

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

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 01:40:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

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

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

Target Compounds						Qvalue
2) 1,4-Dioxane	2.25	88	102239	24.95	ng	# 83
3) Pyridine	2.78	79	198332	22.15	ng	98
4) n-Nitrosodimethylamine	2.67	42	124705	33.65	ng	85
6) Aniline	5.41	93	186221	16.87	ng	# 75
8) 2-Chlorophenol	5.55	128	326483	40.72	ng	95
9) Benzaldehyde	5.27	77	46934	7.43	ng	99
10) Phenol	5.42	94	368068	36.07	ng	90
11) bis(2-Chloroethyl)ether	5.48	93	315400	42.31	ng	96
12) 1,3-Dichlorobenzene	5.70	146	355244	39.99	ng	99
13) 1,4-Dichlorobenzene	5.79	146	359997	40.28	ng	97
14) 1,2-Dichlorobenzene	5.96	146	309751	37.63	ng	97
15) Benzyl Alcohol	5.96	79	241607	39.21	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.10	45	390835	39.99	ng	# 34
17) 2-Methylphenol	6.10	107	253825	40.20	ng	# 89
18) Hexachloroethane	6.34	117	119472	39.00	ng	# 82
19) n-Nitroso-di-n-propylamine	6.26	70	235689	42.82	ng	96
20) 3+4-Methylphenols	6.28	107	428383	49.93	ng	# 58
22) Acetophenone	6.24	105	469411	43.03	ng	# 86
24) Nitrobenzene	6.44	77	326497	42.67	ng	93
25) Isophorone	6.73	82	592281	43.98	ng	96
26) 2-Nitrophenol	6.81	139	181058	44.05	ng	97
27) 2,4-Dimethylphenol	6.90	122	272372	40.79	ng	97
28) bis(2-Chloroethoxy)methane	6.99	93	375484	43.10	ng	99
29) 2,4-Dichlorophenol	7.12	162	274067	44.13	ng	98
30) 1,2,4-Trichlorobenzene	7.20	180	265227	41.30	ng	98
31) Naphthalene	7.28	128	943695	43.76	ng	100
32) Benzoic acid	7.22	122	606317	171.73	ng	92
33) 4-Chloroaniline	7.38	127	75031	8.36	ng	94
34) Hexachlorobutadiene	7.44	225	141848	44.31	ng	99
35) Caprolactam	7.91	113	66375	34.02	ng	89
36) 4-Chloro-3-methylphenol	8.00	107	279884	43.00	ng	91
37) 2-Methylnaphthalene	8.12	142	641882	43.50	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.33	216	246668	47.79	ng	99
40) Hexachlorocyclopentadiene	8.31	237	103946	49.78	ng	98

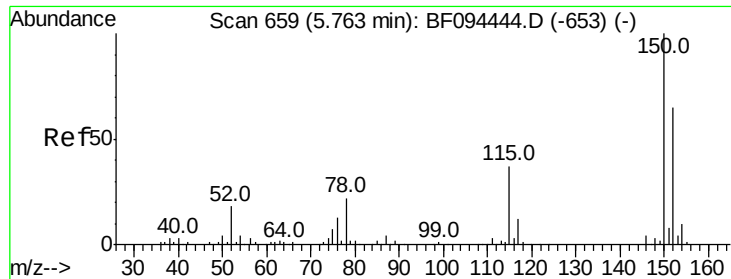
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094760.D
 Acq On : 1 May 2017 20:27
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	178567	49.26	nq	97
43) 2,4,5-Trichlorophenol	8.55	196	180234	48.42	nq	93
45) 1,1'-Biphenyl	8.70	154	723555	48.86	nq	99
46) 2-Chloronaphthalene	8.72	162	565119	47.99	nq	95
47) 2-Nitroaniline	8.87	65	151583	44.75	nq	# 78
48) Acenaphthylene	9.22	152	869152	47.35	nq	99
49) Dimethylphthalate	9.10	163	706982	52.34	nq	99
50) 2,6-Dinitrotoluene	9.17	165	145214	47.89	nq	# 89
51) Acenaphthene	9.44	154	508354	46.23	nq	99
52) 3-Nitroaniline	9.38	138	54812	15.62	nq	83
53) 2,4-Dinitrophenol	9.52	184	85320	53.88	nq	# 64
54) Dibenzofuran	9.65	168	728842	45.61	nq	# 86
55) 4-Nitrophenol	9.65	139	439038	177.15	nq	# 50
56) 2,4-Dinitrotoluene	9.67	165	181390	48.76	nq	# 88
57) Fluorene	10.07	166	530181	42.60	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.82	232	133705	50.11	nq	94
59) Diethylphthalate	9.96	149	624352	48.98	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	237048	45.77	nq	90
61) 4-Nitroaniline	10.13	138	117322	32.90	nq	95
62) Azobenzene	10.27	77	546790	44.18	nq	95
64) 4,6-Dinitro-2-methylphenol	10.17	198	59725	30.84	nq	# 64
65) n-Nitrosodiphenylamine	10.23	169	487593	47.43	nq	98
66) 4-Bromophenyl-phenylether	10.67	248	149361	50.88	nq	98
67) Hexachlorobenzene	10.75	284	142752	48.26	nq	# 88
68) Atrazine	10.91	200	132933	43.22	nq	96
69) Pentachlorophenol	11.01	266	137329	116.92	nq	99
70) Phenanthrene	11.25	178	741762	44.56	nq	99
71) Anthracene	11.31	178	777374	45.15	nq	98
72) Carbazole	11.52	167	658530	40.75	nq	99
73) Di-n-butylphthalate	11.97	149	949761	53.37	nq	99
74) Fluoranthene	12.71	202	680565	39.45	nq	99
76) Benzidine	12.90	184	27858	3.31	nq	# 92
77) Pyrene	12.98	202	641064	44.15	nq	99
79) Butylbenzylphthalate	13.80	149	337588	53.05	nq	# 86
80) Benzo(a)anthracene	14.45	228	546299	45.23	nq	99
81) 3,3'-Dichlorobenzidine	14.44	252	135359	31.66	nq	# 96
82) Chrysene	14.50	228	506716	45.90	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	474677	55.56	nq	# 98
84) Di-n-octyl phthalate	15.27	149	783110	54.65	nq	96
85) Indeno(1,2,3-cd)pyrene	17.38	276	462068	43.99	nq	100
87) Benzo(b)fluoranthene	15.69	252	504423	47.40	nq	98
88) Benzo(k)fluoranthene	15.69	252	504423	50.09	nq	95
89) Benzo(a)pyrene	16.04	252	445543	45.00	nq	100
90) Dibenzo(a,h)anthracene	17.39	278	387525	47.14	nq	98
91) Benzo(g,h,i)perylene	17.75	276	379284	45.32	nq	98

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

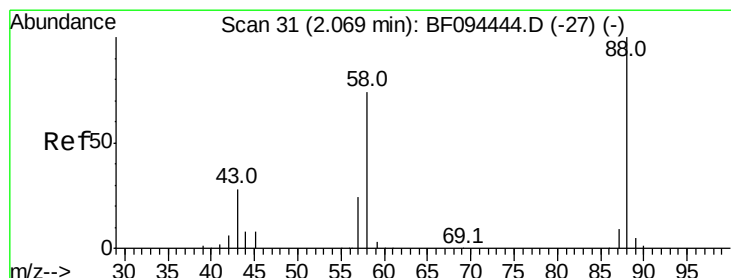
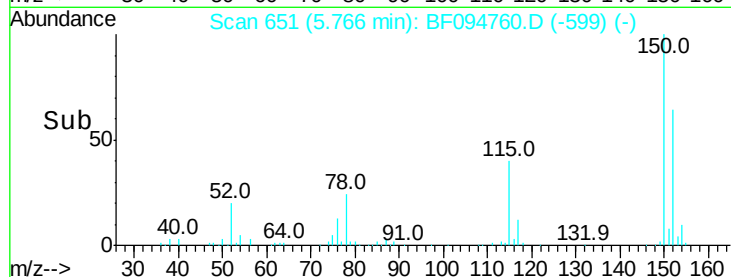
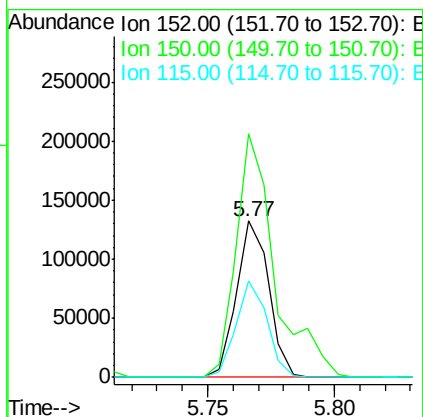
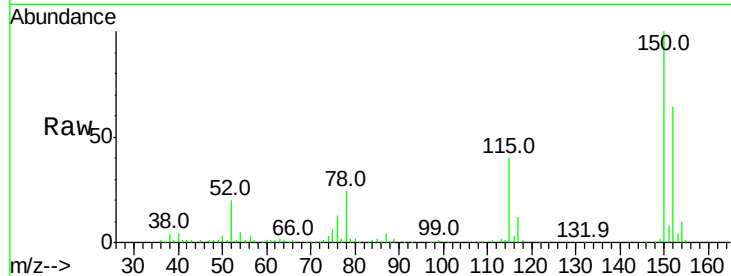


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

Instrument :
BNA_F
ClientSampleId :

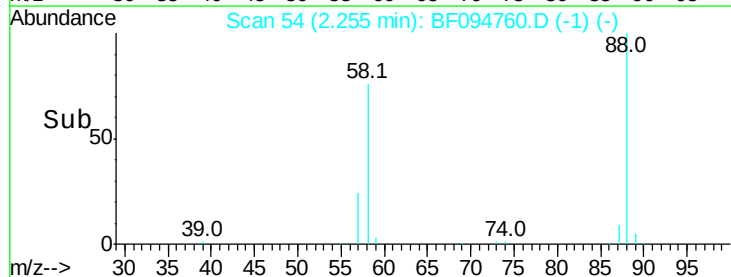
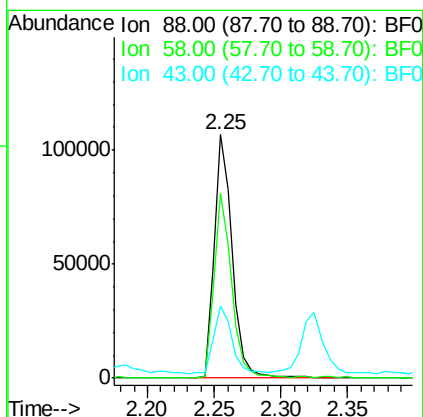
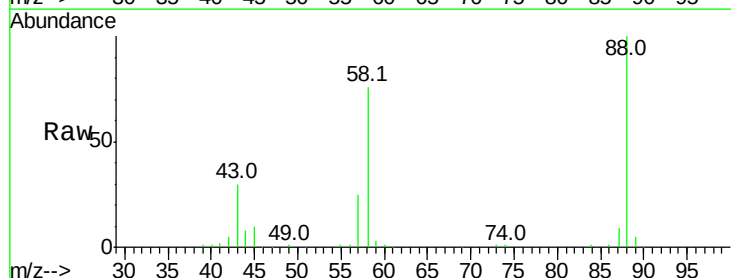
Tot Ion:152 Resp: 116892
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 61.9 52.2 78.2

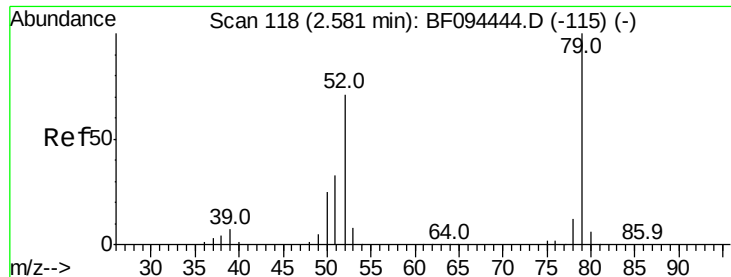


#2

1,4-Dioxane
Concen: 24.95 ng
RT: 2.25 min Scan# 54
Delta R.T. 0.19 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

Tgt Ion: 88 Resp: 102239
Ion Ratio Lower Upper
88 100
58 73.9 61.4 92.0
43 0.0 23.4 35.0#





#3

Pvridine

Concen: 22.15 ng

RT: 2.78 min Scan# 143

Delta R.T. 0.20 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Instrument :

BNA_F

ClientSampleId :

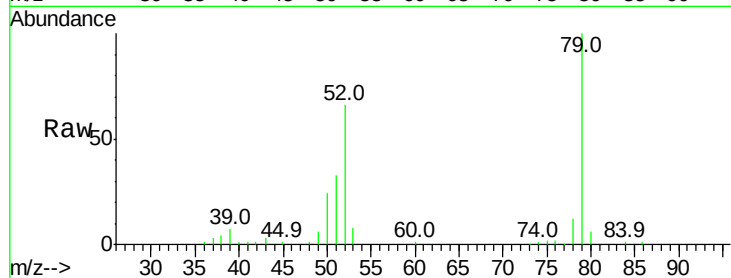
Tot Ion: 79 Resp: 198332

Ion Ratio Lower Upper

79 100

52 65.9 54.8 82.2

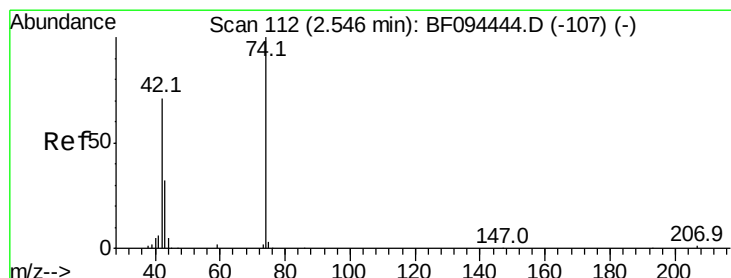
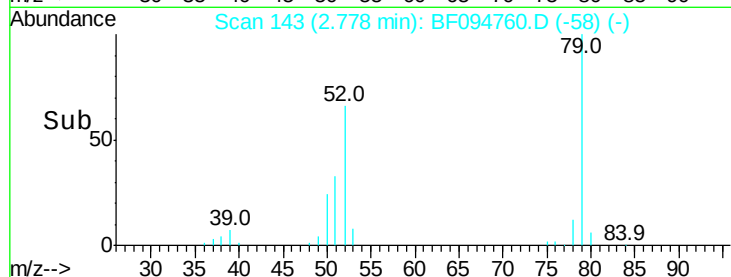
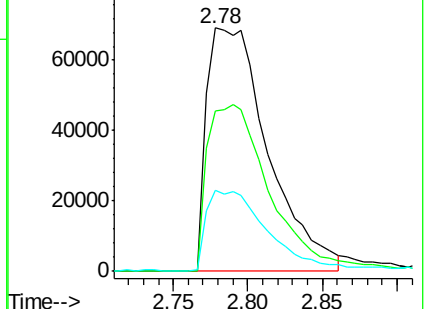
51 33.4 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 33.65 ng

RT: 2.67 min Scan# 124

Delta R.T. 0.12 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

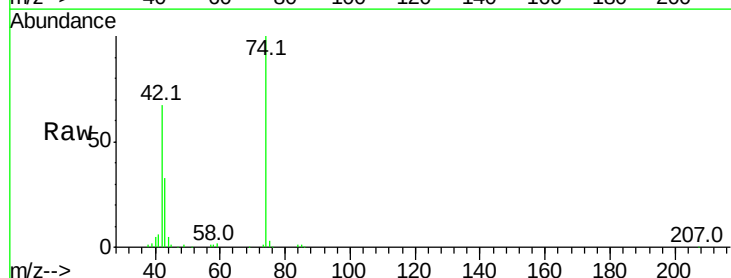
Tgt Ion: 42 Resp: 124705

Ion Ratio Lower Upper

42 100

74 148.8 103.9 155.9

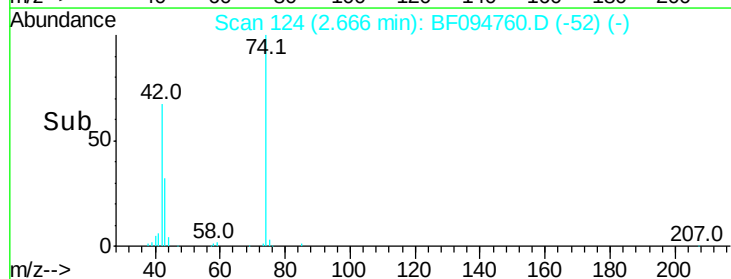
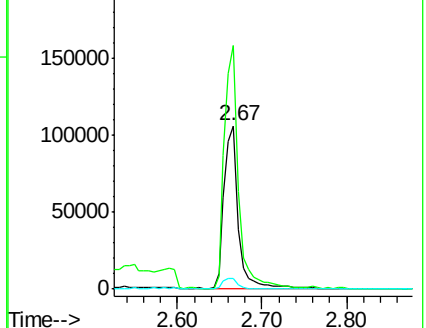
44 6.9 5.7 8.5

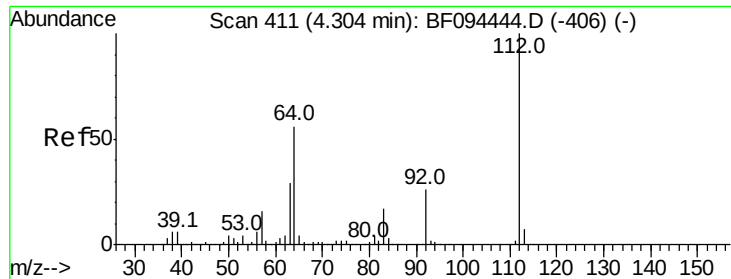


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 114.45 ng

RT: 4.34 min Scan# 409

Delta R.T. 0.04 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Instrument :

BNA_F

ClientSampled :

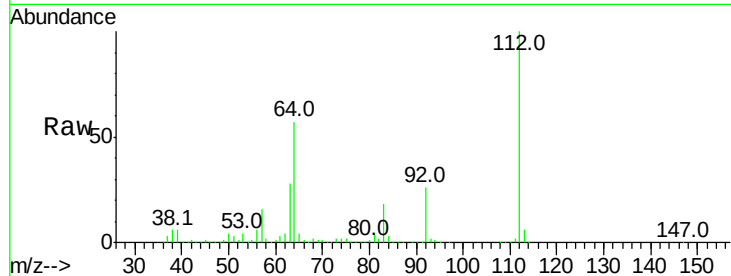
Tot Ion:112 Resp: 806368

Ion Ratio Lower Upper

112 100

64 57.0 46.0 69.0

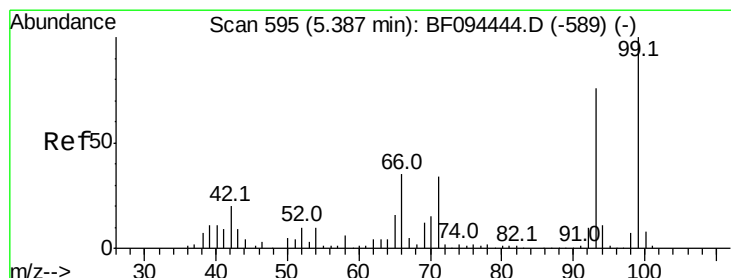
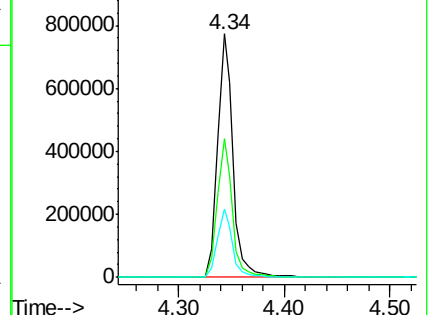
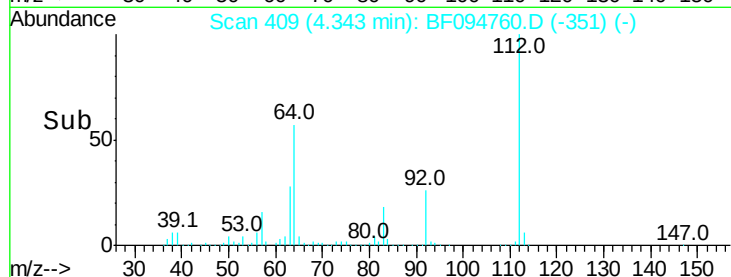
63 27.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.87 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.02 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

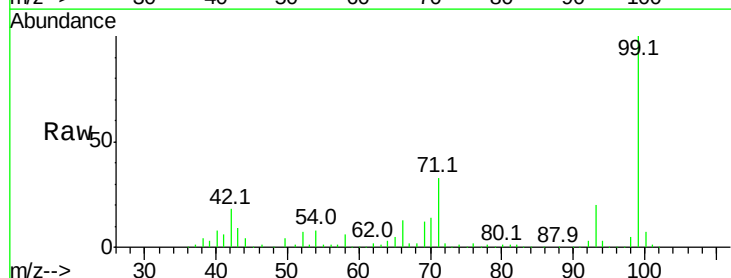
Tgt Ion: 93 Resp: 186221

Ion Ratio Lower Upper

93 100

66 62.2 32.9 49.3#

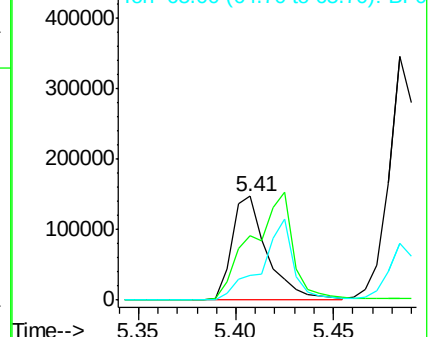
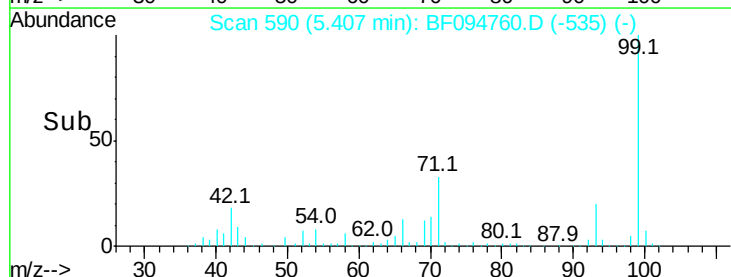
65 23.8 16.0 24.0

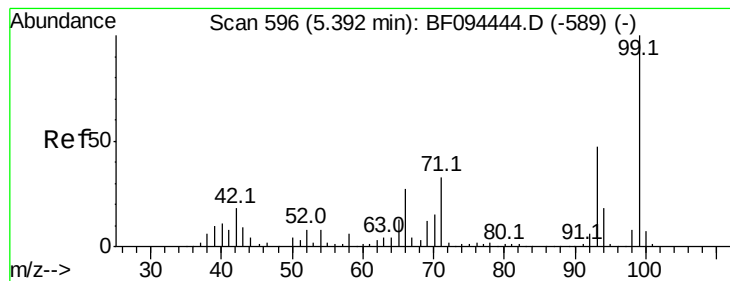


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 110.35 ng

RT: 5.41 min Scan# 591

Delta R.T. 0.02 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Instrument :

BNA_F

ClientSampleId :

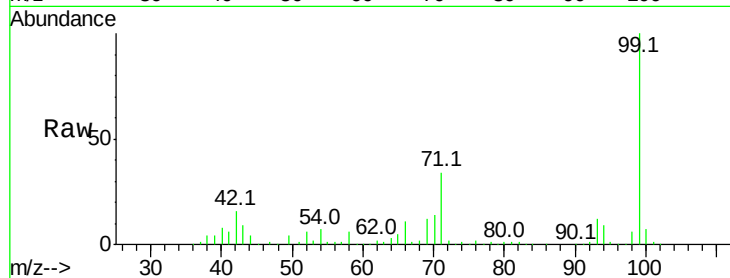
Tot Ion: 99 Resp: 916581

Ion Ratio Lower Upper

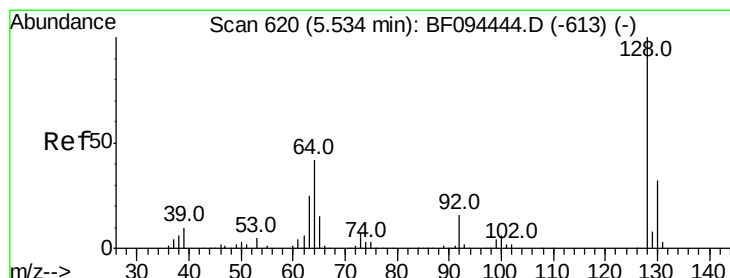
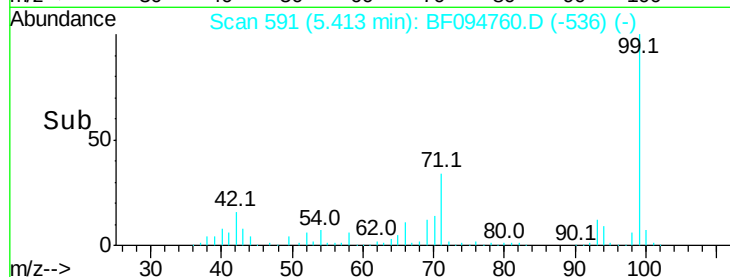
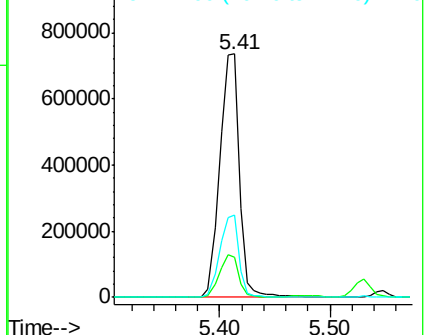
99 100

42 16.3 13.5 20.3

71 33.6 24.5 36.7



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



#8

2-Chlorophenol

Concen: 40.72 ng

RT: 5.55 min Scan# 614

Delta R.T. 0.01 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

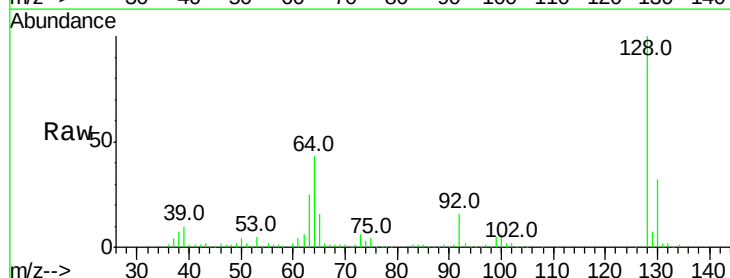
Tgt Ion:128 Resp: 326483

Ion Ratio Lower Upper

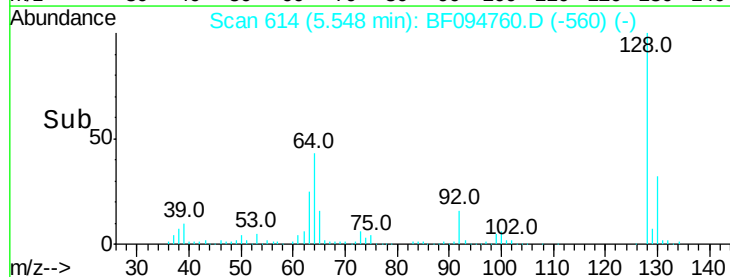
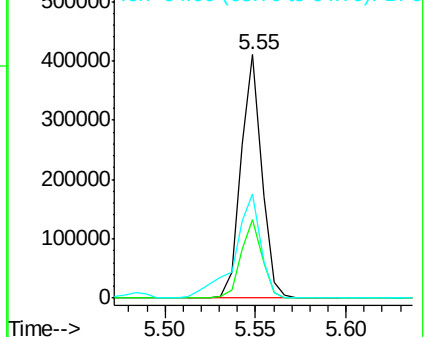
128 100

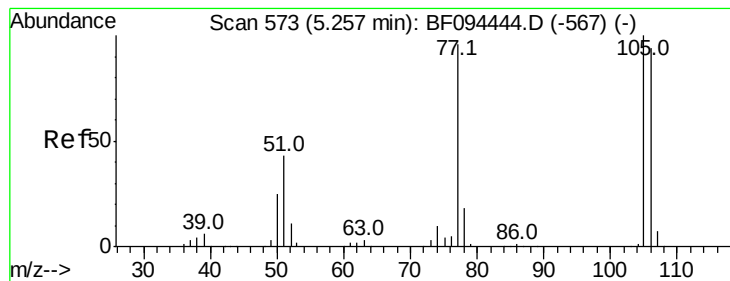
130 32.2 12.9 52.9

64 42.7 28.4 68.4



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





#9

Benzaldehyde

Concen: 7.43 ng

RT: 5.27 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Instrument :

BNA_F

ClientSampleId :

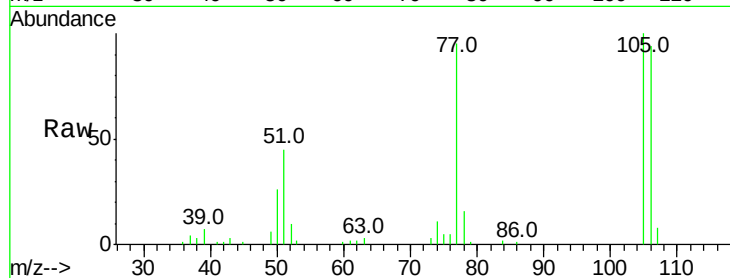
Tot Ion: 77 Resp: 46934

Ion Ratio Lower Upper

77 100

105 104.9 83.8 123.8

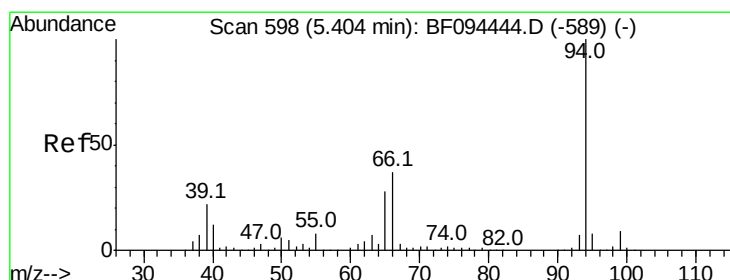
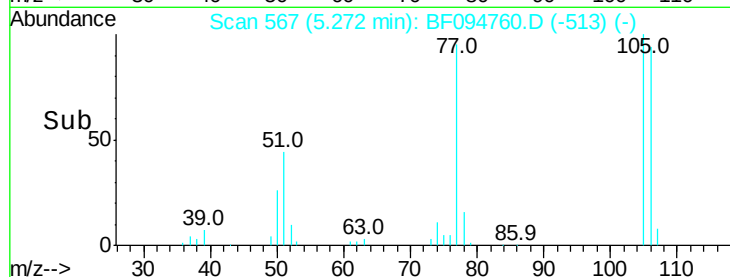
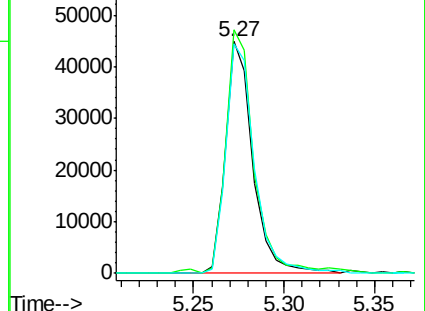
106 98.7 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.07 ng

RT: 5.42 min Scan# 593

Delta R.T. 0.02 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

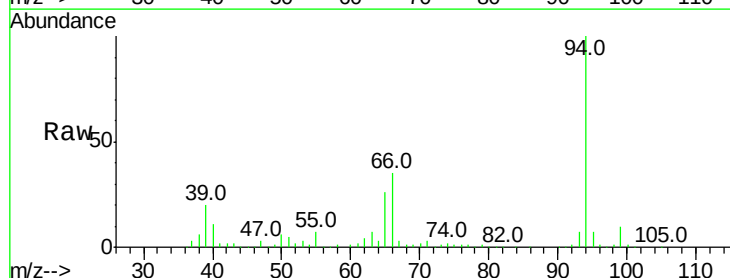
Tgt Ion: 94 Resp: 368068

Ion Ratio Lower Upper

94 100

65 26.3 9.9 49.9

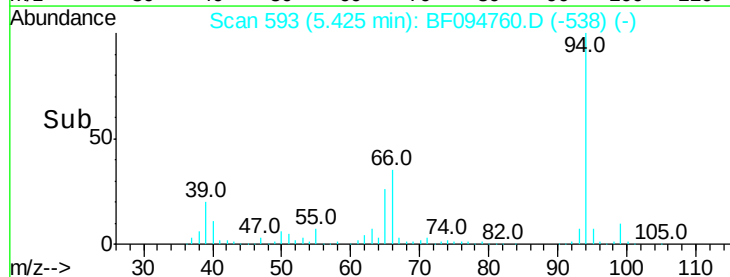
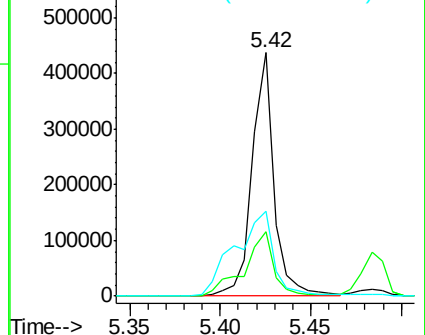
66 34.8 23.1 63.1

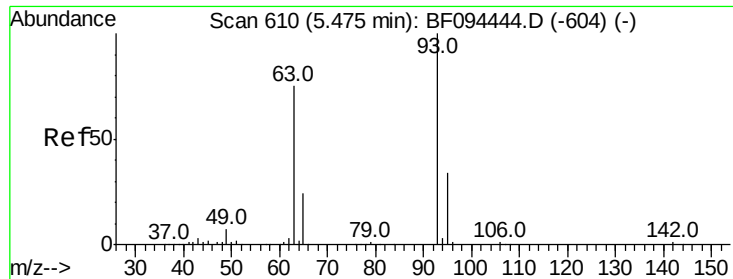


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.31 ng

RT: 5.48 min Scan# 603

Delta R.T. 0.01 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Instrument :

BNA_F

ClientSampleId :

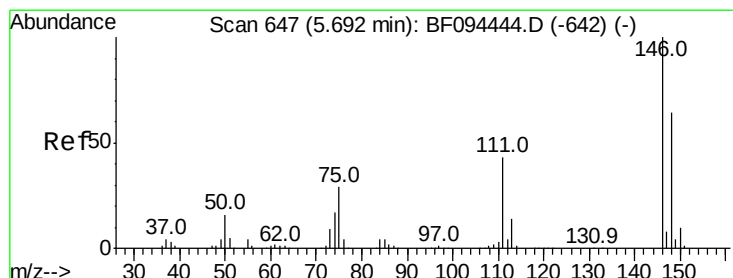
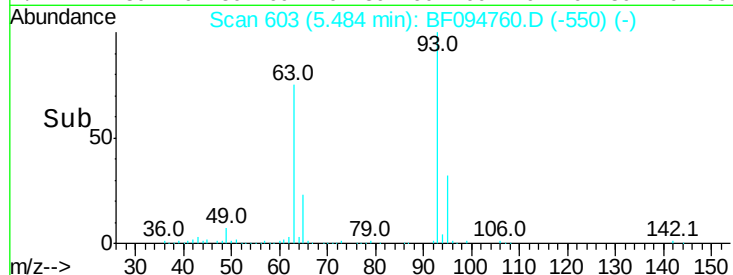
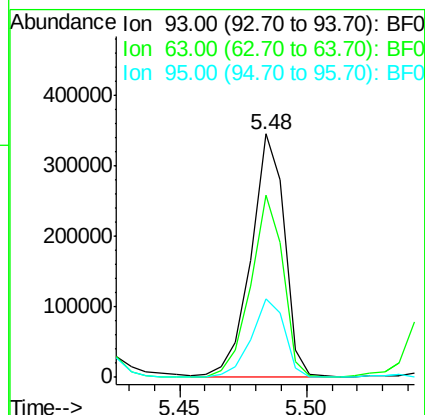
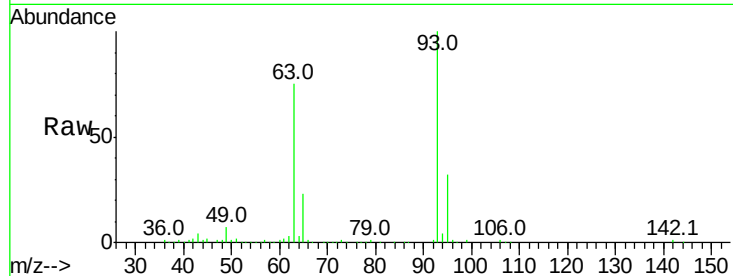
Tot Ion: 93 Resp: 315400

Ion Ratio Lower Upper

93 100

63 75.1 59.2 99.2

95 32.1 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 39.99 ng

RT: 5.70 min Scan# 640

Delta R.T. 0.01 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

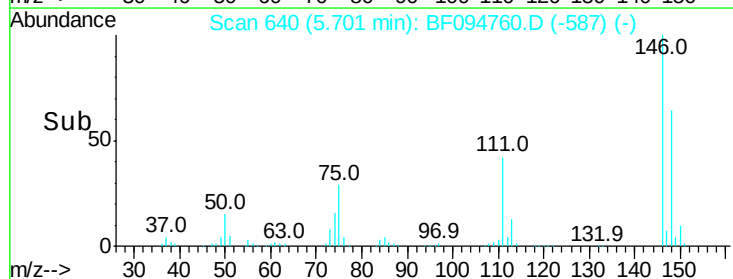
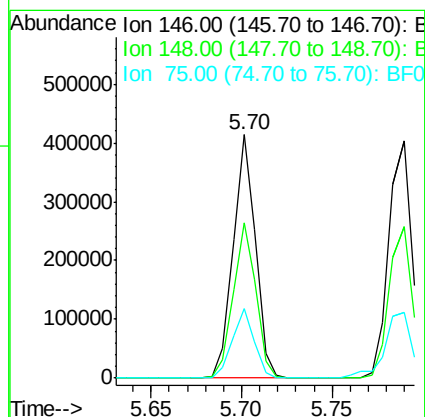
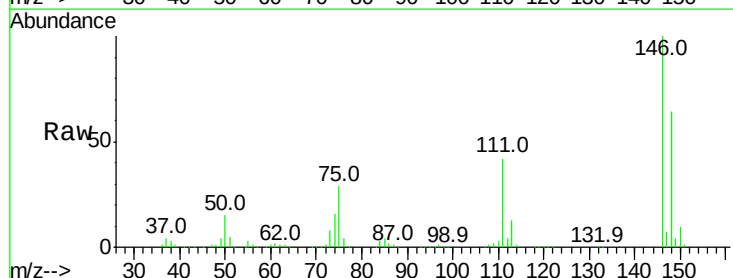
Tgt Ion: 146 Resp: 355244

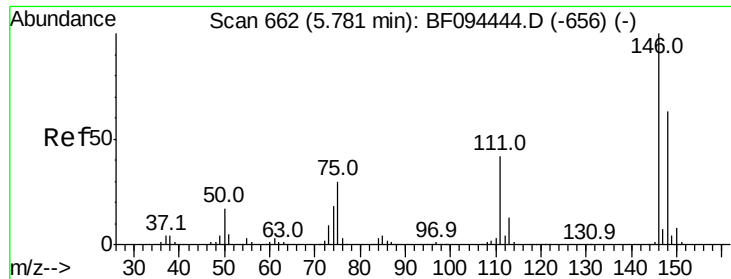
Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

75 28.7 23.1 34.7

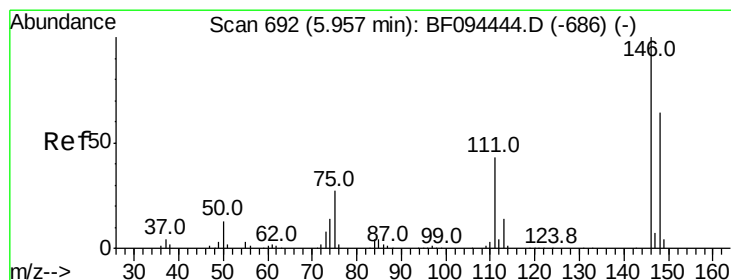
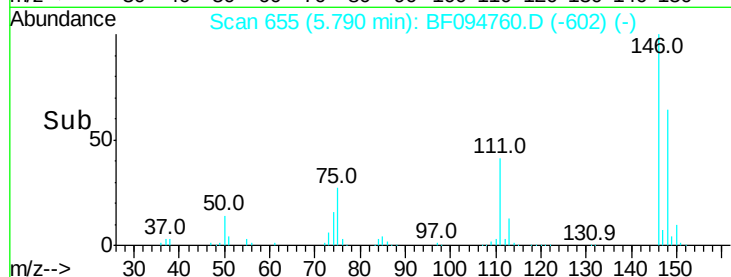
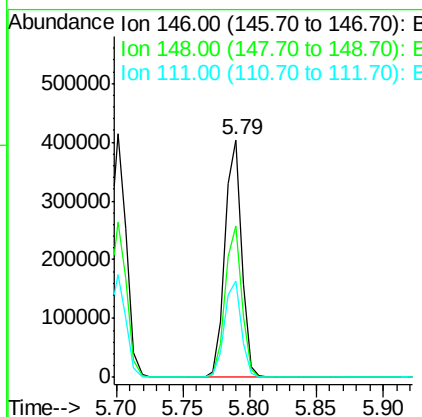
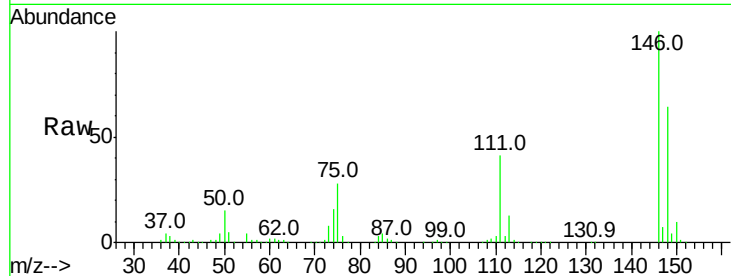




#13
 1,4-Dichlorobenzene
 Concen: 40.28 ng
 RT: 5.79 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

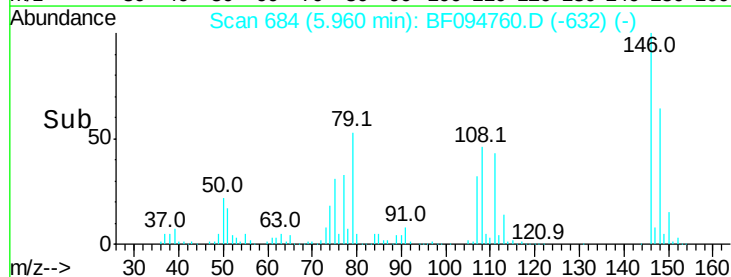
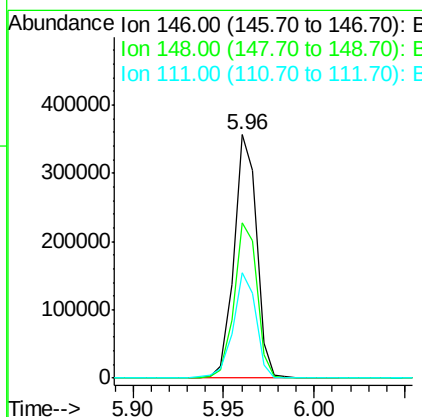
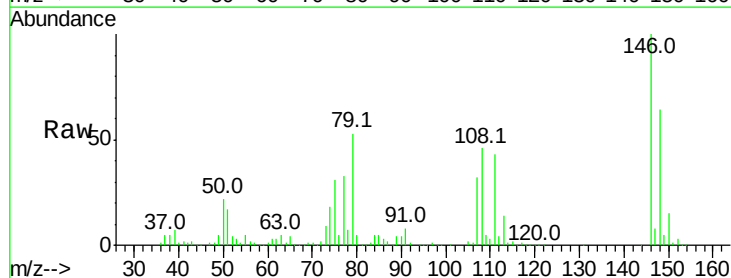
Instrument :
 BNA_F
 ClientSampled :

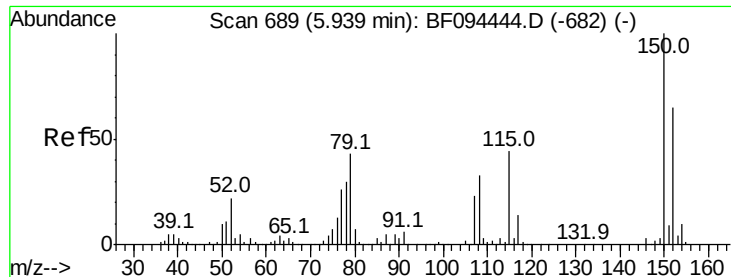
Tot Ion:146 Resp: 359997
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.2 78.2
 111 40.6 30.3 45.5



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

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

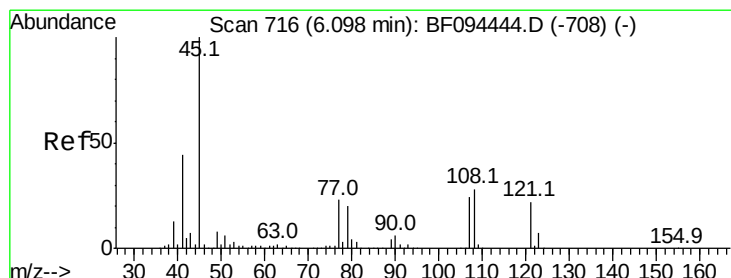
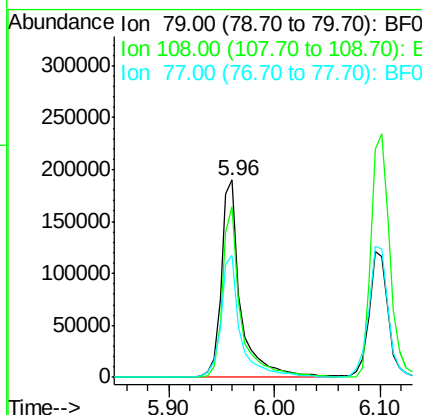
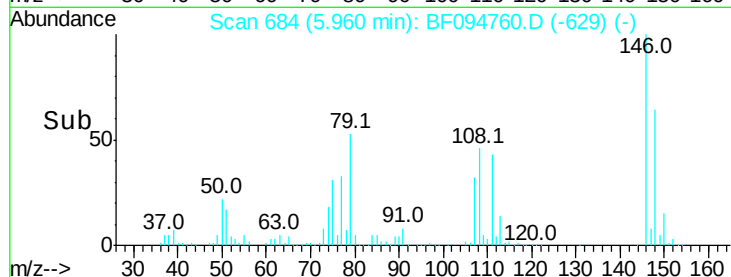
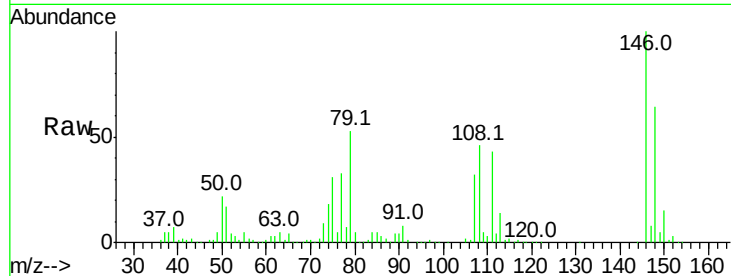




#15
Benzyl Alcohol
Concen: 39.21 ng
RT: 5.96 min Scan# 684
Delta R.T. 0.02 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

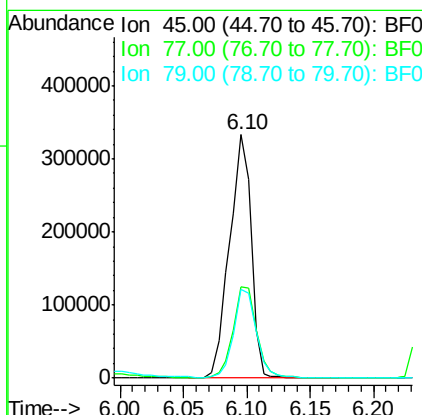
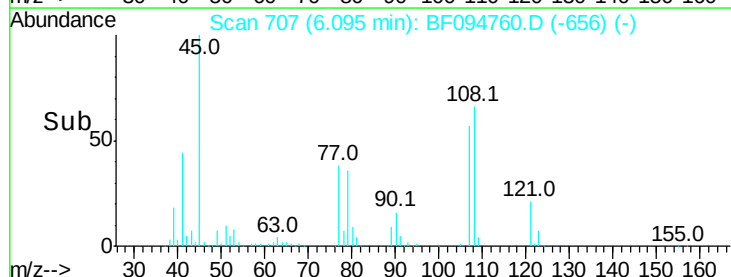
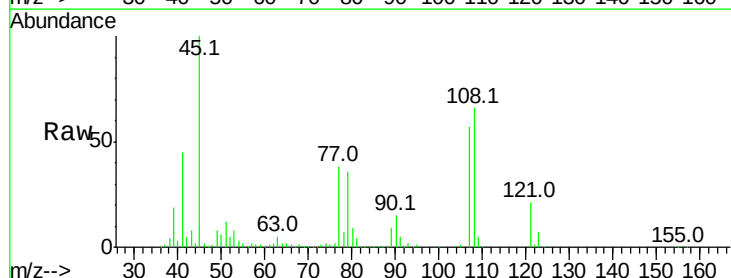
Instrument :
BNA_F
ClientSampled :

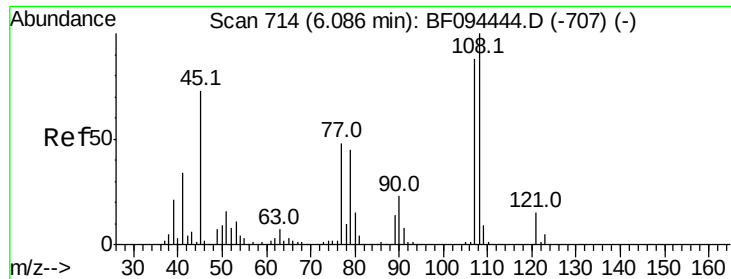
Tot Ion: 79 Resp: 241607
Ion Ratio Lower Upper
79 100
108 86.4 63.4 95.0
77 61.9 49.2 73.8



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

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





#17

2-Methylphenol

Concen: 40.20 ng

RT: 6.10 min Scan# 708

Delta R.T. 0.01 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 253825

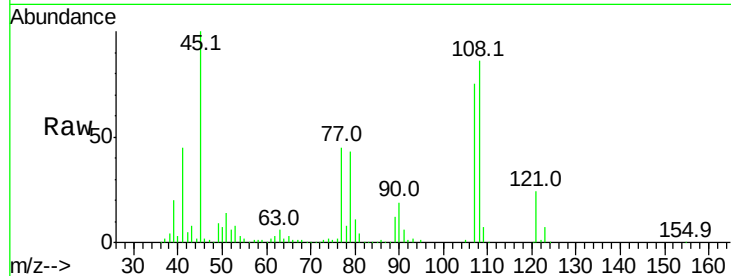
Ion Ratio Lower Upper

107 100

108 115.0 93.4 140.0

77 60.5 35.8 53.6#

79 57.2 34.8 52.2#

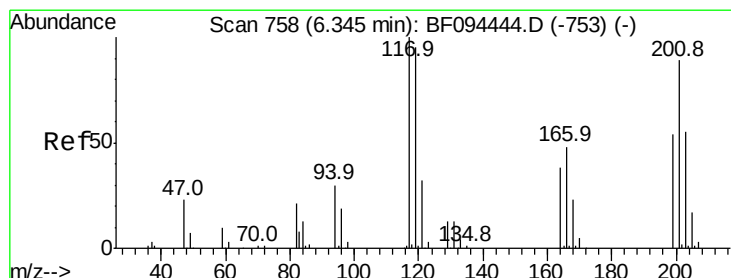
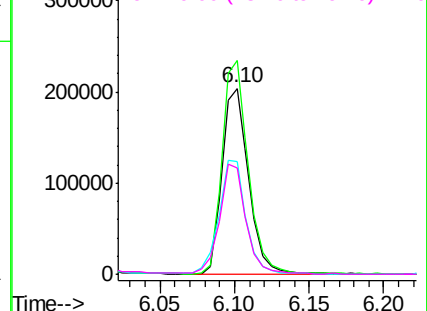
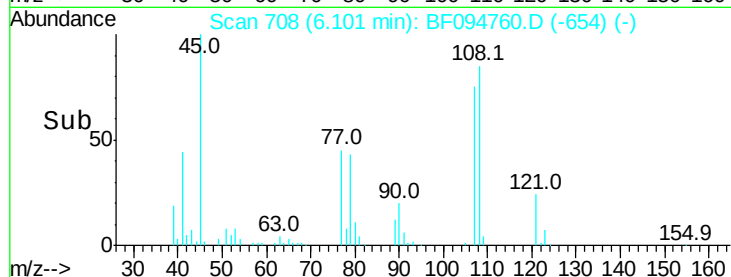


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.00 ng

RT: 6.34 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

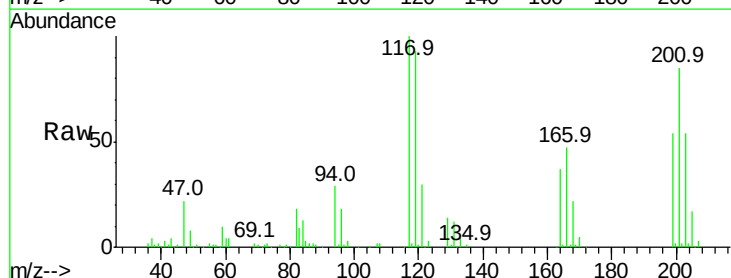
Tgt Ion:117 Resp: 119472

Ion Ratio Lower Upper

117 100

119 93.2 77.4 116.0

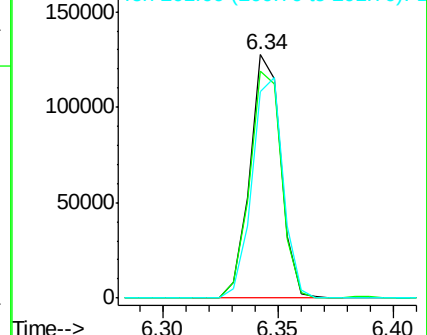
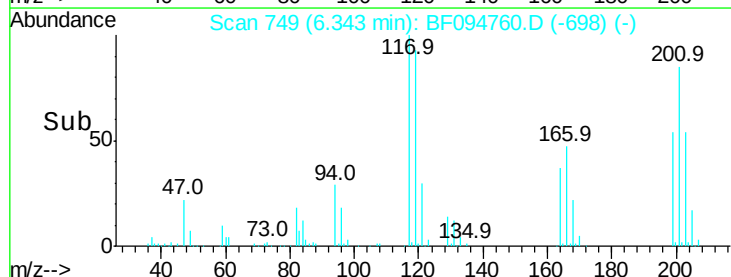
201 84.7 94.6 141.8#

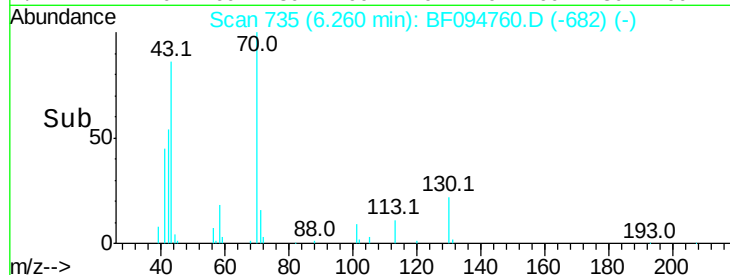
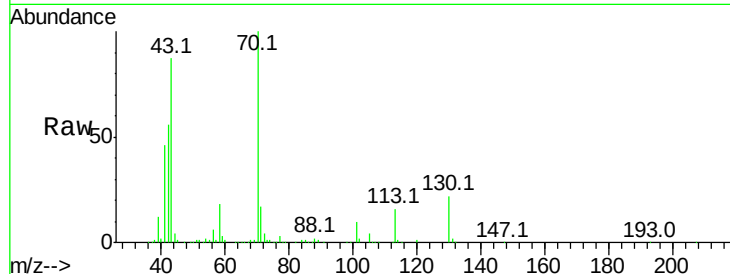
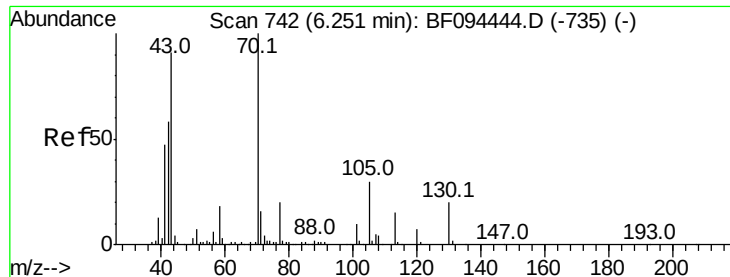


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

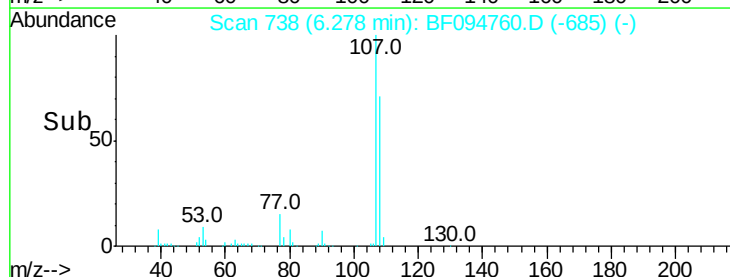
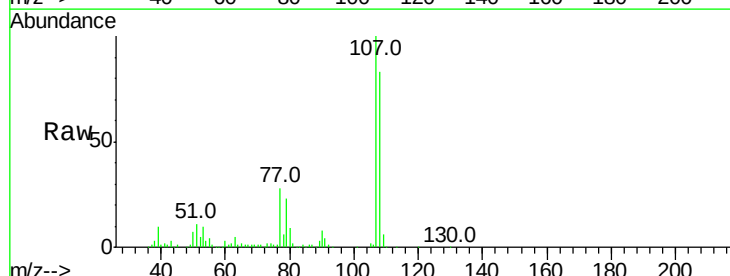
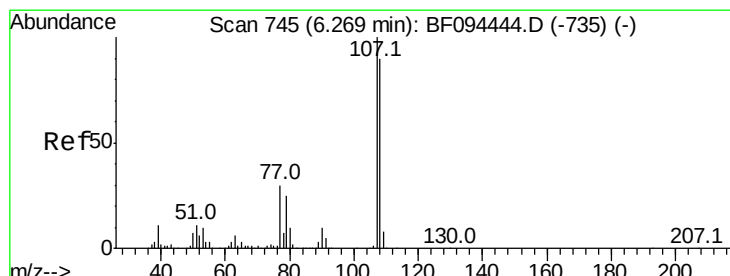
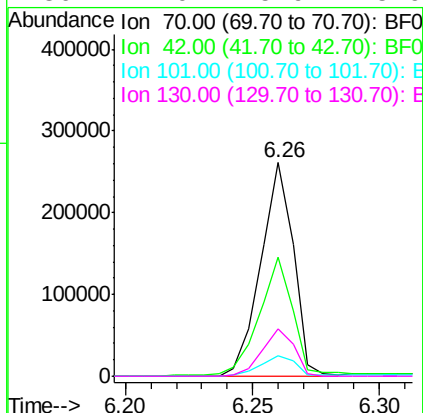




#19
n-Nitroso-di-n-propylamine
Concen: 42.82 ng
RT: 6.26 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

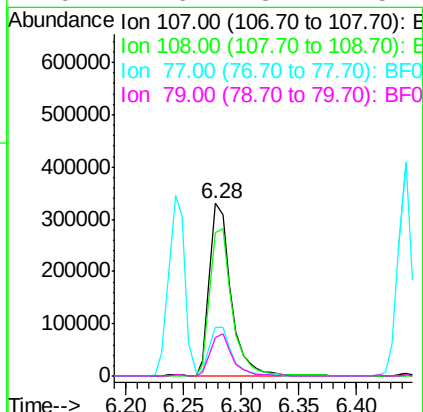
Instrument :
BNA_F
ClientSampleId :

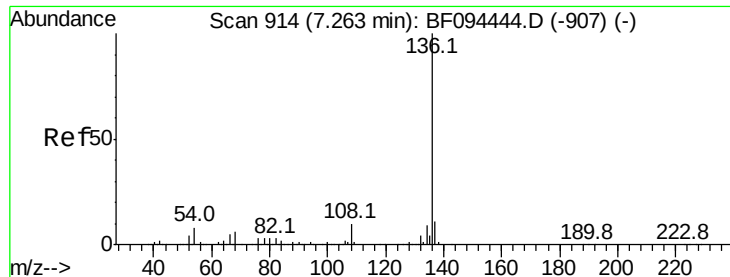
Tot Ion:	70	Resp:	235689
Ion	Ratio	Lower	Upper
70	100		
42	55.9	47.2	70.8
101	9.6	7.2	10.8
130	22.0	15.9	23.9



#20
3+4-Methylphenols
Concen: 49.93 ng
RT: 6.28 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

Tgt Ion:	107	Resp:	428383
Ion	Ratio	Lower	Upper
107	100		
108	82.9	71.0	111.0
77	27.9	90.5	130.5#
79	22.6	8.4	48.4

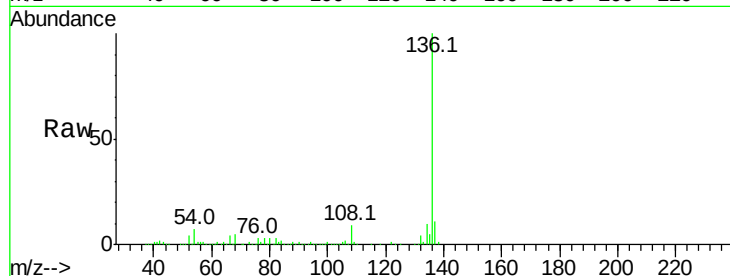




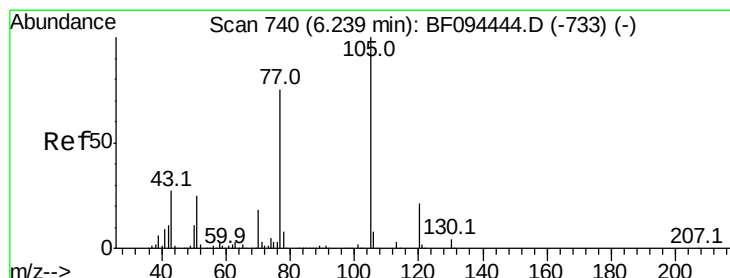
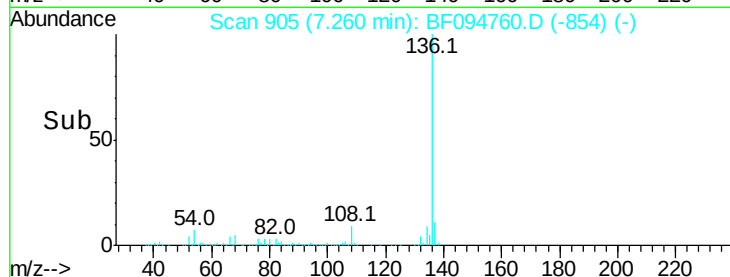
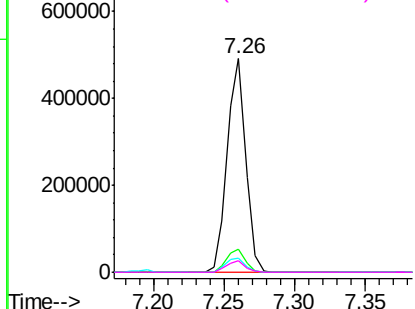
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

Instrument :
BNA_F
ClientSampleId :

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

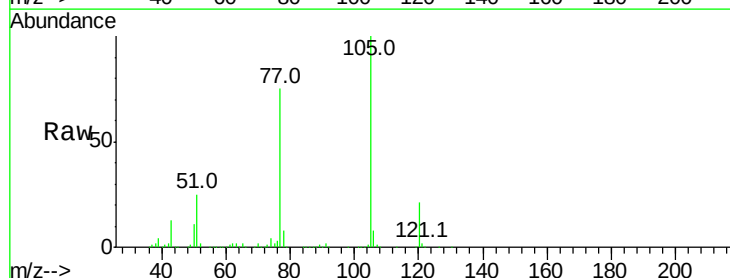


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

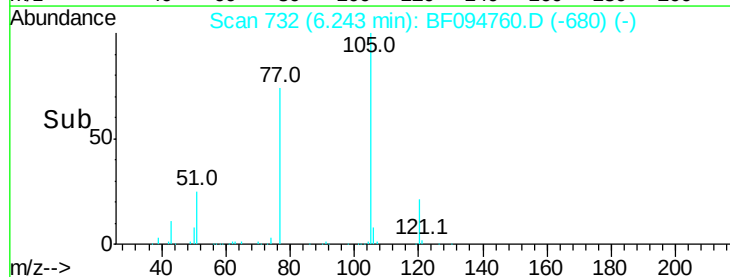
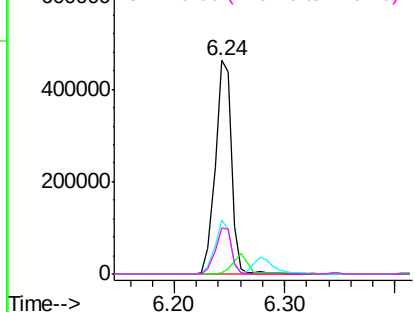


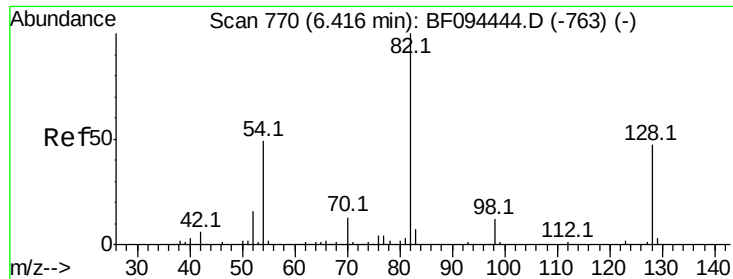
#22
Acetophenone
Concen: 43.03 ng
RT: 6.24 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

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



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

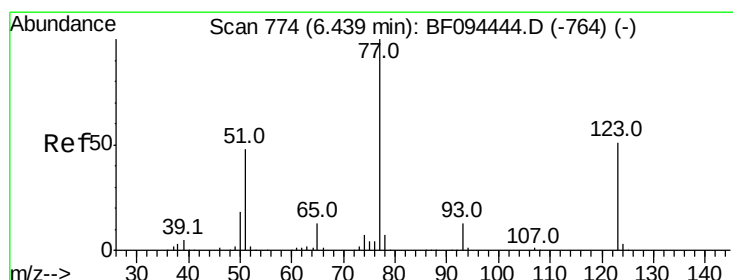
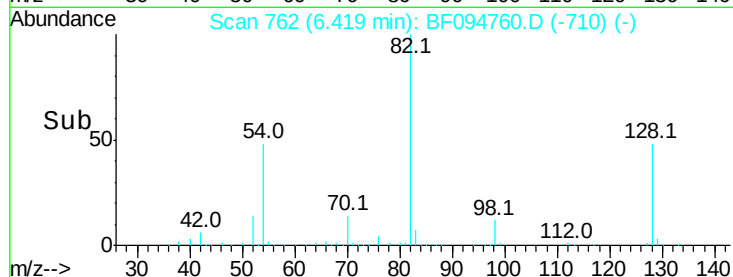
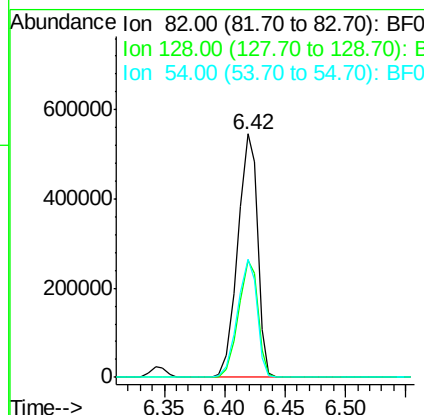
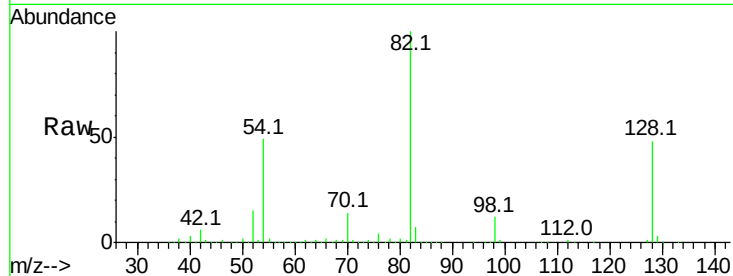




#23
 Nitrobenzene-d5
 Concen: 86.44 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

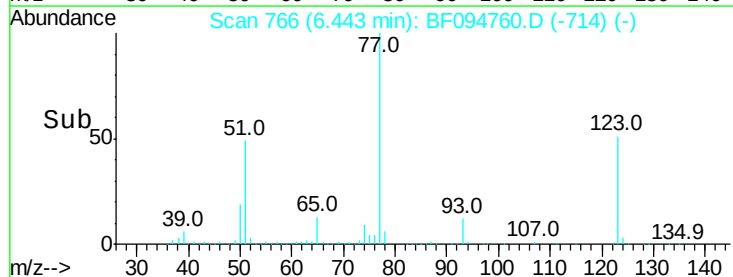
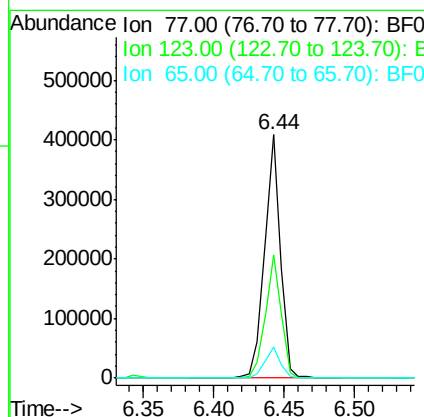
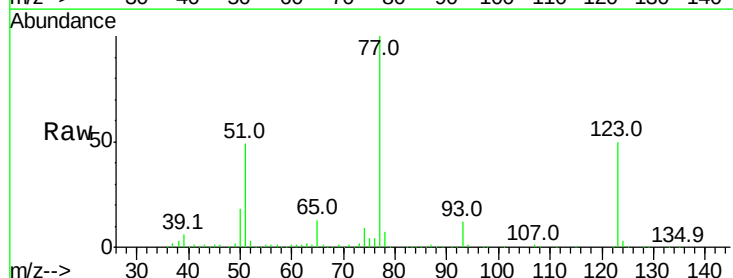
Instrument :
 BNA_F
 ClientSampleId :

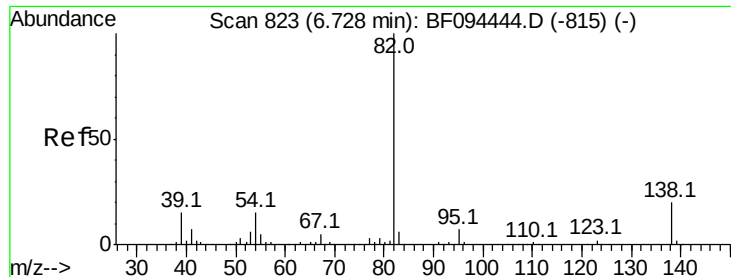
Tot Ion	82	Resp	627988
Ion Ratio	100	Lower	Upper
128	47.8	34.0	51.0
54	48.8	42.2	63.2



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

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





#25

Isophorone

Concen: 43.98 ng

RT: 6.73 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Instrument :
BNA_F
ClientSampleId :

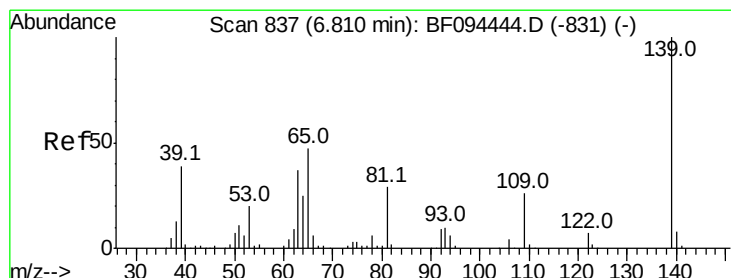
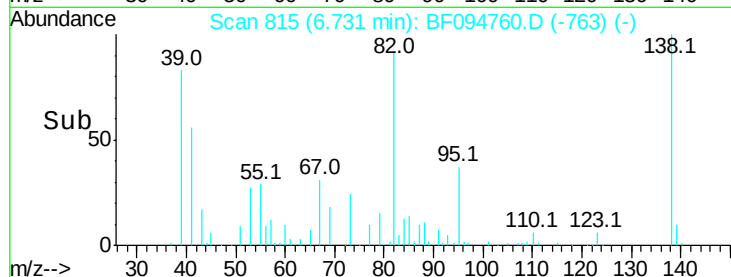
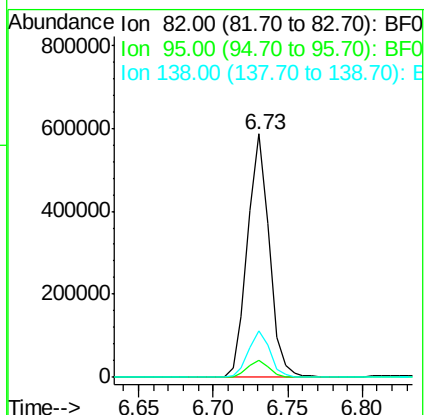
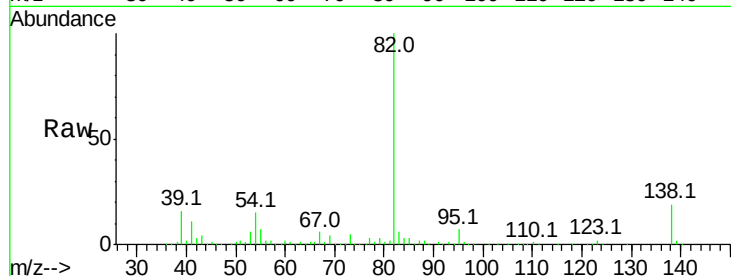
Tot Ion: 82 Resp: 592281

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 18.9 13.1 19.7



#26

2-Nitrophenol

Concen: 44.05 ng

RT: 6.81 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

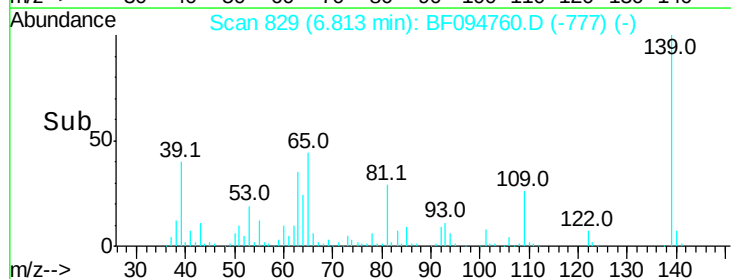
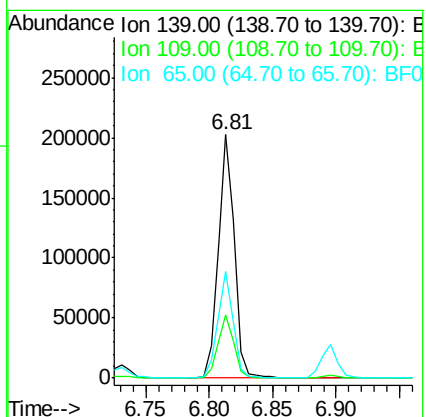
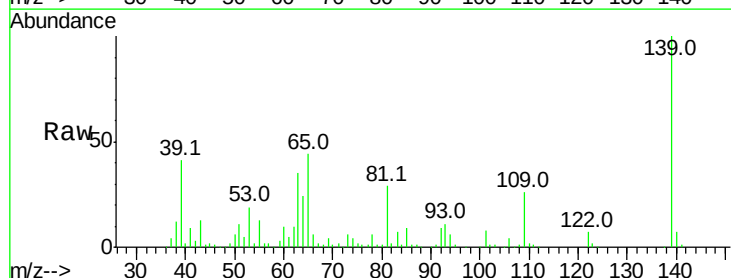
Tgt Ion: 139 Resp: 181058

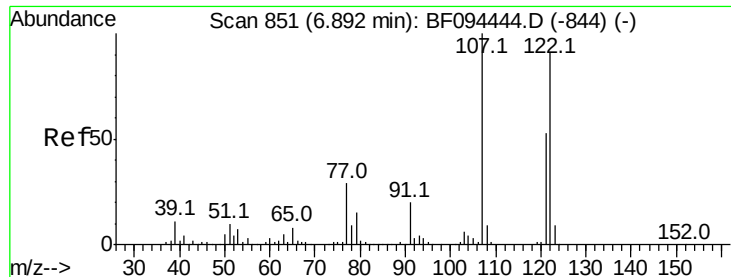
Ion Ratio Lower Upper

139 100

109 26.2 21.0 31.6

65 43.9 33.0 49.6

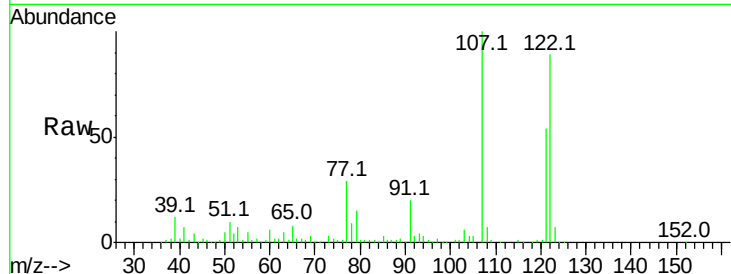




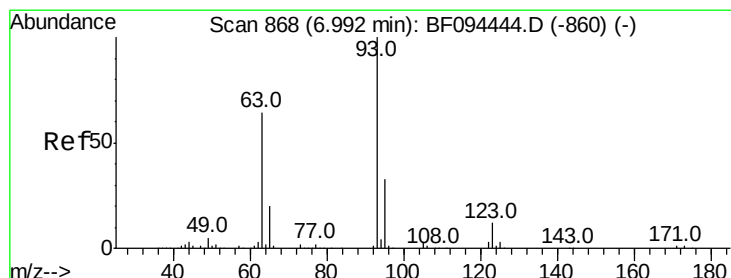
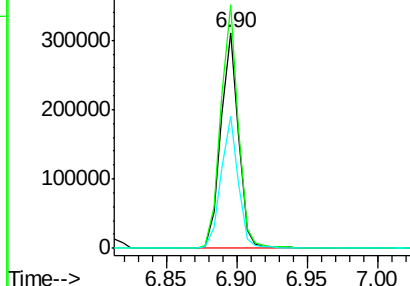
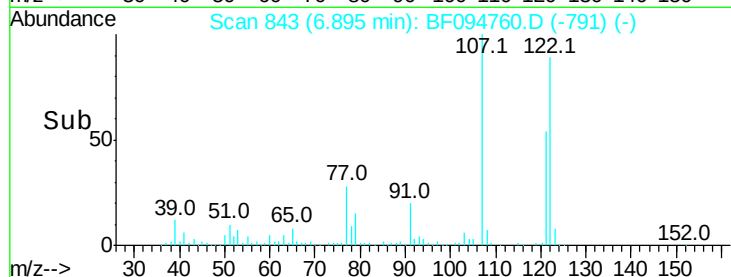
#27
 2,4-Dimethylphenol
 Concen: 40.79 ng
 RT: 6.90 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

Instrument :
 BNA_F
 ClientSampleId :

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

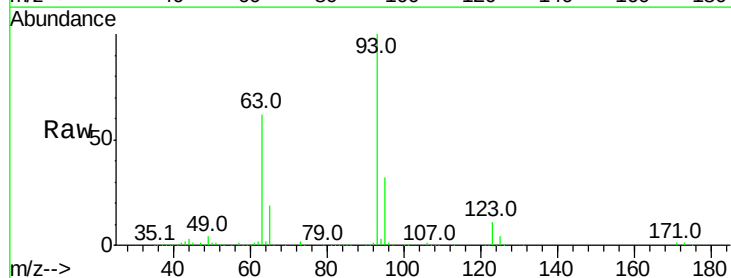


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

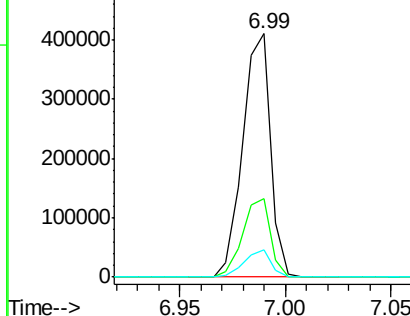
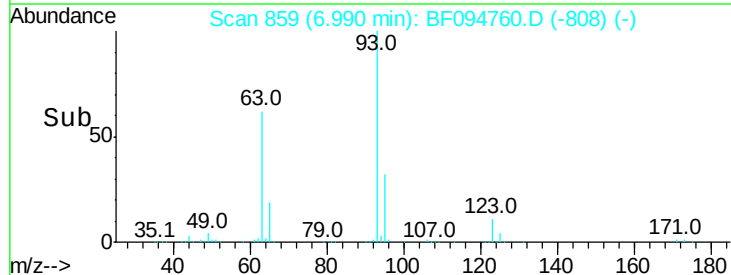


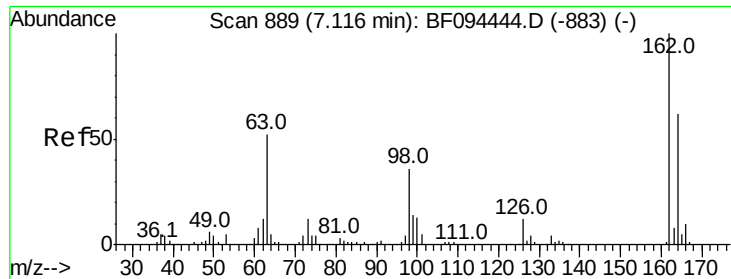
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.10 ng
 RT: 6.99 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

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



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

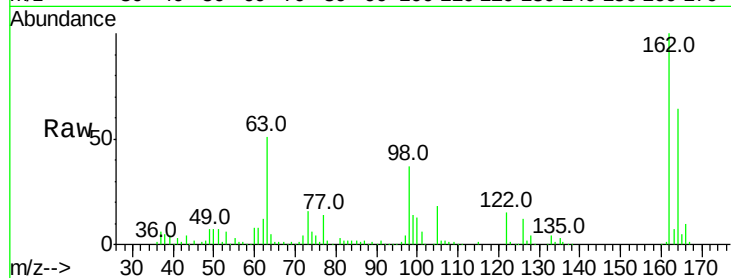




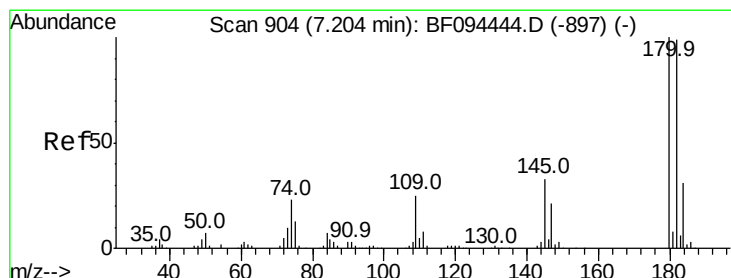
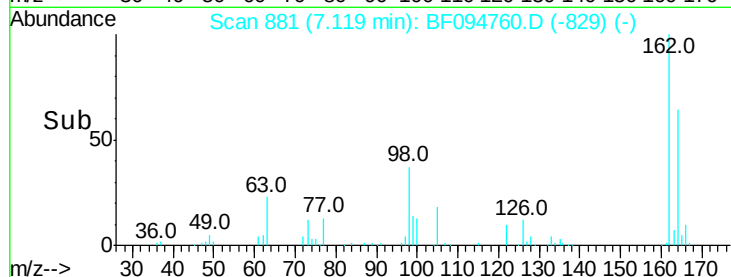
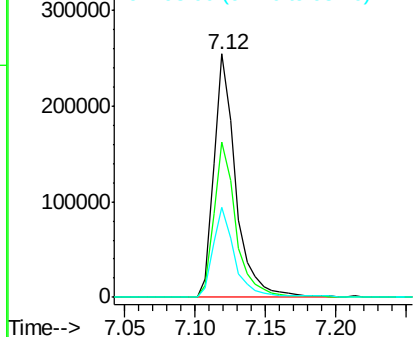
#29
 2,4-Dichlorophenol
 Concen: 44.13 ng
 RT: 7.12 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

Instrument :
 BNA_F
 ClientSampleId :

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

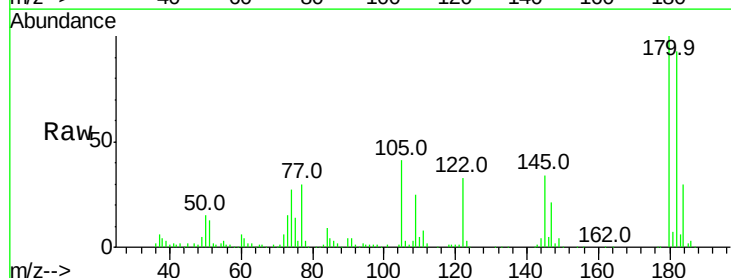


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

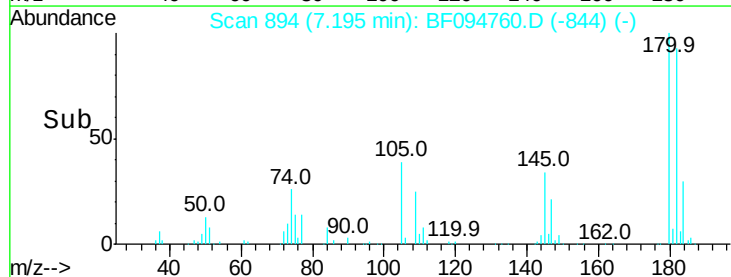
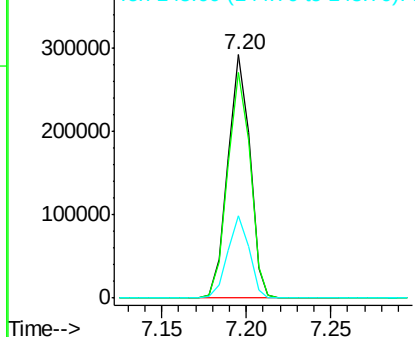


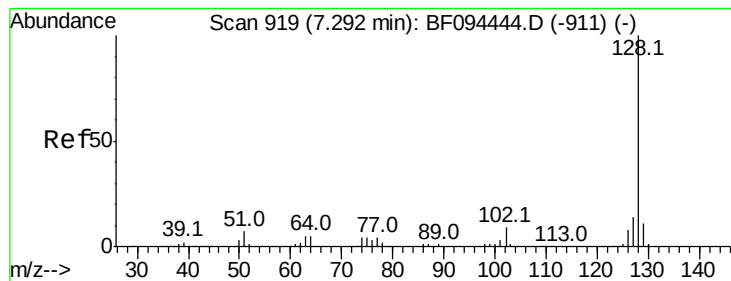
#30
 1,2,4-Trichlorobenzene
 Concen: 41.30 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

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



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.76 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Instrument :

BNA_F

ClientSampleId :

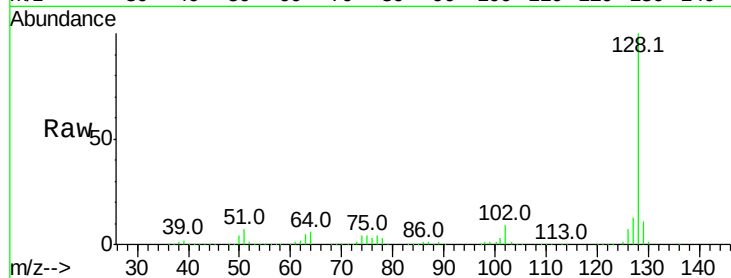
Tot Ion:128 Resp: 943695

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

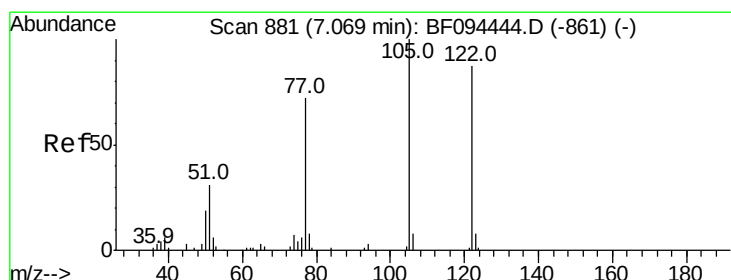
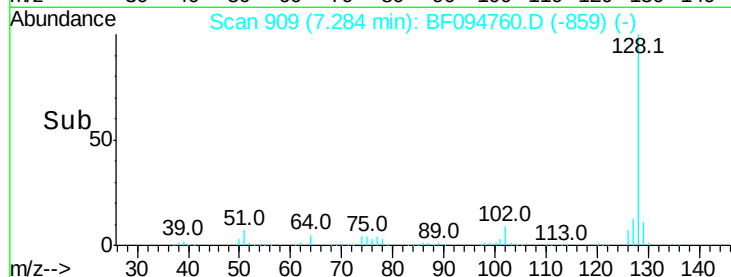
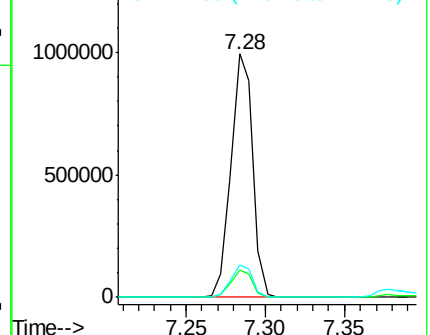
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 171.73 ng

RT: 7.22 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

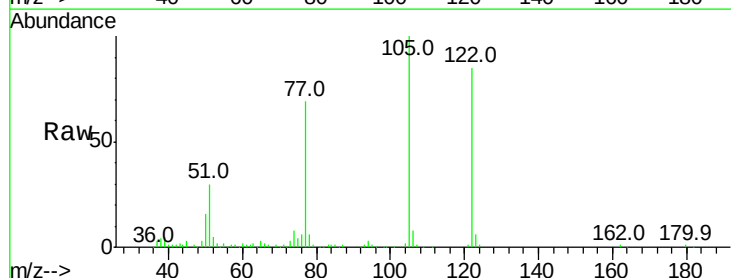
Tgt Ion:122 Resp: 606317

Ion Ratio Lower Upper

122 100

105 118.1 103.3 143.3

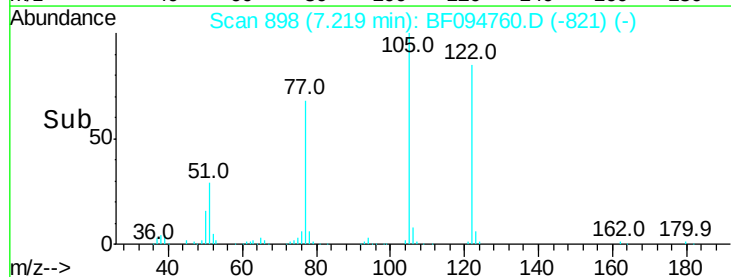
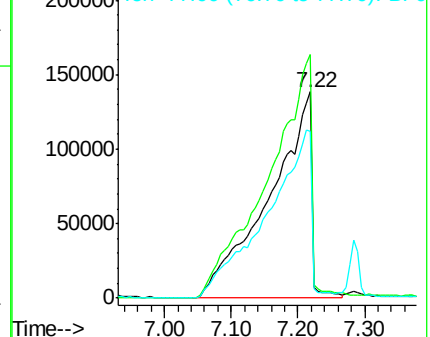
77 81.2 73.7 113.7

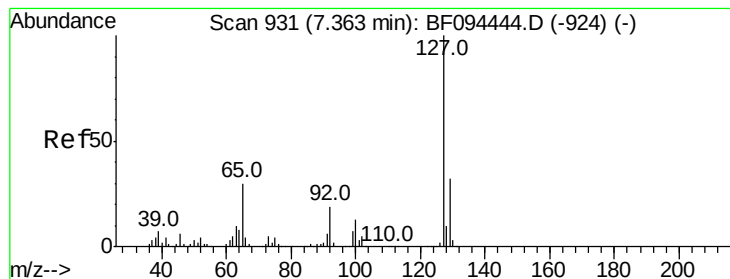


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 8.36 ng

RT: 7.38 min Scan# 925

Delta R.T. 0.01 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 75031

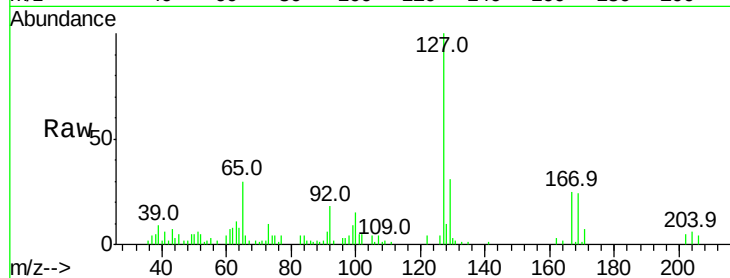
Ion Ratio Lower Upper

127 100

129 31.2 26.2 39.2

65 29.6 27.8 41.8

92 18.3 16.8 25.2

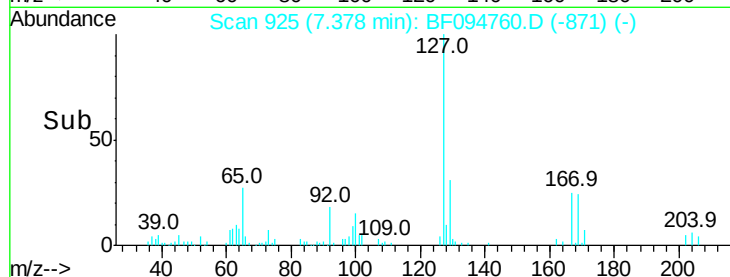


Abundance Ion 127.00 (126.70 to 127.70): E

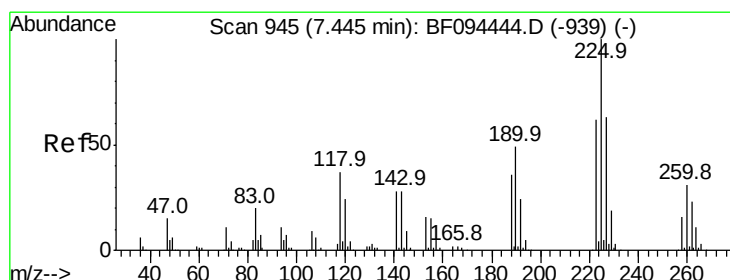
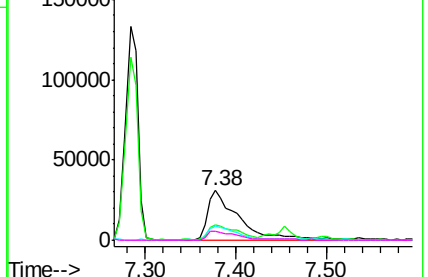
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 44.31 ng

RT: 7.44 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

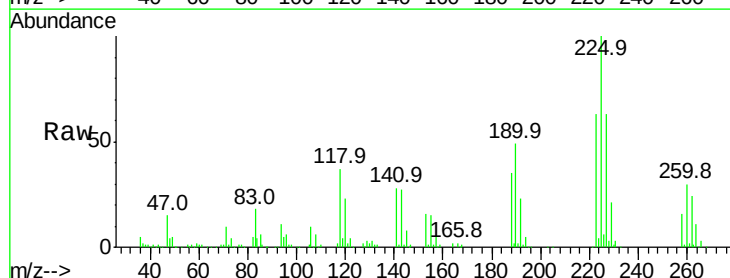
Tgt Ion:225 Resp: 141848

Ion Ratio Lower Upper

225 100

223 62.6 48.8 73.2

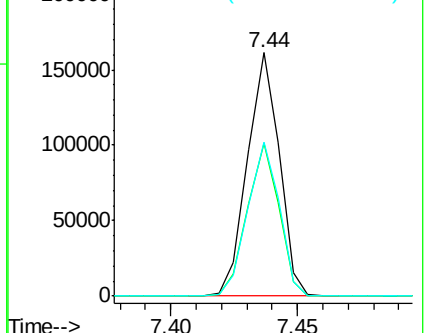
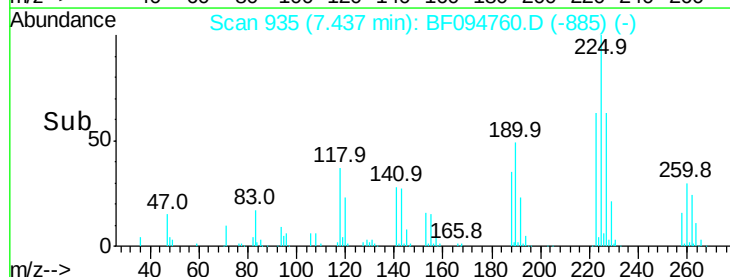
227 63.3 51.1 76.7

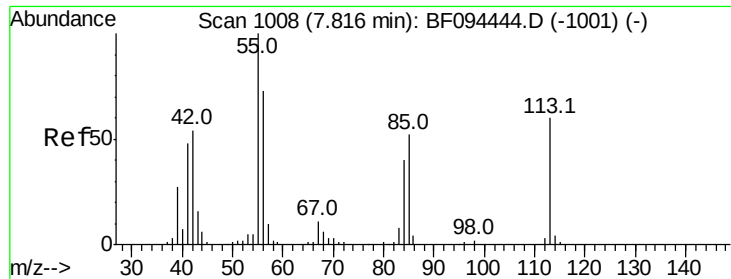


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

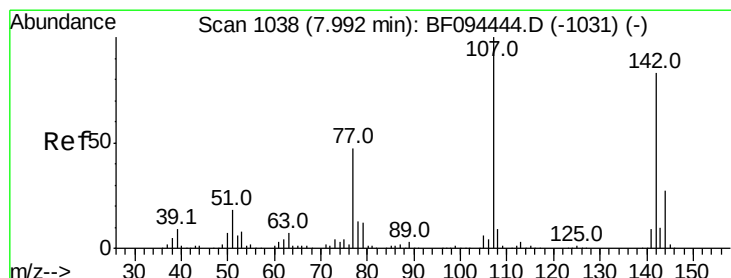
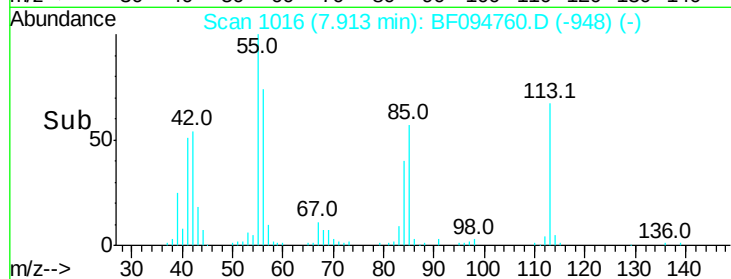
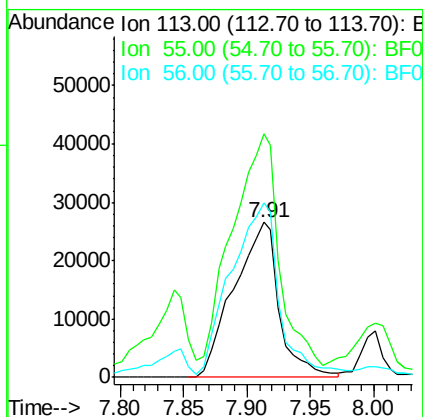
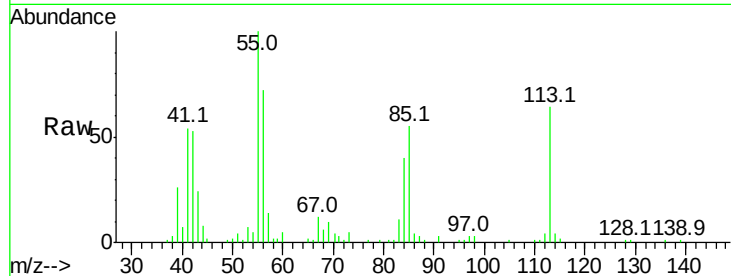




#35
 Caprolactam
 Concen: 34.02 ng
 RT: 7.91 min Scan# 1016
 Delta R.T. 0.10 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

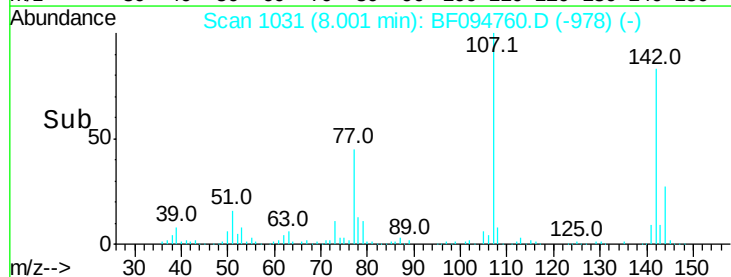
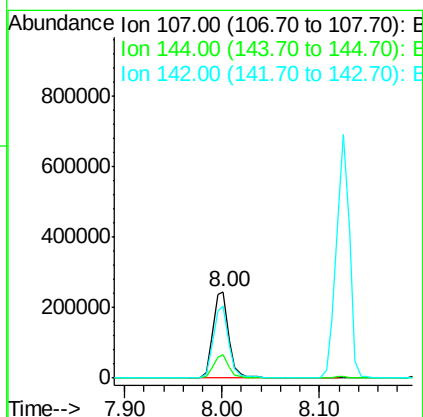
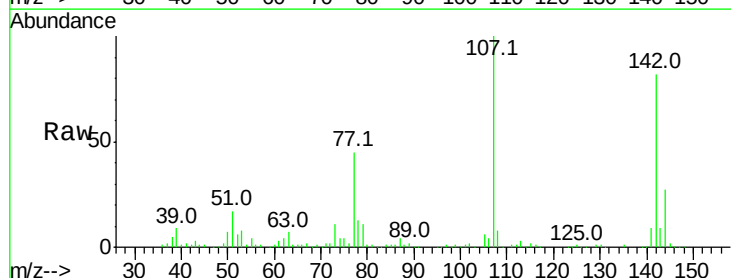
Instrument :
 BNA_F
 ClientSampled :

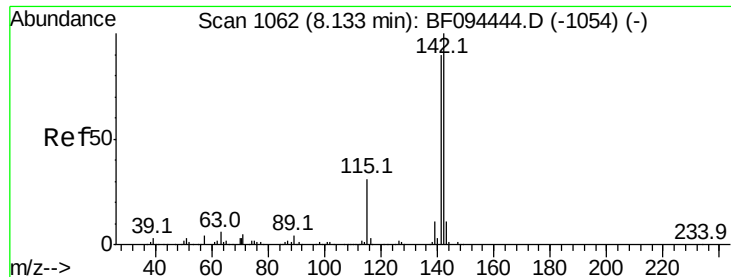
Tot Ion:113 Resp: 66375
 Ion Ratio Lower Upper
 113 100
 55 157.4 150.2 190.2
 56 113.1 107.8 147.8



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

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

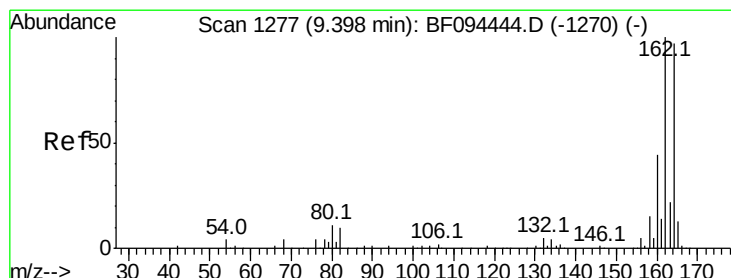
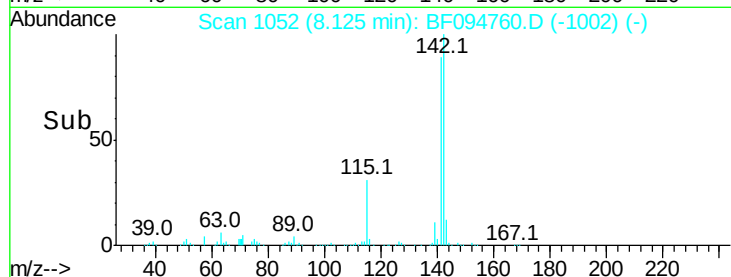
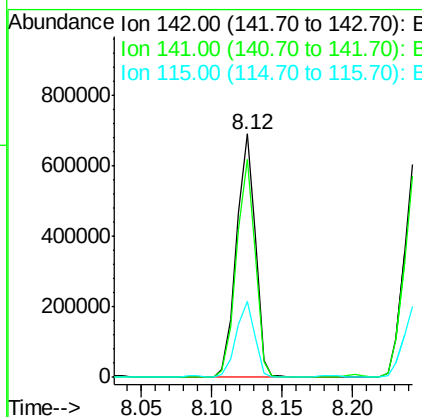
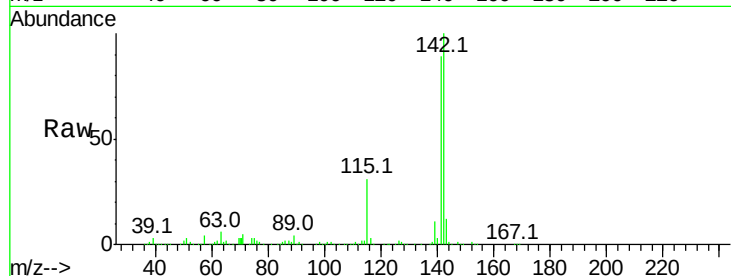




#37
 2-Methylnaphthalene
 Concen: 43.50 ng
 RT: 8.12 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

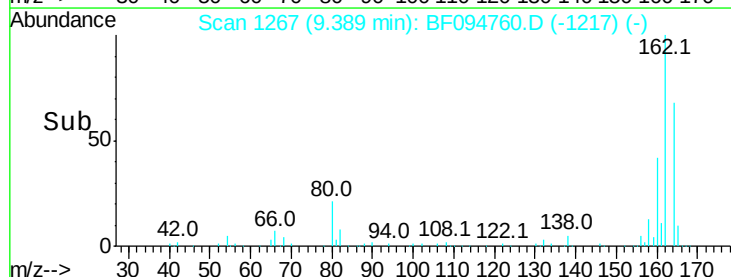
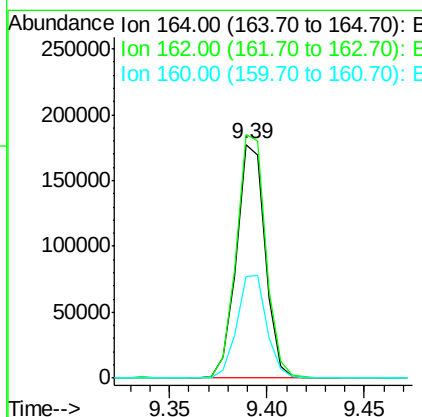
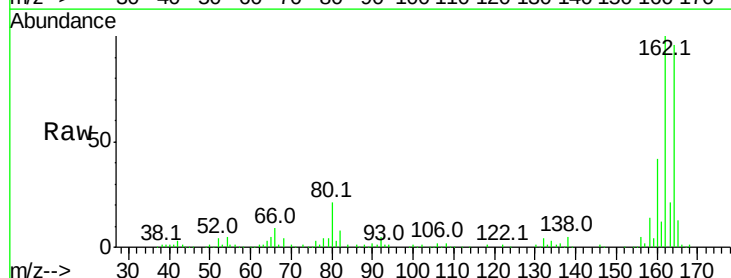
Instrument :
 BNA_F
 ClientSampled :

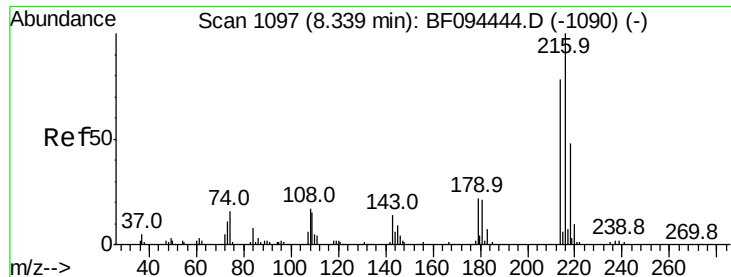
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.3	106.9
115	31.4	27.1	40.7



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

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

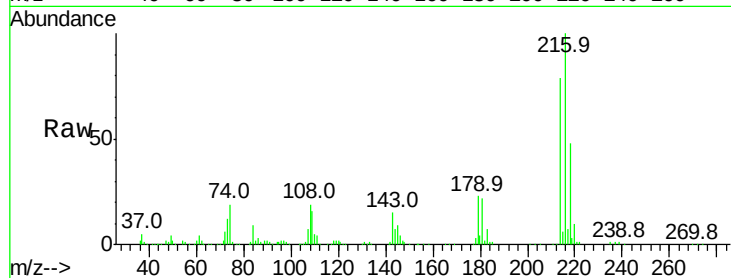




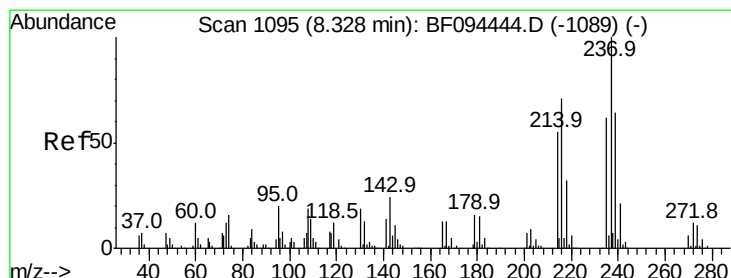
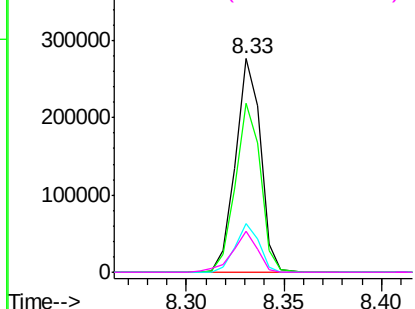
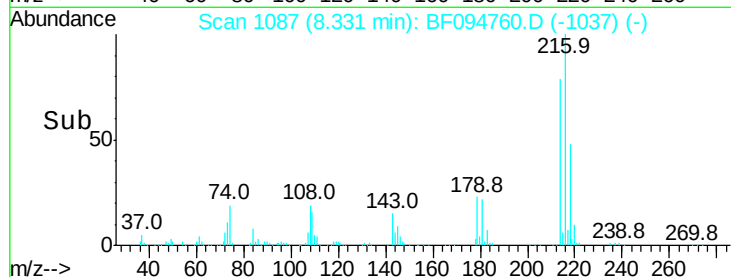
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.79 ng
 RT: 8.33 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	246668
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.4	95.2
179	22.1	17.9	26.9
108	19.4	16.5	24.7

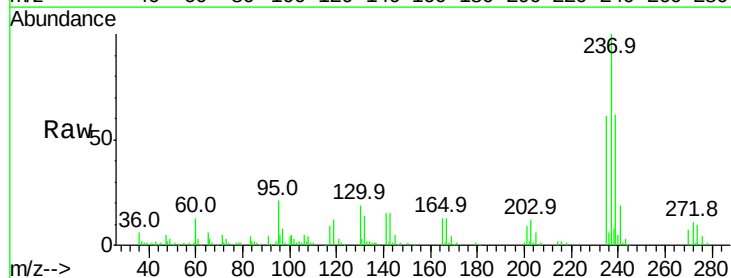


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

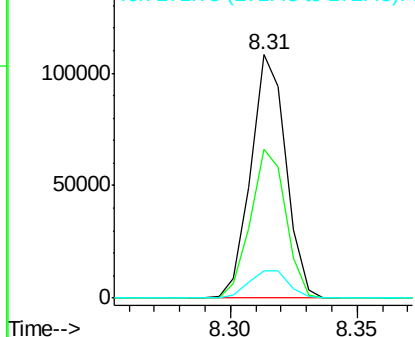
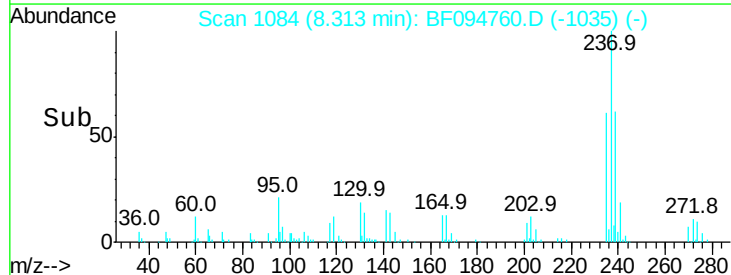


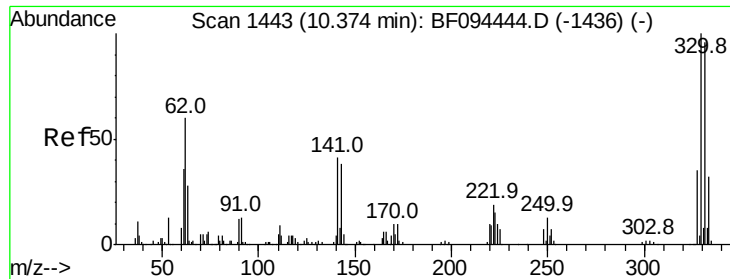
#40
 Hexachlorocyclopentadiene
 Concen: 49.78 ng
 RT: 8.31 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

Tgt Ion:	237	Resp:	103946
Ion	Ratio	Lower	Upper
237	100		
235	61.4	42.6	82.6
272	11.4	0.0	31.9



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

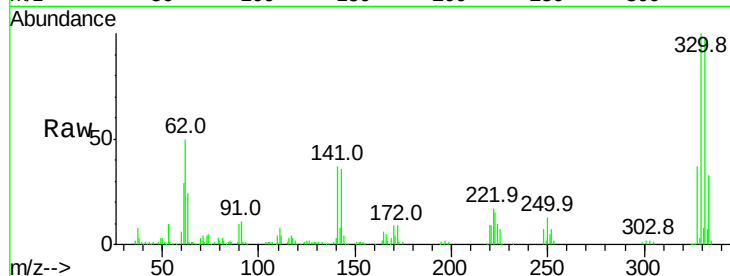




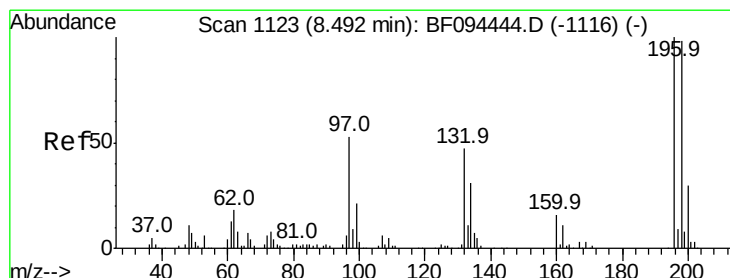
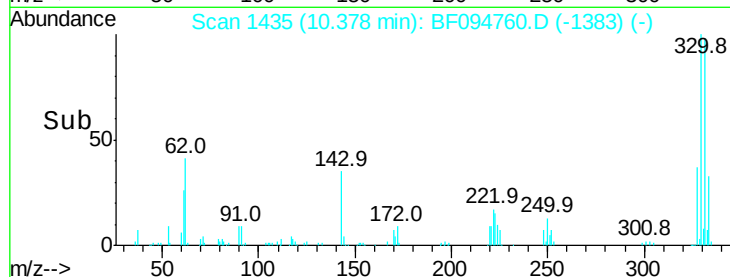
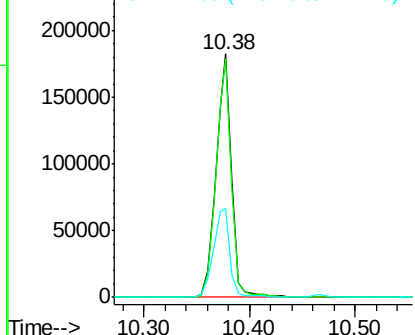
#41
 2,4,6-Tribromophenol
 Concen: 133.66 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

Instrument :
 BNA_F
 ClientSampled :

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

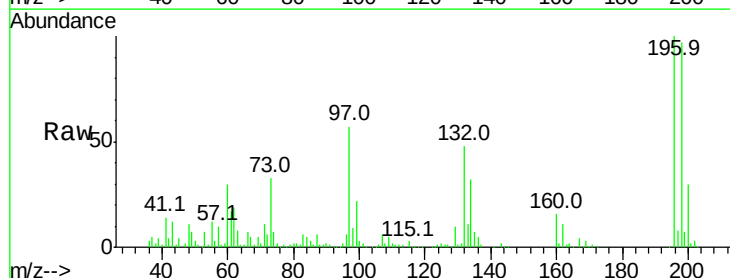


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

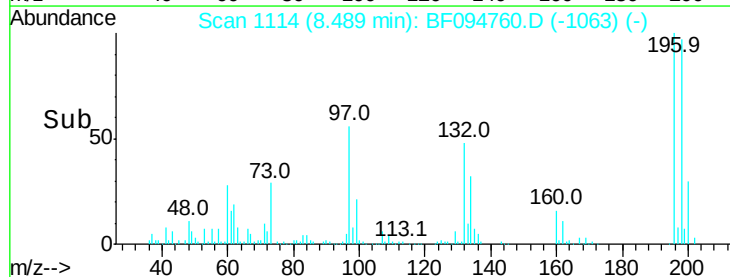
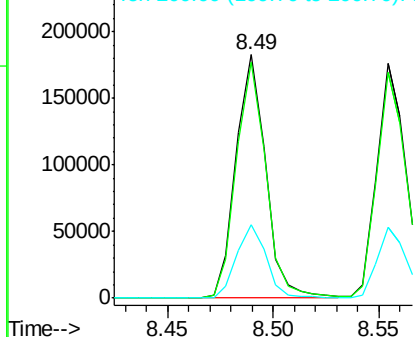


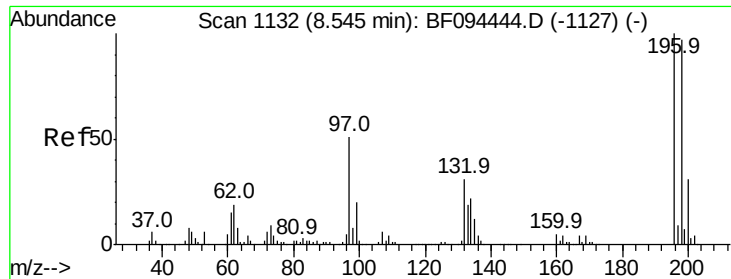
#42
 2,4,6-Trichlorophenol
 Concen: 49.26 ng
 RT: 8.49 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

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



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

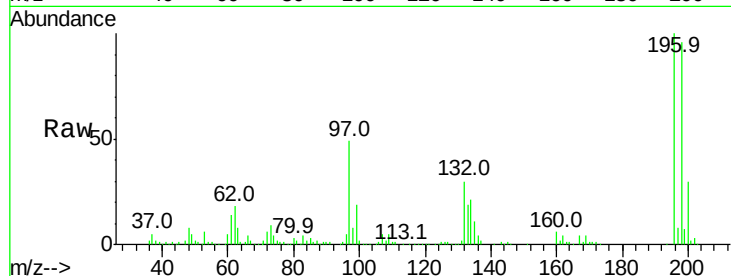




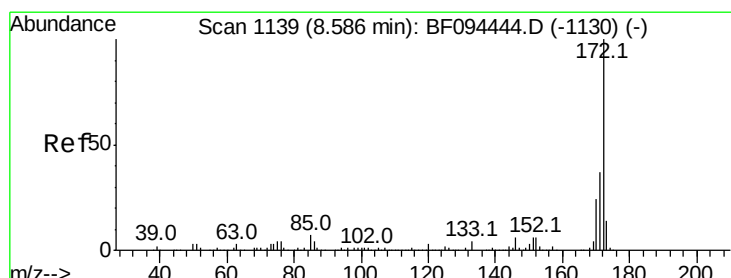
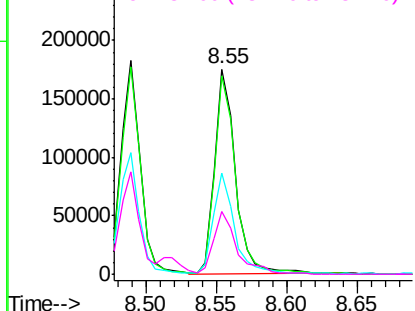
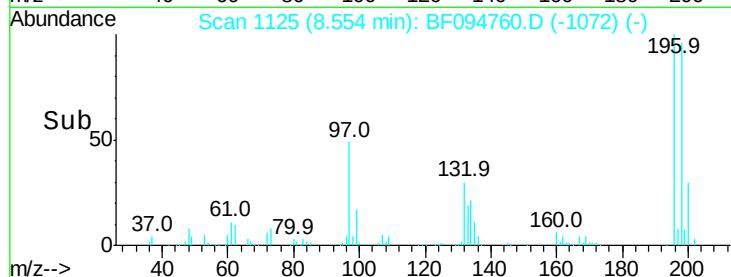
#43
 2,4,5-Trichlorophenol
 Concen: 48.42 ng
 RT: 8.55 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

Instrument :
 BNA_F
 ClientSampleId :

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

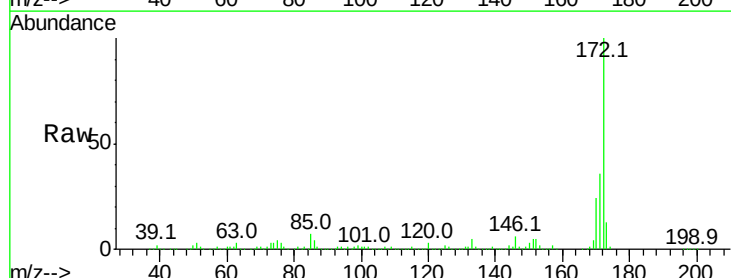


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

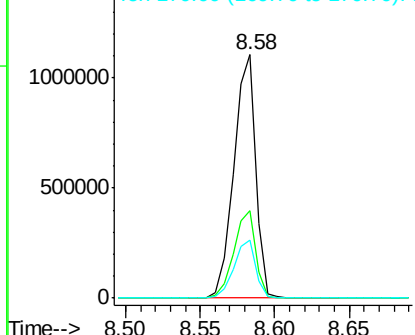
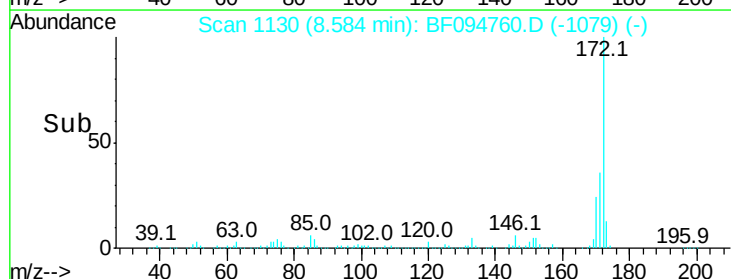


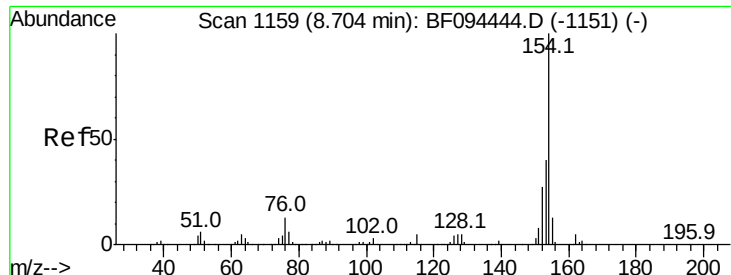
#44
 2-Fluorobiphenyl
 Concen: 92.54 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

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



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





#45

1,1'-Biphenyl

Concen: 48.86 ng

RT: 8.70 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Instrument :

BNA_F

ClientSampleId :

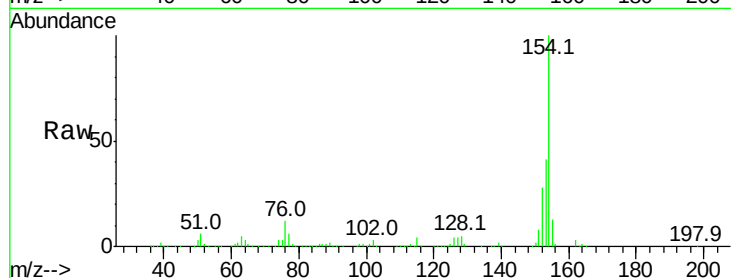
Tot Ion:154 Resp: 723555

Ion Ratio Lower Upper

154 100

153 41.0 21.2 61.2

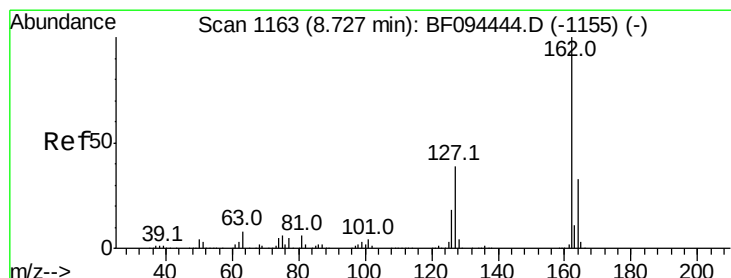
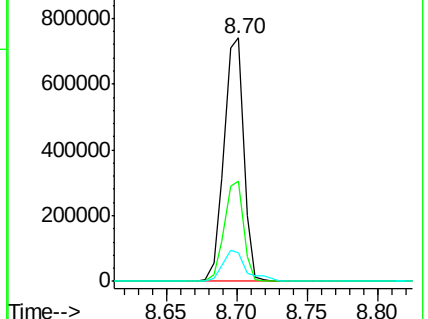
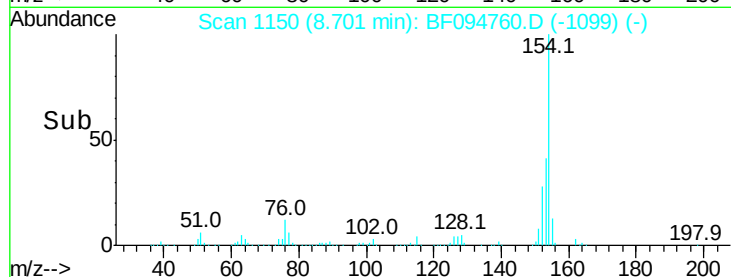
76 11.8 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 47.99 ng

RT: 8.72 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

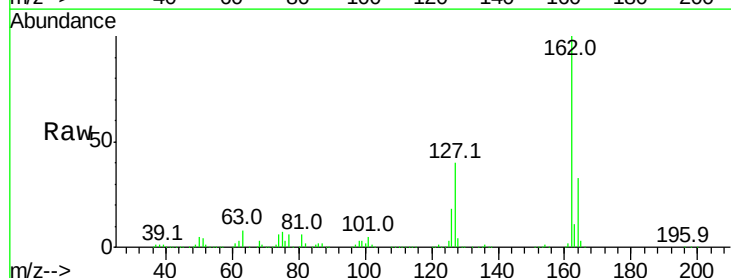
Tgt Ion:162 Resp: 565119

Ion Ratio Lower Upper

162 100

127 39.7 28.3 42.5

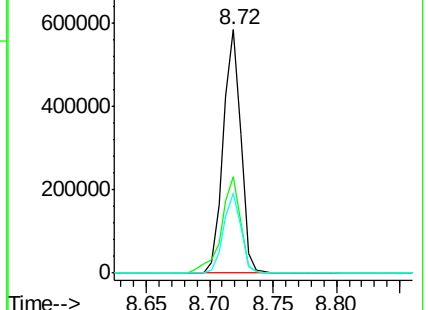
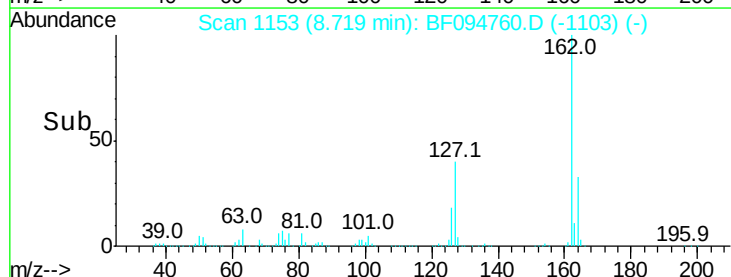
164 32.6 27.0 40.4

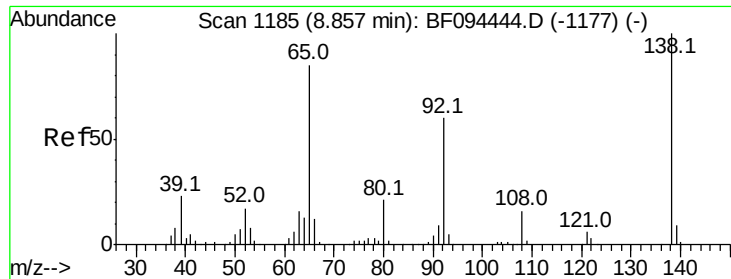


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

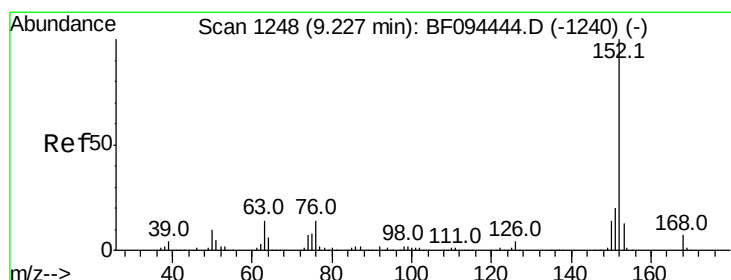
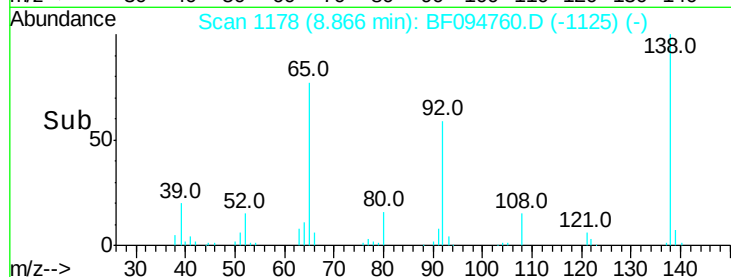
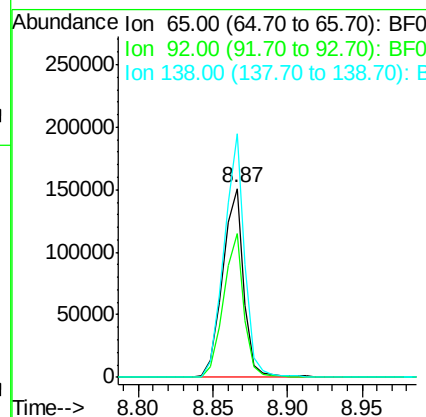
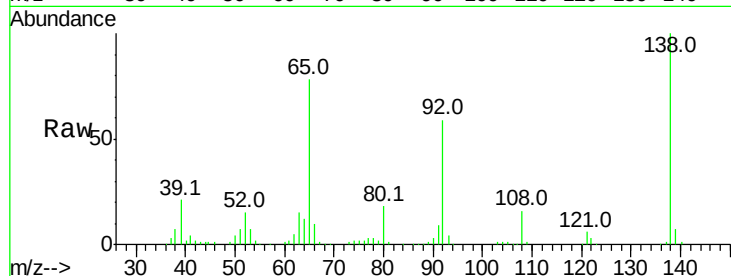




#47
2-Nitroaniline
Concen: 44.75 ng
RT: 8.87 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

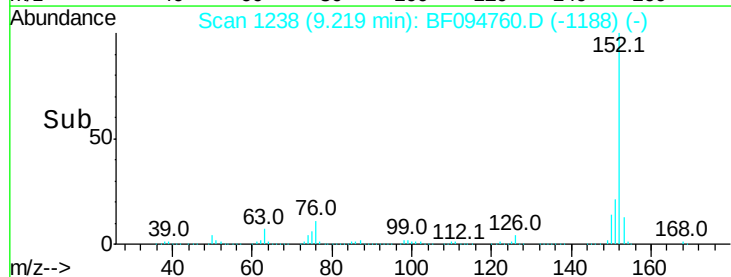
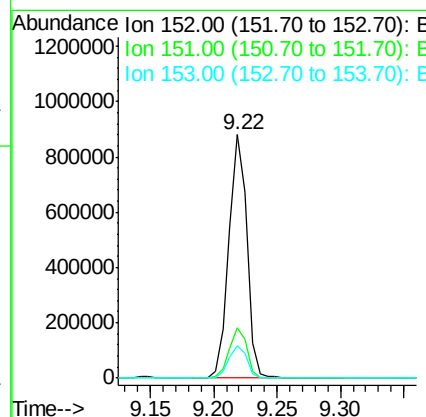
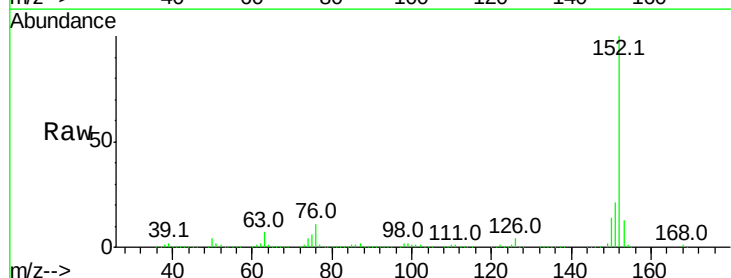
Instrument :
BNA_F
ClientSampled :

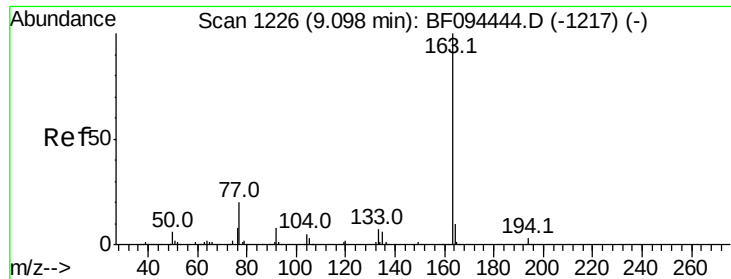
Tot Ion: 65 Resp: 151583
Ion Ratio Lower Upper
65 100
92 75.9 53.9 80.9
138 128.7 78.8 118.2#



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

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

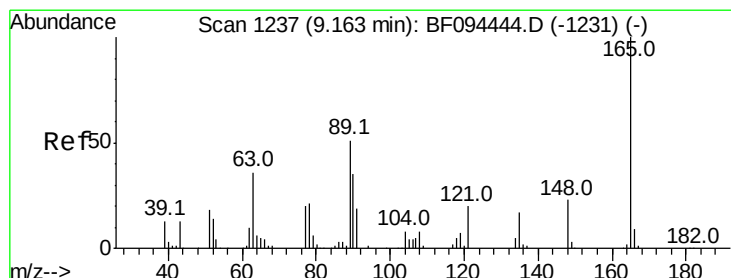
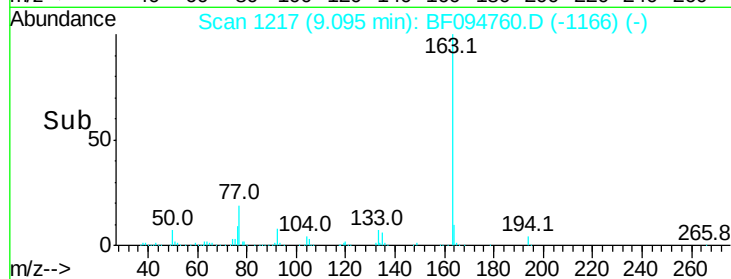
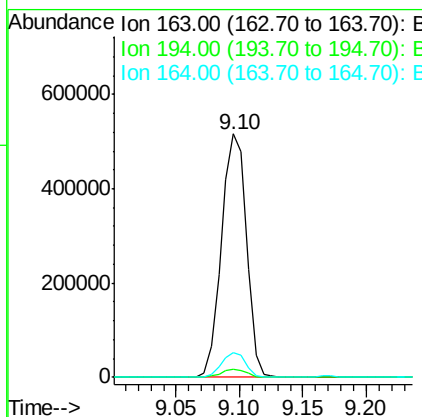
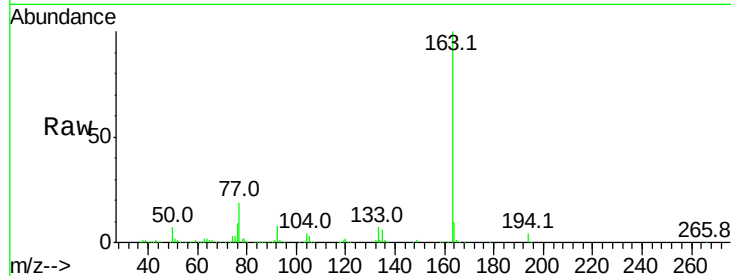




#49
 Dimethylphthalate
 Concen: 52.34 ng
 RT: 9.10 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

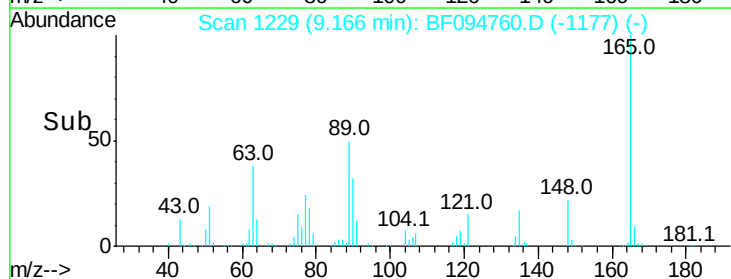
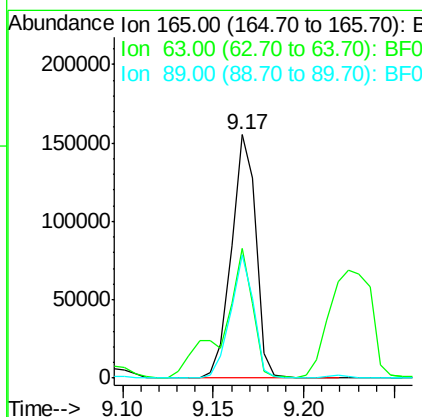
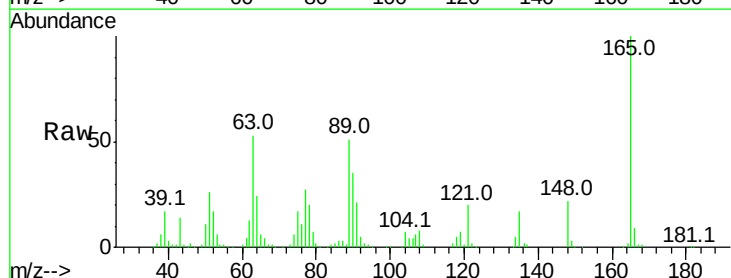
Instrument :
 BNA_F
 ClientSampleId :

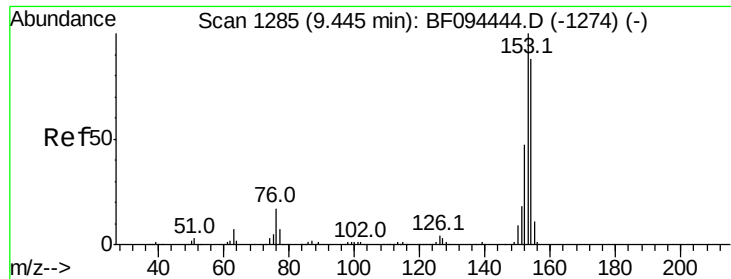
Tot Ion:	163	Resp:	706982
Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.1	8.4	12.6



#50
 2,6-Dinitrotoluene
 Concen: 47.89 ng
 RT: 9.17 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

Tgt Ion:	165	Resp:	145214
Ion	Ratio	Lower	Upper
165	100		
63	53.4	34.3	51.5#
89	50.7	37.1	55.7





#51

Acenaphthene

Concen: 46.23 ng

RT: 9.44 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Instrument :

BNA_F

ClientSampleId :

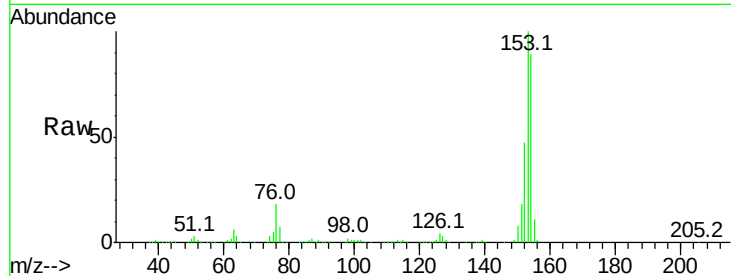
Tot Ion:154 Resp: 508354

Ion Ratio Lower Upper

154 100

153 112.6 90.5 135.7

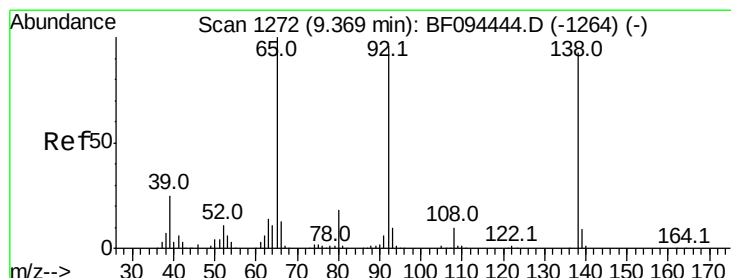
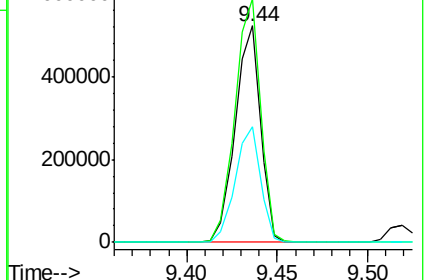
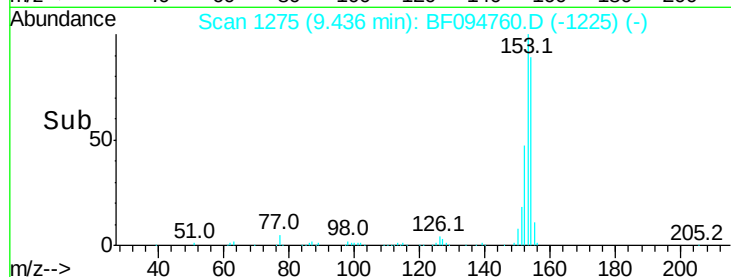
152 53.3 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 15.62 ng

RT: 9.38 min Scan# 1265

Delta R.T. 0.01 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

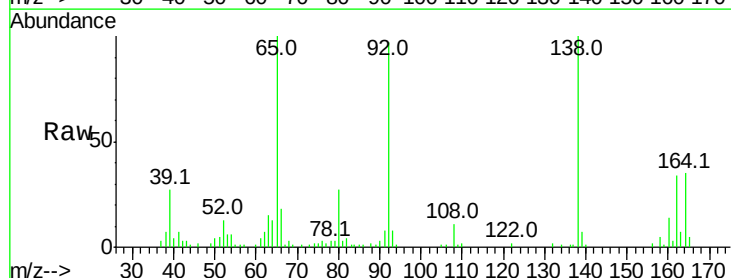
Tgt Ion:138 Resp: 54812

Ion Ratio Lower Upper

138 100

108 11.4 9.1 13.7

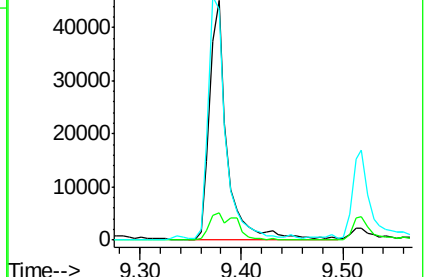
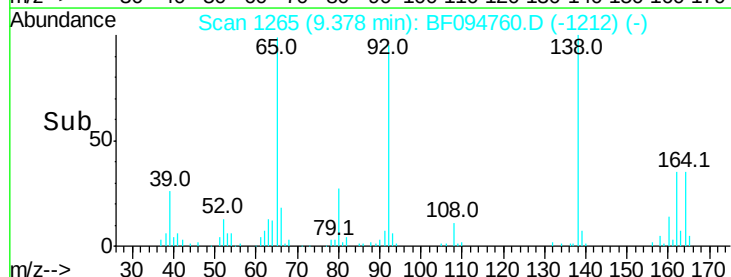
92 96.6 93.8 140.6

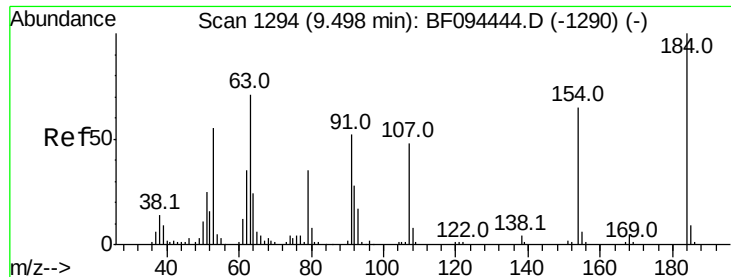


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

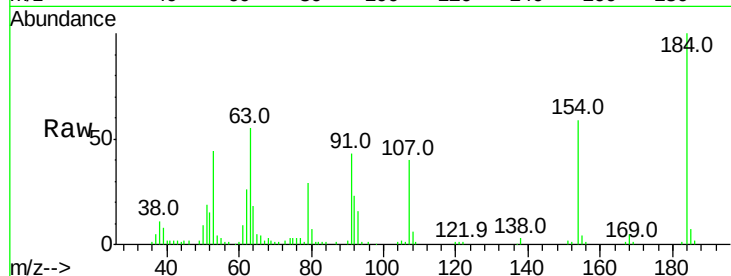




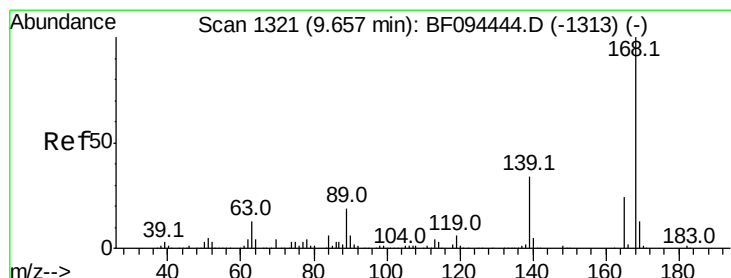
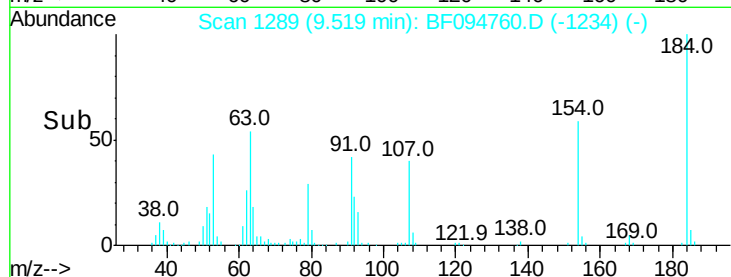
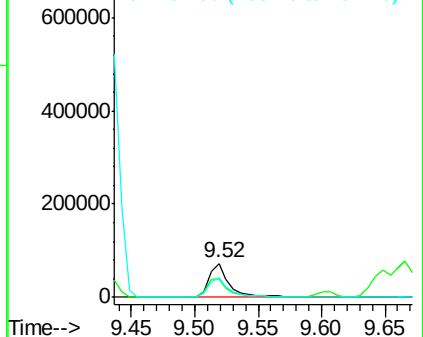
#53
 2,4-Dinitrophenol
 Concen: 53.88 ng
 RT: 9.52 min Scan# 1289
 Delta R.T. 0.02 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

Instrument :
 BNA_F
 ClientSampled :

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

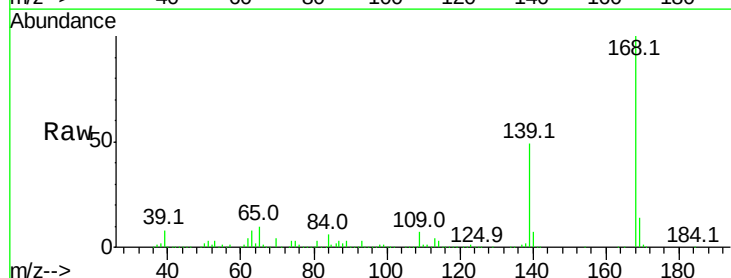


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

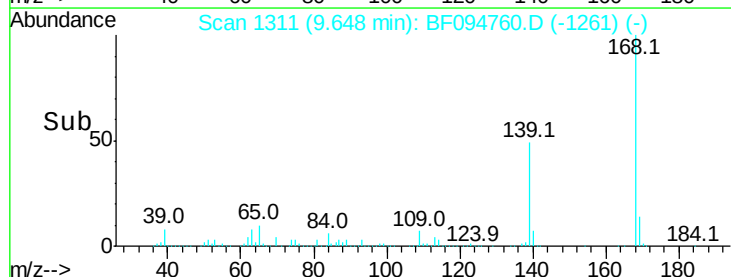
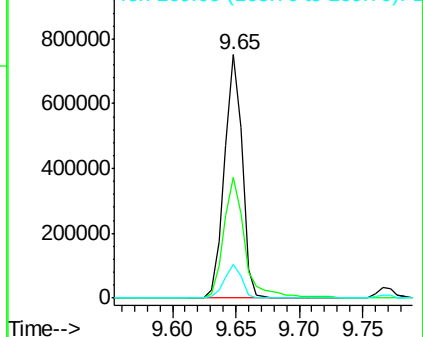


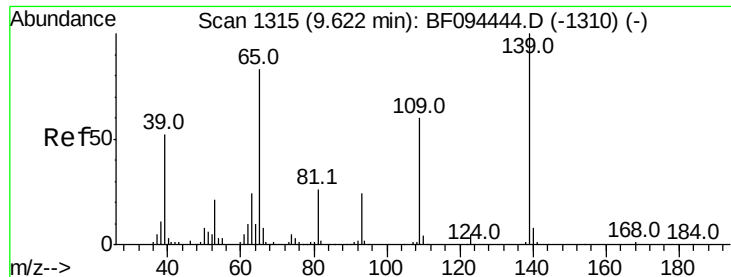
#54
 Dibenzofuran
 Concen: 45.61 ng
 RT: 9.65 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

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



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

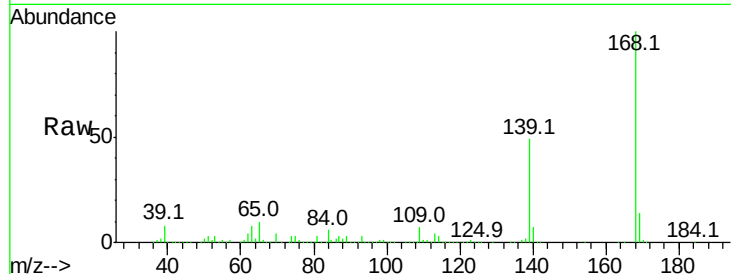




#55
4-Nitrophenol
Concen: 177.15 ng
RT: 9.65 min Scan# 1311
Delta R.T. 0.03 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	14.6	34.1	74.1#
65	20.5	31.4	71.4#

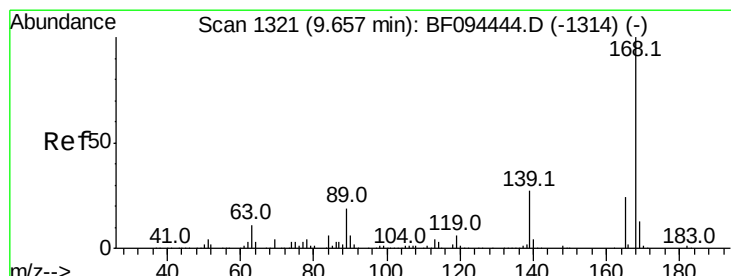
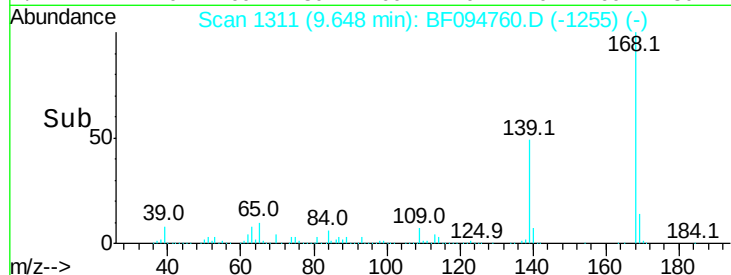
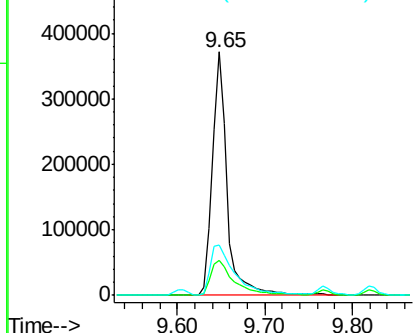


Abundance

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: 48.76 ng
RT: 9.67 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

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

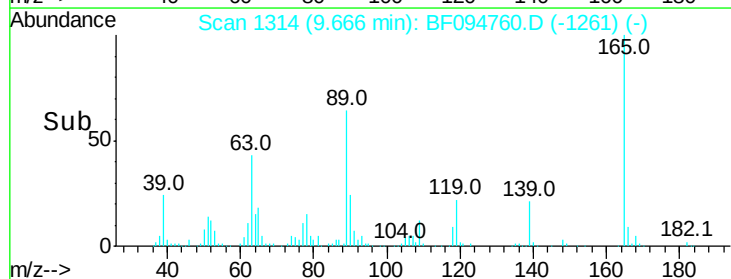
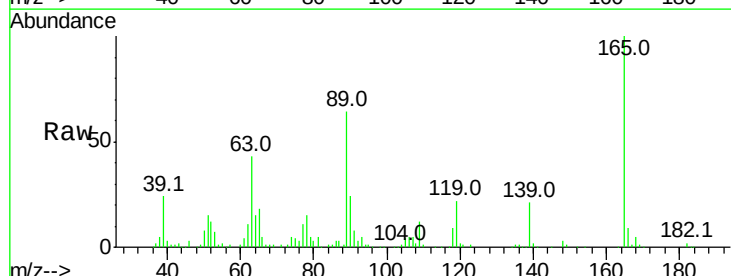
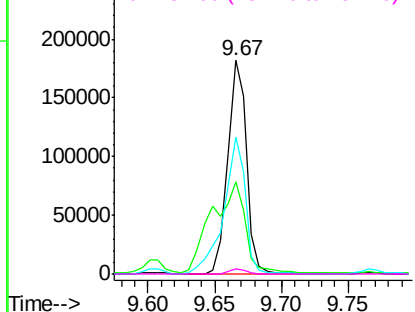
Abundance

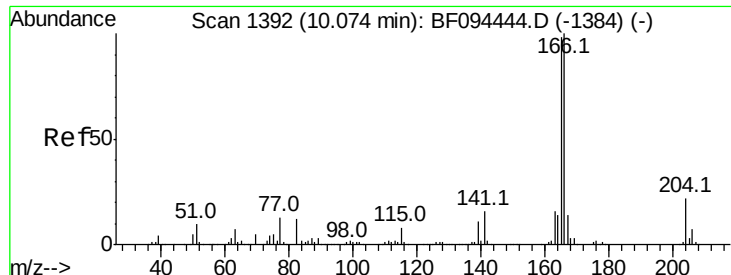
Ion 165.00 (164.70 to 165.70): E

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

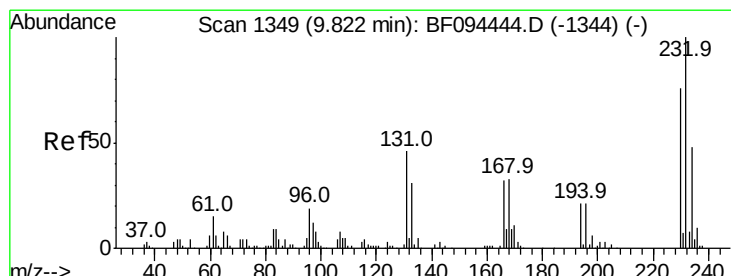
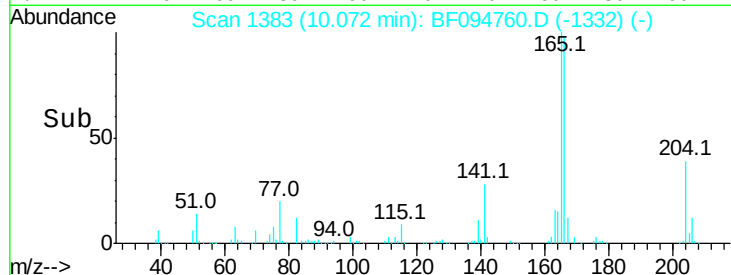
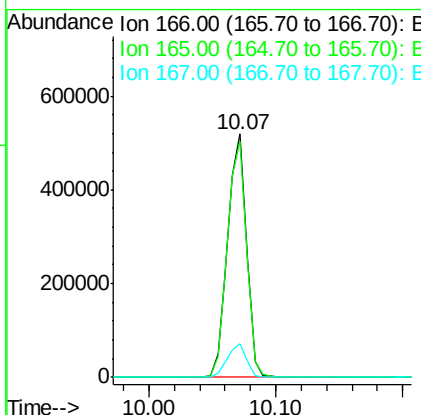
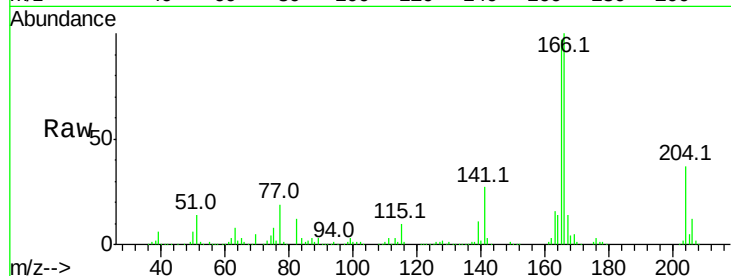




#57
 Fluorene
 Concen: 42.60 ng
 RT: 10.07 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

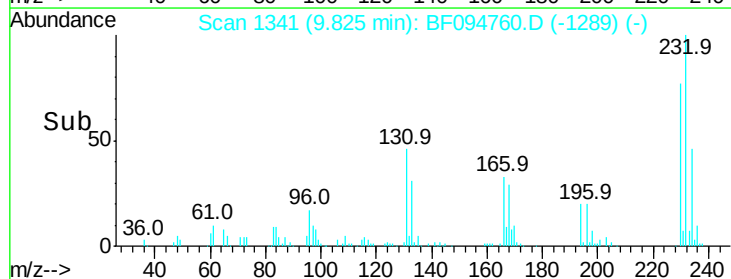
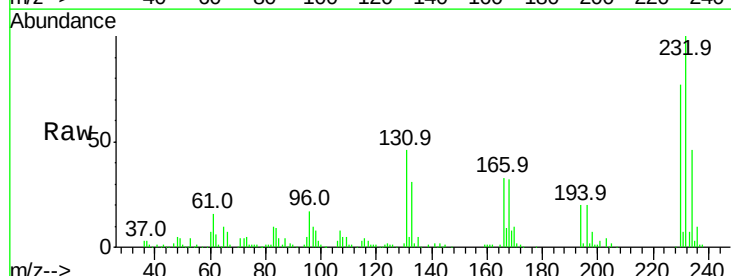
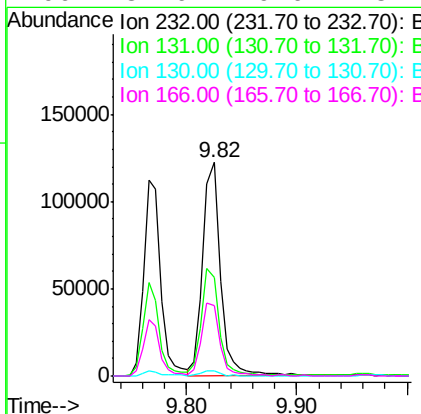
Instrument :
 BNA_F
 ClientSampleId :

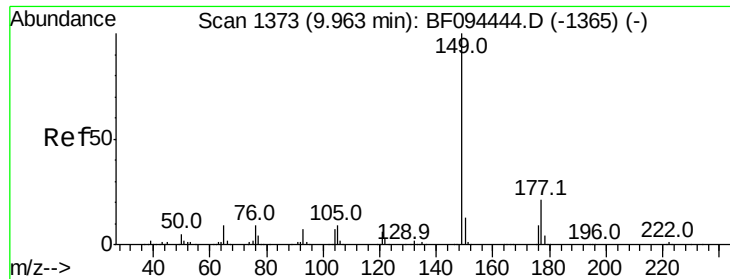
Tot Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.8	118.2
167	13.7	10.6	16.0



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

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

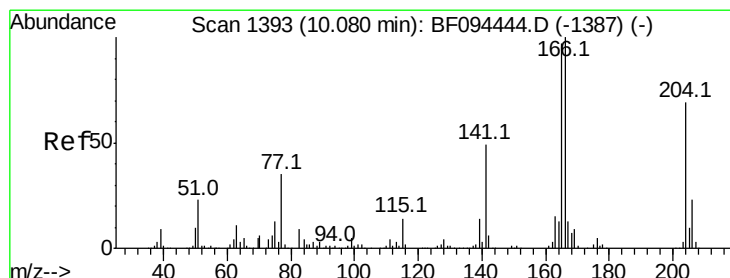
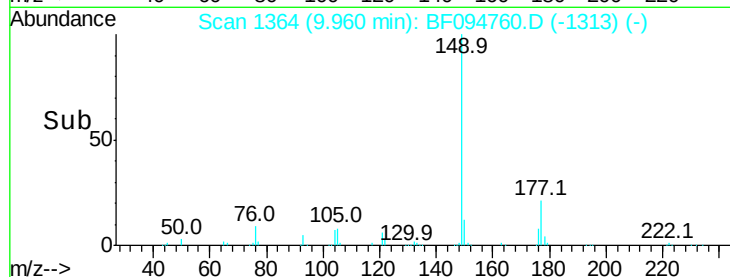
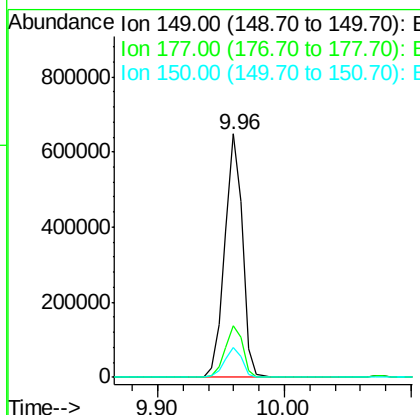
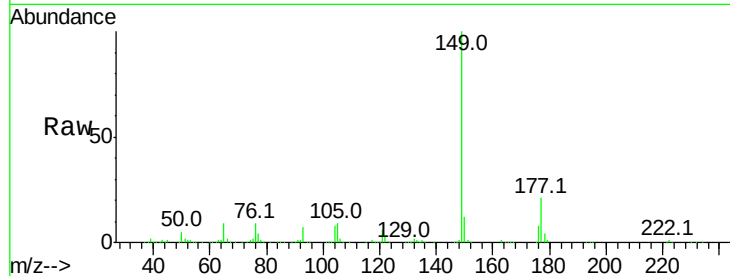




#59
 Diethylphthalate
 Concen: 48.98 ng
 RT: 9.96 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

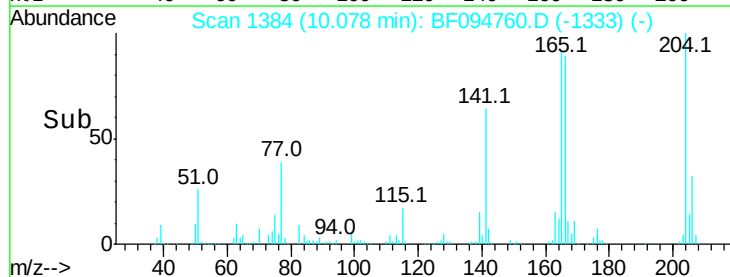
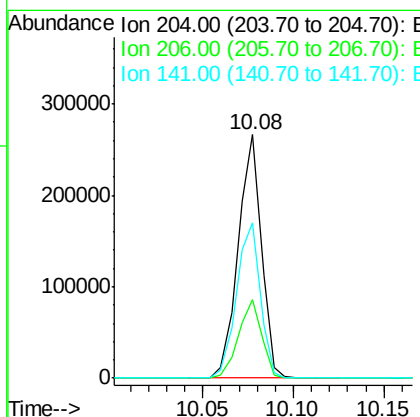
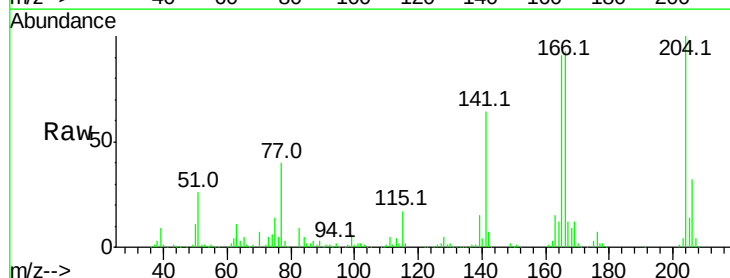
Instrument :
 BNA_F
 ClientSampled :

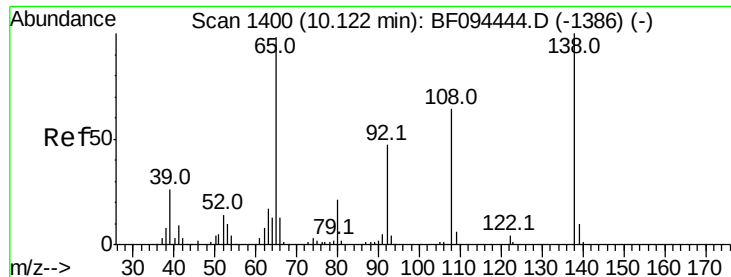
Tot Ion:149 Resp: 624352
 Ion Ratio Lower Upper
 149 100
 177 21.2 16.7 25.1
 150 12.4 10.2 15.2



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

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

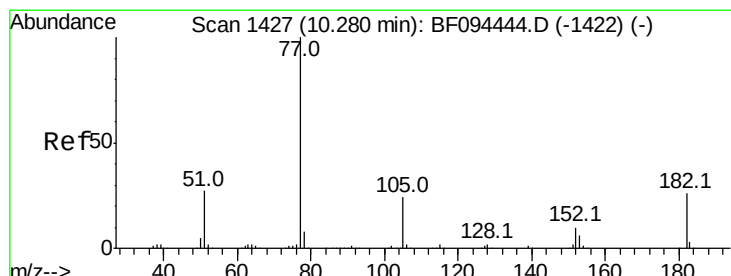
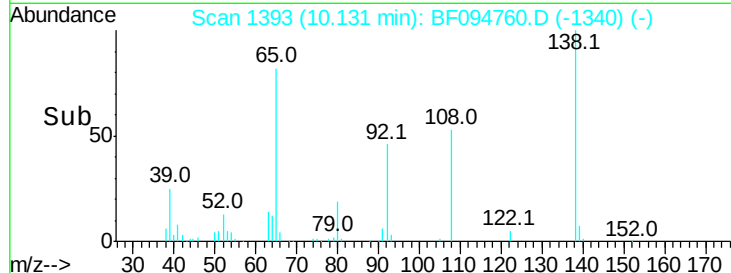
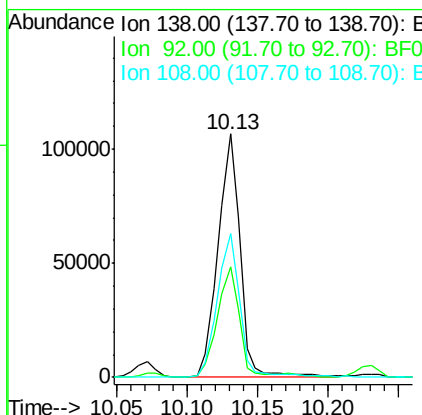
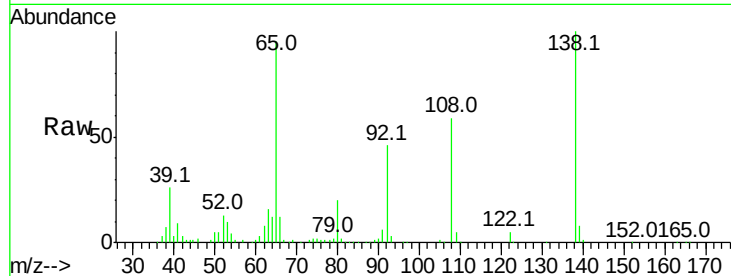




#61
 4-Nitroaniline
 Concen: 32.90 ng
 RT: 10.13 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

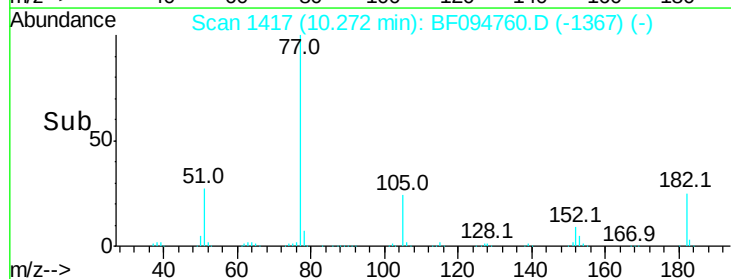
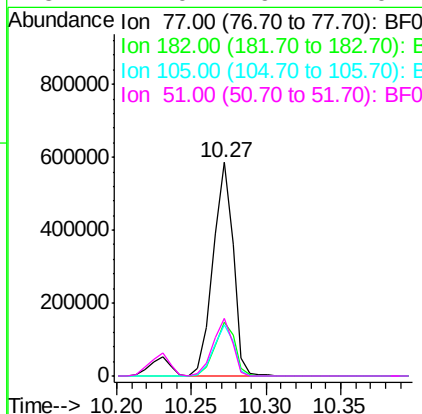
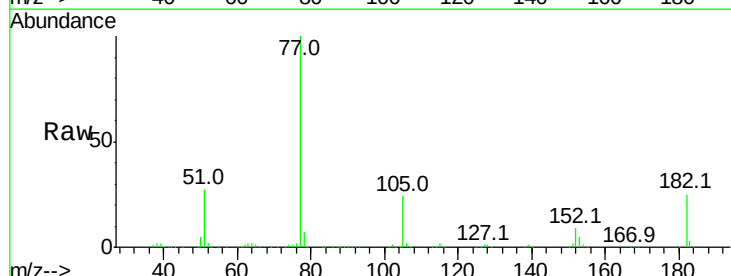
Instrument :
 BNA_F
 ClientSampleId :

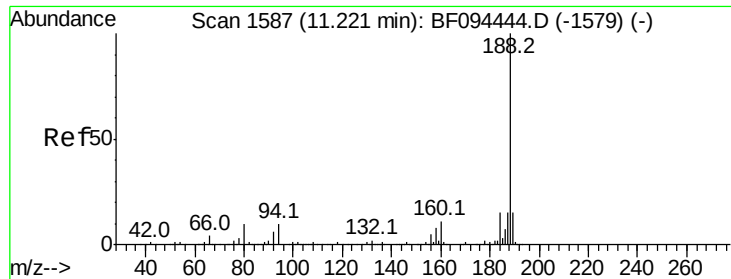
Tot Ion:138 Resp: 117322
 Ion Ratio Lower Upper
 138 100
 92 45.5 21.8 61.8
 108 59.1 42.3 82.3



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

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

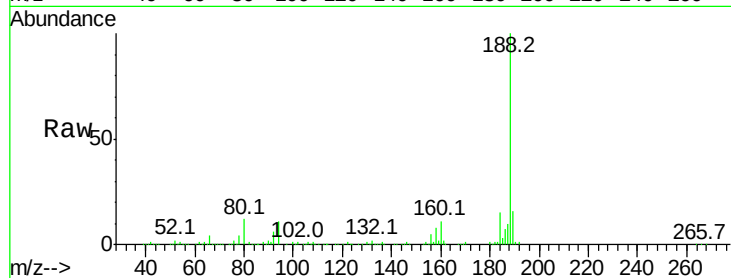




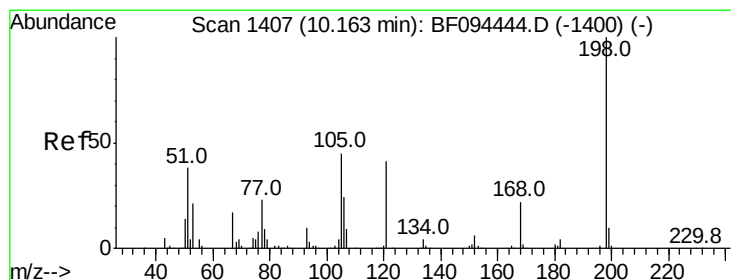
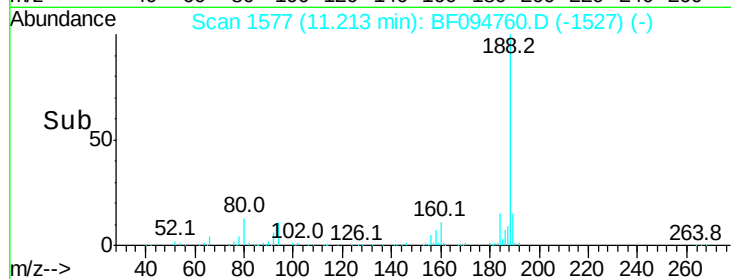
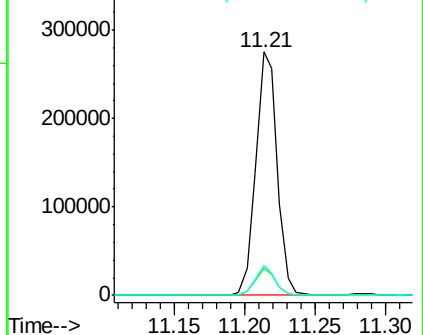
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

Instrument :
BNA_F
ClientSampleId :

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

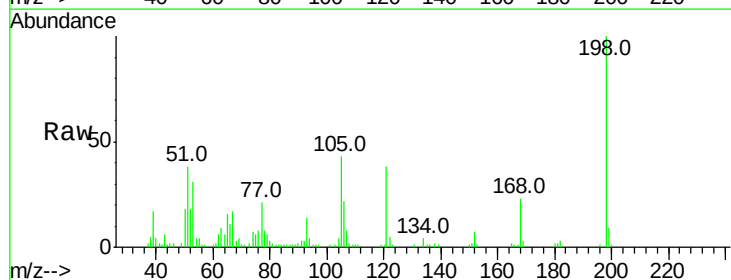


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

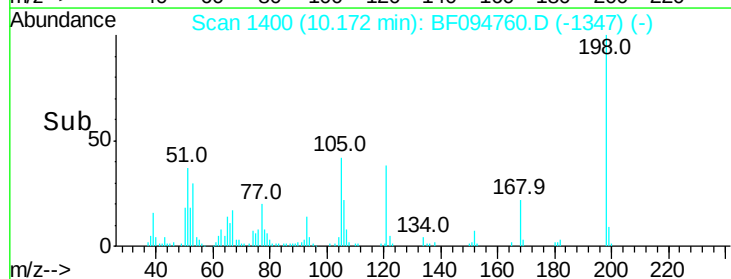
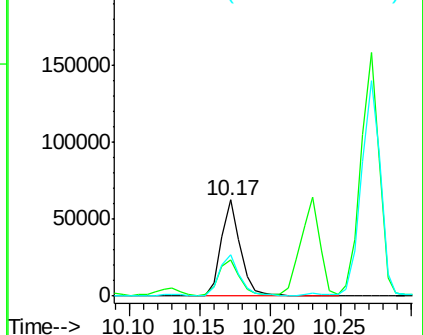


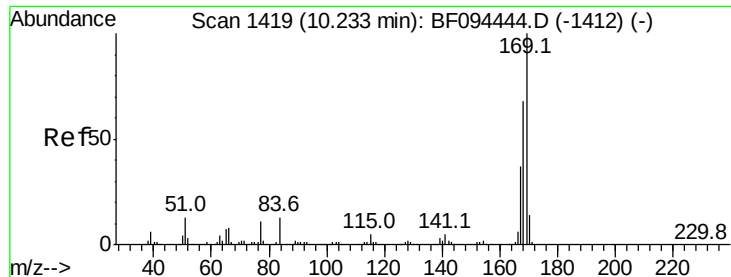
#64
4,6-Dinitro-2-methylphenol
Concen: 30.84 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

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



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

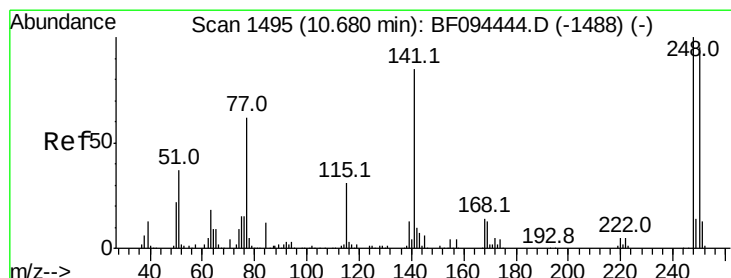
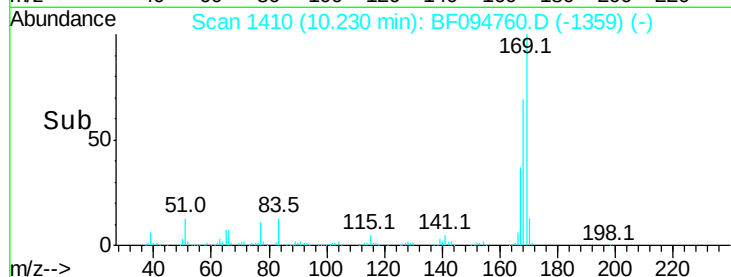
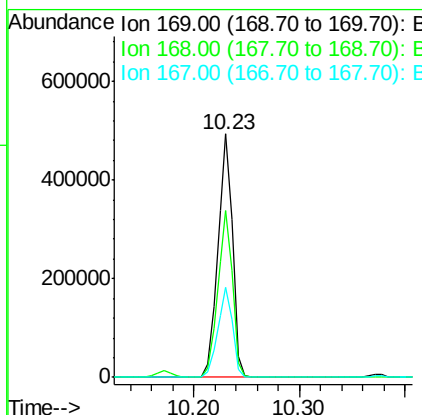
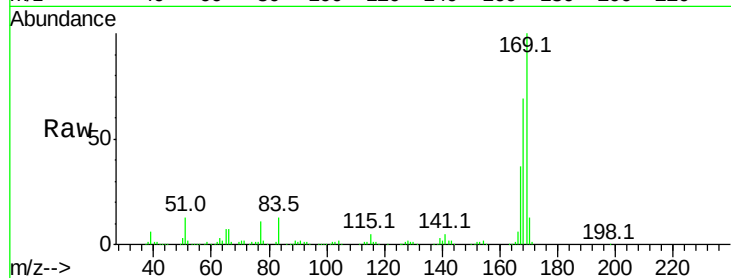




#65
n-Nitrosodiphenylamine
Concen: 47.43 ng
RT: 10.23 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

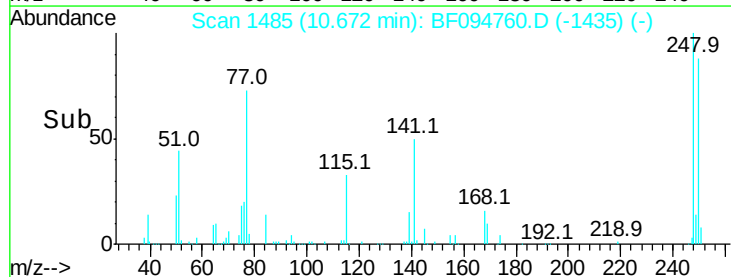
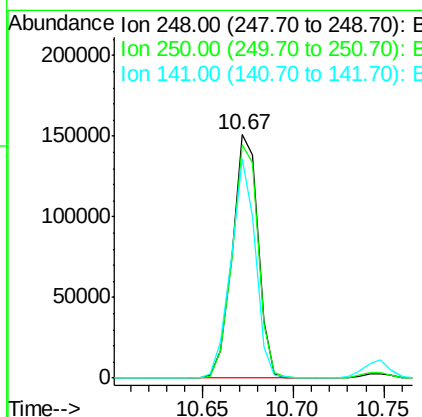
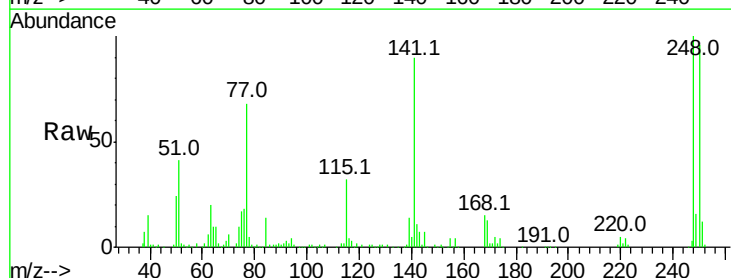
Instrument :
BNA_F
ClientSampleId :

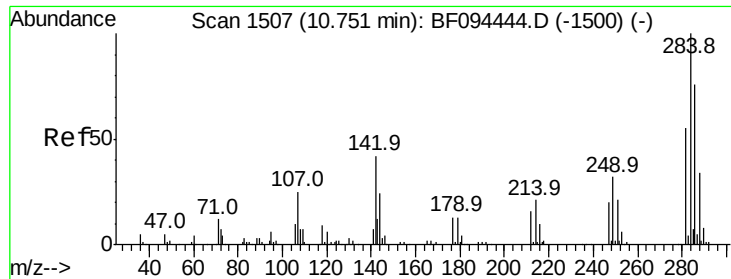
Tot Ion:169 Resp: 487593
Ion Ratio Lower Upper
169 100
168 68.6 53.2 79.8
167 37.2 29.5 44.3



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

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

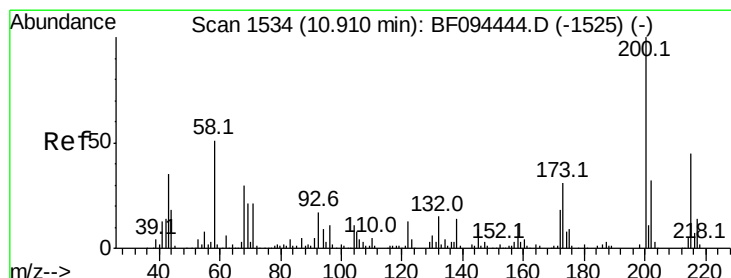
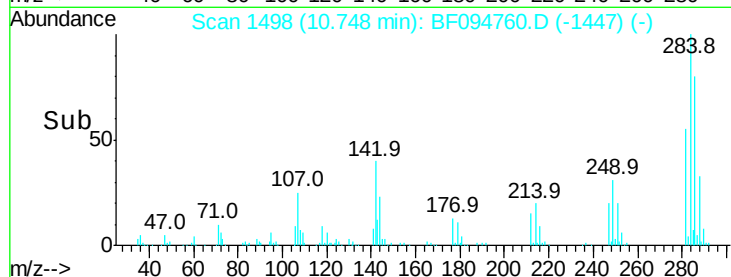
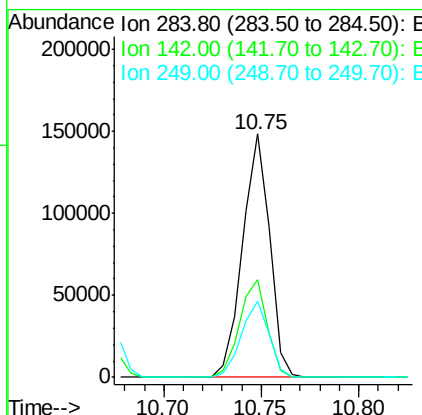
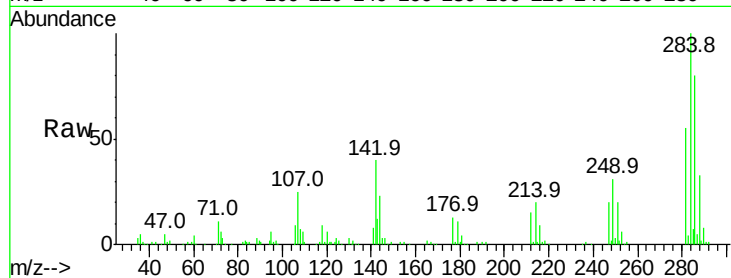




#67
Hexachlorobenzene
Concen: 48.26 ng
RT: 10.75 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

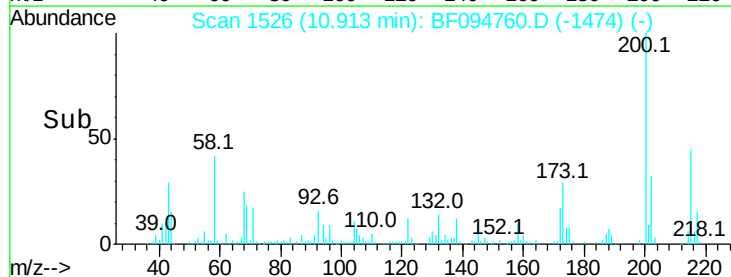
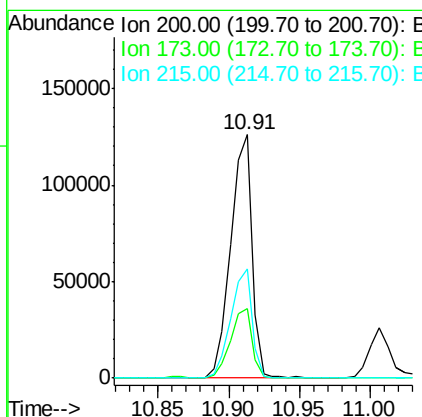
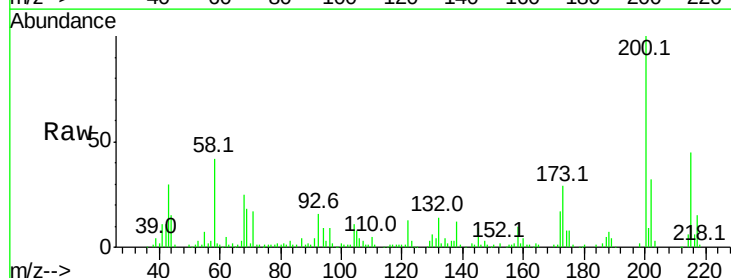
Instrument :
BNA_F
ClientSampleId :

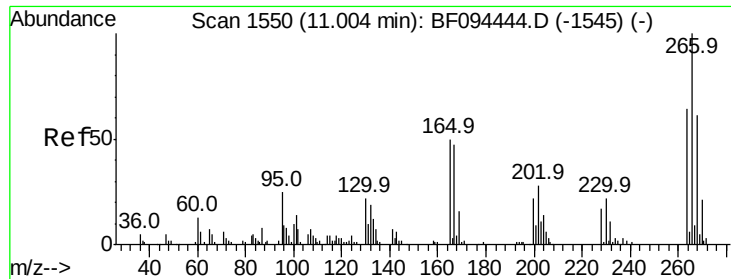
Tot Ion	Ratio	Lower	Upper
284	100		
142	40.3	22.8	34.2#
249	31.1	24.0	36.0



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

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

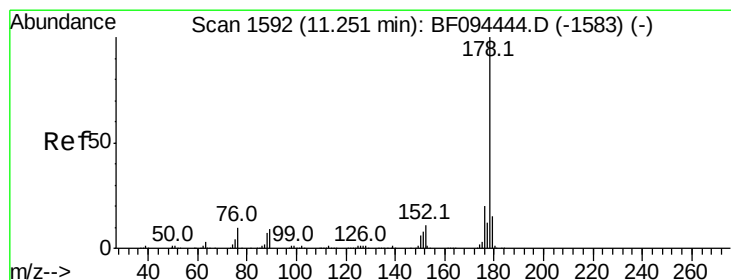
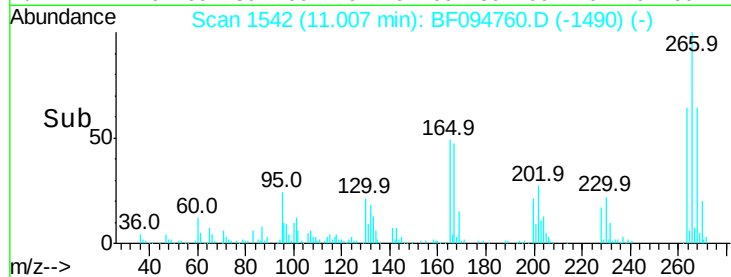
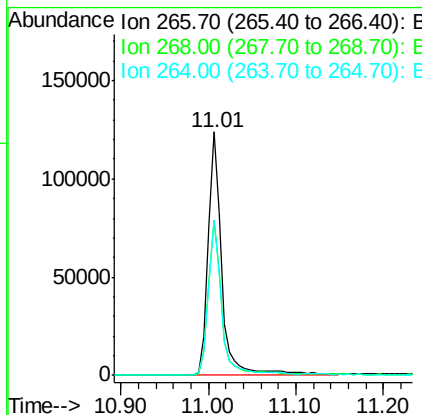
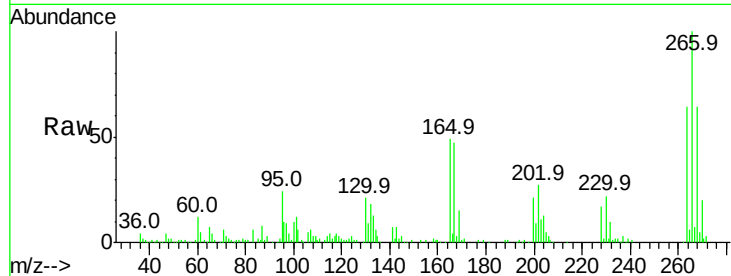




#69
 Pentachlorophenol
 Concen: 116.92 ng
 RT: 11.01 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

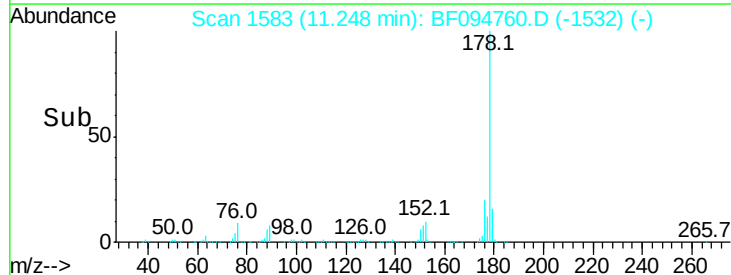
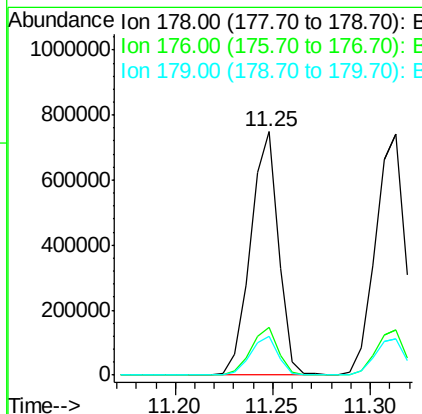
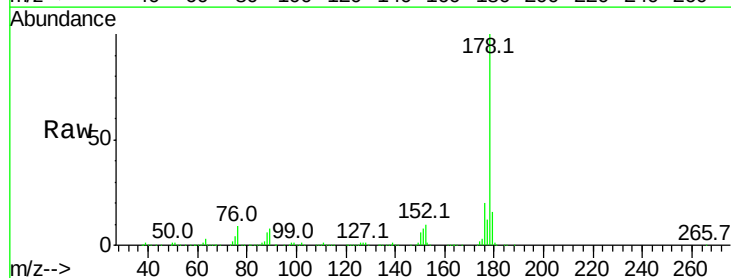
Instrument :
 BNA_F
 ClientSampleId :

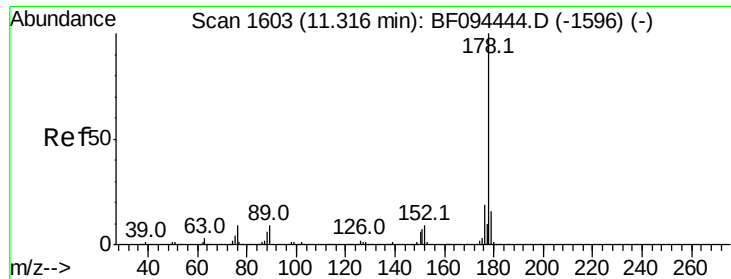
Tot Ion:266 Resp: 137329
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.1 76.7
 264 63.6 51.7 77.5



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

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





#71

Anthracene

Concen: 45.15 ng

RT: 11.31 min Scan# 1594

Delta R.T. -0.00 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Instrument :

BNA_F

ClientSampleId :

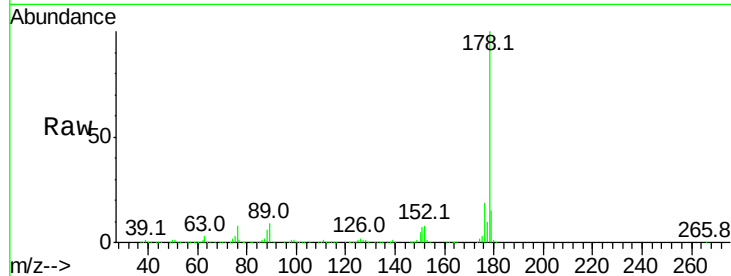
Tot Ion:178 Resp: 777374

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.8

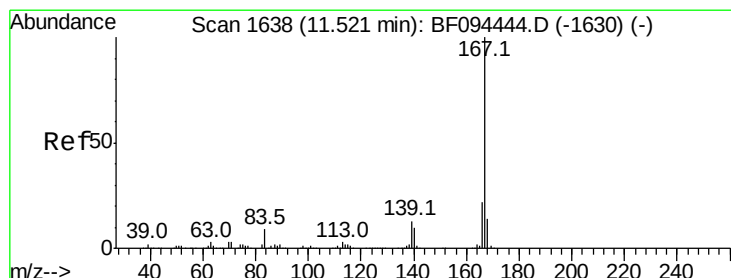
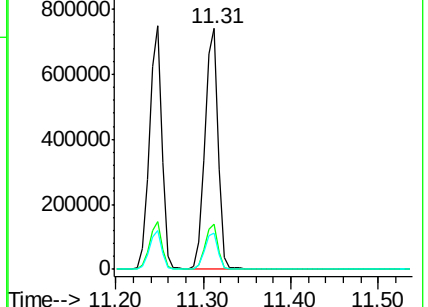
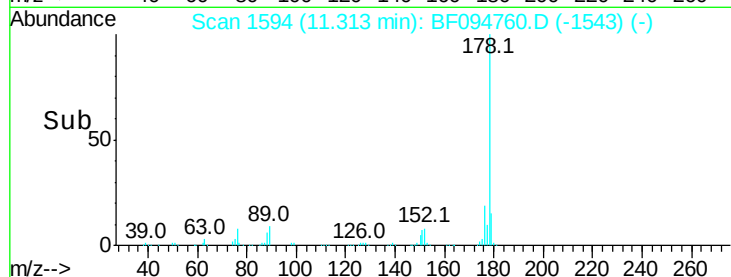
179 14.8 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.75 ng

RT: 11.52 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

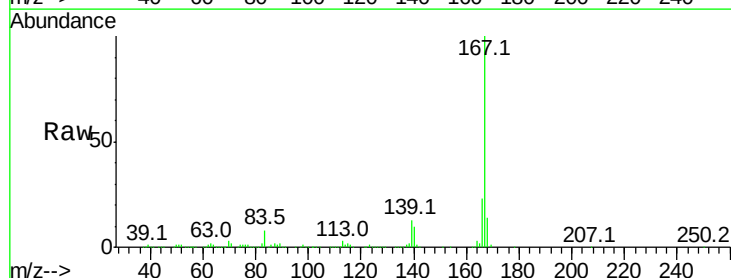
Tgt Ion:167 Resp: 658530

Ion Ratio Lower Upper

167 100

166 22.7 18.1 27.1

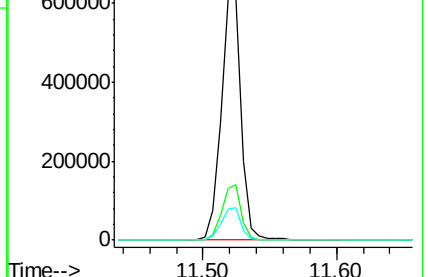
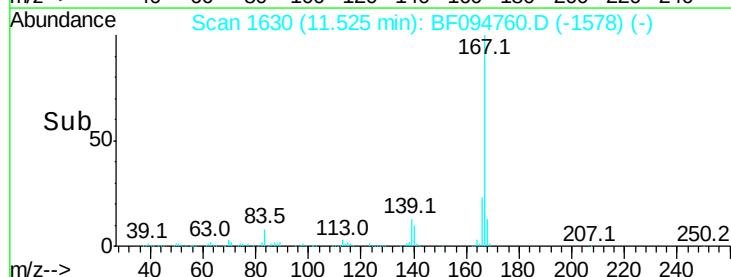
139 13.2 11.7 17.5

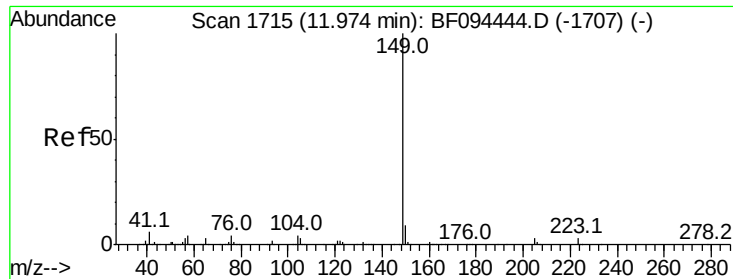


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

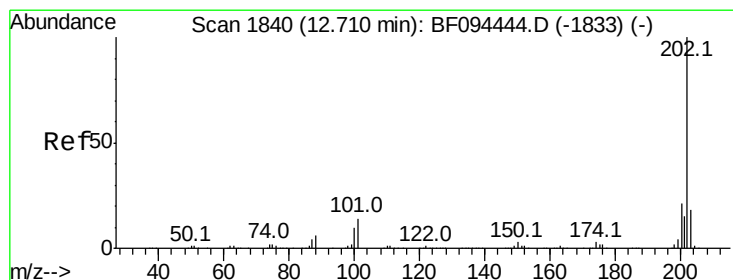
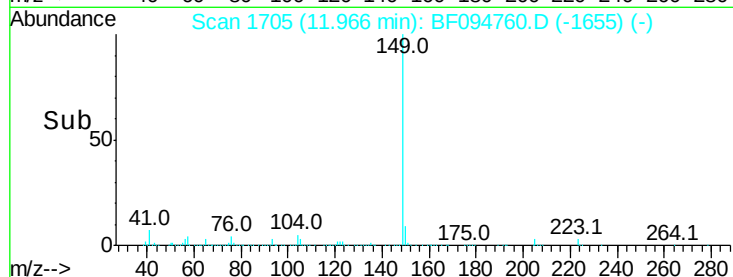
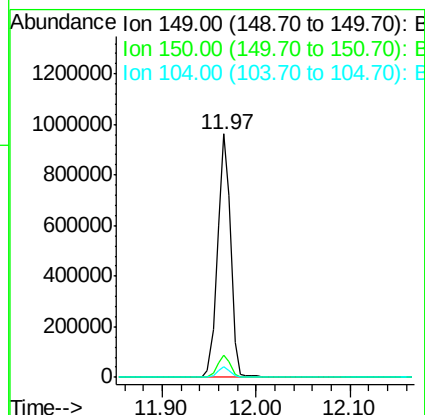
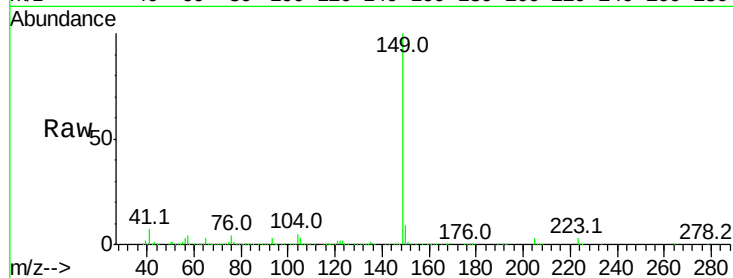




#73
Di-n-butylphthalate
Concen: 53.37 ng
RT: 11.97 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

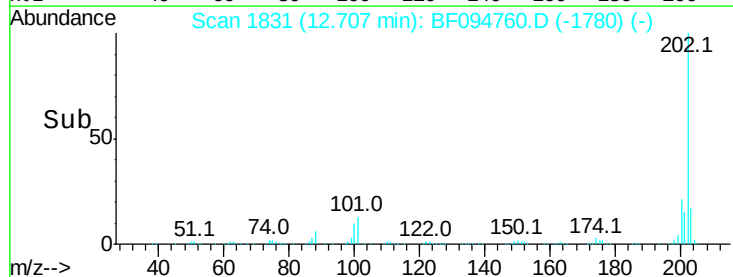
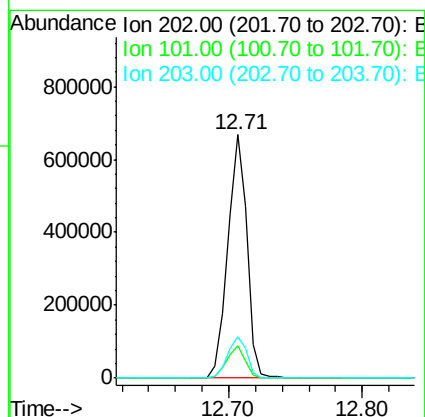
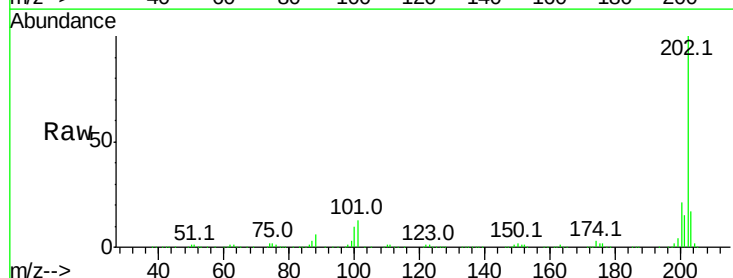
Instrument :
BNA_F
ClientSampleId :

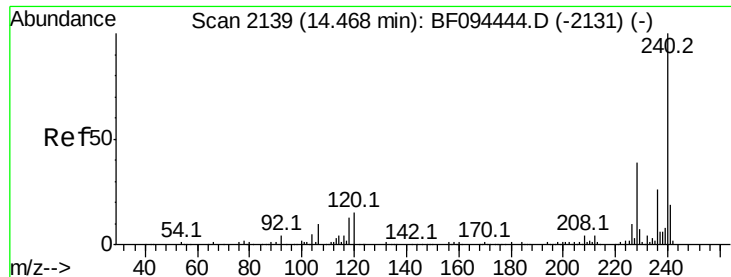
Tot Ion:149 Resp: 949761
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 4.5 4.0 6.0



#74
Fluoranthene
Concen: 39.45 ng
RT: 12.71 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF094760.D
Acq: 1 May 2017 20:27

Tgt Ion:202 Resp: 680565
Ion Ratio Lower Upper
202 100
101 13.1 0.0 33.2
203 17.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Instrument :

BNA_F

ClientSampled :

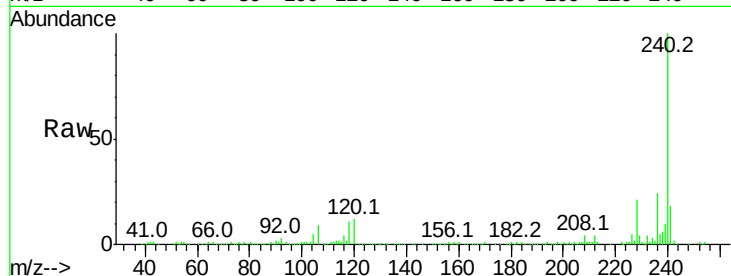
Tot Ion:240 Resp: 207817

Ion Ratio Lower Upper

240 100

120 12.2 5.8 8.8#

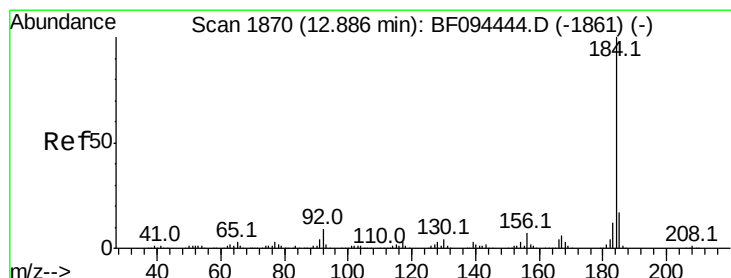
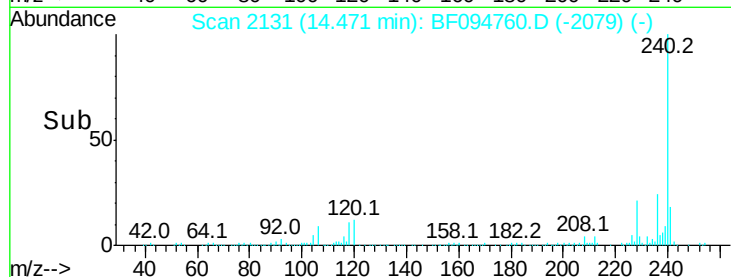
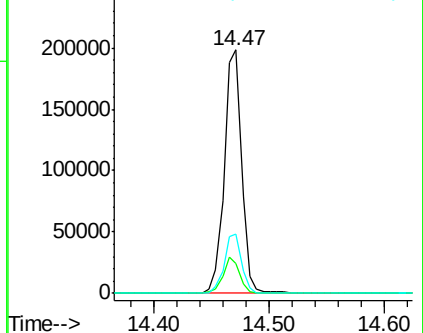
236 24.5 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 3.31 ng

RT: 12.90 min Scan# 1863

Delta R.T. 0.01 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

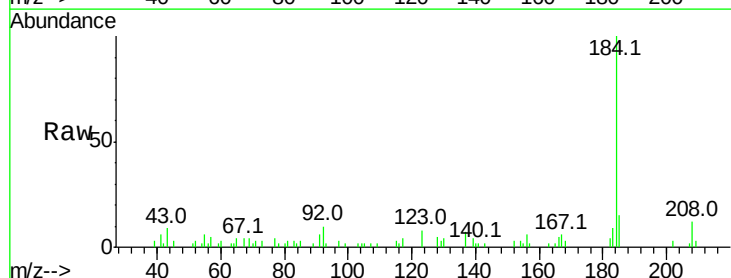
Tgt Ion:184 Resp: 27858

Ion Ratio Lower Upper

184 100

185 15.3 15.5 23.3#

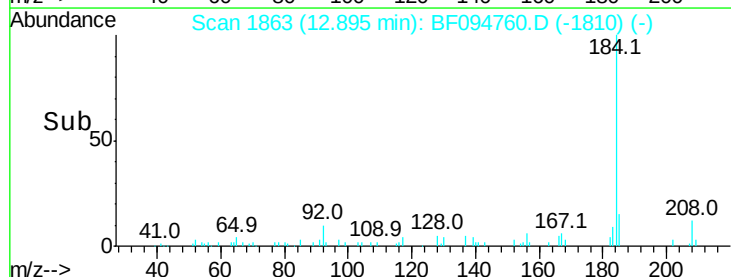
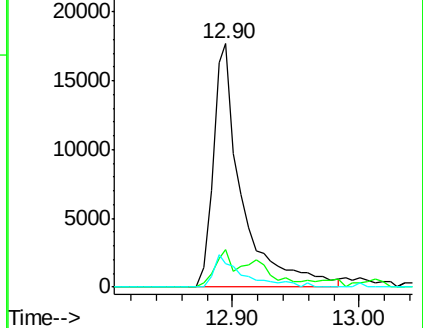
183 9.5 9.8 14.6#

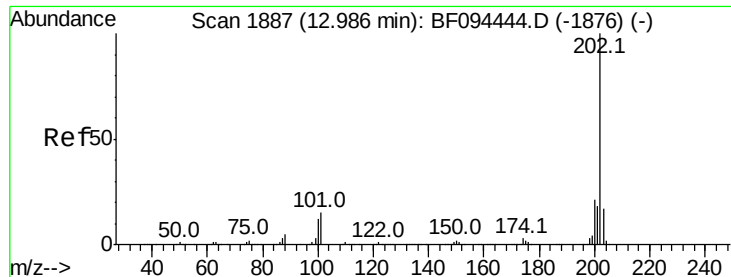


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

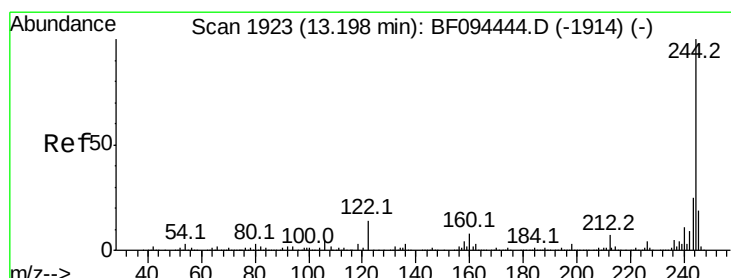
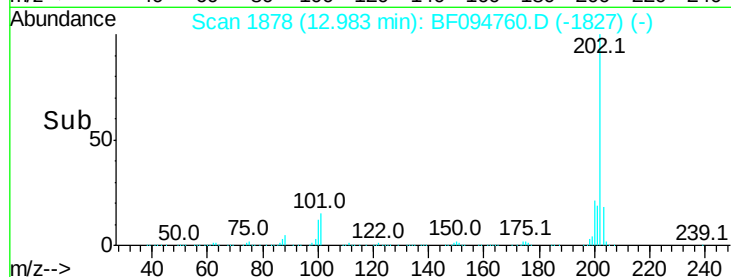
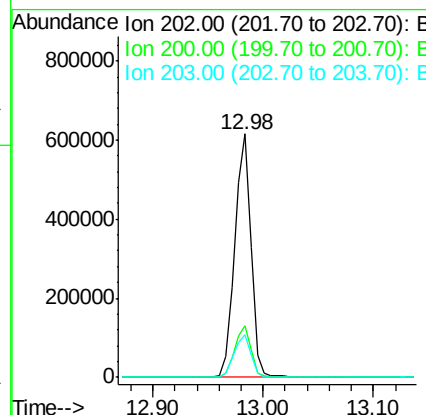
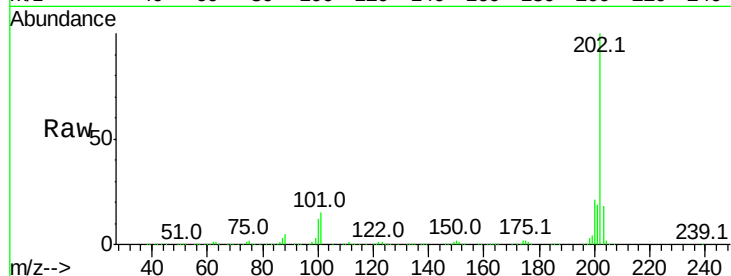




#77
 Pvrene
 Concen: 44.15 ng
 RT: 12.98 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

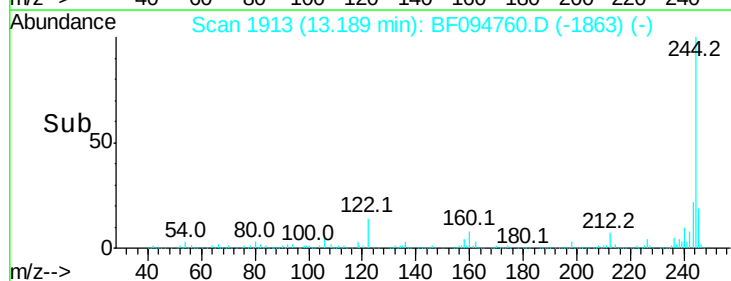
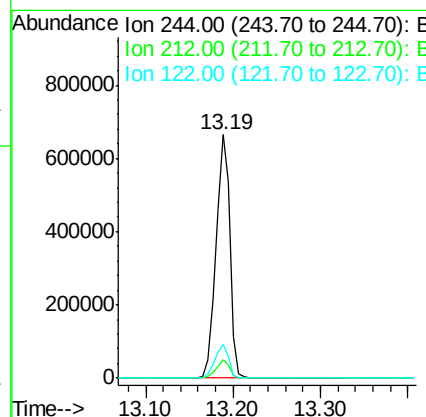
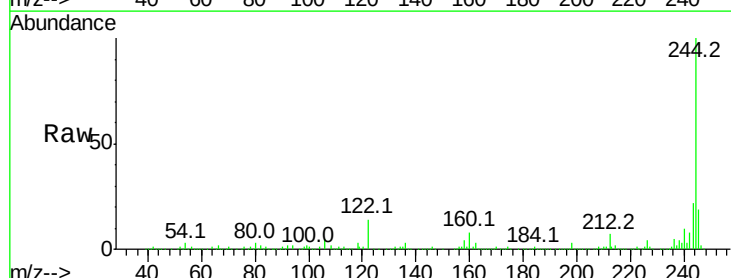
Instrument :
 BNA_F
 ClientSampleId :

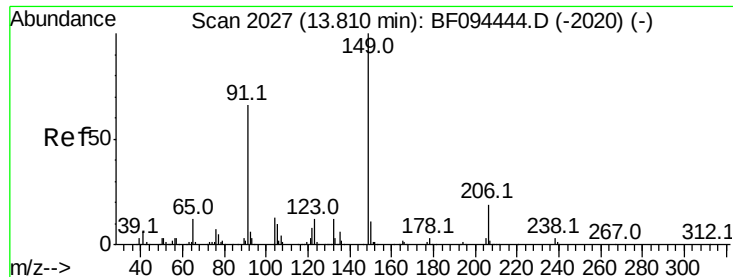
Tot Ion:202 Resp: 641064
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.6 26.4
 203 17.6 14.4 21.6



#78
 Terphenyl-d14
 Concen: 94.15 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

Tgt Ion:244 Resp: 732018
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 14.1 10.3 15.5





#79

Butylbenzylphthalate

Concen: 53.05 ng

RT: 13.80 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Instrument :

BNA_F

ClientSampled :

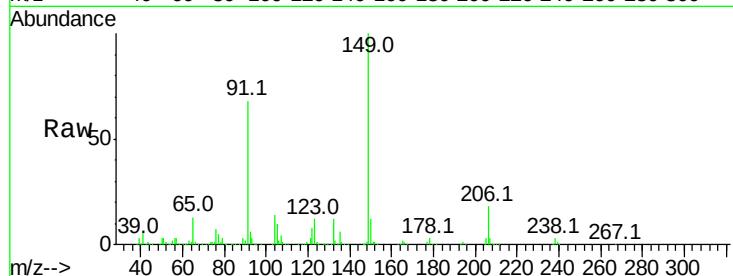
Tot Ion:149 Resp: 337588

Ion Ratio Lower Upper

149 100

91 67.9 45.0 67.4#

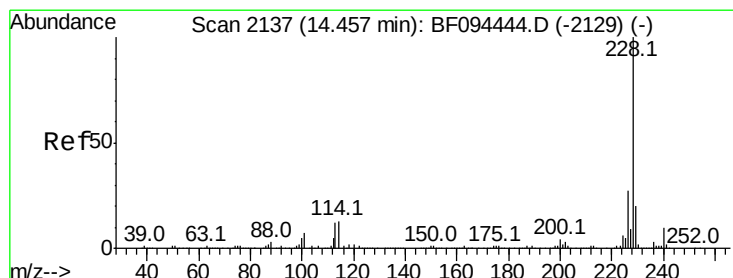
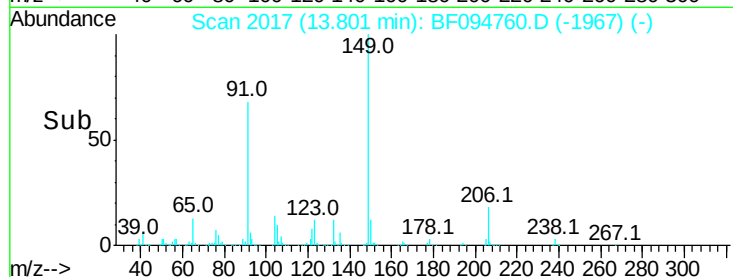
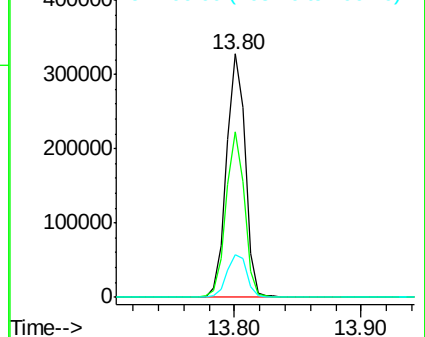
206 17.7 17.0 25.6



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: 45.23 ng

RT: 14.45 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

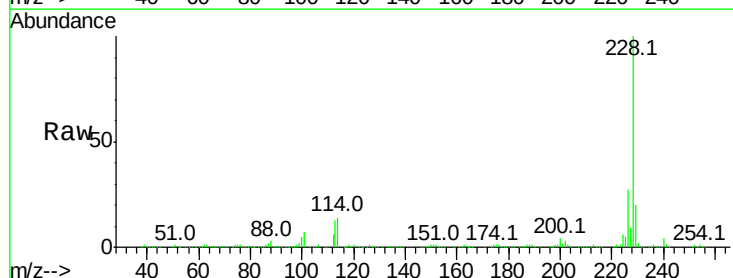
Tgt Ion:228 Resp: 546299

Ion Ratio Lower Upper

228 100

226 27.3 22.6 33.8

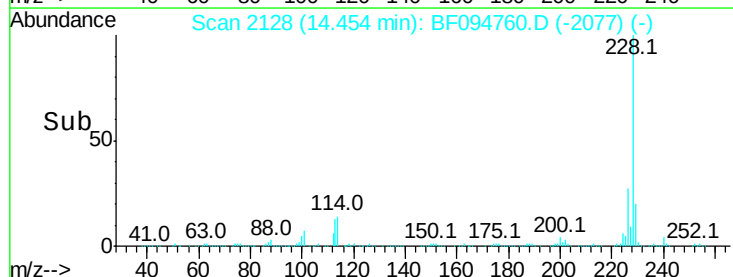
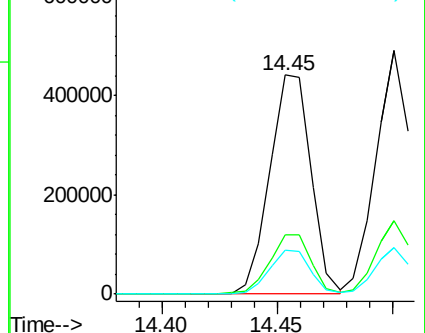
229 20.3 16.3 24.5

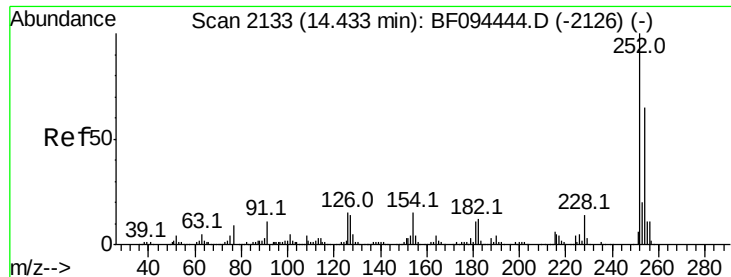


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

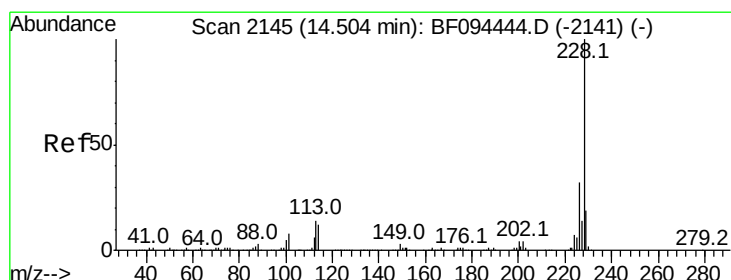
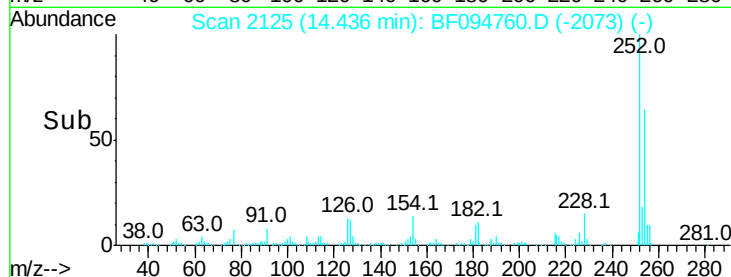
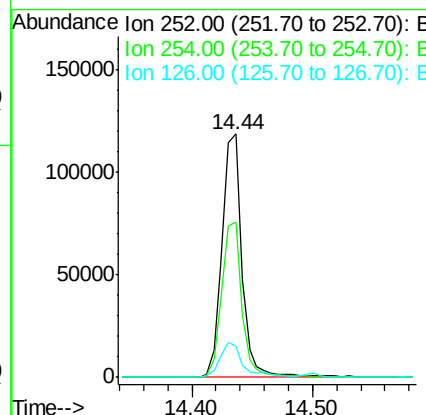
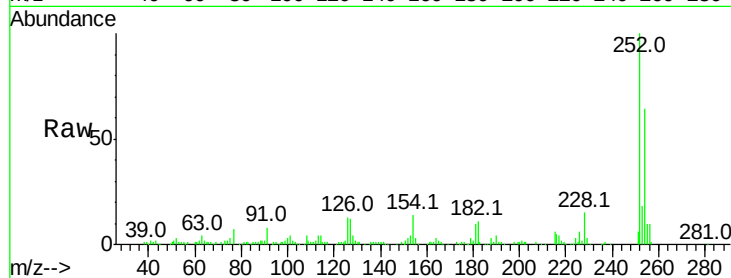




#81
 3,3'-Dichlorobenzidine
 Concen: 31.66 ng
 RT: 14.44 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

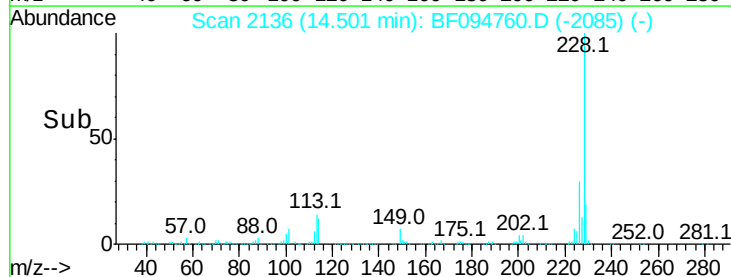
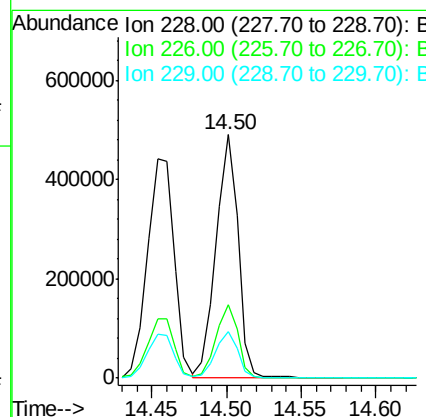
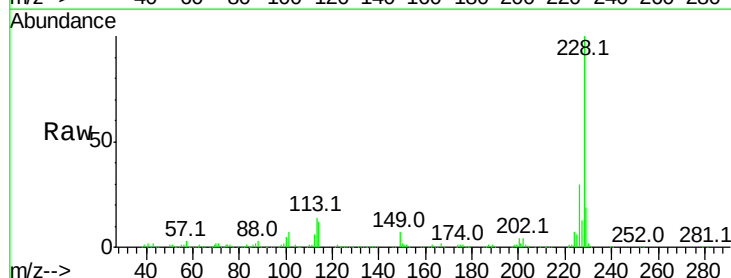
Instrument :
 BNA_F
 ClientSampleId :

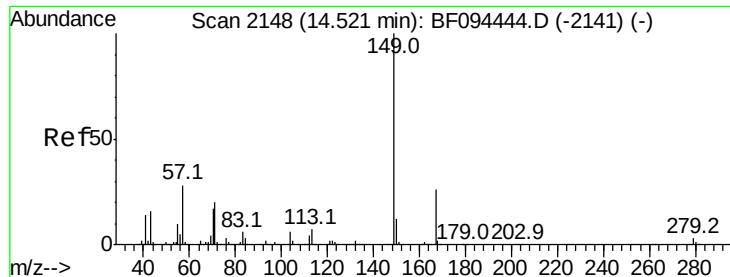
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.5	77.3
126	12.5	15.8	23.8#



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

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

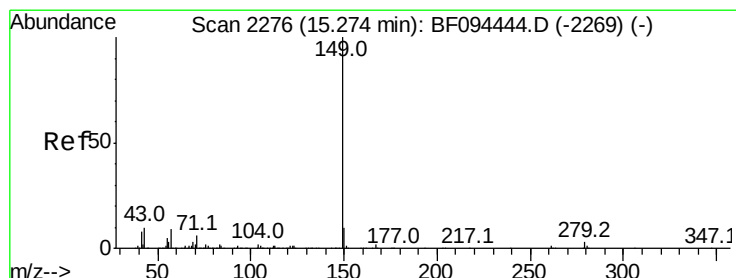
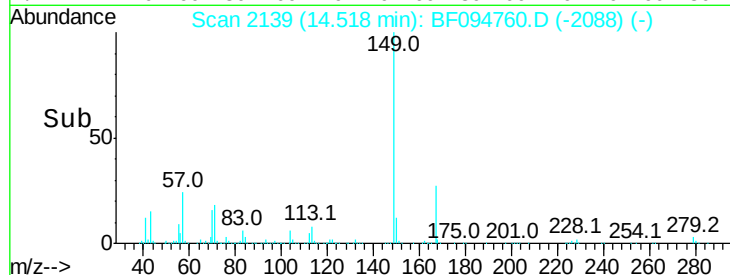
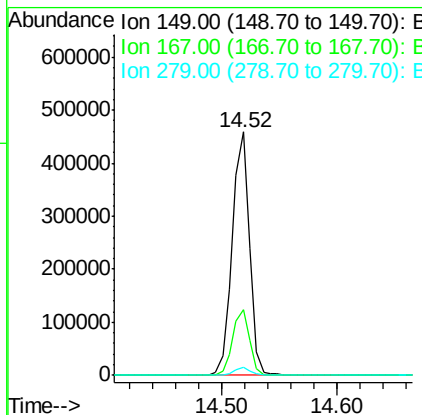
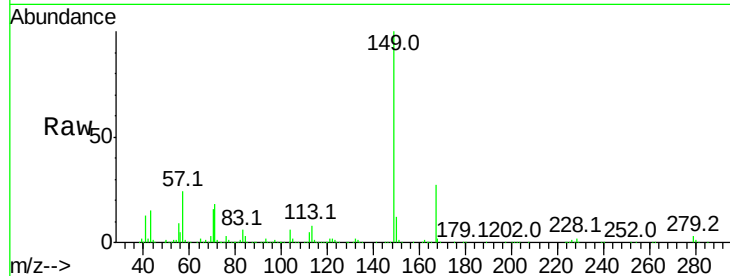




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.56 ng
 RT: 14.52 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

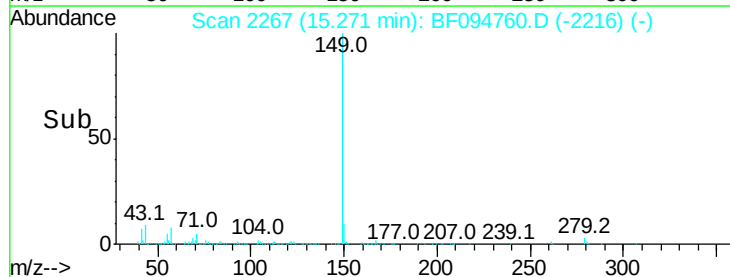
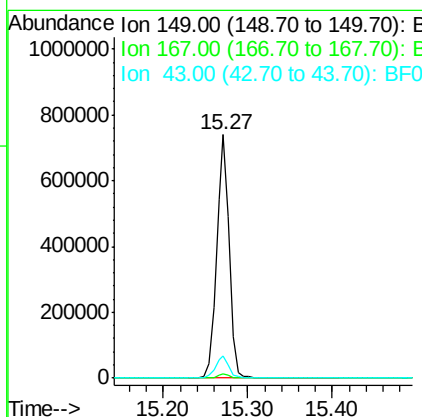
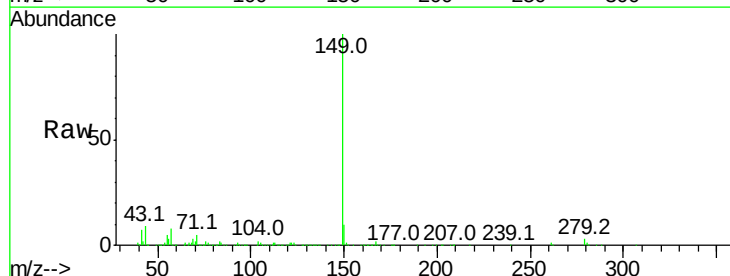
Instrument :
 BNA_F
 ClientSampleId :

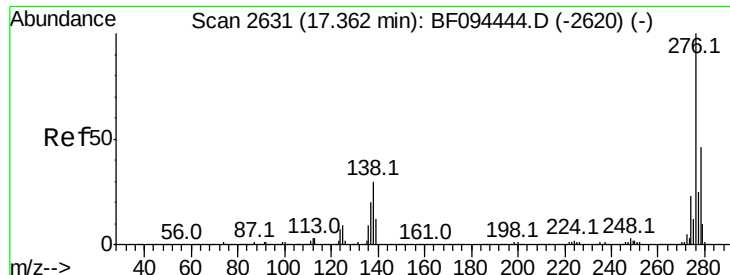
Tot Ion:149 Resp: 474677
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.0 31.4
 279 3.3 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 54.65 ng
 RT: 15.27 min Scan# 2267
 Delta R.T. -0.00 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

Tgt Ion:149 Resp: 783110
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.0 8.5 12.7

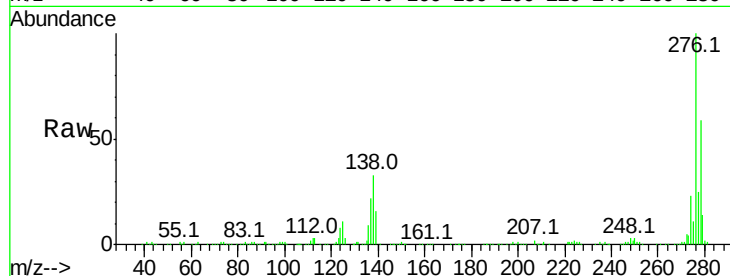




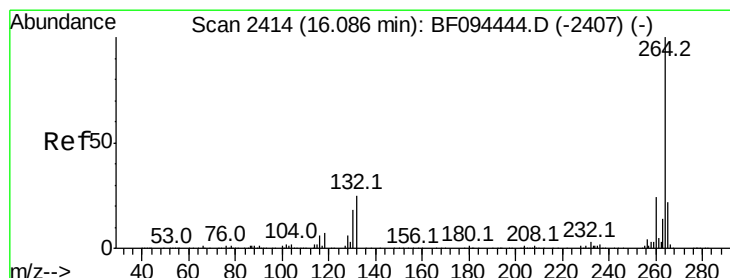
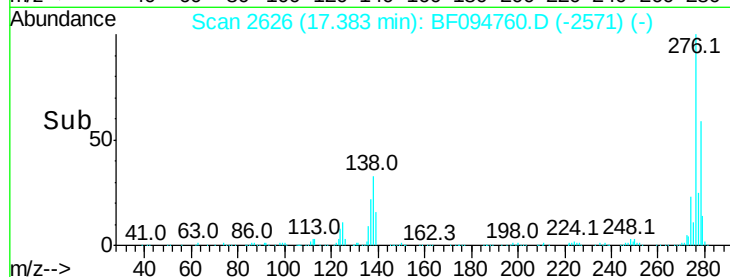
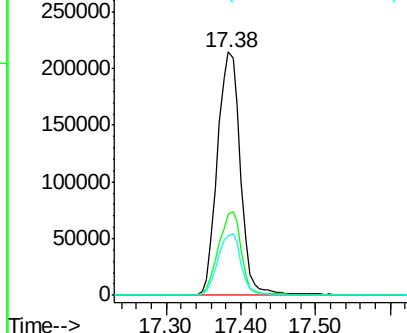
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.99 ng
 RT: 17.38 min Scan# 2626
 Delta R.T. 0.02 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

Instrument :
 BNA_F
 ClientSampled :

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

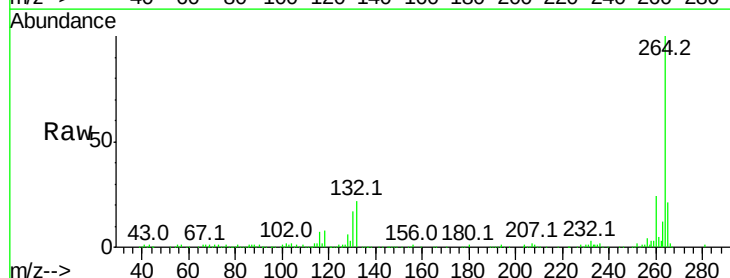


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

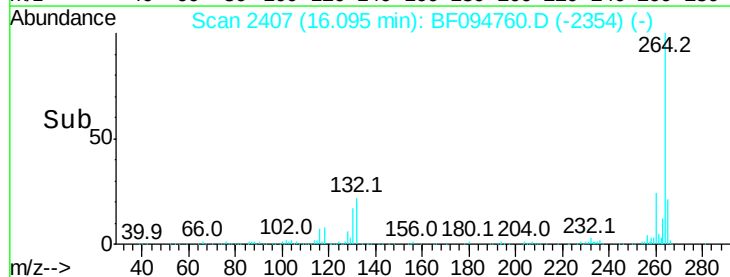
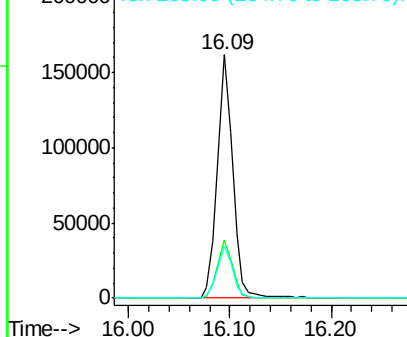


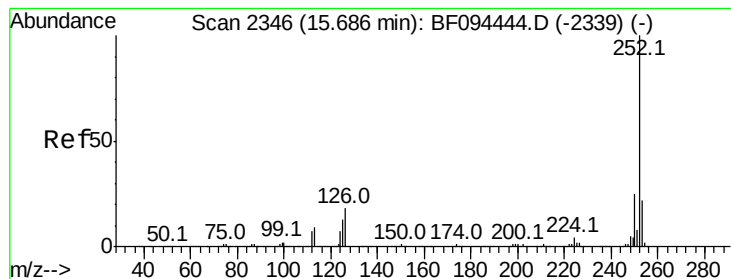
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

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



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





#87

Benzo(b)fluoranthene

Concen: 47.40 ng

RT: 15.69 min Scan# 2339

Delta R.T. 0.01 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Instrument :

BNA_F

ClientSampleId :

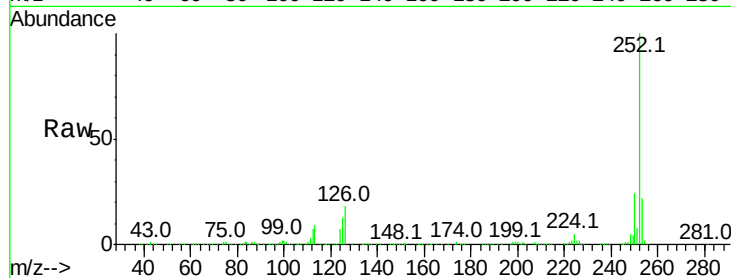
Tot Ion:252 Resp: 504423

Ion Ratio Lower Upper

252 100

253 21.5 18.1 27.1

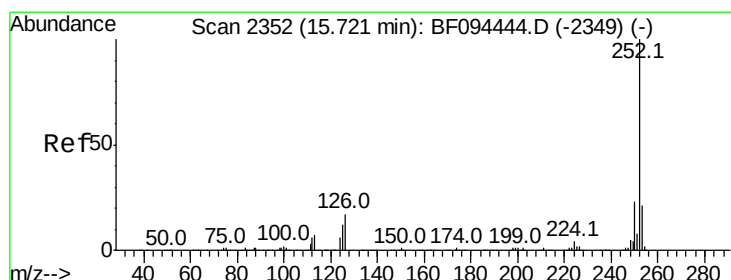
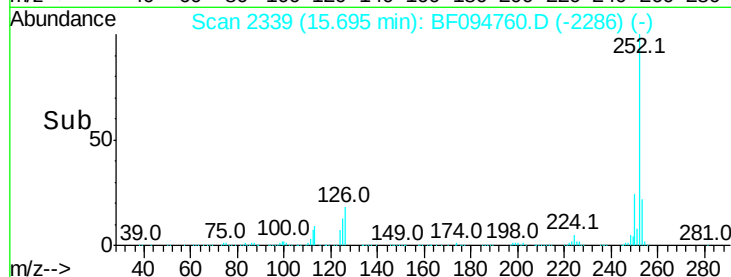
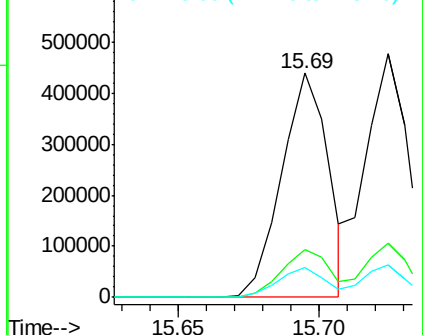
125 13.2 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 50.09 ng

RT: 15.69 min Scan# 2339

Delta R.T. -0.03 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

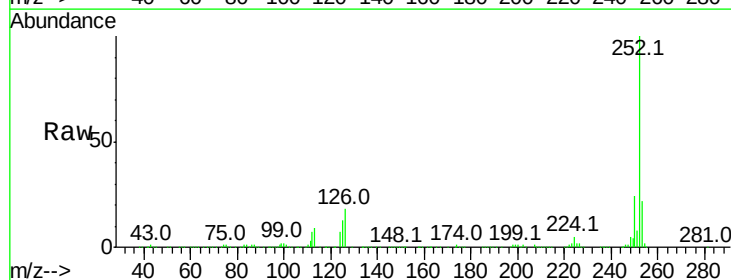
Tgt Ion:252 Resp: 504423

Ion Ratio Lower Upper

252 100

253 21.5 18.4 27.6

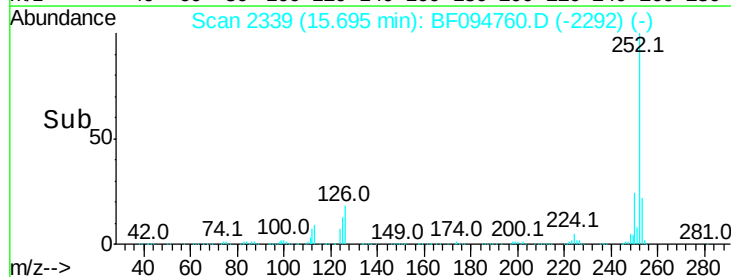
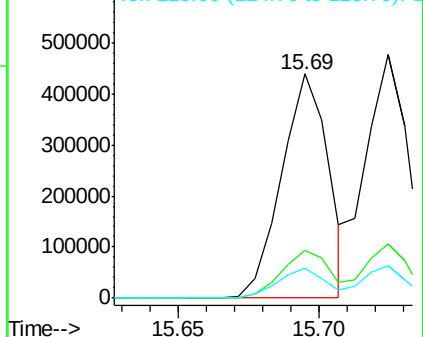
125 13.2 13.1 19.7

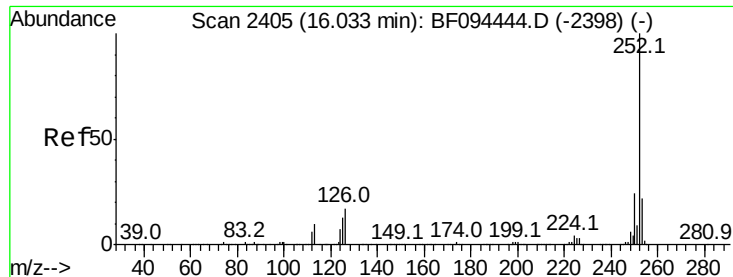


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 45.00 ng

RT: 16.04 min Scan# 2398

Delta R.T. 0.01 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

Instrument :

BNA_F

ClientSampleId :

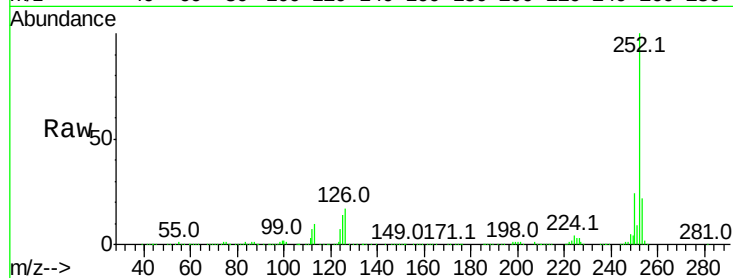
Tot Ion:252 Resp: 445543

Ion Ratio Lower Upper

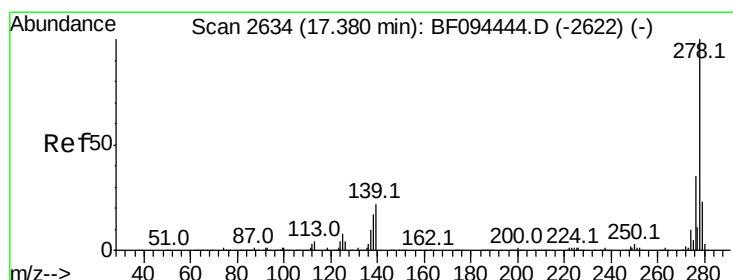
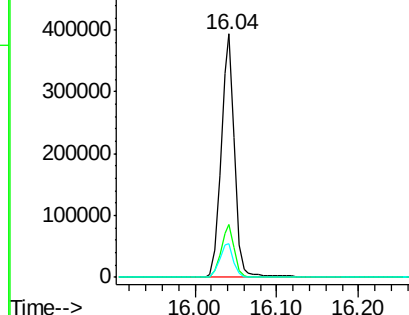
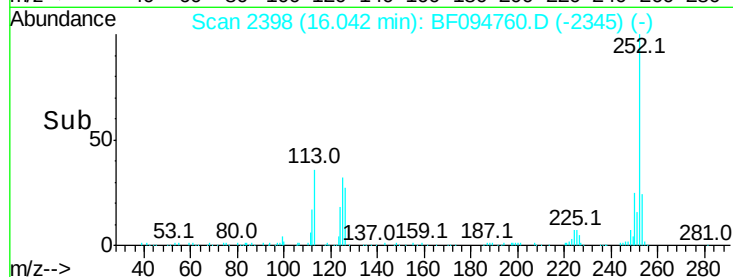
252 100

253 21.9 17.5 26.3

125 13.7 11.0 16.4



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



#90

Dibenzo(a,h)anthracene

Concen: 47.14 ng

RT: 17.39 min Scan# 2628

Delta R.T. 0.01 min

Lab File: BF094760.D

Acq: 1 May 2017 20:27

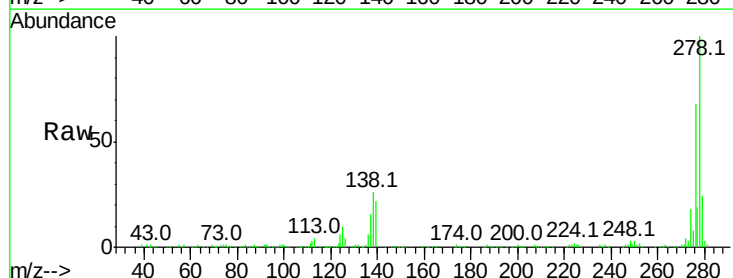
Tgt Ion:278 Resp: 387525

Ion Ratio Lower Upper

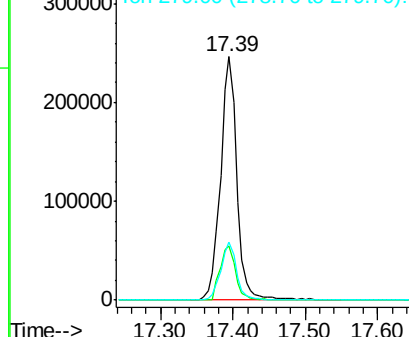
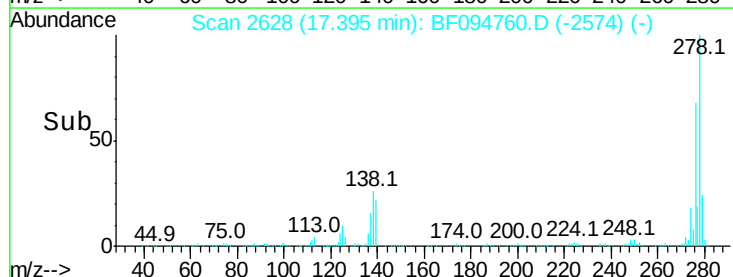
278 100

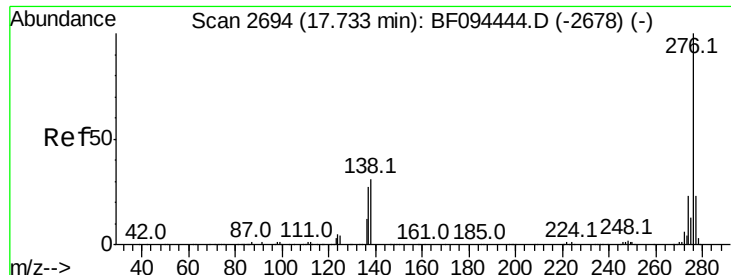
139 22.2 16.6 24.8

279 23.8 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

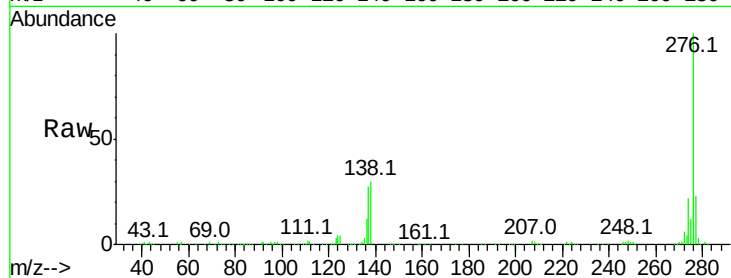




#91
 Benzo(a,h,i)perylene
 Concen: 45.32 ng
 RT: 17.75 min Scan# 2689
 Delta R.T. 0.02 min
 Lab File: BF094760.D
 Acq: 1 May 2017 20:27

Instrument :
 BNA_F
 ClientSampleId :

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



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

