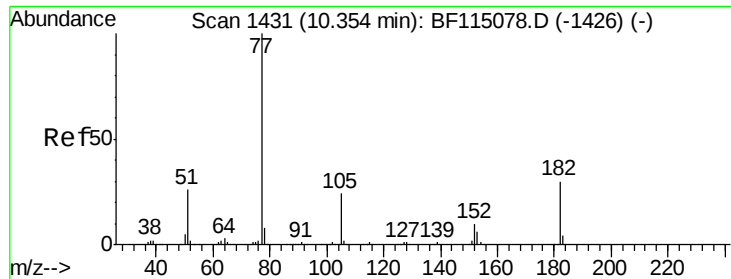
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 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

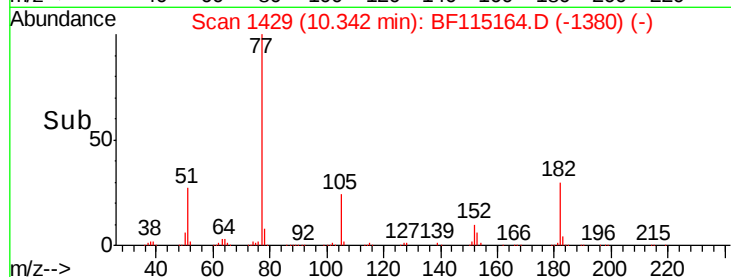
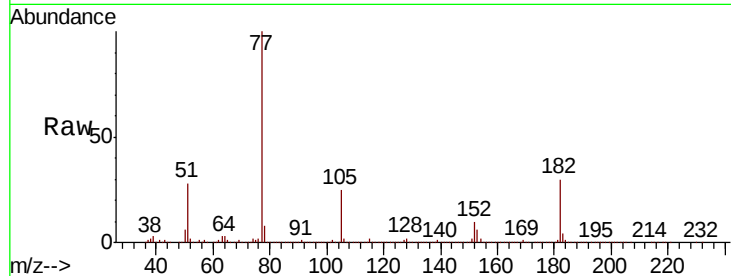
Ion	Ratio	Lower	Upper
77	100		
182	29.7	10.1	50.1
105	24.6	4.5	44.5
51	27.5	6.4	46.4

77 100

182 29.7 10.1 50.1

105 24.6 4.5 44.5

51 27.5 6.4 46.4

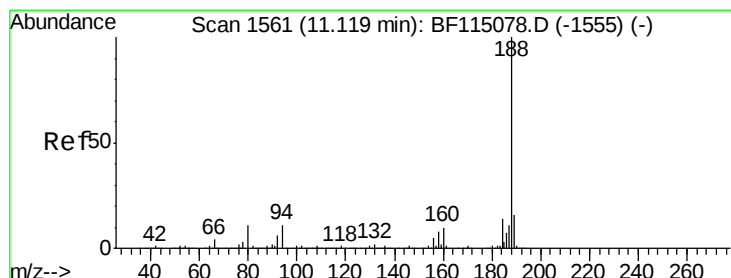
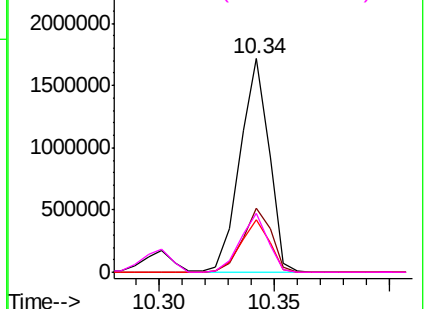


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#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

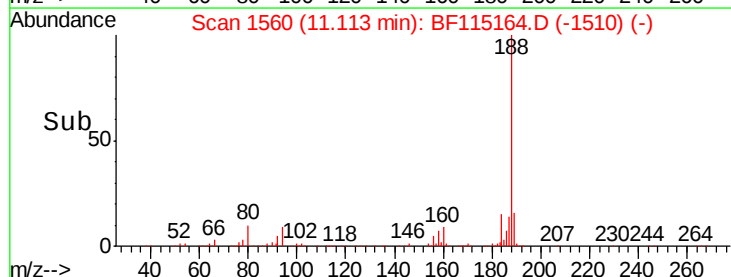
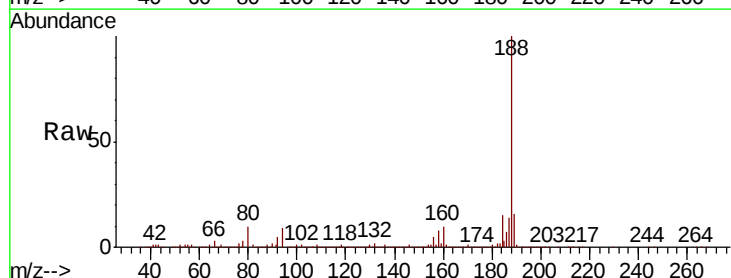
Tgt Ion: 188 Resp: 1136074

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

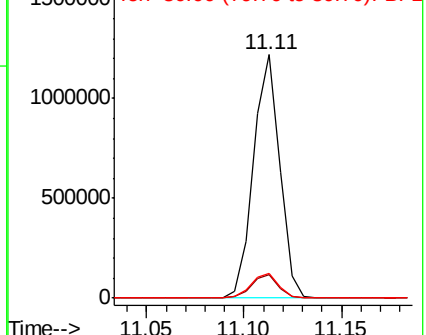
80 10.0 8.8 13.2

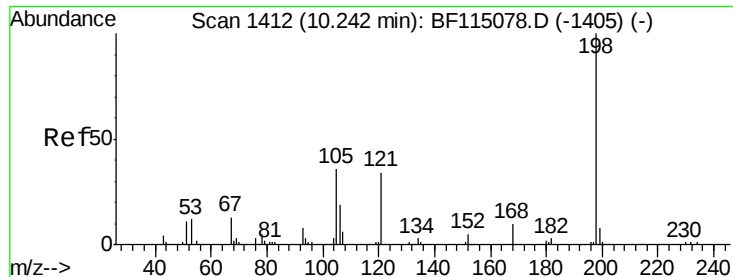


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 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

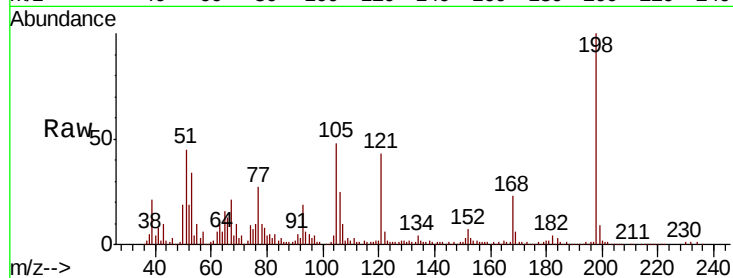
Tot Ion:198 Resp: 185689

Ion Ratio Lower Upper

198 100

51 44.5 11.0 51.0

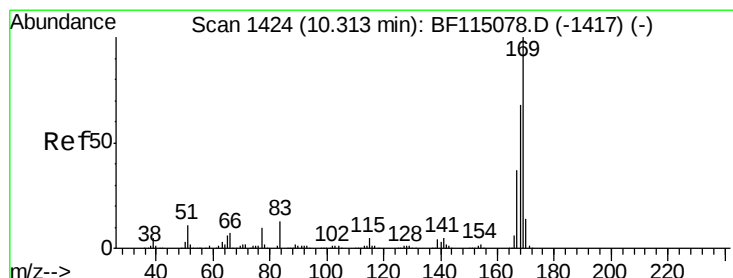
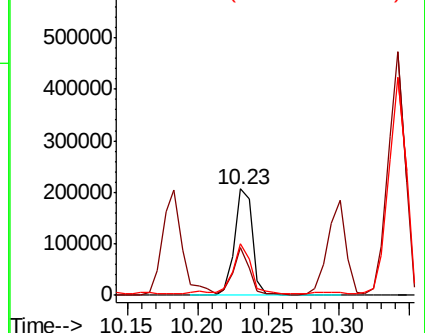
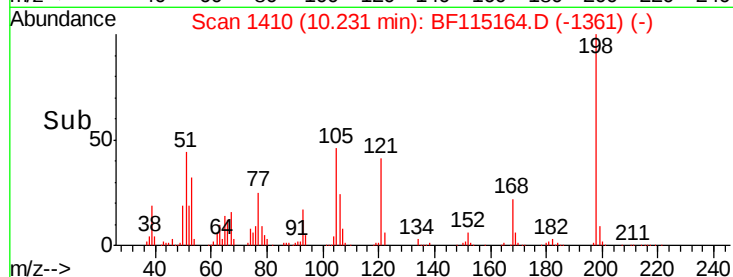
105 48.4 17.3 57.3



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

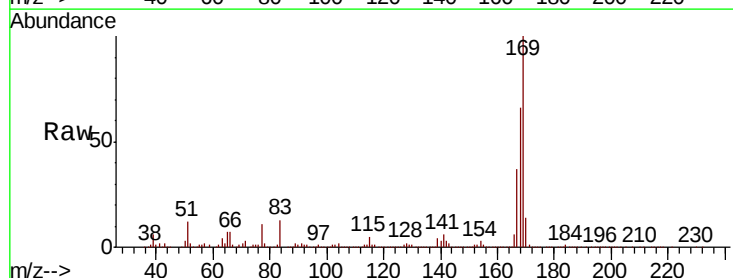
Tgt Ion:169 Resp: 1401189

Ion Ratio Lower Upper

169 100

168 66.3 54.2 81.4

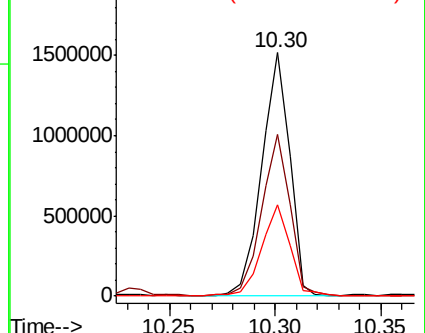
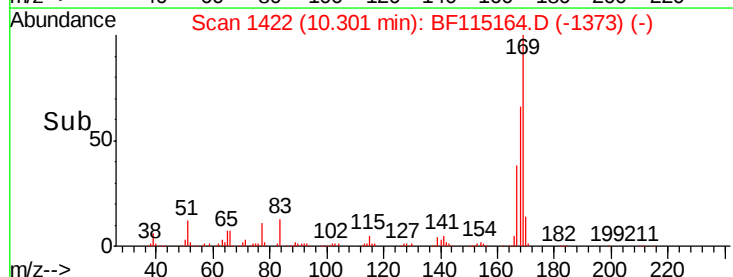
167 37.5 29.4 44.0



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

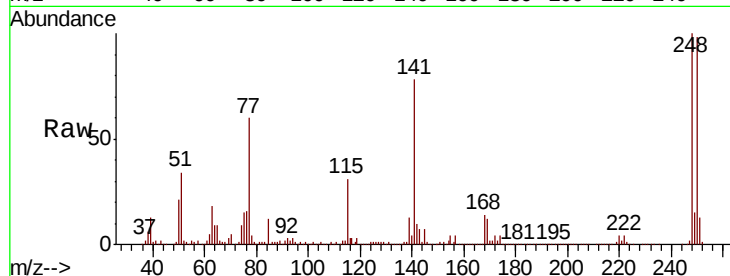




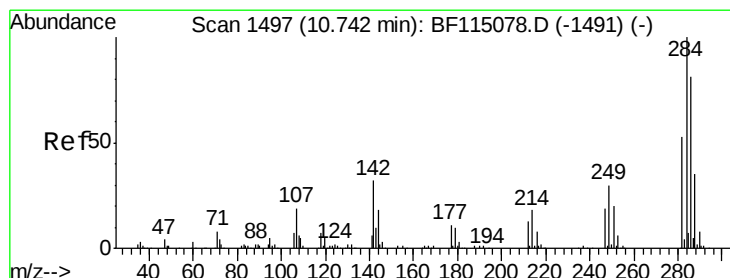
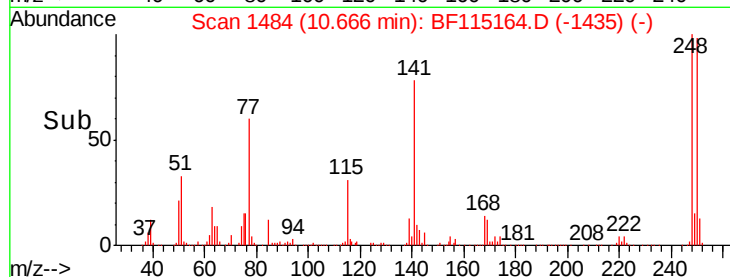
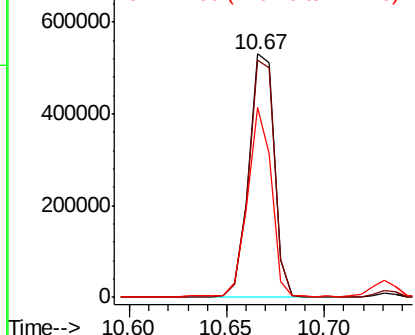
#67
4-Bromophenyl-phenylether
Concen: 39.075 ng
RT: 10.67 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

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

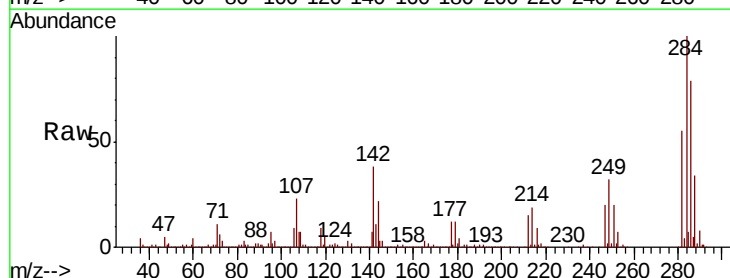


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

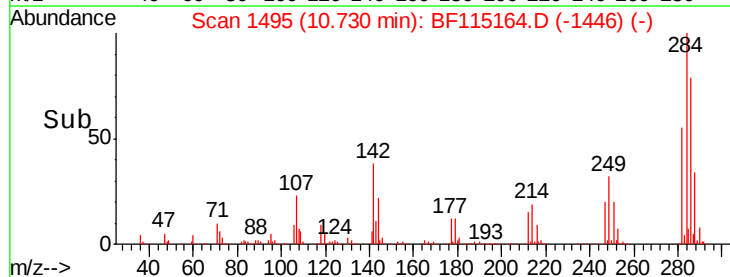
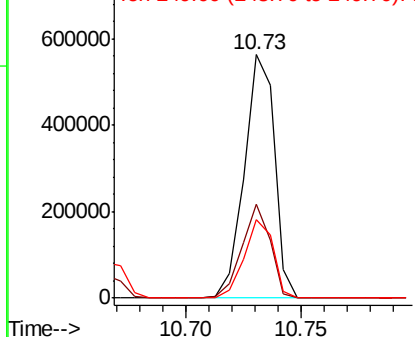


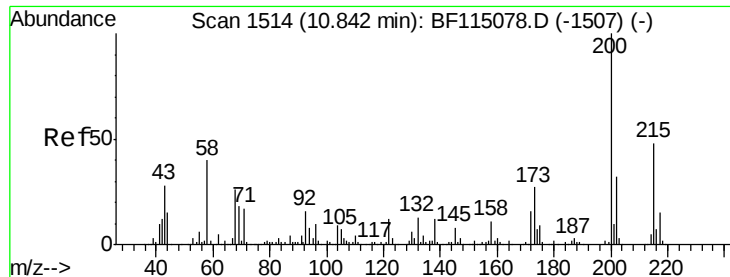
#68
Hexachlorobenzene
Concen: 38.507 ng
RT: 10.73 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

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

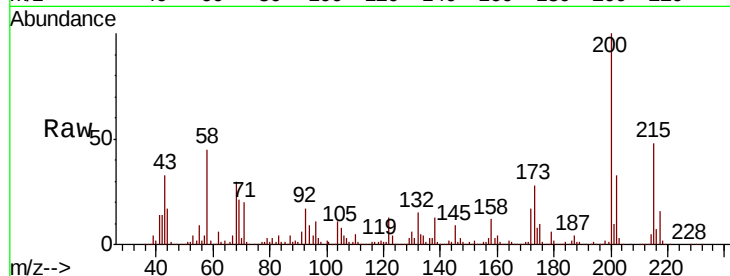
Tot Ion:200 Resp: 459305

Ion Ratio Lower Upper

200 100

173 28.3 7.4 47.4

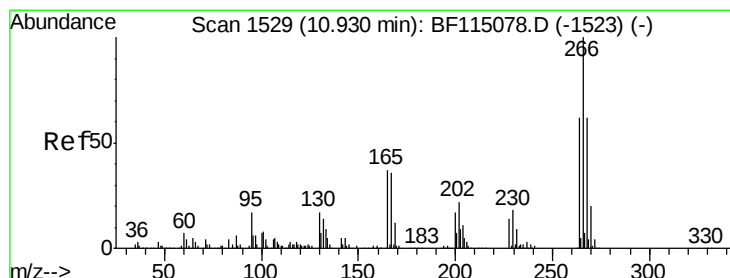
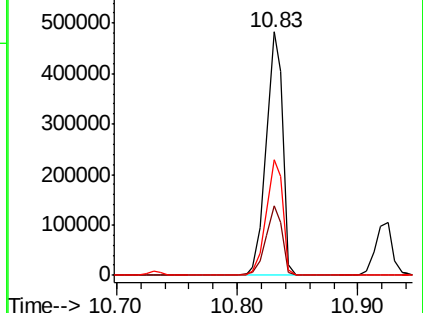
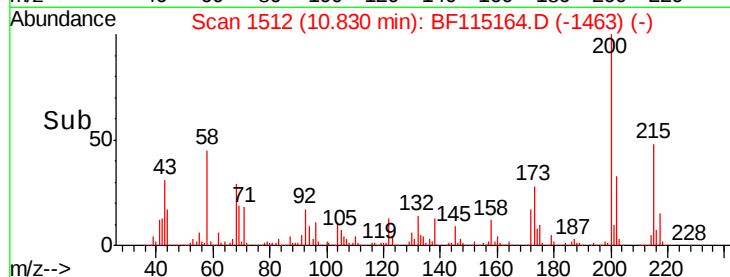
215 47.6 27.8 67.8



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

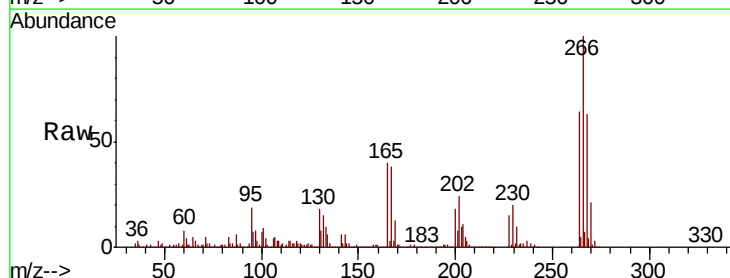
Tgt Ion:266 Resp: 570932

Ion Ratio Lower Upper

266 100

268 62.7 49.5 74.3

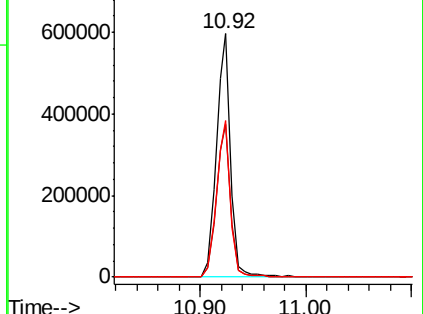
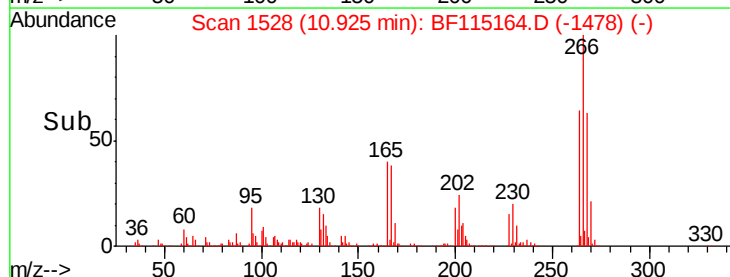
264 64.3 49.3 73.9

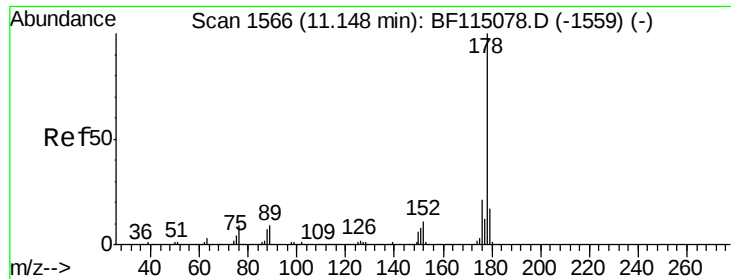


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

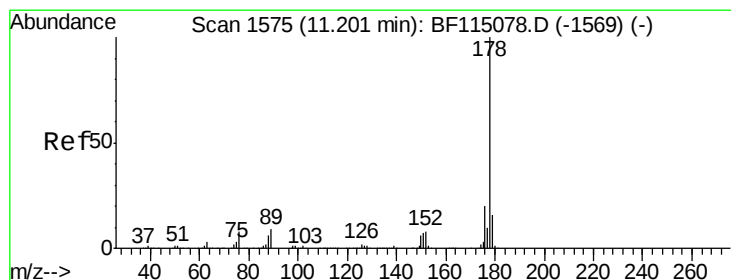
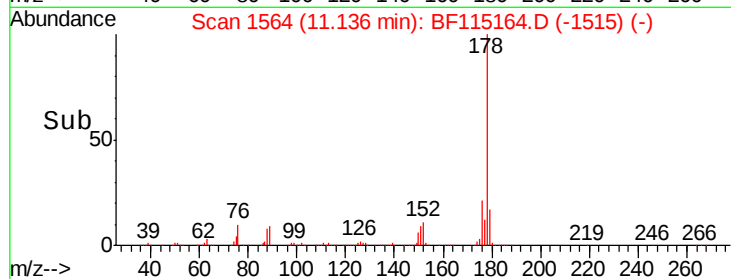
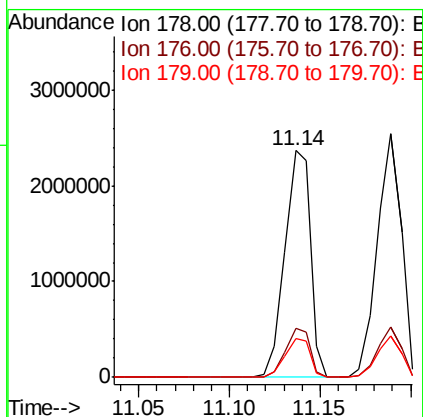
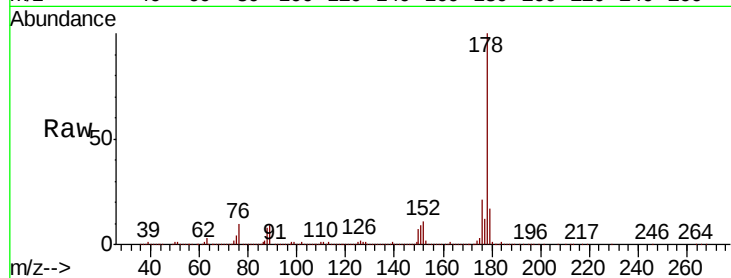




#71
Phenanthrene
Concen: 38.204 ng
RT: 11.14 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

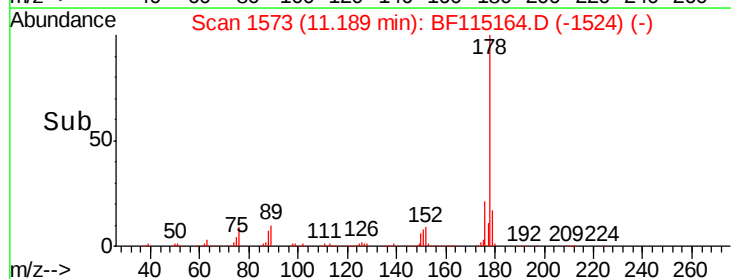
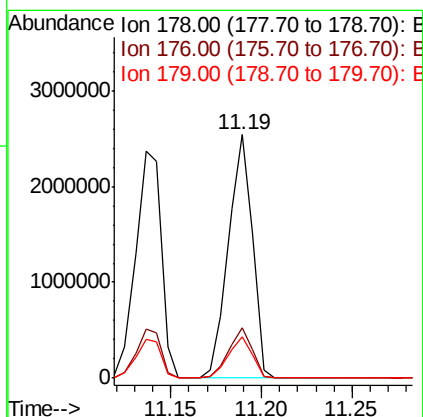
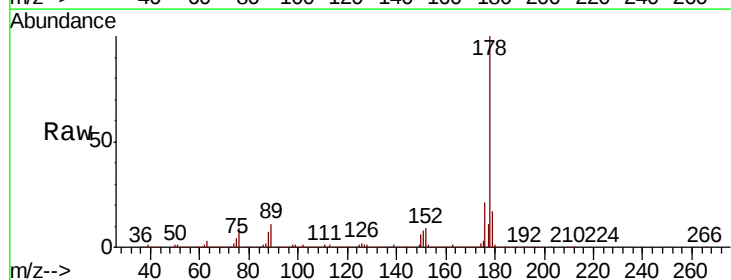
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

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



#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

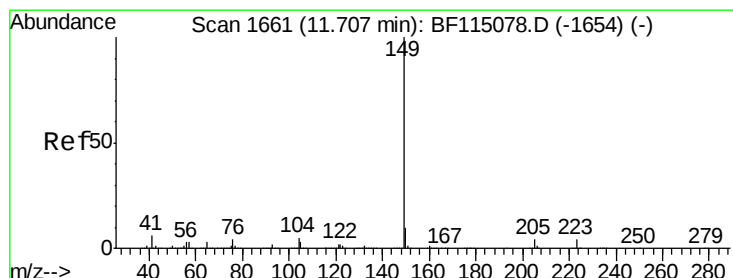
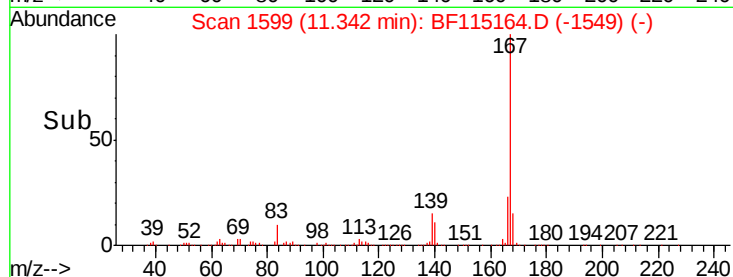
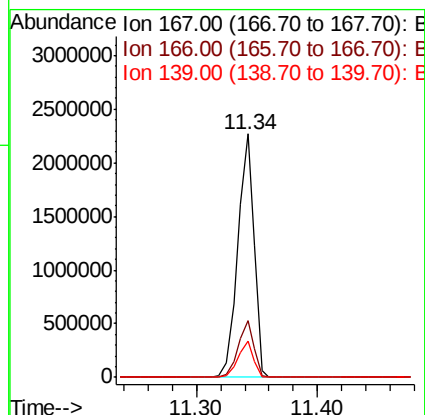
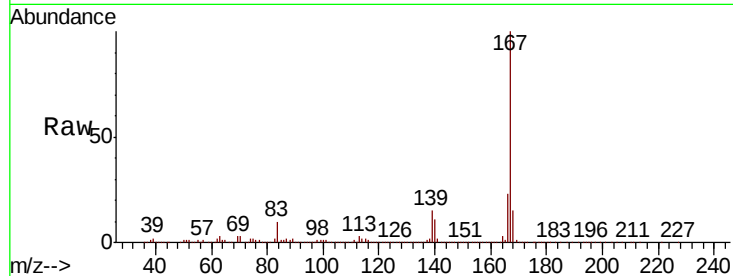




#73
 Carbazole
 Concen: 38.715 ng
 RT: 11.34 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF115164.D
 Acq: 24 Jun 2019 23:01

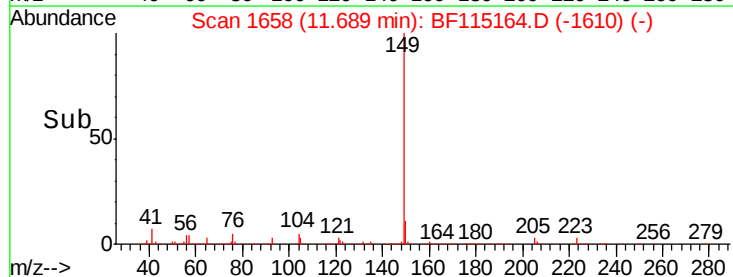
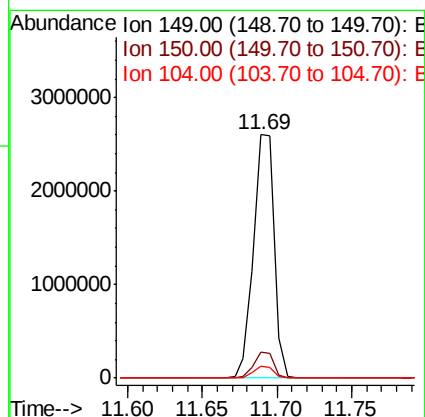
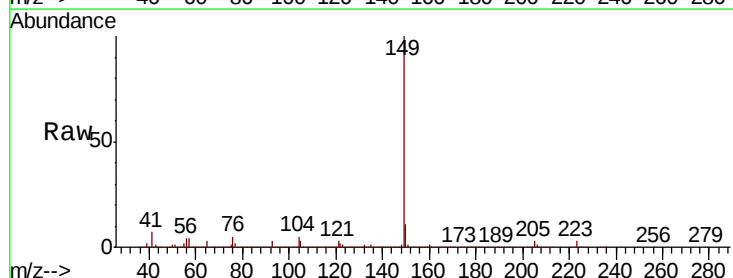
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

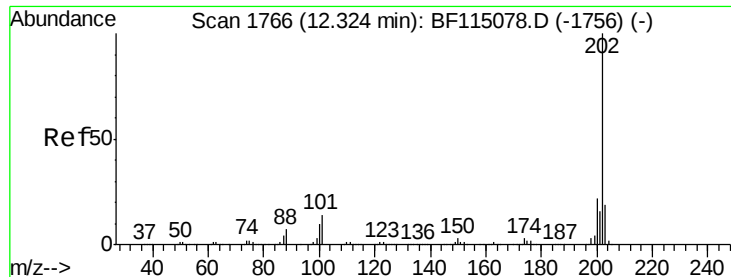
Tot Ion:167 Resp: 2134563
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.0 27.0
 139 14.8 11.1 16.7



#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

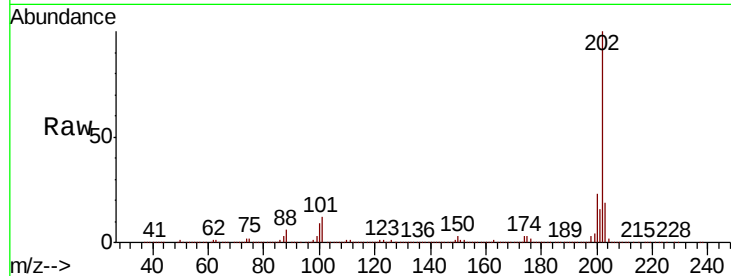
Tot Ion:202 Resp: 2473043

Ion Ratio Lower Upper

202 100

101 12.3 0.0 34.0

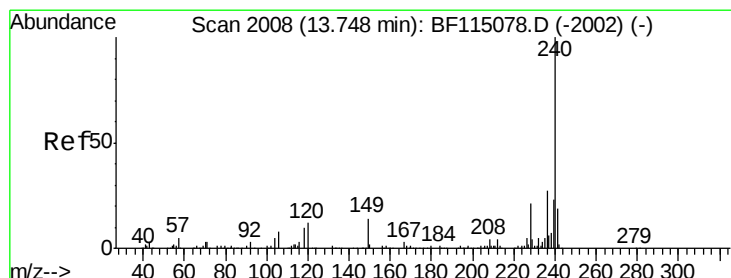
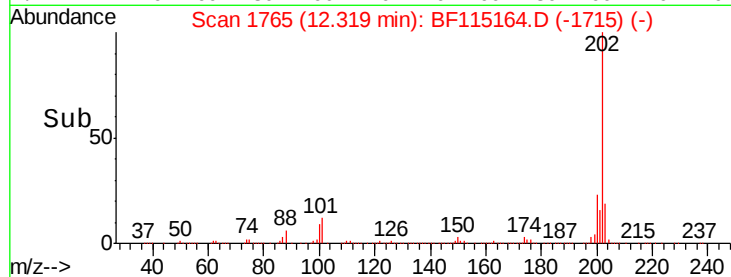
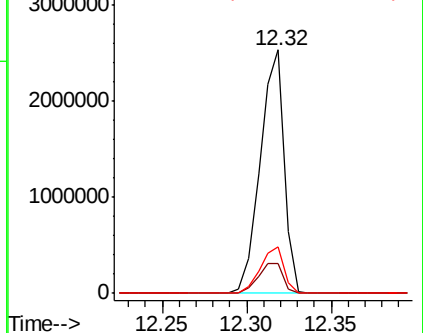
203 19.1 0.0 38.8



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

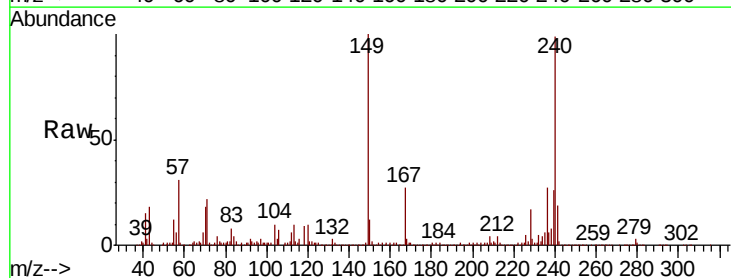
Tgt Ion:240 Resp: 710330

Ion Ratio Lower Upper

240 100

120 10.6 9.4 14.2

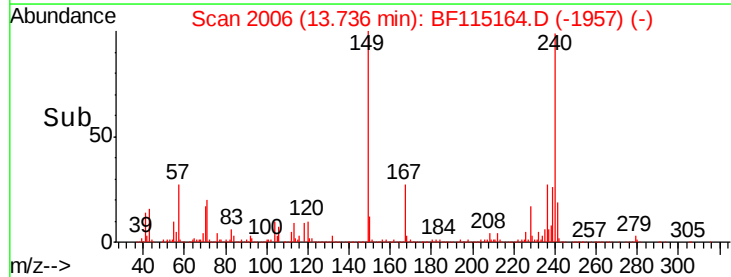
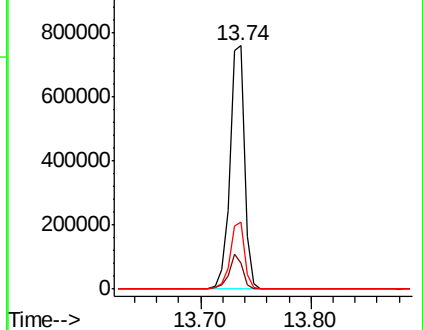
236 27.6 21.7 32.5

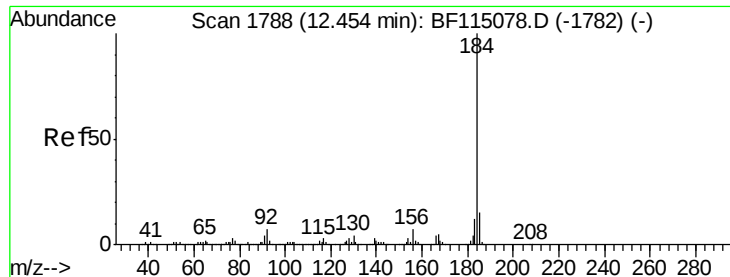


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

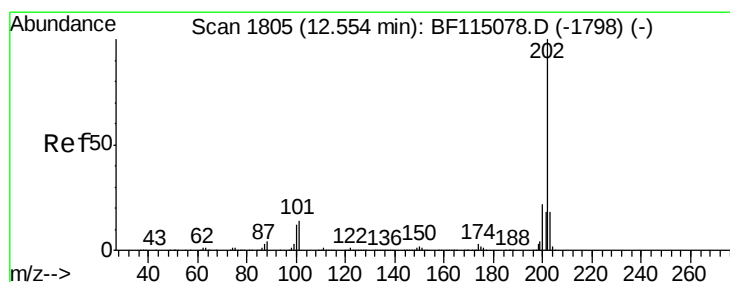
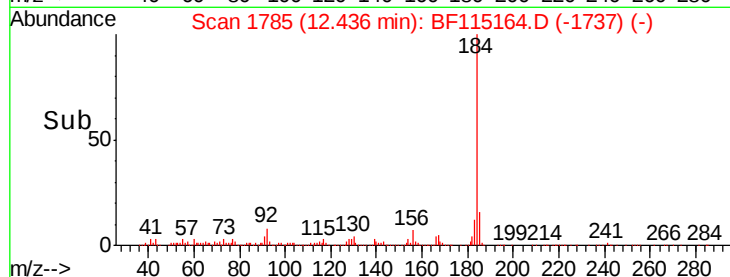
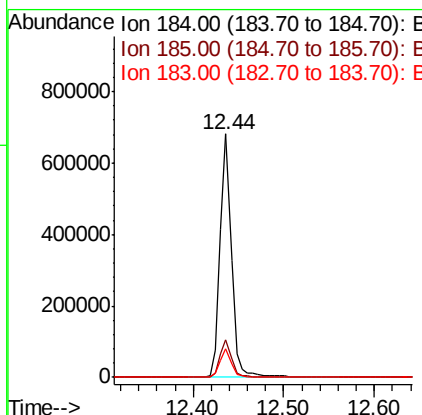
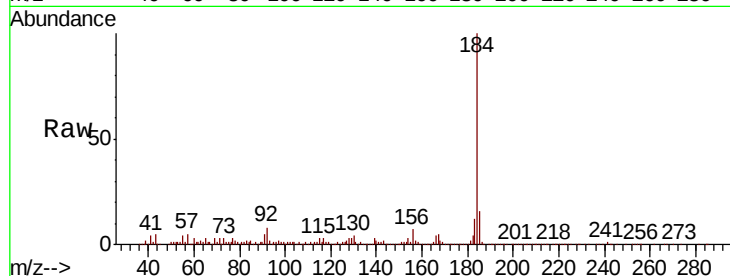




#77
Benzidine
Concen: 18.551 ng
RT: 12.44 min Scan# 1785
Delta R.T. -0.02 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

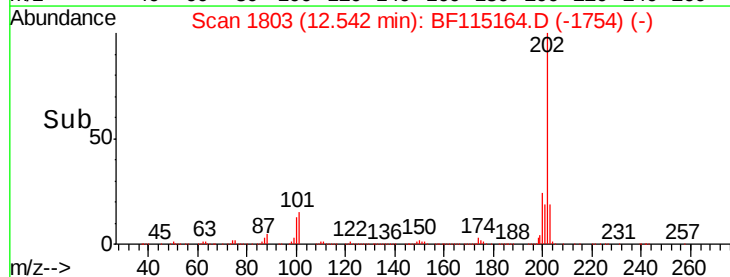
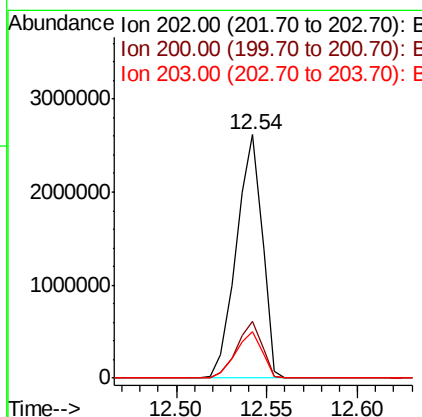
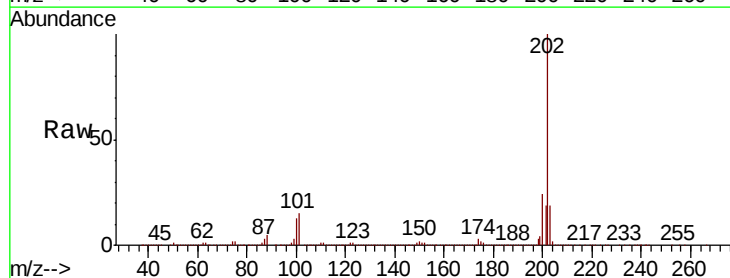
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

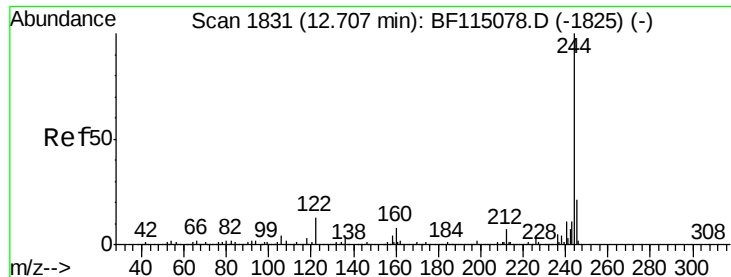
Tot Ion:184 Resp: 585135
Ion Ratio Lower Upper
184 100
185 15.7 12.2 18.2
183 11.7 9.6 14.4



#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





#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

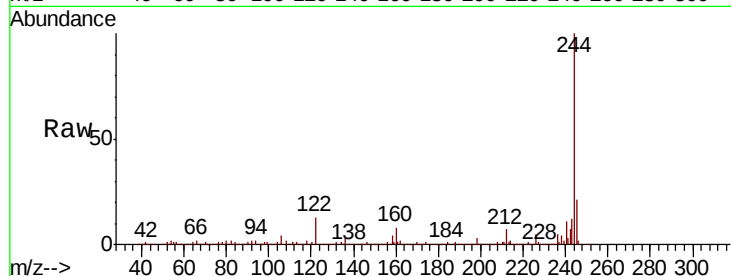
Tot Ion:244 Resp: 2415532

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

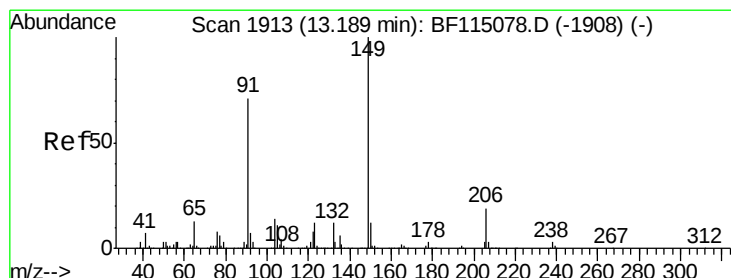
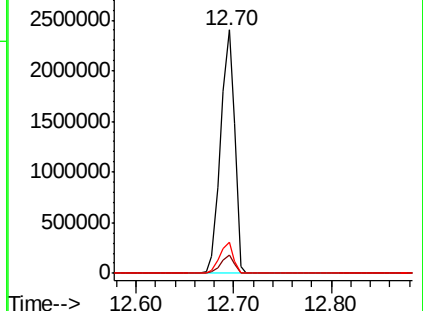
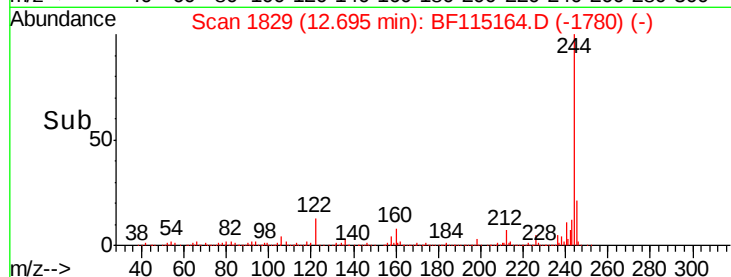
122 12.7 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.804 ng

RT: 13.18 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BF115164.D

Acq: 24 Jun 2019 23:01

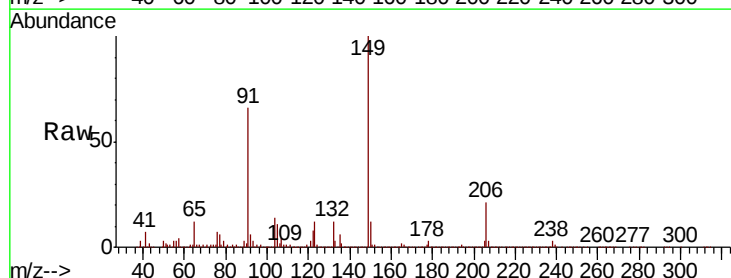
Tgt Ion:149 Resp: 1127557

Ion Ratio Lower Upper

149 100

91 66.4 56.5 84.7

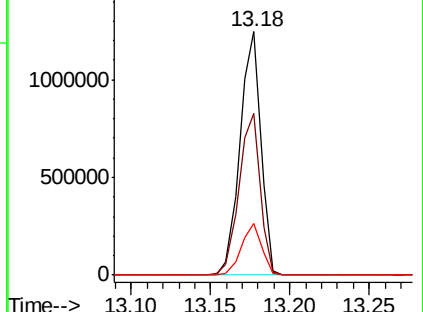
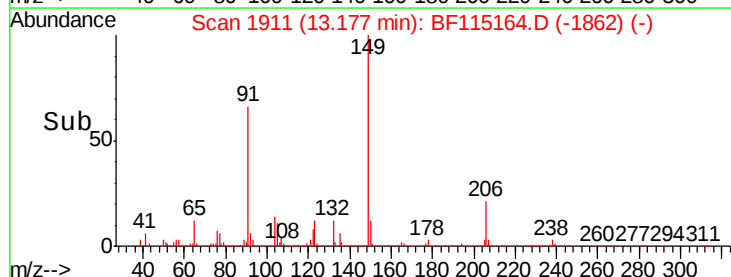
206 21.2 15.3 22.9

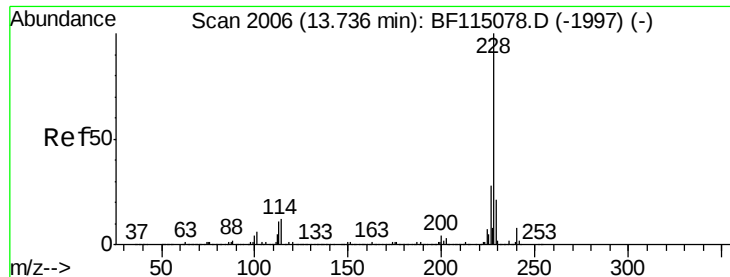


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

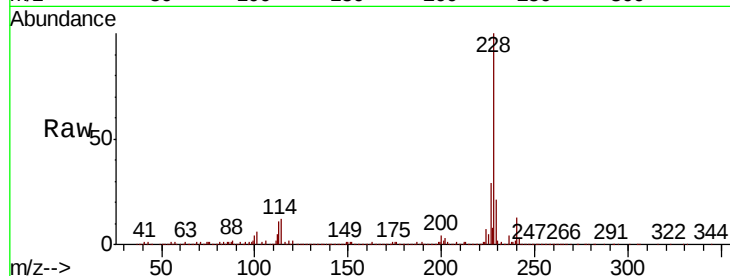




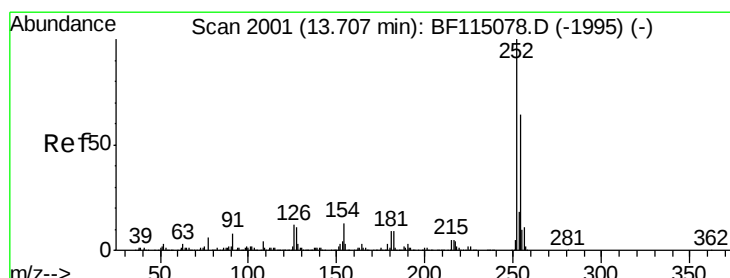
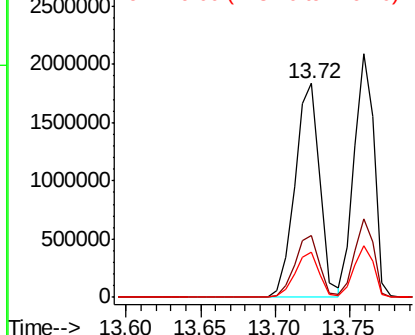
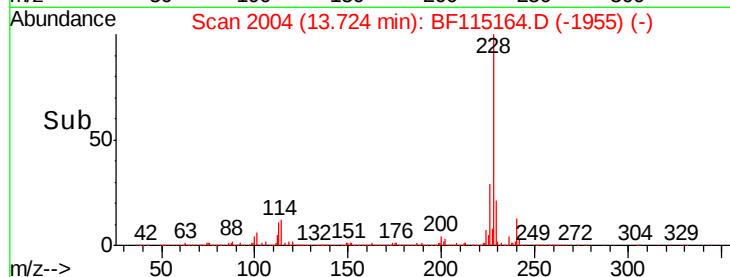
#81
Benzo(a)anthracene
Concen: 41.774 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

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

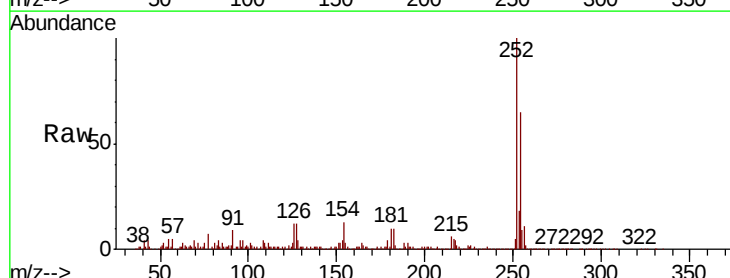


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

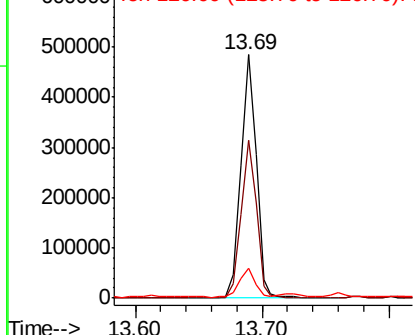
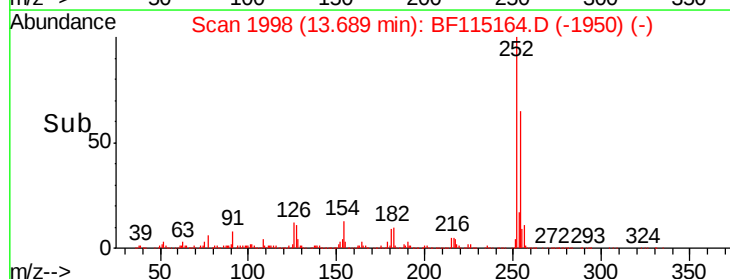


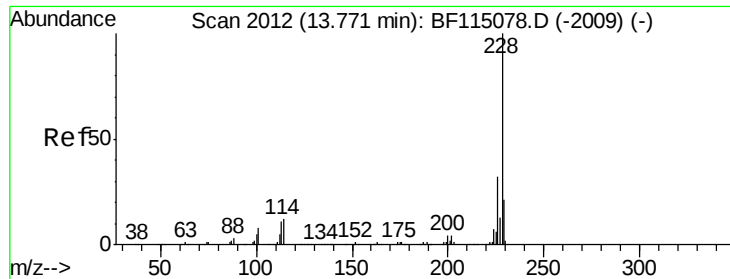
#82
3,3'-Dichlorobenzidine
Concen: 21.959 ng
RT: 13.69 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

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

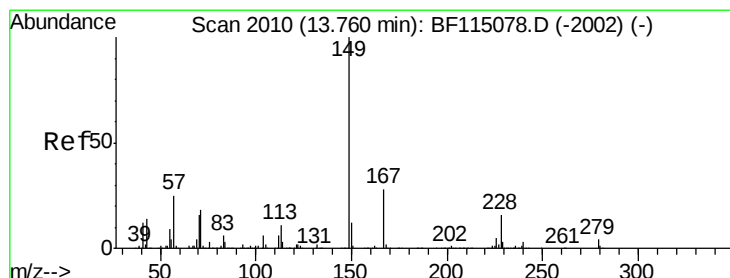
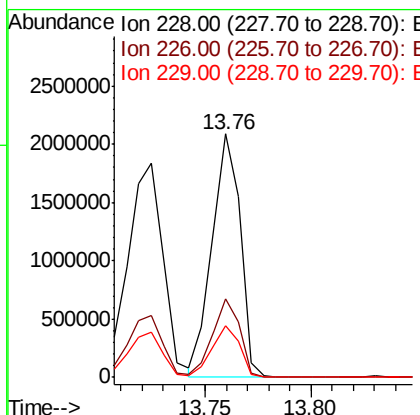
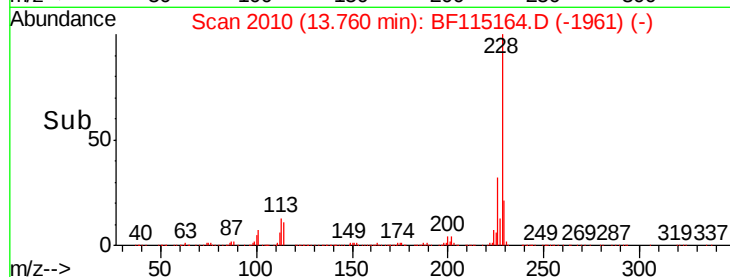
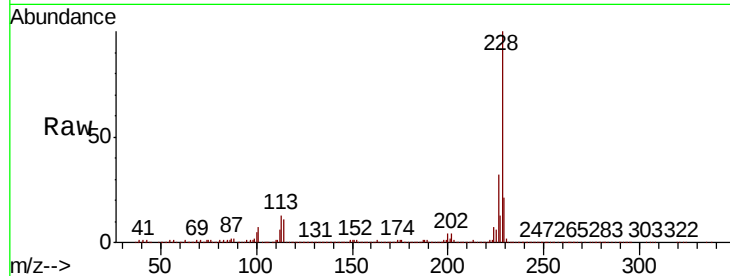




#83
Chrysene
Concen: 41.599 ng
RT: 13.76 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

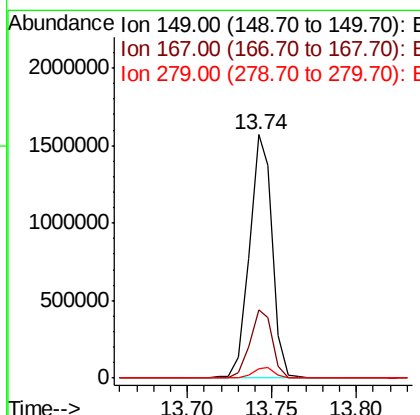
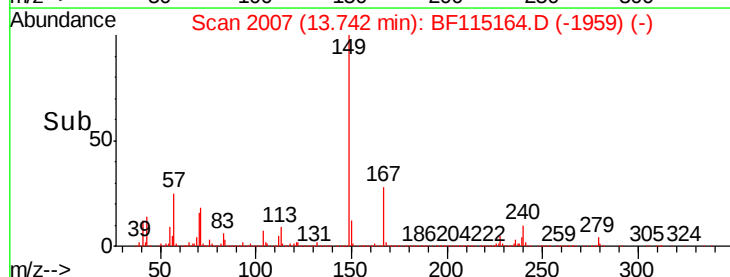
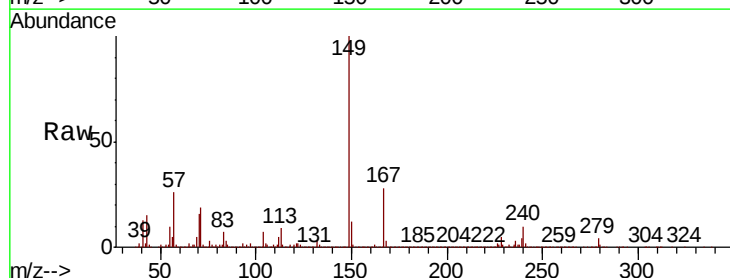
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

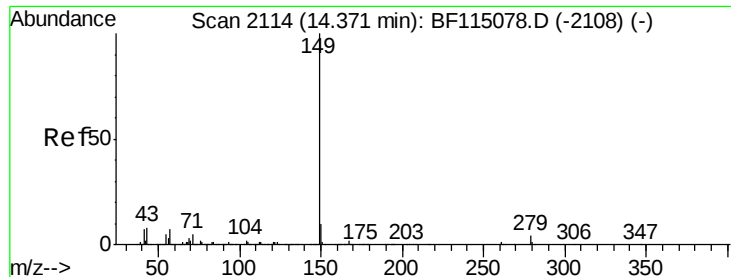
Tot Ion:228 Resp: 1942194
Ion Ratio Lower Upper
228 100
226 32.4 25.4 38.0
229 21.1 16.5 24.7



#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





#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

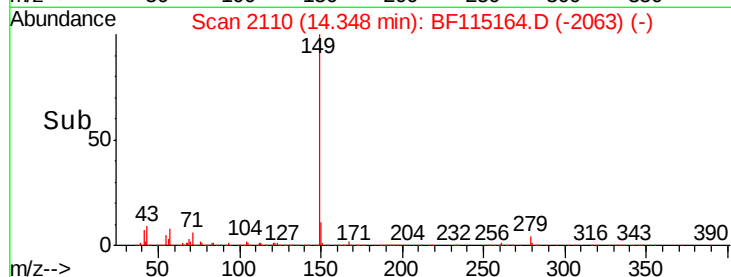
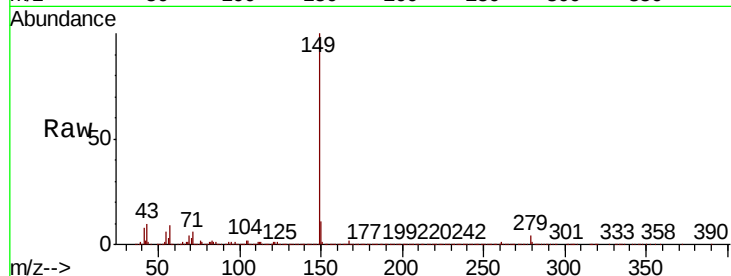
Tot Ion:149 Resp: 2344276

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

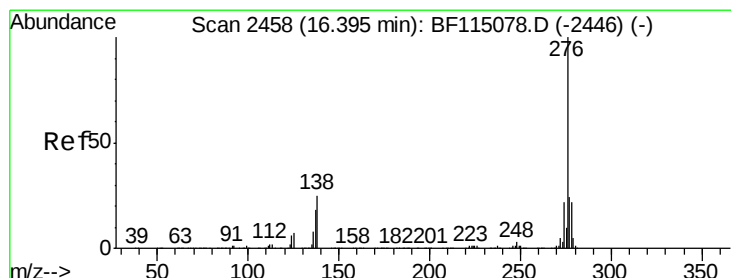
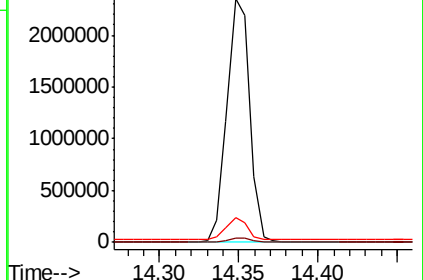
43 9.0 7.0 10.6



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

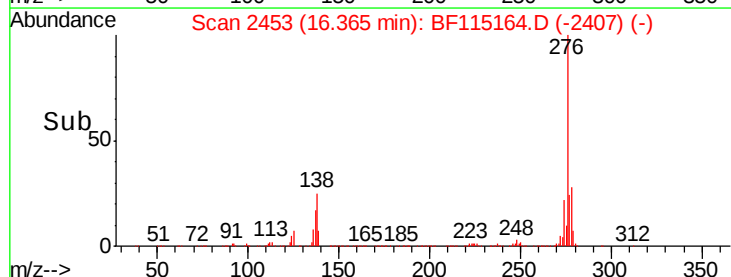
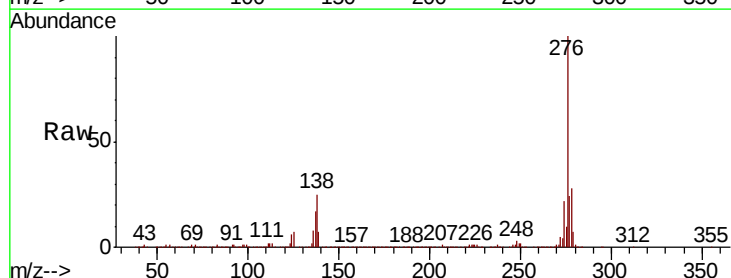
Tgt Ion:276 Resp: 2025939

Ion Ratio Lower Upper

276 100

138 27.9 23.2 34.8

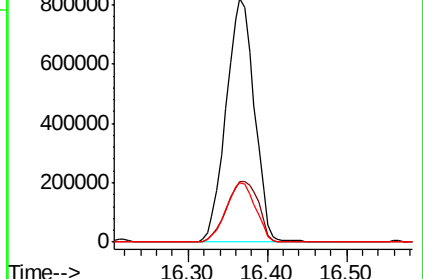
277 25.2 20.1 30.1

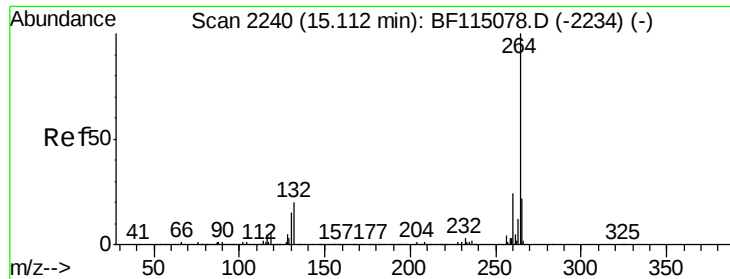


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



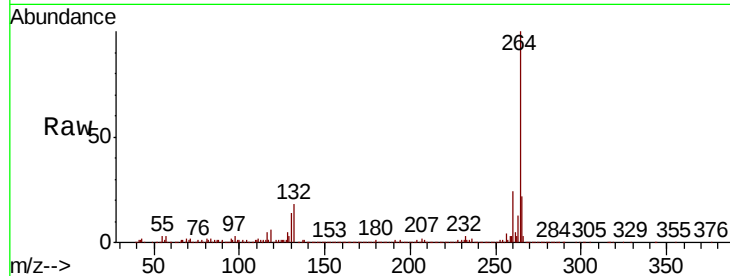


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

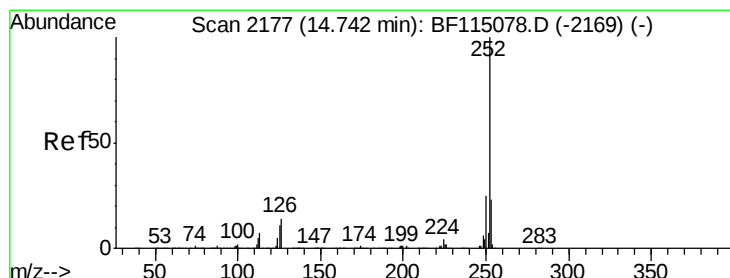
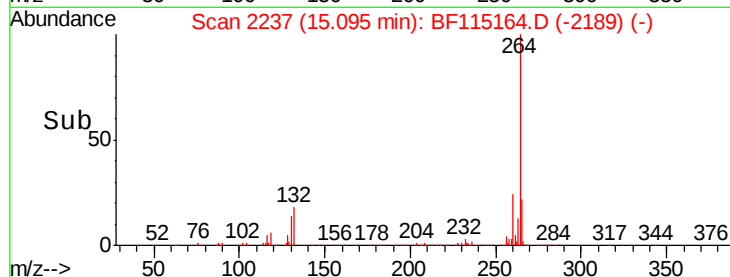
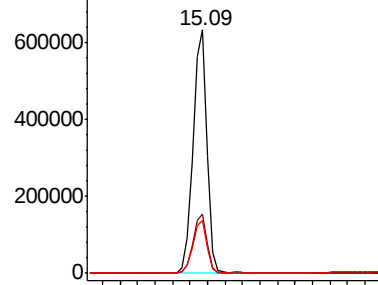
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

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



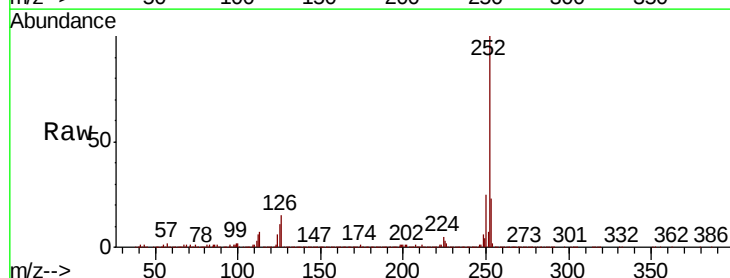
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



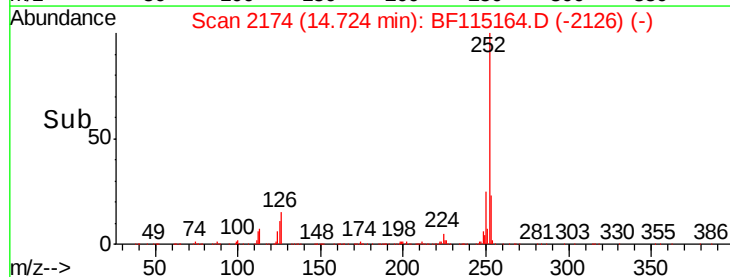
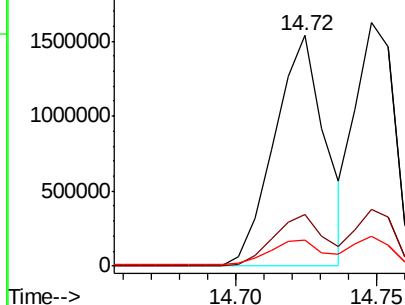
#88
Benzo(b)fluoranthene
Concen: 44.310 ng
RT: 14.72 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BF115164.D
Acq: 24 Jun 2019 23:01

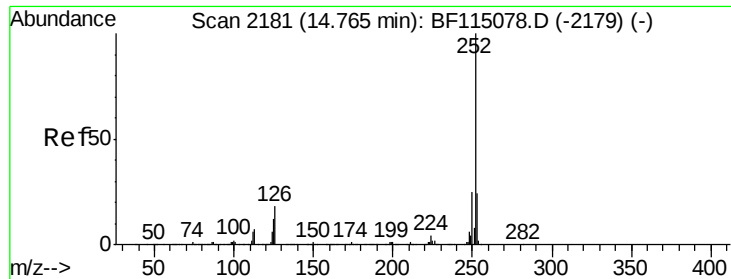
Tgt Ion:252 Resp: 1924685

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

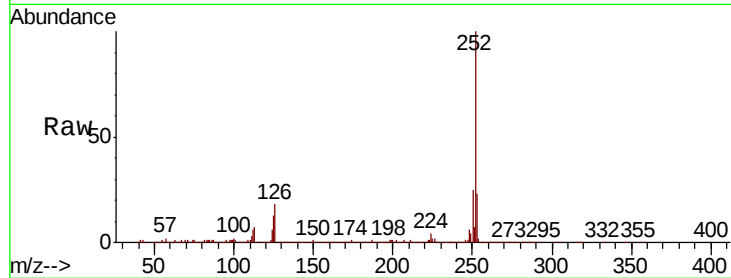
Tot Ion:252 Resp: 1564440

Ion Ratio Lower Upper

252 100

253 23.4 18.9 28.3

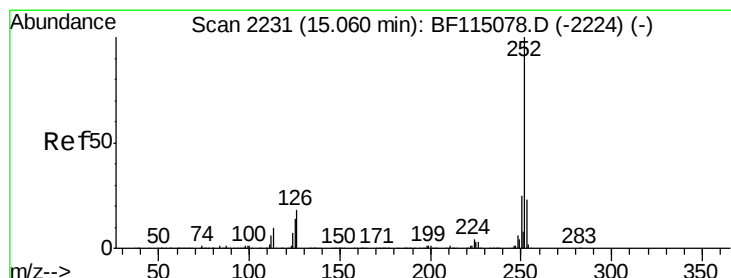
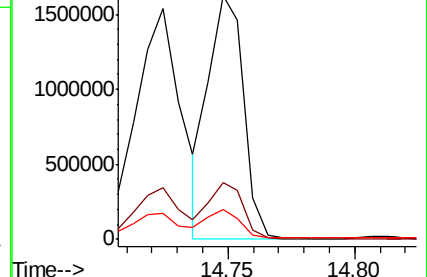
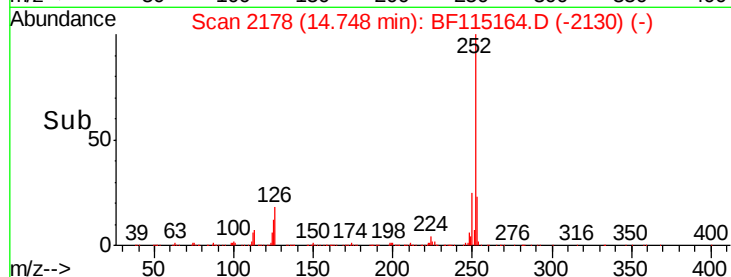
125 12.5 10.2 15.2



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



#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

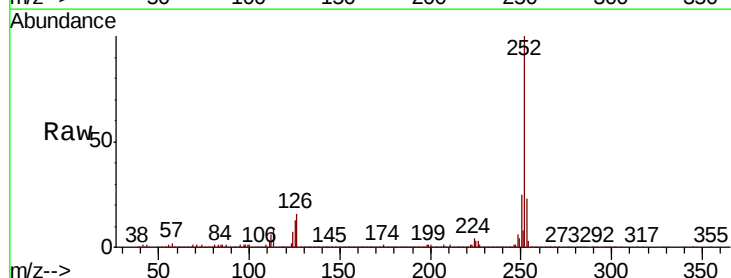
Tgt Ion:252 Resp: 1695640

Ion Ratio Lower Upper

252 100

253 22.6 18.3 27.5

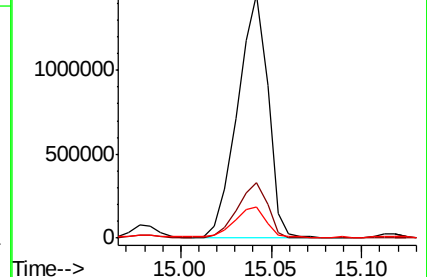
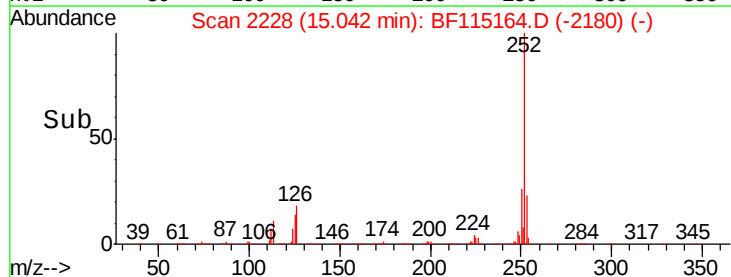
125 12.9 10.9 16.3

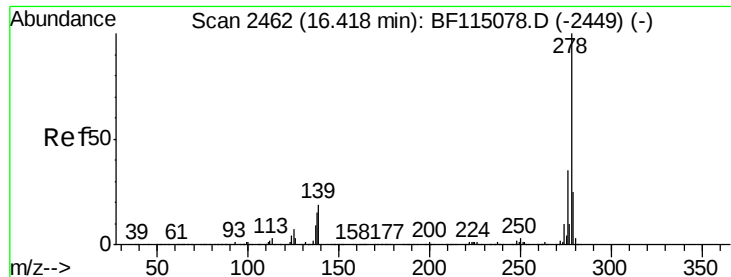


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#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

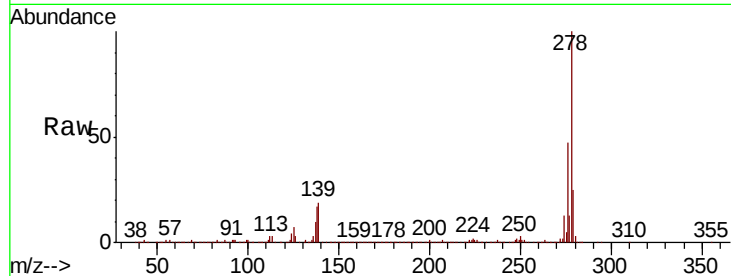
Tot Ion:278 Resp: 1605099

Ion Ratio Lower Upper

278 100

139 18.8 15.4 23.2

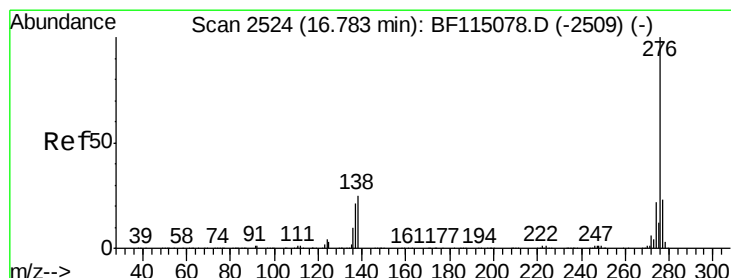
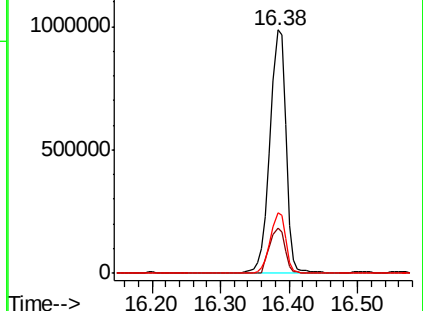
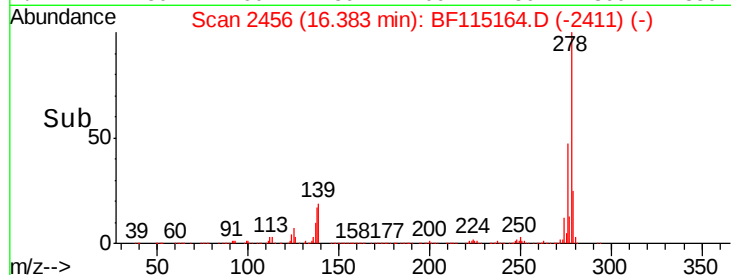
279 24.7 19.9 29.9



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

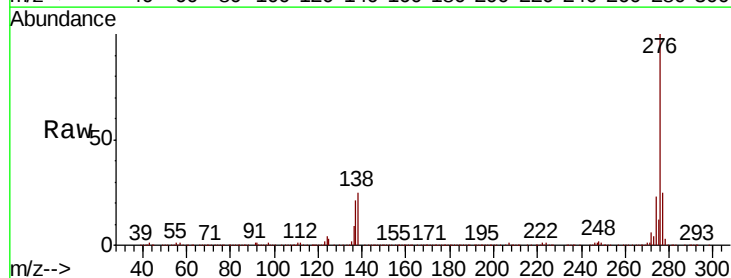
Tgt Ion:276 Resp: 1755093

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

