

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094757.D
 Acq On : 1 May 2017 19:05
 Operator : SJ/MA
 Sample : PB98574BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 01:39:05 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	99505	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	370144	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	168407	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	264426	20.00	ng	0.00
75) Chrysene-d12	14.47	240	189456	20.00	ng	0.00
86) Perylene-d12	16.09	264	151301	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	760323	126.77	ng	0.03
7) Phenol-d6	5.41	99	894381	126.49	ng	0.01
23) Nitrobenzene-d5	6.42	82	556694	92.87	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	169372	128.58	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1032205	90.18	ng	0.00
78) Terphenyl-d14	13.19	244	689014	97.21	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.17	88	98092	28.12	ng	94
3) Pyridine	2.69	79	256087	33.59	ng	98
4) n-Nitrosodimethylamine	2.64	42	117557	37.27	ng	85
6) Aniline	5.40	93	262777	27.96	ng	# 89
8) 2-Chlorophenol	5.54	128	293020	42.93	ng	96
9) Benzaldehyde	5.27	77	55160	10.26	ng	98
10) Phenol	5.42	94	343011	39.49	ng	92
11) bis(2-Chloroethyl)ether	5.48	93	270719	42.66	ng	96
12) 1,3-Dichlorobenzene	5.70	146	303806	40.18	ng	99
13) 1,4-Dichlorobenzene	5.78	146	311924	41.00	ng	95
14) 1,2-Dichlorobenzene	5.96	146	286021	40.82	ng	96
15) Benzyl Alcohol	5.95	79	208790	39.81	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.10	45	348418	41.88	ng	# 26
17) 2-Methylphenol	6.10	107	234470	43.62	ng	# 87
18) Hexachloroethane	6.34	117	104530	40.08	ng	# 85
19) n-Nitroso-di-n-propylamine	6.25	70	195063	41.64	ng	99
20) 3+4-Methylphenols	6.28	107	310129	42.46	ng	# 63
22) Acetophenone	6.24	105	400561	44.51	ng	# 84
24) Nitrobenzene	6.44	77	281314	44.56	ng	91
25) Isophorone	6.72	82	468183	42.13	ng	95
26) 2-Nitrophenol	6.81	139	141001	41.58	ng	98
27) 2,4-Dimethylphenol	6.89	122	233616	42.41	ng	98
28) bis(2-Chloroethoxy)methane	6.98	93	302307	42.06	ng	99
29) 2,4-Dichlorophenol	7.12	162	226978	44.29	ng	100
30) 1,2,4-Trichlorobenzene	7.20	180	224677	42.41	ng	99
31) Naphthalene	7.28	128	743986	41.81	ng	100
32) Benzoic acid	7.08	122	125754	43.17	ng	98
33) 4-Chloroaniline	7.37	127	58844	7.95	ng	93
34) Hexachlorobutadiene	7.44	225	116022	43.92	ng	98
35) Caprolactam	7.81	113	40145	24.94	ng	92
36) 4-Chloro-3-methylphenol	8.00	107	231260	43.06	ng	89
37) 2-Methylnaphthalene	8.12	142	525572	43.17	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.33	216	211600	44.12	ng	99
40) Hexachlorocyclopentadiene	8.31	237	70802	36.50	ng	98

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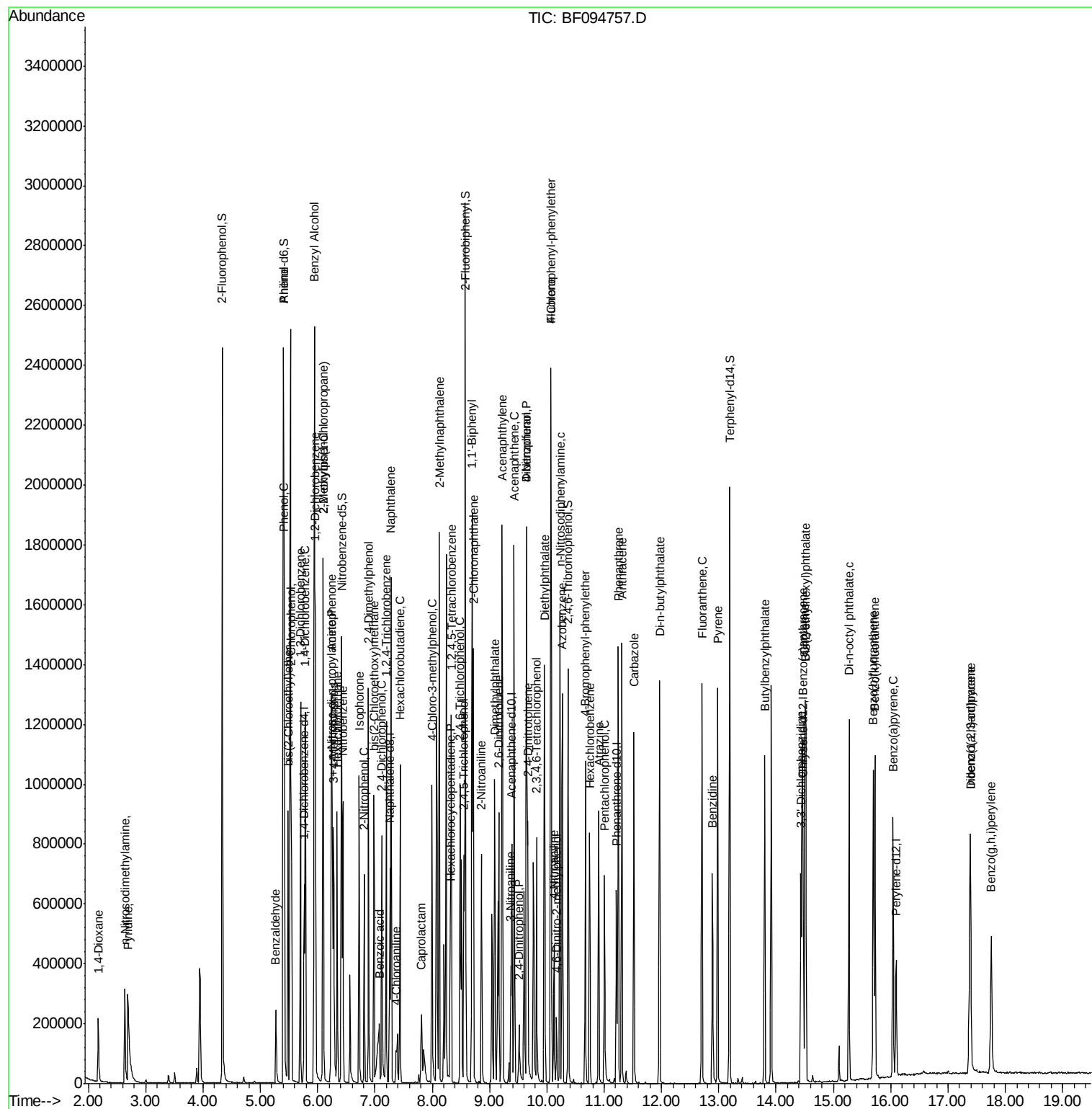
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	153866	45.69	nq	99
43) 2,4,5-Trichlorophenol	8.55	196	155760	45.04	nq	# 93
45) 1,1'-Biphenyl	8.70	154	621918	45.20	nq	98
46) 2-Chloronaphthalene	8.72	162	484212	44.26	nq	96
47) 2-Nitroaniline	8.86	65	136954	43.52	nq	86
48) Acenaphthylene	9.22	152	757993	44.44	nq	98
49) Dimethylphthalate	9.09	163	594519	47.37	nq	99
50) 2,6-Dinitrotoluene	9.17	165	127535	45.27	nq	98
51) Acenaphthene	9.43	154	438474	42.92	nq	99
52) 3-Nitroaniline	9.37	138	73888	22.67	nq	90
53) 2,4-Dinitrophenol	9.52	184	40292	30.22	nq	# 65
54) Dibenzofuran	9.65	168	651352	43.87	nq	92
55) 4-Nitrophenol	9.65	139	395113	171.60	nq	# 43
56) 2,4-Dinitrotoluene	9.67	165	157852	45.67	nq	# 91
57) Fluorene	10.07	166	463782	40.11	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	109970	44.36	nq	96
59) Diethylphthalate	9.96	149	546148	46.12	nq	98
60) 4-Chlorophenyl-phenylether	10.08	204	210443	43.74	nq	88
61) 4-Nitroaniline	10.12	138	100899	30.45	nq	97
62) Azobenzene	10.27	77	489960	42.61	nq	93
64) 4,6-Dinitro-2-methylphenol	10.17	198	38383	22.15	nq	# 64
65) n-Nitrosodiphenylamine	10.23	169	447010	48.61	nq	100
66) 4-Bromophenyl-phenylether	10.67	248	130668	49.77	nq	99
67) Hexachlorobenzene	10.75	284	120511	45.54	nq	# 90
68) Atrazine	10.91	200	124450	45.24	nq	97
69) Pentachlorophenol	11.01	266	97620	92.91	nq	99
70) Phenanthrene	11.25	178	646582	43.42	nq	98
71) Anthracene	11.31	178	663994	43.11	nq	98
72) Carbazole	11.52	167	556129	38.47	nq	99
73) Di-n-butylphthalate	11.97	149	803336	50.47	nq	99
74) Fluoranthene	12.71	202	595254	38.57	nq	99
76) Benzidine	12.89	184	347065	45.24	nq	# 93
77) Pyrene	12.98	202	594028	44.88	nq	99
79) Butylbenzylphthalate	13.80	149	293079	50.52	nq	# 87
80) Benzo(a)anthracene	14.45	228	493863	44.85	nq	99
81) 3,3'-Dichlorobenzidine	14.43	252	162486	41.68	nq	# 96
82) Chrysene	14.50	228	440212	43.74	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	410594	52.72	nq	# 99
84) Di-n-octyl phthalate	15.27	149	682401	52.23	nq	96
85) Indeno(1,2,3-cd)pyrene	17.38	276	381794	39.87	nq	99
87) Benzo(b)fluoranthene	15.69	252	442987	47.86	nq	98
88) Benzo(k)fluoranthene	15.72	252	438156	50.02	nq	# 95
89) Benzo(a)pyrene	16.04	252	381942	44.36	nq	100
90) Dibenzo(a,h)anthracene	17.39	278	320698	44.85	nq	99
91) Benzo(g,h,i)perylene	17.75	276	313071	43.01	nq	98

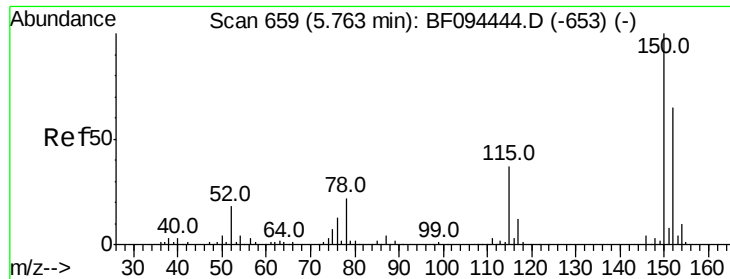
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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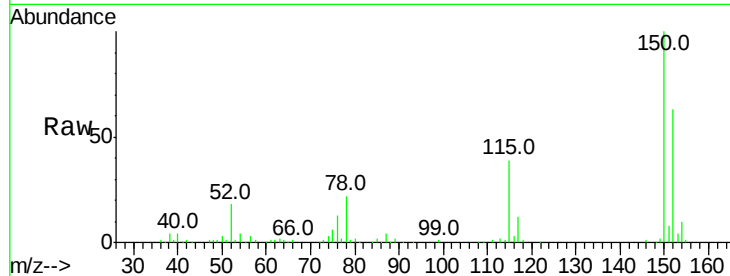


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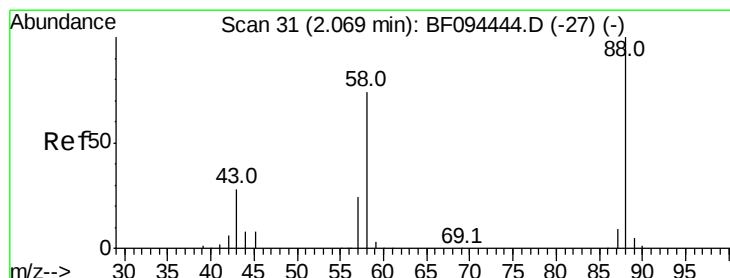
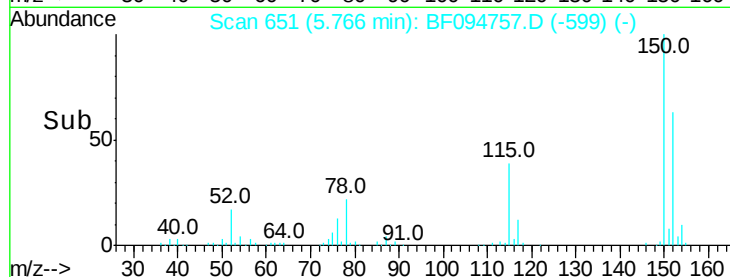
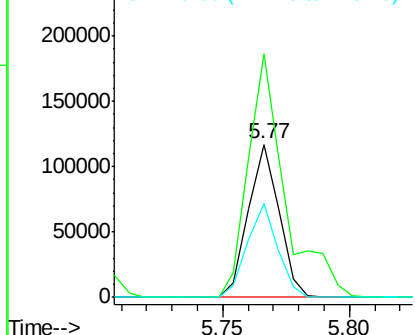
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094757.D
Acq: 1 May 2017 19:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 99505
Ion Ratio Lower Upper
152 100
150 158.9 126.2 189.2
115 61.4 52.2 78.2



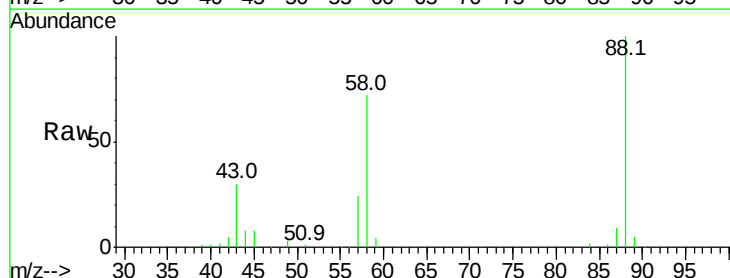
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



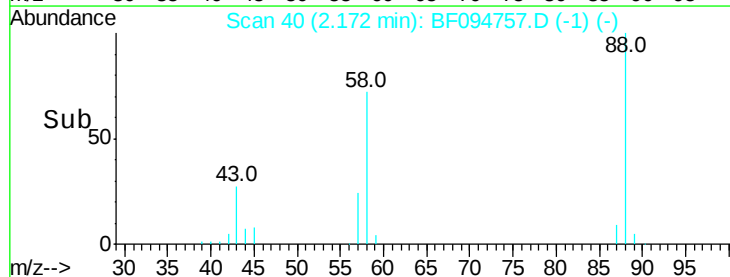
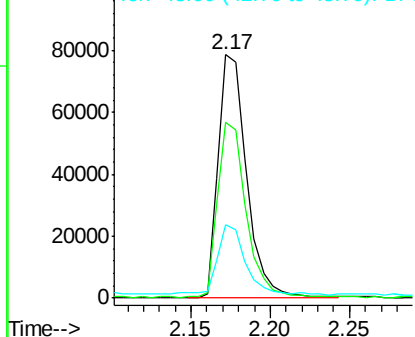
#2

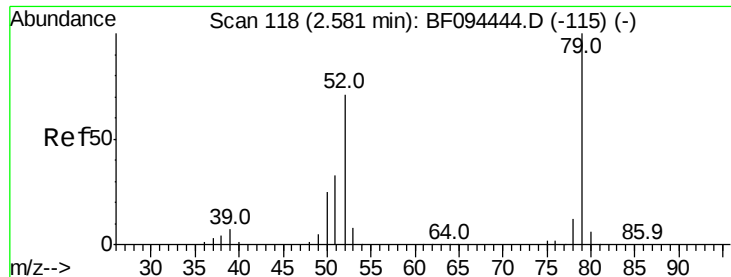
1,4-Dioxane
Concen: 28.12 ng
RT: 2.17 min Scan# 40
Delta R.T. 0.10 min
Lab File: BF094757.D
Acq: 1 May 2017 19:05

Tgt Ion: 88 Resp: 98092
Ion Ratio Lower Upper
88 100
58 70.8 61.4 92.0
43 27.9 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 33.59 ng

RT: 2.69 min Scan# 128

Delta R.T. 0.11 min

Lab File: BF094757.D

Acq: 1 May 2017 19:05

Instrument :

BNA_F

ClientSampleId :

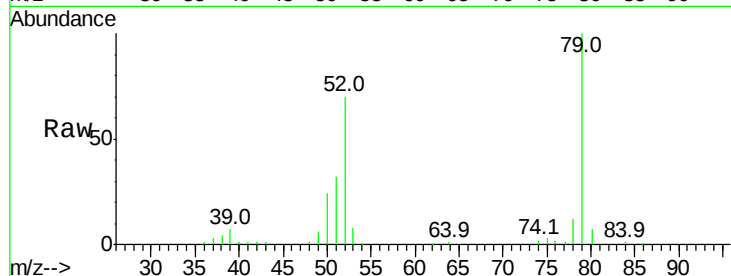
Tot Ion: 79 Resp: 256087

Ion Ratio Lower Upper

79 100

52 70.2 54.8 82.2

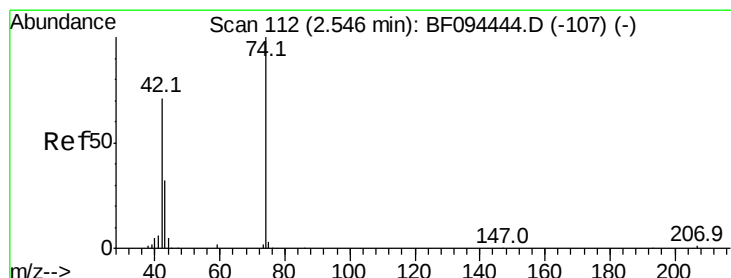
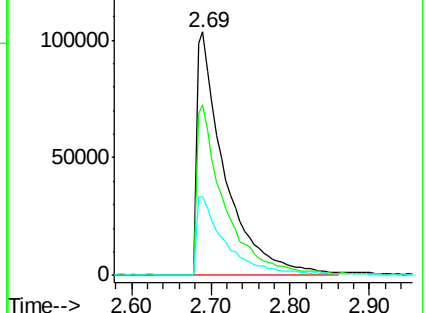
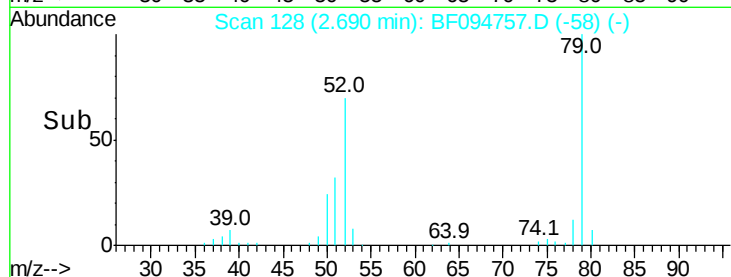
51 32.0 27.0 40.4



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: 37.27 ng

RT: 2.64 min Scan# 119

Delta R.T. 0.09 min

Lab File: BF094757.D

Acq: 1 May 2017 19:05

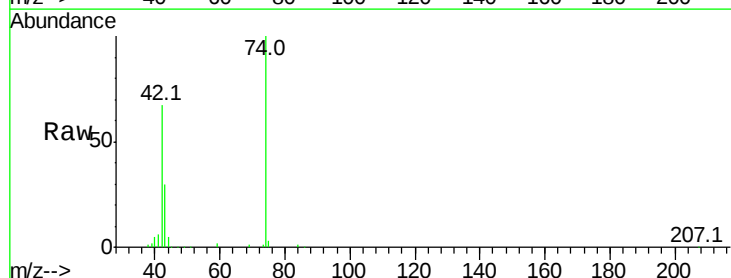
Tgt Ion: 42 Resp: 117557

Ion Ratio Lower Upper

42 100

74 148.4 103.9 155.9

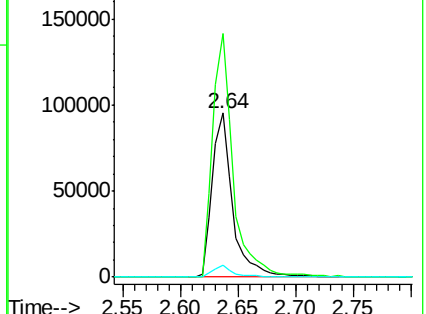
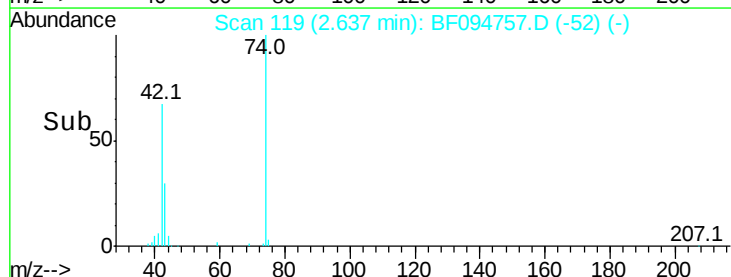
44 7.2 5.7 8.5



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: 126.77 ng

RT: 4.34 min Scan# 408

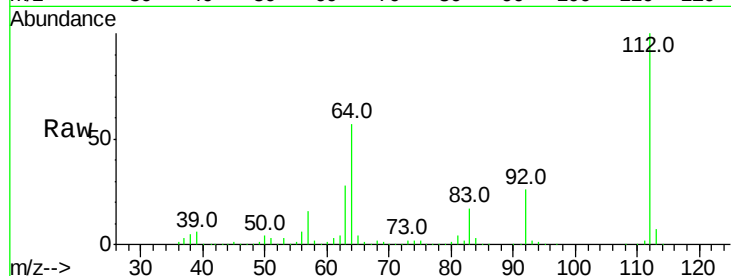
Delta R.T. 0.03 min

Lab File: BF094757.D

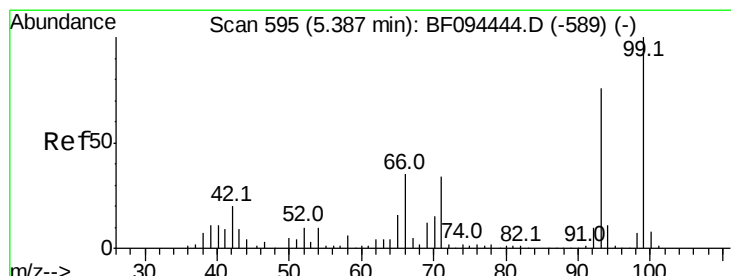
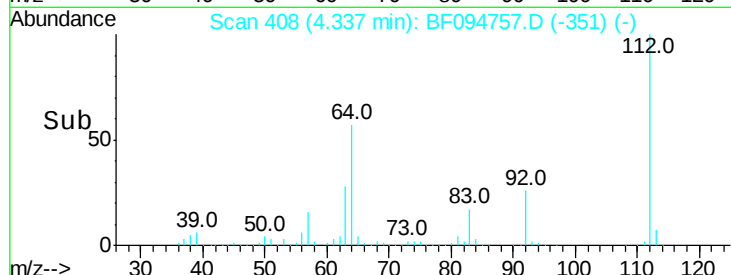
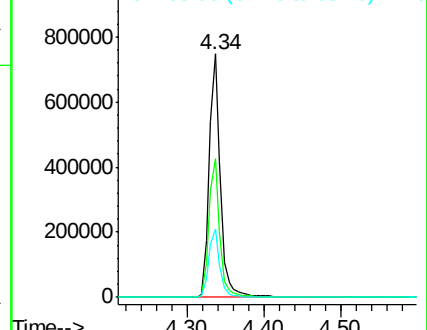
Acq: 1 May 2017 19:05

Instrument :
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ClientSampleId :

Tot Ion:	112	Resp:	760323
Ion	Ratio	Lower	Upper
112	100		
64	56.7	46.0	69.0
63	28.0	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 27.96 ng

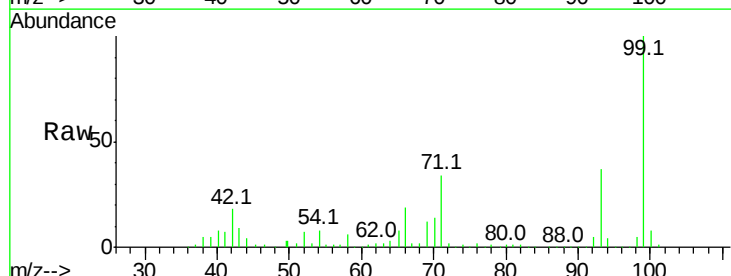
RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

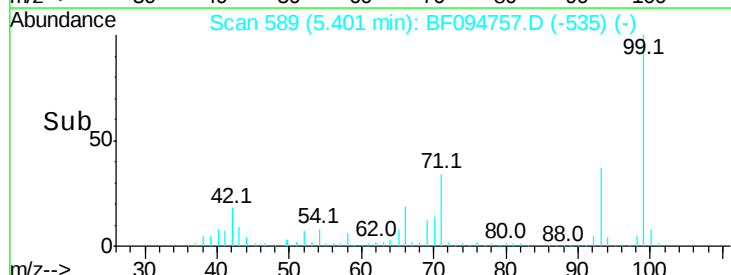
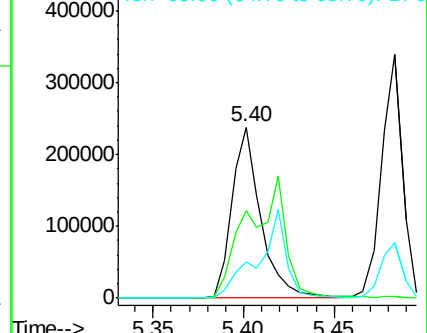
Lab File: BF094757.D

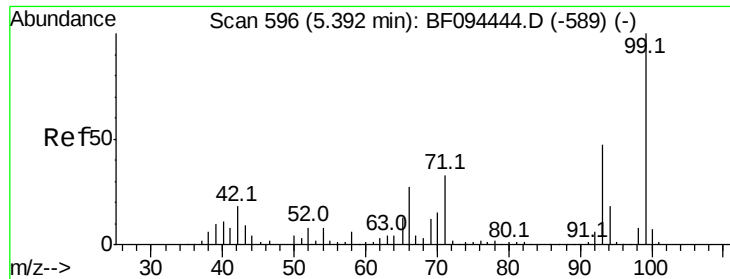
Acq: 1 May 2017 19:05

Tgt Ion:	93	Resp:	262777
Ion	Ratio	Lower	Upper
93	100		
66	50.8	32.9	49.3#
65	21.1	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 126.49 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.01 min

Lab File: BF094757.D

Acq: 1 May 2017 19:05

Instrument :

BNA_F

ClientSampled :

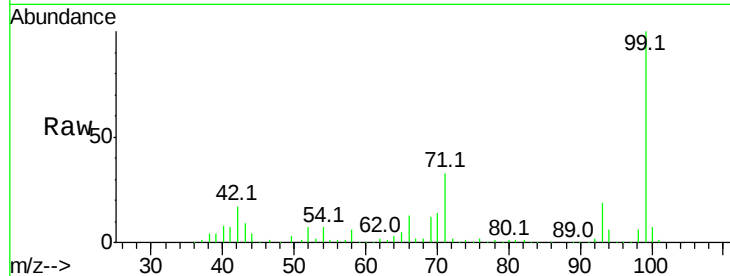
Tot Ion: 99 Resp: 894381

Ion Ratio Lower Upper

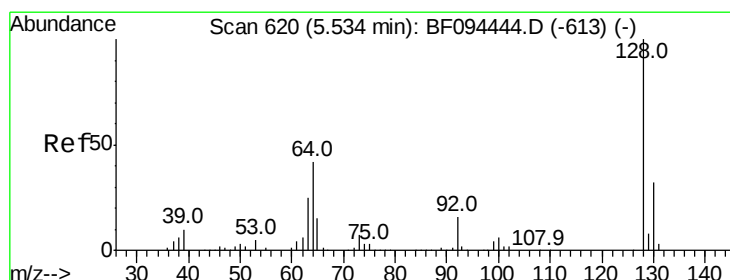
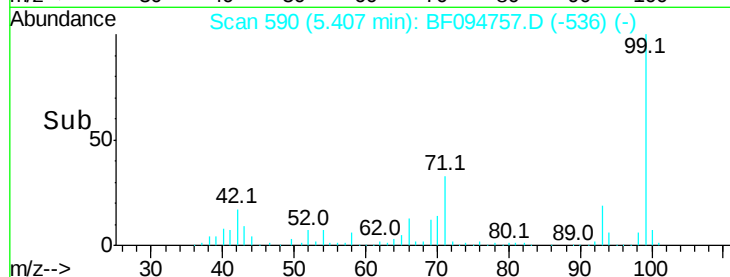
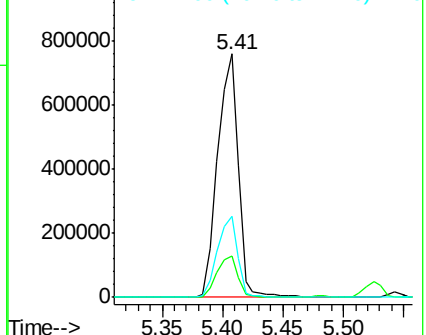
99 100

42 17.0 13.5 20.3

71 33.3 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: 42.93 ng

RT: 5.54 min Scan# 613

Delta R.T. 0.01 min

Lab File: BF094757.D

Acq: 1 May 2017 19:05

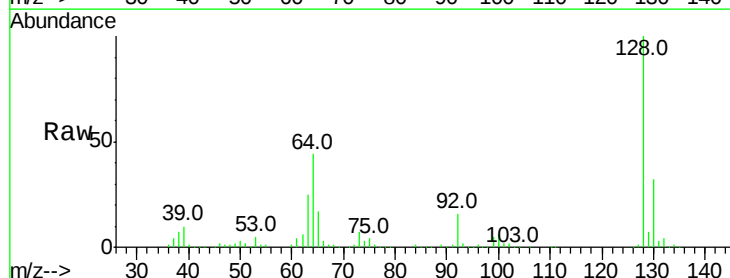
Tgt Ion: 128 Resp: 293020

Ion Ratio Lower Upper

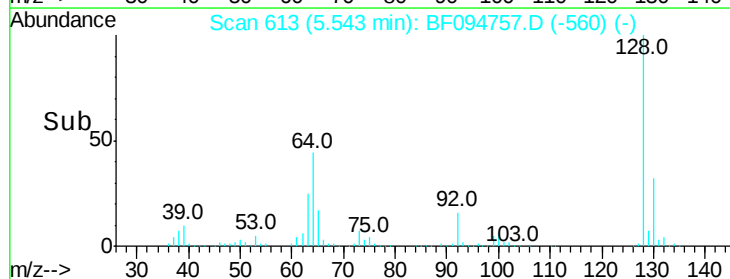
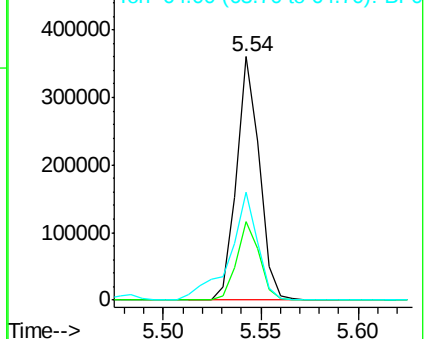
128 100

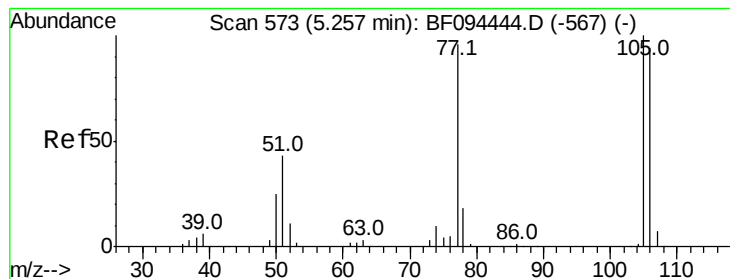
130 32.1 12.9 52.9

64 44.4 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: 10.26 ng

RT: 5.27 min Scan# 567

Delta R.T. 0.01 min

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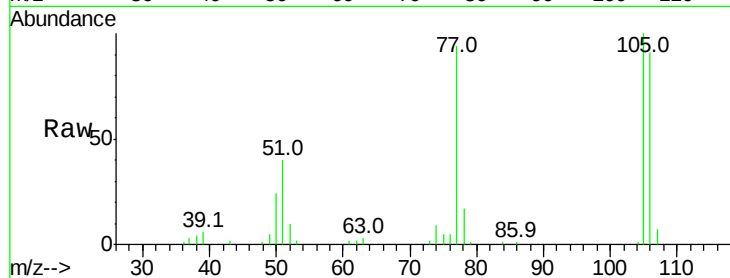
Tot Ion: 77 Resp: 55160

Ion Ratio Lower Upper

77 100

105 106.7 83.8 123.8

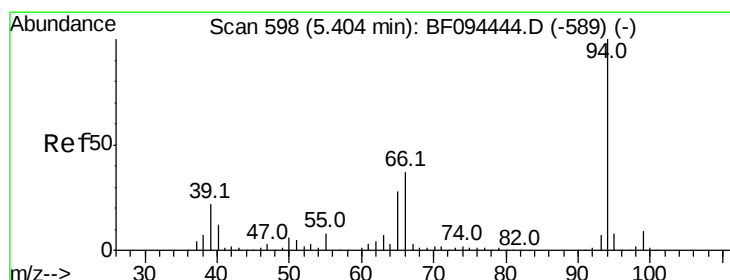
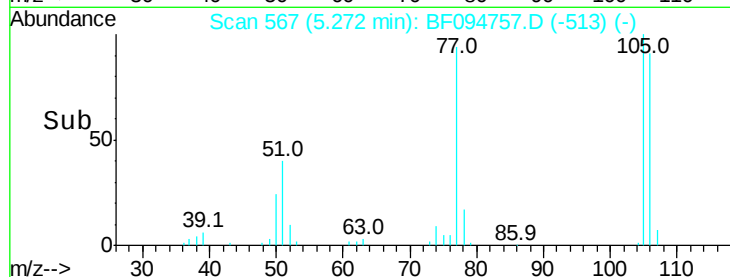
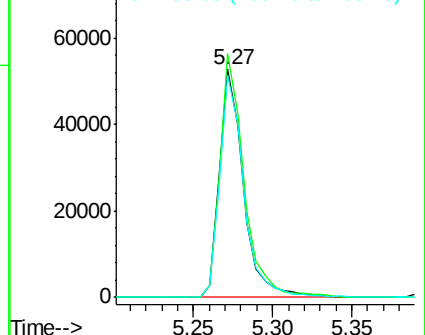
106 97.5 79.1 119.1



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: 39.49 ng

RT: 5.42 min Scan# 592

Delta R.T. 0.01 min

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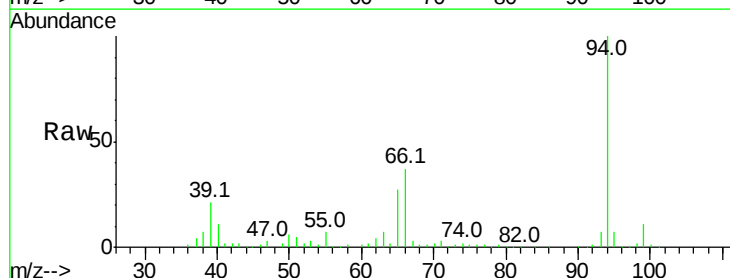
Tgt Ion: 94 Resp: 343011

Ion Ratio Lower Upper

94 100

65 26.9 9.9 49.9

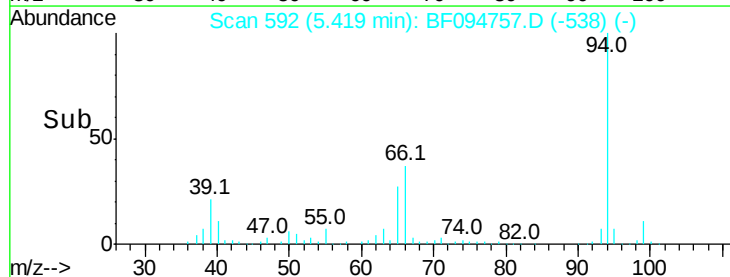
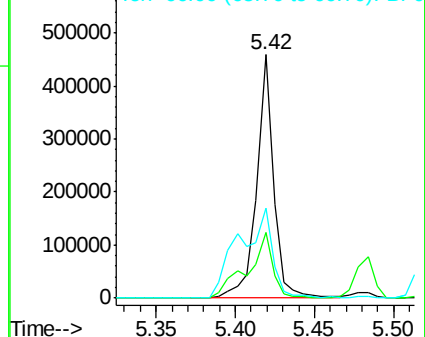
66 37.2 23.1 63.1

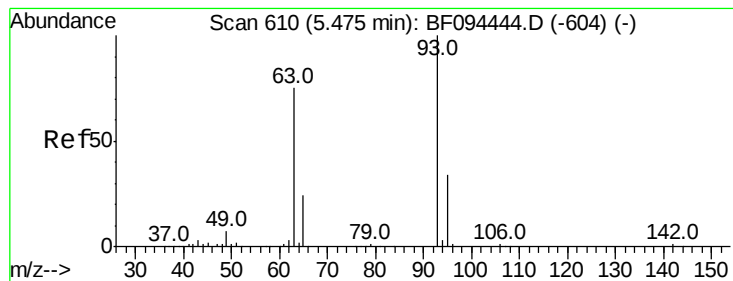


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

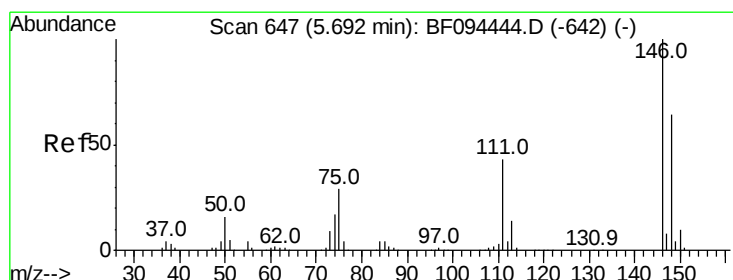
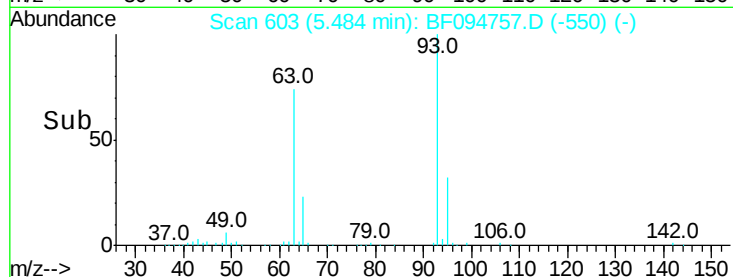
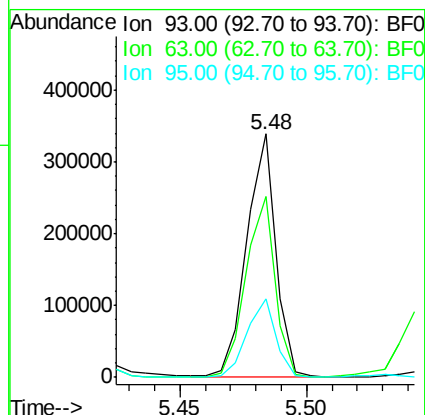
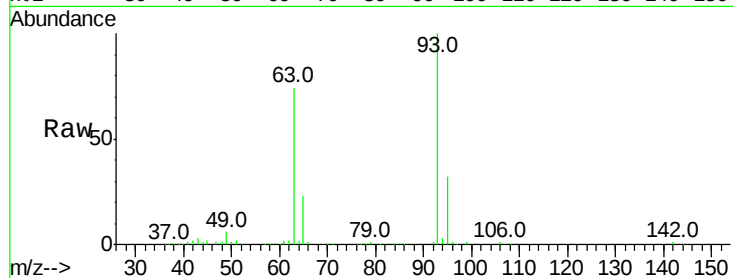




#11
bis(2-Chloroethyl)ether
Concen: 42.66 ng
RT: 5.48 min Scan# 603
Delta R.T. 0.01 min
Lab File: BF094757.D
Acq: 1 May 2017 19:05

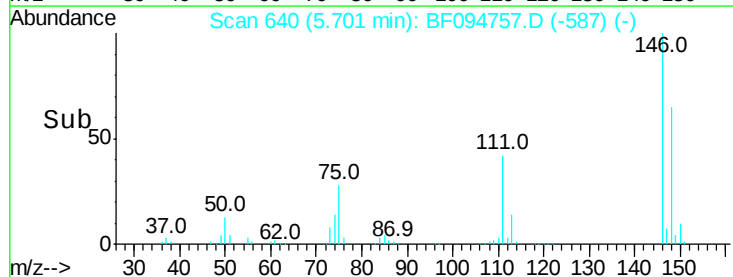
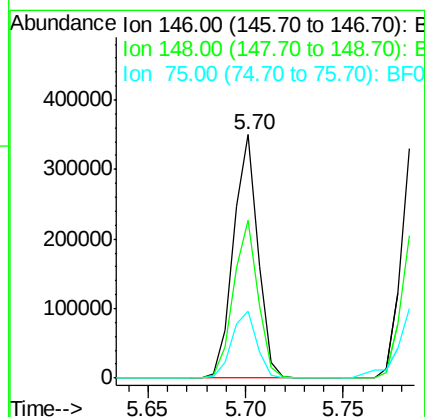
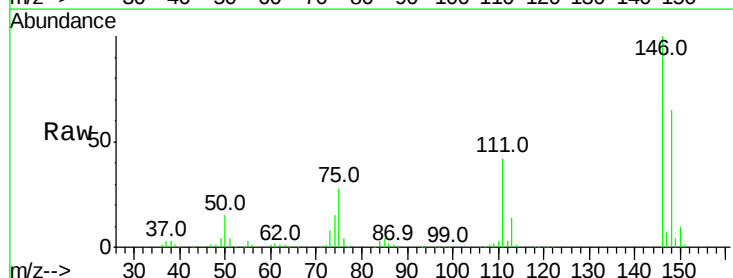
Instrument :
BNA_F
ClientSampleId :

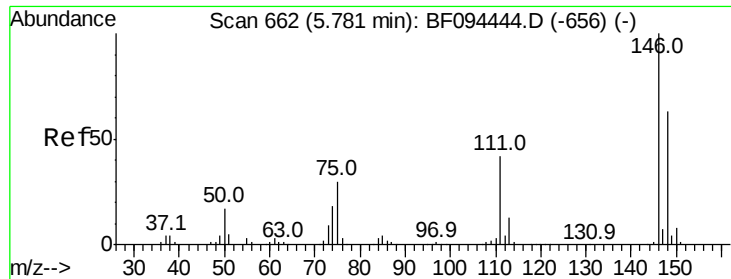
Tot Ion: 93 Resp: 270719
Ion Ratio Lower Upper
93 100
63 74.2 59.2 99.2
95 32.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.18 ng
RT: 5.70 min Scan# 640
Delta R.T. 0.01 min
Lab File: BF094757.D
Acq: 1 May 2017 19:05

Tgt Ion: 146 Resp: 303806
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.6
75 27.7 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 41.00 ng

RT: 5.78 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF094757.D

Acq: 1 May 2017 19:05

Instrument :

BNA_F

ClientSampled :

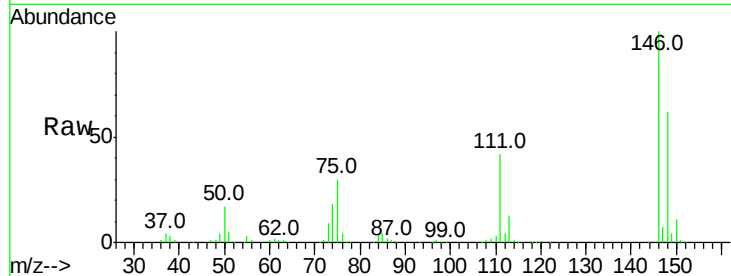
Tot Ion:146 Resp: 311924

Ion Ratio Lower Upper

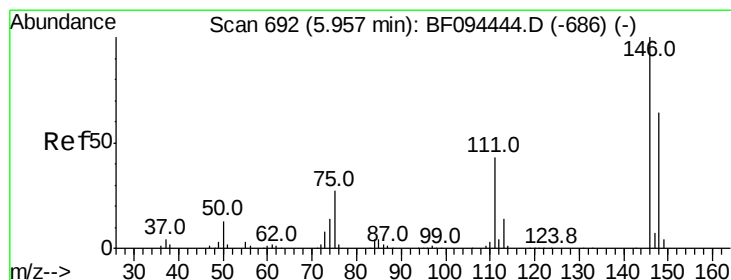
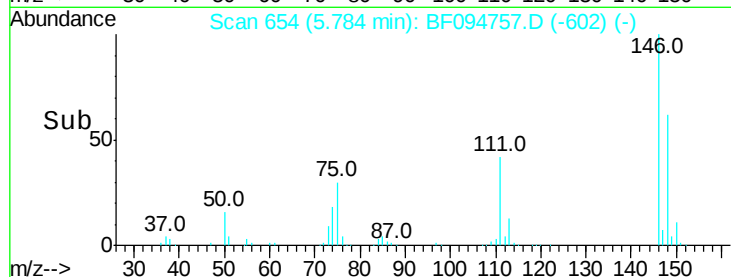
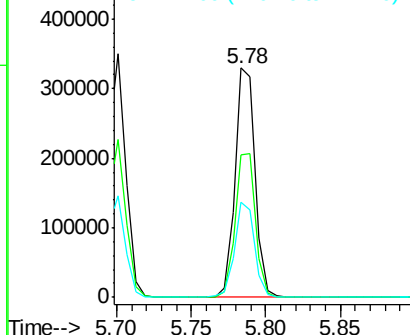
146 100

148 62.4 52.2 78.2

111 41.8 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.82 ng

RT: 5.96 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF094757.D

Acq: 1 May 2017 19:05

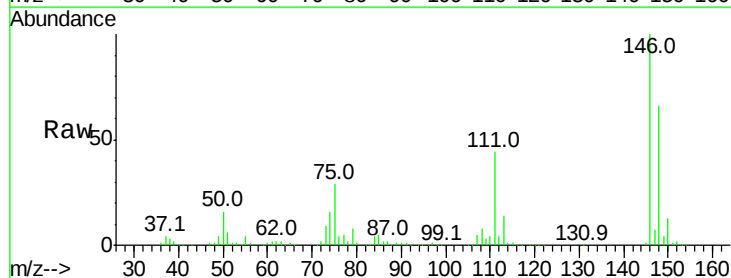
Tgt Ion:146 Resp: 286021

Ion Ratio Lower Upper

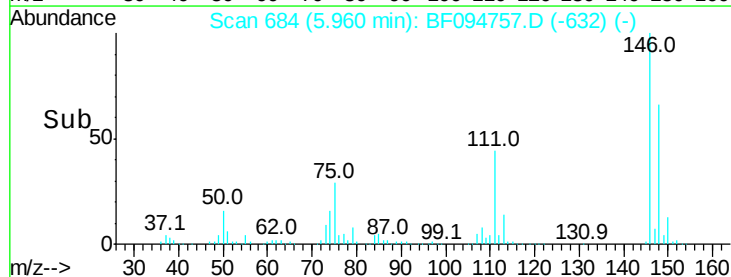
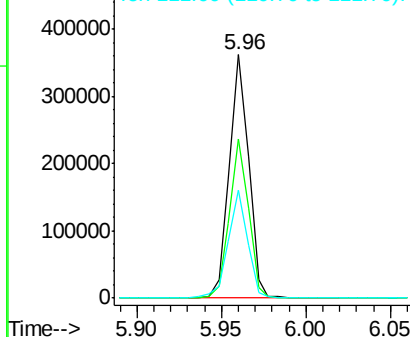
146 100

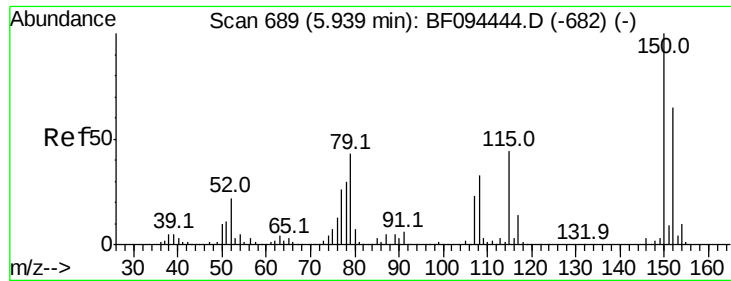
148 65.5 50.4 75.6

111 44.2 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

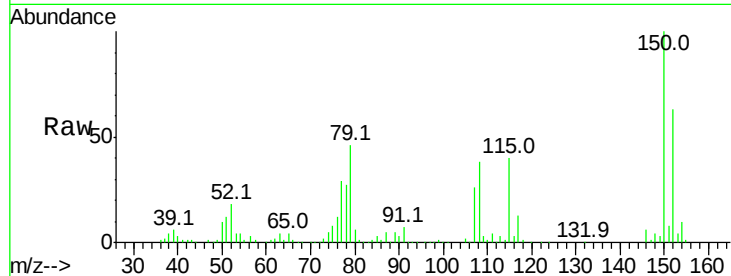




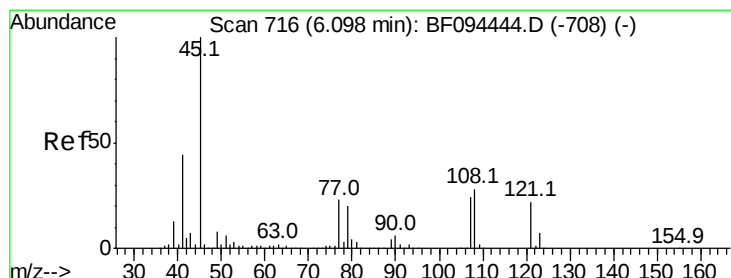
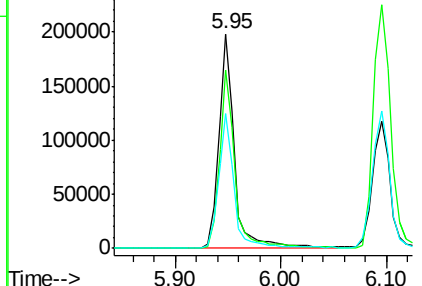
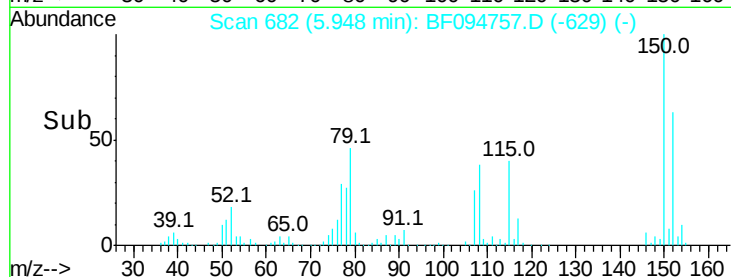
#15
Benzyl Alcohol
Concen: 39.81 ng
RT: 5.95 min Scan# 682
Delta R.T. 0.01 min
Lab File: BF094757.D
Acq: 1 May 2017 19:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 208790
Ion Ratio Lower Upper
79 100
108 82.8 63.4 95.0
77 62.7 49.2 73.8

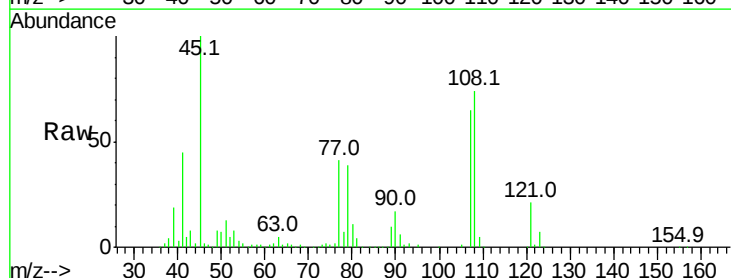


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

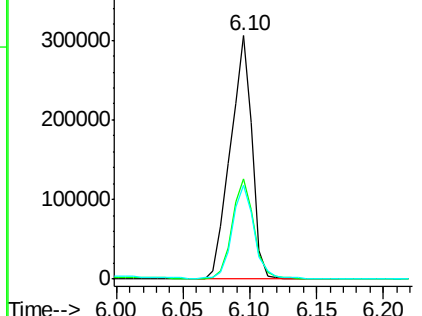
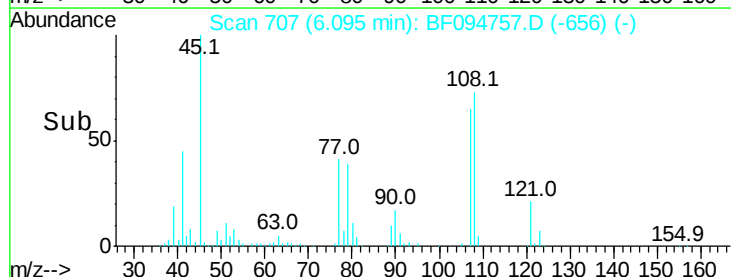


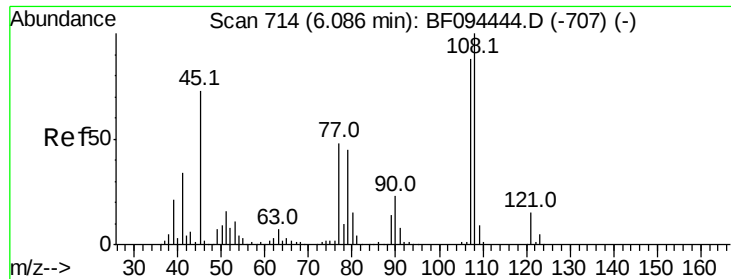
#16
2,2'-oxybis(1-chloropropane)
Concen: 41.88 ng
RT: 6.10 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF094757.D
Acq: 1 May 2017 19:05

Tgt Ion: 45 Resp: 348418
Ion Ratio Lower Upper
45 100
77 41.4 0.0 33.2#
79 38.6 0.0 30.0#



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

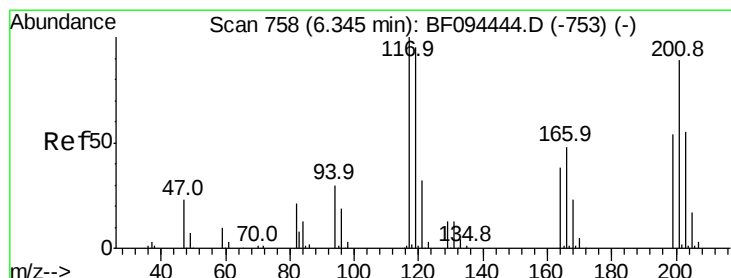
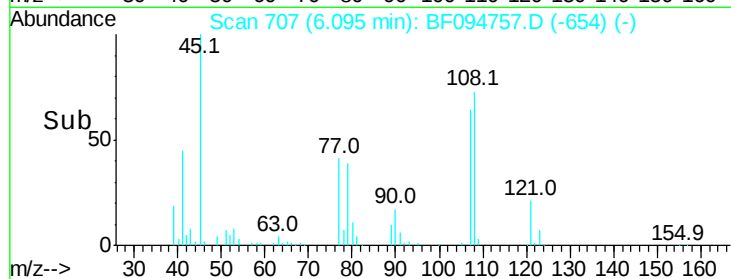
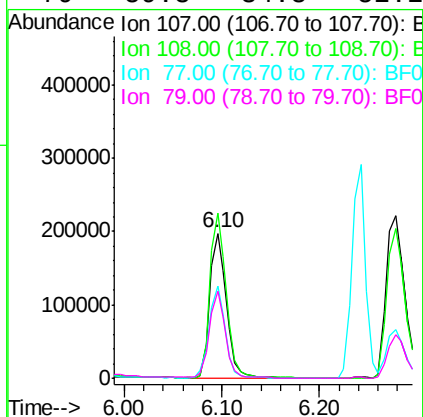
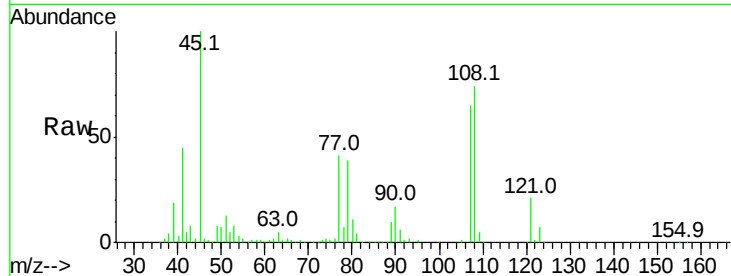




#17
2-Methylphenol
Concen: 43.62 ng
RT: 6.10 min Scan# 707
Delta R.T. 0.01 min
Lab File: BF094757.D
Acq: 1 May 2017 19:05

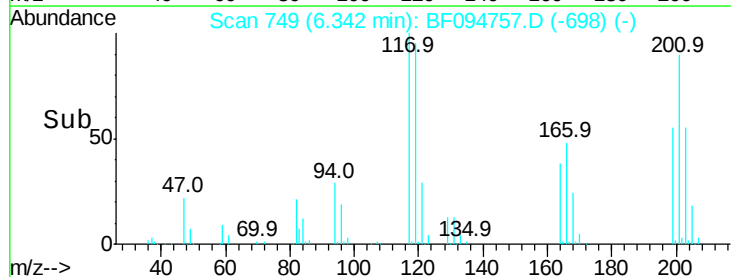
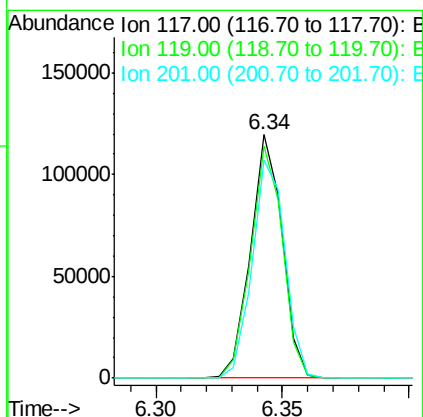
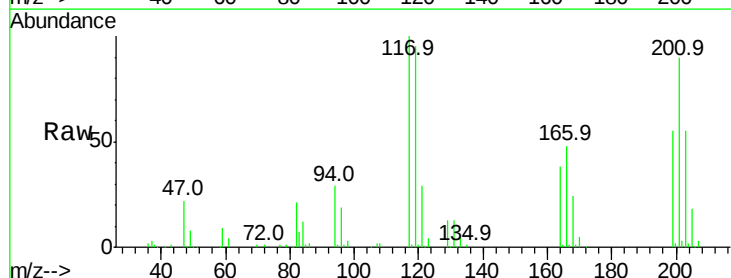
Instrument :
BNA_F
ClientSampleId :

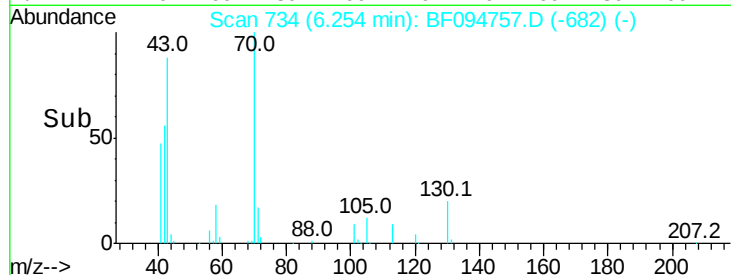
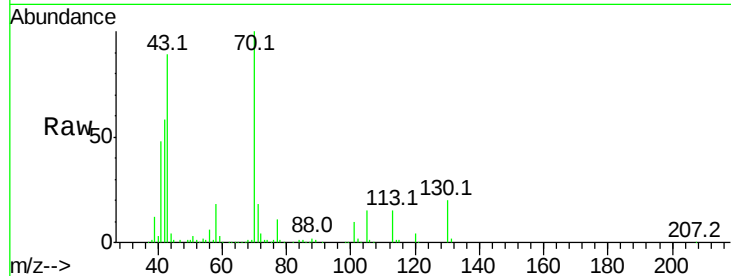
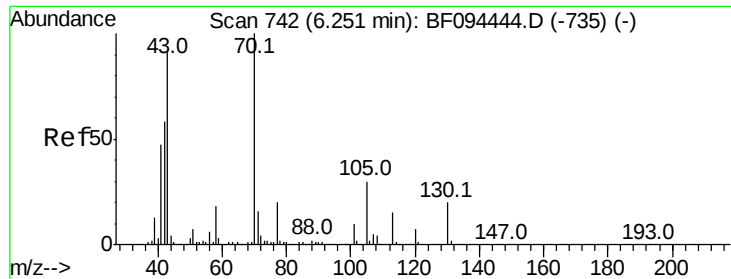
Tot Ion:107 Resp: 234470
Ion Ratio Lower Upper
107 100
108 114.0 93.4 140.0
77 64.1 35.8 53.6#
79 59.8 34.8 52.2#



#18
Hexachloroethane
Concen: 40.08 ng
RT: 6.34 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF094757.D
Acq: 1 May 2017 19:05

Tgt Ion:117 Resp: 104530
Ion Ratio Lower Upper
117 100
119 95.4 77.4 116.0
201 89.5 94.6 141.8#

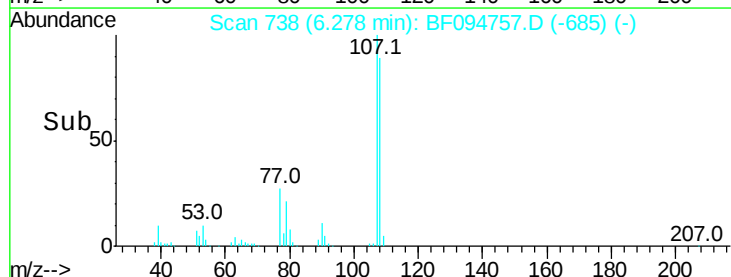
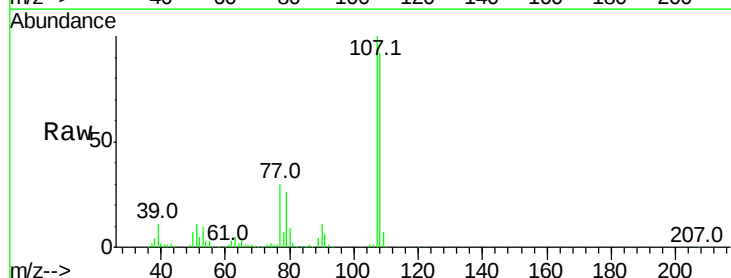
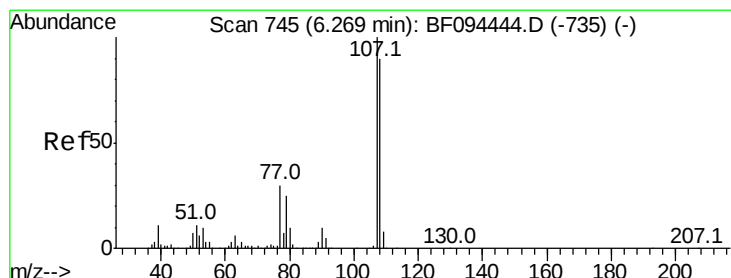
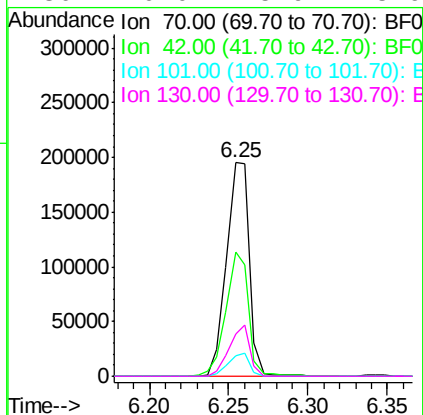




#19
n-Nitroso-di-n-propylamine
Concen: 41.64 ng
RT: 6.25 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF094757.D
Acq: 1 May 2017 19:05

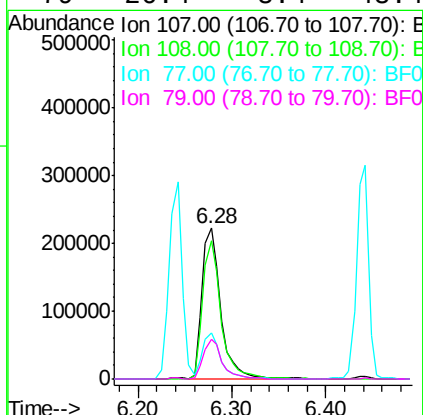
Instrument :
BNA_F
ClientSampleId :

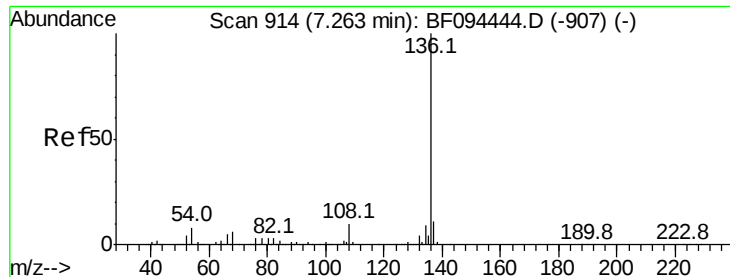
Tot Ion:	70	Resp:	195063
Ion	Ratio	Lower	Upper
70	100		
42	58.2	47.2	70.8
101	9.7	7.2	10.8
130	20.0	15.9	23.9



#20
3+4-Methylphenols
Concen: 42.46 ng
RT: 6.28 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF094757.D
Acq: 1 May 2017 19:05

Tgt Ion:	107	Resp:	310129
Ion	Ratio	Lower	Upper
107	100		
108	92.0	71.0	111.0
77	30.2	90.5	130.5#
79	26.4	8.4	48.4

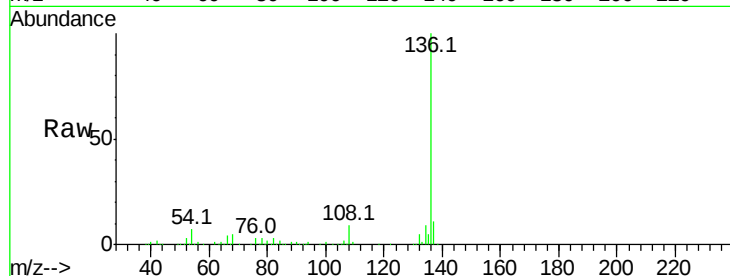




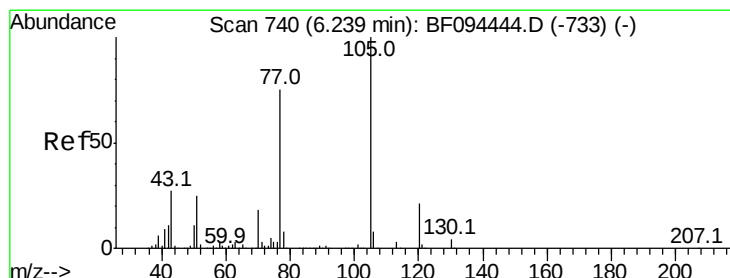
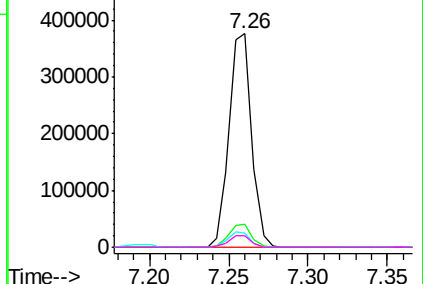
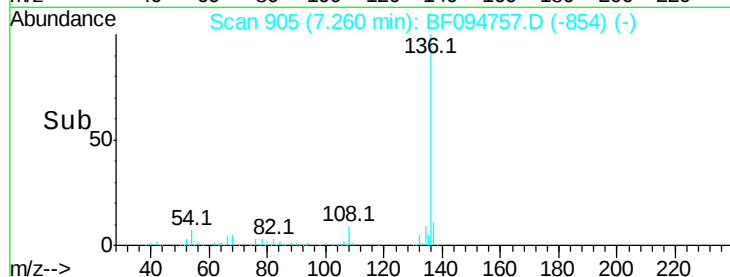
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF094757.D
Acq: 1 May 2017 19:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	370144
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.5	12.7
54 6.8	4.9	7.3
68 5.2	4.1	6.1

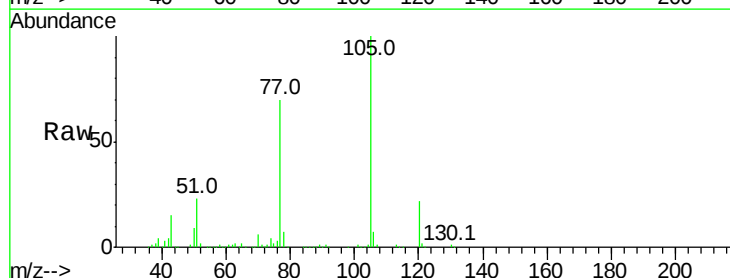


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

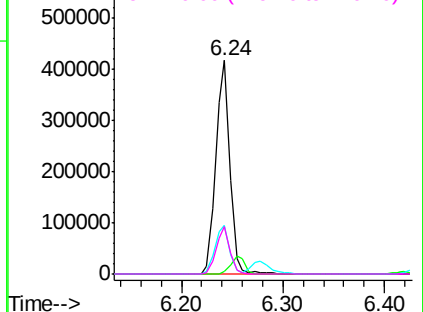
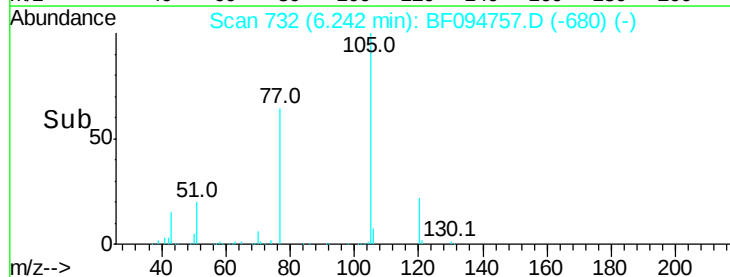


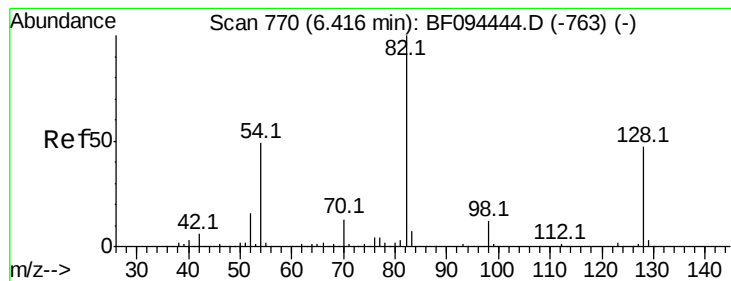
#22
Acetophenone
Concen: 44.51 ng
RT: 6.24 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF094757.D
Acq: 1 May 2017 19:05

Tgt	Ion:105	Resp:	400561
Ion	Ratio	Lower	Upper
105	100		
71	1.0	2.8	4.2#
51	22.7	30.7	46.1#
120	22.1	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: 92.87 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF094757.D

Acq: 1 May 2017 19:05

Instrument :

BNA_F

ClientSampleId :

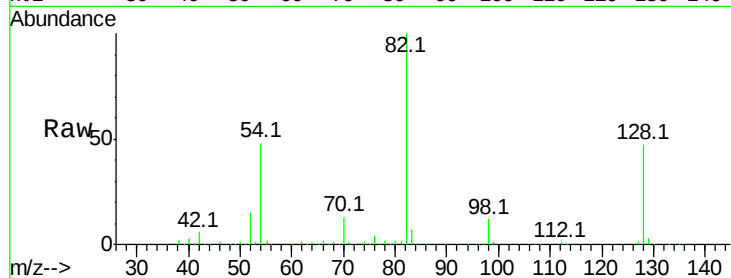
Tot Ion: 82 Resp: 556694

Ion Ratio Lower Upper

82 100

128 47.1 34.0 51.0

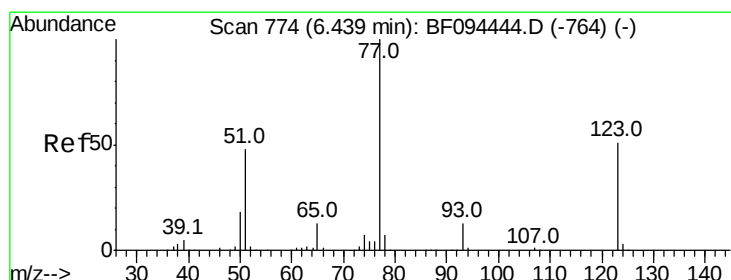
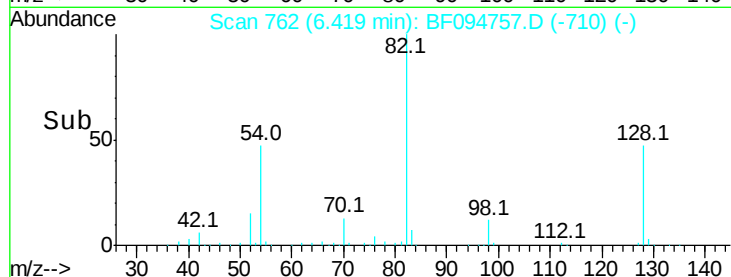
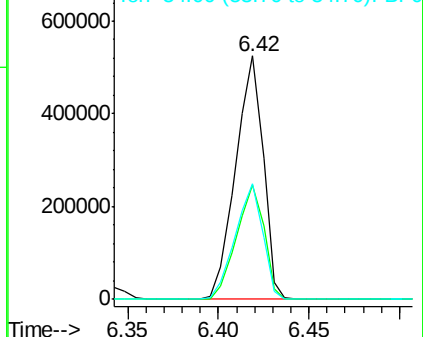
54 47.7 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 44.56 ng

RT: 6.44 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF094757.D

Acq: 1 May 2017 19:05

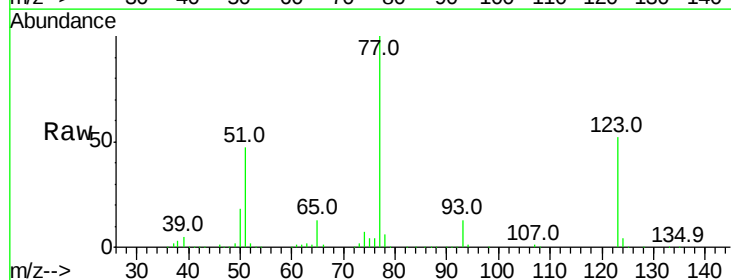
Tgt Ion: 77 Resp: 281314

Ion Ratio Lower Upper

77 100

123 52.3 35.8 53.8

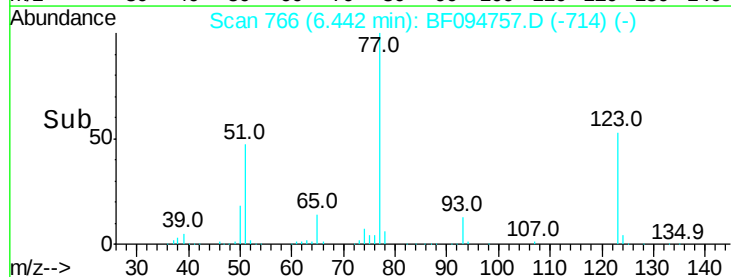
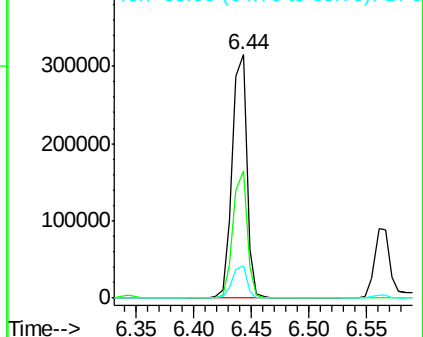
65 13.5 10.6 15.8

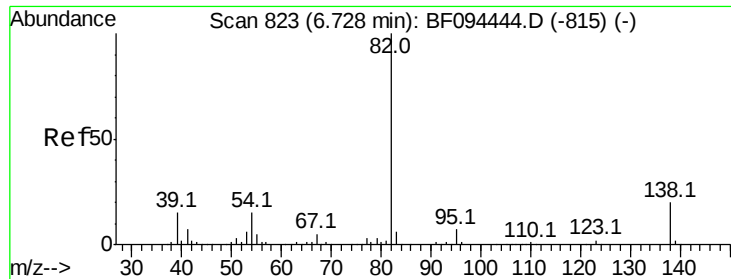


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 42.13 ng

RT: 6.72 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF094757.D

Acq: 1 May 2017 19:05

Instrument :

BNA_F

ClientSampleId :

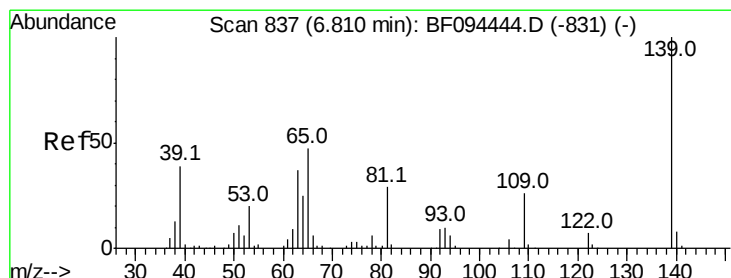
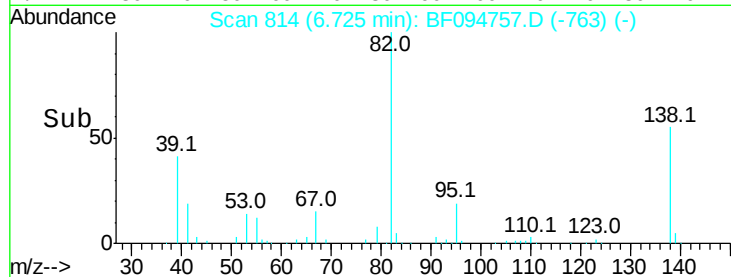
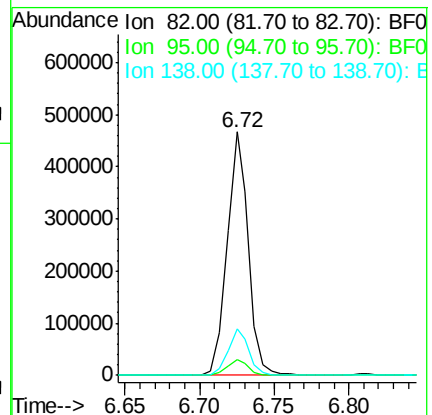
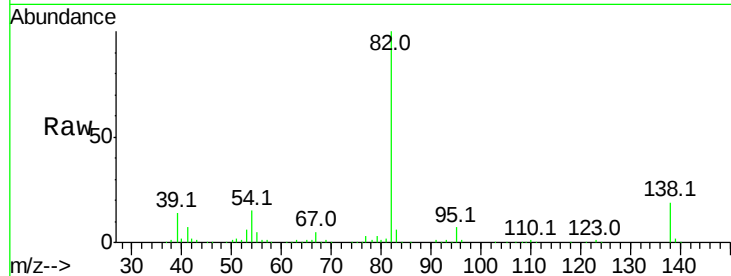
Tot Ion: 82 Resp: 468183

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 19.1 13.1 19.7



#26

2-Nitrophenol

Concen: 41.58 ng

RT: 6.81 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF094757.D

Acq: 1 May 2017 19:05

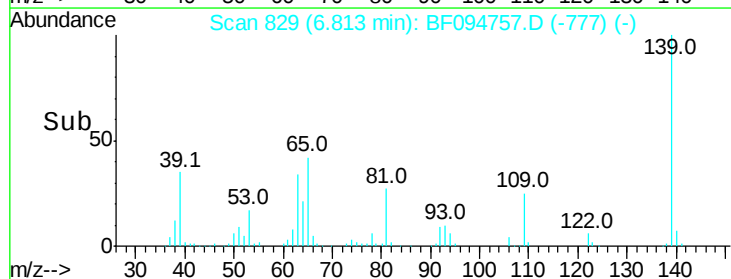
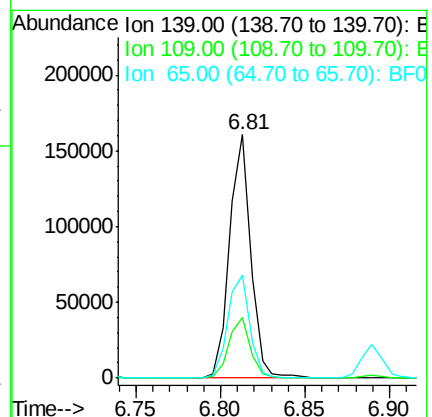
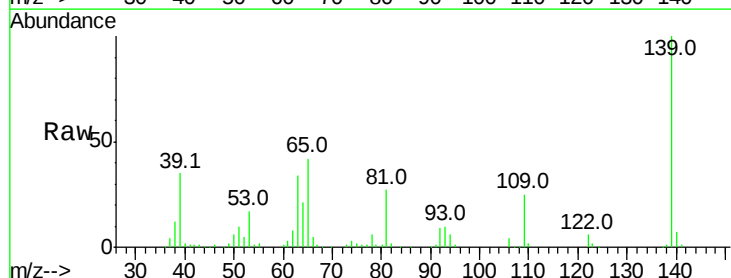
Tgt Ion:139 Resp: 141001

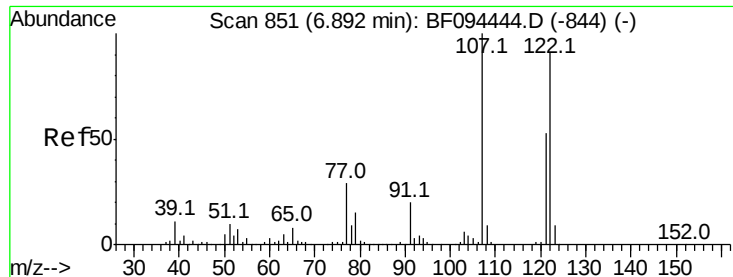
Ion Ratio Lower Upper

139 100

109 25.0 21.0 31.6

65 42.3 33.0 49.6

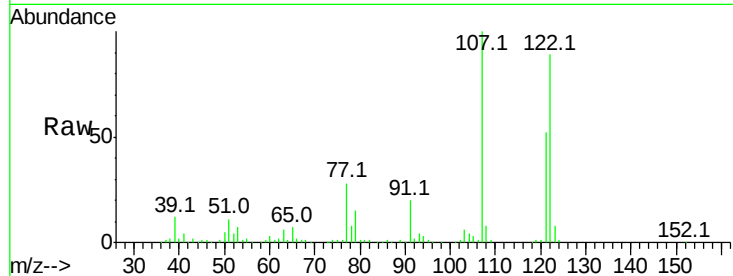




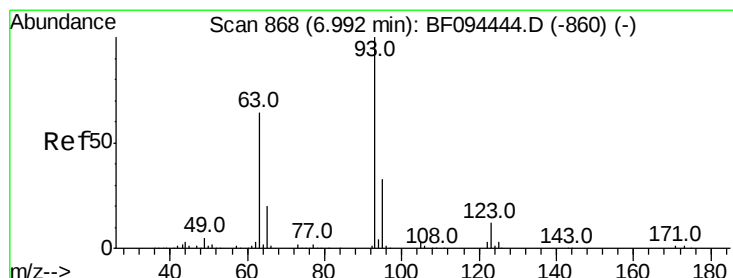
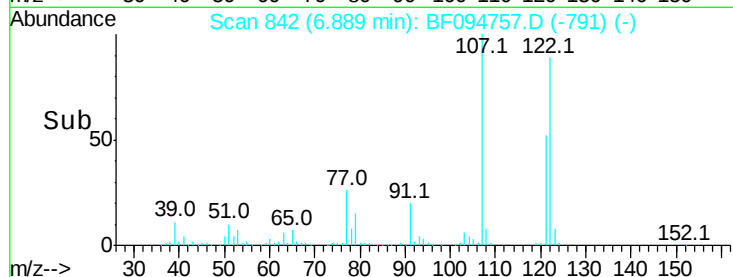
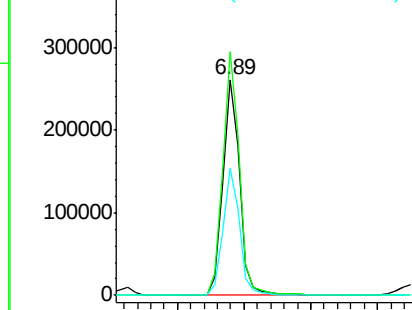
#27
 2,4-Dimethylphenol
 Concen: 42.41 ng
 RT: 6.89 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF094757.D
 Acq: 1 May 2017 19:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 233616
 Ion Ratio Lower Upper
 122 100
 107 112.9 89.2 133.8
 121 59.0 45.2 67.8

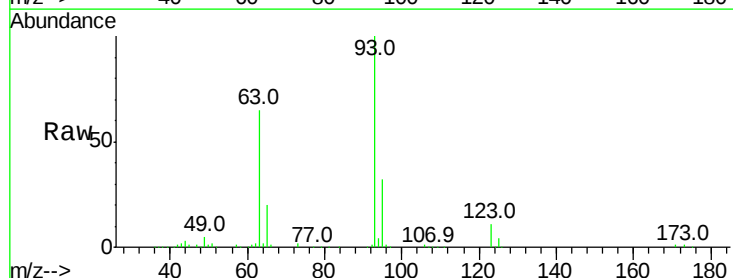


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

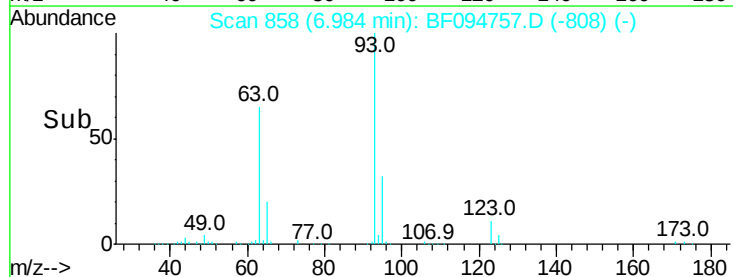
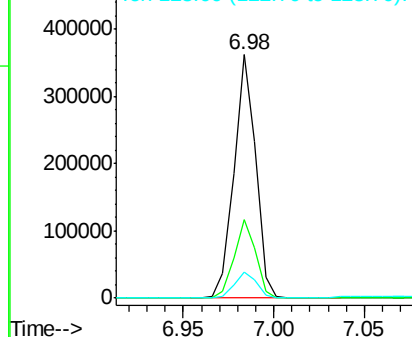


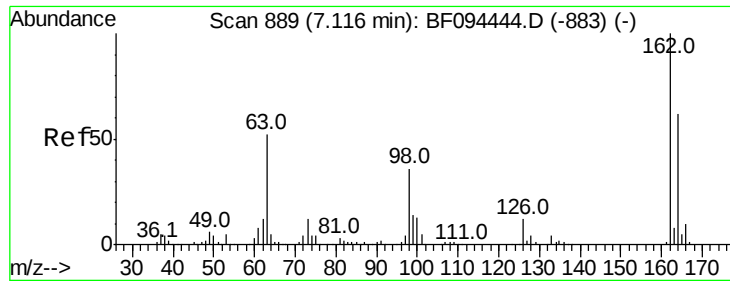
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.06 ng
 RT: 6.98 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: BF094757.D
 Acq: 1 May 2017 19:05

Tgt Ion: 93 Resp: 302307
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.5 39.7
 123 10.9 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

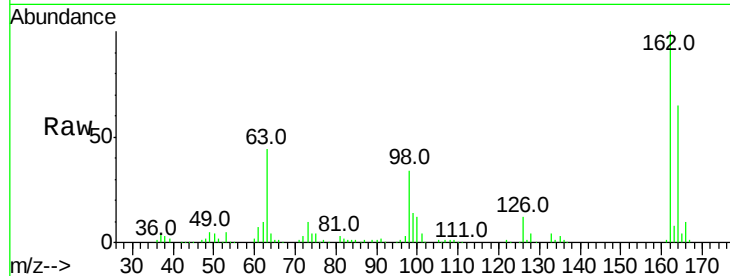




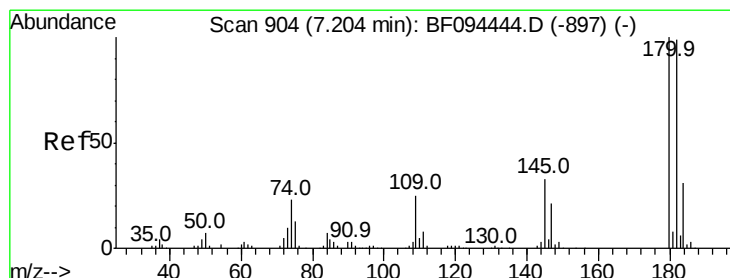
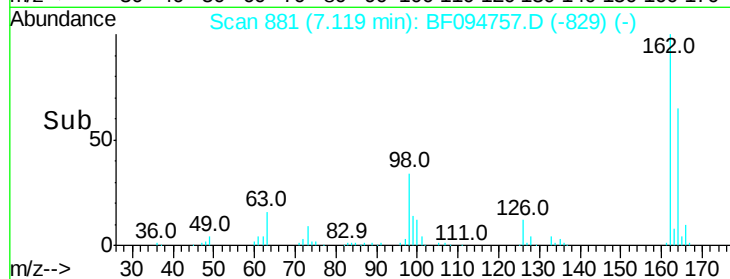
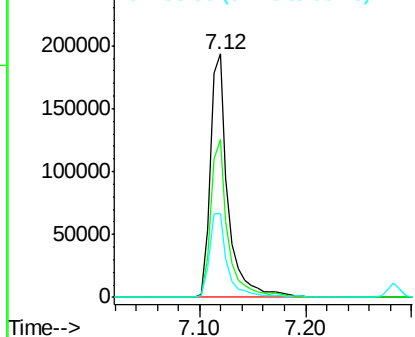
#29
 2,4-Dichlorophenol
 Concen: 44.29 ng
 RT: 7.12 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF094757.D
 Acq: 1 May 2017 19:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.6	84.6
98	34.2	14.8	54.8

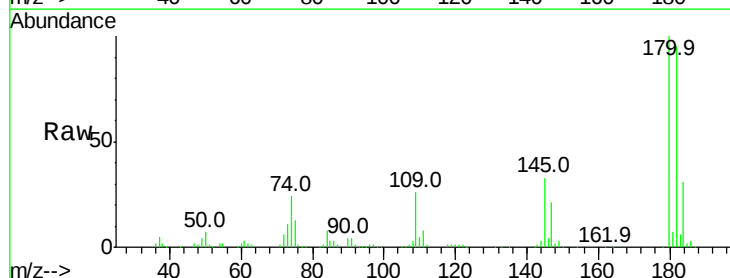


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

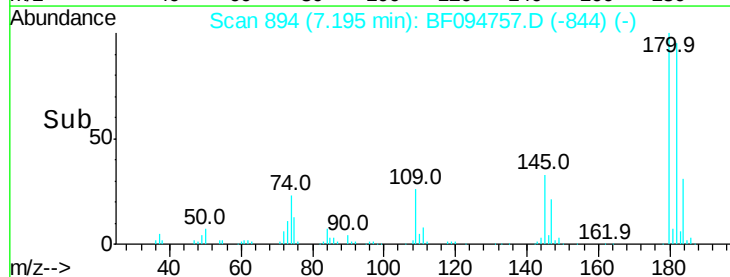
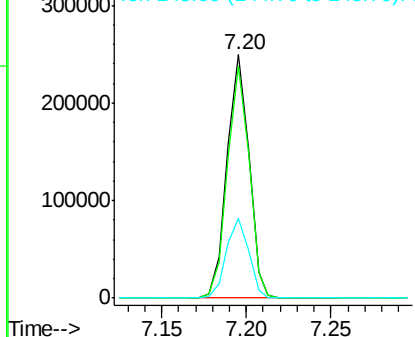


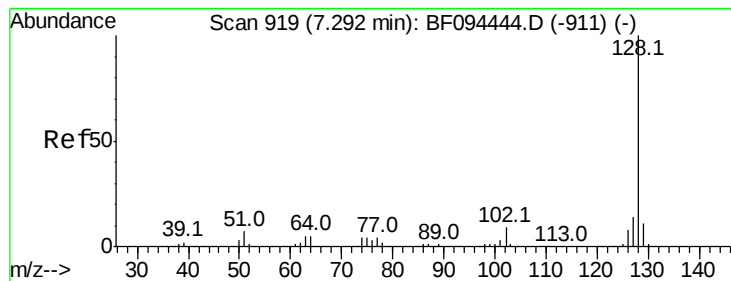
#30
 1,2,4-Trichlorobenzene
 Concen: 42.41 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF094757.D
 Acq: 1 May 2017 19:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.8	113.6
145	32.9	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: 41.81 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF094757.D

Acq: 1 May 2017 19:05

Instrument :

BNA_F

ClientSampled :

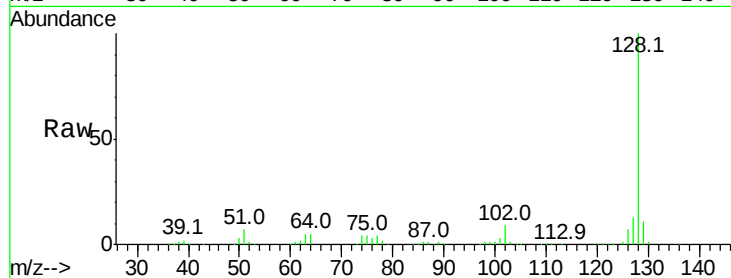
Tot Ion:128 Resp: 743986

Ion Ratio Lower Upper

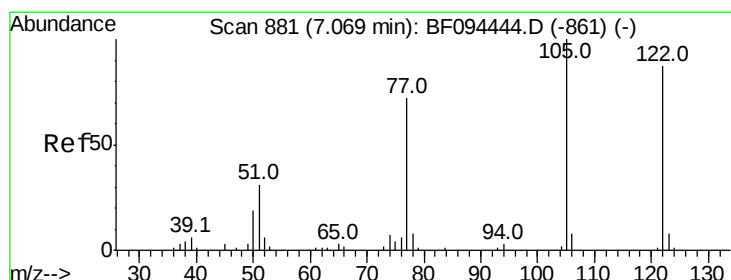
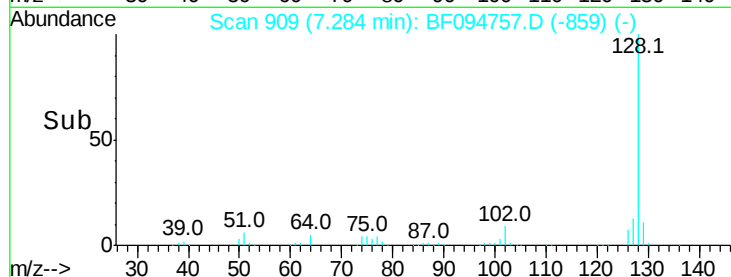
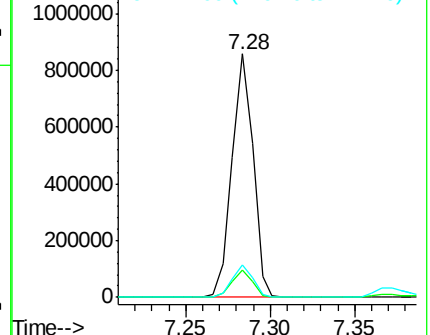
128 100

129 11.4 9.0 13.6

127 13.5 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: 43.17 ng

RT: 7.08 min Scan# 874

Delta R.T. 0.01 min

Lab File: BF094757.D

Acq: 1 May 2017 19:05

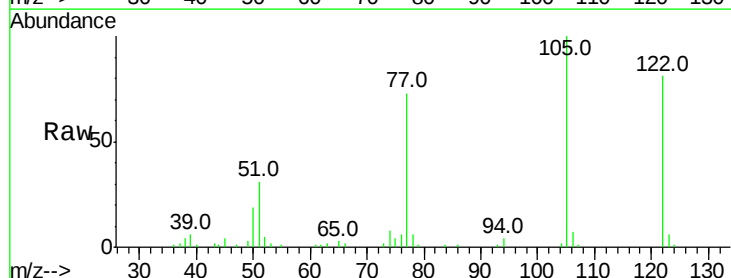
Tgt Ion:122 Resp: 125754

Ion Ratio Lower Upper

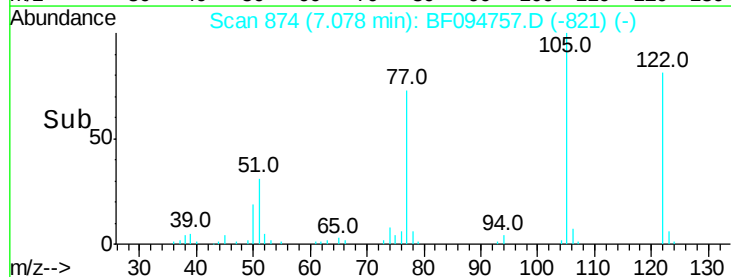
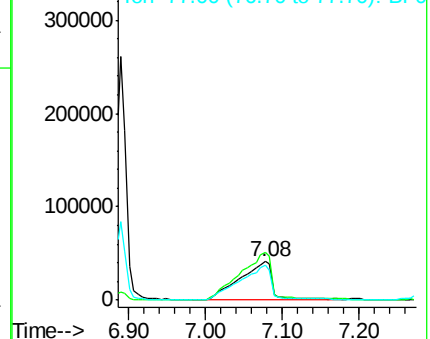
122 100

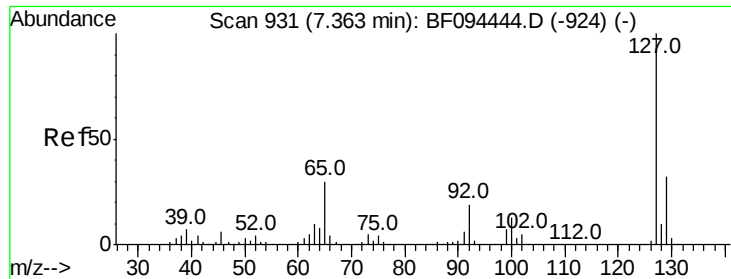
105 123.8 103.3 143.3

77 90.3 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

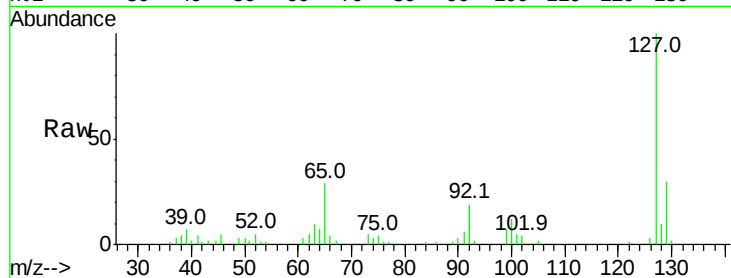




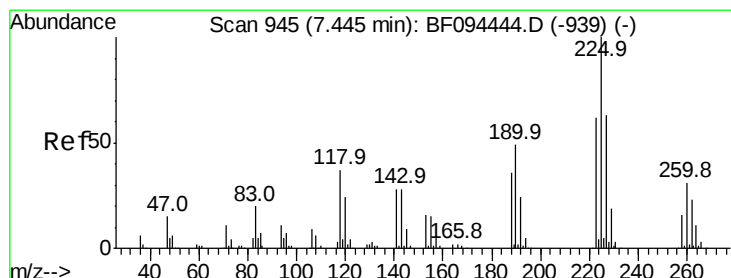
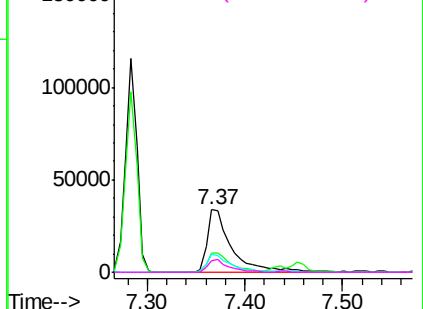
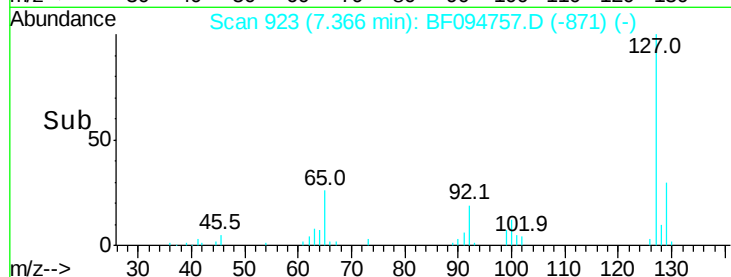
#33
4-Chloroaniline
Concen: 7.95 ng
RT: 7.37 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF094757.D
Acq: 1 May 2017 19:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	58844
Ion	Ratio	Lower	Upper
127	100		
129	30.4	26.2	39.2
65	28.8	27.8	41.8
92	18.8	16.8	25.2

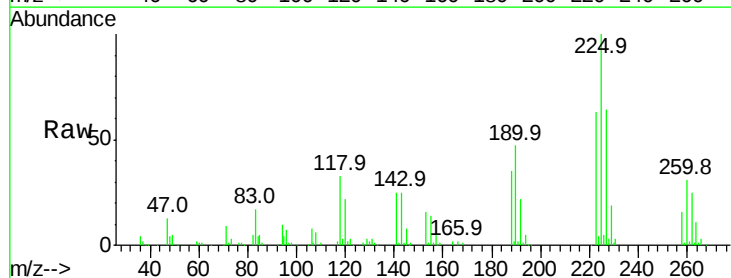


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

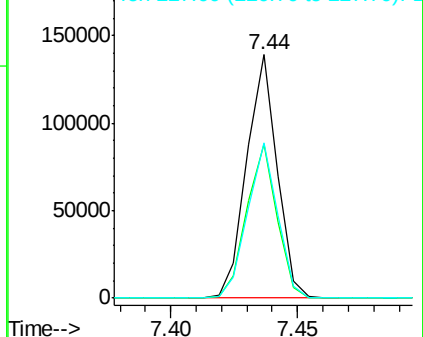
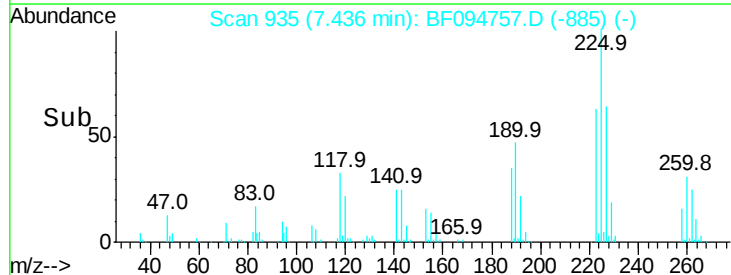


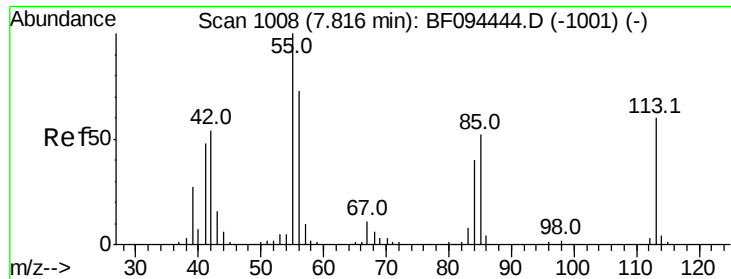
#34
Hexachlorobutadiene
Concen: 43.92 ng
RT: 7.44 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF094757.D
Acq: 1 May 2017 19:05

Tgt Ion:	225	Resp:	116022
Ion	Ratio	Lower	Upper
225	100		
223	63.3	48.8	73.2
227	63.6	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

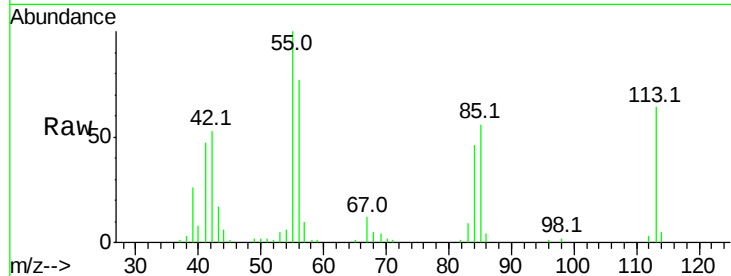




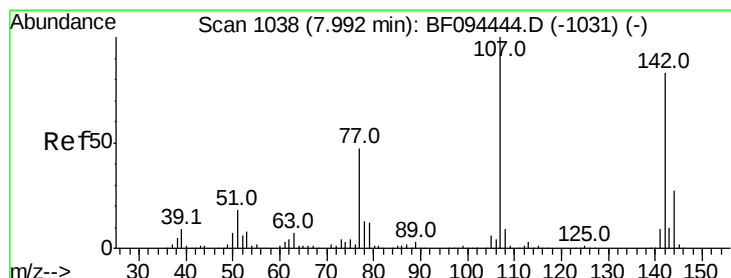
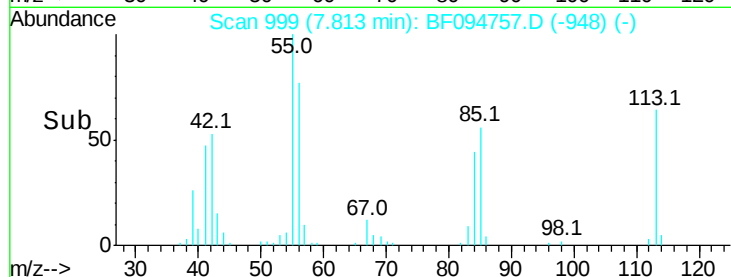
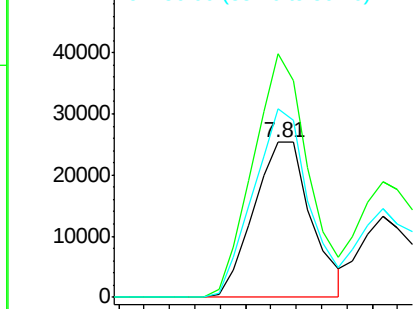
#35
 Caprolactam
 Concen: 24.94 ng
 RT: 7.81 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF094757.D
 Acq: 1 May 2017 19:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 40145
 Ion Ratio Lower Upper
 113 100
 55 157.3 150.2 190.2
 56 121.8 107.8 147.8

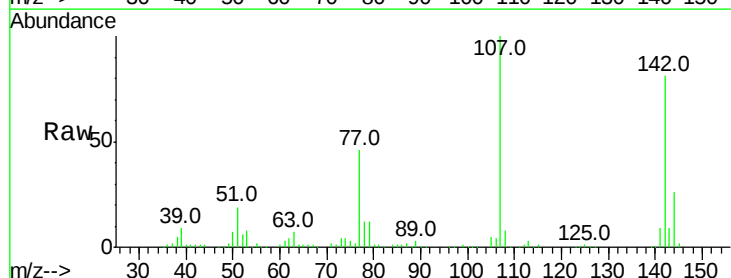


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

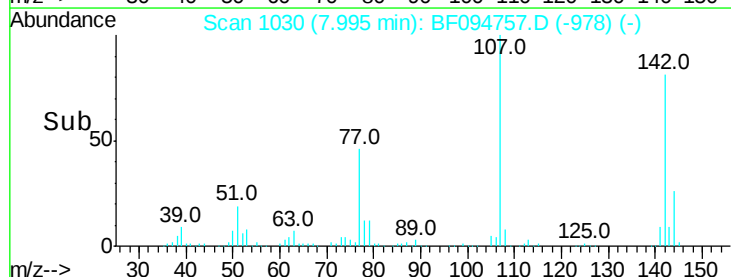
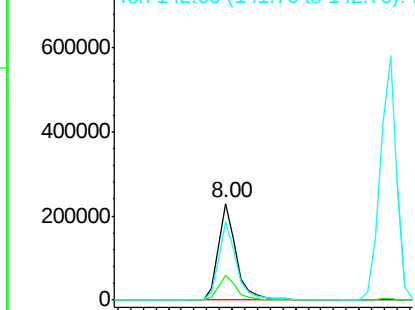


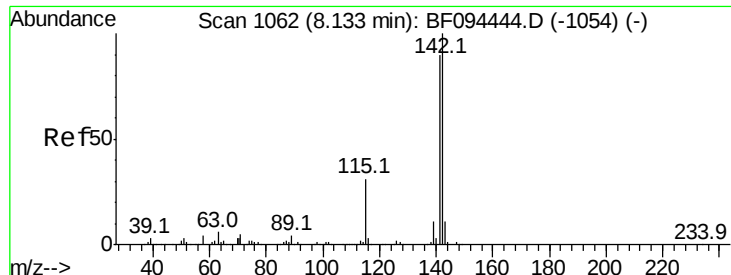
#36
 4-Chloro-3-methylphenol
 Concen: 43.06 ng
 RT: 8.00 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF094757.D
 Acq: 1 May 2017 19:05

Tgt Ion:107 Resp: 231260
 Ion Ratio Lower Upper
 107 100
 144 25.8 24.2 36.4
 142 80.7 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

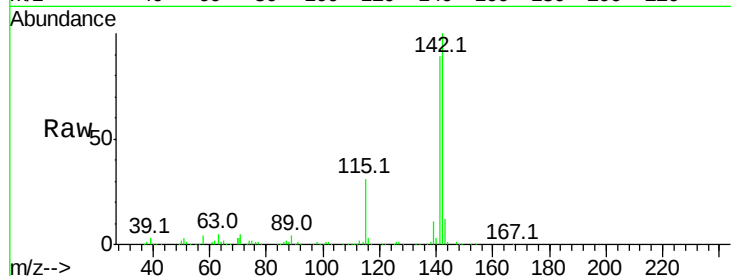




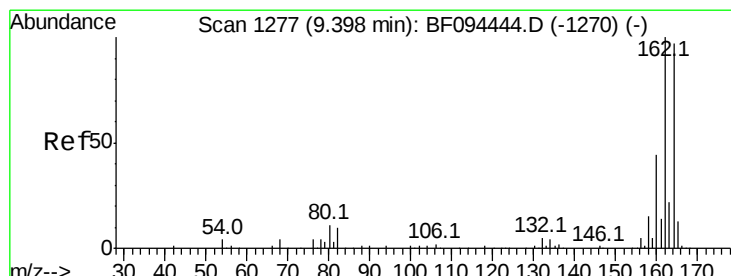
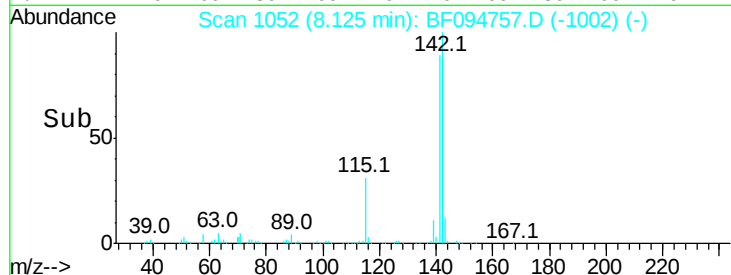
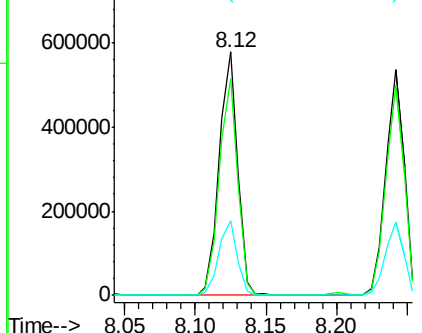
#37
 2-Methylnaphthalene
 Concen: 43.17 ng
 RT: 8.12 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF094757.D
 Acq: 1 May 2017 19:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.3	106.9
115	30.8	27.1	40.7

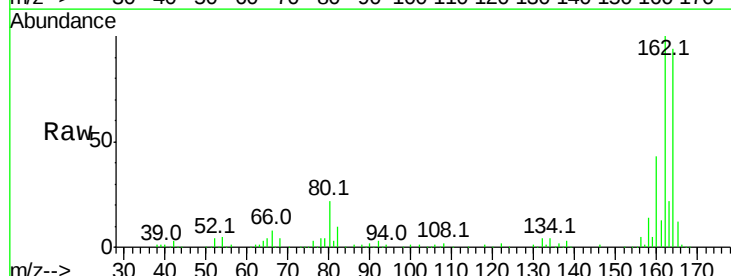


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

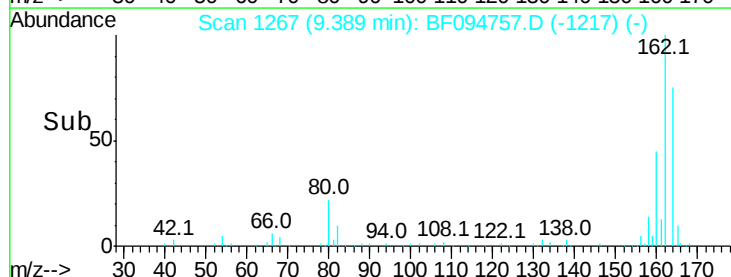
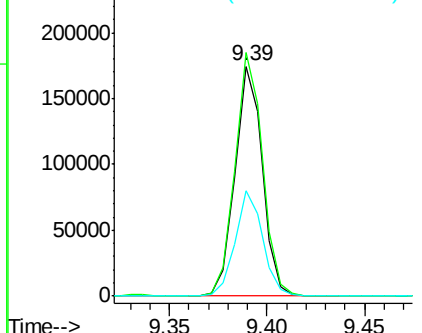


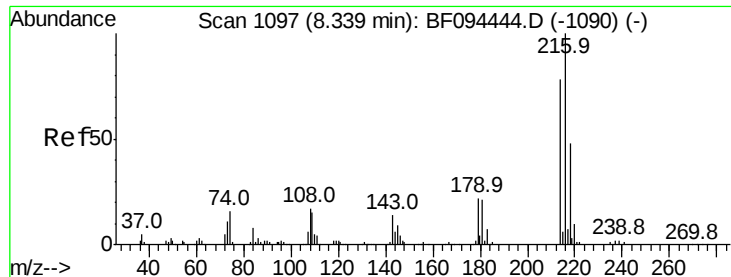
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094757.D
 Acq: 1 May 2017 19:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	82.6	123.8
160	46.0	36.2	54.2



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

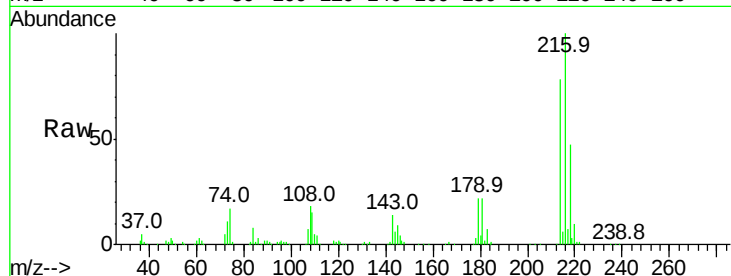




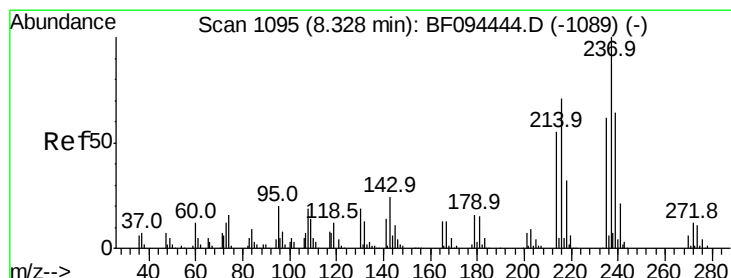
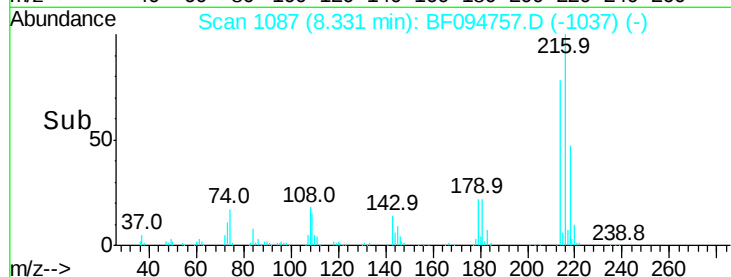
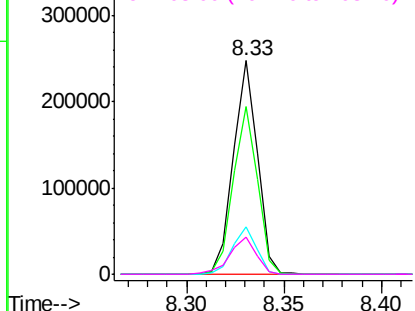
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.12 ng
 RT: 8.33 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF094757.D
 Acq: 1 May 2017 19:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	211600
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.4	95.2
179	22.0	17.9	26.9
108	19.3	16.5	24.7

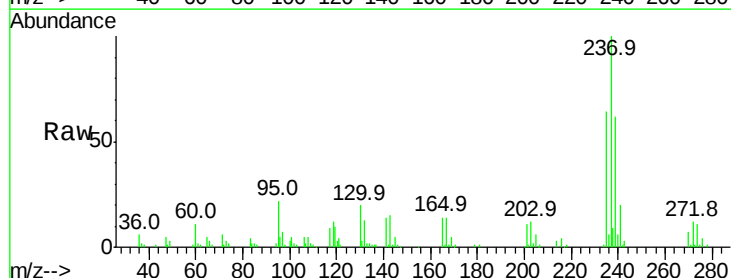


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

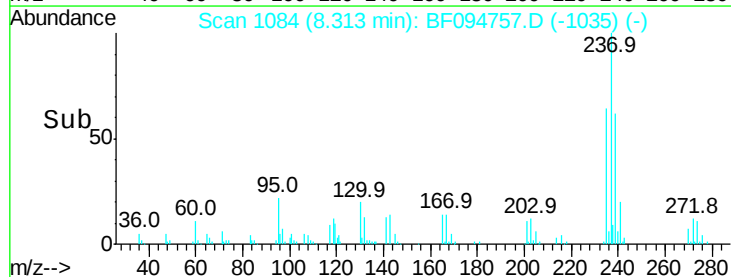
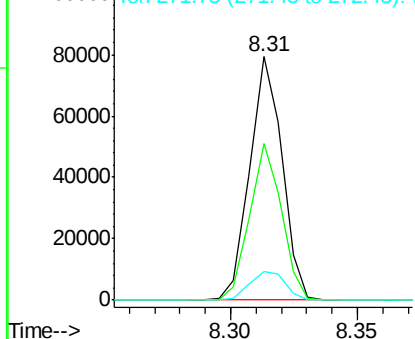


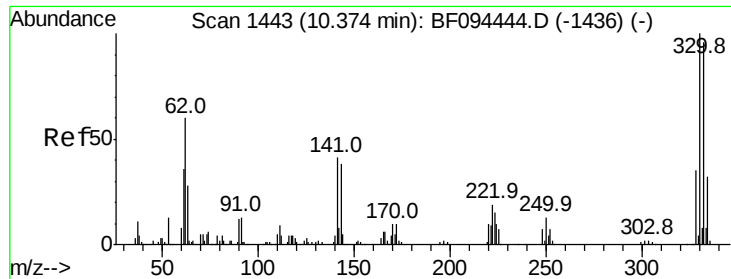
#40
 Hexachlorocyclopentadiene
 Concen: 36.50 ng
 RT: 8.31 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BF094757.D
 Acq: 1 May 2017 19:05

Tgt Ion:	237	Resp:	70802
Ion	Ratio	Lower	Upper
237	100		
235	64.1	42.6	82.6
272	12.0	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

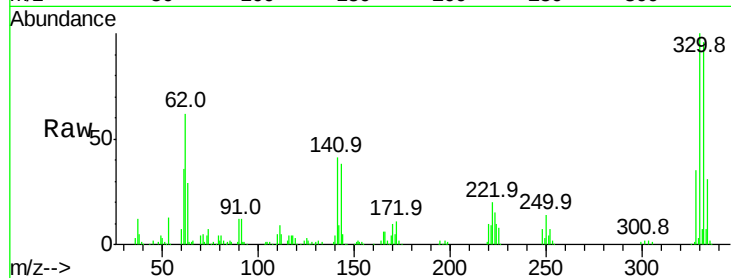




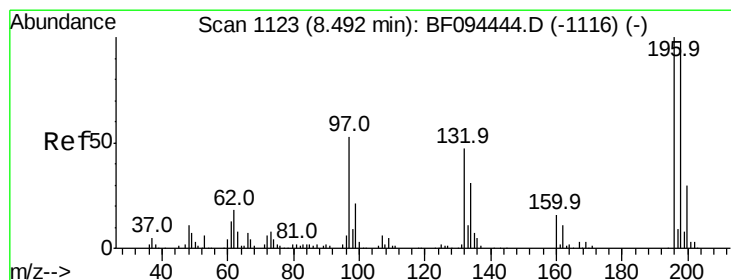
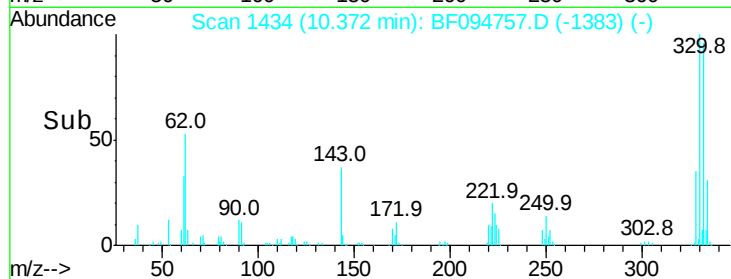
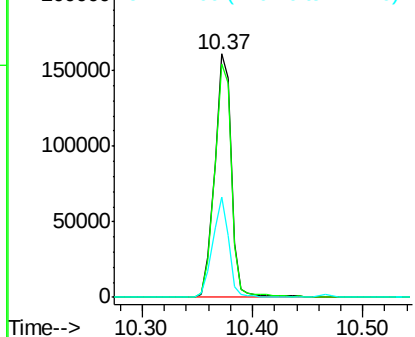
#41
 2,4,6-Tribromophenol
 Concen: 128.58 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094757.D
 Acq: 1 May 2017 19:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 169372
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 38.8 31.4 47.2

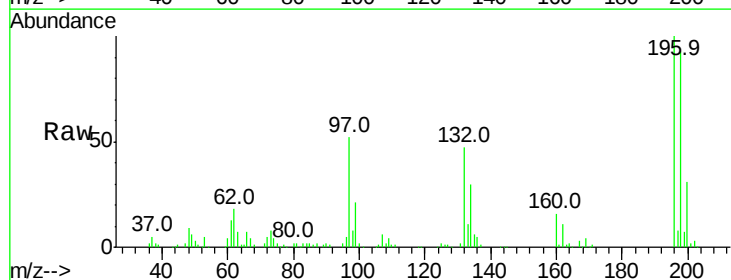


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

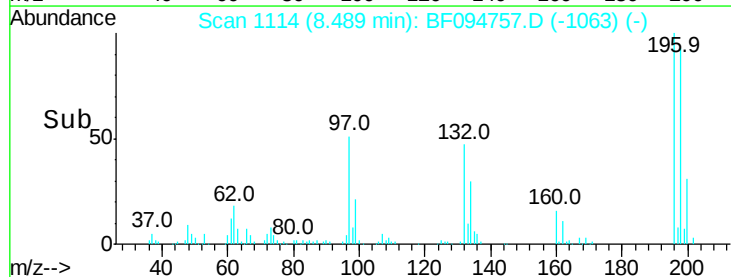
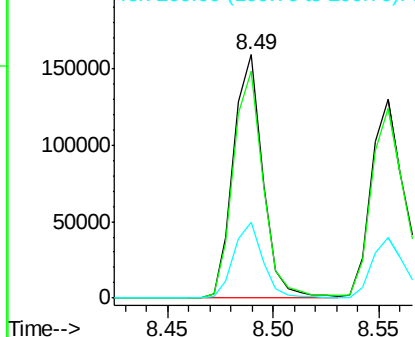


#42
 2,4,6-Trichlorophenol
 Concen: 45.69 ng
 RT: 8.49 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF094757.D
 Acq: 1 May 2017 19:05

Tgt Ion:196 Resp: 153866
 Ion Ratio Lower Upper
 196 100
 198 93.0 74.2 111.4
 200 31.3 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

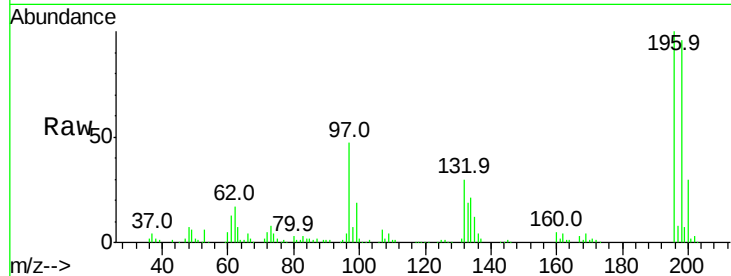




#43
 2,4,5-Trichlorophenol
 Concen: 45.04 ng
 RT: 8.55 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF094757.D
 Acq: 1 May 2017 19:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.7	113.5
97	47.5	47.7	71.5#
132	30.0	28.0	42.0



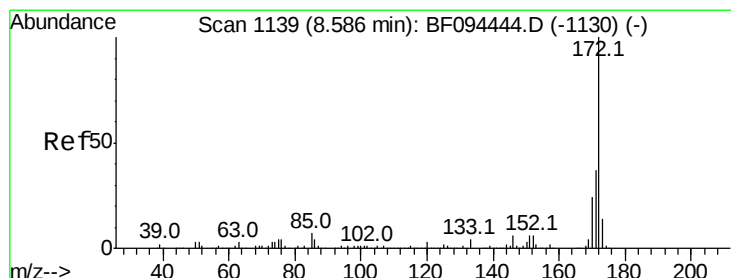
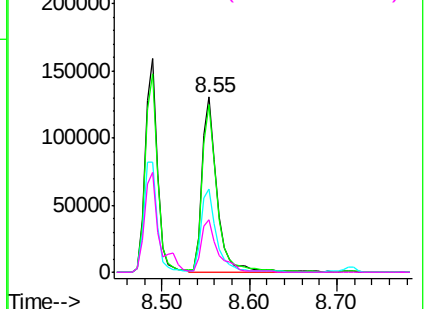
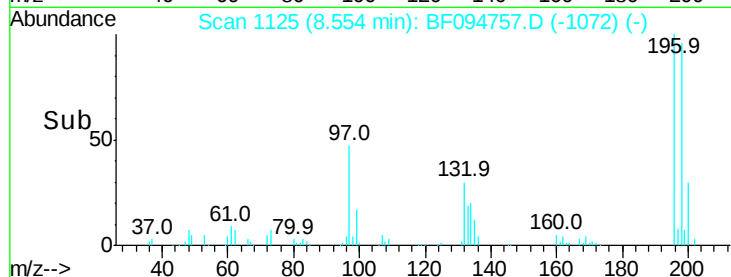
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

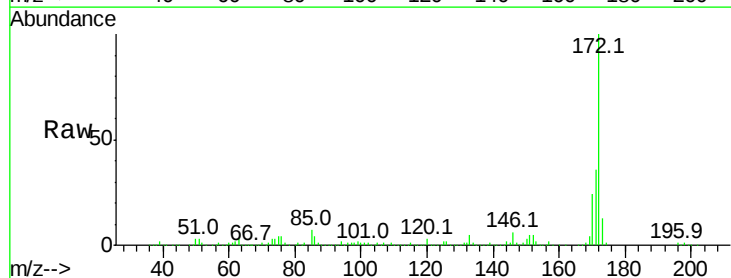
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.18 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094757.D
 Acq: 1 May 2017 19:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.9	19.8	29.8

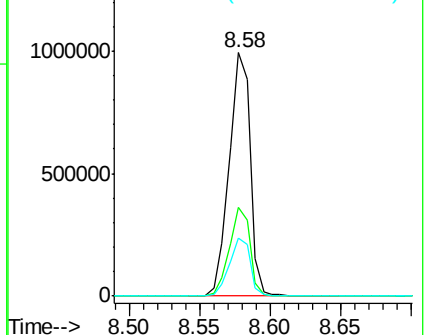
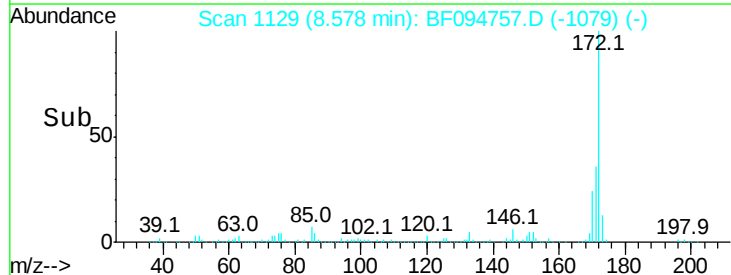


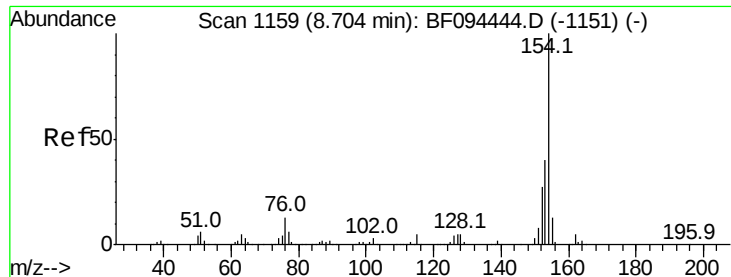
Abundance

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

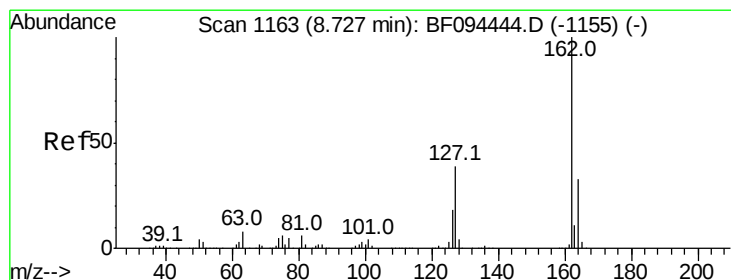
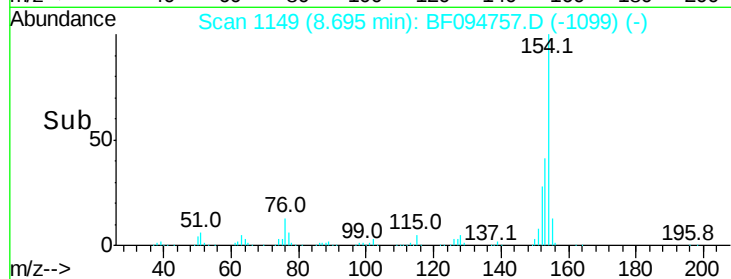
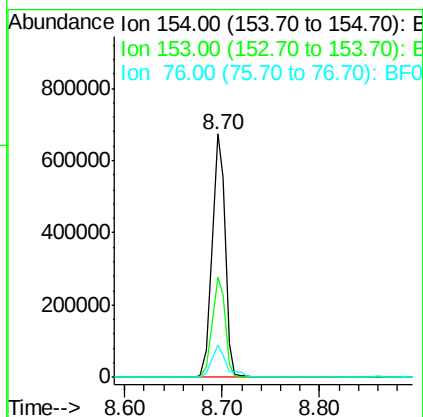
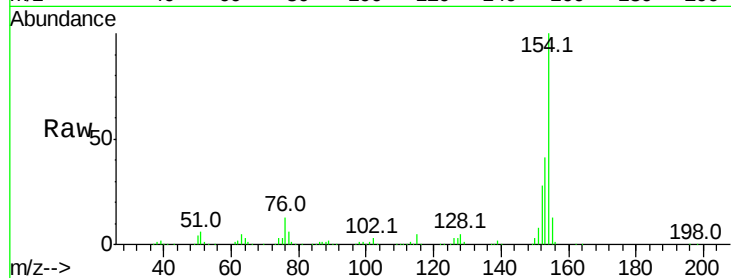




#45
 1,1'-Biphenyl
 Concen: 45.20 ng
 RT: 8.70 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF094757.D
 Acq: 1 May 2017 19:05

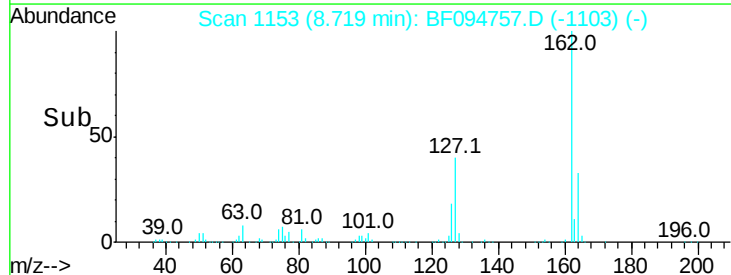
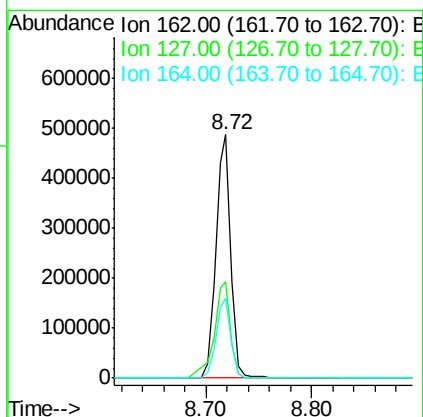
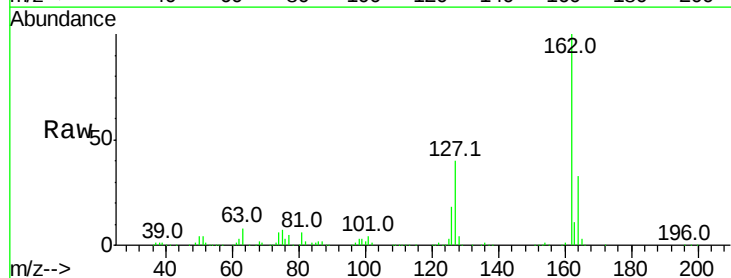
Instrument :
 BNA_F
 ClientSampleId :

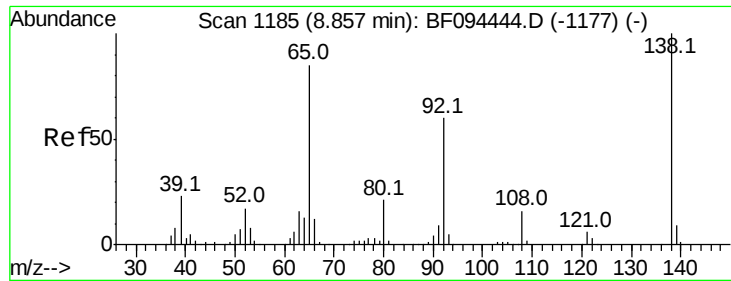
Tot Ion:154 Resp: 621918
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.2 61.2
 76 13.5 0.0 29.9



#46
 2-Chloronaphthalene
 Concen: 44.26 ng
 RT: 8.72 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF094757.D
 Acq: 1 May 2017 19:05

Tgt Ion:162 Resp: 484212
 Ion Ratio Lower Upper
 162 100
 127 39.8 28.3 42.5
 164 33.0 27.0 40.4

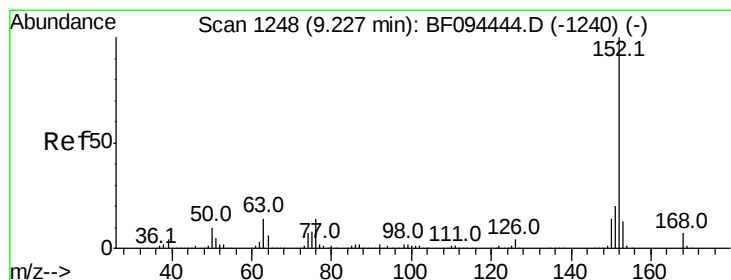
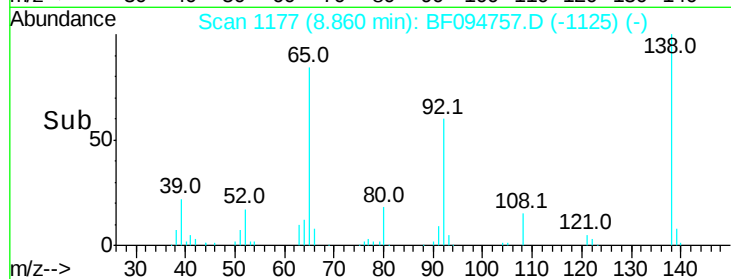
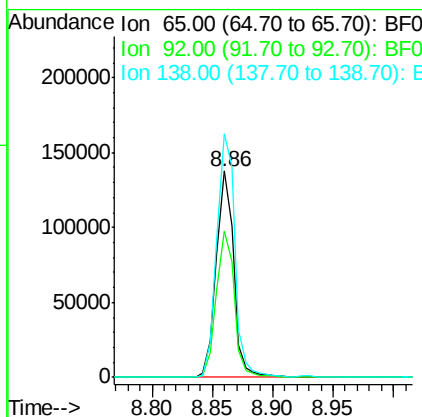
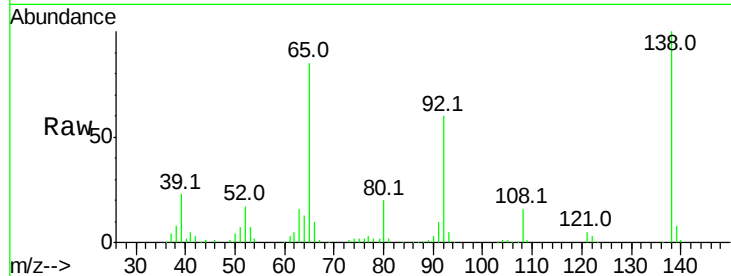




#47
 2-Nitroaniline
 Concen: 43.52 ng
 RT: 8.86 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF094757.D
 Acq: 1 May 2017 19:05

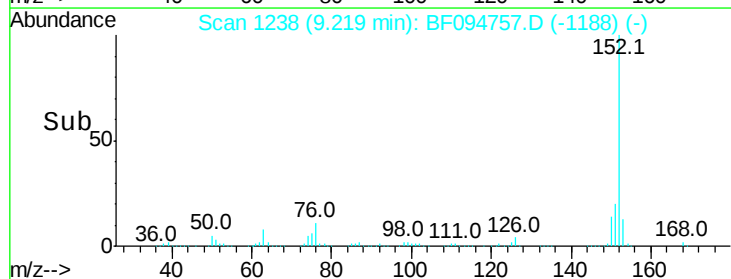
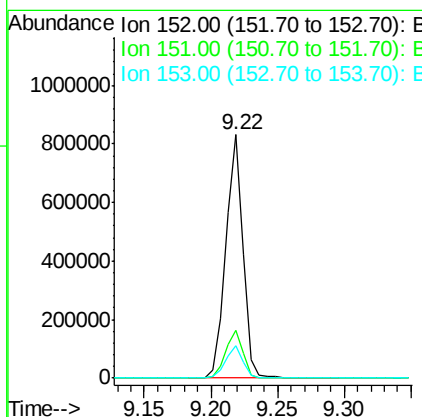
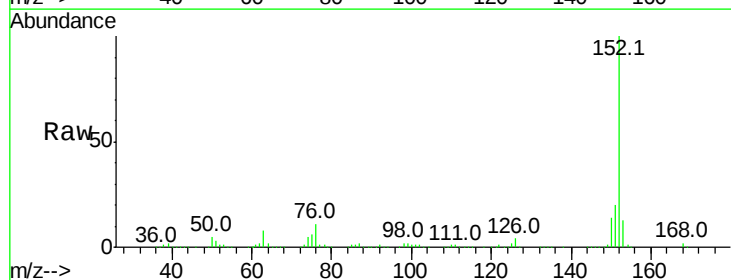
Instrument :
 BNA_F
 ClientSampleId :

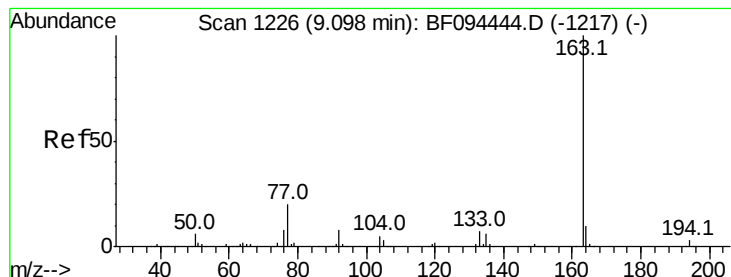
Tot Ion: 65 Resp: 136954
 Ion Ratio Lower Upper
 65 100
 92 71.1 53.9 80.9
 138 118.0 78.8 118.2



#48
 Acenaphthylene
 Concen: 44.44 ng
 RT: 9.22 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF094757.D
 Acq: 1 May 2017 19:05

Tgt Ion:152 Resp: 757993
 Ion Ratio Lower Upper
 152 100
 151 19.8 16.8 25.2
 153 13.3 10.8 16.2





#49

Dimethylphthalate

Concen: 47.37 ng

RT: 9.09 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF094757.D

Acq: 1 May 2017 19:05

Instrument :

BNA_F

ClientSampleId :

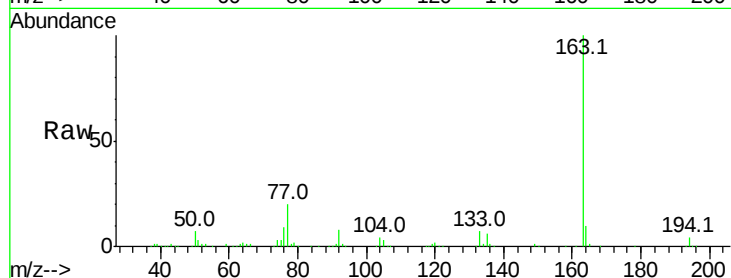
Tot Ion:163 Resp: 594519

Ion Ratio Lower Upper

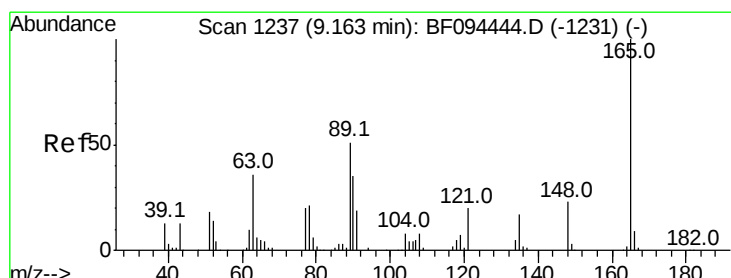
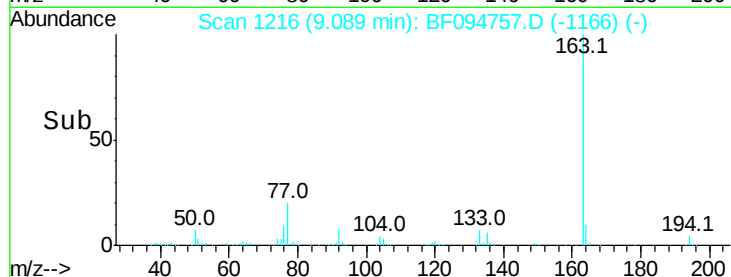
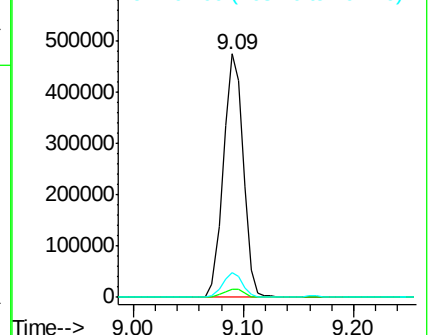
163 100

194 3.6 2.6 4.0

164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.27 ng

RT: 9.17 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF094757.D

Acq: 1 May 2017 19:05

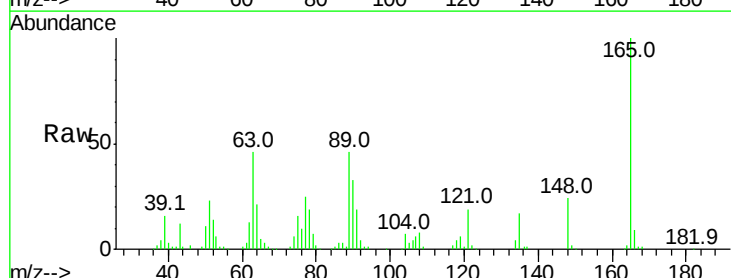
Tgt Ion:165 Resp: 127535

Ion Ratio Lower Upper

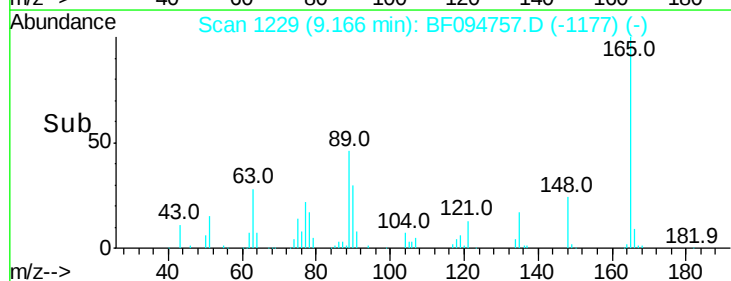
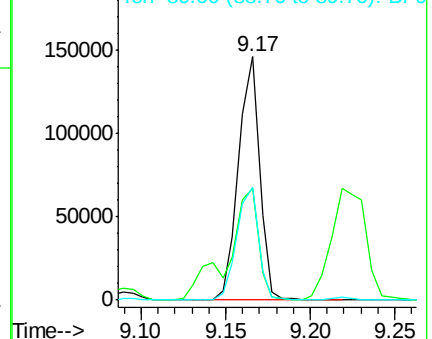
165 100

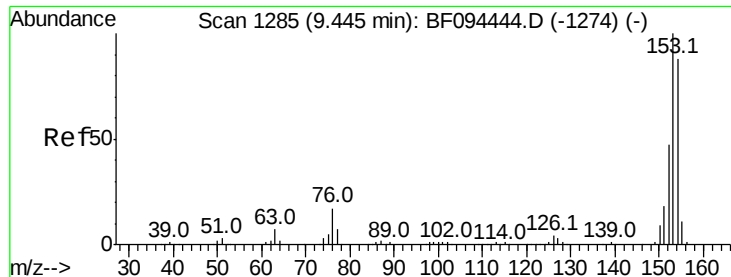
63 45.9 34.3 51.5

89 46.3 37.1 55.7



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.92 ng

RT: 9.43 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF094757.D

Acq: 1 May 2017 19:05

Instrument :

BNA_F

ClientSampleId :

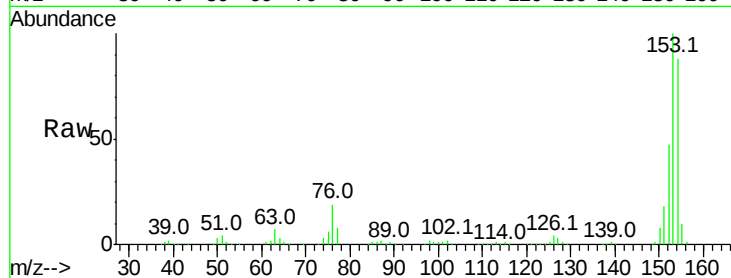
Tot Ion:154 Resp: 438474

Ion Ratio Lower Upper

154 100

153 114.0 90.5 135.7

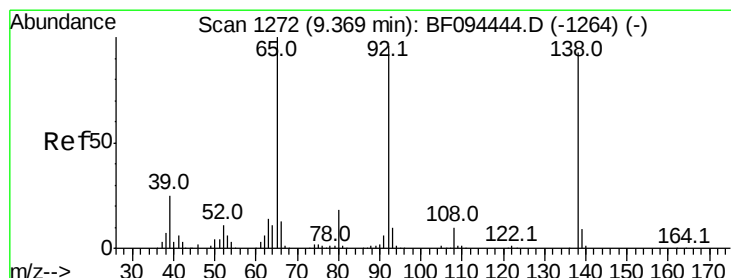
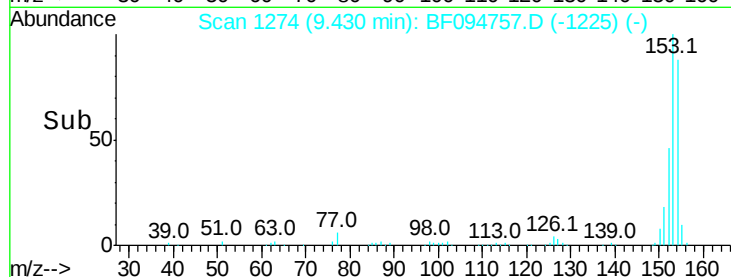
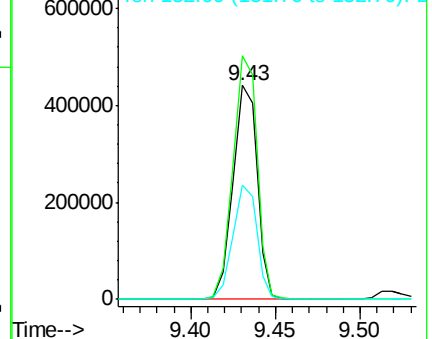
152 53.3 43.6 65.4



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: 22.67 ng

RT: 9.37 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BF094757.D

Acq: 1 May 2017 19:05

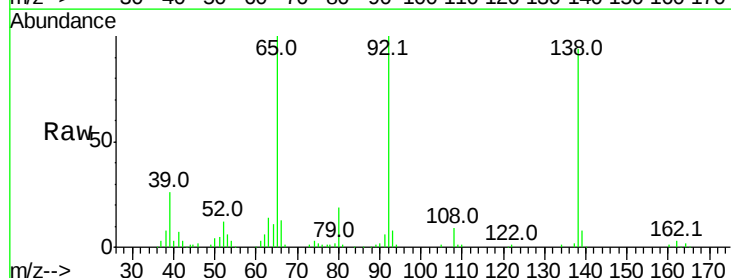
Tgt Ion:138 Resp: 73888

Ion Ratio Lower Upper

138 100

108 10.0 9.1 13.7

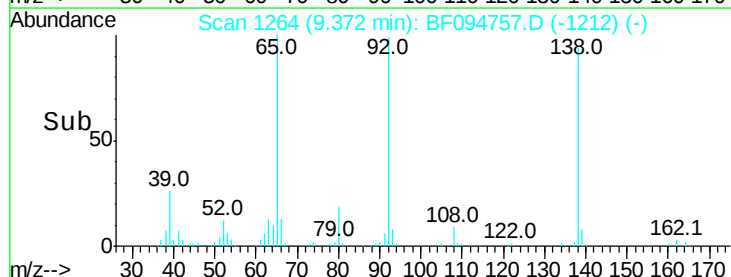
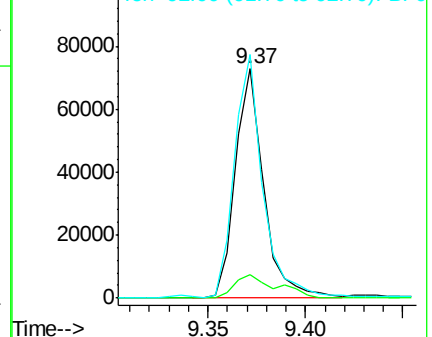
92 106.1 93.8 140.6

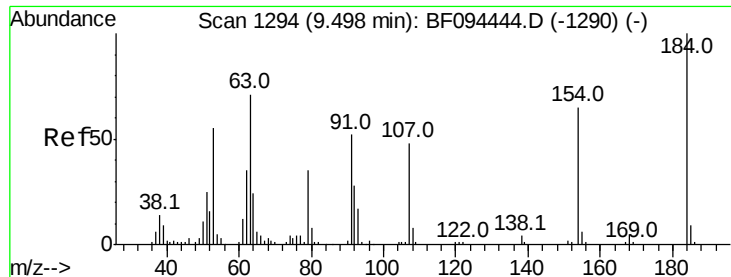


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

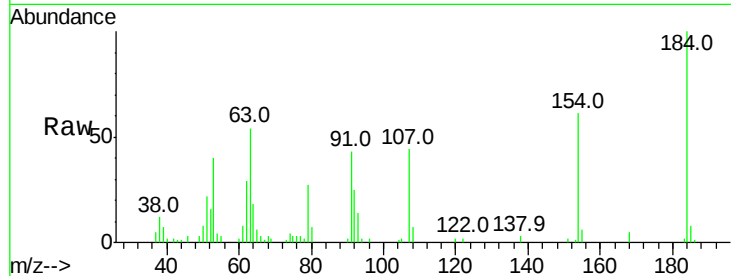




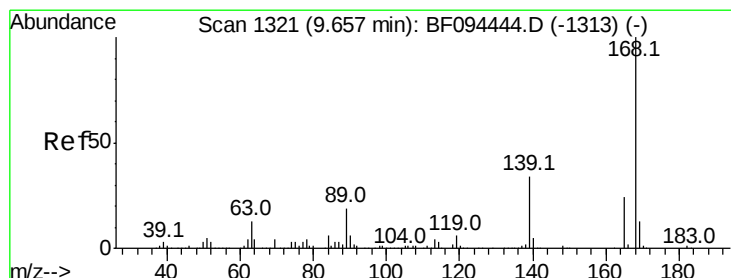
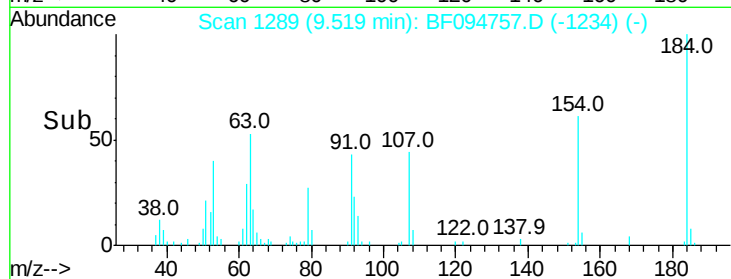
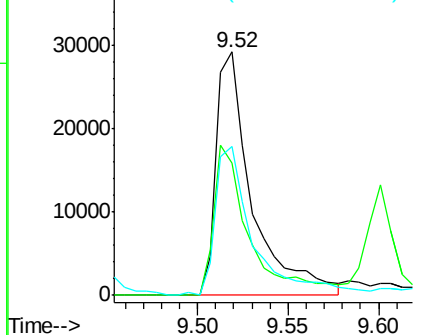
#53
 2,4-Dinitrophenol
 Concen: 30.22 ng
 RT: 9.52 min Scan# 1289
 Delta R.T. 0.02 min
 Lab File: BF094757.D
 Acq: 1 May 2017 19:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 40292
 Ion Ratio Lower Upper
 184 100
 63 54.4 62.7 94.1#
 154 61.1 81.1 121.7#

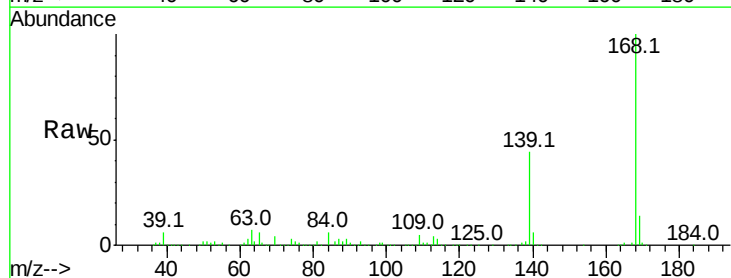


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

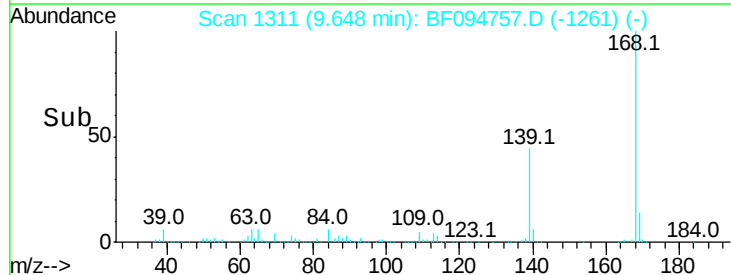
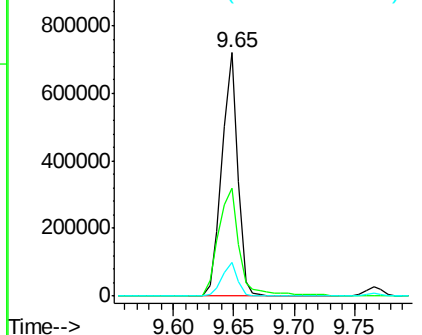


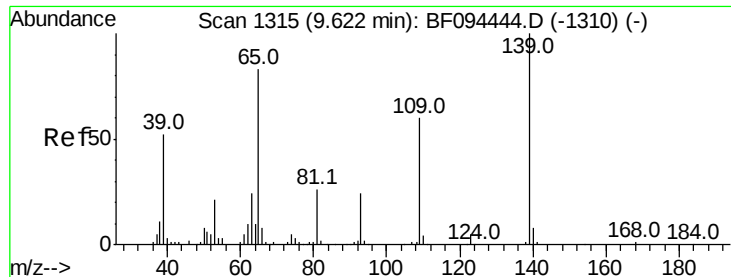
#54
 Dibenzofuran
 Concen: 43.87 ng
 RT: 9.65 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF094757.D
 Acq: 1 May 2017 19:05

Tgt Ion:168 Resp: 651352
 Ion Ratio Lower Upper
 168 100
 139 44.3 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

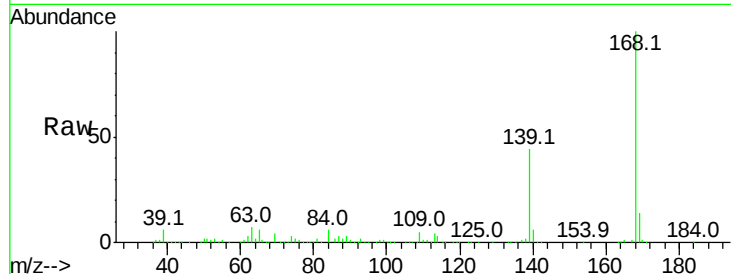




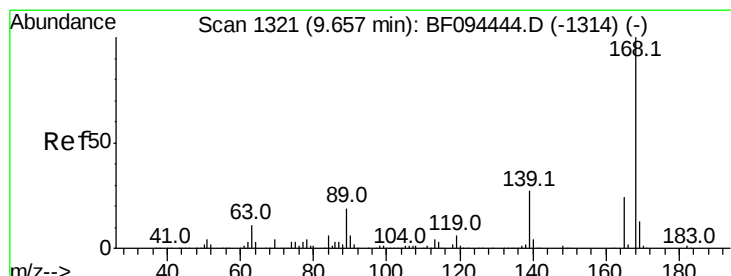
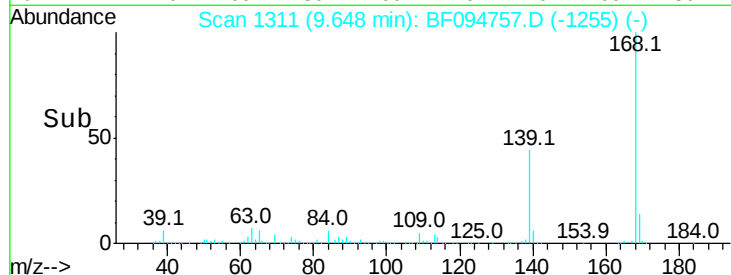
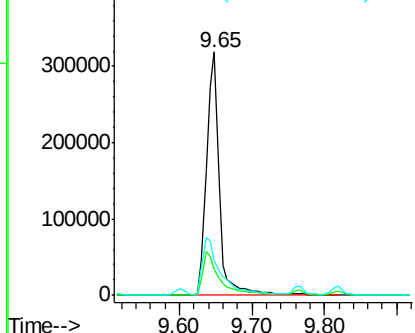
#55
4-Nitrophenol
Concen: 171.60 ng
RT: 9.65 min Scan# 1311
Delta R.T. 0.03 min
Lab File: BF094757.D
Acq: 1 May 2017 19:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 395113
Ion Ratio Lower Upper
139 100
109 10.6 34.1 74.1#
65 14.4 31.4 71.4#

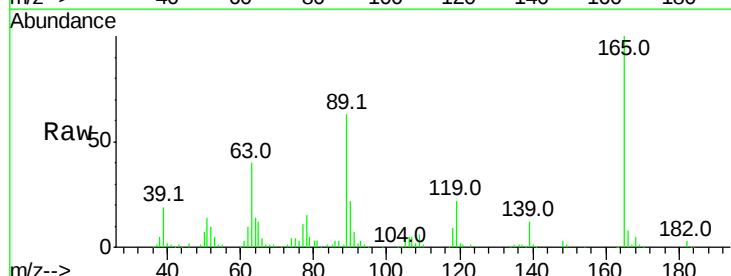


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

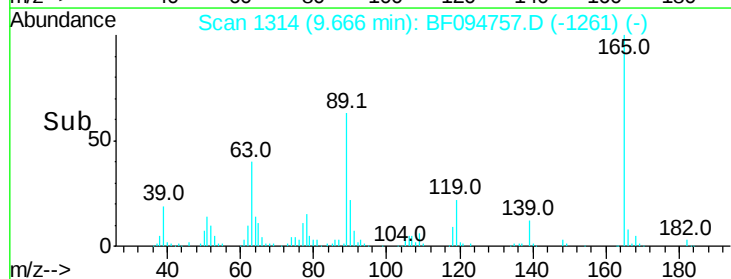
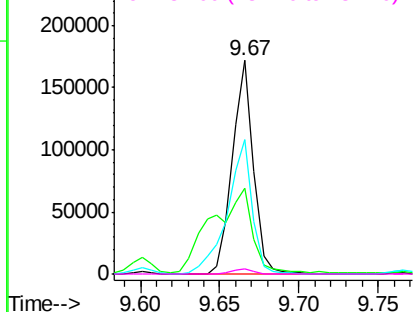


#56
2,4-Dinitrotoluene
Concen: 45.67 ng
RT: 9.67 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF094757.D
Acq: 1 May 2017 19:05

Tgt Ion:165 Resp: 157852
Ion Ratio Lower Upper
165 100
63 39.9 25.4 38.0#
89 62.7 46.4 69.6
182 2.7 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

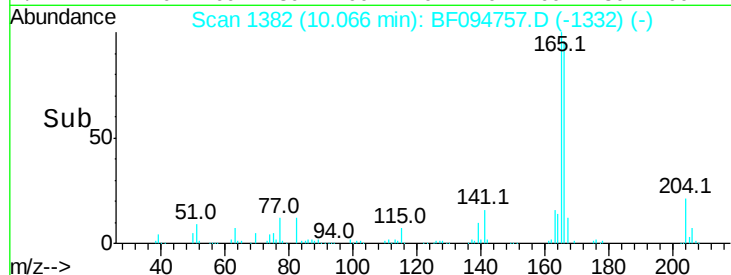
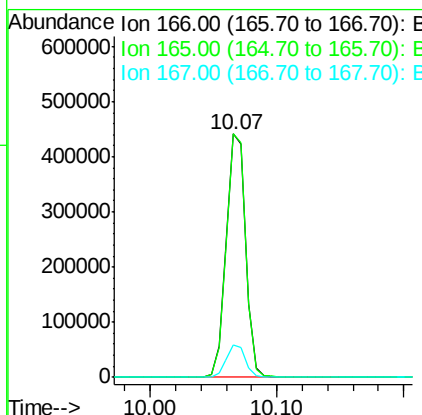
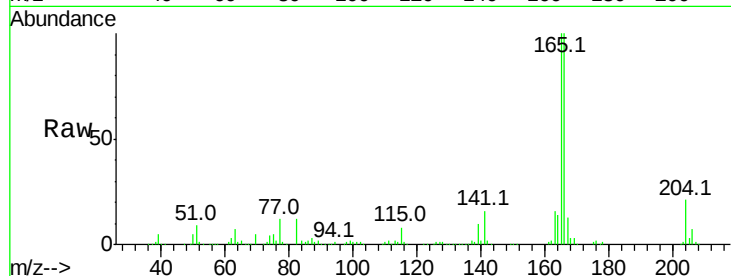




#57
 Fluorene
 Concen: 40.11 ng
 RT: 10.07 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF094757.D
 Acq: 1 May 2017 19:05

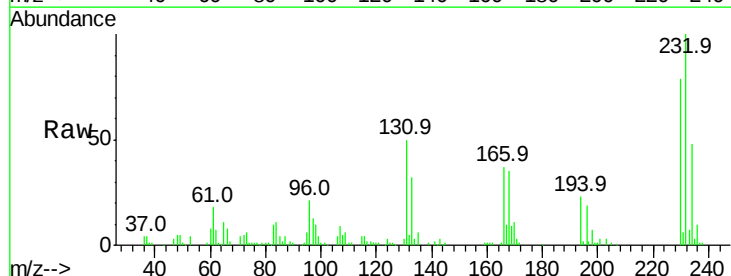
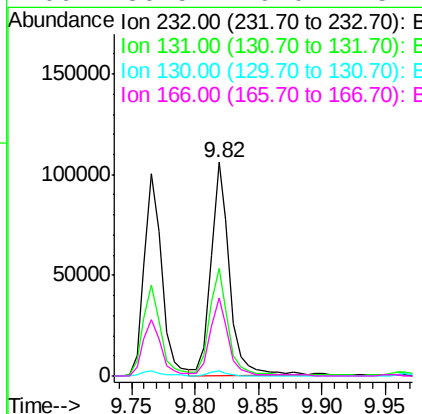
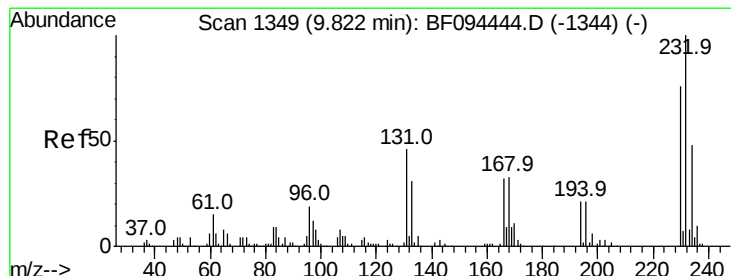
Instrument :
 BNA_F
 ClientSampleId :

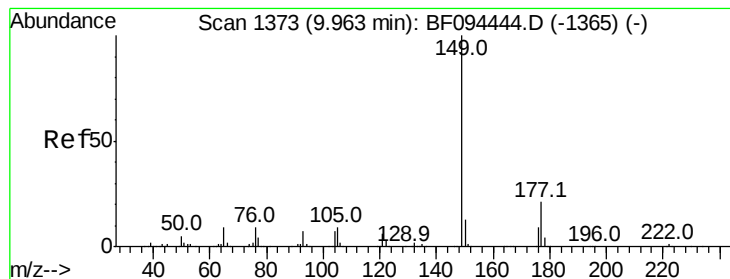
Tot Ion:166 Resp: 463782
 Ion Ratio Lower Upper
 166 100
 165 100.0 78.8 118.2
 167 13.1 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.36 ng
 RT: 9.82 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF094757.D
 Acq: 1 May 2017 19:05

Tgt Ion:232 Resp: 109970
 Ion Ratio Lower Upper
 232 100
 131 51.7 44.8 67.2
 130 2.4 2.3 3.5
 166 36.5 29.0 43.4





#59

Diethylphthalate

Concen: 46.12 ng

RT: 9.96 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BF094757.D

Acq: 1 May 2017 19:05

Instrument :

BNA_F

ClientSampleId :

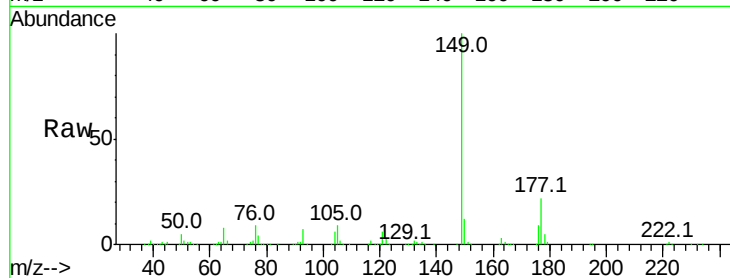
Tot Ion:149 Resp: 546148

Ion Ratio Lower Upper

149 100

177 22.2 16.7 25.1

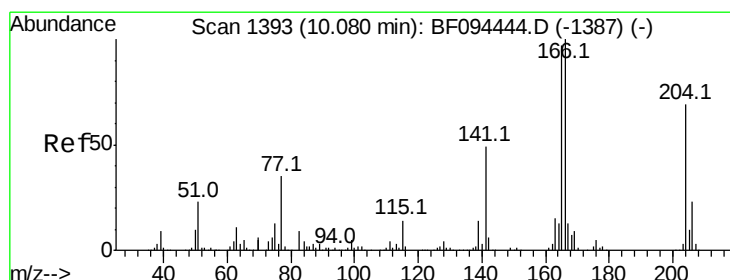
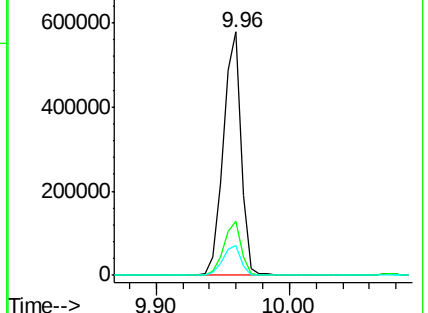
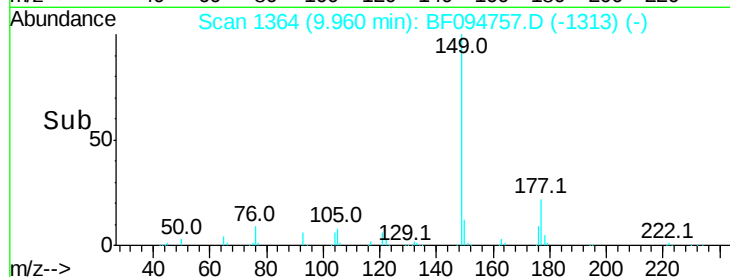
150 12.5 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.74 ng

RT: 10.08 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BF094757.D

Acq: 1 May 2017 19:05

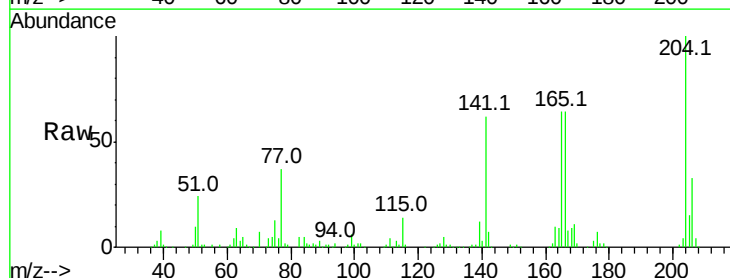
Tgt Ion:204 Resp: 210443

Ion Ratio Lower Upper

204 100

206 33.3 26.2 39.2

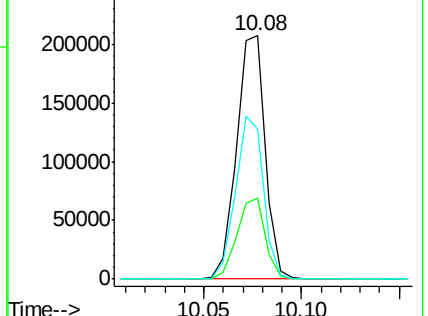
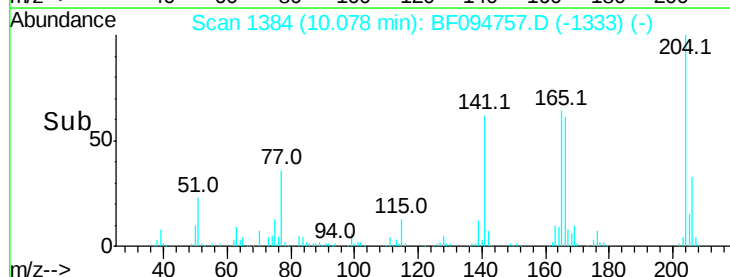
141 61.7 60.8 91.2

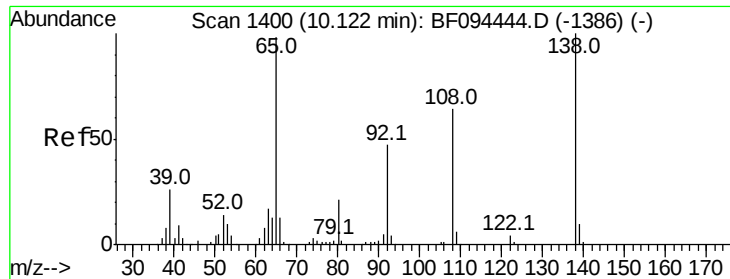


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

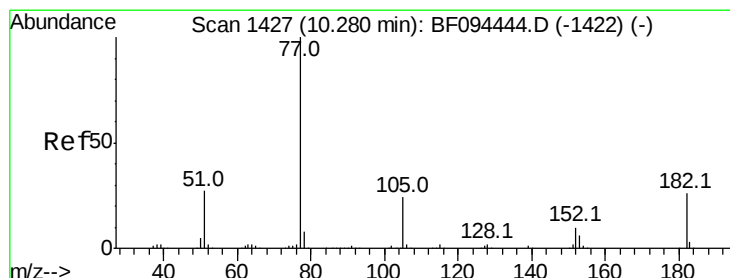
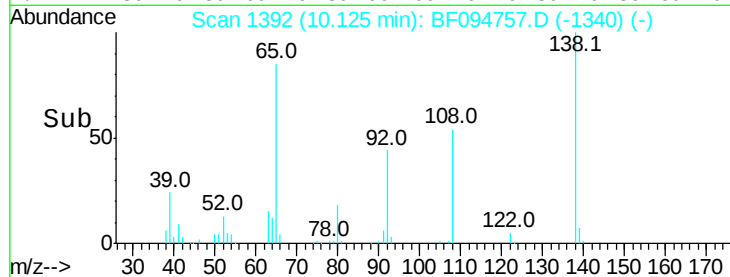
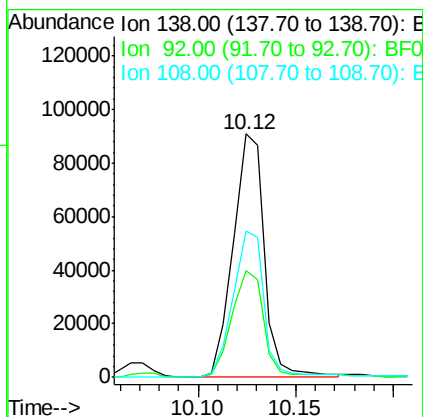
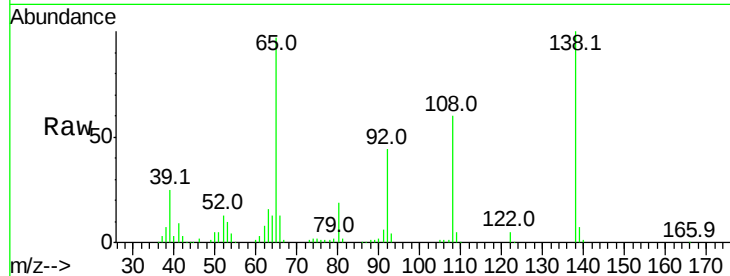




#61
 4-Nitroaniline
 Concen: 30.45 ng
 RT: 10.12 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF094757.D
 Acq: 1 May 2017 19:05

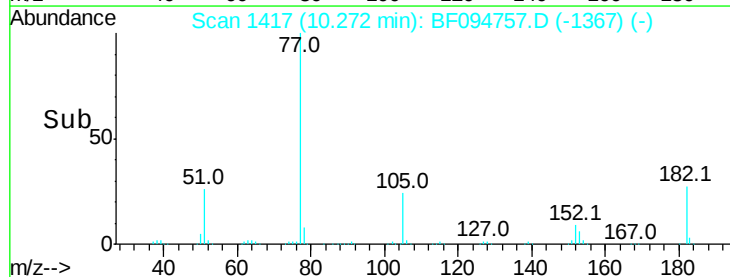
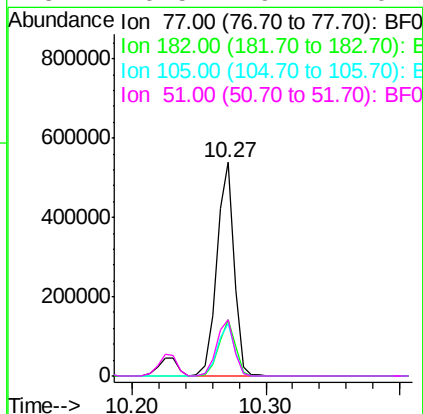
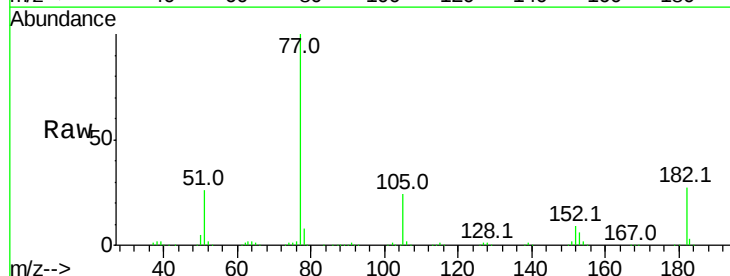
Instrument :
 BNA_F
 ClientSampled :

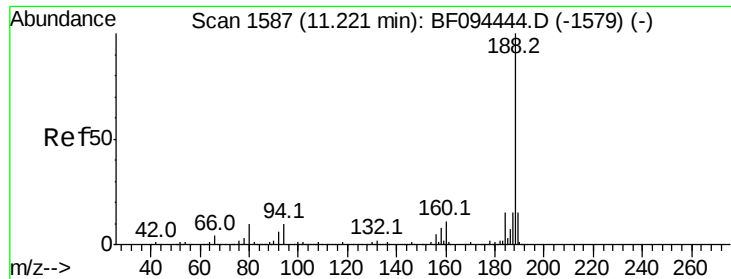
Tot Ion:138 Resp: 100899
 Ion Ratio Lower Upper
 138 100
 92 44.0 21.8 61.8
 108 60.3 42.3 82.3



#62
 Azobenzene
 Concen: 42.61 ng
 RT: 10.27 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF094757.D
 Acq: 1 May 2017 19:05

Tgt Ion: 77 Resp: 489960
 Ion Ratio Lower Upper
 77 100
 182 26.7 0.1 40.1
 105 24.4 3.6 43.6
 51 26.5 9.4 49.4

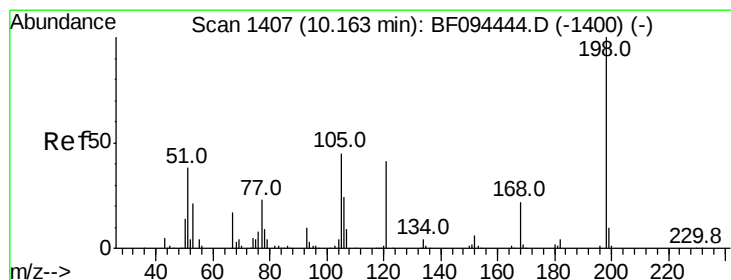
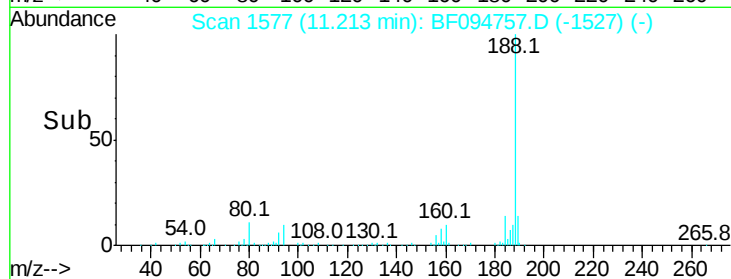
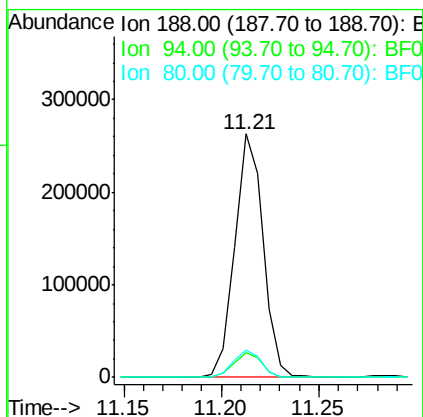
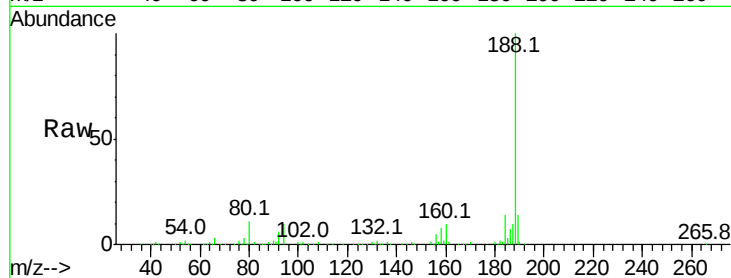




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094757.D
Acq: 1 May 2017 19:05

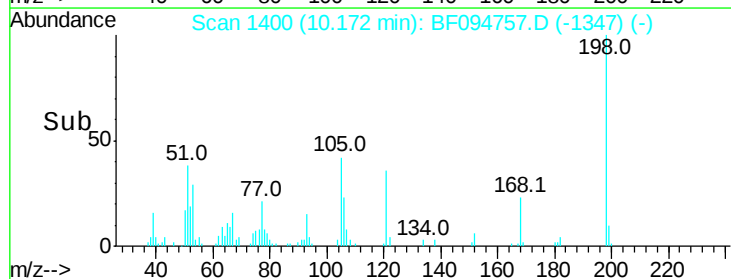
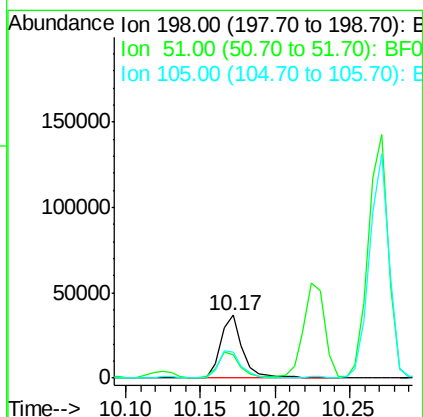
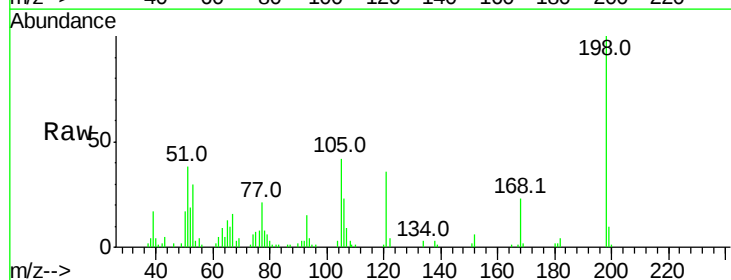
Instrument :
BNA_F
ClientSampleId :

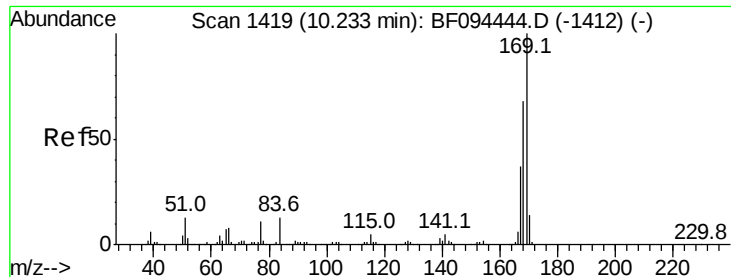
Tot Ion:188 Resp: 264426
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 11.1 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 22.15 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF094757.D
Acq: 1 May 2017 19:05

Tgt Ion:198 Resp: 38383
Ion Ratio Lower Upper
198 100
51 38.3 53.2 93.2#
105 42.0 45.8 85.8#

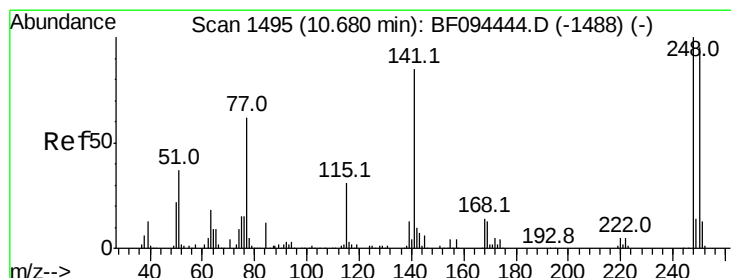
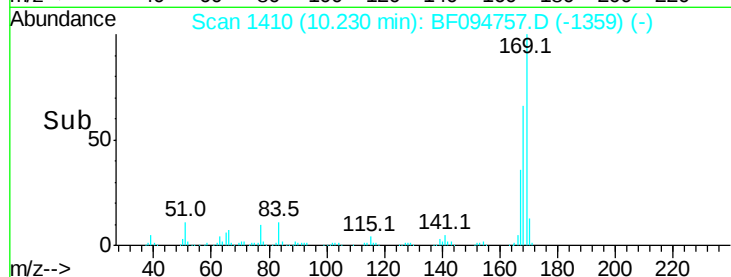
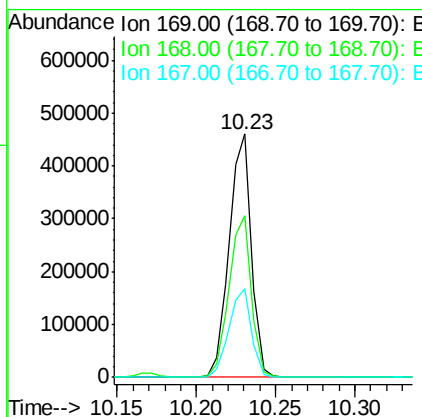
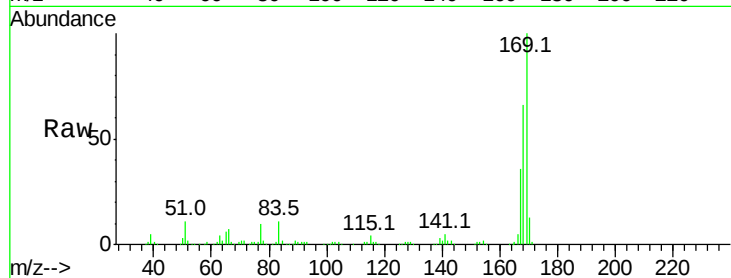




#65
n-Nitrosodiphenylamine
Concen: 48.61 ng
RT: 10.23 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF094757.D
Acq: 1 May 2017 19:05

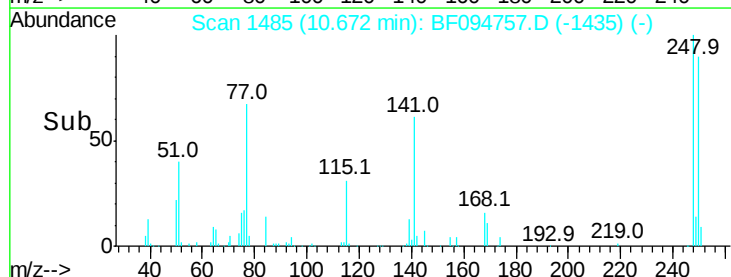
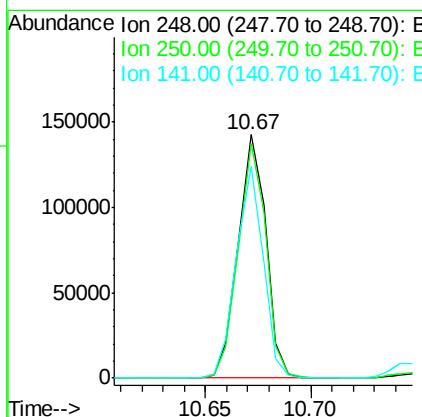
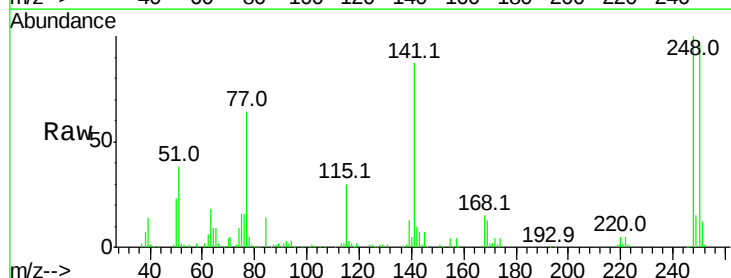
Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 447010
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 36.2 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 49.77 ng
RT: 10.67 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF094757.D
Acq: 1 May 2017 19:05

Tgt Ion:248 Resp: 130668
Ion Ratio Lower Upper
248 100
250 96.2 76.8 115.2
141 86.7 68.6 103.0

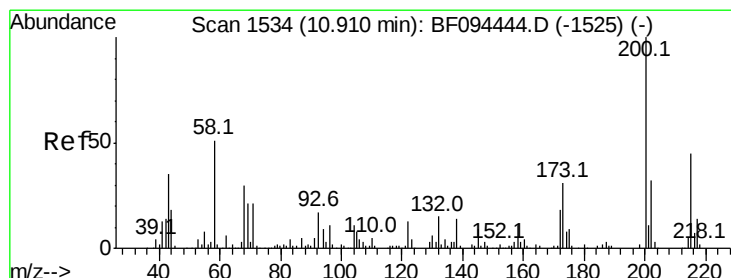
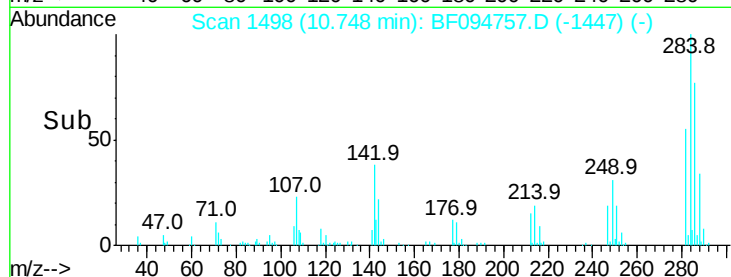
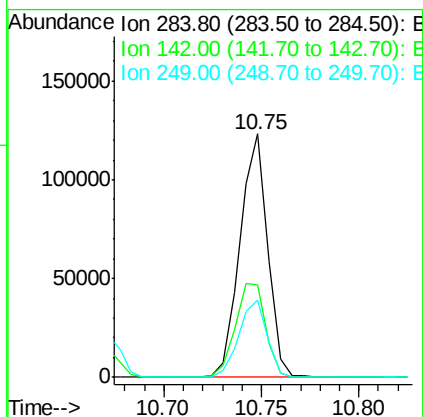
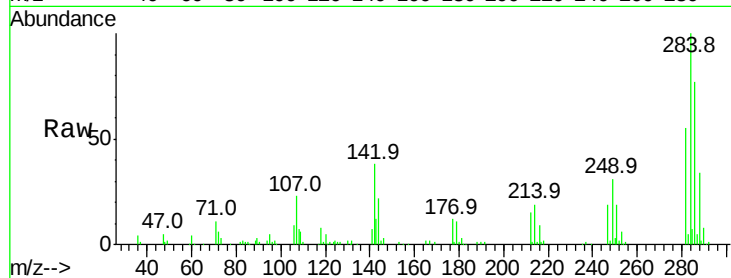




#67
Hexachlorobenzene
Concen: 45.54 ng
RT: 10.75 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BF094757.D
Acq: 1 May 2017 19:05

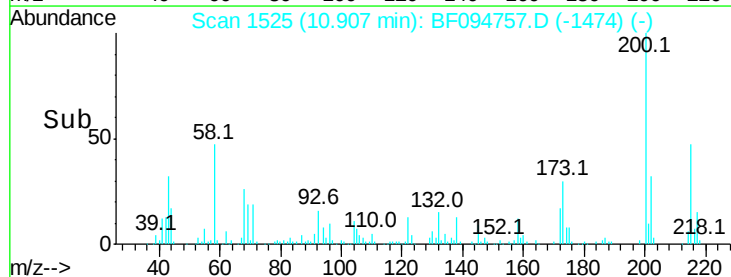
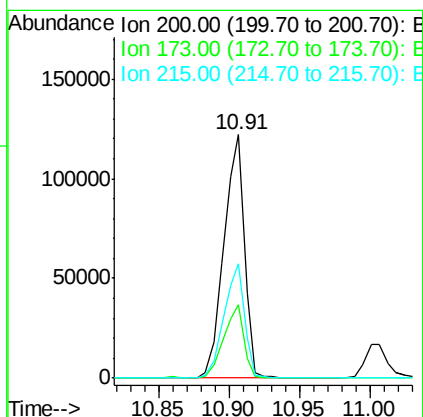
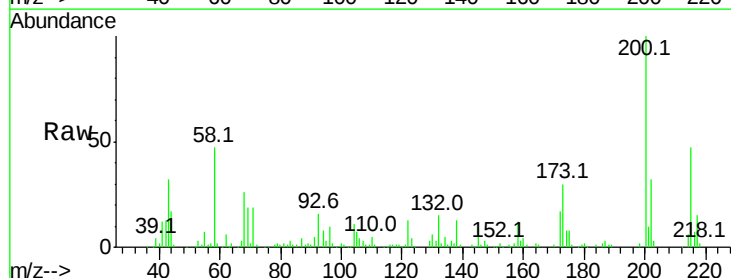
Instrument :
BNA_F
ClientSampleId :

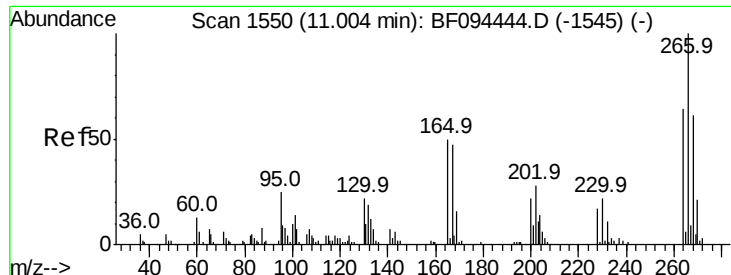
Tot Ion:284 Resp: 120511
Ion Ratio Lower Upper
284 100
142 38.0 22.8 34.2#
249 31.5 24.0 36.0



#68
Atrazine
Concen: 45.24 ng
RT: 10.91 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BF094757.D
Acq: 1 May 2017 19:05

Tgt Ion:200 Resp: 124450
Ion Ratio Lower Upper
200 100
173 30.0 6.3 46.3
215 47.1 27.2 67.2

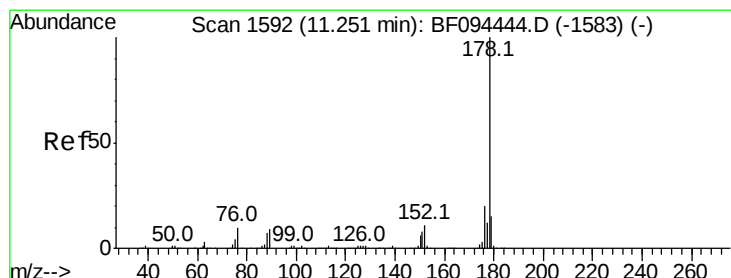
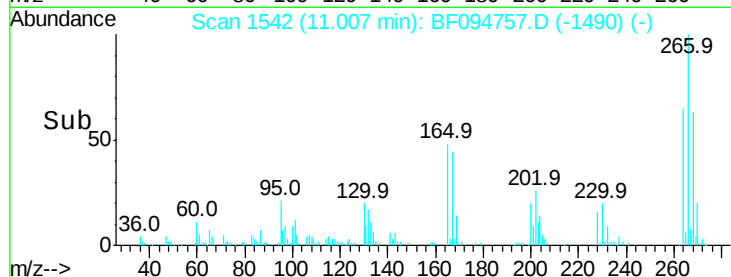
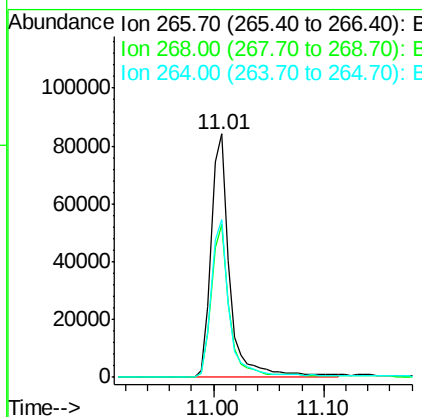
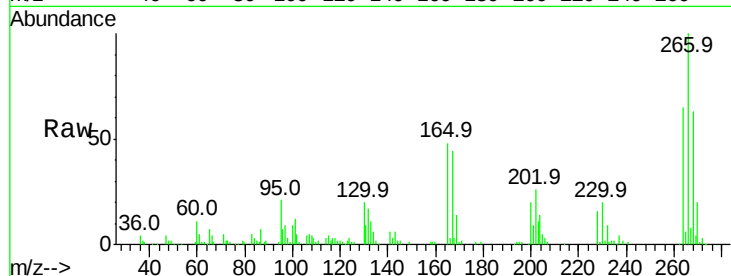




#69
 Pentachlorophenol
 Concen: 92.91 ng
 RT: 11.01 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BF094757.D
 Acq: 1 May 2017 19:05

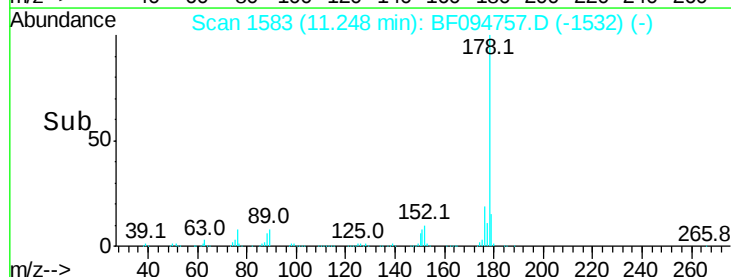
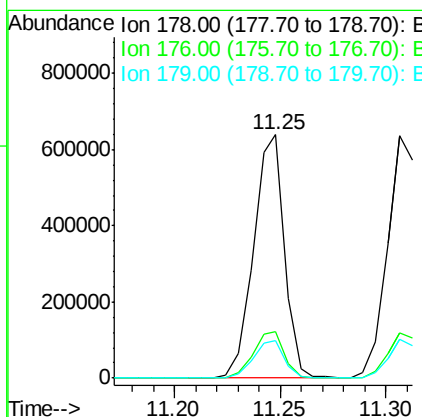
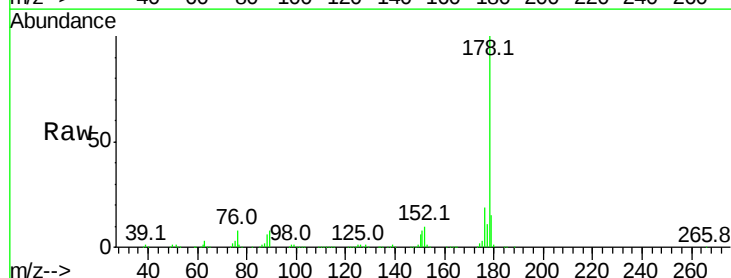
Instrument :
 BNA_F
 ClientSampled :

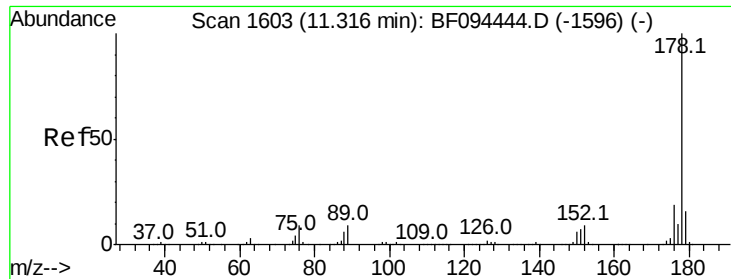
Tot Ion:266 Resp: 97620
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.1 76.7
 264 64.8 51.7 77.5



#70
 Phenanthrene
 Concen: 43.42 ng
 RT: 11.25 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF094757.D
 Acq: 1 May 2017 19:05

Tgt Ion:178 Resp: 646582
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.2 24.4
 179 15.3 12.6 19.0

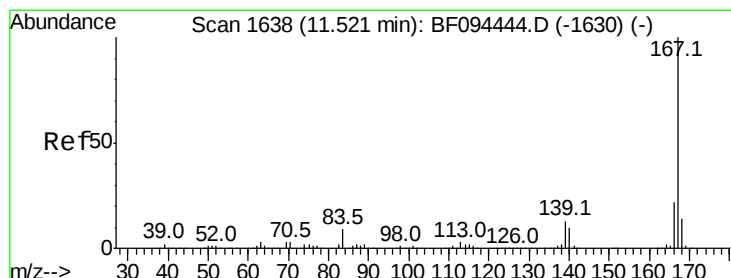
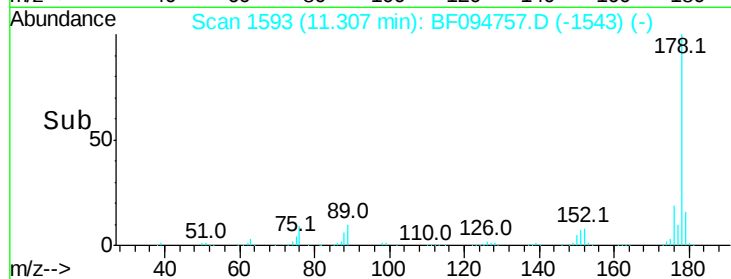
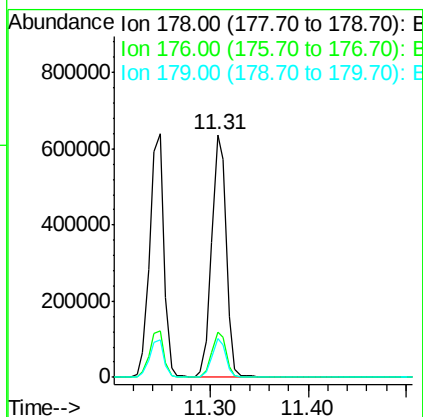
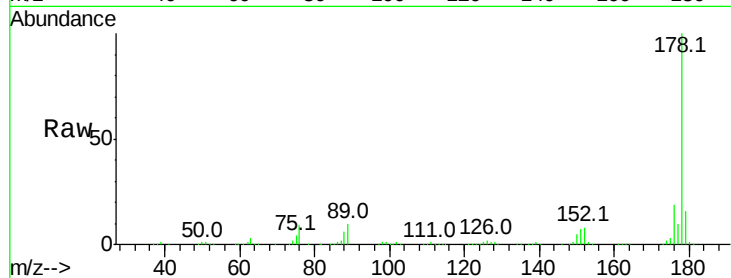




#71
 Anthracene
 Concen: 43.11 ng
 RT: 11.31 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF094757.D
 Acq: 1 May 2017 19:05

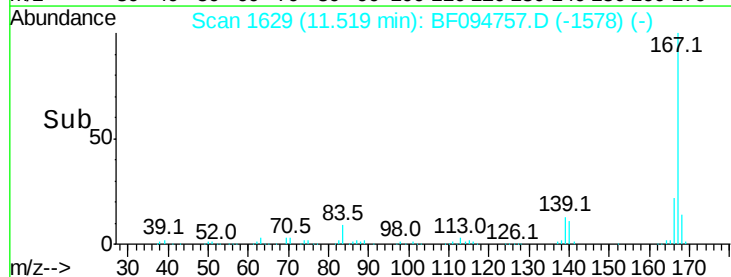
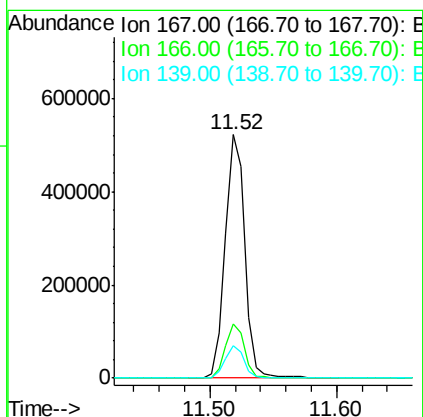
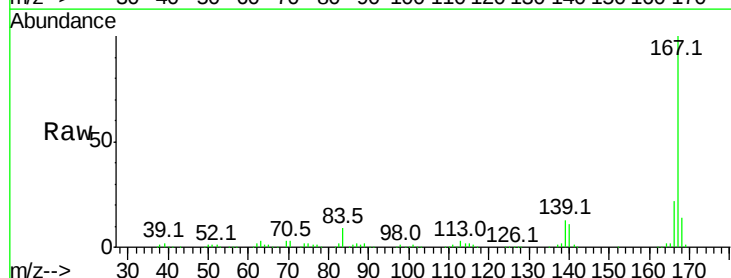
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 663994
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 38.47 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BF094757.D
 Acq: 1 May 2017 19:05

Tgt Ion:167 Resp: 556129
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.1 27.1
 139 13.4 11.7 17.5

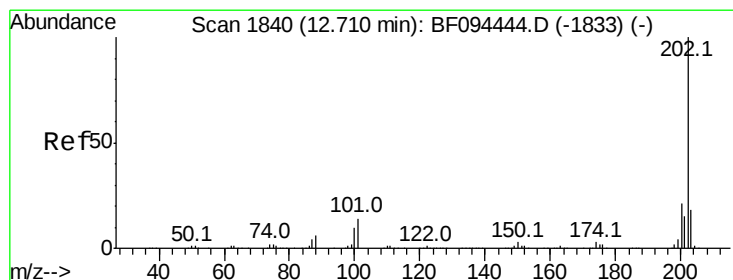
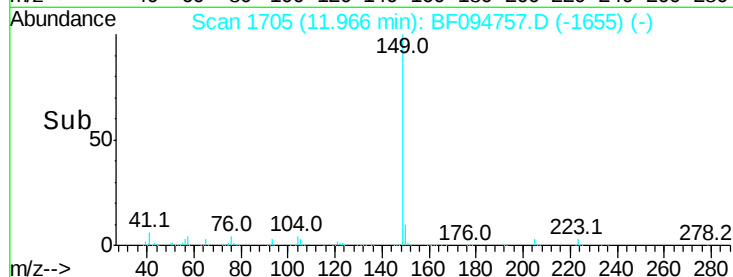
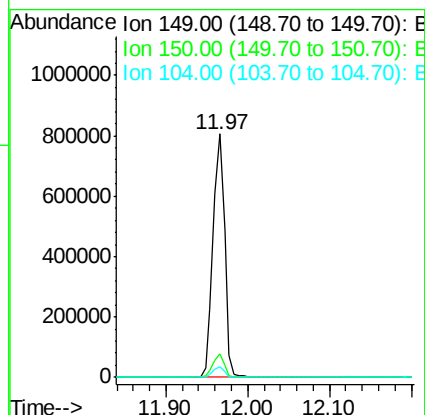
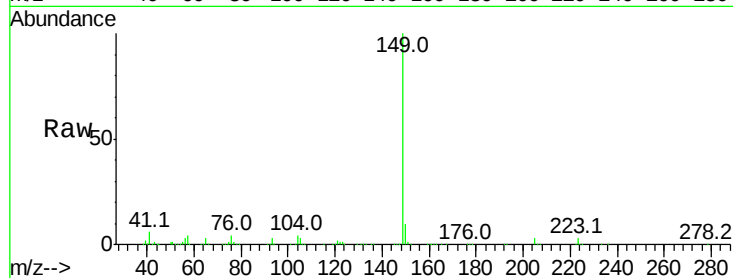




#73
Di-n-butylphthalate
Concen: 50.47 ng
RT: 11.97 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BF094757.D
Acq: 1 May 2017 19:05

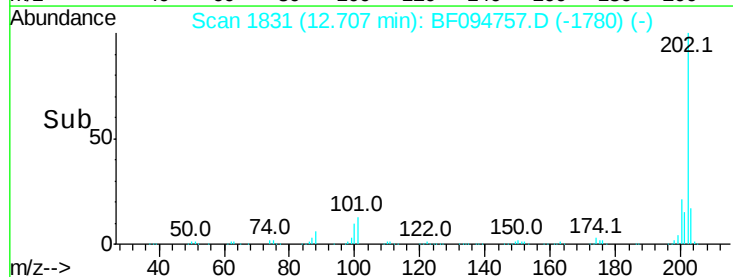
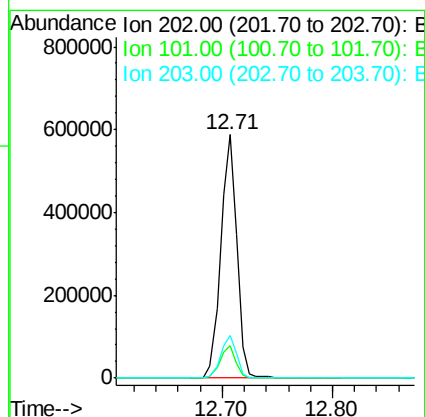
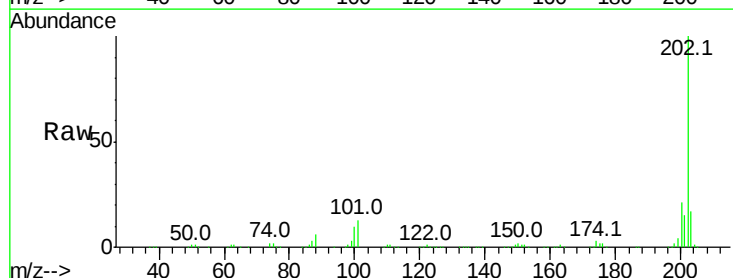
Instrument :
BNA_F
ClientSampleId :

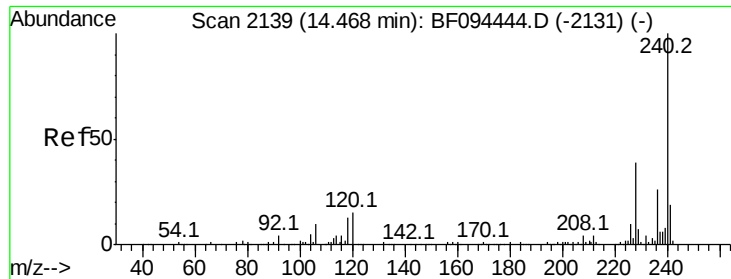
Tot Ion:149 Resp: 803336
Ion Ratio Lower Upper
149 100
150 9.6 7.7 11.5
104 4.4 4.0 6.0



#74
Fluoranthene
Concen: 38.57 ng
RT: 12.71 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF094757.D
Acq: 1 May 2017 19:05

Tgt Ion:202 Resp: 595254
Ion Ratio Lower Upper
202 100
101 13.4 0.0 33.2
203 17.4 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: BF094757.D

Acq: 1 May 2017 19:05

Instrument :

BNA_F

ClientSampled :

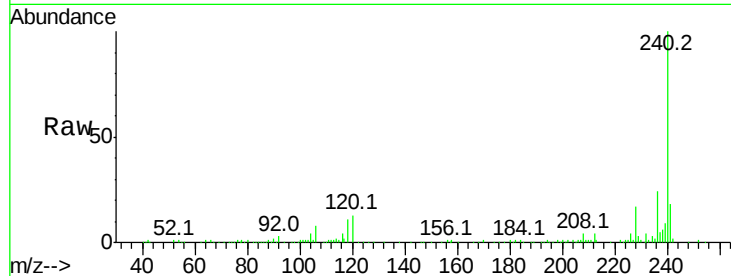
Tot Ion:240 Resp: 189456

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

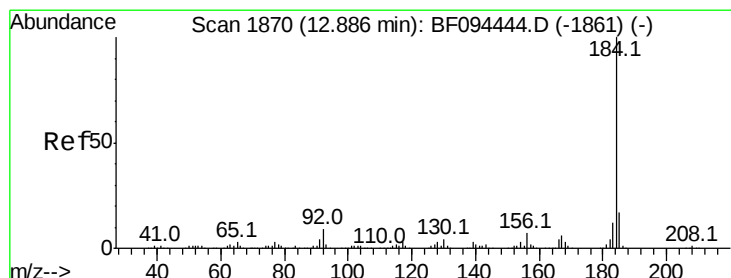
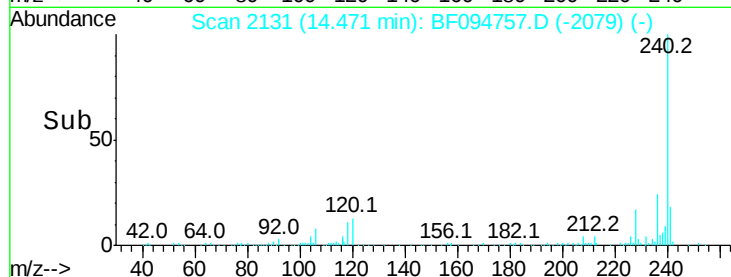
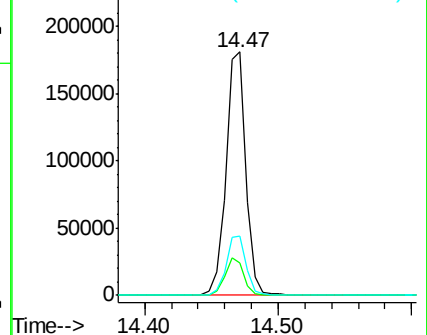
236 24.2 20.5 30.7



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: 45.24 ng

RT: 12.89 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BF094757.D

Acq: 1 May 2017 19:05

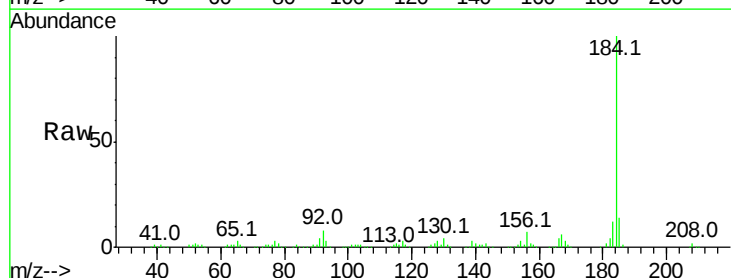
Tgt Ion:184 Resp: 347065

Ion Ratio Lower Upper

184 100

185 14.3 15.5 23.3#

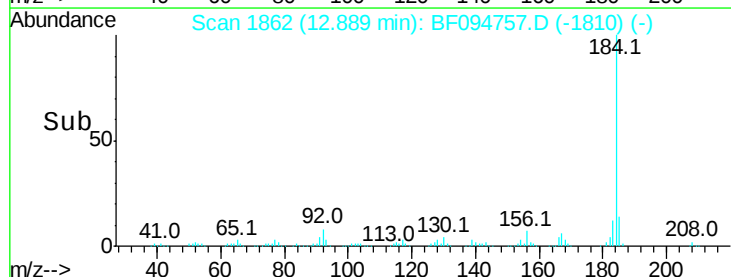
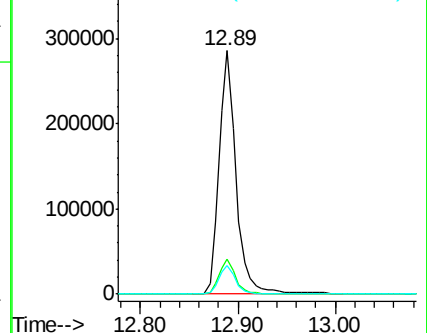
183 11.8 9.8 14.6

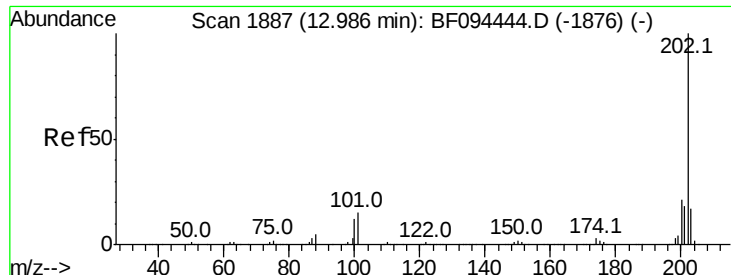


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 44.88 ng

RT: 12.98 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BF094757.D

Acq: 1 May 2017 19:05

Instrument :

BNA_F

ClientSampleId :

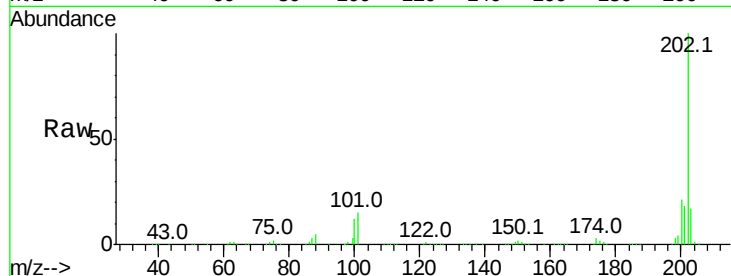
Tot Ion:202 Resp: 594028

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

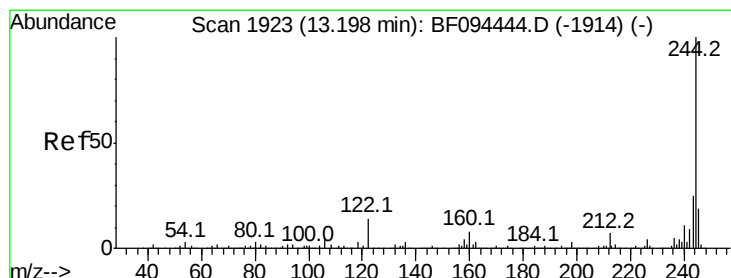
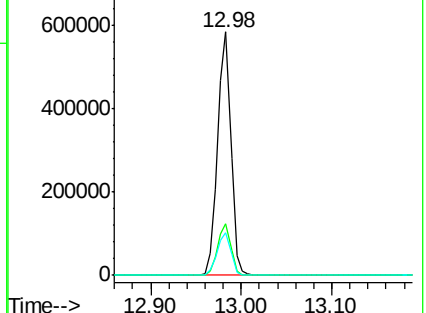
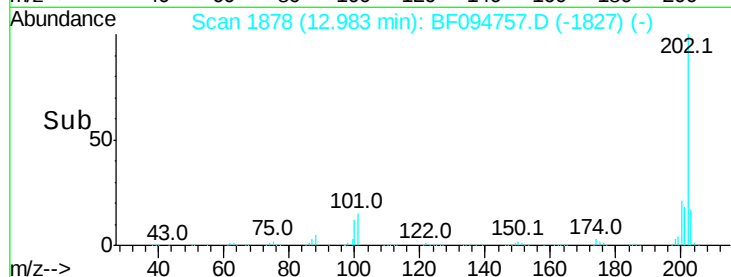
203 17.4 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 97.21 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094757.D

Acq: 1 May 2017 19:05

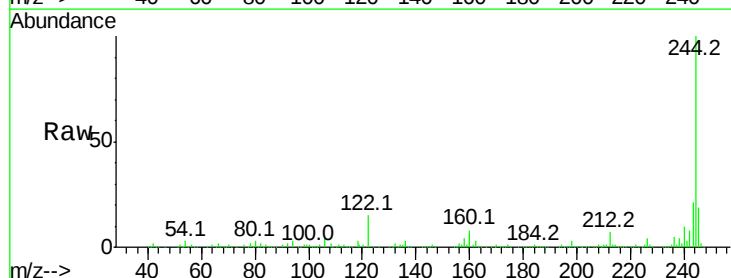
Tgt Ion:244 Resp: 689014

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

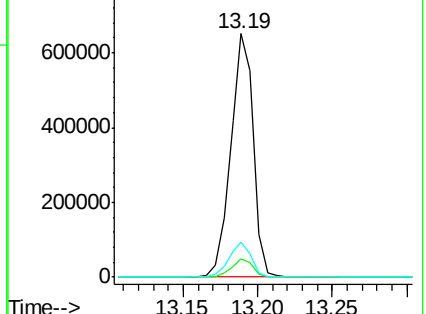
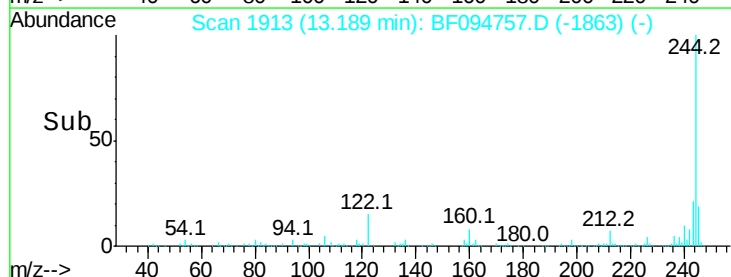
122 14.5 10.3 15.5

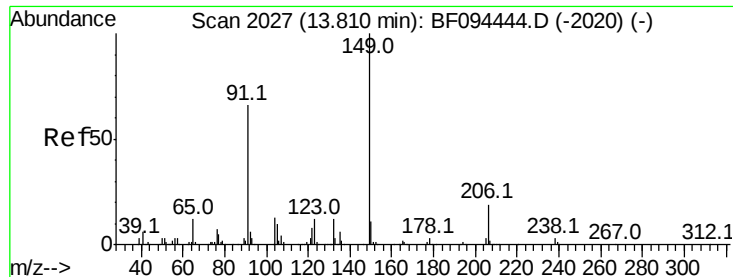


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

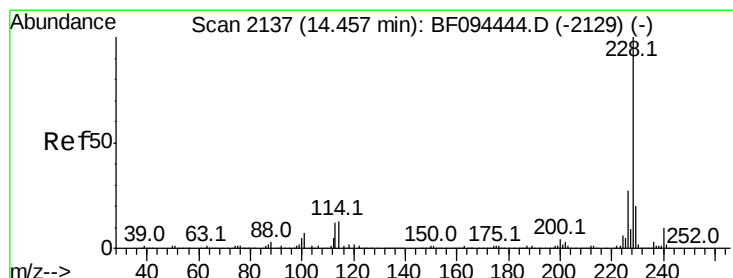
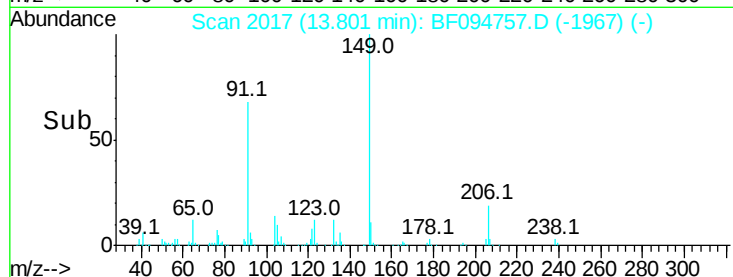
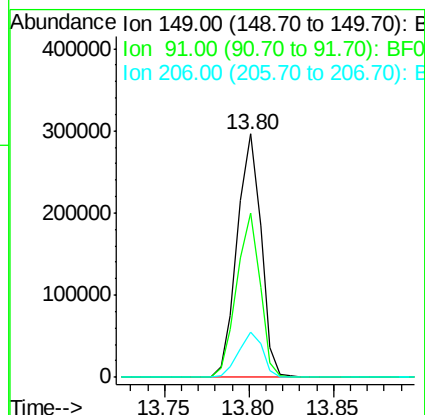
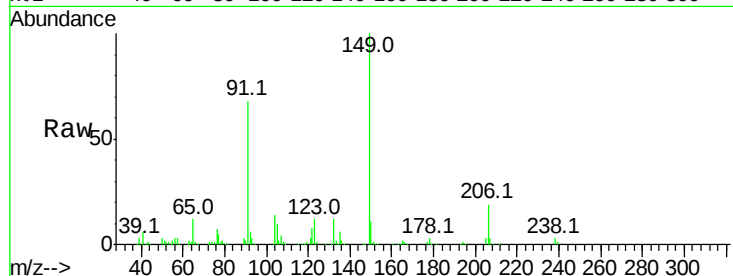




#79
Butylbenzylphthalate
Concen: 50.52 ng
RT: 13.80 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF094757.D
Acq: 1 May 2017 19:05

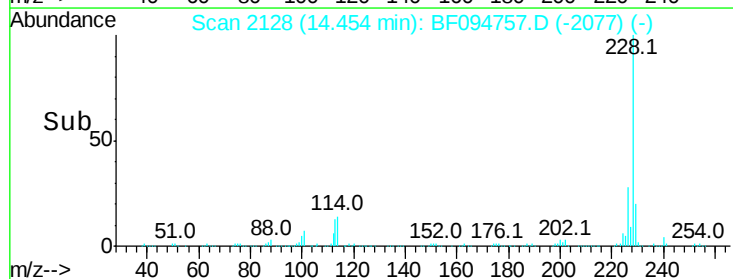
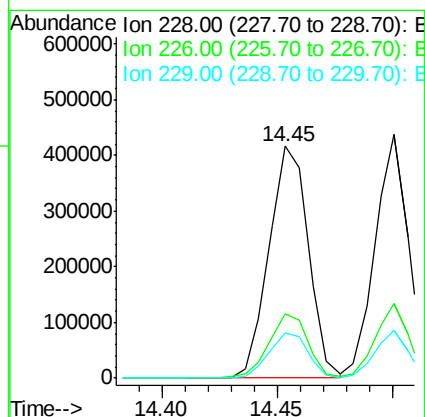
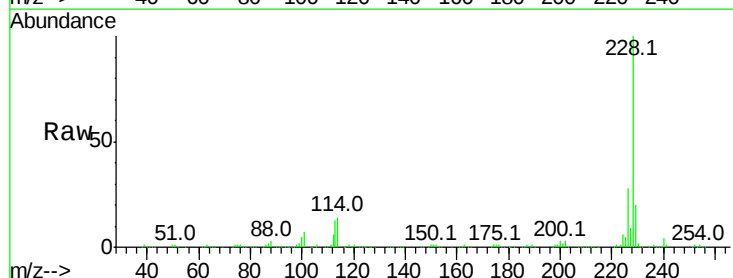
Instrument :
BNA_F
ClientSampleId :

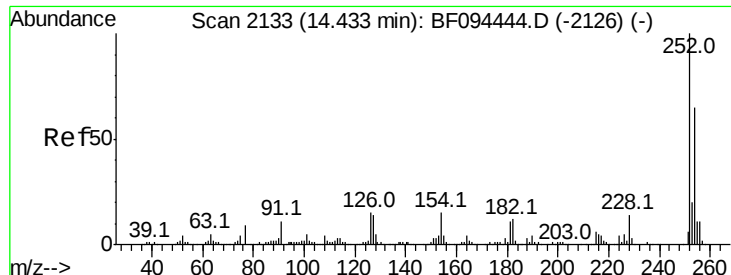
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.7	45.0	67.4#
206	18.8	17.0	25.6



#80
Benzo(a)anthracene
Concen: 44.85 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BF094757.D
Acq: 1 May 2017 19:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.7	16.3	24.5

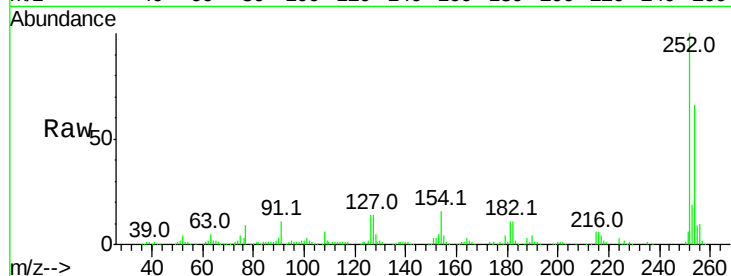




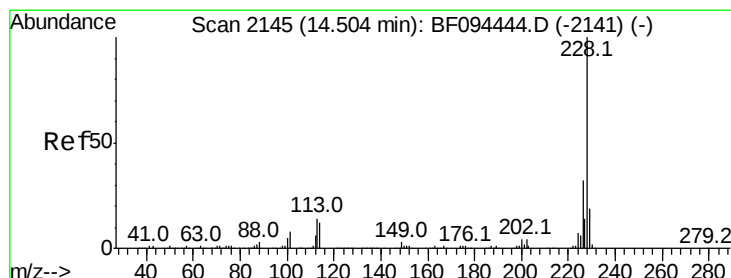
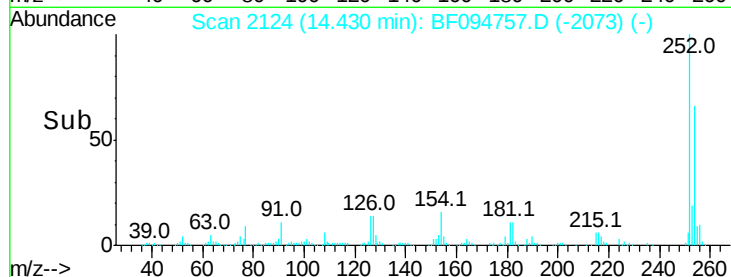
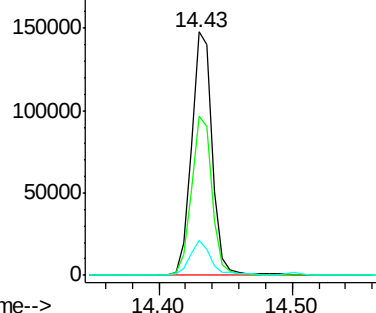
#81
 3,3'-Dichlorobenzidine
 Concen: 41.68 ng
 RT: 14.43 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BF094757.D
 Acq: 1 May 2017 19:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 162486
 Ion Ratio Lower Upper
 252 100
 254 65.6 51.5 77.3
 126 14.4 15.8 23.8#

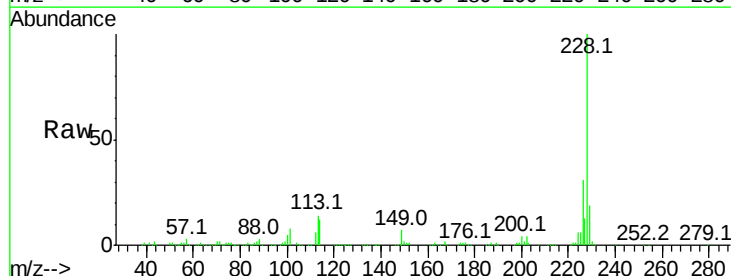


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

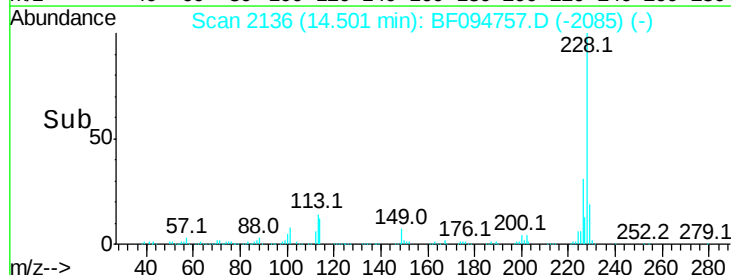
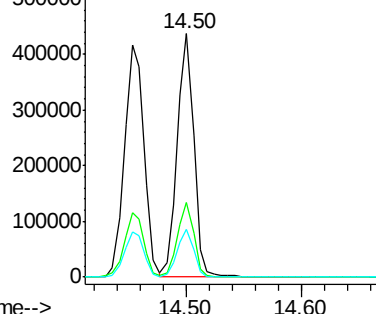


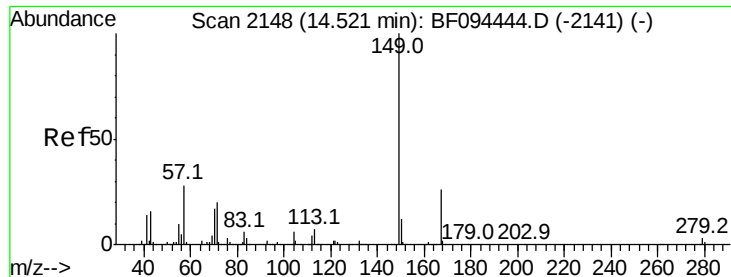
#82
 Chrysene
 Concen: 43.74 ng
 RT: 14.50 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BF094757.D
 Acq: 1 May 2017 19:05

Tgt Ion:228 Resp: 440212
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.9 37.3
 229 19.4 15.8 23.6



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

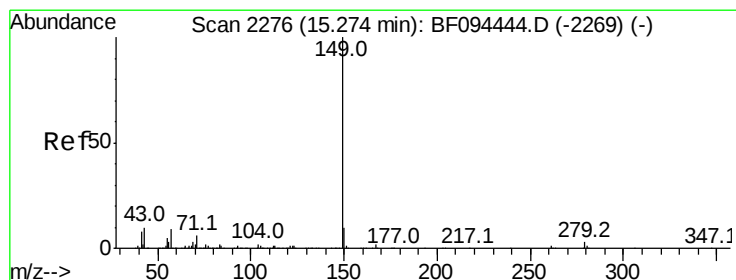
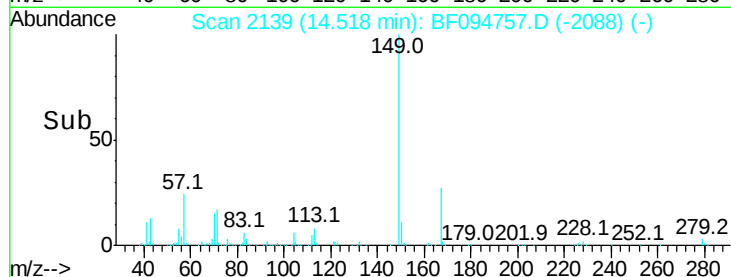
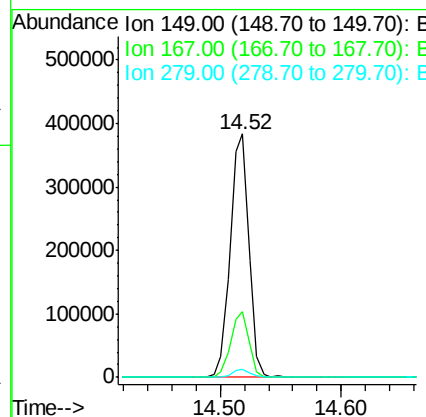
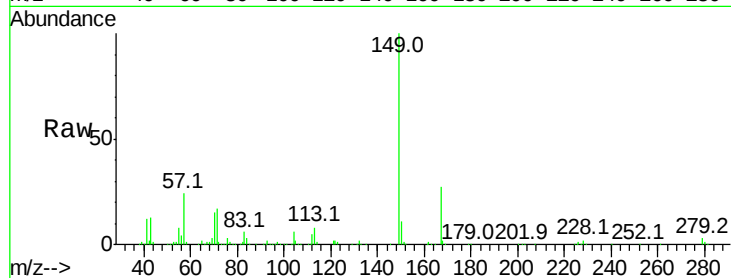




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.72 ng
 RT: 14.52 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BF094757.D
 Acq: 1 May 2017 19:05

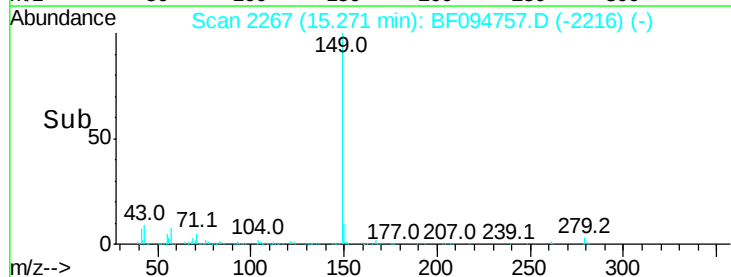
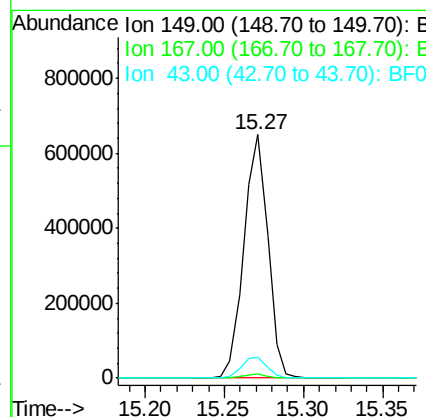
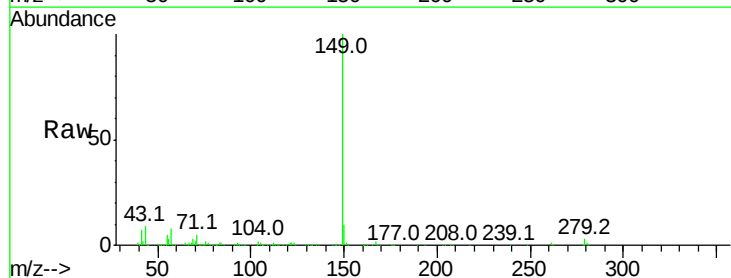
Instrument :
 BNA_F
 ClientSampleId :

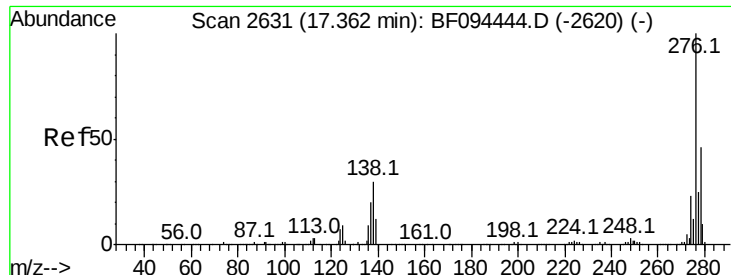
Tot Ion:149 Resp: 410594
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.0 31.4
 279 3.4 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 52.23 ng
 RT: 15.27 min Scan# 2267
 Delta R.T. -0.00 min
 Lab File: BF094757.D
 Acq: 1 May 2017 19:05

Tgt Ion:149 Resp: 682401
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.0 8.5 12.7

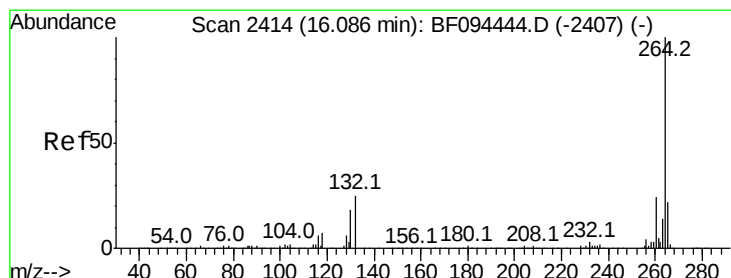
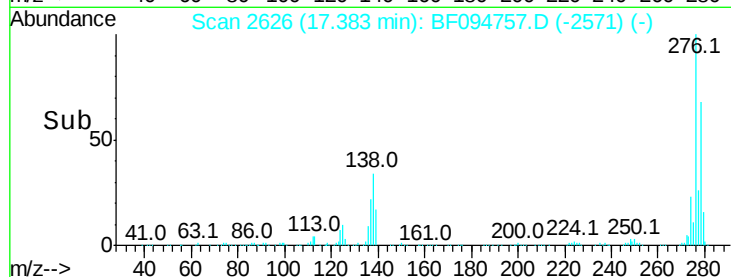
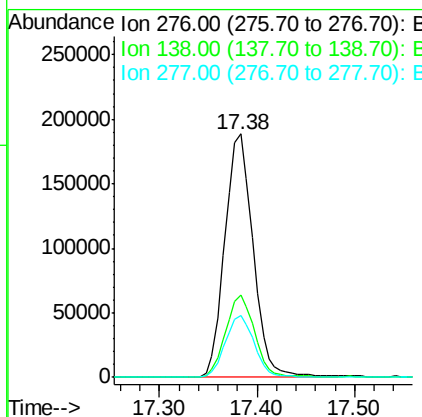
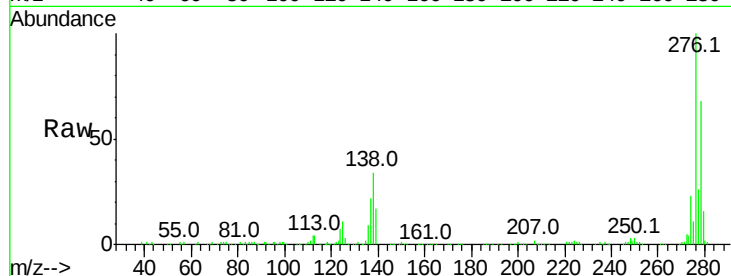




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.87 ng
 RT: 17.38 min Scan# 2626
 Delta R.T. 0.02 min
 Lab File: BF094757.D
 Acq: 1 May 2017 19:05

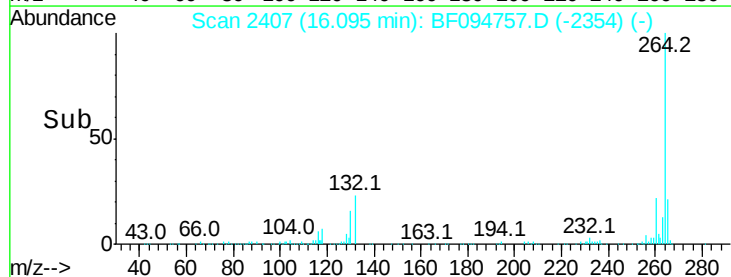
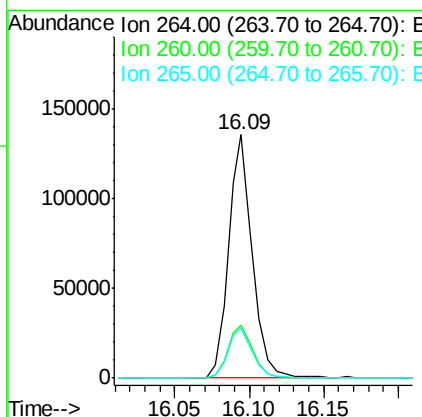
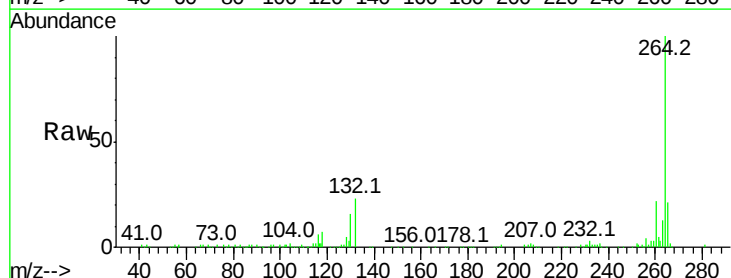
Instrument :
 BNA_F
 ClientSampled :

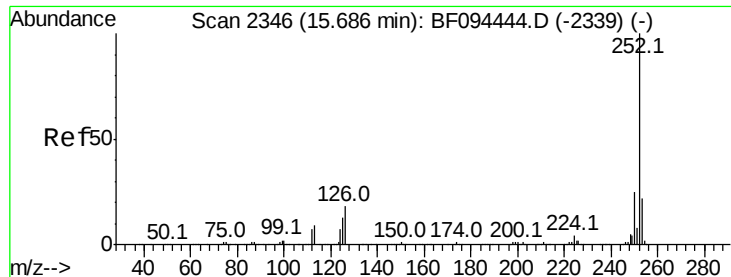
Tot Ion:276 Resp: 381794
 Ion Ratio Lower Upper
 276 100
 138 34.7 27.8 41.6
 277 26.2 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094757.D
 Acq: 1 May 2017 19:05

Tgt Ion:264 Resp: 151301
 Ion Ratio Lower Upper
 264 100
 260 21.9 19.5 29.3
 265 20.9 17.2 25.8

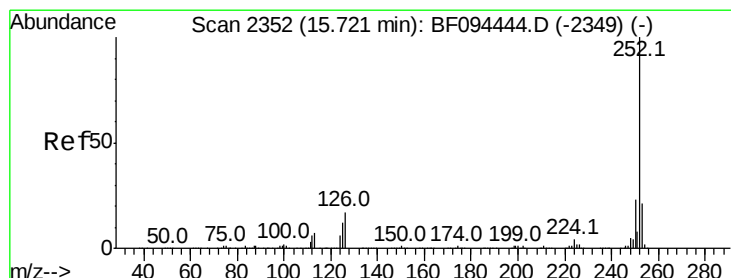
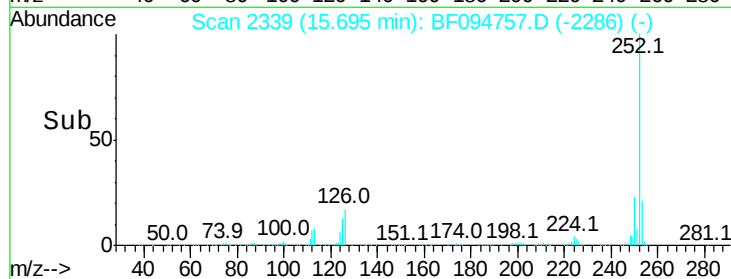
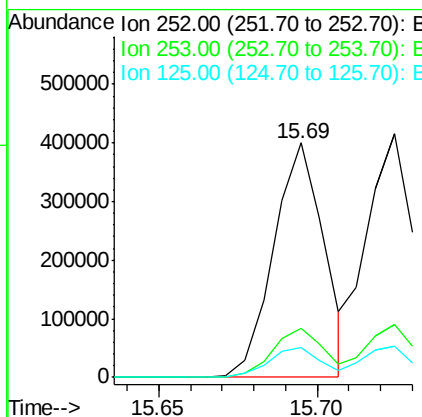
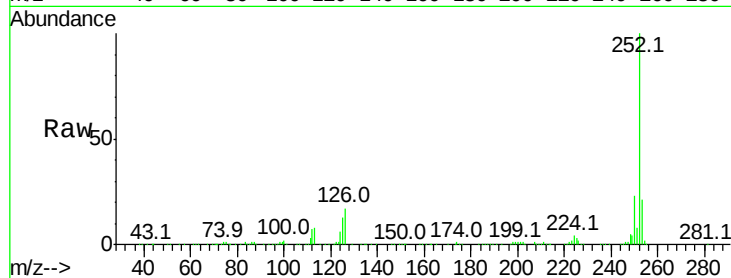




#87
Benzo(b)fluoranthene
Concen: 47.86 ng
RT: 15.69 min Scan# 2339
Delta R.T. 0.01 min
Lab File: BF094757.D
Acq: 1 May 2017 19:05

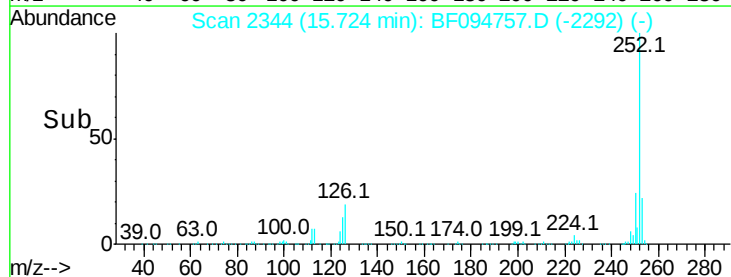
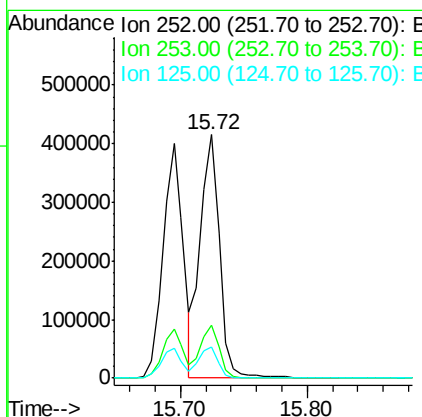
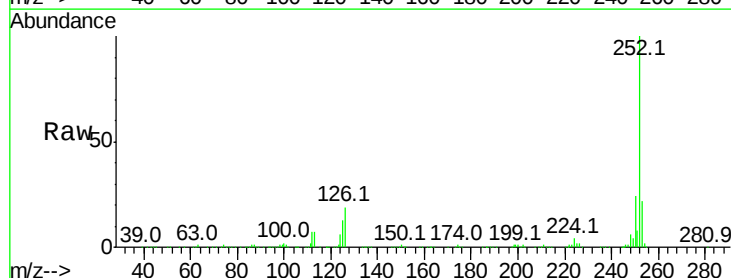
Instrument :
BNA_F
ClientSampleId :

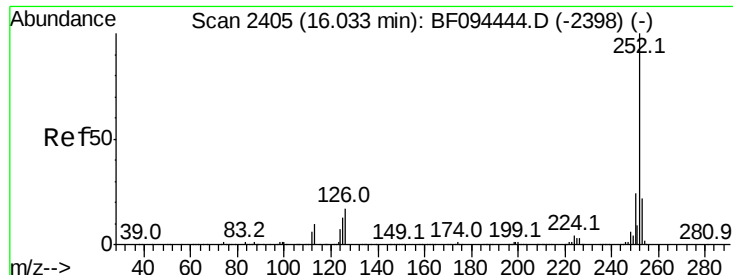
Tot Ion:252 Resp: 442987
Ion Ratio Lower Upper
252 100
253 21.1 18.1 27.1
125 12.8 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 50.02 ng
RT: 15.72 min Scan# 2344
Delta R.T. 0.00 min
Lab File: BF094757.D
Acq: 1 May 2017 19:05

Tgt Ion:252 Resp: 438156
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 12.8 13.1 19.7#





#89

Benzo(a)pyrene

Concen: 44.36 ng

RT: 16.04 min Scan# 2398

Delta R.T. 0.01 min

Lab File: BF094757.D

Acq: 1 May 2017 19:05

Instrument :

BNA_F

ClientSampleId :

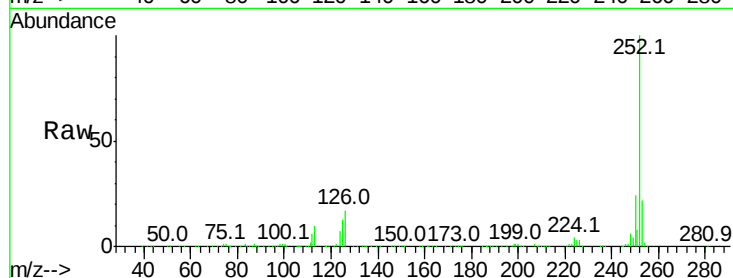
Tot Ion:252 Resp: 381942

Ion Ratio Lower Upper

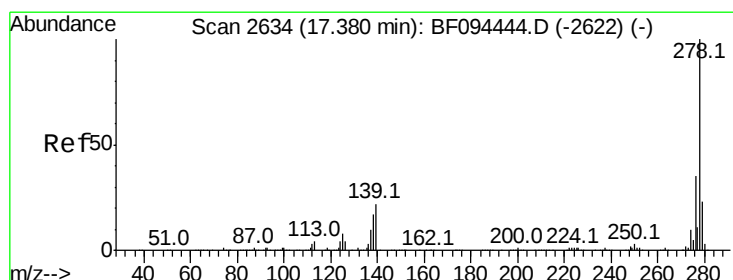
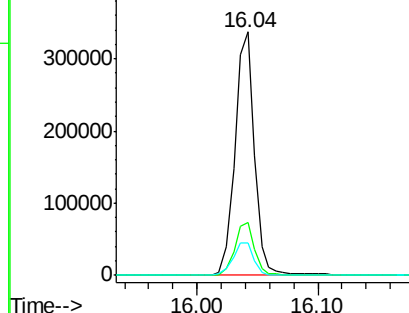
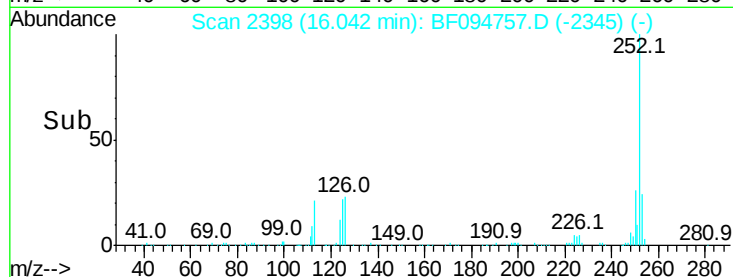
252 100

253 21.9 17.5 26.3

125 13.4 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: 44.85 ng

RT: 17.39 min Scan# 2628

Delta R.T. 0.01 min

Lab File: BF094757.D

Acq: 1 May 2017 19:05

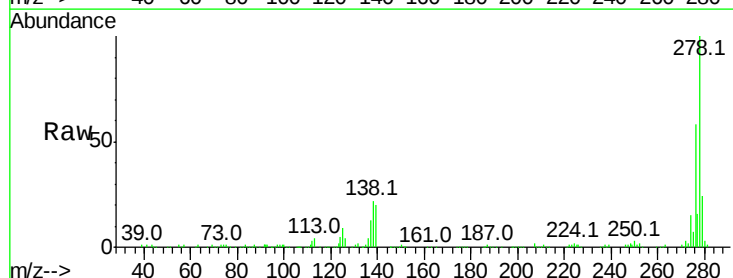
Tgt Ion:278 Resp: 320698

Ion Ratio Lower Upper

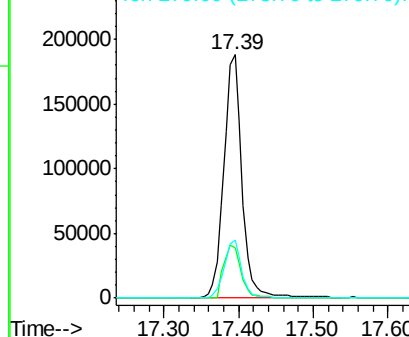
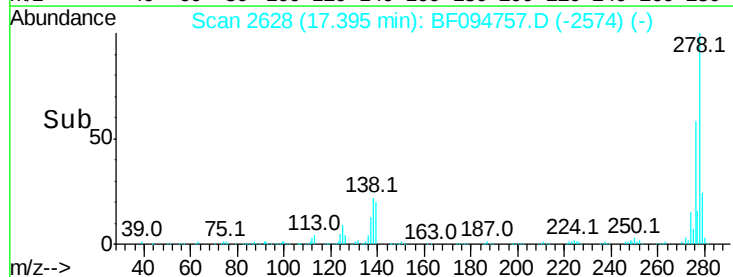
278 100

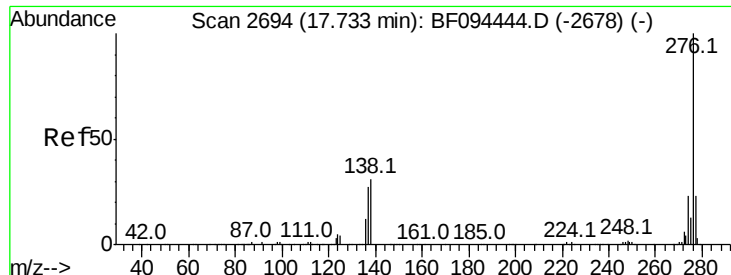
139 20.5 16.6 24.8

279 23.6 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: 43.01 ng

RT: 17.75 min Scan# 2689

Delta R.T. 0.02 min

Lab File: BF094757.D

Acq: 1 May 2017 19:05

Instrument :

BNA_F

ClientSampleId :

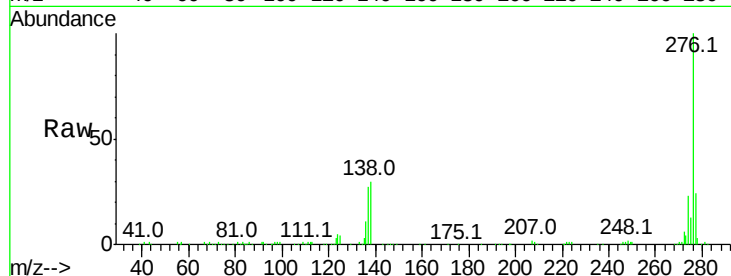
Tot Ion:276 Resp: 313071

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 30.4 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

