

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094760.D
 Acq On : 1 May 2017 20:27
 Operator : SJ/MA
 Sample : I2897-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWS-1MS

Quant Time: May 02 04:09:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	116892	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	448622	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	181264	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	295609	20.00	ng	0.00
75) Chrysene-d12	14.47	240	207817	20.00	ng	0.00
86) Perylene-d12	16.09	264	173966	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.34	112	806368	114.45	ng	0.04
7) Phenol-d6	5.41	99	916581	110.35	ng	0.02
23) Nitrobenzene-d5	6.42	82	627988	86.44	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	189504	133.66	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1140041	92.54	ng	0.00
78) Terphenyl-d14	13.19	244	732018	94.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	102239	24.95	ng	# 83
3) Pyridine	2.78	79	208356m	23.27	ng	
4) n-Nitrosodimethylamine	2.67	42	124705	33.65	ng	85
6) Aniline	5.41	93	186221	16.87	ng	# 75
8) 2-Chlorophenol	5.55	128	326483	40.72	ng	95
9) Benzaldehyde	5.27	77	46934	7.43	ng	99
10) Phenol	5.42	94	368068	36.07	ng	90
11) bis(2-Chloroethyl)ether	5.48	93	315400	42.31	ng	96
12) 1,3-Dichlorobenzene	5.70	146	355244	39.99	ng	99
13) 1,4-Dichlorobenzene	5.79	146	359997	40.28	ng	97
14) 1,2-Dichlorobenzene	5.96	146	309751	37.63	ng	97
15) Benzyl Alcohol	5.96	79	241607	39.21	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.10	45	390835	39.99	ng	# 34
17) 2-Methylphenol	6.10	107	253825	40.20	ng	# 89
18) Hexachloroethane	6.34	117	119472	39.00	ng	# 82
19) n-Nitroso-di-n-propylamine	6.26	70	235689	42.82	ng	96
20) 3+4-Methylphenols	6.28	107	428383	49.93	ng	# 58
22) Acetophenone	6.24	105	469411	43.03	ng	# 86
24) Nitrobenzene	6.44	77	326497	42.67	ng	93
25) Isophorone	6.73	82	592281	43.98	ng	96
26) 2-Nitrophenol	6.81	139	181058	44.05	ng	97
27) 2,4-Dimethylphenol	6.90	122	272372	40.79	ng	97
28) bis(2-Chloroethoxy)methane	6.99	93	375484	43.10	ng	99
29) 2,4-Dichlorophenol	7.12	162	274067	44.13	ng	98
30) 1,2,4-Trichlorobenzene	7.20	180	265227	41.30	ng	98
31) Naphthalene	7.28	128	943695	43.76	ng	100
32) Benzoic acid	7.22	122	606317	171.73	ng	92
33) 4-Chloroaniline	7.38	127	75031	8.36	ng	94
34) Hexachlorobutadiene	7.44	225	141848	44.31	ng	99
35) Caprolactam	7.91	113	66375	34.02	ng	89
36) 4-Chloro-3-methylphenol	8.00	107	279884	43.00	ng	91
37) 2-Methylnaphthalene	8.12	142	641882	43.50	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.33	216	246668	47.79	ng	99
40) Hexachlorocyclopentadiene	8.31	237	103946	49.78	ng	98

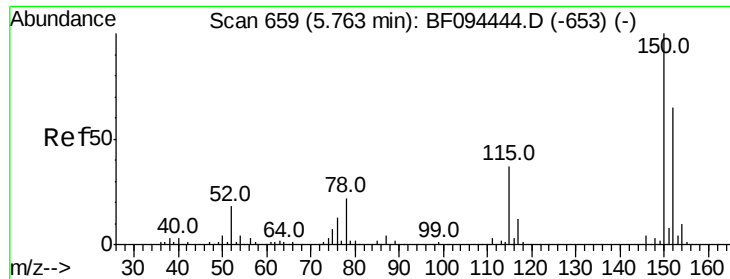
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	178567	49.26	nq	97
43) 2,4,5-Trichlorophenol	8.55	196	180234	48.42	nq	93
45) 1,1'-Biphenyl	8.70	154	723555	48.86	nq	99
46) 2-Chloronaphthalene	8.72	162	565119	47.99	nq	95
47) 2-Nitroaniline	8.87	65	151583	44.75	nq	# 78
48) Acenaphthylene	9.22	152	869152	47.35	nq	99
49) Dimethylphthalate	9.10	163	706982	52.34	nq	99
50) 2,6-Dinitrotoluene	9.17	165	145214	47.89	nq	# 89
51) Acenaphthene	9.44	154	508354	46.23	nq	99
52) 3-Nitroaniline	9.38	138	54812	15.62	nq	83
53) 2,4-Dinitrophenol	9.52	184	85320	53.88	nq	# 64
54) Dibenzofuran	9.65	168	728842	45.61	nq	# 86
55) 4-Nitrophenol	9.64	139	40157m	16.20	nq	
56) 2,4-Dinitrotoluene	9.67	165	181390	48.76	nq	# 88
57) Fluorene	10.07	166	530181	42.60	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.82	232	133705	50.11	nq	94
59) Diethylphthalate	9.96	149	624352	48.98	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	237048	45.77	nq	90
61) 4-Nitroaniline	10.13	138	117322	32.90	nq	95
62) Azobenzene	10.27	77	546790	44.18	nq	95
64) 4,6-Dinitro-2-methylphenol	10.17	198	59725	30.84	nq	# 64
65) n-Nitrosodiphenylamine	10.23	169	487593	47.43	nq	98
66) 4-Bromophenyl-phenylether	10.67	248	149361	50.88	nq	98
67) Hexachlorobenzene	10.75	284	142752	48.26	nq	# 88
68) Atrazine	10.91	200	132933	43.22	nq	96
69) Pentachlorophenol	11.01	266	137329	116.92	nq	99
70) Phenanthrene	11.25	178	741762	44.56	nq	99
71) Anthracene	11.31	178	777374	45.15	nq	98
72) Carbazole	11.52	167	658530	40.75	nq	99
73) Di-n-butylphthalate	11.97	149	949761	53.37	nq	99
74) Fluoranthene	12.71	202	680565	39.45	nq	99
76) Benzidine	12.90	184	27858	3.31	nq	# 92
77) Pyrene	12.98	202	641064	44.15	nq	99
79) Butylbenzylphthalate	13.80	149	337588	53.05	nq	# 86
80) Benzo(a)anthracene	14.45	228	546299	45.23	nq	99
81) 3,3'-Dichlorobenzidine	14.44	252	135359	31.66	nq	# 96
82) Chrysene	14.50	228	506716	45.90	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	474677	55.56	nq	# 98
84) Di-n-octyl phthalate	15.27	149	783110	54.65	nq	96
85) Indeno(1,2,3-cd)pyrene	17.38	276	462068	43.99	nq	100
87) Benzo(b)fluoranthene	15.69	252	504423	47.40	nq	98
88) Benzo(k)fluoranthene	15.72	252	513321m	50.97	nq	
89) Benzo(a)pyrene	16.04	252	445543	45.00	nq	100
90) Dibenzo(a,h)anthracene	17.39	278	387525	47.14	nq	98
91) Benzo(g,h,i)perylene	17.75	276	379284	45.32	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.77 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Instrument :

BNA_F

ClientSampled :

OWS-1MS

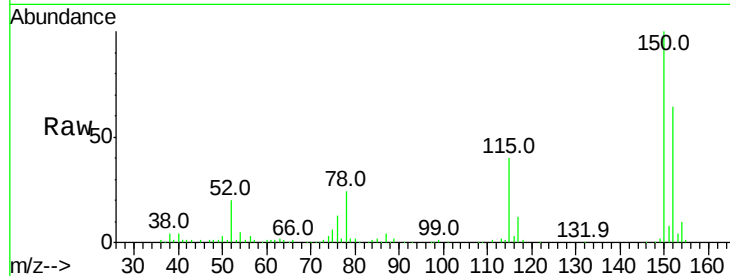
Tot Ion:152 Resp: 116892

Ion Ratio Lower Upper

152 100

150 155.8 126.2 189.2

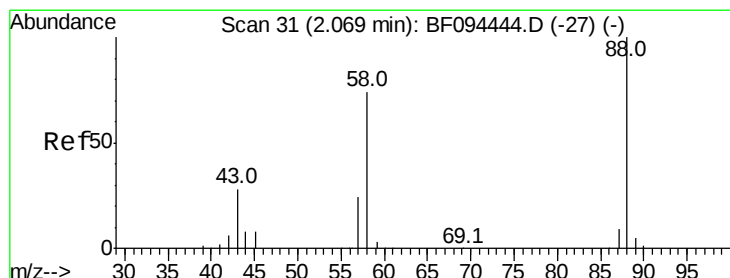
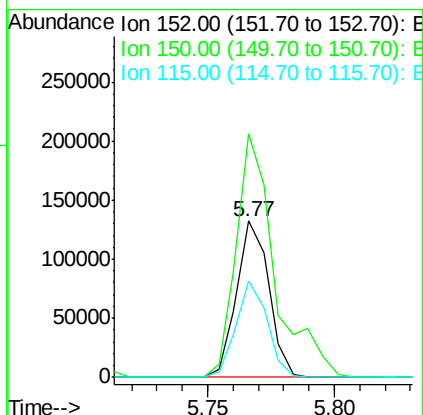
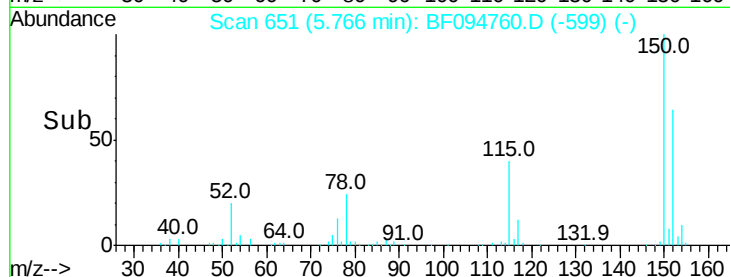
115 61.9 52.2 78.2



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: 24.95 ng

RT: 2.25 min Scan# 54

Delta R.T. 0.19 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

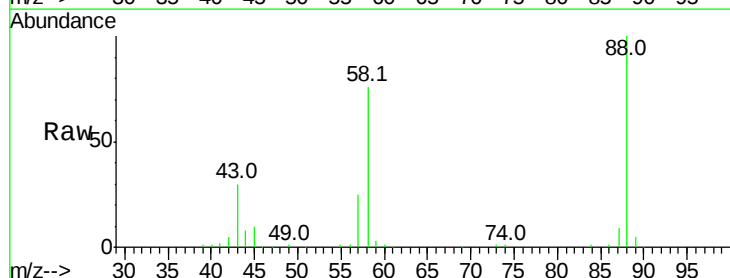
Tgt Ion: 88 Resp: 102239

Ion Ratio Lower Upper

88 100

58 73.9 61.4 92.0

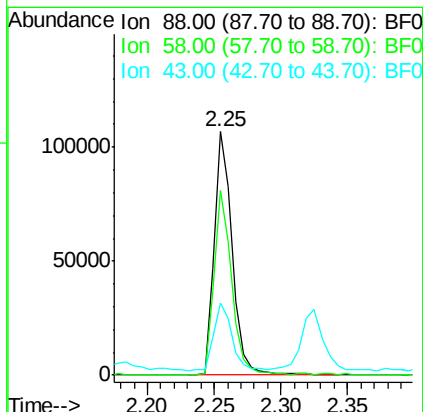
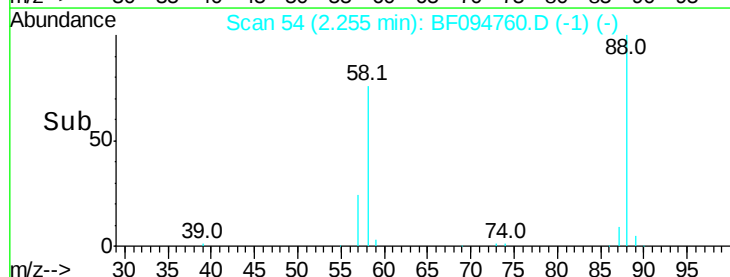
43 0.0 23.4 35.0#

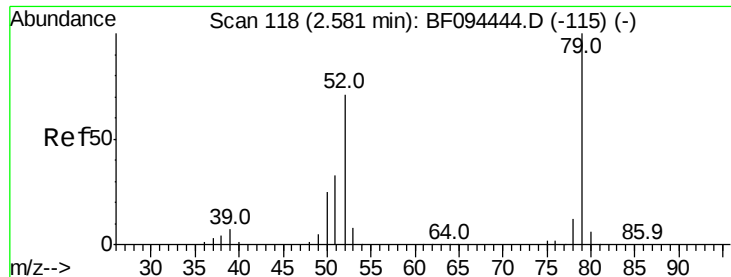


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 23.27 ng/ml

RT: 2.78 min Scan# 143

Delta R.T. 0.20 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Instrument :

BNA_F

ClientSampleId :

OVS-1MS

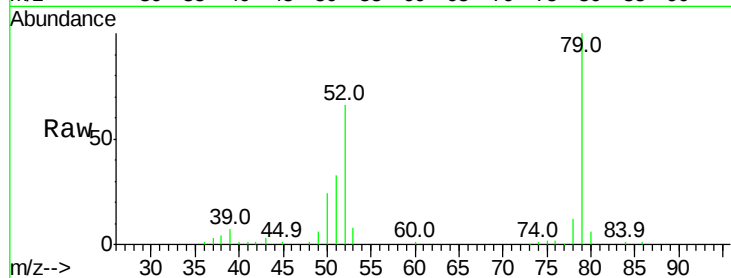
Tot Ion: 79 Resp: 208356

Ion Ratio Lower Upper

79 100

52 65.9 54.8 82.2

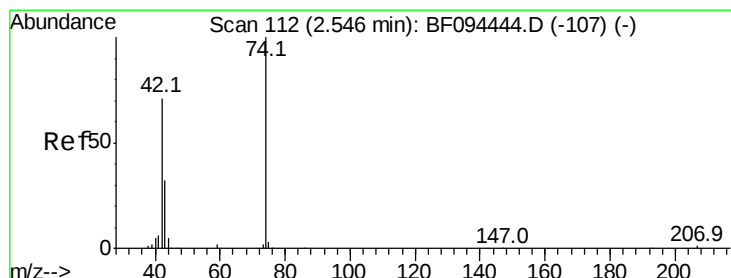
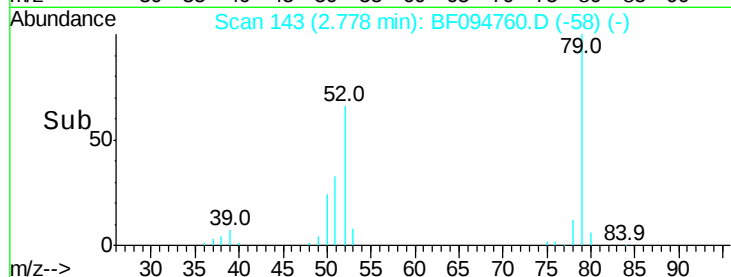
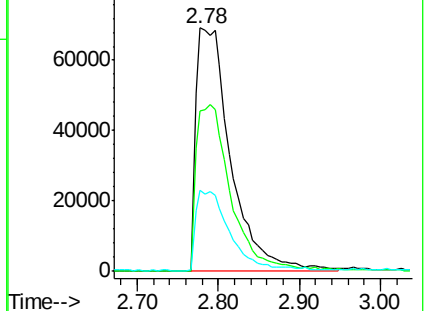
51 33.4 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 33.65 ng/ml

RT: 2.67 min Scan# 124

Delta R.T. 0.12 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

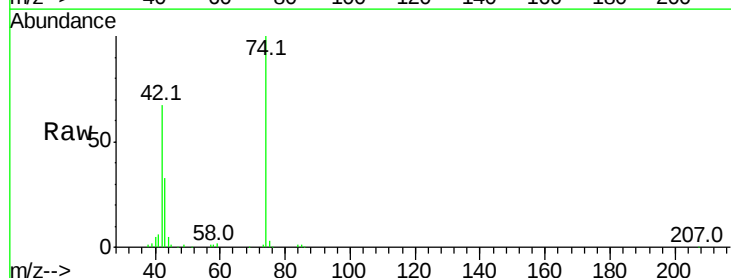
Tgt Ion: 42 Resp: 124705

Ion Ratio Lower Upper

42 100

74 148.8 103.9 155.9

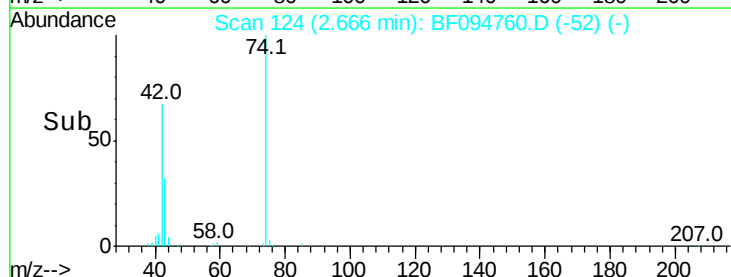
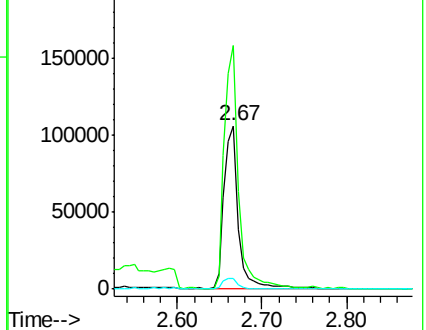
44 6.9 5.7 8.5

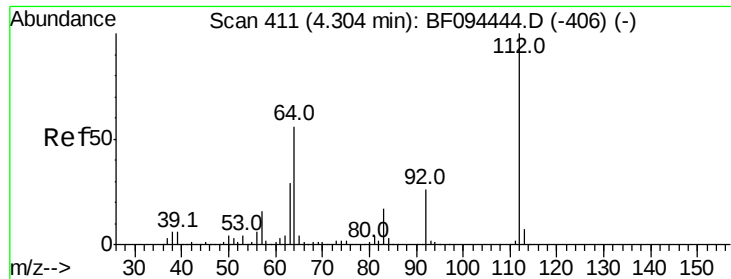


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 114.45 ng

RT: 4.34 min Scan# 409

Delta R.T. 0.04 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Instrument :

BNA_F

ClientSampled :

OWS-1MS

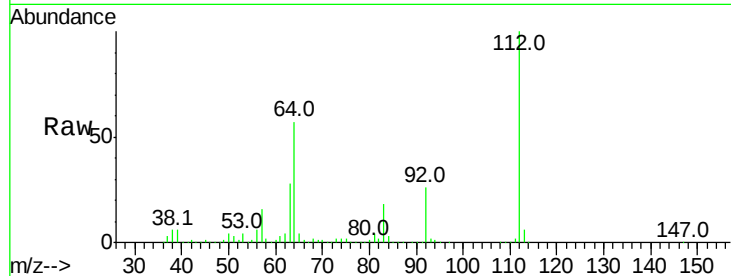
Tot Ion:112 Resp: 806368

Ion Ratio Lower Upper

112 100

64 57.0 46.0 69.0

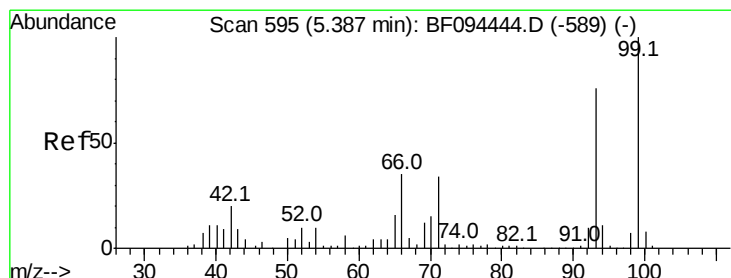
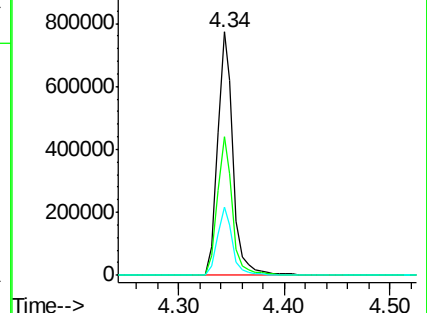
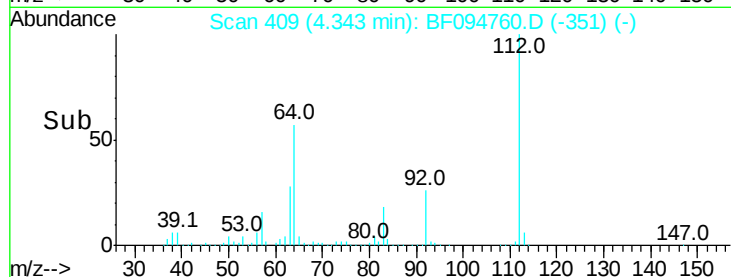
63 27.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.87 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.02 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

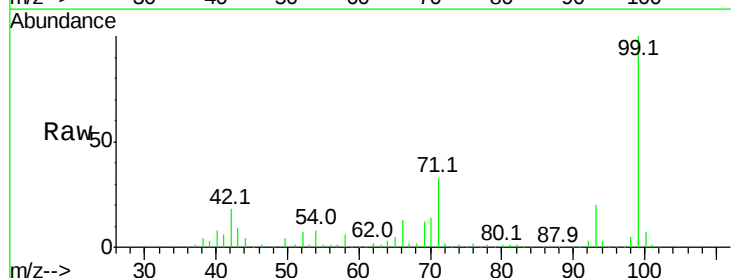
Tgt Ion: 93 Resp: 186221

Ion Ratio Lower Upper

93 100

66 62.2 32.9 49.3#

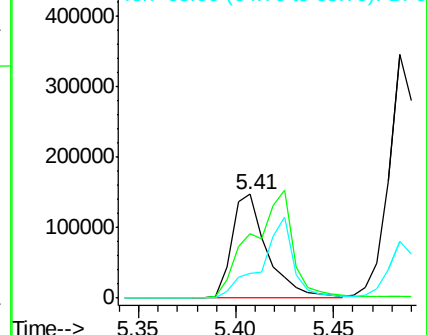
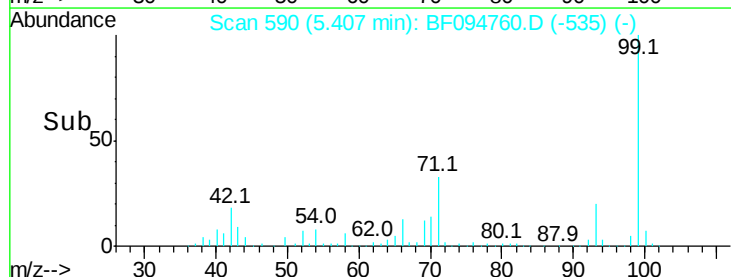
65 23.8 16.0 24.0

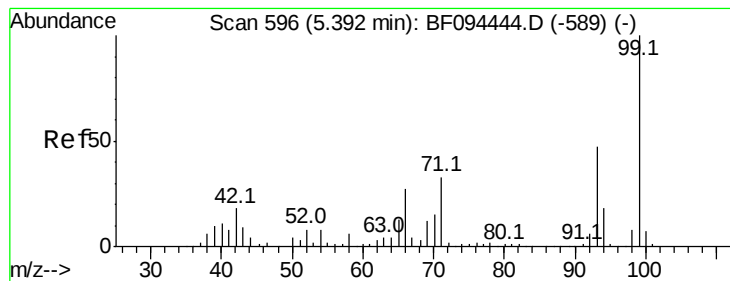


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 110.35 ng

RT: 5.41 min Scan# 591

Delta R.T. 0.02 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Instrument :

BNA_F

ClientSampleId :

OWS-1MS

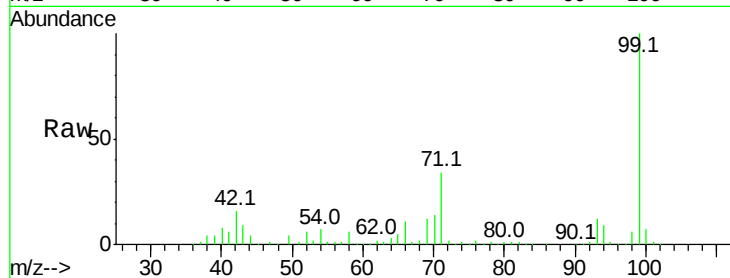
Tot Ion: 99 Resp: 916581

Ion Ratio Lower Upper

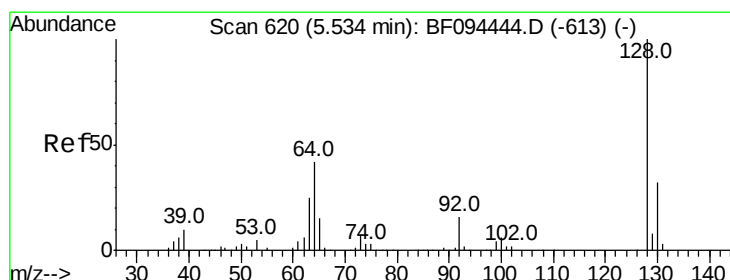
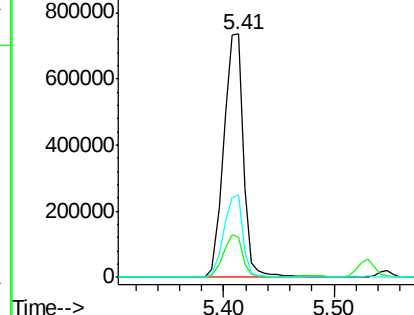
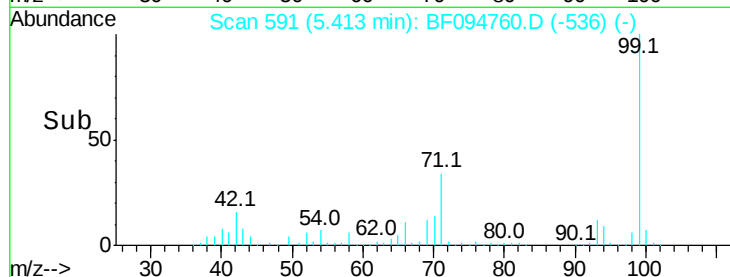
99 100

42 16.3 13.5 20.3

71 33.6 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.72 ng

RT: 5.55 min Scan# 614

Delta R.T. 0.01 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

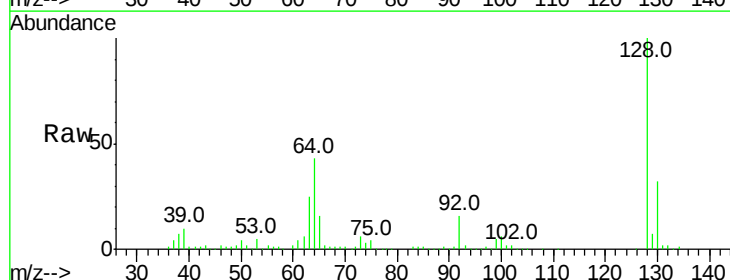
Tgt Ion:128 Resp: 326483

Ion Ratio Lower Upper

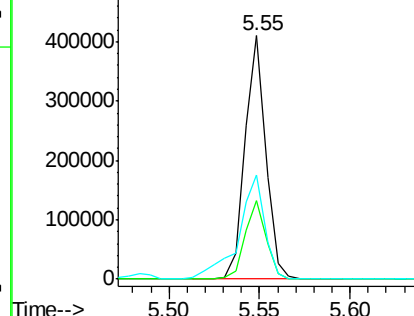
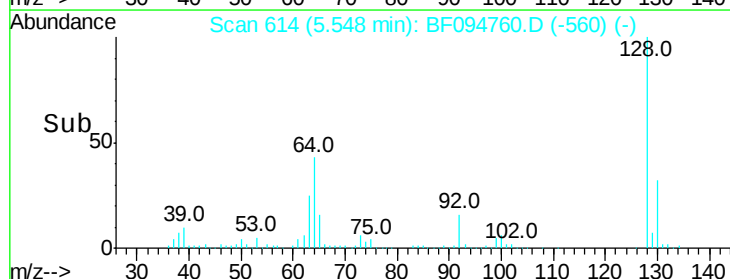
128 100

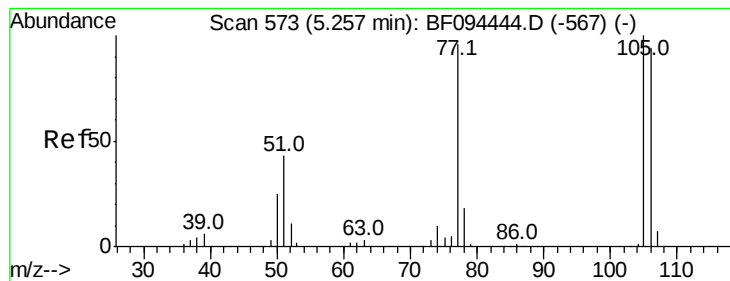
130 32.2 12.9 52.9

64 42.7 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.43 ng

RT: 5.27 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Instrument :

BNA_F

ClientSampleId :

OVS-1MS

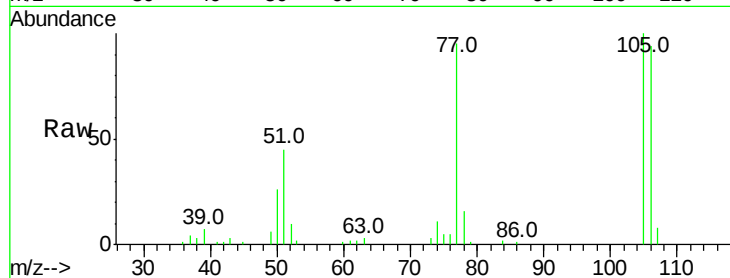
Tot Ion: 77 Resp: 46934

Ion Ratio Lower Upper

77 100

105 104.9 83.8 123.8

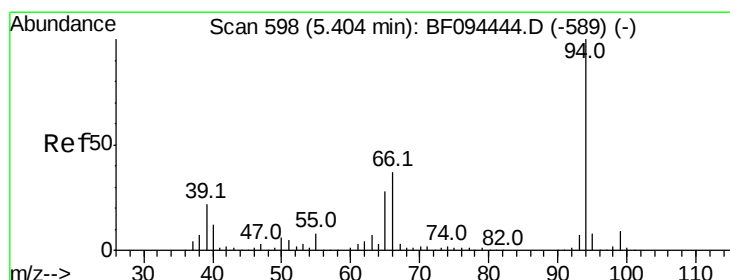
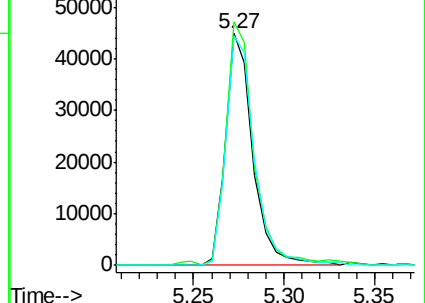
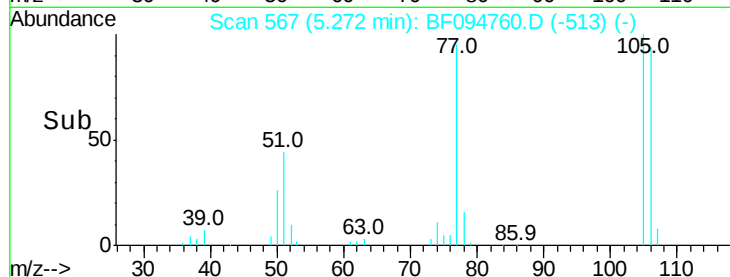
106 98.7 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.07 ng

RT: 5.42 min Scan# 593

Delta R.T. 0.02 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

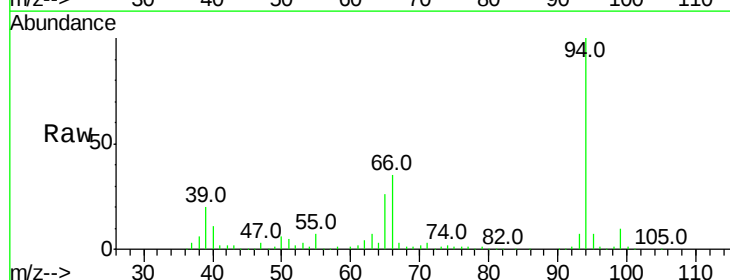
Tgt Ion: 94 Resp: 368068

Ion Ratio Lower Upper

94 100

65 26.3 9.9 49.9

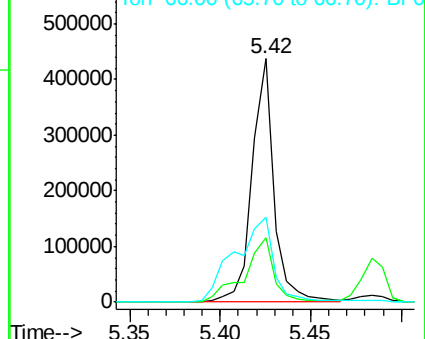
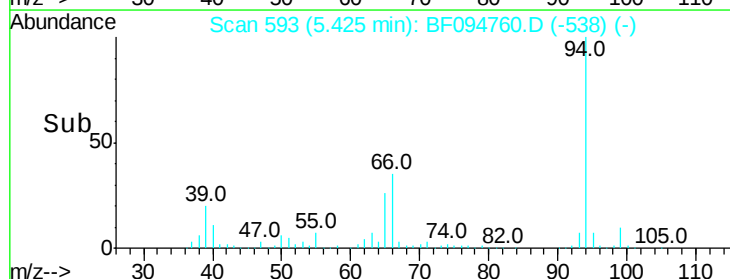
66 34.8 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.31 ng

RT: 5.48 min Scan# 603

Delta R.T. 0.01 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Instrument :

BNA_F

ClientSampleId :

OVS-1MS

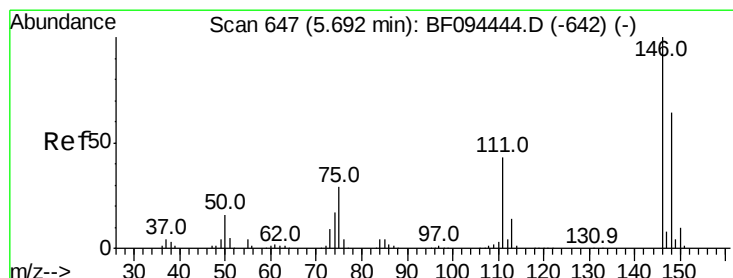
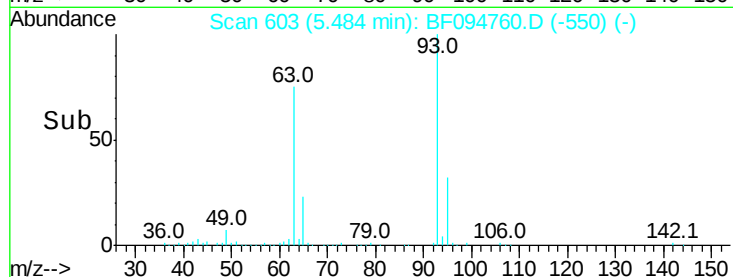
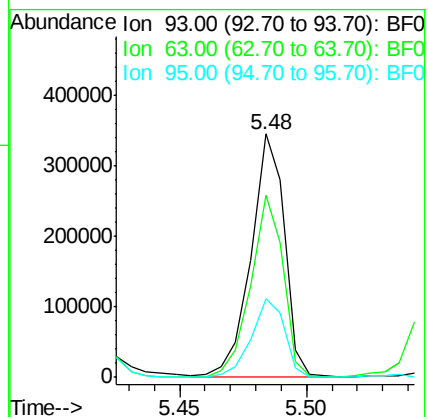
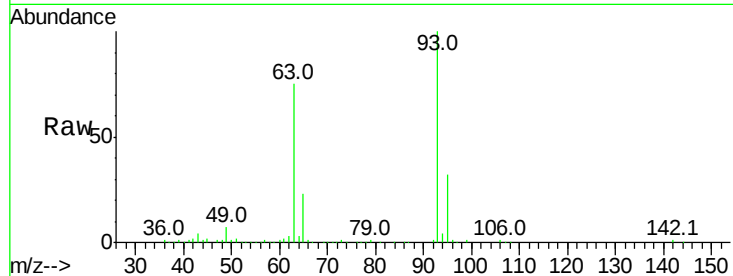
Tot Ion: 93 Resp: 315400

Ion Ratio Lower Upper

93 100

63 75.1 59.2 99.2

95 32.1 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 39.99 ng

RT: 5.70 min Scan# 640

Delta R.T. 0.01 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

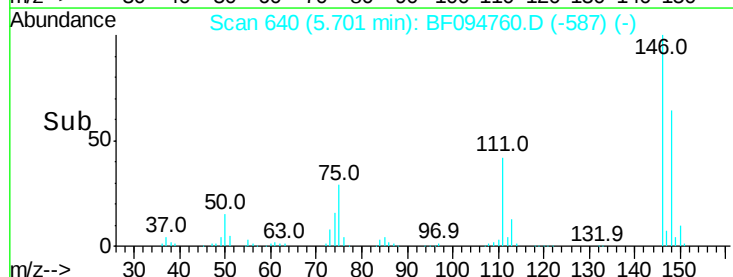
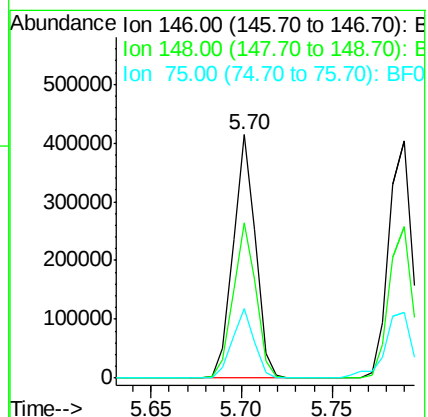
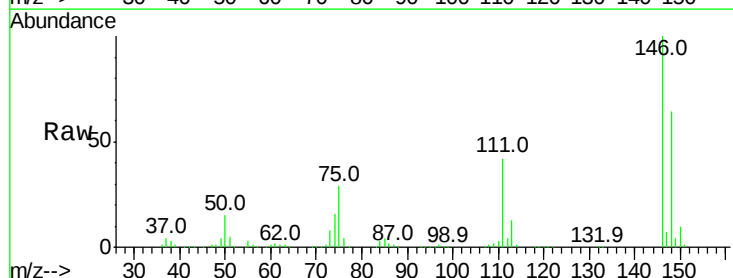
Tgt Ion: 146 Resp: 355244

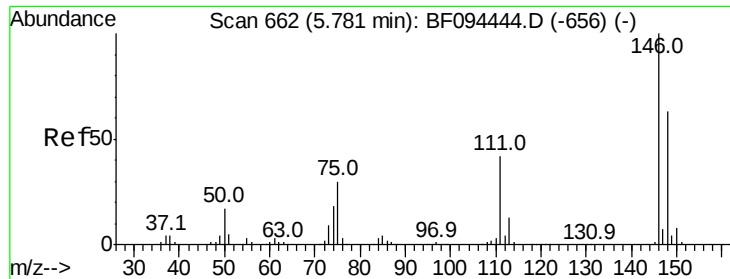
Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

75 28.7 23.1 34.7

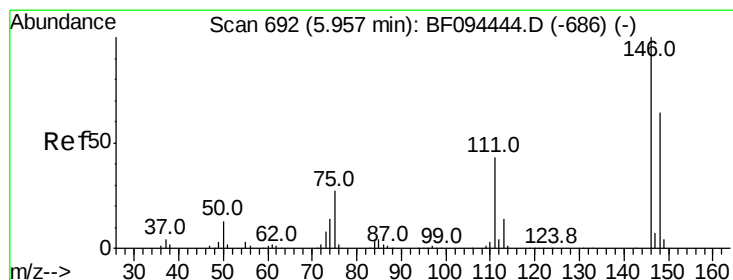
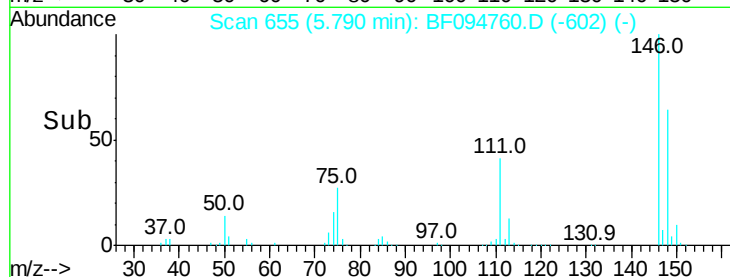
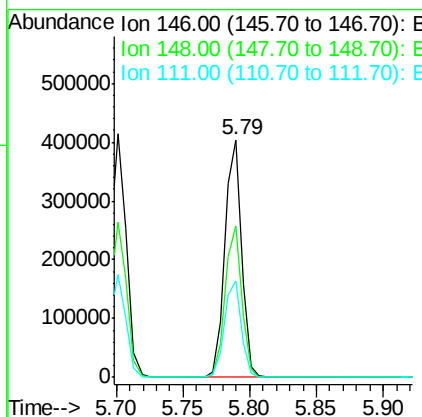
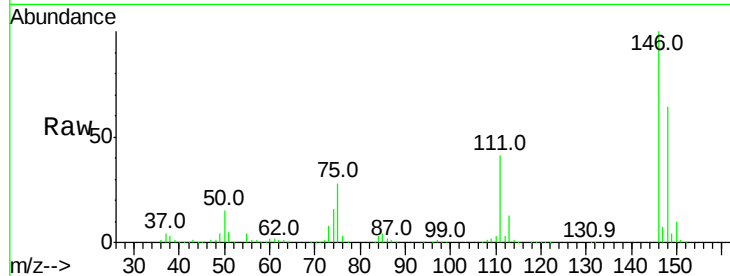




#13
 1,4-Dichlorobenzene
 Concen: 40.28 ng
 RT: 5.79 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

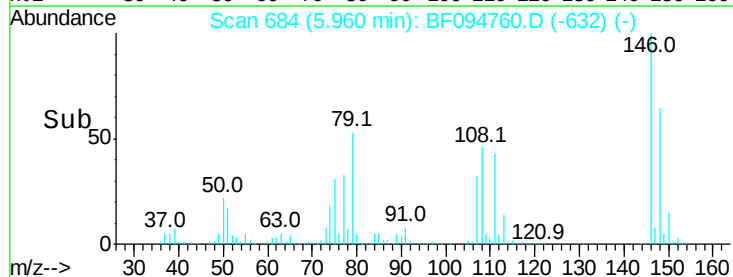
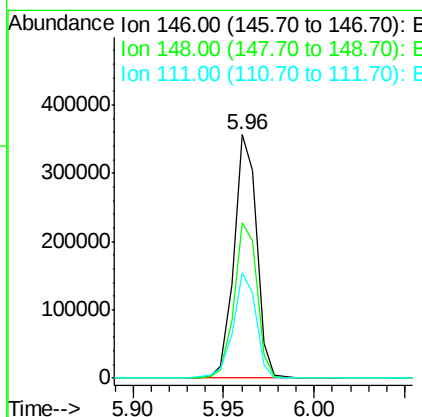
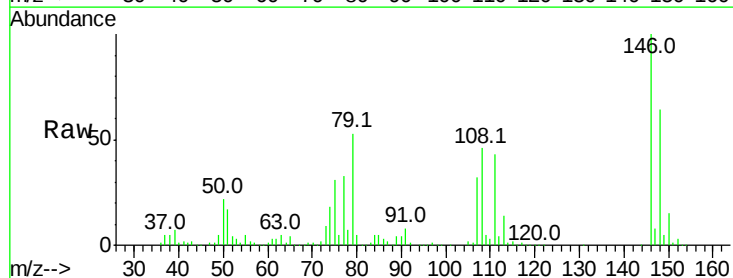
Instrument :
 BNA_F
 ClientSampled :
 OWS-1MS

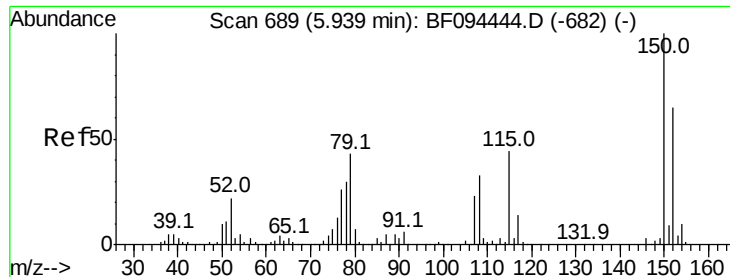
Tot Ion:146 Resp: 359997
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.2 78.2
 111 40.6 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 37.63 ng
 RT: 5.96 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

Tgt Ion:146 Resp: 309751
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.4 75.6
 111 43.5 38.2 57.4

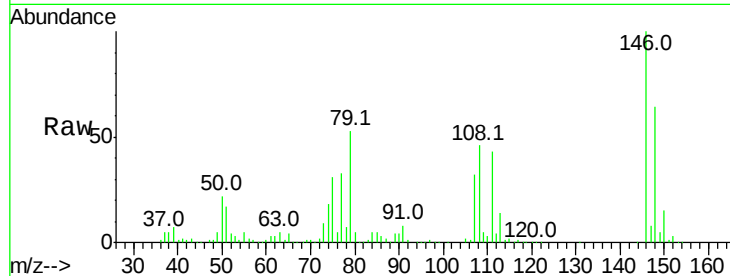




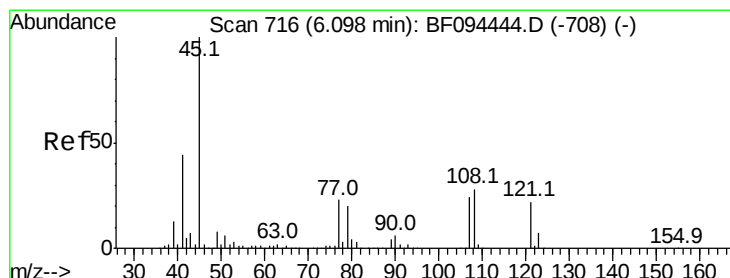
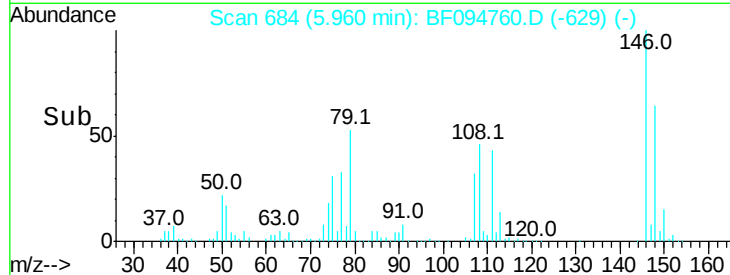
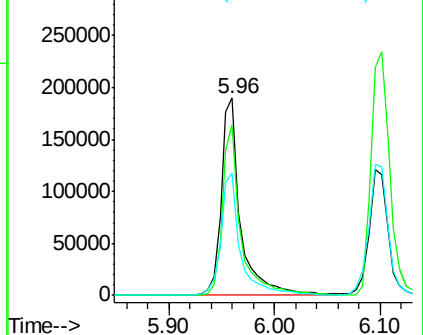
#15
Benzyl Alcohol
Concen: 39.21 ng
RT: 5.96 min Scan# 684
Delta R.T. 0.02 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

Instrument :
BNA_F
ClientSampleId :
OWS-1MS

Tot Ion: 79 Resp: 241607
Ion Ratio Lower Upper
79 100
108 86.4 63.4 95.0
77 61.9 49.2 73.8

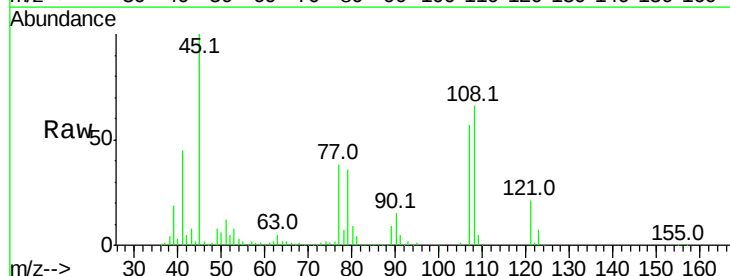


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

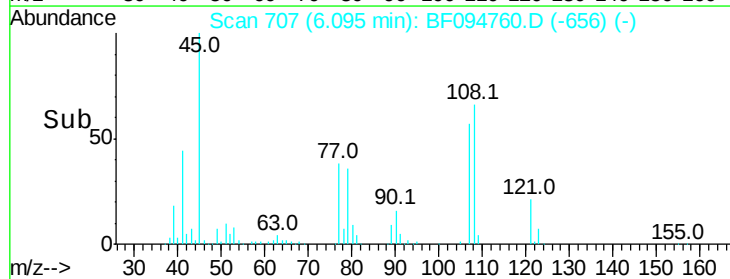
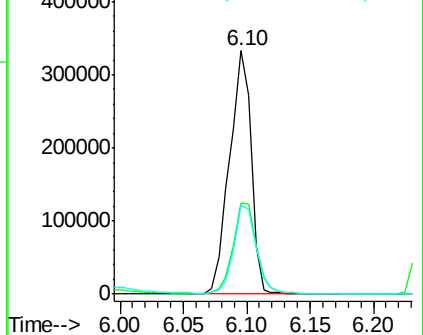


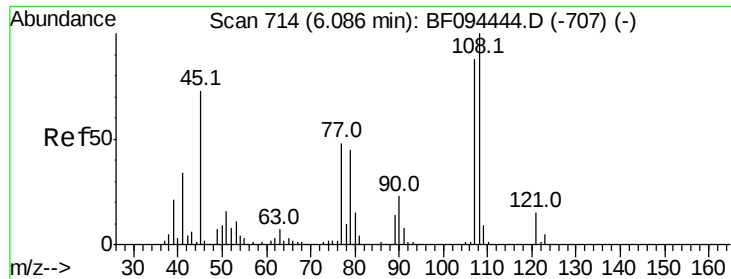
#16
2,2'-oxybis(1-chloropropane)
Concen: 39.99 ng
RT: 6.10 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

Tgt Ion: 45 Resp: 390835
Ion Ratio Lower Upper
45 100
77 37.7 0.0 33.2#
79 36.4 0.0 30.0#



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 40.20 ng

RT: 6.10 min Scan# 708

Delta R.T. 0.01 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Instrument :

BNA_F

ClientSampleId :

OVS-1MS

Tot Ion:107 Resp: 253825

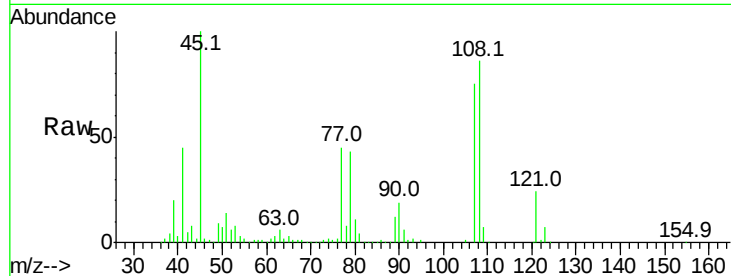
Ion Ratio Lower Upper

107 100

108 115.0 93.4 140.0

77 60.5 35.8 53.6#

79 57.2 34.8 52.2#

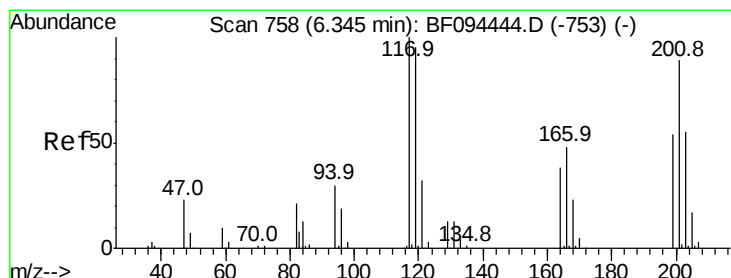
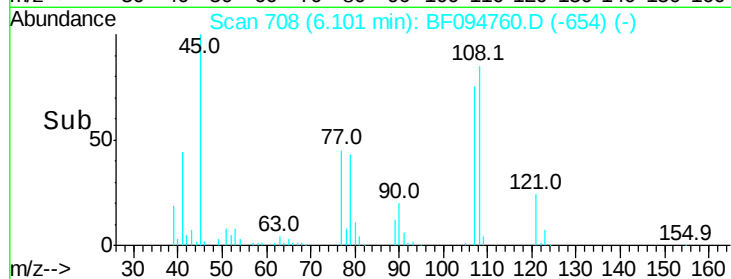
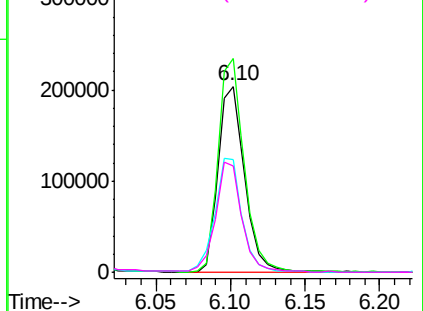


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.00 ng

RT: 6.34 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

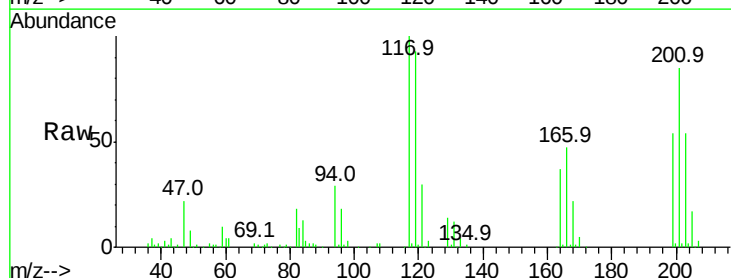
Tgt Ion:117 Resp: 119472

Ion Ratio Lower Upper

117 100

119 93.2 77.4 116.0

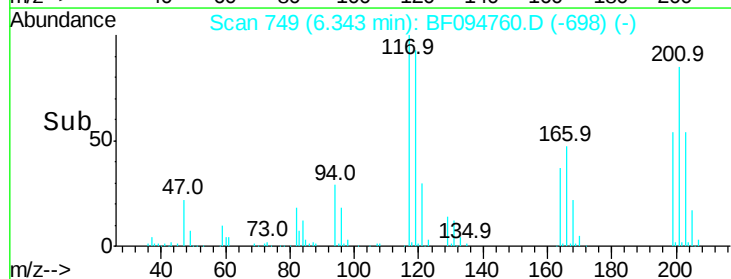
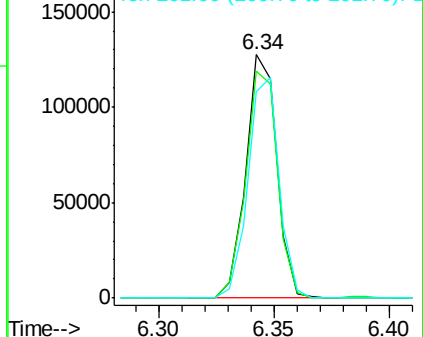
201 84.7 94.6 141.8#

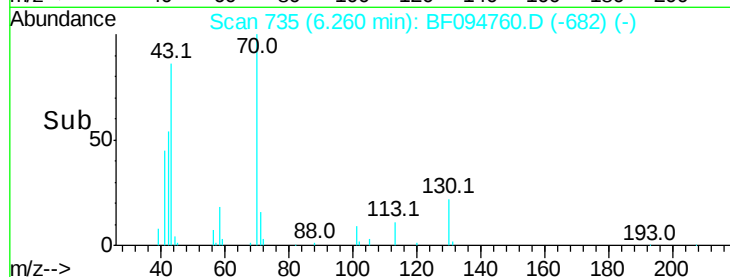
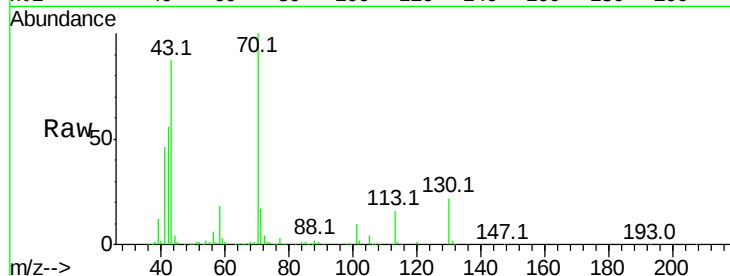
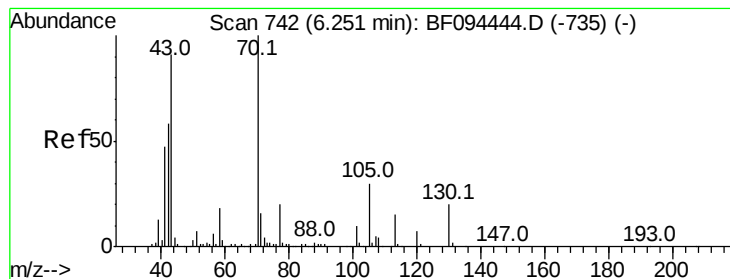


Abundance Ion 117.00 (116.70 to 117.70): E

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: 42.82 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Instrument :

BNA_F

ClientSampleId :

OWS-1MS

Tot Ion: 70 Resp: 235689

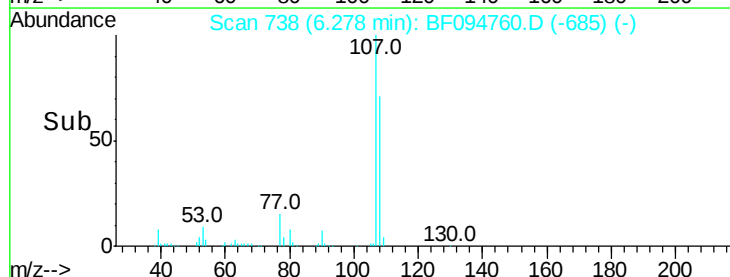
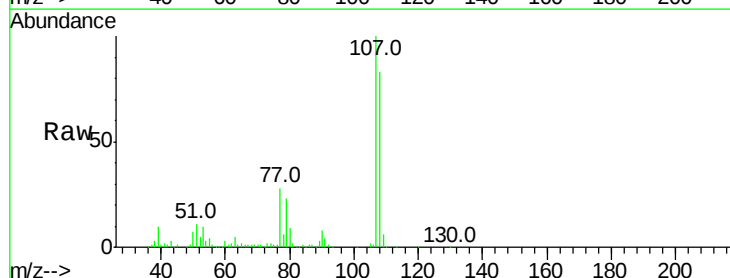
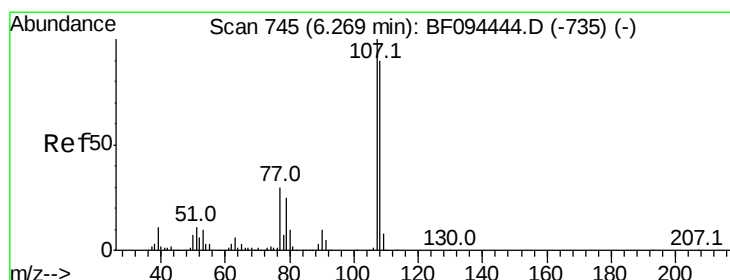
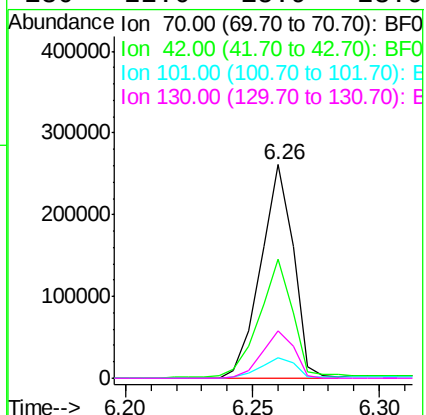
Ion Ratio Lower Upper

70 100

42 55.9 47.2 70.8

101 9.6 7.2 10.8

130 22.0 15.9 23.9



#20

3+4-Methylphenols

Concen: 49.93 ng

RT: 6.28 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Tgt Ion:107 Resp: 428383

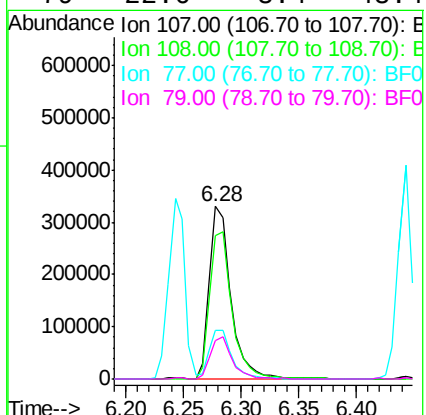
Ion Ratio Lower Upper

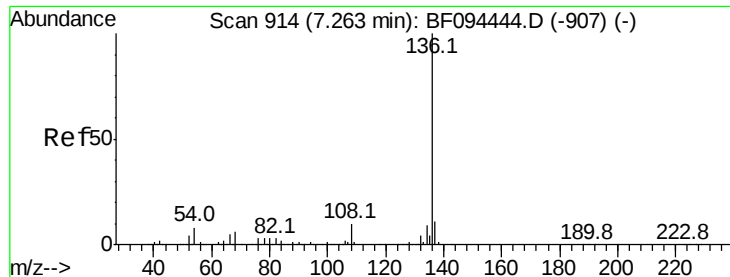
107 100

108 82.9 71.0 111.0

77 27.9 90.5 130.5#

79 22.6 8.4 48.4

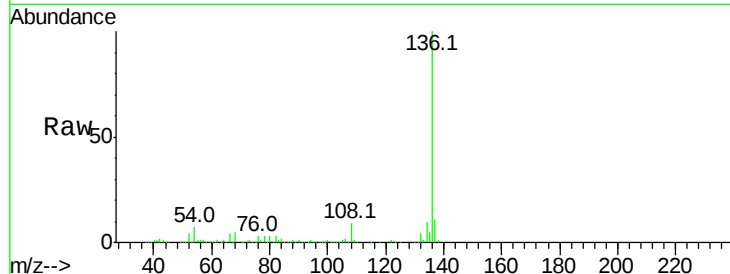




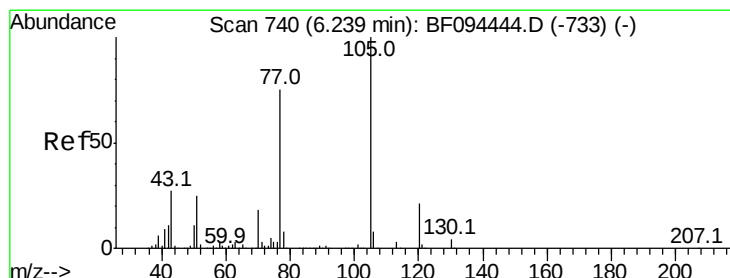
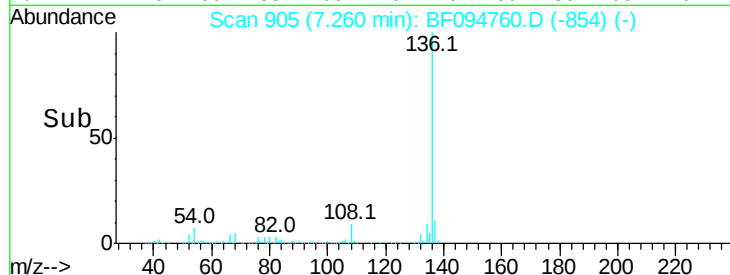
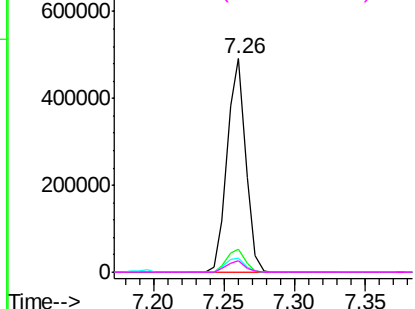
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

Instrument :
BNA_F
ClientSampleId :
OWS-1MS

Tot Ion:136	Resp:	448622
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	6.5	4.9 7.3
68	5.4	4.1 6.1

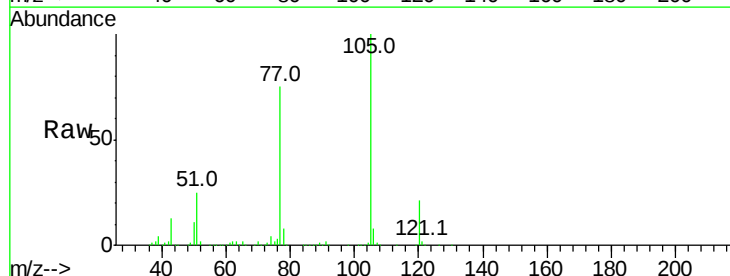


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

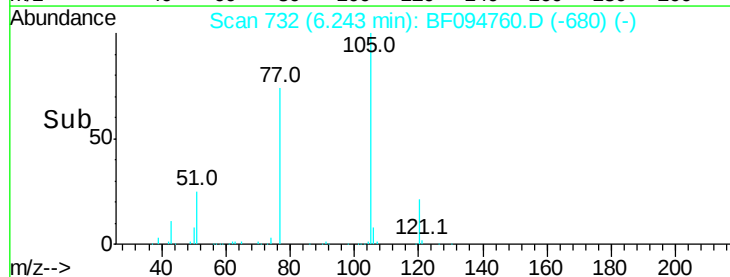
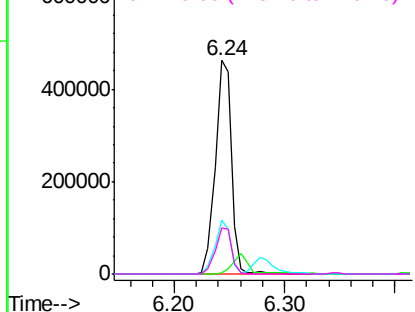


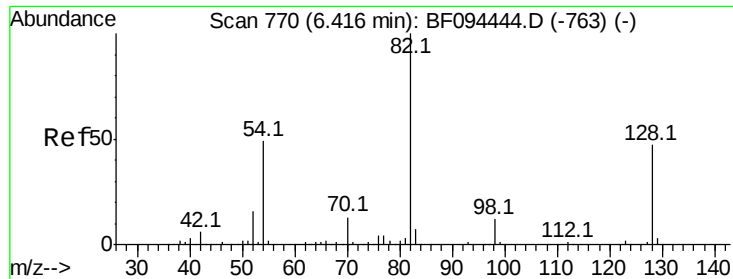
#22
Acetophenone
Concen: 43.03 ng
RT: 6.24 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

Tgt Ion:105	Resp:	469411
Ion Ratio	Lower	Upper
105	100	
71	0.4	2.8 4.2#
51	25.1	30.7 46.1#
120	21.4	17.4 26.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

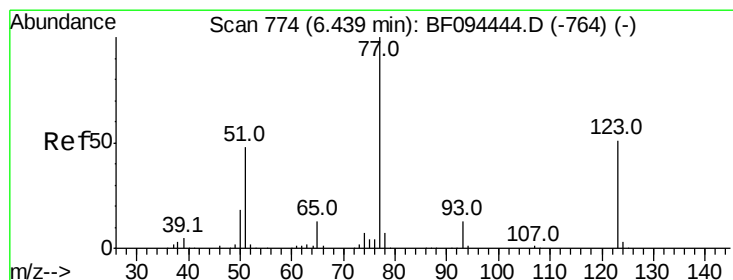
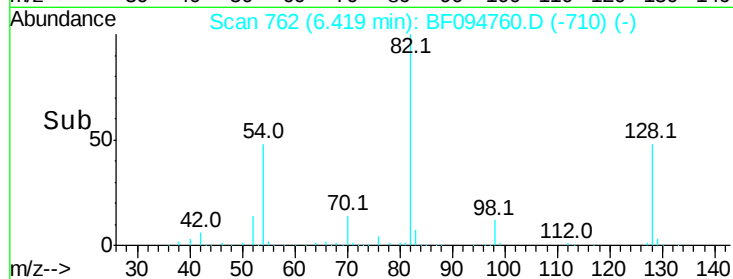
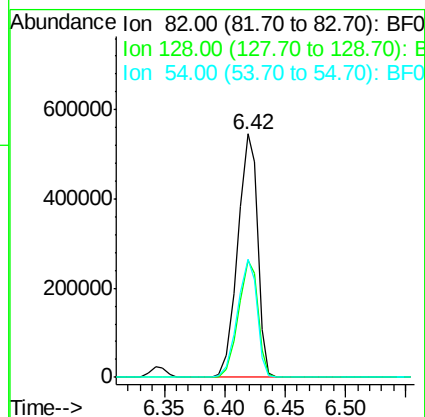
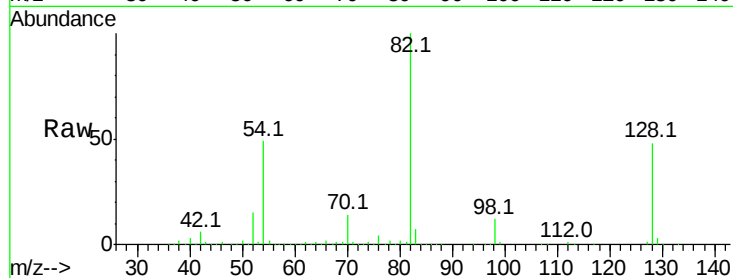




#23
Nitrobenzene-d5
Concen: 86.44 ng
RT: 6.42 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

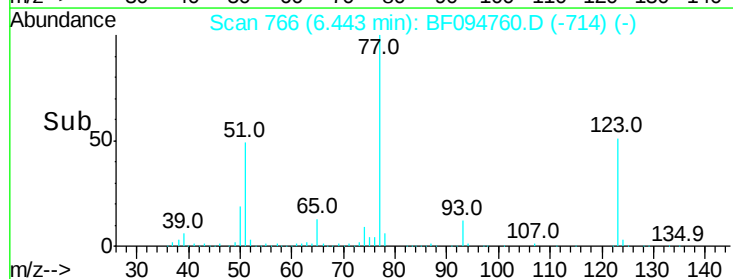
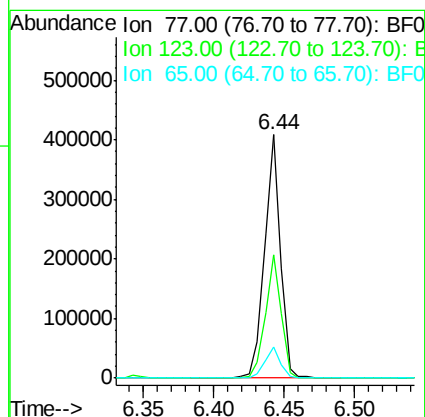
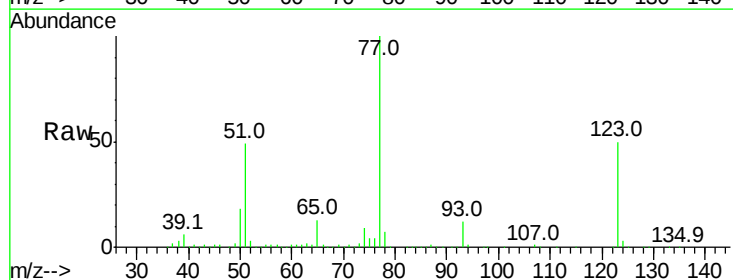
Instrument :
BNA_F
ClientSampleId :
OWS-1MS

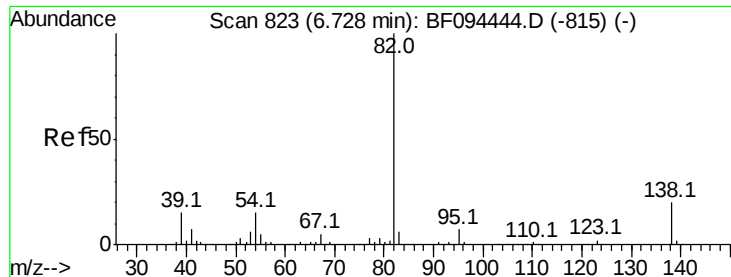
Tot Ion: 82 Resp: 627988
Ion Ratio Lower Upper
82 100
128 47.8 34.0 51.0
54 48.8 42.2 63.2



#24
Nitrobenzene
Concen: 42.67 ng
RT: 6.44 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

Tgt Ion: 77 Resp: 326497
Ion Ratio Lower Upper
77 100
123 50.4 35.8 53.8
65 12.9 10.6 15.8





#25

Isophorone

Concen: 43.98 ng

RT: 6.73 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Instrument :

BNA_F

ClientSampleId :

OWS-1MS

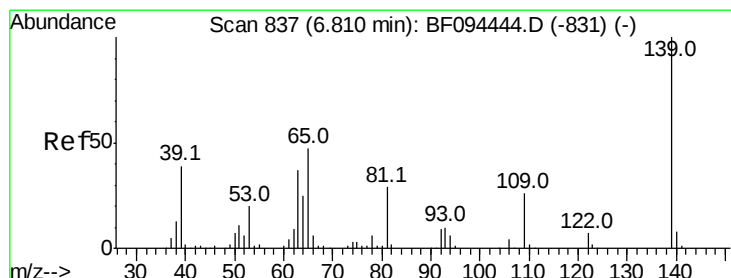
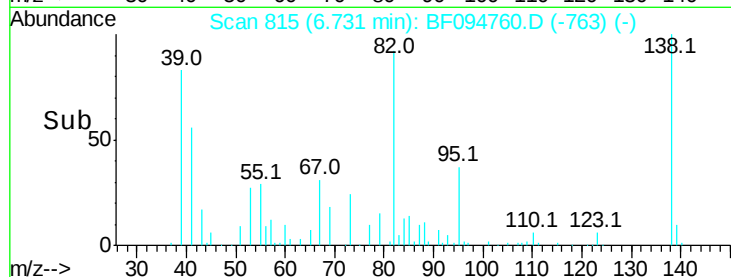
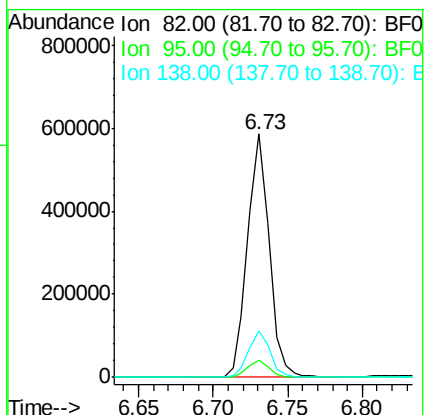
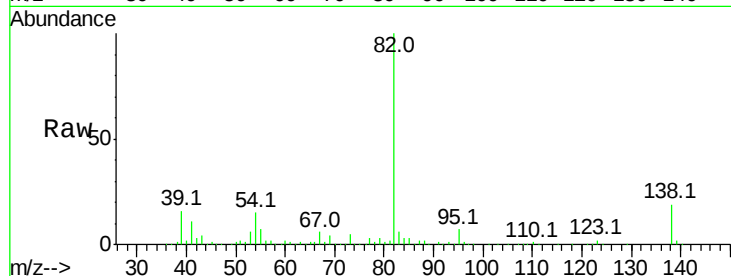
Tot Ion: 82 Resp: 592281

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 18.9 13.1 19.7



#26

2-Nitrophenol

Concen: 44.05 ng

RT: 6.81 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

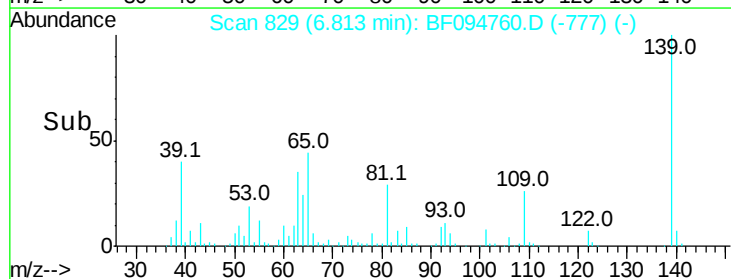
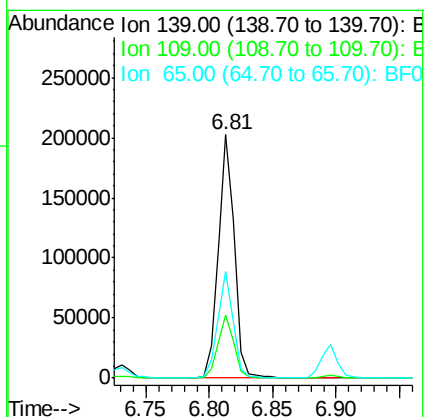
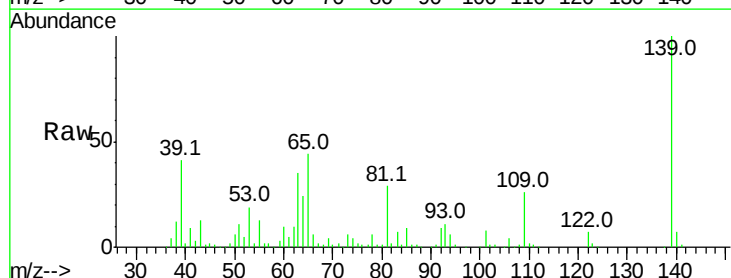
Tgt Ion: 139 Resp: 181058

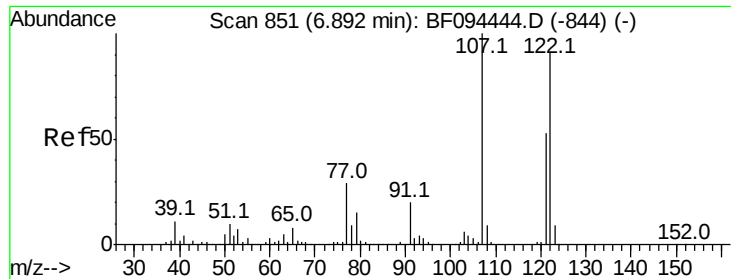
Ion Ratio Lower Upper

139 100

109 26.2 21.0 31.6

65 43.9 33.0 49.6

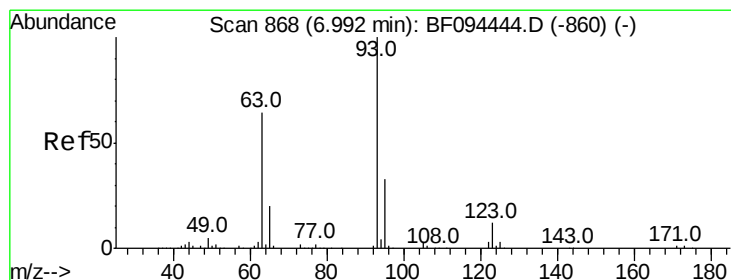
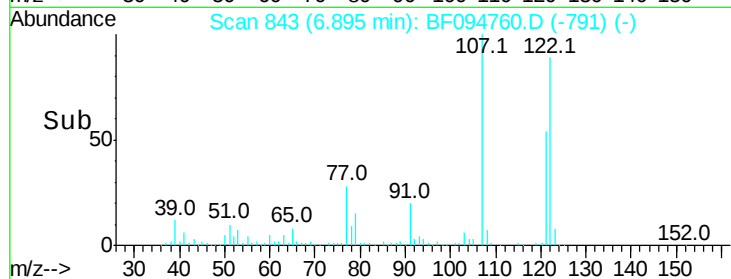
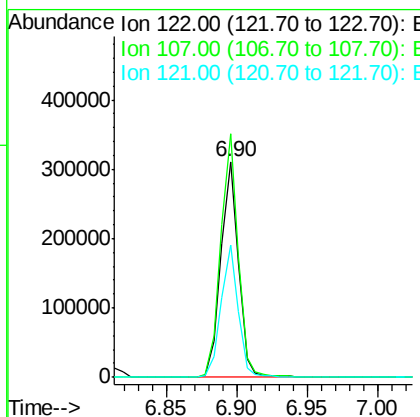
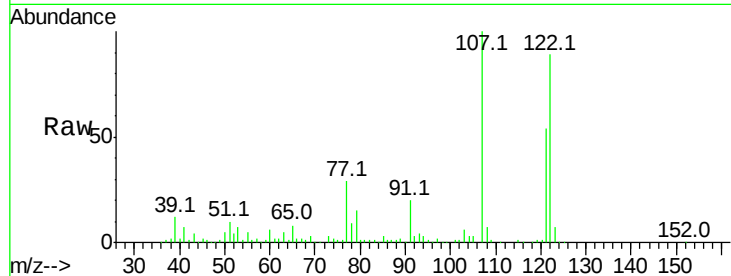




#27
 2,4-Dimethylphenol
 Concen: 40.79 ng
 RT: 6.90 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

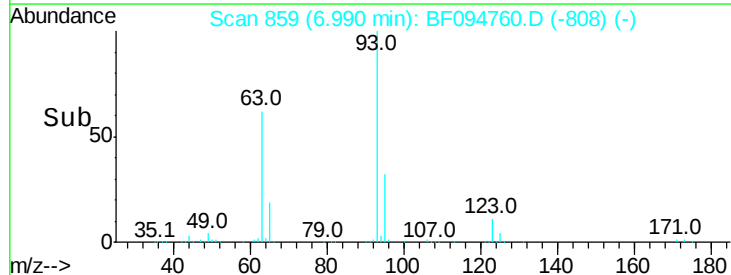
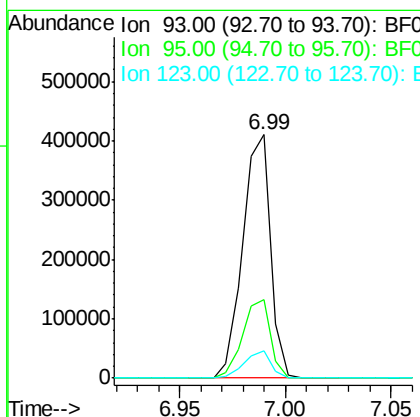
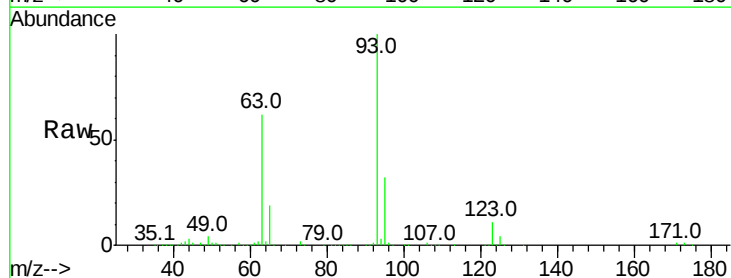
Instrument :
 BNA_F
 ClientSampleId :
 OWS-1MS

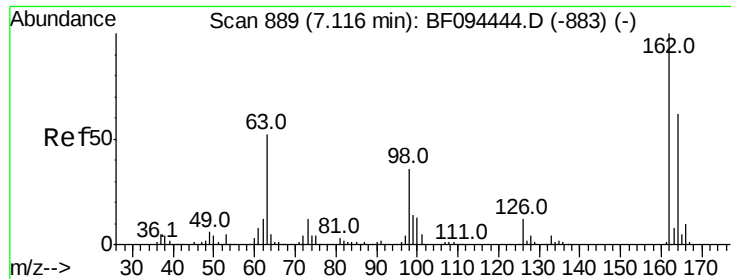
Tot Ion:122 Resp: 272372
 Ion Ratio Lower Upper
 122 100
 107 112.7 89.2 133.8
 121 61.0 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.10 ng
 RT: 6.99 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

Tgt Ion: 93 Resp: 375484
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.5 39.7
 123 11.1 9.0 13.4

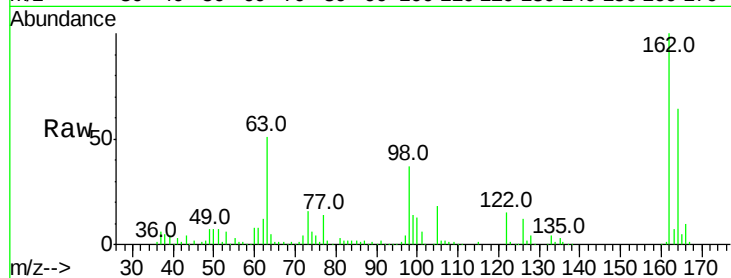




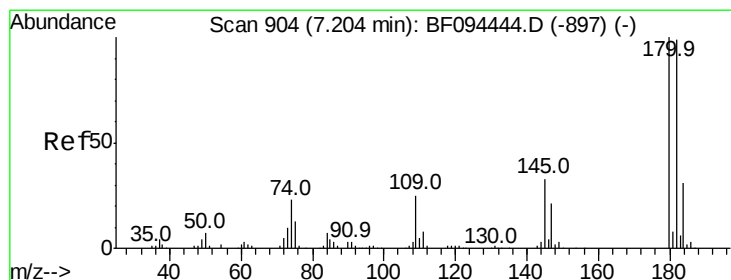
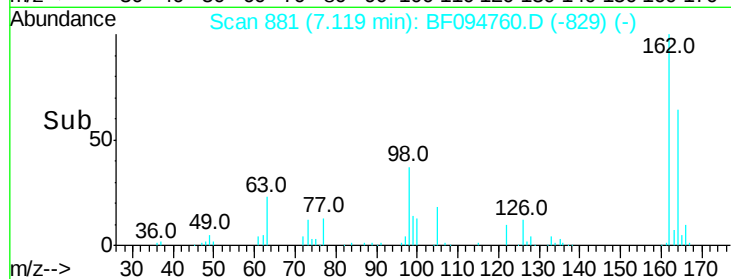
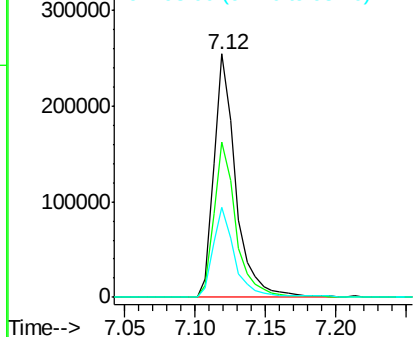
#29
 2,4-Dichlorophenol
 Concen: 44.13 ng
 RT: 7.12 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

Instrument :
 BNA_F
 ClientSampleId :
 OWS-1MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.6	84.6
98	36.7	14.8	54.8

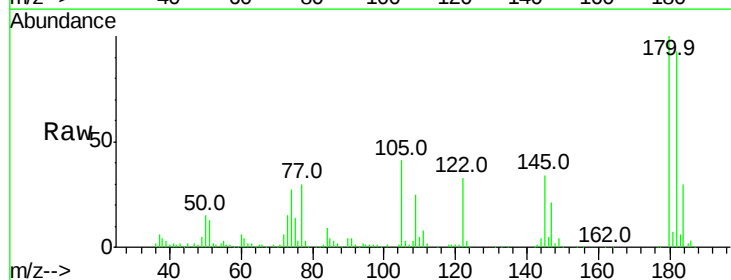


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

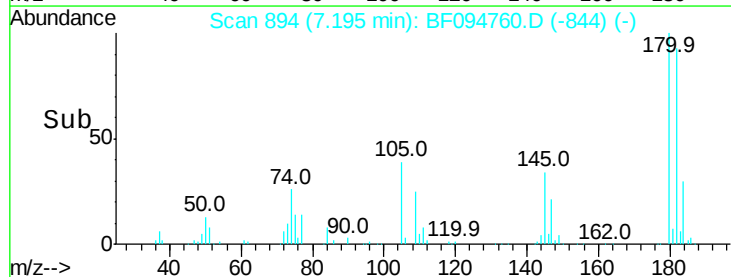
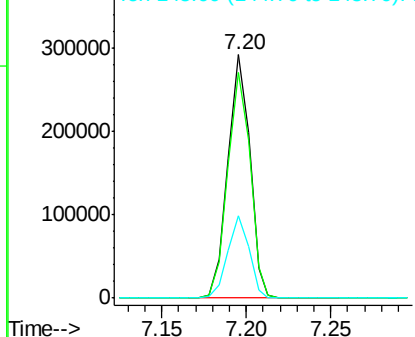


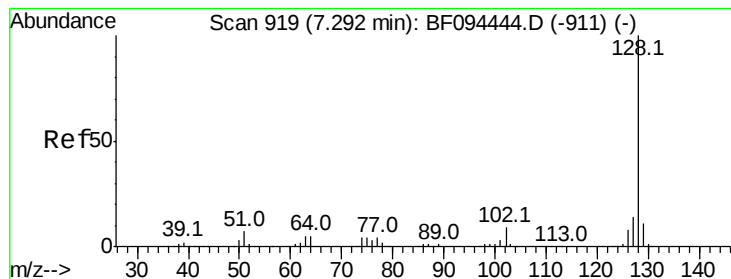
#30
 1,2,4-Trichlorobenzene
 Concen: 41.30 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	75.8	113.6
145	34.0	25.3	37.9



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: 43.76 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Instrument :

BNA_F

ClientSampleId :

OVS-1MS

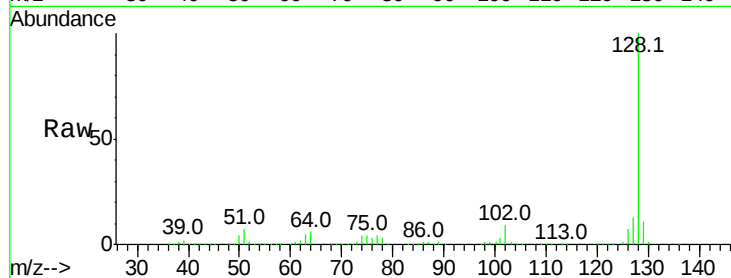
Tot Ion:128 Resp: 943695

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

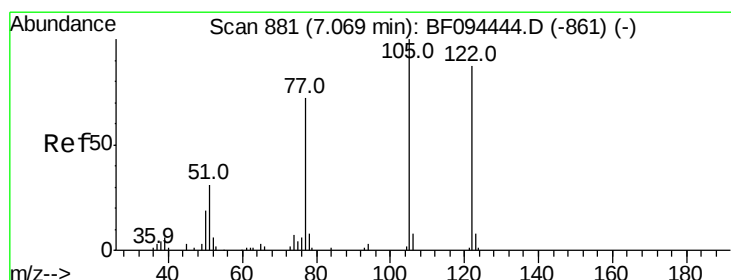
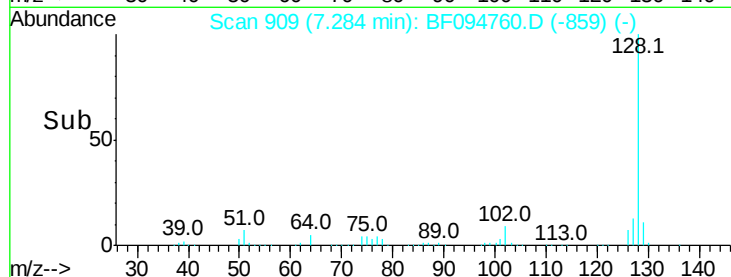
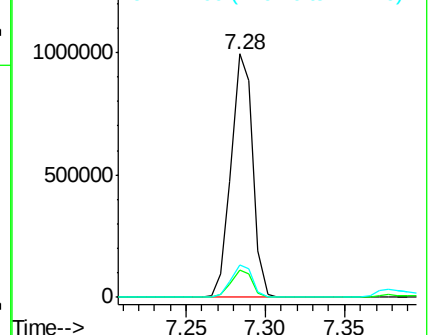
127 13.4 10.8 16.2



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: 171.73 ng

RT: 7.22 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

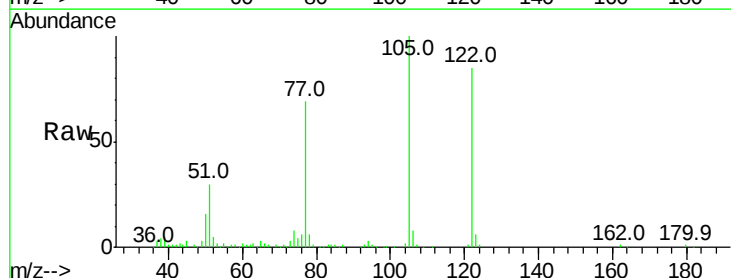
Tgt Ion:122 Resp: 606317

Ion Ratio Lower Upper

122 100

105 118.1 103.3 143.3

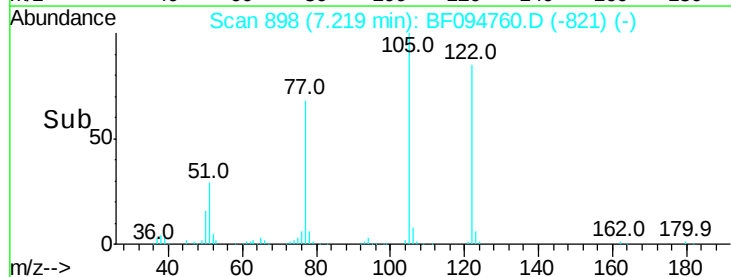
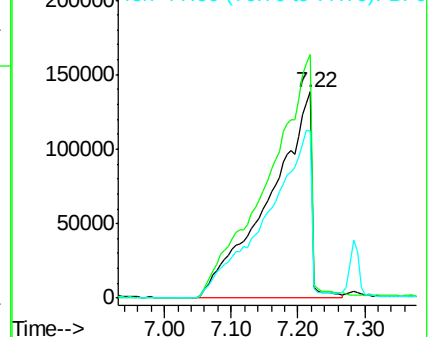
77 81.2 73.7 113.7

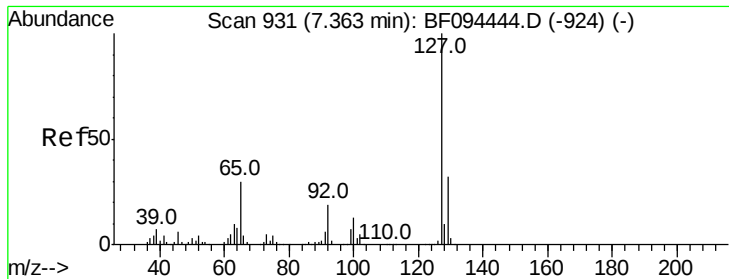


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

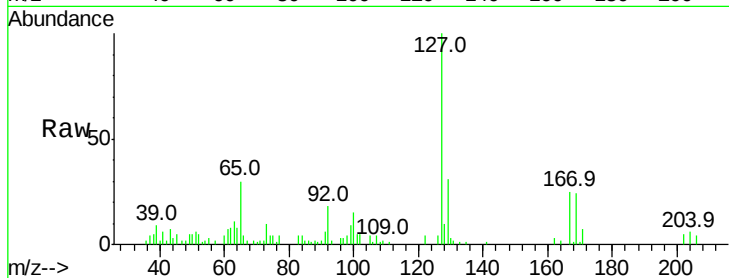




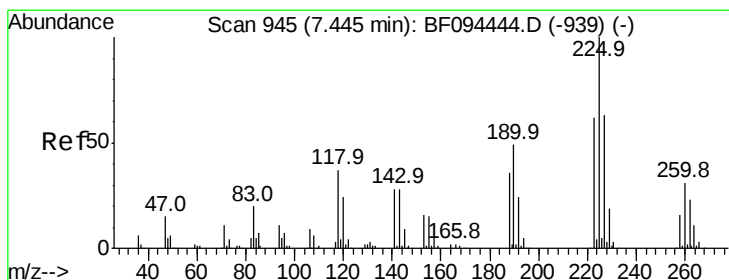
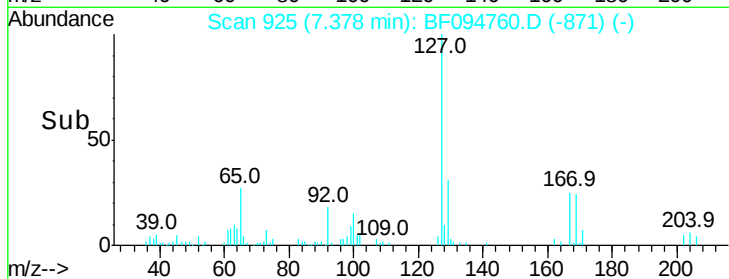
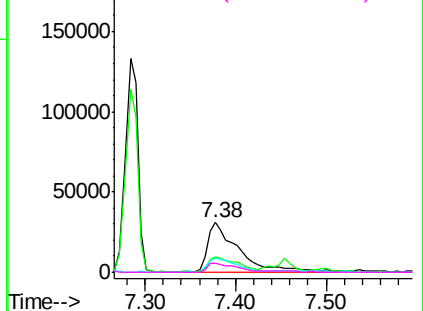
#33
4-Chloroaniline
Concen: 8.36 ng
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

Instrument :
BNA_F
ClientSampleId :
OWS-1MS

Tot Ion:	127	Resp:	75031
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.2	39.2
65	29.6	27.8	41.8
92	18.3	16.8	25.2

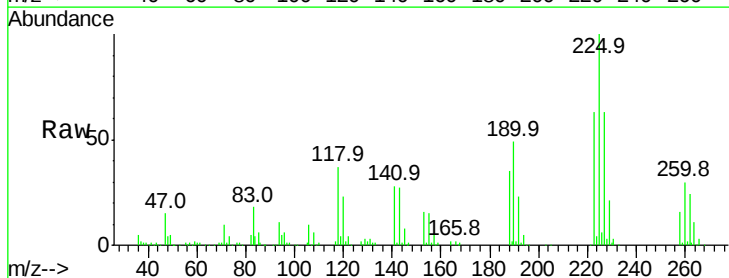


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

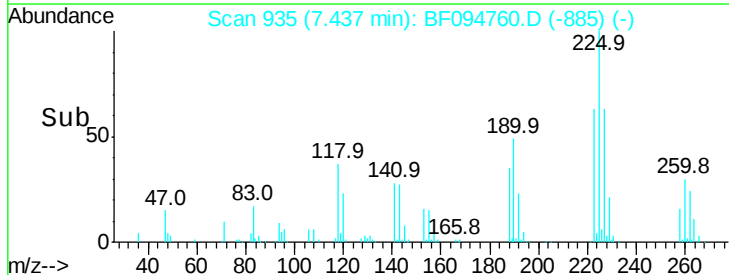
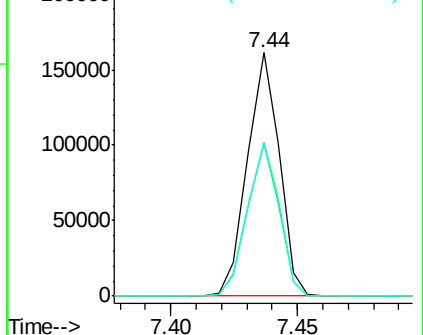


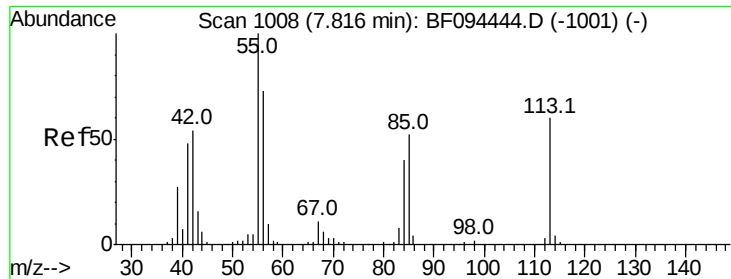
#34
Hexachlorobutadiene
Concen: 44.31 ng
RT: 7.44 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

Tgt Ion:	225	Resp:	141848
Ion	Ratio	Lower	Upper
225	100		
223	62.6	48.8	73.2
227	63.3	51.1	76.7



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

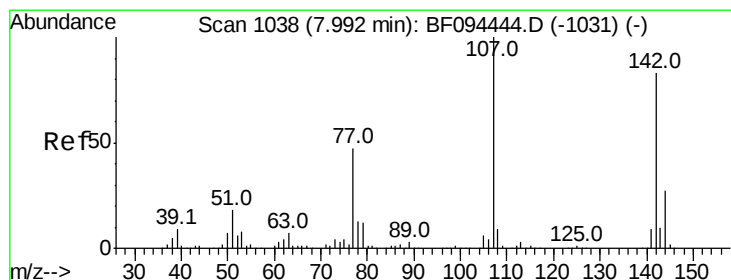
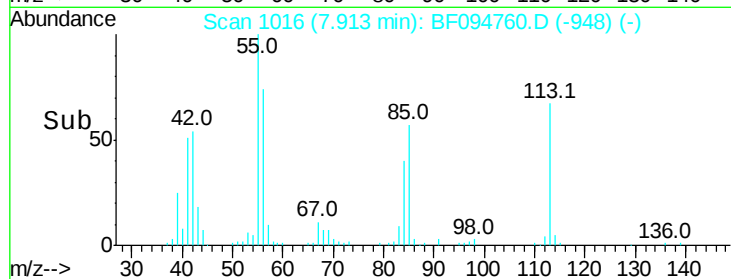
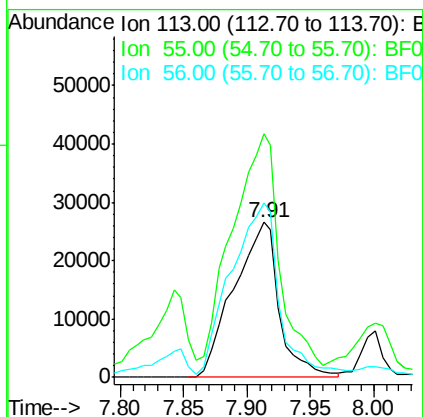
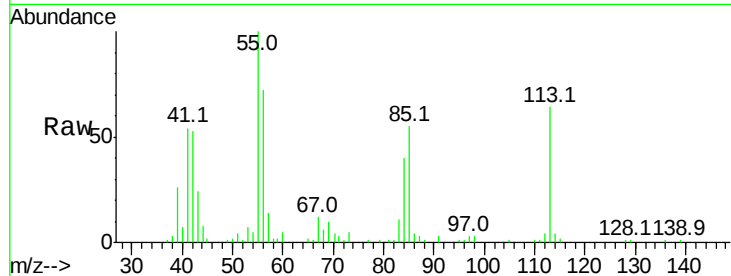




#35
 Caprolactam
 Concen: 34.02 ng
 RT: 7.91 min Scan# 1016
 Delta R.T. 0.10 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

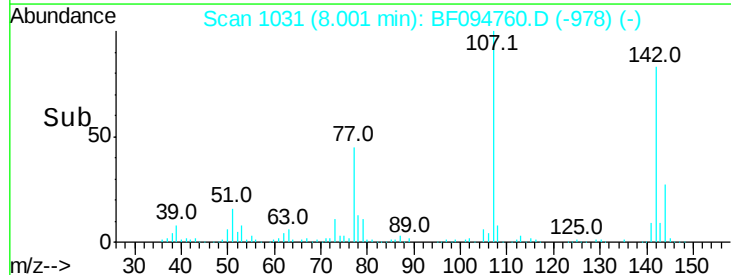
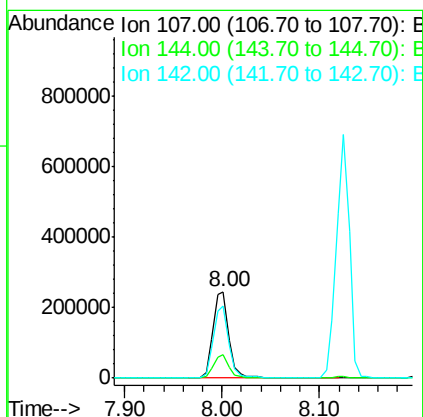
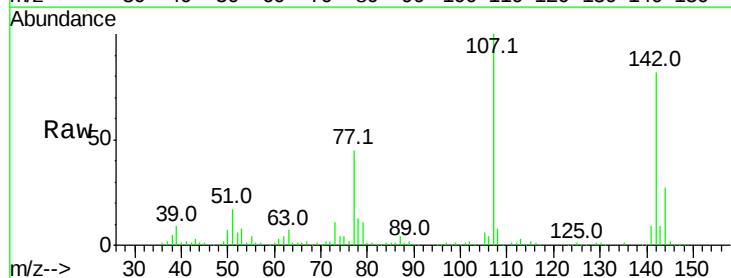
Instrument :
 BNA_F
 ClientSampleId :
 OWS-1MS

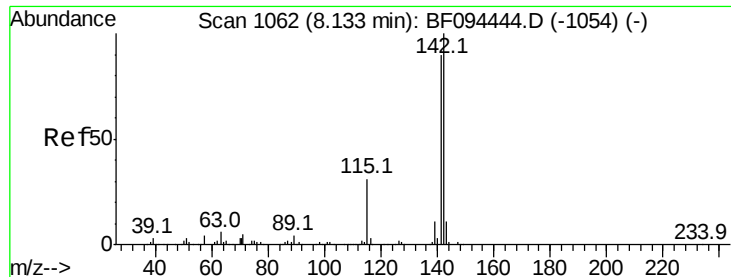
Tot Ion:113 Resp: 66375
 Ion Ratio Lower Upper
 113 100
 55 157.4 150.2 190.2
 56 113.1 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 43.00 ng
 RT: 8.00 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

Tgt Ion:107 Resp: 279884
 Ion Ratio Lower Upper
 107 100
 144 27.2 24.2 36.4
 142 82.4 73.4 110.0

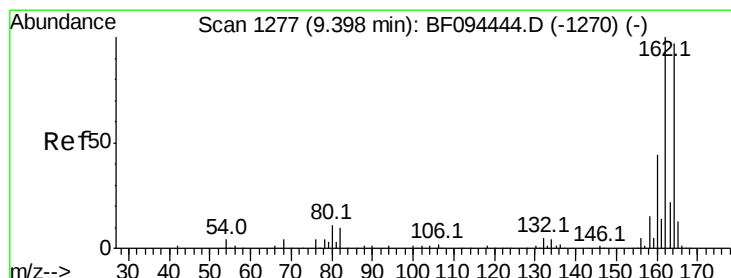
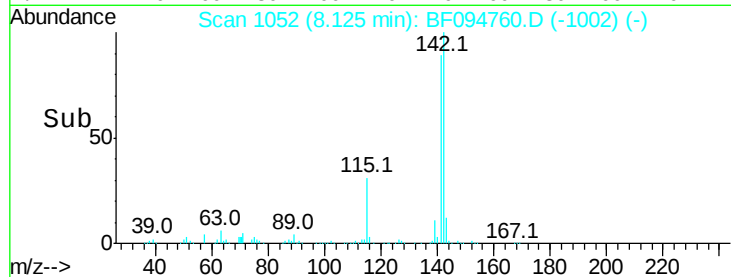
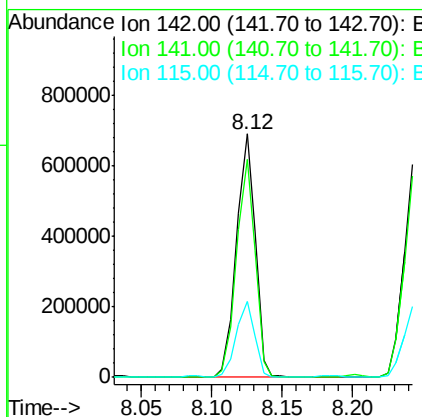
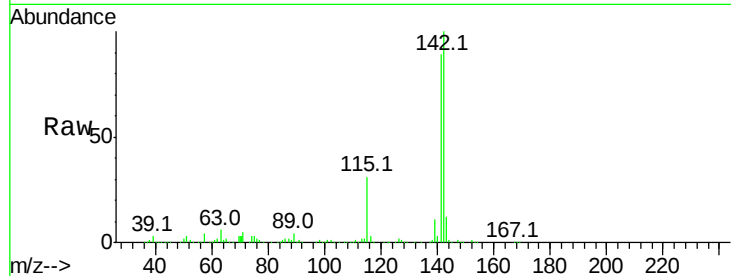




#37
 2-Methylnaphthalene
 Concen: 43.50 ng
 RT: 8.12 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

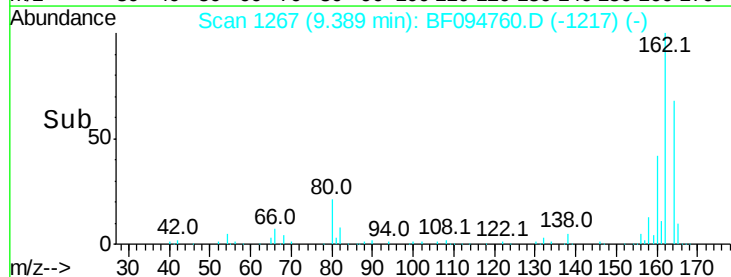
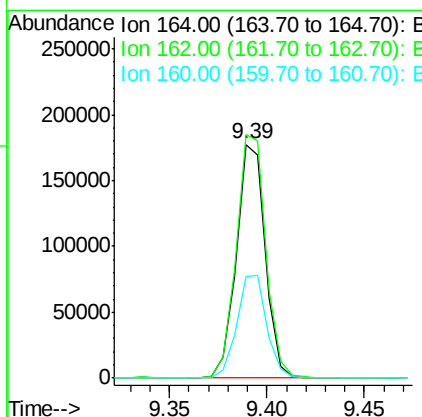
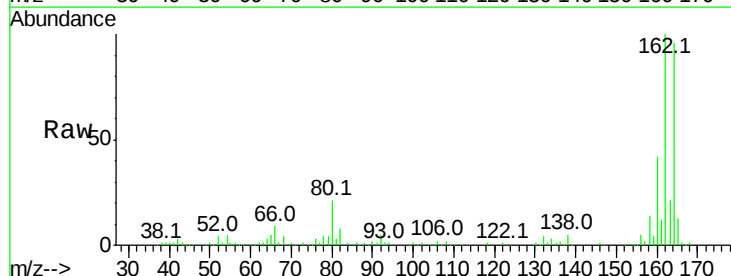
Instrument :
 BNA_F
 ClientSampleId :
 OWS-1MS

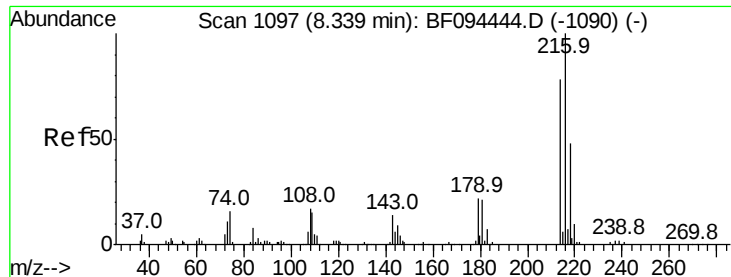
Tot Ion:142 Resp: 641882
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.3 106.9
 115 31.4 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

Tgt Ion:164 Resp: 181264
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.6 123.8
 160 43.6 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.79 ng

RT: 8.33 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Instrument :

BNA_F

ClientSampleId :

OWS-1MS

Tot Ion:216 Resp: 246668

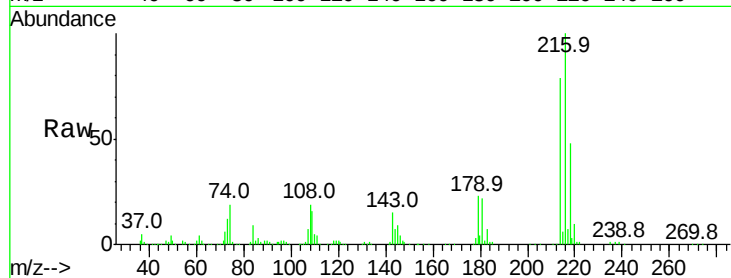
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.2

179 22.1 17.9 26.9

108 19.4 16.5 24.7

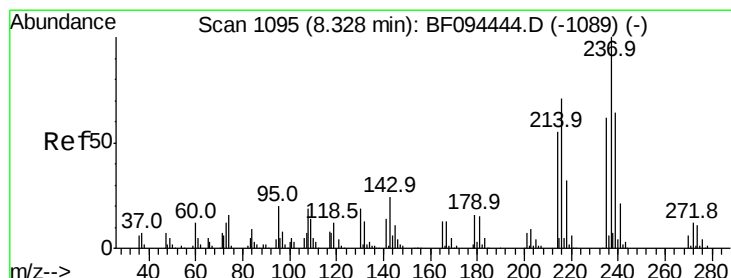
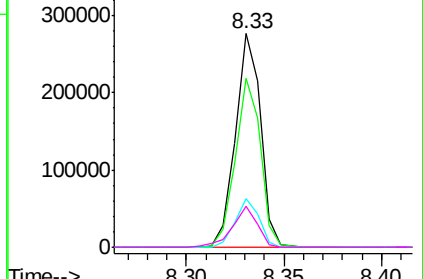
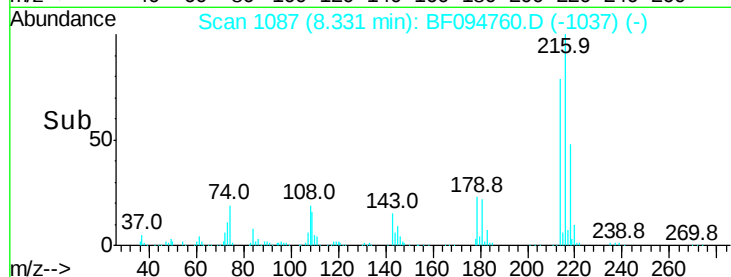


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 49.78 ng

RT: 8.31 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

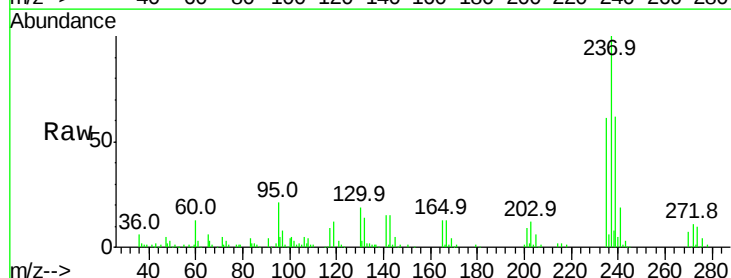
Tgt Ion:237 Resp: 103946

Ion Ratio Lower Upper

237 100

235 61.4 42.6 82.6

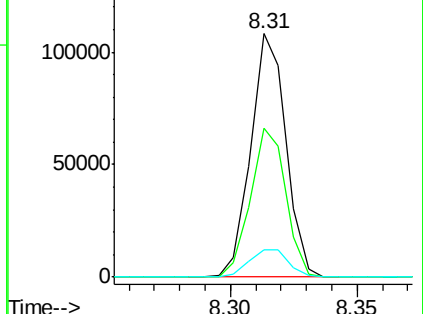
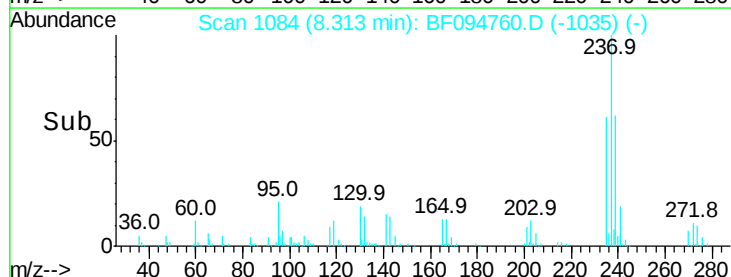
272 11.4 0.0 31.9

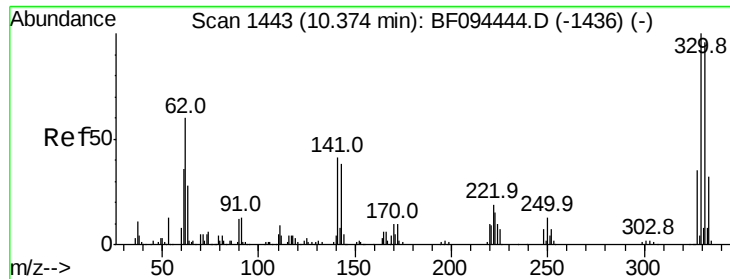


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

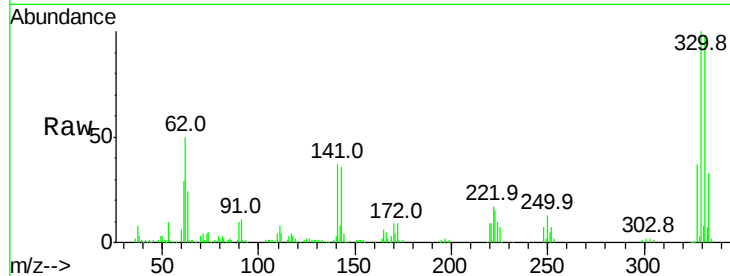




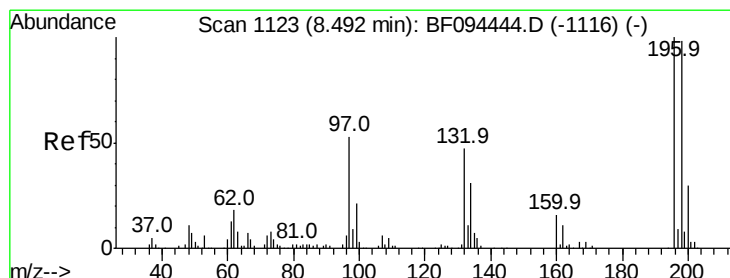
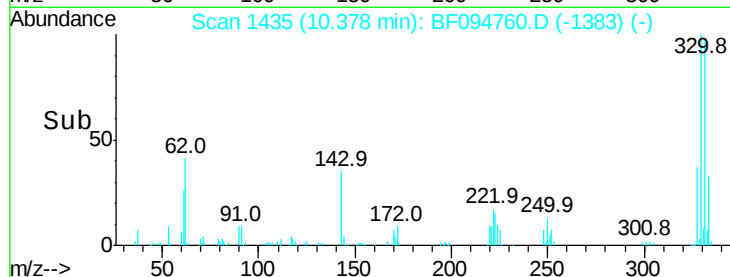
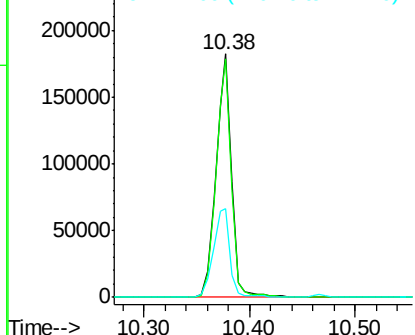
#41
 2,4,6-Tribromophenol
 Concen: 133.66 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

Instrument :
 BNA_F
 ClientSampleID :
 OWS-1MS

Tot Ion:330 Resp: 189504
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 39.4 31.4 47.2

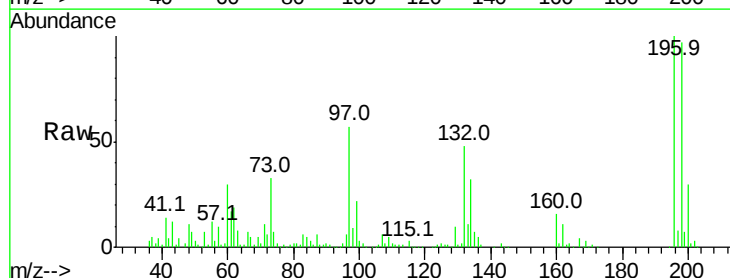


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

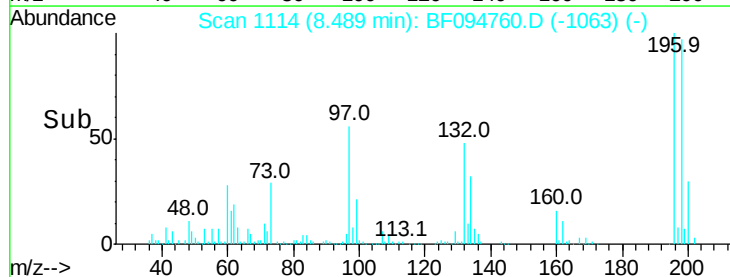
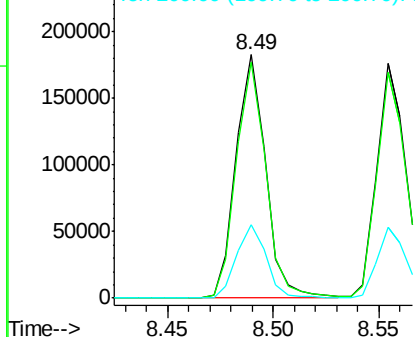


#42
 2,4,6-Trichlorophenol
 Concen: 49.26 ng
 RT: 8.49 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

Tgt Ion:196 Resp: 178567
 Ion Ratio Lower Upper
 196 100
 198 97.0 74.2 111.4
 200 29.9 24.0 36.0



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

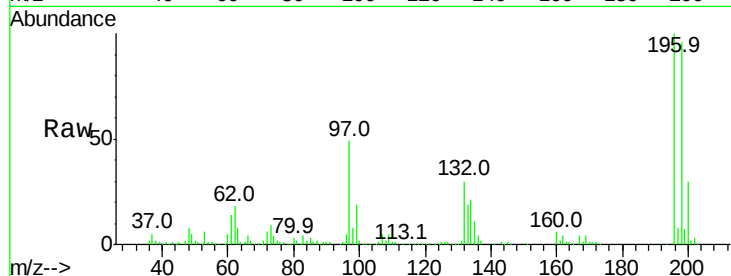




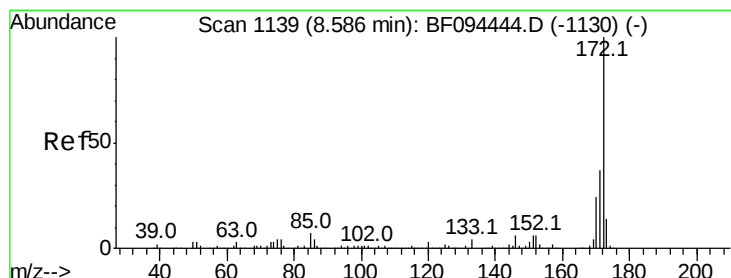
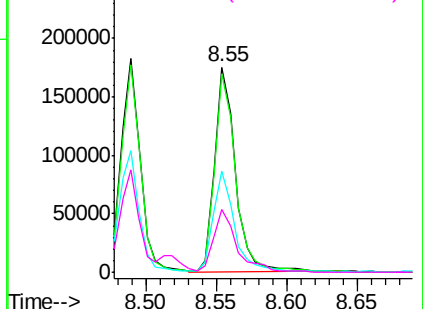
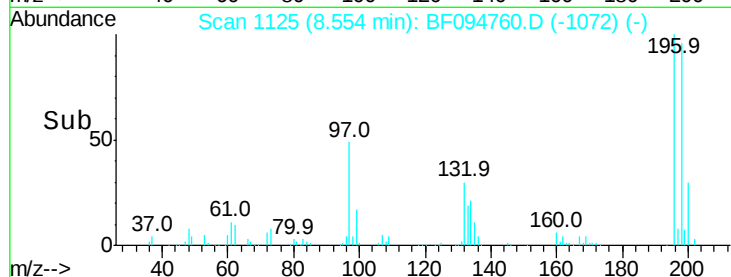
#43
 2,4,5-Trichlorophenol
 Concen: 48.42 ng
 RT: 8.55 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

Instrument :
 BNA_F
 ClientSampleId :
 OWS-1MS

Tot Ion:196 Resp: 180234
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.7 113.5
 97 49.2 47.7 71.5
 132 30.4 28.0 42.0

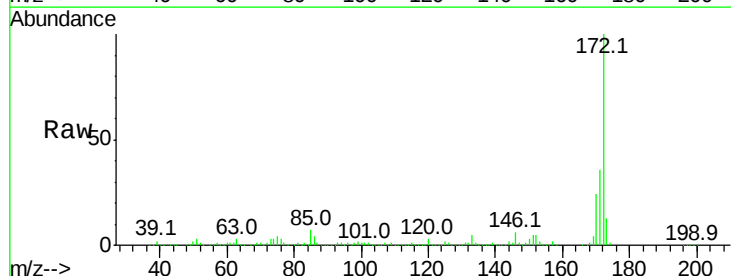


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

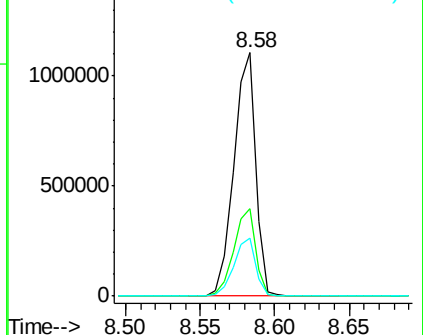
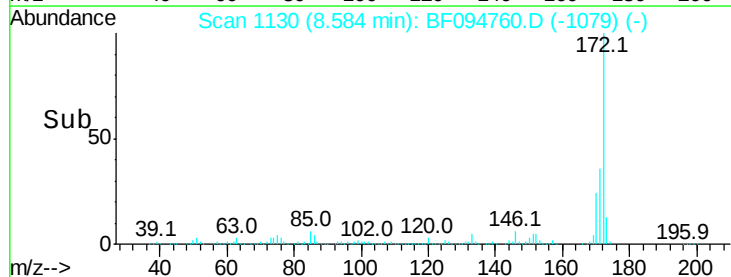


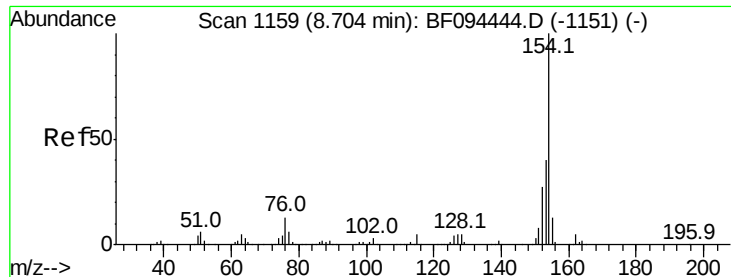
#44
 2-Fluorobiphenyl
 Concen: 92.54 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

Tgt Ion:172 Resp: 1140041
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.0 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 48.86 ng

RT: 8.70 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Instrument :

BNA_F

ClientSampleId :

OWS-1MS

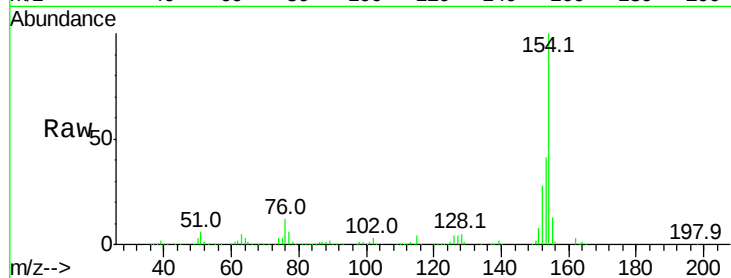
Tot Ion:154 Resp: 723555

Ion Ratio Lower Upper

154 100

153 41.0 21.2 61.2

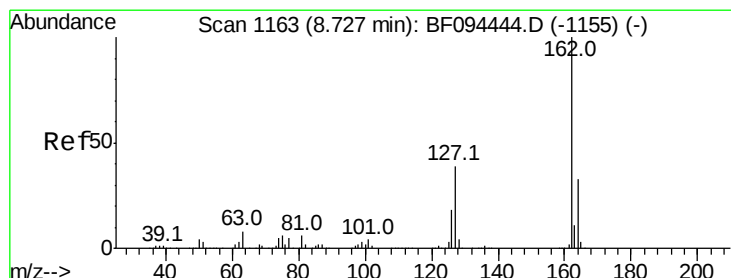
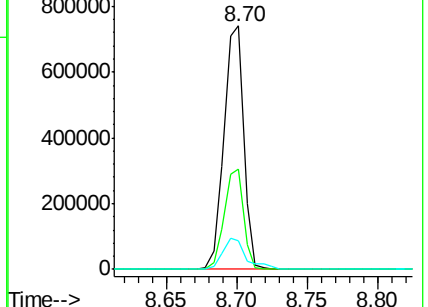
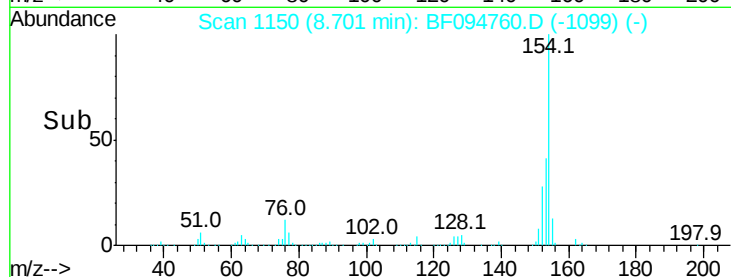
76 11.8 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 47.99 ng

RT: 8.72 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

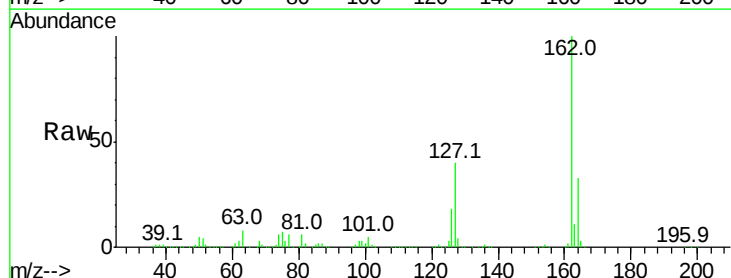
Tgt Ion:162 Resp: 565119

Ion Ratio Lower Upper

162 100

127 39.7 28.3 42.5

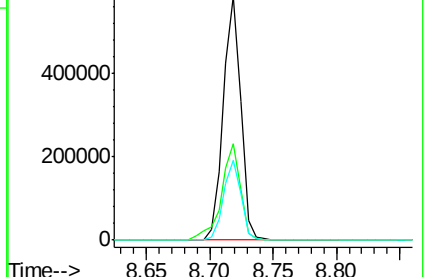
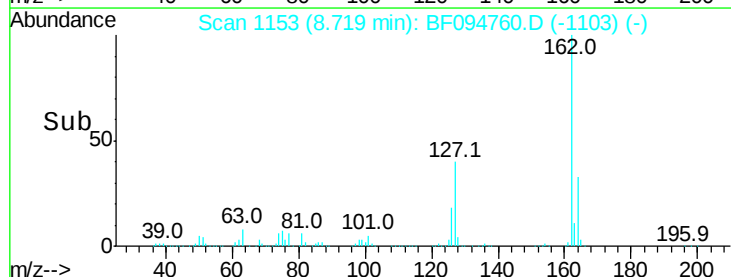
164 32.6 27.0 40.4

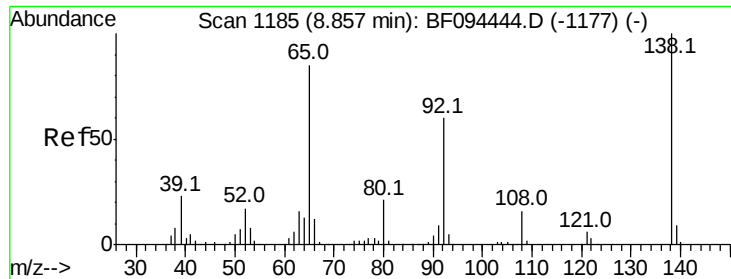


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

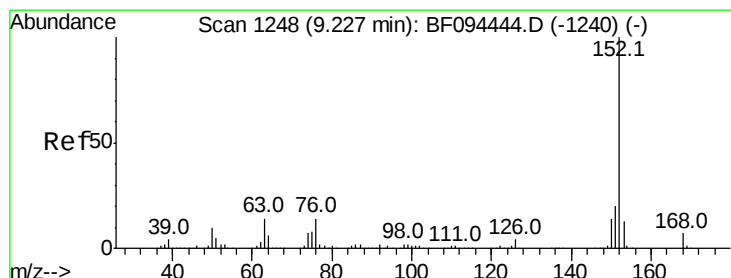
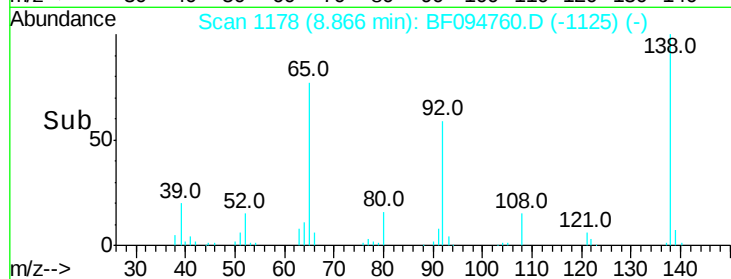
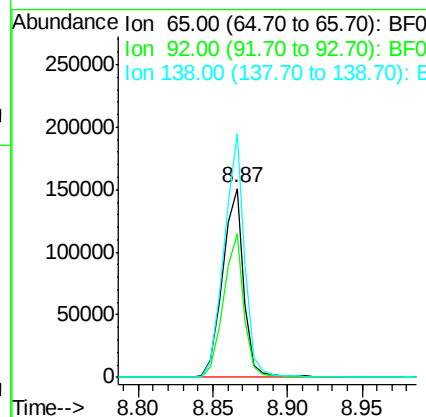
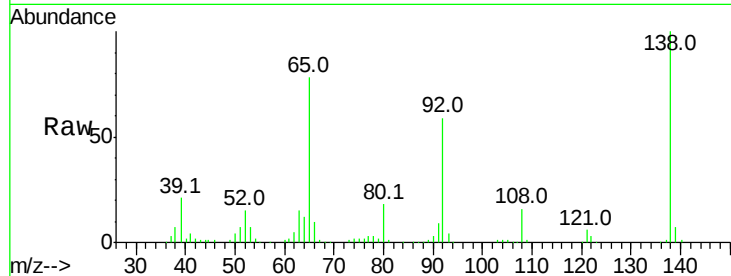




#47
2-Nitroaniline
Concen: 44.75 ng
RT: 8.87 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

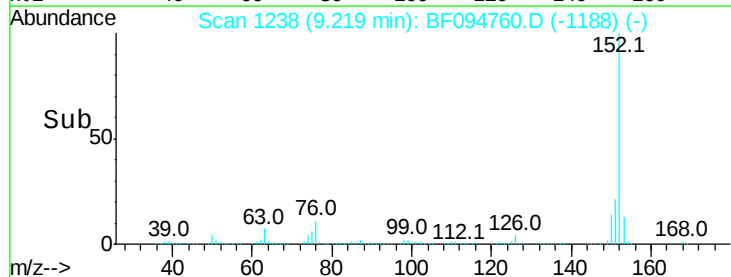
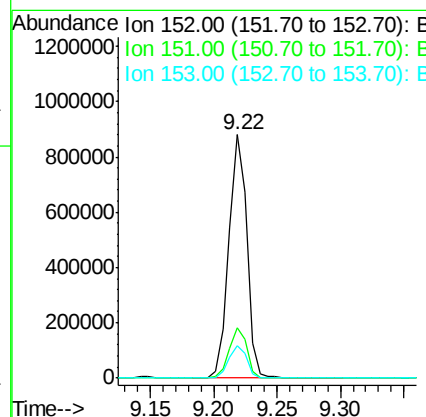
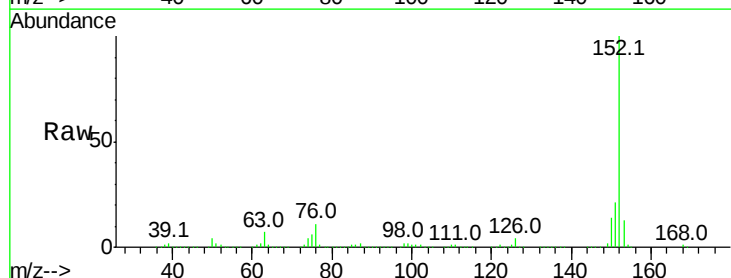
Instrument :
BNA_F
ClientSampleId :
OWS-1MS

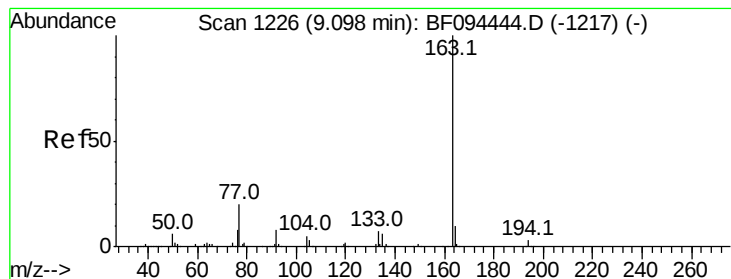
Tot Ion: 65 Resp: 151583
Ion Ratio Lower Upper
65 100
92 75.9 53.9 80.9
138 128.7 78.8 118.2#



#48
Acenaphthylene
Concen: 47.35 ng
RT: 9.22 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

Tgt Ion:152 Resp: 869152
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 13.3 10.8 16.2





#49

Dimethylphthalate

Concen: 52.34 ng

RT: 9.10 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Instrument :

BNA_F

ClientSampleId :

OWS-1MS

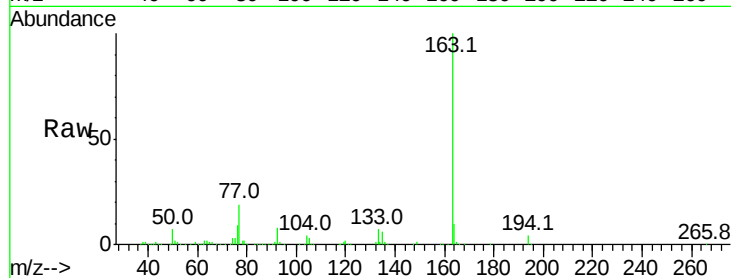
Tot Ion:163 Resp: 706982

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

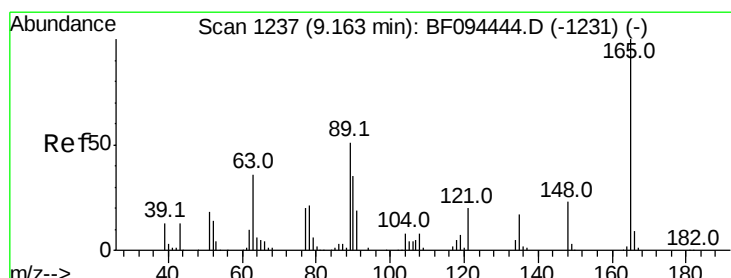
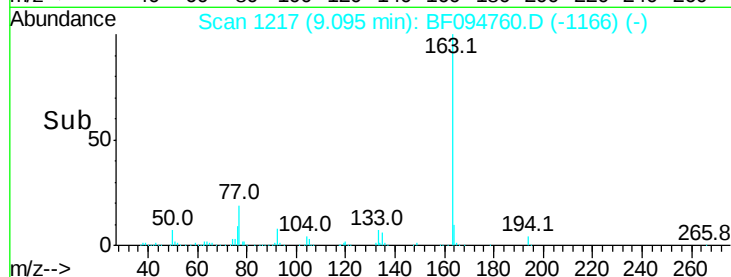
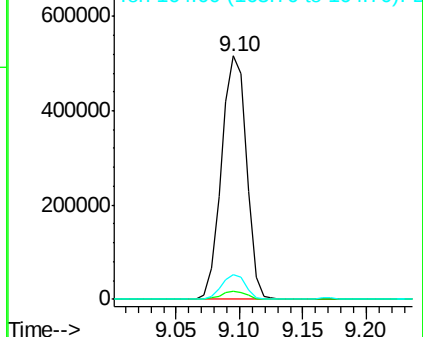
164 10.1 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 47.89 ng

RT: 9.17 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

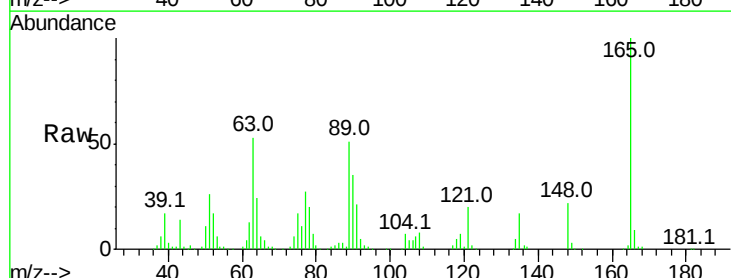
Tgt Ion:165 Resp: 145214

Ion Ratio Lower Upper

165 100

63 53.4 34.3 51.5#

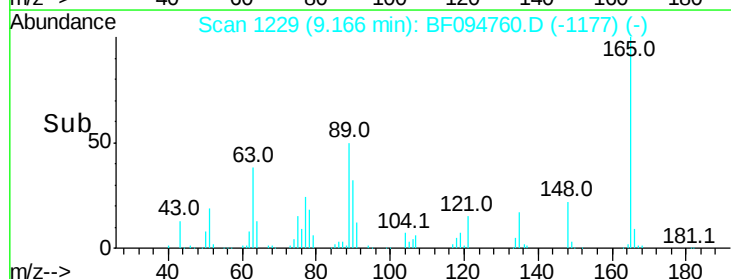
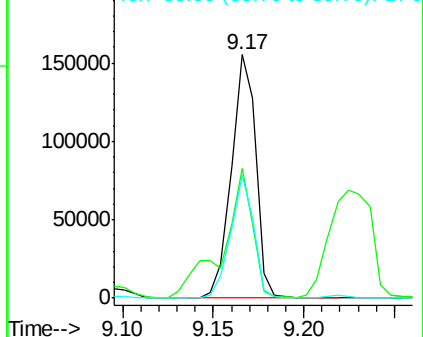
89 50.7 37.1 55.7

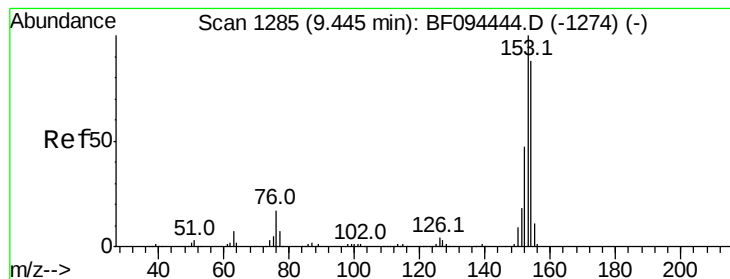


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.23 ng

RT: 9.44 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Instrument :

BNA_F

ClientSampleId :

OWS-1MS

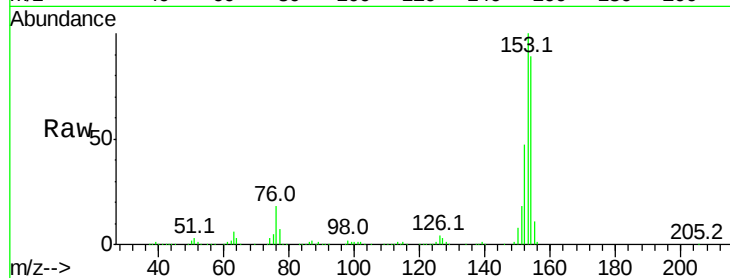
Tot Ion:154 Resp: 508354

Ion Ratio Lower Upper

154 100

153 112.6 90.5 135.7

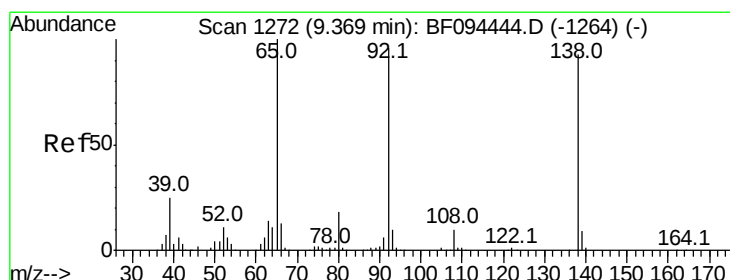
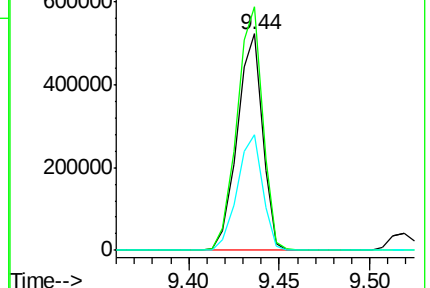
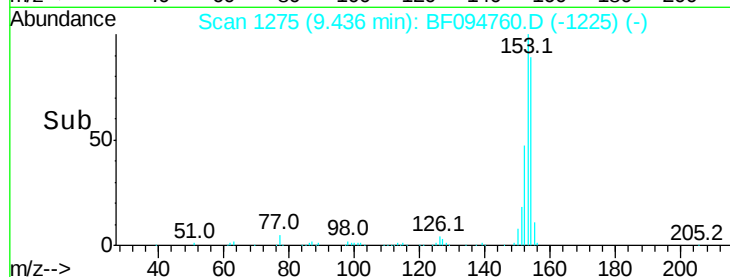
152 53.3 43.6 65.4



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



#52

3-Nitroaniline

Concen: 15.62 ng

RT: 9.38 min Scan# 1265

Delta R.T. 0.01 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

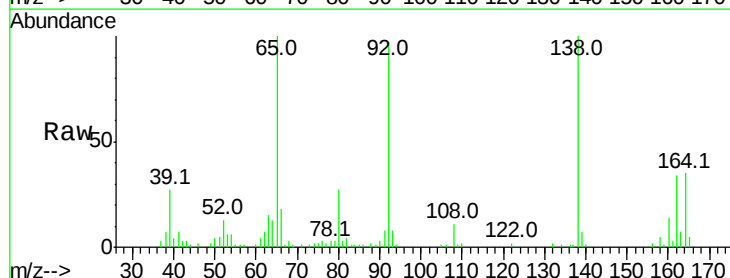
Tgt Ion:138 Resp: 54812

Ion Ratio Lower Upper

138 100

108 11.4 9.1 13.7

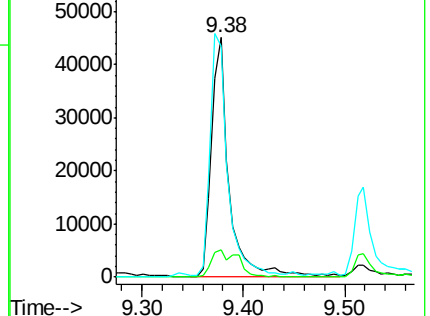
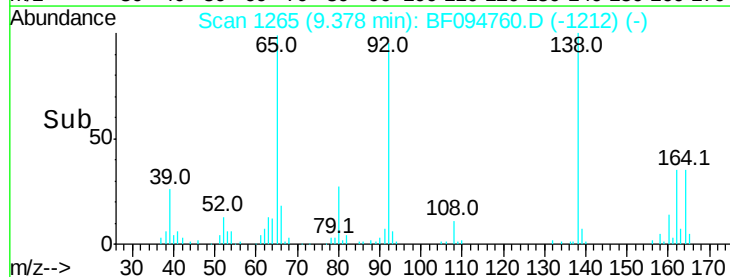
92 96.6 93.8 140.6

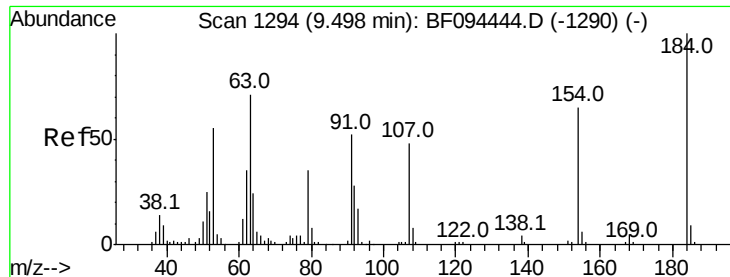


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

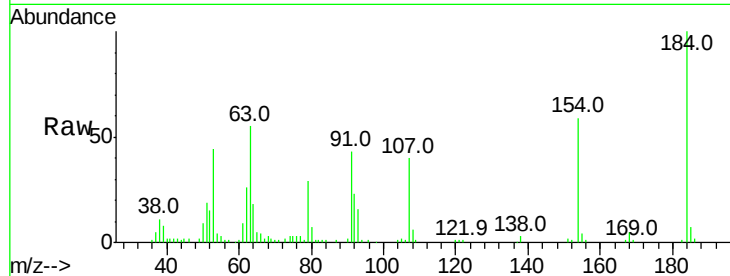




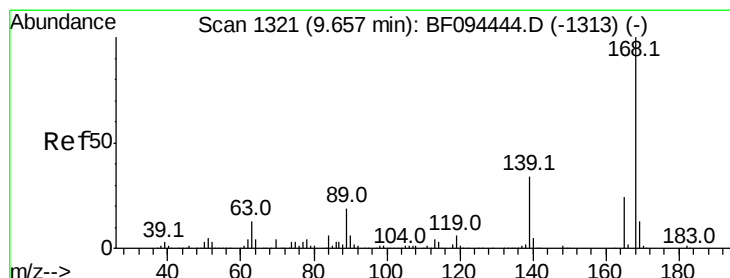
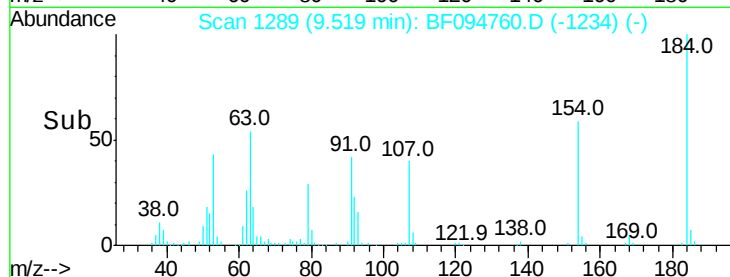
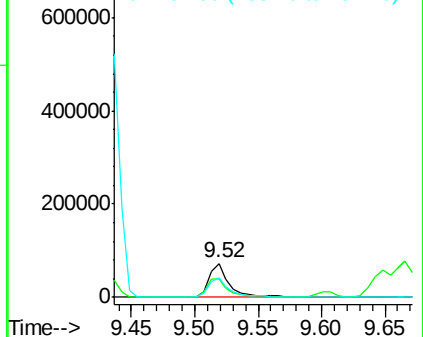
#53
 2,4-Dinitrophenol
 Concen: 53.88 ng
 RT: 9.52 min Scan# 1289
 Delta R.T. 0.02 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

Instrument :
 BNA_F
 ClientSampleId :
 OWS-1MS

Tot Ion:184 Resp: 85320
 Ion Ratio Lower Upper
 184 100
 63 54.7 62.7 94.1#
 154 58.9 81.1 121.7#

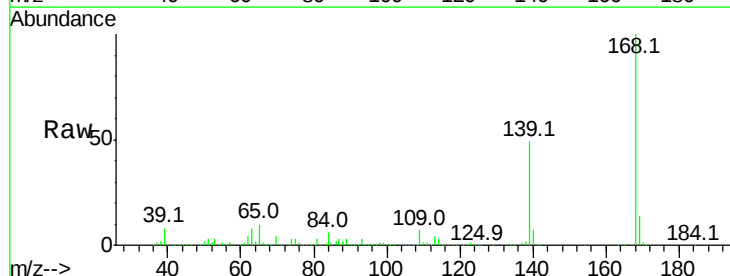


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

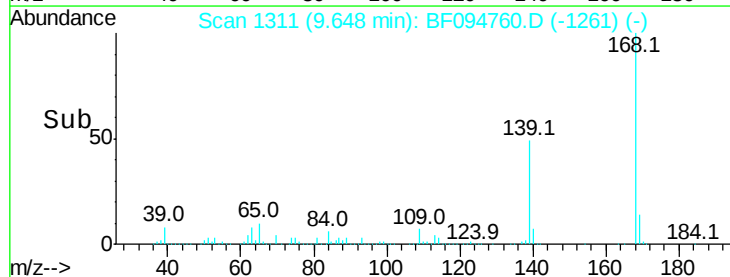
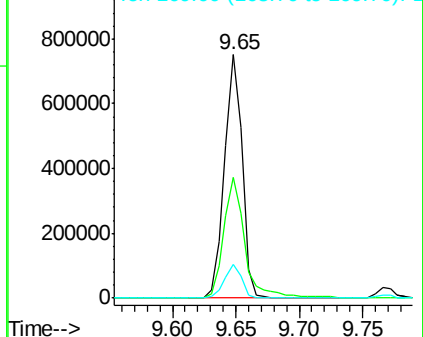


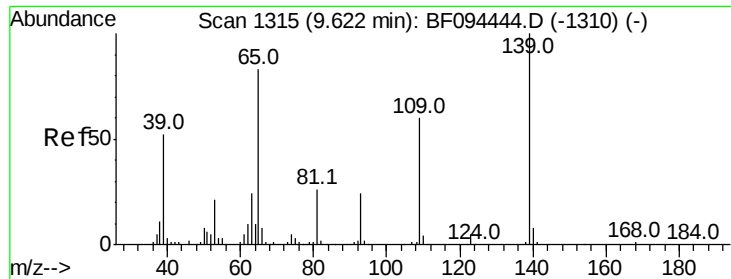
#54
 Dibenzofuran
 Concen: 45.61 ng
 RT: 9.65 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

Tgt Ion:168 Resp: 728842
 Ion Ratio Lower Upper
 168 100
 139 49.4 30.6 45.8#
 169 13.6 10.8 16.2



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

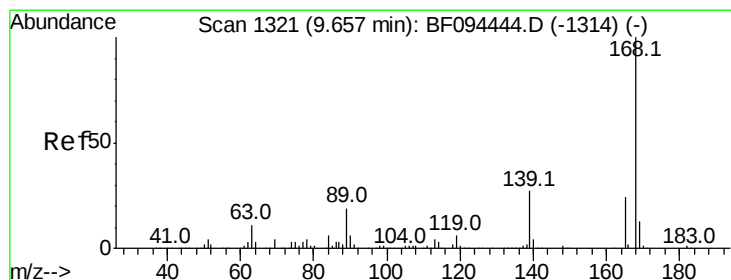
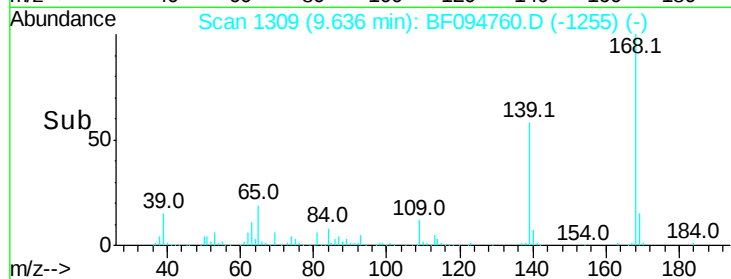
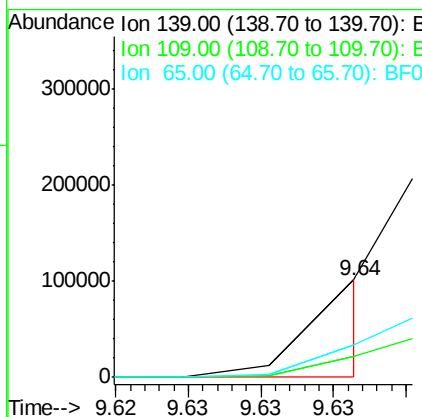
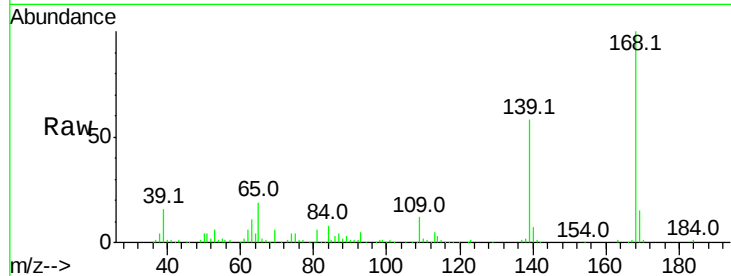




#55
4-Nitrophenol
Concen: 16.20 ng/mL
RT: 9.64 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

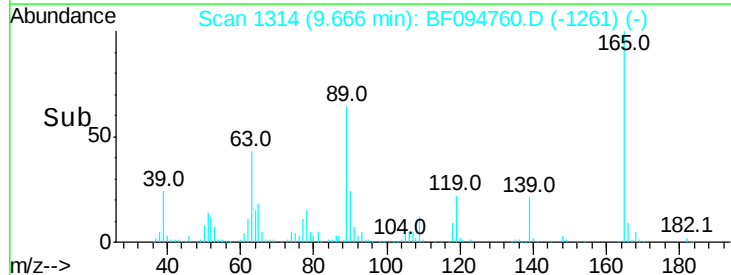
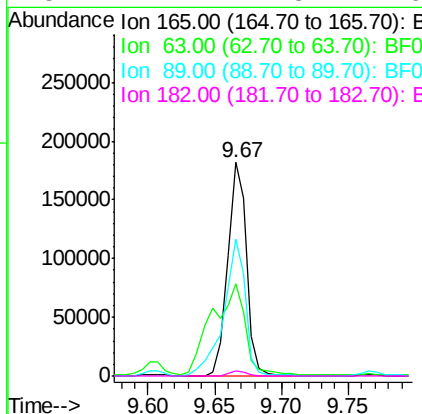
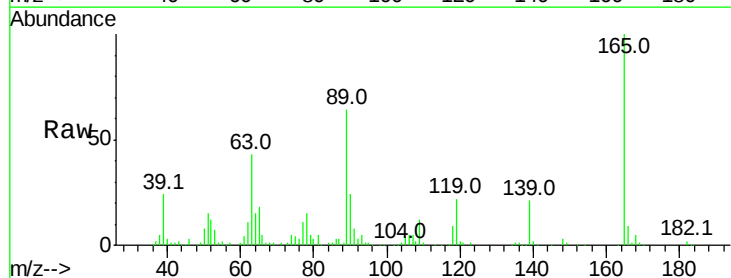
Instrument :
BNA_F
ClientSampleId :
OWS-1MS

Tot Ion:139 Resp: 40157
Ion Ratio Lower Upper
139 100
109 21.0 34.1 74.1#
65 32.6 31.4 71.4



#56
2,4-Dinitrotoluene
Concen: 48.76 ng/mL
RT: 9.67 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

Tgt Ion:165 Resp: 181390
Ion Ratio Lower Upper
165 100
63 43.2 25.4 38.0#
89 64.2 46.4 69.6
182 2.4 1.8 2.6

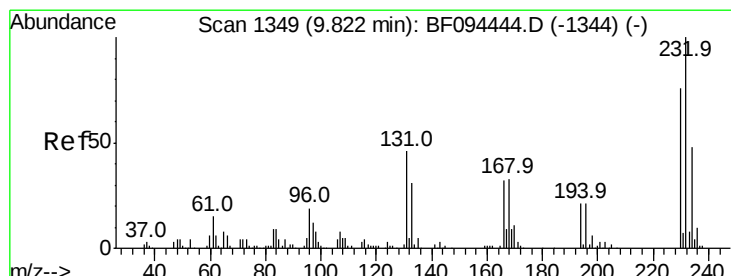
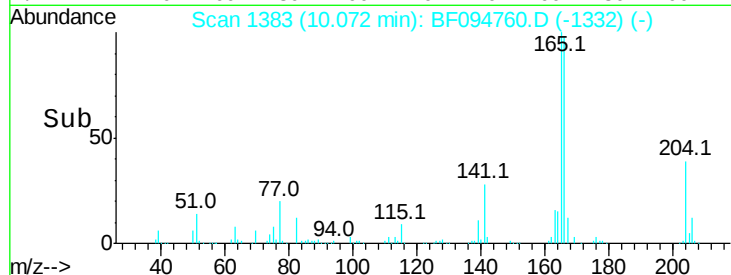
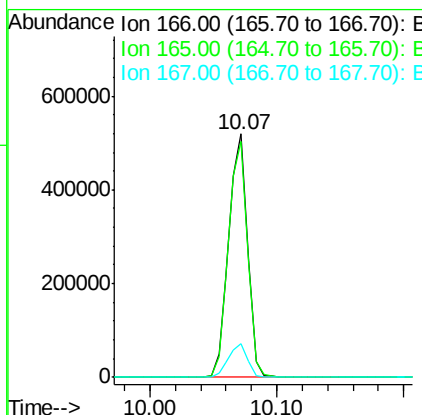
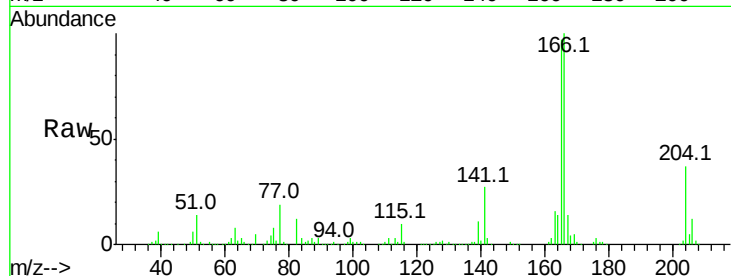




#57
Fluorene
 Concen: 42.60 ng
 RT: 10.07 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

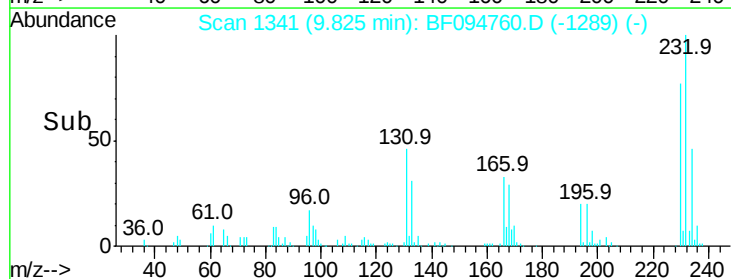
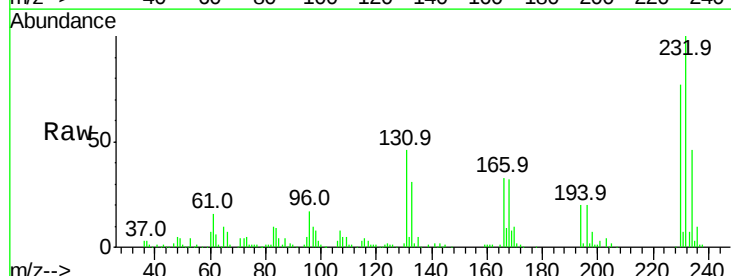
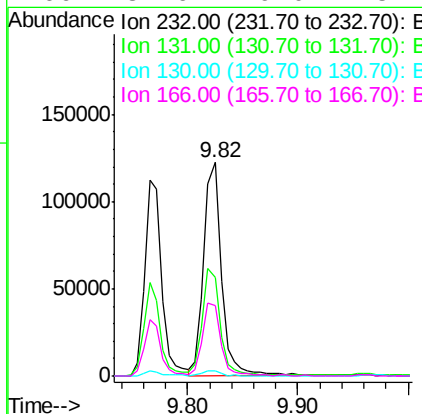
Instrument :
 BNA_F
 ClientSampleId :
 OWS-1MS

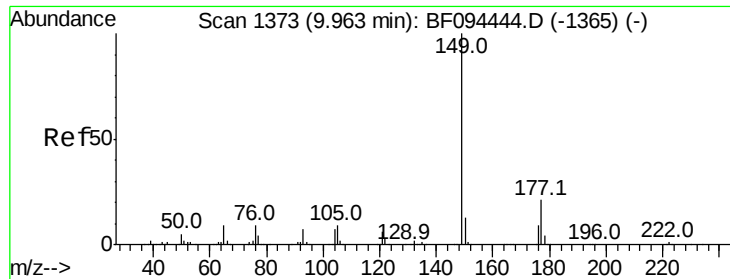
Tot Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.8	118.2
167	13.7	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 50.11 ng
 RT: 9.82 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.1	44.8	67.2
130	2.7	2.3	3.5
166	34.6	29.0	43.4

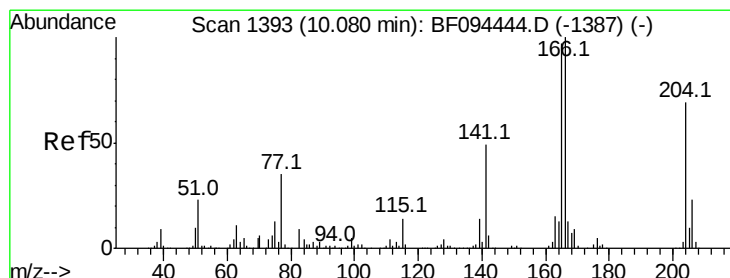
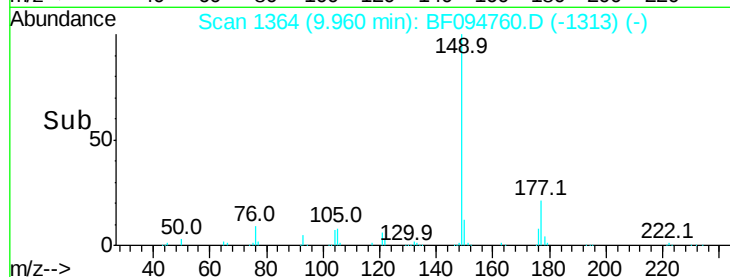
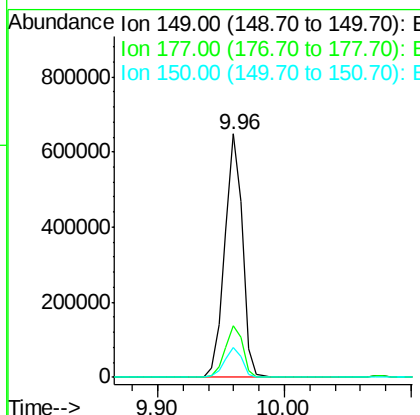
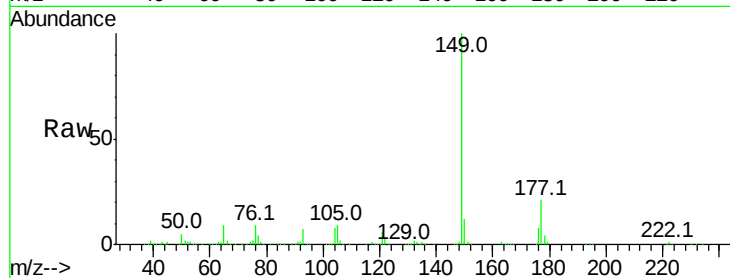




#59
Diethylphthalate
Concen: 48.98 ng
RT: 9.96 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

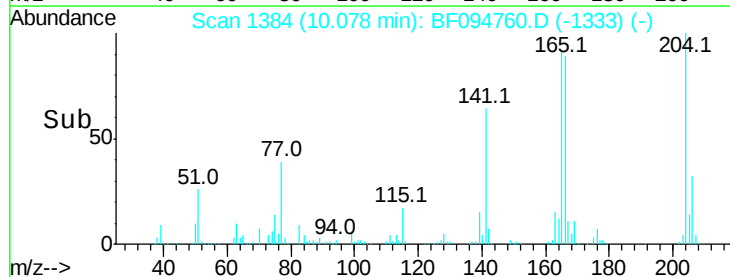
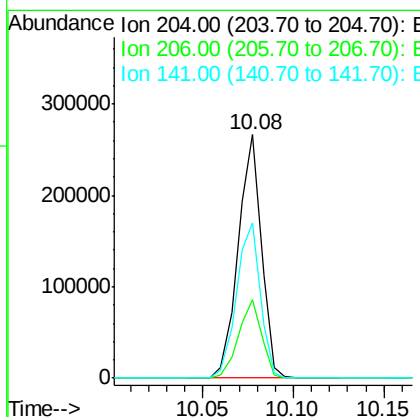
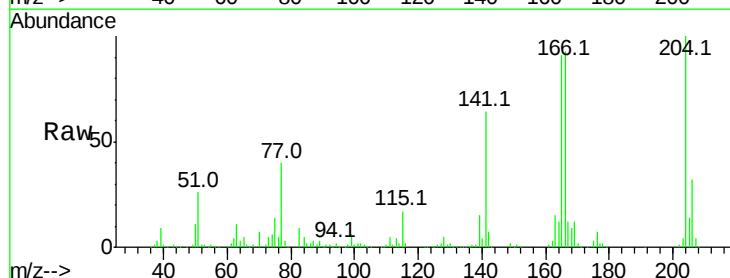
Instrument :
BNA_F
ClientSampleId :
OWS-1MS

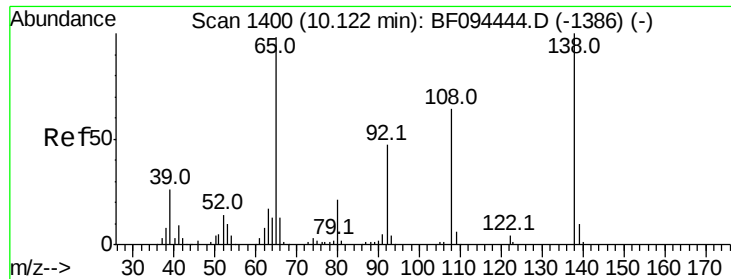
Tot Ion:149 Resp: 624352
Ion Ratio Lower Upper
149 100
177 21.2 16.7 25.1
150 12.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 45.77 ng
RT: 10.08 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

Tgt Ion:204 Resp: 237048
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 64.0 60.8 91.2

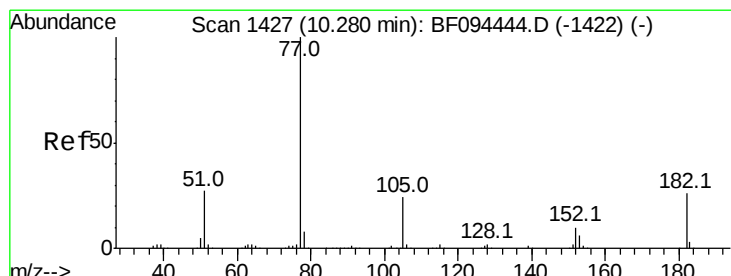
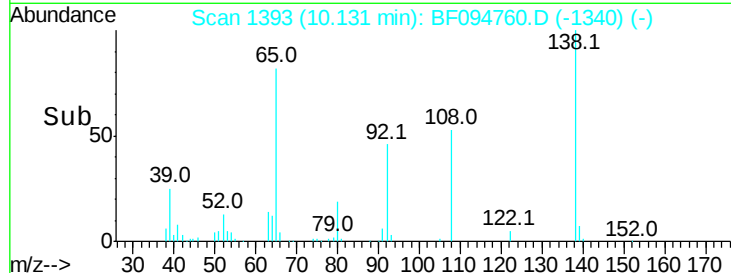
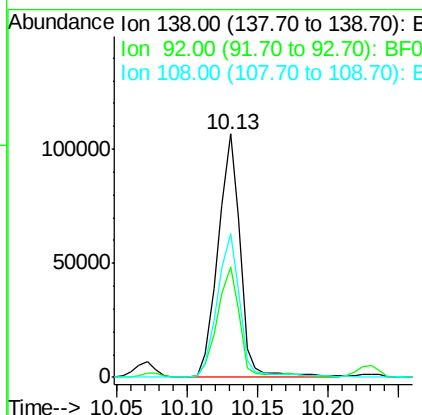
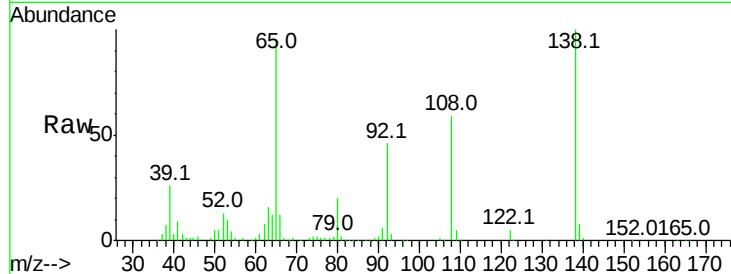




#61
 4-Nitroaniline
 Concen: 32.90 ng
 RT: 10.13 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

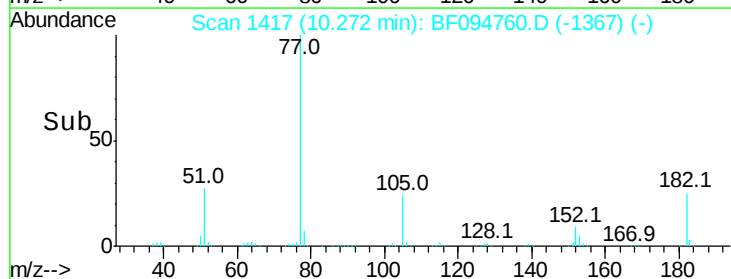
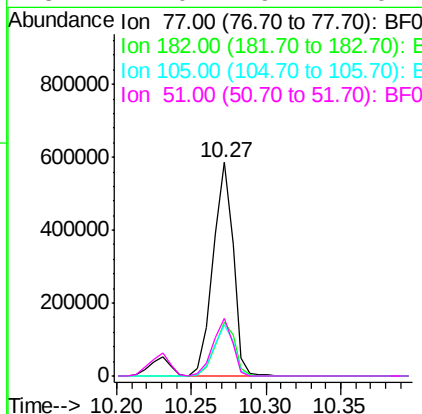
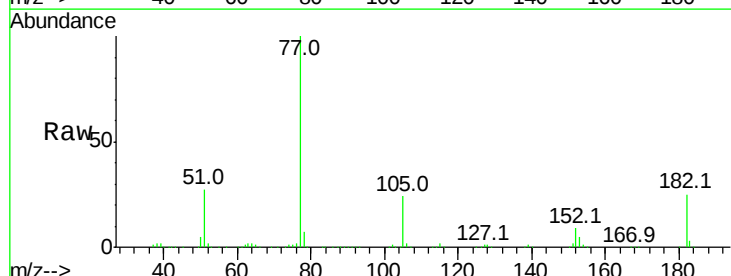
Instrument :
 BNA_F
 ClientSampleId :
 OWS-1MS

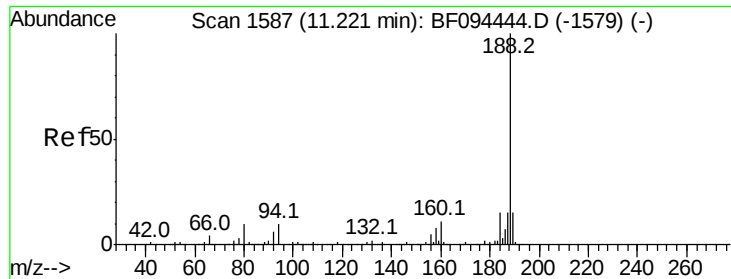
Tot Ion:138 Resp: 117322
 Ion Ratio Lower Upper
 138 100
 92 45.5 21.8 61.8
 108 59.1 42.3 82.3



#62
 Azobenzene
 Concen: 44.18 ng
 RT: 10.27 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

Tgt Ion: 77 Resp: 546790
 Ion Ratio Lower Upper
 77 100
 182 25.0 0.1 40.1
 105 23.9 3.6 43.6
 51 27.0 9.4 49.4

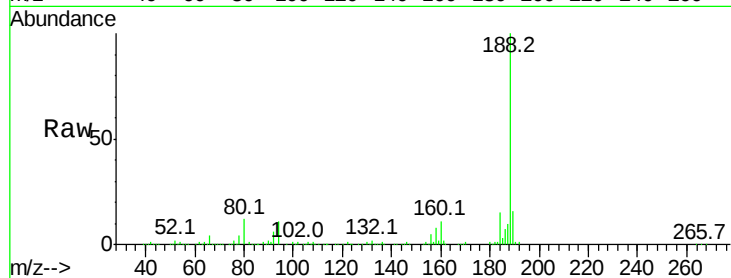




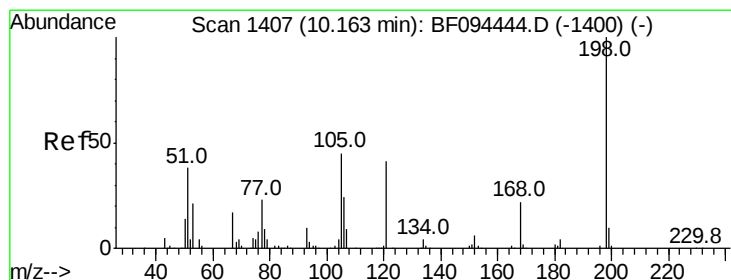
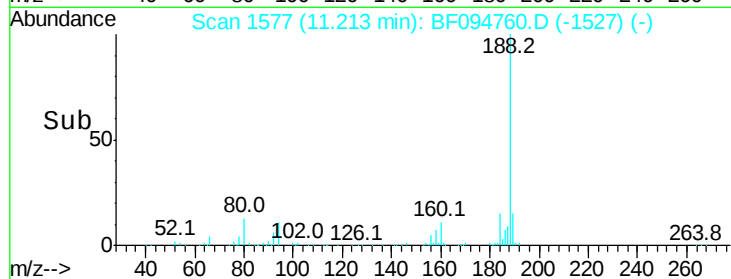
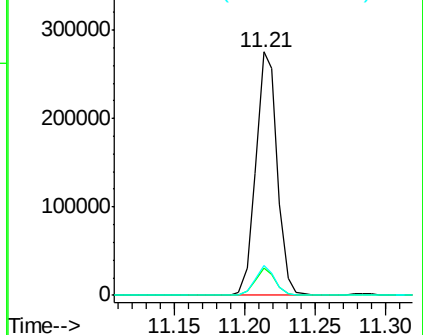
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

Instrument :
BNA_F
ClientSampleId :
OWS-1MS

Tot Ion:188 Resp: 295609
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 12.5 10.2 15.2

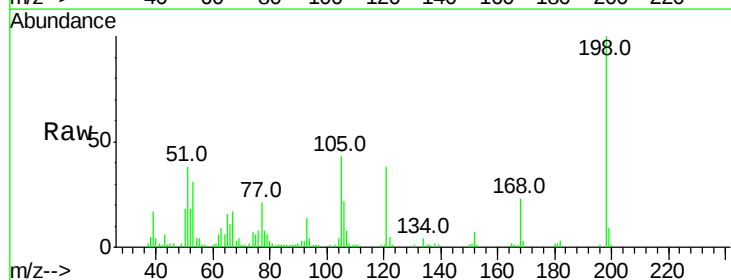


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

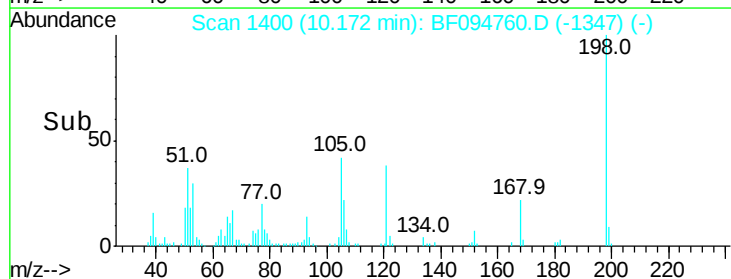
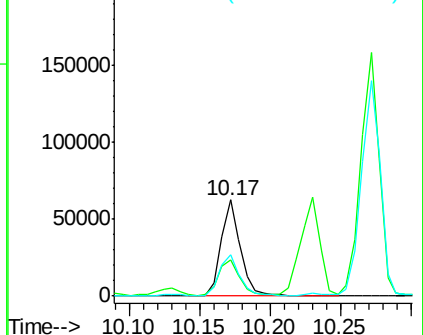


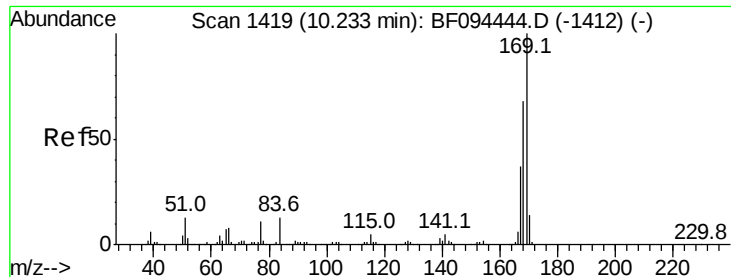
#64
4,6-Dinitro-2-methylphenol
Concen: 30.84 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

Tgt Ion:198 Resp: 59725
Ion Ratio Lower Upper
198 100
51 37.7 53.2 93.2#
105 42.7 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

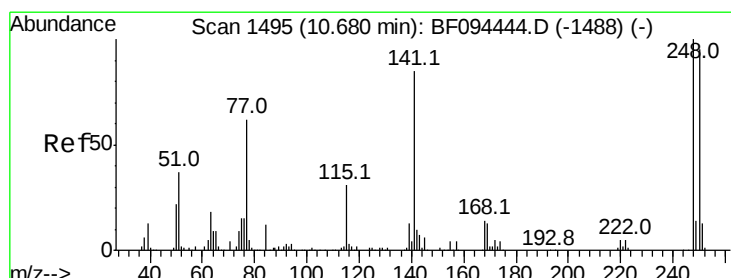
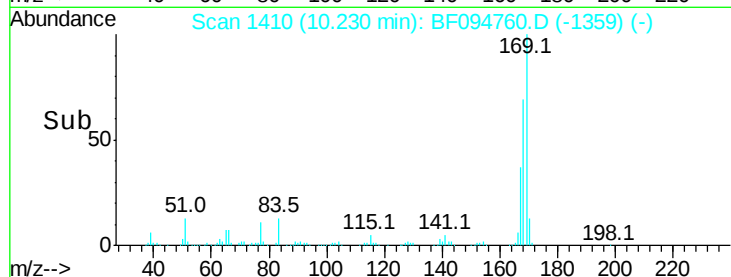
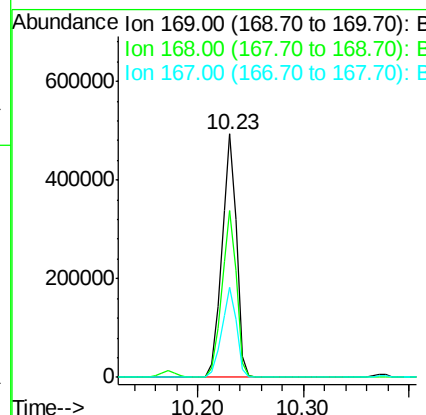
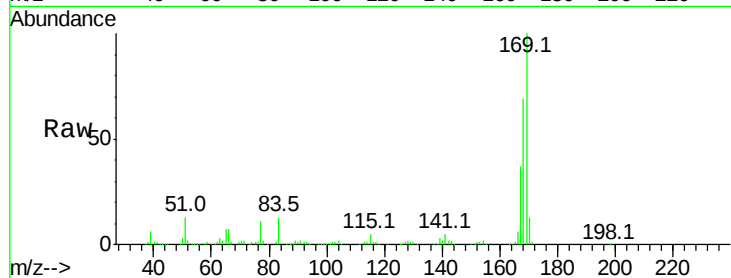




#65
n-Nitrosodiphenylamine
Concen: 47.43 ng
RT: 10.23 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

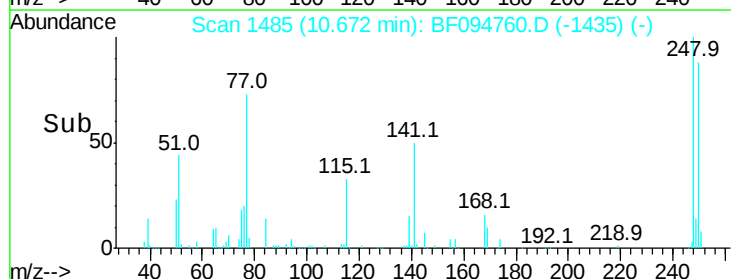
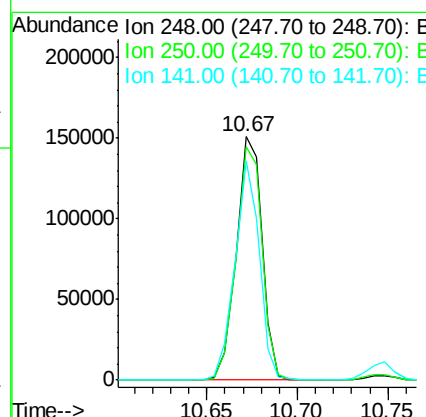
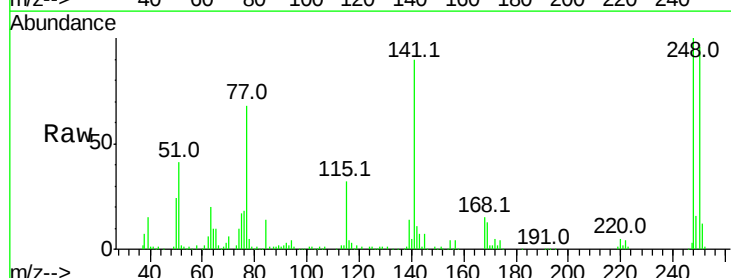
Instrument :
BNA_F
ClientSampleId :
OWS-1MS

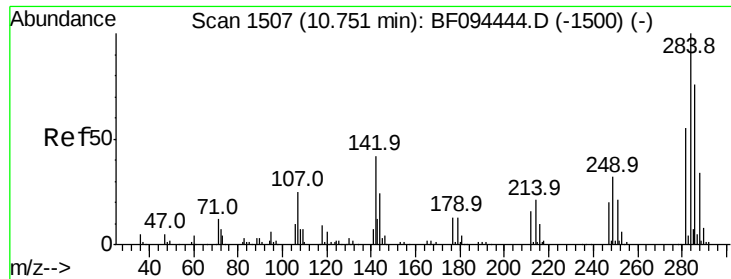
Tot Ion:169 Resp: 487593
Ion Ratio Lower Upper
169 100
168 68.6 53.2 79.8
167 37.2 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 50.88 ng
RT: 10.67 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

Tgt Ion:248 Resp: 149361
Ion Ratio Lower Upper
248 100
250 96.1 76.8 115.2
141 90.1 68.6 103.0

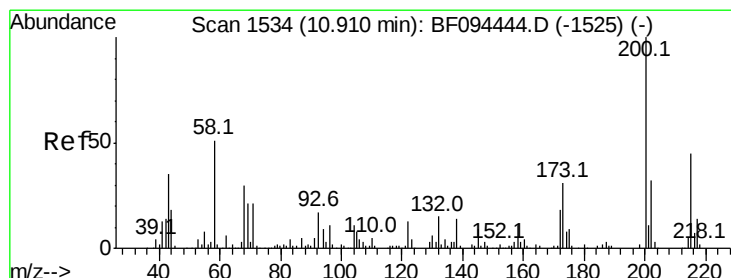
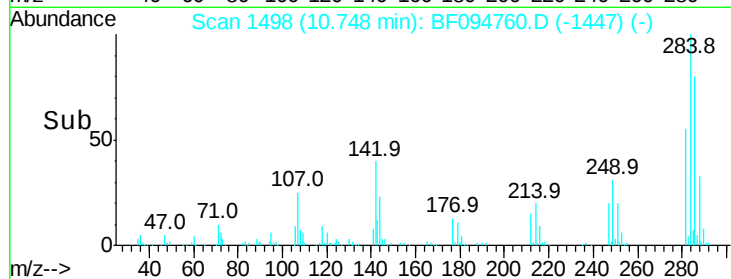
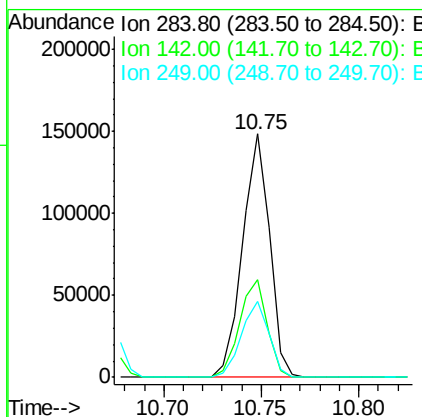
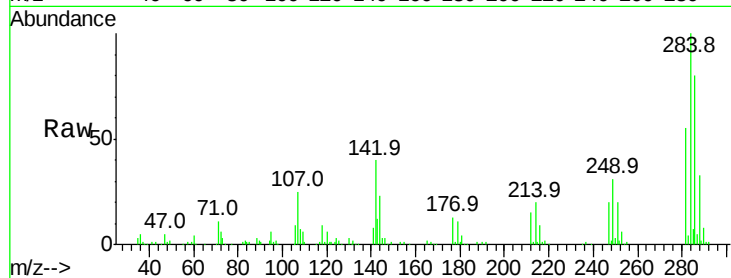




#67
Hexachlorobenzene
Concen: 48.26 ng
RT: 10.75 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

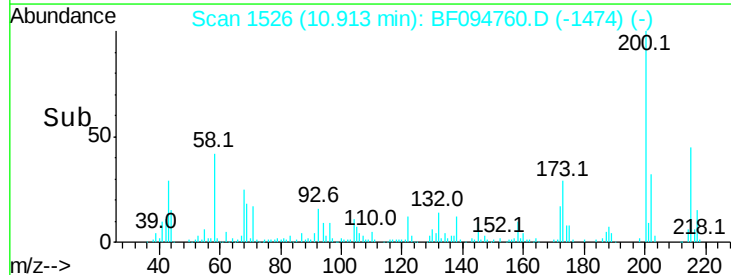
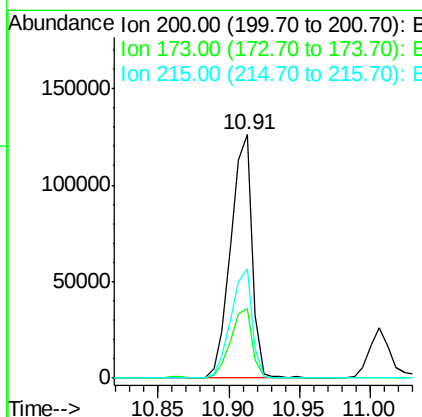
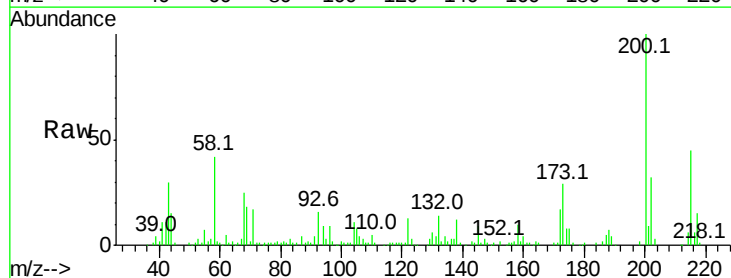
Instrument :
BNA_F
ClientSampleId :
OWS-1MS

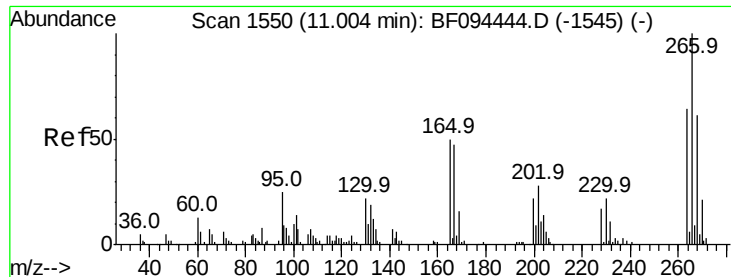
Tot Ion	Ratio	Lower	Upper
284	100		
142	40.3	22.8	34.2#
249	31.1	24.0	36.0



#68
Atrazine
Concen: 43.22 ng
RT: 10.91 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.7	6.3	46.3
215	45.0	27.2	67.2

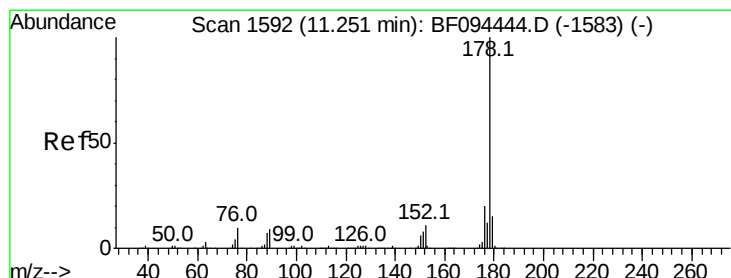
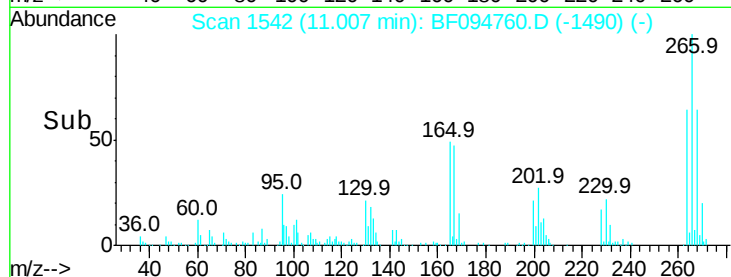
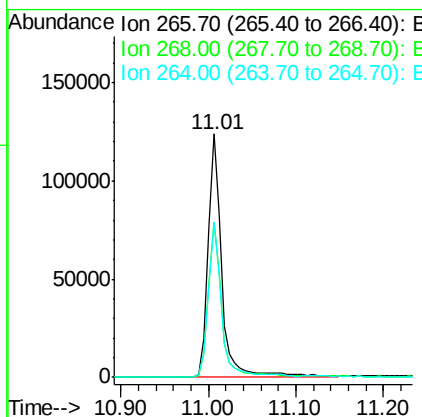
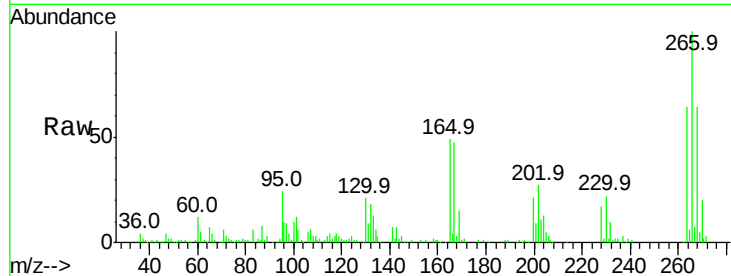




#69
 Pentachlorophenol
 Concen: 116.92 ng
 RT: 11.01 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

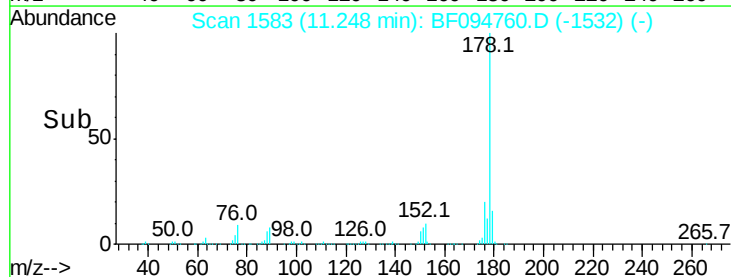
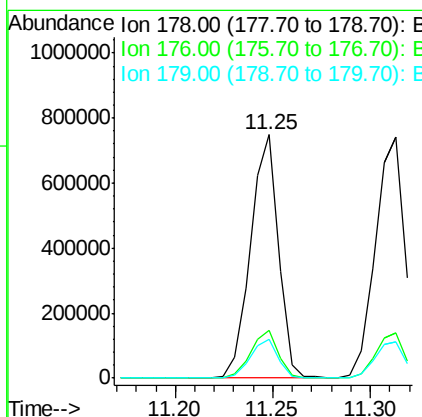
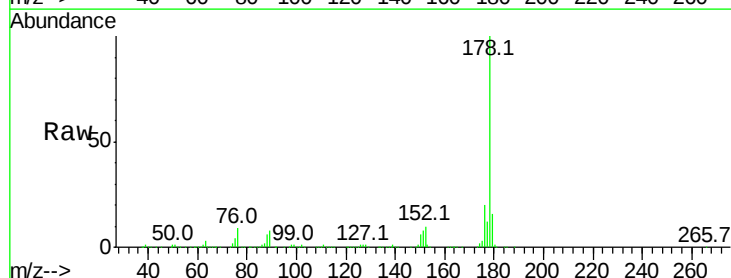
Instrument :
 BNA_F
 ClientSampleId :
 OWS-1MS

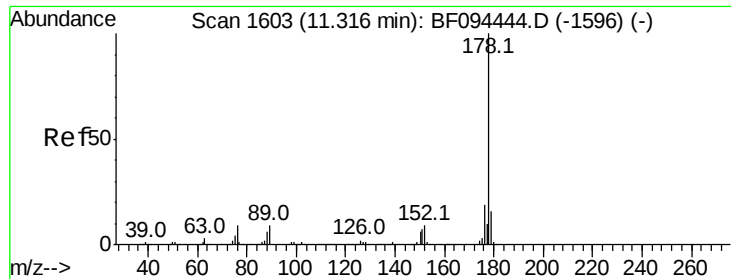
Tot Ion:266 Resp: 137329
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.1 76.7
 264 63.6 51.7 77.5



#70
 Phenanthrene
 Concen: 44.56 ng
 RT: 11.25 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

Tgt Ion:178 Resp: 741762
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.2 24.4
 179 15.7 12.6 19.0

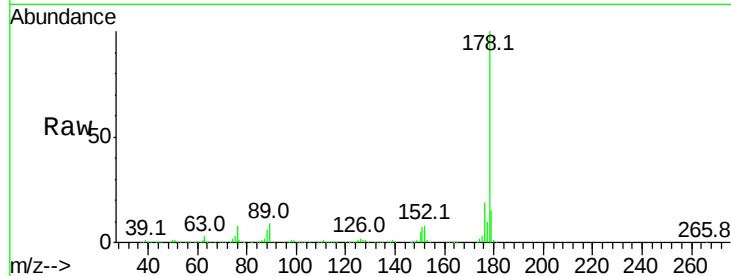




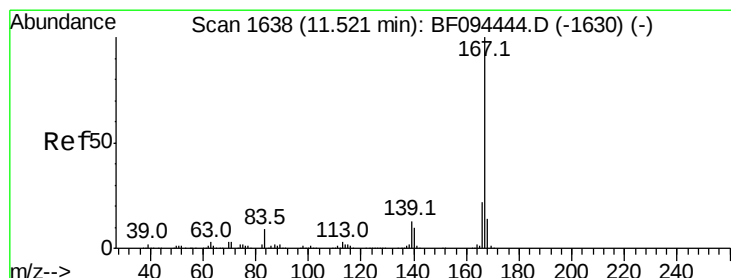
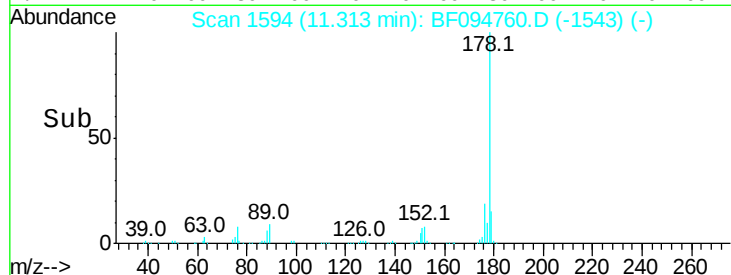
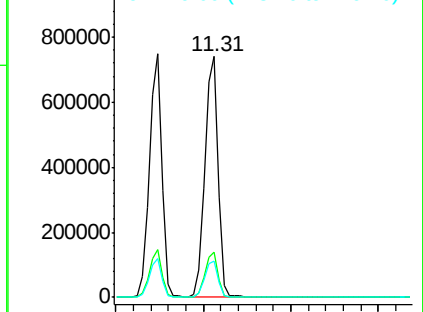
#71
 Anthracene
 Concen: 45.15 ng
 RT: 11.31 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

Instrument :
 BNA_F
 ClientSampleId :
 OWS-1MS

Tot Ion:178 Resp: 777374
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 14.8 12.7 19.1

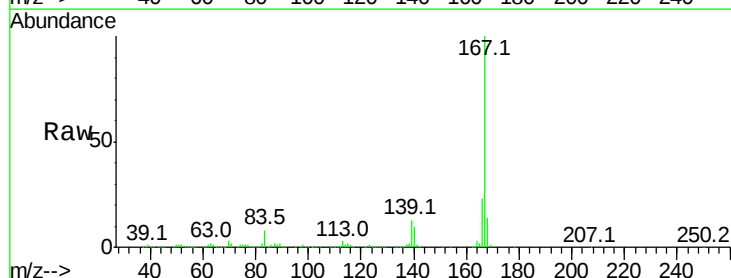


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

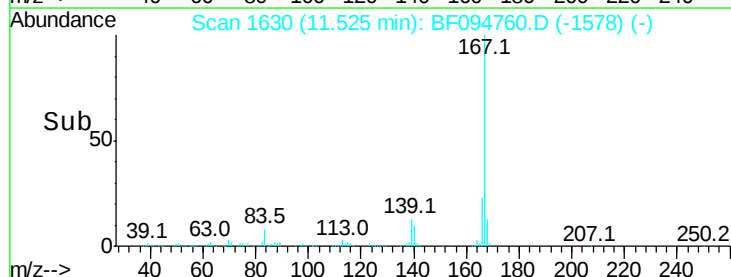
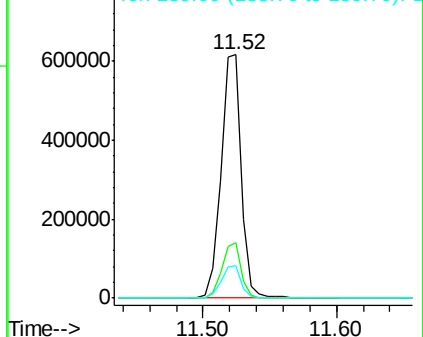


#72
 Carbazole
 Concen: 40.75 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

Tgt Ion:167 Resp: 658530
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.1 27.1
 139 13.2 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 53.37 ng

RT: 11.97 min Scan# 1705

Delta R.T. -0.01 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Instrument :

BNA_F

ClientSampleId :

OWS-1MS

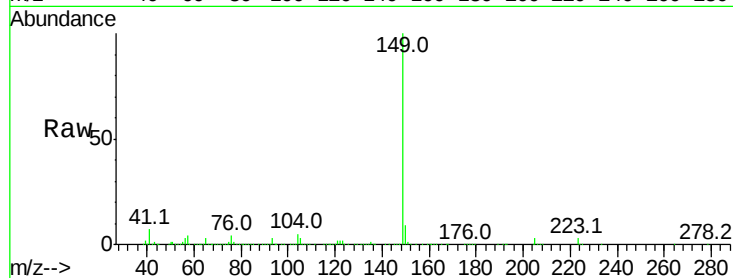
Tot Ion:149 Resp: 949761

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

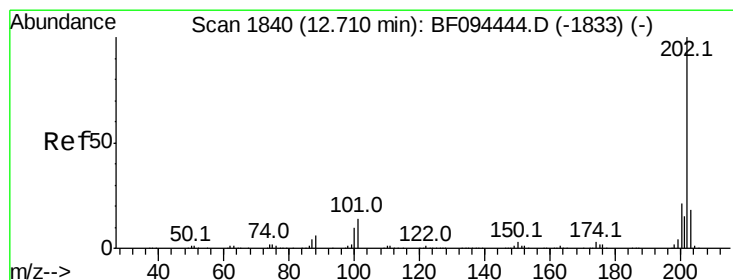
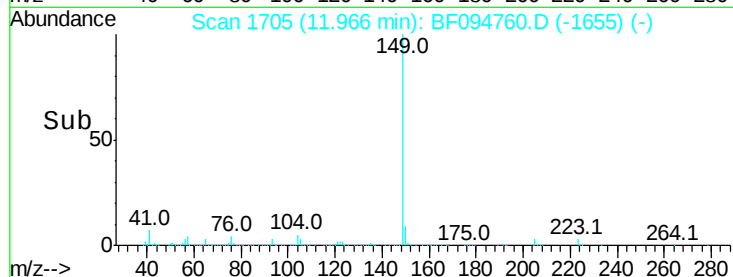
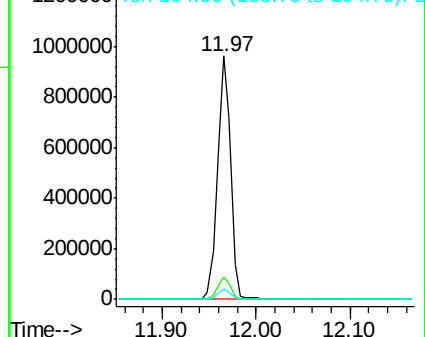
104 4.5 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.45 ng

RT: 12.71 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

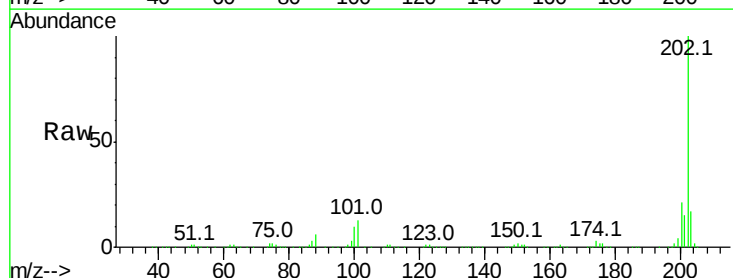
Tgt Ion:202 Resp: 680565

Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.2

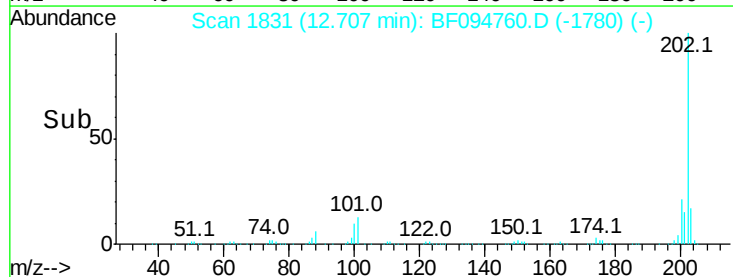
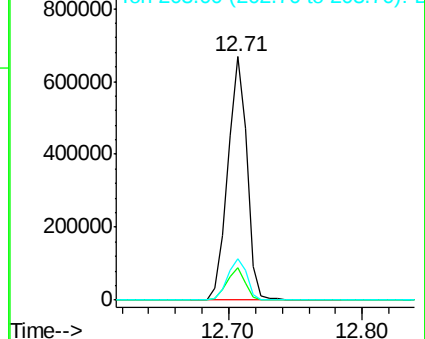
203 17.1 0.0 38.1

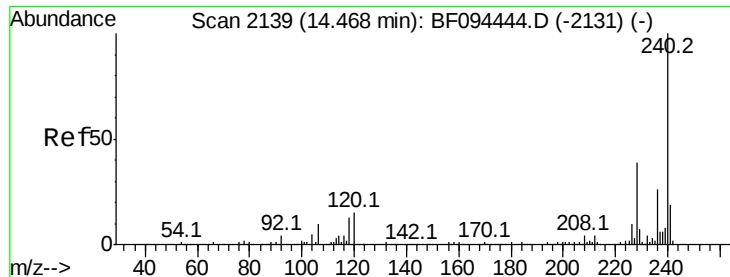


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Instrument :

BNA_F

ClientSampled :

OVS-1MS

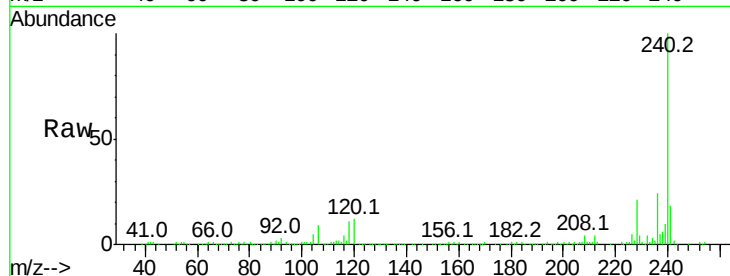
Tot Ion:240 Resp: 207817

Ion Ratio Lower Upper

240 100

120 12.2 5.8 8.8#

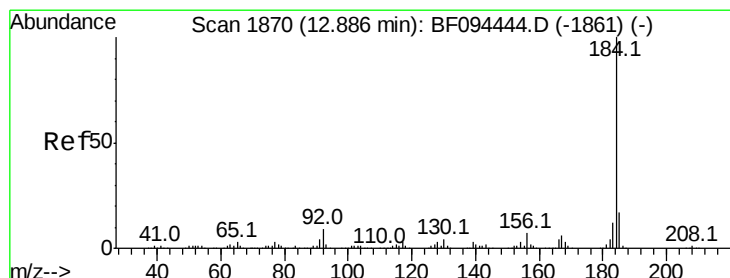
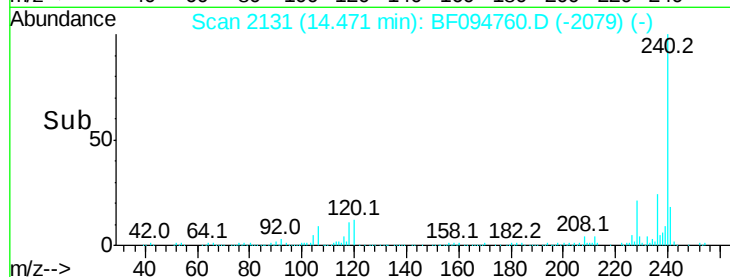
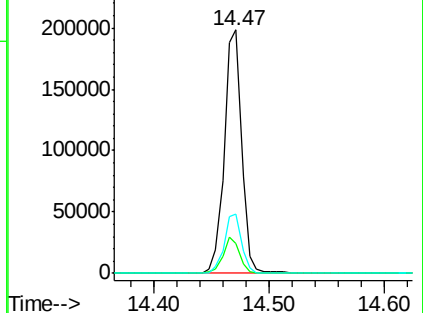
236 24.5 20.5 30.7



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



#76

Benzidine

Concen: 3.31 ng

RT: 12.90 min Scan# 1863

Delta R.T. 0.01 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

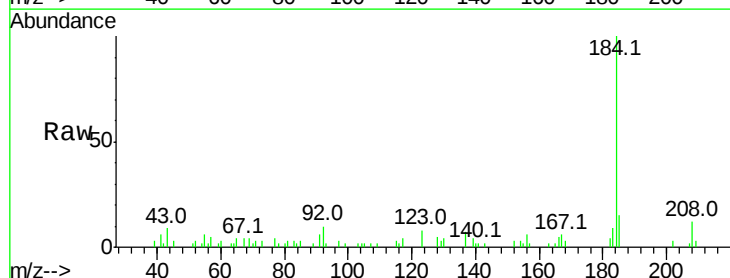
Tgt Ion:184 Resp: 27858

Ion Ratio Lower Upper

184 100

185 15.3 15.5 23.3#

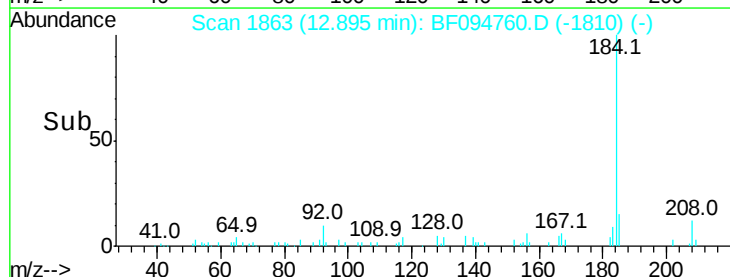
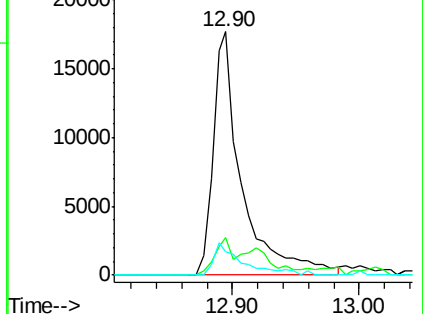
183 9.5 9.8 14.6#

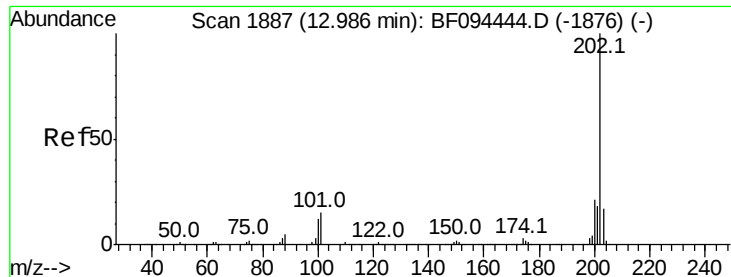


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 44.15 ng

RT: 12.98 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Instrument :

BNA_F

ClientSampleId :

OWS-1MS

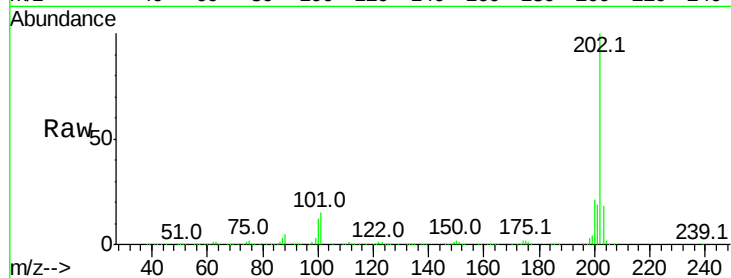
Tot Ion:202 Resp: 641064

Ion Ratio Lower Upper

202 100

200 21.3 17.6 26.4

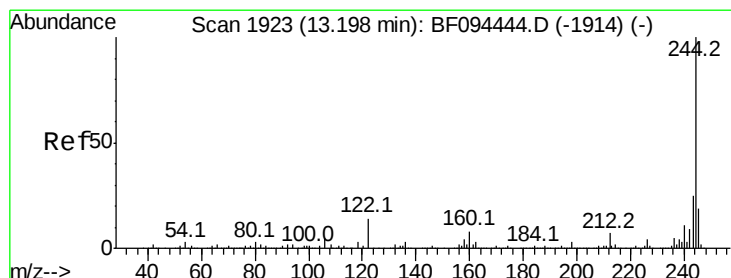
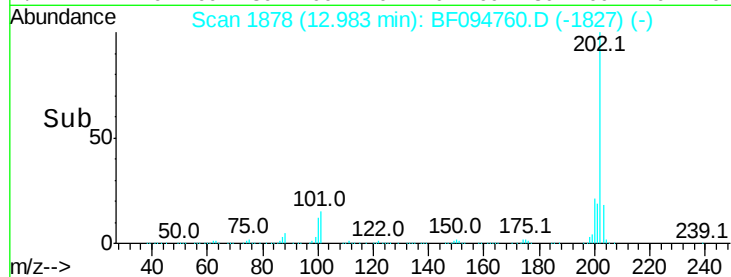
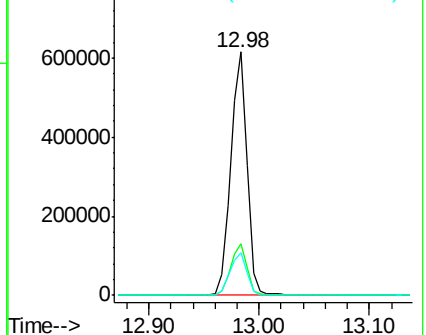
203 17.6 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 94.15 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

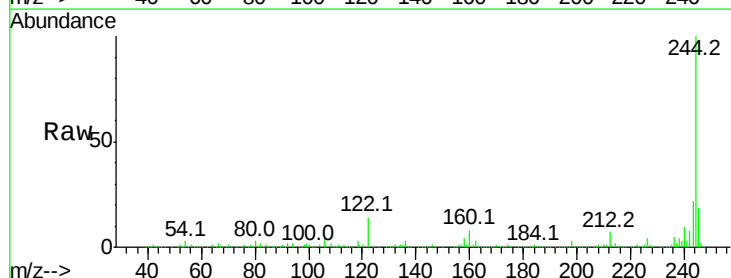
Tgt Ion:244 Resp: 732018

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

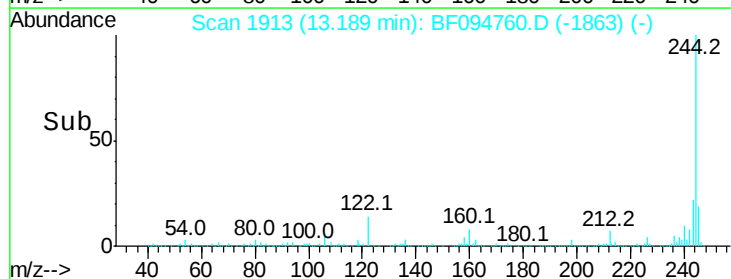
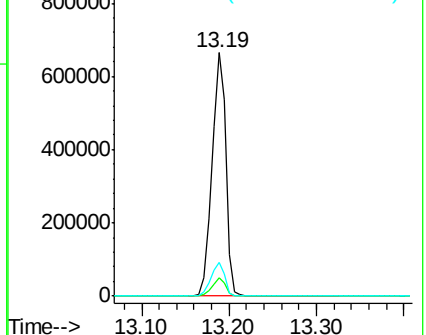
122 14.1 10.3 15.5

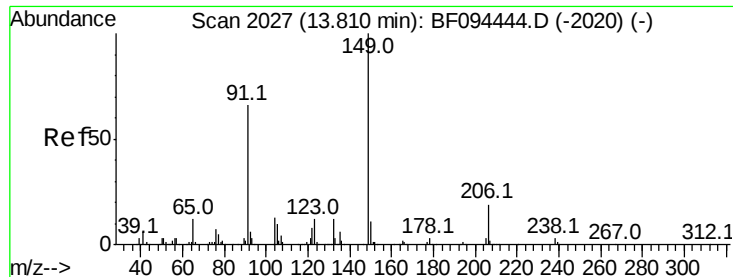


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

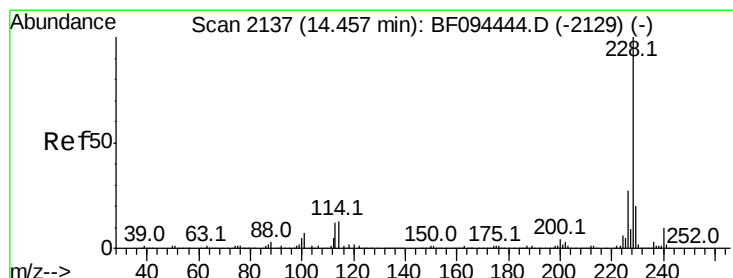
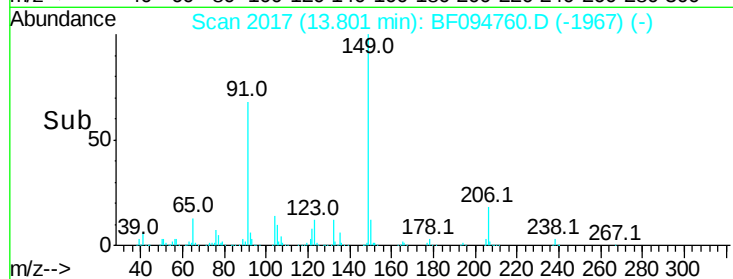
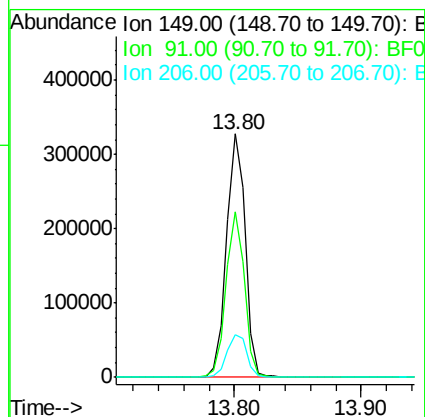
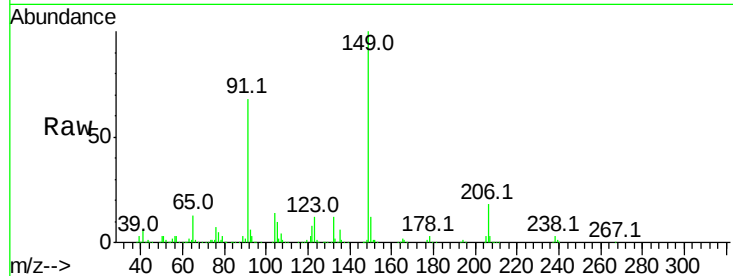




#79
Butylbenzylphthalate
Concen: 53.05 ng
RT: 13.80 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

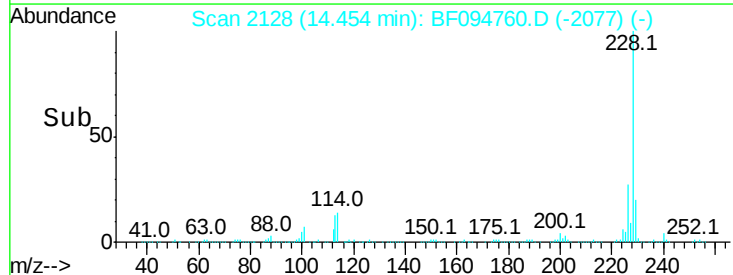
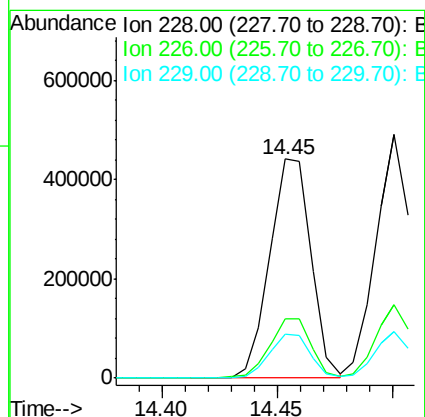
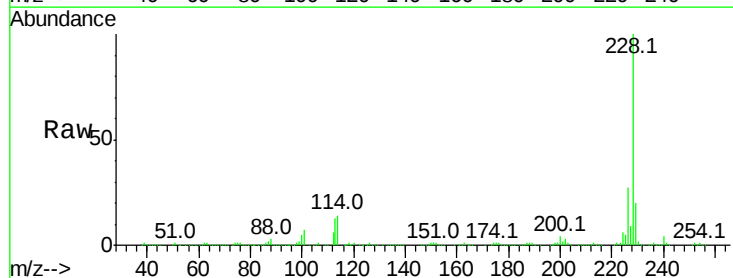
Instrument :
BNA_F
ClientSampleId :
OWS-1MS

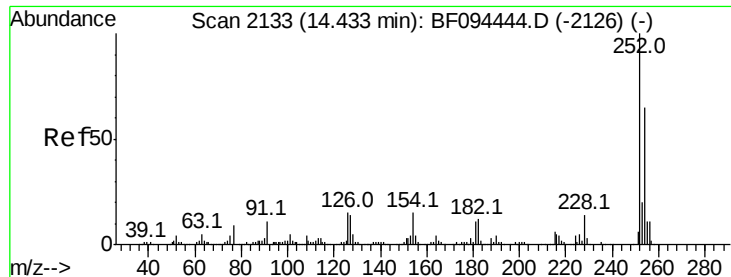
Tot Ion:149 Resp: 337588
Ion Ratio Lower Upper
149 100
91 67.9 45.0 67.4#
206 17.7 17.0 25.6



#80
Benzo(a)anthracene
Concen: 45.23 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

Tgt Ion:228 Resp: 546299
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 20.3 16.3 24.5

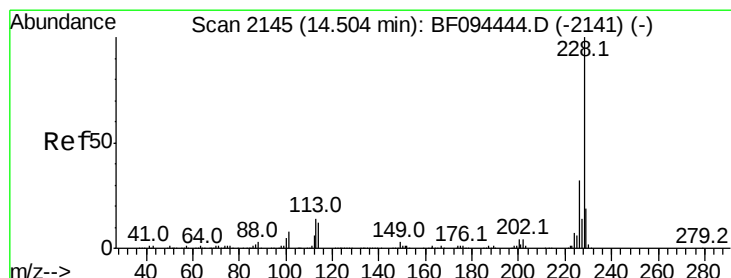
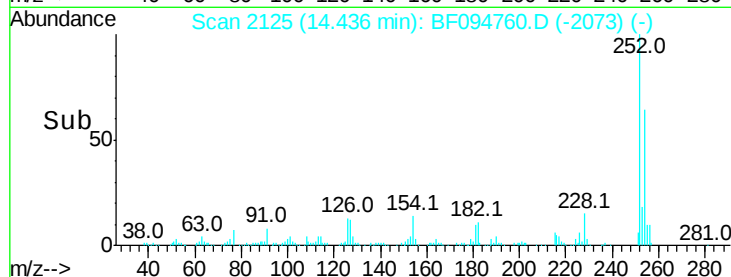
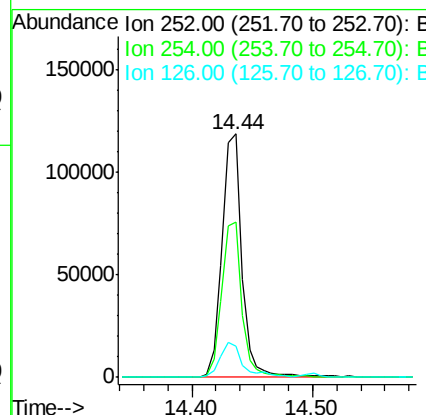
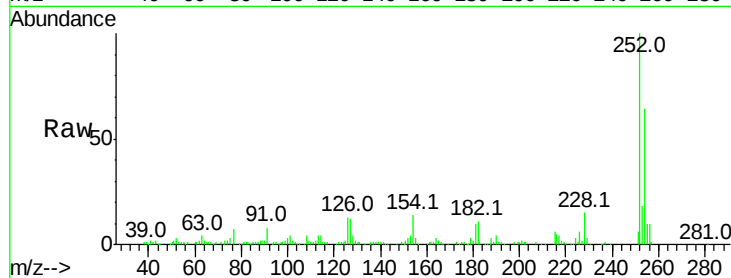




#81
 3,3'-Dichlorobenzidine
 Concen: 31.66 ng
 RT: 14.44 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

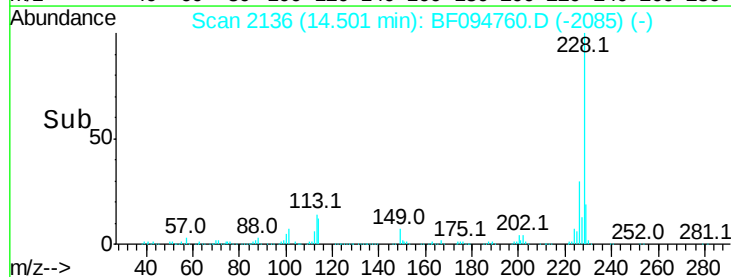
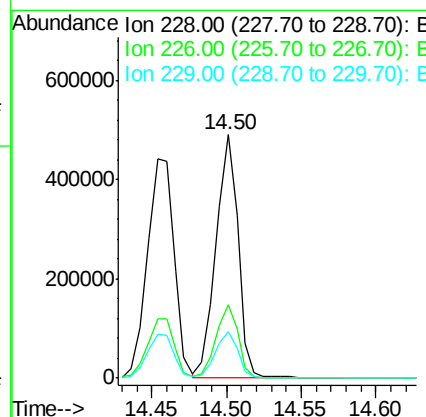
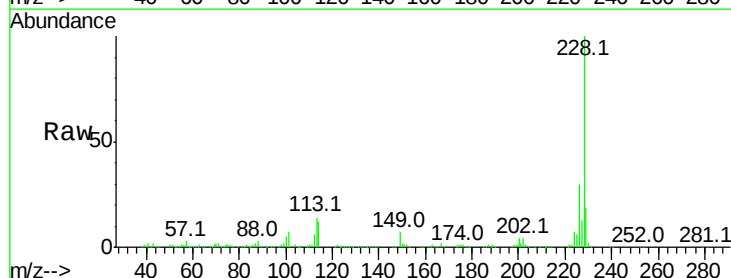
Instrument :
 BNA_F
 ClientSampleId :
 OWS-1MS

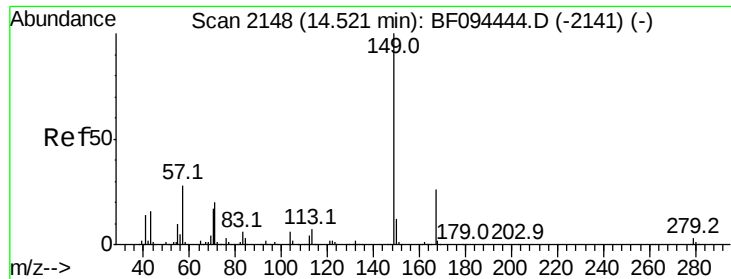
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.5	77.3
126	12.5	15.8	23.8#



#82
 Chrysene
 Concen: 45.90 ng
 RT: 14.50 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	19.2	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 55.56 ng

RT: 14.52 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Instrument :

BNA_F

ClientSampleId :

OVS-1MS

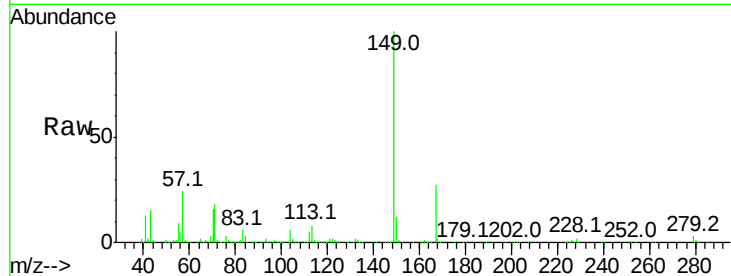
Tot Ion:149 Resp: 474677

Ion Ratio Lower Upper

149 100

167 27.2 21.0 31.4

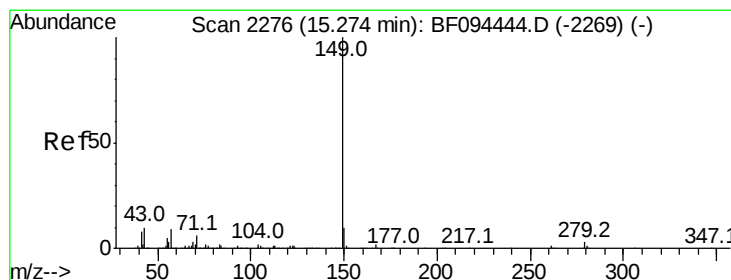
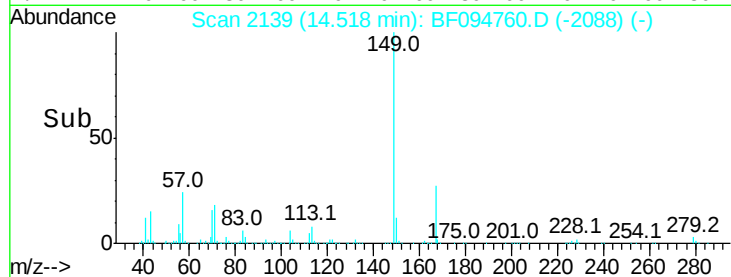
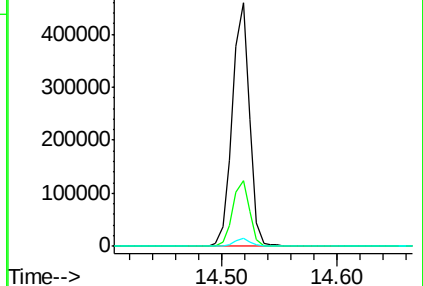
279 3.3 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 54.65 ng

RT: 15.27 min Scan# 2267

Delta R.T. -0.00 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

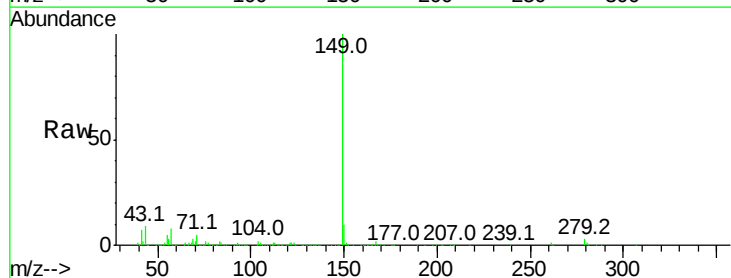
Tgt Ion:149 Resp: 783110

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

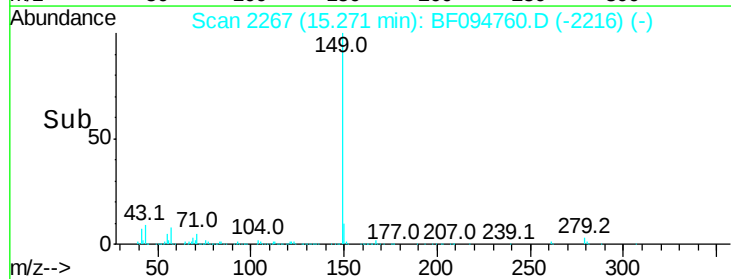
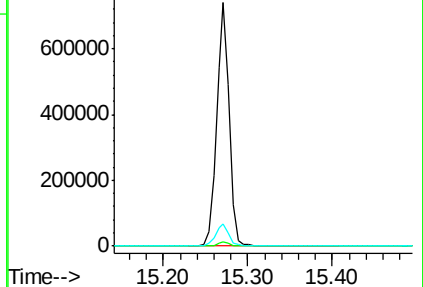
43 9.0 8.5 12.7

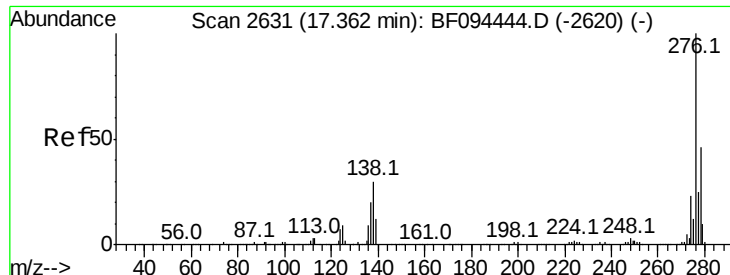


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

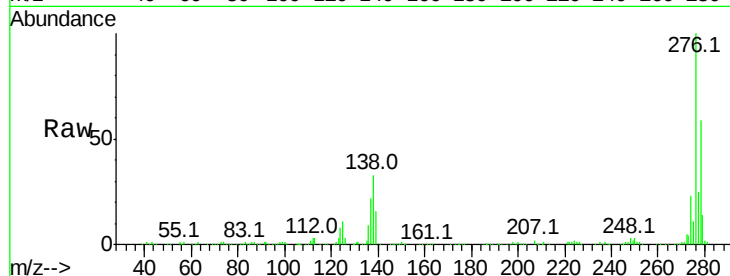




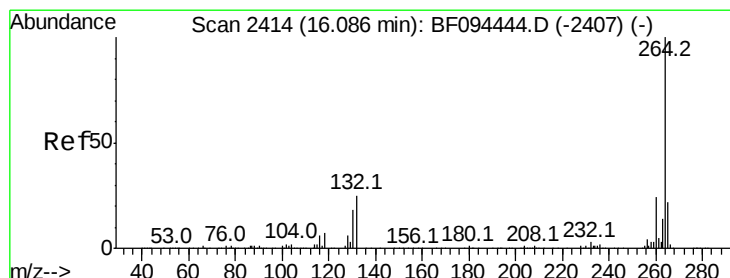
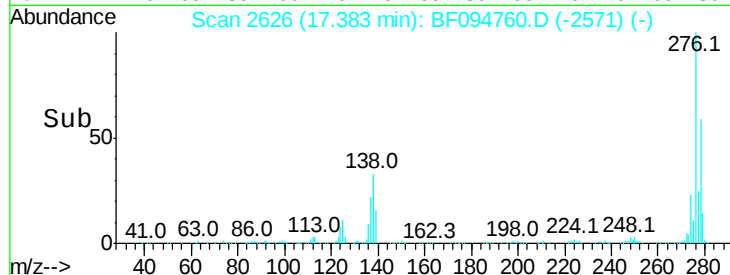
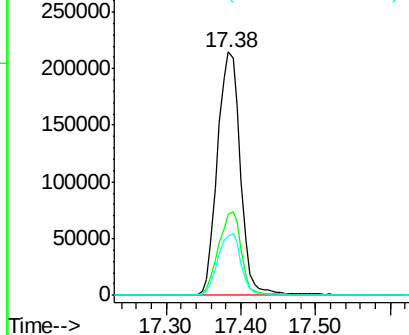
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.99 ng
 RT: 17.38 min Scan# 2626
 Delta R.T. 0.02 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

Instrument :
 BNA_F
 ClientSampleId :
 OWS-1MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.6	27.8	41.6
277	25.7	20.2	30.4

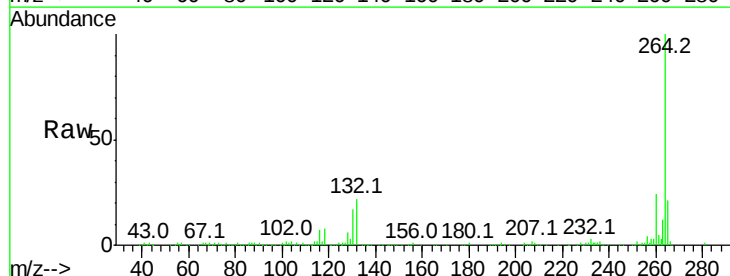


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

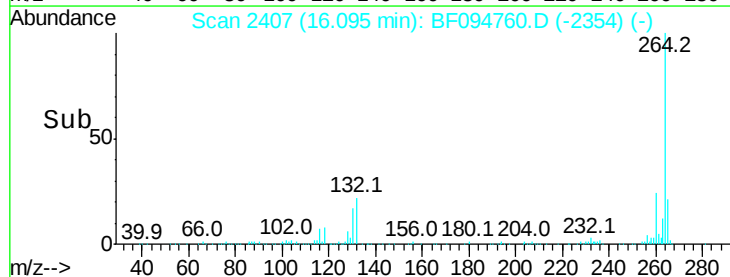
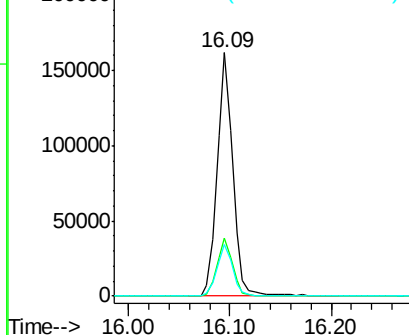


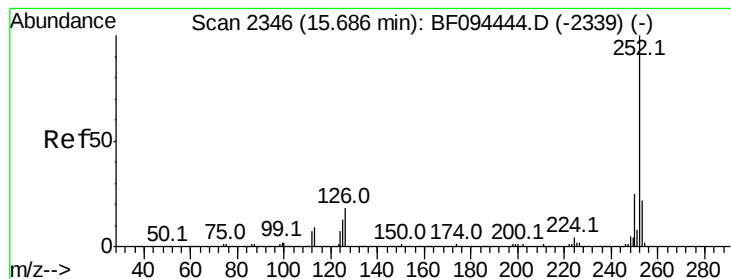
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.3	17.2	25.8



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





#87

Benzo(b)fluoranthene

Concen: 47.40 ng

RT: 15.69 min Scan# 2339

Delta R.T. 0.01 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Instrument :

BNA_F

ClientSampleId :

OWS-1MS

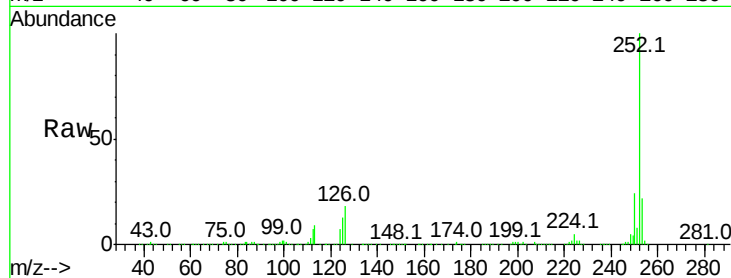
Tot Ion:252 Resp: 504423

Ion Ratio Lower Upper

252 100

253 21.5 18.1 27.1

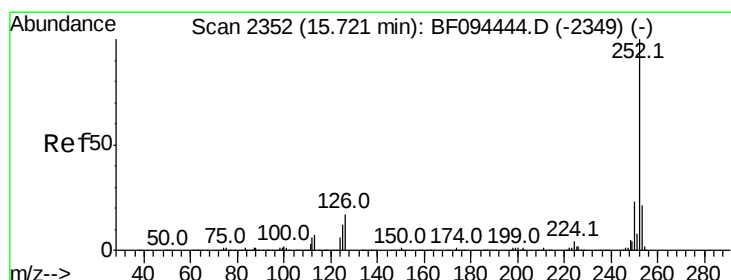
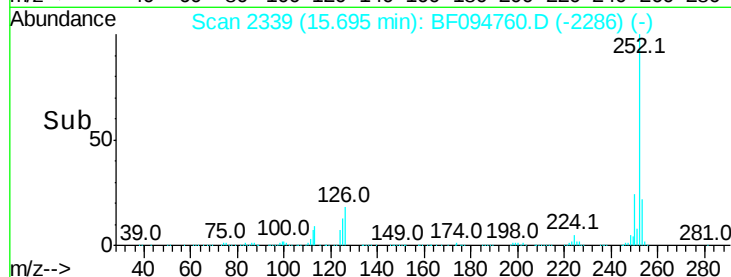
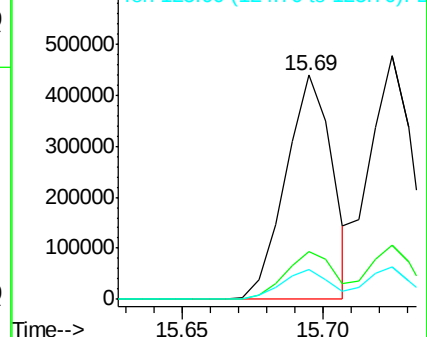
125 13.2 9.8 14.8



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



#88

Benzo(k)fluoranthene

Concen: 50.97 ng m

RT: 15.72 min Scan# 2344

Delta R.T. 0.00 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

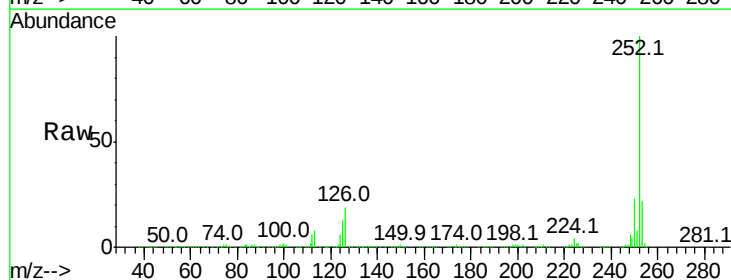
Tgt Ion:252 Resp: 513321

Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

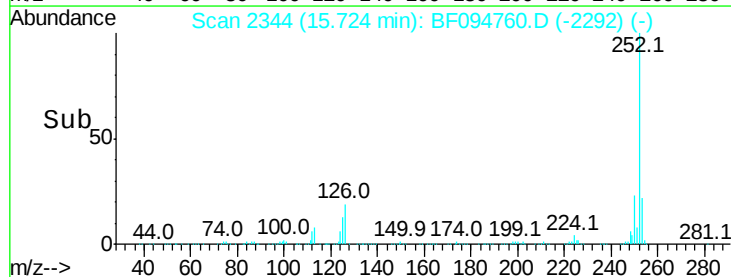
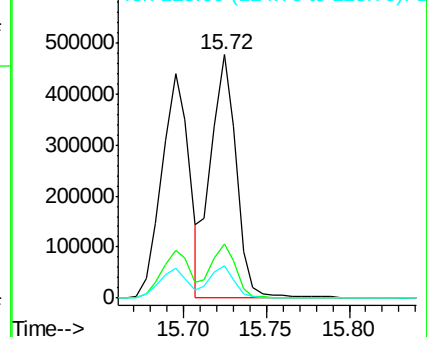
125 13.1 13.1 19.7#

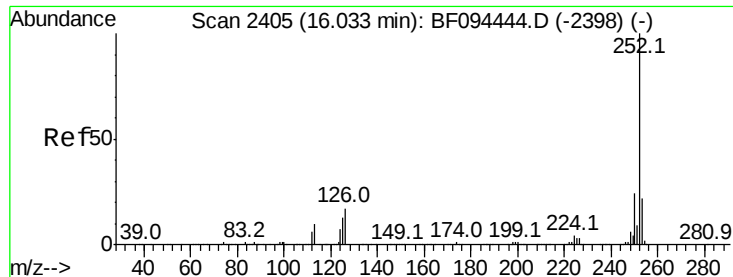


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 45.00 ng

RT: 16.04 min Scan# 2398

Delta R.T. 0.01 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Instrument :

BNA_F

ClientSampleId :

OWS-1MS

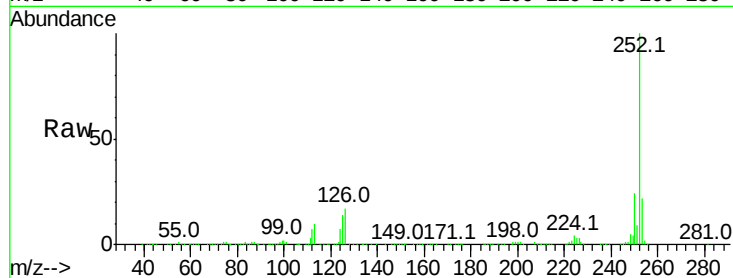
Tot Ion:252 Resp: 445543

Ion Ratio Lower Upper

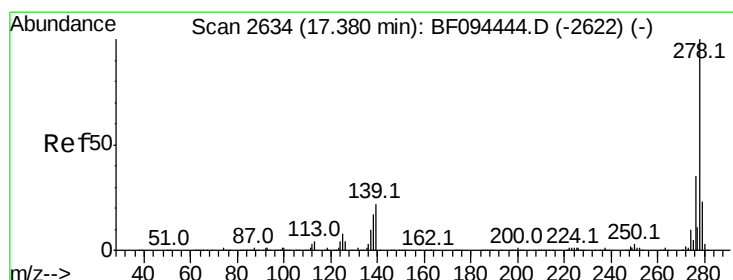
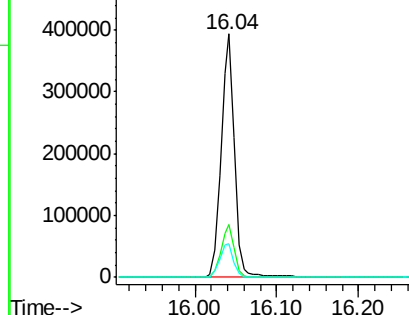
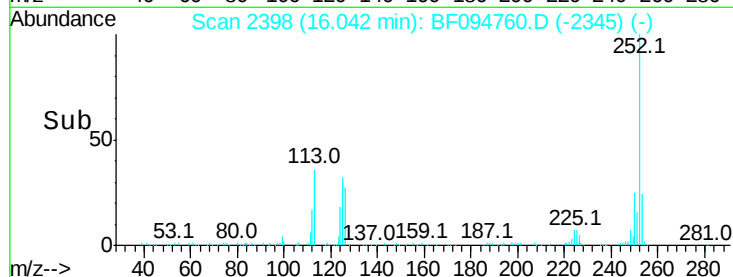
252 100

253 21.9 17.5 26.3

125 13.7 11.0 16.4



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

Dibenzo(a,h)anthracene

Concen: 47.14 ng

RT: 17.39 min Scan# 2628

Delta R.T. 0.01 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

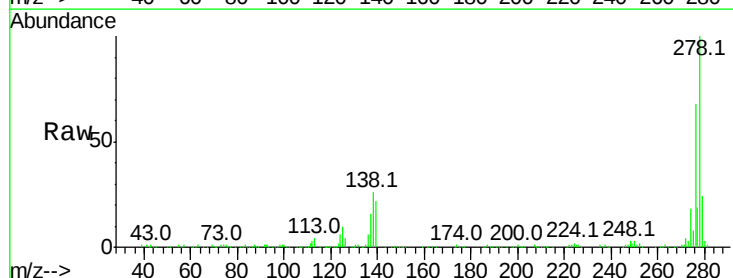
Tgt Ion:278 Resp: 387525

Ion Ratio Lower Upper

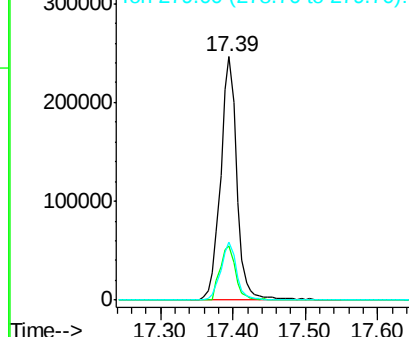
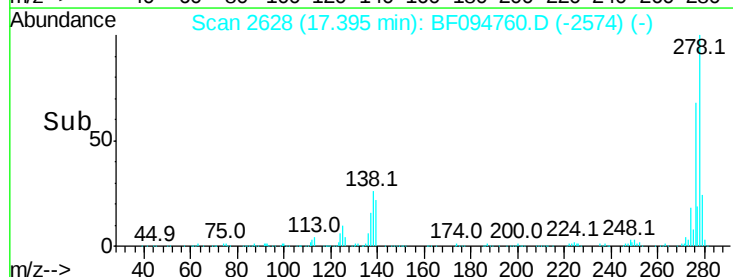
278 100

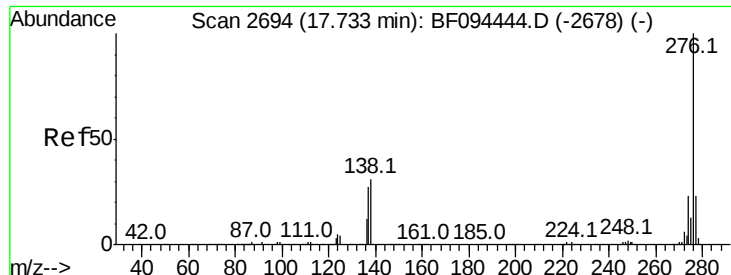
139 22.2 16.6 24.8

279 23.8 19.3 28.9



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

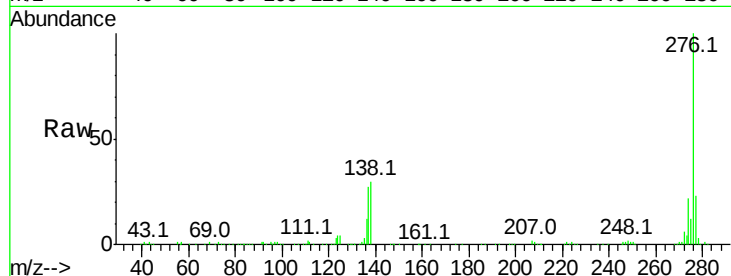




#91
 Benzo(a,h,i)perylene
 Concen: 45.32 ng
 RT: 17.75 min Scan# 2689
 Delta R.T. 0.02 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

Instrument :
 BNA_F
 ClientSampleId :
 OWS-1MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.6	28.0
138	30.1	25.4	38.0



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

