

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
 Data File : BF094486.D
 Acq On : 18 Apr 2017 14:51
 Operator : SJ/MA
 Sample : I2695-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 01:10:44 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	127592	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	535066	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	246429	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	457222	20.00	ng	0.00
75) Chrysene-d12	14.47	240	335333	20.00	ng	0.00
86) Perylene-d12	16.09	264	247563	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	757374	98.48	ng	0.03
7) Phenol-d6	5.41	99	922539	101.75	ng	0.01
23) Nitrobenzene-d5	6.42	82	614046	70.86	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	208933	108.39	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1058540	63.20	ng	0.00
78) Terphenyl-d14	13.20	244	988783	78.82	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.13	88	107377	24.01	ng	98
3) Pyridine	2.65	79	255556	26.14	ng	100
4) n-Nitrosodimethylamine	2.60	42	132979	32.88	ng	90
6) Aniline	5.40	93	314485	26.10	ng	# 89
8) 2-Chlorophenol	5.55	128	300728	34.36	ng	93
9) Benzaldehyde	5.27	77	57228	8.30	ng	94
10) Phenol	5.42	94	374389	33.61	ng	90
11) bis(2-Chloroethyl)ether	5.48	93	268895	33.05	ng	99
12) 1,3-Dichlorobenzene	5.71	146	313942	32.38	ng	99
13) 1,4-Dichlorobenzene	5.80	146	319529	32.76	ng	99
14) 1,2-Dichlorobenzene	5.97	146	308708	34.36	ng	98
15) Benzyl Alcohol	5.95	79	242002	35.98	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.11	45	388318	36.40	ng	89
17) 2-Methylphenol	6.10	107	246439	35.76	ng	94
18) Hexachloroethane	6.35	117	112792	33.73	ng	# 85
19) n-Nitroso-di-n-propylamine	6.26	70	215926	35.94	ng	97
20) 3+4-Methylphenols	6.28	107	345362	36.88	ng	# 63
22) Acetophenone	6.25	105	428033	32.90	ng	# 85
24) Nitrobenzene	6.44	77	295523	32.39	ng	95
25) Isophorone	6.73	82	570795	35.53	ng	97
26) 2-Nitrophenol	6.82	139	164409	33.54	ng	97
27) 2,4-Dimethylphenol	6.90	122	256902	32.26	ng	99
28) bis(2-Chloroethoxy)methane	7.00	93	363876	35.02	ng	99
29) 2,4-Dichlorophenol	7.12	162	265031	35.78	ng	99
30) 1,2,4-Trichlorobenzene	7.21	180	254914	33.28	ng	99
31) Naphthalene	7.30	128	866538	33.69	ng	100
32) Benzoic acid	7.01	122	22040	5.23	ng	90
33) 4-Chloroaniline	7.37	127	241299	22.55	ng	# 94
34) Hexachlorobutadiene	7.45	225	122695	32.13	ng	98
35) Caprolactam	7.81	113	38438	16.52	ng	88
36) 4-Chloro-3-methylphenol	7.99	107	255592	32.92	ng	88
37) 2-Methylnaphthalene	8.14	142	577085	32.79	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	220796	31.46	ng	99
40) Hexachlorocyclopentadiene	8.33	237	186216	65.60	ng	99

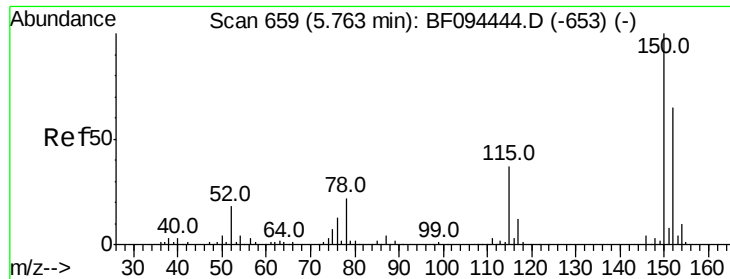
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	161311	32.73	nq	98
43) 2,4,5-Trichlorophenol	8.55	196	167974	33.19	nq	95
45) 1,1'-Biphenyl	8.71	154	650284	32.30	nq	98
46) 2-Chloronaphthalene	8.72	162	524389	32.76	nq	94
47) 2-Nitroaniline	8.86	65	156851	34.06	nq	# 85
48) Acenaphthylene	9.23	152	851408	34.12	nq	98
49) Dimethylphthalate	9.11	163	1108159	60.34	nq	98
50) 2,6-Dinitrotoluene	9.17	165	151949	36.86	nq	92
51) Acenaphthene	9.44	154	519379	34.75	nq	100
52) 3-Nitroaniline	9.37	138	134180	28.13	nq	92
53) 2,4-Dinitrophenol	9.51	184	76205	37.38	nq	# 64
54) Dibenzofuran	9.65	168	758914	34.93	nq	99
55) 4-Nitrophenol	9.63	139	236022	70.05	nq	# 76
56) 2,4-Dinitrotoluene	9.66	165	189690	37.50	nq	# 73
57) Fluorene	10.08	166	601276	35.54	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	135902	37.47	nq	95
59) Diethylphthalate	9.97	149	639872	36.93	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	254758	36.18	nq	92
61) 4-Nitroaniline	10.12	138	160090	33.02	nq	96
62) Azobenzene	10.28	77	608030	36.14	nq	96
64) 4,6-Dinitro-2-methylphenol	10.17	198	82727	27.62	nq	# 68
65) n-Nitrosodiphenylamine	10.24	169	541881	34.08	nq	98
66) 4-Bromophenyl-phenylether	10.68	248	156459	34.46	nq	96
67) Hexachlorobenzene	10.75	284	154079	33.68	nq	# 91
68) Atrazine	10.91	200	168257	35.37	nq	98
69) Pentachlorophenol	11.01	266	127729	70.31	nq	98
70) Phenanthrene	11.25	178	877886	34.10	nq	97
71) Anthracene	11.31	178	913619	34.30	nq	98
72) Carbazole	11.52	167	856998	34.28	nq	99
73) Di-n-butylphthalate	11.97	149	1024210	37.21	nq	99
74) Fluoranthene	12.71	202	901340	33.78	nq	98
76) Benzidine	12.88	184	105145	7.74	nq	# 92
77) Pyrene	12.98	202	909433	38.82	nq	99
79) Butylbenzylphthalate	13.81	149	407341	39.67	nq	# 84
80) Benzo(a)anthracene	14.45	228	669469	34.35	nq	98
81) 3,3'-Dichlorobenzidine	14.43	252	161622	23.42	nq	98
82) Chrysene	14.50	228	614196	34.48	nq	98
83) Bis(2-ethylhexyl)phthalate	14.52	149	551048	39.97	nq	# 98
84) Di-n-octyl phthalate	15.28	149	793705	34.32	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	578196	34.11	nq	99
87) Benzo(b)fluoranthene	15.69	252	500000	33.02	nq	98
88) Benzo(k)fluoranthene	15.72	252	496541	34.65	nq	96
89) Benzo(a)pyrene	16.03	252	480720	34.12	nq	98
90) Dibenzo(a,h)anthracene	17.38	278	484554	41.42	nq	99
91) Benzo(g,h,i)perylene	17.74	276	499776	41.96	nq	97

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

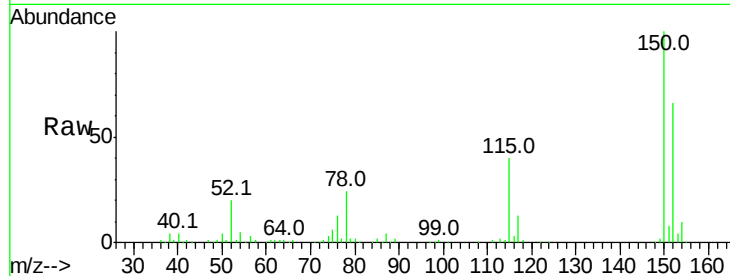


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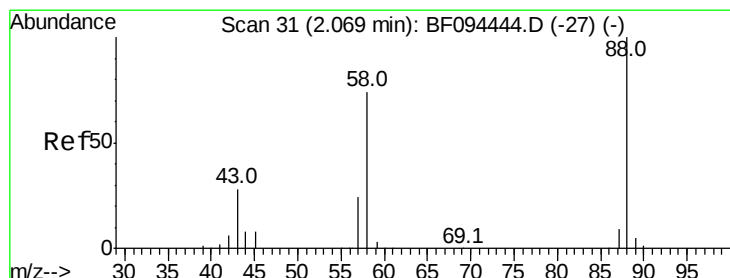
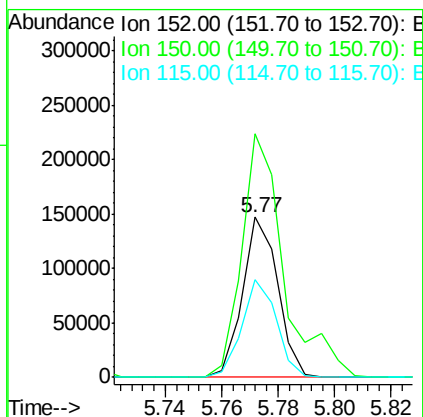
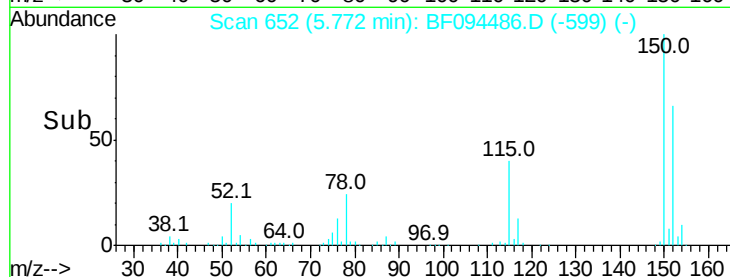
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 127592
Ion Ratio Lower Upper
152 100
150 152.2 126.2 189.2
115 60.8 52.2 78.2



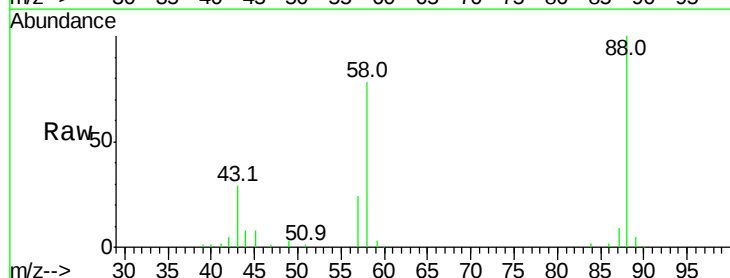
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



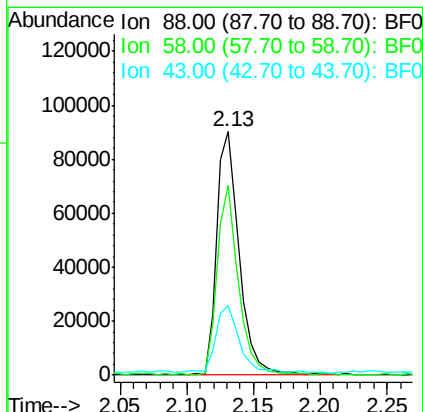
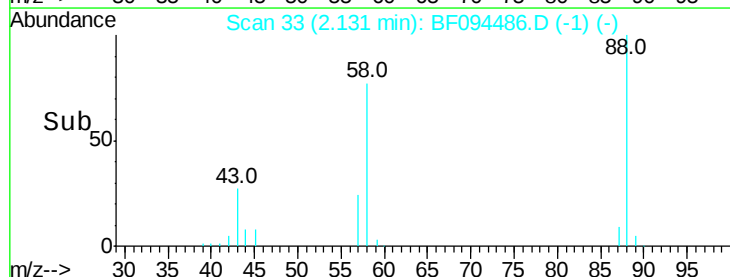
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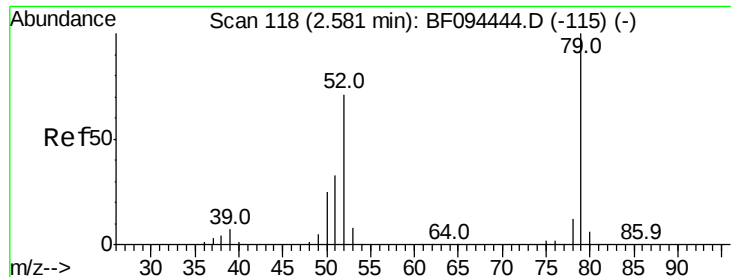
1,4-Dioxane
Concen: 24.01 ng
RT: 2.13 min Scan# 33
Delta R.T. 0.06 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Tgt Ion: 88 Resp: 107377
Ion Ratio Lower Upper
88 100
58 74.2 61.4 92.0
43 29.5 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: 26.14 ng

RT: 2.65 min Scan# 122

Delta R.T. 0.07 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Instrument :

BNA_F

ClientSampleId :

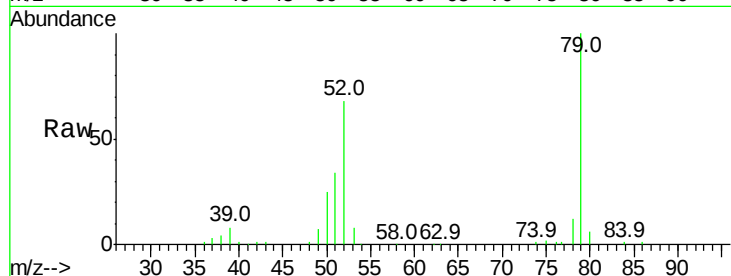
Tot Ion: 79 Resp: 255556

Ion Ratio Lower Upper

79 100

52 68.4 54.8 82.2

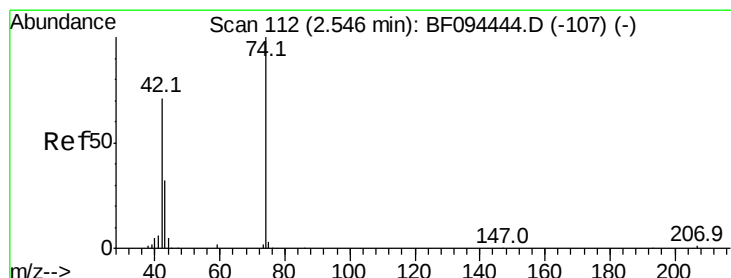
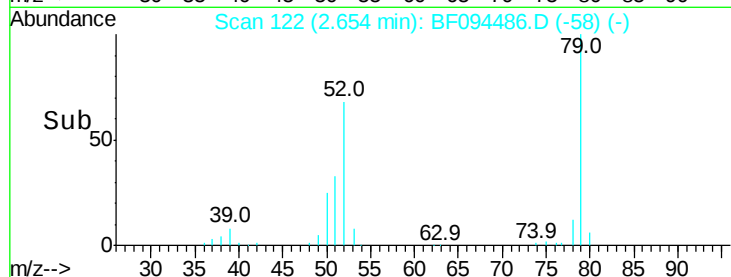
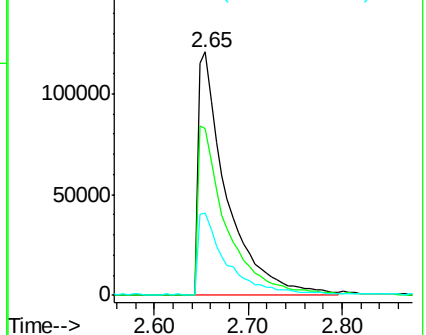
51 33.6 27.0 40.4



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: 32.88 ng

RT: 2.60 min Scan# 112

Delta R.T. 0.05 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

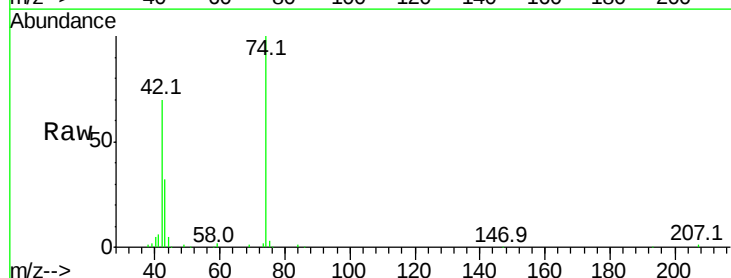
Tgt Ion: 42 Resp: 132979

Ion Ratio Lower Upper

42 100

74 142.5 103.9 155.9

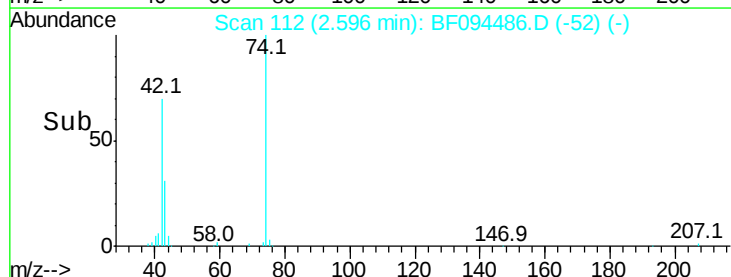
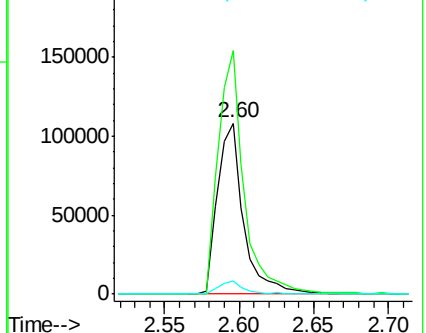
44 7.7 5.7 8.5

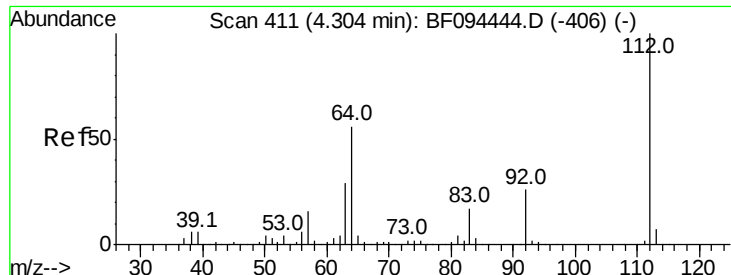


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 98.48 ng

RT: 4.33 min Scan# 407

Delta R.T. 0.03 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Instrument :

BNA_F

ClientSampled :

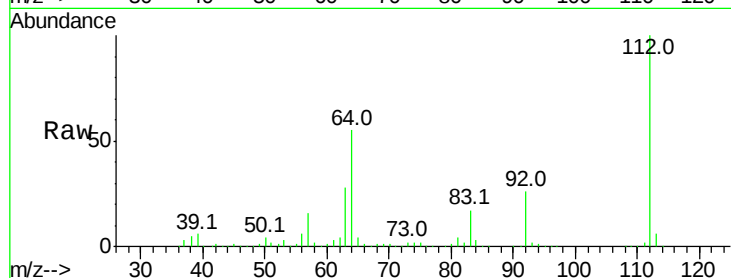
Tot Ion:112 Resp: 757374

Ion Ratio Lower Upper

112 100

64 55.4 46.0 69.0

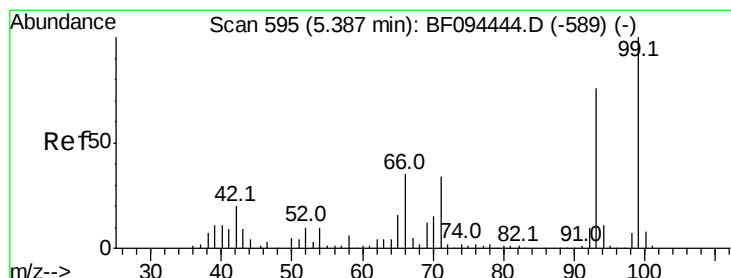
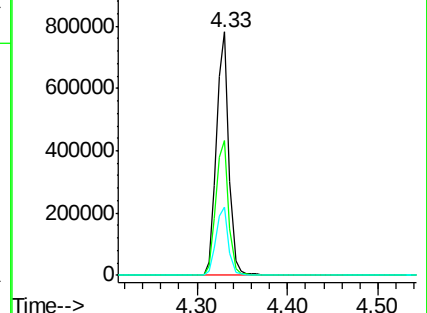
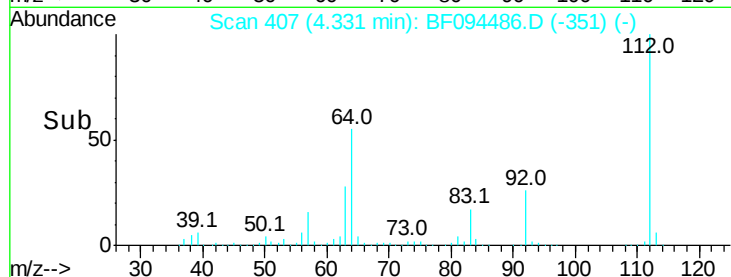
63 27.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.10 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

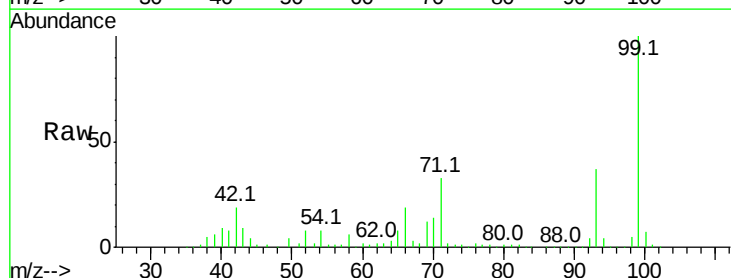
Tgt Ion: 93 Resp: 314485

Ion Ratio Lower Upper

93 100

66 50.4 32.9 49.3#

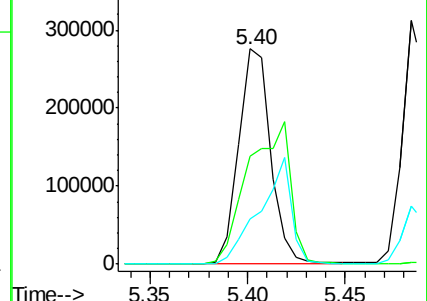
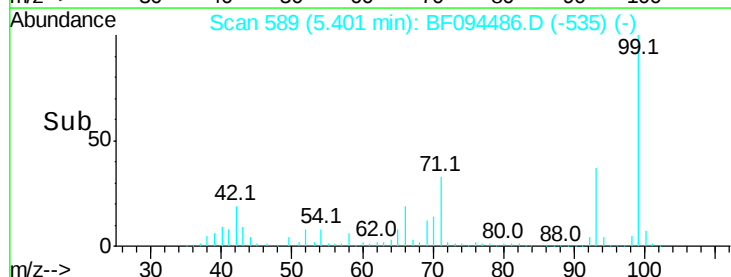
65 21.2 16.0 24.0

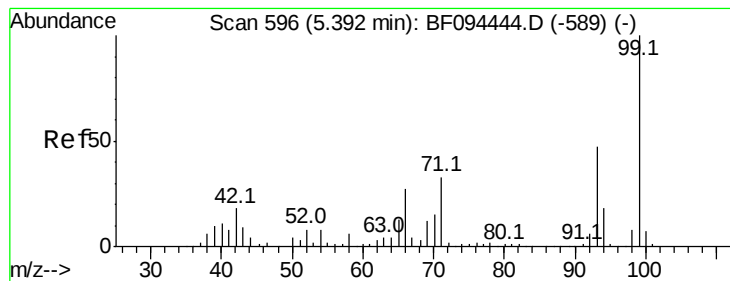


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 101.75 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.01 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Instrument :

BNA_F

ClientSampleId :

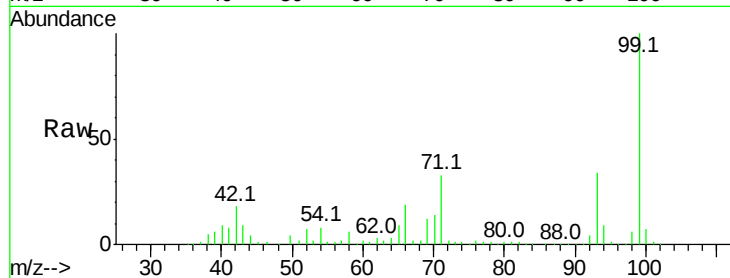
Tot Ion: 99 Resp: 922539

Ion Ratio Lower Upper

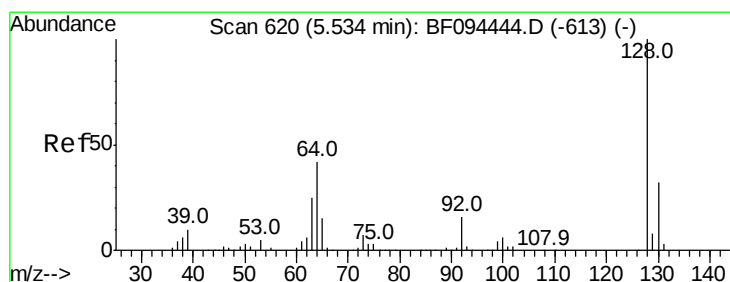
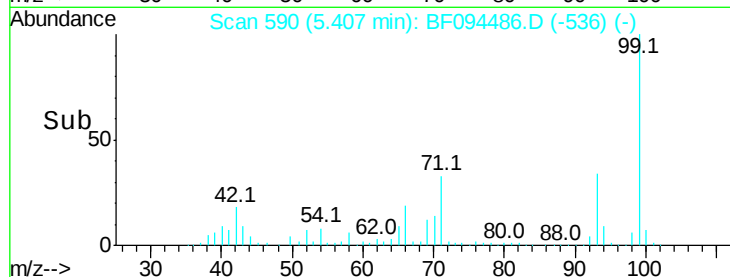
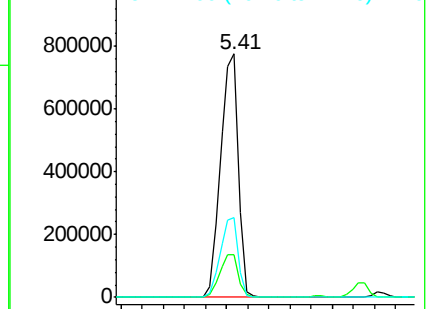
99 100

42 17.6 13.5 20.3

71 33.0 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: 34.36 ng

RT: 5.55 min Scan# 614

Delta R.T. 0.01 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

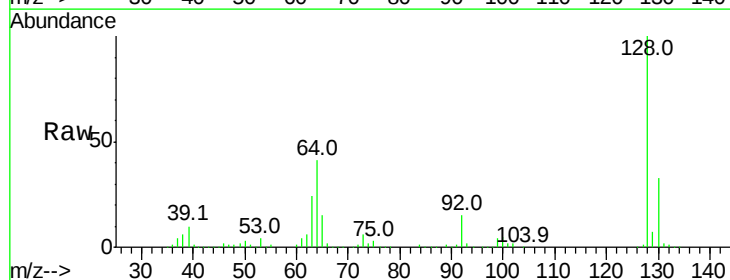
Tgt Ion:128 Resp: 300728

Ion Ratio Lower Upper

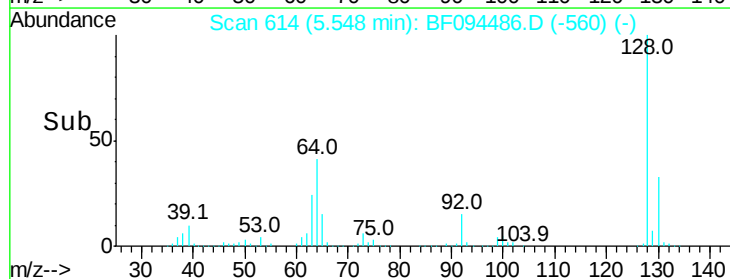
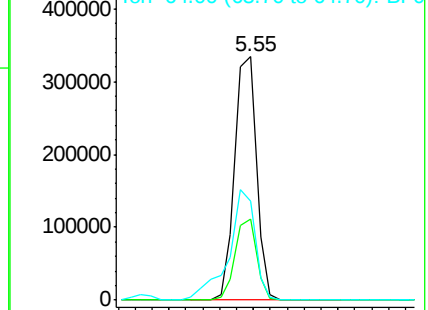
128 100

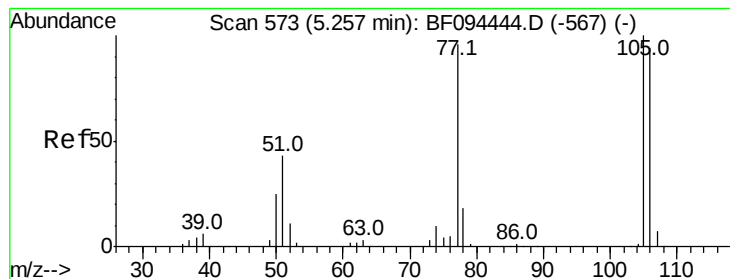
130 33.3 12.9 52.9

64 40.6 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: 8.30 ng

RT: 5.27 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Instrument :

BNA_F

ClientSampled :

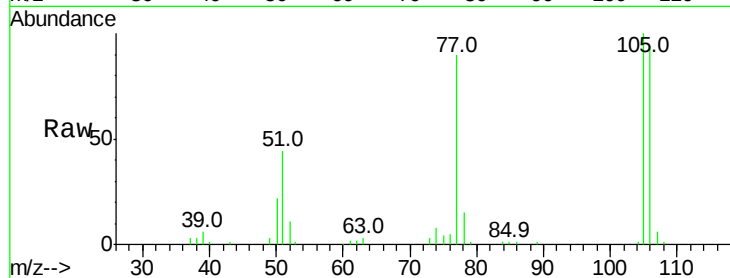
Tot Ion: 77 Resp: 57228

Ion Ratio Lower Upper

77 100

105 111.1 83.8 123.8

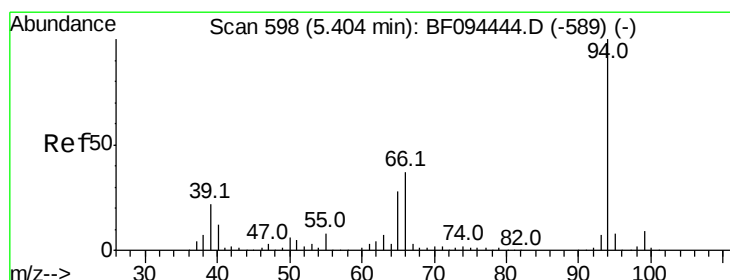
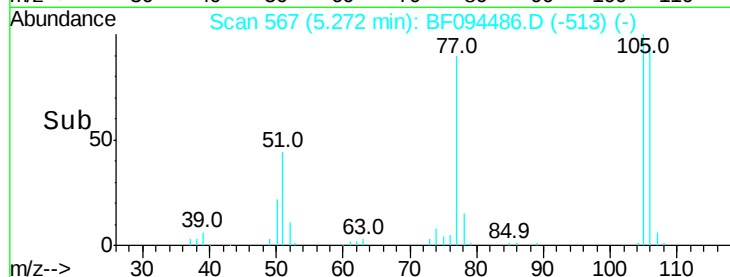
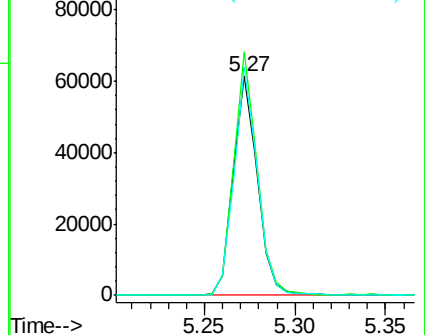
106 103.9 79.1 119.1



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: 33.61 ng

RT: 5.42 min Scan# 592

Delta R.T. 0.01 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

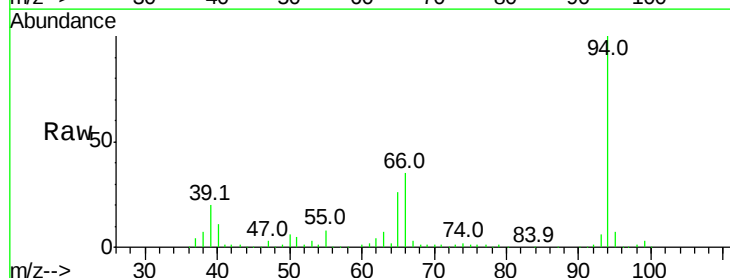
Tgt Ion: 94 Resp: 374389

Ion Ratio Lower Upper

94 100

65 26.5 9.9 49.9

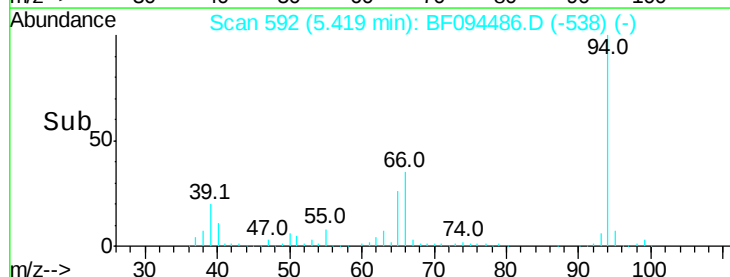
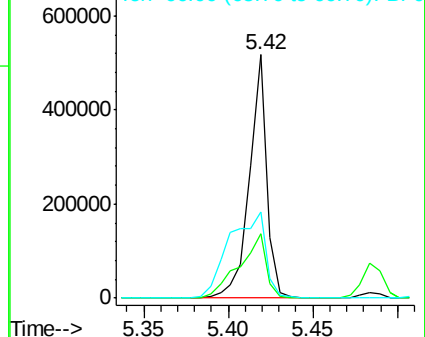
66 35.3 23.1 63.1

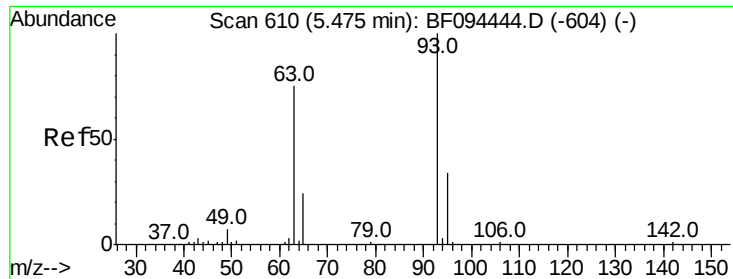


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 33.05 ng

RT: 5.48 min Scan# 603

Delta R.T. 0.01 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Instrument :

BNA_F

ClientSampleId :

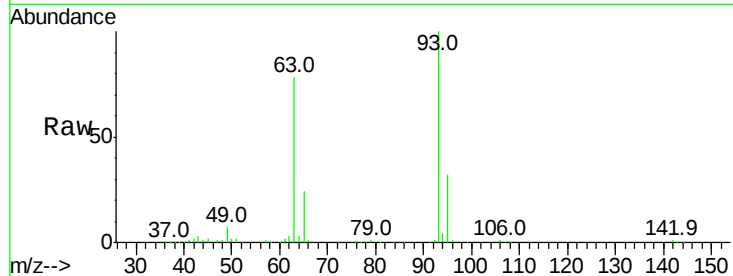
Tot Ion: 93 Resp: 268895

Ion Ratio Lower Upper

93 100

63 78.2 59.2 99.2

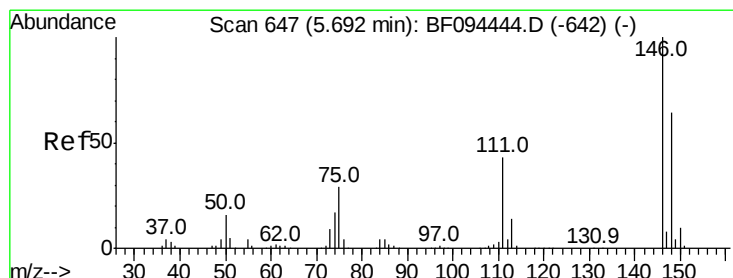
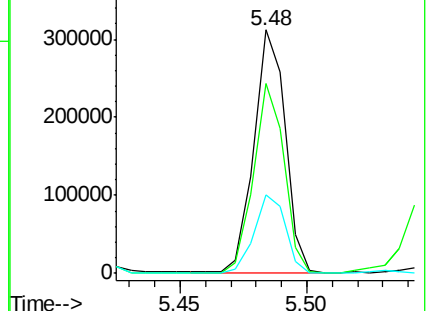
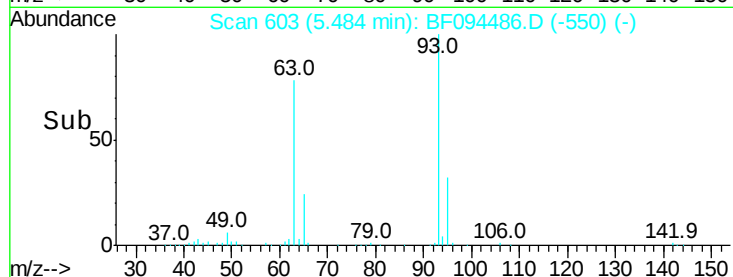
95 32.1 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 32.38 ng

RT: 5.71 min Scan# 641

Delta R.T. 0.01 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

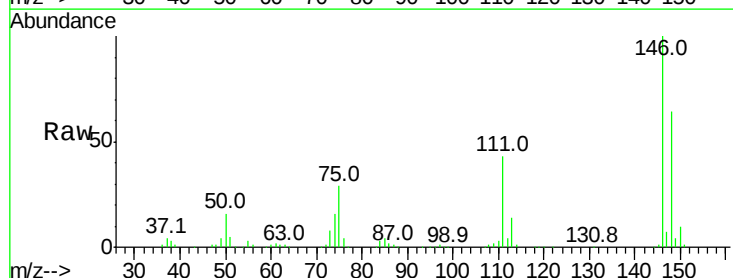
Tgt Ion: 146 Resp: 313942

Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.6

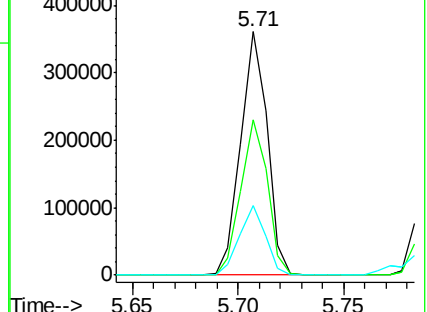
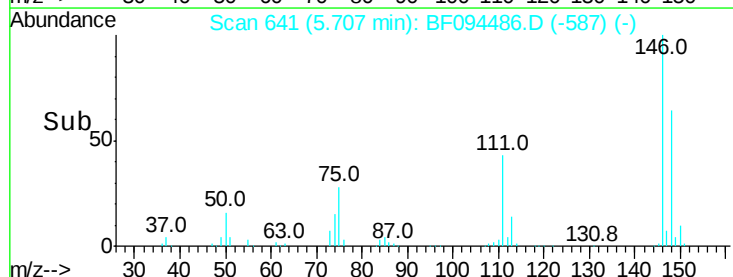
75 28.6 23.1 34.7

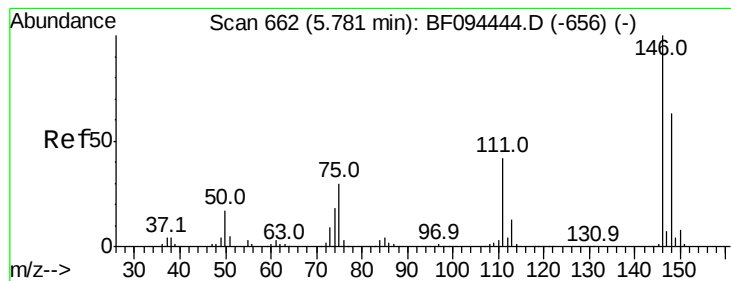


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 32.76 ng

RT: 5.80 min Scan# 656

Delta R.T. 0.01 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Instrument :

BNA_F

ClientSampled :

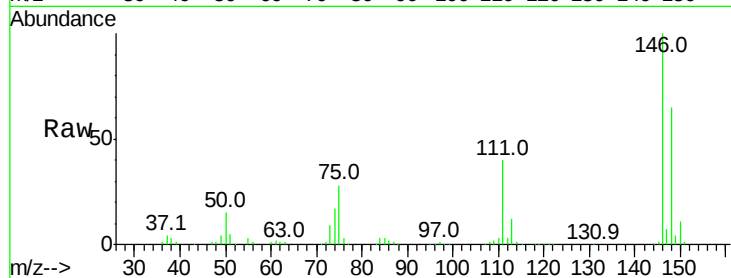
Tot Ion:146 Resp: 319529

Ion Ratio Lower Upper

146 100

148 64.8 52.2 78.2

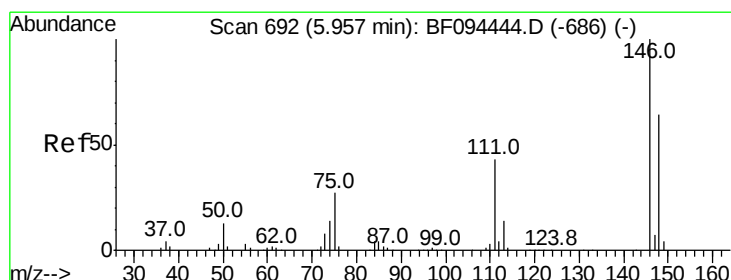
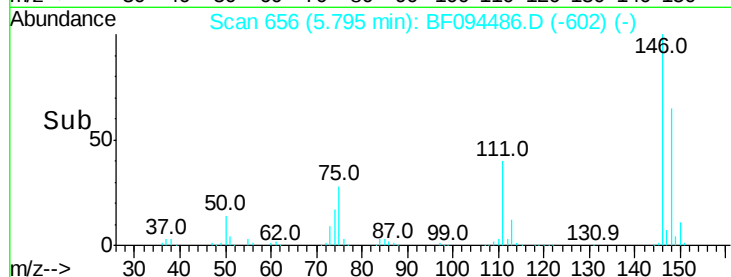
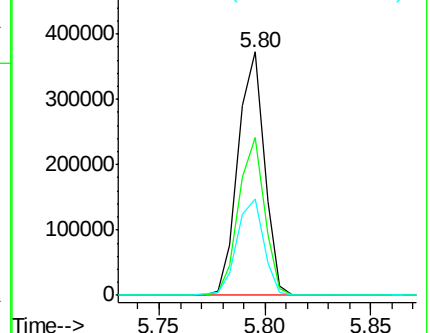
111 39.8 30.3 45.5



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: 34.36 ng

RT: 5.97 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

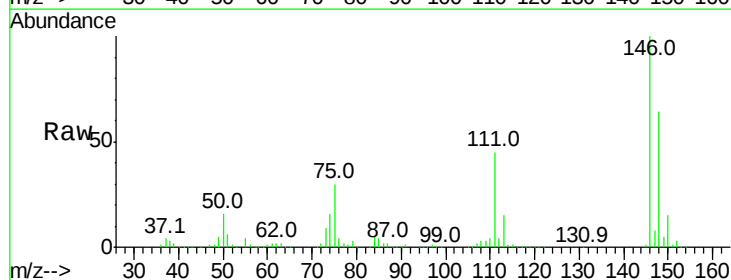
Tgt Ion:146 Resp: 308708

Ion Ratio Lower Upper

146 100

148 64.1 50.4 75.6

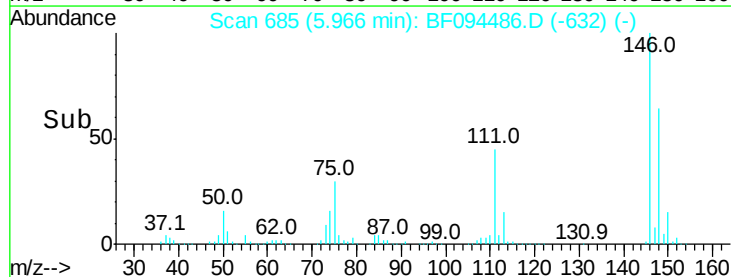
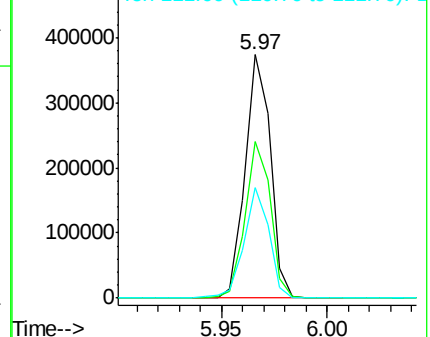
111 45.2 38.2 57.4

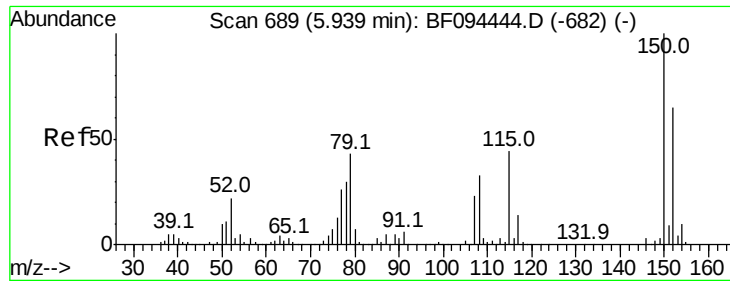


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

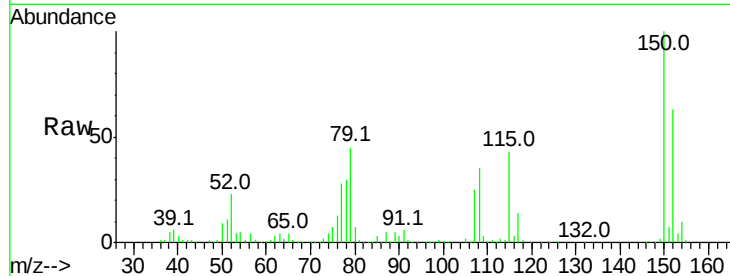




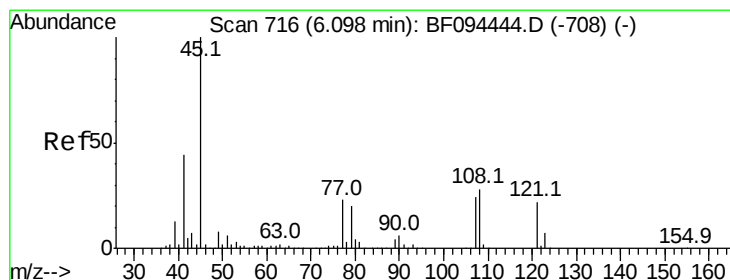
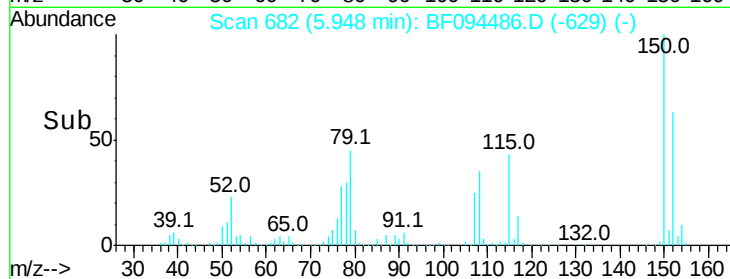
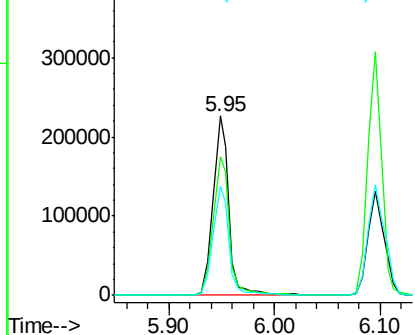
#15
Benzyl Alcohol
Concen: 35.98 ng
RT: 5.95 min Scan# 682
Delta R.T. 0.01 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 242002
Ion Ratio Lower Upper
79 100
108 77.1 63.4 95.0
77 61.3 49.2 73.8

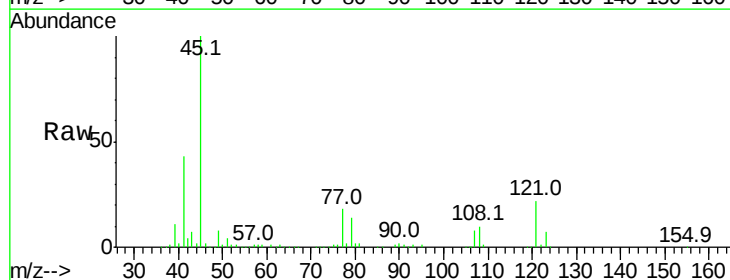


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

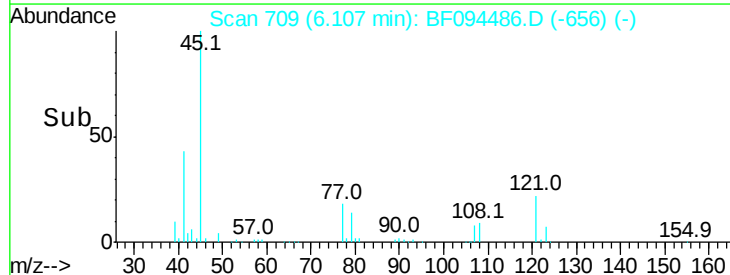
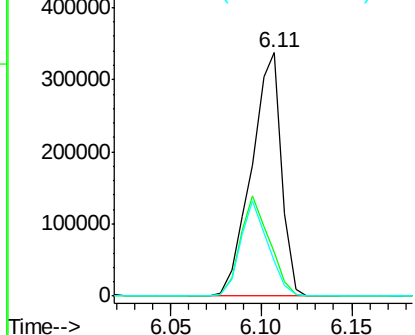


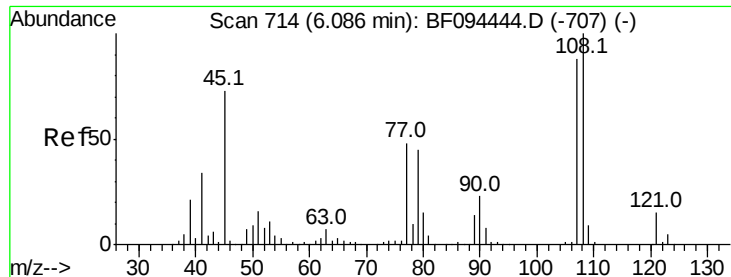
#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.40 ng
RT: 6.11 min Scan# 709
Delta R.T. 0.01 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Tgt Ion: 45 Resp: 388318
Ion Ratio Lower Upper
45 100
77 17.8 0.0 33.2
79 14.2 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: 35.76 ng

RT: 6.10 min Scan# 707

Delta R.T. 0.01 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 246439

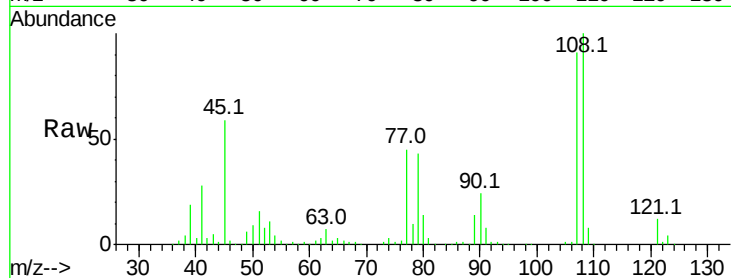
Ion Ratio Lower Upper

107 100

108 110.3 93.4 140.0

77 50.0 35.8 53.6

79 47.1 34.8 52.2

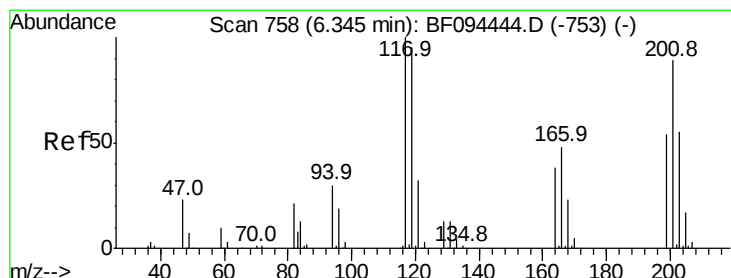
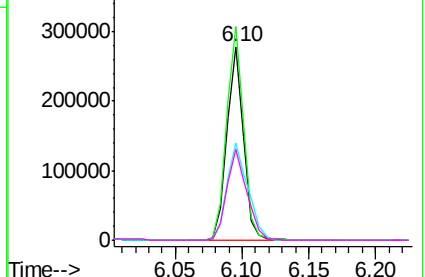
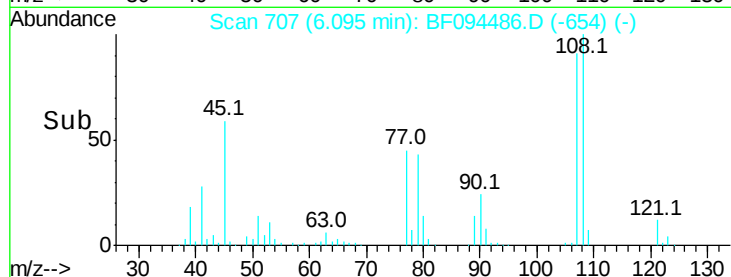


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 33.73 ng

RT: 6.35 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

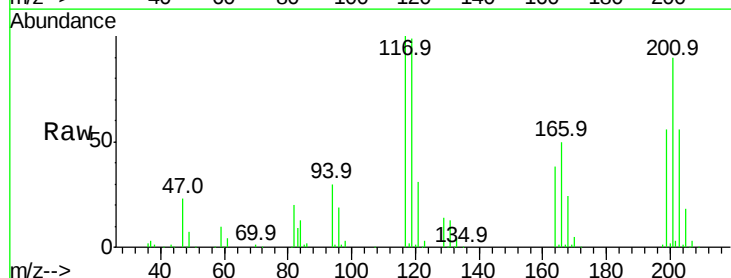
Tgt Ion:117 Resp: 112792

Ion Ratio Lower Upper

117 100

119 98.8 77.4 116.0

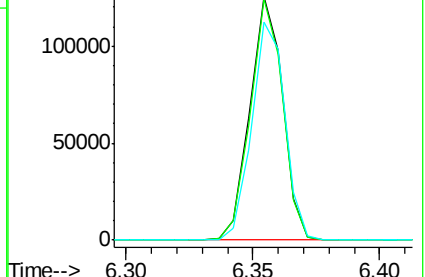
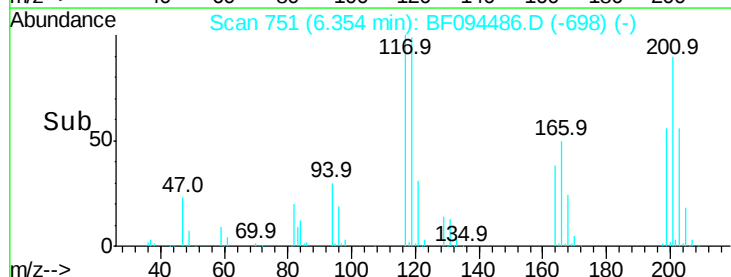
201 89.7 94.6 141.8#

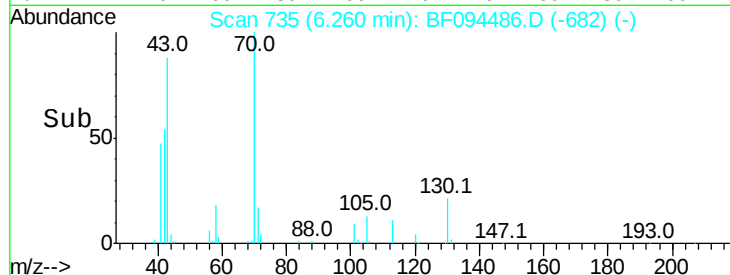
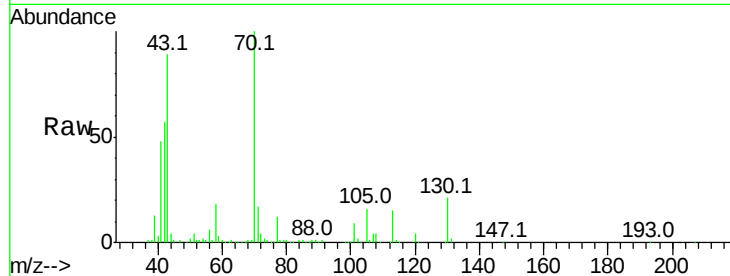
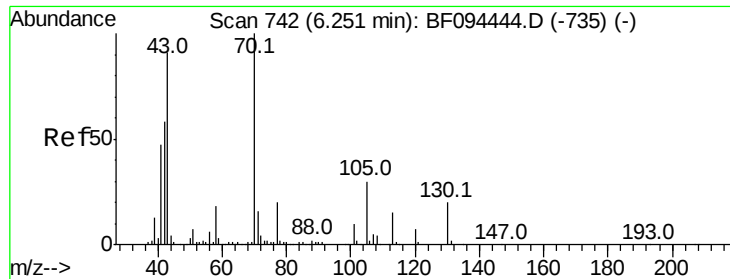


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

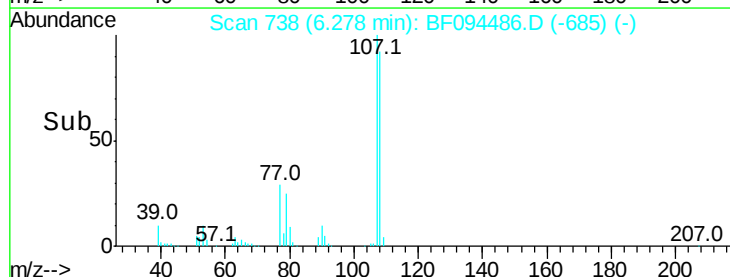
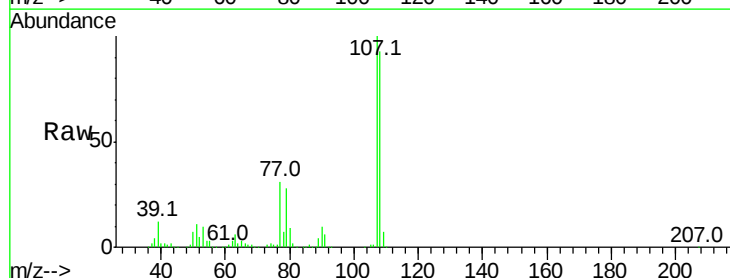
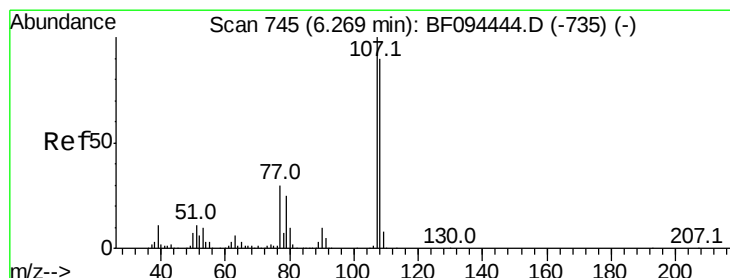
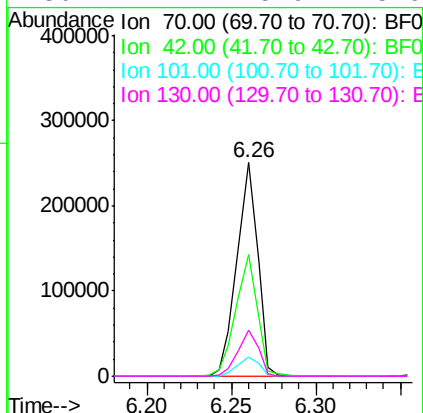




#19
n-Nitroso-di-n-propylamine
Concen: 35.94 ng
RT: 6.26 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

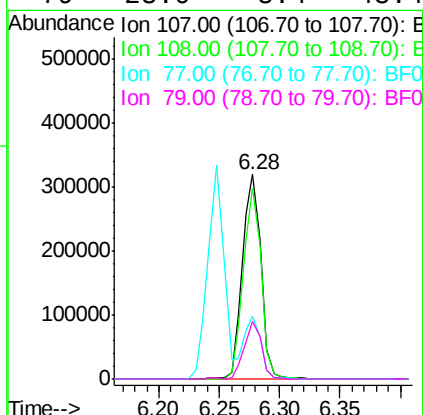
Instrument :
BNA_F
ClientSampleId :

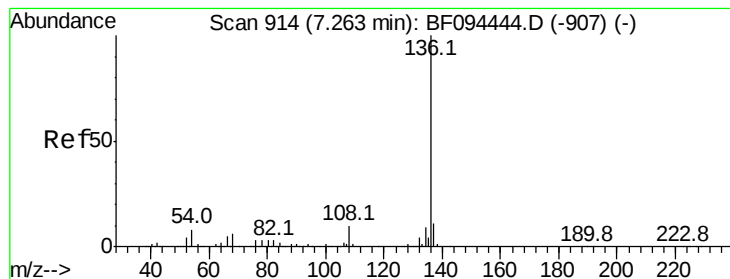
Tot Ion: 70 Resp: 215926
Ion Ratio Lower Upper
70 100
42 56.8 47.2 70.8
101 9.3 7.2 10.8
130 21.4 15.9 23.9



#20
3+4-Methylphenols
Concen: 36.88 ng
RT: 6.28 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Tgt Ion:107 Resp: 345362
Ion Ratio Lower Upper
107 100
108 93.0 71.0 111.0
77 30.6 90.5 130.5#
79 28.0 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.27 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Instrument :

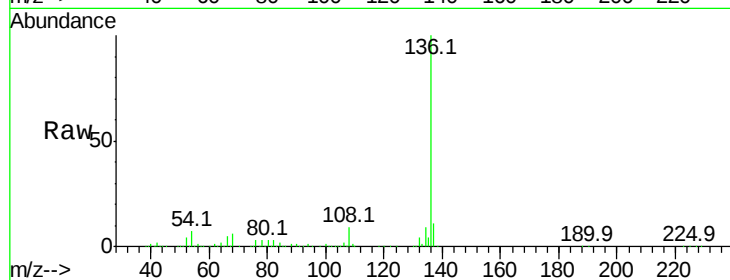
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 535066

Ion Ratio Lower Upper

136	100		
137	11.0	8.5	12.7
54	7.4	4.9	7.3#
68	5.8	4.1	6.1



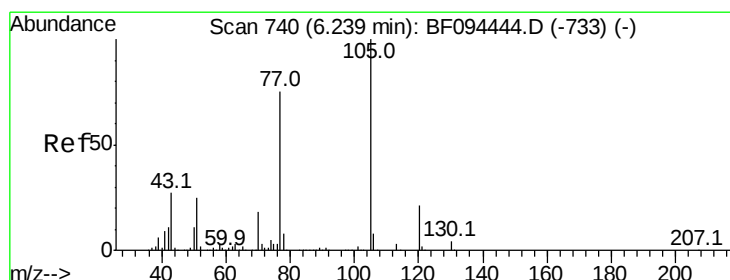
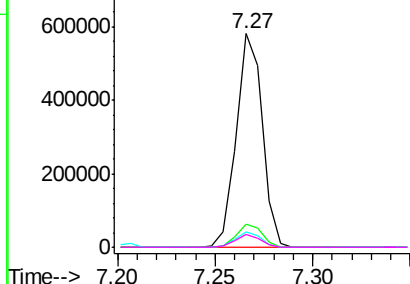
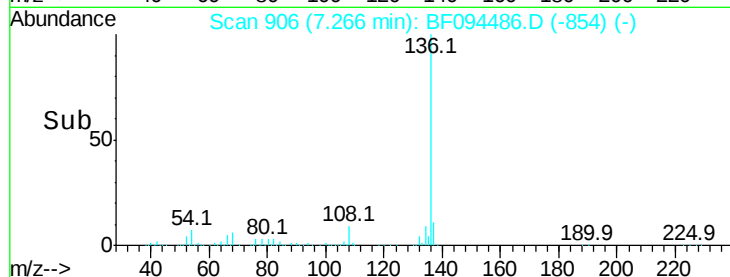
Abundance

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: 32.90 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

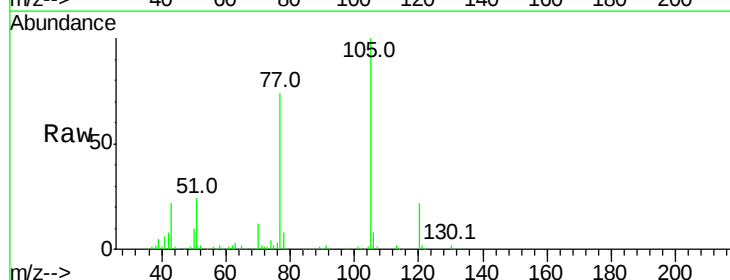
Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Tgt Ion:105 Resp: 428033

Ion Ratio Lower Upper

105	100		
71	2.1	2.8	4.2#
51	24.1	30.7	46.1#
120	22.3	17.4	26.0



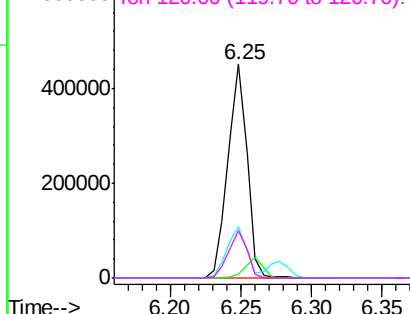
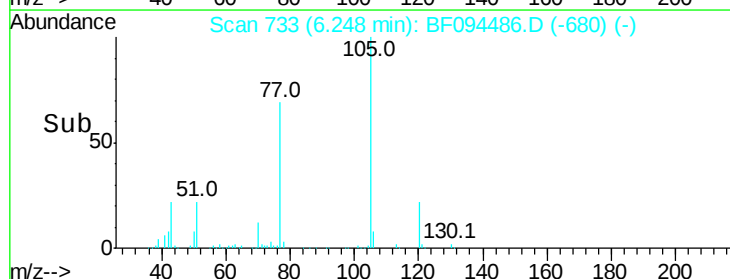
Abundance

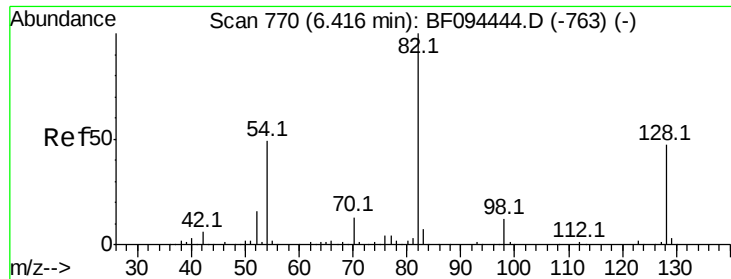
Ion 105.00 (104.70 to 105.70): E

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

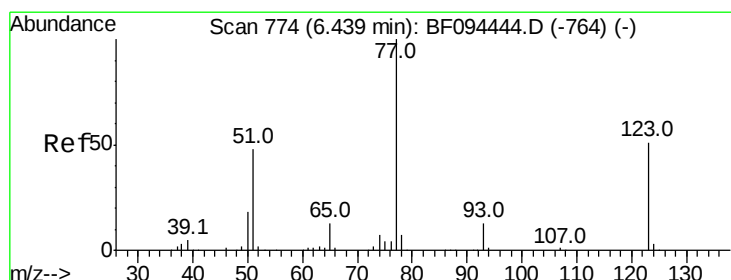
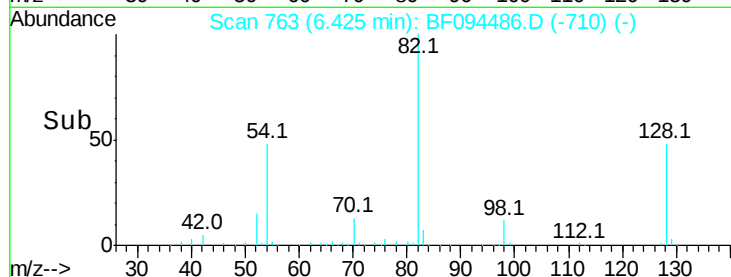
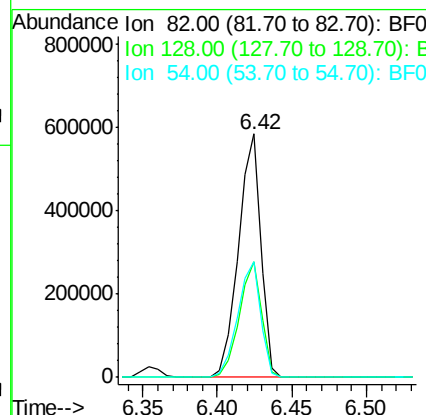
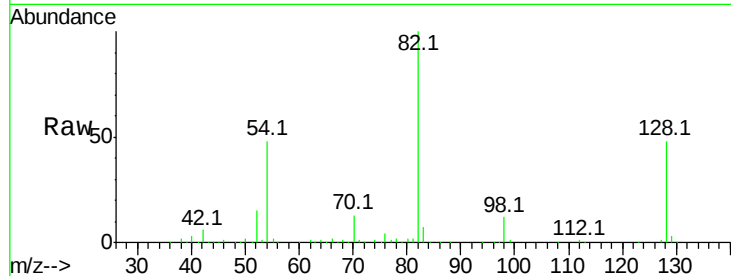




#23
 Nitrobenzene-d5
 Concen: 70.86 ng
 RT: 6.42 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

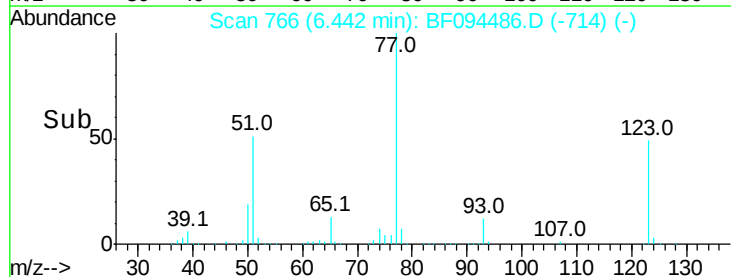
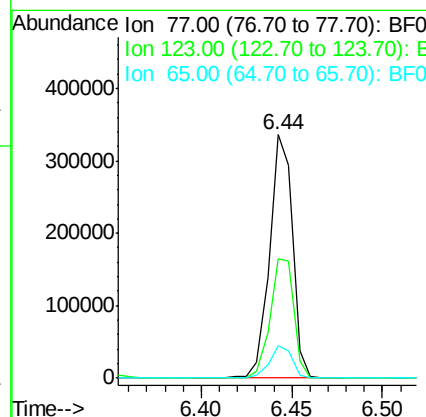
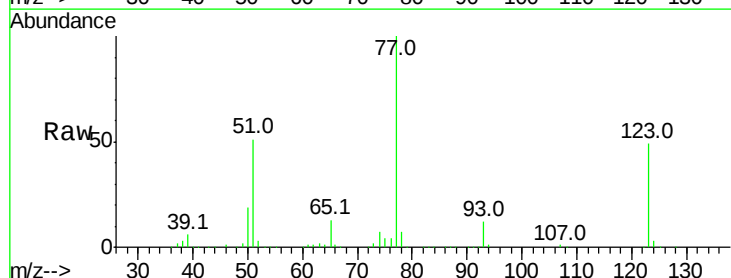
Instrument :
 BNA_F
 ClientSampleId :

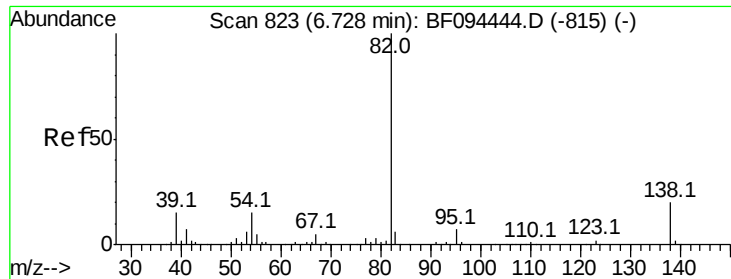
Tot Ion	82	Resp	614046
Ion Ratio	100		
Lower	34.0		
Upper	51.0		
54	47.6	42.2	63.2



#24
 Nitrobenzene
 Concen: 32.39 ng
 RT: 6.44 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Tgt Ion	77	Resp	295523
Ion Ratio	100		
Lower	35.8		
Upper	53.8		
65	13.4	10.6	15.8





#25

Isophorone

Concen: 35.53 ng

RT: 6.73 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Instrument :
BNA_F
ClientSampleId :

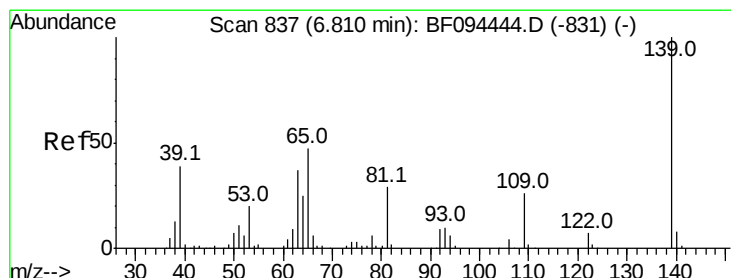
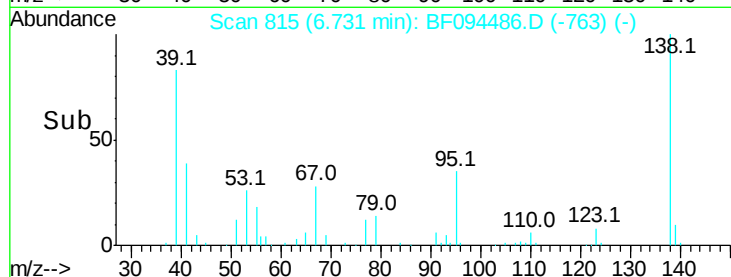
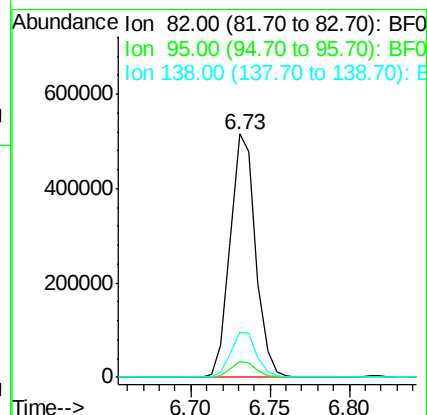
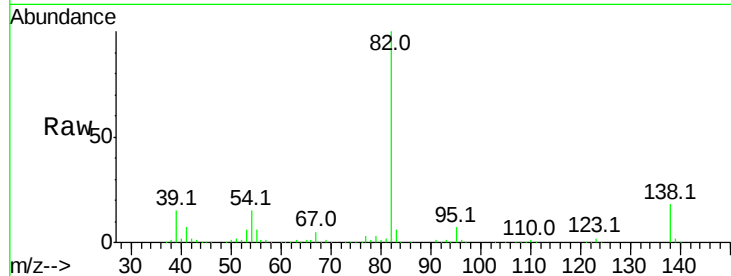
Tot Ion: 82 Resp: 570795

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 18.4 13.1 19.7



#26

2-Nitrophenol

Concen: 33.54 ng

RT: 6.82 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

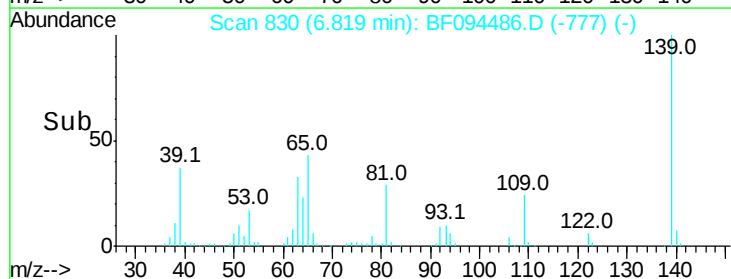
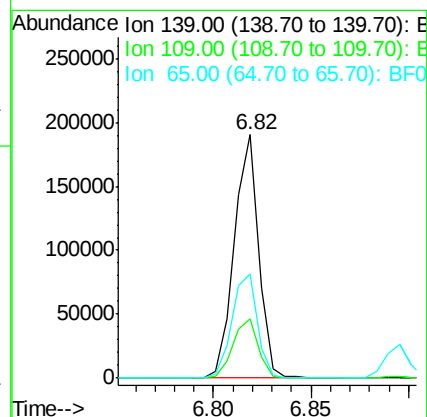
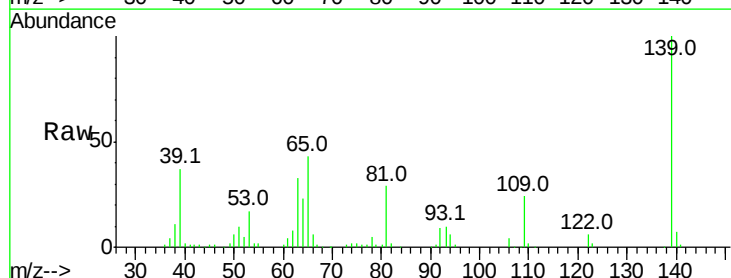
Tgt Ion:139 Resp: 164409

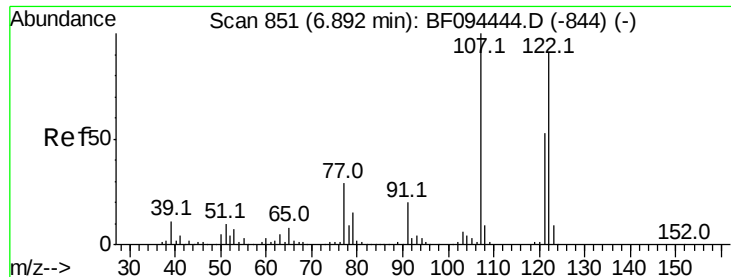
Ion Ratio Lower Upper

139 100

109 24.5 21.0 31.6

65 42.8 33.0 49.6

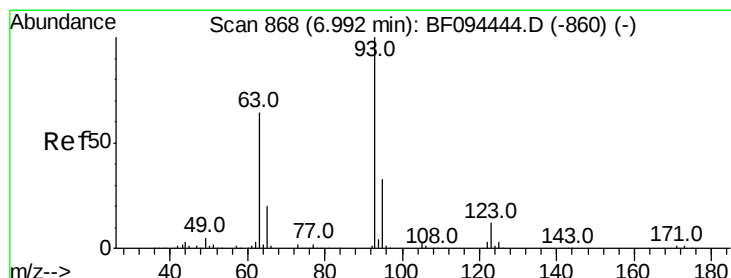
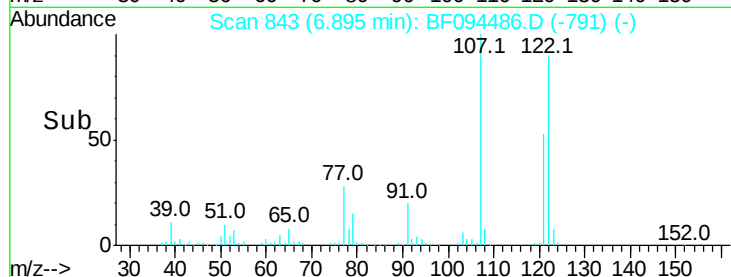
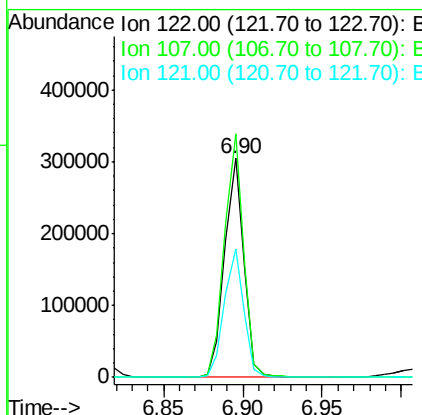
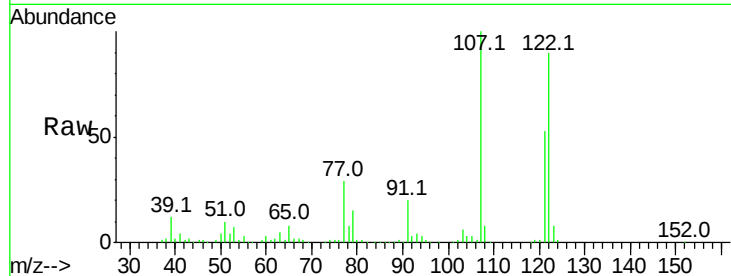




#27
 2,4-Dimethylphenol
 Concen: 32.26 ng
 RT: 6.90 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

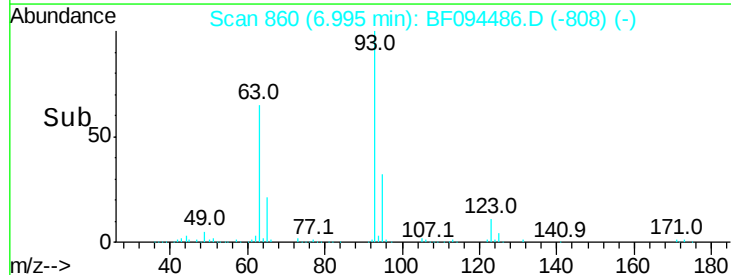
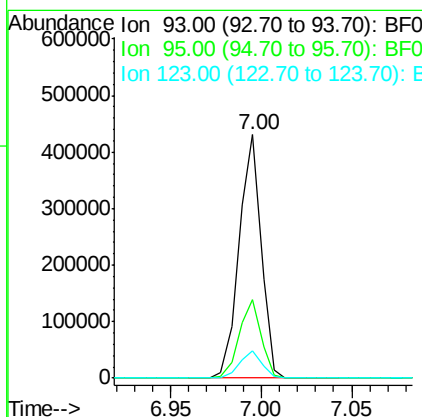
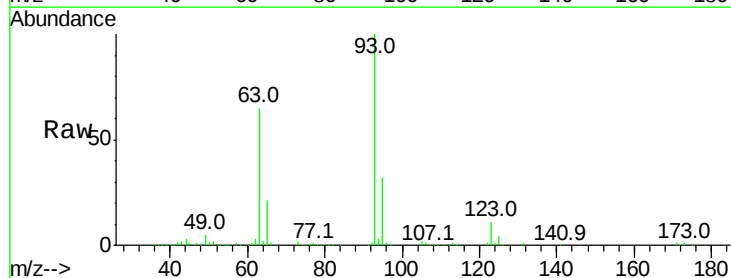
Instrument :
 BNA_F
 ClientSampled :

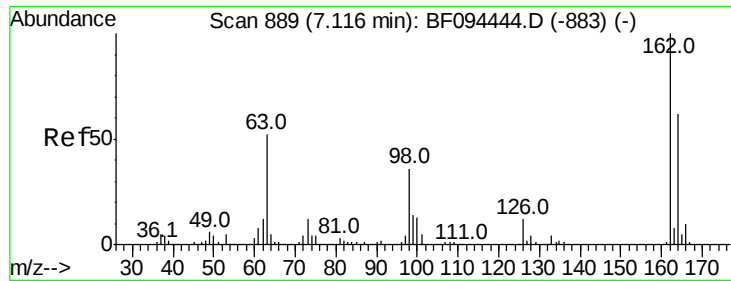
Tot Ion:122 Resp: 256902
 Ion Ratio Lower Upper
 122 100
 107 111.3 89.2 133.8
 121 59.0 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.02 ng
 RT: 7.00 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Tgt Ion: 93 Resp: 363876
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.5 39.7
 123 11.1 9.0 13.4

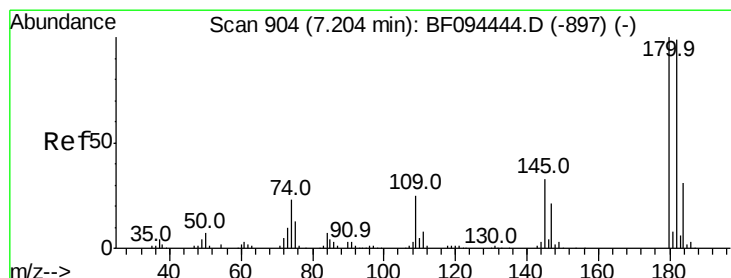
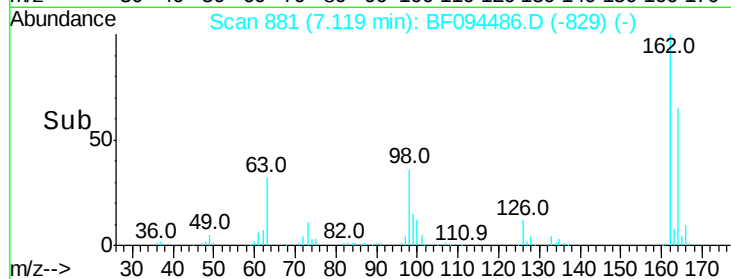
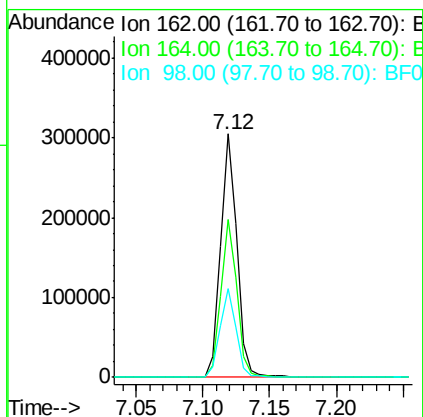
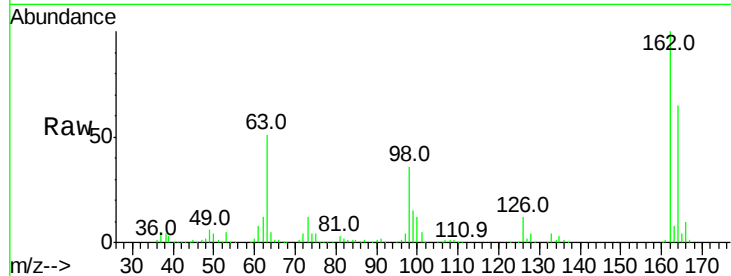




#29
 2,4-Dichlorophenol
 Concen: 35.78 ng
 RT: 7.12 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

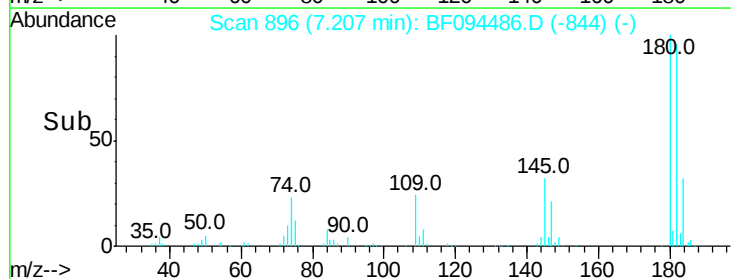
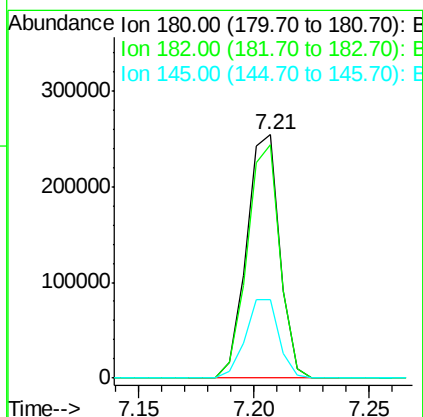
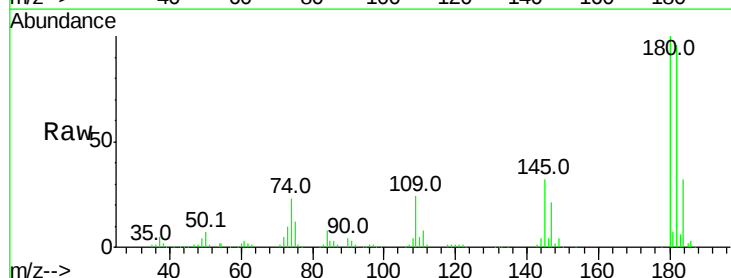
Instrument :
 BNA_F
 ClientSampleId :

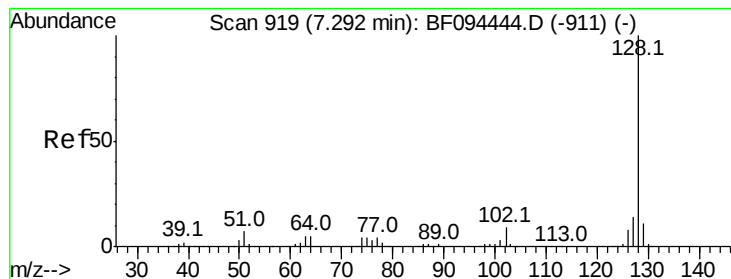
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.6	84.6
98	36.4	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 33.28 ng
 RT: 7.21 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.8	113.6
145	32.1	25.3	37.9





#31

Naphthalene

Concen: 33.69 ng

RT: 7.30 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Instrument :

BNA_F

ClientSampleId :

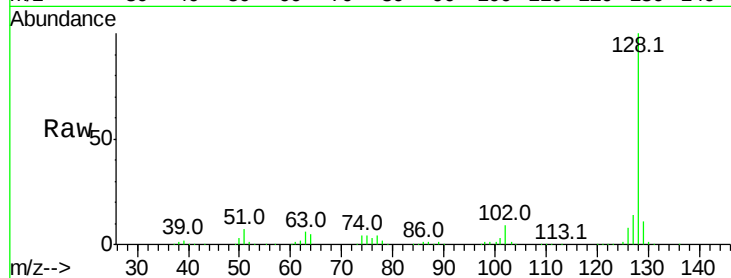
Tot Ion:128 Resp: 866538

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

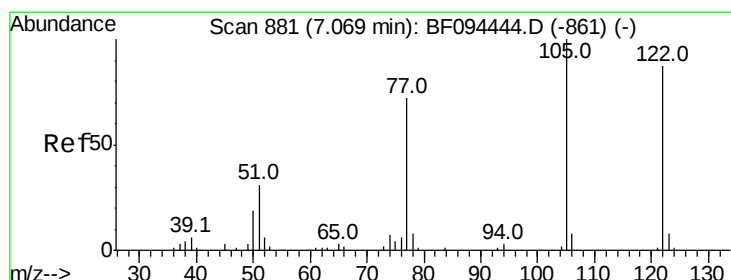
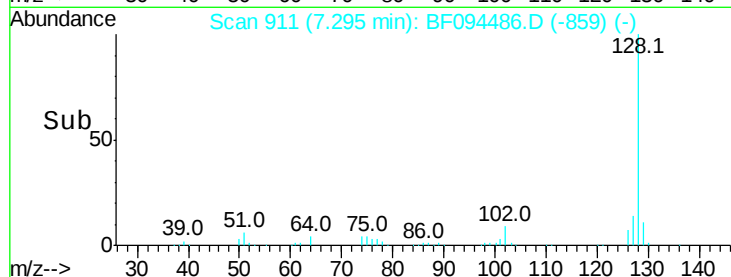
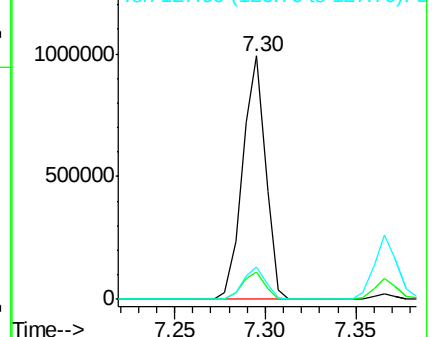
127 13.6 10.8 16.2



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: 5.23 ng

RT: 7.01 min Scan# 863

Delta R.T. -0.06 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

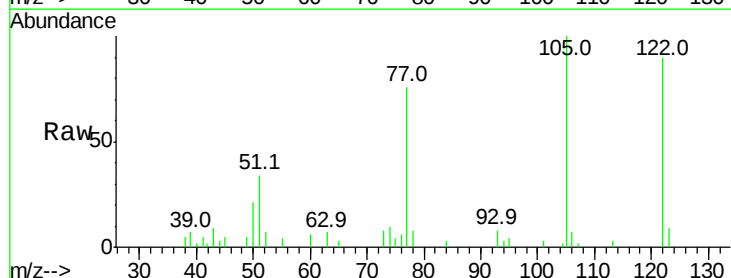
Tgt Ion:122 Resp: 22040

Ion Ratio Lower Upper

122 100

105 111.3 103.3 143.3

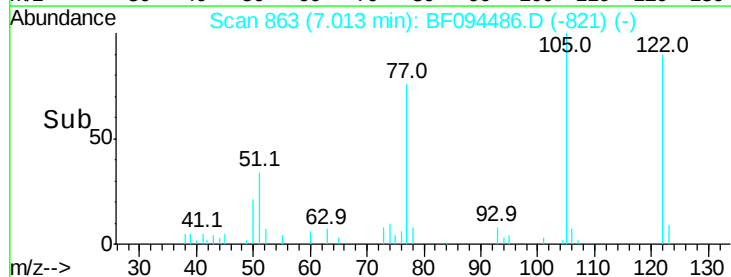
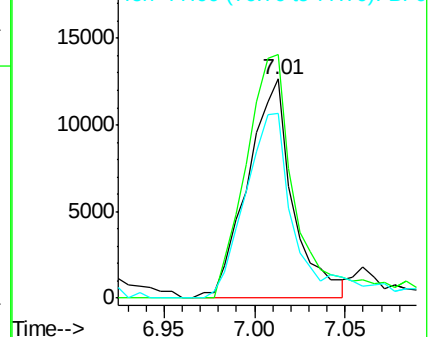
77 84.6 73.7 113.7

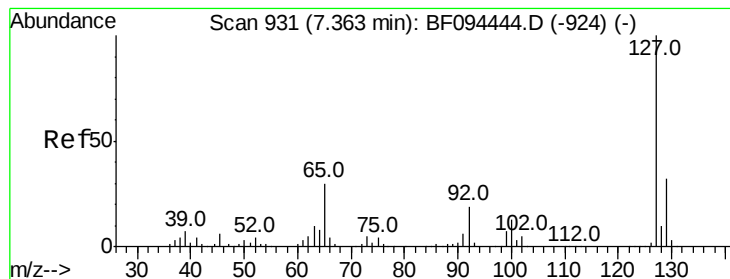


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 22.55 ng

RT: 7.37 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF094486.D

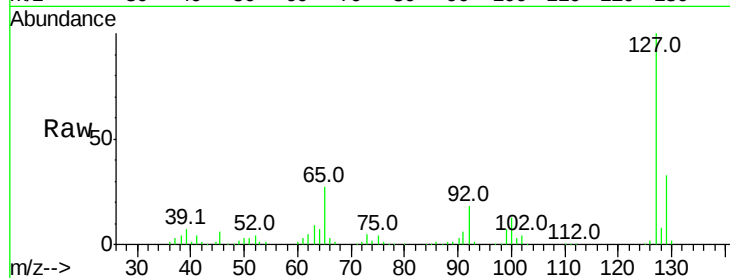
Acq: 18 Apr 2017 14:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	241299
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	27.5	27.8	41.8#
92	18.3	16.8	25.2

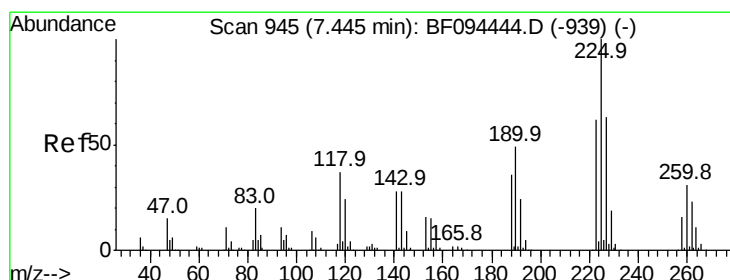
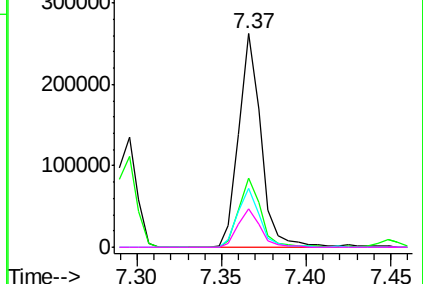
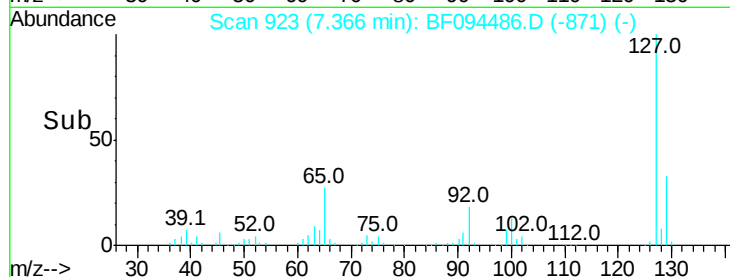


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 32.13 ng

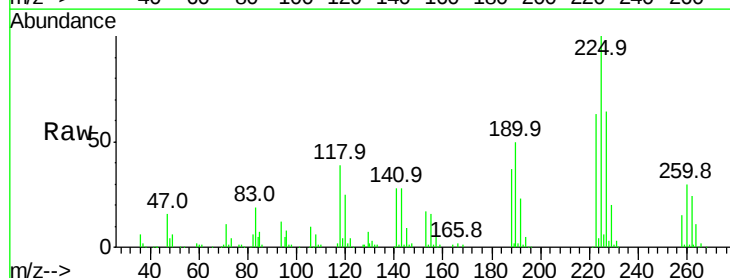
RT: 7.45 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

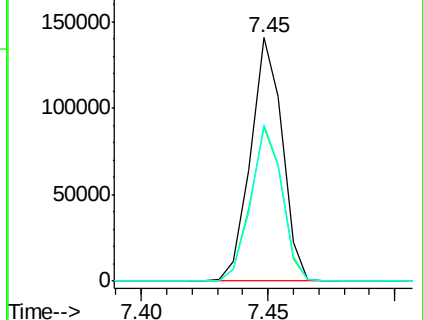
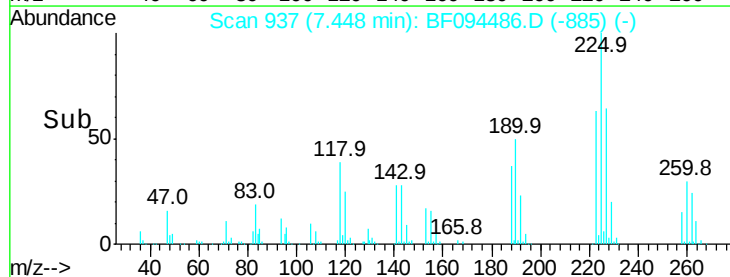
Tgt Ion:	225	Resp:	122695
Ion	Ratio	Lower	Upper
225	100		
223	63.4	48.8	73.2
227	64.1	51.1	76.7

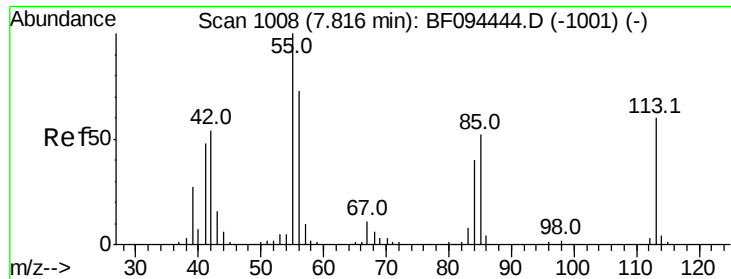


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

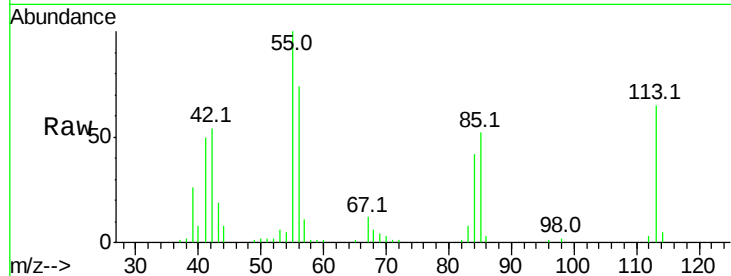




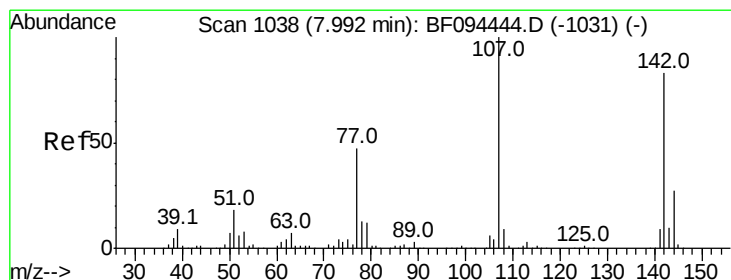
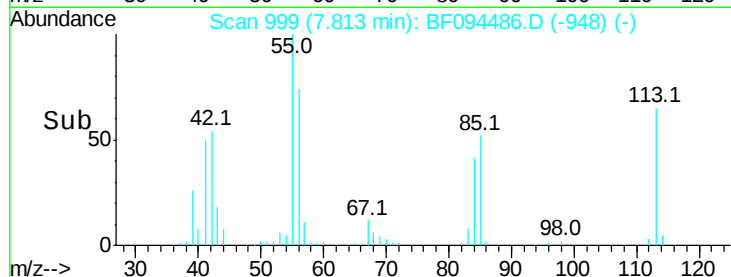
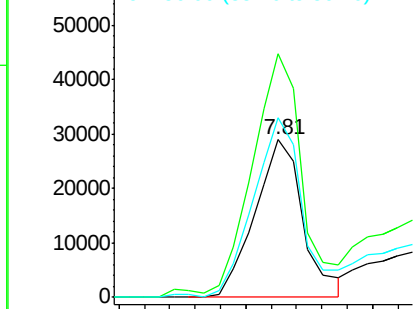
#35
 Caprolactam
 Concen: 16.52 ng
 RT: 7.81 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 38438
 Ion Ratio Lower Upper
 113 100
 55 154.5 150.2 190.2
 56 113.8 107.8 147.8

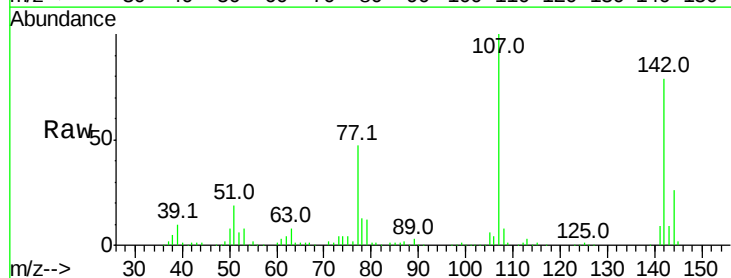


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

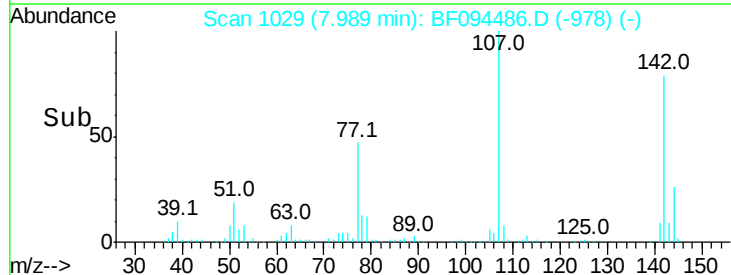
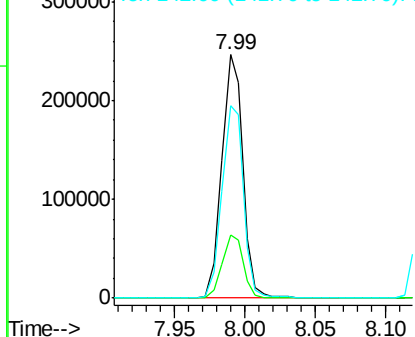


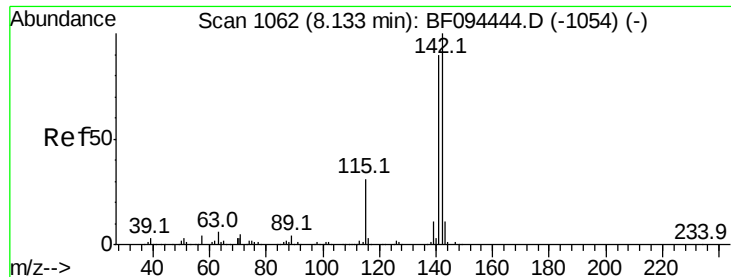
#36
 4-Chloro-3-methylphenol
 Concen: 32.92 ng
 RT: 7.99 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Tgt Ion:107 Resp: 255592
 Ion Ratio Lower Upper
 107 100
 144 25.8 24.2 36.4
 142 79.1 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

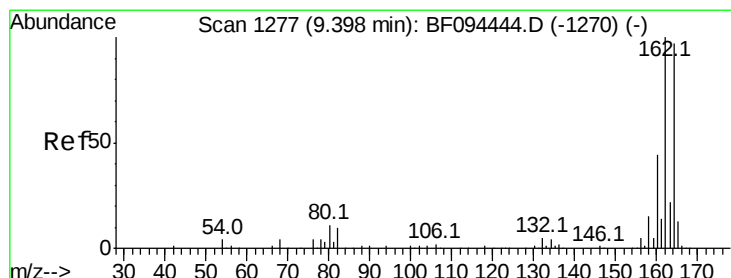
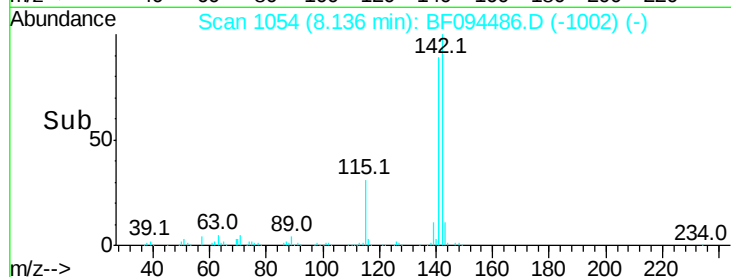
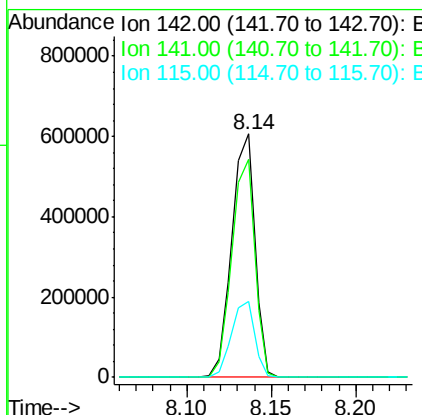
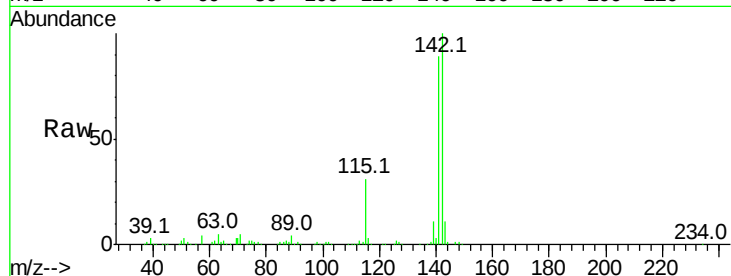




#37
 2-Methylnaphthalene
 Concen: 32.79 ng
 RT: 8.14 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

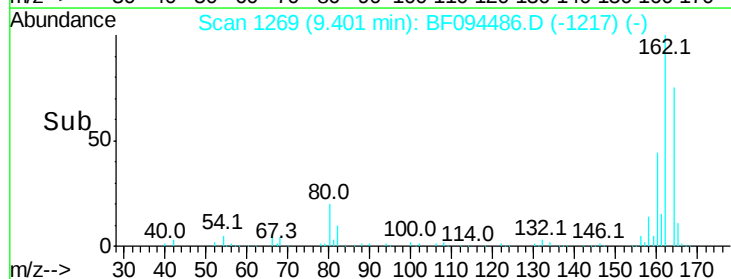
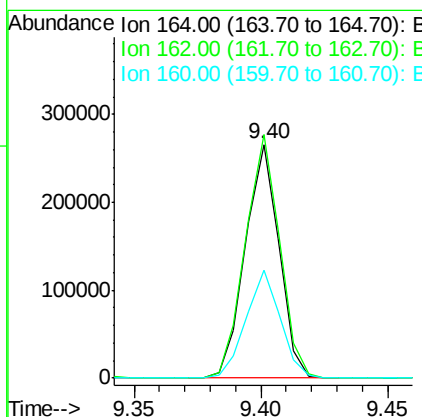
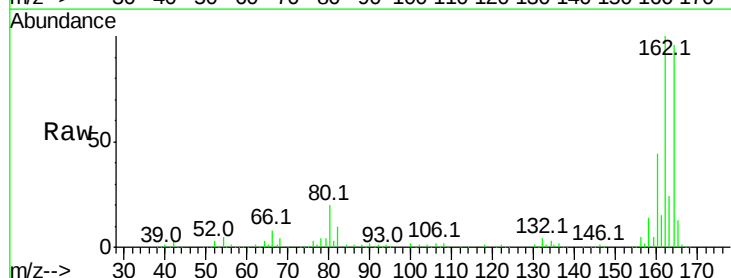
Instrument :
 BNA_F
 ClientSampleId :

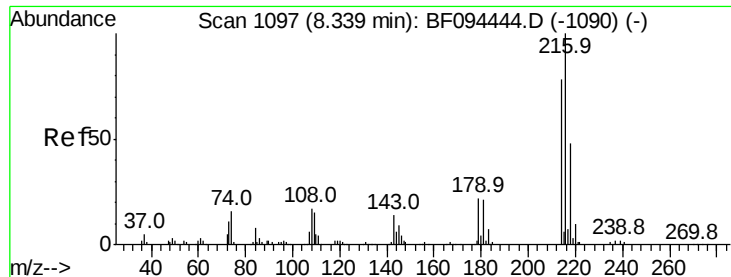
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.3	106.9
115	31.0	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.6	123.8
160	46.0	36.2	54.2

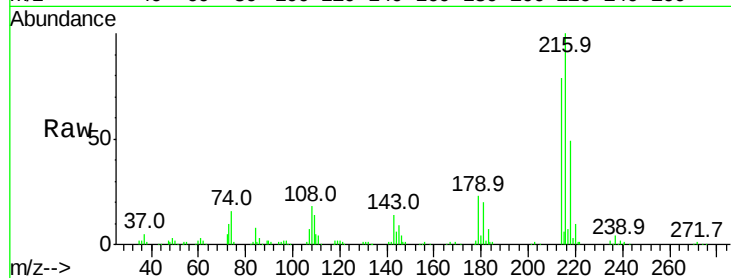




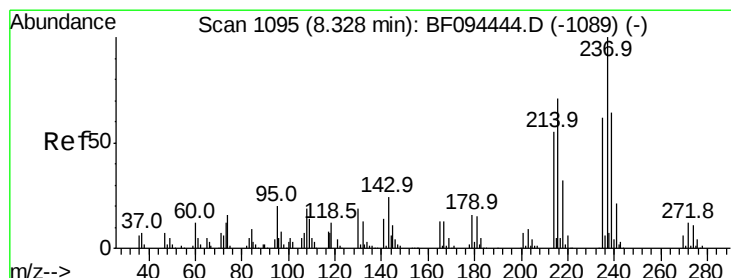
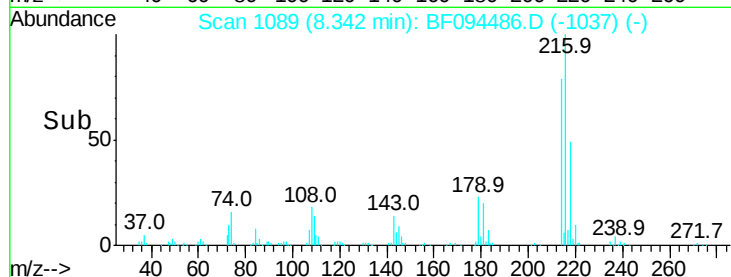
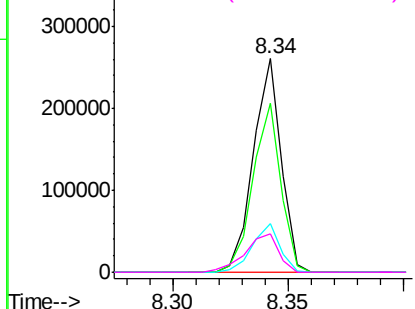
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.46 ng
 RT: 8.34 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	220796
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.2
179	22.4	17.9	26.9
108	21.7	16.5	24.7

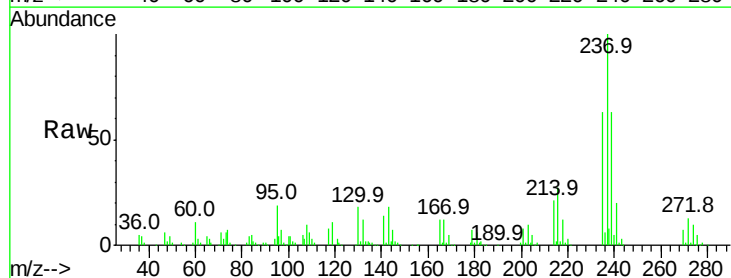


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

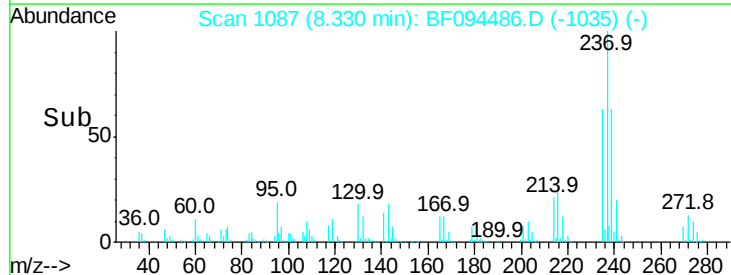
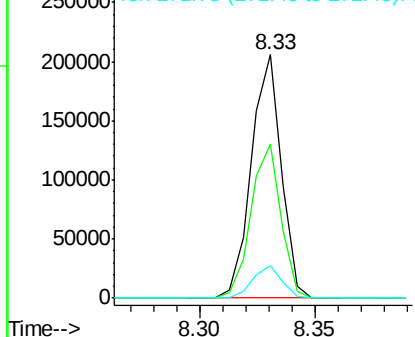


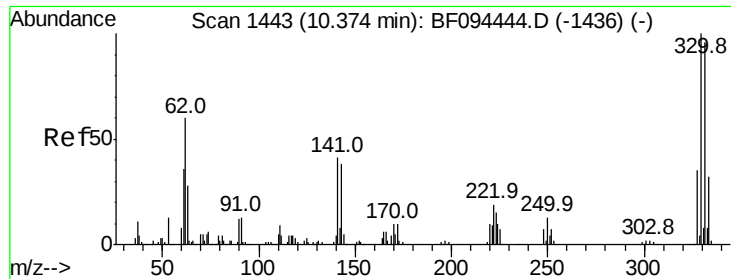
#40
 Hexachlorocyclopentadiene
 Concen: 65.60 ng
 RT: 8.33 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Tgt Ion:	237	Resp:	186216
Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.6	82.6
272	13.3	0.0	31.9



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

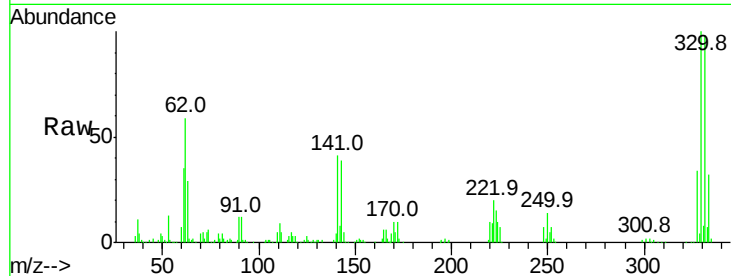




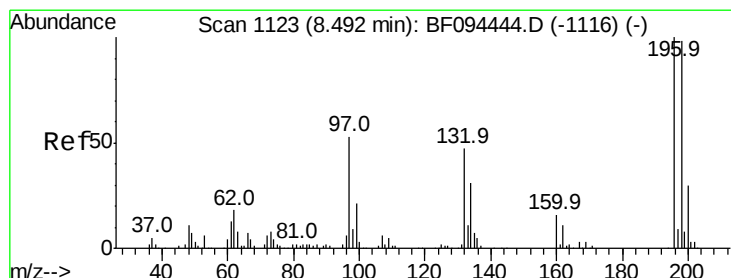
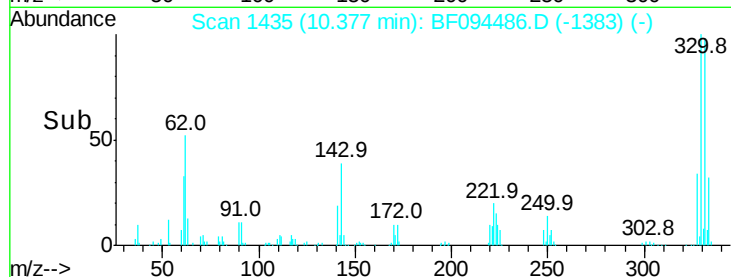
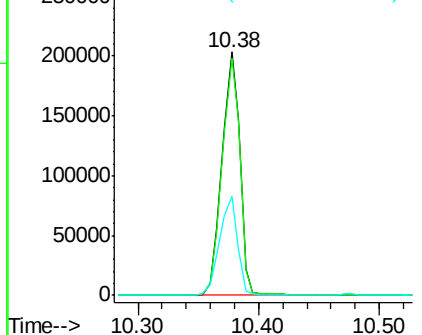
#41
 2,4,6-Tribromophenol
 Concen: 108.39 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 208933
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 115.0
 141 40.7 31.4 47.2

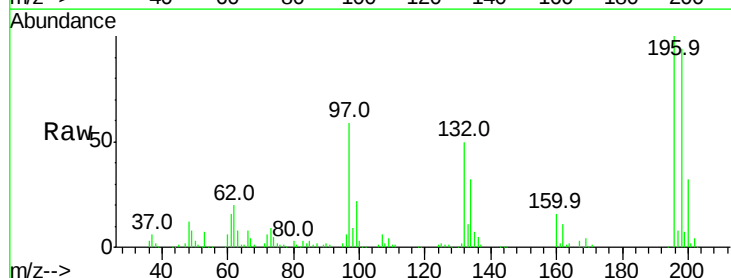


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

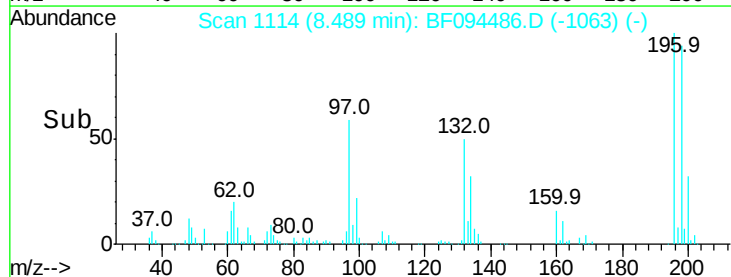
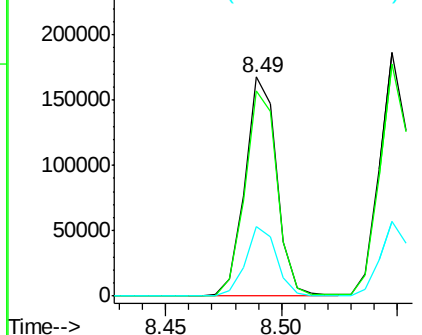


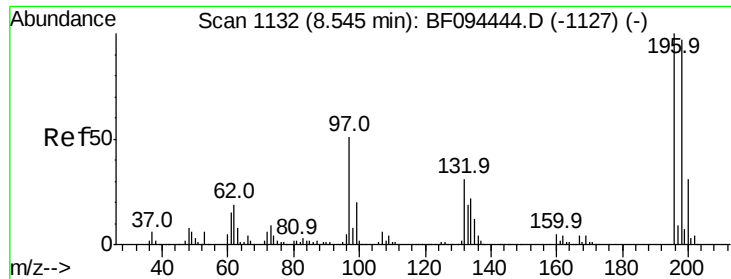
#42
 2,4,6-Trichlorophenol
 Concen: 32.73 ng
 RT: 8.49 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Tgt Ion:196 Resp: 161311
 Ion Ratio Lower Upper
 196 100
 198 94.0 74.2 111.4
 200 31.9 24.0 36.0



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

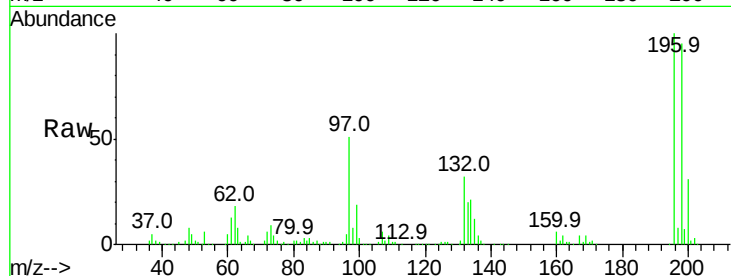




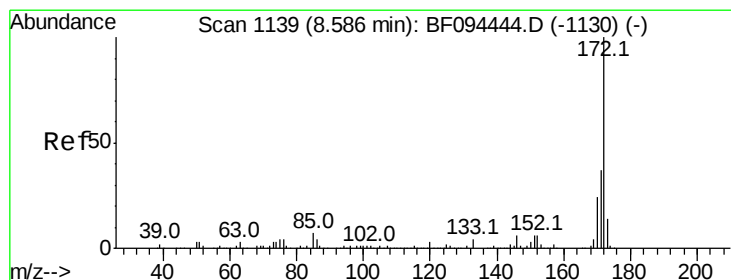
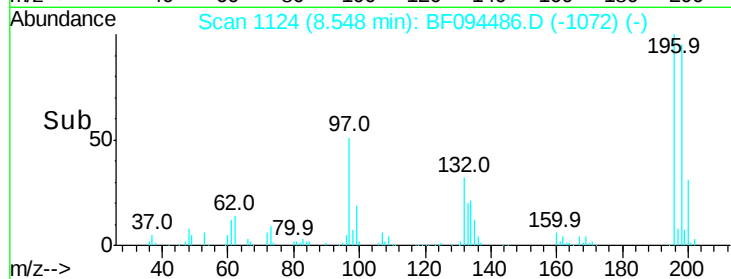
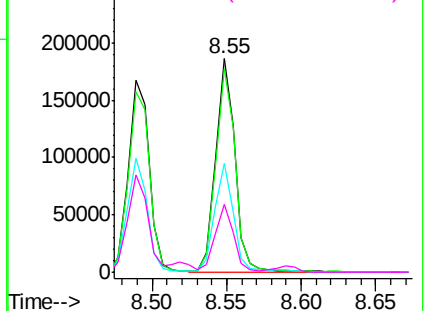
#43
 2,4,5-Trichlorophenol
 Concen: 33.19 ng
 RT: 8.55 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 167974
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.7 113.5
 97 50.8 47.7 71.5
 132 31.9 28.0 42.0

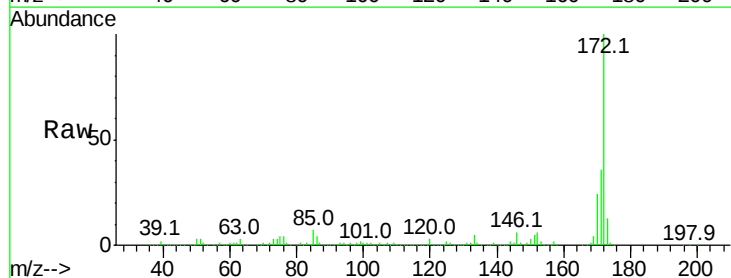


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

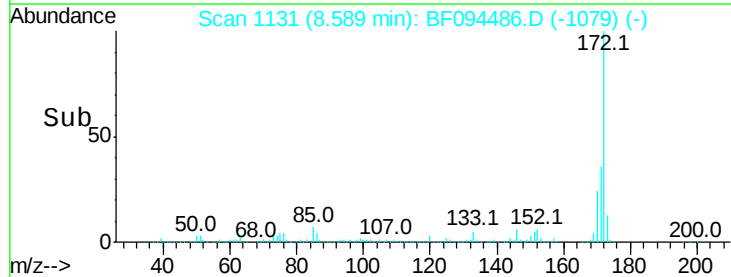
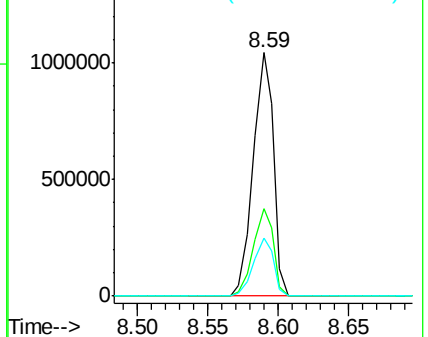


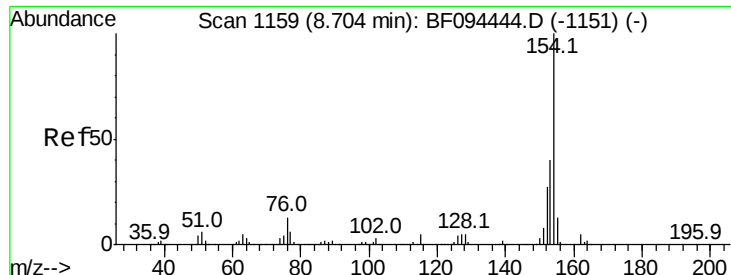
#44
 2-Fluorobiphenyl
 Concen: 63.20 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Tgt Ion:172 Resp: 1058540
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 24.0 19.8 29.8



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

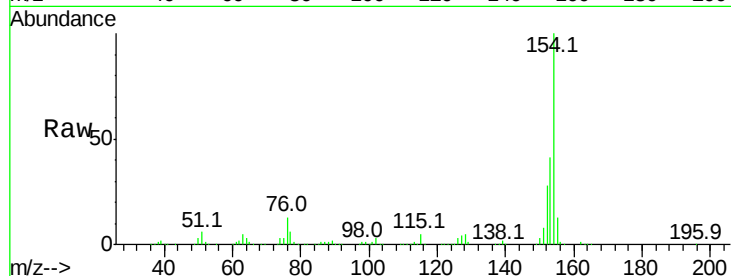




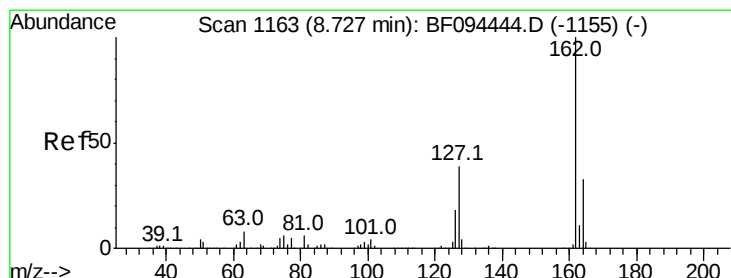
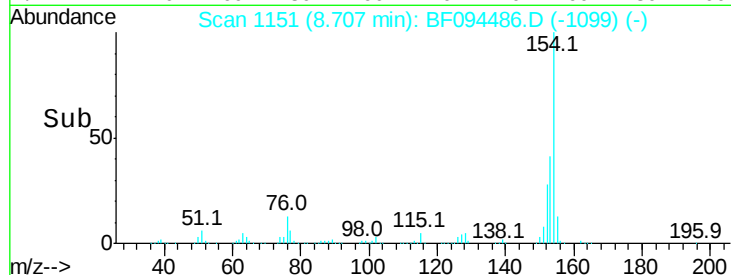
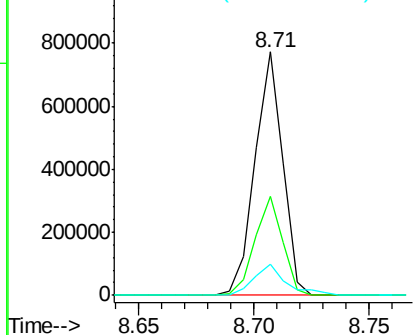
#45
 1,1'-Biphenyl
 Concen: 32.30 ng
 RT: 8.71 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.2	61.2
76	12.7	0.0	29.9

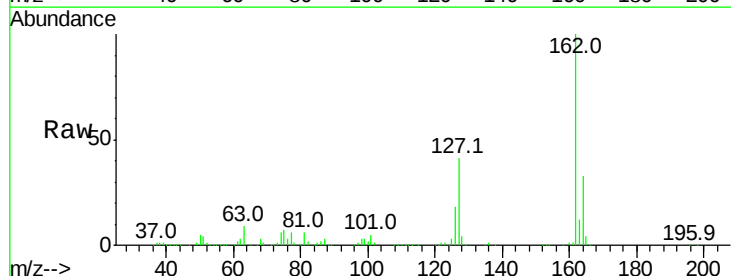


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

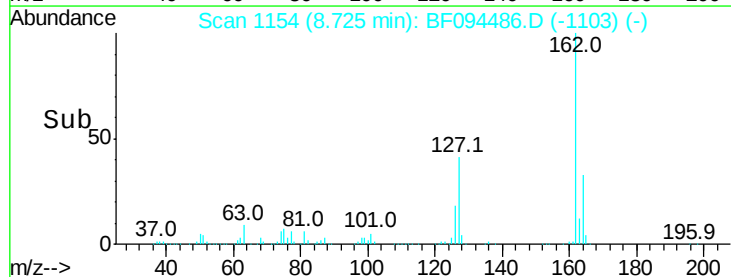
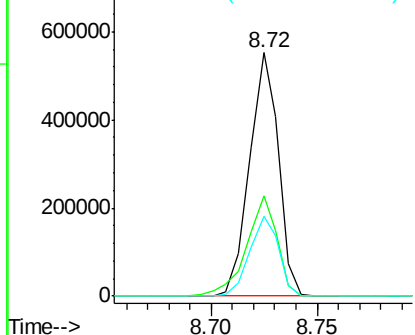


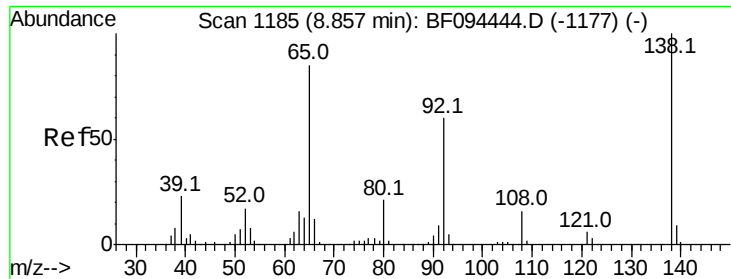
#46
 2-Chloronaphthalene
 Concen: 32.76 ng
 RT: 8.72 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.3	28.3	42.5
164	32.8	27.0	40.4



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

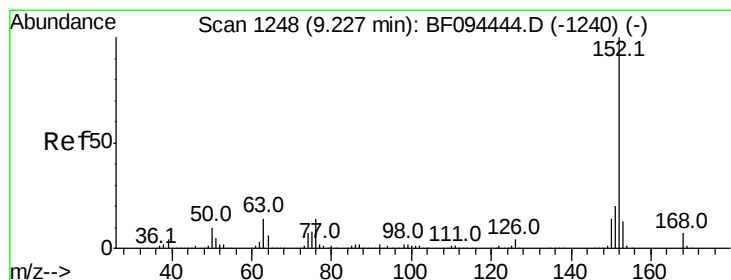
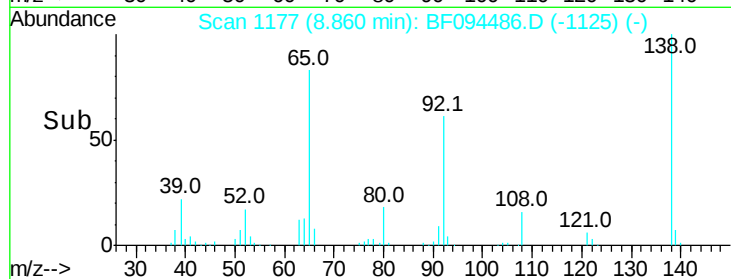
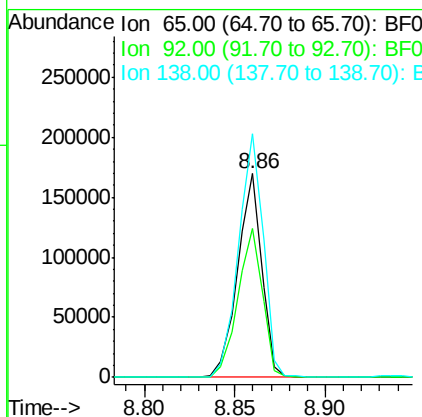
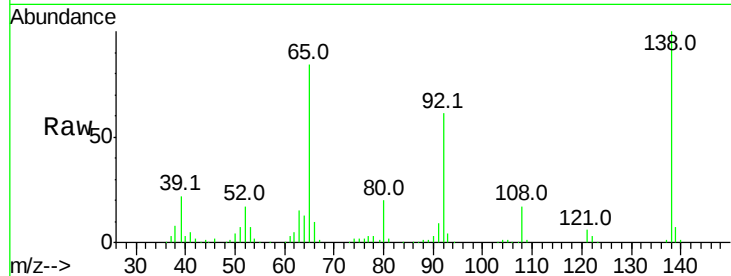




#47
 2-Nitroaniline
 Concen: 34.06 ng
 RT: 8.86 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

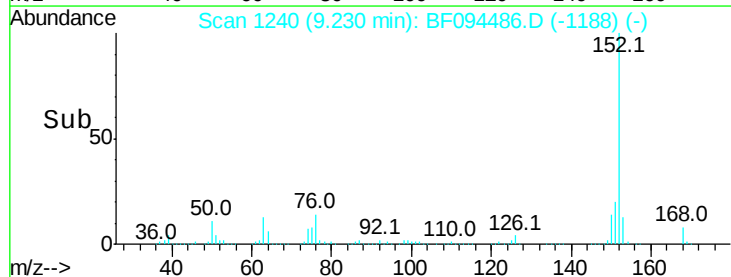
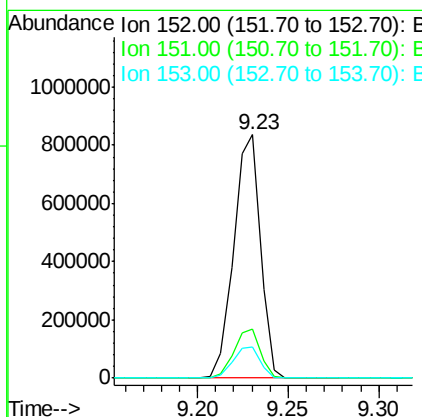
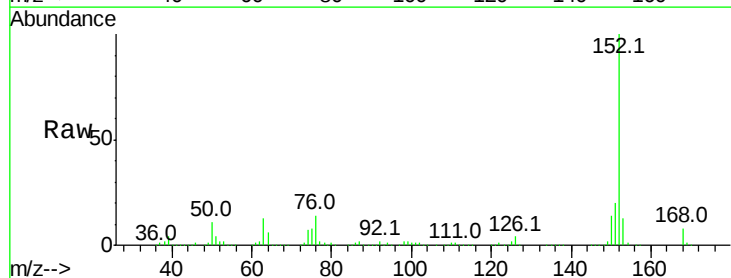
Instrument :
 BNA_F
 ClientSampleId :

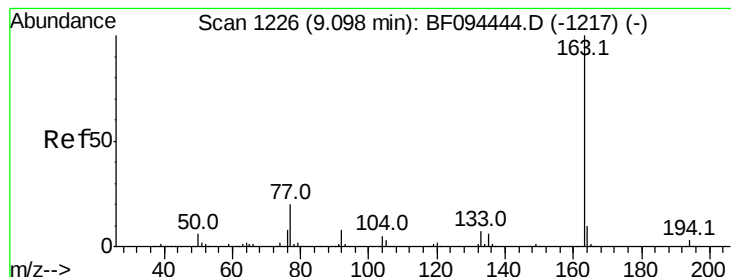
Tot Ion: 65 Resp: 156851
 Ion Ratio Lower Upper
 65 100
 92 73.0 53.9 80.9
 138 119.4 78.8 118.2#



#48
 Acenaphthylene
 Concen: 34.12 ng
 RT: 9.23 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Tgt Ion:152 Resp: 851408
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.8 25.2
 153 12.9 10.8 16.2





#49

Dimethylphthalate

Concen: 60.34 ng

RT: 9.11 min Scan# 1219

Delta R.T. 0.01 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Instrument :

BNA_F

ClientSampleId :

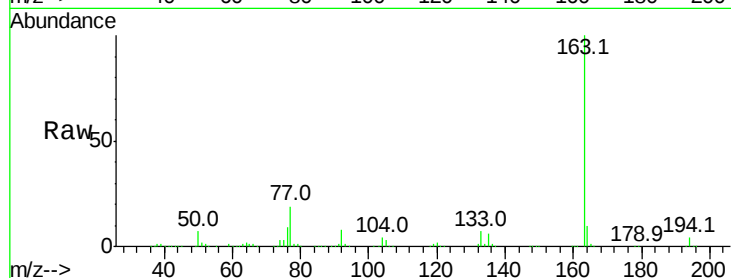
Tot Ion:163 Resp: 1108159

Ion Ratio Lower Upper

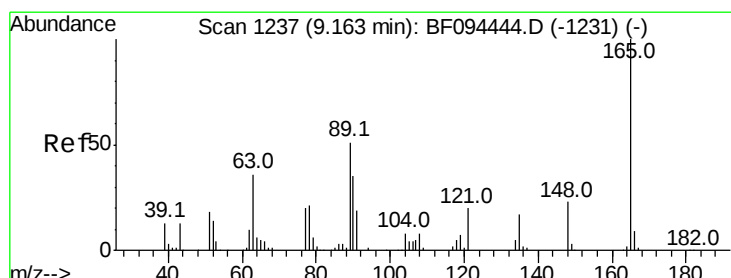
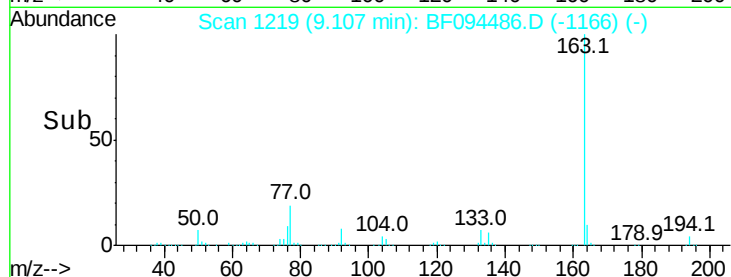
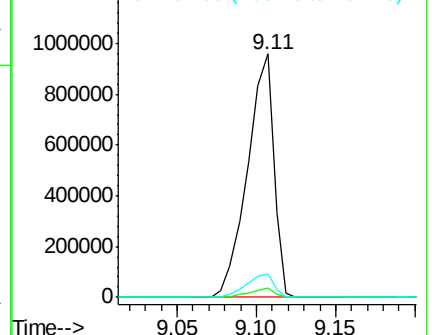
163 100

194 3.7 2.6 4.0

164 9.8 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: 36.86 ng

RT: 9.17 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

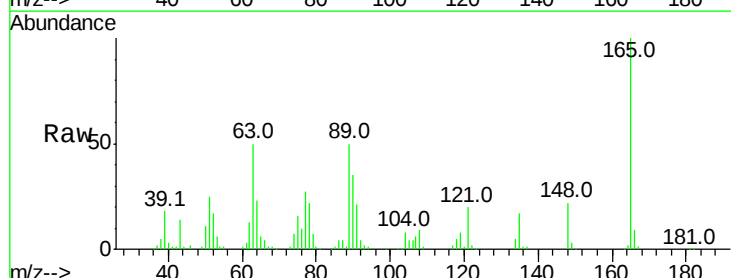
Tgt Ion:165 Resp: 151949

Ion Ratio Lower Upper

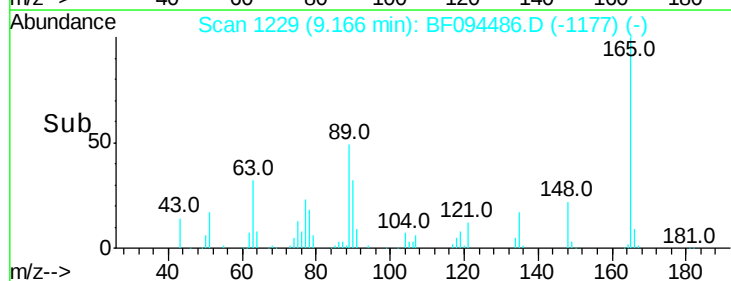
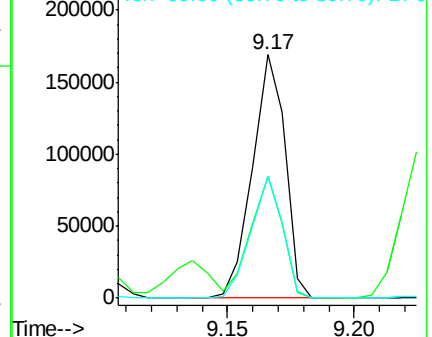
165 100

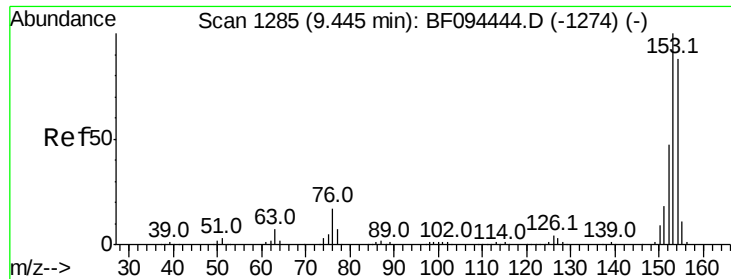
63 50.0 34.3 51.5

89 50.0 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

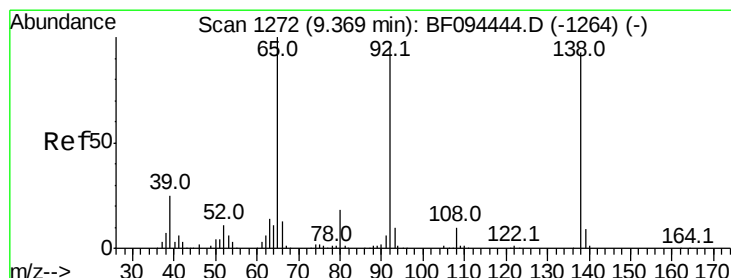
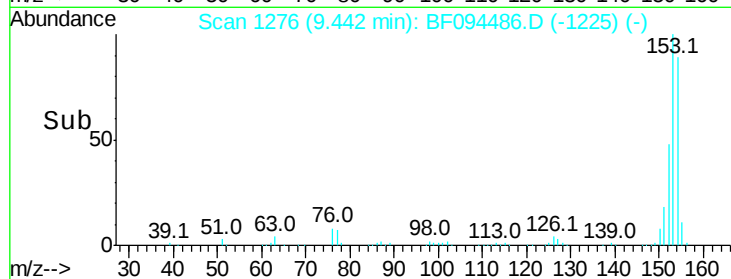
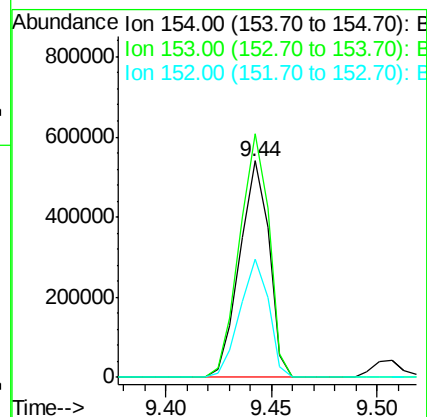
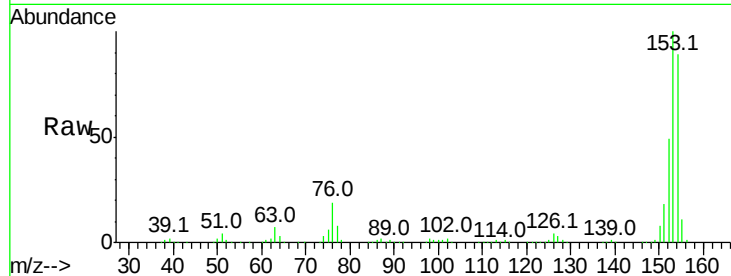




#51
Acenaphthene
Concen: 34.75 ng
RT: 9.44 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

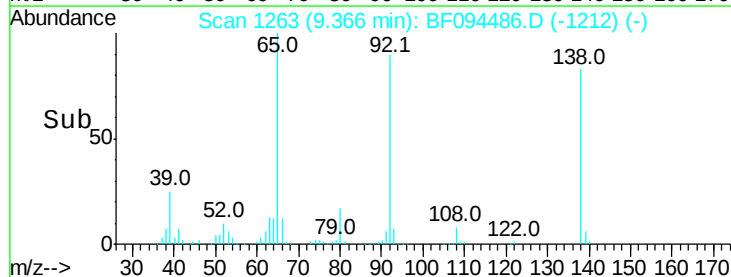
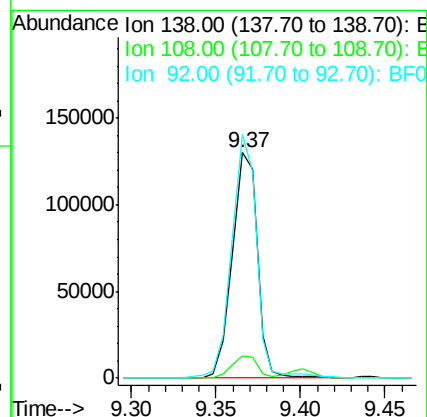
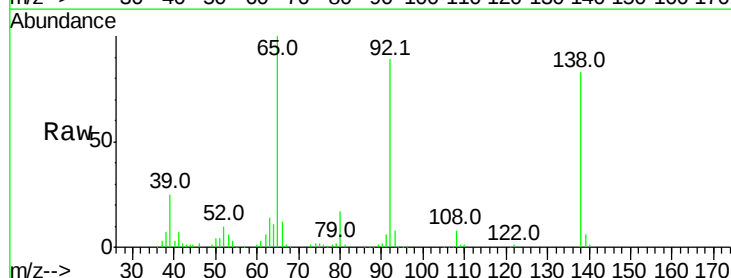
Instrument :
BNA_F
ClientSampleId :

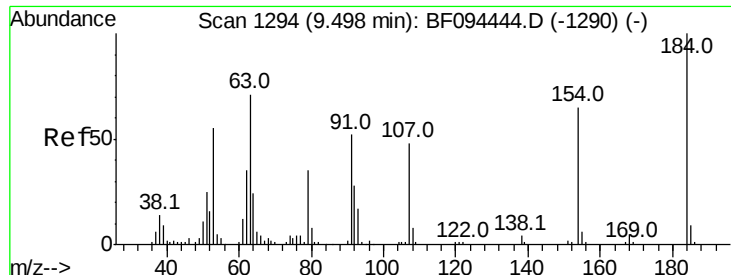
Tot Ion:154 Resp: 519379
Ion Ratio Lower Upper
154 100
153 112.4 90.5 135.7
152 54.5 43.6 65.4



#52
3-Nitroaniline
Concen: 28.13 ng
RT: 9.37 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Tgt Ion:138 Resp: 134180
Ion Ratio Lower Upper
138 100
108 10.0 9.1 13.7
92 108.0 93.8 140.6

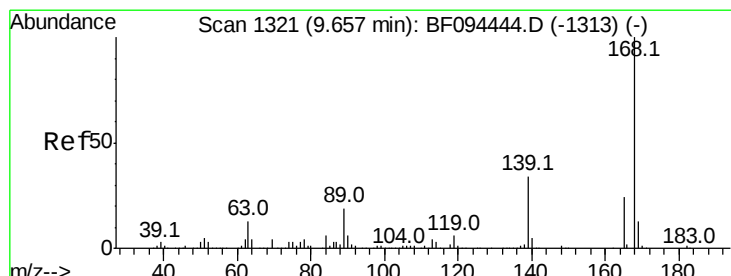
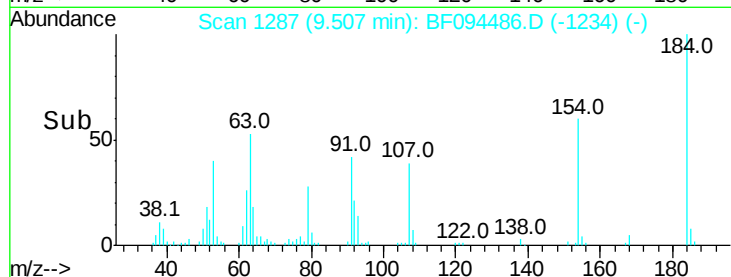
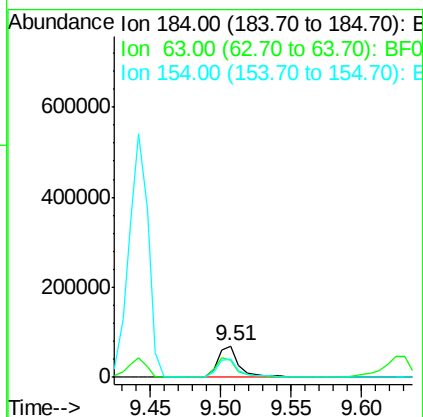
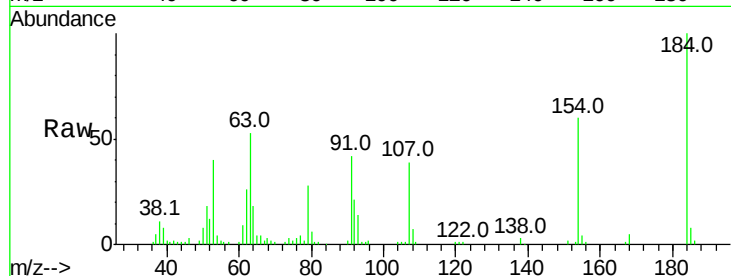




#53
 2,4-Dinitrophenol
 Concen: 37.38 ng
 RT: 9.51 min Scan# 1287
 Delta R.T. 0.01 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

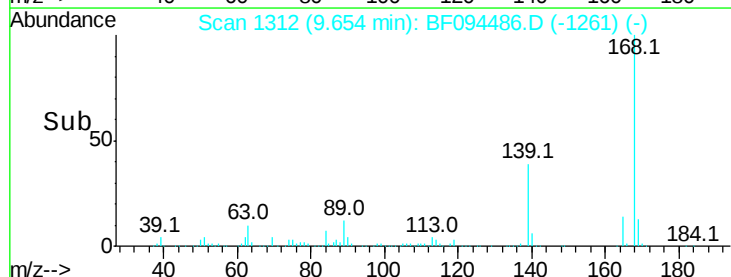
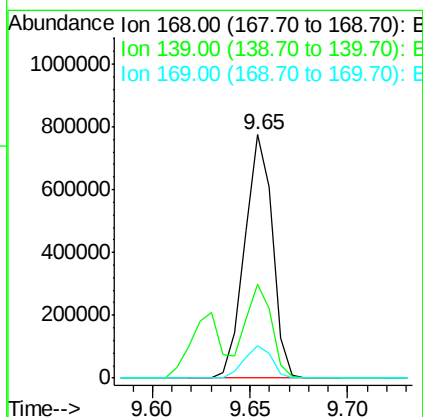
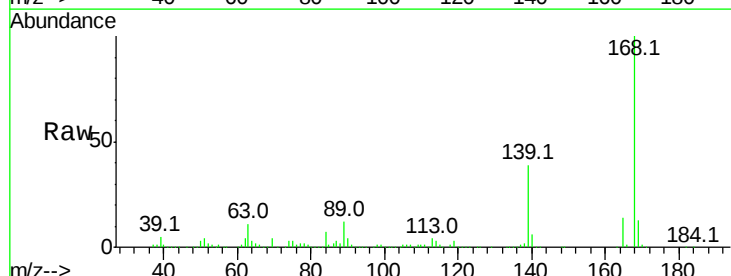
Instrument :
 BNA_F
 ClientSampleId :

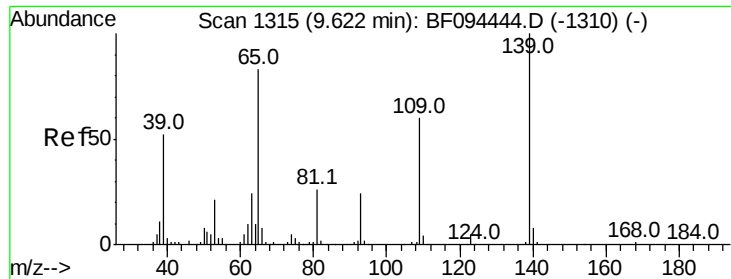
Tot Ion:184 Resp: 76205
 Ion Ratio Lower Upper
 184 100
 63 52.8 62.7 94.1#
 154 60.1 81.1 121.7#



#54
 Dibenzofuran
 Concen: 34.93 ng
 RT: 9.65 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Tgt Ion:168 Resp: 758914
 Ion Ratio Lower Upper
 168 100
 139 38.8 30.6 45.8
 169 13.4 10.8 16.2





#55

4-Nitrophenol

Concen: 70.05 ng

RT: 9.63 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Instrument :

BNA_F

ClientSampleId :

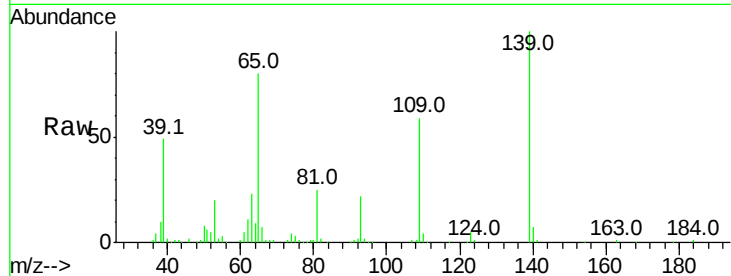
Tot Ion:139 Resp: 236022

Ion Ratio Lower Upper

139 100

109 59.1 34.1 74.1

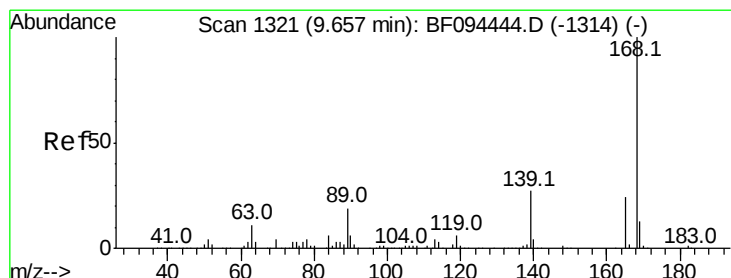
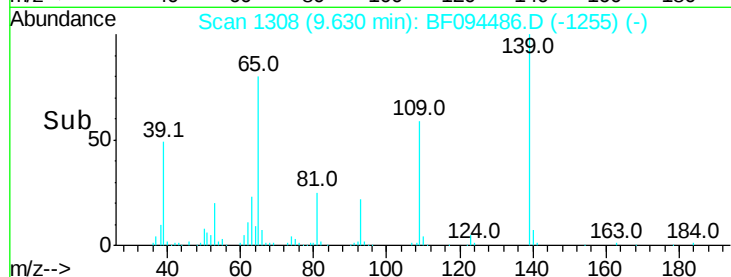
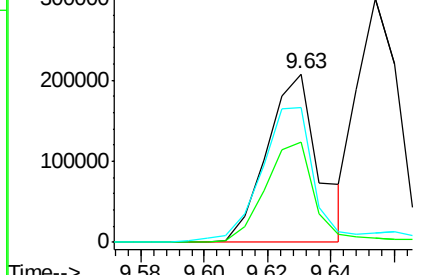
65 80.0 31.4 71.4#



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: 37.50 ng

RT: 9.66 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Tgt Ion:165 Resp: 189690

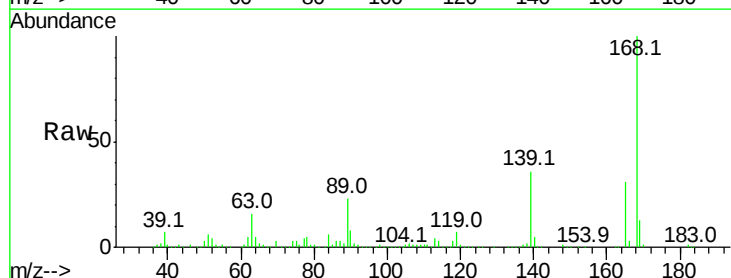
Ion Ratio Lower Upper

165 100

63 53.0 25.4 38.0#

89 74.0 46.4 69.6#

182 2.3 1.8 2.6

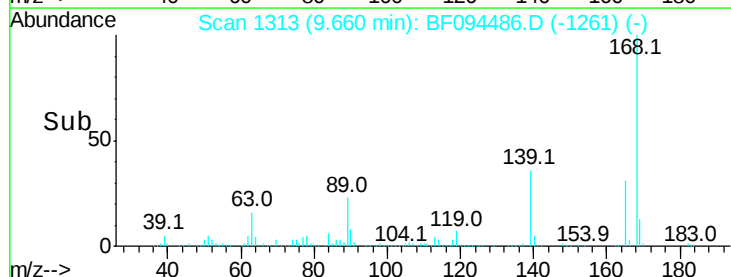
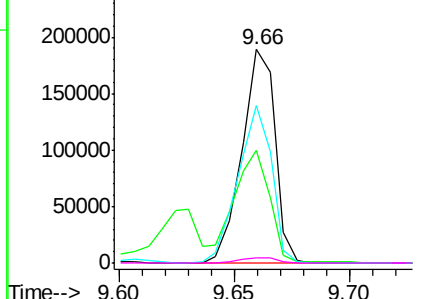


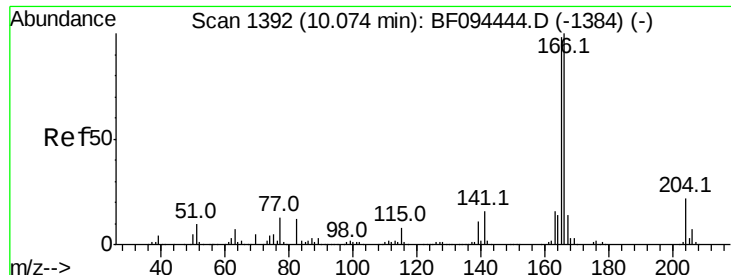
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

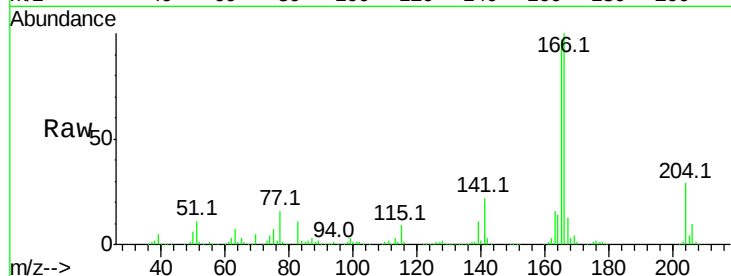




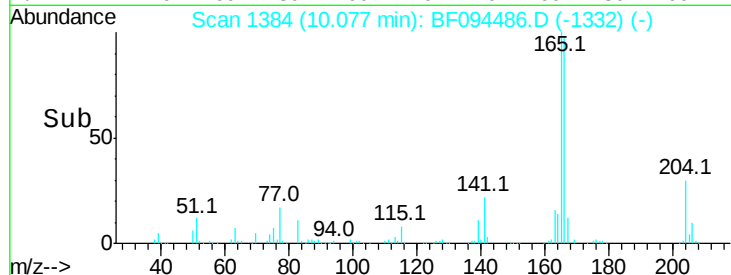
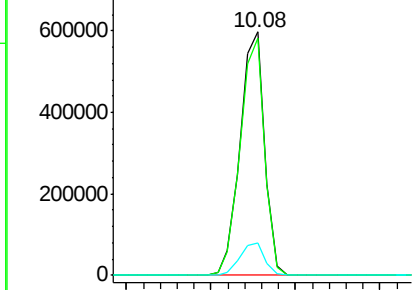
#57
 Fluorene
 Concen: 35.54 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 601276
 Ion Ratio Lower Upper
 166 100
 165 97.5 78.8 118.2
 167 13.2 10.6 16.0



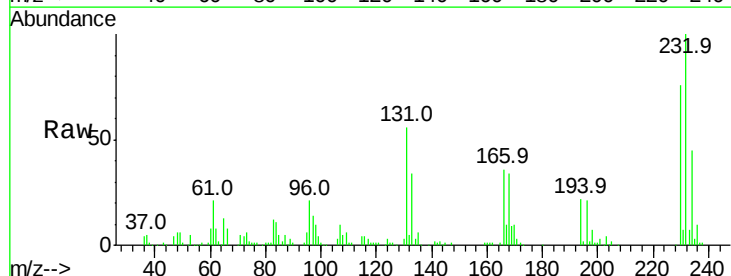
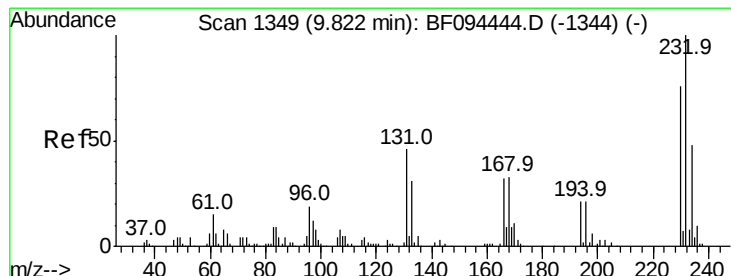
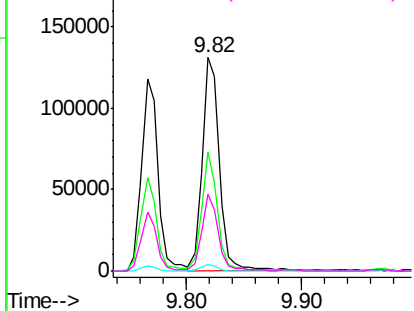
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

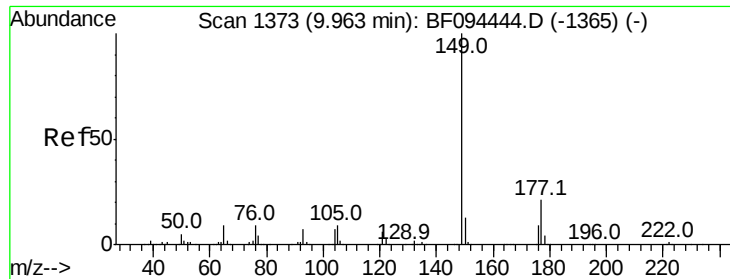


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.47 ng
 RT: 9.82 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Tgt Ion:232 Resp: 135902
 Ion Ratio Lower Upper
 232 100
 131 51.6 44.8 67.2
 130 2.5 2.3 3.5
 166 34.2 29.0 43.4

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

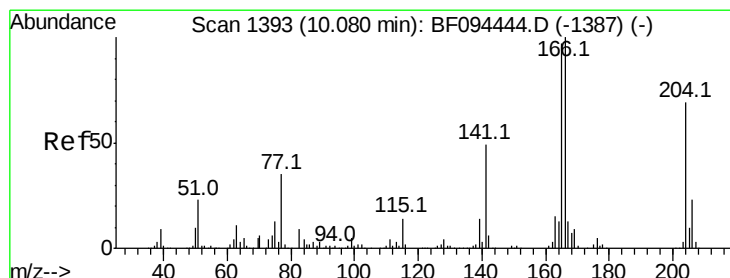
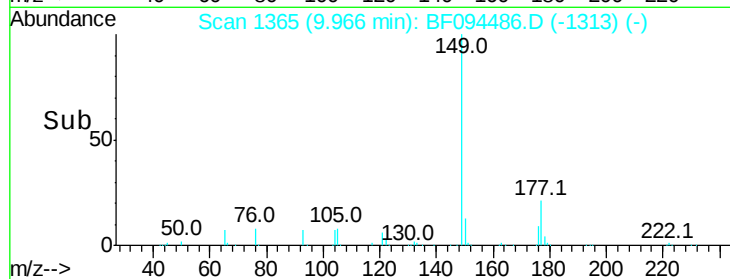
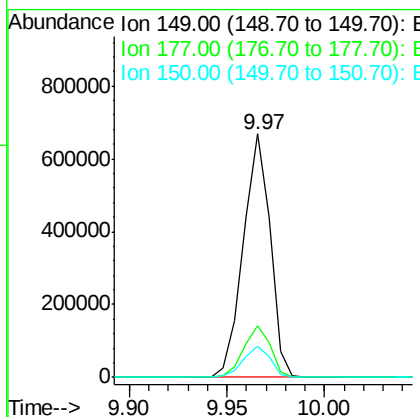
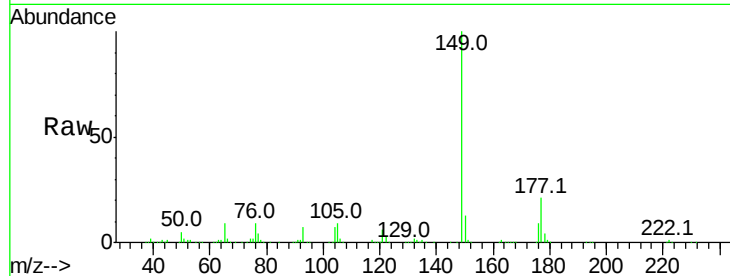




#59
Diethylphthalate
Concen: 36.93 ng
RT: 9.97 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

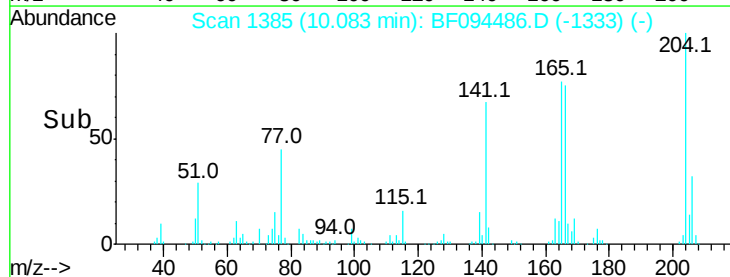
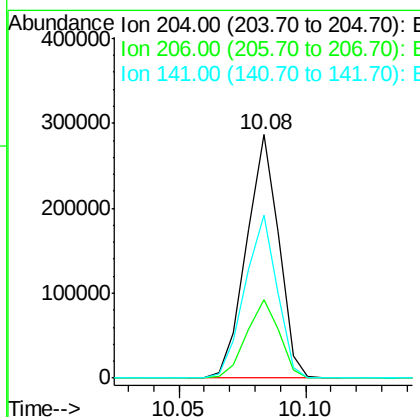
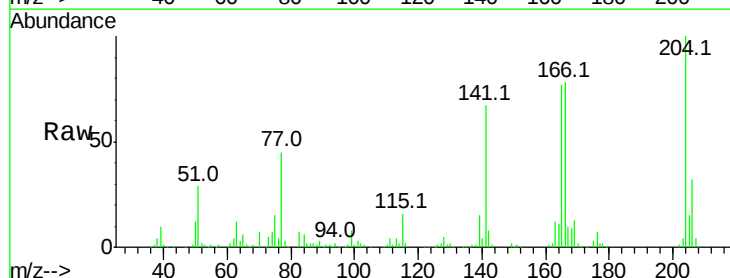
Instrument :
BNA_F
ClientSampleId :

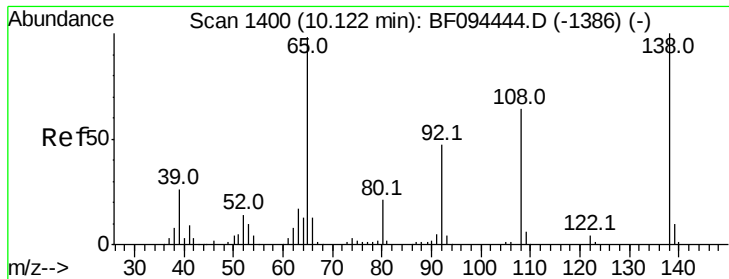
Tot Ion:149 Resp: 639872
Ion Ratio Lower Upper
149 100
177 21.3 16.7 25.1
150 12.8 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 36.18 ng
RT: 10.08 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Tgt Ion:204 Resp: 254758
Ion Ratio Lower Upper
204 100
206 32.1 26.2 39.2
141 67.2 60.8 91.2

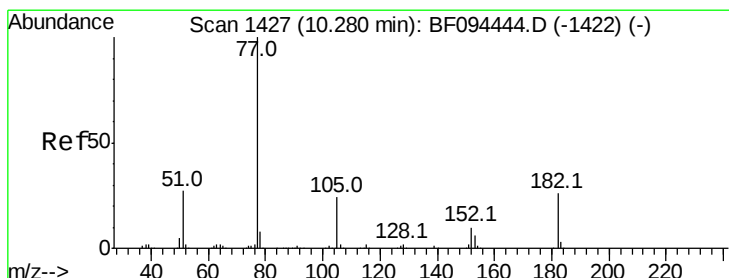
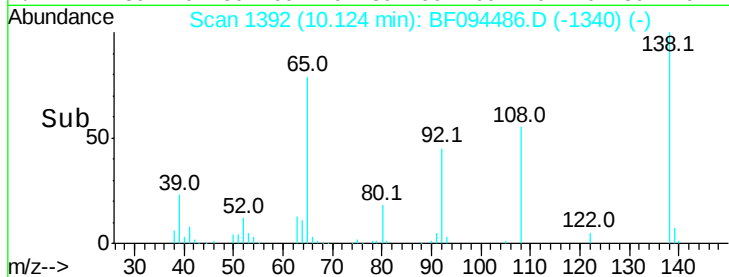
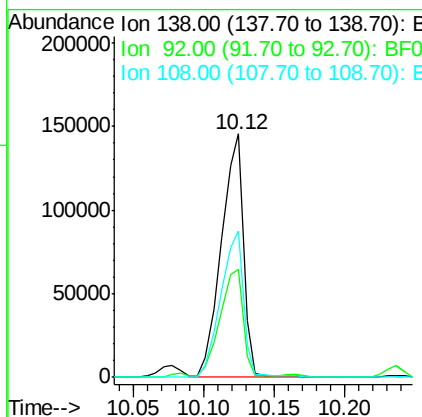
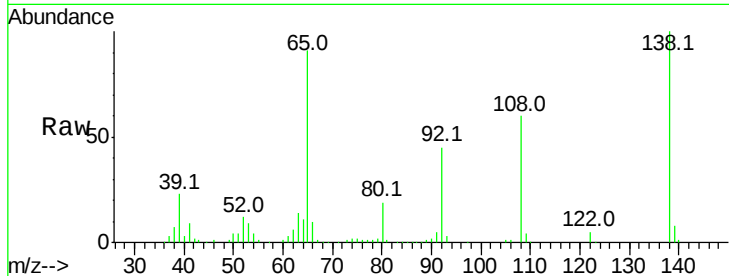




#61
 4-Nitroaniline
 Concen: 33.02 ng
 RT: 10.12 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

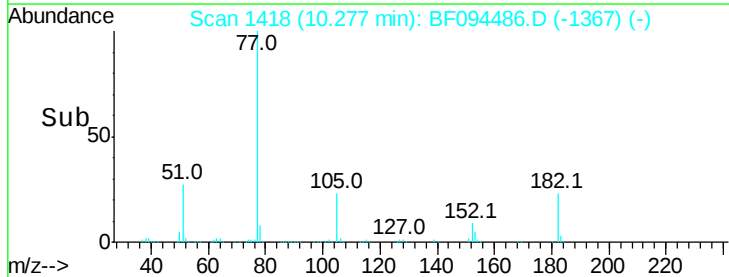
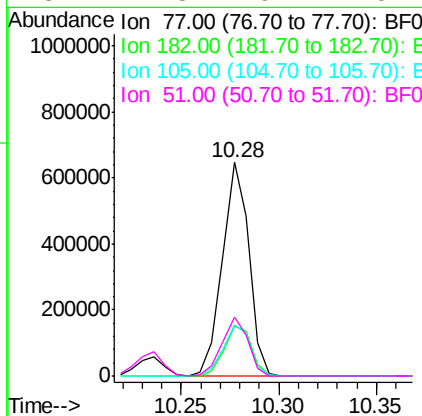
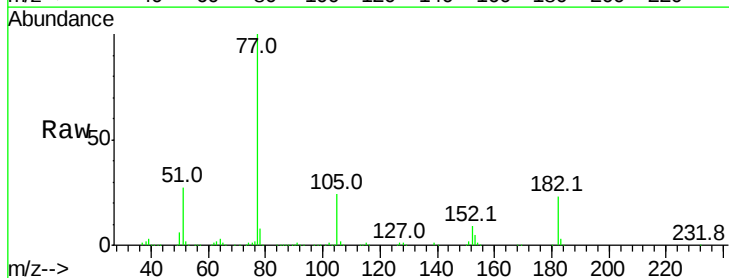
Instrument :
 BNA_F
 ClientSampleId :

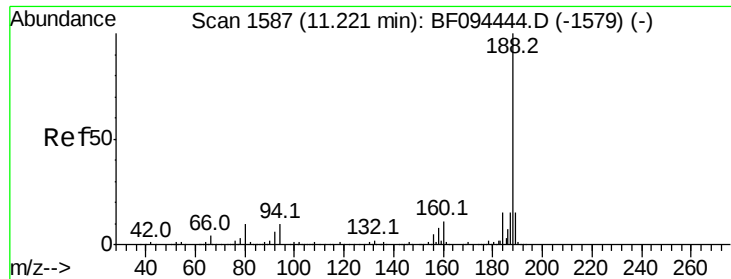
Tot Ion:138 Resp: 160090
 Ion Ratio Lower Upper
 138 100
 92 44.5 21.8 61.8
 108 59.9 42.3 82.3



#62
 Azobenzene
 Concen: 36.14 ng
 RT: 10.28 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Tgt Ion: 77 Resp: 608030
 Ion Ratio Lower Upper
 77 100
 182 23.2 0.1 40.1
 105 24.0 3.6 43.6
 51 27.3 9.4 49.4

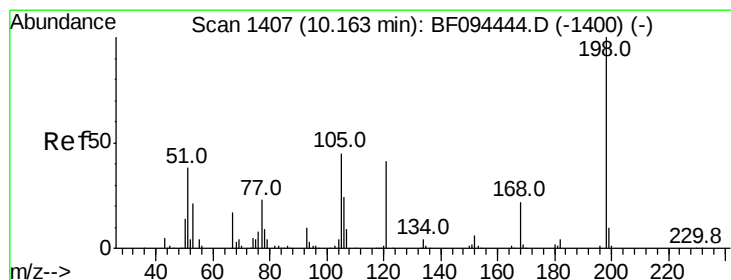
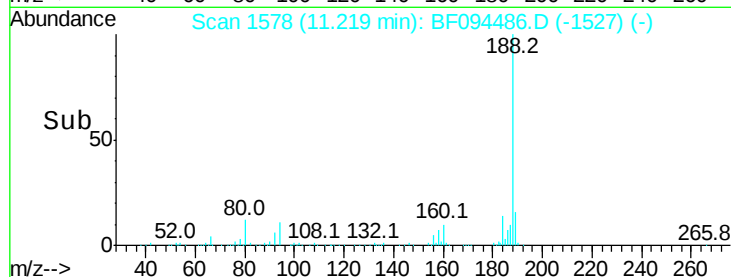
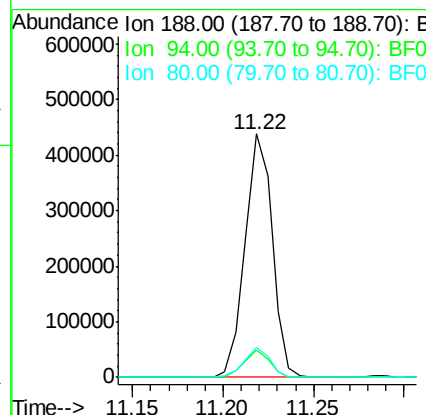
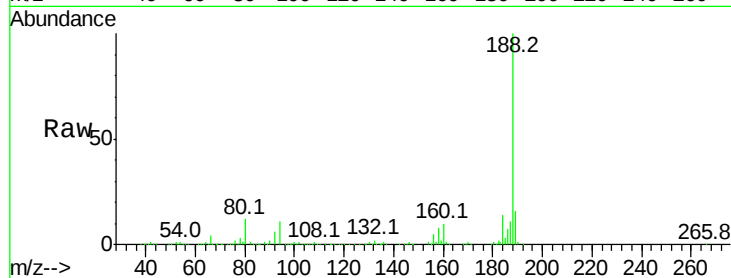




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

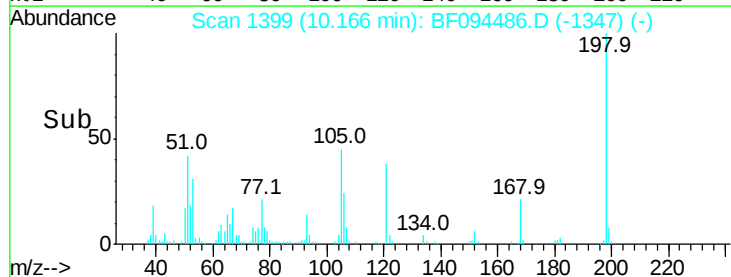
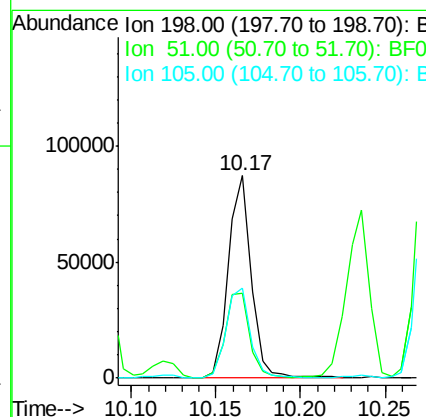
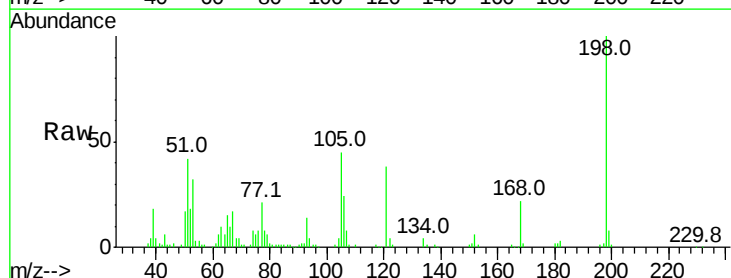
Instrument :
BNA_F
ClientSampled :

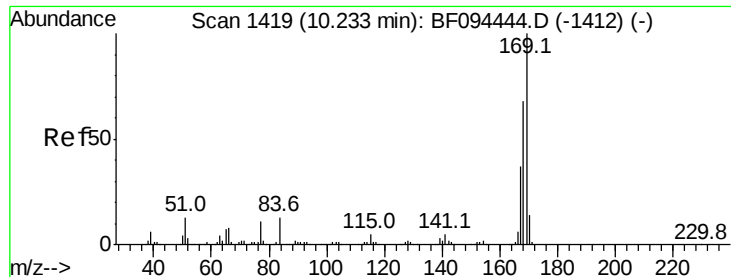
Tot Ion:188 Resp: 457222
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 12.0 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 27.62 ng
RT: 10.17 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Tgt Ion:198 Resp: 82727
Ion Ratio Lower Upper
198 100
51 41.9 53.2 93.2#
105 44.8 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 34.08 ng

RT: 10.24 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Instrument :

BNA_F

ClientSampleId :

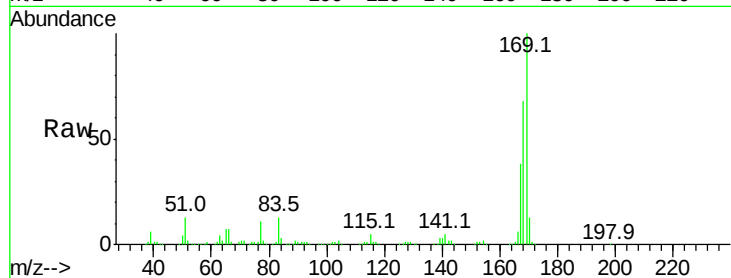
Tot Ion:169 Resp: 541881

Ion Ratio Lower Upper

169 100

168 68.3 53.2 79.8

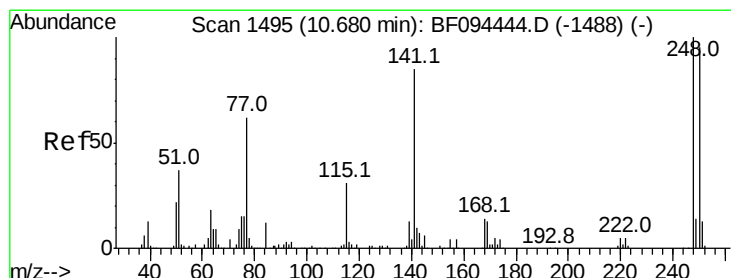
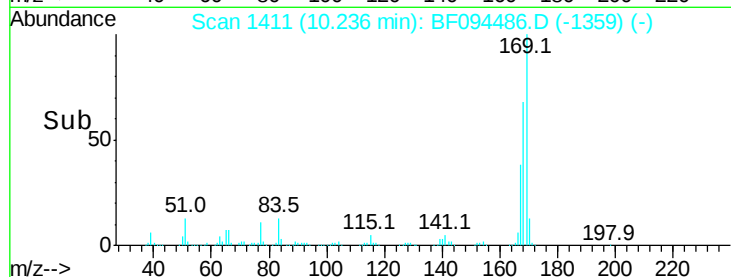
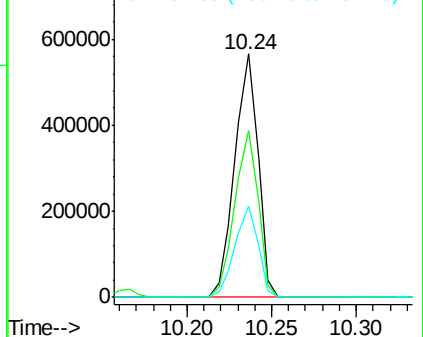
167 37.7 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 34.46 ng

RT: 10.68 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

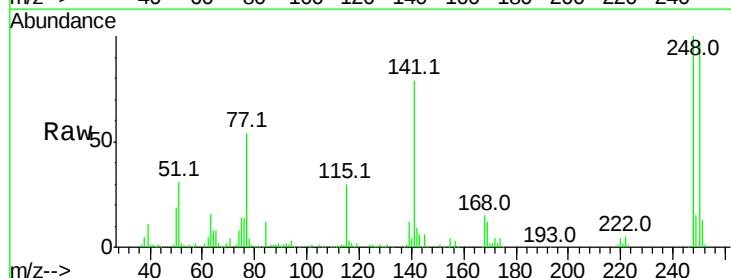
Tgt Ion:248 Resp: 156459

Ion Ratio Lower Upper

248 100

250 96.8 76.8 115.2

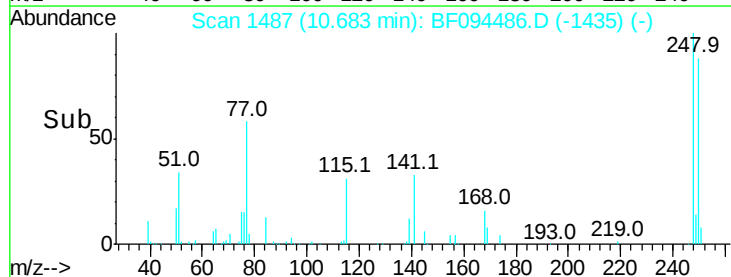
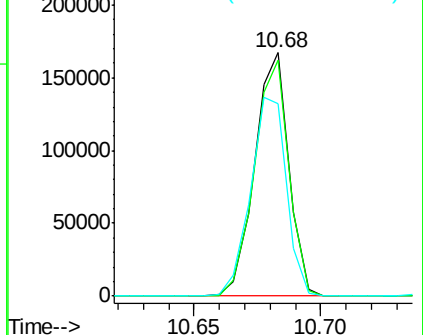
141 79.2 68.6 103.0

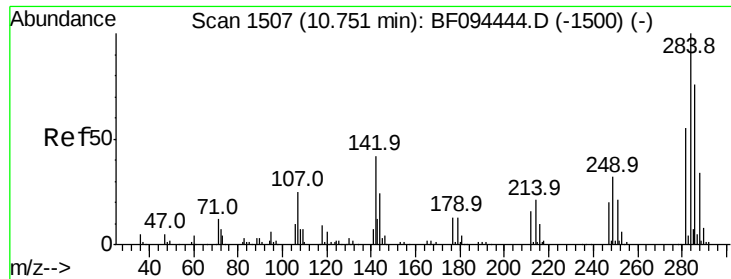


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 33.68 ng

RT: 10.75 min Scan# 1499

Delta R.T. 0.00 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Instrument :

BNA_F

ClientSampleId :

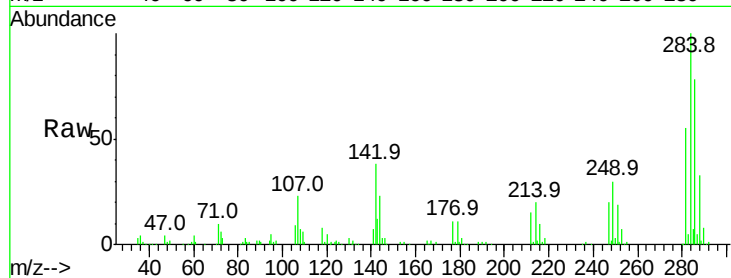
Tot Ion:284 Resp: 154079

Ion Ratio Lower Upper

284 100

142 37.9 22.8 34.2#

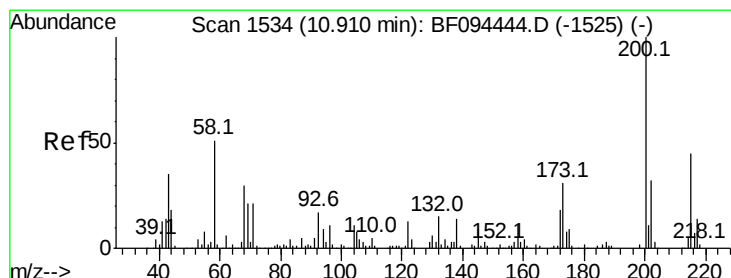
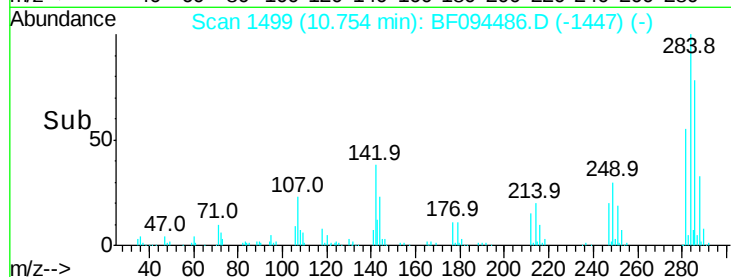
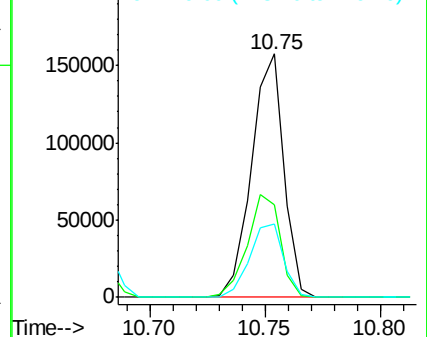
249 30.1 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 35.37 ng

RT: 10.91 min Scan# 1526

Delta R.T. 0.00 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

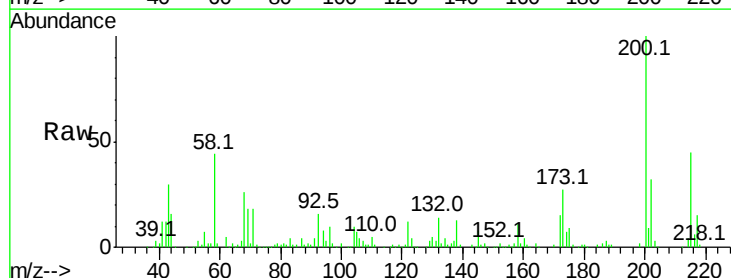
Tgt Ion:200 Resp: 168257

Ion Ratio Lower Upper

200 100

173 27.5 6.3 46.3

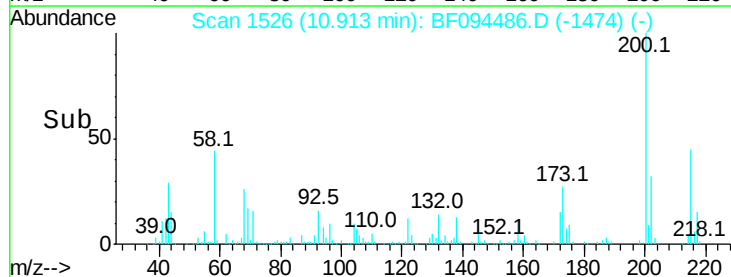
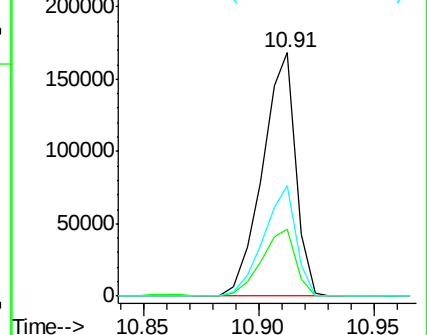
215 45.5 27.2 67.2

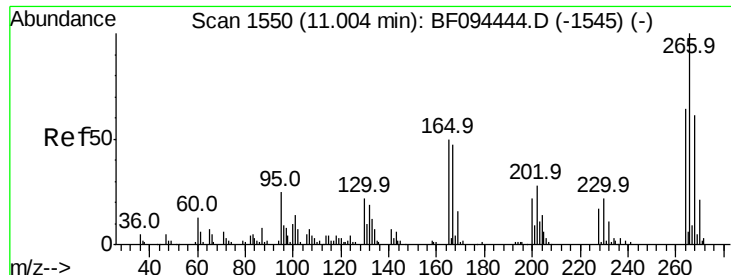


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

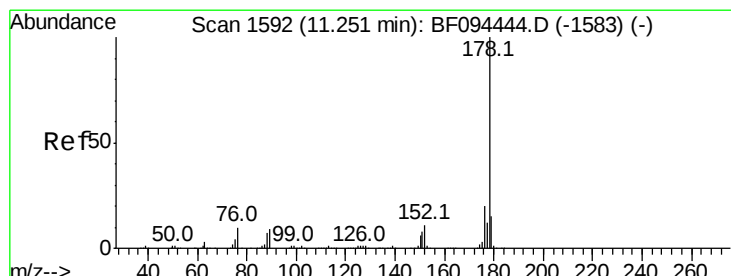
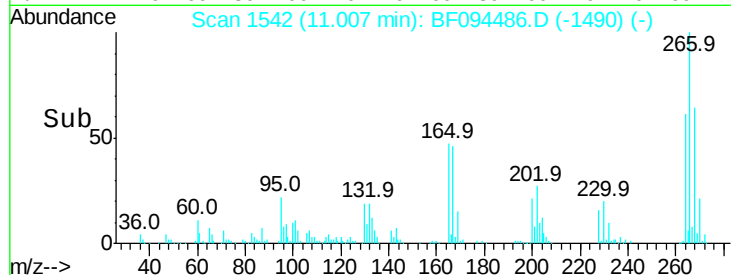
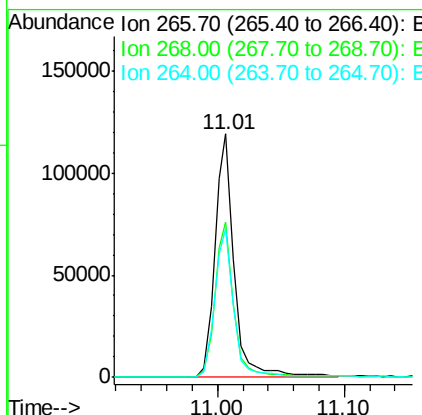
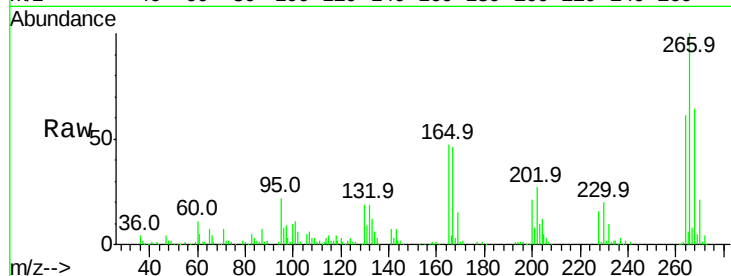




#69
 Pentachlorophenol
 Concen: 70.31 ng
 RT: 11.01 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

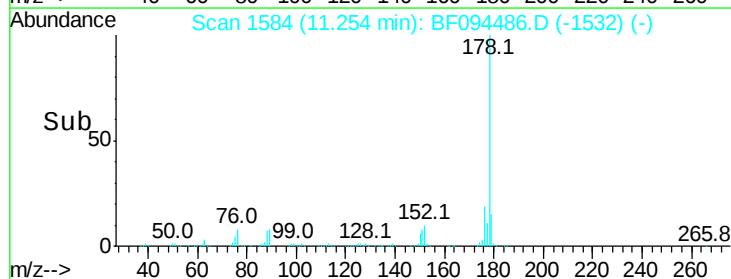
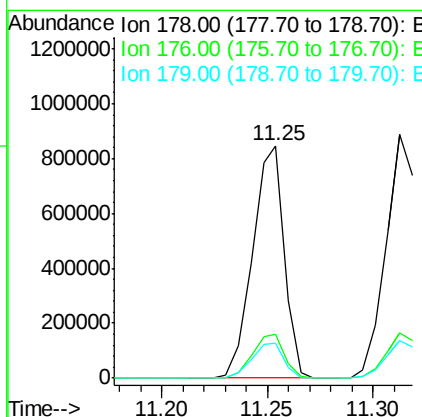
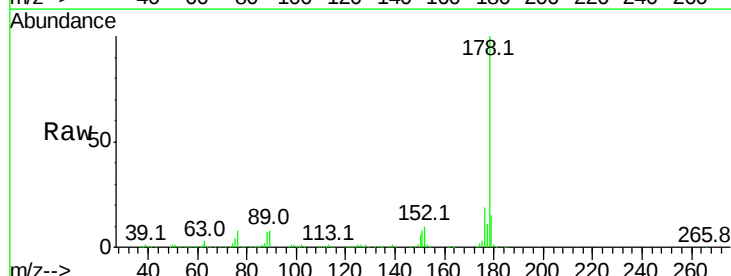
Instrument :
 BNA_F
 ClientSampleId :

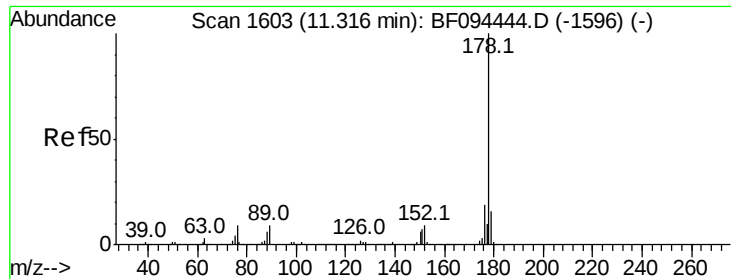
Tot Ion:266 Resp: 127729
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.1 76.7
 264 61.0 51.7 77.5



#70
 Phenanthrene
 Concen: 34.10 ng
 RT: 11.25 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Tgt Ion:178 Resp: 877886
 Ion Ratio Lower Upper
 178 100
 176 18.8 16.2 24.4
 179 14.9 12.6 19.0

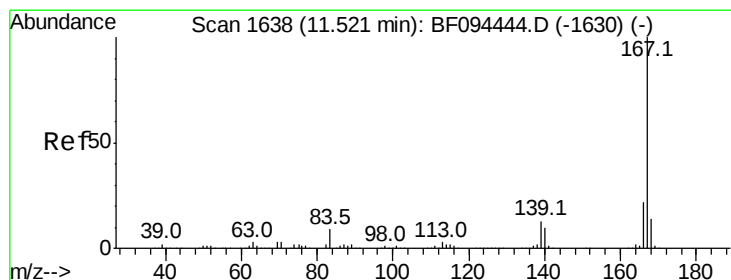
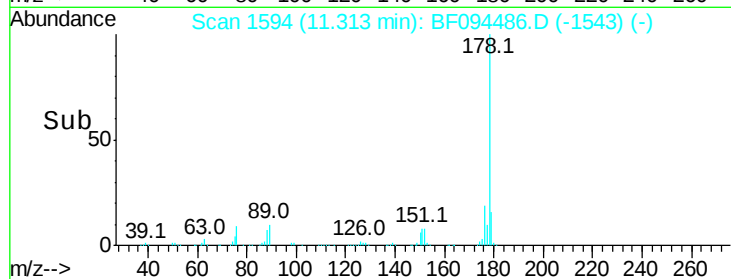
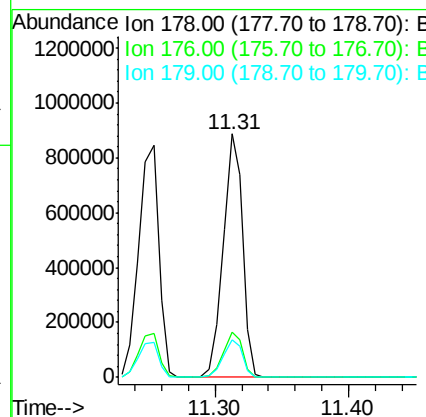
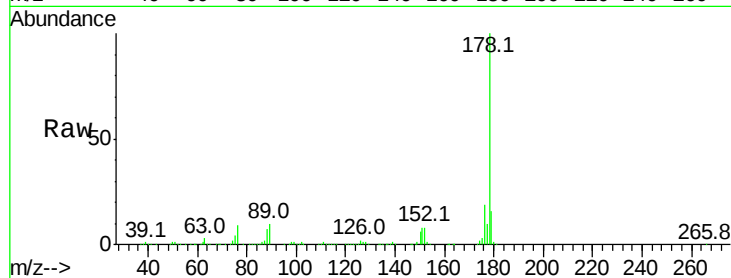




#71
 Anthracene
 Concen: 34.30 ng
 RT: 11.31 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

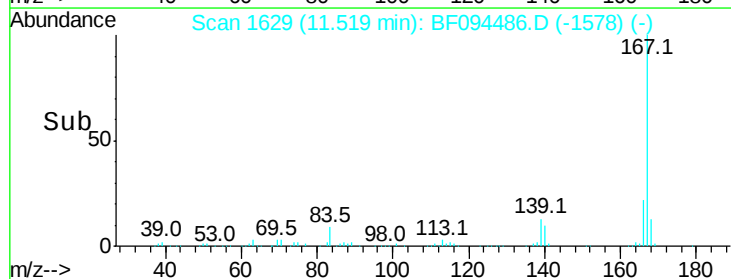
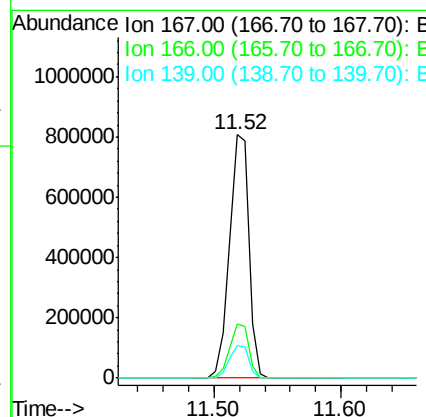
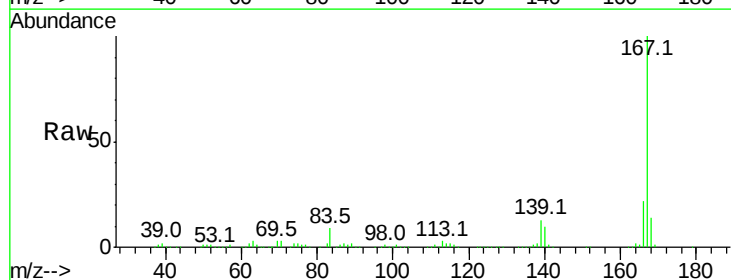
Instrument :
 BNA_F
 ClientSampled :

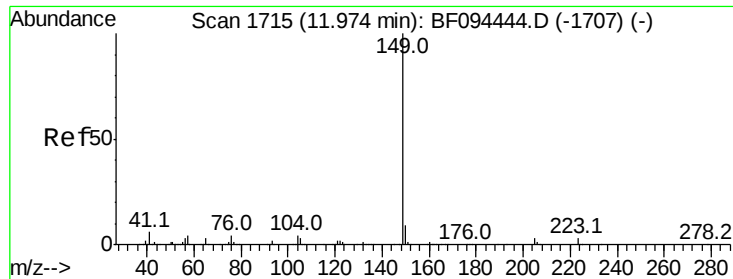
Tot Ion:178 Resp: 913619
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 34.28 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Tgt Ion:167 Resp: 856998
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.1 27.1
 139 13.3 11.7 17.5

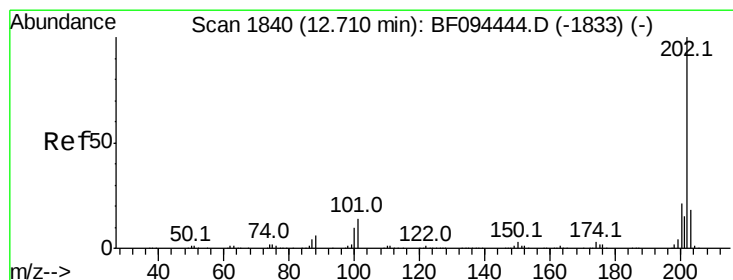
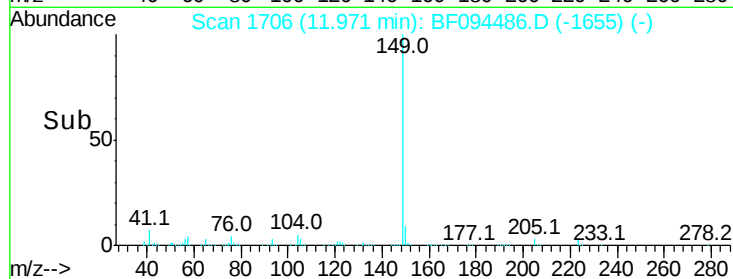
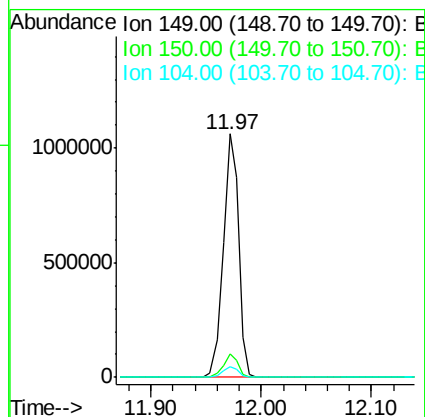
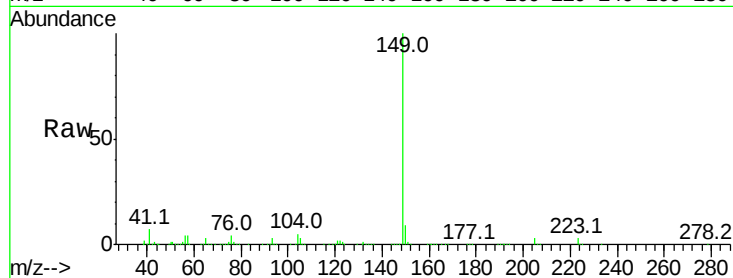




#73
Di-n-butylphthalate
Concen: 37.21 ng
RT: 11.97 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

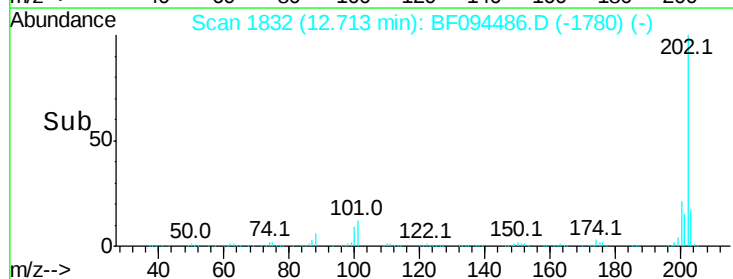
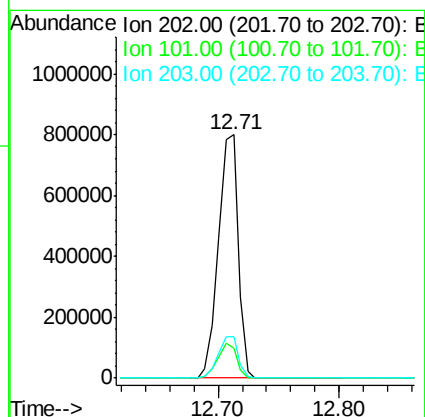
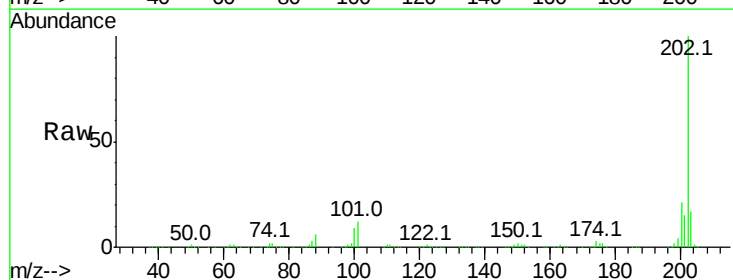
Instrument :
BNA_F
ClientSampleId :

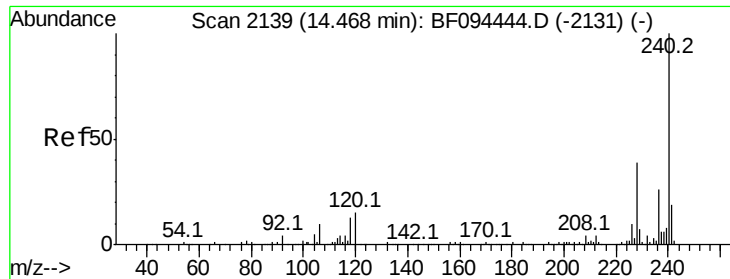
Tot Ion:149 Resp: 1024210
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 4.6 4.0 6.0



#74
Fluoranthene
Concen: 33.78 ng
RT: 12.71 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Tgt Ion:202 Resp: 901340
Ion Ratio Lower Upper
202 100
101 12.3 0.0 33.2
203 17.2 0.0 38.1

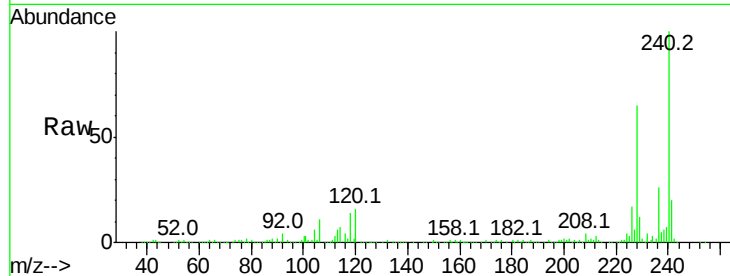




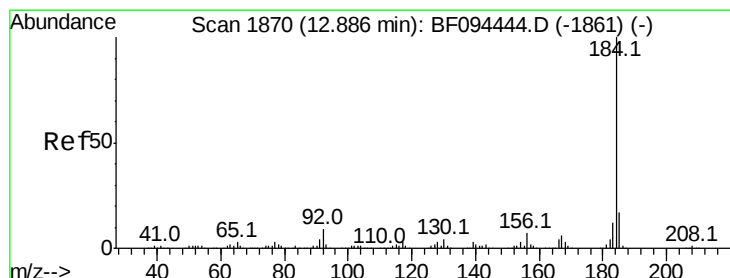
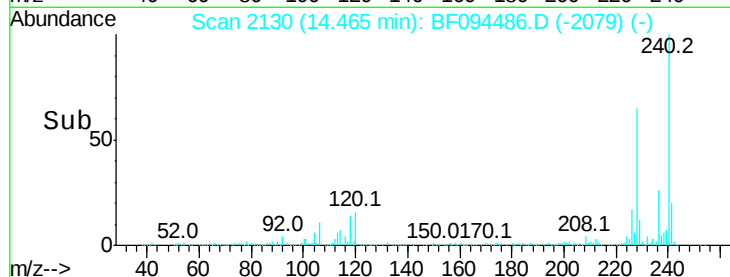
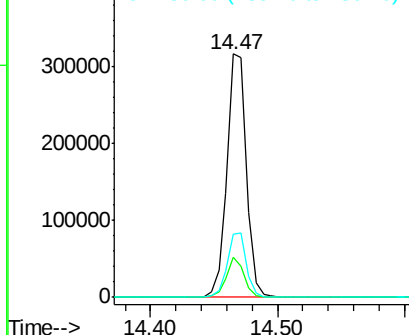
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.47 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 335333
 Ion Ratio Lower Upper
 240 100
 120 16.3 5.8 8.8#
 236 26.1 20.5 30.7

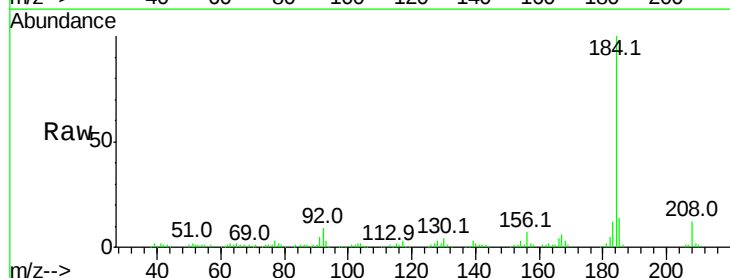


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

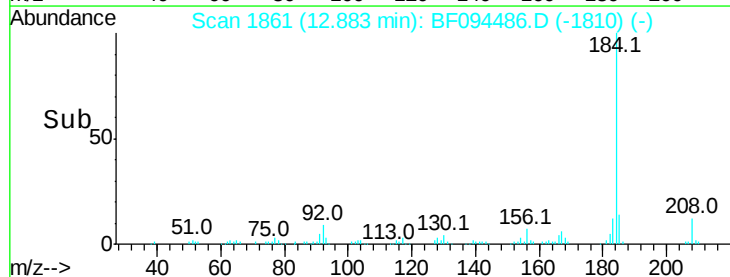
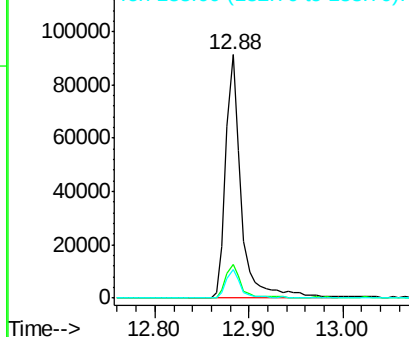


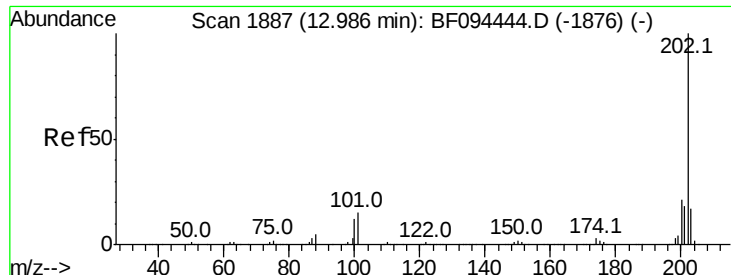
#76
 Benzidine
 Concen: 7.74 ng
 RT: 12.88 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Tgt Ion:184 Resp: 105145
 Ion Ratio Lower Upper
 184 100
 185 13.9 15.5 23.3#
 183 11.7 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

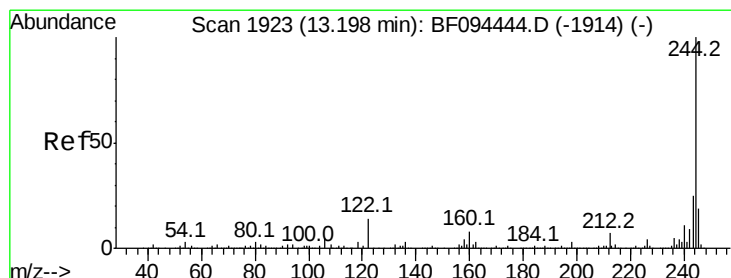
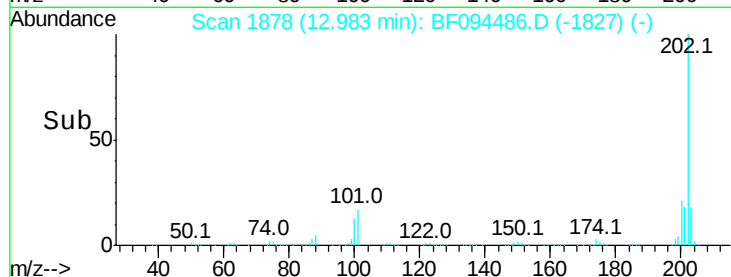
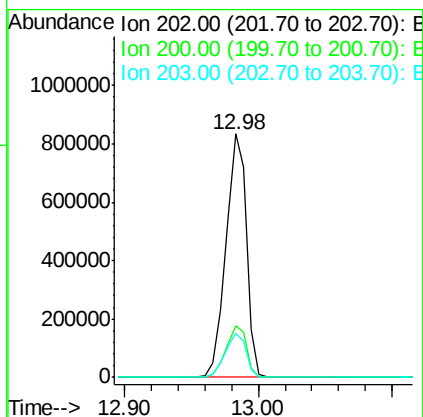
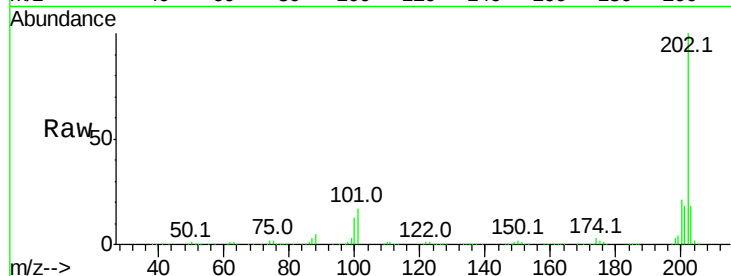




#77
Pvrene
Concen: 38.82 ng
RT: 12.98 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

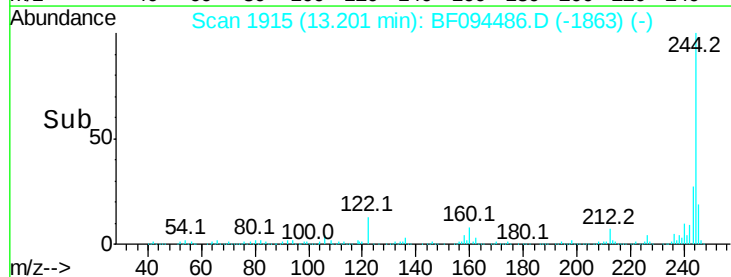
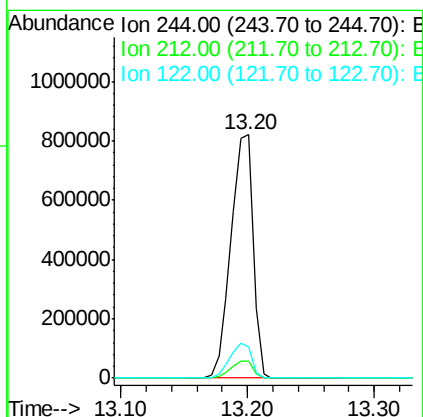
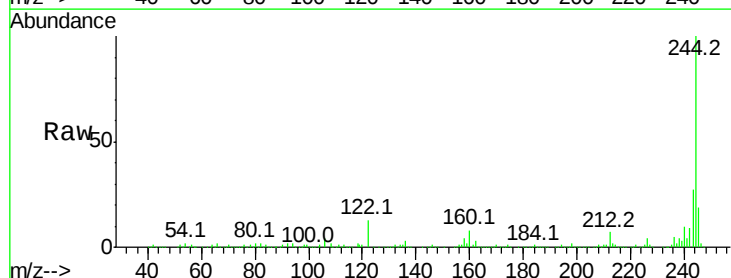
Instrument :
BNA_F
ClientSampled :

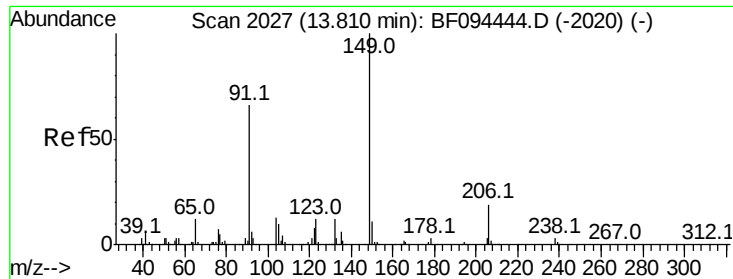
Tot Ion:202 Resp: 909433
Ion Ratio Lower Upper
202 100
200 21.3 17.6 26.4
203 18.0 14.4 21.6



#78
Terphenyl-d14
Concen: 78.82 ng
RT: 13.20 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Tgt Ion:244 Resp: 988783
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 12.6 10.3 15.5

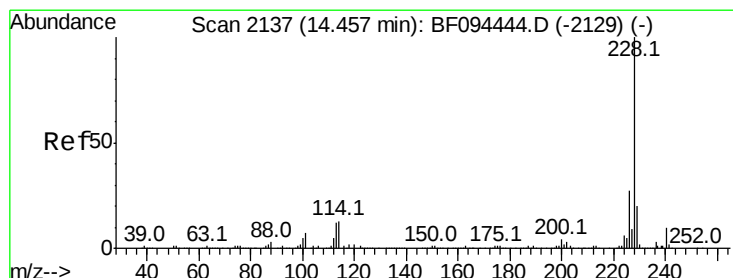
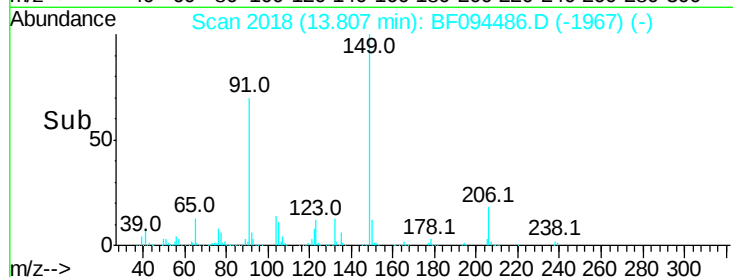
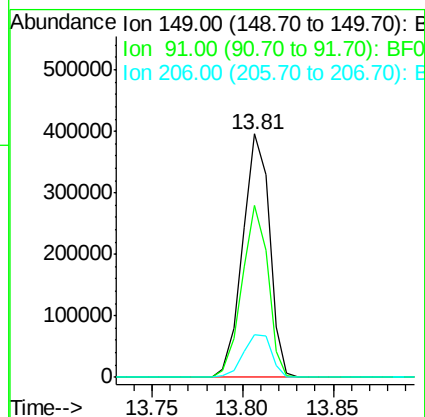
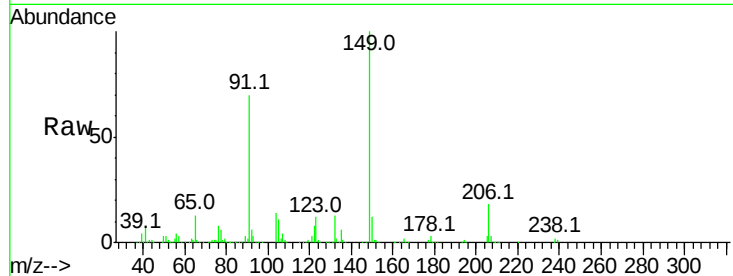




#79
Butylbenzylphthalate
Concen: 39.67 ng
RT: 13.81 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

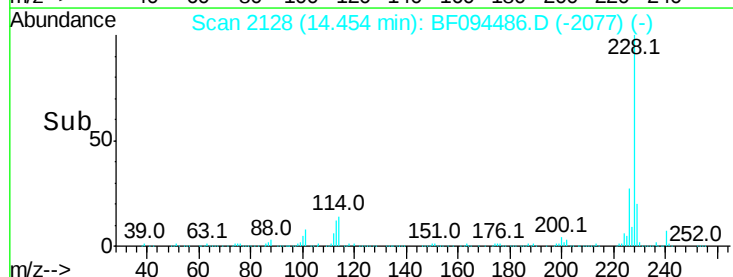
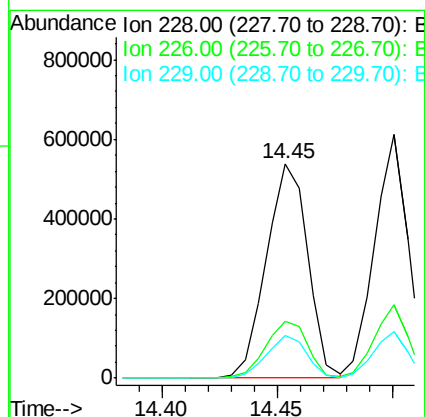
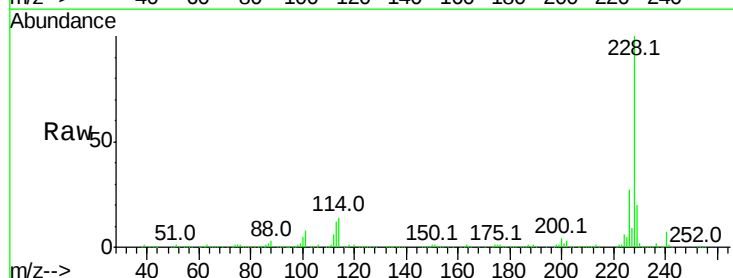
Instrument :
BNA_F
ClientSampleID :

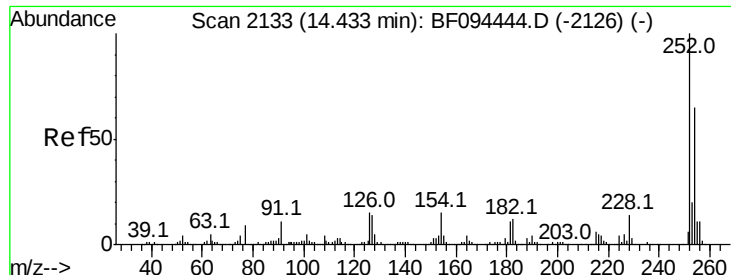
Tot Ion:149 Resp: 407341
Ion Ratio Lower Upper
149 100
91 70.4 45.0 67.4#
206 17.7 17.0 25.6



#80
Benzo(a)anthracene
Concen: 34.35 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Tgt Ion:228 Resp: 669469
Ion Ratio Lower Upper
228 100
226 26.7 22.6 33.8
229 19.8 16.3 24.5

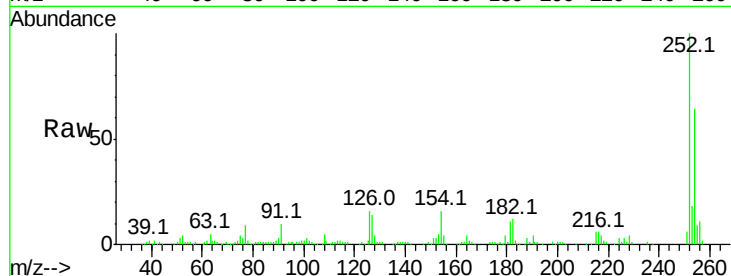




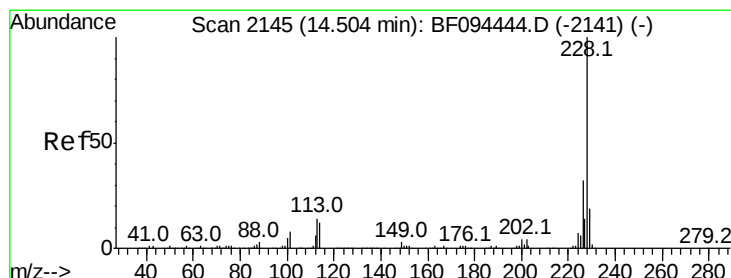
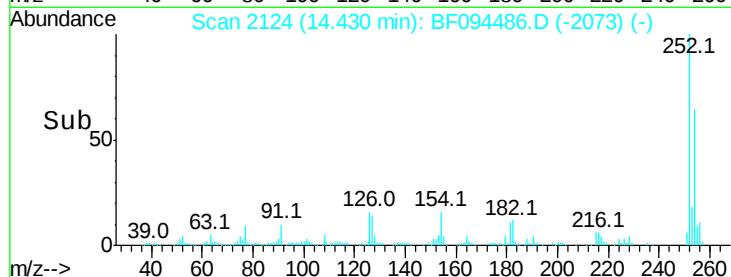
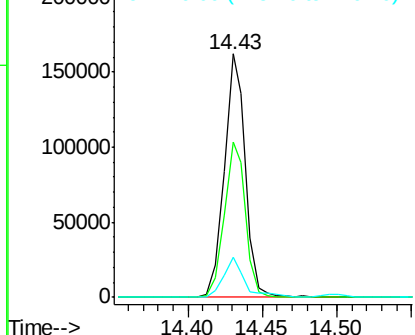
#81
 3,3'-Dichlorobenzidine
 Concen: 23.42 ng
 RT: 14.43 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 161622
 Ion Ratio Lower Upper
 252 100
 254 64.0 51.5 77.3
 126 16.3 15.8 23.8

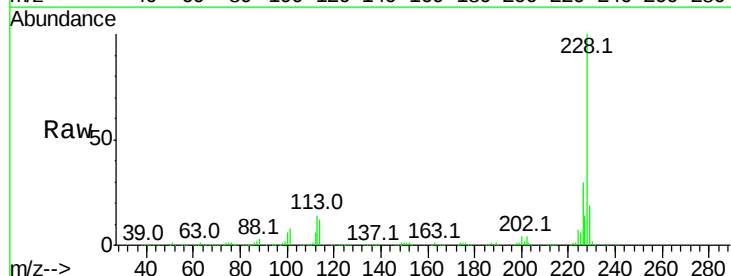


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

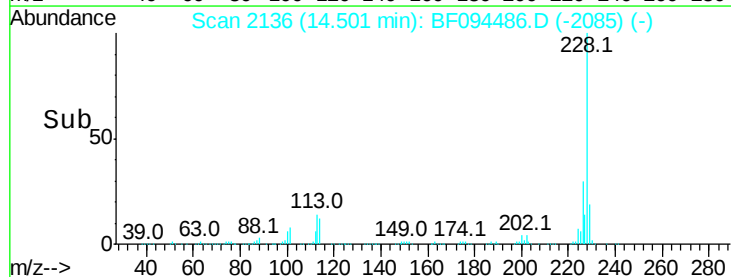
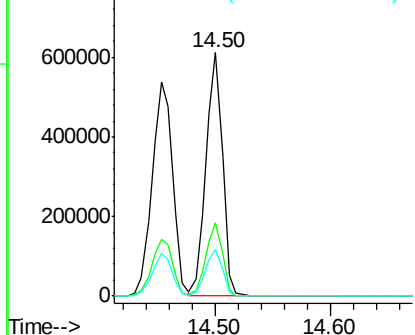


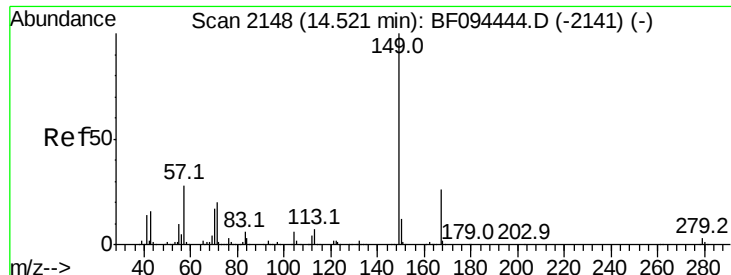
#82
 Chrysene
 Concen: 34.48 ng
 RT: 14.50 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Tgt Ion:228 Resp: 614196
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.9 37.3
 229 19.2 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

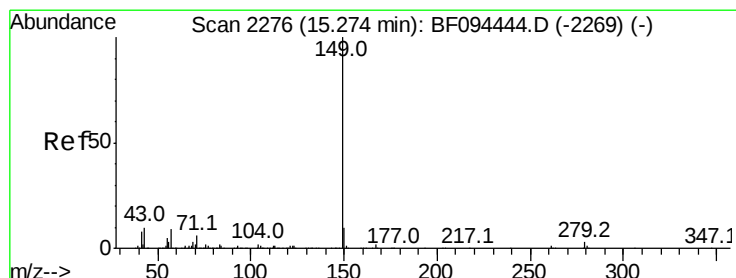
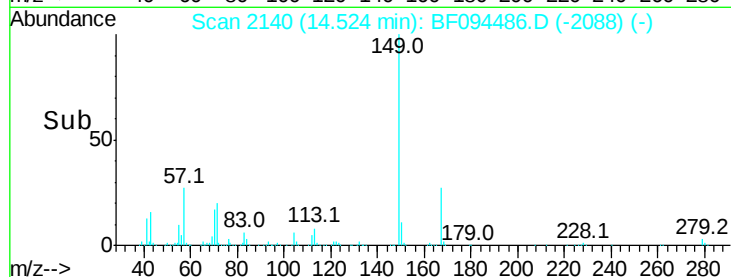
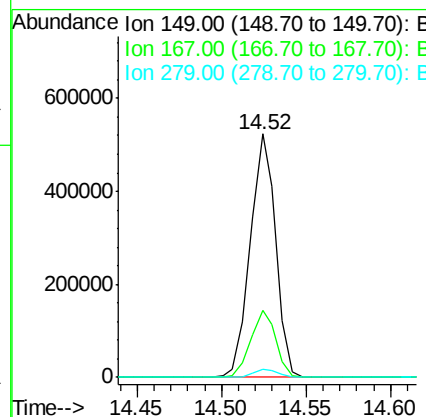
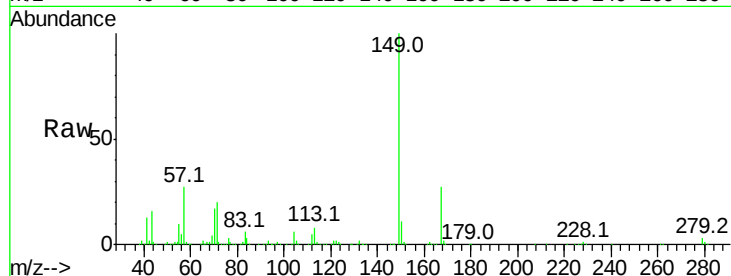




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.97 ng
 RT: 14.52 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

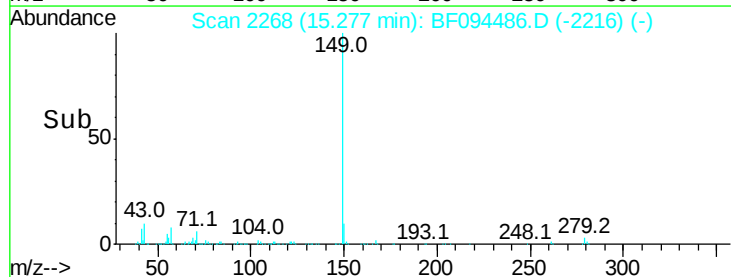
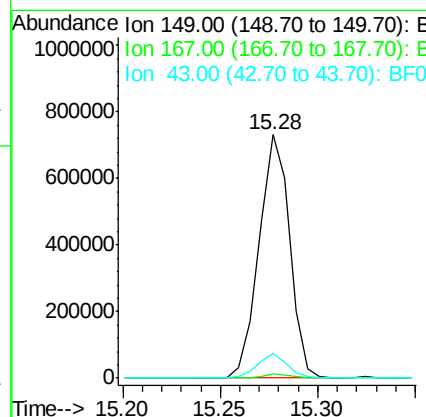
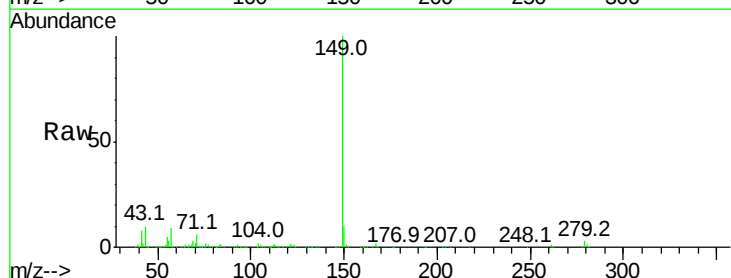
Instrument :
 BNA_F
 ClientSampleId :

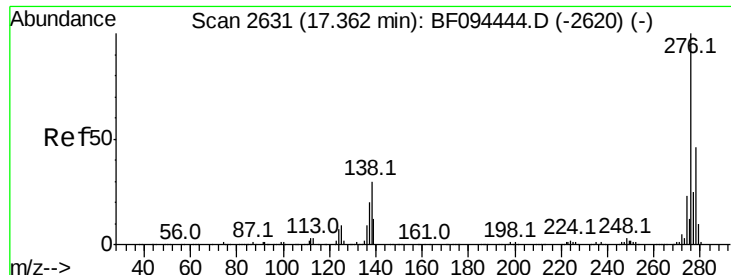
Tot Ion:149 Resp: 551048
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.0 31.4
 279 3.1 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 34.32 ng
 RT: 15.28 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BF094486.D
 Acq: 18 Apr 2017 14:51

Tgt Ion:149 Resp: 793705
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.3 8.5 12.7

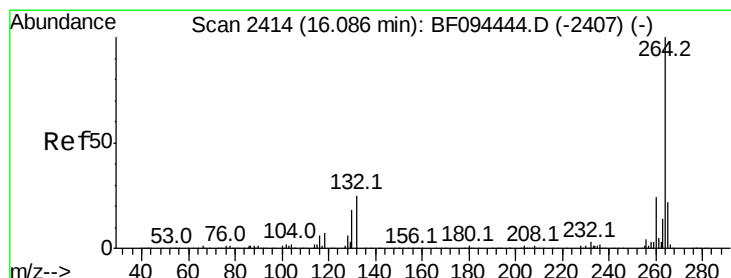
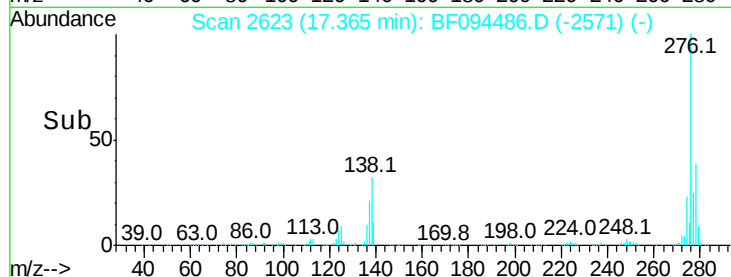
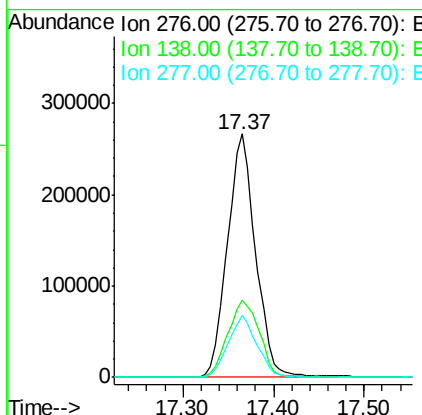
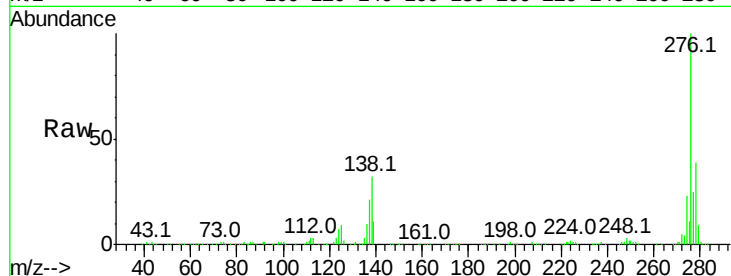




#85
Indeno(1,2,3-cd)pyrene
Concen: 34.11 ng
RT: 17.37 min Scan# 2623
Delta R.T. 0.00 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

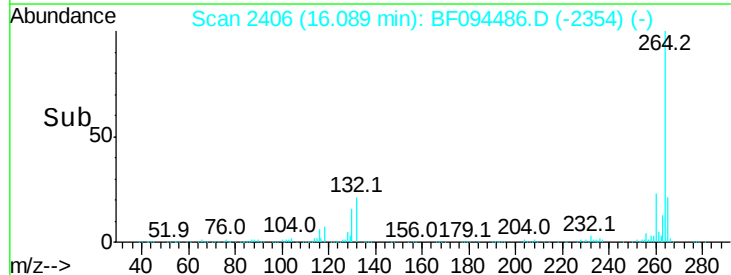
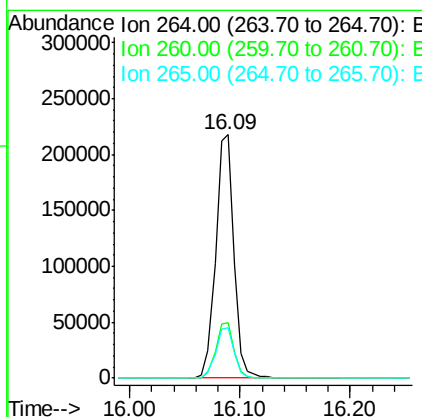
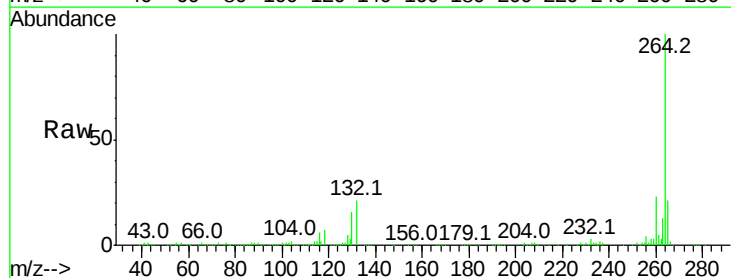
Instrument :
BNA_F
ClientSampleId :

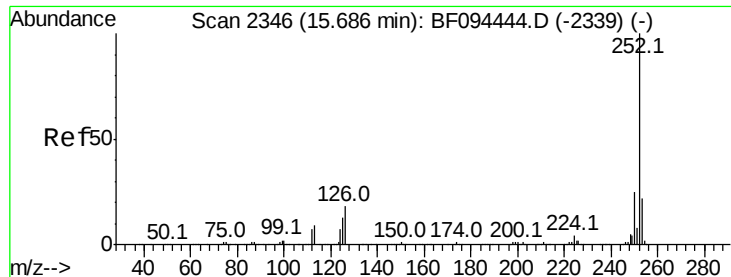
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.4	27.8	41.6
277	25.8	20.2	30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BF094486.D
Acq: 18 Apr 2017 14:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	20.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 33.02 ng

RT: 15.69 min Scan# 2338

Delta R.T. 0.00 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Instrument :

BNA_F

ClientSampleId :

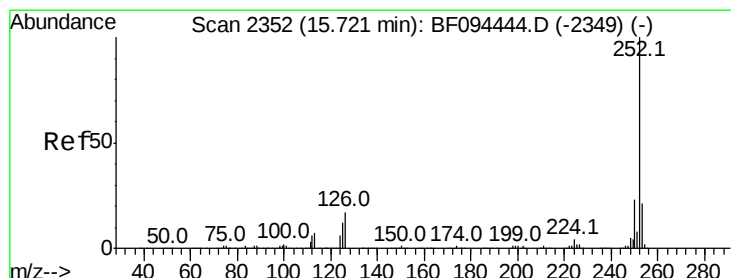
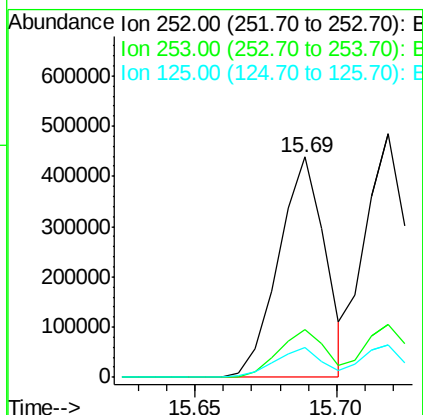
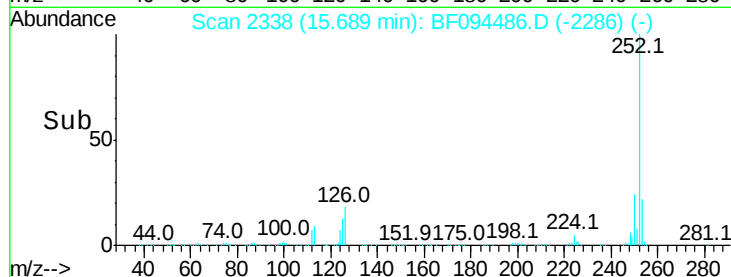
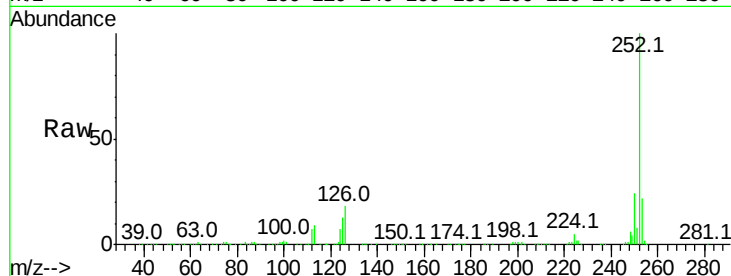
Tot Ion:252 Resp: 500000

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

125 13.3 9.8 14.8



#88

Benzo(k)fluoranthene

Concen: 34.65 ng

RT: 15.72 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

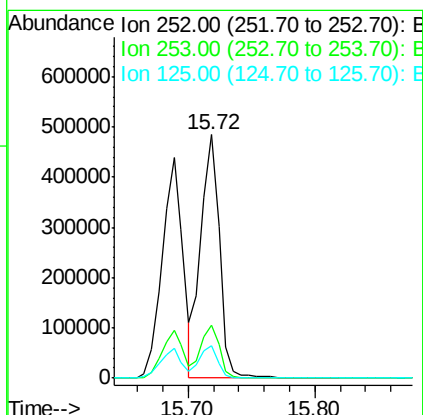
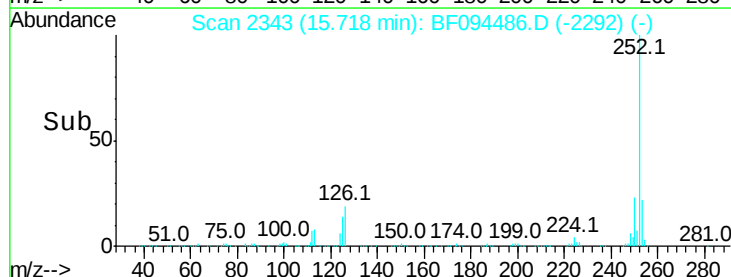
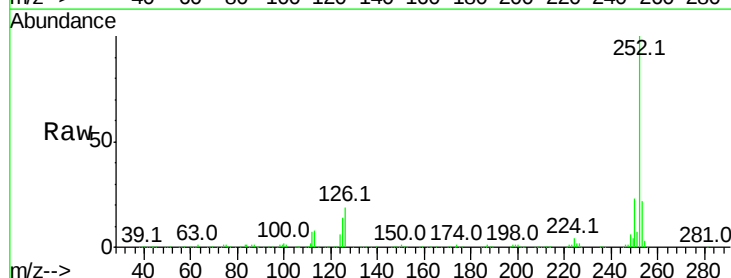
Tgt Ion:252 Resp: 496541

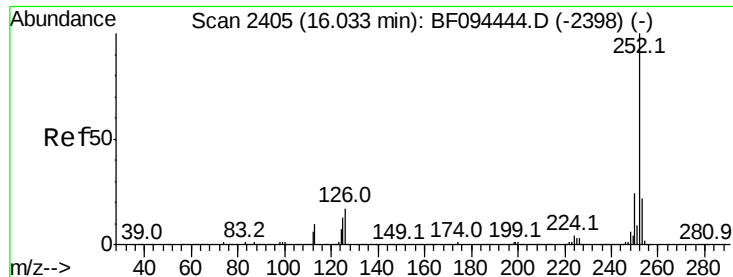
Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

125 13.5 13.1 19.7





#89

Benzo(a)pyrene

Concen: 34.12 ng

RT: 16.03 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Instrument :

BNA_F

ClientSampleId :

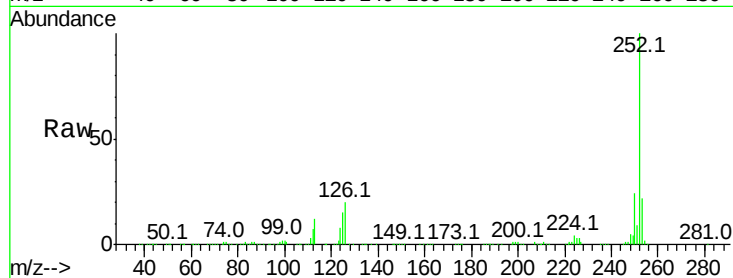
Tot Ion:252 Resp: 480720

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

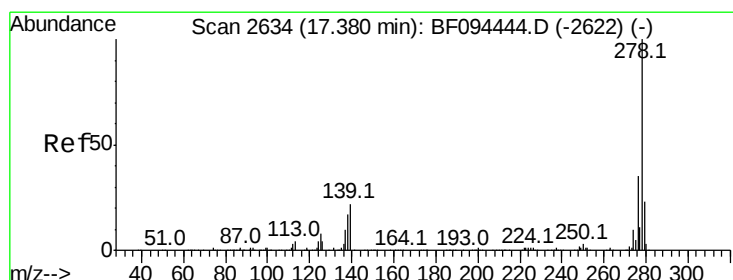
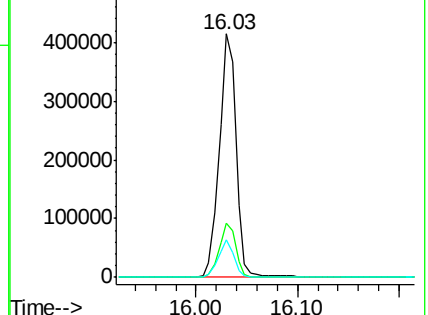
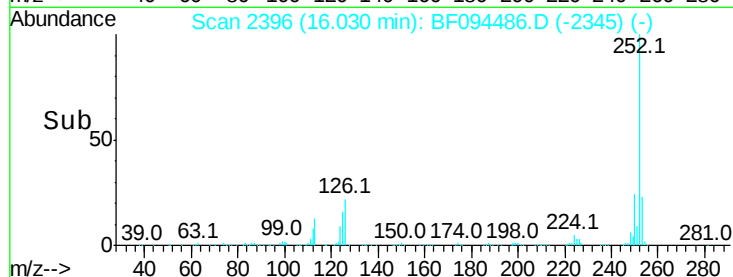
125 15.4 11.0 16.4



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: 41.42 ng

RT: 17.38 min Scan# 2626

Delta R.T. 0.00 min

Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

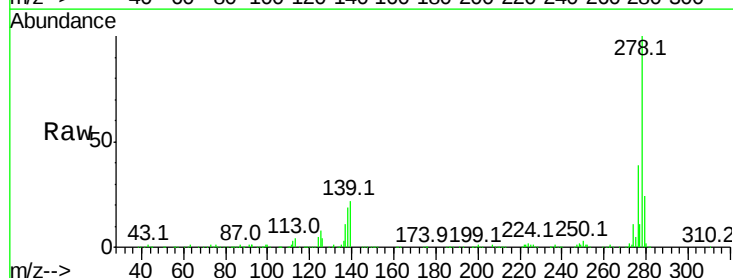
Tgt Ion:278 Resp: 484554

Ion Ratio Lower Upper

278 100

139 21.8 16.6 24.8

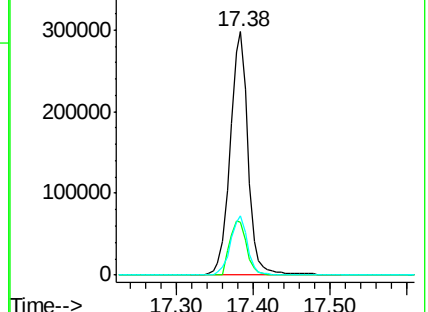
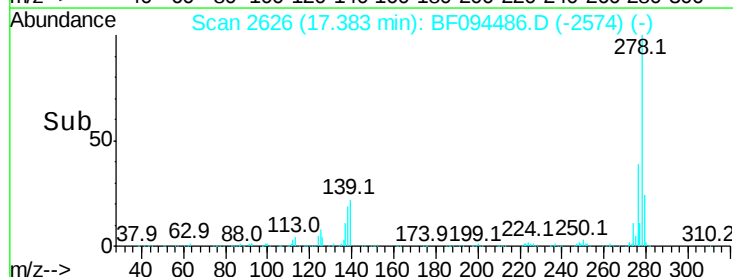
279 24.2 19.3 28.9

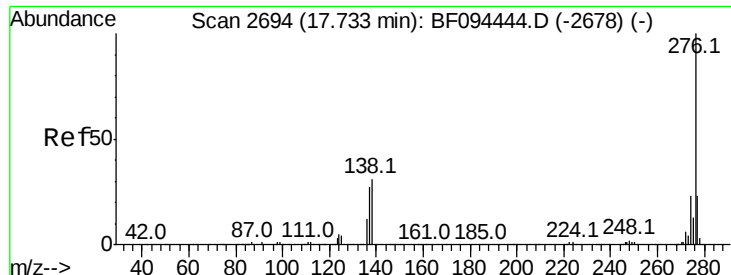


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.96 ng

RT: 17.74 min Scan# 2687

Delta R.T. 0.01 min

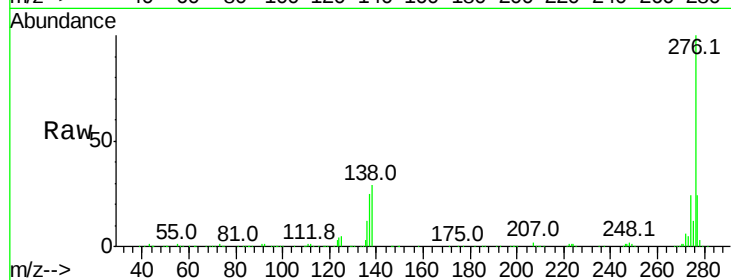
Lab File: BF094486.D

Acq: 18 Apr 2017 14:51

Instrument :

BNA_F

ClientSampleId :



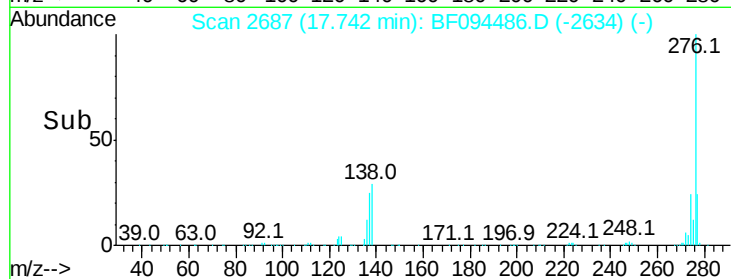
Tot Ion: 276 Resp: 499776

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 29.2 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

