

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094761.D
 Acq On : 1 May 2017 20:54
 Operator : SJ/MA
 Sample : I2897-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWS-1MSD

Quant Time: May 02 04:10:36 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	51046	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	197230	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	83841	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	125658	20.00	ng	0.00
75) Chrysene-d12	14.47	240	95456	20.00	ng	0.00
86) Perylene-d12	16.09	264	84145	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.34	112	768965	249.92	ng	0.04
7) Phenol-d6	5.41	99	906482	249.91	ng	0.01
23) Nitrobenzene-d5	6.42	82	612936	191.90	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	190239	290.09	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1108193	194.48	ng	0.00
78) Terphenyl-d14	13.19	244	715822	200.44	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.25	88	103860	58.04	ng	# 80
3) Pyridine	2.78	79	195922m	50.10	ng	
4) n-Nitrosodimethylamine	2.66	42	126165	77.97	ng	92
6) Aniline	5.41	93	195903	40.64	ng	# 78
8) 2-Chlorophenol	5.55	128	314060	89.70	ng	94
9) Benzaldehyde	5.27	77	48235	17.48	ng	96
10) Phenol	5.42	94	364078	81.71	ng	91
11) bis(2-Chloroethyl)ether	5.48	93	290011	89.09	ng	98
12) 1,3-Dichlorobenzene	5.70	146	348731	89.90	ng	98
13) 1,4-Dichlorobenzene	5.79	146	348840	89.39	ng	98
14) 1,2-Dichlorobenzene	5.96	146	318937	88.72	ng	97
15) Benzyl Alcohol	5.96	79	255678	95.02	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.10	45	390719	91.55	ng	# 30
17) 2-Methylphenol	6.10	107	255789	92.76	ng	# 86
18) Hexachloroethane	6.34	117	115820	86.57	ng	# 85
19) n-Nitroso-di-n-propylamine	6.26	70	230202	95.78	ng	96
20) 3+4-Methylphenols	6.28	107	410498	109.55	ng	# 60
22) Acetophenone	6.24	105	451838	94.22	ng	# 85
24) Nitrobenzene	6.44	77	301380	89.60	ng	94
25) Isophorone	6.73	82	573576	96.87	ng	95
26) 2-Nitrophenol	6.81	139	175868	97.32	ng	97
27) 2,4-Dimethylphenol	6.90	122	285109	97.13	ng	99
28) bis(2-Chloroethoxy)methane	6.98	93	378096	98.72	ng	98
29) 2,4-Dichlorophenol	7.12	162	270578	99.09	ng	98
30) 1,2,4-Trichlorobenzene	7.20	180	258321	91.50	ng	98
31) Naphthalene	7.28	128	922082	97.25	ng	99
32) Benzoic acid	7.22	122	610411	393.26	ng	95
33) 4-Chloroaniline	7.38	127	65562	16.62	ng	96
34) Hexachlorobutadiene	7.44	225	128419	91.24	ng	97
35) Caprolactam	7.92	113	62247	72.56	ng	88
36) 4-Chloro-3-methylphenol	8.00	107	257322	89.92	ng	92
37) 2-Methylnaphthalene	8.12	142	585141	90.20	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.33	216	231130	96.81	ng	99
40) Hexachlorocyclopentadiene	8.31	237	95600	98.98	ng	100

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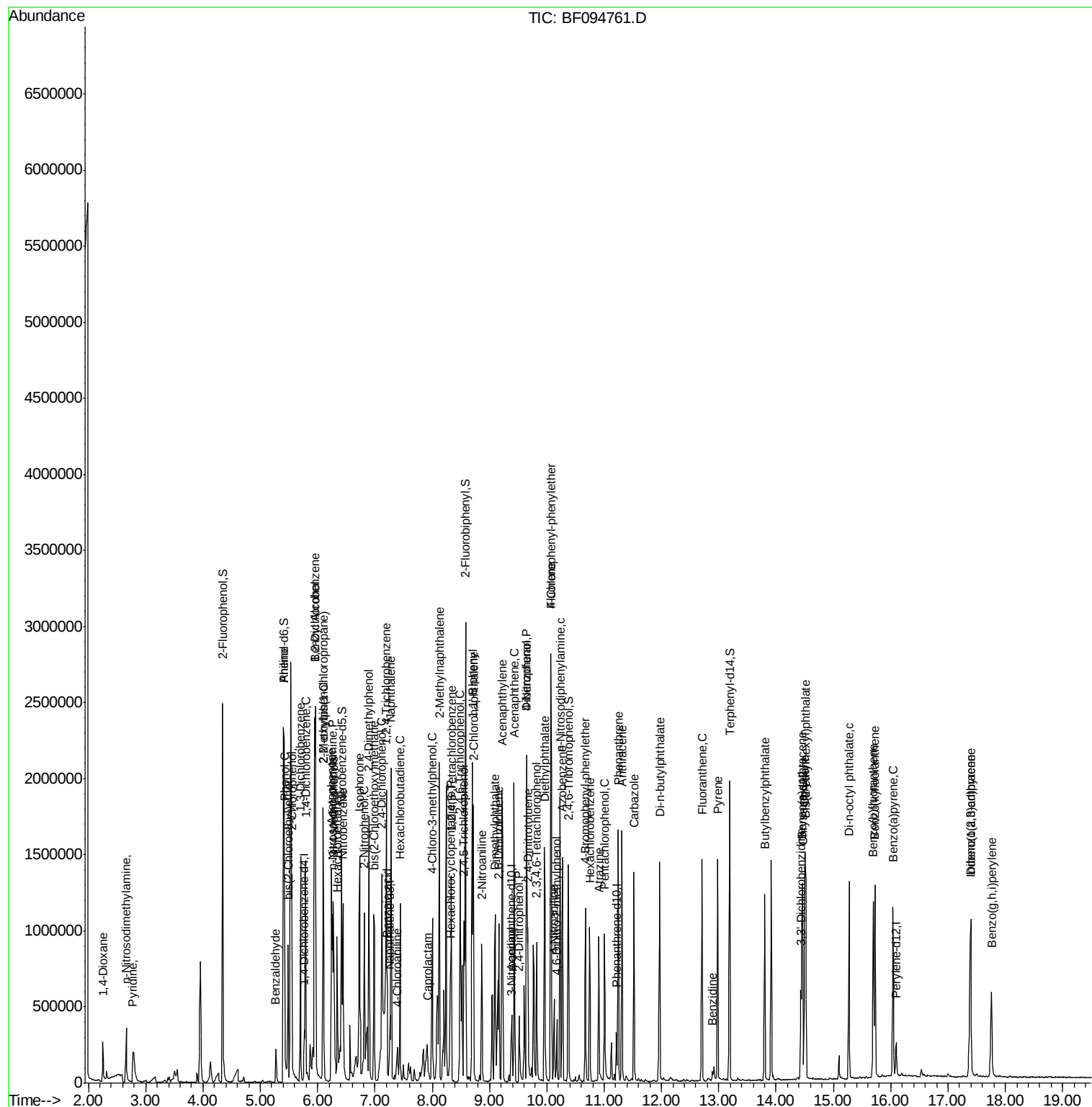
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	169922	101.35	nq	98
43) 2,4,5-Trichlorophenol	8.55	196	175655	102.02	nq	93
45) 1,1'-Biphenyl	8.70	154	709173	103.53	nq	98
46) 2-Chloronaphthalene	8.72	162	556296	102.13	nq	96
47) 2-Nitroaniline	8.87	65	155864	99.48	nq	# 81
48) Acenaphthylene	9.22	152	851787	100.32	nq	99
49) Dimethylphthalate	9.10	163	683376	109.37	nq	99
50) 2,6-Dinitrotoluene	9.17	165	144911	103.33	nq	91
51) Acenaphthene	9.44	154	500173	98.35	nq	99
52) 3-Nitroaniline	9.37	138	54918	33.85	nq	91
53) 2,4-Dinitrophenol	9.52	184	81769	105.47	nq	# 65
54) Dibenzofuran	9.65	168	739004	99.98	nq	# 88
55) 4-Nitrophenol	9.65	139	437731	381.86	nq	# 50
56) 2,4-Dinitrotoluene	9.67	165	179648	104.40	nq	# 82
57) Fluorene	10.07	166	566667	98.45	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	128688	104.28	nq	96
59) Diethylphthalate	9.96	149	629813	106.83	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	248950	103.93	nq	91
61) 4-Nitroaniline	10.13	138	119206	72.27	nq	97
62) Azobenzene	10.27	77	561936	98.17	nq	95
64) 4,6-Dinitro-2-methylphenol	10.17	198	61554	74.76	nq	# 67
65) n-Nitrosodiphenylamine	10.23	169	506836	115.98	nq	99
66) 4-Bromophenyl-phenylether	10.67	248	145843	116.89	nq	98
67) Hexachlorobenzene	10.75	284	136873	108.85	nq	# 88
68) Atrazine	10.91	200	129005	98.67	nq	97
69) Pentachlorophenol	11.01	266	131618	263.61	nq	99
70) Phenanthrene	11.25	178	718065	101.48	nq	99
71) Anthracene	11.31	178	750932	102.59	nq	98
72) Carbazole	11.52	167	672330	97.86	nq	96
73) Di-n-butylphthalate	11.97	149	847108	111.99	nq	99
74) Fluoranthene	12.71	202	655180	89.34	nq	99
76) Benzidine	12.89	184	28709	7.43	nq	# 90
77) Pyrene	12.98	202	669836	100.44	nq	98
79) Butylbenzylphthalate	13.80	149	330405	113.05	nq	# 88
80) Benzo(a)anthracene	14.45	228	566815	102.16	nq	99
81) 3,3'-Dichlorobenzidine	14.43	252	142015	72.31	nq	# 97
82) Chrysene	14.50	228	494872	97.60	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	474768	120.98	nq	# 99
84) Di-n-octyl phthalate	15.27	149	751752	114.20	nq	96
85) Indeno(1,2,3-cd)pyrene	17.38	276	471915	97.81	nq	99
87) Benzo(b)fluoranthene	15.69	252	509652	99.01	nq	99
88) Benzo(k)fluoranthene	15.72	252	528825	108.56	nq	# 95
89) Benzo(a)pyrene	16.04	252	485481	101.38	nq	99
90) Dibenzo(a,h)anthracene	17.39	278	397663	100.01	nq	99
91) Benzo(g,h,i)perylene	17.76	276	386814	95.55	nq	98

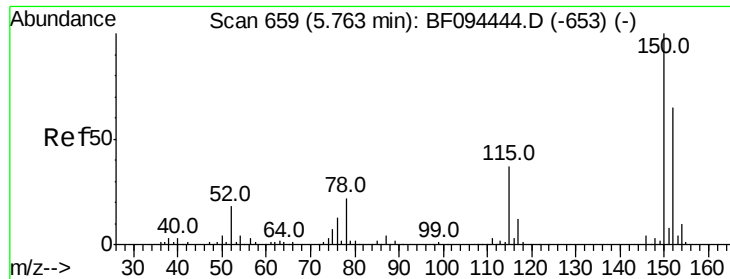
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.77 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF094761.D

Acq: 1 May 2017 20:54

Instrument :

BNA_F

ClientSampleId :

OWS-1MSD

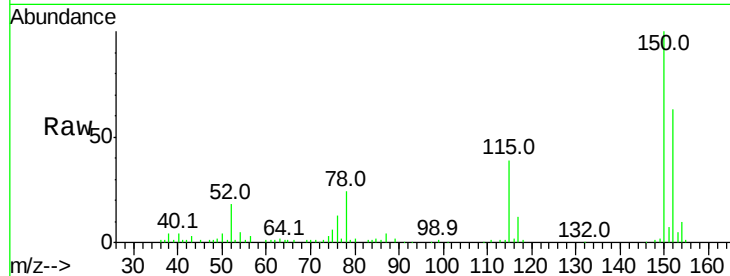
Tot Ion:152 Resp: 51046

Ion Ratio Lower Upper

152 100

150 157.7 126.2 189.2

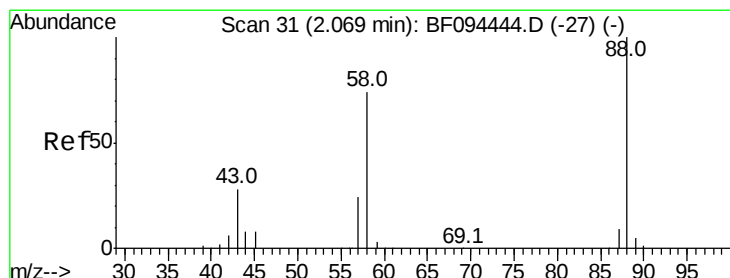
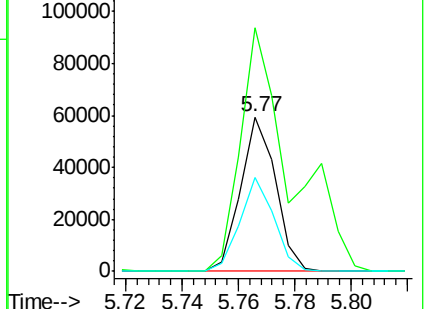
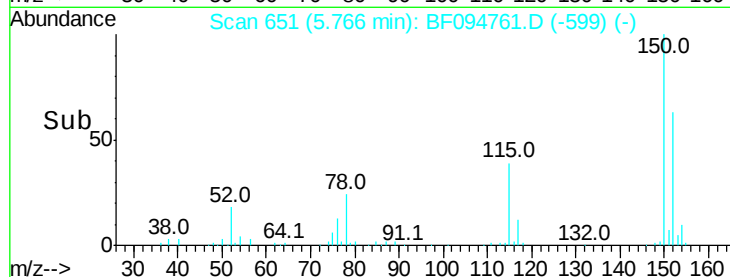
115 61.0 52.2 78.2



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: 58.04 ng

RT: 2.25 min Scan# 54

Delta R.T. 0.19 min

Lab File: BF094761.D

Acq: 1 May 2017 20:54

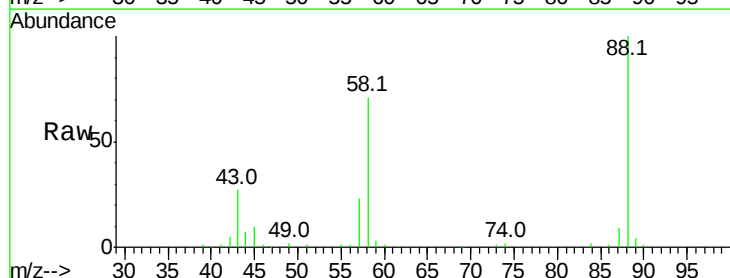
Tgt Ion: 88 Resp: 103860

Ion Ratio Lower Upper

88 100

58 70.9 61.4 92.0

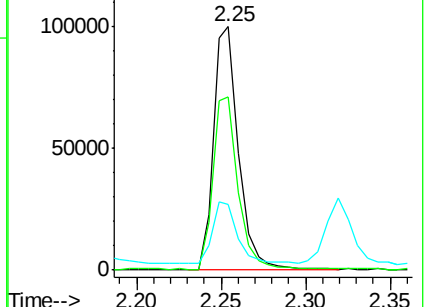
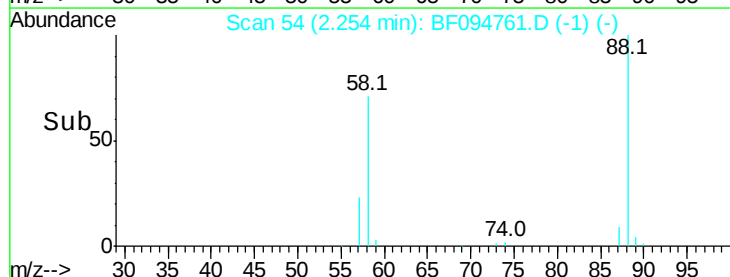
43 0.0 23.4 35.0#

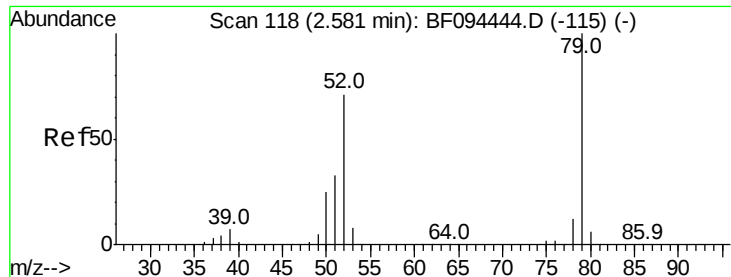


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 50.10 ng/ml

RT: 2.78 min Scan# 143

Delta R.T. 0.20 min

Lab File: BF094761.D

Acq: 1 May 2017 20:54

Instrument :

BNA_F

ClientSampleId :

OVS-1MSD

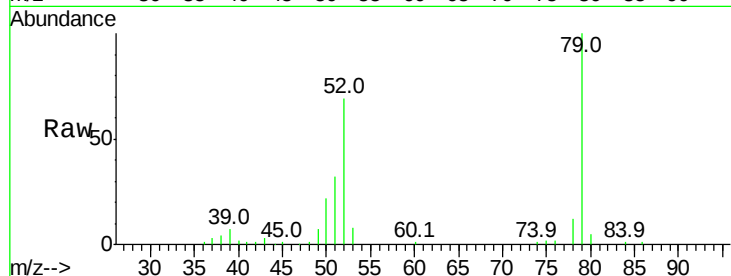
Tot Ion: 79 Resp: 195922

Ion Ratio Lower Upper

79 100

52 68.6 54.8 82.2

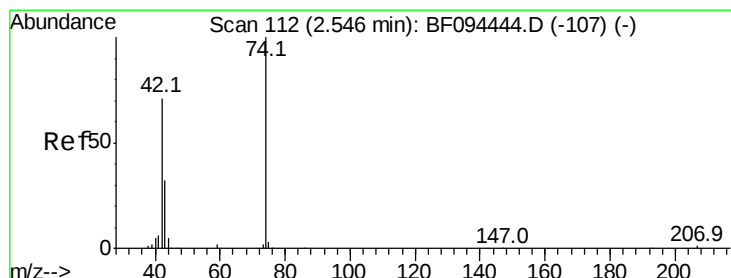
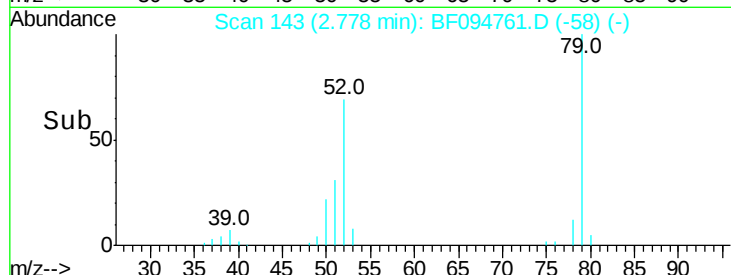
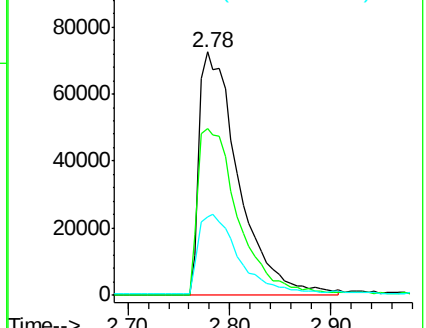
51 32.3 27.0 40.4



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: 77.97 ng/ml

RT: 2.66 min Scan# 123

Delta R.T. 0.11 min

Lab File: BF094761.D

Acq: 1 May 2017 20:54

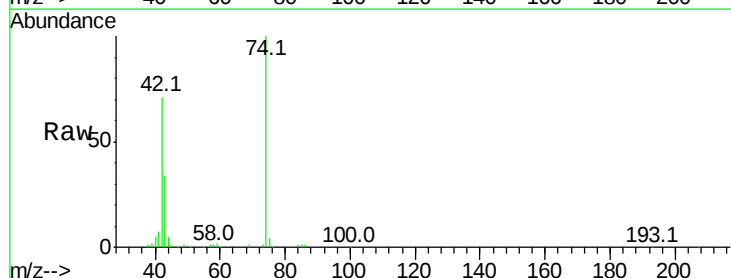
Tgt Ion: 42 Resp: 126165

Ion Ratio Lower Upper

42 100

74 140.2 103.9 155.9

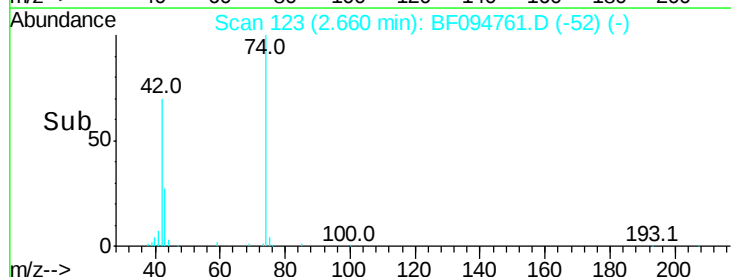
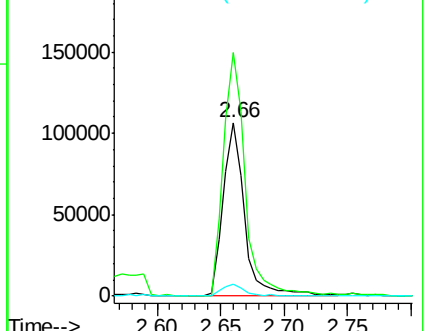
44 6.5 5.7 8.5

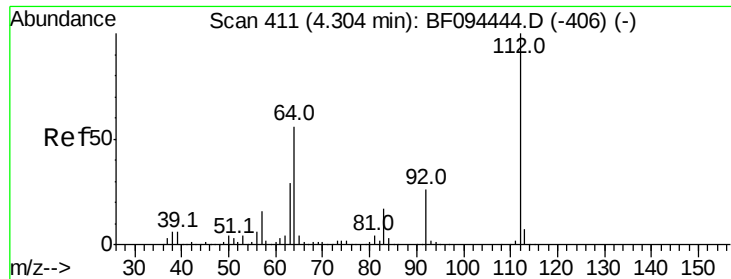


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 249.92 ng

RT: 4.34 min Scan# 409

Delta R.T. 0.04 min

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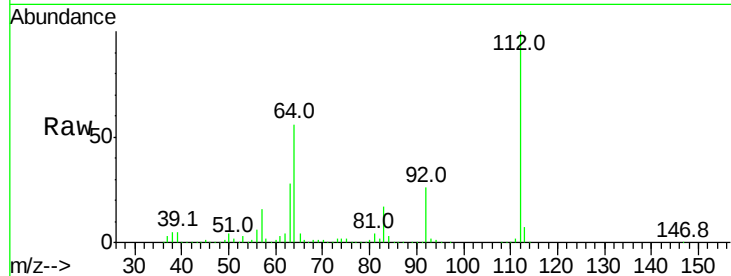
Tot Ion:112 Resp: 768965

Ion Ratio Lower Upper

112 100

64 56.2 46.0 69.0

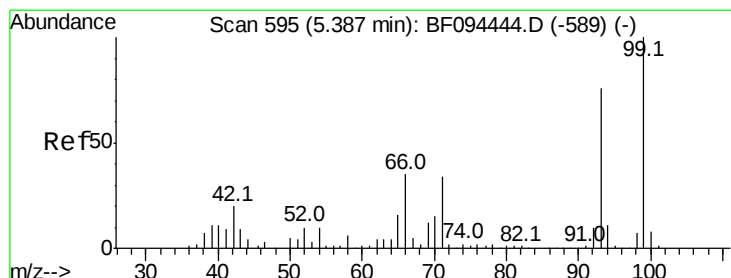
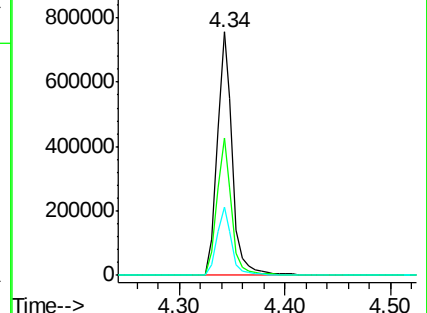
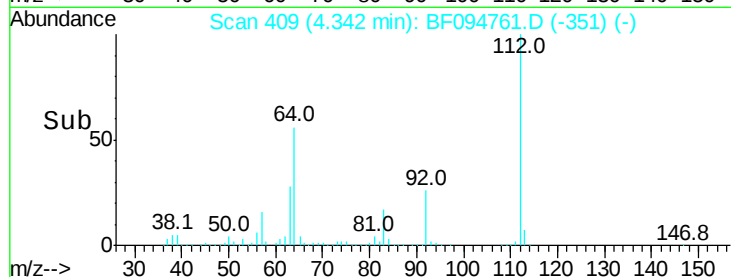
63 28.0 23.4 35.0



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: 40.64 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.02 min

Lab File: BF094761.D

Acq: 1 May 2017 20:54

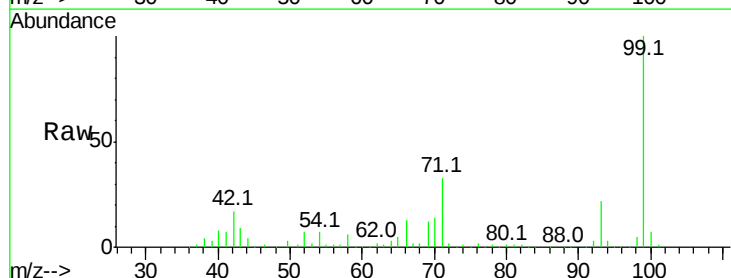
Tgt Ion: 93 Resp: 195903

Ion Ratio Lower Upper

93 100

66 58.8 32.9 49.3#

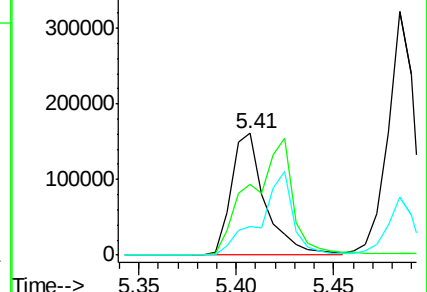
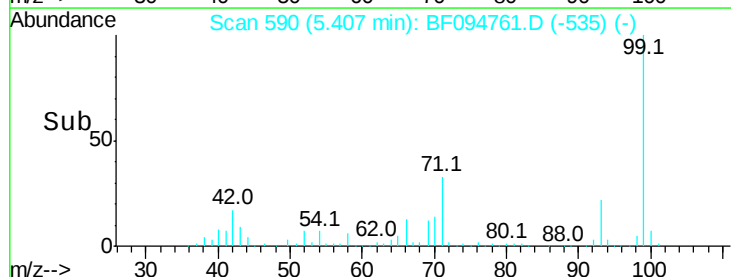
65 23.9 16.0 24.0

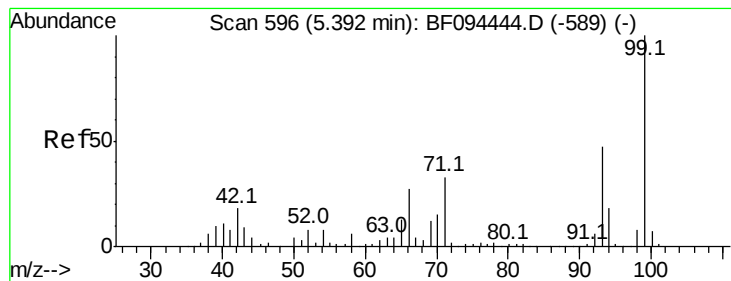


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 249.91 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.01 min

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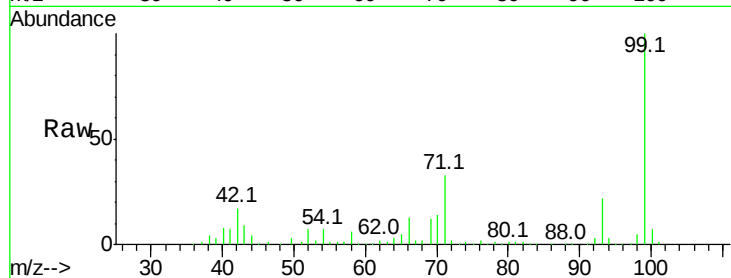
Tot Ion: 99 Resp: 906482

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

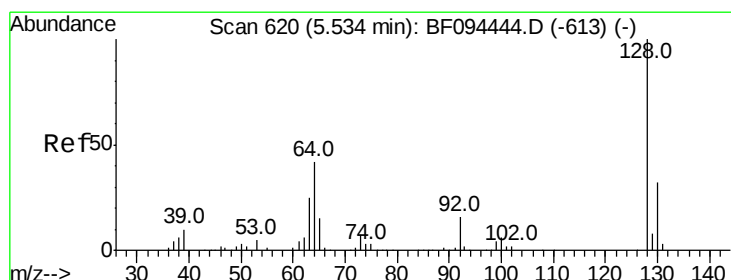
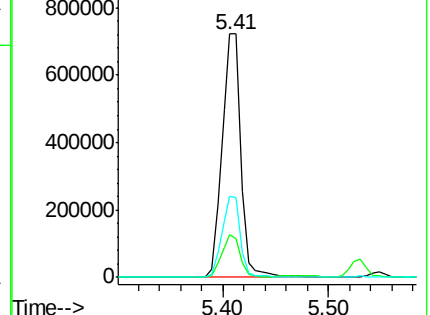
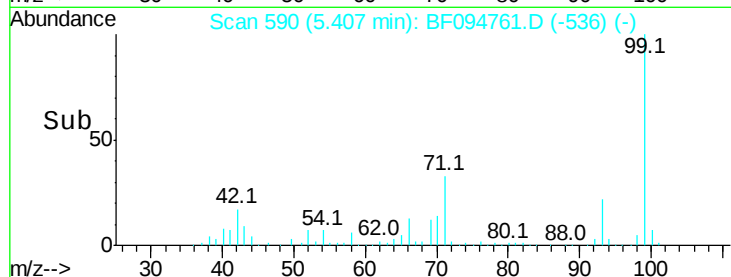
71 33.4 24.5 36.7



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: 89.70 ng

RT: 5.55 min Scan# 614

Delta R.T. 0.01 min

Lab File: BF094761.D

Acq: 1 May 2017 20:54

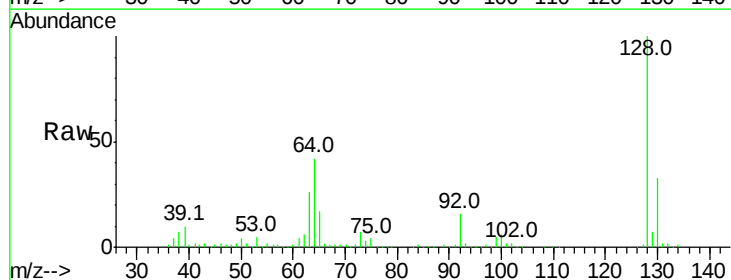
Tgt Ion: 128 Resp: 314060

Ion Ratio Lower Upper

128 100

130 33.4 12.9 52.9

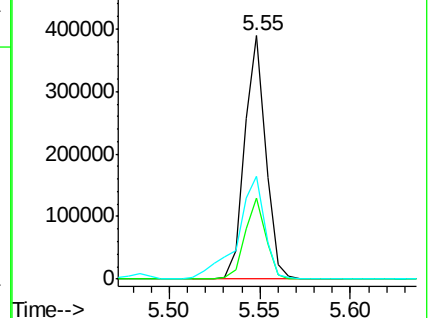
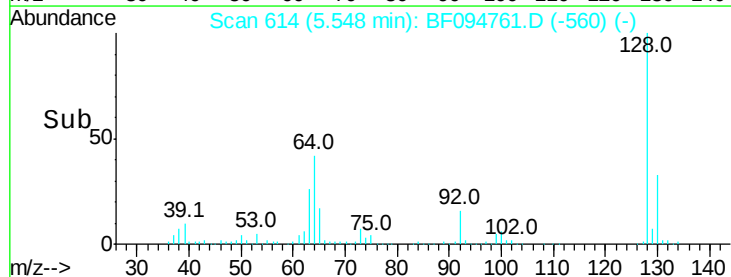
64 42.5 28.4 68.4

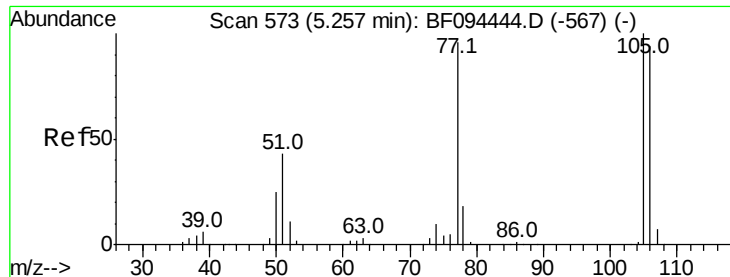


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

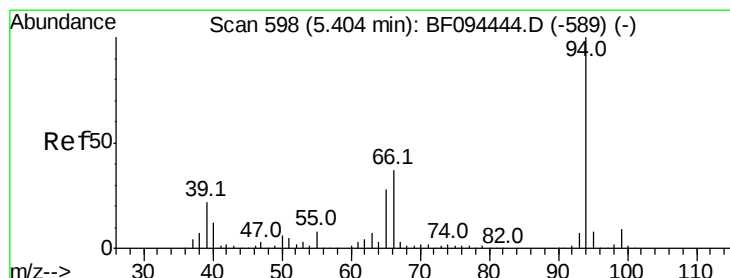
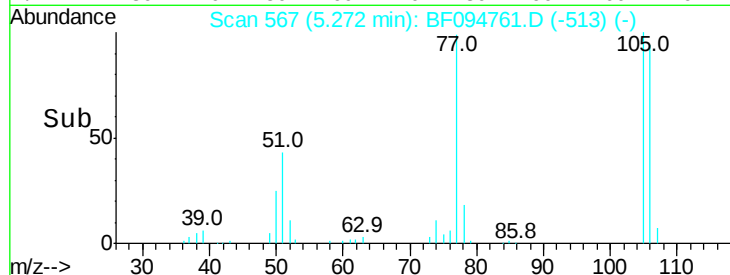
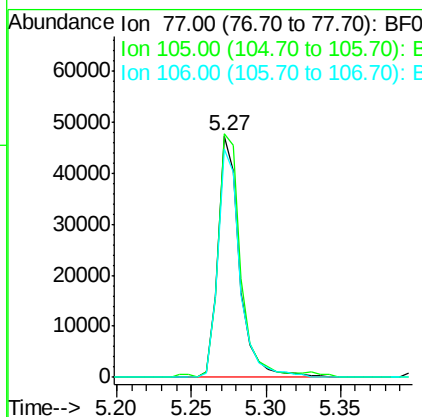
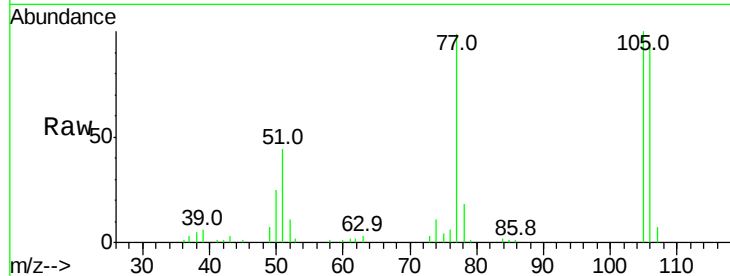




#9
Benzaldehyde
Concen: 17.48 ng
RT: 5.27 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF094761.D
Acq: 1 May 2017 20:54

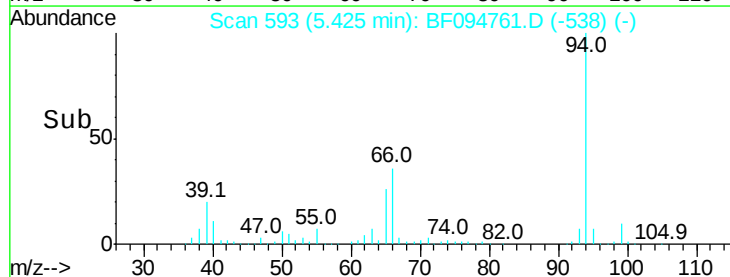
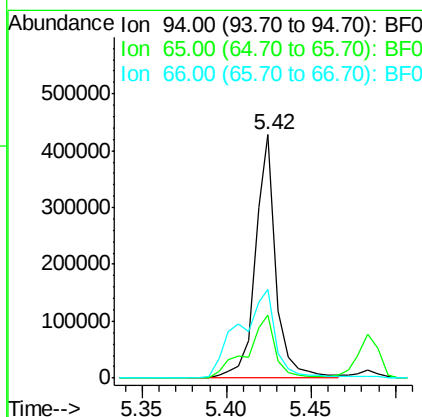
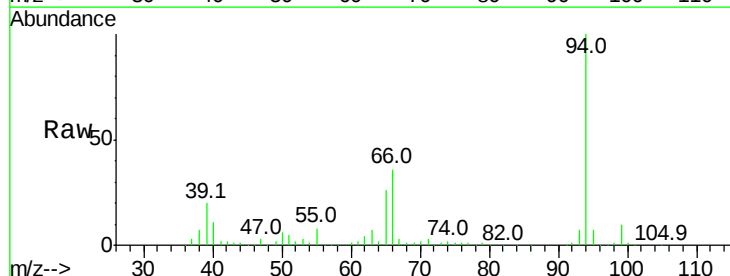
Instrument :
BNA_F
ClientSampleId :
OWS-1MSD

Tot Ion: 77 Resp: 48235
Ion Ratio Lower Upper
77 100
105 100.8 83.8 123.8
106 94.7 79.1 119.1



#10
Phenol
Concen: 81.71 ng
RT: 5.42 min Scan# 593
Delta R.T. 0.02 min
Lab File: BF094761.D
Acq: 1 May 2017 20:54

Tgt Ion: 94 Resp: 364078
Ion Ratio Lower Upper
94 100
65 25.9 9.9 49.9
66 36.2 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 89.09 ng

RT: 5.48 min Scan# 603

Delta R.T. 0.01 min

Lab File: BF094761.D

Acq: 1 May 2017 20:54

Instrument :

BNA_F

ClientSampleId :

OWS-1MSD

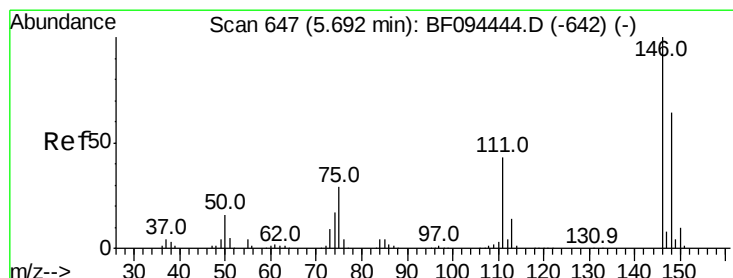
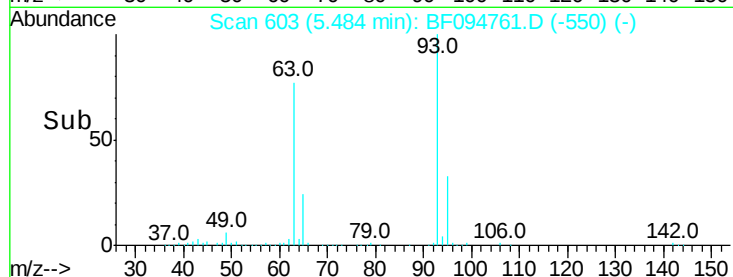
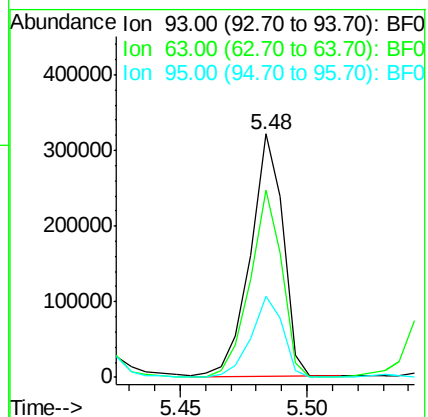
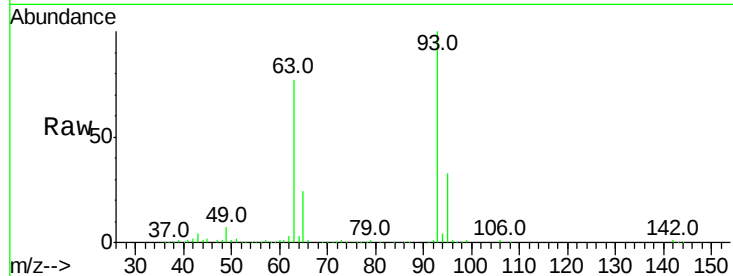
Tot Ion: 93 Resp: 290011

Ion Ratio Lower Upper

93 100

63 76.8 59.2 99.2

95 33.2 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 89.90 ng

RT: 5.70 min Scan# 640

Delta R.T. 0.01 min

Lab File: BF094761.D

Acq: 1 May 2017 20:54

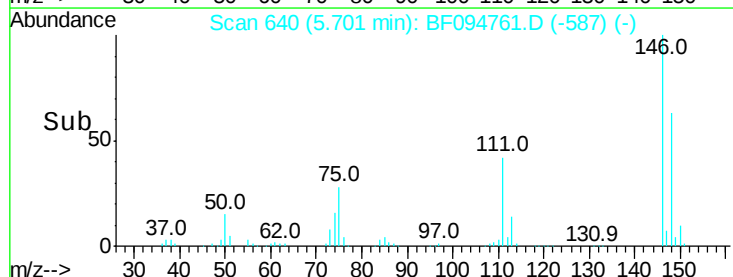
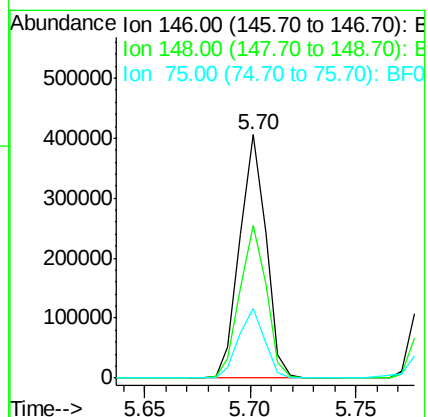
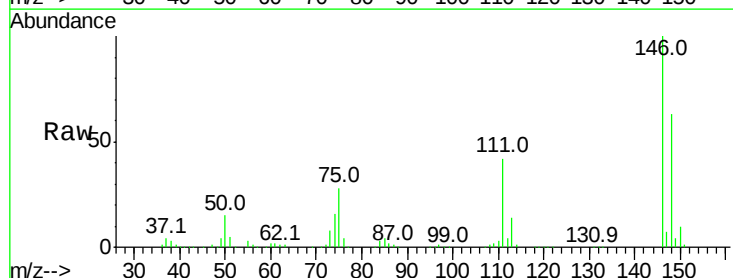
Tgt Ion: 146 Resp: 348731

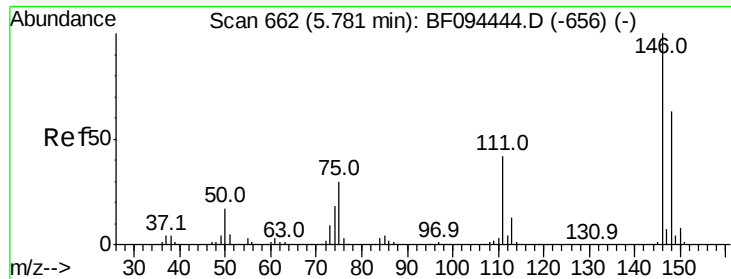
Ion Ratio Lower Upper

146 100

148 62.8 51.8 77.6

75 28.3 23.1 34.7

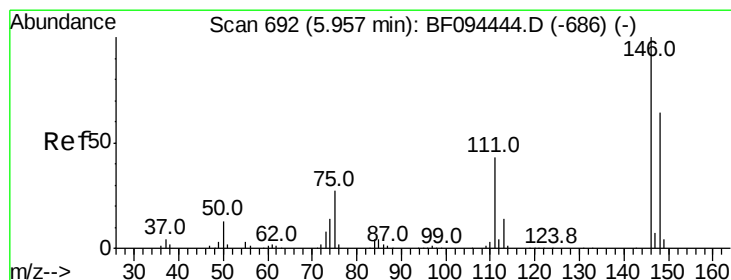
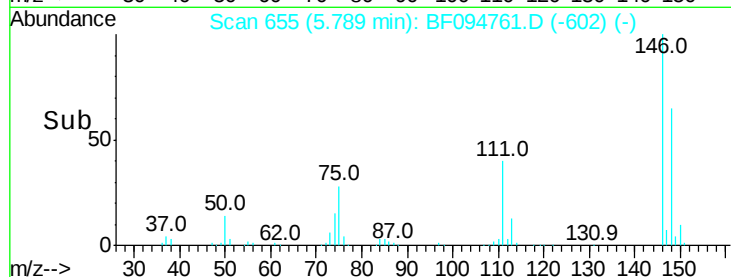
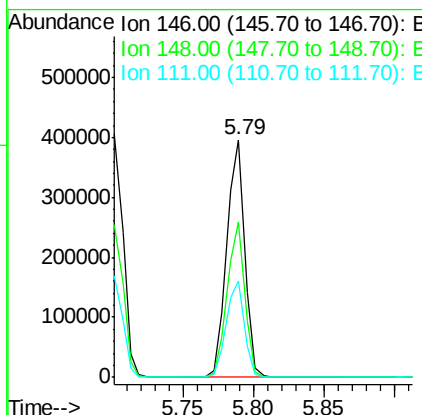
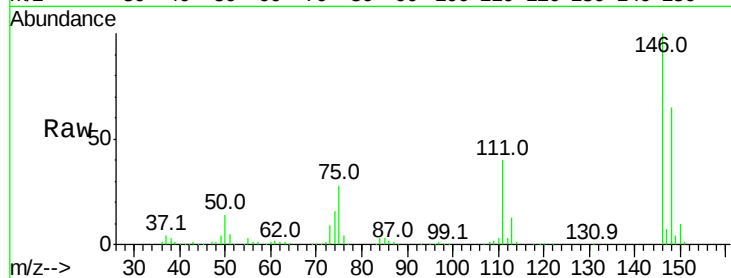




#13
 1,4-Dichlorobenzene
 Concen: 89.39 ng
 RT: 5.79 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: BF094761.D
 Acq: 1 May 2017 20:54

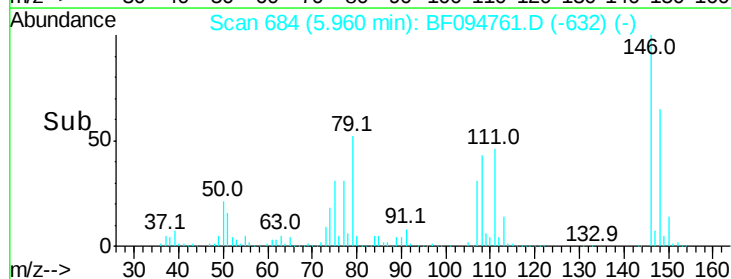
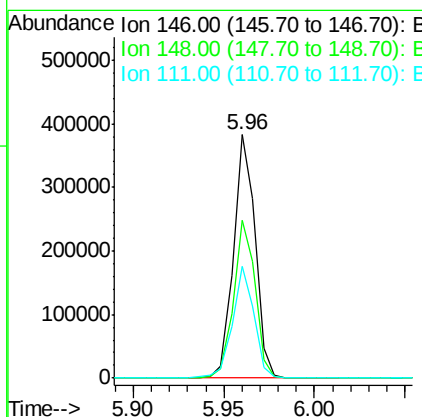
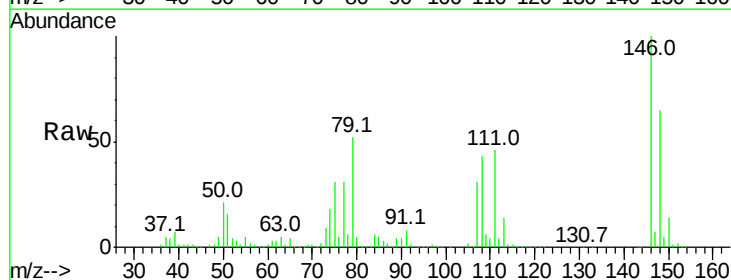
Instrument :
 BNA_F
 ClientSampleId :
 OWS-1MSD

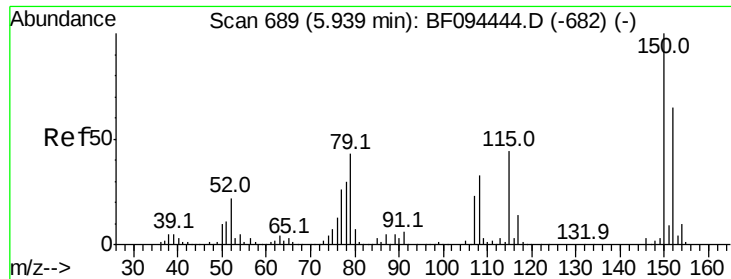
Tot Ion:146 Resp: 348840
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.2 78.2
 111 40.4 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 88.72 ng
 RT: 5.96 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF094761.D
 Acq: 1 May 2017 20:54

Tgt Ion:146 Resp: 318937
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.4 75.6
 111 45.7 38.2 57.4

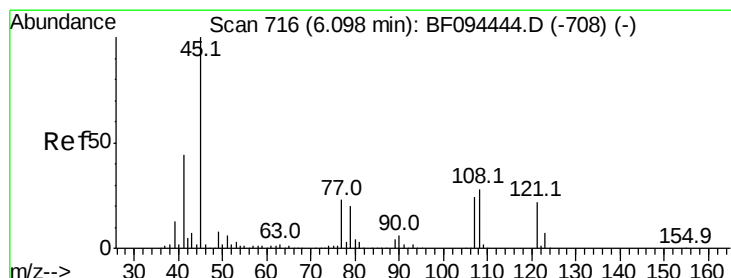
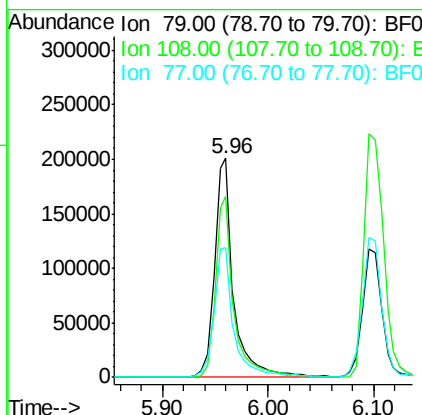
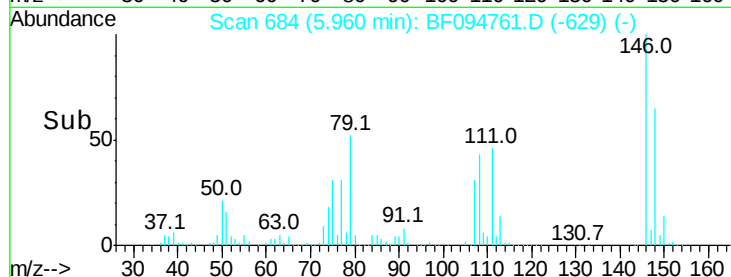
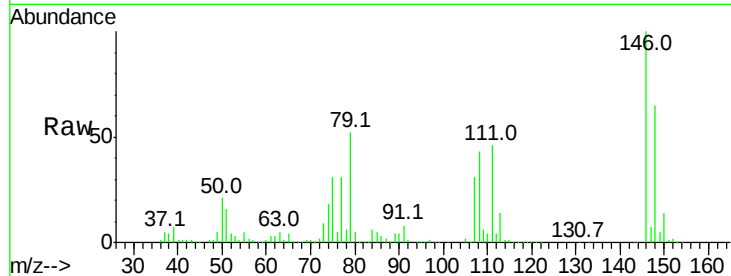




#15
Benzyl Alcohol
Concen: 95.02 ng
RT: 5.96 min Scan# 684
Delta R.T. 0.02 min
Lab File: BF094761.D
Acq: 1 May 2017 20:54

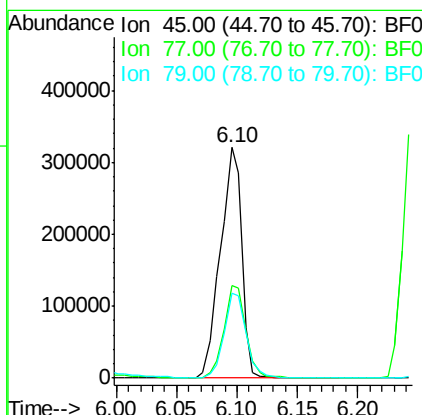
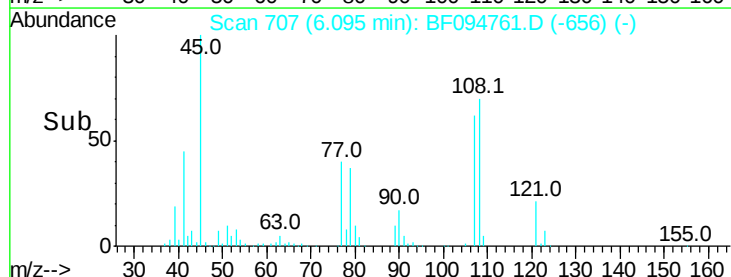
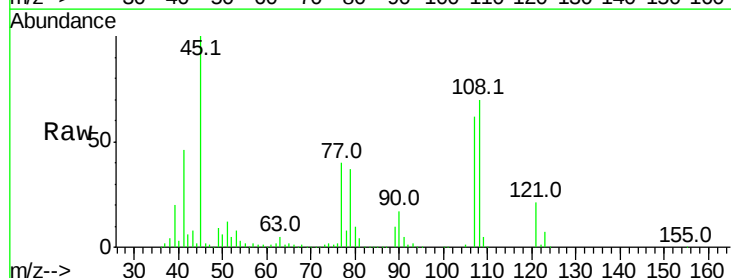
Instrument :
BNA_F
ClientSampleId :
OWS-1MSD

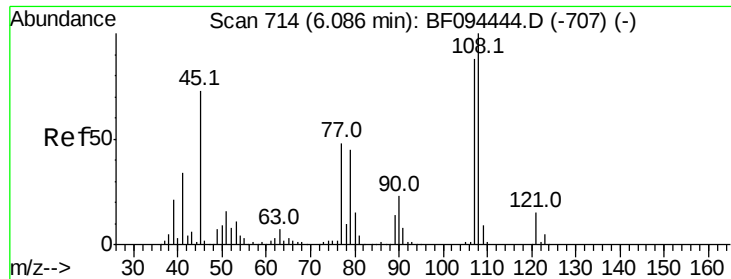
Tot Ion: 79 Resp: 255678
Ion Ratio Lower Upper
79 100
108 82.8 63.4 95.0
77 59.4 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 91.55 ng
RT: 6.10 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF094761.D
Acq: 1 May 2017 20:54

Tgt Ion: 45 Resp: 390719
Ion Ratio Lower Upper
45 100
77 40.1 0.0 33.2#
79 36.8 0.0 30.0#

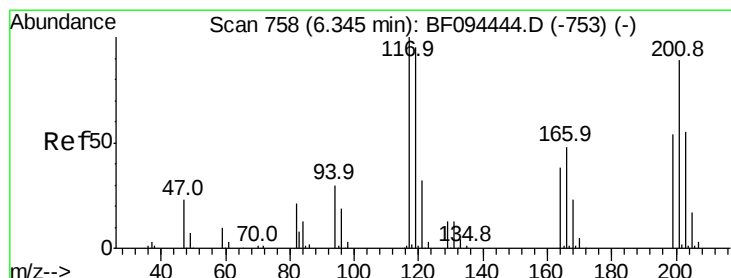
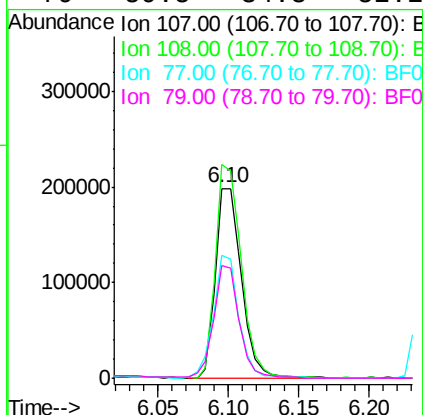
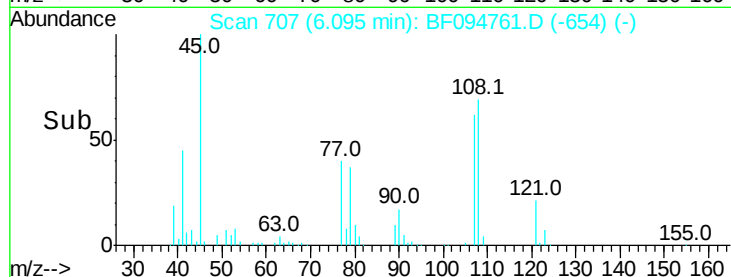
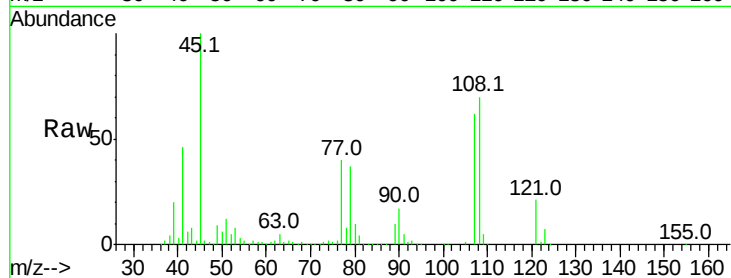




#17
2-Methylphenol
Concen: 92.76 ng
RT: 6.10 min Scan# 707
Delta R.T. 0.01 min
Lab File: BF094761.D
Acq: 1 May 2017 20:54

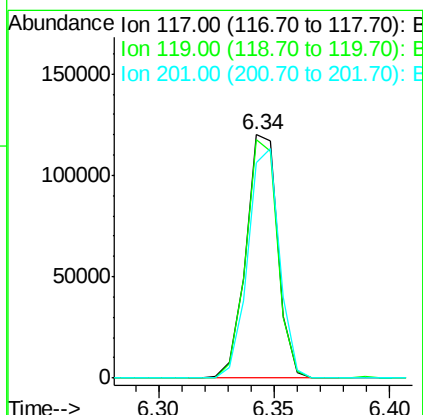
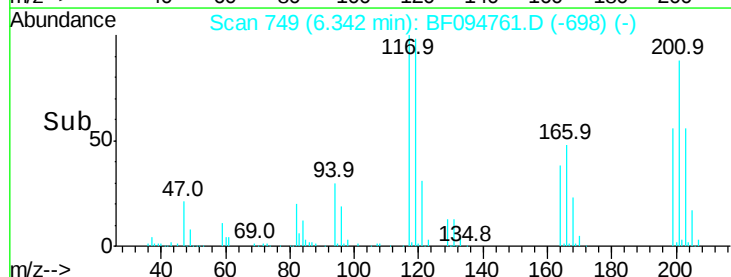
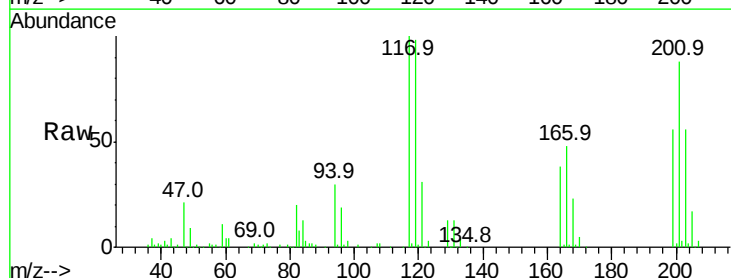
Instrument :
BNA_F
ClientSampleId :
OWS-1MSD

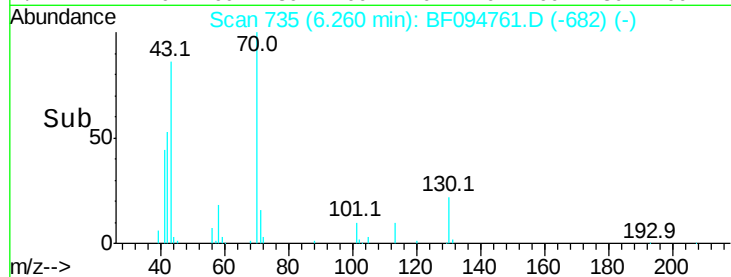
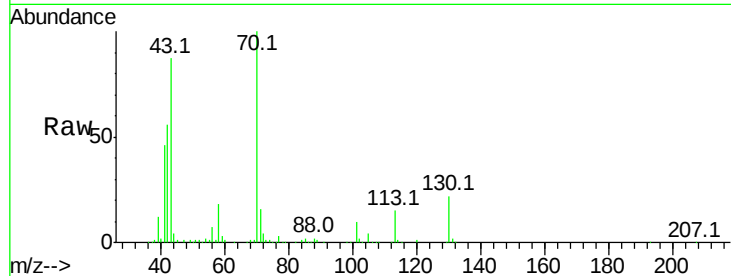
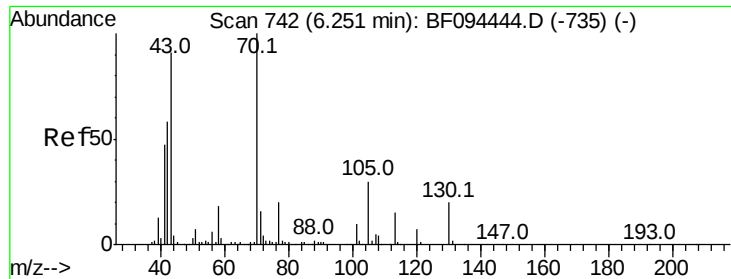
Tot Ion:107 Resp: 255789
Ion Ratio Lower Upper
107 100
108 112.5 93.4 140.0
77 64.8 35.8 53.6#
79 59.5 34.8 52.2#



#18
Hexachloroethane
Concen: 86.57 ng
RT: 6.34 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF094761.D
Acq: 1 May 2017 20:54

Tgt Ion:117 Resp: 115820
Ion Ratio Lower Upper
117 100
119 97.8 77.4 116.0
201 88.5 94.6 141.8#

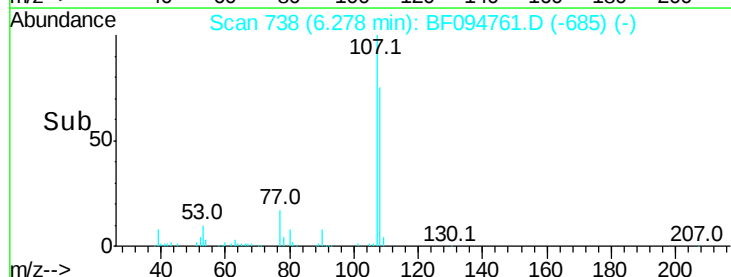
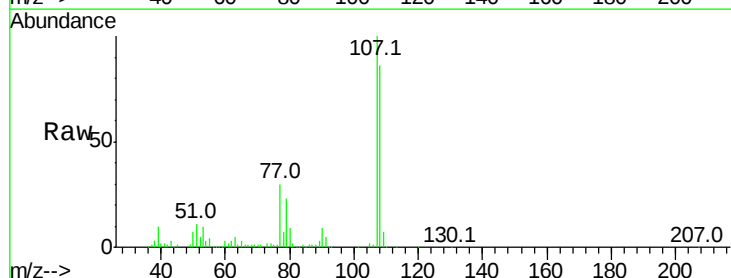
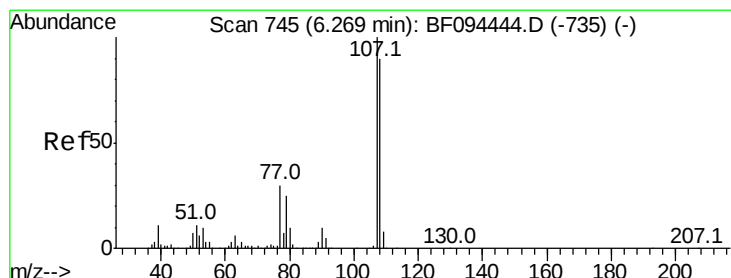
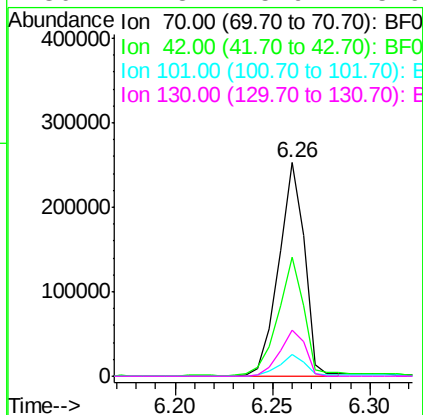




#19
n-Nitroso-di-n-propylamine
Concen: 95.78 ng
RT: 6.26 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF094761.D
Acq: 1 May 2017 20:54

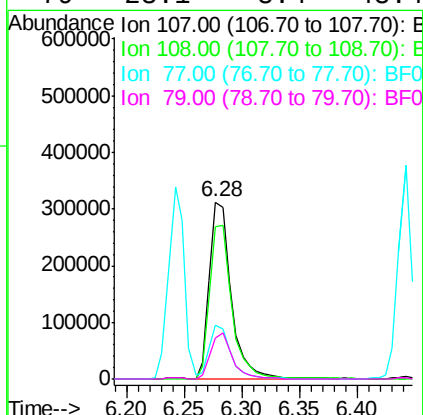
Instrument :
BNA_F
ClientSampleId :
OWS-1MSD

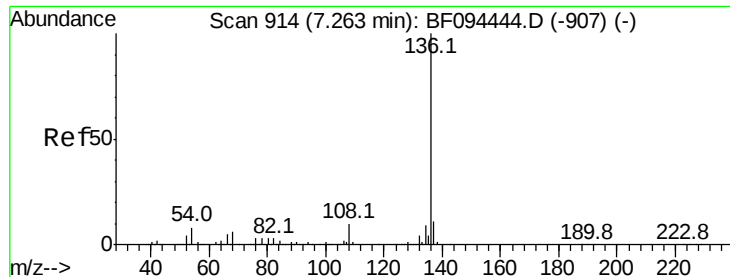
Tot Ion:	70	Resp:	230202
Ion	Ratio	Lower	Upper
70	100		
42	55.7	47.2	70.8
101	10.0	7.2	10.8
130	21.8	15.9	23.9



#20
3+4-Methylphenols
Concen: 109.55 ng
RT: 6.28 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF094761.D
Acq: 1 May 2017 20:54

Tgt Ion:	107	Resp:	410498
Ion	Ratio	Lower	Upper
107	100		
108	85.9	71.0	111.0
77	30.3	90.5	130.5#
79	23.1	8.4	48.4

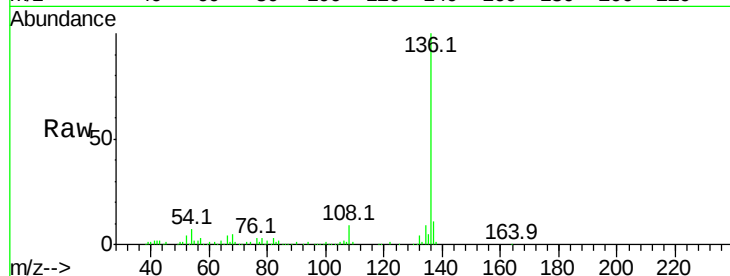




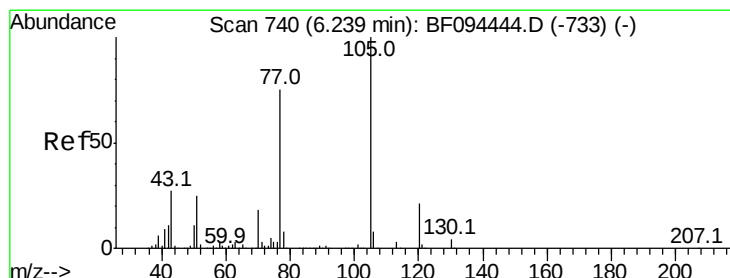
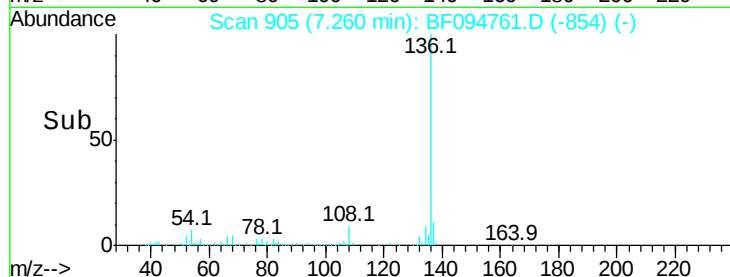
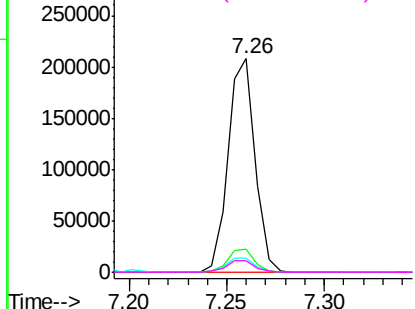
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF094761.D
Acq: 1 May 2017 20:54

Instrument :
BNA_F
ClientSampleId :
OWS-1MSD

Tot Ion:136	Resp:	197230
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.5	12.7
54 6.6	4.9	7.3
68 5.3	4.1	6.1

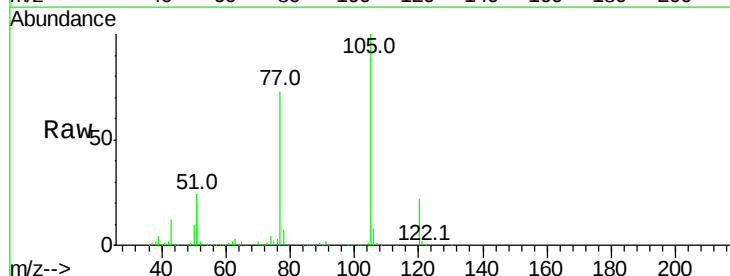


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

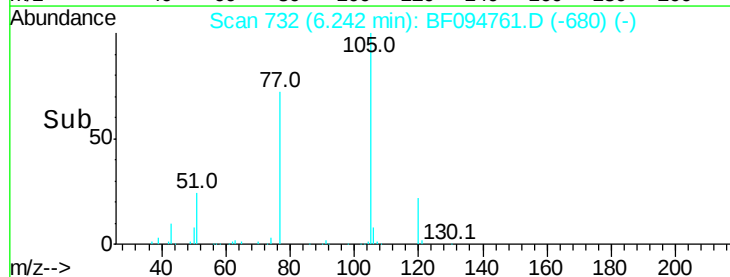
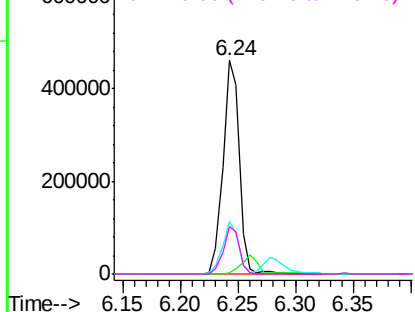


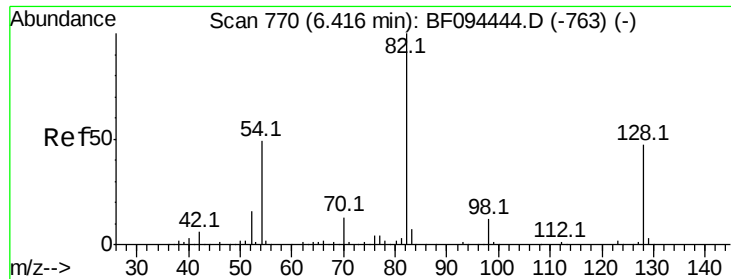
#22
Acetophenone
Concen: 94.22 ng
RT: 6.24 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF094761.D
Acq: 1 May 2017 20:54

Tgt	Ion:105	Resp:	451838
Ion	Ratio	Lower	Upper
105	100		
71	0.4	2.8	4.2#
51	24.4	30.7	46.1#
120	22.0	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

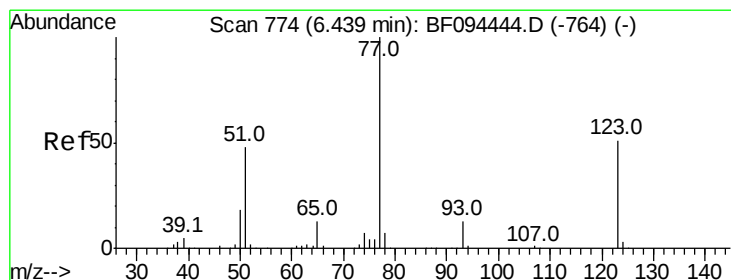
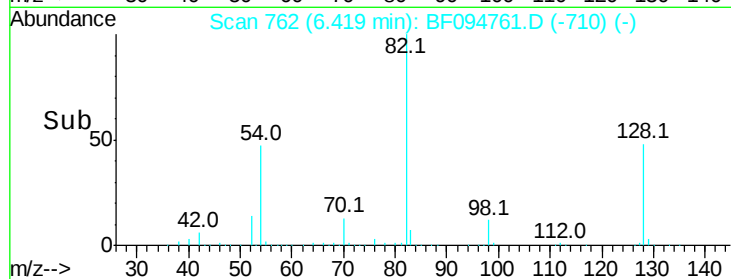
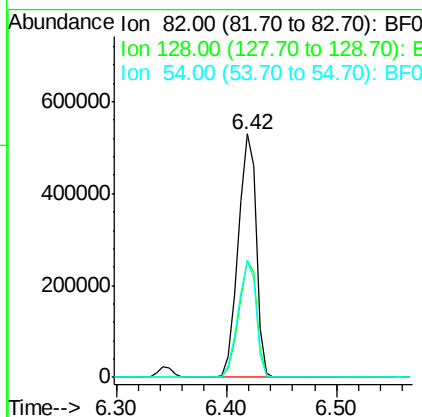
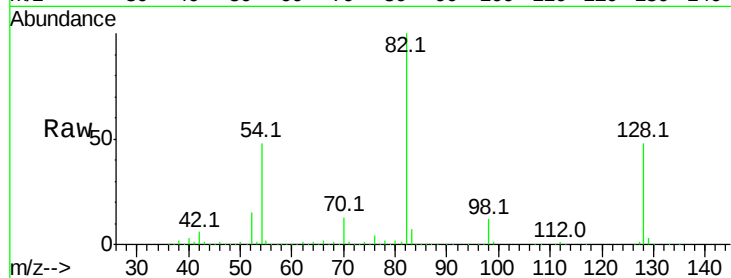




#23
 Nitrobenzene-d5
 Concen: 191.90 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094761.D
 Acq: 1 May 2017 20:54

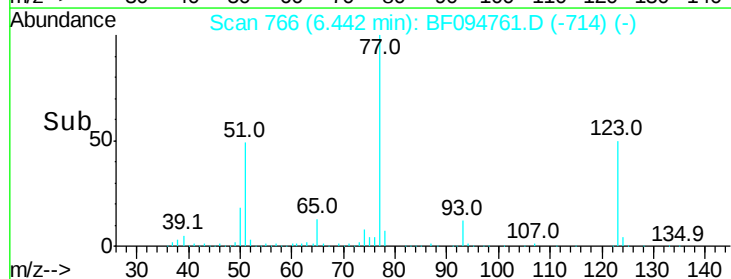
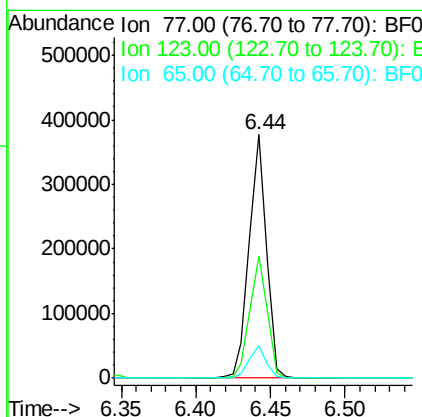
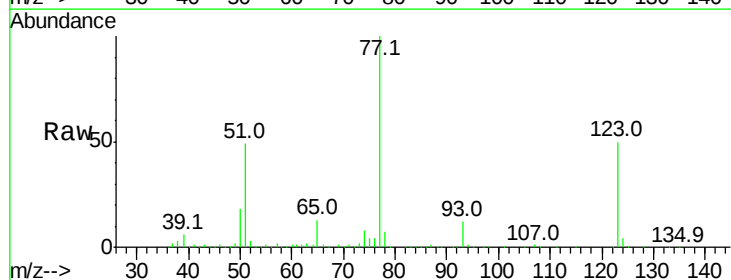
Instrument :
 BNA_F
 ClientSampleId :
 OWS-1MSD

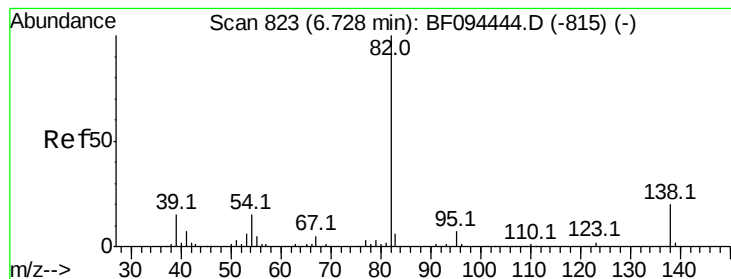
Tot Ion: 82 Resp: 612936
 Ion Ratio Lower Upper
 82 100
 128 47.8 34.0 51.0
 54 47.8 42.2 63.2



#24
 Nitrobenzene
 Concen: 89.60 ng
 RT: 6.44 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF094761.D
 Acq: 1 May 2017 20:54

Tgt Ion: 77 Resp: 301380
 Ion Ratio Lower Upper
 77 100
 123 50.1 35.8 53.8
 65 13.2 10.6 15.8





#25

Isophorone

Concen: 96.87 ng

RT: 6.73 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF094761.D

Acq: 1 May 2017 20:54

Instrument :

BNA_F

ClientSampleId :

OWS-1MSD

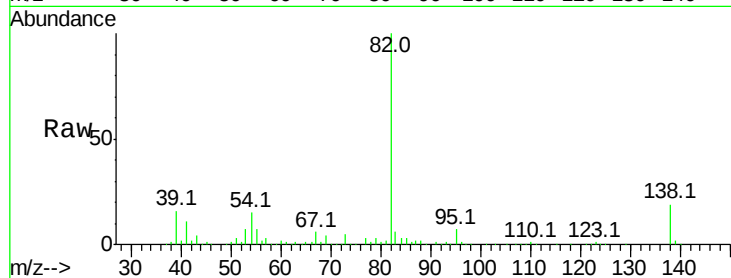
Tot Ion: 82 Resp: 573576

Ion Ratio Lower Upper

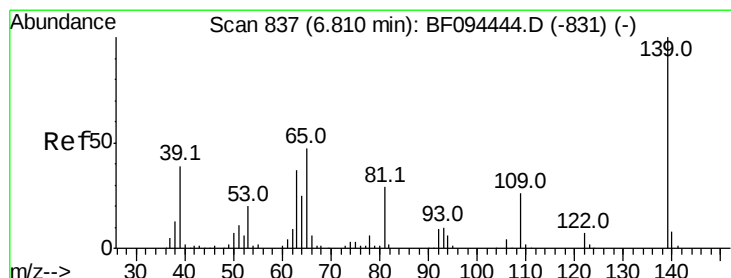
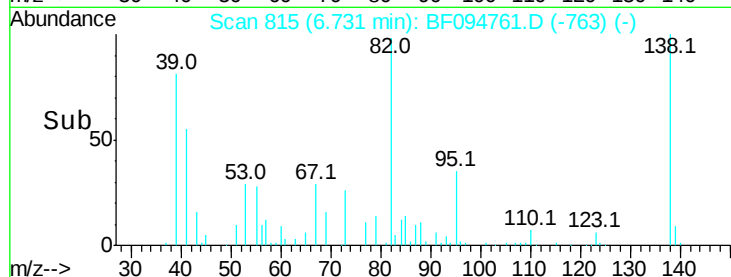
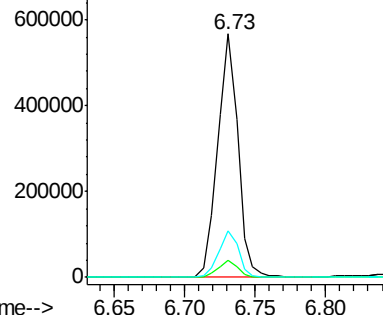
82 100

95 6.8 5.3 7.9

138 19.2 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 97.32 ng

RT: 6.81 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF094761.D

Acq: 1 May 2017 20:54

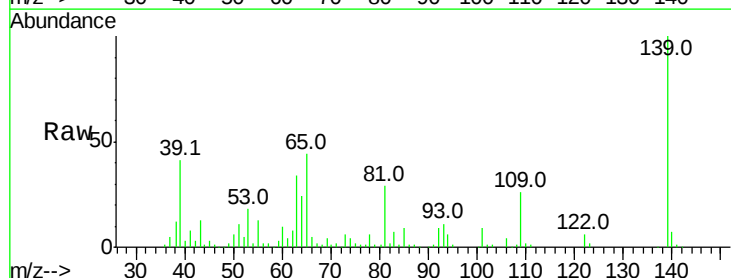
Tgt Ion:139 Resp: 175868

Ion Ratio Lower Upper

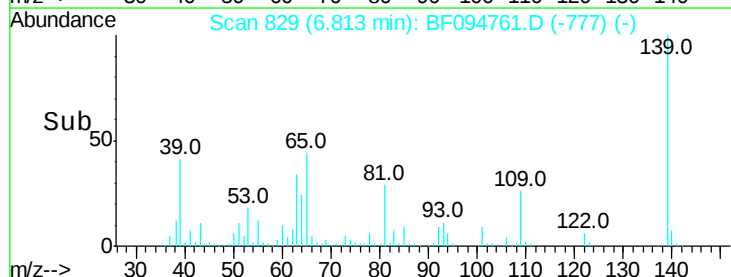
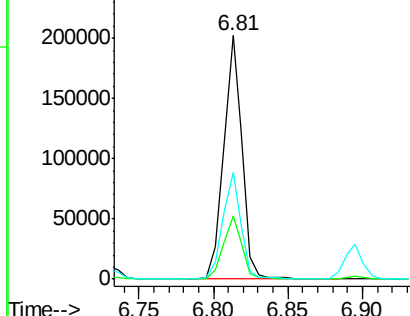
139 100

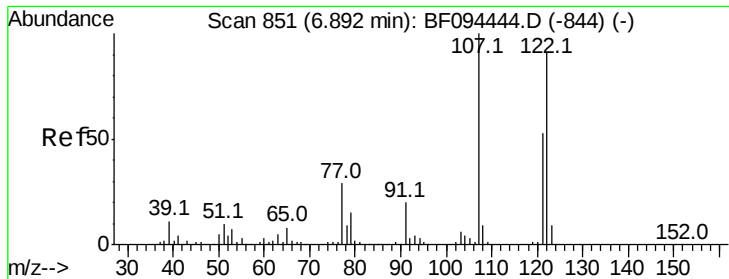
109 26.2 21.0 31.6

65 44.0 33.0 49.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

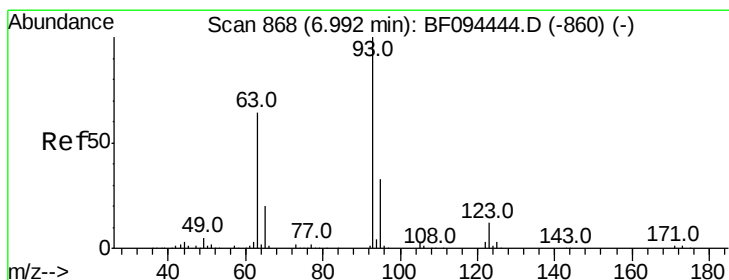
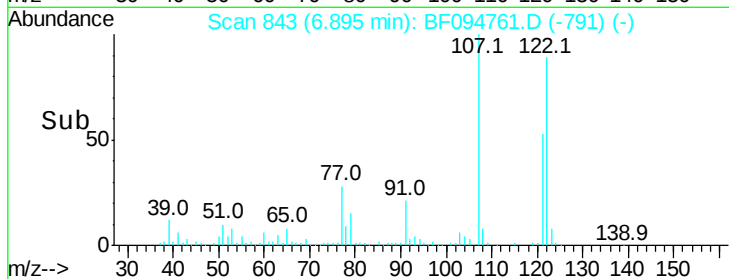
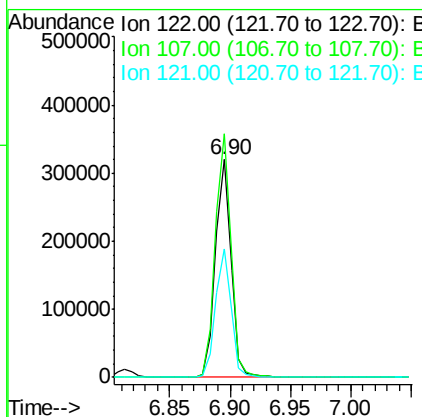
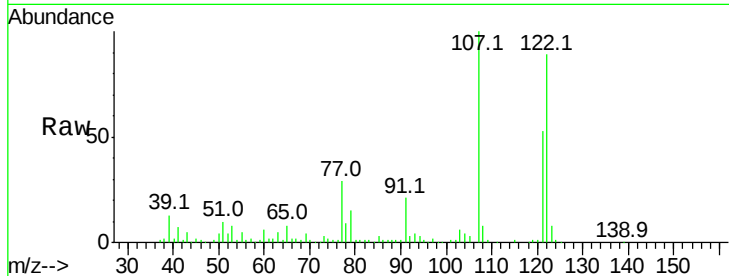




#27
2,4-Dimethylphenol
Concen: 97.13 ng
RT: 6.90 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF094761.D
Acq: 1 May 2017 20:54

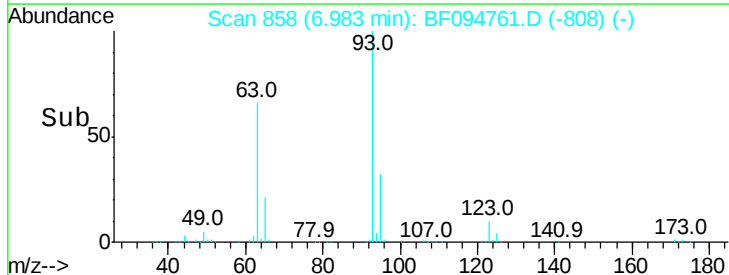
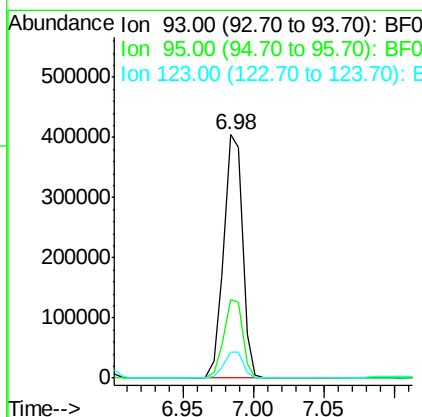
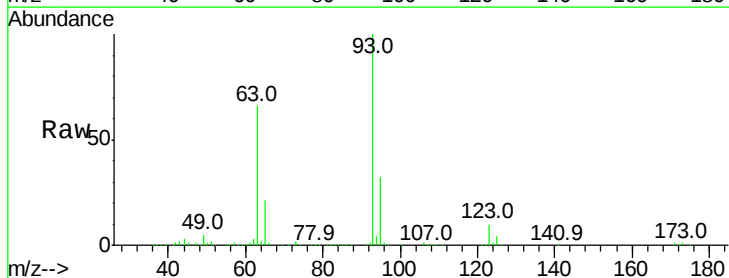
Instrument :
BNA_F
ClientSampleId :
OWS-1MSD

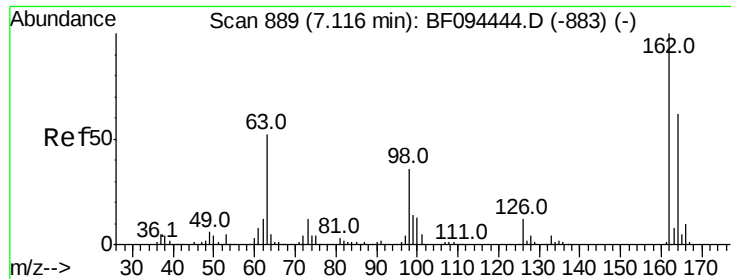
Tot Ion:122 Resp: 285109
Ion Ratio Lower Upper
122 100
107 111.9 89.2 133.8
121 59.1 45.2 67.8



#28
bis(2-Chloroethoxy)methane
Concen: 98.72 ng
RT: 6.98 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF094761.D
Acq: 1 May 2017 20:54

Tgt Ion: 93 Resp: 378096
Ion Ratio Lower Upper
93 100
95 32.3 26.5 39.7
123 10.5 9.0 13.4

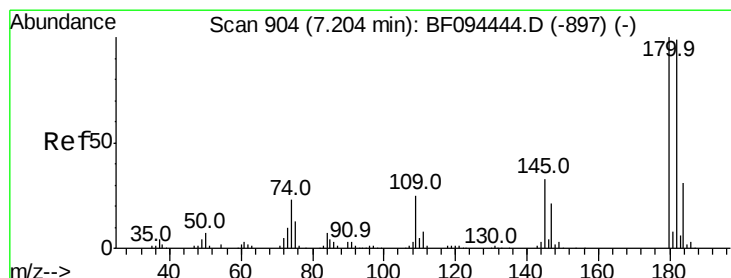
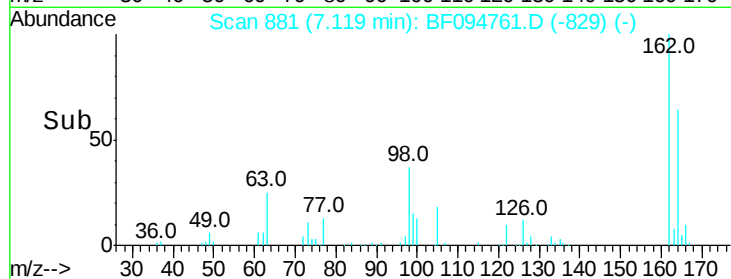
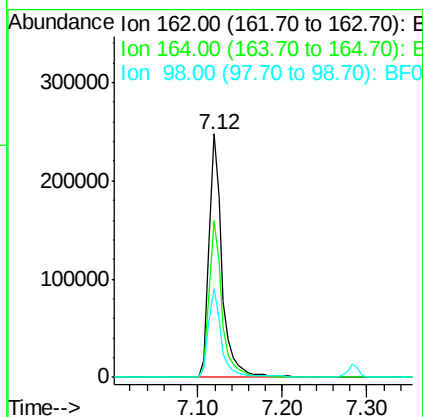
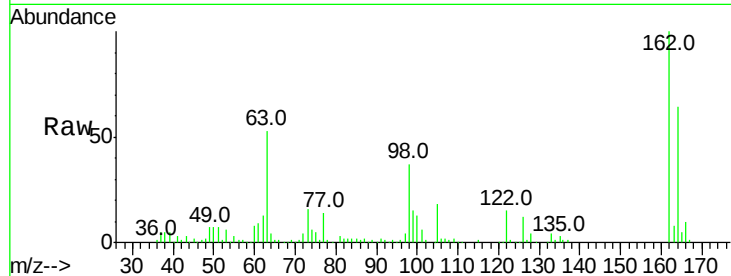




#29
 2,4-Dichlorophenol
 Concen: 99.09 ng
 RT: 7.12 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF094761.D
 Acq: 1 May 2017 20:54

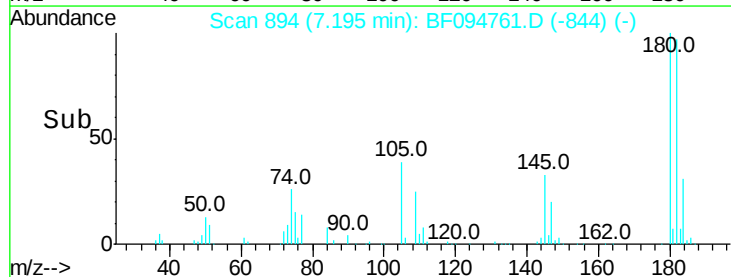
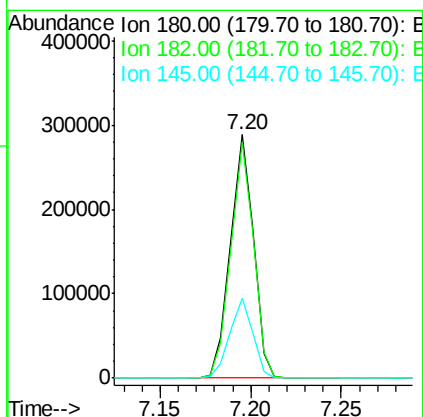
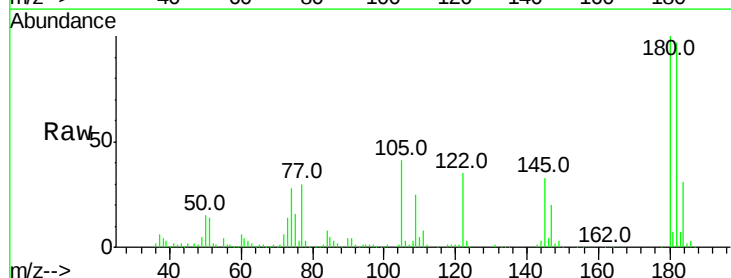
Instrument :
 BNA_F
 ClientSampleId :
 OWS-1MSD

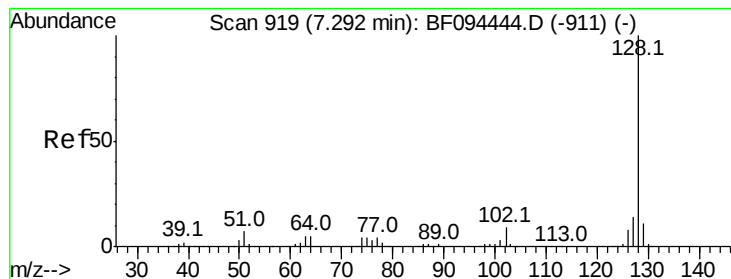
Tot Ion:162 Resp: 270578
 Ion Ratio Lower Upper
 162 100
 164 64.2 44.6 84.6
 98 36.7 14.8 54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 91.50 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF094761.D
 Acq: 1 May 2017 20:54

Tgt Ion:180 Resp: 258321
 Ion Ratio Lower Upper
 180 100
 182 97.0 75.8 113.6
 145 32.7 25.3 37.9





#31

Naphthalene

Concen: 97.25 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF094761.D

Acq: 1 May 2017 20:54

Instrument :

BNA_F

ClientSampleId :

OWS-1MSD

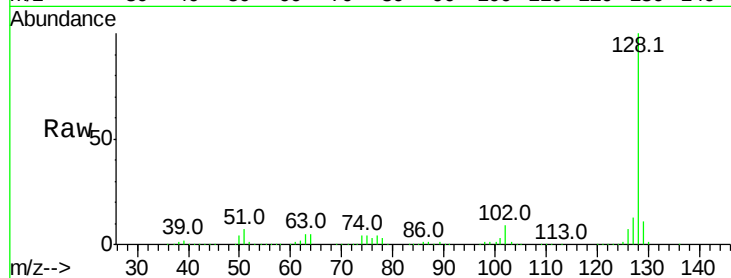
Tot Ion:128 Resp: 922082

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

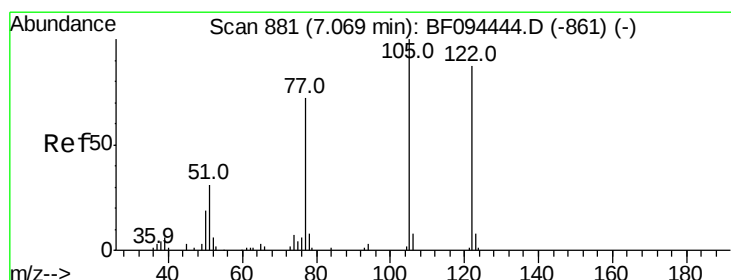
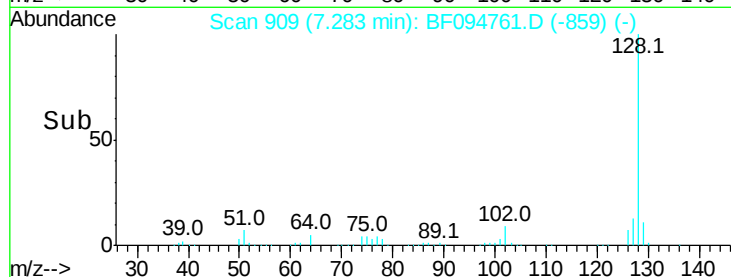
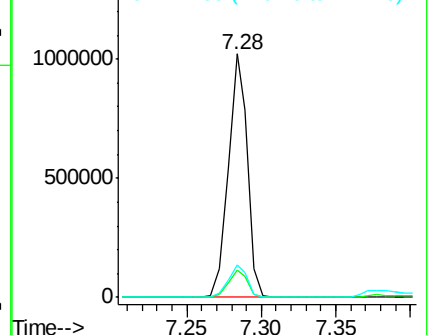
127 13.2 10.8 16.2



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: 393.26 ng

RT: 7.22 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF094761.D

Acq: 1 May 2017 20:54

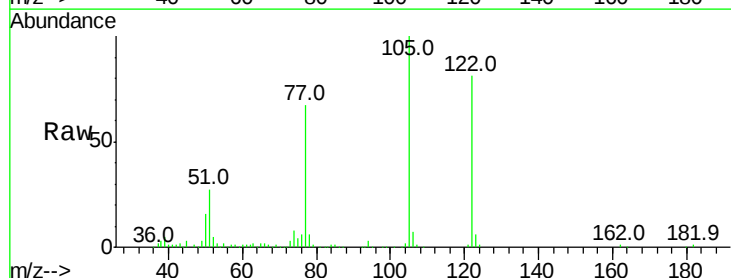
Tgt Ion:122 Resp: 610411

Ion Ratio Lower Upper

122 100

105 122.8 103.3 143.3

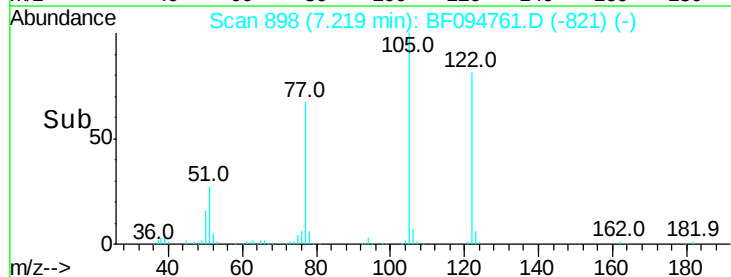
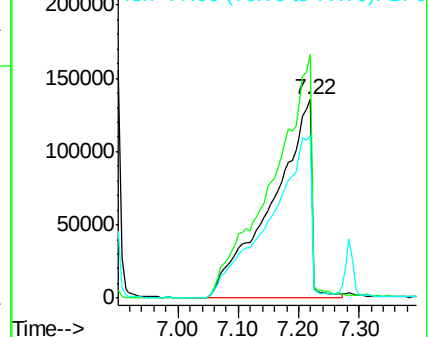
77 82.3 73.7 113.7

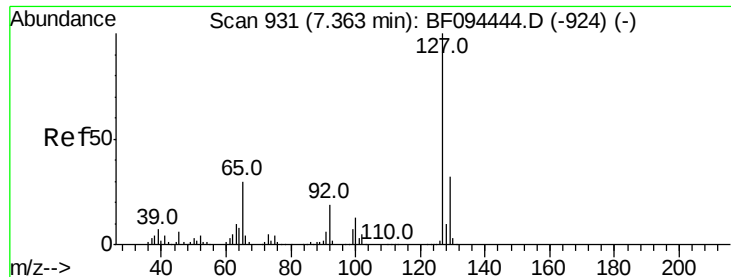


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

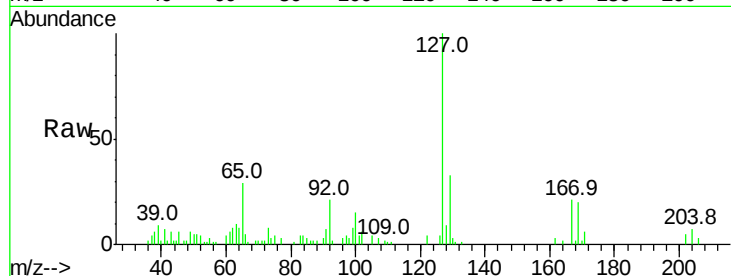




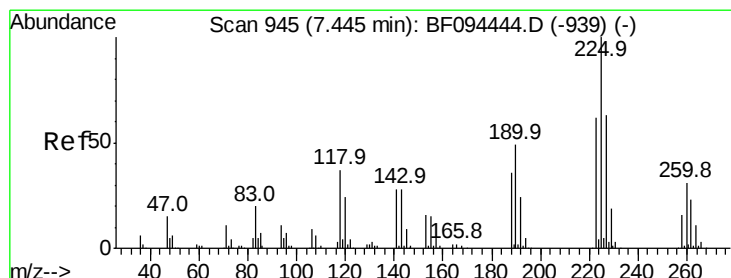
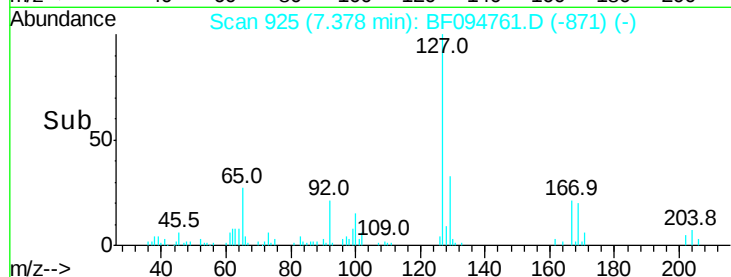
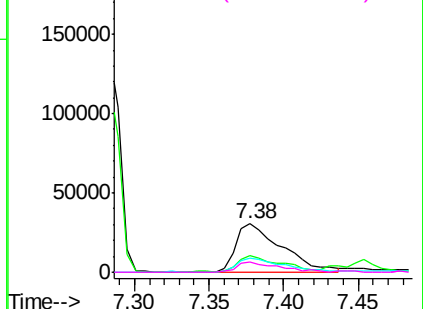
#33
4-Chloroaniline
Concen: 16.62 ng
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: BF094761.D
Acq: 1 May 2017 20:54

Instrument :
BNA_F
ClientSampleId :
OWS-1MSD

Tot Ion:127 Resp: 65562
Ion Ratio Lower Upper
127 100
129 33.2 26.2 39.2
65 29.2 27.8 41.8
92 21.1 16.8 25.2

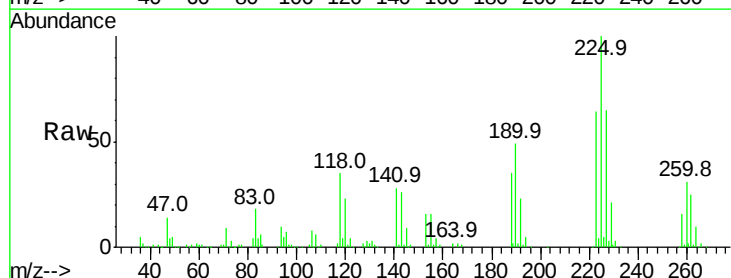


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

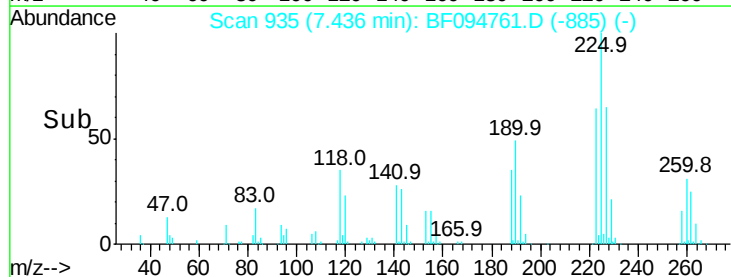
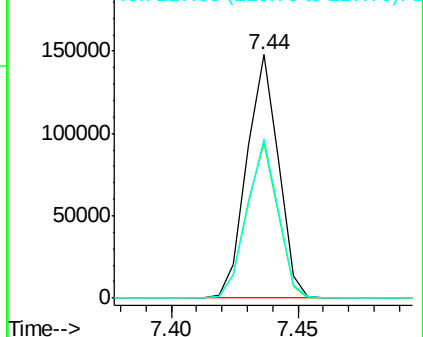


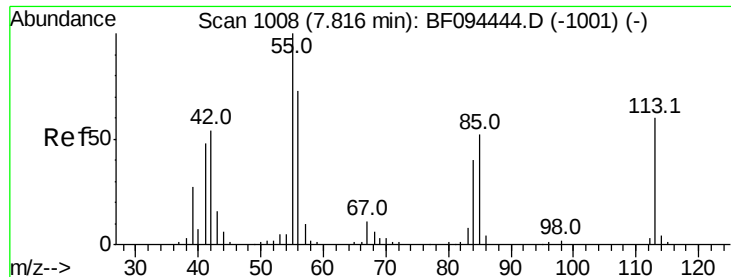
#34
Hexachlorobutadiene
Concen: 91.24 ng
RT: 7.44 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF094761.D
Acq: 1 May 2017 20:54

Tgt Ion:225 Resp: 128419
Ion Ratio Lower Upper
225 100
223 64.0 48.8 73.2
227 65.5 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: 72.56 ng

RT: 7.92 min Scan# 1017

Delta R.T. 0.10 min

Lab File: BF094761.D

Acq: 1 May 2017 20:54

Instrument :

BNA_F

ClientSampleId :

OWS-1MSD

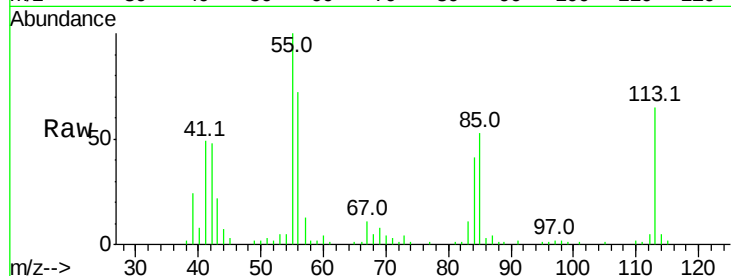
Tot Ion:113 Resp: 62247

Ion Ratio Lower Upper

113 100

55 154.6 150.2 190.2

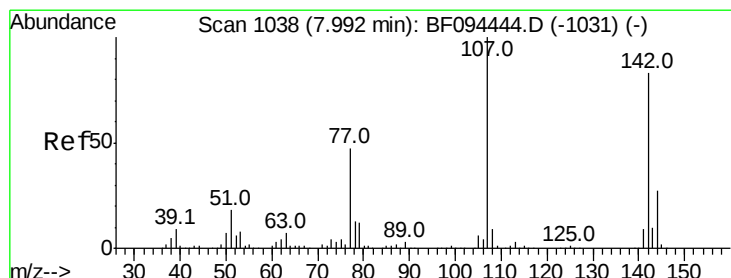
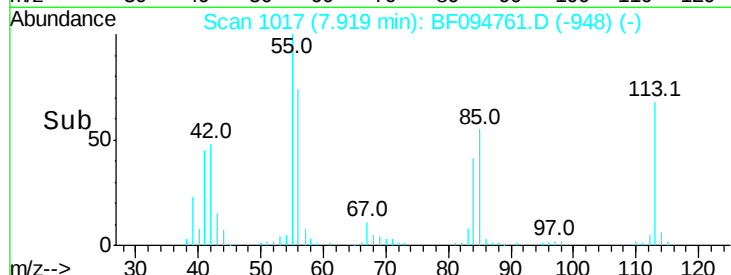
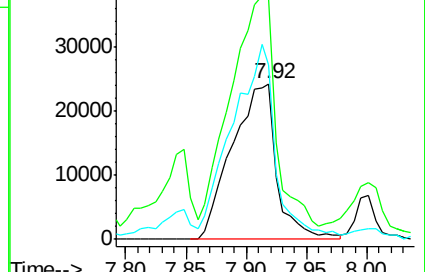
56 111.8 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 89.92 ng

RT: 8.00 min Scan# 1031

Delta R.T. 0.01 min

Lab File: BF094761.D

Acq: 1 May 2017 20:54

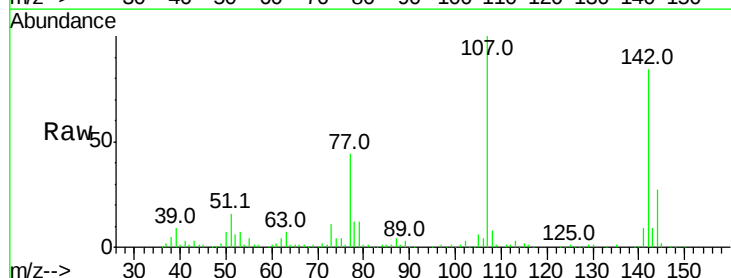
Tgt Ion:107 Resp: 257322

Ion Ratio Lower Upper

107 100

144 26.7 24.2 36.4

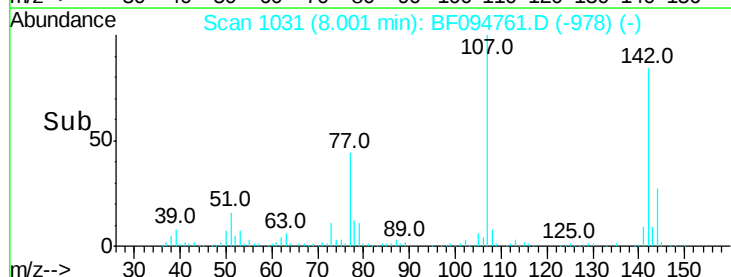
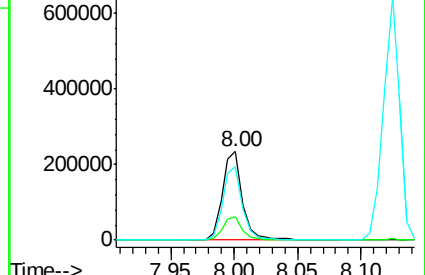
142 83.7 73.4 110.0

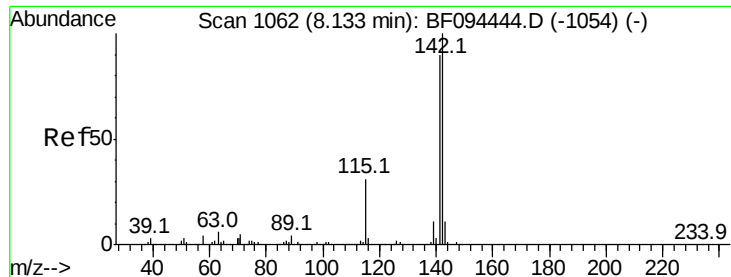


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 90.20 ng

RT: 8.12 min Scan# 1052

Delta R.T. -0.01 min

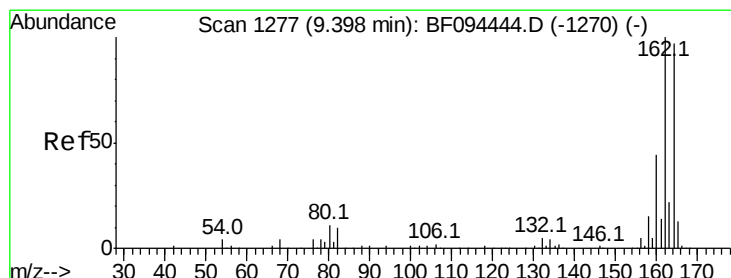
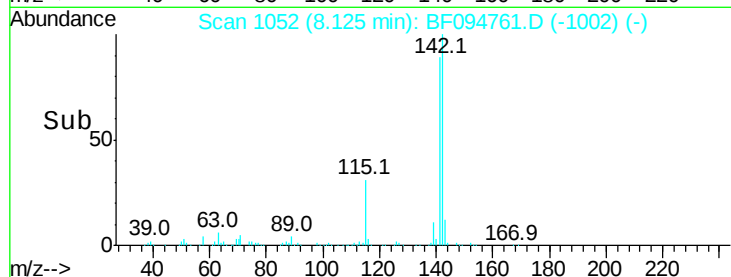
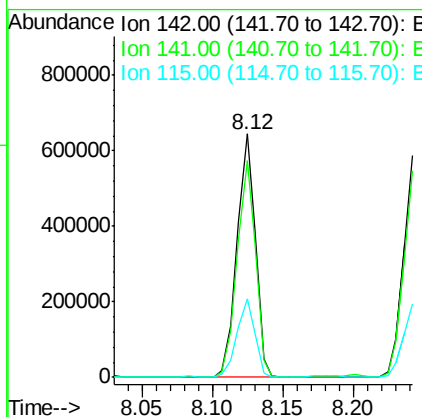
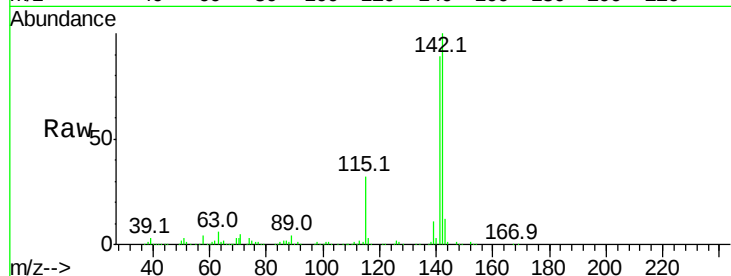
Lab File: BF094761.D

Acq: 1 May 2017 20:54

Instrument :
BNA_F
ClientSampleId :
OWS-1MSD

Tot Ion:142 Resp: 585141

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.3	106.9
115	32.1	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.39 min Scan# 1267

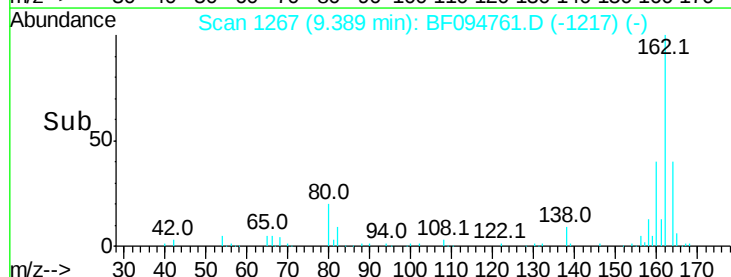
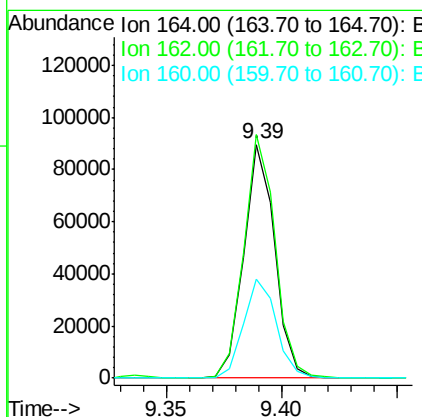
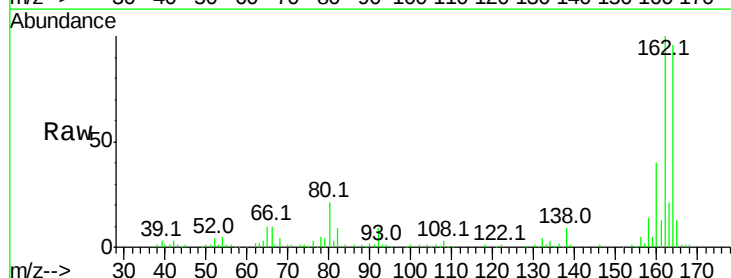
Delta R.T. -0.01 min

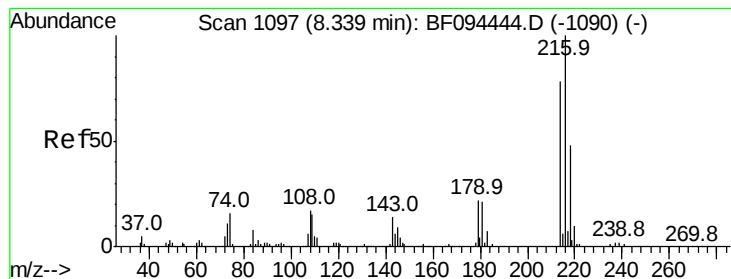
Lab File: BF094761.D

Acq: 1 May 2017 20:54

Tgt Ion:164 Resp: 83841

Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.6	123.8
160	42.2	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 96.81 ng

RT: 8.33 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF094761.D

Acq: 1 May 2017 20:54

Instrument :

BNA_F

ClientSampleId :

OWS-1MSD

Tot Ion:216 Resp: 231130

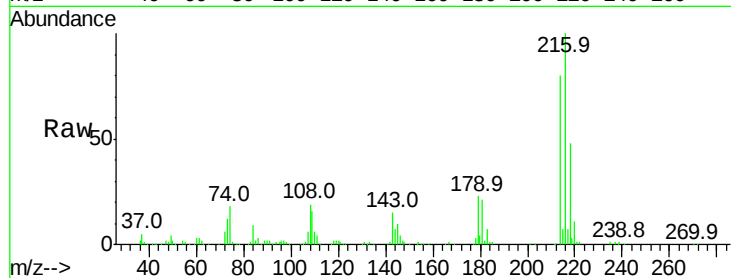
Ion Ratio Lower Upper

216 100

214 79.7 63.4 95.2

179 22.1 17.9 26.9

108 19.4 16.5 24.7

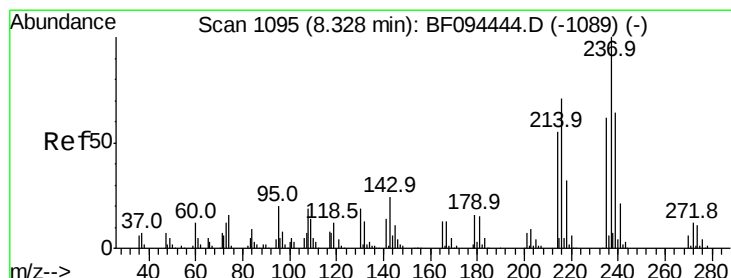
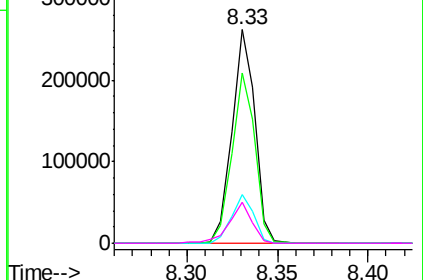
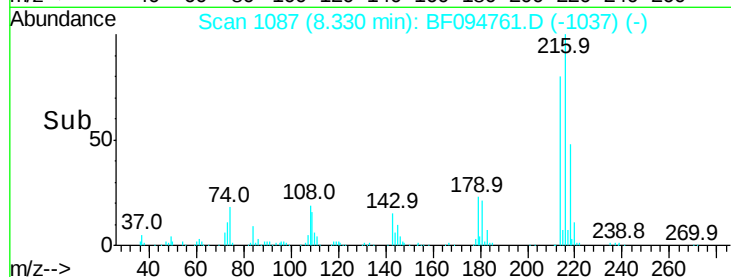


Abundance Ion 216.00 (215.70 to 216.70): E

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: 98.98 ng

RT: 8.31 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BF094761.D

Acq: 1 May 2017 20:54

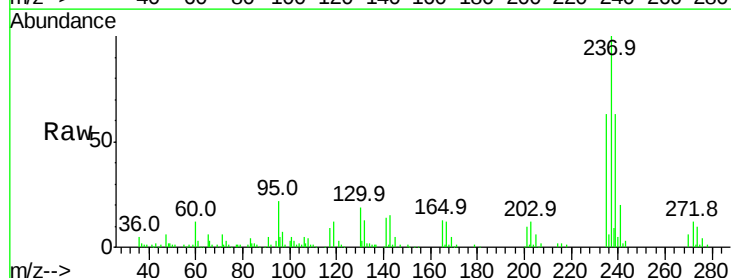
Tgt Ion:237 Resp: 95600

Ion Ratio Lower Upper

237 100

235 62.5 42.6 82.6

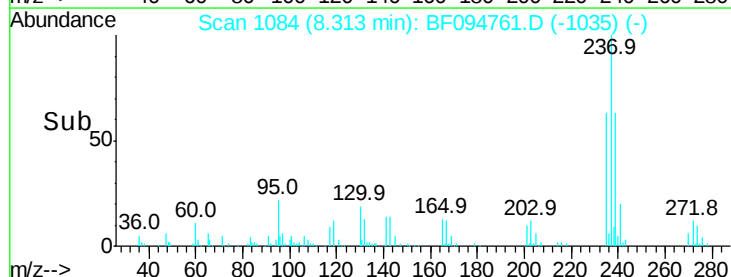
272 12.3 0.0 31.9



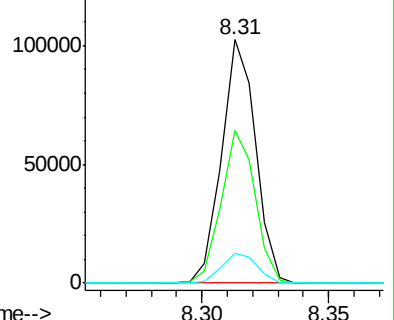
Abundance Ion 236.80 (236.50 to 237.50): E

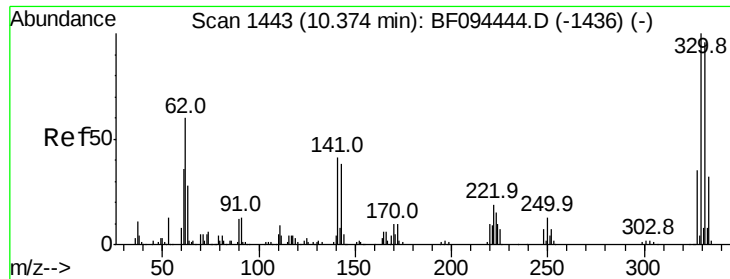
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

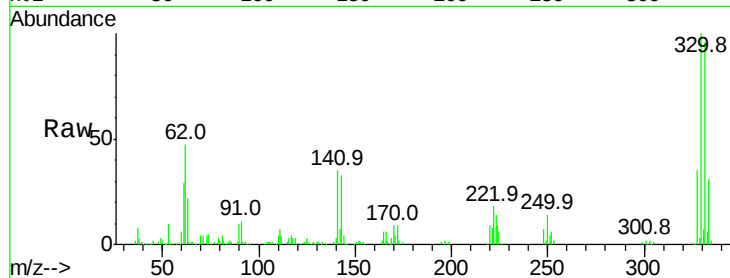




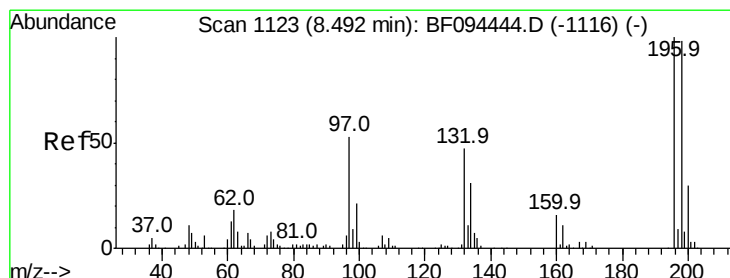
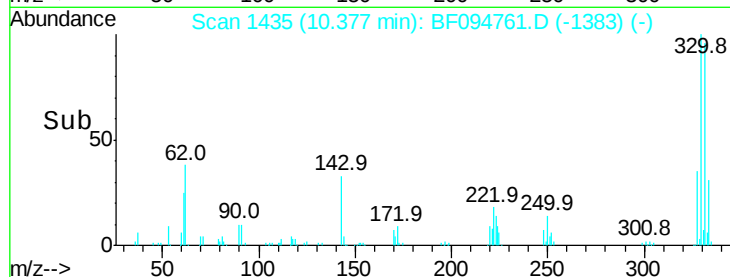
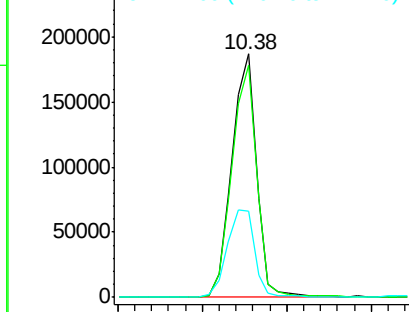
#41
 2,4,6-Tribromophenol
 Concen: 290.09 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094761.D
 Acq: 1 May 2017 20:54

Instrument :
 BNA_F
 ClientSampleId :
 OWS-1MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	40.3	31.4	47.2

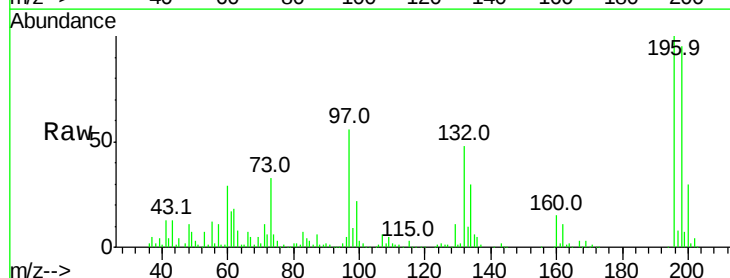


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

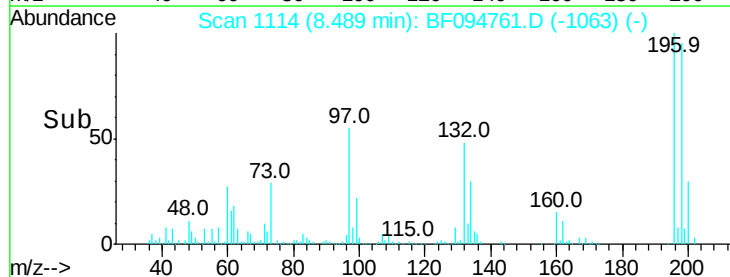
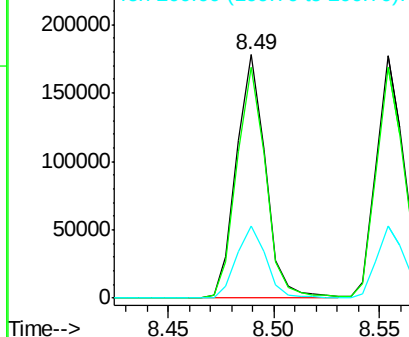


#42
 2,4,6-Trichlorophenol
 Concen: 101.35 ng
 RT: 8.49 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF094761.D
 Acq: 1 May 2017 20:54

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	74.2	111.4
200	29.8	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

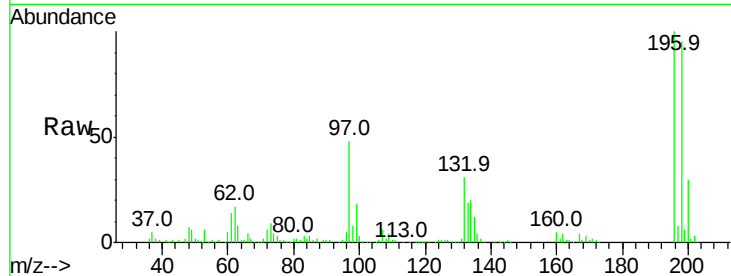




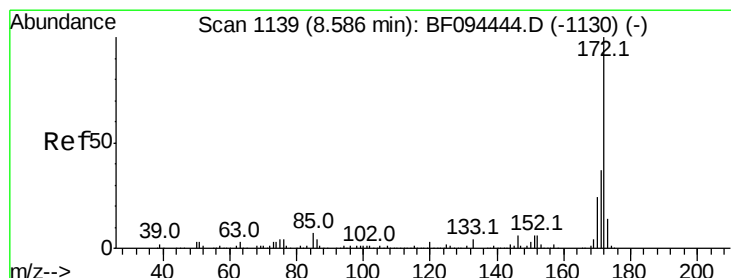
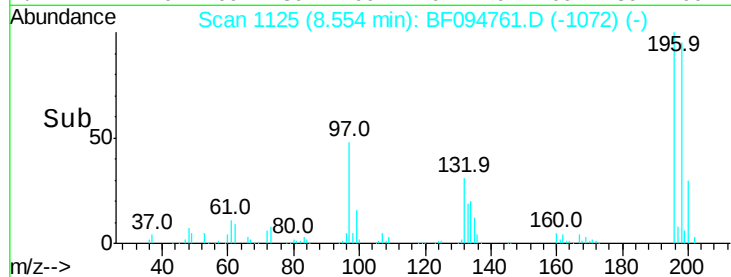
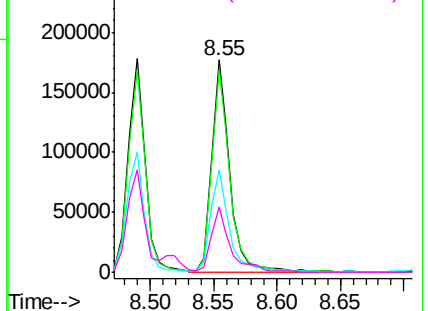
#43
 2,4,5-Trichlorophenol
 Concen: 102.02 ng
 RT: 8.55 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF094761.D
 Acq: 1 May 2017 20:54

Instrument :
 BNA_F
 ClientSampleId :
 OWS-1MSD

Tot Ion:196 Resp: 175655
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.7 113.5
 97 48.2 47.7 71.5
 132 30.7 28.0 42.0

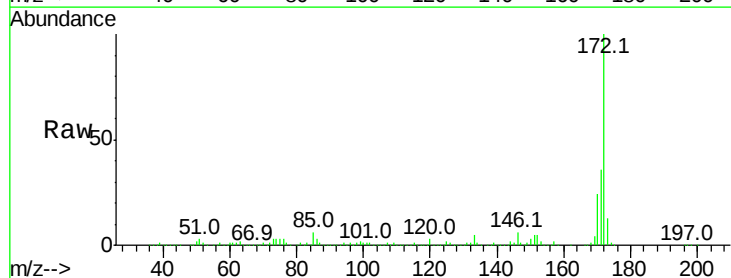


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

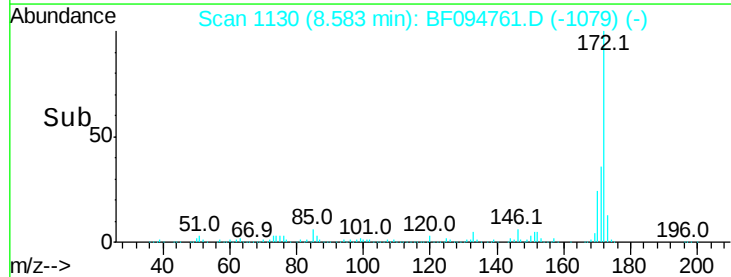
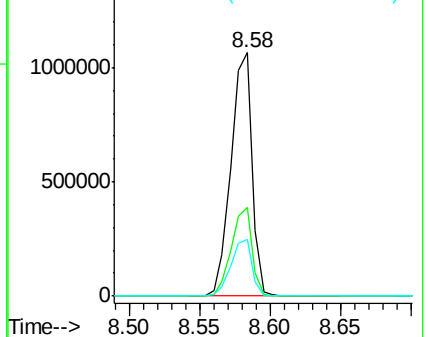


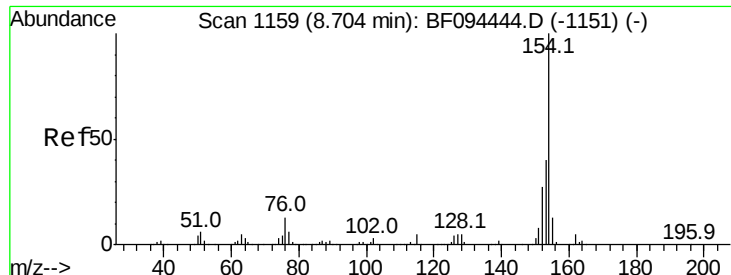
#44
 2-Fluorobiphenyl
 Concen: 194.48 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094761.D
 Acq: 1 May 2017 20:54

Tgt Ion:172 Resp: 1108193
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.6 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: 103.53 ng

RT: 8.70 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF094761.D

Acq: 1 May 2017 20:54

Instrument :

BNA_F

ClientSampleId :

OWS-1MSD

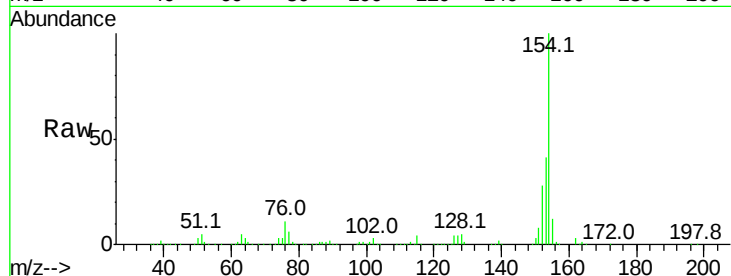
Tot Ion:154 Resp: 709173

Ion Ratio Lower Upper

154 100

153 40.6 21.2 61.2

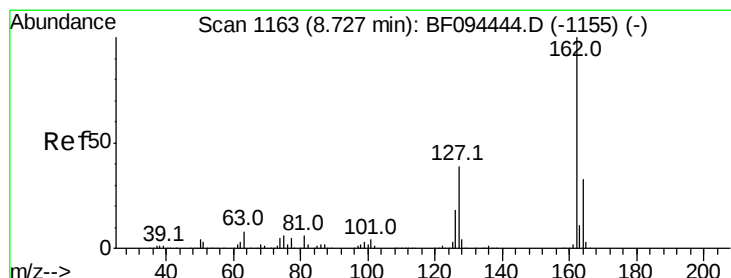
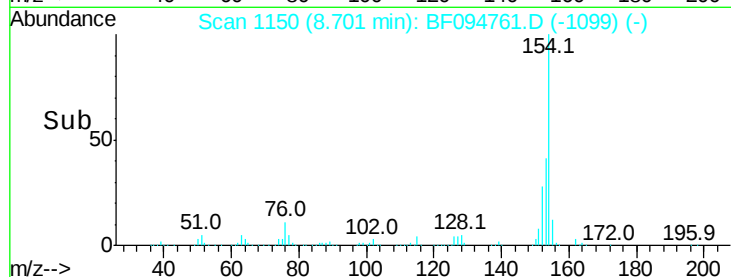
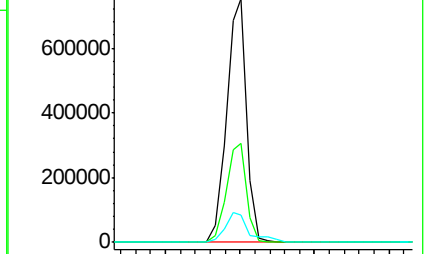
76 11.3 0.0 29.9



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: 102.13 ng

RT: 8.72 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF094761.D

Acq: 1 May 2017 20:54

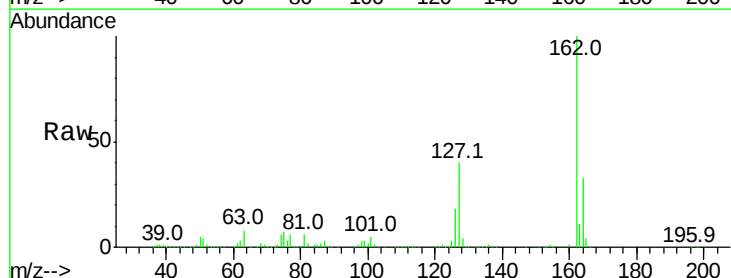
Tgt Ion:162 Resp: 556296

Ion Ratio Lower Upper

162 100

127 39.5 28.3 42.5

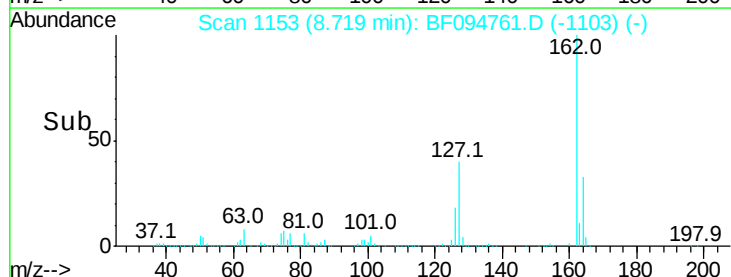
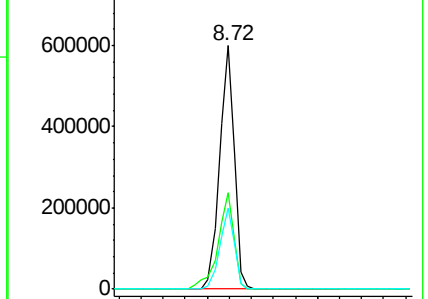
164 33.2 27.0 40.4

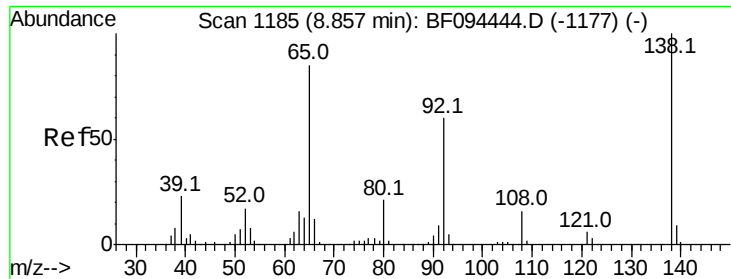


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

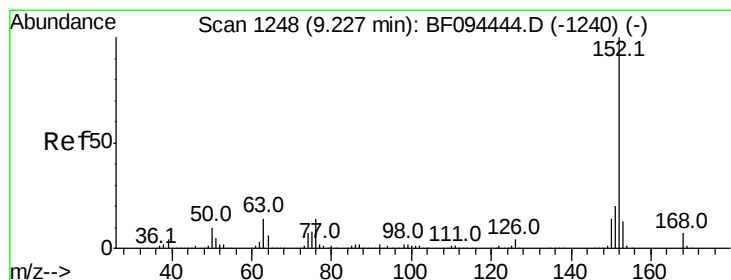
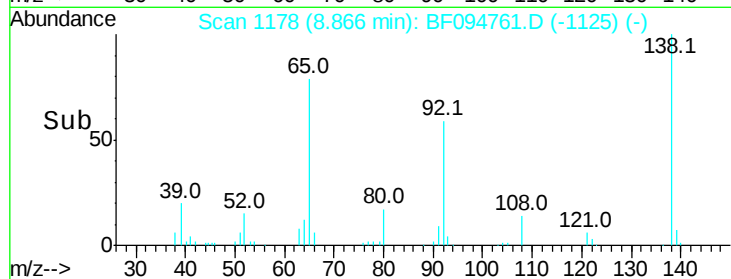
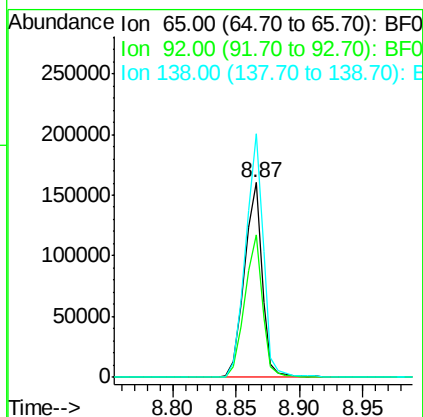
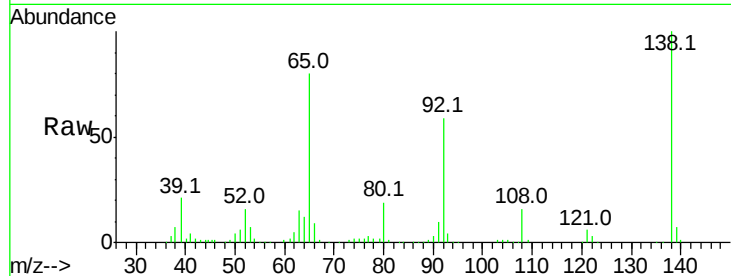




#47
2-Nitroaniline
Concen: 99.48 ng
RT: 8.87 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BF094761.D
Acq: 1 May 2017 20:54

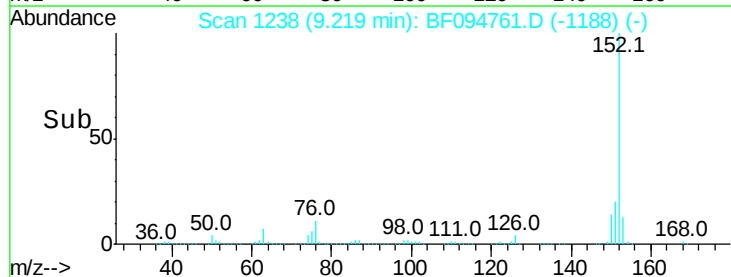
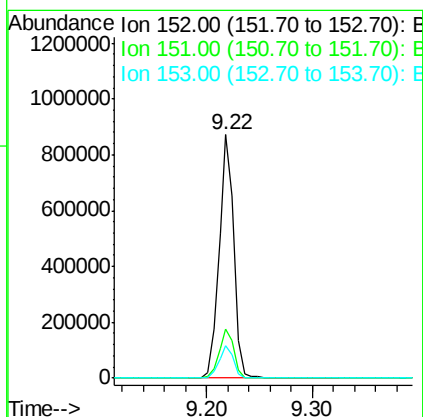
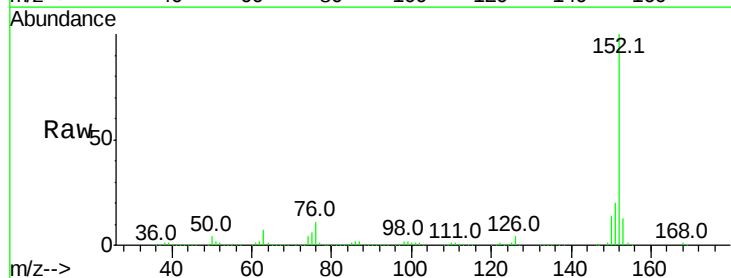
Instrument :
BNA_F
ClientSampleId :
OWS-1MSD

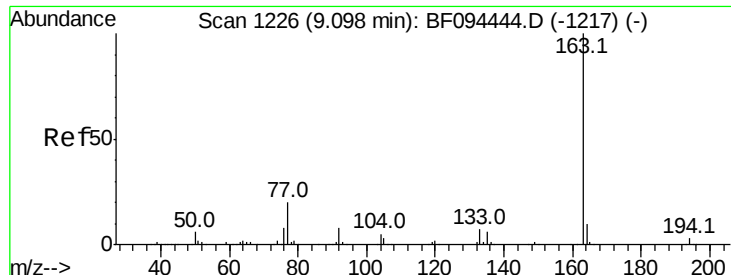
Tot Ion: 65 Resp: 155864
Ion Ratio Lower Upper
65 100
92 73.2 53.9 80.9
138 124.9 78.8 118.2#



#48
Acenaphthylene
Concen: 100.32 ng
RT: 9.22 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF094761.D
Acq: 1 May 2017 20:54

Tgt Ion:152 Resp: 851787
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 13.3 10.8 16.2

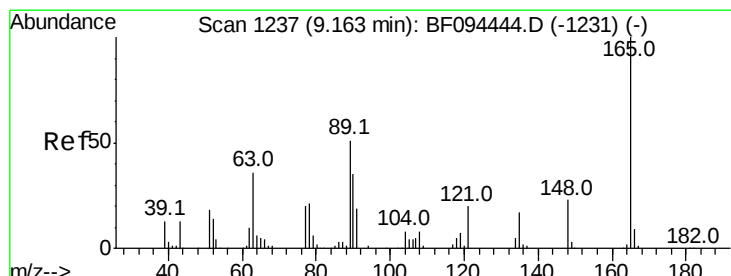
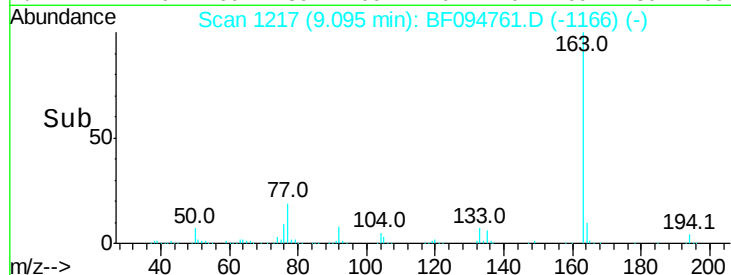
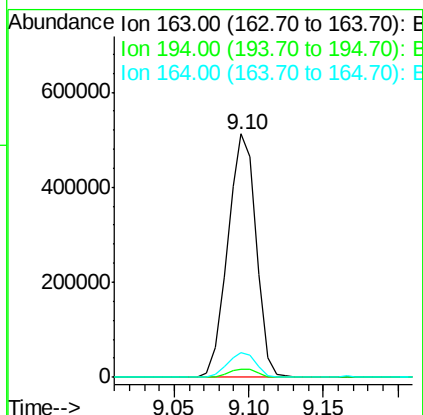
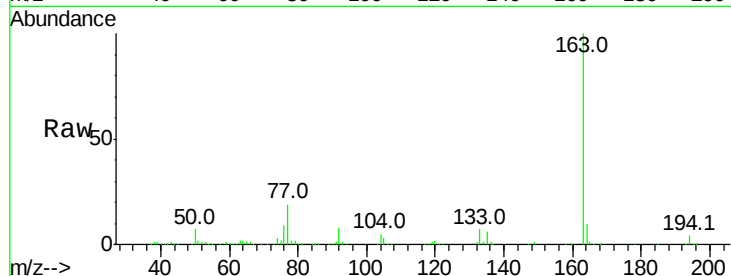




#49
Dimethylphthalate
Concen: 109.37 ng
RT: 9.10 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF094761.D
Acq: 1 May 2017 20:54

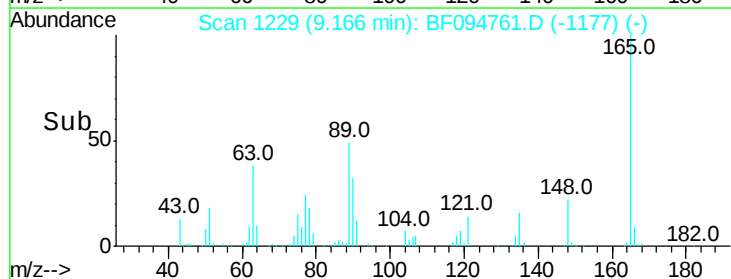
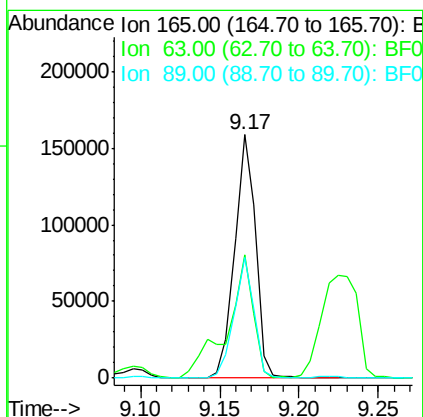
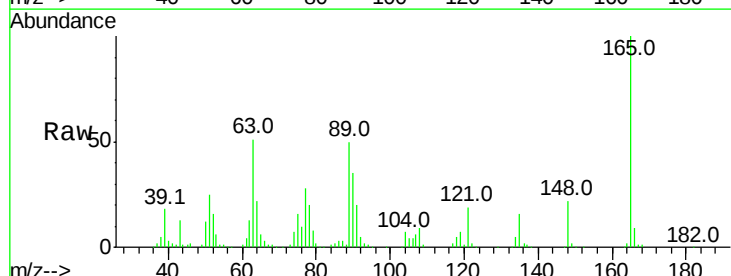
Instrument :
BNA_F
ClientSampleId :
OWS-1MSD

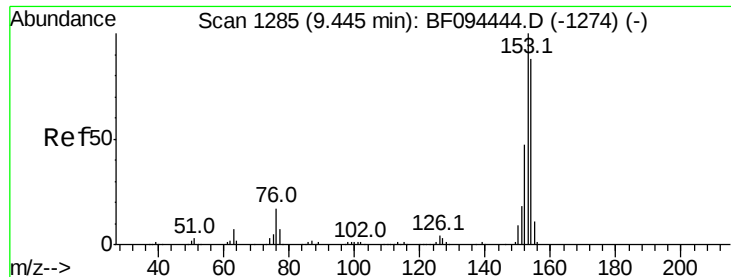
Tot Ion:163 Resp: 683376
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.3 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 103.33 ng
RT: 9.17 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF094761.D
Acq: 1 May 2017 20:54

Tgt Ion:165 Resp: 144911
Ion Ratio Lower Upper
165 100
63 50.8 34.3 51.5
89 49.8 37.1 55.7





#51

Acenaphthene

Concen: 98.35 ng

RT: 9.44 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF094761.D

Acq: 1 May 2017 20:54

Instrument :

BNA_F

ClientSampleId :

OWS-1MSD

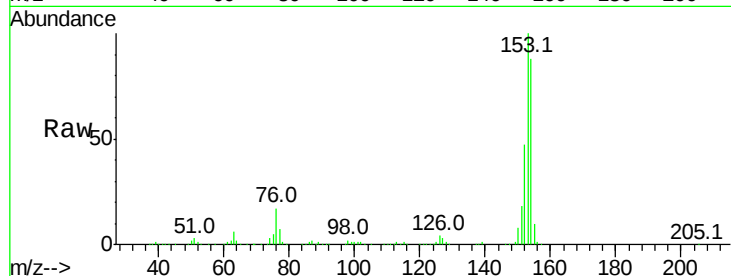
Tot Ion:154 Resp: 500173

Ion Ratio Lower Upper

154 100

153 113.0 90.5 135.7

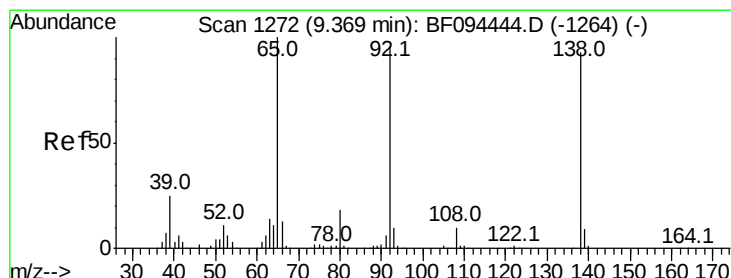
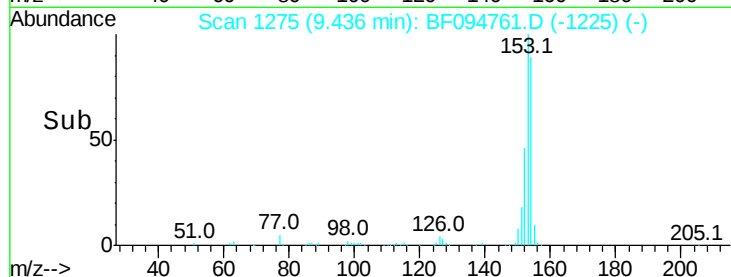
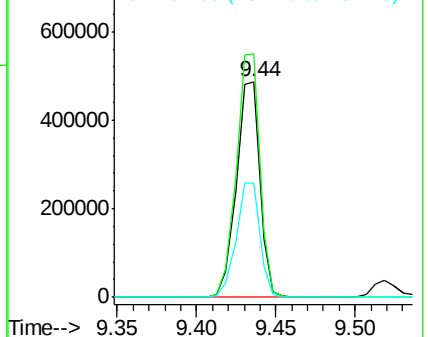
152 53.2 43.6 65.4



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: 33.85 ng

RT: 9.37 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BF094761.D

Acq: 1 May 2017 20:54

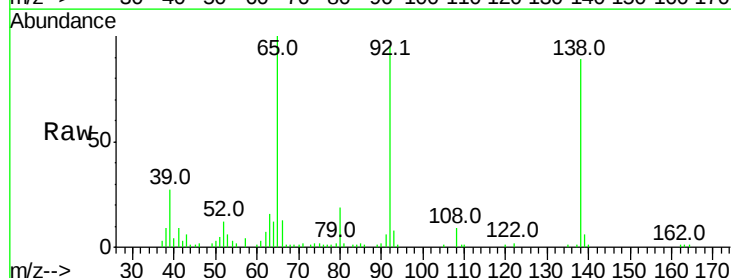
Tgt Ion:138 Resp: 54918

Ion Ratio Lower Upper

138 100

108 10.1 9.1 13.7

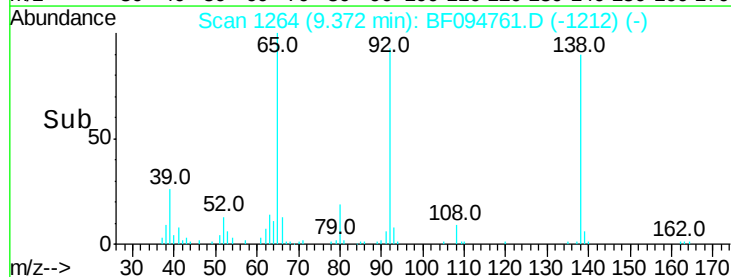
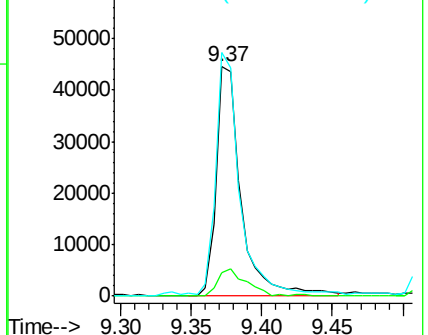
92 106.2 93.8 140.6

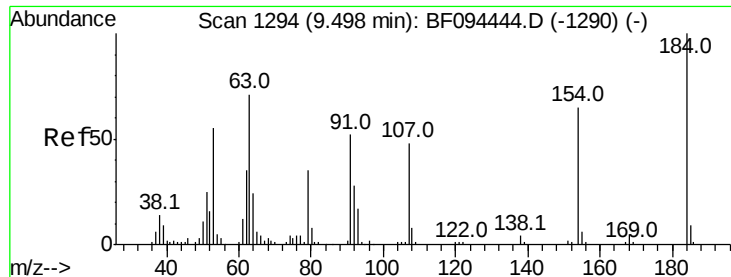


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

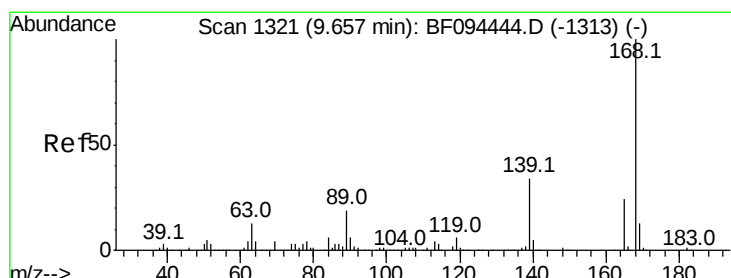
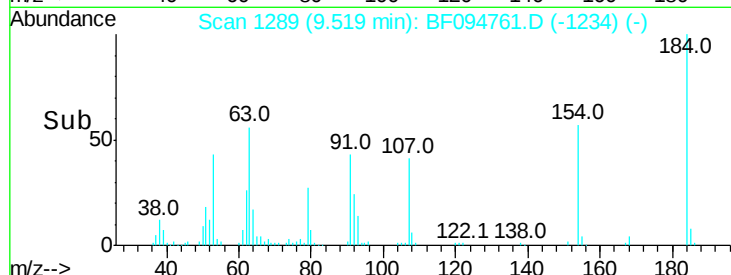
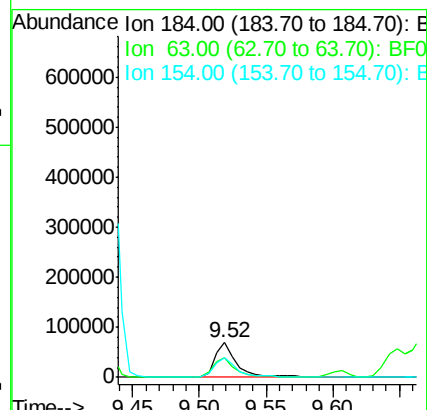
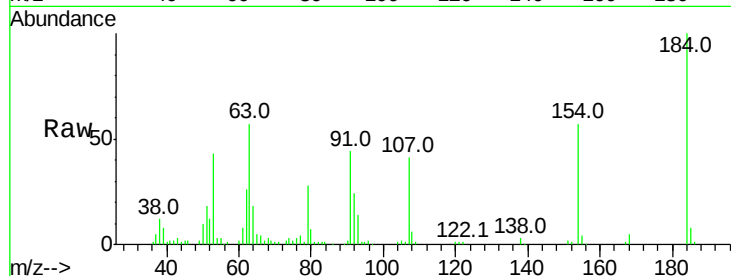




#53
 2,4-Dinitrophenol
 Concen: 105.47 ng
 RT: 9.52 min Scan# 1289
 Delta R.T. 0.02 min
 Lab File: BF094761.D
 Acq: 1 May 2017 20:54

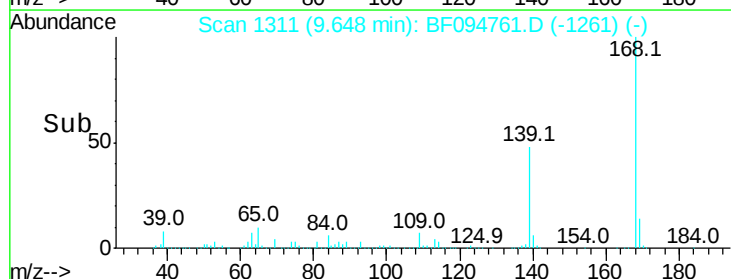
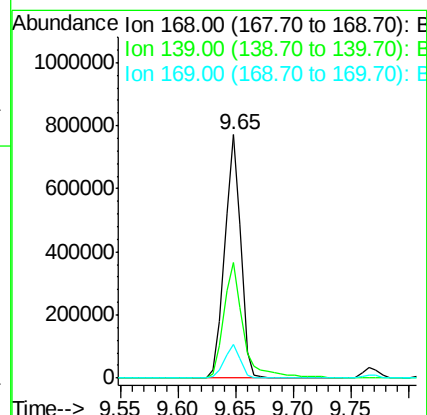
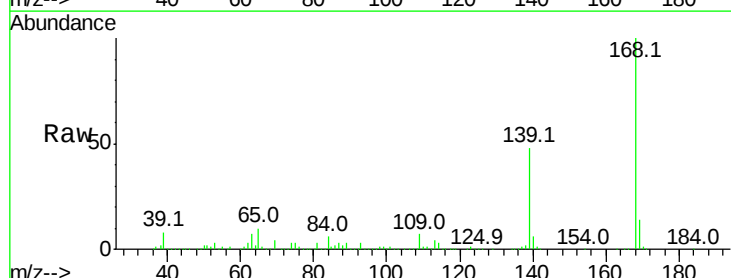
Instrument :
 BNA_F
 ClientSampleId :
 OWS-1MSD

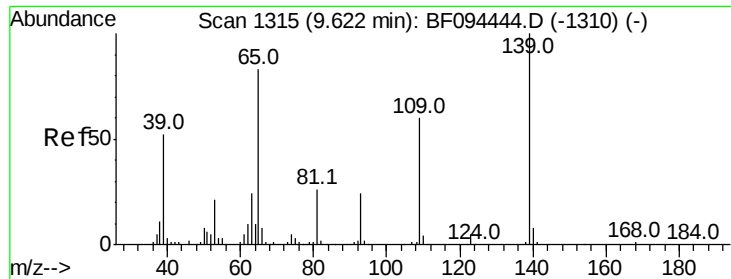
Tot Ion:184 Resp: 81769
 Ion Ratio Lower Upper
 184 100
 63 57.0 62.7 94.1#
 154 57.2 81.1 121.7#



#54
 Dibenzofuran
 Concen: 99.98 ng
 RT: 9.65 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF094761.D
 Acq: 1 May 2017 20:54

Tgt Ion:168 Resp: 739004
 Ion Ratio Lower Upper
 168 100
 139 47.7 30.6 45.8#
 169 13.6 10.8 16.2

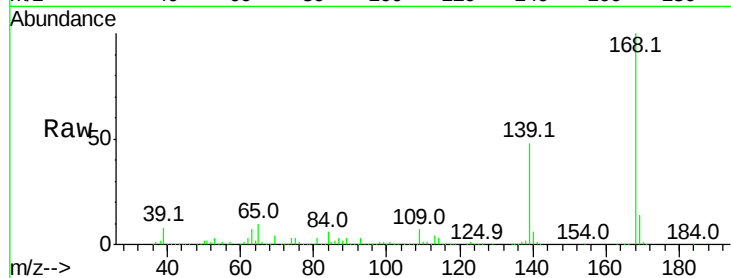




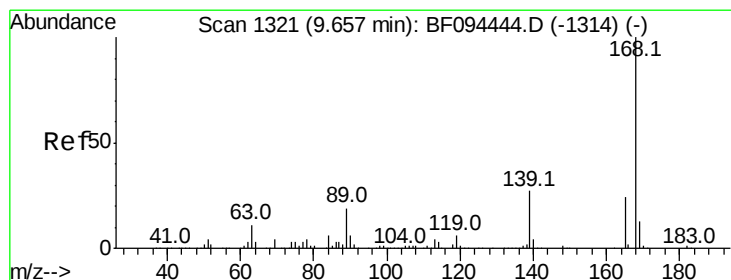
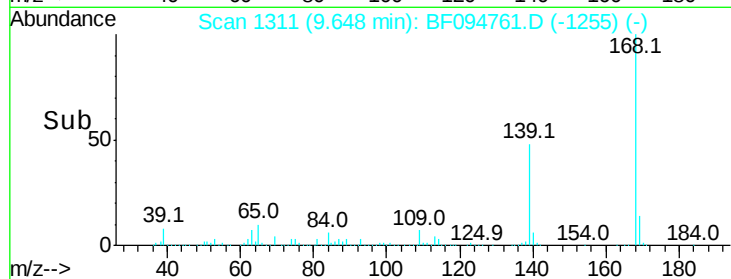
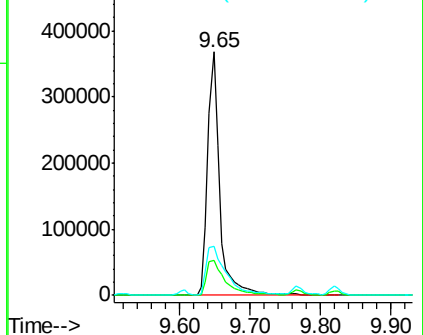
#55
4-Nitrophenol
Concen: 381.86 ng
RT: 9.65 min Scan# 1311
Delta R.T. 0.03 min
Lab File: BF094761.D
Acq: 1 May 2017 20:54

Instrument :
BNA_F
ClientSampleId :
OWS-1MSD

Tot Ion:139 Resp: 437731
Ion Ratio Lower Upper
139 100
109 14.1 34.1 74.1#
65 20.4 31.4 71.4#

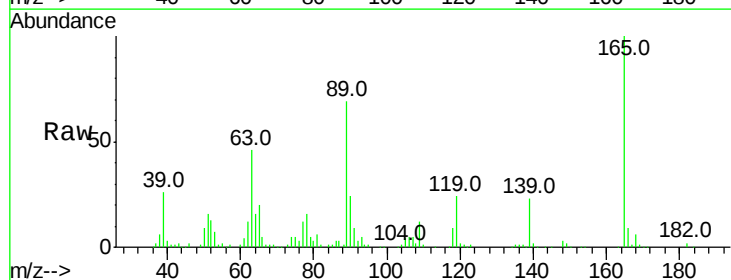


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

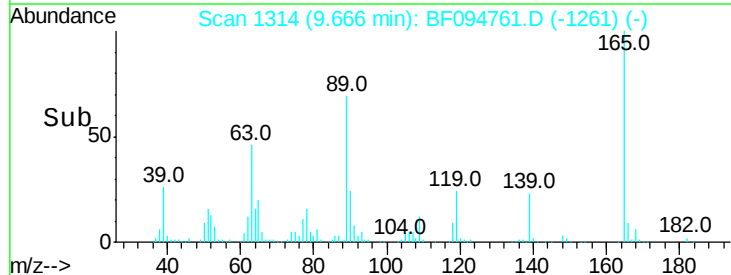
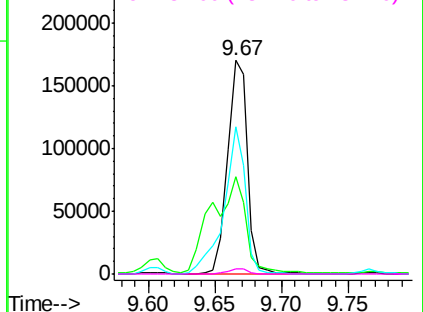


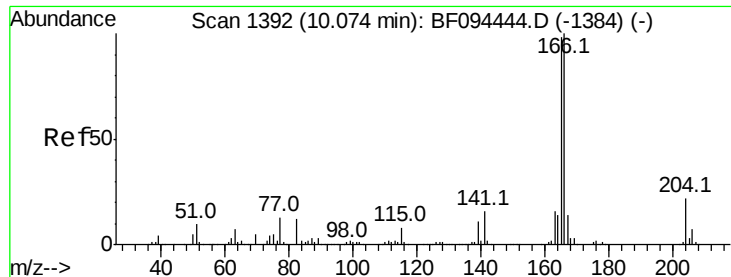
#56
2,4-Dinitrotoluene
Concen: 104.40 ng
RT: 9.67 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF094761.D
Acq: 1 May 2017 20:54

Tgt Ion:165 Resp: 179648
Ion Ratio Lower Upper
165 100
63 45.6 25.4 38.0#
89 69.2 46.4 69.6
182 2.3 1.8 2.6



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
Ion 182.00 (181.70 to 182.70): E

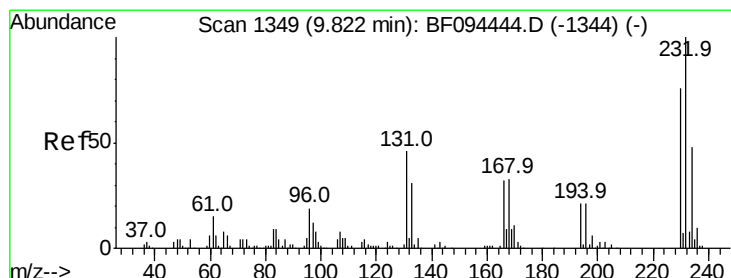
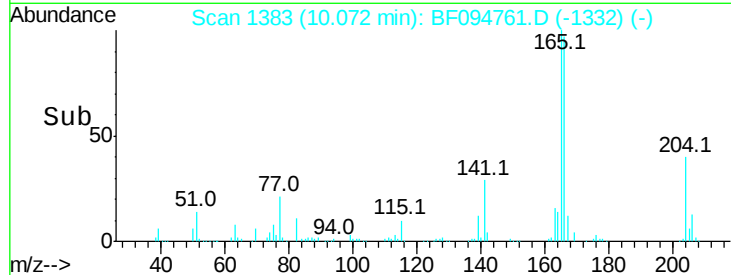
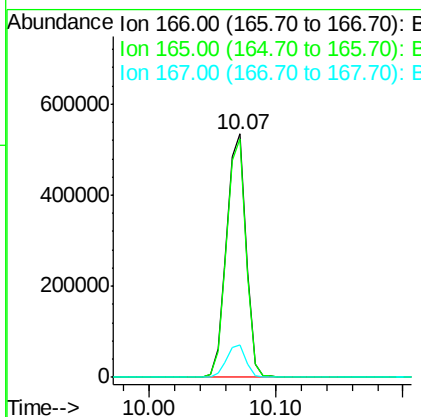
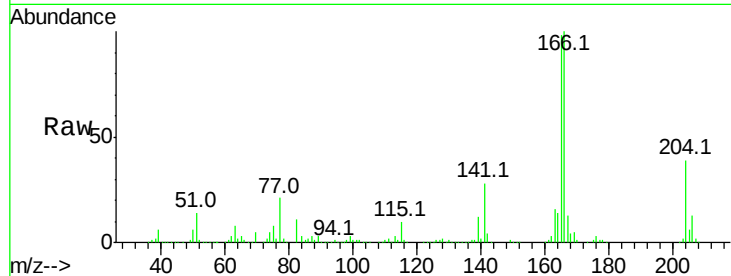




#57
 Fluorene
 Concen: 98.45 ng
 RT: 10.07 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: BF094761.D
 Acq: 1 May 2017 20:54

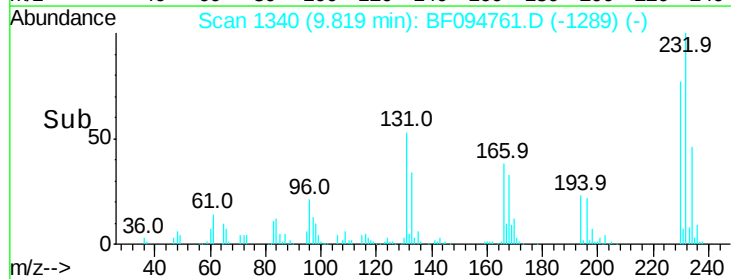
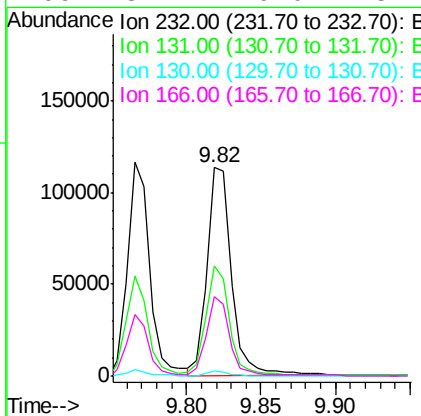
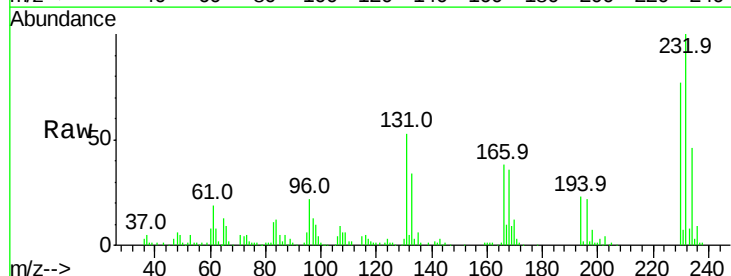
Instrument :
 BNA_F
 ClientSampleId :
 OWS-1MSD

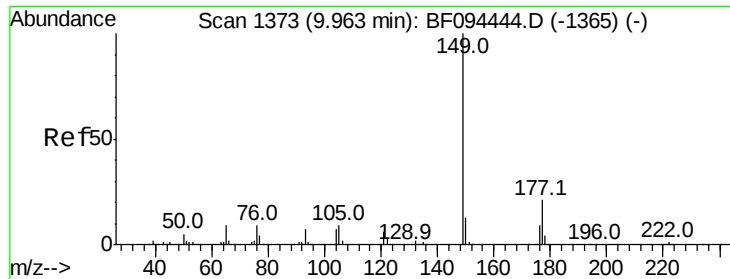
Tot Ion:166 Resp: 566667
 Ion Ratio Lower Upper
 166 100
 165 97.7 78.8 118.2
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 104.28 ng
 RT: 9.82 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF094761.D
 Acq: 1 May 2017 20:54

Tgt Ion:232 Resp: 128688
 Ion Ratio Lower Upper
 232 100
 131 51.4 44.8 67.2
 130 2.3 2.3 3.5
 166 37.1 29.0 43.4

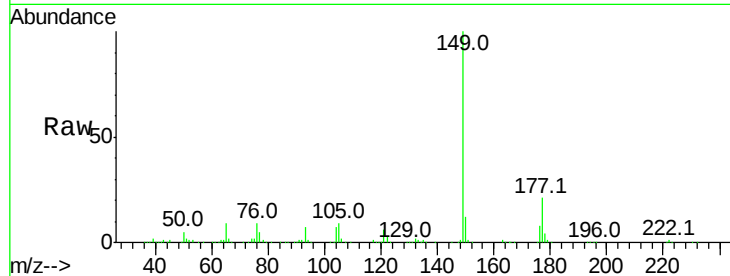




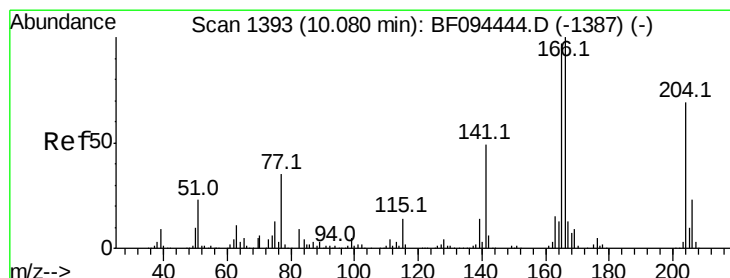
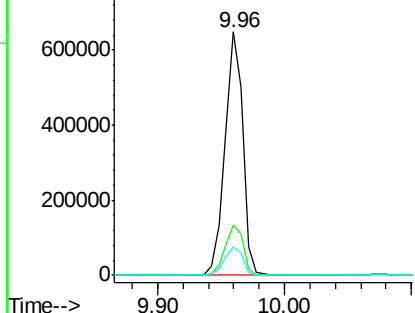
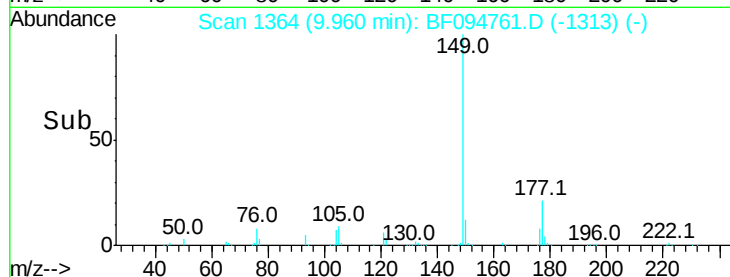
#59
Diethylphthalate
Concen: 106.83 ng
RT: 9.96 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF094761.D
Acq: 1 May 2017 20:54

Instrument :
BNA_F
ClientSampleId :
OWS-1MSD

Tot Ion:149 Resp: 629813
Ion Ratio Lower Upper
149 100
177 20.5 16.7 25.1
150 11.9 10.2 15.2

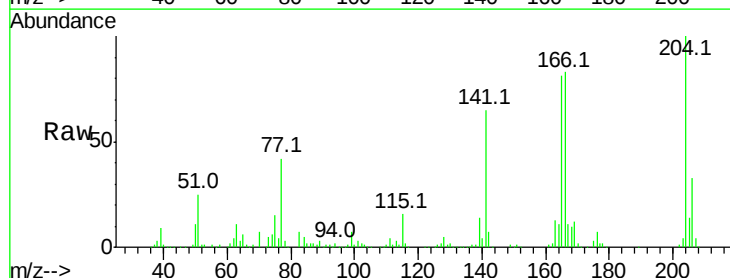


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

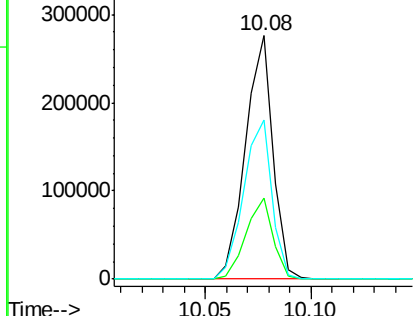
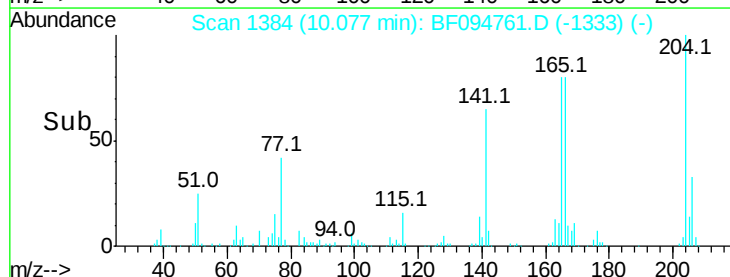


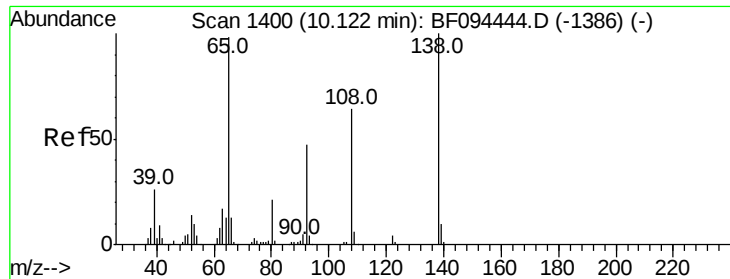
#60
4-Chlorophenyl-phenylether
Concen: 103.93 ng
RT: 10.08 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF094761.D
Acq: 1 May 2017 20:54

Tgt Ion:204 Resp: 248950
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.2
141 65.1 60.8 91.2



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

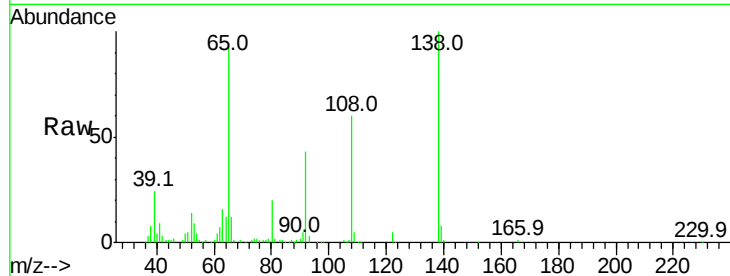




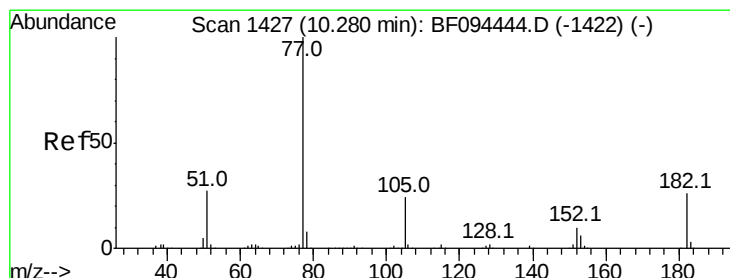
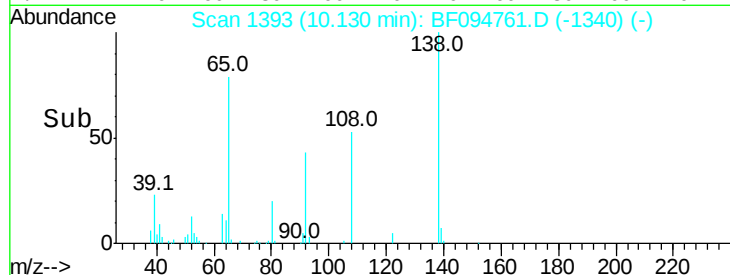
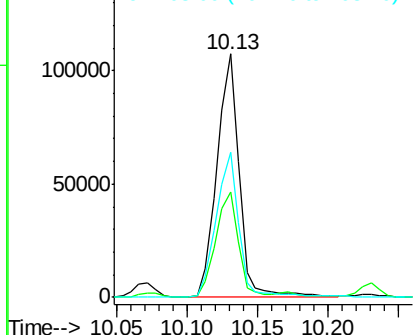
#61
4-Nitroaniline
Concen: 72.27 ng
RT: 10.13 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF094761.D
Acq: 1 May 2017 20:54

Instrument :
BNA_F
ClientSampleId :
OWS-1MSD

Tot Ion:138 Resp: 119206
Ion Ratio Lower Upper
138 100
92 43.5 21.8 61.8
108 59.7 42.3 82.3

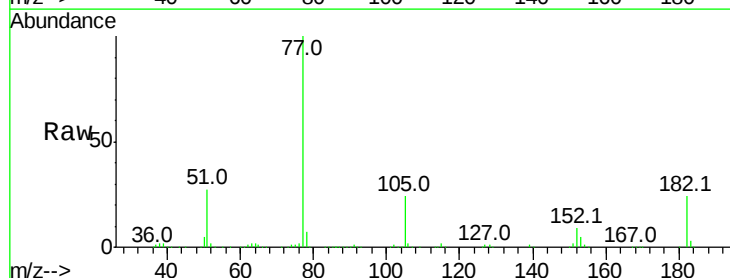


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

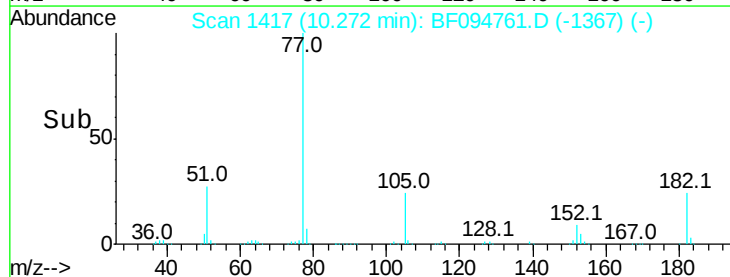
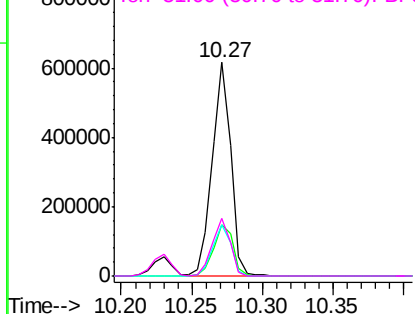


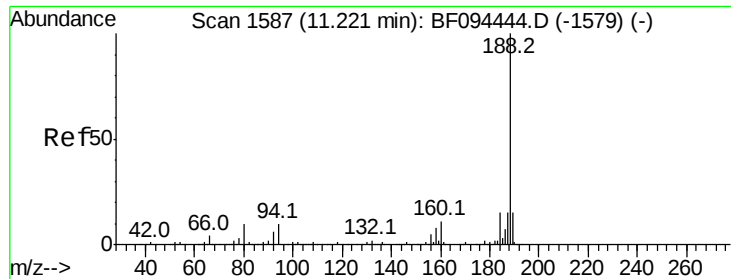
#62
Azobenzene
Concen: 98.17 ng
RT: 10.27 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF094761.D
Acq: 1 May 2017 20:54

Tgt Ion: 77 Resp: 561936
Ion Ratio Lower Upper
77 100
182 24.3 0.1 40.1
105 24.1 3.6 43.6
51 26.8 9.4 49.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

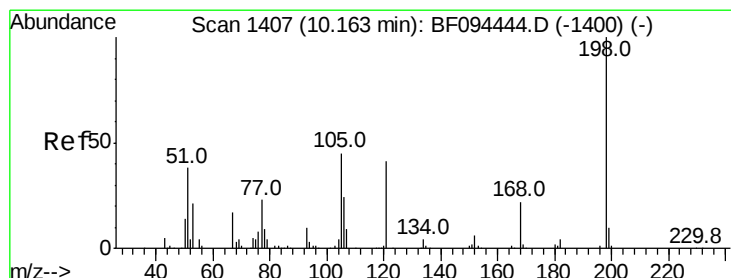
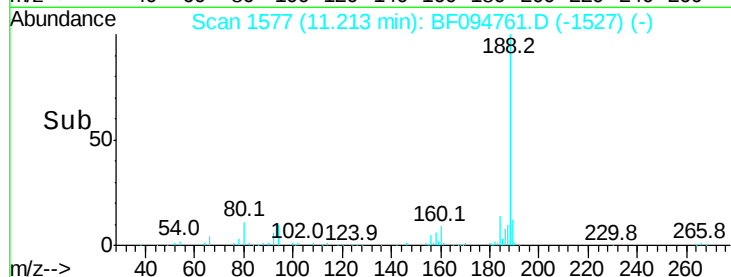
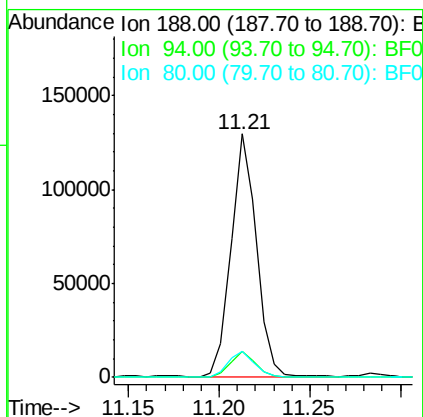
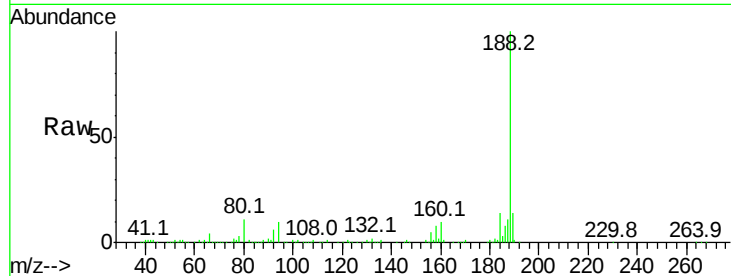




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094761.D
Acq: 1 May 2017 20:54

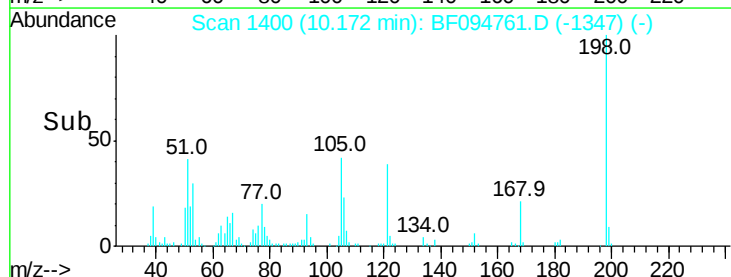
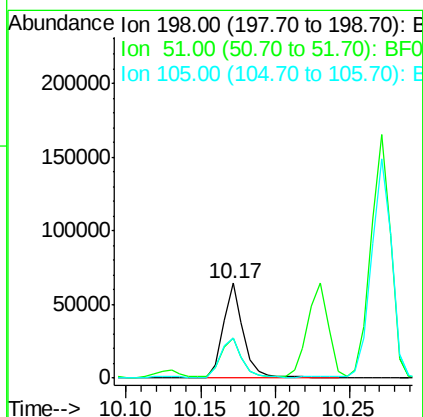
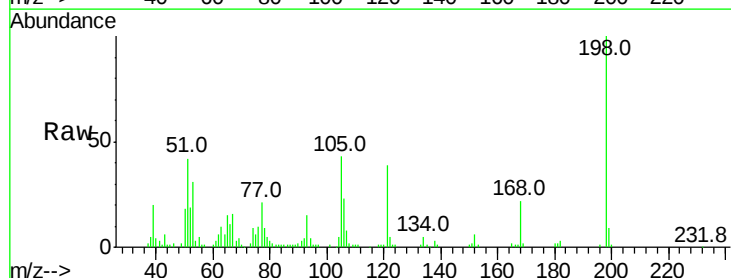
Instrument :
BNA_F
ClientSampleId :
OWS-1MSD

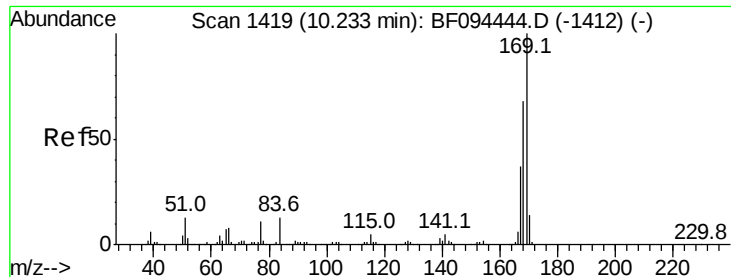
Tot Ion:188 Resp: 125658
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 10.5 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 74.76 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF094761.D
Acq: 1 May 2017 20:54

Tgt Ion:198 Resp: 61554
Ion Ratio Lower Upper
198 100
51 42.4 53.2 93.2#
105 42.7 45.8 85.8#

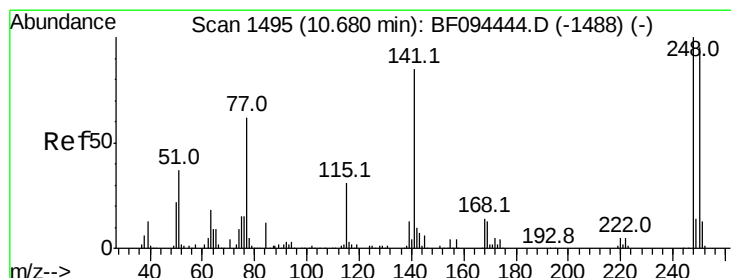
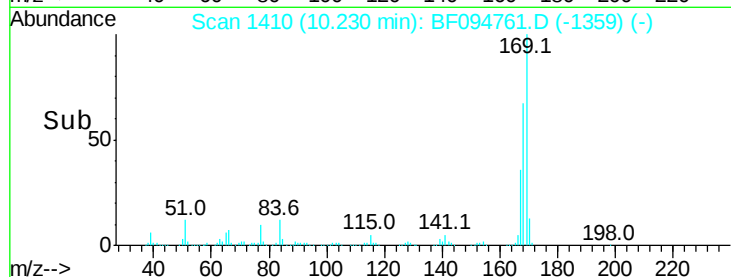
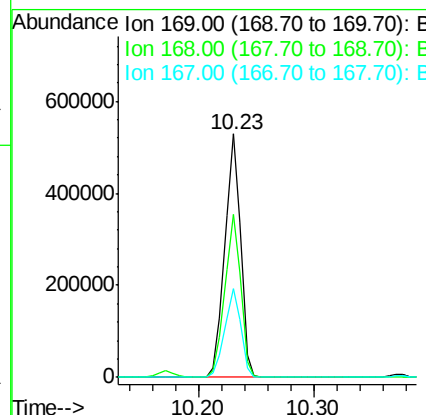
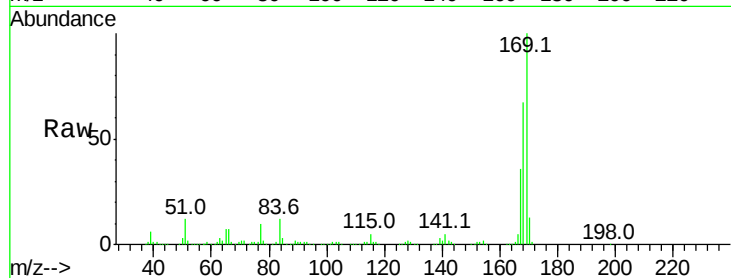




#65
n-Nitrosodiphenylamine
Concen: 115.98 ng
RT: 10.23 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF094761.D
Acq: 1 May 2017 20:54

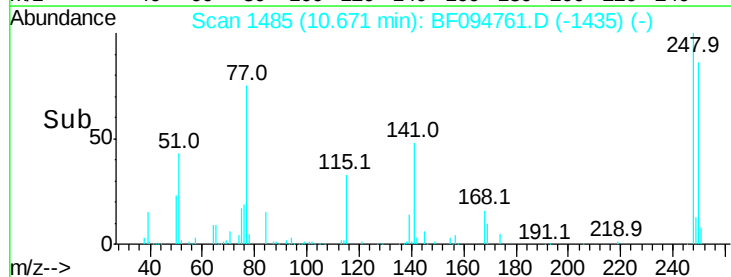
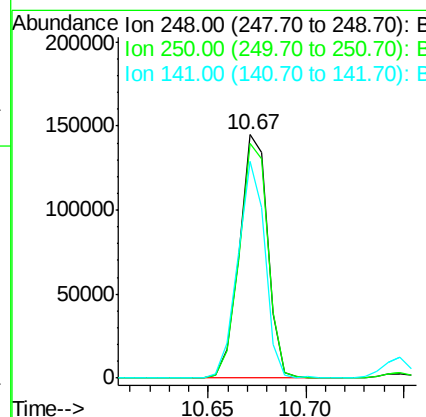
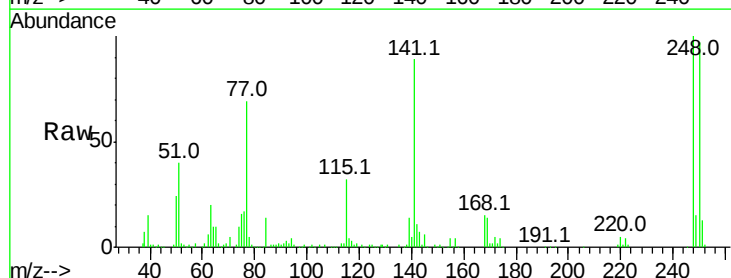
Instrument :
BNA_F
ClientSampleId :
OWS-1MSD

Tot Ion:169 Resp: 506836
Ion Ratio Lower Upper
169 100
168 67.1 53.2 79.8
167 36.3 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 116.89 ng
RT: 10.67 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF094761.D
Acq: 1 May 2017 20:54

Tgt Ion:248 Resp: 145843
Ion Ratio Lower Upper
248 100
250 96.6 76.8 115.2
141 89.3 68.6 103.0





#67

Hexachlorobenzene

Concen: 108.85 ng

RT: 10.75 min Scan# 1498

Delta R.T. -0.00 min

Lab File: BF094761.D

Acq: 1 May 2017 20:54

Instrument :

BNA_F

ClientSampleId :

OWS-1MSD

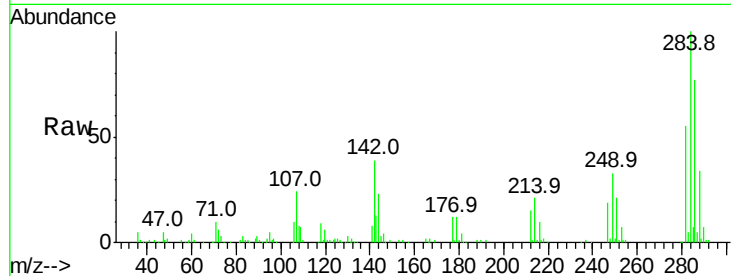
Tot Ion:284 Resp: 136873

Ion Ratio Lower Upper

284 100

142 39.0 22.8 34.2#

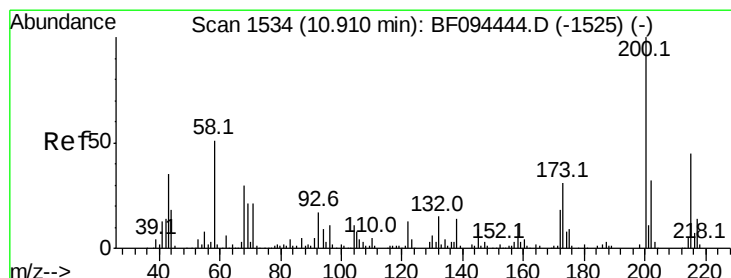
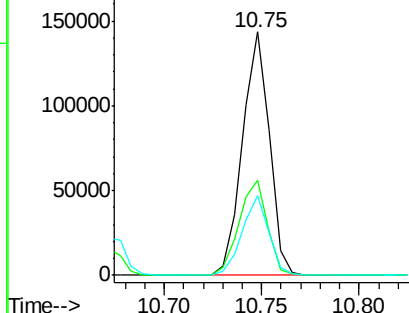
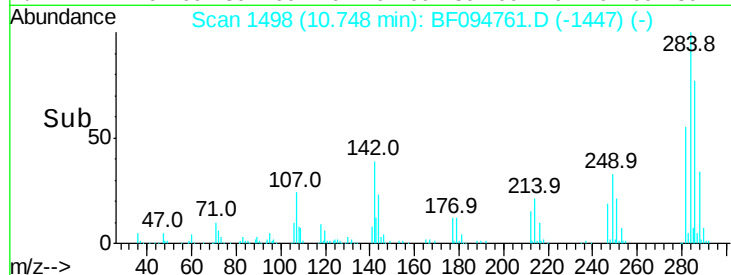
249 32.7 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 98.67 ng

RT: 10.91 min Scan# 1526

Delta R.T. 0.00 min

Lab File: BF094761.D

Acq: 1 May 2017 20:54

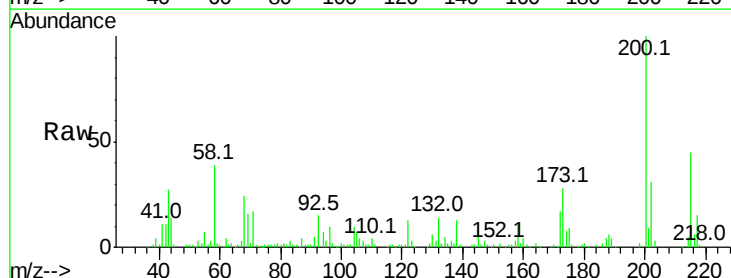
Tgt Ion:200 Resp: 129005

Ion Ratio Lower Upper

200 100

173 27.5 6.3 46.3

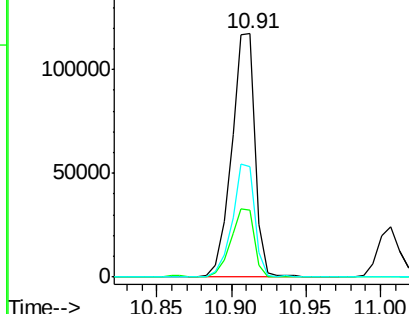
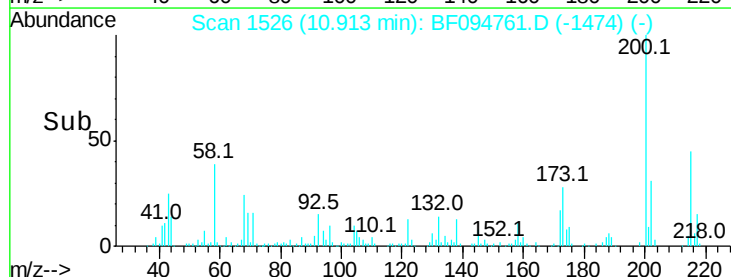
215 45.3 27.2 67.2

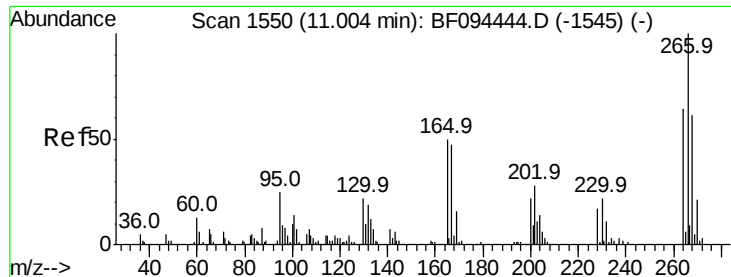


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

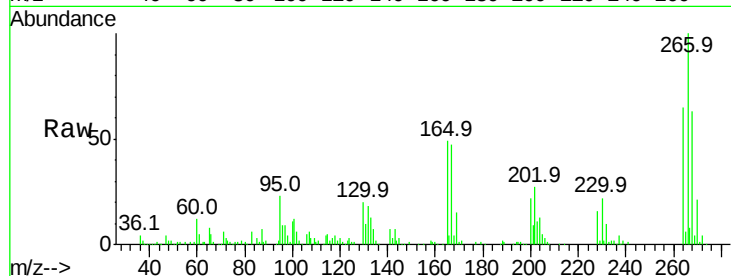




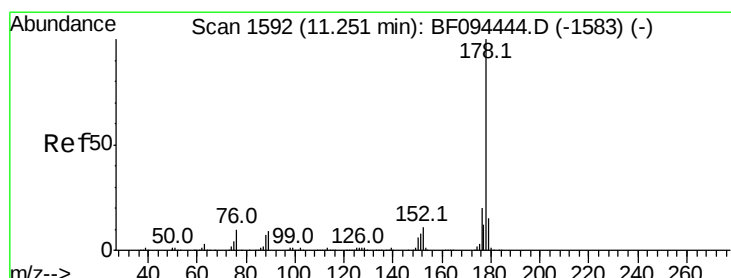
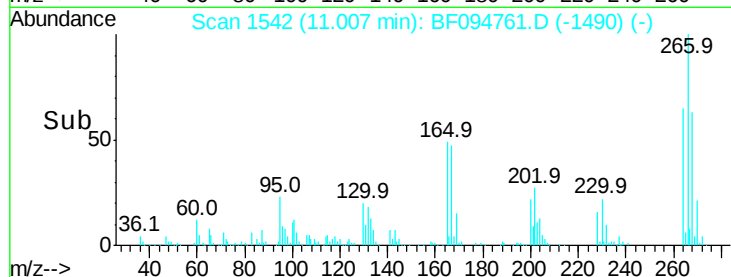
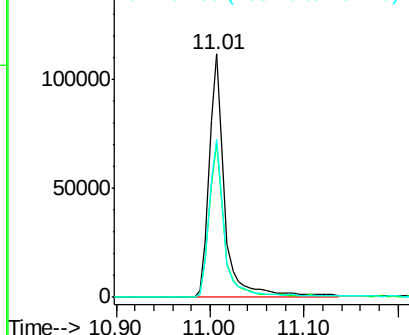
#69
 Pentachlorophenol
 Concen: 263.61 ng
 RT: 11.01 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BF094761.D
 Acq: 1 May 2017 20:54

Instrument :
 BNA_F
 ClientSampleId :
 OWS-1MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.1	76.7
264	64.9	51.7	77.5

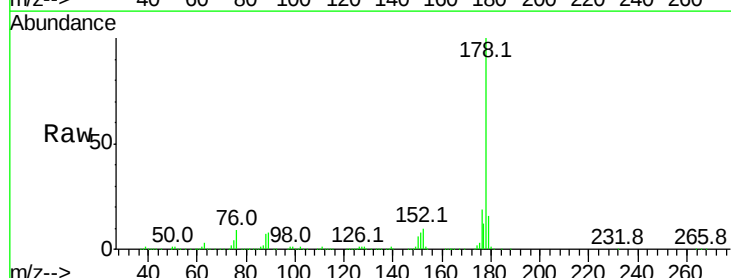


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

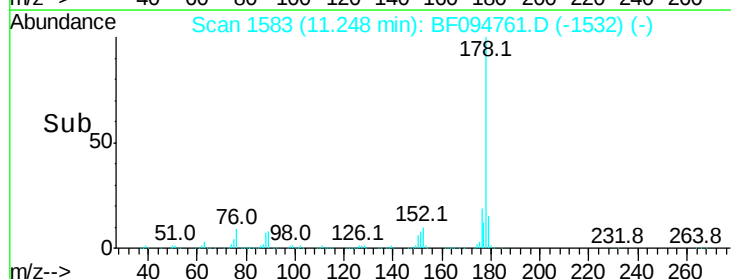
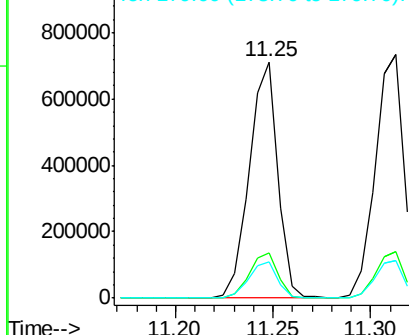


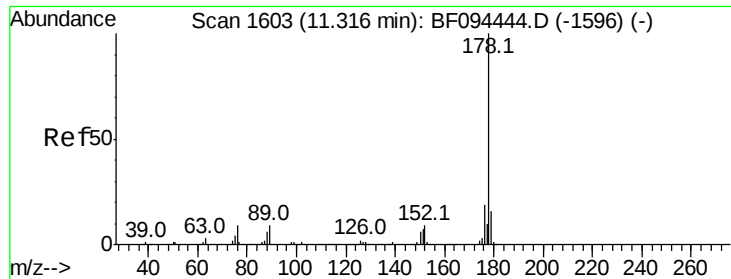
#70
 Phenanthrene
 Concen: 101.48 ng
 RT: 11.25 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF094761.D
 Acq: 1 May 2017 20:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.6	12.6	19.0



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

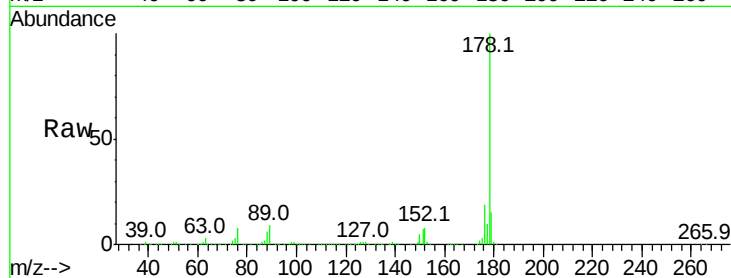




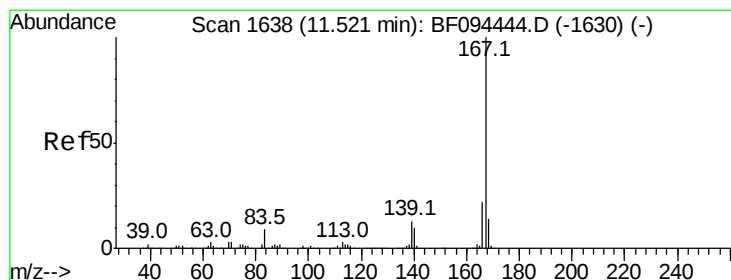
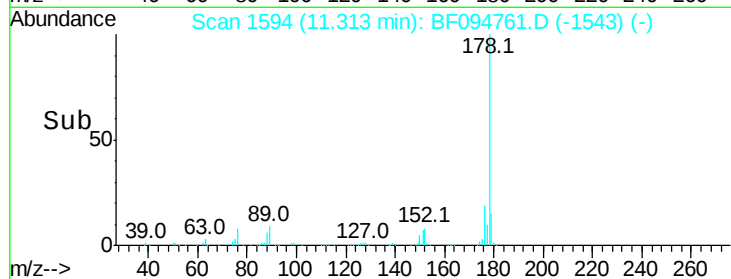
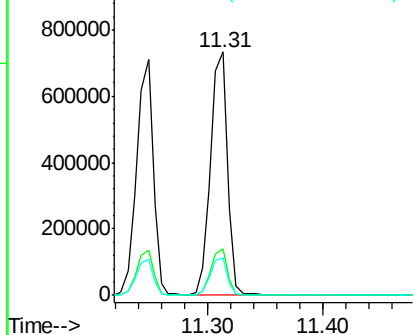
#71
 Anthracene
 Concen: 102.59 ng
 RT: 11.31 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF094761.D
 Acq: 1 May 2017 20:54

Instrument :
 BNA_F
 ClientSampleId :
 OWS-1MSD

Tot Ion:178 Resp: 750932
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.4 12.7 19.1

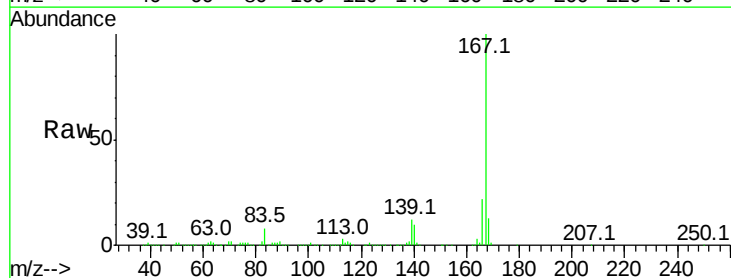


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

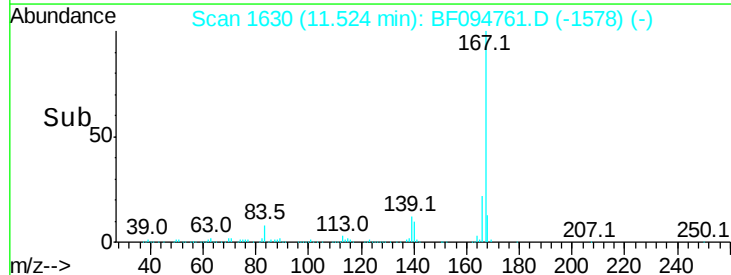
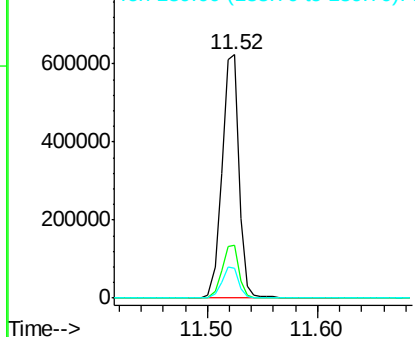


#72
 Carbazole
 Concen: 97.86 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF094761.D
 Acq: 1 May 2017 20:54

Tgt Ion:167 Resp: 672330
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.1 27.1
 139 12.2 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

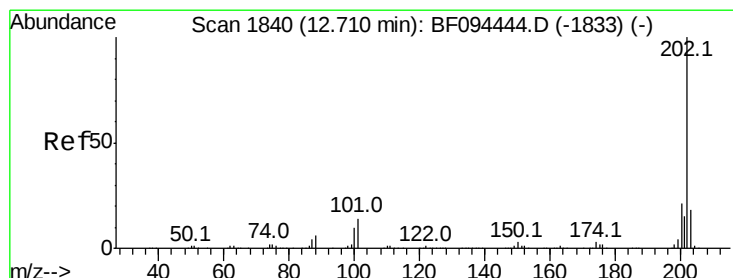
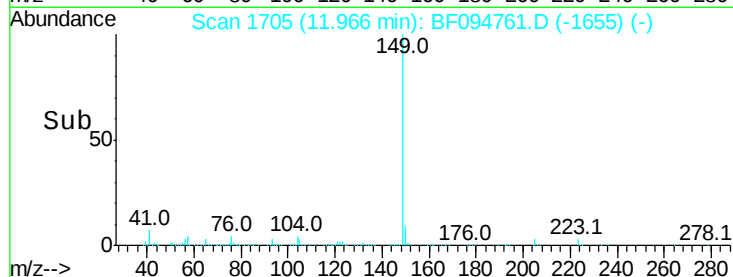
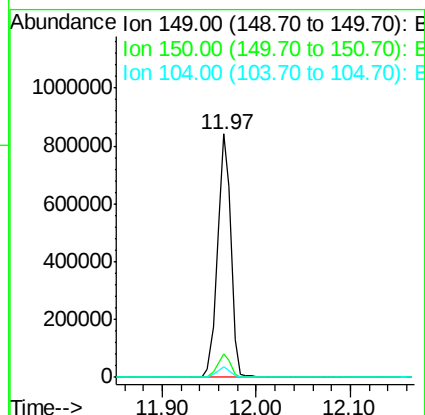
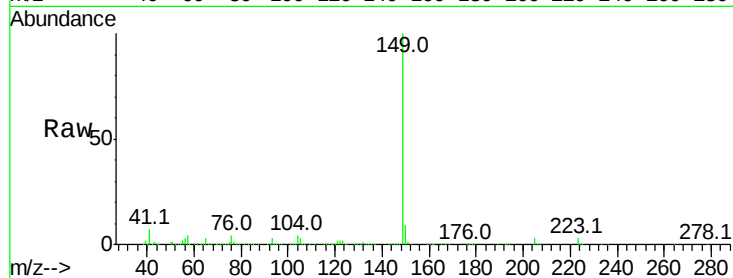




#73
Di-n-butylphthalate
Concen: 111.99 ng
RT: 11.97 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BF094761.D
Acq: 1 May 2017 20:54

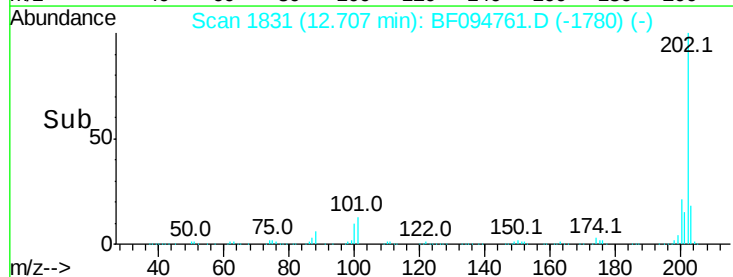
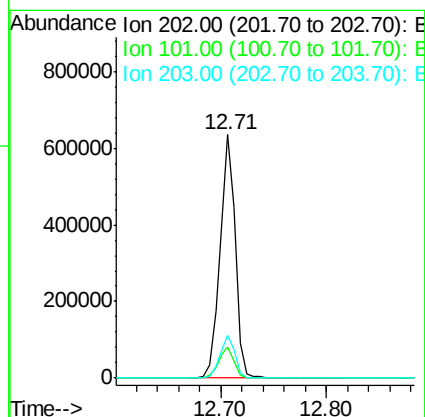
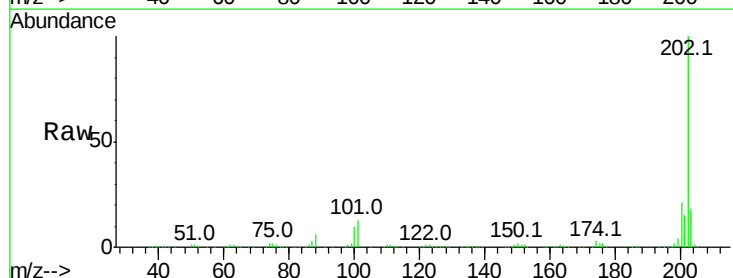
Instrument :
BNA_F
ClientSampleId :
OWS-1MSD

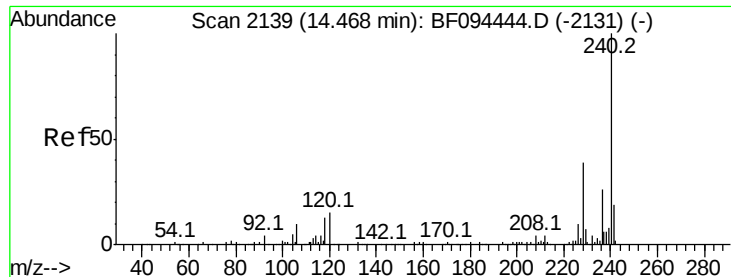
Tot Ion:149 Resp: 847108
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 4.3 4.0 6.0



#74
Fluoranthene
Concen: 89.34 ng
RT: 12.71 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF094761.D
Acq: 1 May 2017 20:54

Tgt Ion:202 Resp: 655180
Ion Ratio Lower Upper
202 100
101 12.8 0.0 33.2
203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF094761.D

Acq: 1 May 2017 20:54

Instrument :

BNA_F

ClientSampleId :

OWS-1MSD

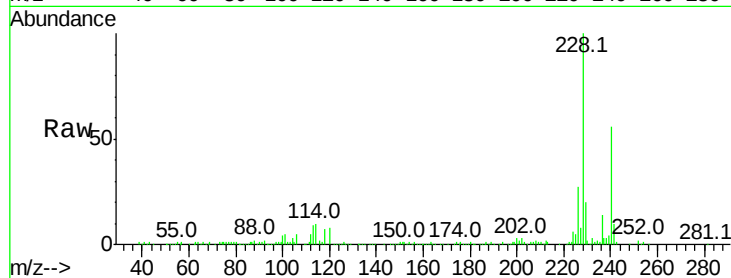
Tot Ion:240 Resp: 95456

Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

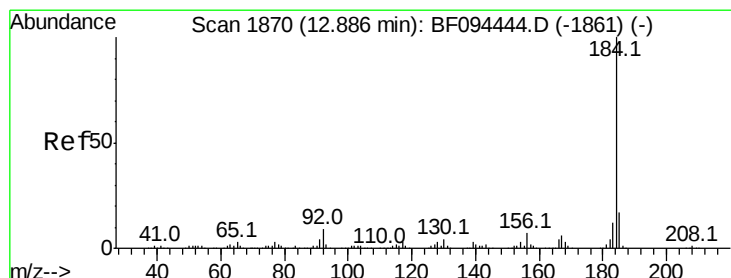
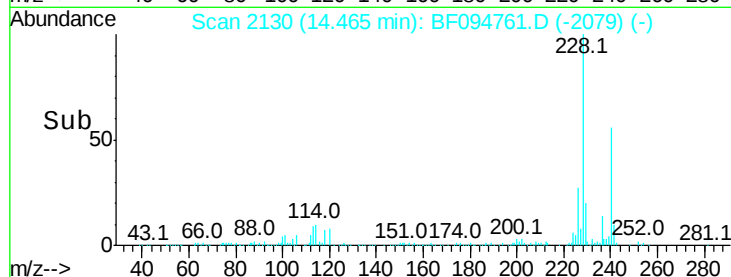
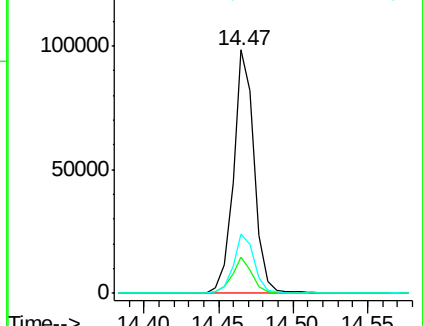
236 24.4 20.5 30.7



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: 7.43 ng

RT: 12.89 min Scan# 1863

Delta R.T. 0.01 min

Lab File: BF094761.D

Acq: 1 May 2017 20:54

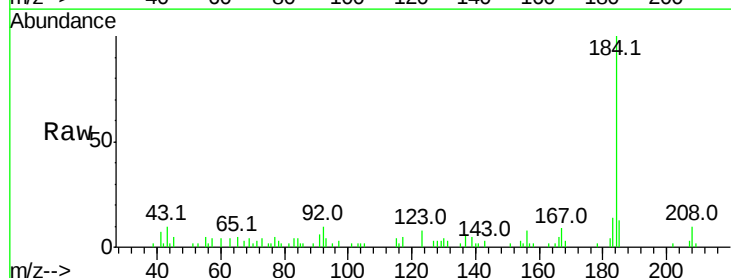
Tgt Ion:184 Resp: 28709

Ion Ratio Lower Upper

184 100

185 13.2 15.5 23.3#

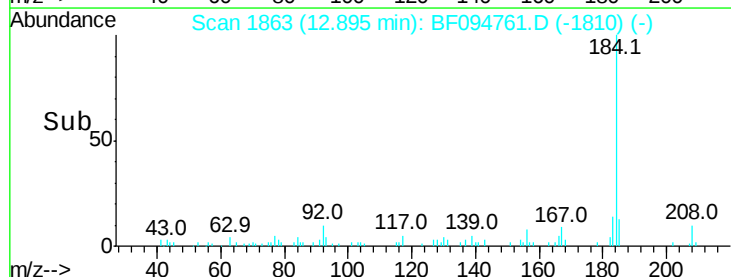
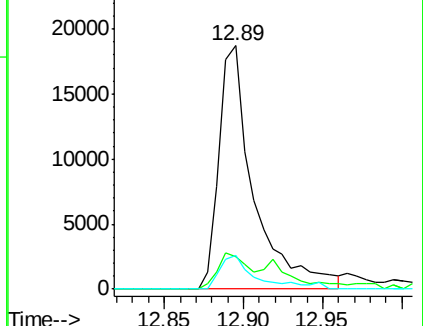
183 13.8 9.8 14.6

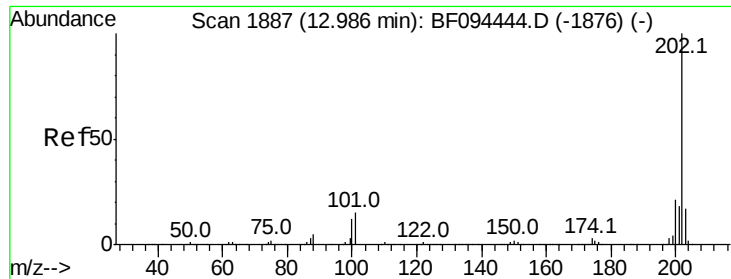


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

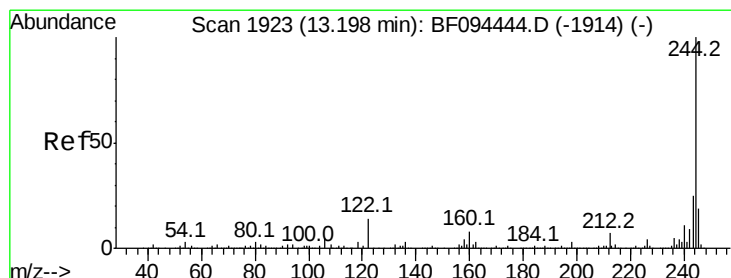
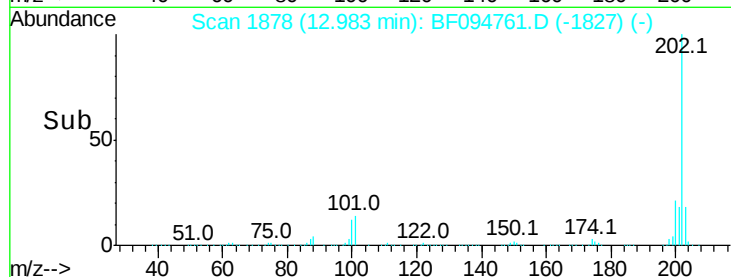
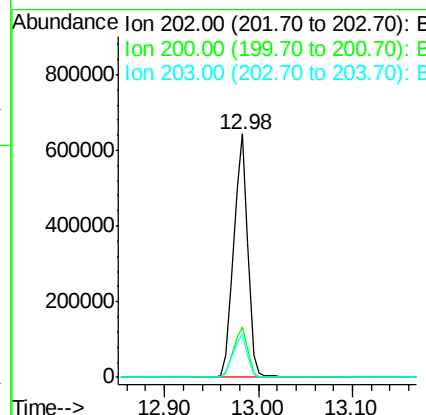
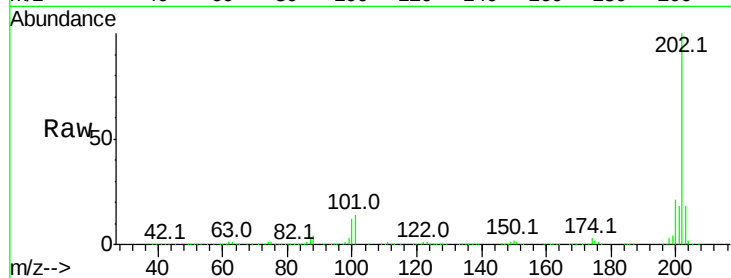




#77
Pvrene
Concen: 100.44 ng
RT: 12.98 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BF094761.D
Acq: 1 May 2017 20:54

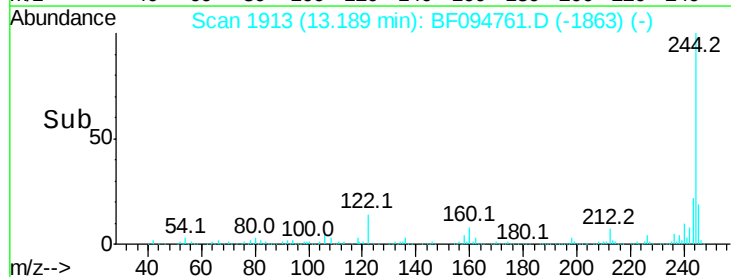
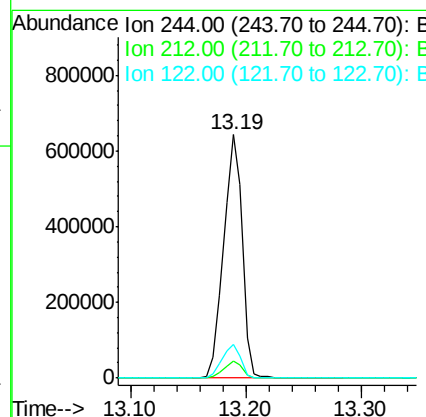
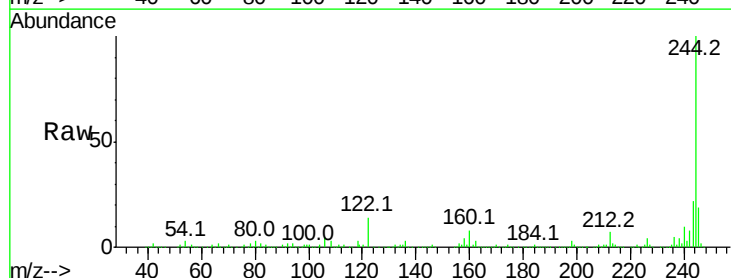
Instrument :
BNA_F
ClientSampleId :
OWS-1MSD

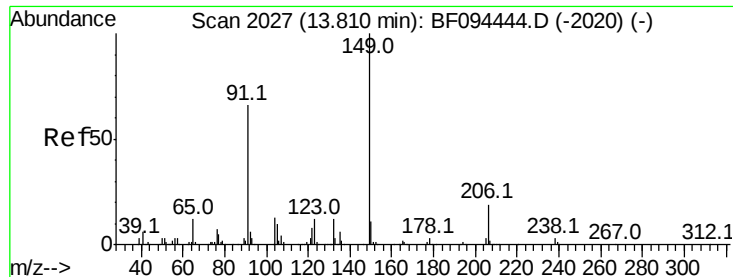
Tot Ion:202 Resp: 669836
Ion Ratio Lower Upper
202 100
200 20.7 17.6 26.4
203 17.6 14.4 21.6



#78
Terphenyl-d14
Concen: 200.44 ng
RT: 13.19 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF094761.D
Acq: 1 May 2017 20:54

Tgt Ion:244 Resp: 715822
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 13.9 10.3 15.5





#79

Butylbenzylphthalate

Concen: 113.05 ng

RT: 13.80 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF094761.D

Acq: 1 May 2017 20:54

Instrument :

BNA_F

ClientSampleId :

OWS-1MSD

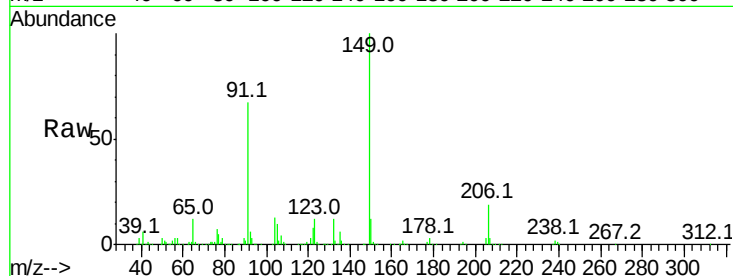
Tot Ion:149 Resp: 330405

Ion Ratio Lower Upper

149 100

91 67.5 45.0 67.4#

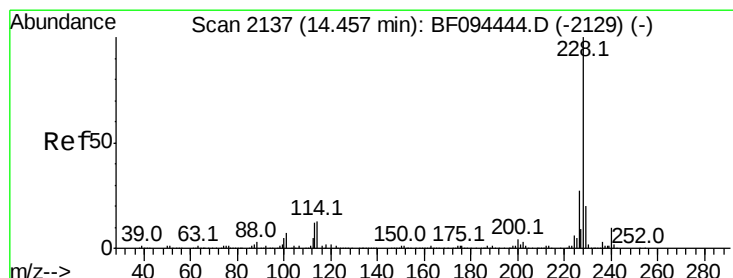
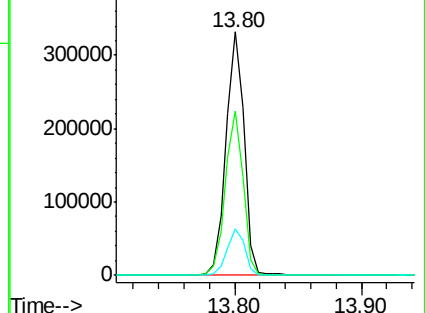
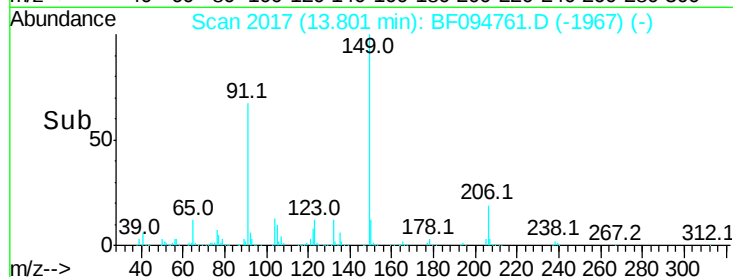
206 19.1 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 102.16 ng

RT: 14.45 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BF094761.D

Acq: 1 May 2017 20:54

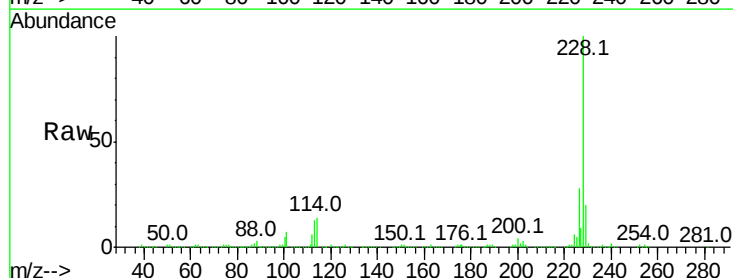
Tgt Ion:228 Resp: 566815

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

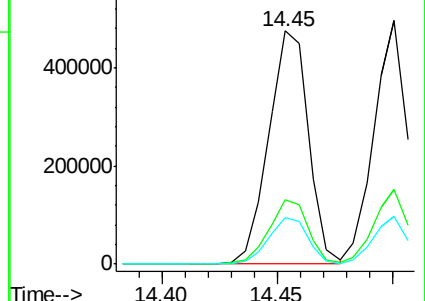
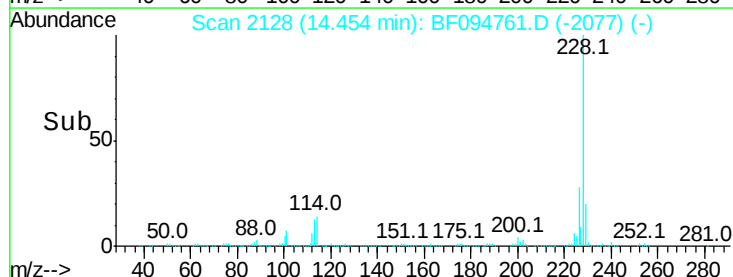
229 19.9 16.3 24.5

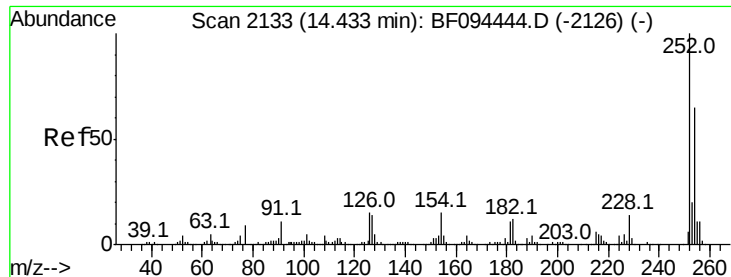


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

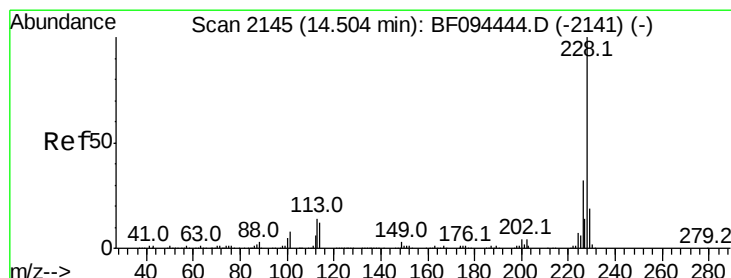
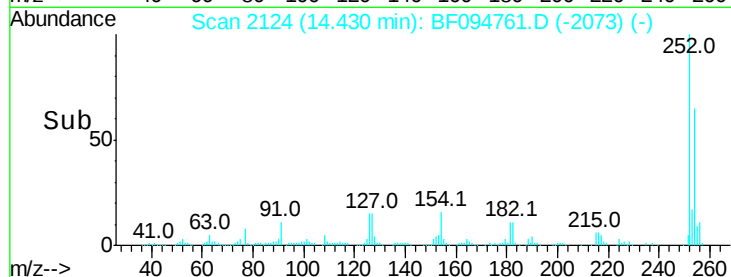
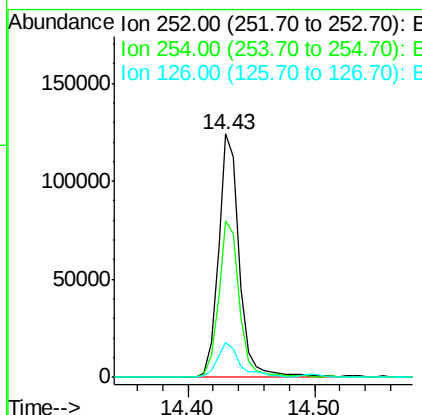
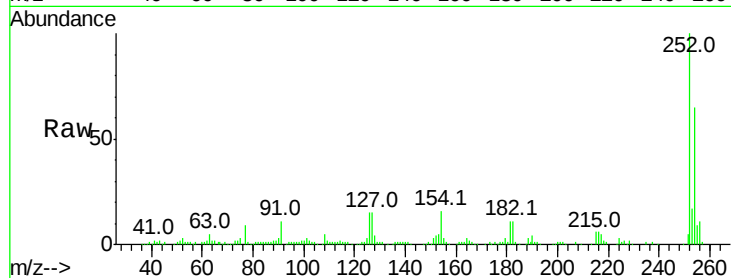




#81
 3,3'-Dichlorobenzidine
 Concen: 72.31 ng
 RT: 14.43 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BF094761.D
 Acq: 1 May 2017 20:54

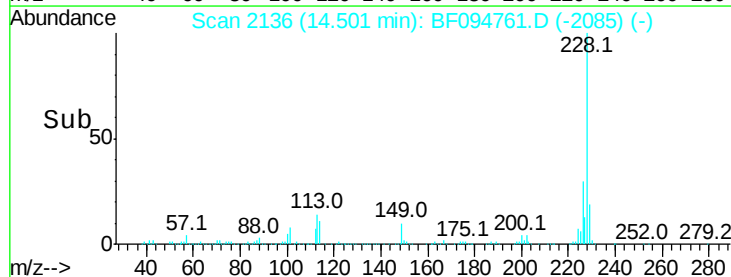
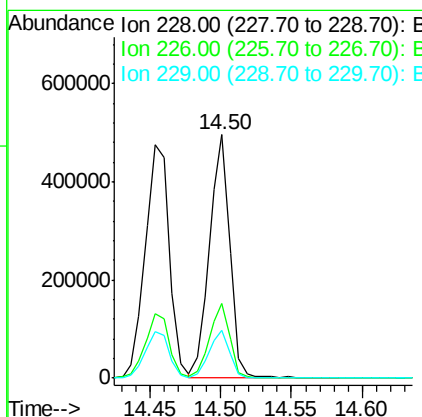
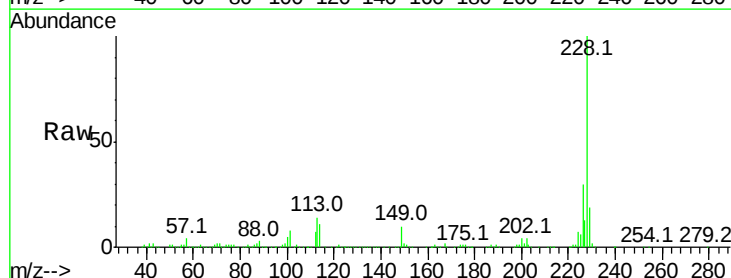
Instrument :
 BNA_F
 ClientSampleId :
 OWS-1MSD

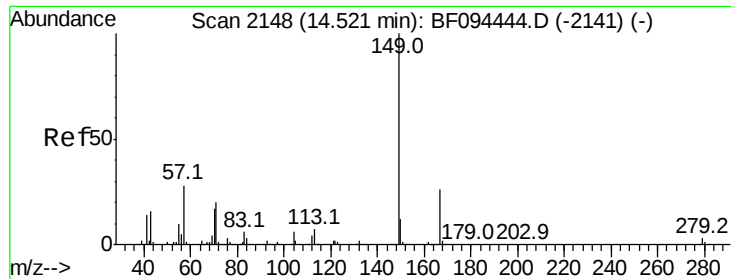
Tot Ion:252 Resp: 142015
 Ion Ratio Lower Upper
 252 100
 254 64.5 51.5 77.3
 126 14.6 15.8 23.8#



#82
 Chrysene
 Concen: 97.60 ng
 RT: 14.50 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BF094761.D
 Acq: 1 May 2017 20:54

Tgt Ion:228 Resp: 494872
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.9 37.3
 229 19.4 15.8 23.6

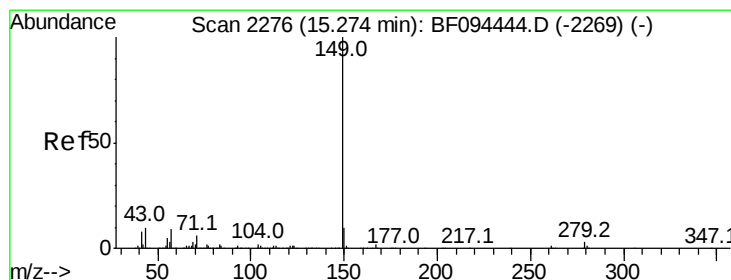
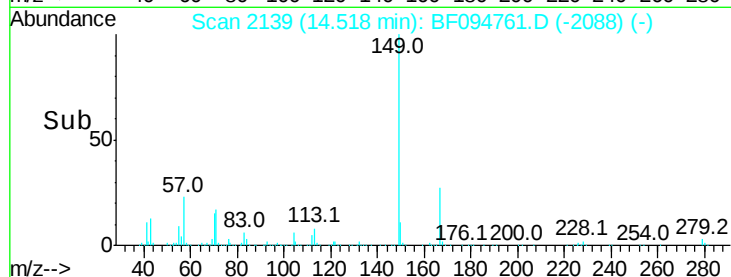
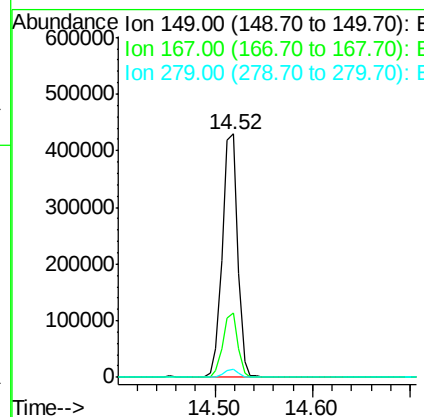
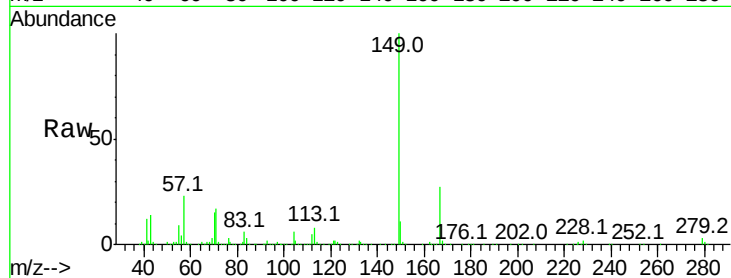




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 120.98 ng
 RT: 14.52 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BF094761.D
 Acq: 1 May 2017 20:54

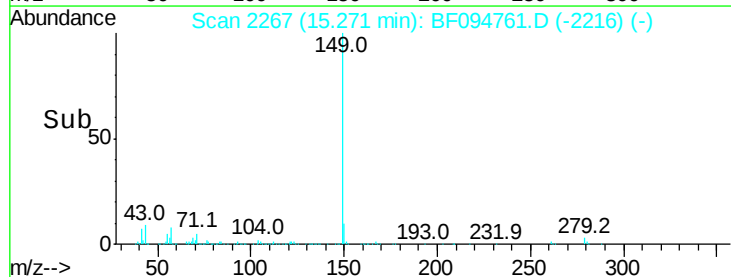
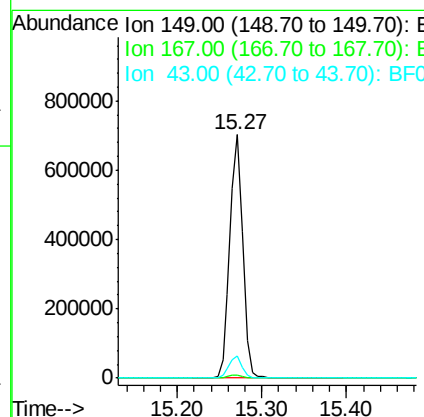
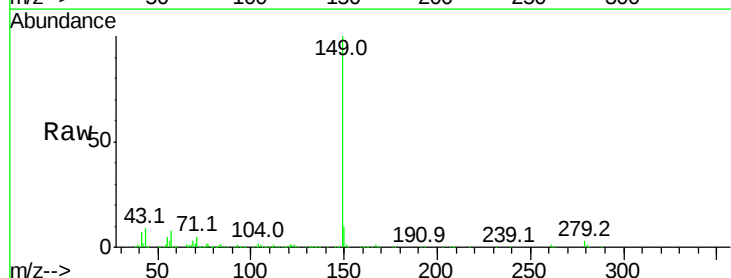
Instrument :
 BNA_F
 ClientSampleId :
 OWS-1MSD

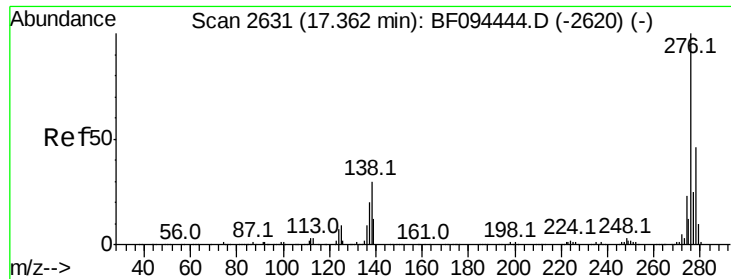
Tot Ion:149 Resp: 474768
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.0 31.4
 279 3.2 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 114.20 ng
 RT: 15.27 min Scan# 2267
 Delta R.T. -0.00 min
 Lab File: BF094761.D
 Acq: 1 May 2017 20:54

Tgt Ion:149 Resp: 751752
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.0 8.5 12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 97.81 ng

RT: 17.38 min Scan# 2626

Delta R.T. 0.02 min

Lab File: BF094761.D

Acq: 1 May 2017 20:54

Instrument :

BNA_F

ClientSampleId :

OWS-1MSD

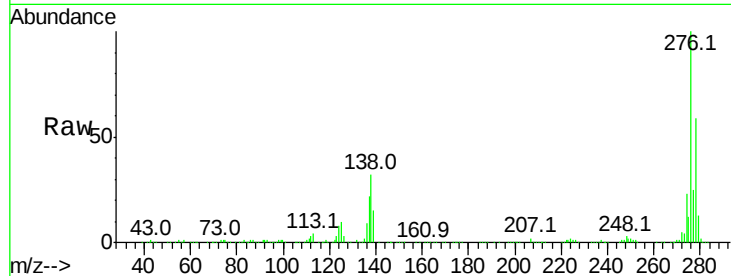
Tot Ion:276 Resp: 471915

Ion Ratio Lower Upper

276 100

138 34.2 27.8 41.6

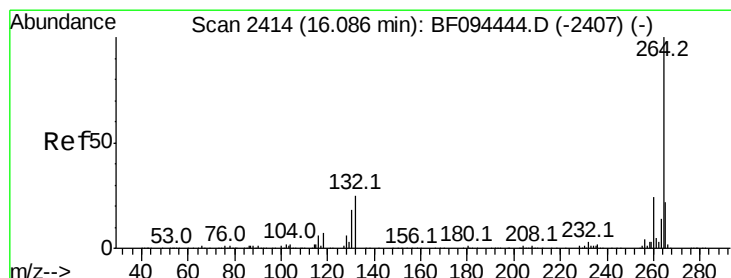
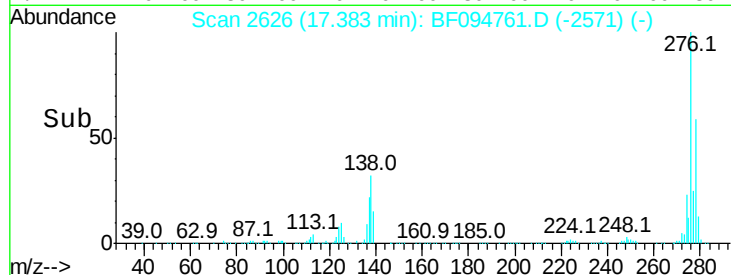
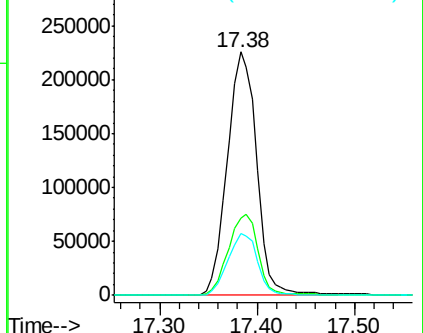
277 25.5 20.2 30.4



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: BF094761.D

Acq: 1 May 2017 20:54

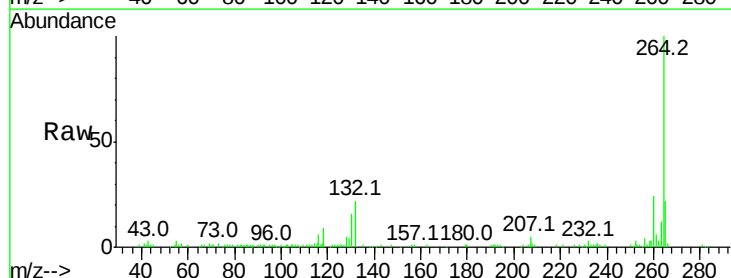
Tgt Ion:264 Resp: 84145

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

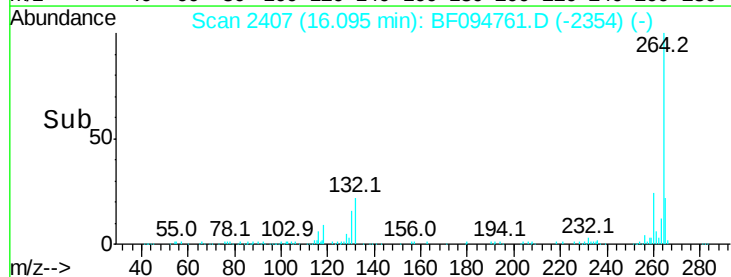
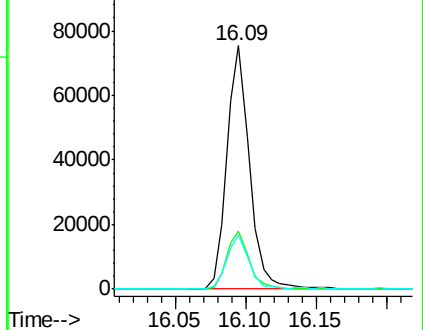
265 22.1 17.2 25.8

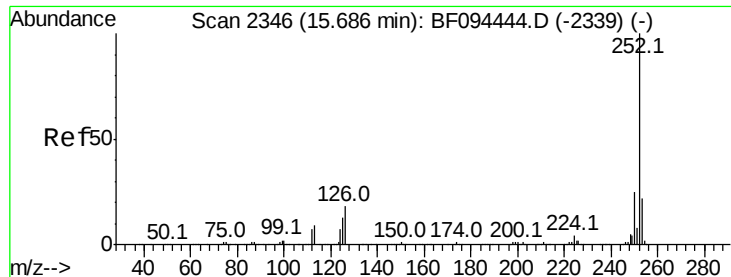


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

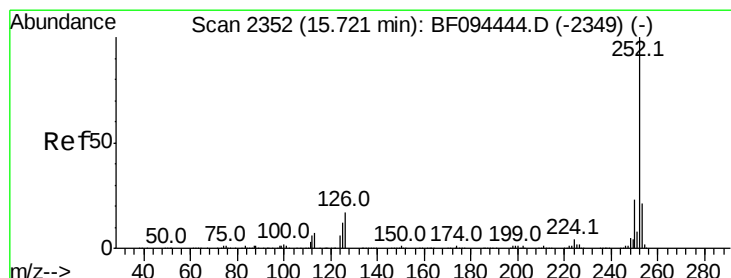
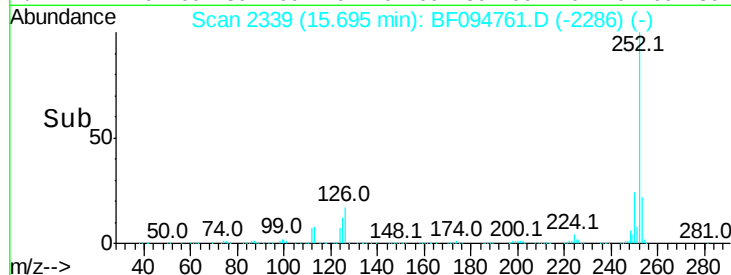
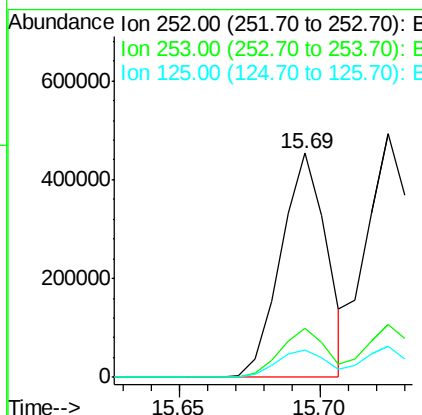
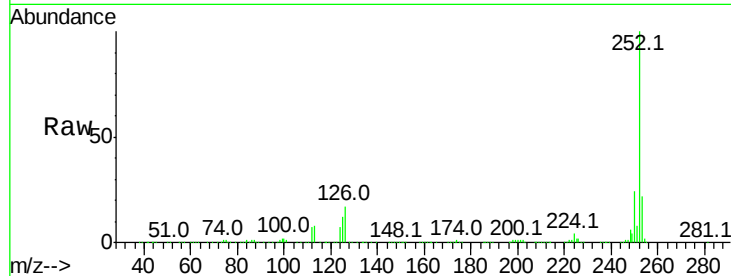




#87
Benzo(b)fluoranthene
Concen: 99.01 ng
RT: 15.69 min Scan# 2339
Delta R.T. 0.01 min
Lab File: BF094761.D
Acq: 1 May 2017 20:54

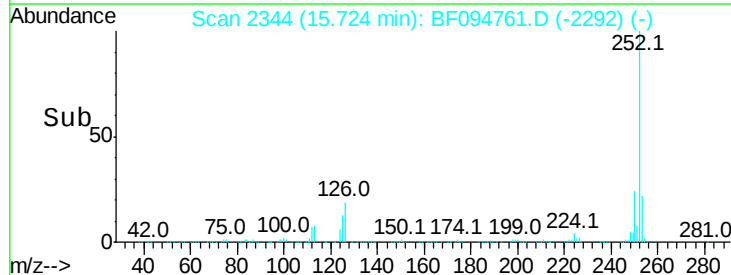
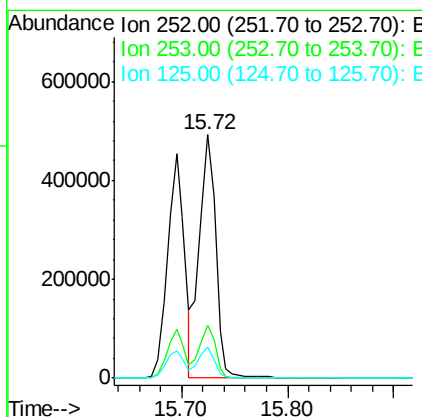
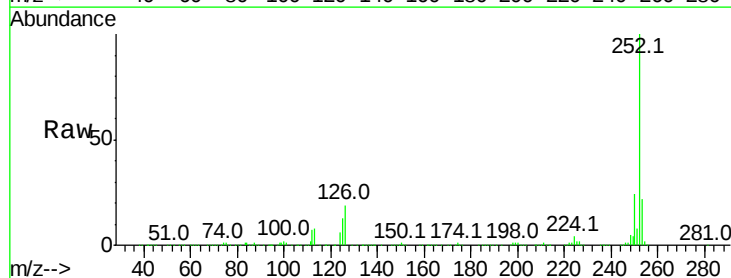
Instrument :
BNA_F
ClientSampleId :
OWS-1MSD

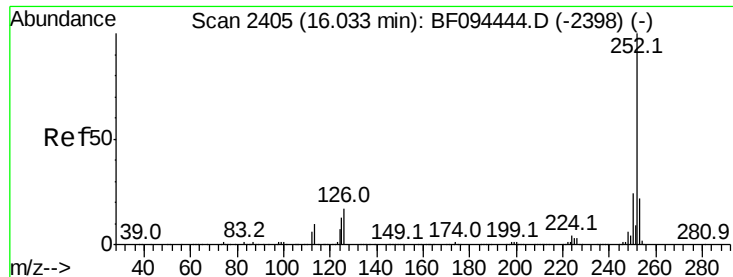
Tot Ion:252 Resp: 509652
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 12.1 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 108.56 ng
RT: 15.72 min Scan# 2344
Delta R.T. 0.00 min
Lab File: BF094761.D
Acq: 1 May 2017 20:54

Tgt Ion:252 Resp: 528825
Ion Ratio Lower Upper
252 100
253 21.7 18.4 27.6
125 13.0 13.1 19.7#

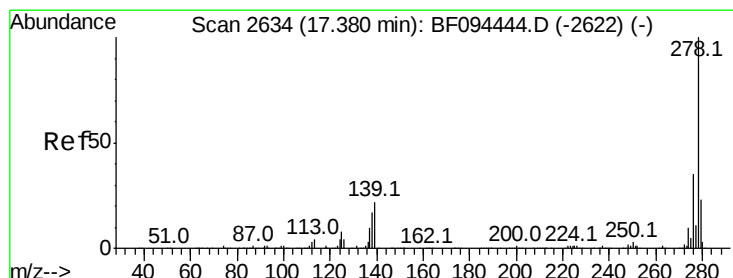
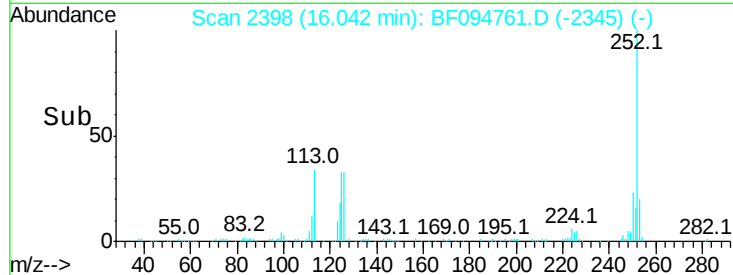
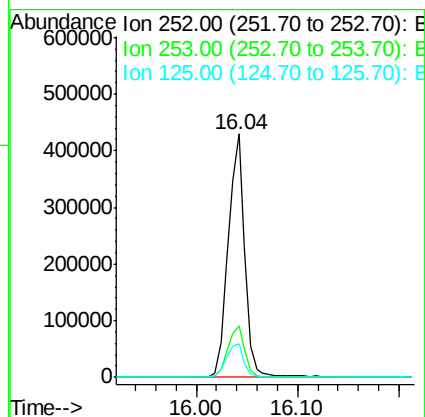
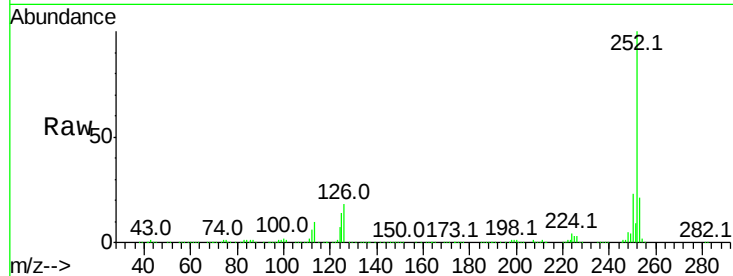




#89
Benzo(a)pyrene
Concen: 101.38 ng
RT: 16.04 min Scan# 2398
Delta R.T. 0.01 min
Lab File: BF094761.D
Acq: 1 May 2017 20:54

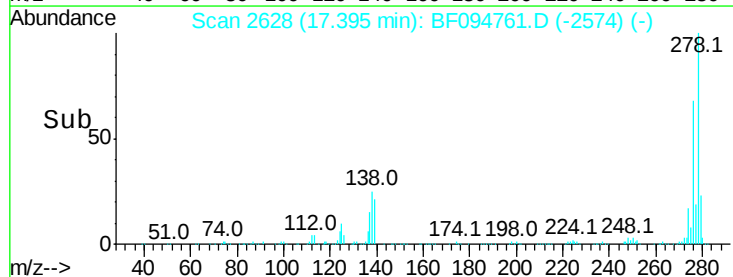
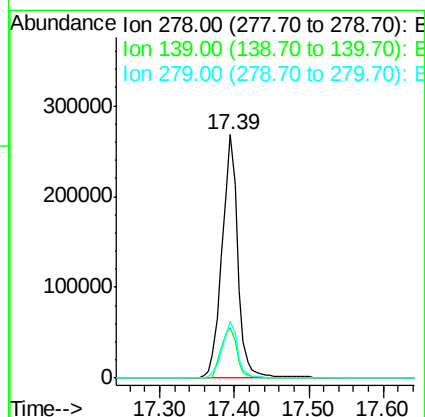
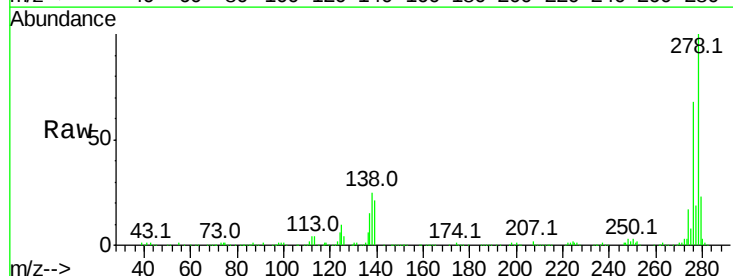
Instrument :
BNA_F
ClientSampleId :
OWS-1MSD

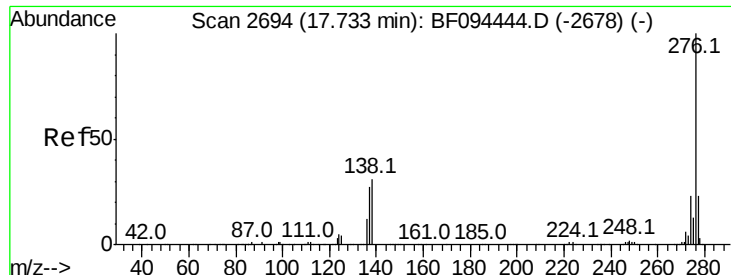
Tot Ion:252 Resp: 485481
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 13.7 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 100.01 ng
RT: 17.39 min Scan# 2628
Delta R.T. 0.01 min
Lab File: BF094761.D
Acq: 1 May 2017 20:54

Tgt Ion:278 Resp: 397663
Ion Ratio Lower Upper
278 100
139 20.8 16.6 24.8
279 23.3 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 95.55 ng

RT: 17.76 min Scan# 2690

Delta R.T. 0.03 min

Lab File: BF094761.D

Acq: 1 May 2017 20:54

Instrument :

BNA_F

ClientSampleId :

OWS-1MSD

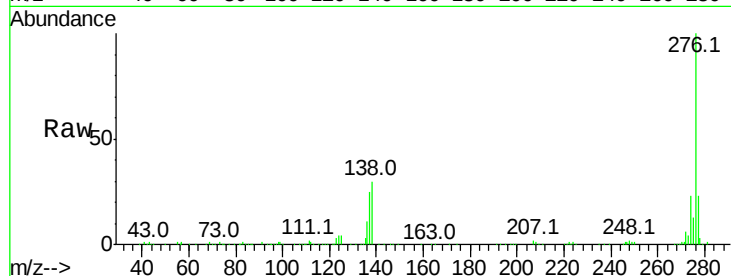
Tot Ion:276 Resp: 386814

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 30.3 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

