

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094447.D
 Acq On : 17 Apr 2017 14:06
 Operator : SJ/MA
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 17 14:28:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 13:36:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	144050	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	583940	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	259999	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	459026	20.00	ng	0.00
75) Chrysene-d12	14.47	240	363751	20.00	ng	0.00
86) Perylene-d12	16.09	264	303217	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	1239842	145.37	ng	0.00
7) Phenol-d6	5.40	99	1479266	140.20	ng	0.01
23) Nitrobenzene-d5	6.43	82	1423585	139.13	ng	0.01
41) 2,4,6-Tribromophenol	10.39	330	302807	147.38	ng	0.01
44) 2-Fluorobiphenyl	8.60	172	2320386	136.12	ng	0.01
78) Terphenyl-d14	13.20	244	1929531	118.90	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.08	88	387245	94.51	ng	96
3) Pyridine	2.59	79	894497	80.10	ng	99
4) n-Nitrosodimethylamine	2.57	42	372097	80.98	ng	91
6) Aniline	5.40	93	999155	68.08	ng	# 80
8) 2-Chlorophenol	5.54	128	708355	75.56	ng	99
9) Benzaldehyde	5.26	77	556046	78.05	ng	99
10) Phenol	5.42	94	928198	77.31	ng	89
11) bis(2-Chloroethyl)ether	5.49	93	696832	74.27	ng	97
12) 1,3-Dichlorobenzene	5.70	146	799698	76.05	ng	99
13) 1,4-Dichlorobenzene	5.79	146	805312	75.61	ng	96
14) 1,2-Dichlorobenzene	5.96	146	690361	70.39	ng	97
15) Benzyl Alcohol	5.95	79	535871	69.39	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.10	45	868189	60.05	ng	54
17) 2-Methylphenol	6.10	107	573493	71.43	ng	# 89
18) Hexachloroethane	6.35	117	283834	75.82	ng	# 86
19) n-Nitroso-di-n-propylamine	6.27	70	501150	73.90	ng	97
20) 3+4-Methylphenols	6.28	107	757674	77.92	ng	# 63
22) Acetophenone	6.25	105	1061139	81.53	ng	# 86
24) Nitrobenzene	6.45	77	736733	73.00	ng	92
25) Isophorone	6.74	82	1361862	75.74	ng	96
26) 2-Nitrophenol	6.82	139	420399	87.35	ng	96
27) 2,4-Dimethylphenol	6.90	122	646857	78.01	ng	99
28) bis(2-Chloroethoxy)methane	7.00	93	850720	71.75	ng	99
29) 2,4-Dichlorophenol	7.12	162	590997	76.23	ng	98
30) 1,2,4-Trichlorobenzene	7.20	180	609492	76.32	ng	98
31) Naphthalene	7.30	128	1986551	70.75	ng	99
32) Benzoic acid	7.11	122	390190	70.68	ng	95
33) 4-Chloroaniline	7.37	127	842922	74.07	ng	97
34) Hexachlorobutadiene	7.45	225	299485	73.13	ng	98
35) Caprolactam	7.86	113	162290	65.64	ng	99
36) 4-Chloro-3-methylphenol	8.00	107	637574	78.70	ng	89
37) 2-Methylnaphthalene	8.14	142	1357593	72.53	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.35	216	525850	73.93	ng	100
40) Hexachlorocyclopentadiene	8.33	237	252889	75.98	ng	98

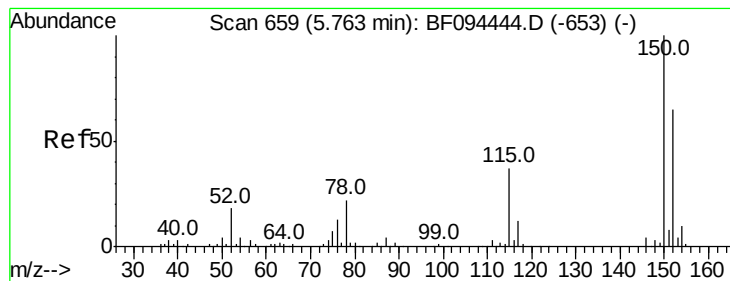
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094447.D
 Acq On : 17 Apr 2017 14:06
 Operator : SJ/MA
 Sample : SSTDICC080
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 BNA_F
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Quant Time: Apr 17 14:28:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 13:36:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.50	196	394740	78.44	nq	98
43) 2,4,5-Trichlorophenol	8.56	196	397416	72.99	nq	93
45) 1,1'-Biphenyl	8.72	154	1451178	69.20	nq	97
46) 2-Chloronaphthalene	8.73	162	1182675	72.04	nq	95
47) 2-Nitroaniline	8.87	65	381240	78.29	nq	# 83
48) Acenaphthylene	9.24	152	1857795	68.09	nq	100
49) Dimethylphthalate	9.12	163	1454106	78.68	nq	99
50) 2,6-Dinitrotoluene	9.17	165	334234	78.89	nq	# 85
51) Acenaphthene	9.45	154	1120365	70.38	nq	99
52) 3-Nitroaniline	9.38	138	382147	76.81	nq	92
53) 2,4-Dinitrophenol	9.51	184	191553	94.87	nq	# 71
54) Dibenzofuran	9.66	168	1591142	73.42	nq	99
55) 4-Nitrophenol	9.66	139	882455	226.50	nq	# 29
56) 2,4-Dinitrotoluene	9.67	165	398667	74.91	nq	93
57) Fluorene	10.08	166	1170018	65.10	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.83	232	297191	79.55	nq	97
59) Diethylphthalate	9.97	149	1347400	73.76	nq	100
60) 4-Chlorophenyl-phenylether	10.09	204	492346	64.31	nq	96
61) 4-Nitroaniline	10.15	138	391213	81.95	nq	96
62) Azobenzene	10.29	77	1283014	74.25	nq	96
64) 4,6-Dinitro-2-methylphenol	10.18	198	245861	87.46	nq	# 70
65) n-Nitrosodiphenylamine	10.25	169	1141859	71.93	nq	99
66) 4-Bromophenyl-phenylether	10.69	248	334177	74.02	nq	96
67) Hexachlorobenzene	10.76	284	341406	74.70	nq	# 87
68) Atrazine	10.92	200	352181	74.07	nq	95
69) Pentachlorophenol	11.01	266	161832	56.89	nq	100
70) Phenanthrene	11.26	178	1820165	71.28	nq	99
71) Anthracene	11.32	178	1879246	71.48	nq	99
72) Carbazole	11.53	167	1787893	66.32	nq	98
73) Di-n-butylphthalate	11.97	149	1992198	71.06	nq	100
74) Fluoranthene	12.72	202	1892746	72.39	nq	99
76) Benzidine	12.89	184	1095601	76.10	nq	97
77) Pyrene	12.99	202	1923630	72.87	nq	100
79) Butylbenzylphthalate	13.81	149	886585	78.82	nq	# 83
80) Benzo(a)anthracene	14.46	228	1545475	72.86	nq	99
81) 3,3'-Dichlorobenzidine	14.44	252	521653	68.80	nq	# 96
82) Chrysene	14.51	228	1395879	70.91	nq	99
83) Bis(2-ethylhexyl)phthalate	14.53	149	1115471	72.69	nq	# 99
84) Di-n-octyl phthalate	15.28	149	1932925	75.40	nq	98
85) Indeno(1,2,3-cd)pyrene	17.37	276	1324002	77.66	nq	99
87) Benzo(b)fluoranthene	15.70	252	1423243	76.58	nq	99
88) Benzo(k)fluoranthene	15.73	252	1266628	69.65	nq	97
89) Benzo(a)pyrene	16.04	252	1281990	74.90	nq	98
90) Dibenzo(a,h)anthracene	17.39	278	1061801	73.25	nq	98
91) Benzo(g,h,i)perylene	17.75	276	1117016	76.47	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.76 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

ClientSampled :

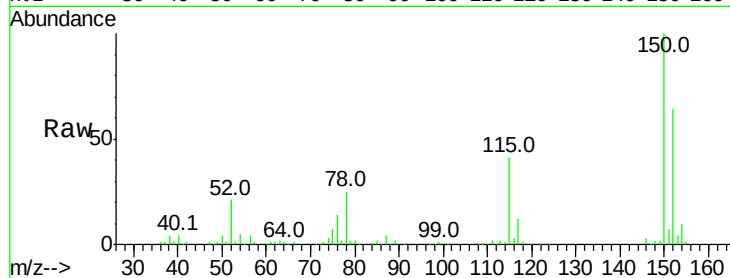
Tot Ion:152 Resp: 144050

Ion Ratio Lower Upper

152 100

150 155.9 126.2 189.2

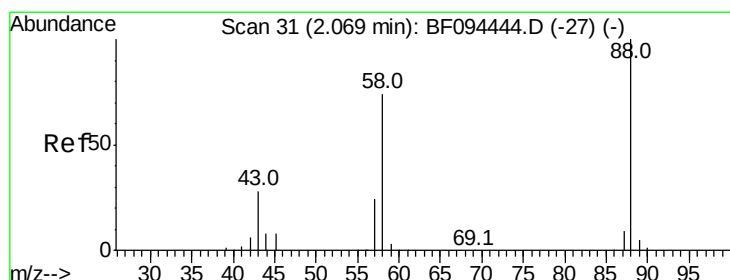
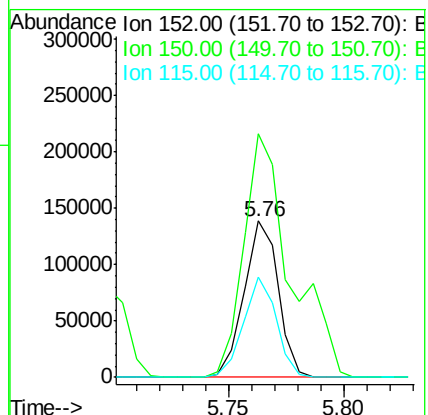
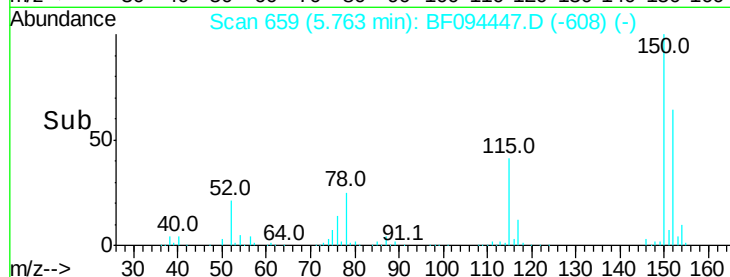
115 64.0 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 94.51 ng

RT: 2.08 min Scan# 32

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

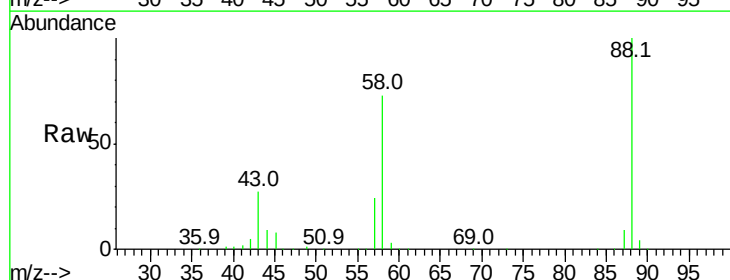
Tgt Ion: 88 Resp: 387245

Ion Ratio Lower Upper

88 100

58 73.0 61.4 92.0

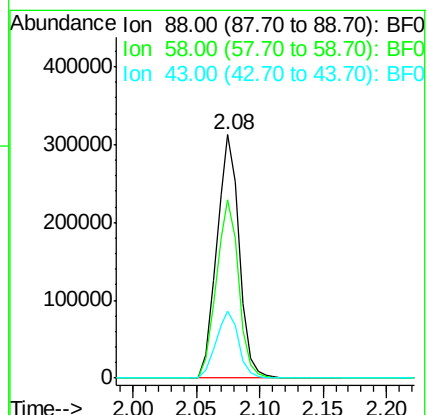
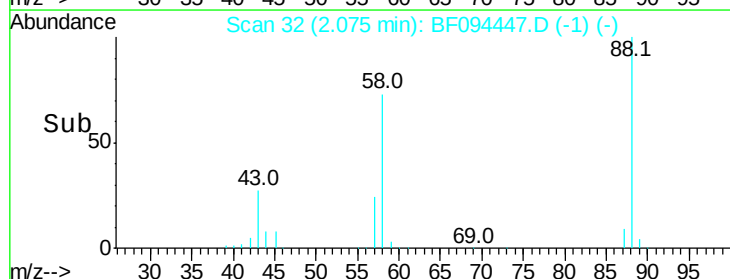
43 27.7 23.4 35.0

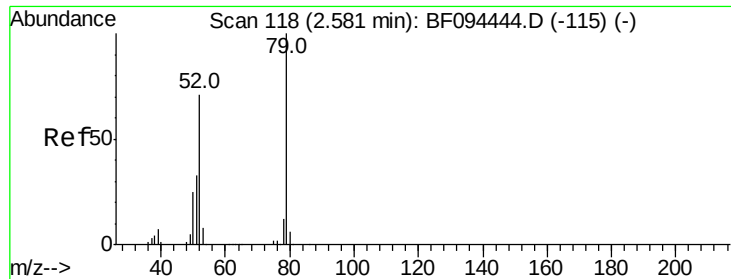


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 80.10 ng

RT: 2.59 min Scan# 119

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

ClientSampleId :

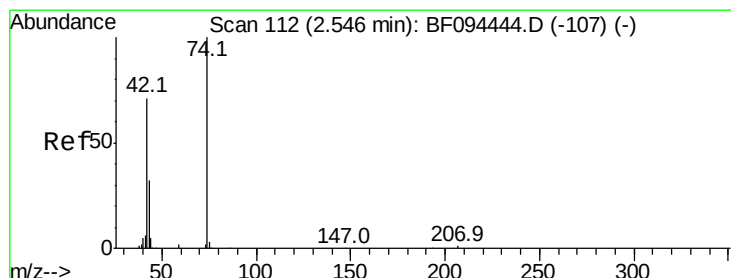
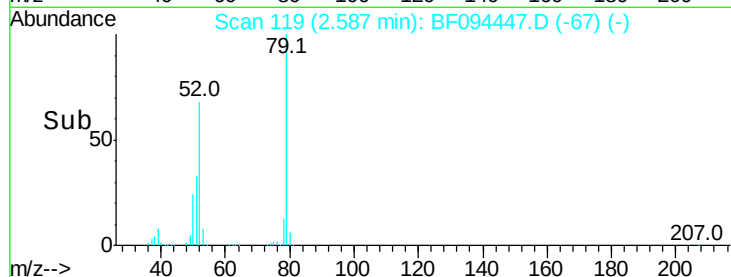
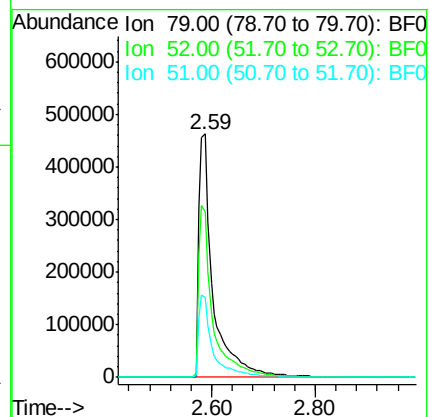
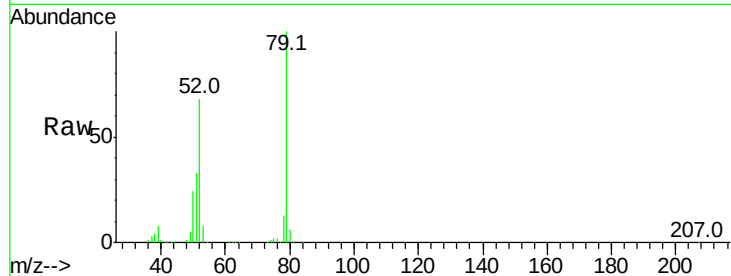
Tot Ion: 79 Resp: 894497

Ion Ratio Lower Upper

79 100

52 68.0 54.8 82.2

51 32.7 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 80.98 ng

RT: 2.57 min Scan# 116

Delta R.T. 0.02 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

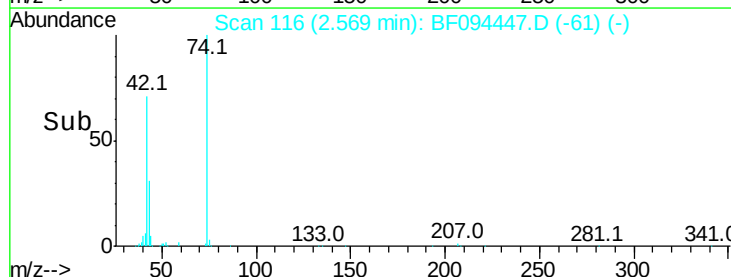
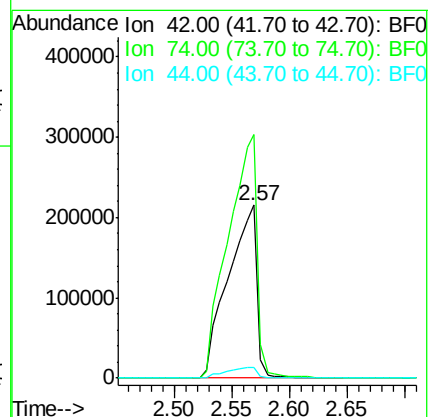
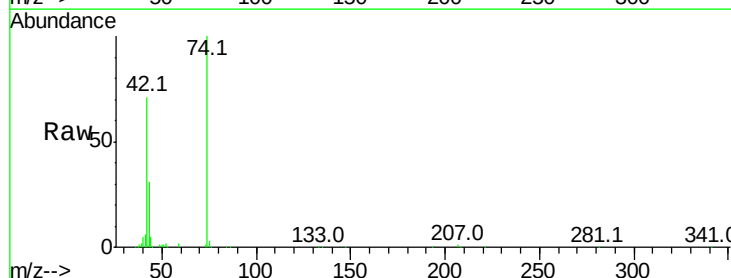
Tgt Ion: 42 Resp: 372097

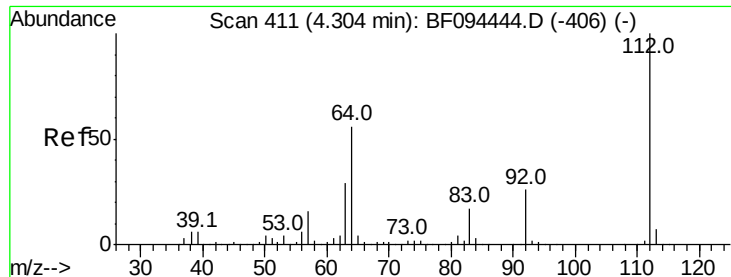
Ion Ratio Lower Upper

42 100

74 141.0 103.9 155.9

44 6.4 5.7 8.5





#5

2-Fluorophenol

Concen: 145.37 ng

RT: 4.31 min Scan# 412

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

ClientSampled :

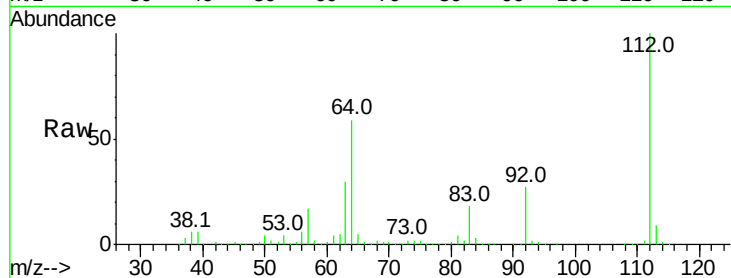
Tot Ion:112 Resp: 1239842

Ion Ratio Lower Upper

112 100

64 58.9 46.0 69.0

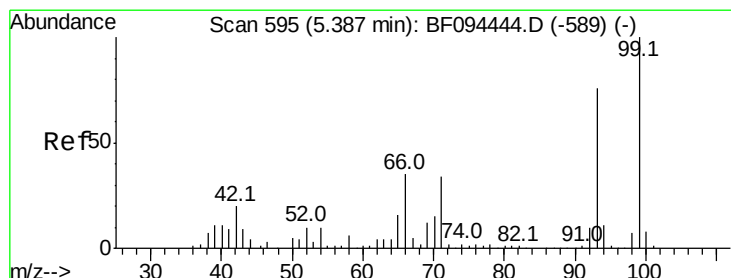
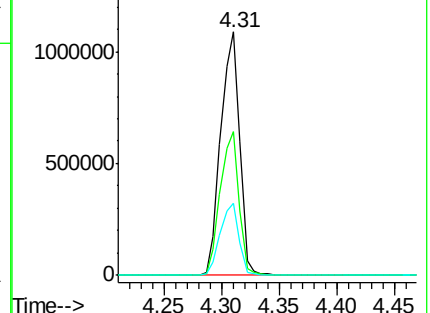
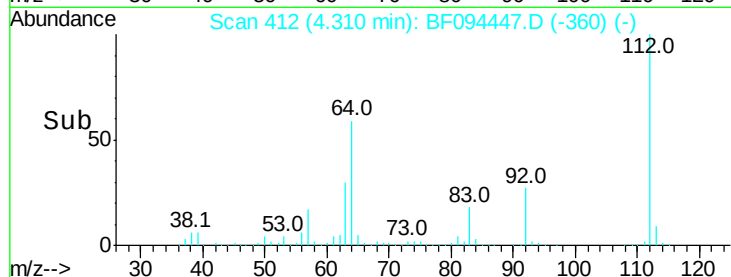
63 29.6 23.4 35.0



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: 68.08 ng

RT: 5.40 min Scan# 597

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

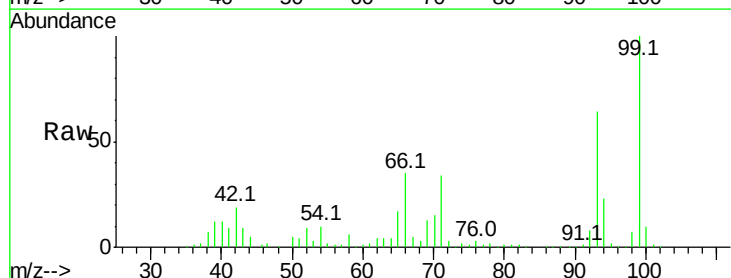
Tgt Ion: 93 Resp: 999155

Ion Ratio Lower Upper

93 100

66 55.4 32.9 49.3#

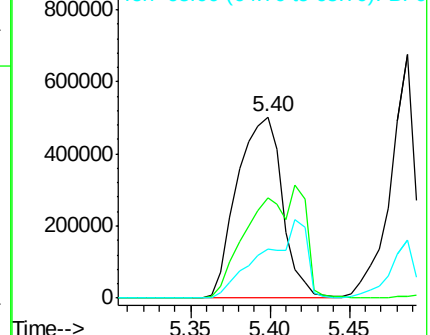
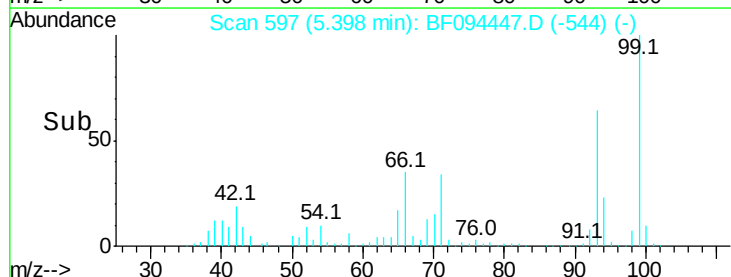
65 27.2 16.0 24.0#

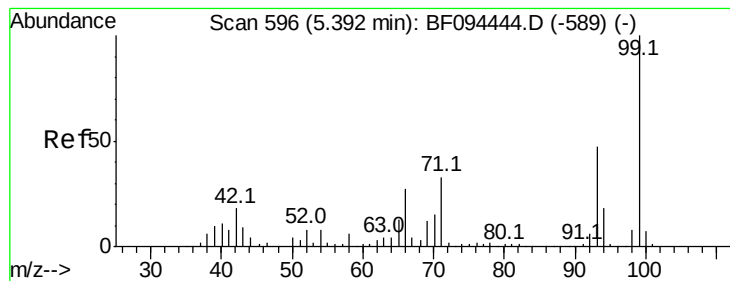


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 140.20 ng

RT: 5.40 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

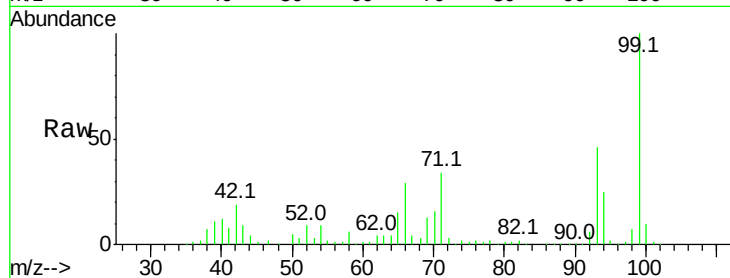
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1479266

Ion	Ratio	Lower	Upper
99	100		
42	19.1	13.5	20.3
71	34.3	24.5	36.7

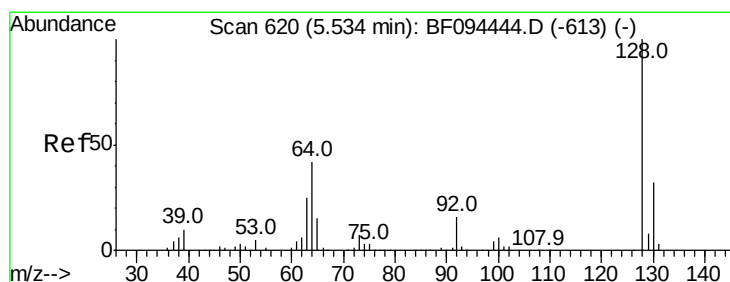
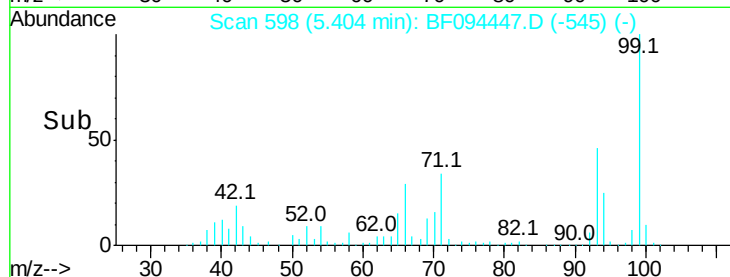
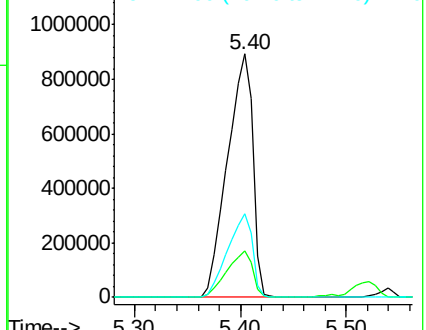


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 75.56 ng

RT: 5.54 min Scan# 621

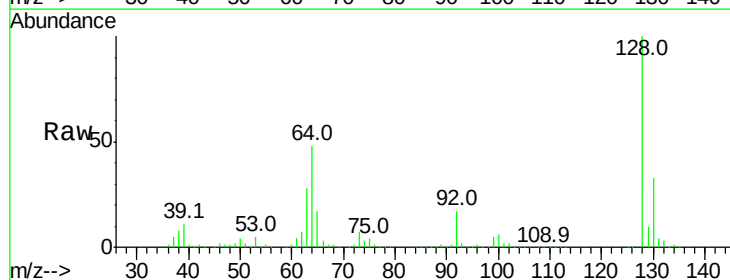
Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Tgt Ion:128 Resp: 708355

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.9	52.9
64	47.6	28.4	68.4

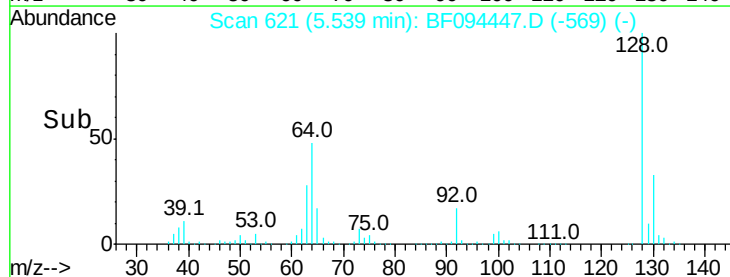
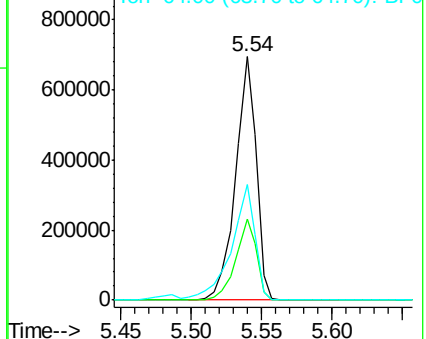


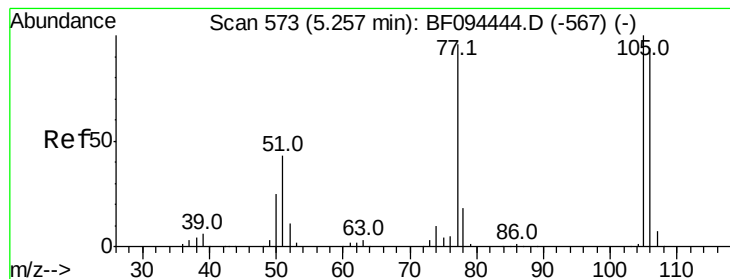
Abundance

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: 78.05 ng

RT: 5.26 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

ClientSampled :

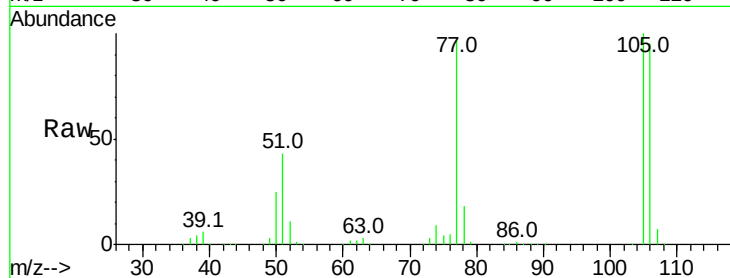
Tot Ion: 77 Resp: 556046

Ion Ratio Lower Upper

77 100

105 103.1 83.8 123.8

106 97.7 79.1 119.1

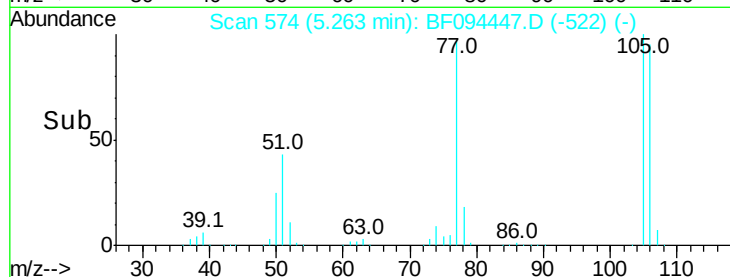


Abundance Ion 77.00 (76.70 to 77.70): BF0

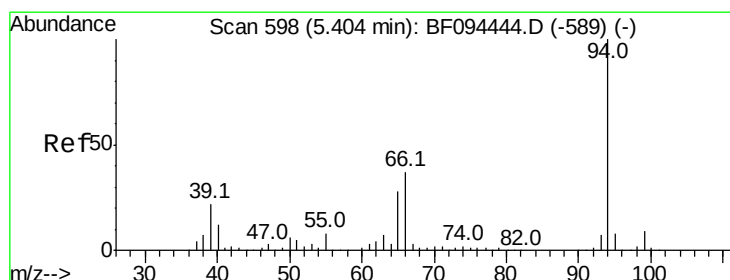
Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

5.26



Time-->



#10

Phenol

Concen: 77.31 ng

RT: 5.42 min Scan# 601

Delta R.T. 0.02 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

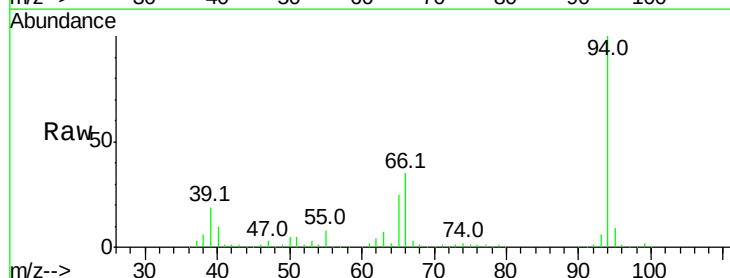
Tgt Ion: 94 Resp: 928198

Ion Ratio Lower Upper

94 100

65 25.1 9.9 49.9

66 35.0 23.1 63.1

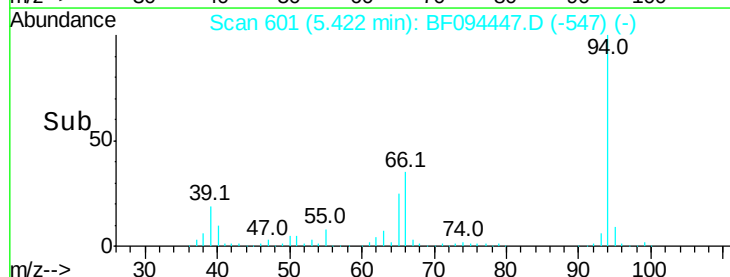


Abundance Ion 94.00 (93.70 to 94.70): BF0

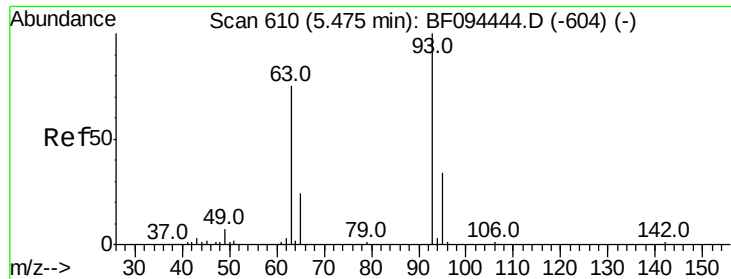
Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

5.42



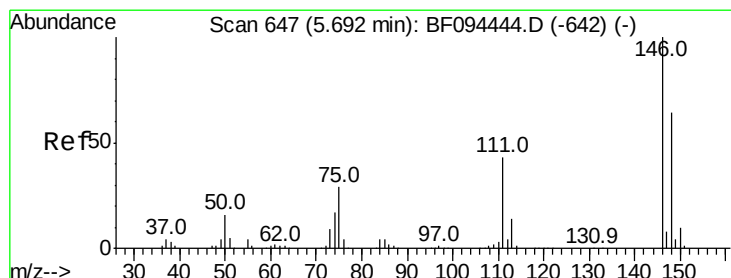
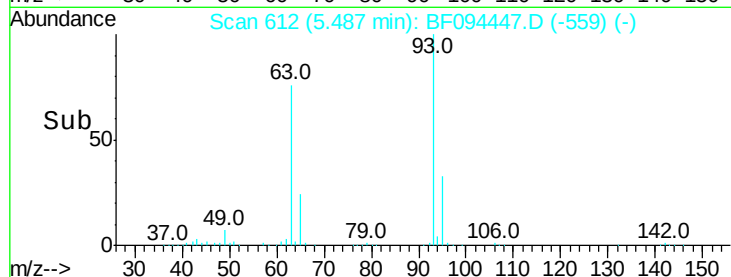
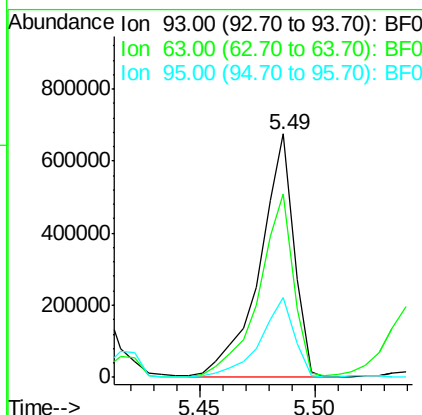
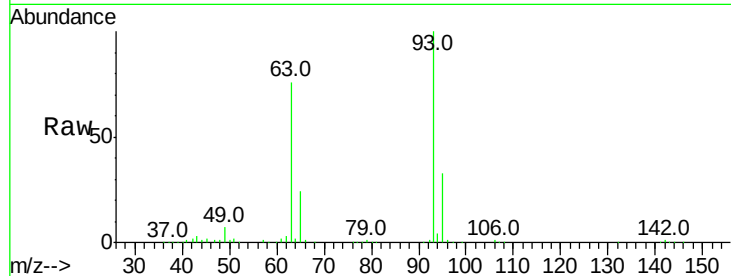
Time-->



#11
bis(2-Chloroethyl)ether
Concen: 74.27 ng
RT: 5.49 min Scan# 612
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

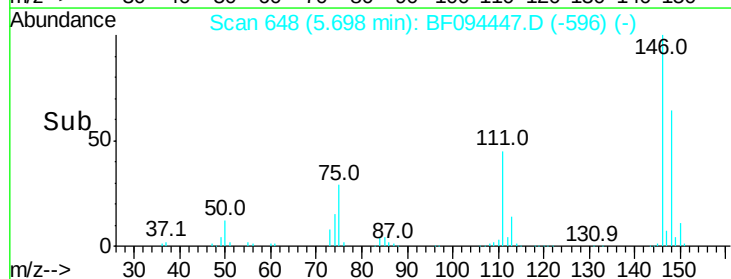
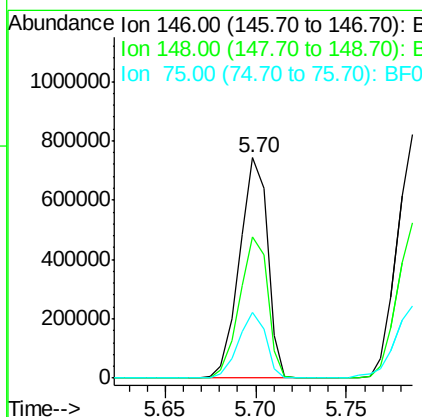
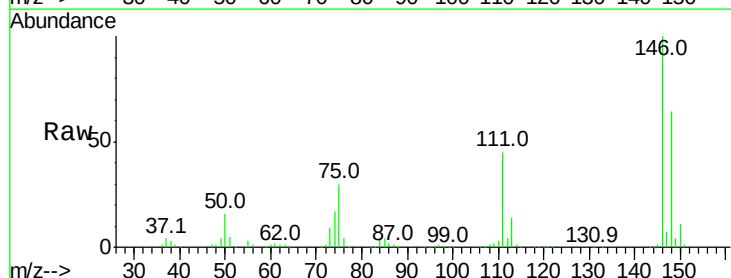
Instrument :
BNA_F
ClientSampleId :

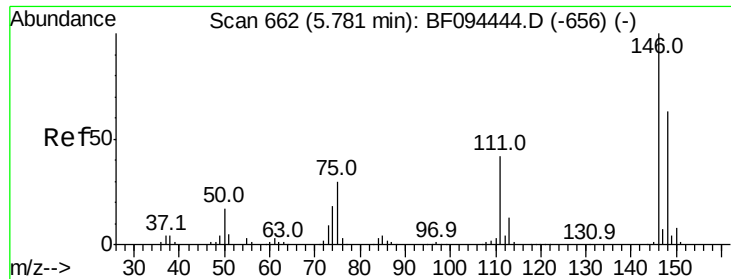
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.6	59.2	99.2
95	32.9	12.8	52.8



#12
1,3-Dichlorobenzene
Concen: 76.05 ng
RT: 5.70 min Scan# 648
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.6
75	29.7	23.1	34.7

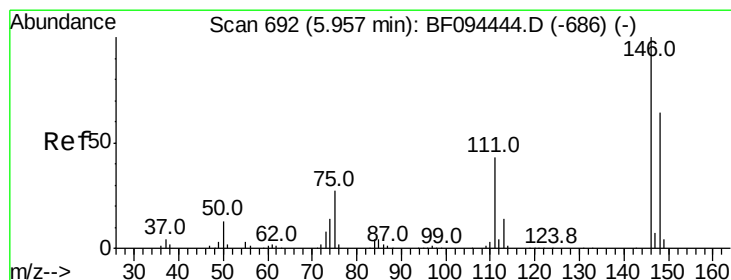
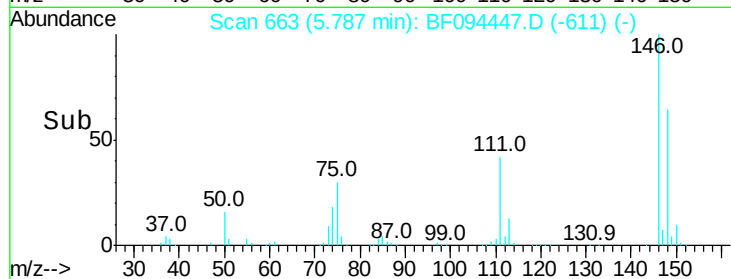
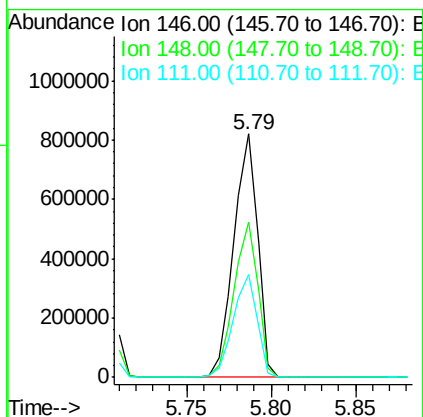
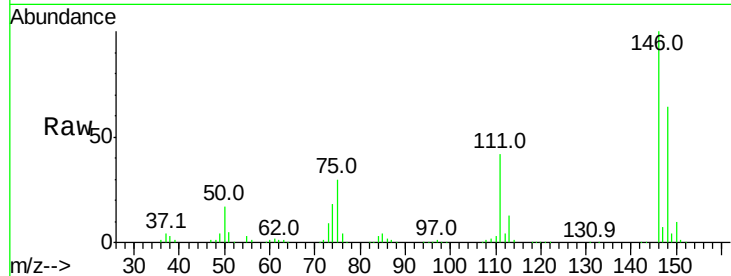




#13
 1,4-Dichlorobenzene
 Concen: 75.61 ng
 RT: 5.79 min Scan# 663
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

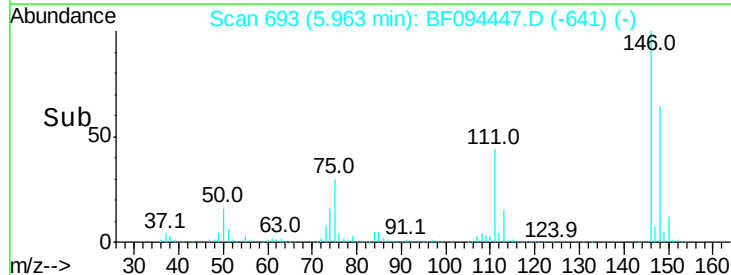
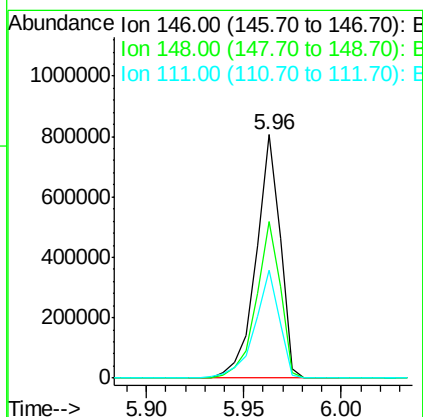
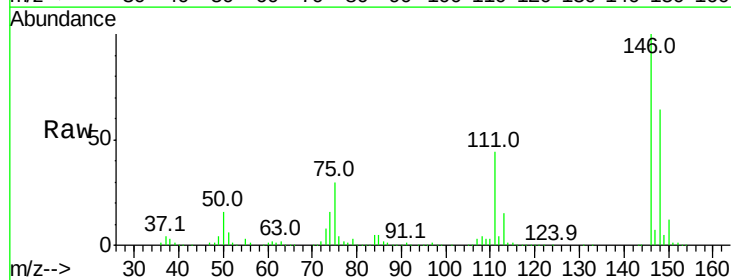
Instrument :
 BNA_F
 ClientSampled :

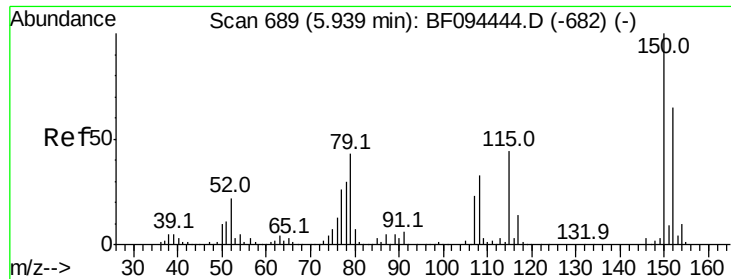
Tot Ion:146 Resp: 805312
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.2 78.2
 111 42.2 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 70.39 ng
 RT: 5.96 min Scan# 693
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Tgt Ion:146 Resp: 690361
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.4 75.6
 111 44.3 38.2 57.4

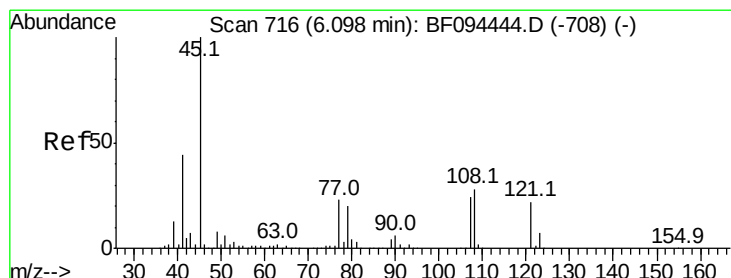
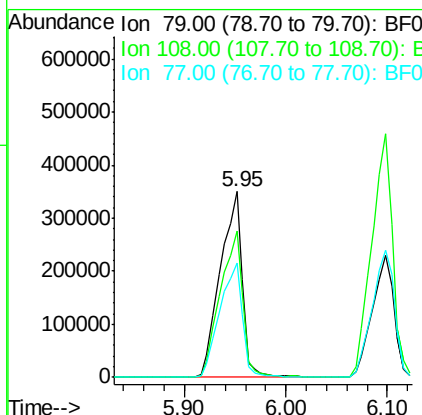
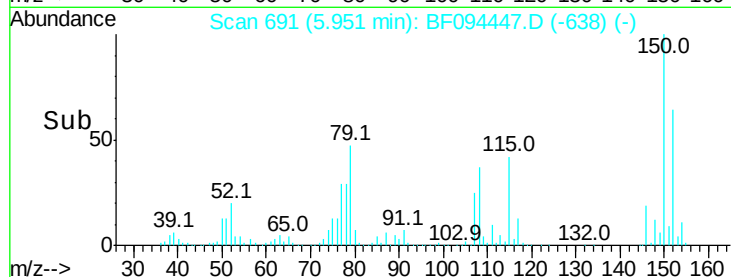
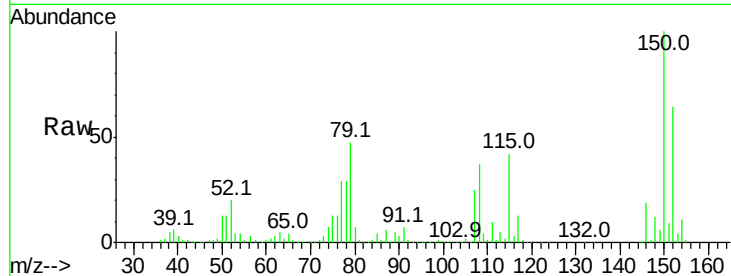




#15
Benzyl Alcohol
Concen: 69.39 ng
RT: 5.95 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

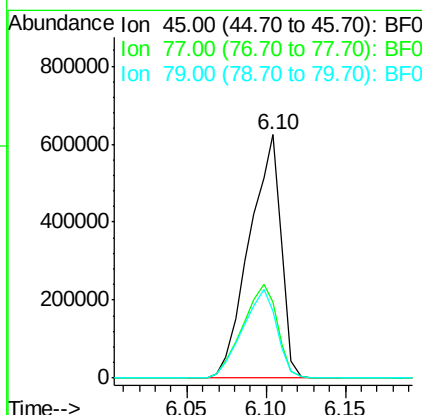
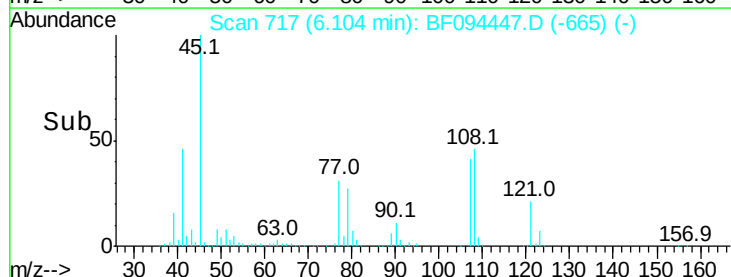
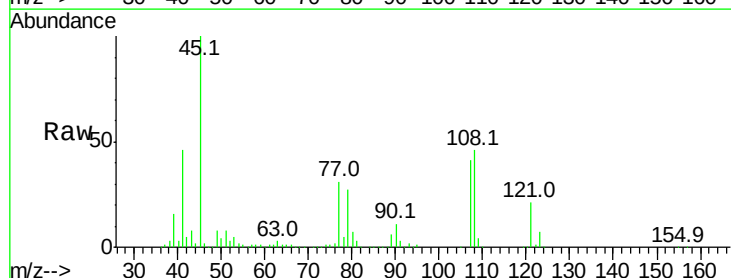
Instrument :
BNA_F
ClientSampleId :

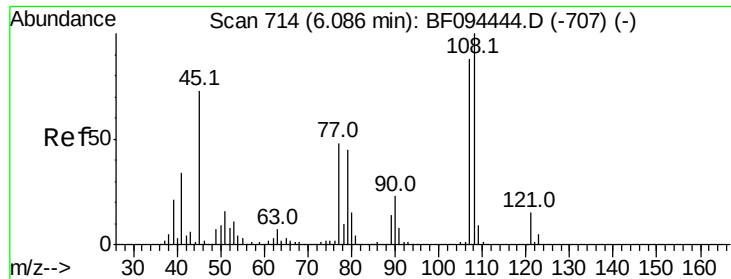
Tot Ion: 79 Resp: 535871
Ion Ratio Lower Upper
79 100
108 78.9 63.4 95.0
77 62.0 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 60.05 ng
RT: 6.10 min Scan# 717
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Tgt Ion: 45 Resp: 868189
Ion Ratio Lower Upper
45 100
77 31.0 0.0 33.2
79 27.4 0.0 30.0





#17

2-Methylphenol

Concen: 71.43 ng

RT: 6.10 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 573493

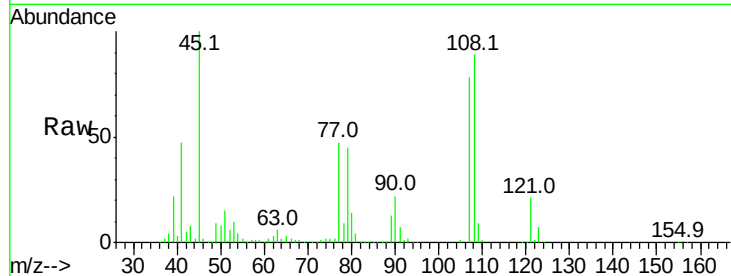
Ion Ratio Lower Upper

107 100

108 114.9 93.4 140.0

77 60.3 35.8 53.6#

79 57.3 34.8 52.2#

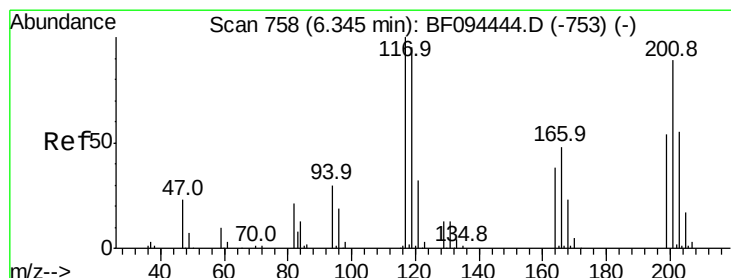
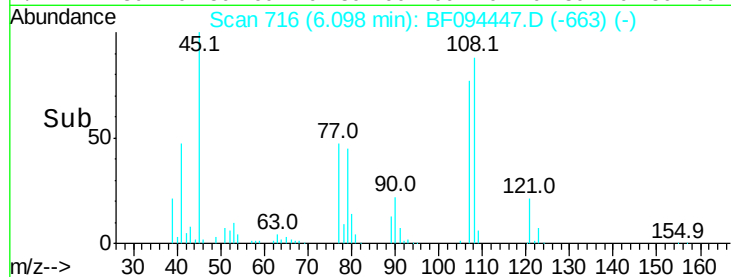
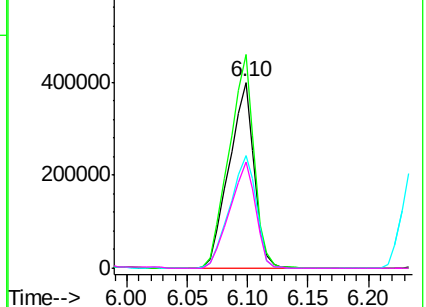


Abundance Ion 107.00 (106.70 to 107.70): E

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: 75.82 ng

RT: 6.35 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

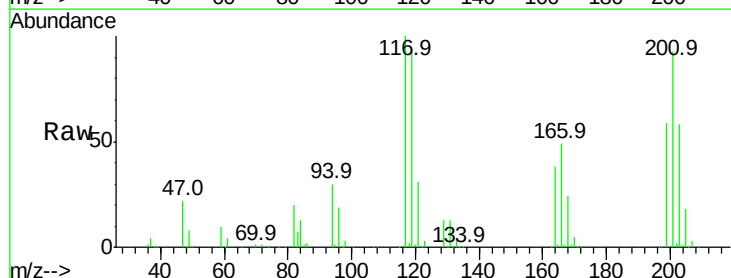
Tgt Ion:117 Resp: 283834

Ion Ratio Lower Upper

117 100

119 93.5 77.4 116.0

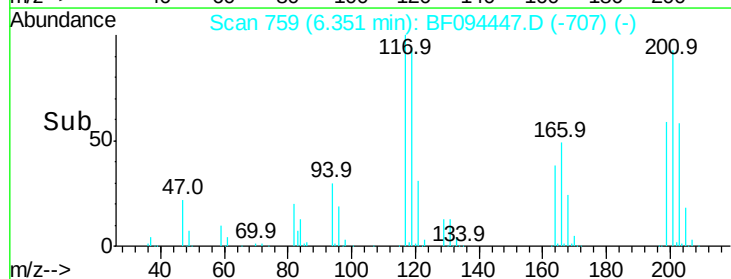
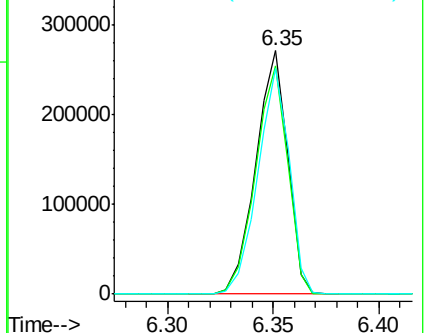
201 92.6 94.6 141.8#

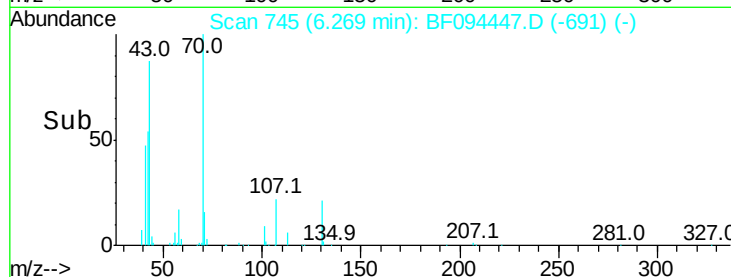
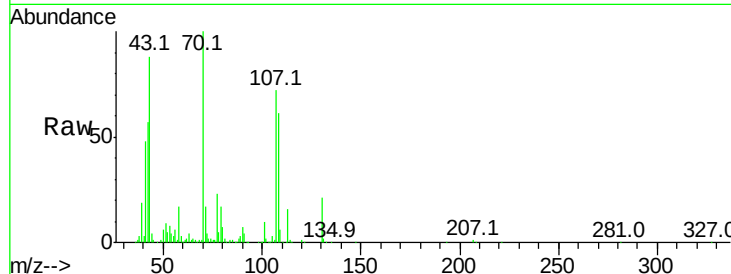
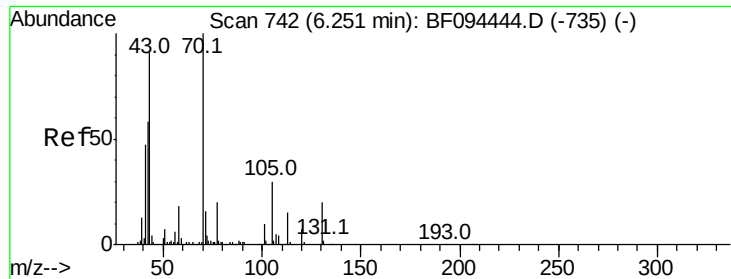


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

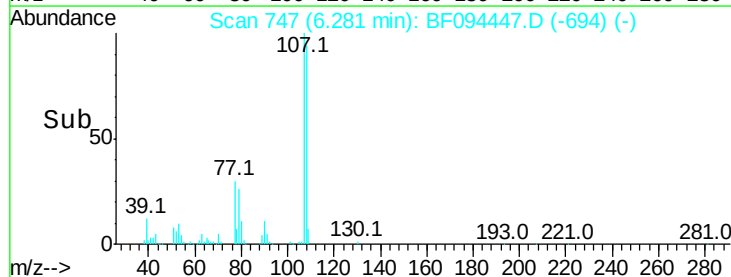
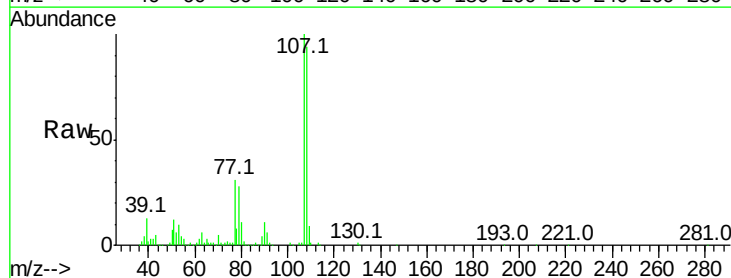
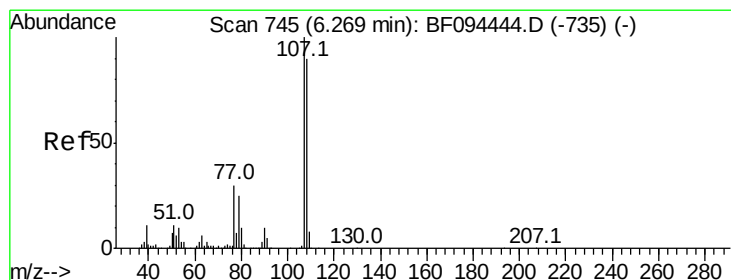
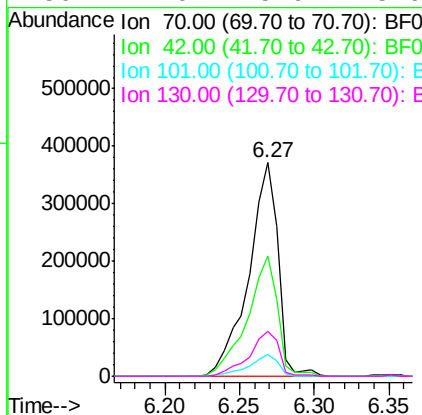




#19
n-Nitroso-di-n-propylamine
Concen: 73.90 ng
RT: 6.27 min Scan# 745
Delta R.T. 0.02 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

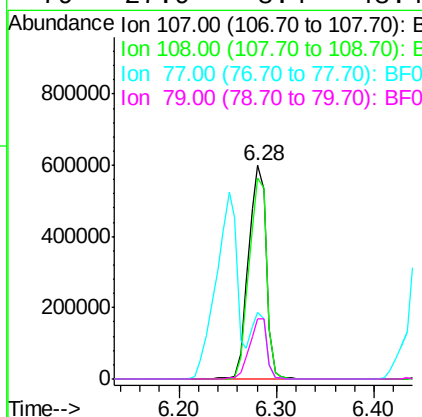
Instrument :
BNA_F
ClientSampleId :

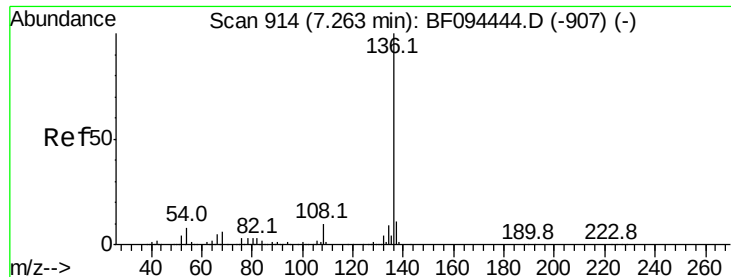
Tot Ion: 70 Resp: 501150
Ion Ratio Lower Upper
70 100
42 56.6 47.2 70.8
101 10.1 7.2 10.8
130 21.0 15.9 23.9



#20
3+4-Methylphenols
Concen: 77.92 ng
RT: 6.28 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Tgt Ion:107 Resp: 757674
Ion Ratio Lower Upper
107 100
108 94.3 71.0 111.0
77 31.4 90.5 130.5#
79 27.9 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.27 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 583940

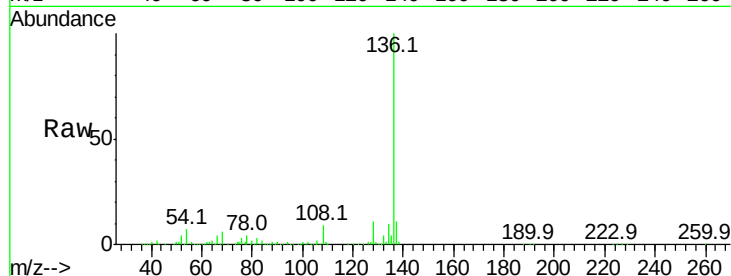
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 6.8 4.9 7.3

68 5.8 4.1 6.1

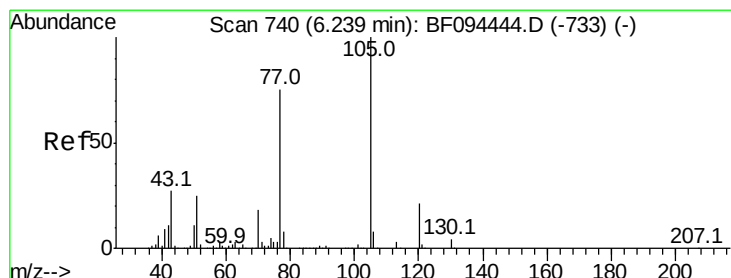
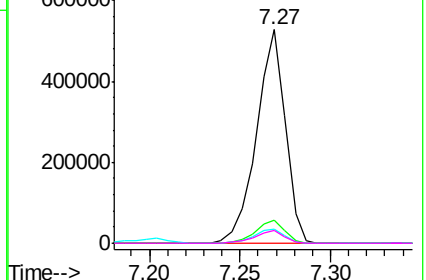
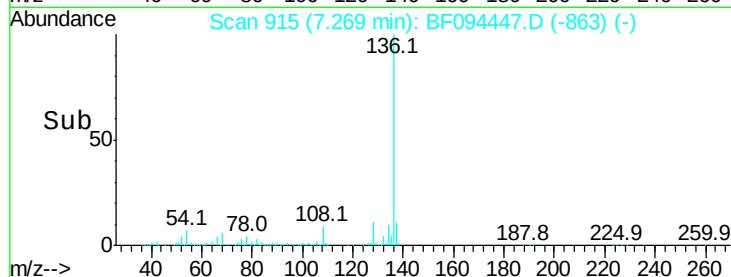


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.53 ng

RT: 6.25 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Tgt Ion:105 Resp: 1061139

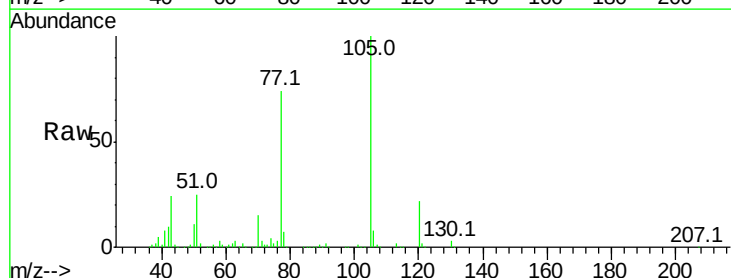
Ion Ratio Lower Upper

105 100

71 2.5 2.8 4.2#

51 24.9 30.7 46.1#

120 21.7 17.4 26.0

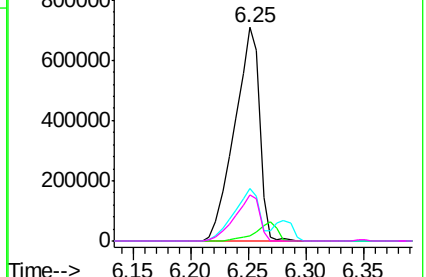
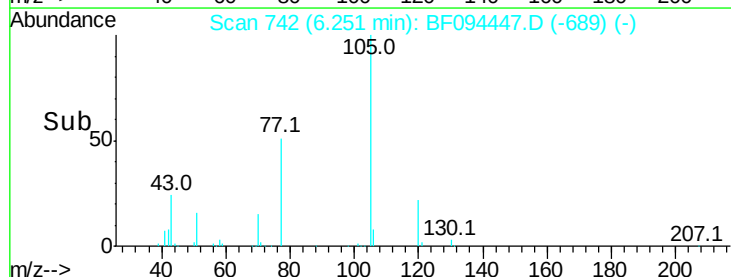


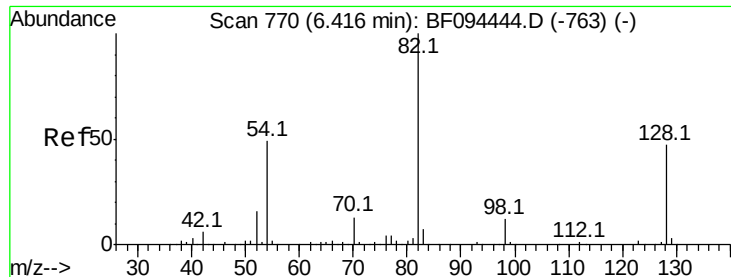
Abundance Ion 105.00 (104.70 to 105.70): E

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



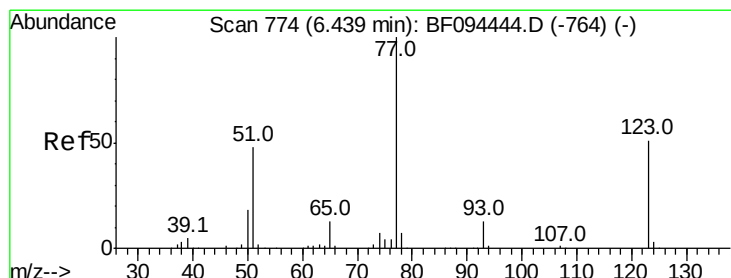
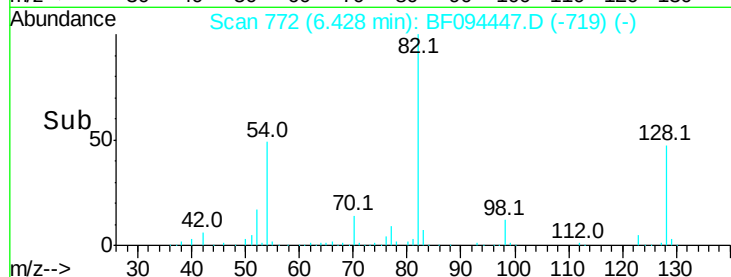
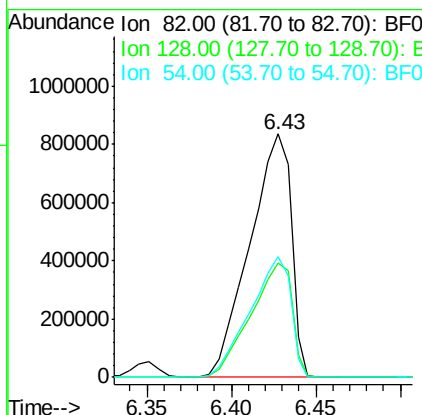
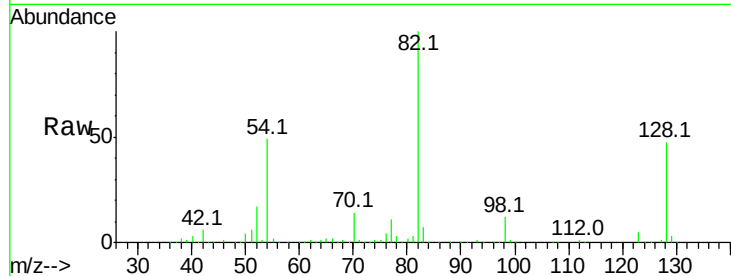


#23
 Nitrobenzene-d5
 Concen: 139.13 ng
 RT: 6.43 min Scan# 772
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1423585

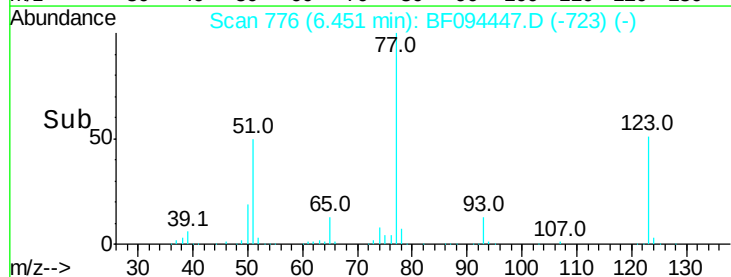
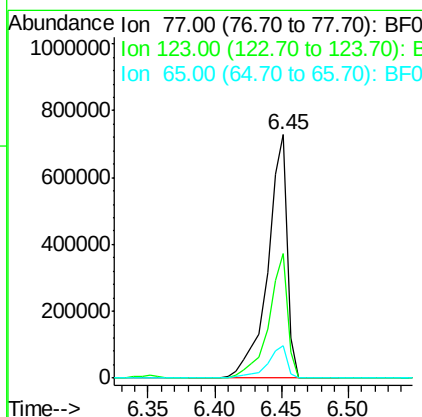
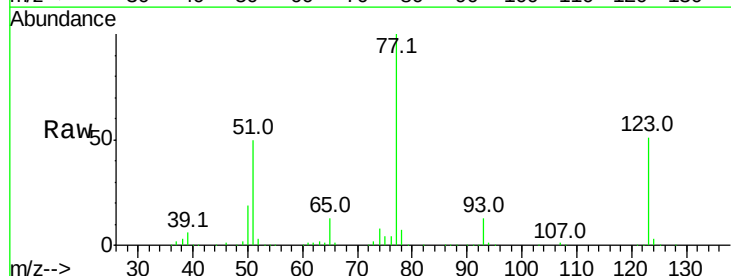
Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.0	51.0
54	49.5	42.2	63.2

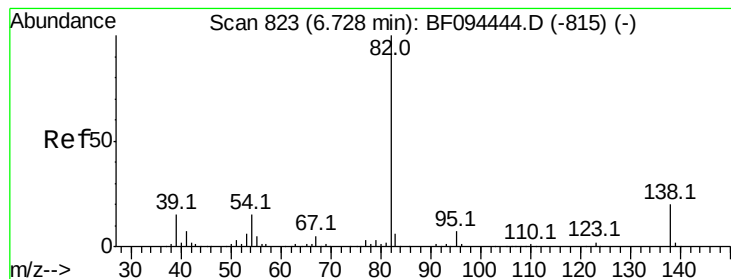


#24
 Nitrobenzene
 Concen: 73.00 ng
 RT: 6.45 min Scan# 776
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Tgt Ion: 77 Resp: 736733

Ion	Ratio	Lower	Upper
77	100		
123	51.1	35.8	53.8
65	13.3	10.6	15.8





#25

Isophorone

Concen: 75.74 ng

RT: 6.74 min Scan# 825

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

ClientSampleId :

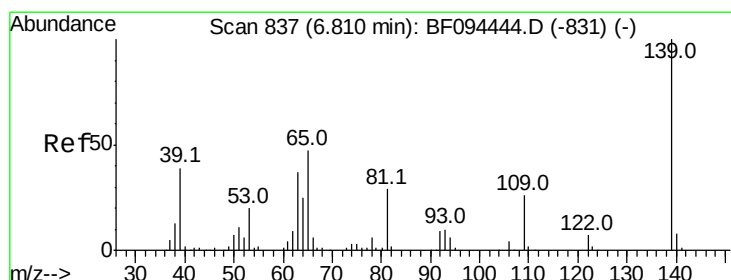
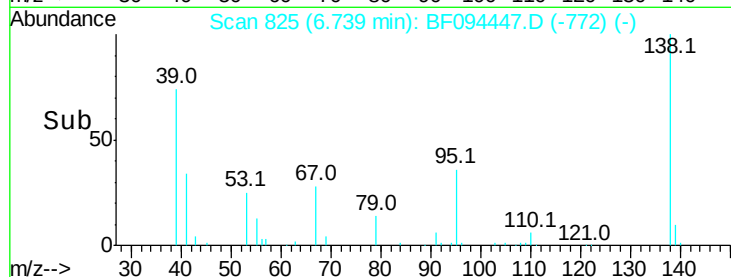
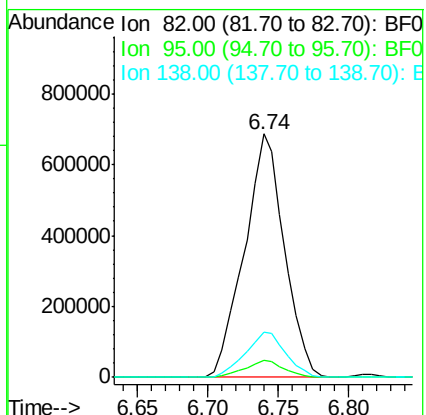
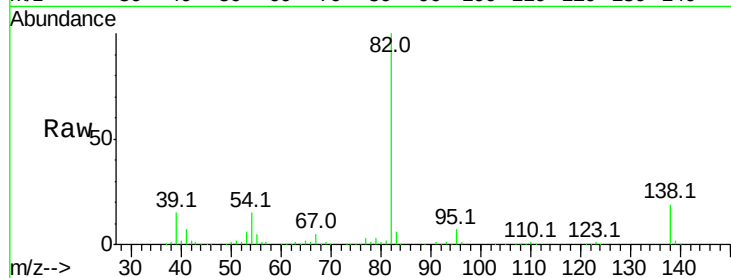
Tot Ion: 82 Resp: 1361862

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 18.7 13.1 19.7



#26

2-Nitrophenol

Concen: 87.35 ng

RT: 6.82 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

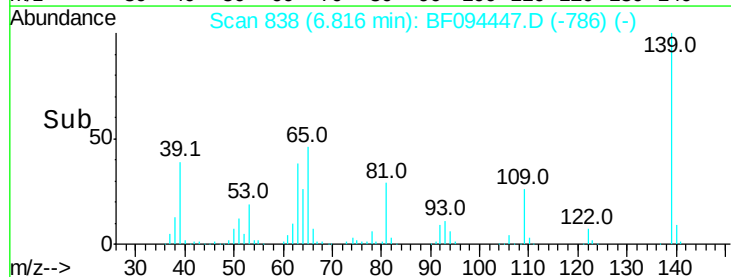
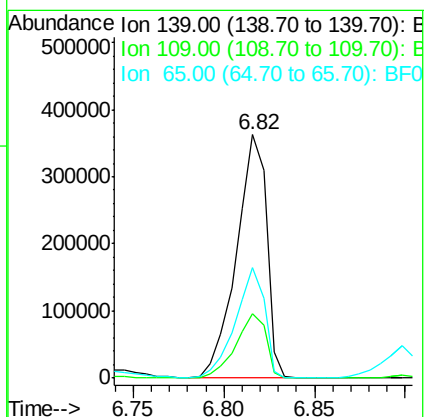
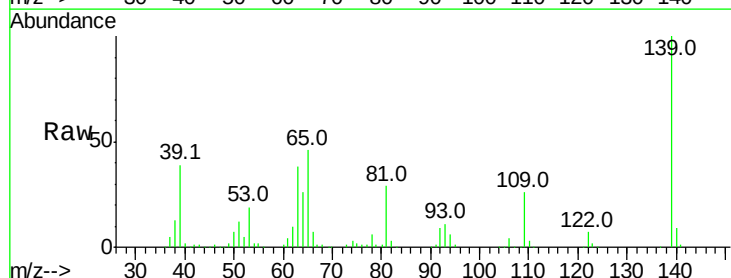
Tgt Ion:139 Resp: 420399

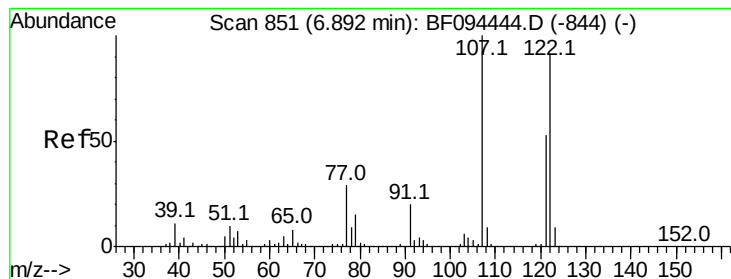
Ion Ratio Lower Upper

139 100

109 26.5 21.0 31.6

65 45.6 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 78.01 ng

RT: 6.90 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

ClientSampled :

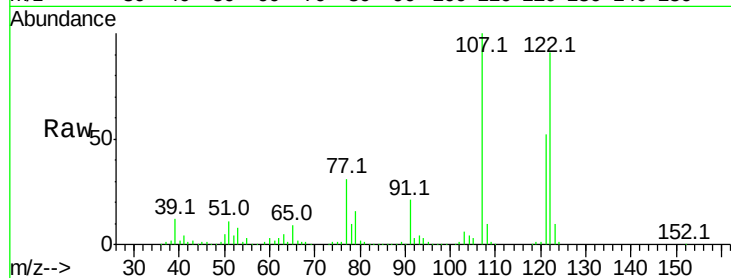
Tot Ion:122 Resp: 646857

Ion Ratio Lower Upper

122 100

107 110.2 89.2 133.8

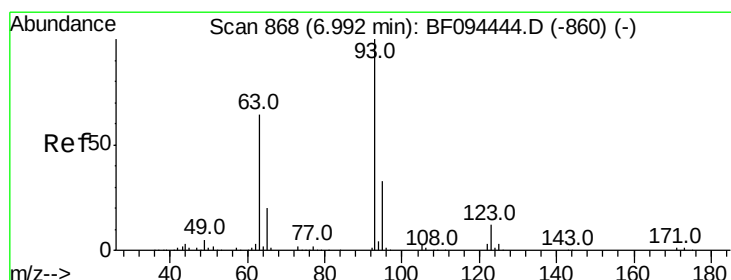
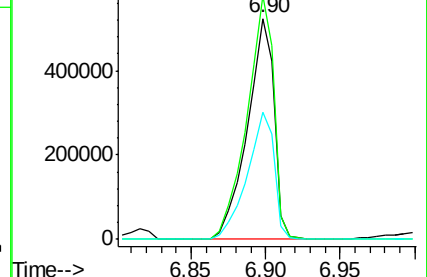
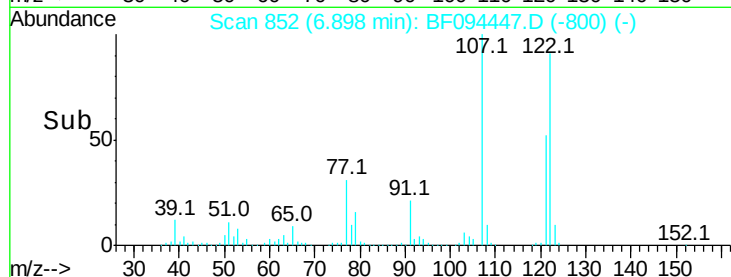
121 57.8 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 71.75 ng

RT: 7.00 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

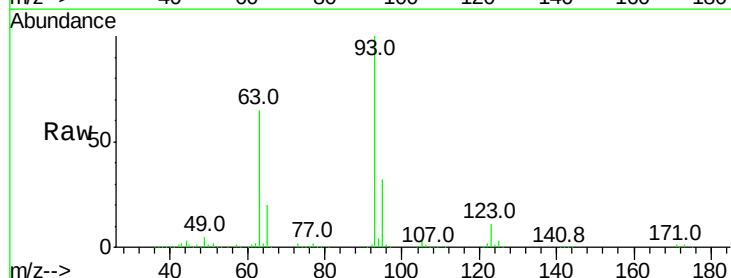
Tgt Ion: 93 Resp: 850720

Ion Ratio Lower Upper

93 100

95 32.4 26.5 39.7

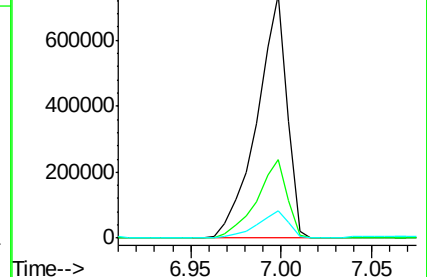
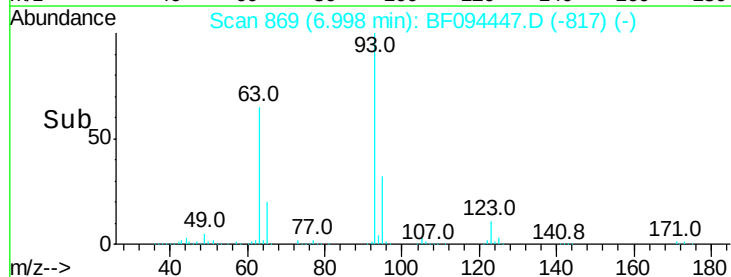
123 11.0 9.0 13.4

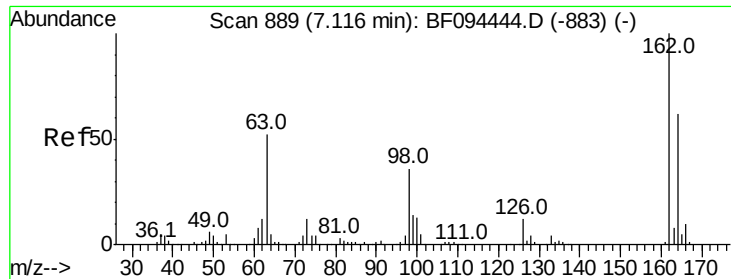


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

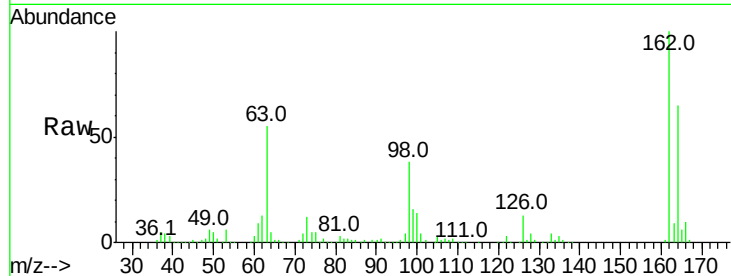




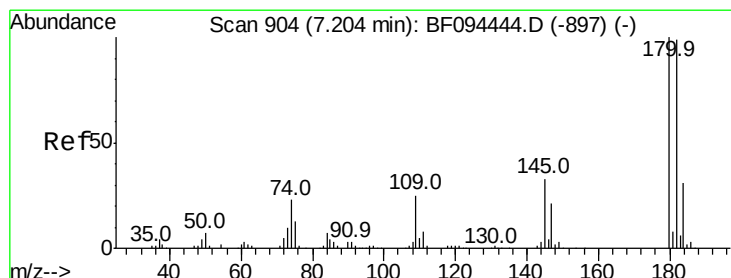
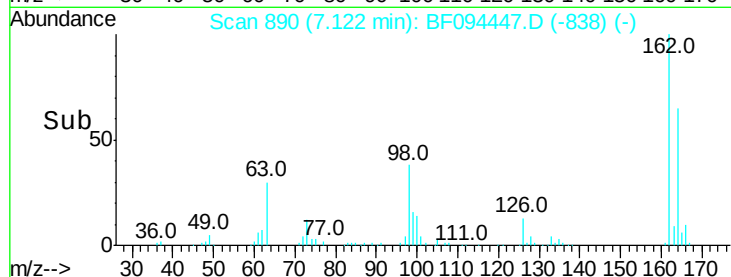
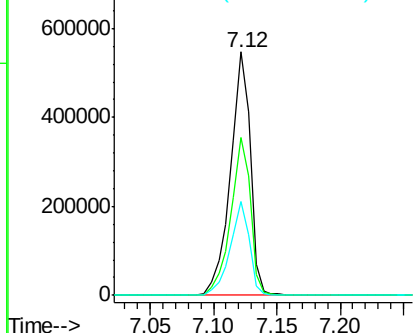
#29
 2,4-Dichlorophenol
 Concen: 76.23 ng
 RT: 7.12 min Scan# 890
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
162	100	590997		
164	65.0		44.6	84.6
98	38.4		14.8	54.8

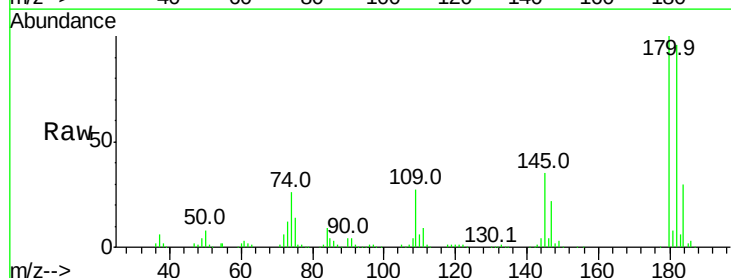


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

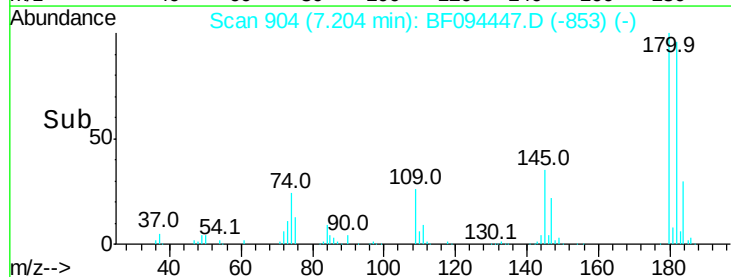
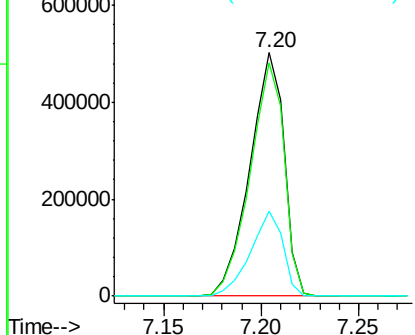


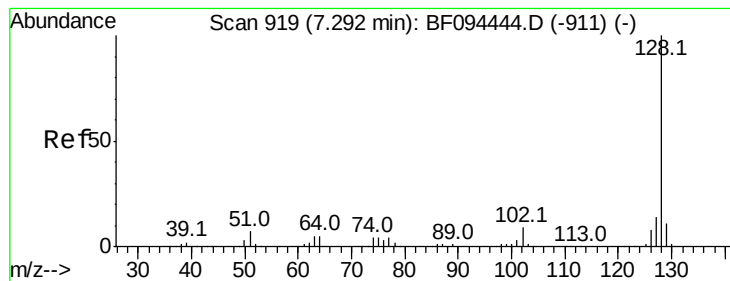
#30
 1,2,4-Trichlorobenzene
 Concen: 76.32 ng
 RT: 7.20 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	609492		
182	95.8		75.8	113.6
145	34.7		25.3	37.9



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





#31

Naphthalene

Concen: 70.75 ng

RT: 7.30 min Scan# 920

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

ClientSampleId :

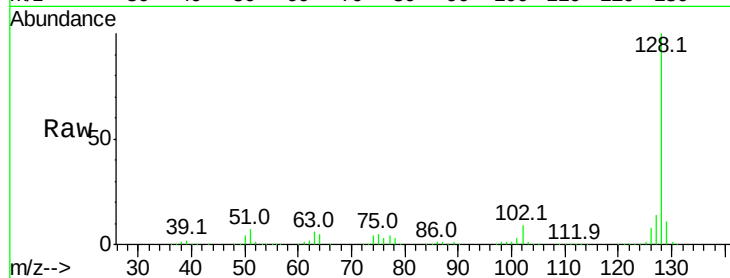
Tot Ion:128 Resp: 1986551

Ion Ratio Lower Upper

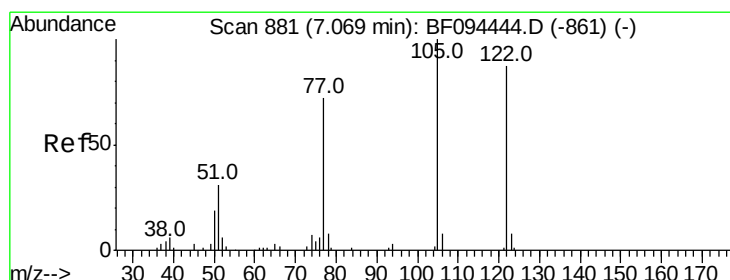
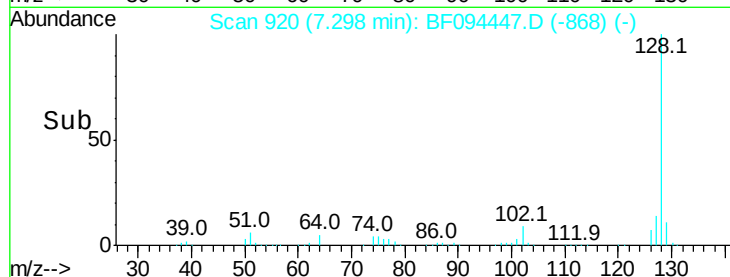
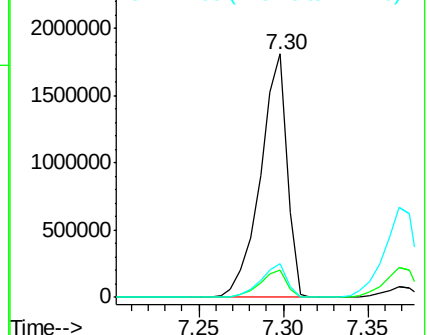
128 100

129 11.1 9.0 13.6

127 13.8 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: 70.68 ng

RT: 7.11 min Scan# 888

Delta R.T. 0.04 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

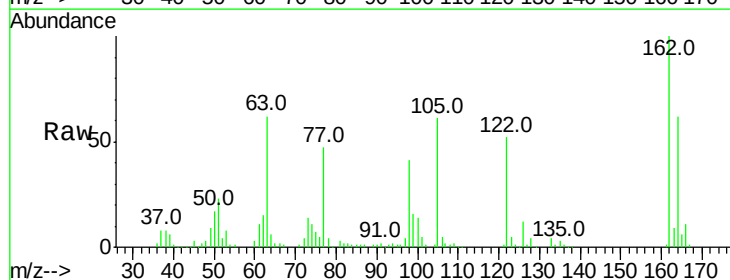
Tgt Ion:122 Resp: 390190

Ion Ratio Lower Upper

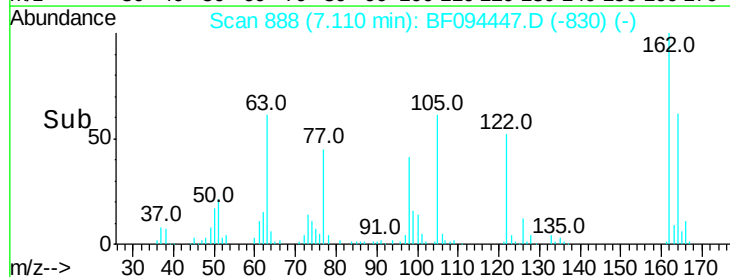
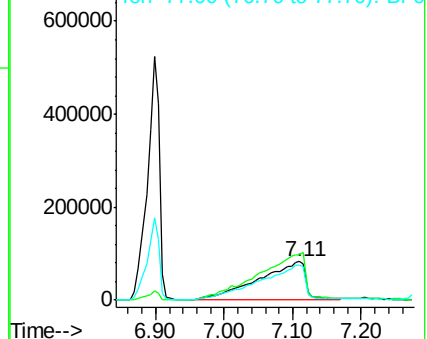
122 100

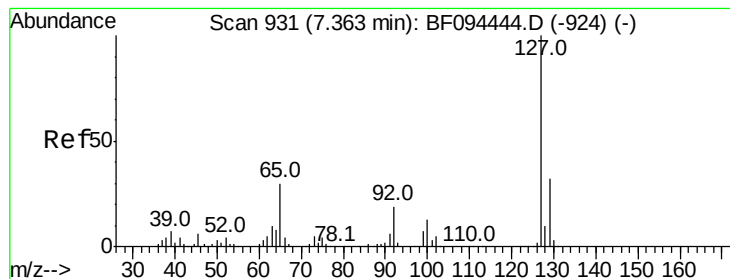
105 117.2 103.3 143.3

77 89.8 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: 74.07 ng

RT: 7.37 min Scan# 932

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 842922

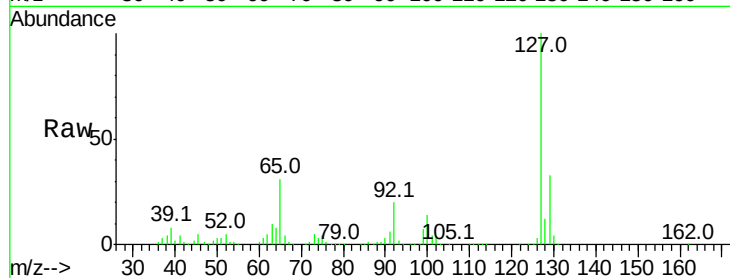
Ion Ratio Lower Upper

127 100

129 32.9 26.2 39.2

65 30.9 27.8 41.8

92 19.8 16.8 25.2

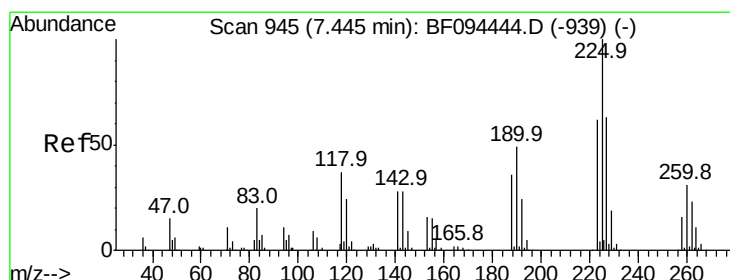
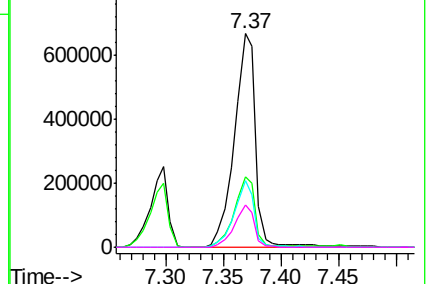
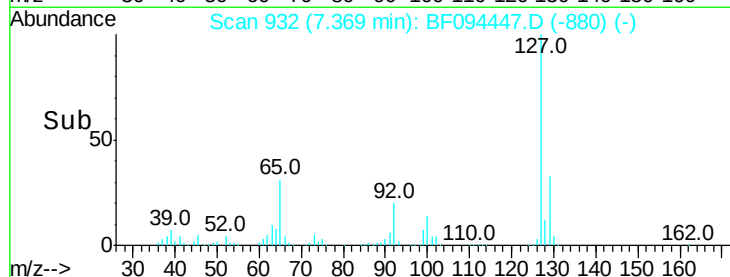


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 73.13 ng

RT: 7.45 min Scan# 946

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

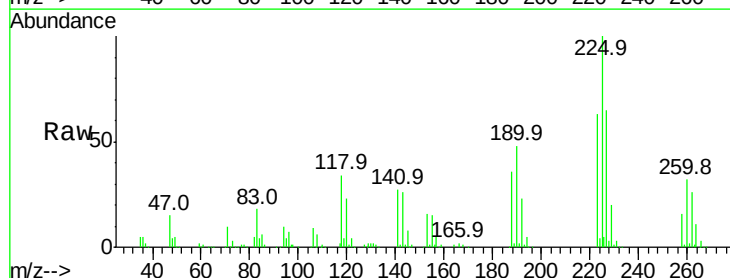
Tgt Ion:225 Resp: 299485

Ion Ratio Lower Upper

225 100

223 63.0 48.8 73.2

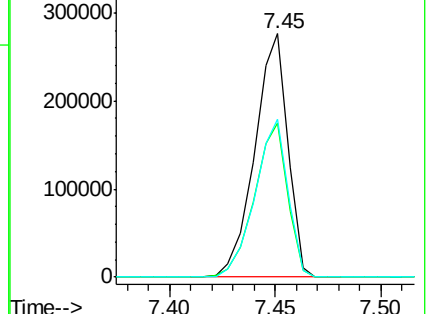
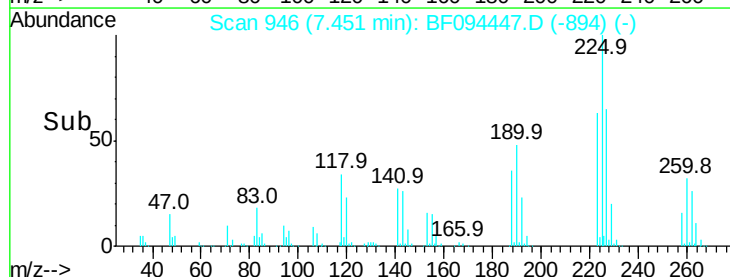
227 64.7 51.1 76.7

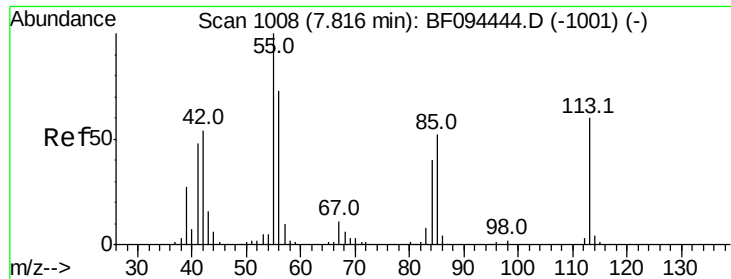


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

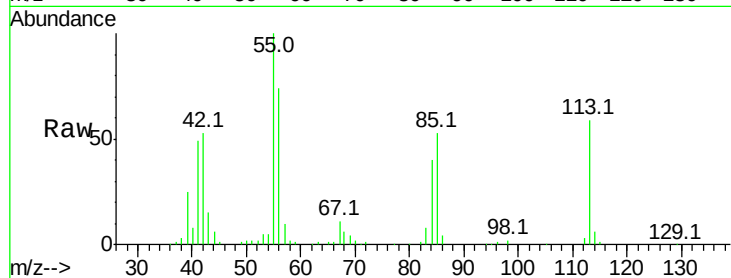




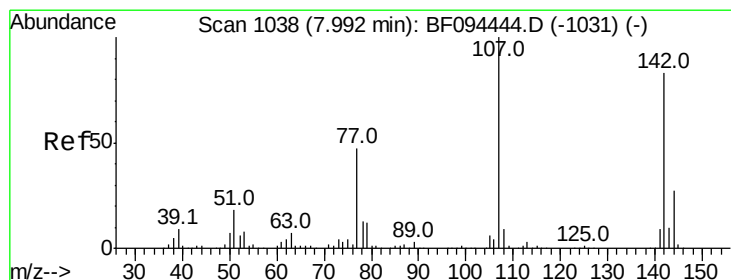
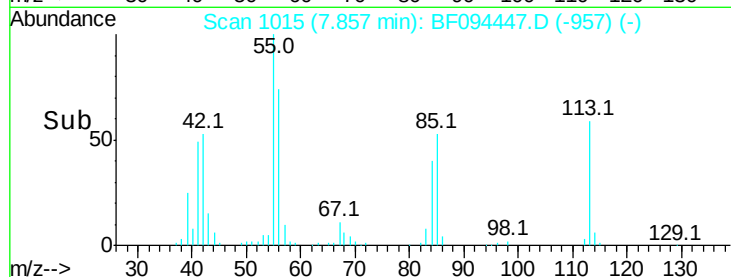
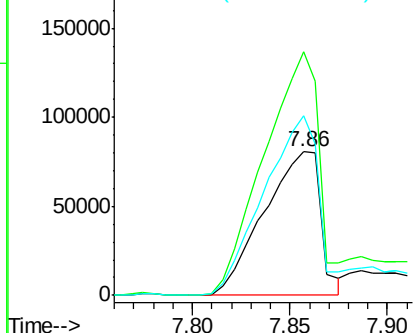
#35
 Caprolactam
 Concen: 65.64 ng
 RT: 7.86 min Scan# 1015
 Delta R.T. 0.04 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 162290
 Ion Ratio Lower Upper
 113 100
 55 169.4 150.2 190.2
 56 124.9 107.8 147.8

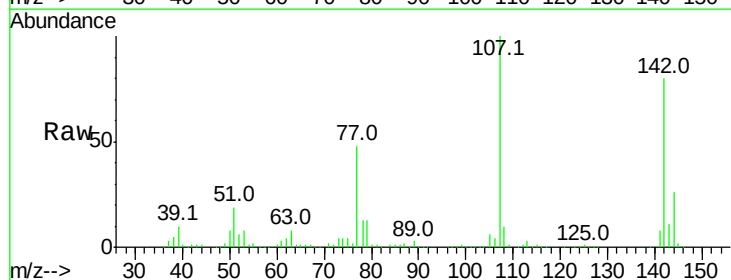


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

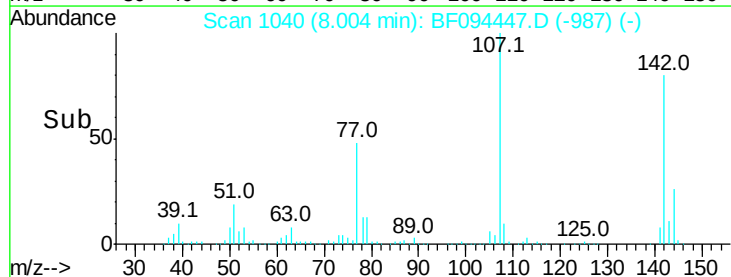
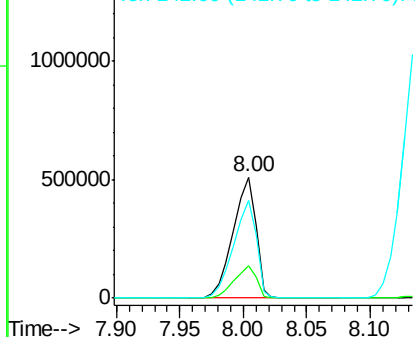


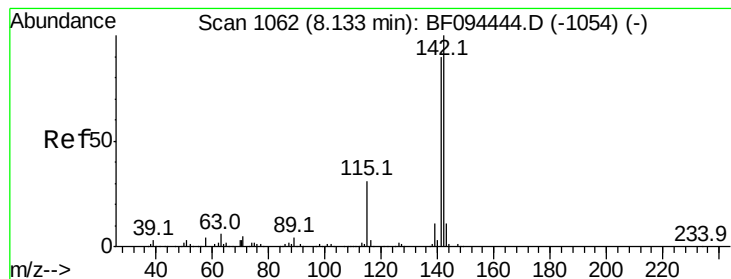
#36
 4-Chloro-3-methylphenol
 Concen: 78.70 ng
 RT: 8.00 min Scan# 1040
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Tgt Ion:107 Resp: 637574
 Ion Ratio Lower Upper
 107 100
 144 26.4 24.2 36.4
 142 80.4 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: 72.53 ng

RT: 8.14 min Scan# 1063

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

ClientSampleId :

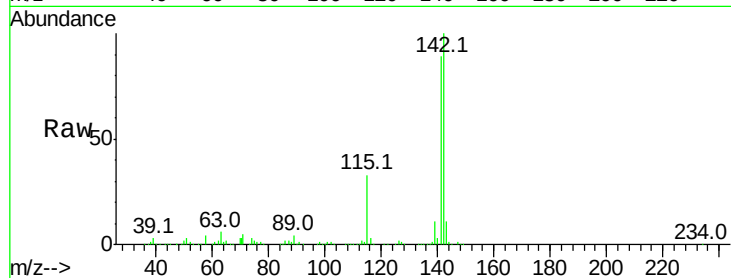
Tot Ion:142 Resp: 1357593

Ion Ratio Lower Upper

142 100

141 88.5 71.3 106.9

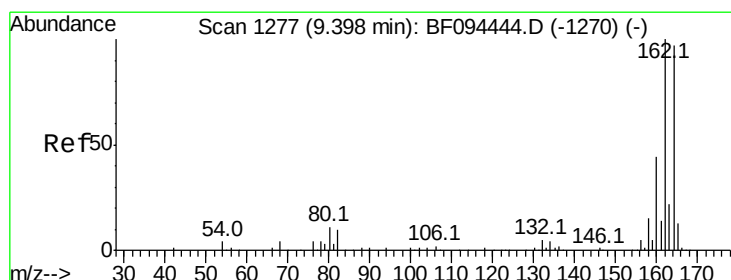
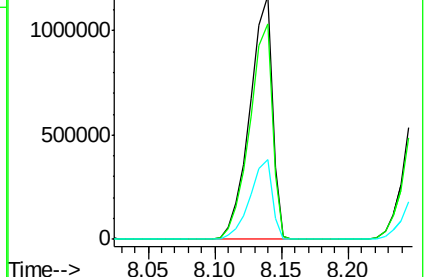
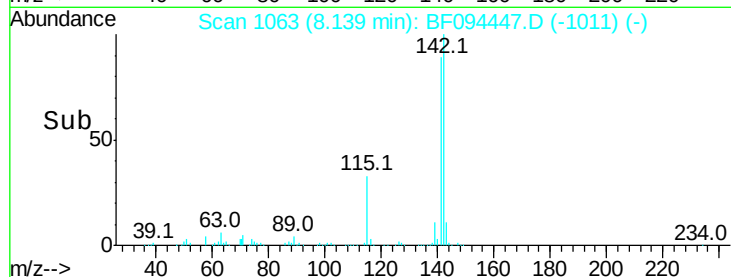
115 32.9 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.40 min Scan# 1278

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

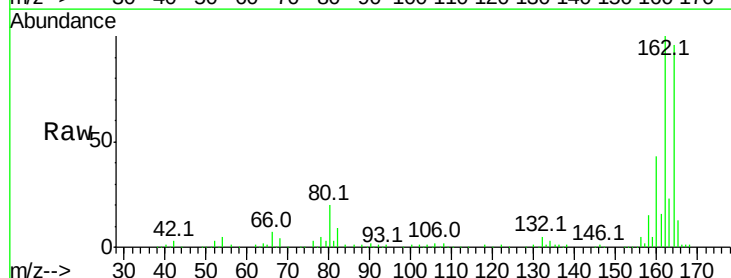
Tgt Ion:164 Resp: 259999

Ion Ratio Lower Upper

164 100

162 104.2 82.6 123.8

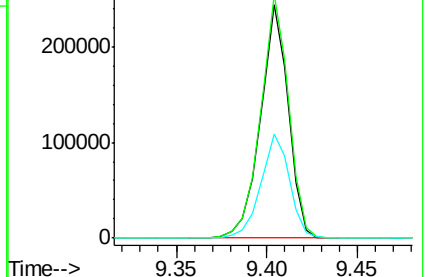
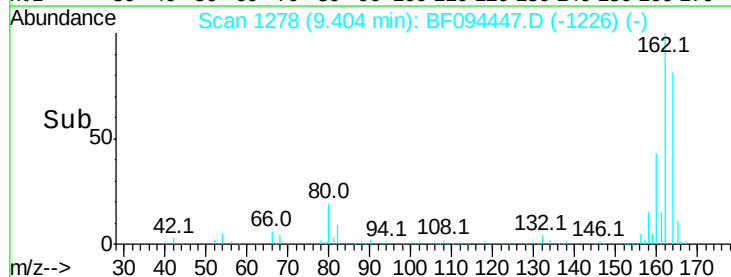
160 44.3 36.2 54.2

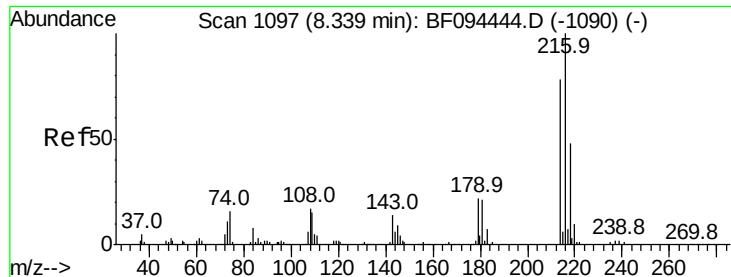


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

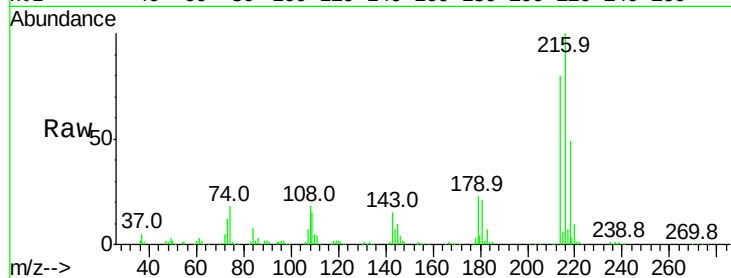




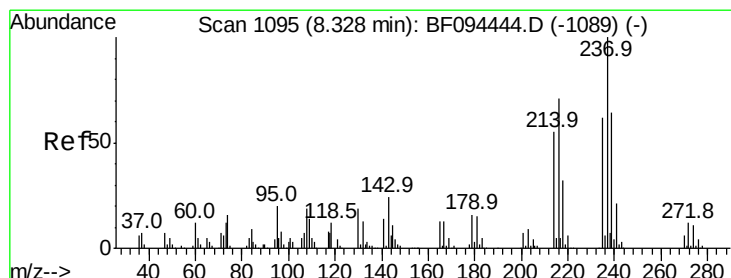
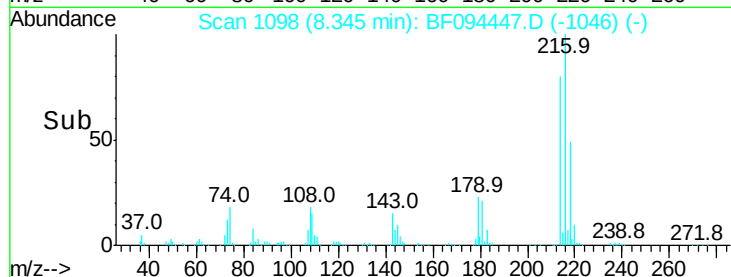
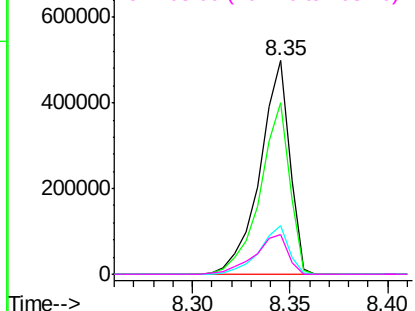
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 73.93 ng
 RT: 8.35 min Scan# 1098
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	525850
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.4	95.2
179	22.3	17.9	26.9
108	20.6	16.5	24.7

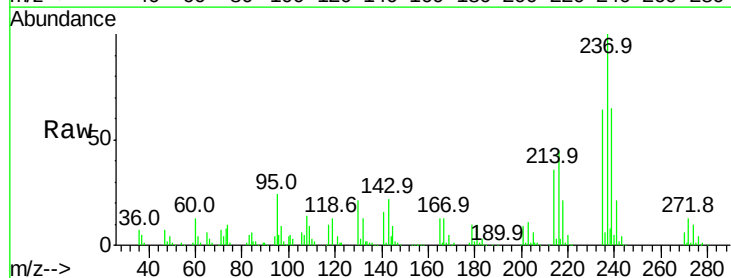


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

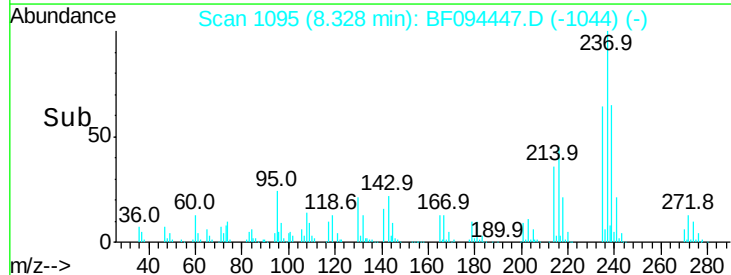
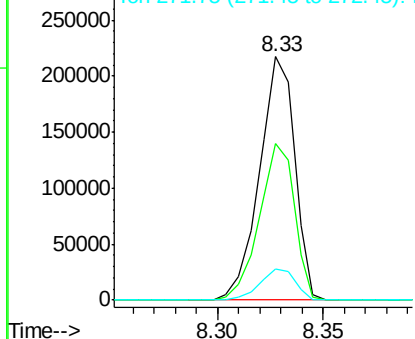


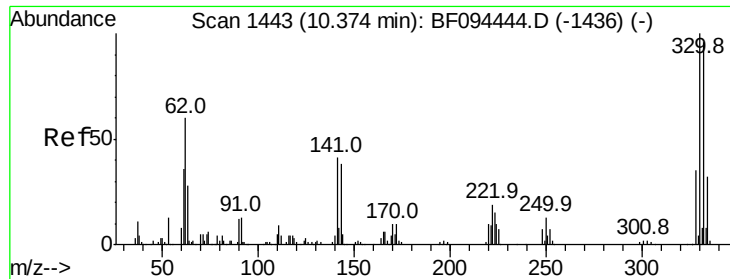
#40
 Hexachlorocyclopentadiene
 Concen: 75.98 ng
 RT: 8.33 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Tgt Ion:	237	Resp:	252889
Ion	Ratio	Lower	Upper
237	100		
235	64.3	42.6	82.6
272	12.6	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

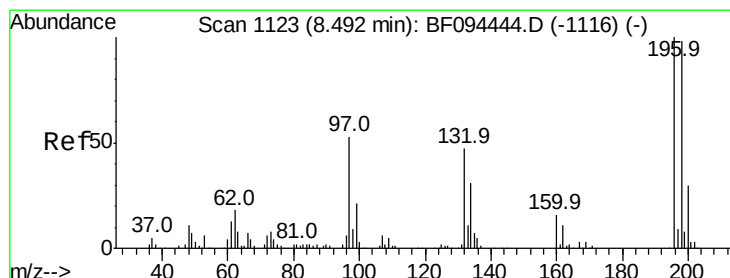
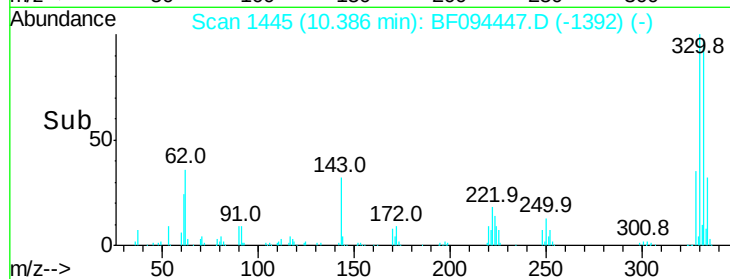
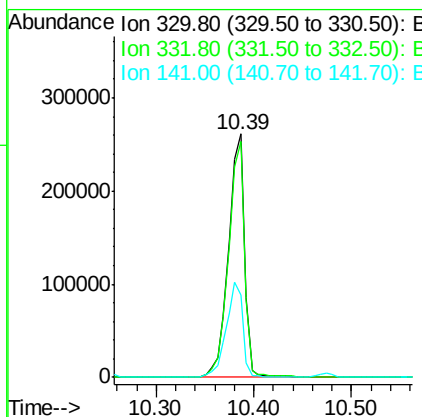
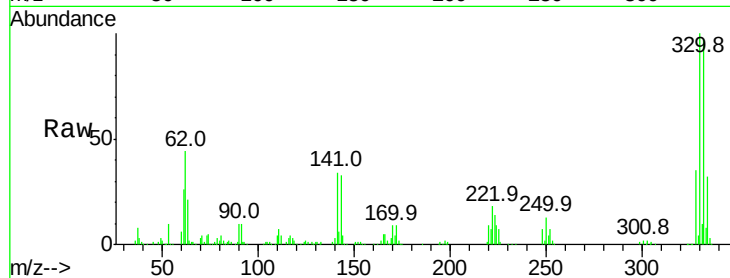




#41
 2,4,6-Tribromophenol
 Concen: 147.38 ng
 RT: 10.39 min Scan# 1445
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

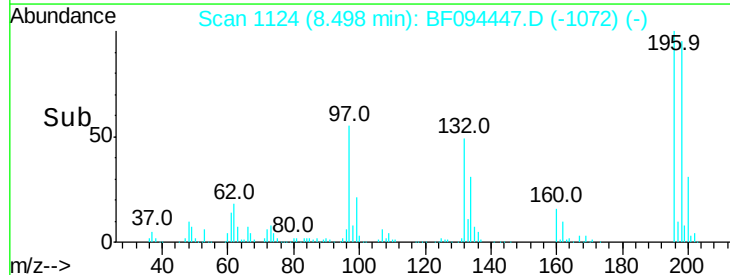
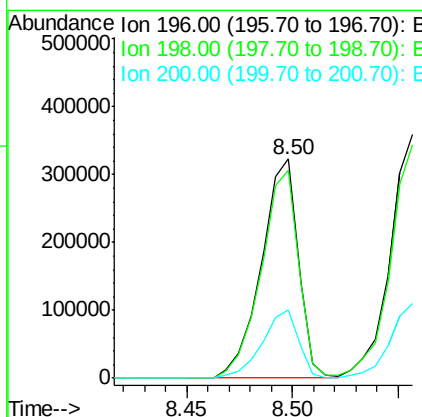
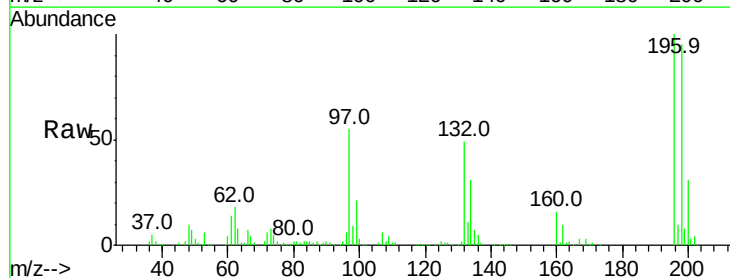
Instrument :
 BNA_F
 ClientSampleId :

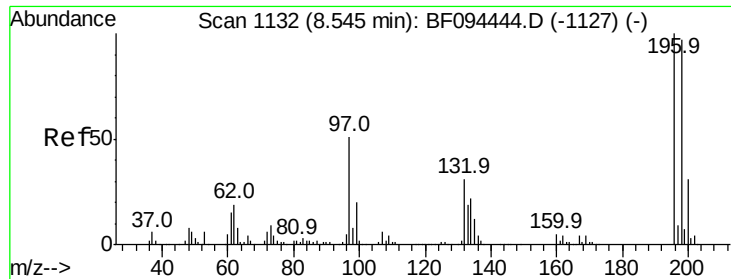
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	40.0	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 78.44 ng
 RT: 8.50 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	74.2	111.4
200	31.0	24.0	36.0

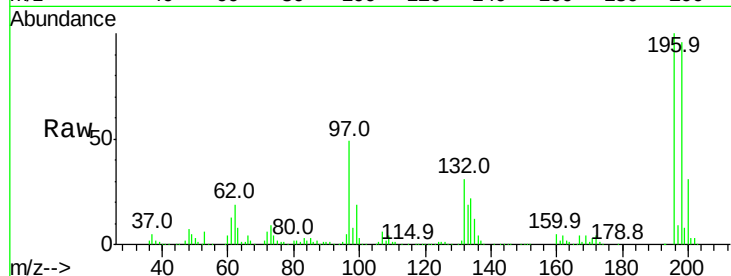




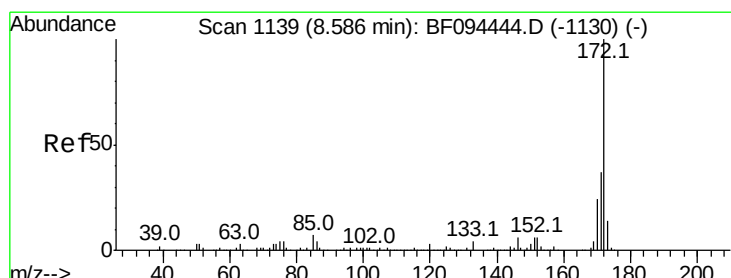
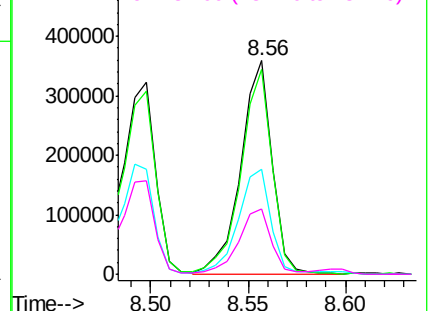
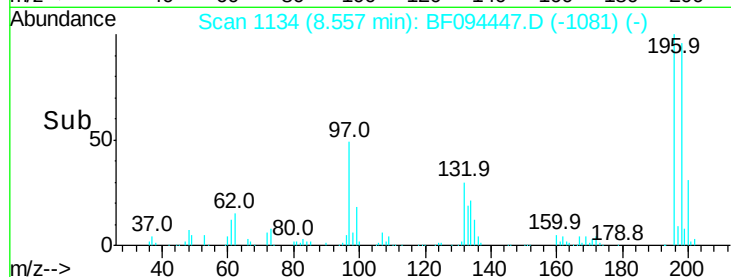
#43
 2,4,5-Trichlorophenol
 Concen: 72.99 ng
 RT: 8.56 min Scan# 1134
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 397416
 Ion Ratio Lower Upper
 196 100
 198 96.1 75.7 113.5
 97 49.2 47.7 71.5
 132 30.6 28.0 42.0

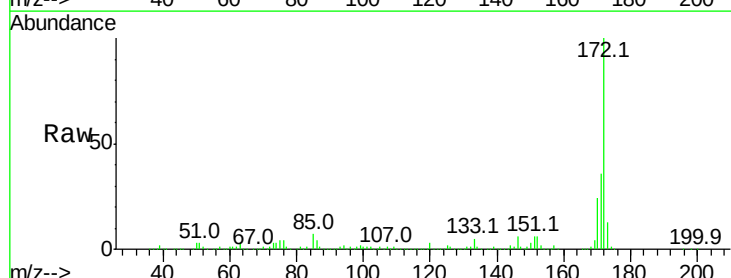


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

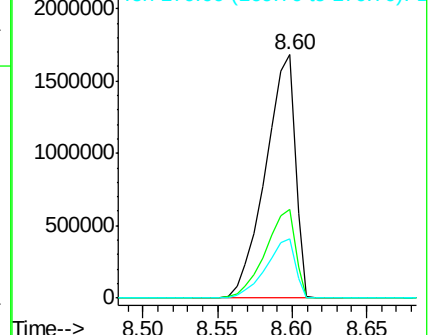
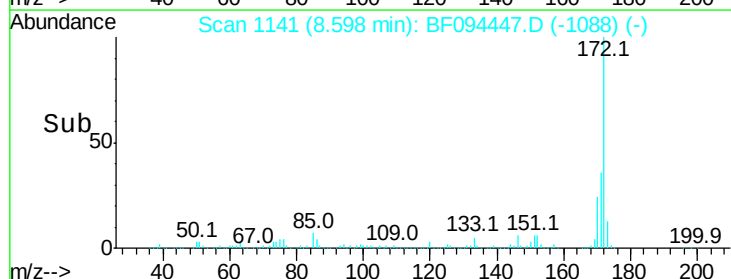


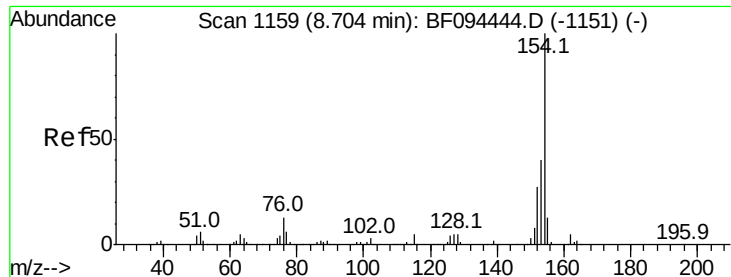
#44
 2-Fluorobiphenyl
 Concen: 136.12 ng
 RT: 8.60 min Scan# 1141
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Tgt Ion:172 Resp: 2320386
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.1 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

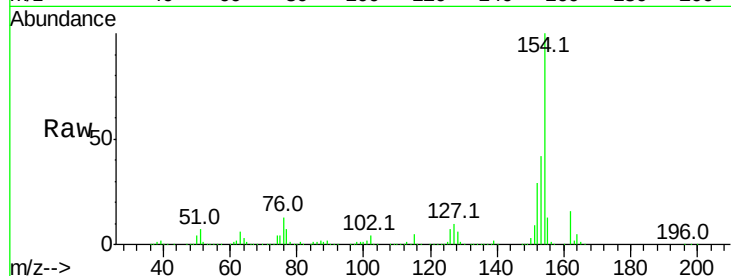




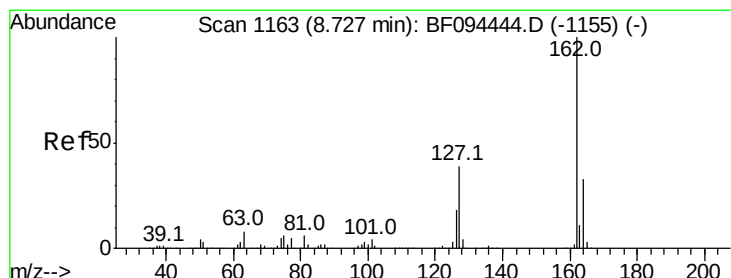
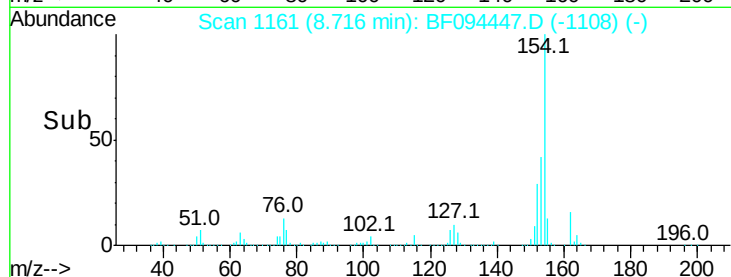
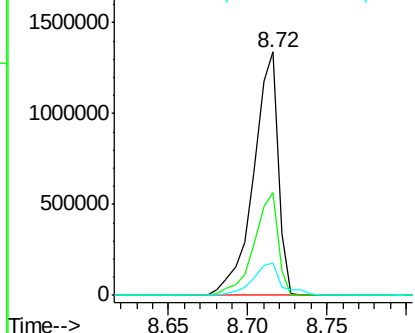
#45
 1,1'-Biphenyl
 Concen: 69.20 ng
 RT: 8.72 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1451178
 Ion Ratio Lower Upper
 154 100
 153 42.0 21.2 61.2
 76 13.2 0.0 29.9

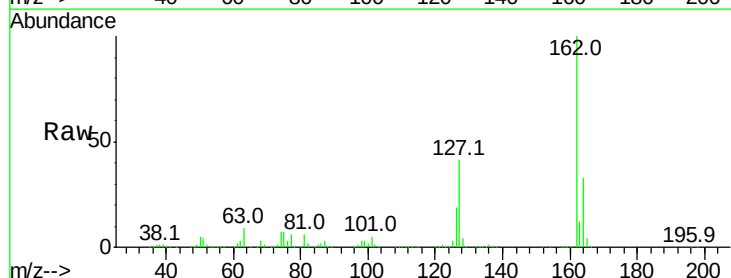


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

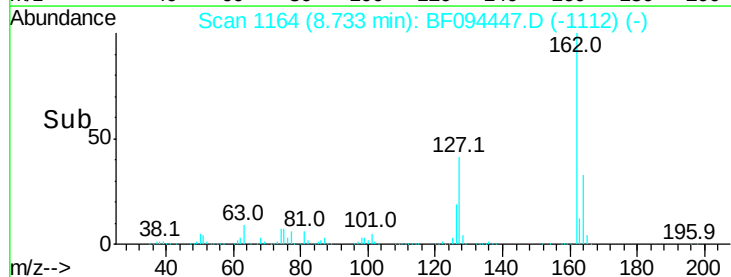
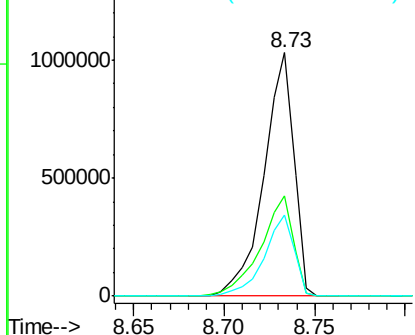


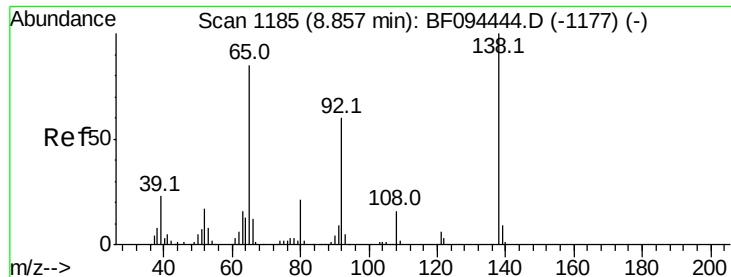
#46
 2-Chloronaphthalene
 Concen: 72.04 ng
 RT: 8.73 min Scan# 1164
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Tgt Ion:162 Resp: 1182675
 Ion Ratio Lower Upper
 162 100
 127 41.0 28.3 42.5
 164 33.1 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: 78.29 ng

RT: 8.87 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

ClientSampled :

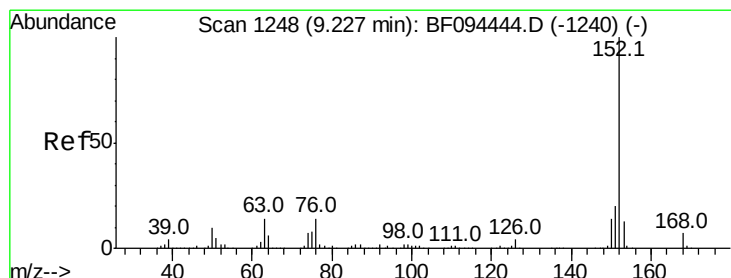
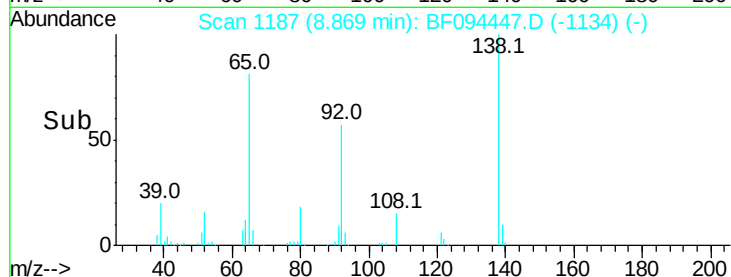
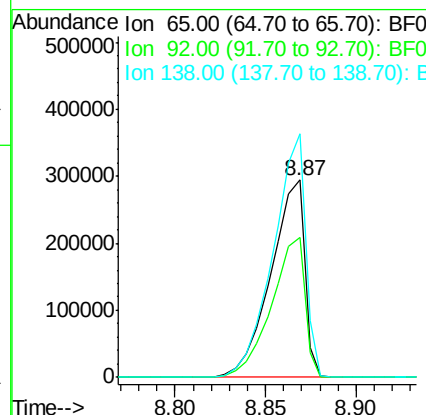
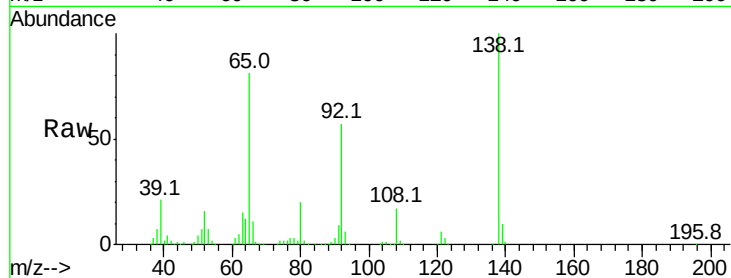
Tot Ion: 65 Resp: 381240

Ion Ratio Lower Upper

65 100

92 70.8 53.9 80.9

138 123.5 78.8 118.2#



#48

Acenaphthylene

Concen: 68.09 ng

RT: 9.24 min Scan# 1250

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

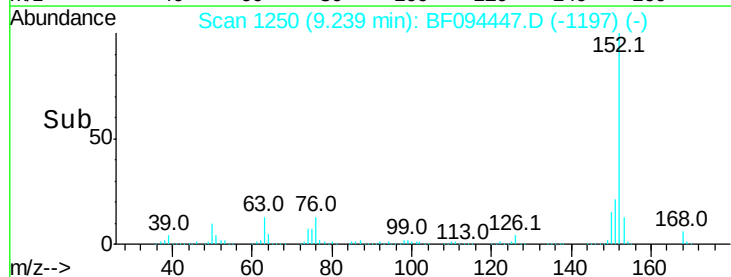
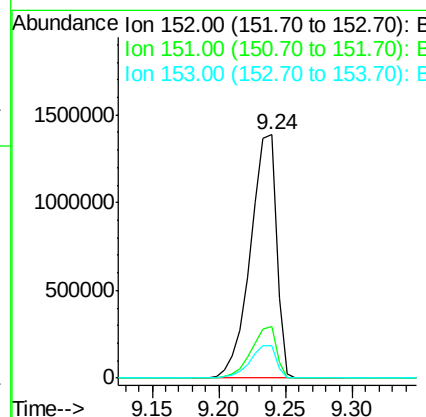
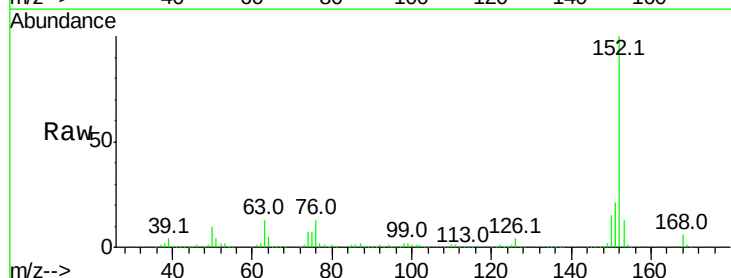
Tgt Ion: 152 Resp: 1857795

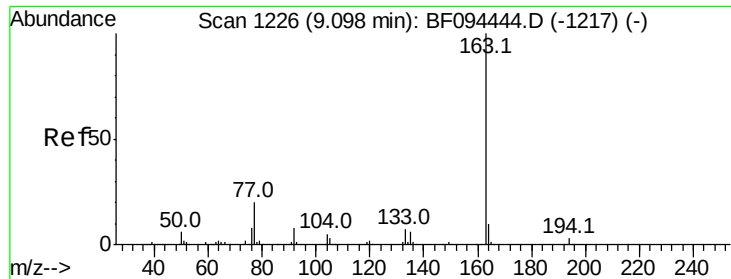
Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

153 13.5 10.8 16.2

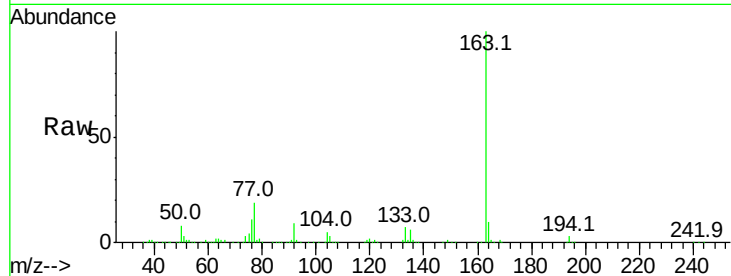




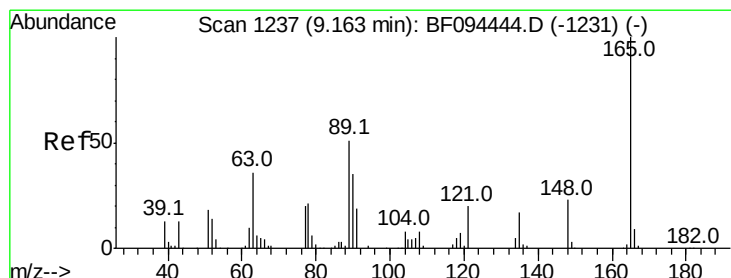
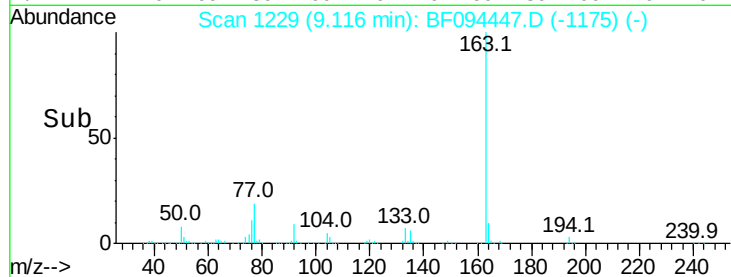
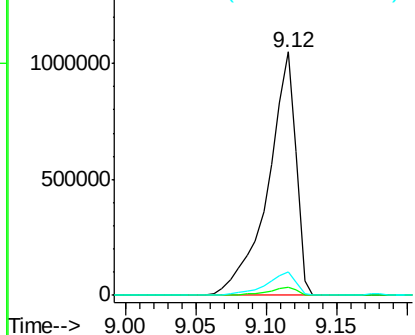
#49
Dimethylphthalate
Concen: 78.68 ng
RT: 9.12 min Scan# 1229
Delta R.T. 0.02 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1454106
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.9 8.4 12.6

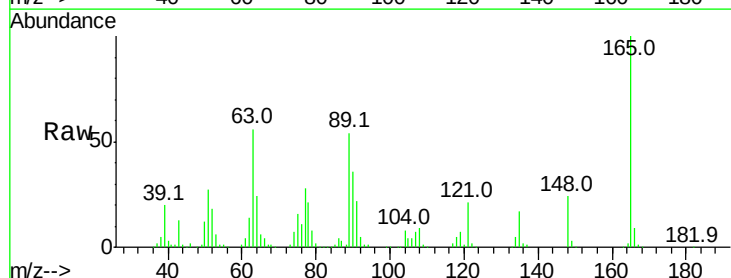


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

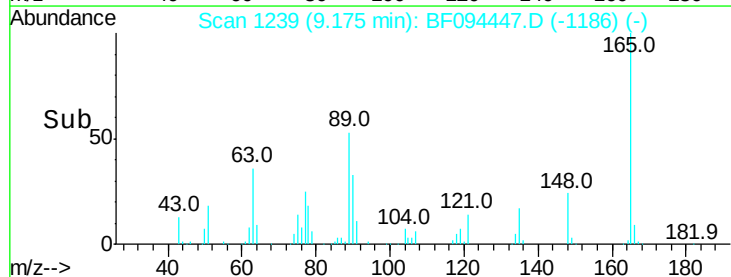
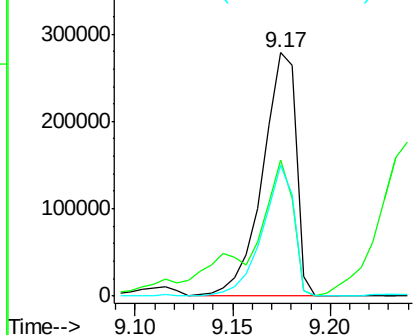


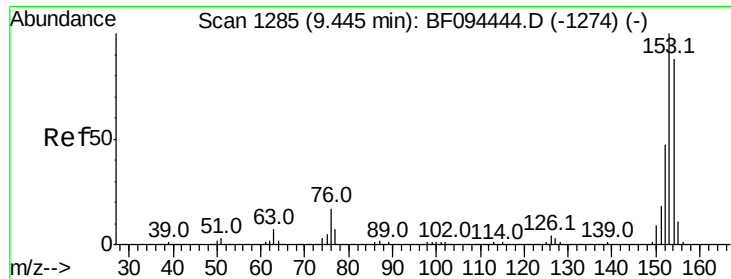
#50
2,6-Dinitrotoluene
Concen: 78.89 ng
RT: 9.17 min Scan# 1239
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Tgt Ion:165 Resp: 334234
Ion Ratio Lower Upper
165 100
63 55.6 34.3 51.5#
89 53.7 37.1 55.7



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





#51

Acenaphthene

Concen: 70.38 ng

RT: 9.45 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

ClientSampled :

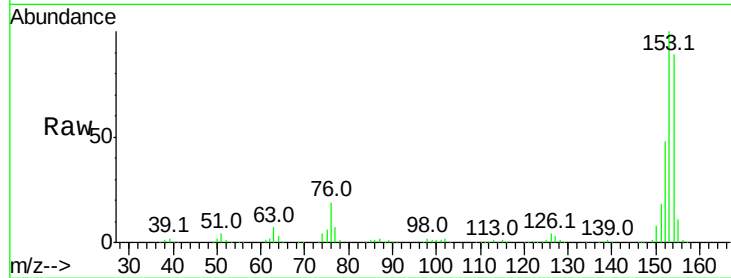
Tot Ion:154 Resp: 1120365

Ion Ratio Lower Upper

154 100

153 112.3 90.5 135.7

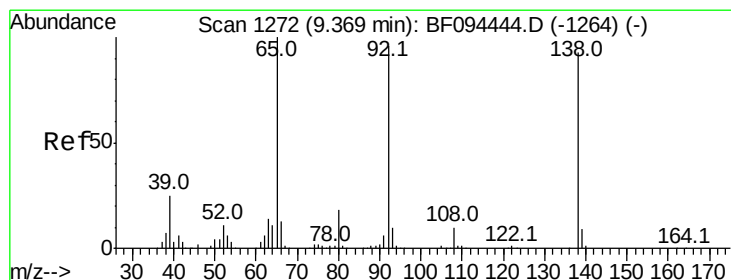
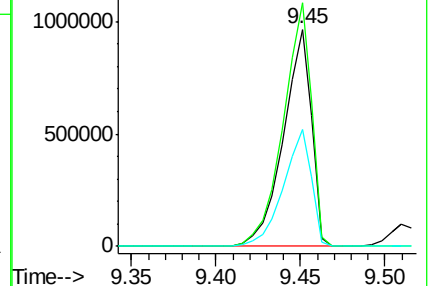
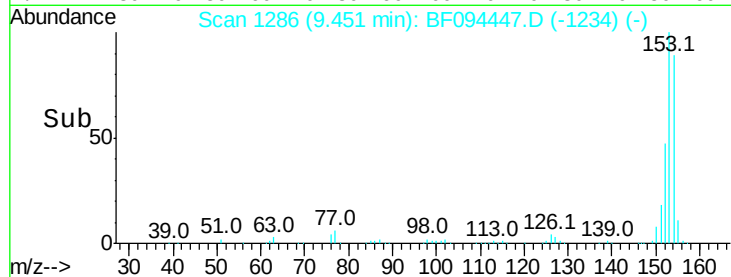
152 53.9 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 76.81 ng

RT: 9.38 min Scan# 1274

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

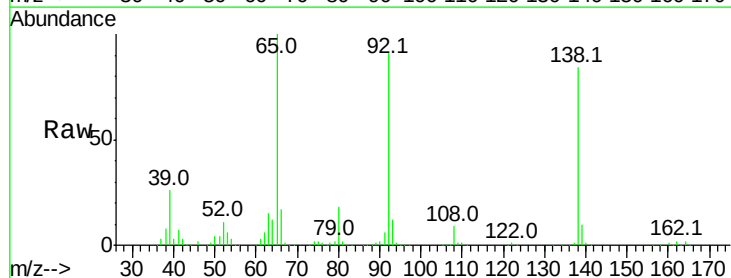
Tgt Ion:138 Resp: 382147

Ion Ratio Lower Upper

138 100

108 10.4 9.1 13.7

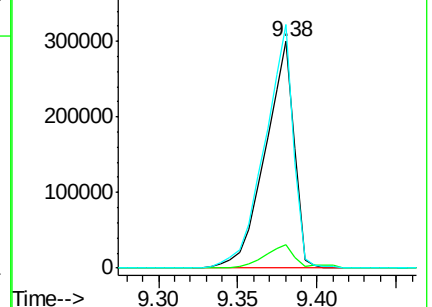
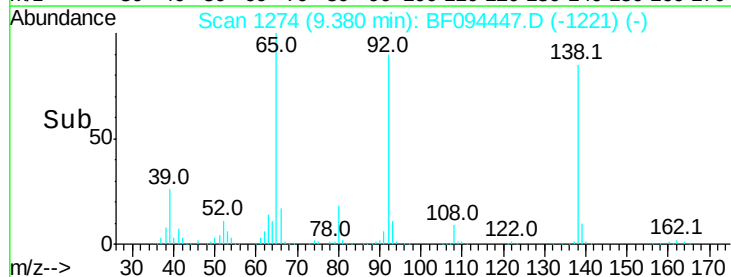
92 107.4 93.8 140.6

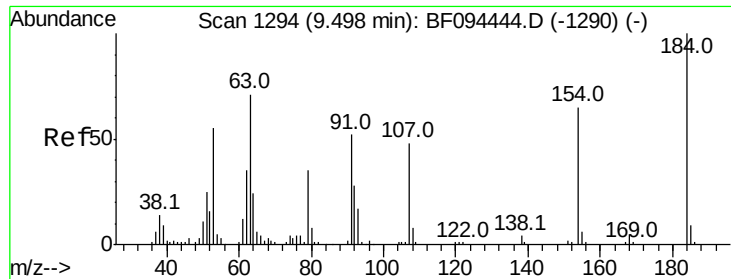


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

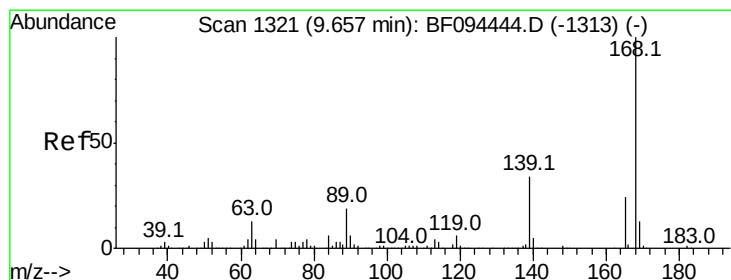
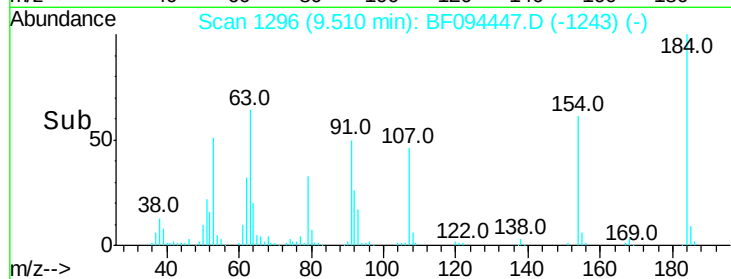
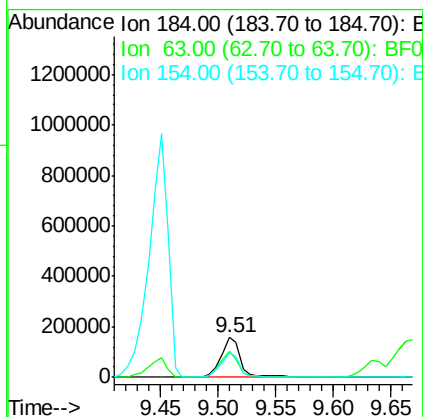
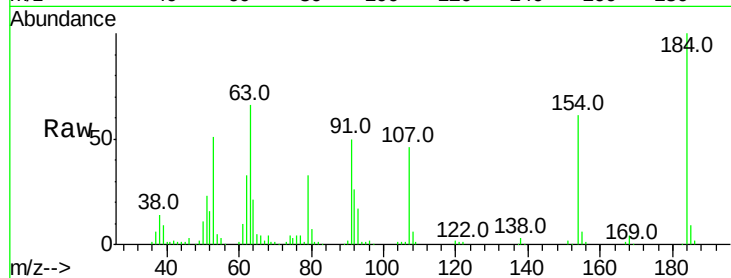




#53
 2,4-Dinitrophenol
 Concen: 94.87 ng
 RT: 9.51 min Scan# 1296
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

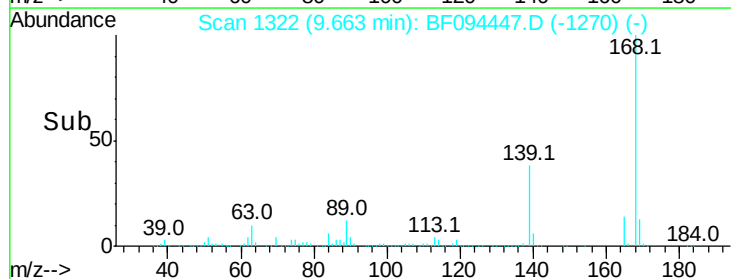
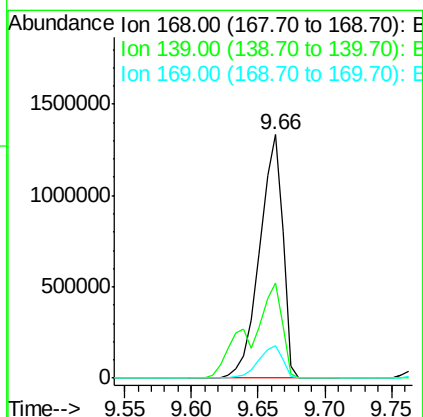
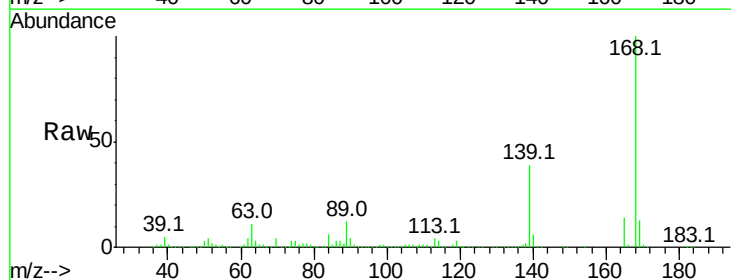
Instrument :
 BNA_F
 ClientSampled :

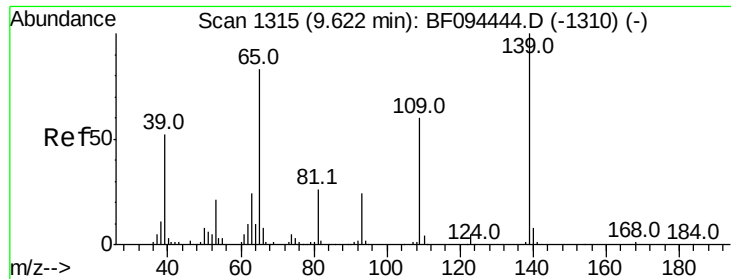
Tot Ion:184 Resp: 191553
 Ion Ratio Lower Upper
 184 100
 63 65.7 62.7 94.1
 154 61.3 81.1 121.7#



#54
 Dibenzofuran
 Concen: 73.42 ng
 RT: 9.66 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Tgt Ion:168 Resp: 1591142
 Ion Ratio Lower Upper
 168 100
 139 38.9 30.6 45.8
 169 13.5 10.8 16.2





#55

4-Nitrophenol

Concen: 226.50 ng

RT: 9.66 min Scan# 1322

Delta R.T. 0.04 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

ClientSampleId :

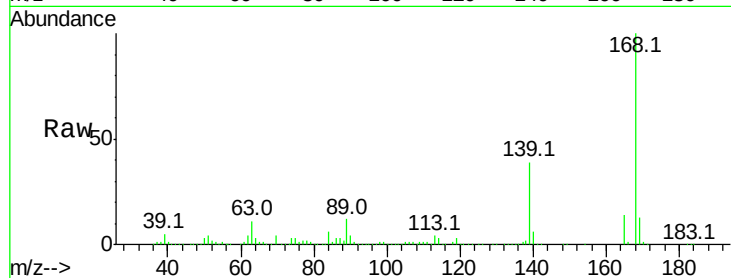
Tot Ion:139 Resp: 882455

Ion Ratio Lower Upper

139 100

109 1.4 34.1 74.1#

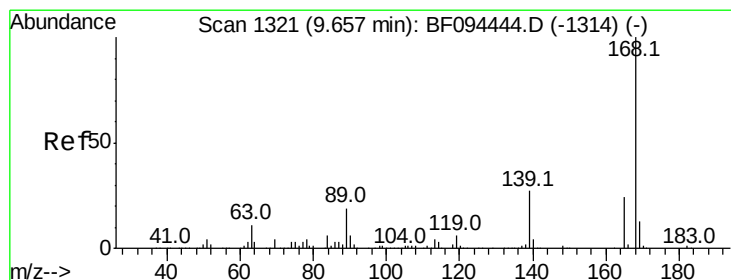
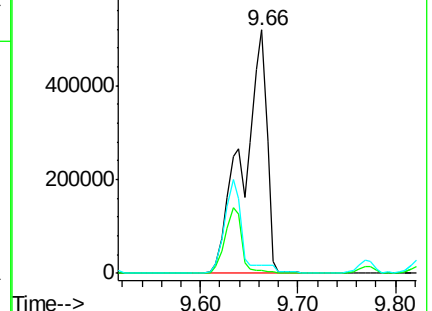
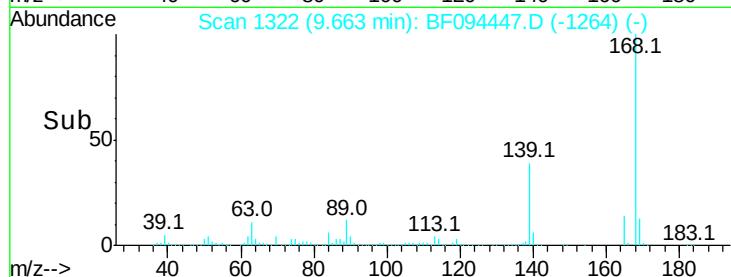
65 3.4 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 74.91 ng

RT: 9.67 min Scan# 1324

Delta R.T. 0.02 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Tgt Ion:165 Resp: 398667

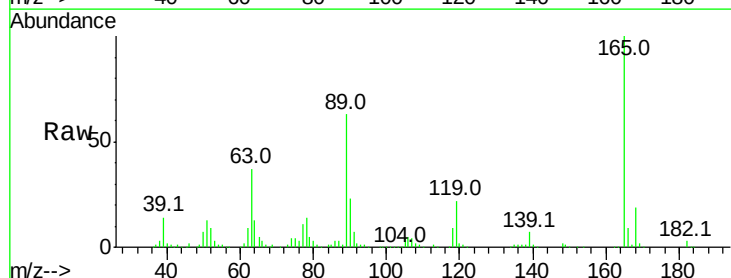
Ion Ratio Lower Upper

165 100

63 36.8 25.4 38.0

89 62.7 46.4 69.6

182 2.6 1.8 2.6

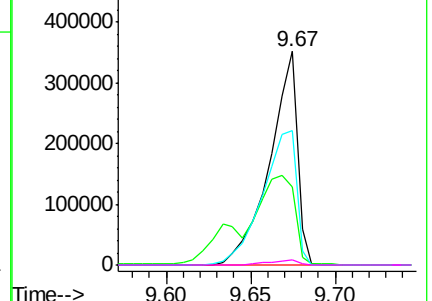
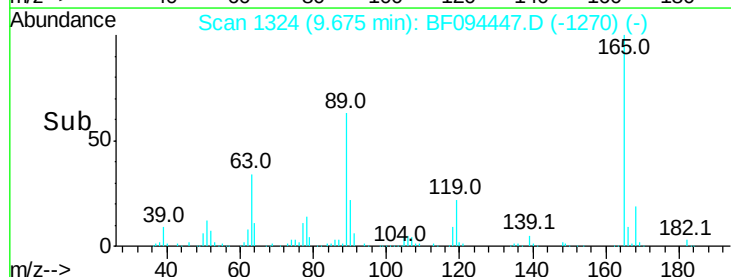


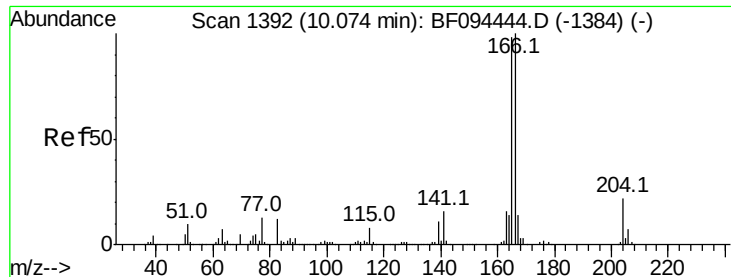
Abundance Ion 165.00 (164.70 to 165.70): E

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

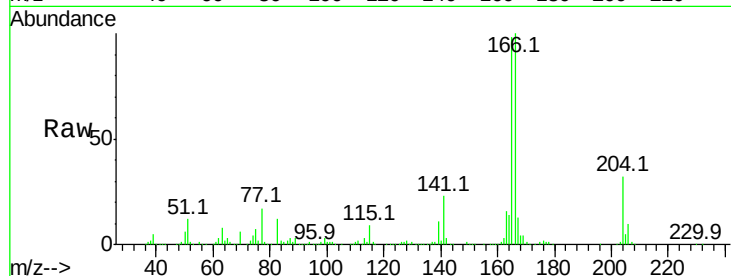




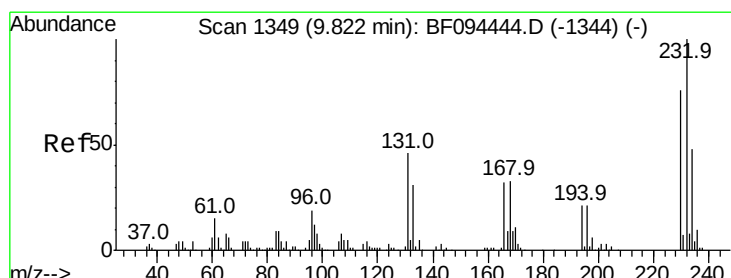
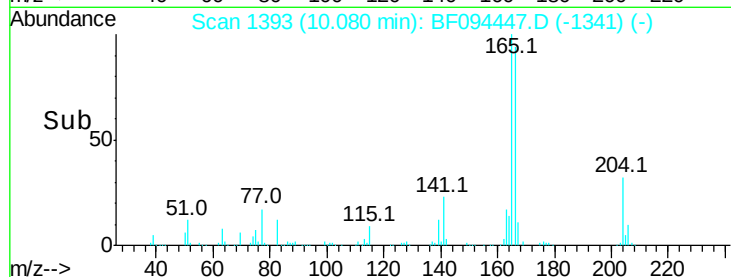
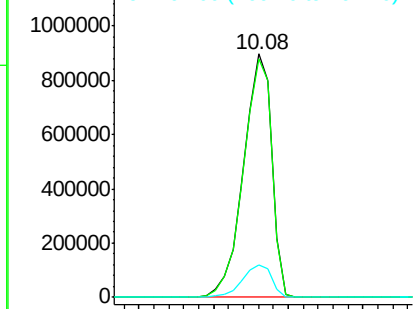
#57
 Fluorene
 Concen: 65.10 ng
 RT: 10.08 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 1170018
 Ion Ratio Lower Upper
 166 100
 165 98.2 78.8 118.2
 167 13.5 10.6 16.0

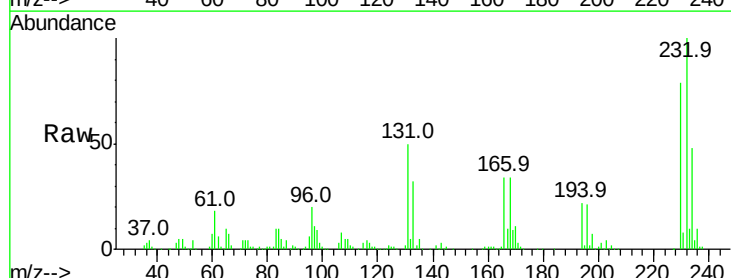


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

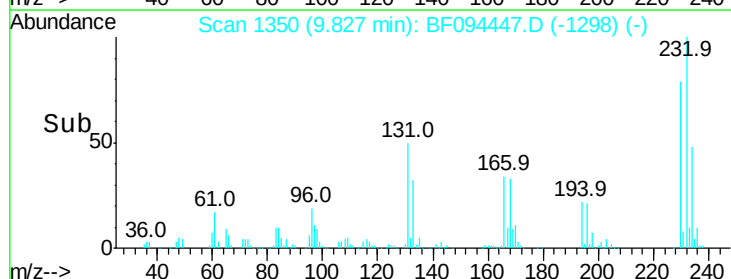
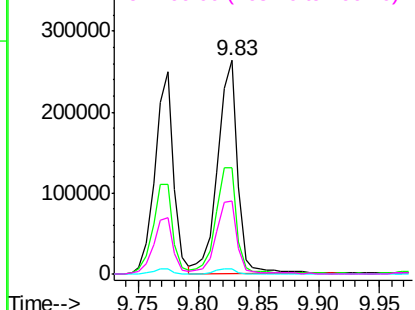


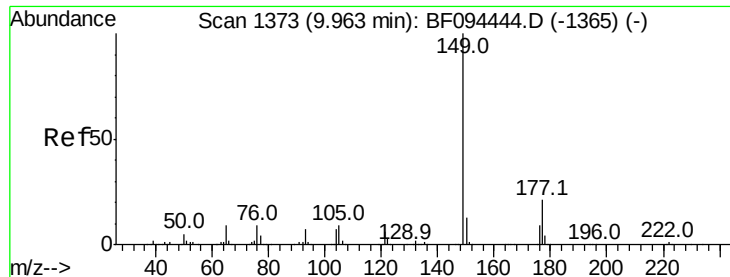
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 79.55 ng
 RT: 9.83 min Scan# 1350
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Tgt Ion:232 Resp: 297191
 Ion Ratio Lower Upper
 232 100
 131 52.9 44.8 67.2
 130 2.6 2.3 3.5
 166 36.6 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: 73.76 ng

RT: 9.97 min Scan# 1375

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

ClientSampled :

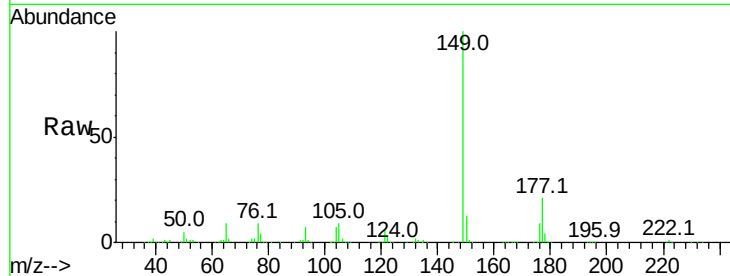
Tot Ion:149 Resp: 1347400

Ion Ratio Lower Upper

149 100

177 21.0 16.7 25.1

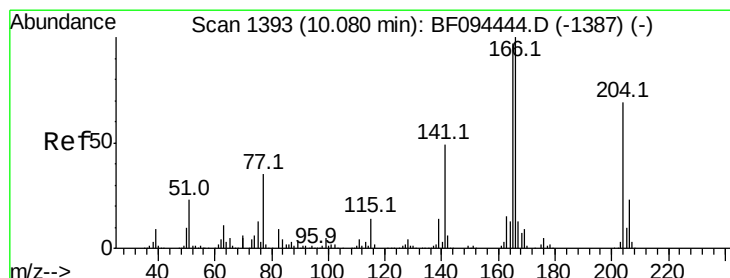
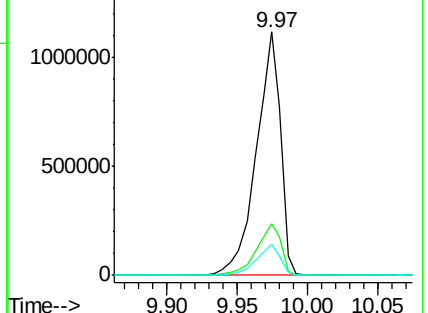
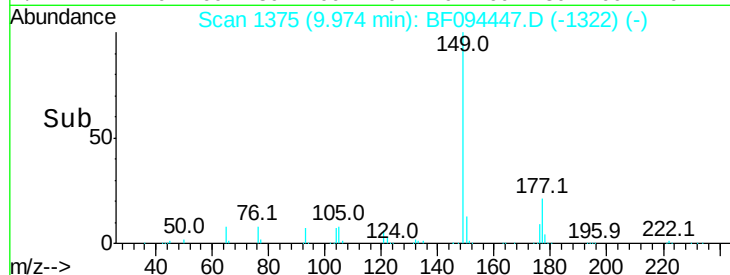
150 12.6 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 64.31 ng

RT: 10.09 min Scan# 1394

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

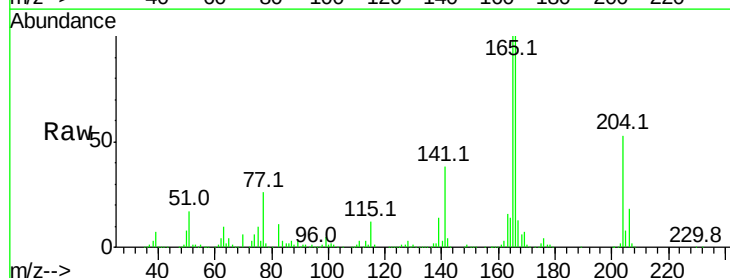
Tgt Ion:204 Resp: 492346

Ion Ratio Lower Upper

204 100

206 33.2 26.2 39.2

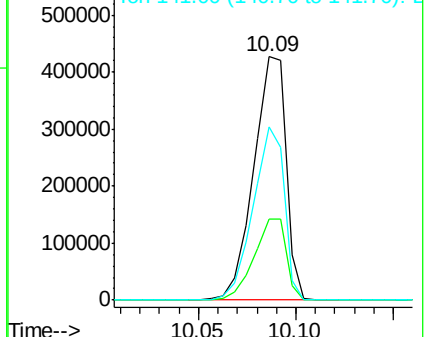
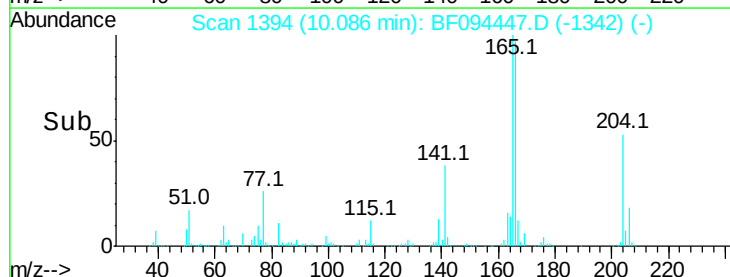
141 71.4 60.8 91.2

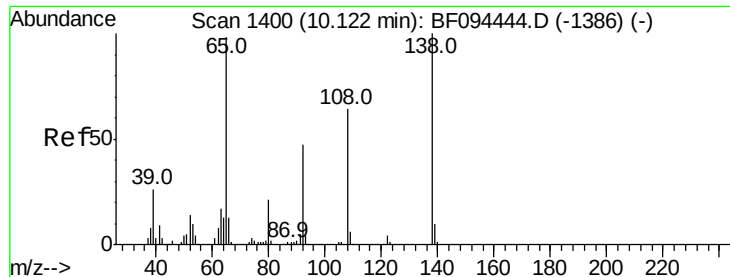


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

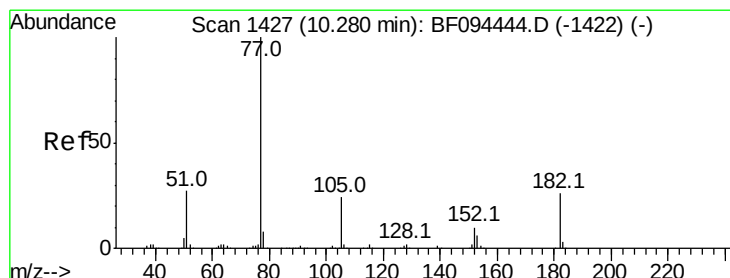
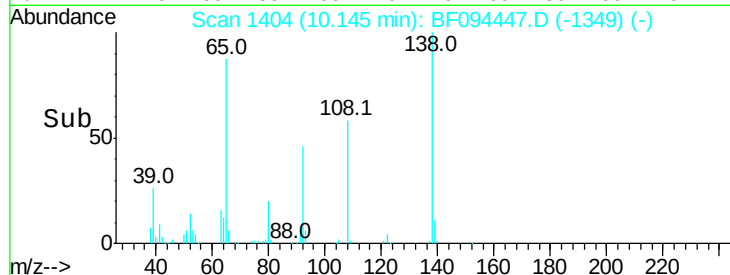
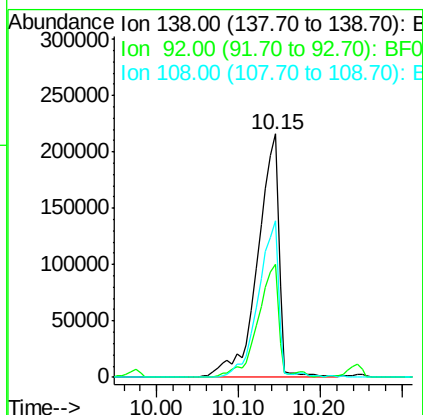
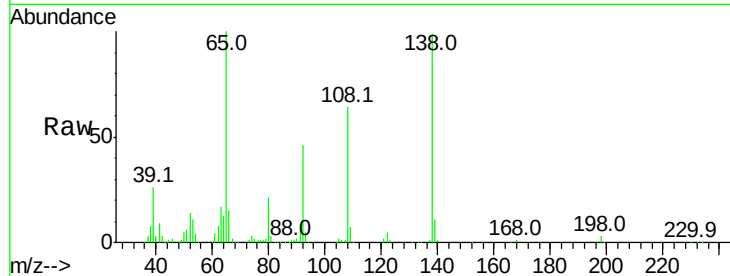




#61
4-Nitroaniline
Concen: 81.95 ng
RT: 10.15 min Scan# 1404
Delta R.T. 0.02 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

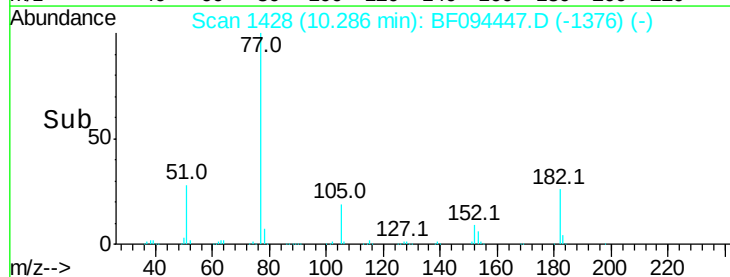
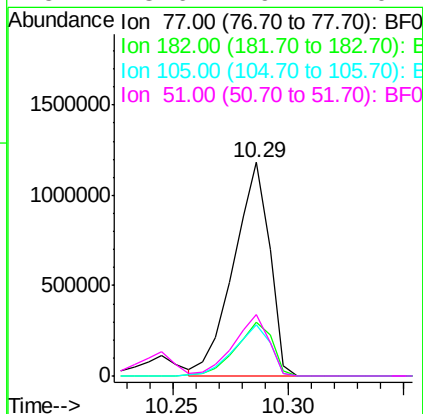
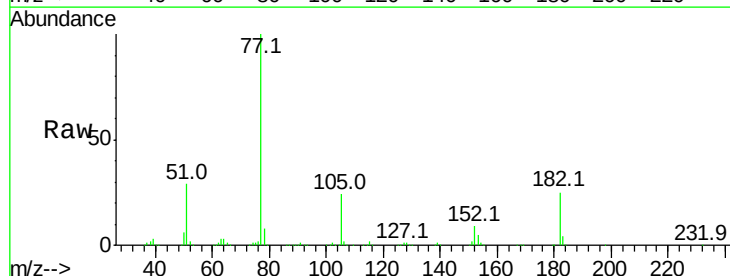
Instrument :
BNA_F
ClientSampleId :

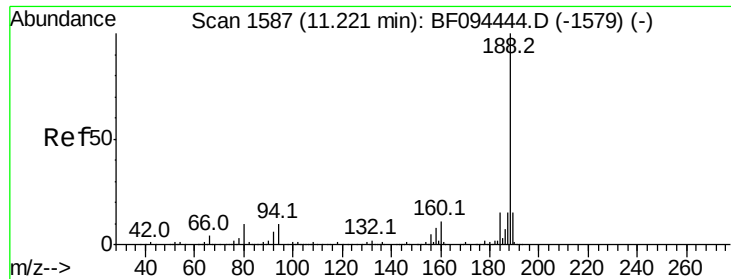
Tot Ion:138 Resp: 391213
Ion Ratio Lower Upper
138 100
92 46.4 21.8 61.8
108 64.2 42.3 82.3



#62
Azobenzene
Concen: 74.25 ng
RT: 10.29 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Tgt Ion: 77 Resp: 1283014
Ion Ratio Lower Upper
77 100
182 25.1 0.1 40.1
105 24.0 3.6 43.6
51 28.6 9.4 49.4

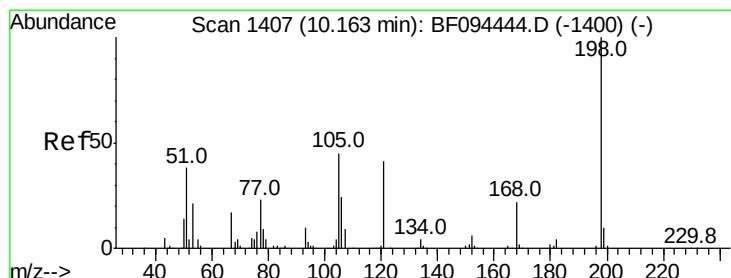
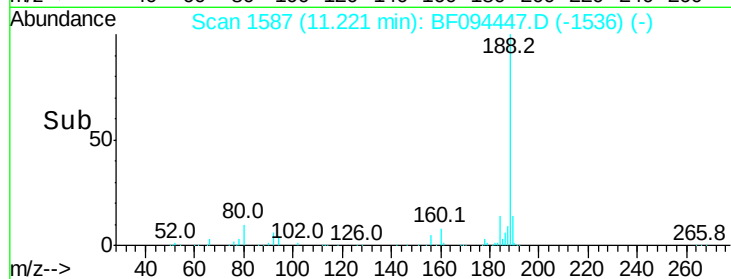
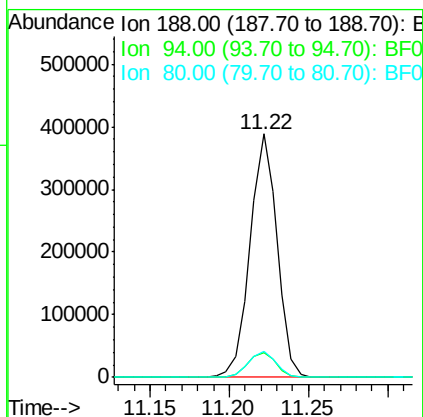
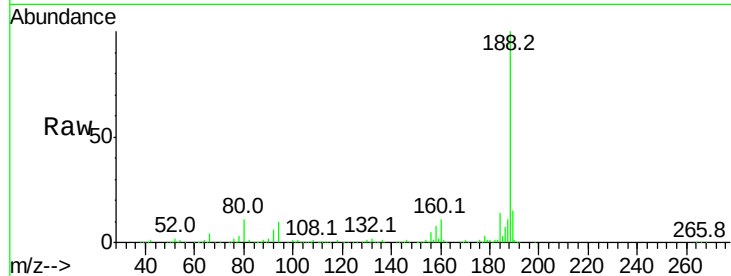




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

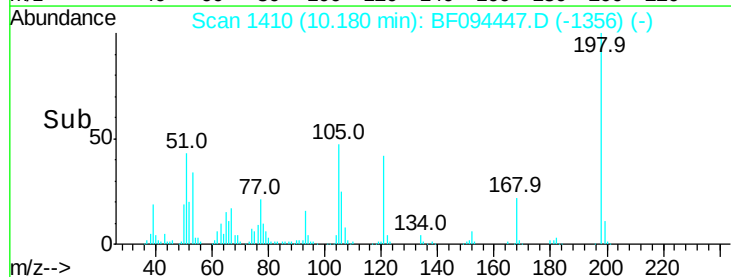
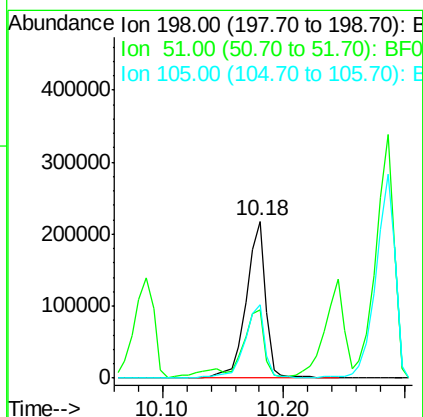
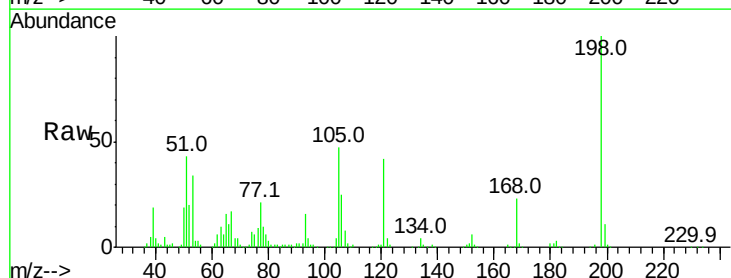
Instrument :
 BNA_F
 ClientSampleId :

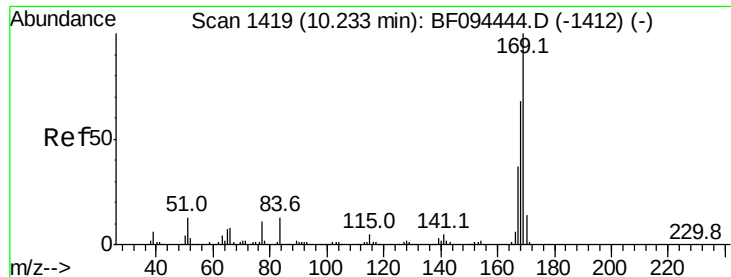
Tot Ion:188 Resp: 459026
 Ion Ratio Lower Upper
 188 100
 94 10.2 9.4 14.2
 80 10.8 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 87.46 ng
 RT: 10.18 min Scan# 1410
 Delta R.T. 0.02 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Tgt Ion:198 Resp: 245861
 Ion Ratio Lower Upper
 198 100
 51 43.5 53.2 93.2#
 105 46.5 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 71.93 ng

RT: 10.25 min Scan# 1421

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

ClientSampleId :

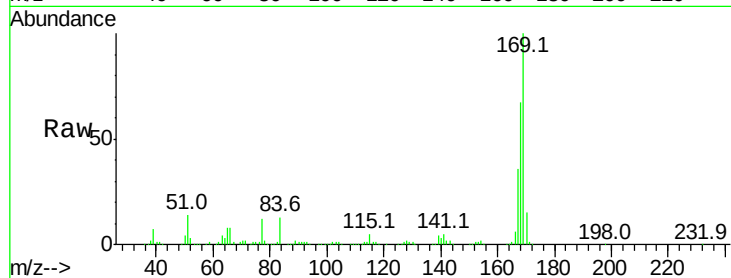
Tot Ion:169 Resp: 1141859

Ion Ratio Lower Upper

169 100

168 67.4 53.2 79.8

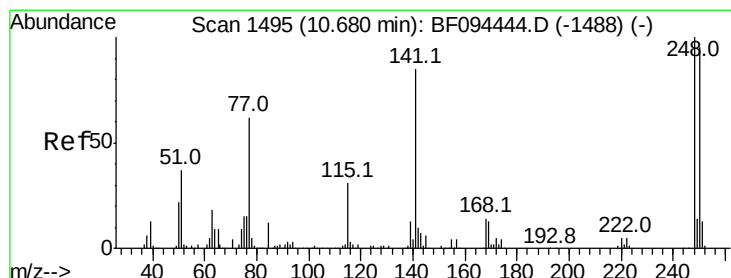
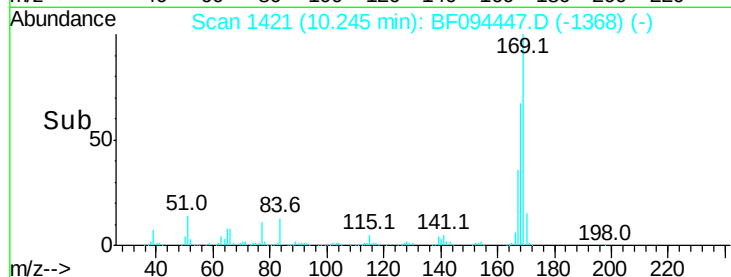
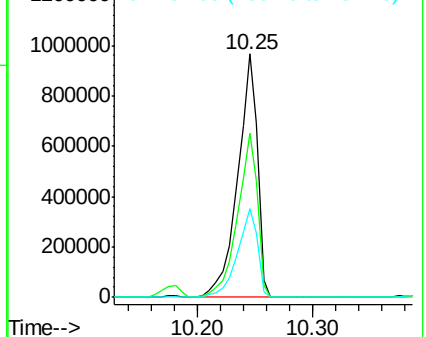
167 36.5 29.5 44.3



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: 74.02 ng

RT: 10.69 min Scan# 1496

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

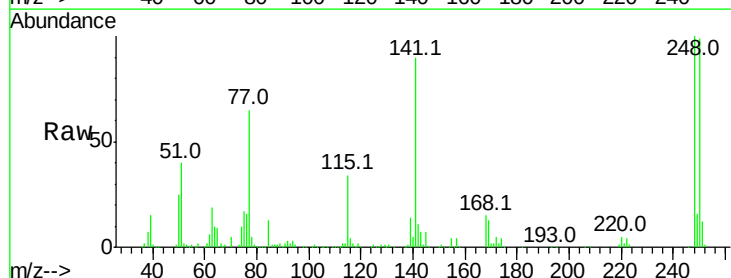
Tgt Ion:248 Resp: 334177

Ion Ratio Lower Upper

248 100

250 98.9 76.8 115.2

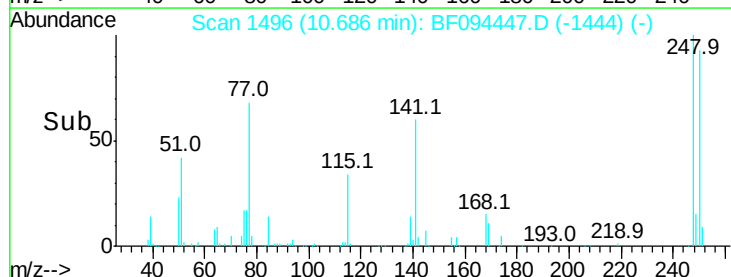
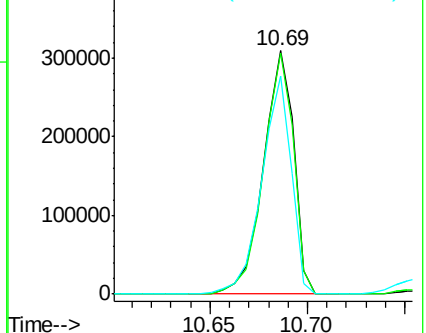
141 89.6 68.6 103.0

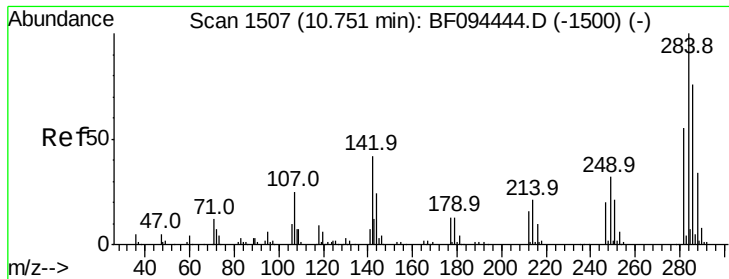


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 74.70 ng

RT: 10.76 min Scan# 1508

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

ClientSampled :

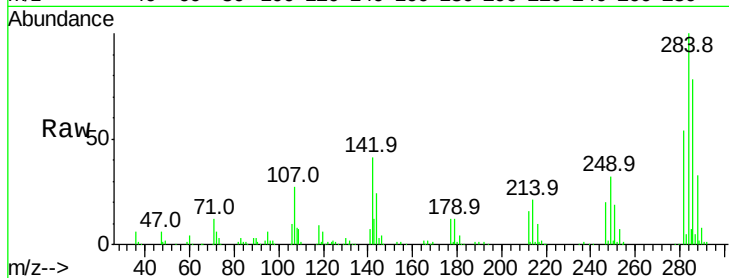
Tot Ion:284 Resp: 341406

Ion Ratio Lower Upper

284 100

142 40.7 22.8 34.2#

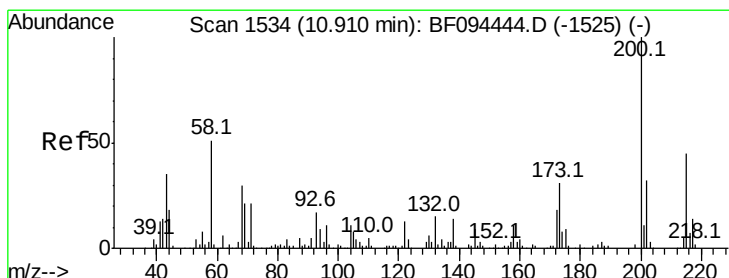
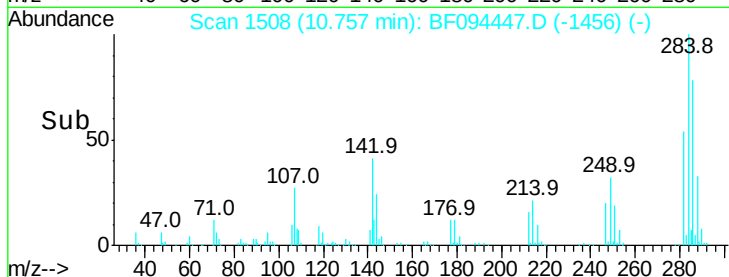
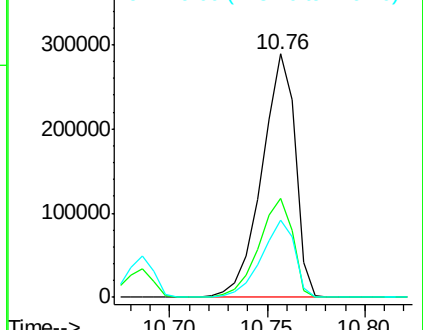
249 31.8 24.0 36.0



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: 74.07 ng

RT: 10.92 min Scan# 1536

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

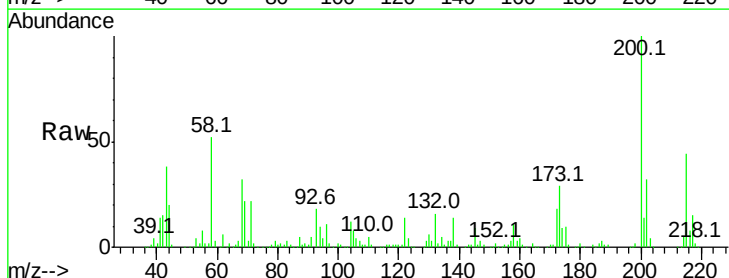
Tgt Ion:200 Resp: 352181

Ion Ratio Lower Upper

200 100

173 29.5 6.3 46.3

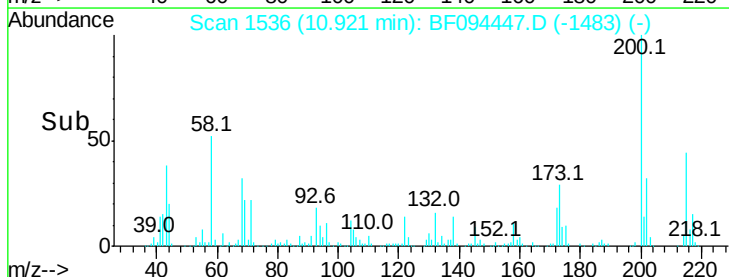
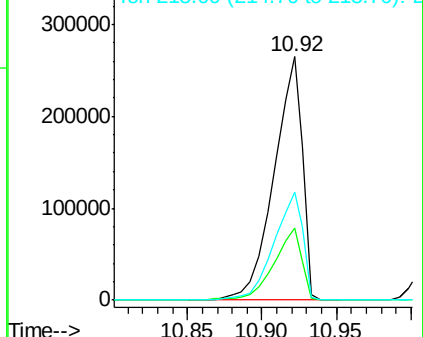
215 44.1 27.2 67.2

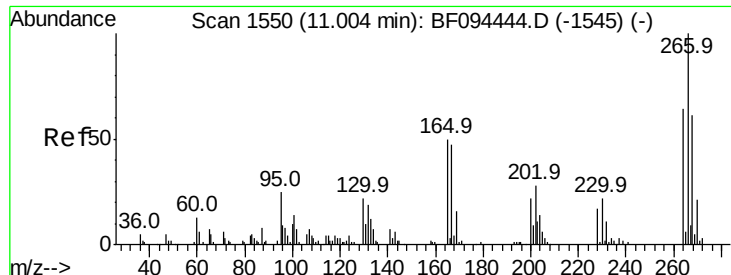


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

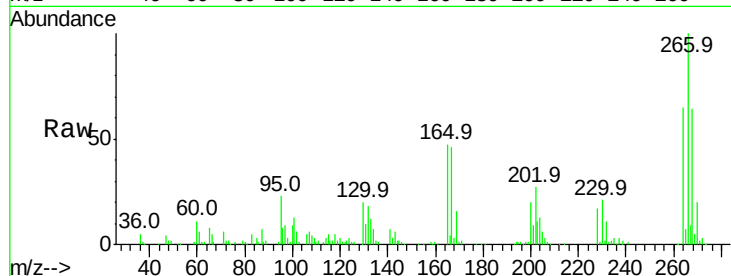




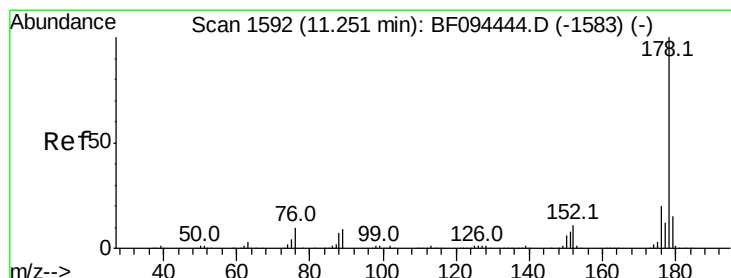
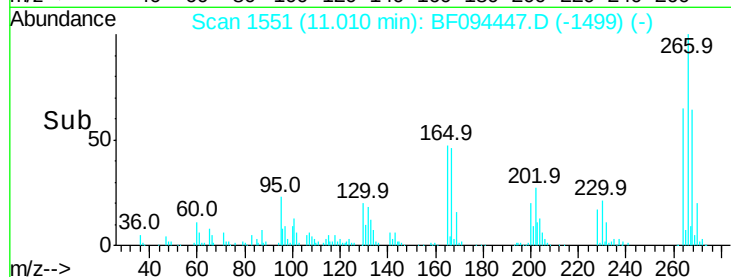
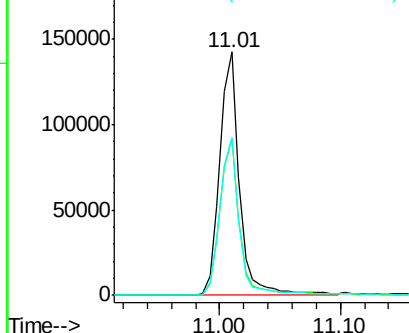
#69
 Pentachlorophenol
 Concen: 56.89 ng
 RT: 11.01 min Scan# 1551
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 161832
 Ion Ratio Lower Upper
 266 100
 268 64.4 51.1 76.7
 264 64.6 51.7 77.5

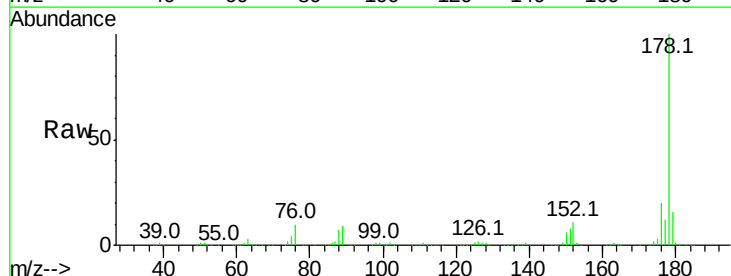


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

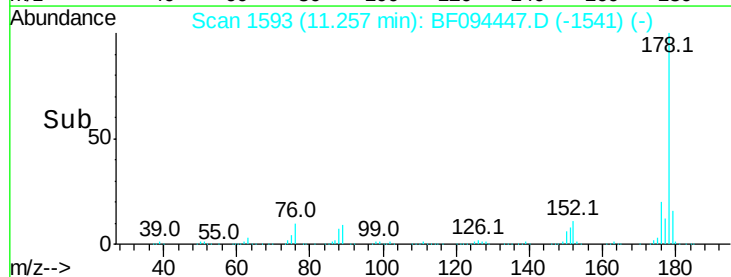
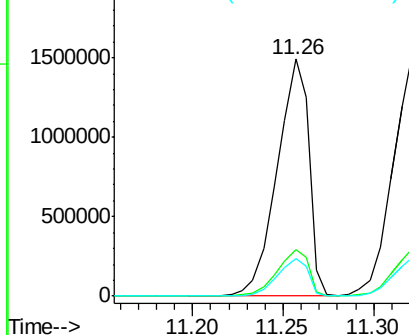


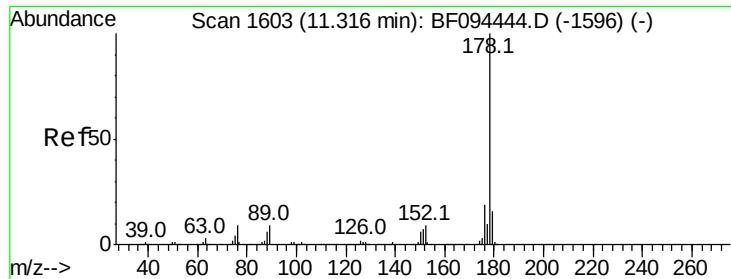
#70
 Phenanthrene
 Concen: 71.28 ng
 RT: 11.26 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Tgt Ion:178 Resp: 1820165
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.2 24.4
 179 15.8 12.6 19.0



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

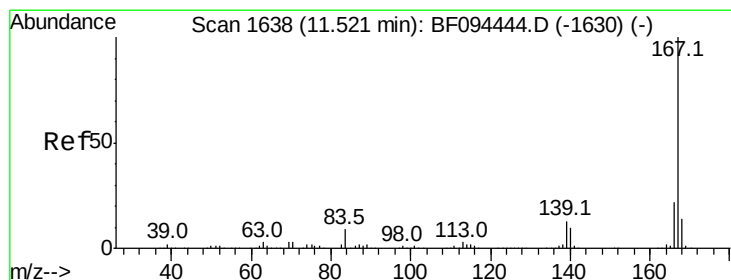
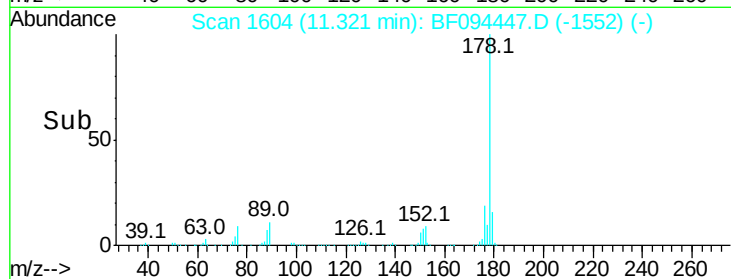
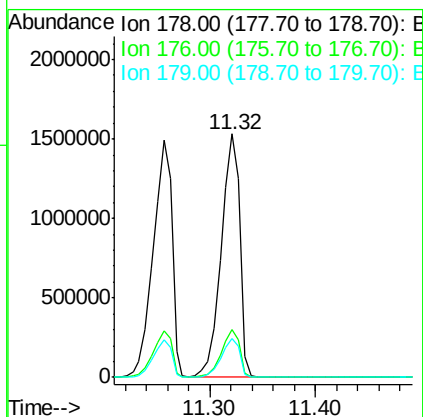
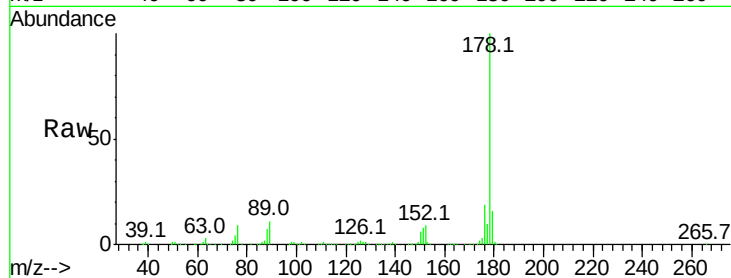




#71
 Anthracene
 Concen: 71.48 ng
 RT: 11.32 min Scan# 1604
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

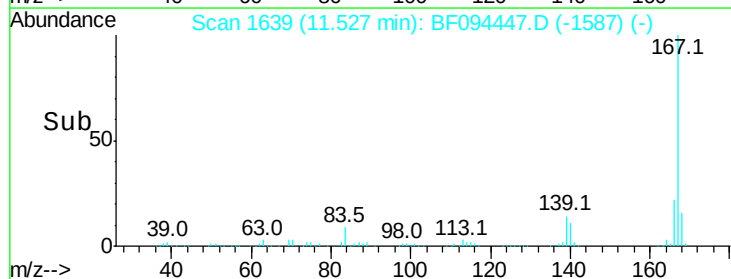
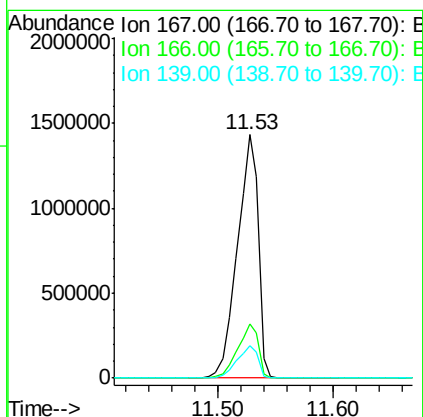
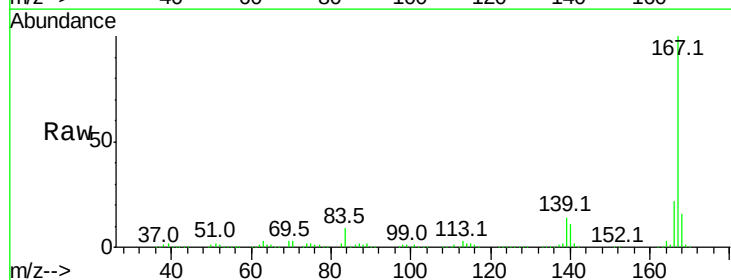
Instrument :
 BNA_F
 ClientSampleId :

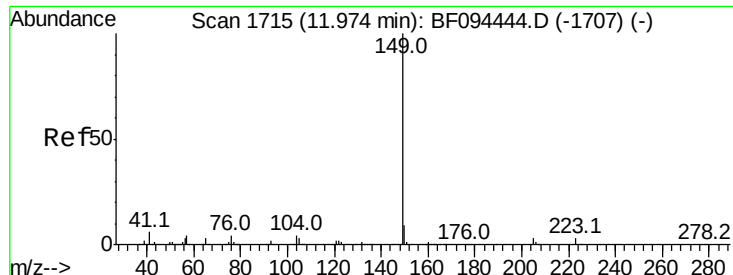
Tot Ion:178 Resp: 1879246
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 66.32 ng
 RT: 11.53 min Scan# 1639
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Tgt Ion:167 Resp: 1787893
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.5 11.7 17.5

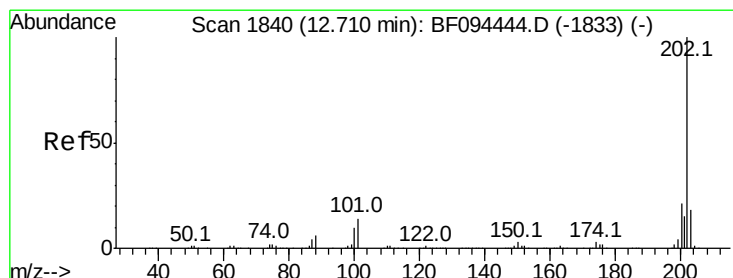
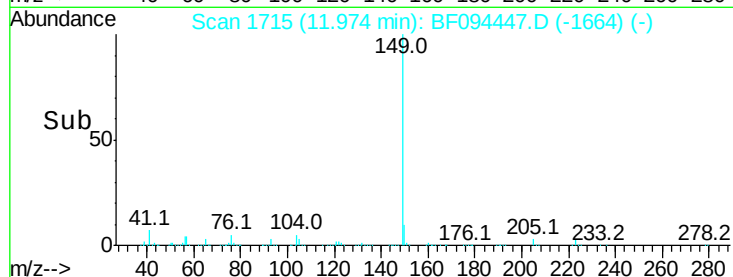
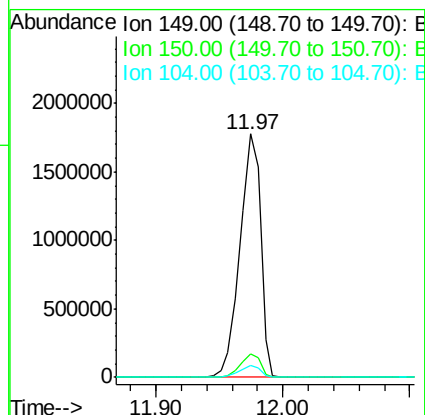
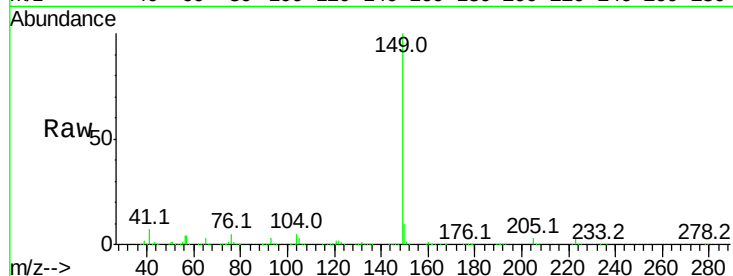




#73
Di-n-butylphthalate
Concen: 71.06 ng
RT: 11.97 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

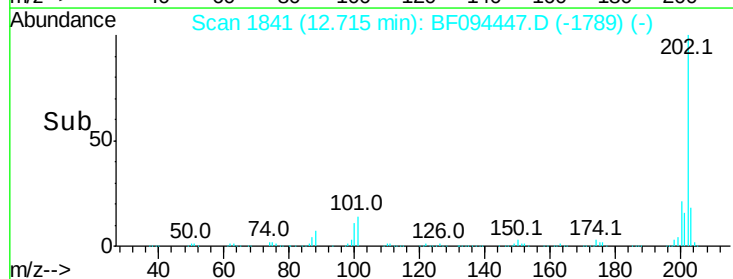
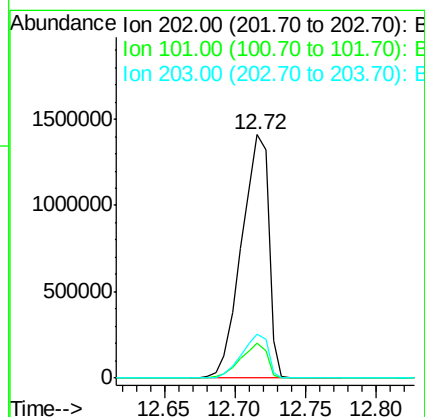
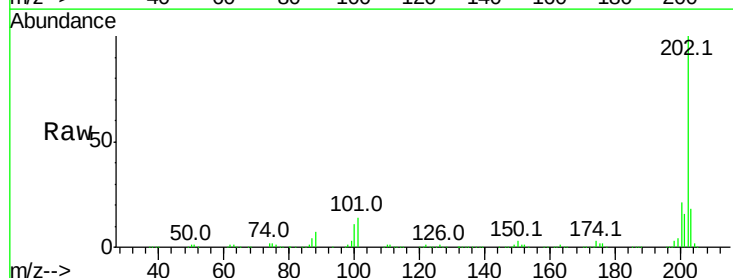
Instrument :
BNA_F
ClientSampleId :

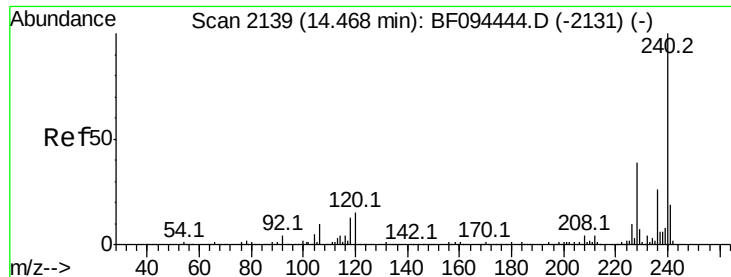
Tot Ion:149 Resp: 1992198
Ion Ratio Lower Upper
149 100
150 9.6 7.7 11.5
104 4.9 4.0 6.0



#74
Fluoranthene
Concen: 72.39 ng
RT: 12.72 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Tgt Ion:202 Resp: 1892746
Ion Ratio Lower Upper
202 100
101 14.3 0.0 33.2
203 18.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2140

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

ClientSampleId :

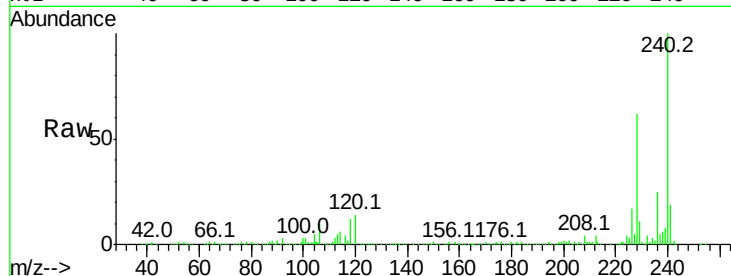
Tot Ion:240 Resp: 363751

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

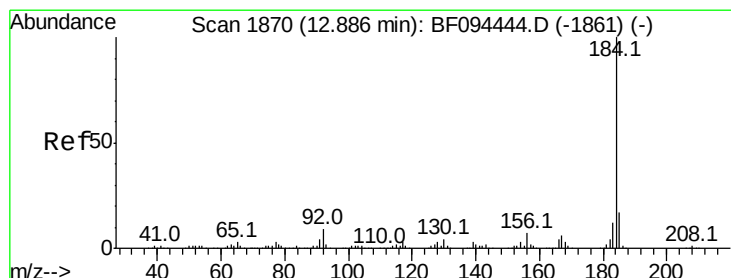
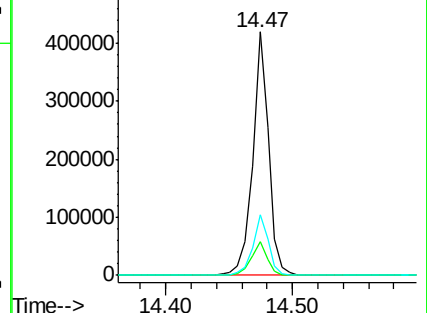
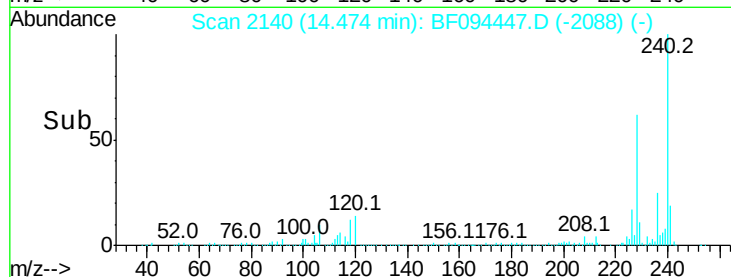
236 24.8 20.5 30.7



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: 76.10 ng

RT: 12.89 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

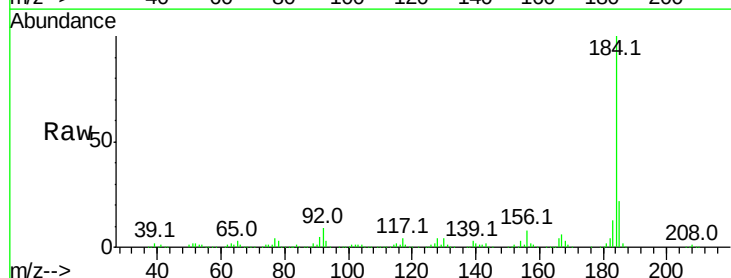
Tgt Ion:184 Resp: 1095601

Ion Ratio Lower Upper

184 100

185 21.5 15.5 23.3

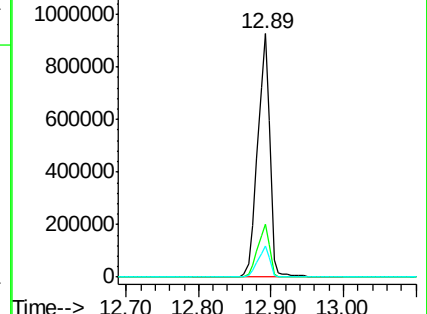
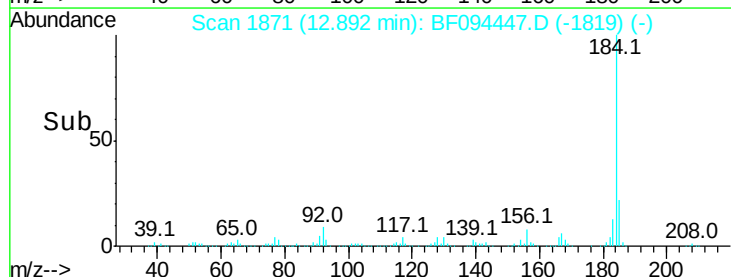
183 12.6 9.8 14.6

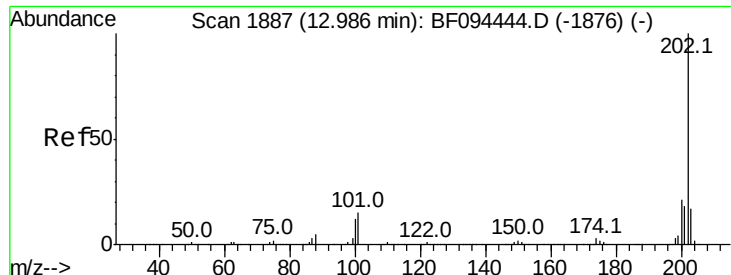


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

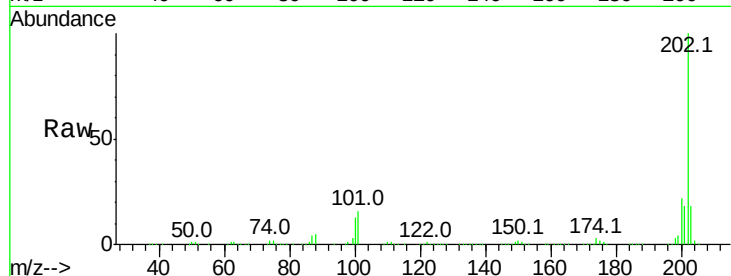




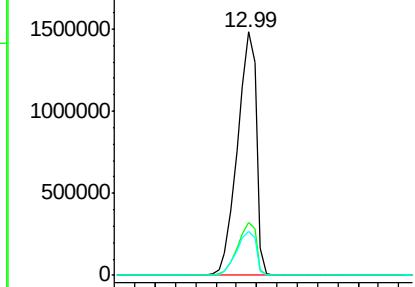
#77
Pvrene
Concen: 72.87 ng
RT: 12.99 min Scan# 1888
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Instrument :
BNA_F
ClientSampleId :

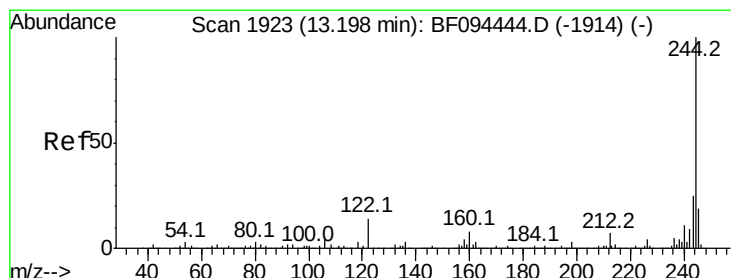
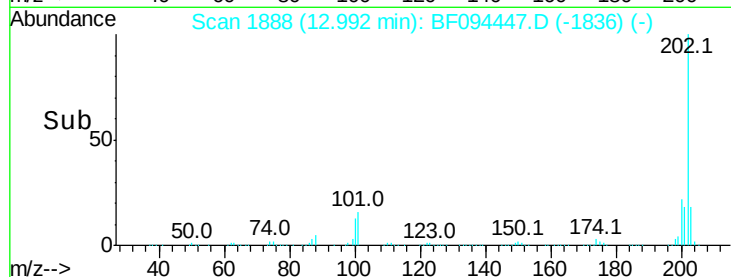
Tot Ion:202 Resp: 1923630
Ion Ratio Lower Upper
202 100
200 21.9 17.6 26.4
203 18.1 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E
2000000 Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

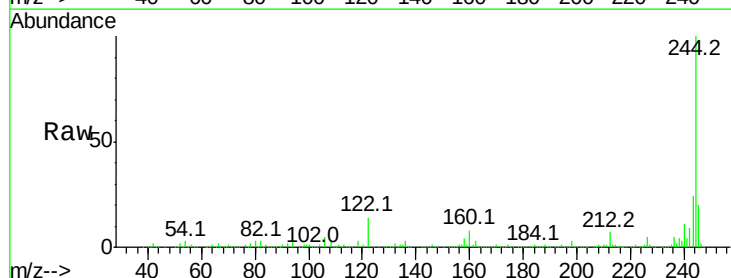


Time--> 12.90 13.00 13.10

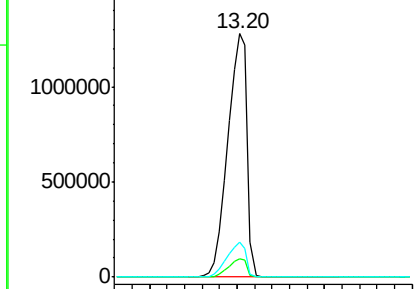


#78
Terphenyl-d14
Concen: 118.90 ng
RT: 13.20 min Scan# 1924
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

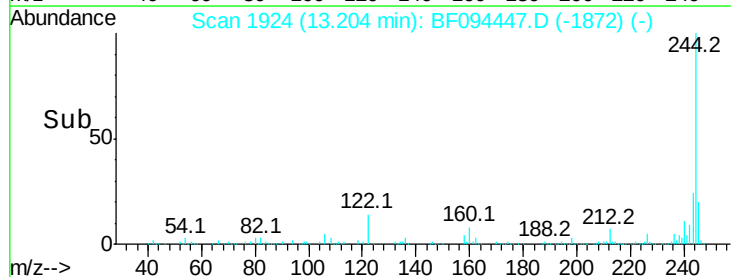
Tgt Ion:244 Resp: 1929531
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 14.2 10.3 15.5

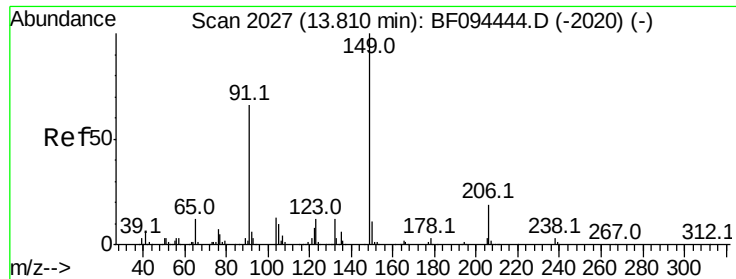


Abundance Ion 244.00 (243.70 to 244.70): E
1500000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time--> 13.10 13.20 13.30

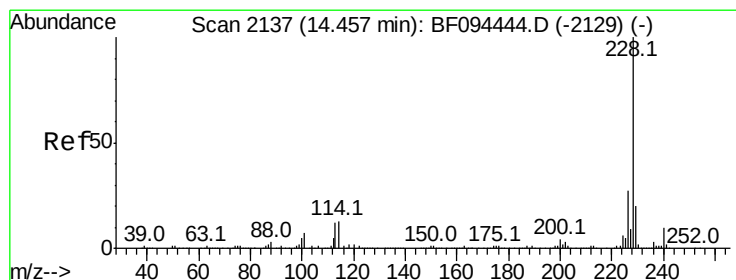
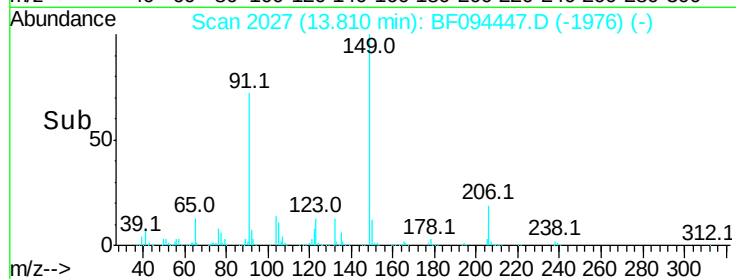
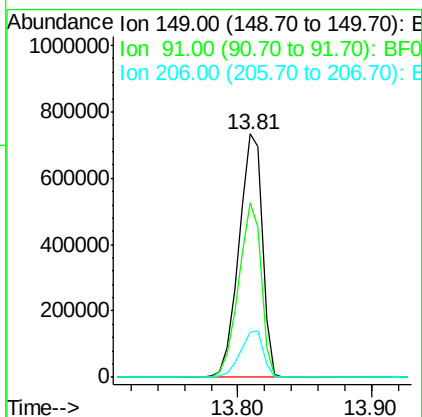
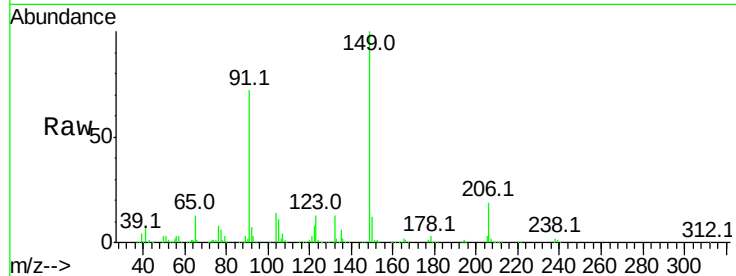




#79
Butylbenzylphthalate
Concen: 78.82 ng
RT: 13.81 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

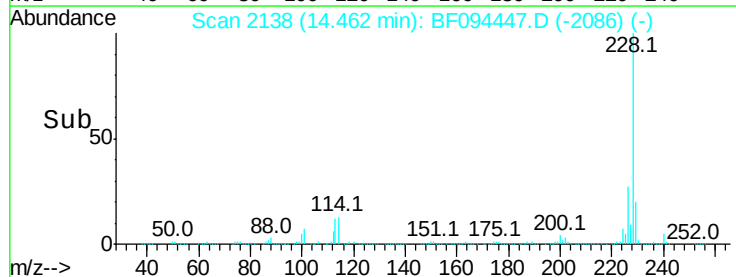
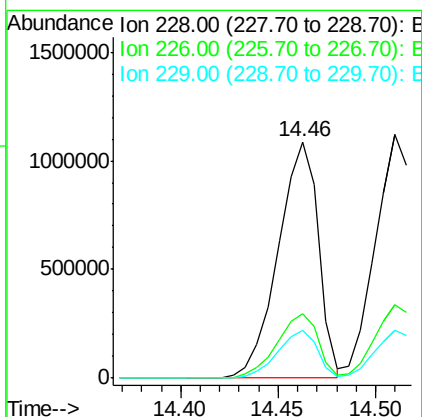
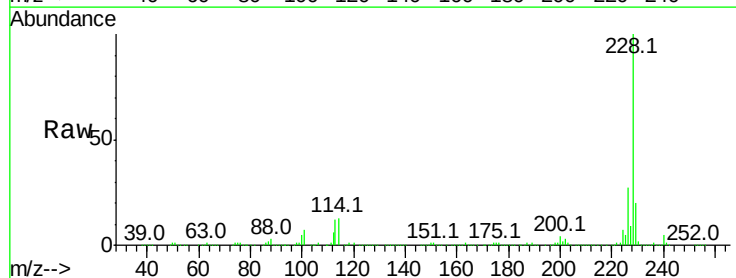
Instrument :
BNA_F
ClientSampleId :

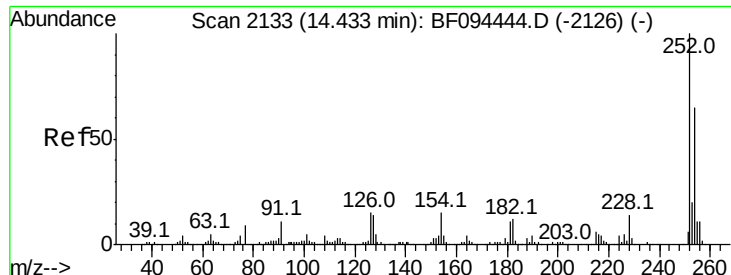
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.6	45.0	67.4#
206	18.6	17.0	25.6



#80
Benzo(a)anthracene
Concen: 72.86 ng
RT: 14.46 min Scan# 2138
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	20.3	16.3	24.5

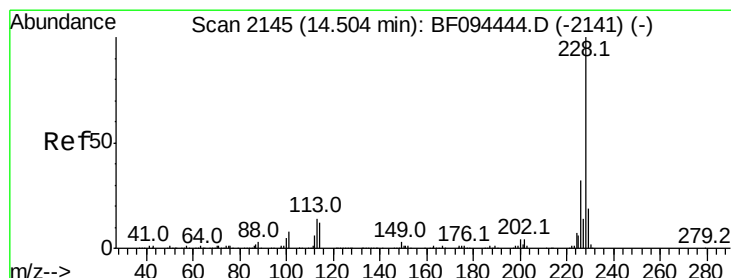
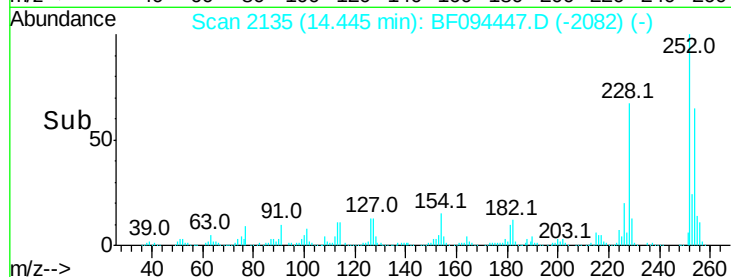
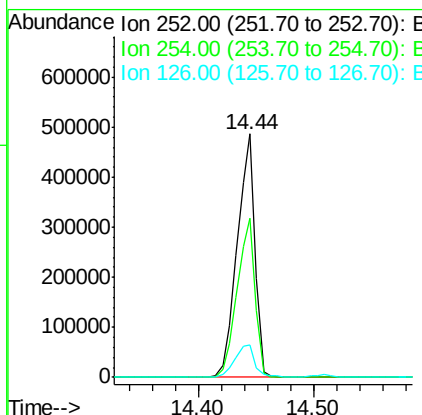
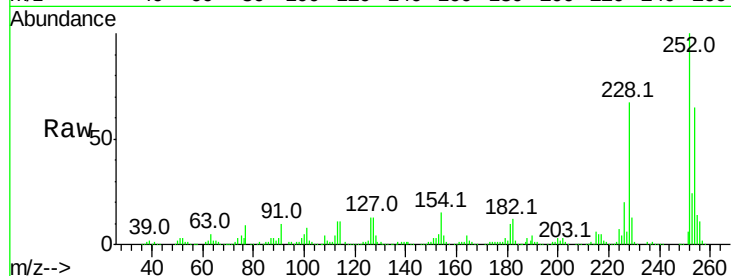




#81
 3,3'-Dichlorobenzidine
 Concen: 68.80 ng
 RT: 14.44 min Scan# 2135
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

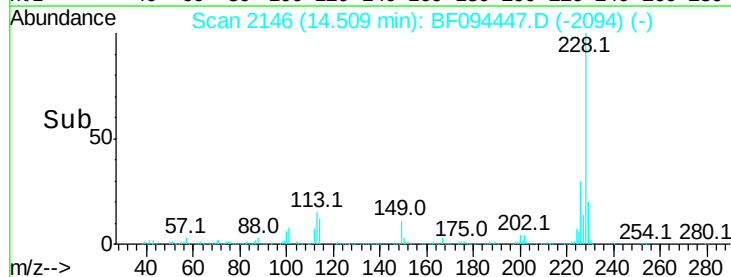
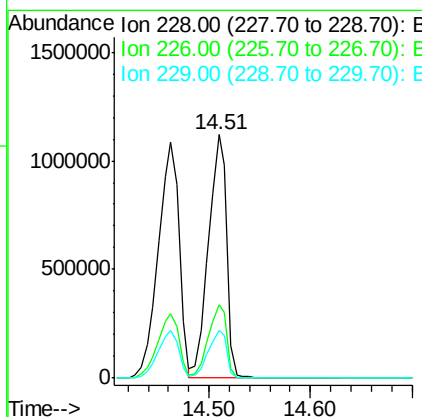
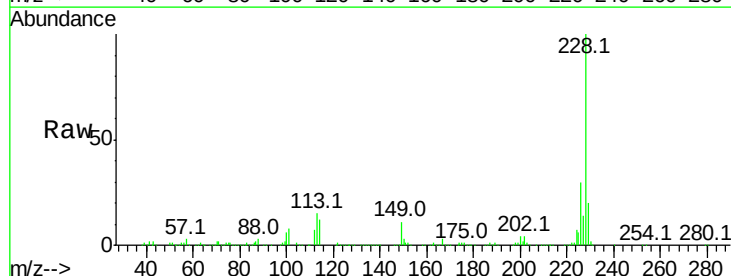
Instrument :
 BNA_F
 ClientSampleId :

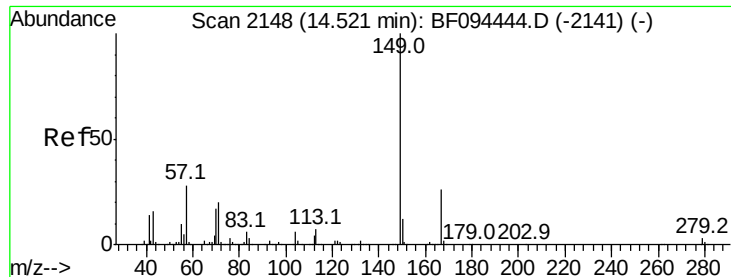
Tot Ion:252 Resp: 521653
 Ion Ratio Lower Upper
 252 100
 254 65.3 51.5 77.3
 126 13.3 15.8 23.8#



#82
 Chrysene
 Concen: 70.91 ng
 RT: 14.51 min Scan# 2146
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Tgt Ion:228 Resp: 1395879
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.9 37.3
 229 19.9 15.8 23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 72.69 ng

RT: 14.53 min Scan# 2149

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

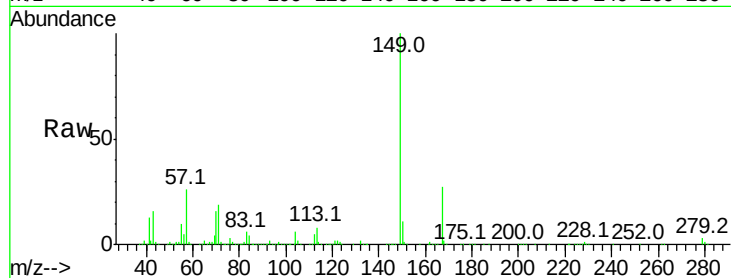
Instrument :

BNA_F

ClientSampled :

Tot Ion:149 Resp: 1115471

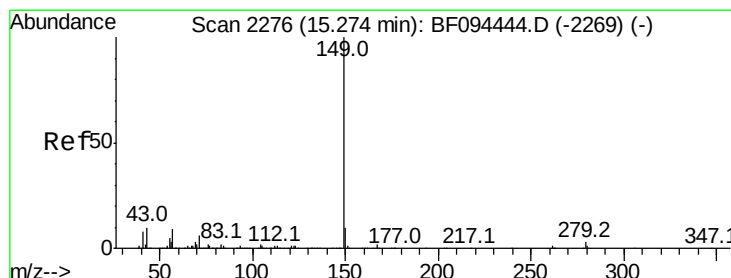
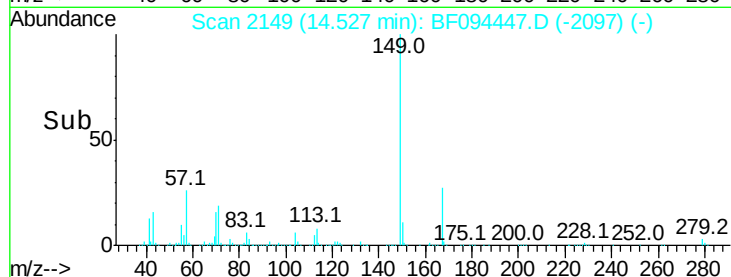
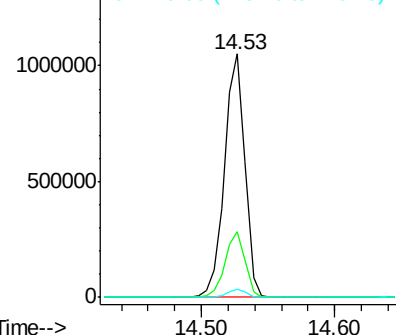
Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.0	31.4
279	3.2	1.9	2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 75.40 ng

RT: 15.28 min Scan# 2277

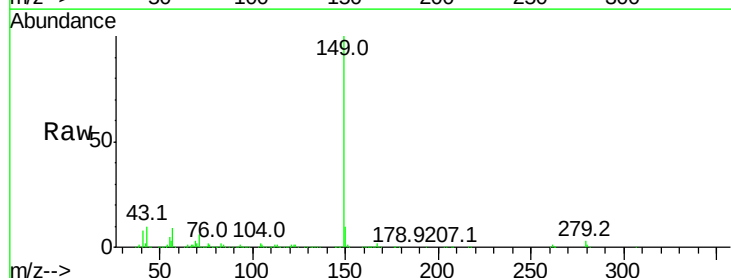
Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Tgt Ion:149 Resp: 1932925

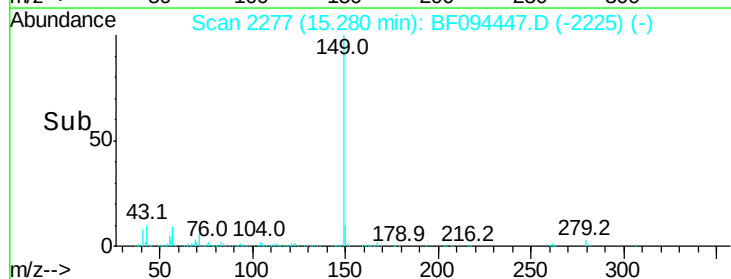
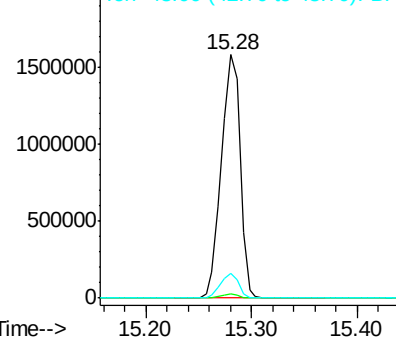
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.7	8.5	12.7

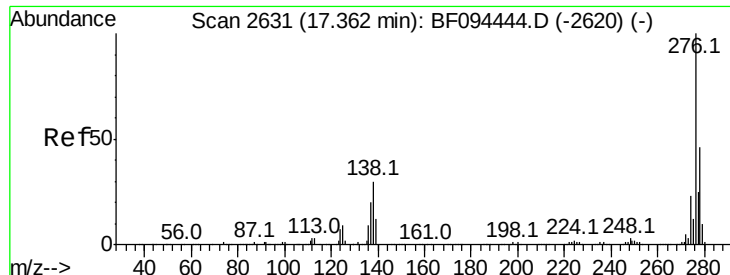


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



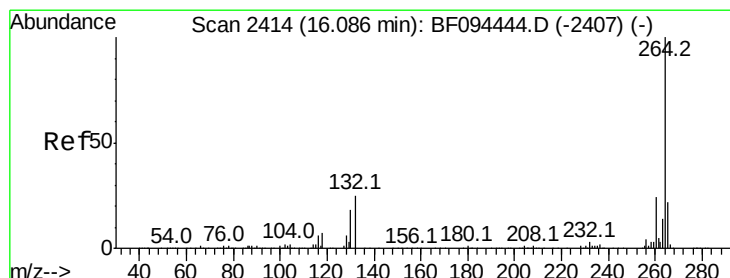
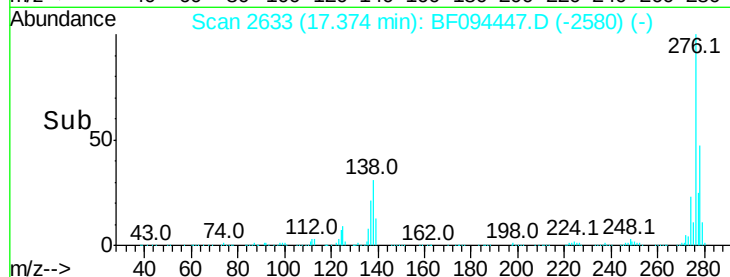
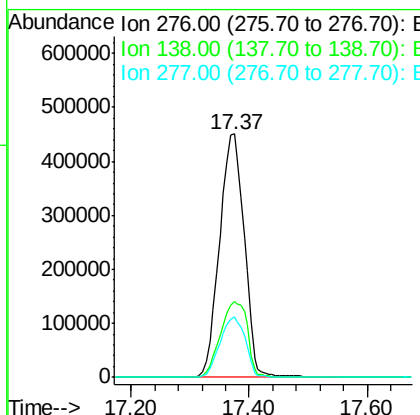
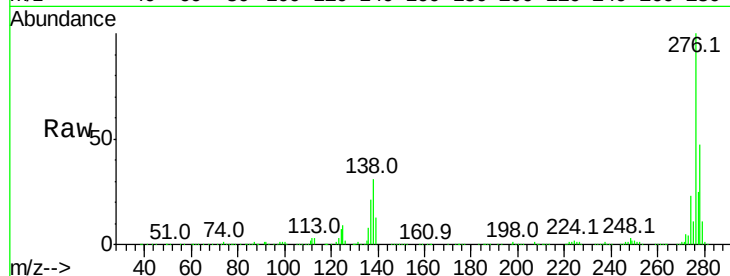


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 77.66 ng
 RT: 17.37 min Scan# 2633
 Delta R.T. 0.01 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1324002

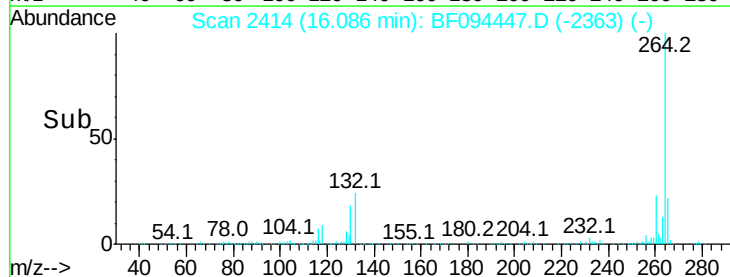
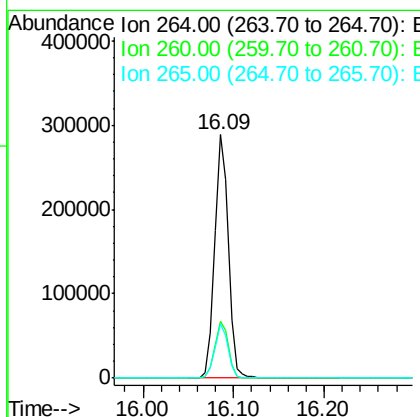
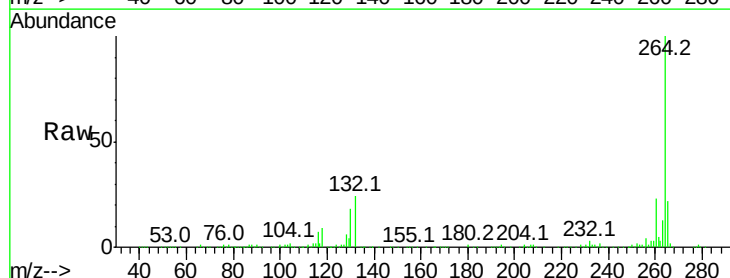
Ion	Ratio	Lower	Upper
276	100		
138	34.1	27.8	41.6
277	25.5	20.2	30.4

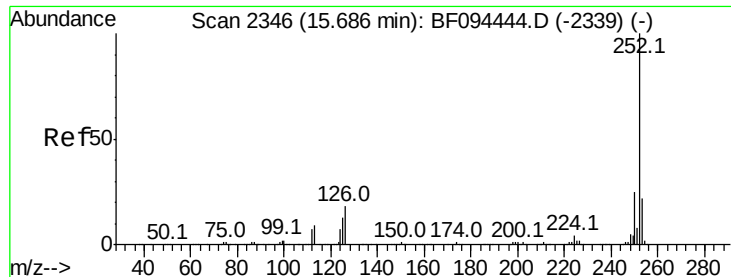


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2414
 Delta R.T. 0.00 min
 Lab File: BF094447.D
 Acq: 17 Apr 2017 14:06

Tgt Ion:264 Resp: 303217

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	22.1	17.2	25.8

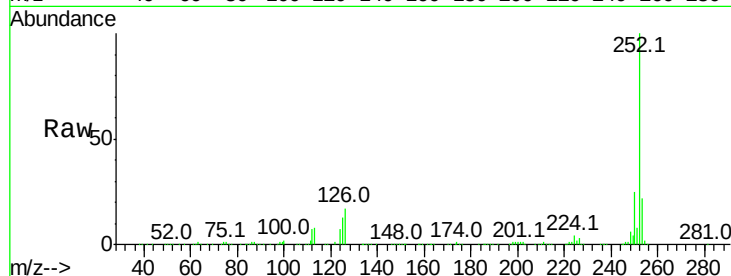




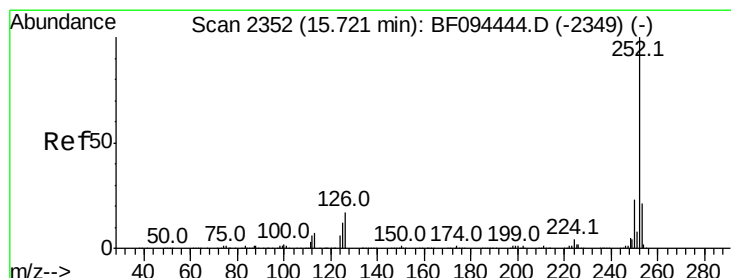
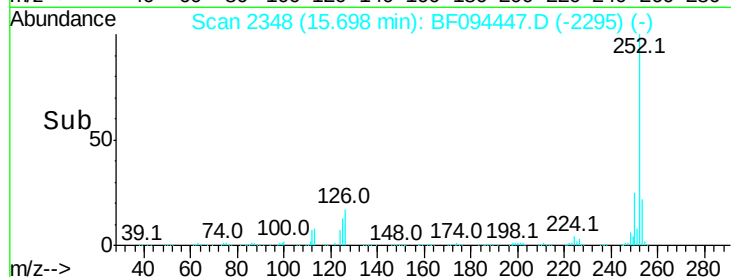
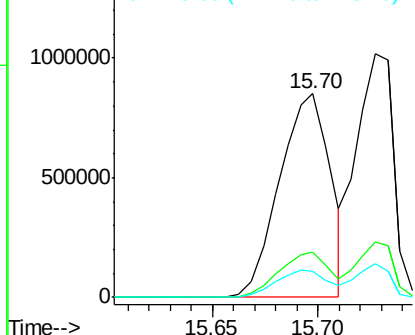
#87
Benzo(b)fluoranthene
Concen: 76.58 ng
RT: 15.70 min Scan# 2348
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1423243
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 13.1 9.8 14.8

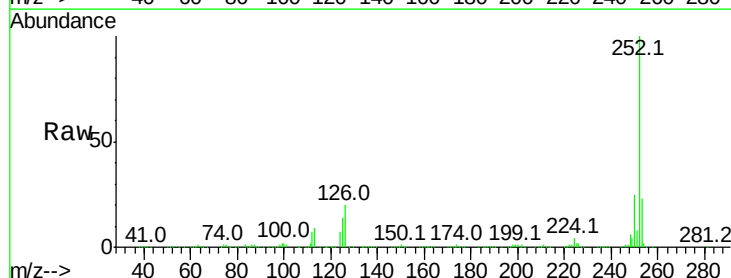


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

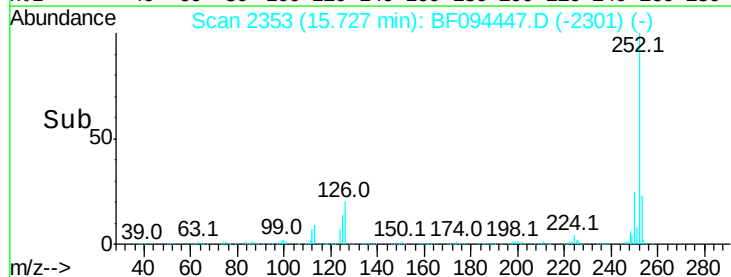
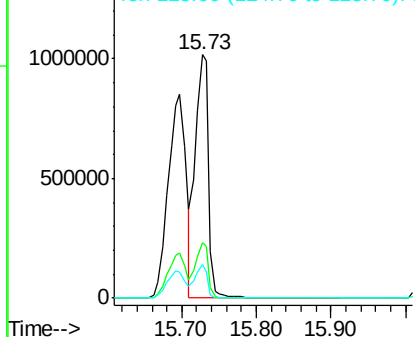


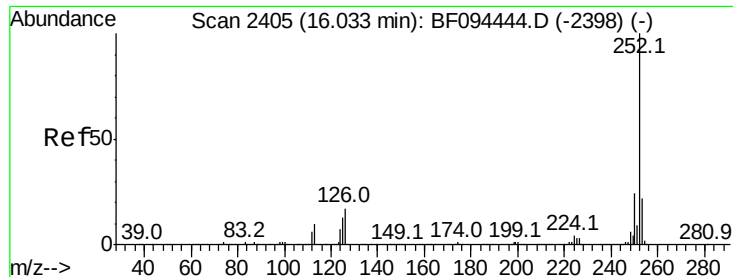
#88
Benzo(k)fluoranthene
Concen: 69.65 ng
RT: 15.73 min Scan# 2353
Delta R.T. 0.01 min
Lab File: BF094447.D
Acq: 17 Apr 2017 14:06

Tgt Ion:252 Resp: 1266628
Ion Ratio Lower Upper
252 100
253 22.5 18.4 27.6
125 13.7 13.1 19.7



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





#89

Benzo(a)pyrene

Concen: 74.90 ng

RT: 16.04 min Scan# 2406

Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

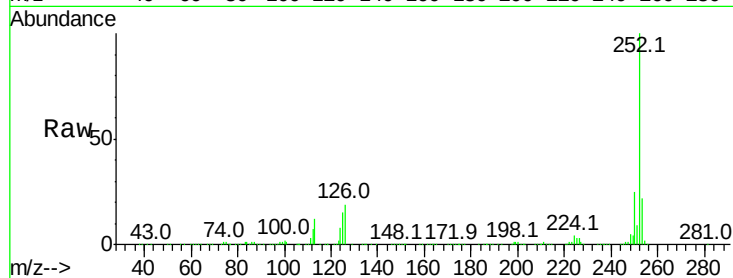
Instrument :

BNA_F

ClientSampleId :

Tot Ion:252 Resp: 1281990

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	14.9	11.0	16.4

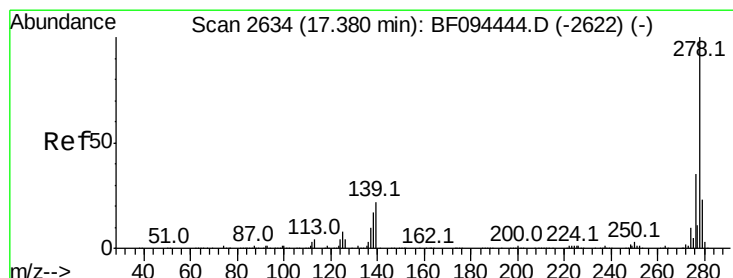
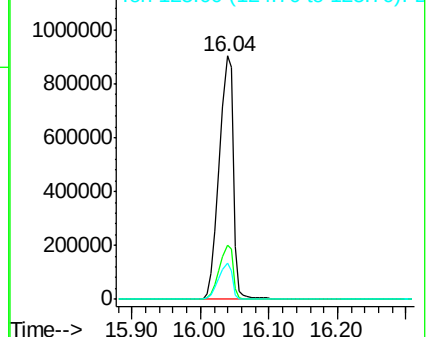
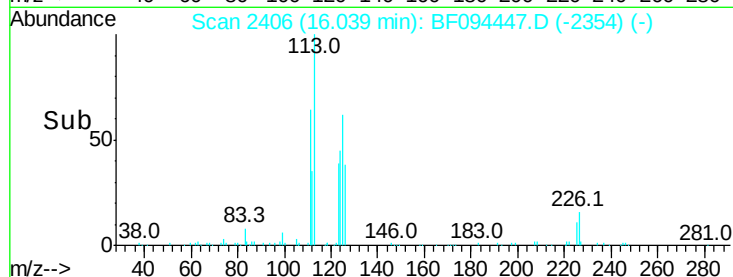


Abundance

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: 73.25 ng

RT: 17.39 min Scan# 2636

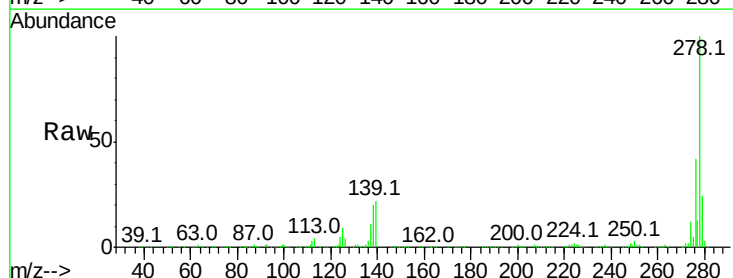
Delta R.T. 0.01 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Tgt Ion:278 Resp: 1061801

Ion	Ratio	Lower	Upper
278	100		
139	22.4	16.6	24.8
279	24.1	19.3	28.9

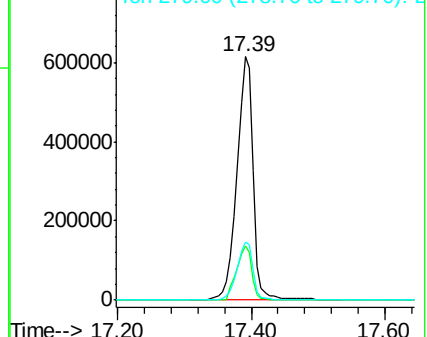
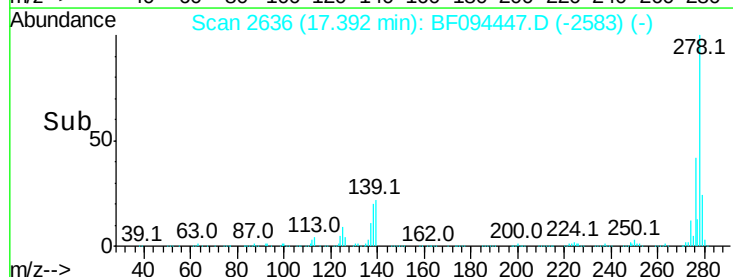


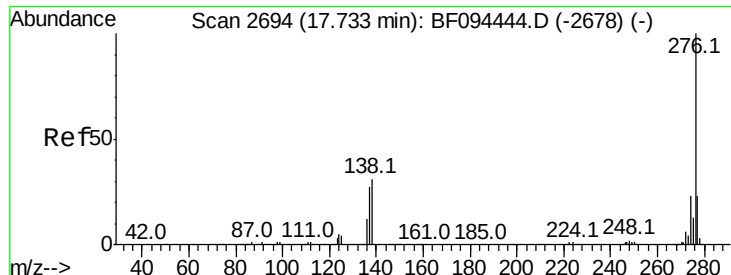
Abundance

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: 76.47 ng

RT: 17.75 min Scan# 2697

Delta R.T. 0.02 min

Lab File: BF094447.D

Acq: 17 Apr 2017 14:06

Instrument :

BNA_F

ClientSampleId :

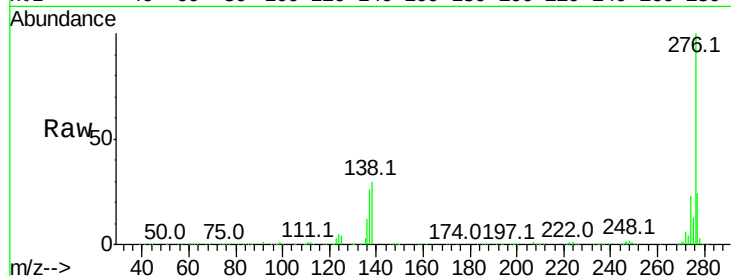
Tot Ion:276 Resp: 1117016

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 30.2 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

