

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042417\
 Data File : BF094588.D
 Acq On : 24 Apr 2017 16:36
 Operator : SJ/MA
 Sample : PB98421BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98421BS

Quant Time: Apr 25 05:25:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	151540	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	576796	20.00	ng	0.00
38) Acenaphthene-d10	9.38	164	244119	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	391737	20.00	ng	-0.01
75) Chrysene-d12	14.45	240	260216	20.00	ng	-0.01
86) Perylene-d12	16.08	264	240152	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.32	112	1121872	122.82	ng	0.02
7) Phenol-d6	5.40	99	1335558	124.03	ng	0.00
23) Nitrobenzene-d5	6.41	82	851750	91.18	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	243318	127.43	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1453122	87.58	ng	0.00
78) Terphenyl-d14	13.18	244	1033584	106.17	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.17	88	142204	26.77	ng	95
3) Pyridine	2.68	79	421091	36.27	ng	99
4) n-Nitrosodimethylamine	2.62	42	189185	39.38	ng	84
6) Aniline	5.40	93	446628	31.21	ng	# 84
8) 2-Chlorophenol	5.54	128	433438	41.70	ng	97
9) Benzaldehyde	5.26	77	141304	17.25	ng	98
10) Phenol	5.41	94	516561	39.05	ng	92
11) bis(2-Chloroethyl)ether	5.48	93	414516	42.89	ng	98
12) 1,3-Dichlorobenzene	5.70	146	463415	40.24	ng	99
13) 1,4-Dichlorobenzene	5.78	146	469181	40.50	ng	96
14) 1,2-Dichlorobenzene	5.95	146	425218	39.85	ng	97
15) Benzyl Alcohol	5.94	79	317596	39.76	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.09	45	533665	42.12	ng	# 37
17) 2-Methylphenol	6.08	107	343324	41.94	ng	# 92
18) Hexachloroethane	6.34	117	151624	38.18	ng	90
19) n-Nitroso-di-n-propylamine	6.25	70	304634	42.70	ng	95
20) 3+4-Methylphenols	6.27	107	466553	41.94	ng	# 61
22) Acetophenone	6.24	105	622786	44.41	ng	# 85
24) Nitrobenzene	6.44	77	427573	43.47	ng	93
25) Isophorone	6.72	82	784471	45.30	ng	# 94
26) 2-Nitrophenol	6.81	139	222455	42.09	ng	98
27) 2,4-Dimethylphenol	6.88	122	375296	43.72	ng	98
28) bis(2-Chloroethoxy)methane	6.98	93	507434	45.30	ng	99
29) 2,4-Dichlorophenol	7.11	162	354890	44.44	ng	98
30) 1,2,4-Trichlorobenzene	7.19	180	356224	43.15	ng	99
31) Naphthalene	7.28	128	1177853	42.48	ng	100
32) Benzoic acid	7.08	122	196894	43.37	ng	98
33) 4-Chloroaniline	7.35	127	148312	12.86	ng	# 91
34) Hexachlorobutadiene	7.43	225	178912	43.47	ng	98
35) Caprolactam	7.82	113	112420m	44.81	ng	
36) 4-Chloro-3-methylphenol	7.99	107	362263	43.29	ng	91
37) 2-Methylnaphthalene	8.12	142	806651	42.52	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.32	216	314491	45.24	ng	99
40) Hexachlorocyclopentadiene	8.31	237	144533	51.40	ng	99

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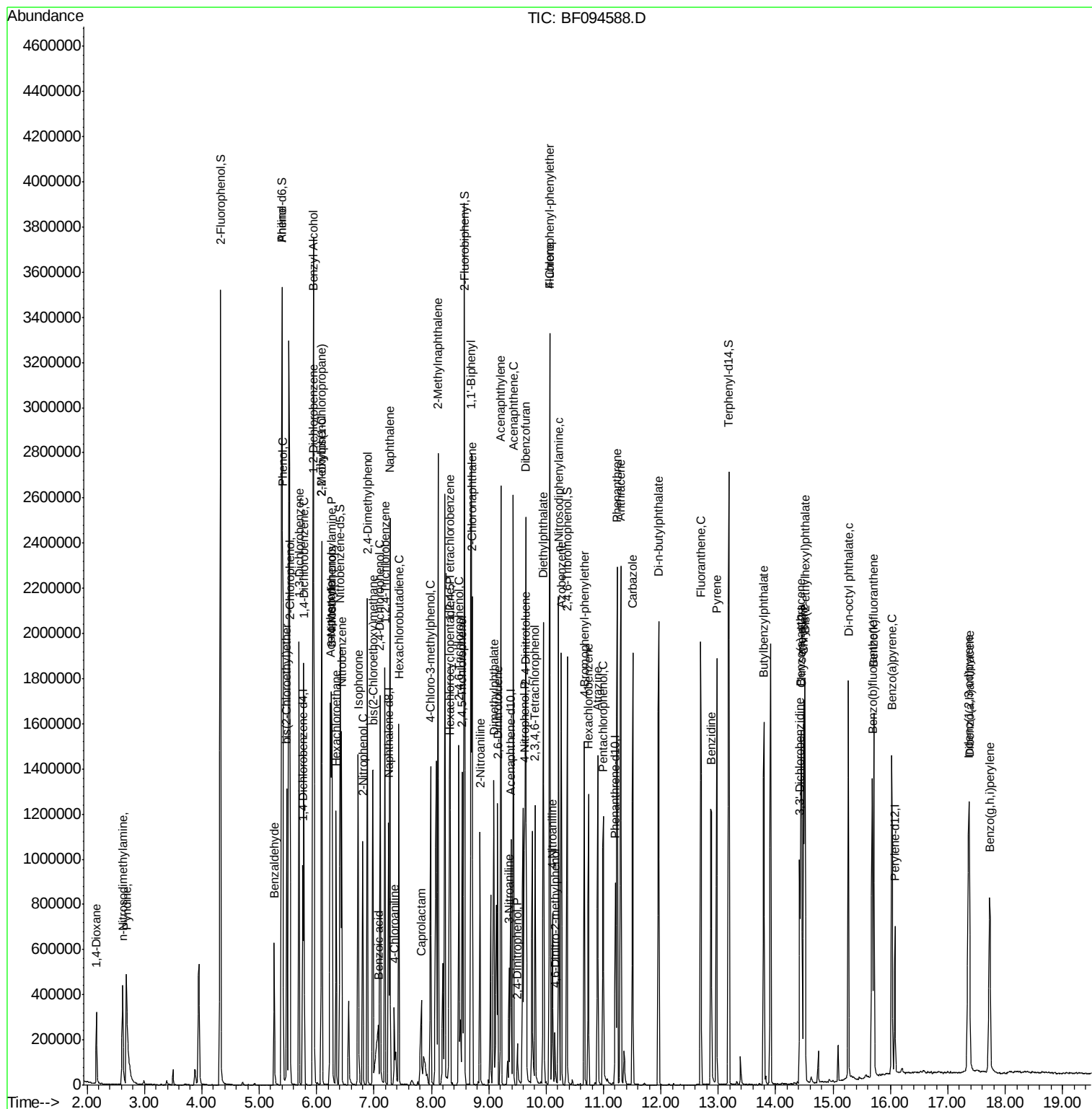
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.48	196	225777	46.25	nq	99
43) 2,4,5-Trichlorophenol	8.54	196	224760	44.83	nq	93
45) 1,1'-Biphenyl	8.70	154	868779	43.56	nq	98
46) 2-Chloronaphthalene	8.71	162	704997	44.45	nq	96
47) 2-Nitroaniline	8.85	65	206144	45.19	nq	88
48) Acenaphthylene	9.21	152	1077240	43.57	nq	99
49) Dimethylphthalate	9.09	163	880591	48.40	nq	99
50) 2,6-Dinitrotoluene	9.15	165	184815	45.26	nq	# 89
51) Acenaphthene	9.43	154	647022	43.70	nq	99
52) 3-Nitroaniline	9.35	138	91717	19.41	nq	93
53) 2,4-Dinitrophenol	9.50	184	36576	21.08	nq	# 70
54) Dibenzofuran	9.64	168	946407	43.97	nq	100
55) 4-Nitrophenol	9.62	139	277093m	83.02	nq	
56) 2,4-Dinitrotoluene	9.65	165	226234	45.15	nq	# 89
57) Fluorene	10.06	166	702362	41.91	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.81	232	161706	45.00	nq	# 95
59) Diethylphthalate	9.95	149	811044	47.25	nq	100
60) 4-Chlorophenyl-phenylether	10.07	204	319211	45.77	nq	# 87
61) 4-Nitroaniline	10.11	138	161001	33.52	nq	95
62) Azobenzene	10.27	77	752542	45.15	nq	93
64) 4,6-Dinitro-2-methylphenol	10.15	198	33869	13.20	nq	# 76
65) n-Nitrosodiphenylamine	10.22	169	672379	49.35	nq	100
66) 4-Bromophenyl-phenylether	10.67	248	194772	50.07	nq	98
67) Hexachlorobenzene	10.74	284	187703	47.88	nq	# 86
68) Atrazine	10.90	200	207146	50.82	nq	96
69) Pentachlorophenol	11.00	266	152098	97.71	nq	98
70) Phenanthrene	11.24	178	979466	44.40	nq	98
71) Anthracene	11.30	178	1005646	44.07	nq	99
72) Carbazole	11.51	167	921220	43.01	nq	98
73) Di-n-butylphthalate	11.96	149	1215290	51.54	nq	98
74) Fluoranthene	12.69	202	894605	39.13	nq	98
76) Benzidine	12.88	184	592216	56.21	nq	# 93
77) Pyrene	12.97	202	876933	48.24	nq	99
79) Butylbenzylphthalate	13.79	149	432544	54.29	nq	89
80) Benzo(a)anthracene	14.44	228	691272	45.70	nq	99
81) 3,3'-Dichlorobenzidine	14.42	252	214298	40.03	nq	# 97
82) Chrysene	14.49	228	627556	45.40	nq	99
83) Bis(2-ethylhexyl)phthalate	14.51	149	628980	58.80	nq	# 100
84) Di-n-octyl phthalate	15.27	149	997098	55.57	nq	97
85) Indeno(1,2,3-cd)pyrene	17.36	276	649248	49.37	nq	99
87) Benzo(b)fluoranthene	15.68	252	656938	44.72	nq	98
88) Benzo(k)fluoranthene	15.71	252	632862	45.52	nq	96
89) Benzo(a)pyrene	16.02	252	621950	45.51	nq	98
90) Dibenzo(a,h)anthracene	17.38	278	545447	48.06	nq	99
91) Benzo(g,h,i)perylene	17.73	276	527980	45.70	nq	99

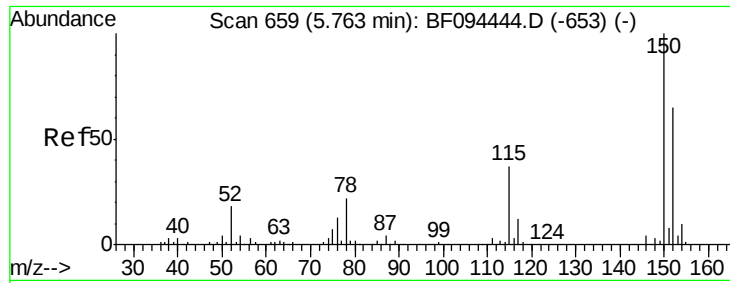
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.76 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

Instrument :

BNA_F

ClientSampleId :

PB98421BS

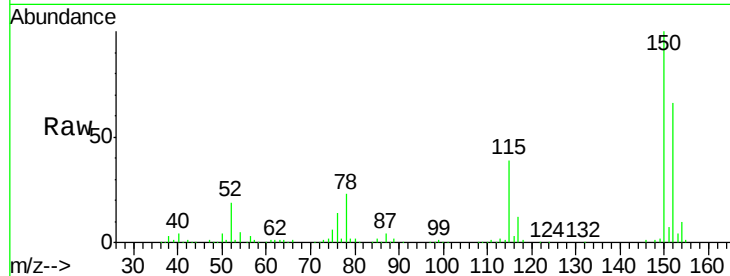
Tot Ion:152 Resp: 151540

Ion Ratio Lower Upper

152 100

150 152.5 126.2 189.2

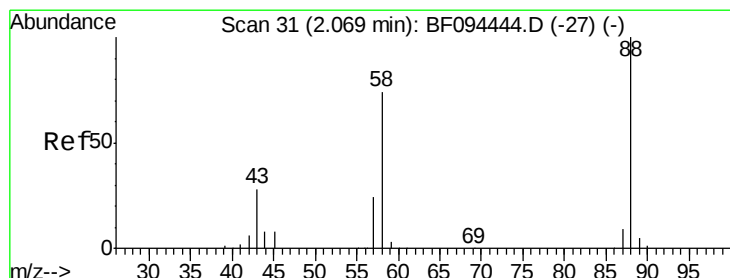
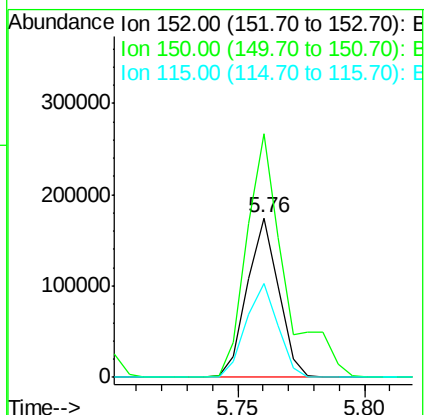
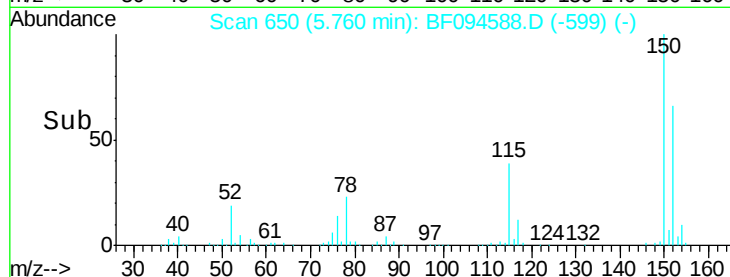
115 59.1 52.2 78.2



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: 26.77 ng

RT: 2.17 min Scan# 39

Delta R.T. 0.10 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

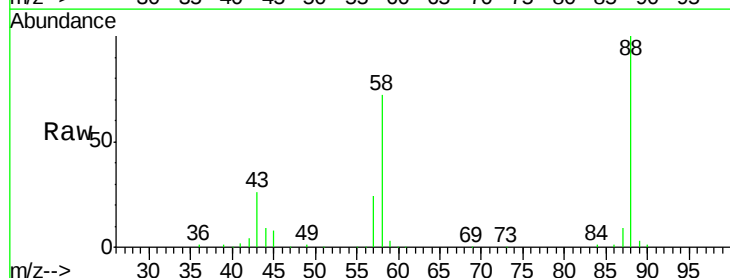
Tgt Ion: 88 Resp: 142204

Ion Ratio Lower Upper

88 100

58 72.8 61.4 92.0

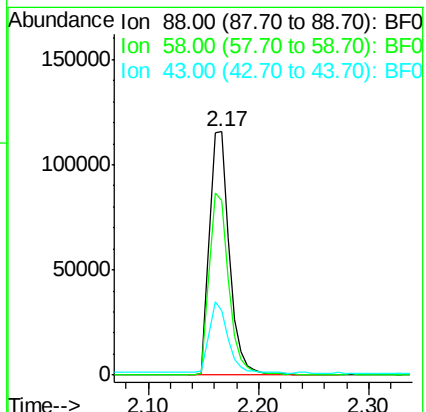
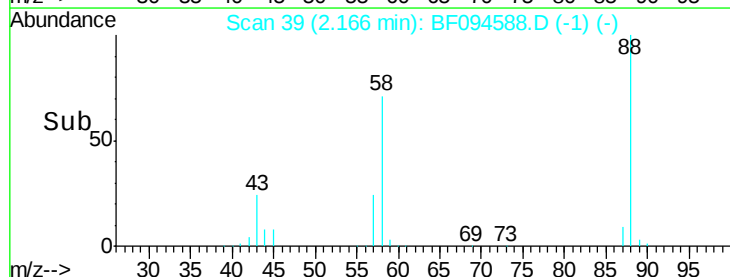
43 26.7 23.4 35.0

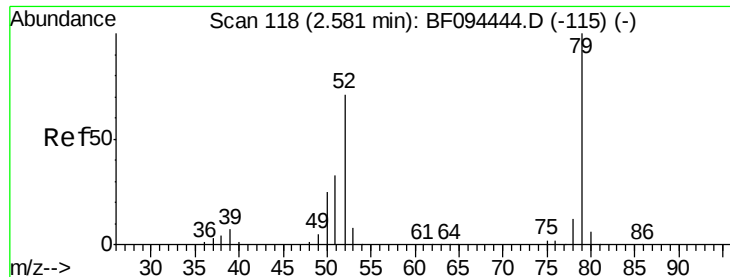


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 36.27 ng

RT: 2.68 min Scan# 127

Delta R.T. 0.10 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

Instrument :

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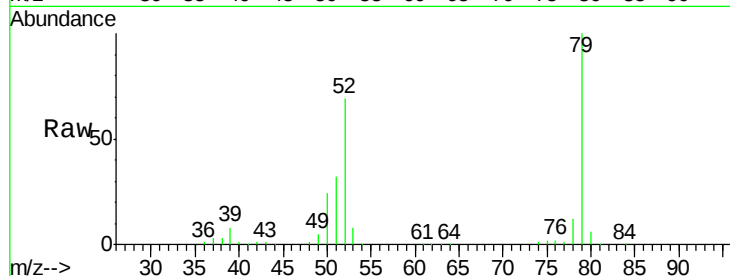
Tot Ion: 79 Resp: 421091

Ion Ratio Lower Upper

79 100

52 68.9 54.8 82.2

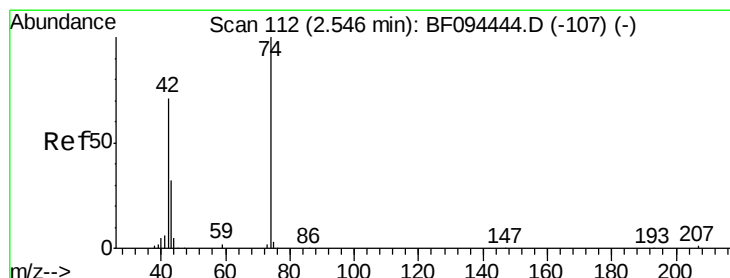
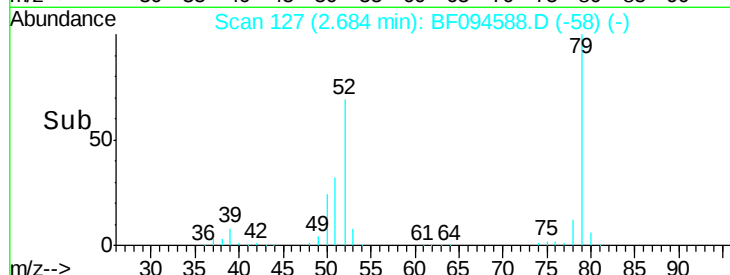
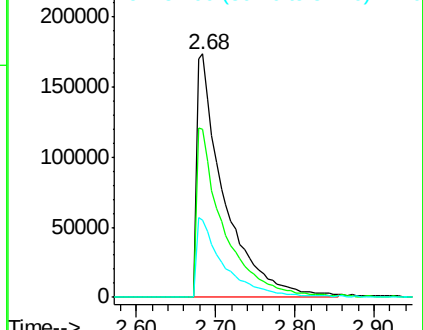
51 31.8 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.38 ng

RT: 2.62 min Scan# 117

Delta R.T. 0.08 min

Lab File: BF094588.D

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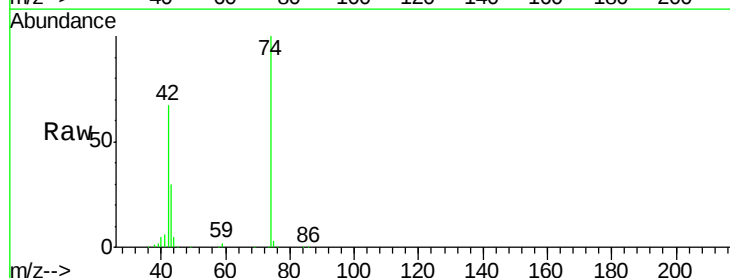
Tgt Ion: 42 Resp: 189185

Ion Ratio Lower Upper

42 100

74 149.5 103.9 155.9

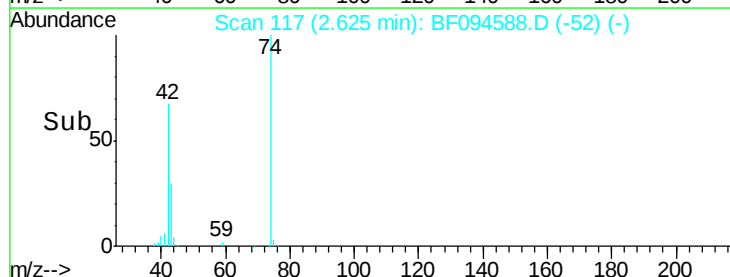
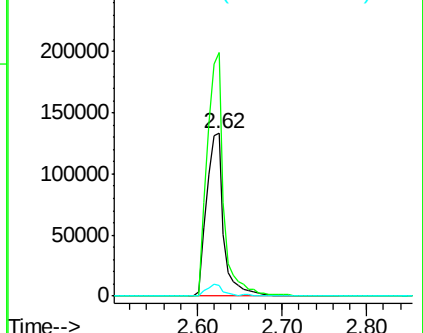
44 6.8 5.7 8.5

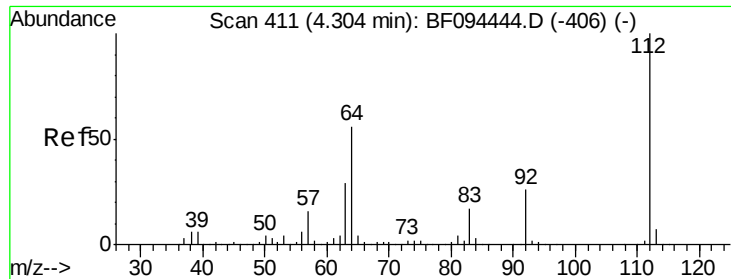


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 122.82 ng

RT: 4.32 min Scan# 406

Delta R.T. 0.02 min

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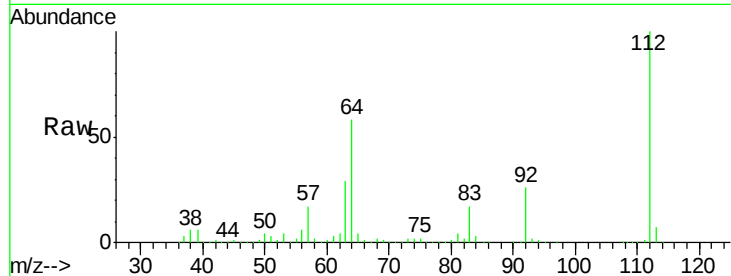
Tot Ion:112 Resp: 1121872

Ion Ratio Lower Upper

112 100

64 58.2 46.0 69.0

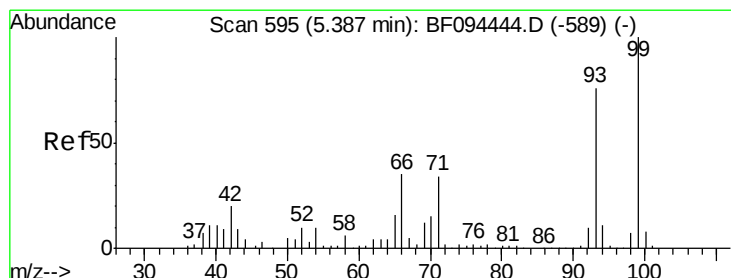
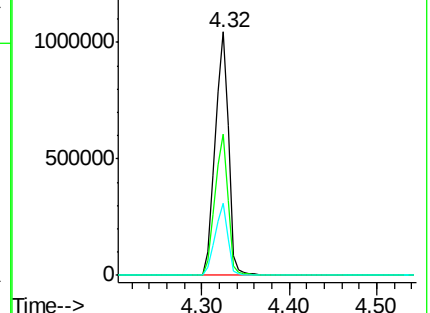
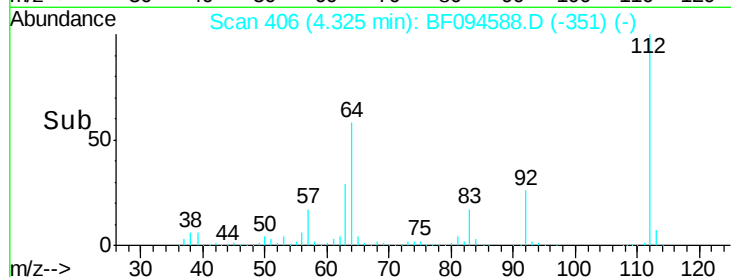
63 29.4 23.4 35.0



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: 31.21 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

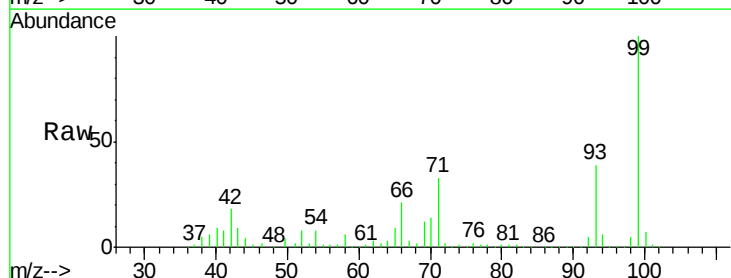
Tgt Ion: 93 Resp: 446628

Ion Ratio Lower Upper

93 100

66 53.7 32.9 49.3#

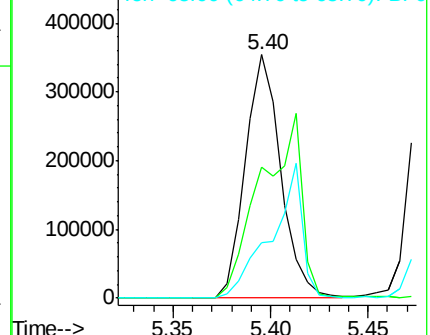
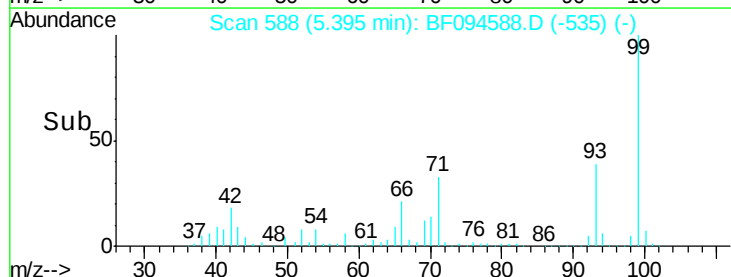
65 22.8 16.0 24.0

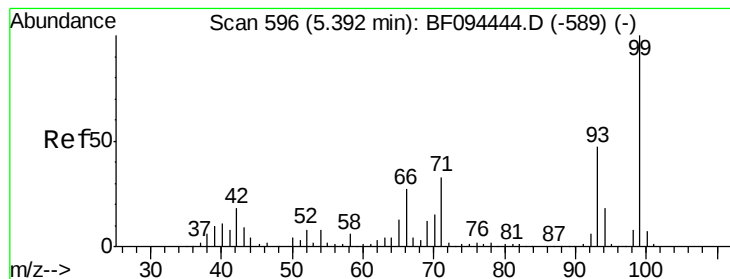


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.03 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

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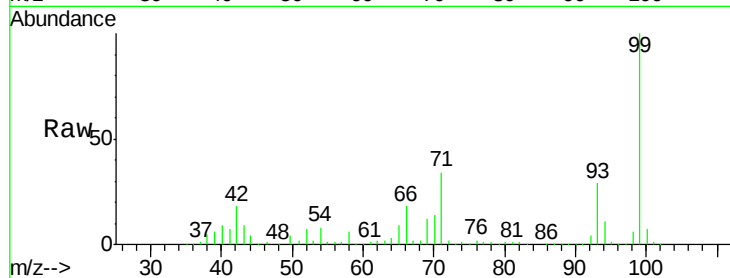
Tot Ion: 99 Resp: 1335558

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

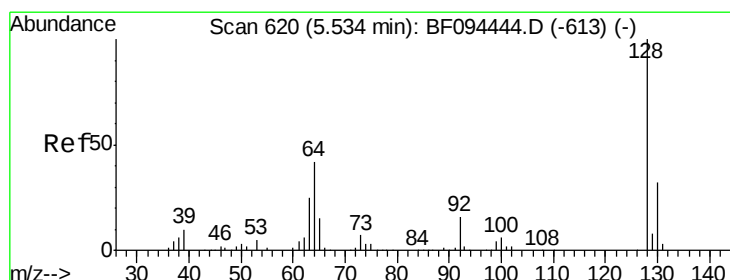
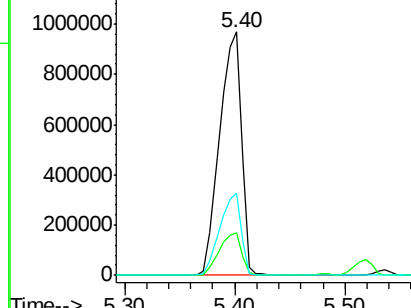
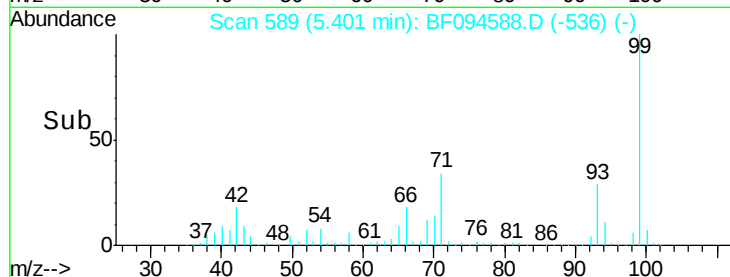
71 33.8 24.5 36.7



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: 41.70 ng

RT: 5.54 min Scan# 612

Delta R.T. 0.00 min

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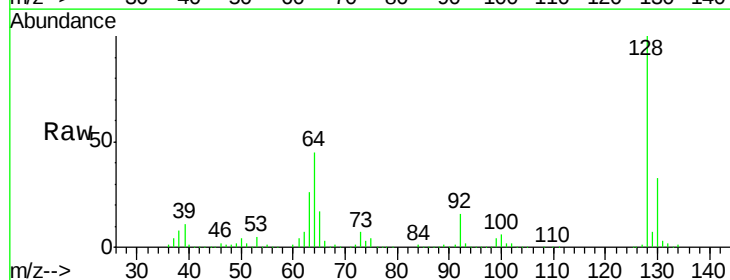
Tgt Ion: 128 Resp: 433438

Ion Ratio Lower Upper

128 100

130 32.7 12.9 52.9

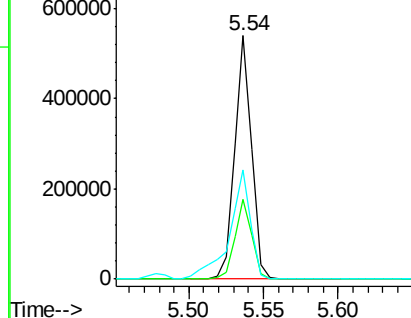
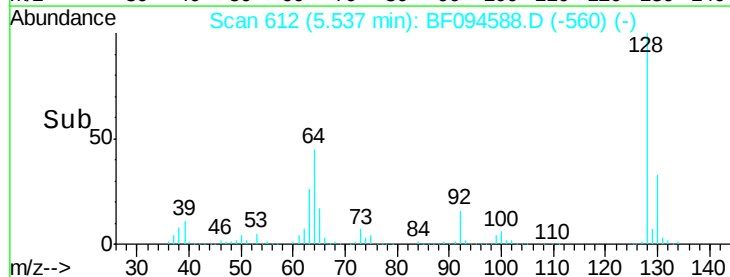
64 44.7 28.4 68.4

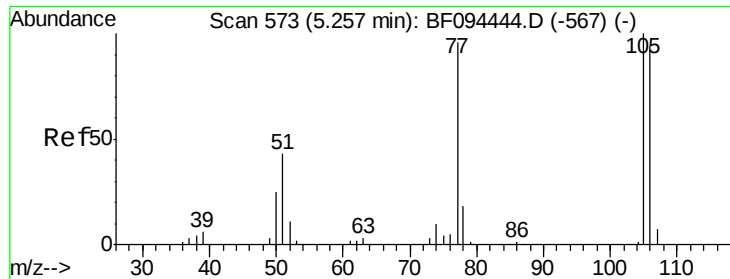


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

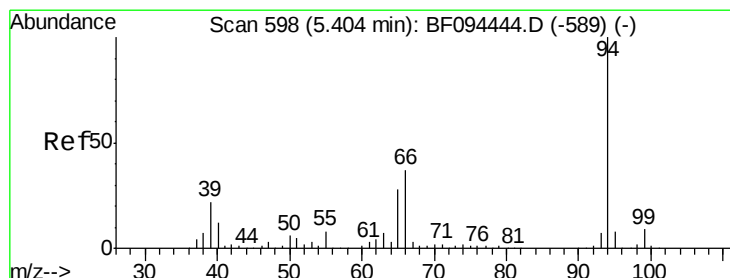
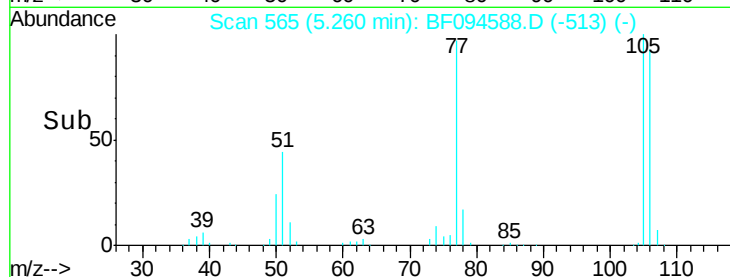
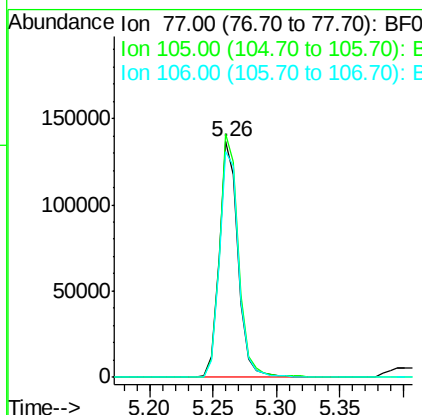
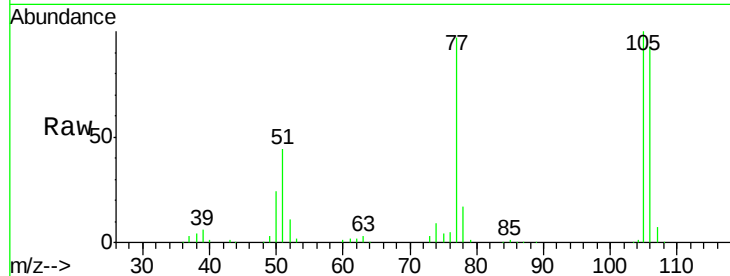




#9
Benzaldehyde
Concen: 17.25 ng
RT: 5.26 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF094588.D
Acq: 24 Apr 2017 16:36

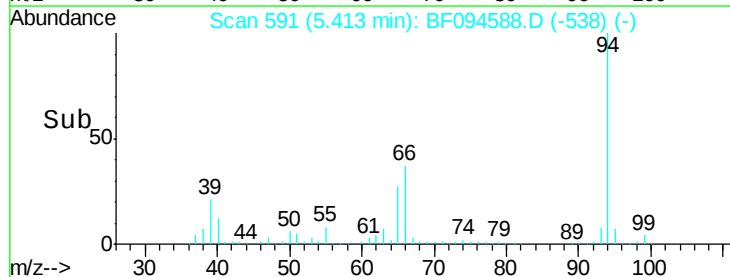
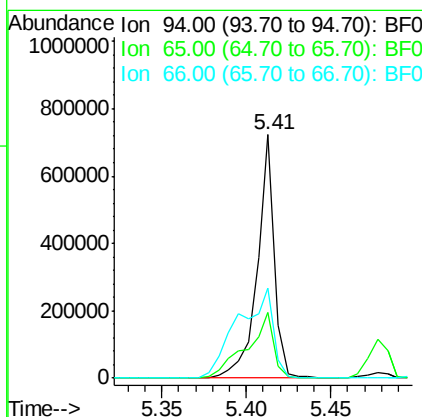
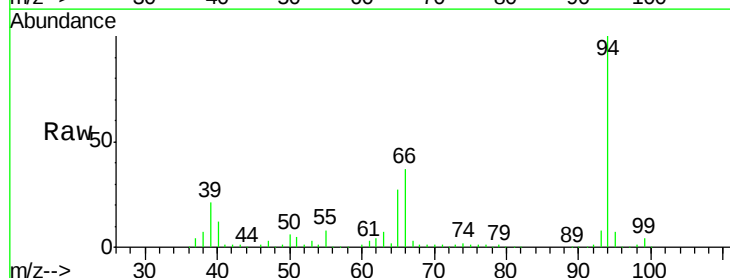
Instrument :
BNA_F
ClientSampleId :
PB98421BS

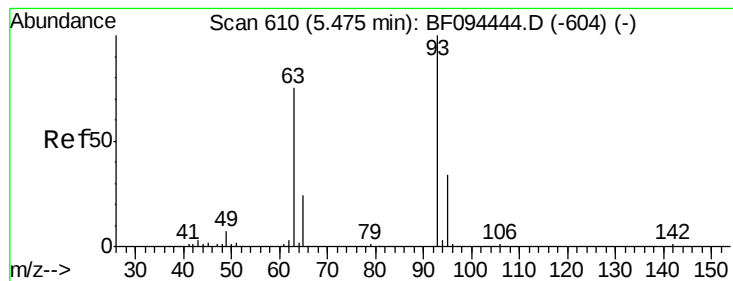
Tot Ion: 77 Resp: 141304
Ion Ratio Lower Upper
77 100
105 103.4 83.8 123.8
106 96.0 79.1 119.1



#10
Phenol
Concen: 39.05 ng
RT: 5.41 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF094588.D
Acq: 24 Apr 2017 16:36

Tgt Ion: 94 Resp: 516561
Ion Ratio Lower Upper
94 100
65 27.1 9.9 49.9
66 37.2 23.1 63.1

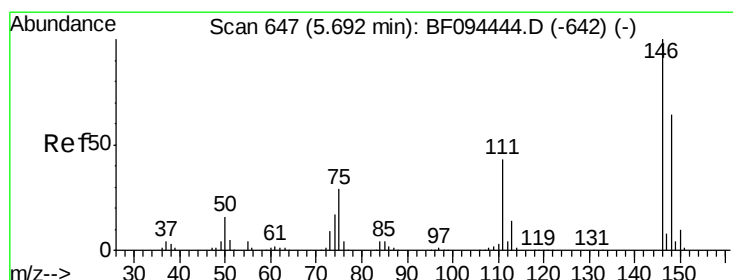
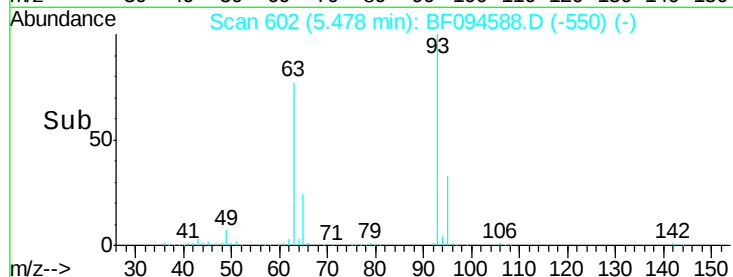
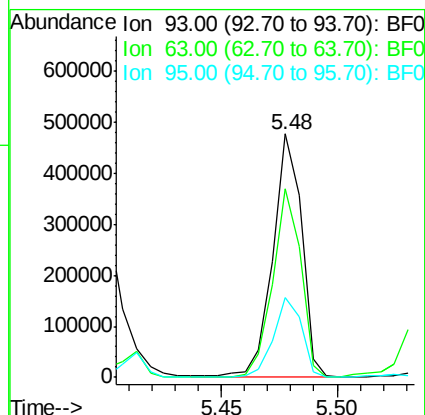
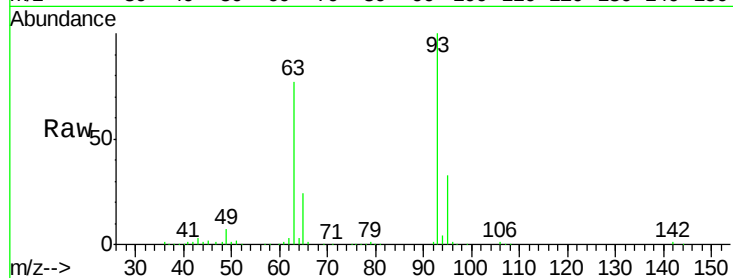




#11
bis(2-Chloroethyl)ether
Concen: 42.89 ng
RT: 5.48 min Scan# 602
Delta R.T. 0.00 min
Lab File: BF094588.D
Acq: 24 Apr 2017 16:36

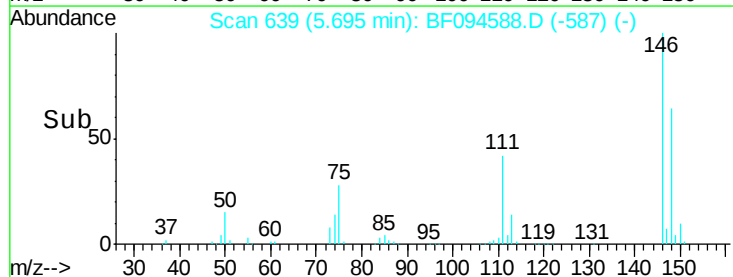
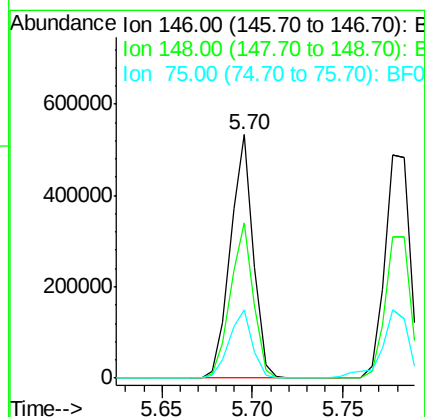
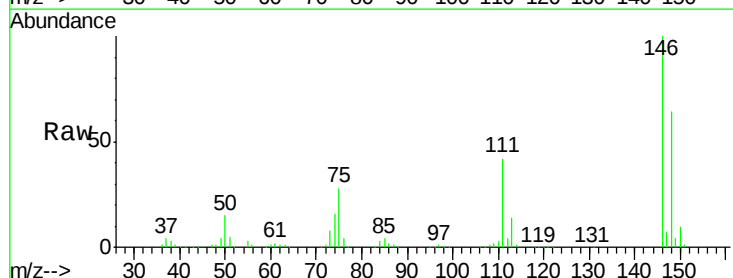
Instrument :
BNA_F
ClientSampleId :
PB98421BS

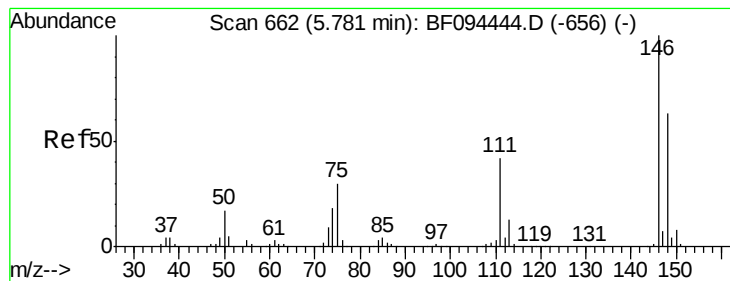
Tot Ion: 93 Resp: 414516
Ion Ratio Lower Upper
93 100
63 77.3 59.2 99.2
95 32.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.24 ng
RT: 5.70 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF094588.D
Acq: 24 Apr 2017 16:36

Tgt Ion: 146 Resp: 463415
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.6
75 28.3 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 40.50 ng

RT: 5.78 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

Instrument :

BNA_F

ClientSampleId :

PB98421BS

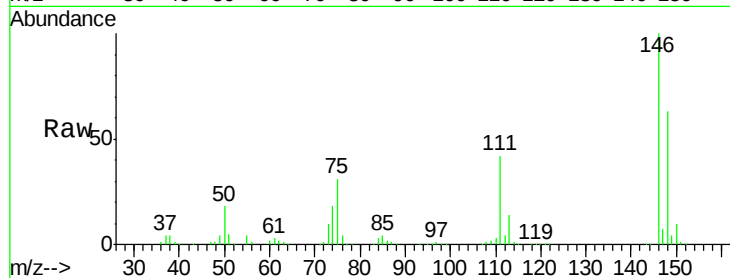
Tot Ion:146 Resp: 469181

Ion Ratio Lower Upper

146 100

148 63.4 52.2 78.2

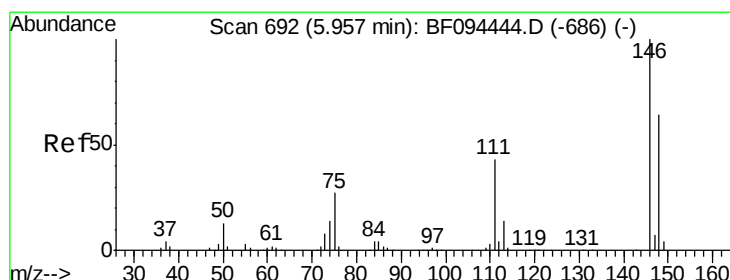
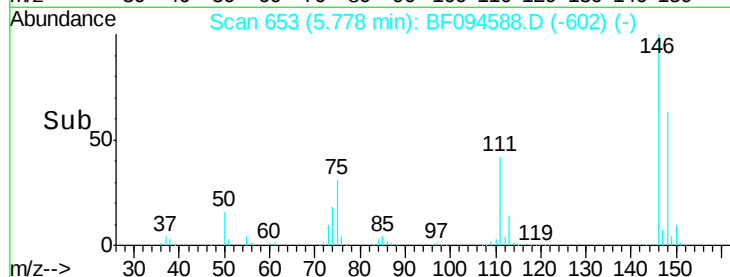
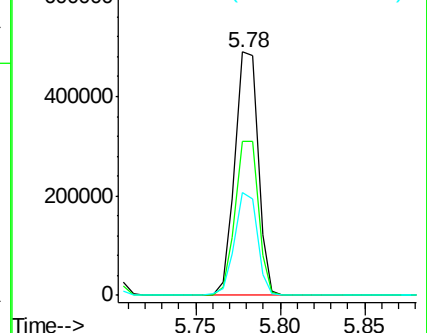
111 42.1 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.85 ng

RT: 5.95 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

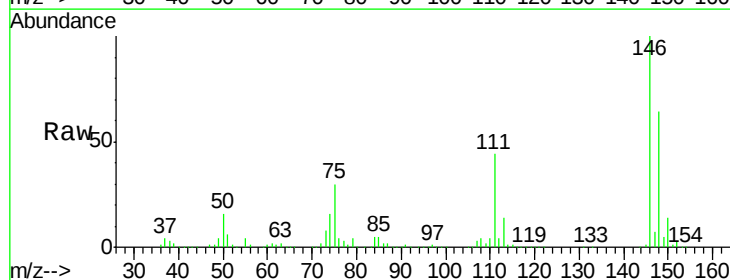
Tgt Ion:146 Resp: 425218

Ion Ratio Lower Upper

146 100

148 63.8 50.4 75.6

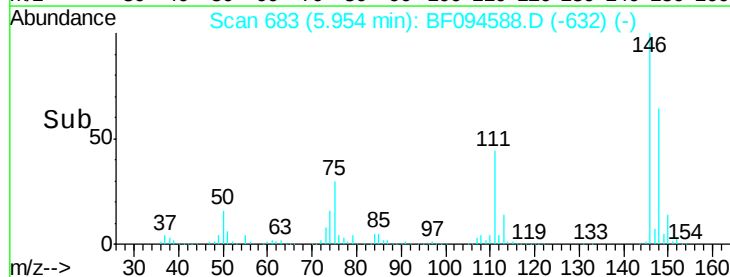
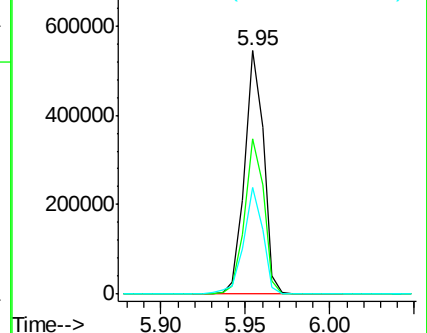
111 44.0 38.2 57.4

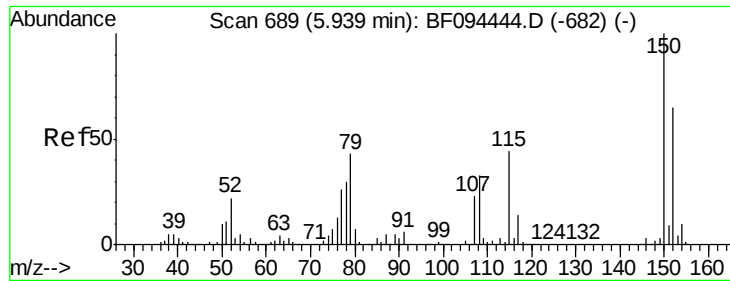


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

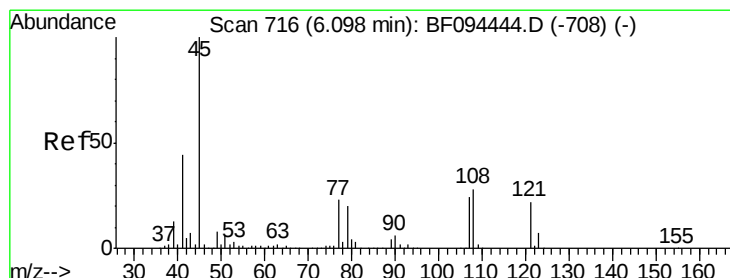
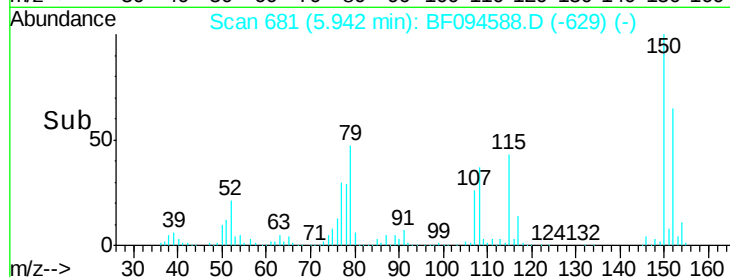
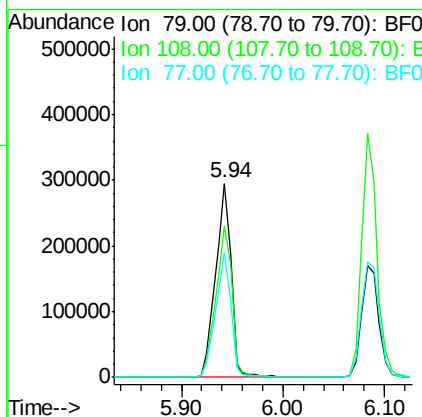
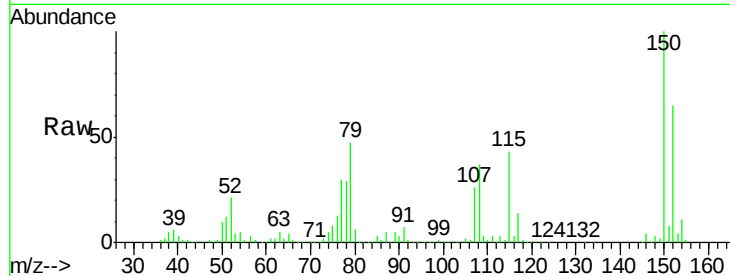




#15
Benzyl Alcohol
Concen: 39.76 ng
RT: 5.94 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF094588.D
Acq: 24 Apr 2017 16:36

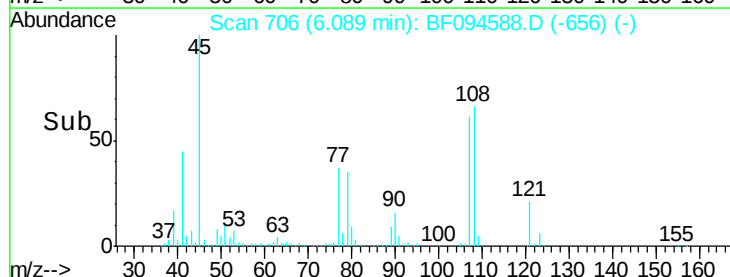
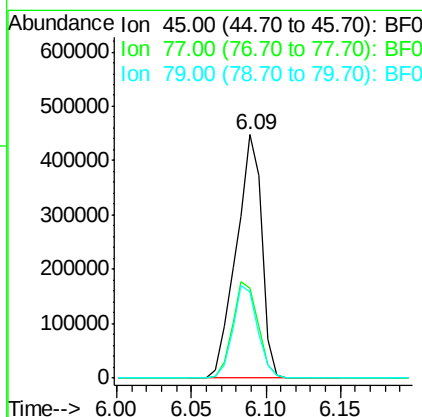
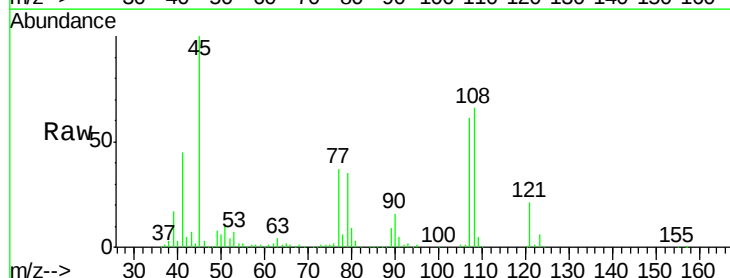
Instrument :
BNA_F
ClientSampled :
PB98421BS

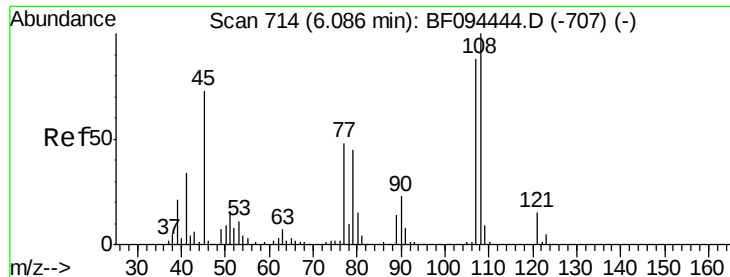
Tot Ion: 79 Resp: 317596
Ion Ratio Lower Upper
79 100
108 77.9 63.4 95.0
77 64.0 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.12 ng
RT: 6.09 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF094588.D
Acq: 24 Apr 2017 16:36

Tgt Ion: 45 Resp: 533665
Ion Ratio Lower Upper
45 100
77 37.0 0.0 33.2#
79 35.2 0.0 30.0#





#17

2-Methylphenol

Concen: 41.94 ng

RT: 6.08 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

Instrument :

BNA_F

ClientSampleId :

PB98421BS

Tot Ion:107 Resp: 343324

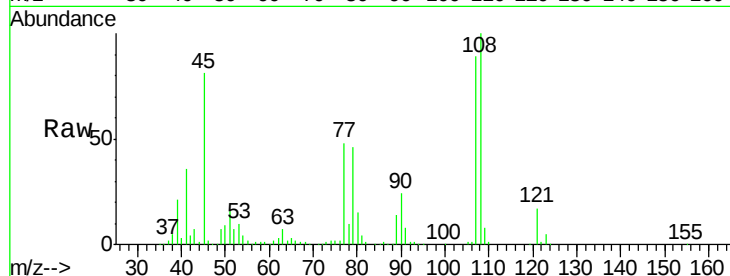
Ion Ratio Lower Upper

107 100

108 112.4 93.4 140.0

77 53.7 35.8 53.6#

79 51.5 34.8 52.2

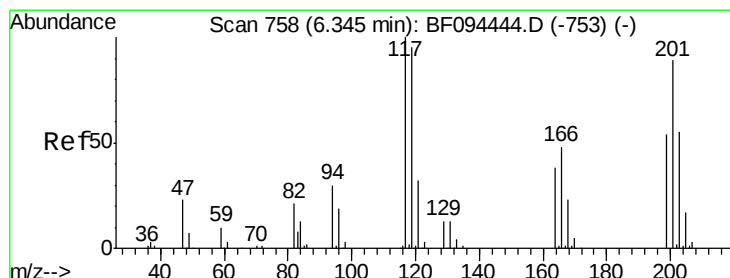
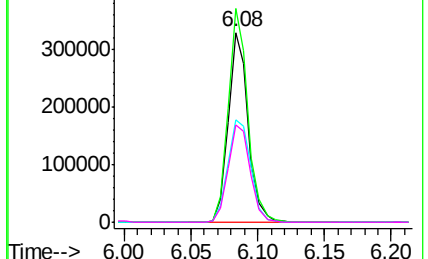
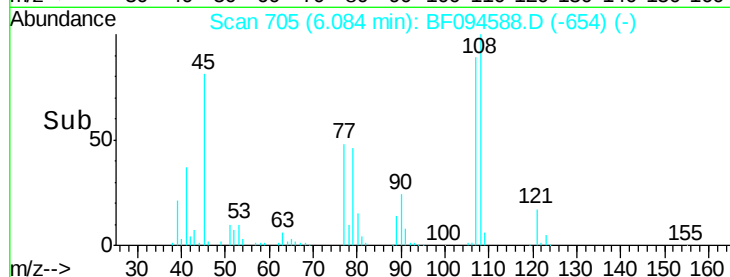


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.18 ng

RT: 6.34 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

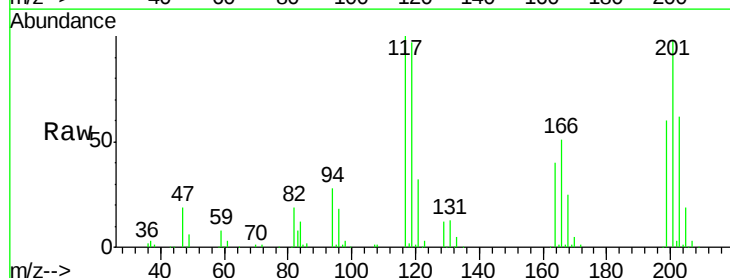
Tgt Ion:117 Resp: 151624

Ion Ratio Lower Upper

117 100

119 96.8 77.4 116.0

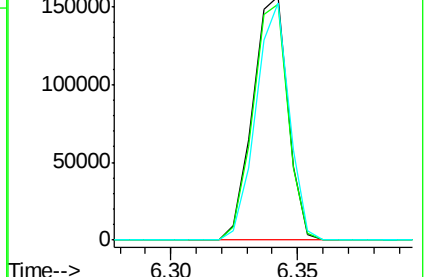
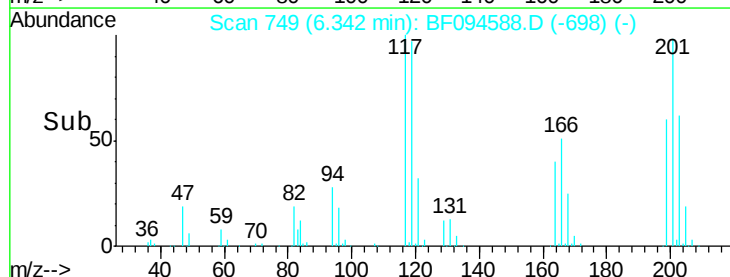
201 97.6 94.6 141.8

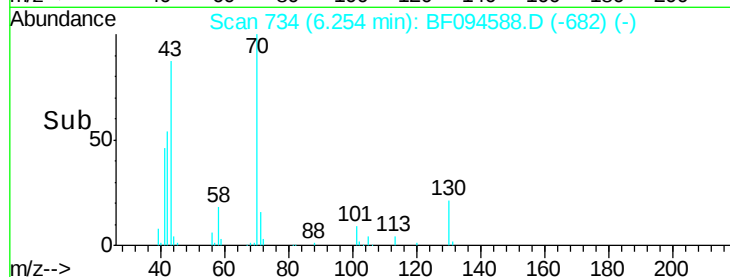
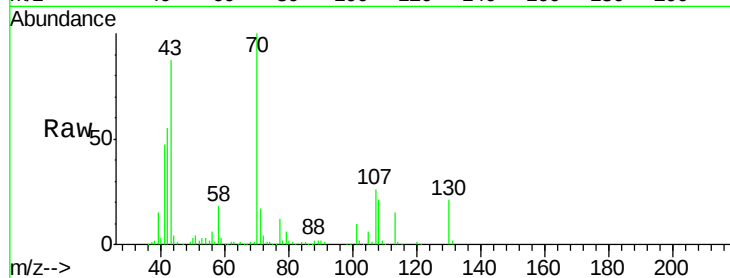
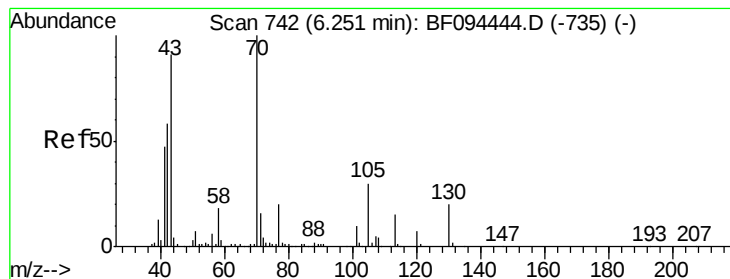


Abundance Ion 117.00 (116.70 to 117.70): E

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: 42.70 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

Instrument :

BNA_F

ClientSampleID :

PB98421BS

Tot Ion: 70 Resp: 304634

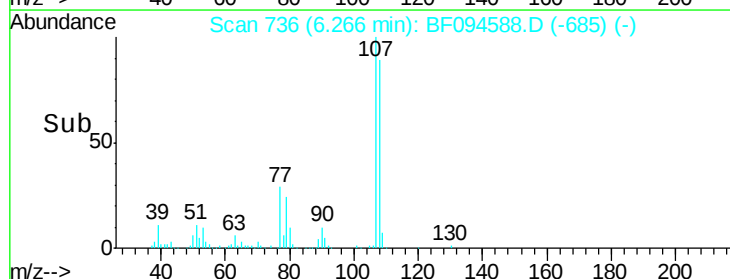
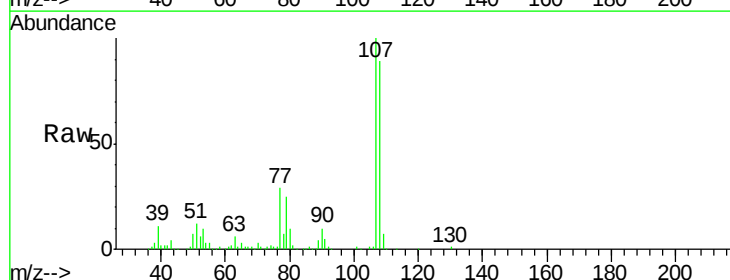
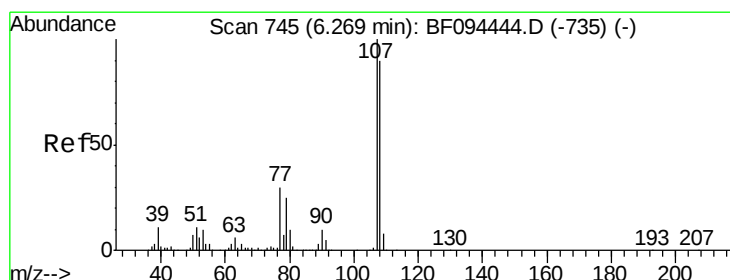
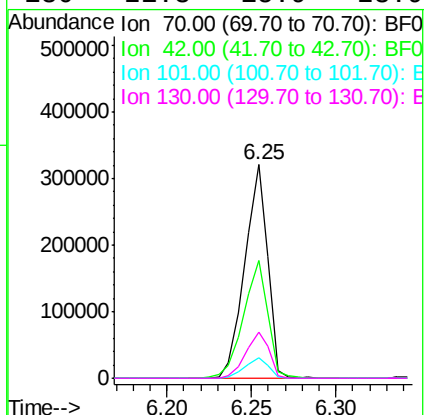
Ion Ratio Lower Upper

70 100

42 54.9 47.2 70.8

101 9.6 7.2 10.8

130 21.3 15.9 23.9



#20

3+4-Methylphenols

Concen: 41.94 ng

RT: 6.27 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

Tgt Ion:107 Resp: 466553

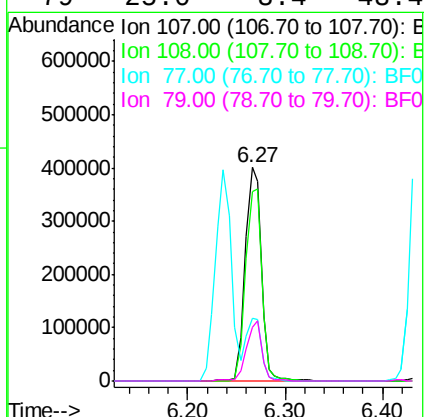
Ion Ratio Lower Upper

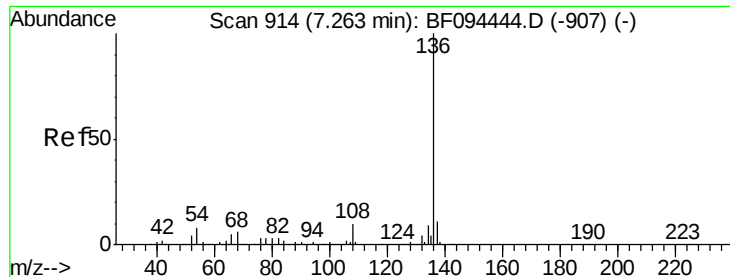
107 100

108 88.9 71.0 111.0

77 29.1 90.5 130.5#

79 25.0 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

Instrument :

BNA_F

ClientSampleId :

PB98421BS

Tot Ion:136 Resp: 576796

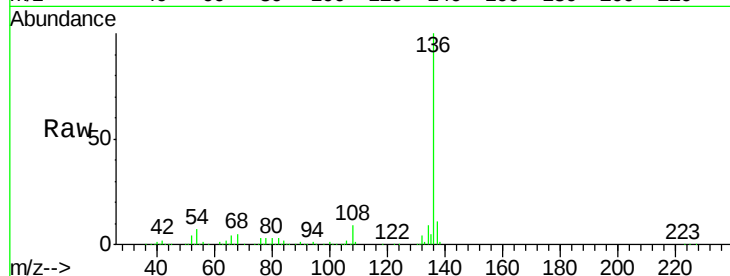
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.6 4.9 7.3

68 5.5 4.1 6.1

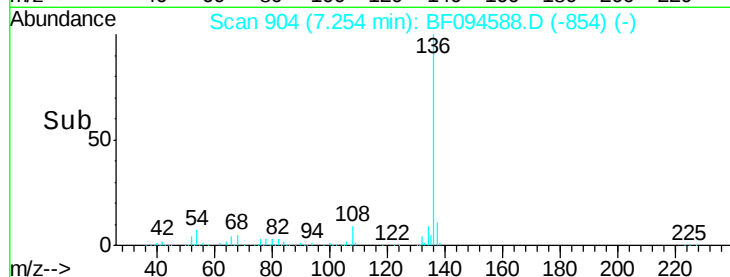


Abundance Ion 136.00 (135.70 to 136.70): E

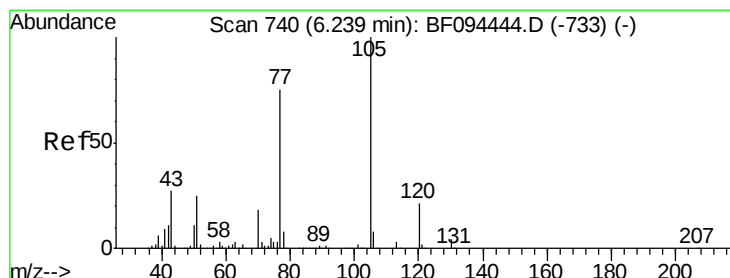
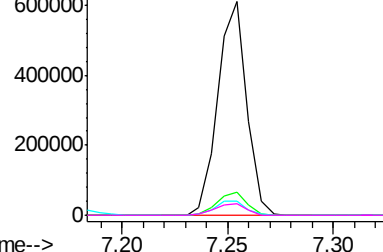
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 44.41 ng

RT: 6.24 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

Tgt Ion:105 Resp: 622786

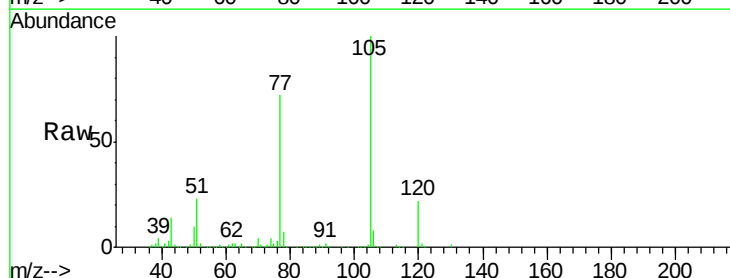
Ion Ratio Lower Upper

105 100

71 0.8 2.8 4.2#

51 23.4 30.7 46.1#

120 21.7 17.4 26.0

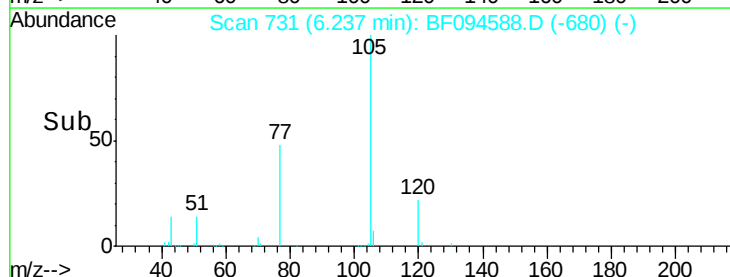


Abundance Ion 105.00 (104.70 to 105.70): E

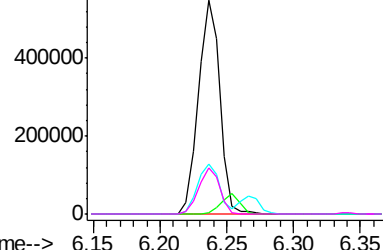
Ion 71.00 (70.70 to 71.70): BF0

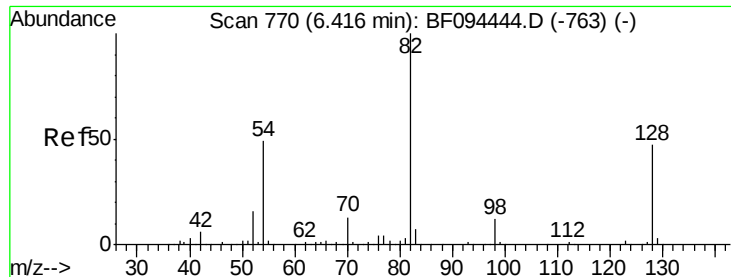
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

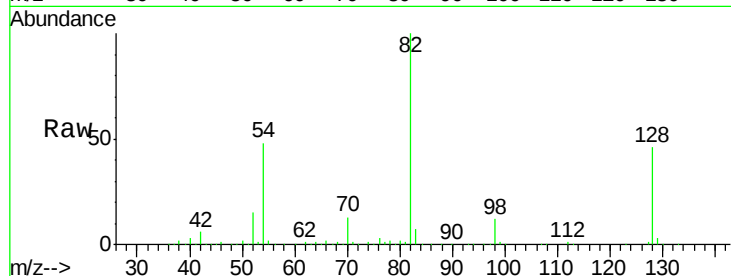




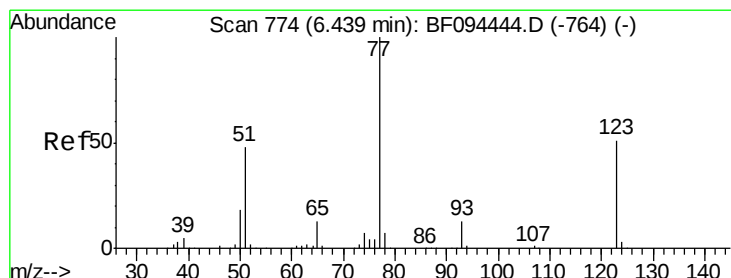
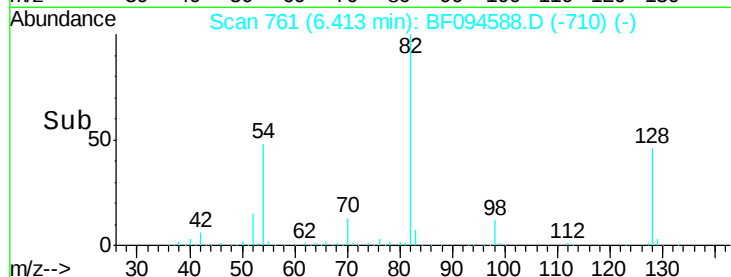
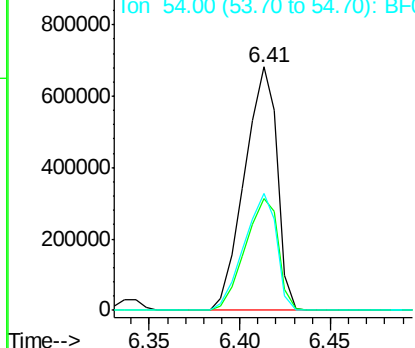
#23
Nitrobenzene-d5
Concen: 91.18 ng
RT: 6.41 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF094588.D
Acq: 24 Apr 2017 16:36

Instrument :
BNA_F
ClientSampleId :
PB98421BS

Tot Ion: 82 Resp: 851750
Ion Ratio Lower Upper
82 100
128 45.7 34.0 51.0
54 47.8 42.2 63.2

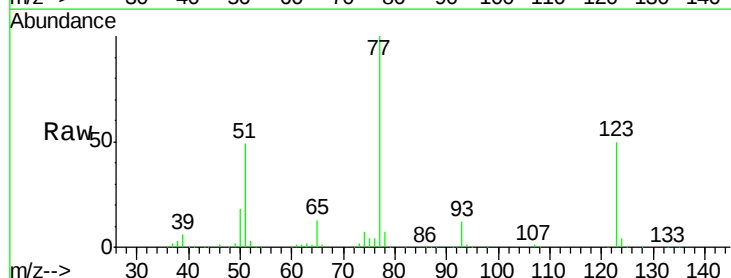


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

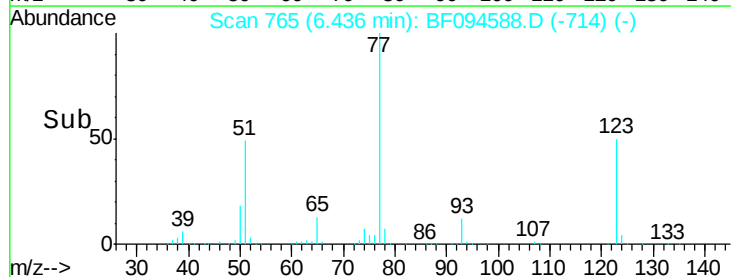
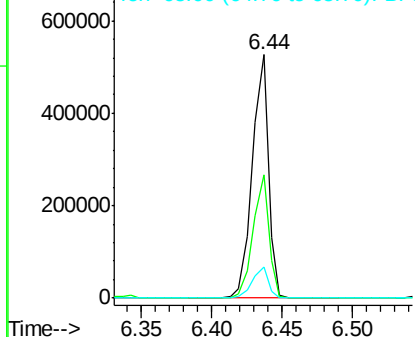


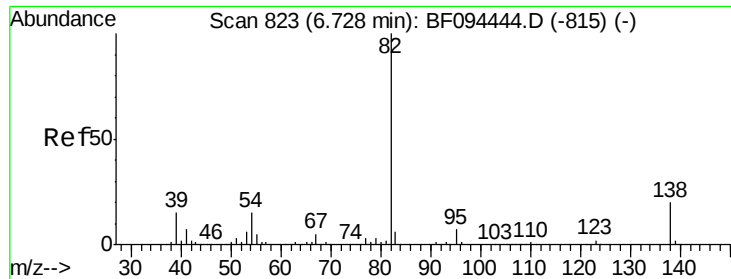
#24
Nitrobenzene
Concen: 43.47 ng
RT: 6.44 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF094588.D
Acq: 24 Apr 2017 16:36

Tgt Ion: 77 Resp: 427573
Ion Ratio Lower Upper
77 100
123 50.4 35.8 53.8
65 12.8 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 45.30 ng

RT: 6.72 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

Instrument :

BNA_F

ClientSampleId :

PB98421BS

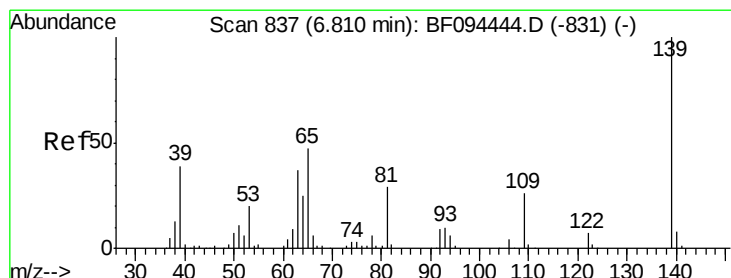
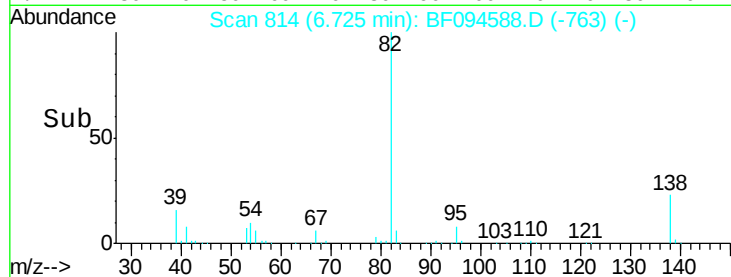
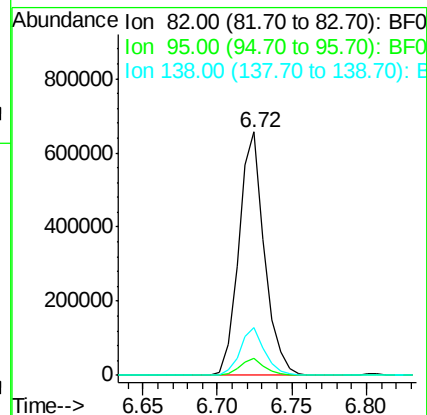
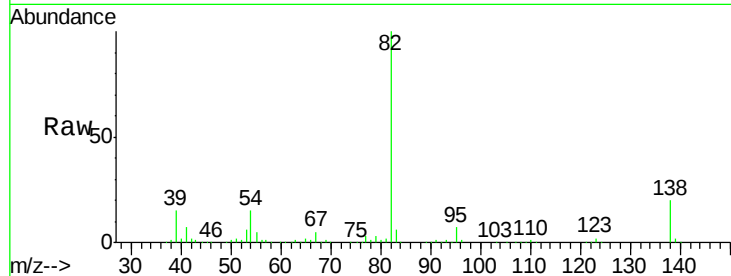
Tot Ion: 82 Resp: 784471

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 19.7 13.1 19.7#



#26

2-Nitrophenol

Concen: 42.09 ng

RT: 6.81 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

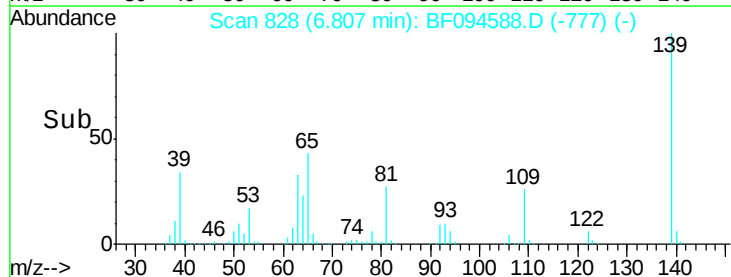
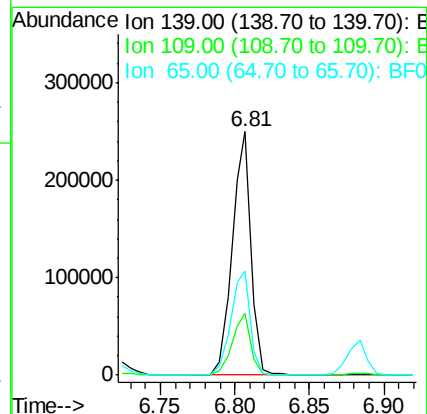
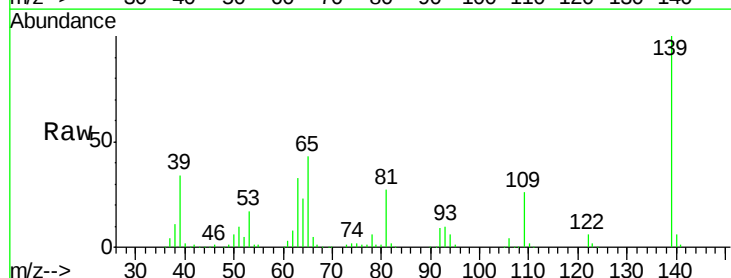
Tgt Ion: 139 Resp: 222455

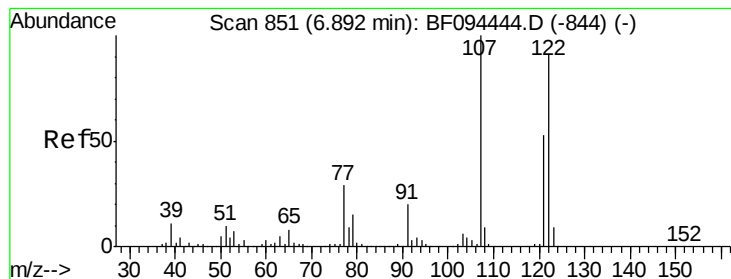
Ion Ratio Lower Upper

139 100

109 25.5 21.0 31.6

65 43.0 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 43.72 ng

RT: 6.88 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

Instrument :

BNA_F

ClientSampleId :

PB98421BS

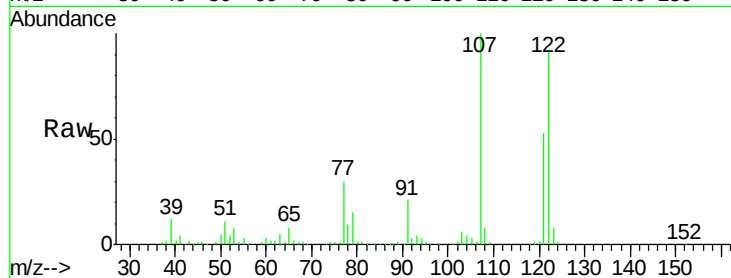
Tot Ion:122 Resp: 375296

Ion Ratio Lower Upper

122 100

107 108.9 89.2 133.8

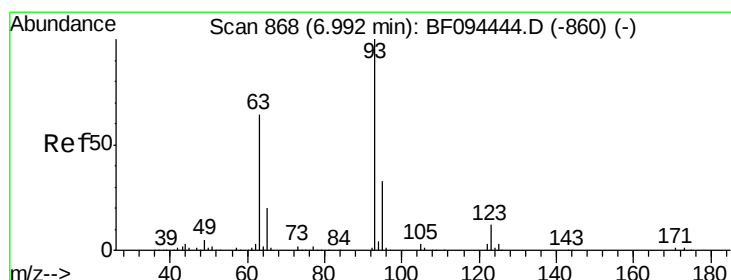
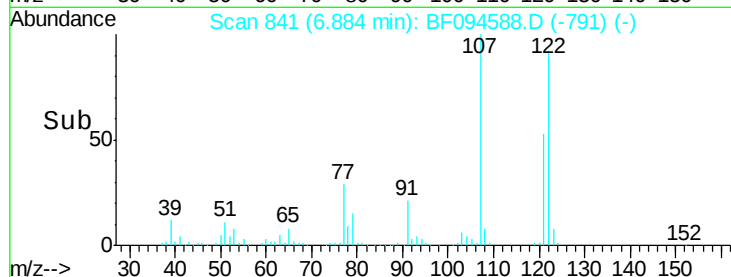
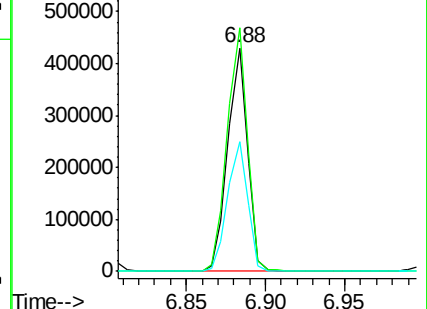
121 58.0 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.30 ng

RT: 6.98 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

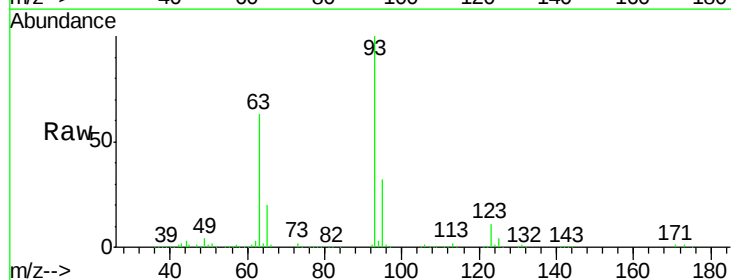
Tgt Ion: 93 Resp: 507434

Ion Ratio Lower Upper

93 100

95 32.2 26.5 39.7

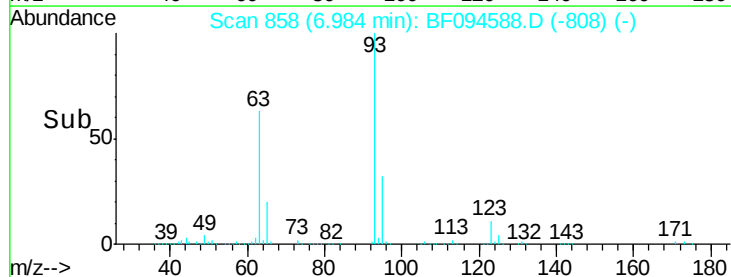
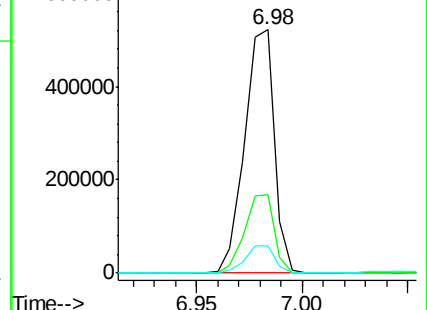
123 11.1 9.0 13.4

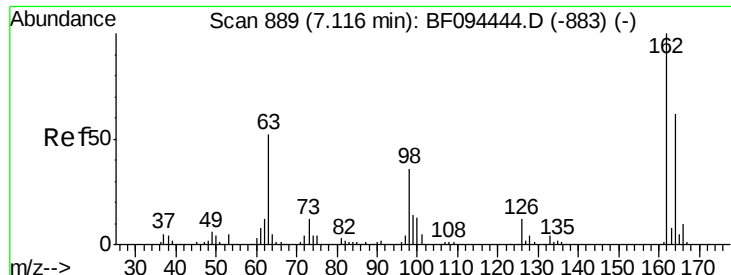


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

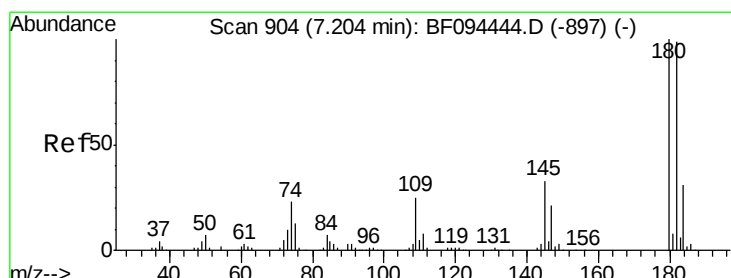
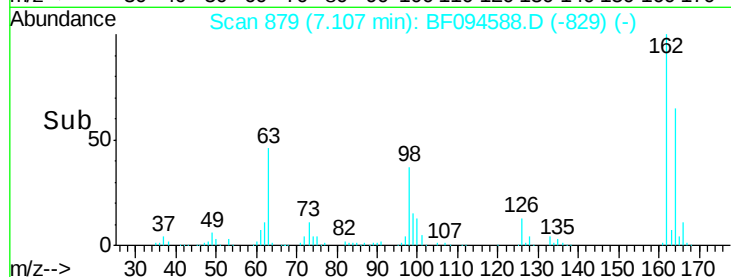
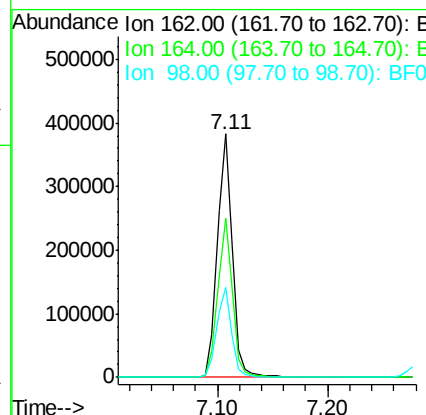
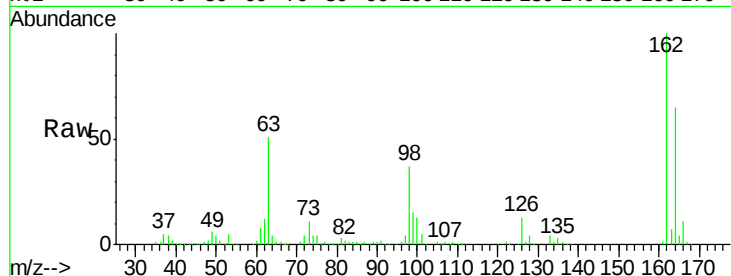




#29
 2,4-Dichlorophenol
 Concen: 44.44 ng
 RT: 7.11 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF094588.D
 Acq: 24 Apr 2017 16:36

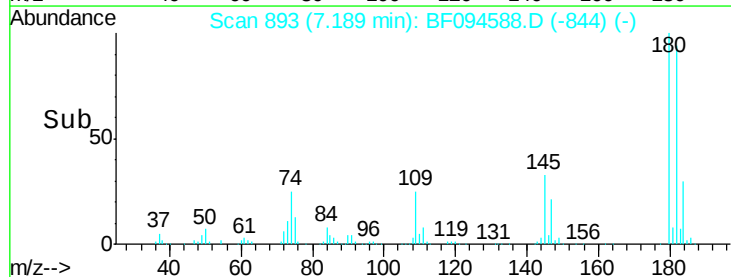
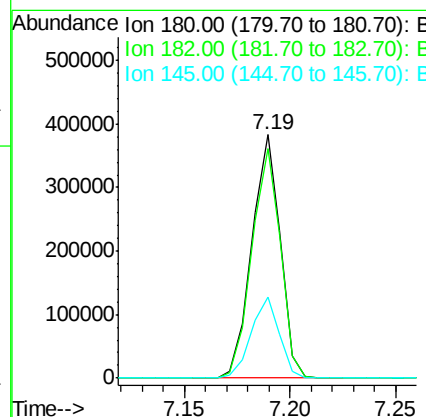
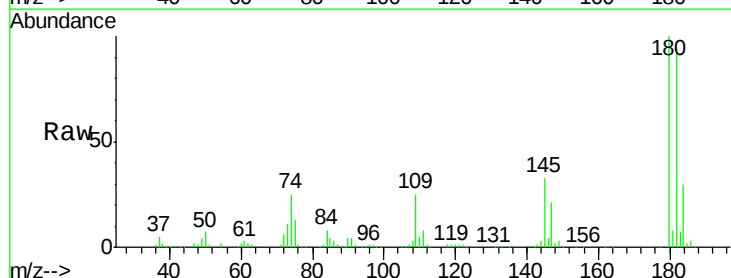
Instrument :
 BNA_F
 ClientSampleId :
 PB98421BS

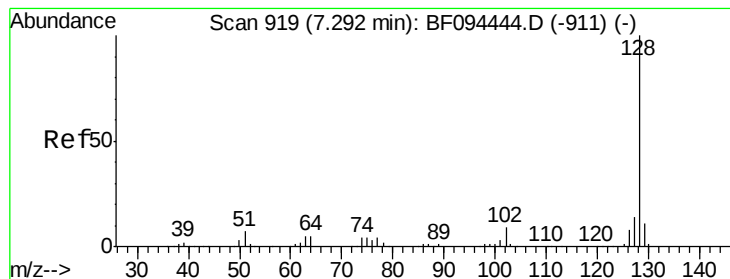
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.6	84.6
98	37.0	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 43.15 ng
 RT: 7.19 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF094588.D
 Acq: 24 Apr 2017 16:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.8	113.6
145	33.2	25.3	37.9





#31

Naphthalene

Concen: 42.48 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

Instrument :

BNA_F

ClientSampleId :

PB98421BS

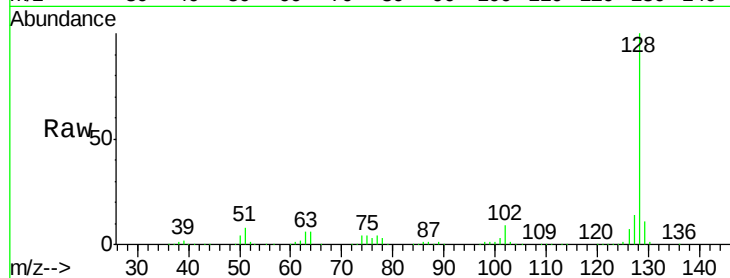
Tot Ion:128 Resp: 1177853

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

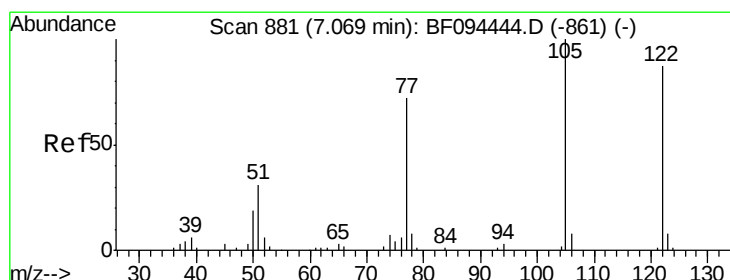
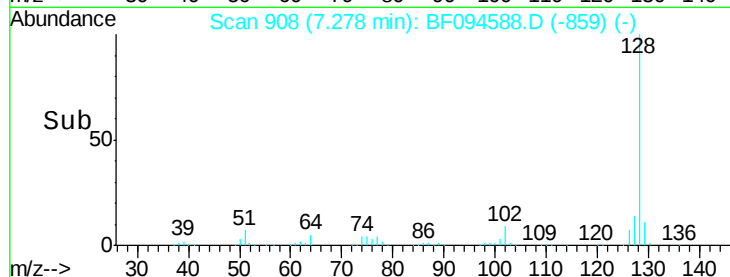
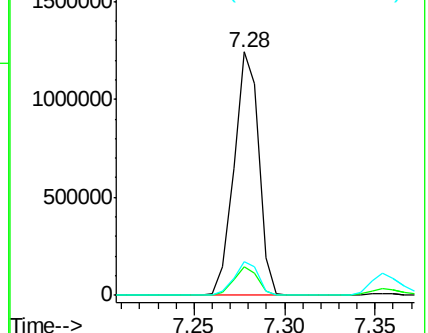
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.37 ng

RT: 7.08 min Scan# 874

Delta R.T. 0.01 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

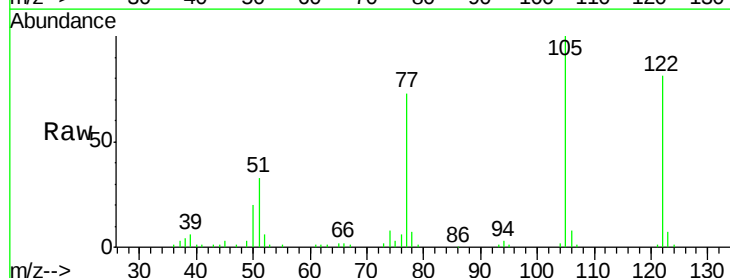
Tgt Ion:122 Resp: 196894

Ion Ratio Lower Upper

122 100

105 123.5 103.3 143.3

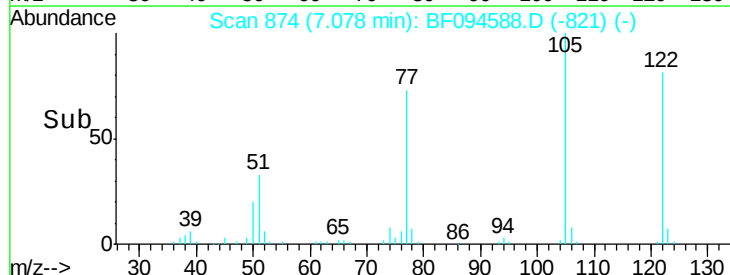
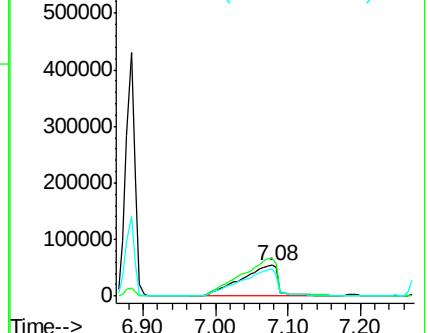
77 90.3 73.7 113.7

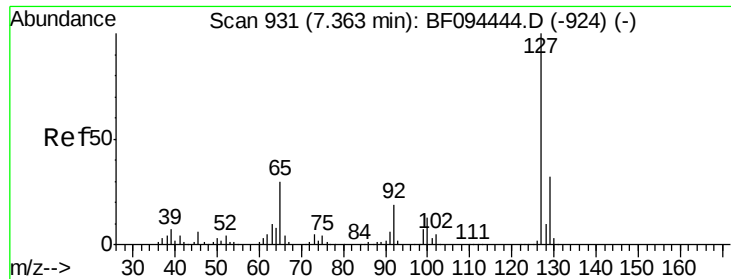


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

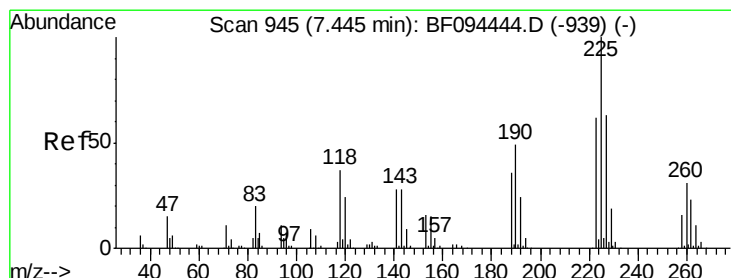
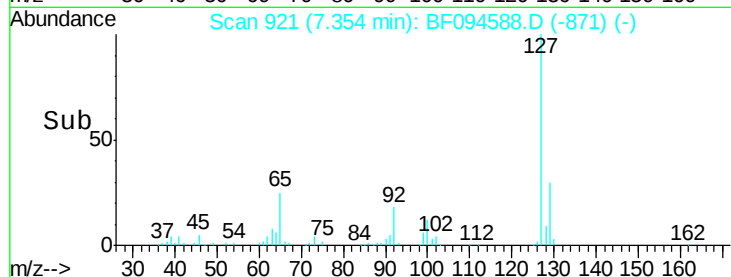
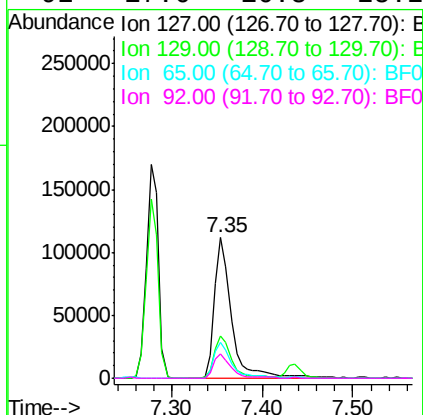
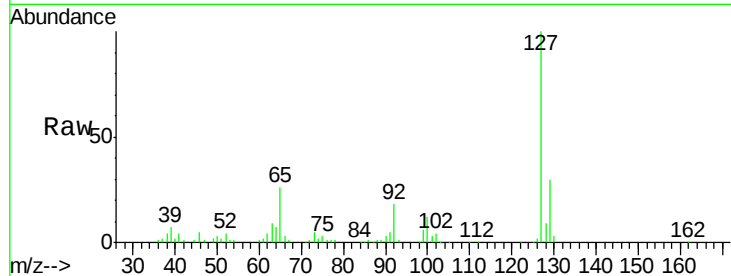




#33
 4-Chloroaniline
 Concen: 12.86 ng
 RT: 7.35 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF094588.D
 Acq: 24 Apr 2017 16:36

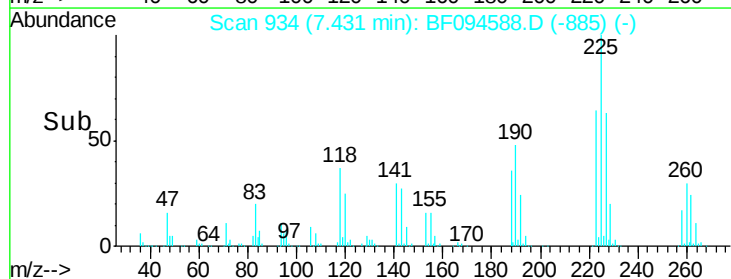
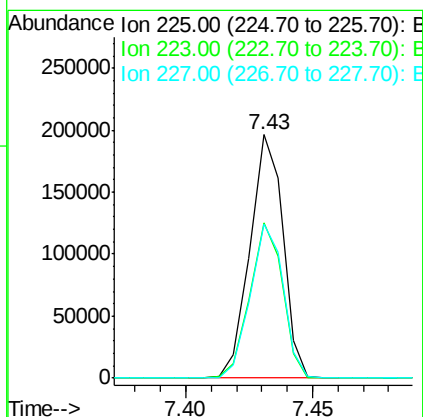
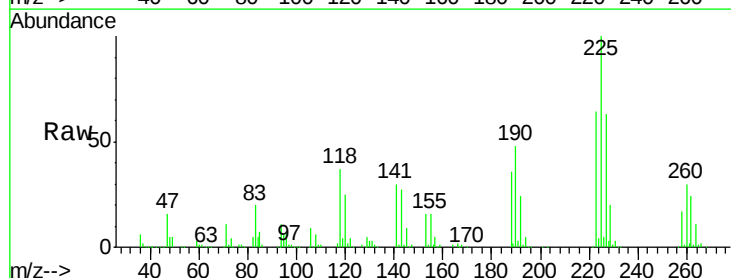
Instrument :
 BNA_F
 ClientSampleId :
 PB98421BS

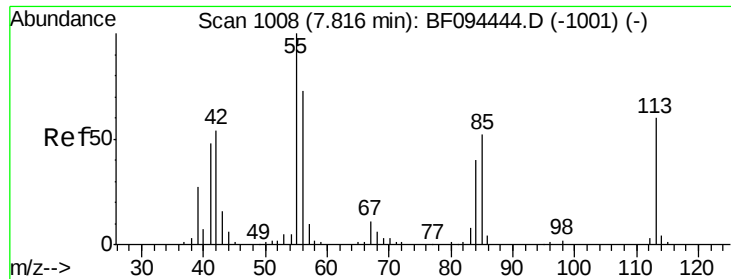
Tot Ion:	127	Resp:	148312
Ion	Ratio	Lower	Upper
127	100		
129	30.3	26.2	39.2
65	25.8	27.8	41.8#
92	17.6	16.8	25.2



#34
 Hexachlorobutadiene
 Concen: 43.47 ng
 RT: 7.43 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: BF094588.D
 Acq: 24 Apr 2017 16:36

Tgt Ion:	225	Resp:	178912
Ion	Ratio	Lower	Upper
225	100		
223	63.6	48.8	73.2
227	63.0	51.1	76.7

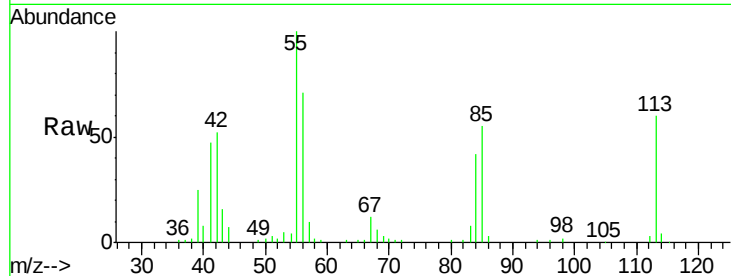




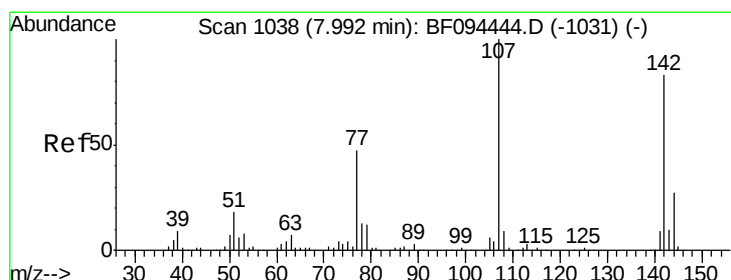
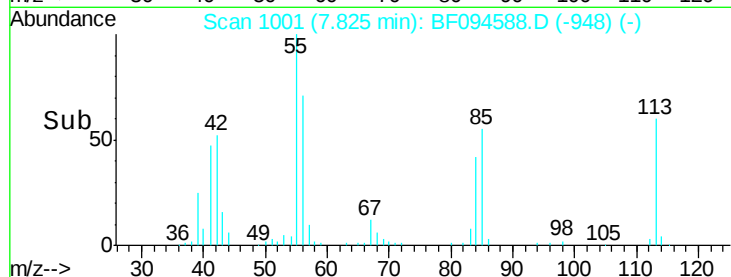
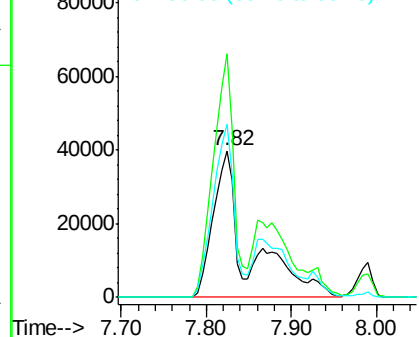
#35
 Caprolactam
 Concen: 44.81 ng/ml
 RT: 7.82 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: BF094588.D
 Acq: 24 Apr 2017 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB98421BS

Tot Ion:113 Resp: 112420
 Ion Ratio Lower Upper
 113 100
 55 166.3 150.2 190.2
 56 118.3 107.8 147.8

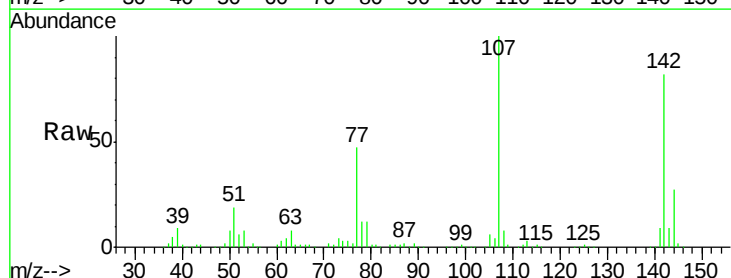


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

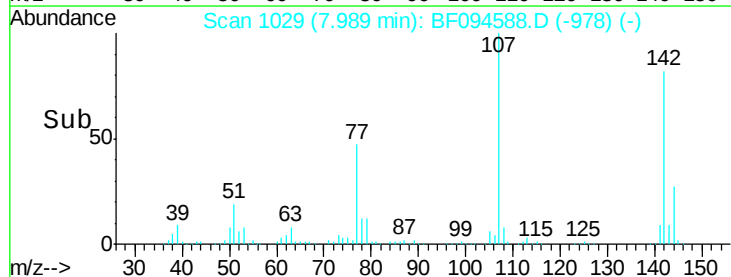
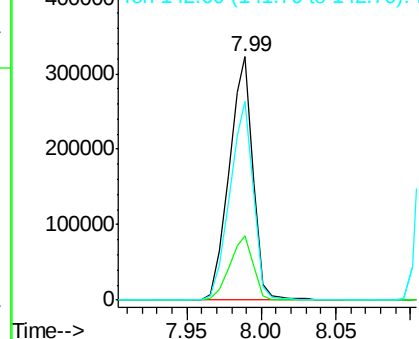


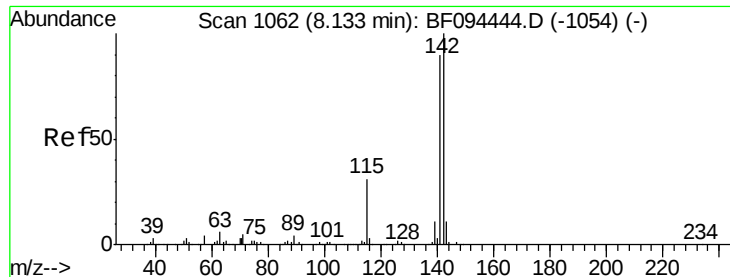
#36
 4-Chloro-3-methylphenol
 Concen: 43.29 ng/ml
 RT: 7.99 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BF094588.D
 Acq: 24 Apr 2017 16:36

Tgt Ion:107 Resp: 362263
 Ion Ratio Lower Upper
 107 100
 144 26.7 24.2 36.4
 142 81.8 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

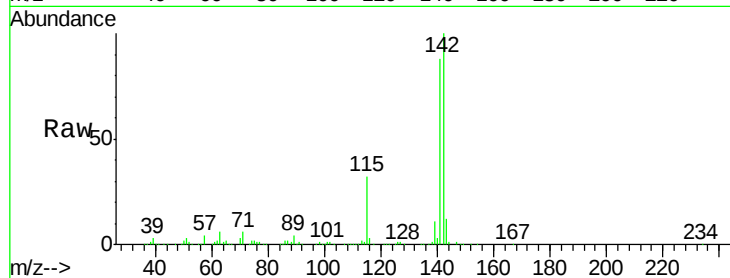




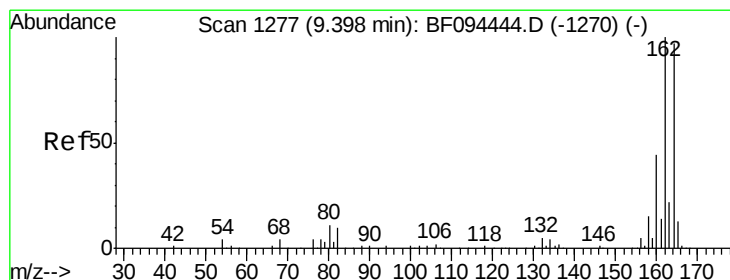
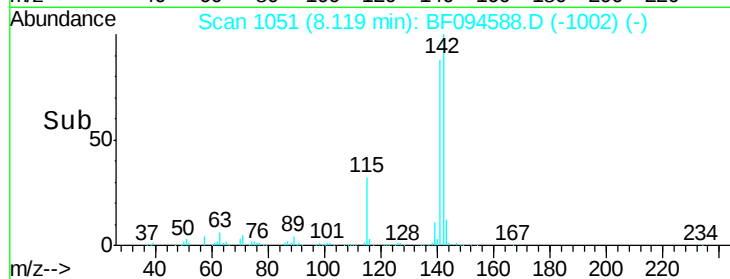
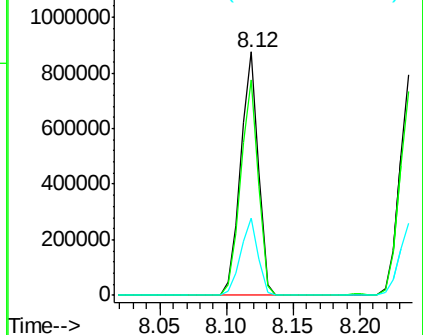
#37
 2-Methylnaphthalene
 Concen: 42.52 ng
 RT: 8.12 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF094588.D
 Acq: 24 Apr 2017 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB98421BS

Tot Ion:142 Resp: 806651
 Ion Ratio Lower Upper
 142 100
 141 88.5 71.3 106.9
 115 31.9 27.1 40.7

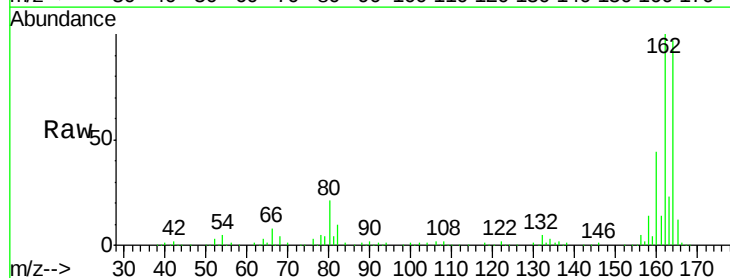


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

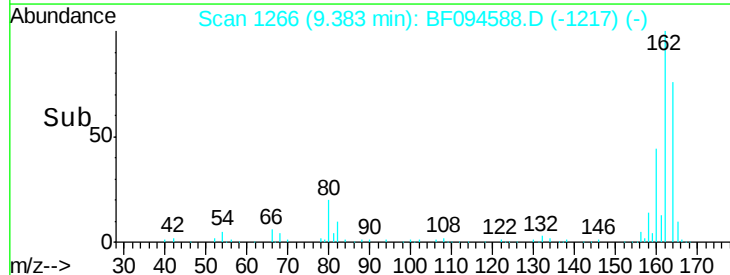
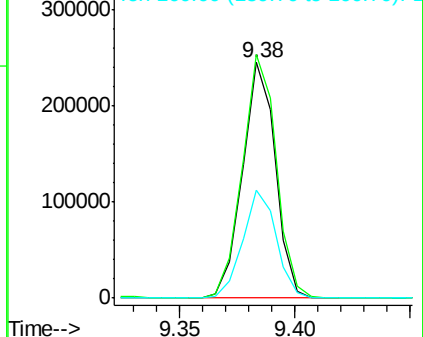


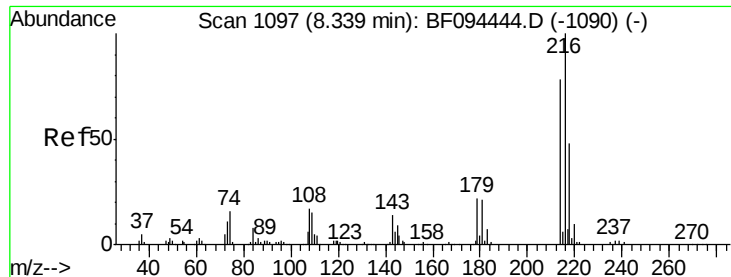
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF094588.D
 Acq: 24 Apr 2017 16:36

Tgt Ion:164 Resp: 244119
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.6 123.8
 160 45.9 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

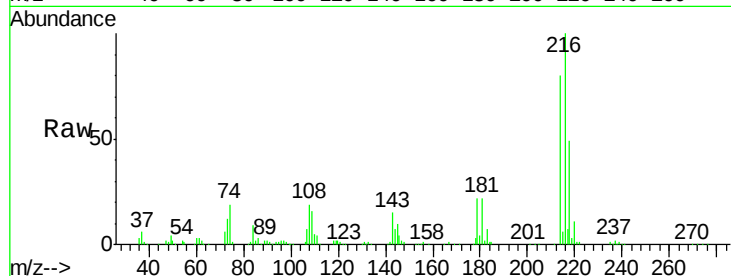




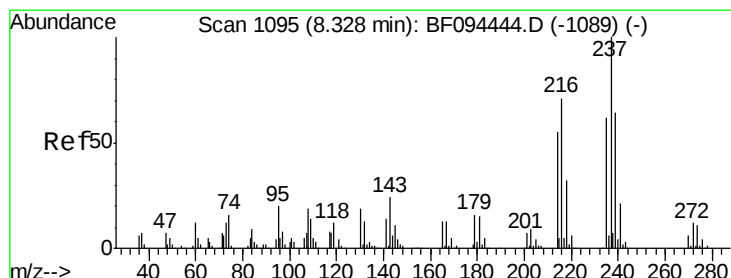
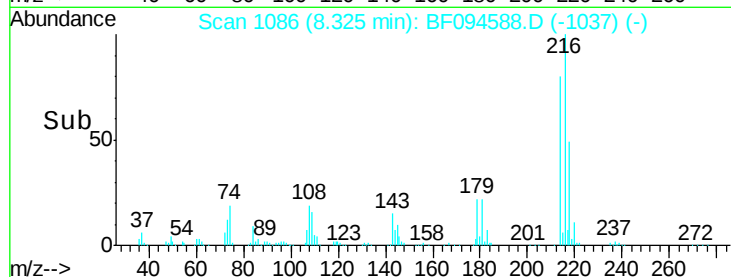
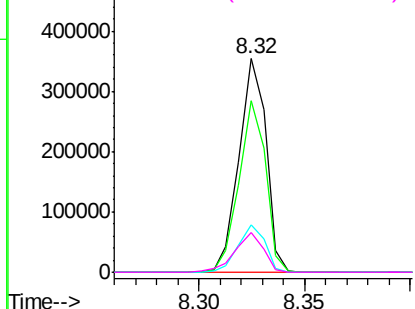
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.24 ng
 RT: 8.32 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BF094588.D
 Acq: 24 Apr 2017 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB98421BS

Tot Ion:216	Resp:	314491
Ion Ratio	Lower	Upper
216	100	
214	79.2	63.4 95.2
179	22.1	17.9 26.9
108	19.4	16.5 24.7

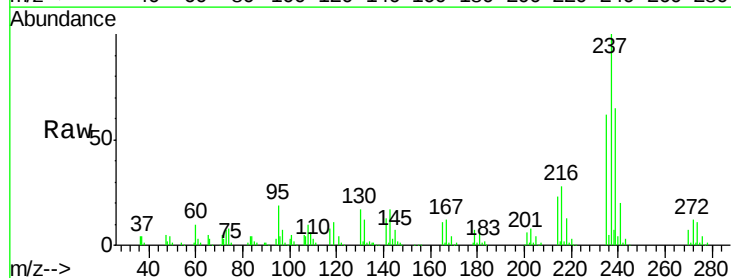


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

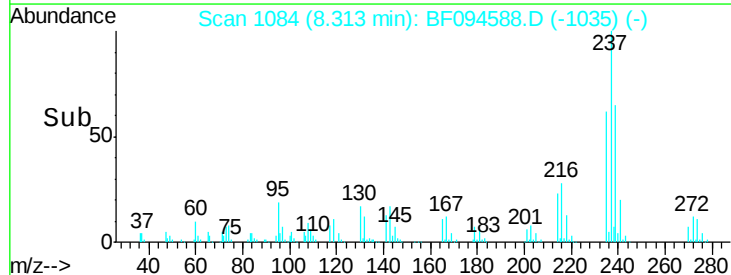
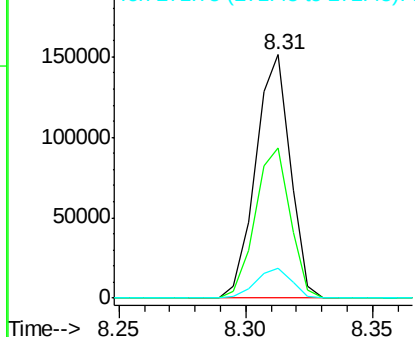


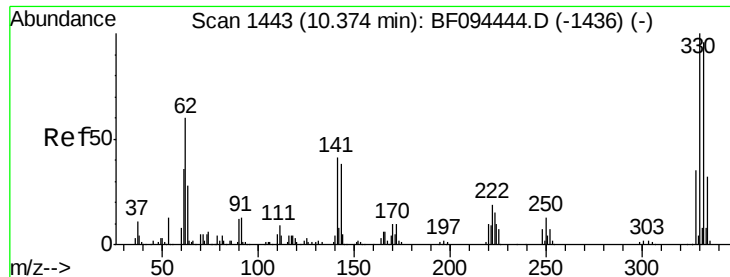
#40
 Hexachlorocyclopentadiene
 Concen: 51.40 ng
 RT: 8.31 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BF094588.D
 Acq: 24 Apr 2017 16:36

Tgt Ion:237	Resp:	144533
Ion Ratio	Lower	Upper
237	100	
235	61.8	42.6 82.6
272	12.5	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: 127.43 ng

RT: 10.37 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

Instrument :

BNA_F

ClientSampleId :

PB98421BS

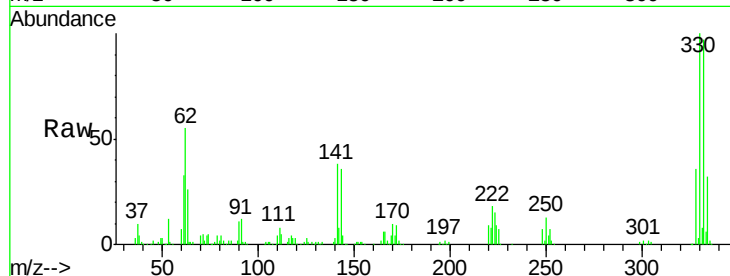
Tot Ion:330 Resp: 243318

Ion Ratio Lower Upper

330 100

332 95.3 76.6 115.0

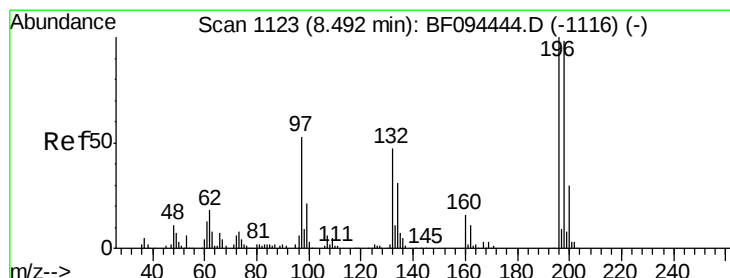
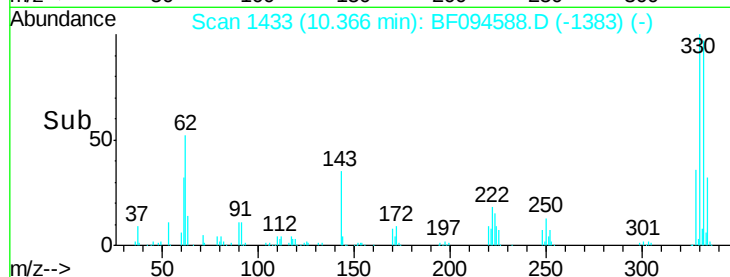
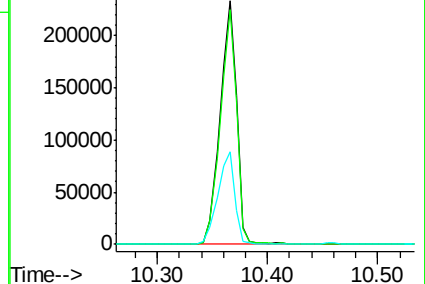
141 38.7 31.4 47.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 46.25 ng

RT: 8.48 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

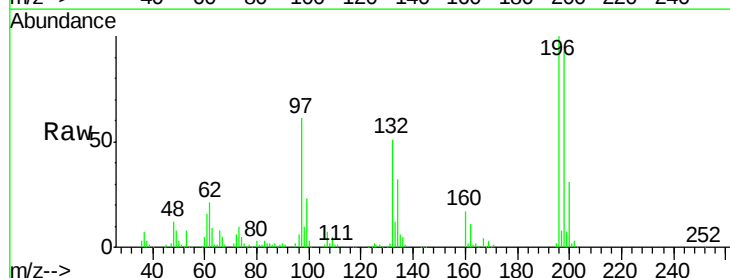
Tgt Ion:196 Resp: 225777

Ion Ratio Lower Upper

196 100

198 93.2 74.2 111.4

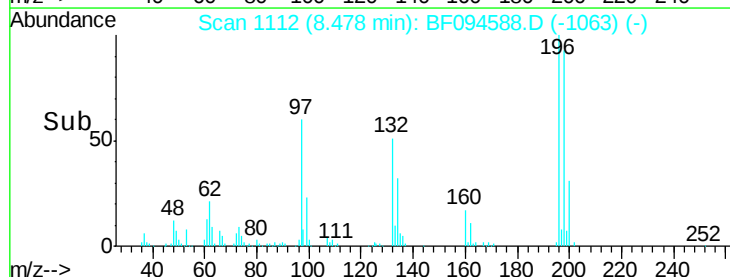
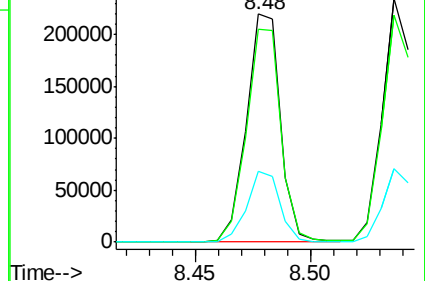
200 31.0 24.0 36.0

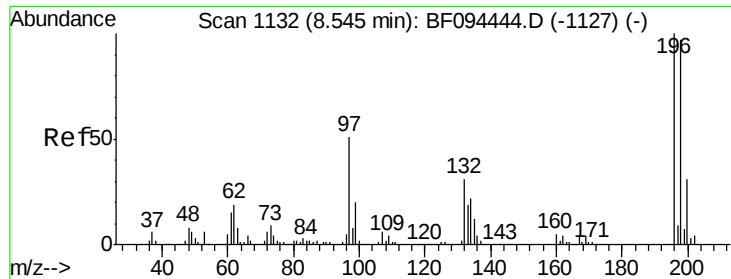


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

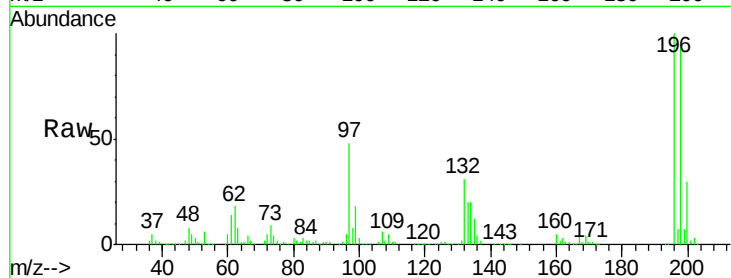




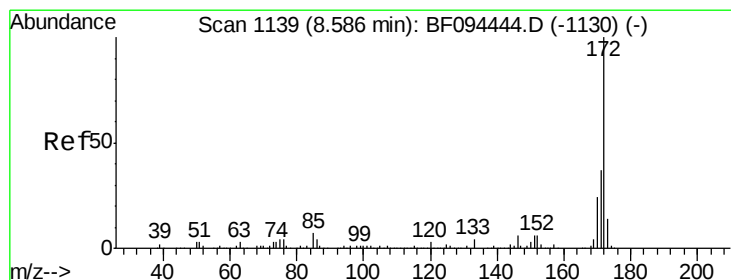
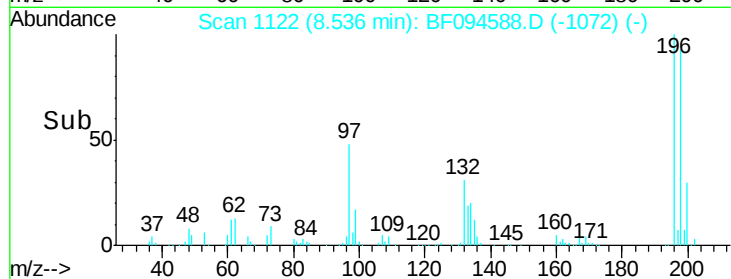
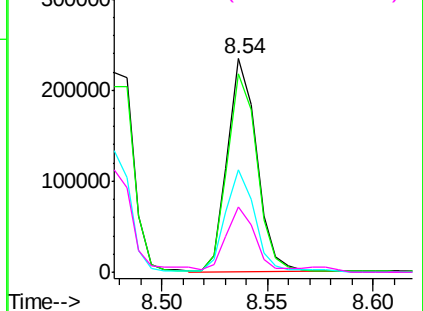
#43
 2,4,5-Trichlorophenol
 Concen: 44.83 ng
 RT: 8.54 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF094588.D
 Acq: 24 Apr 2017 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB98421BS

Tot Ion	196	Resp	224760
Ion Ratio	Lower	Upper	
196	100		
198	93.0	75.7	113.5
97	48.3	47.7	71.5
132	30.8	28.0	42.0

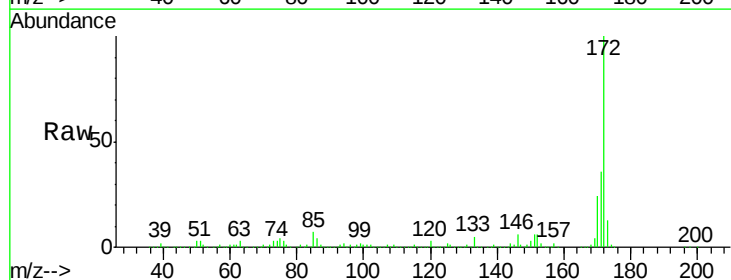


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

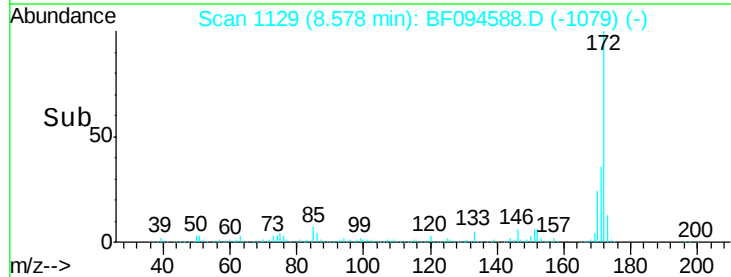
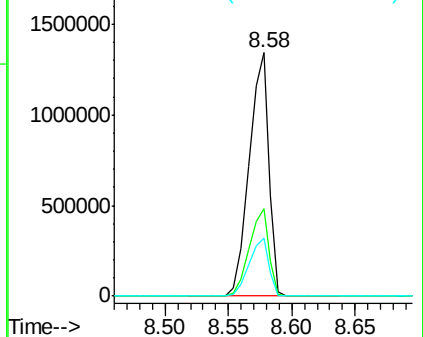


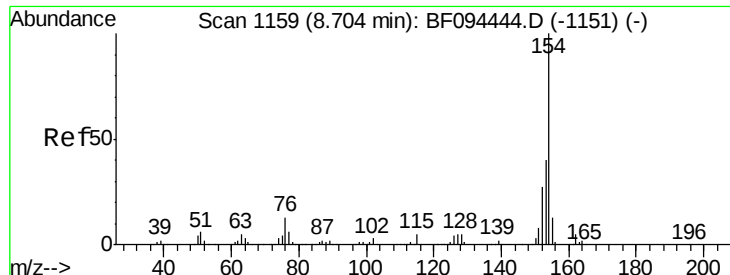
#44
 2-Fluorobiphenyl
 Concen: 87.58 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094588.D
 Acq: 24 Apr 2017 16:36

Tgt Ion	172	Resp	1453122
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.6	44.4
170	23.7	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: 43.56 ng

RT: 8.70 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

Instrument :

BNA_F

ClientSampleId :

PB98421BS

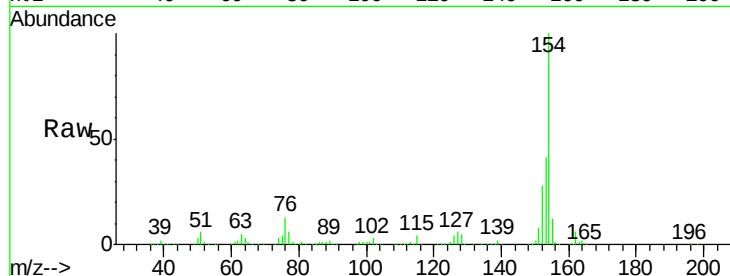
Tot Ion:154 Resp: 868779

Ion Ratio Lower Upper

154 100

153 40.9 21.2 61.2

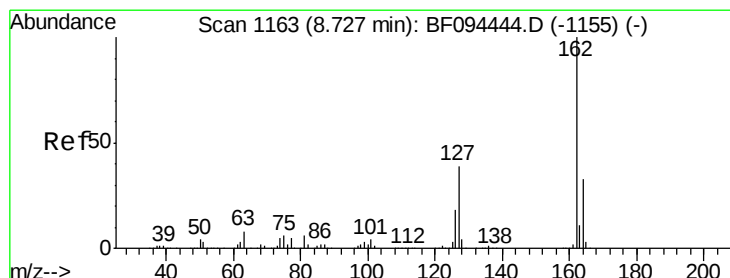
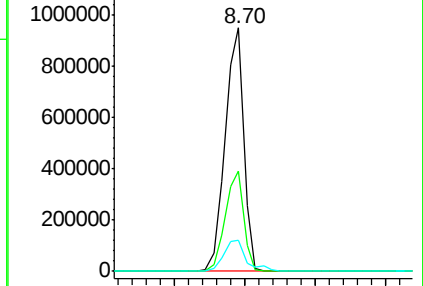
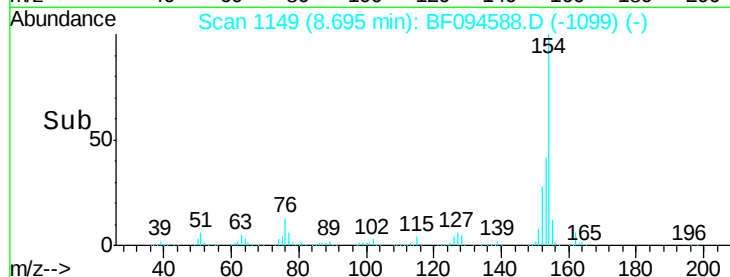
76 12.6 0.0 29.9



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: 44.45 ng

RT: 8.71 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

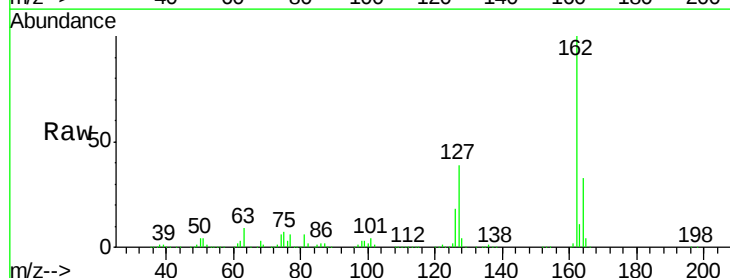
Tgt Ion:162 Resp: 704997

Ion Ratio Lower Upper

162 100

127 39.3 28.3 42.5

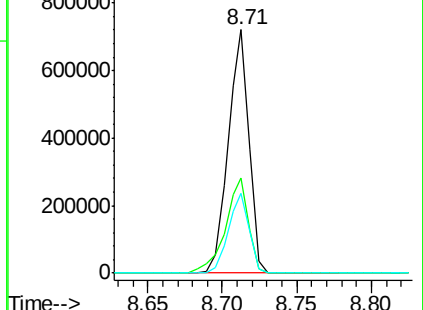
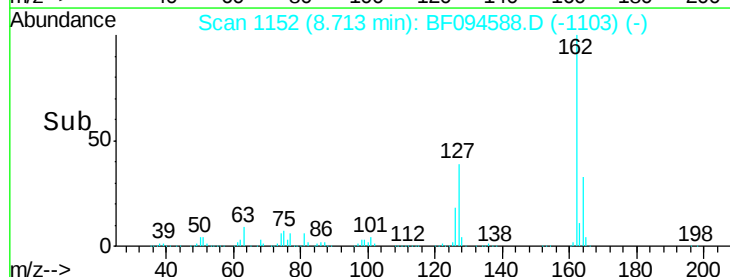
164 32.9 27.0 40.4

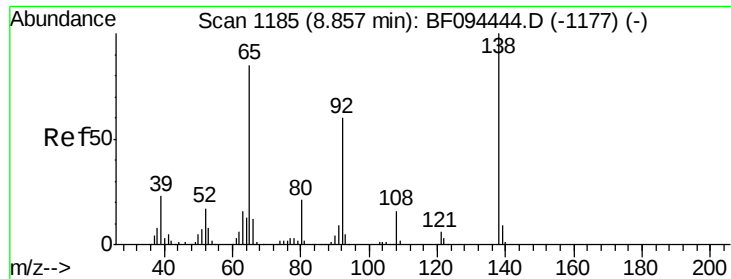


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

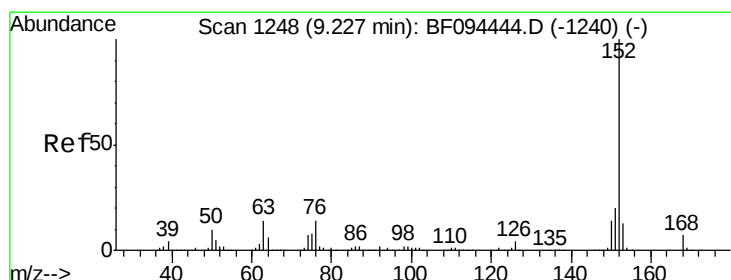
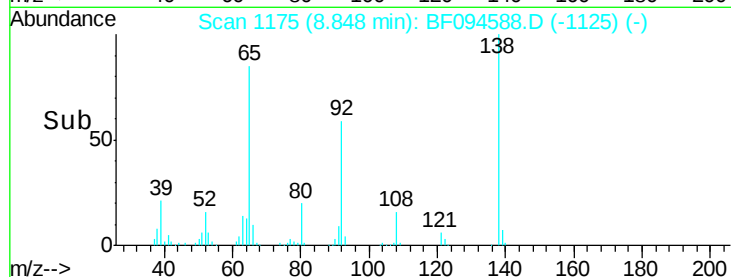
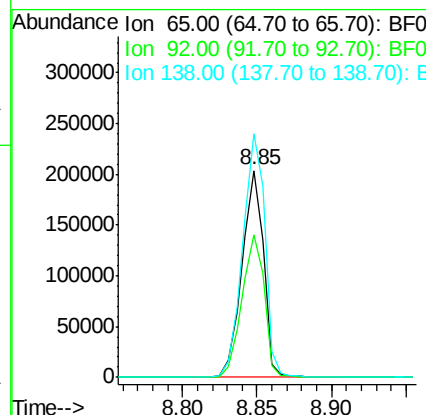
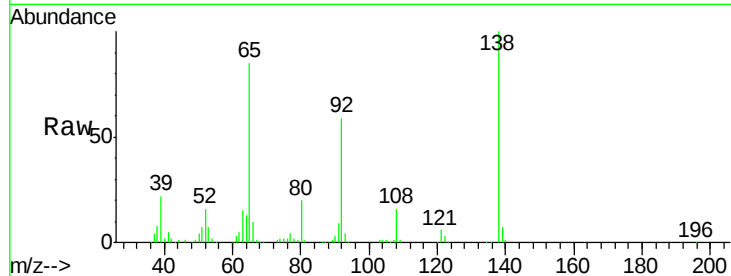




#47
2-Nitroaniline
Concen: 45.19 ng
RT: 8.85 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF094588.D
Acq: 24 Apr 2017 16:36

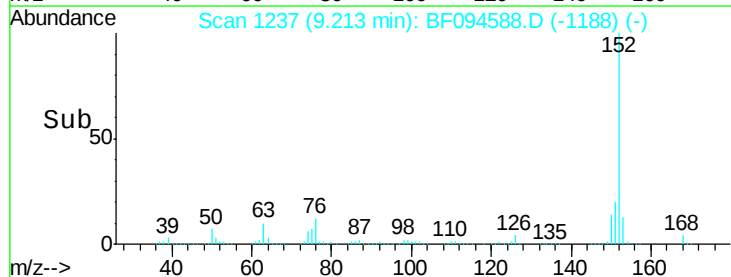
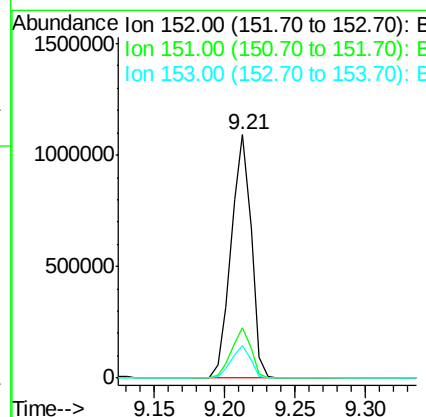
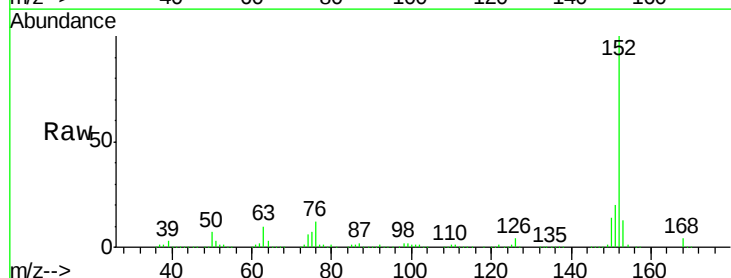
Instrument :
BNA_F
ClientSampleId :
PB98421BS

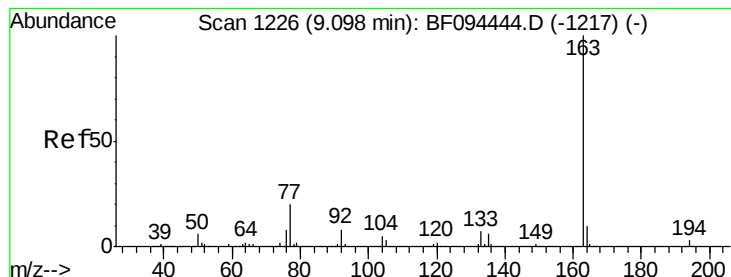
Tot Ion: 65 Resp: 206144
Ion Ratio Lower Upper
65 100
92 68.9 53.9 80.9
138 117.6 78.8 118.2



#48
Acenaphthylene
Concen: 43.57 ng
RT: 9.21 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF094588.D
Acq: 24 Apr 2017 16:36

Tgt Ion: 152 Resp: 1077240
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2
153 13.4 10.8 16.2





#49

Dimethylphthalate

Concen: 48.40 ng

RT: 9.09 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

Instrument :

BNA_F

ClientSampleId :

PB98421BS

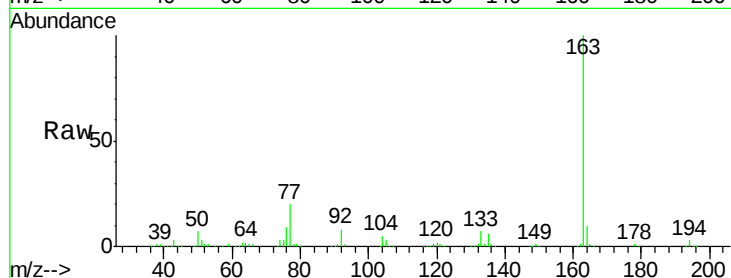
Tot Ion:163 Resp: 880591

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

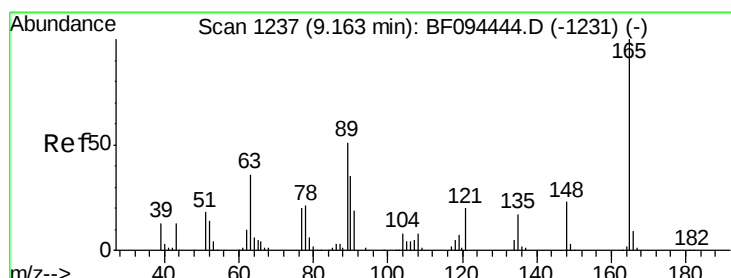
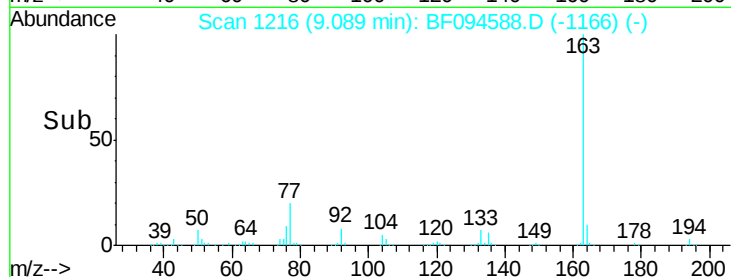
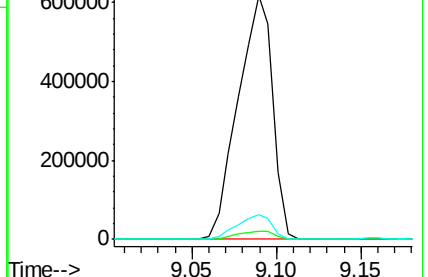
164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.26 ng

RT: 9.15 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

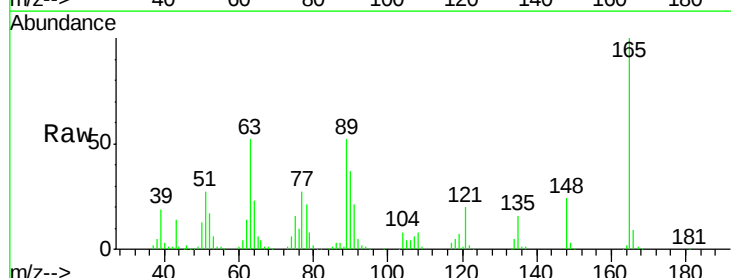
Tgt Ion:165 Resp: 184815

Ion Ratio Lower Upper

165 100

63 52.4 34.3 51.5#

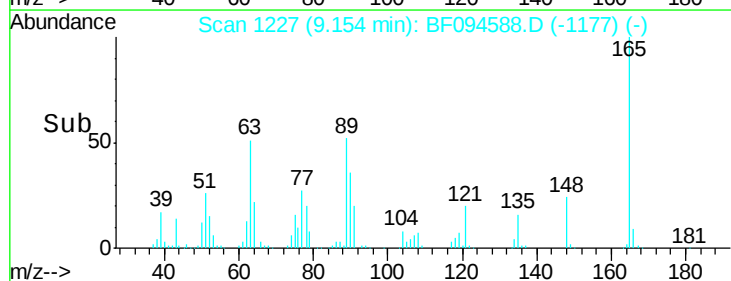
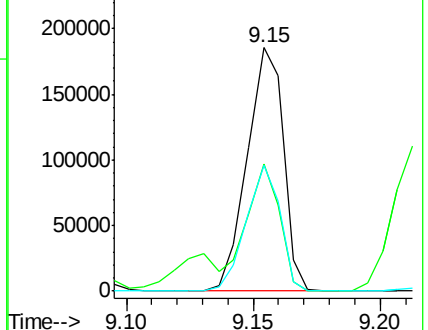
89 51.9 37.1 55.7

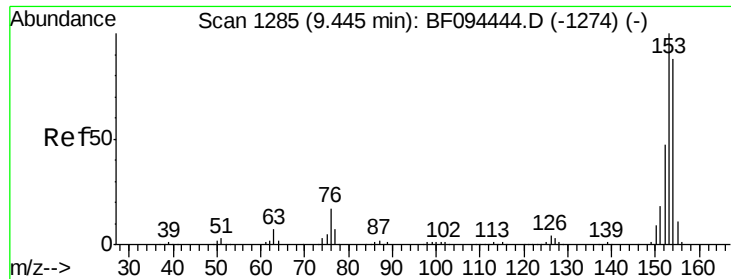


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

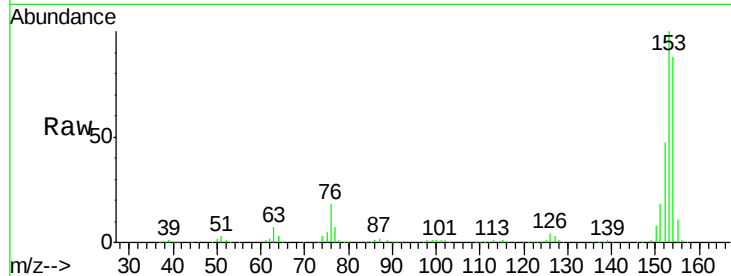




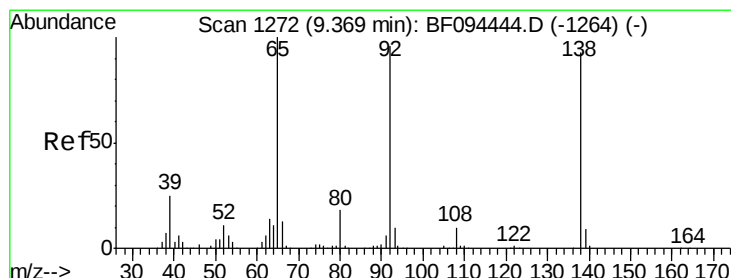
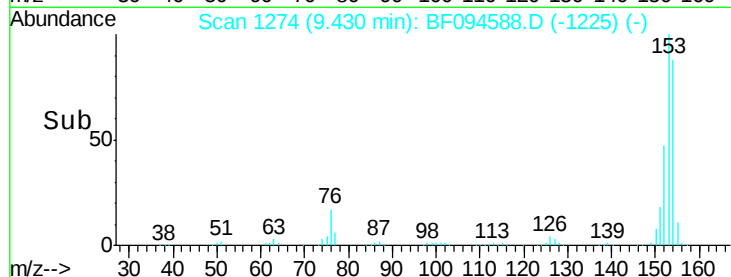
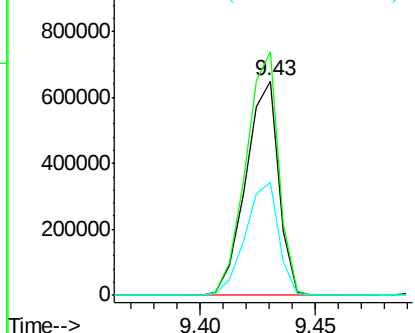
#51
Acenaphthene
Concen: 43.70 ng
RT: 9.43 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF094588.D
Acq: 24 Apr 2017 16:36

Instrument :
BNA_F
ClientSampleId :
PB98421BS

Tot Ion:154 Resp: 647022
Ion Ratio Lower Upper
154 100
153 113.6 90.5 135.7
152 53.0 43.6 65.4

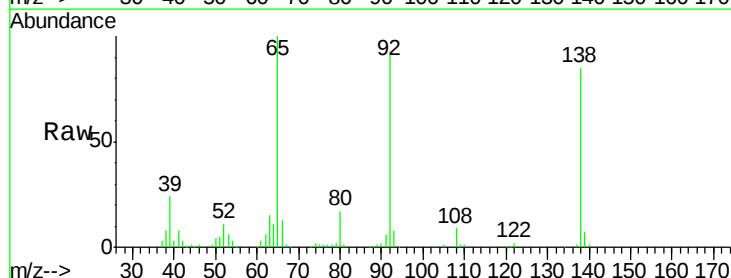


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

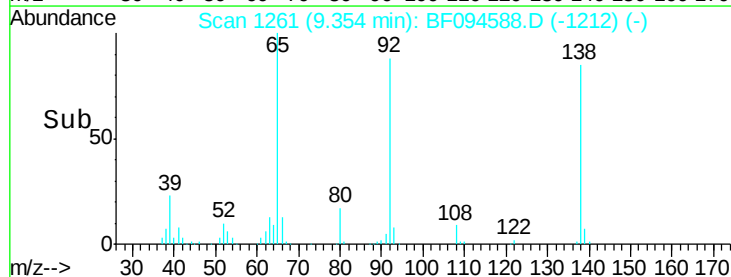
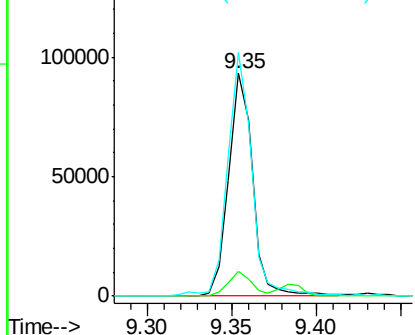


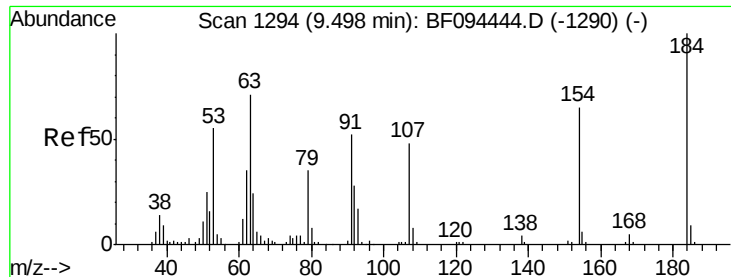
#52
3-Nitroaniline
Concen: 19.41 ng
RT: 9.35 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF094588.D
Acq: 24 Apr 2017 16:36

Tgt Ion:138 Resp: 91717
Ion Ratio Lower Upper
138 100
108 10.9 9.1 13.7
92 109.4 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

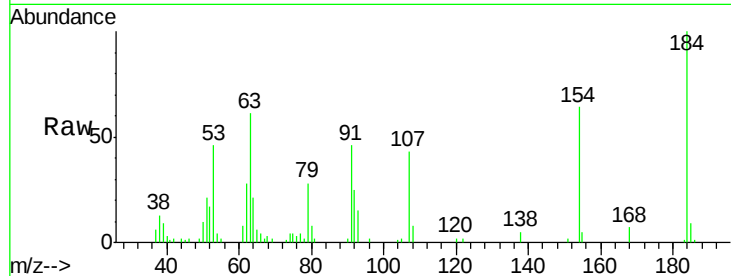




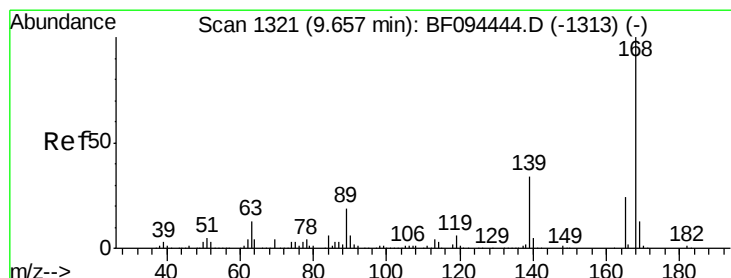
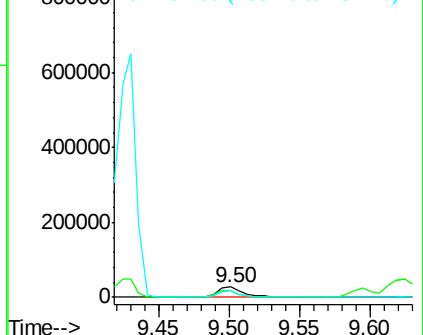
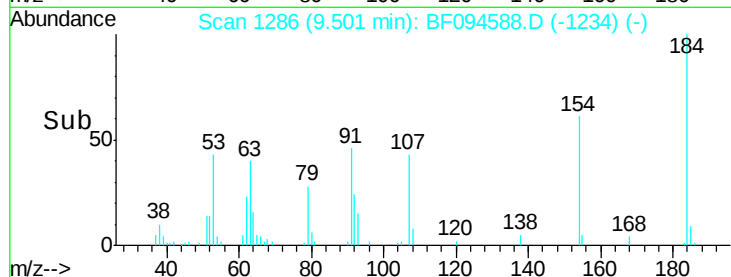
#53
 2,4-Dinitrophenol
 Concen: 21.08 ng
 RT: 9.50 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF094588.D
 Acq: 24 Apr 2017 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB98421BS

Tot Ion:184 Resp: 36576
 Ion Ratio Lower Upper
 184 100
 63 61.1 62.7 94.1#
 154 63.6 81.1 121.7#

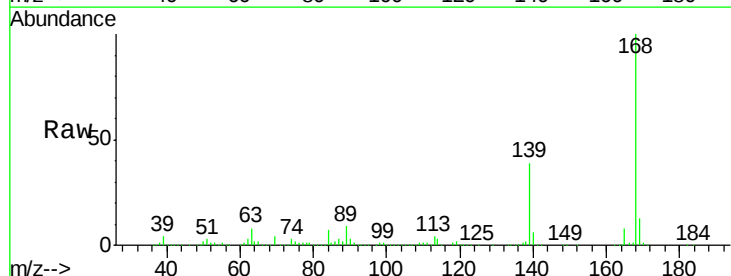


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

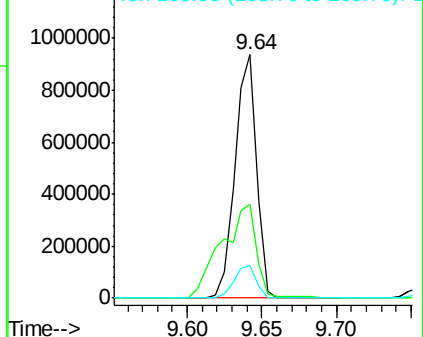
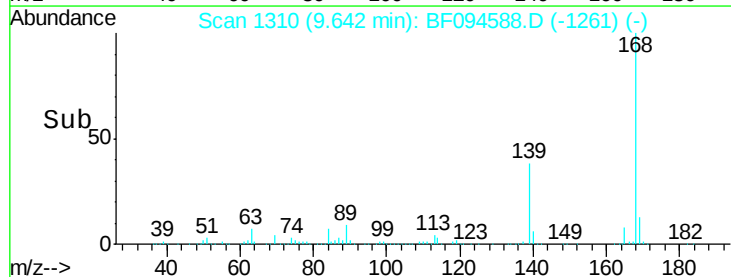


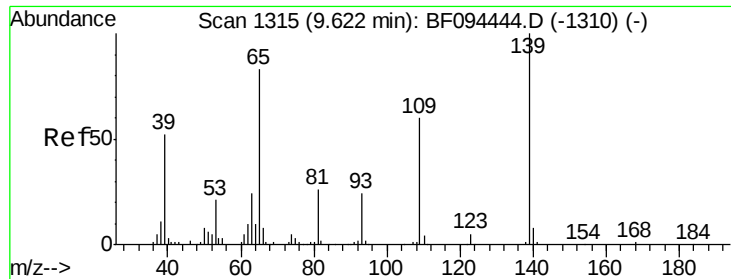
#54
 Dibenzofuran
 Concen: 43.97 ng
 RT: 9.64 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF094588.D
 Acq: 24 Apr 2017 16:36

Tgt Ion:168 Resp: 946407
 Ion Ratio Lower Upper
 168 100
 139 38.6 30.6 45.8
 169 13.5 10.8 16.2



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

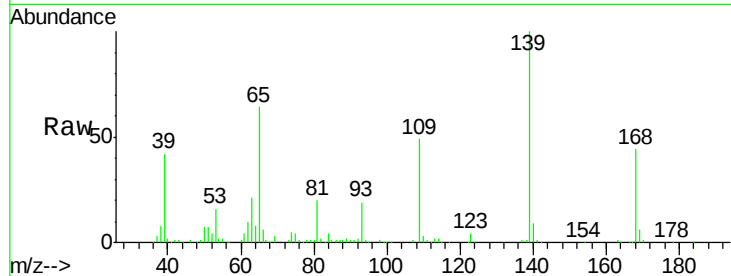




#55
4-Nitrophenol
Concen: 83.02 ng/mL
RT: 9.62 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF094588.D
Acq: 24 Apr 2017 16:36

Instrument :
BNA_F
ClientSampleID :
PB98421BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	48.9	34.1	74.1
65	64.1	31.4	71.4

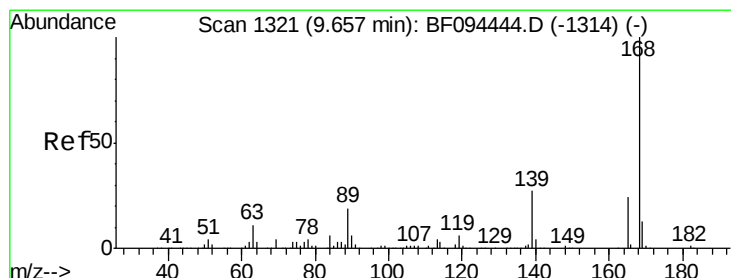
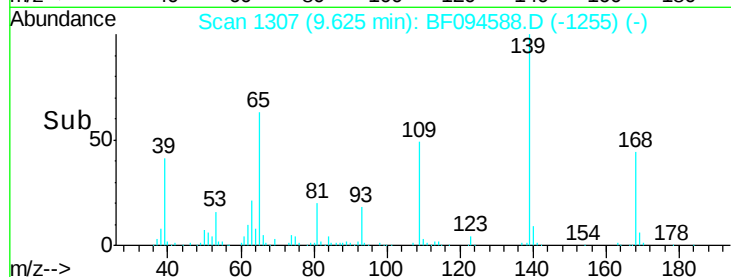
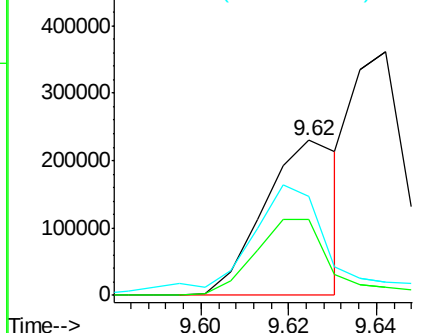


Abundance

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): E



#56
2,4-Dinitrotoluene
Concen: 45.15 ng/mL
RT: 9.65 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF094588.D
Acq: 24 Apr 2017 16:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.6	25.4	38.0#
89	65.4	46.4	69.6
182	2.3	1.8	2.6

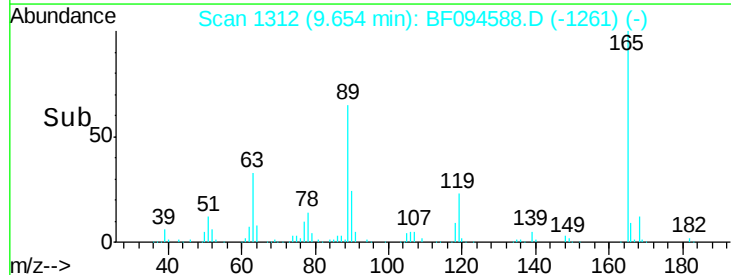
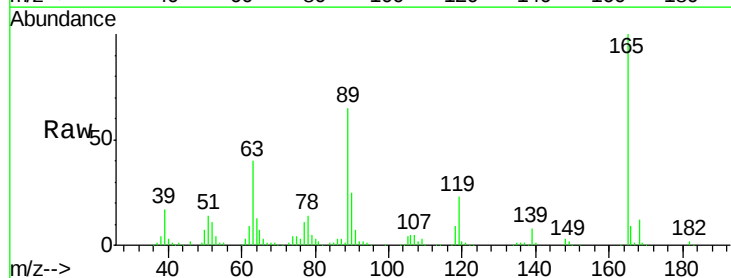
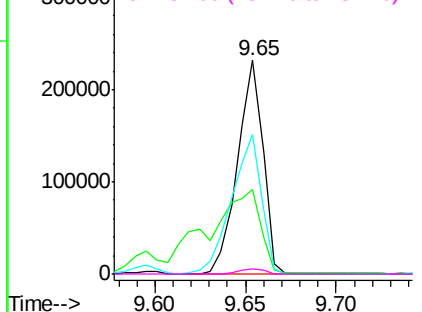
Abundance

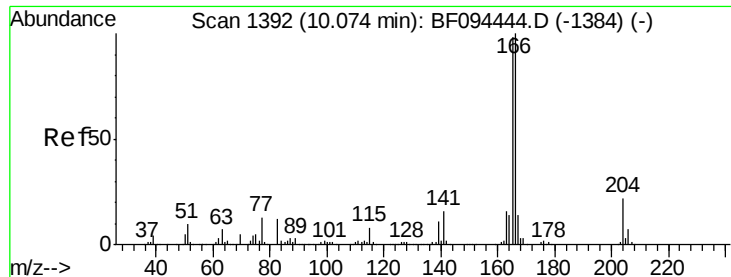
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 89.00 (88.70 to 89.70): E

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.91 ng

RT: 10.06 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

Instrument :

BNA_F

ClientSampleId :

PB98421BS

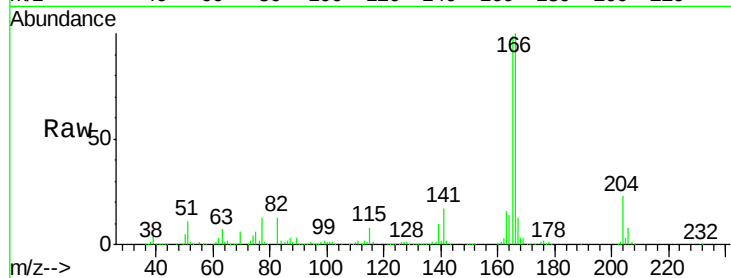
Tot Ion:166 Resp: 702362

Ion Ratio Lower Upper

166 100

165 99.1 78.8 118.2

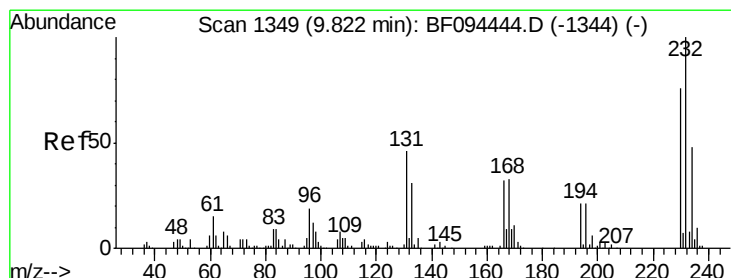
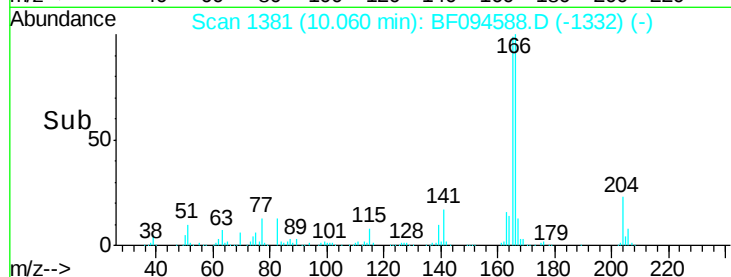
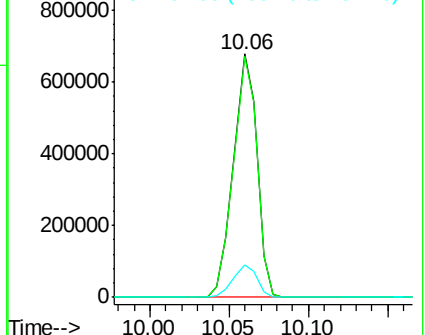
167 13.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.00 ng

RT: 9.81 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

Tgt Ion:232 Resp: 161706

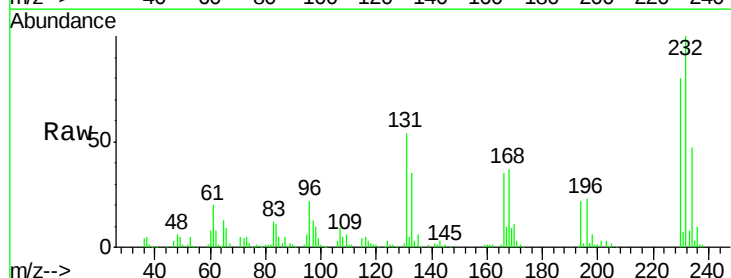
Ion Ratio Lower Upper

232 100

131 50.4 44.8 67.2

130 2.2 2.3 3.5#

166 34.8 29.0 43.4

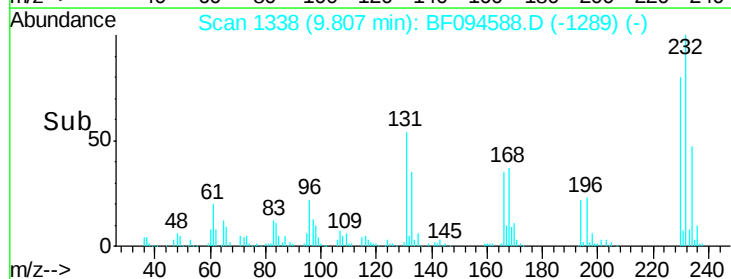
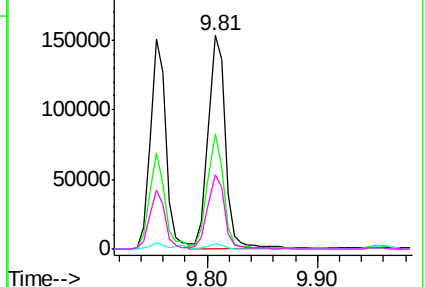


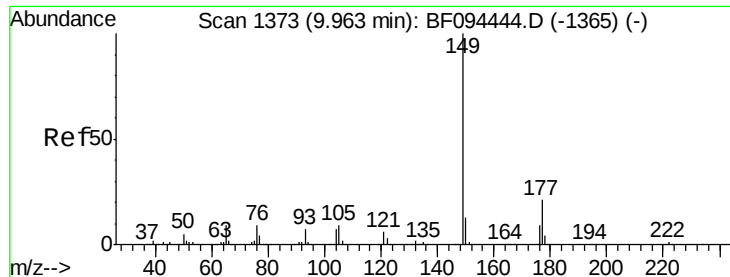
Abundance Ion 232.00 (231.70 to 232.70): E

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

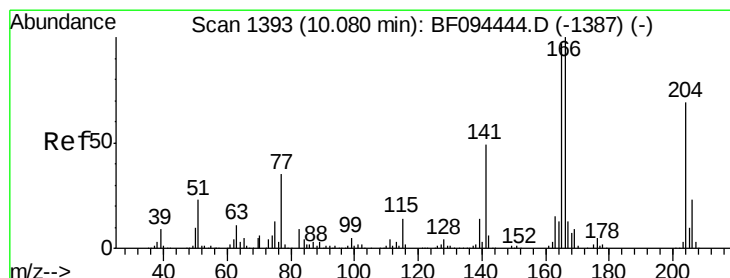
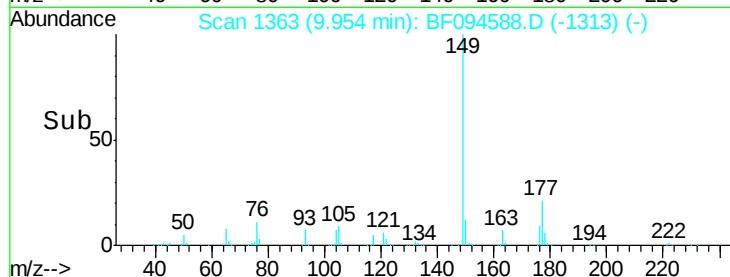
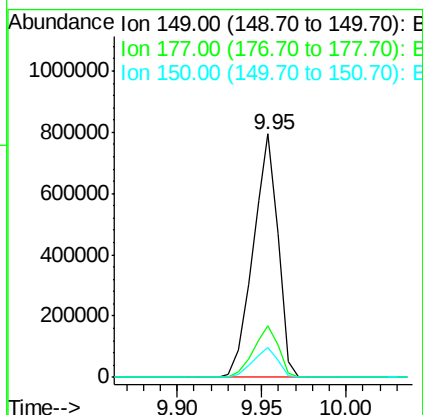
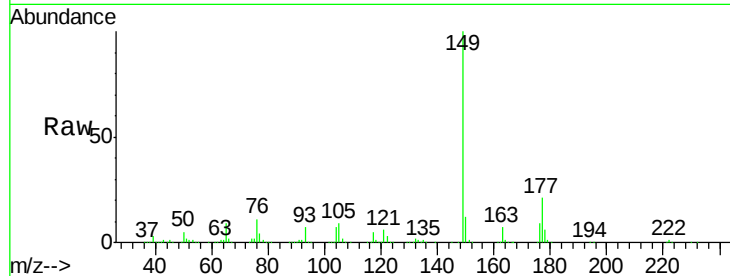




#59
Diethylphthalate
Concen: 47.25 ng
RT: 9.95 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF094588.D
Acq: 24 Apr 2017 16:36

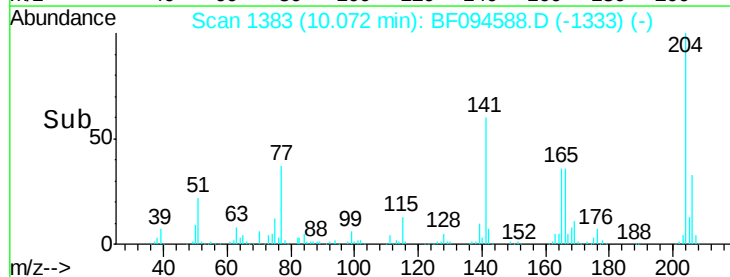
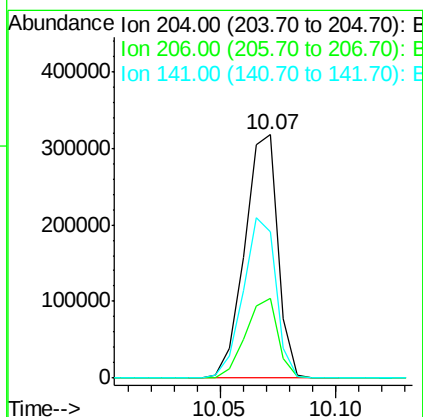
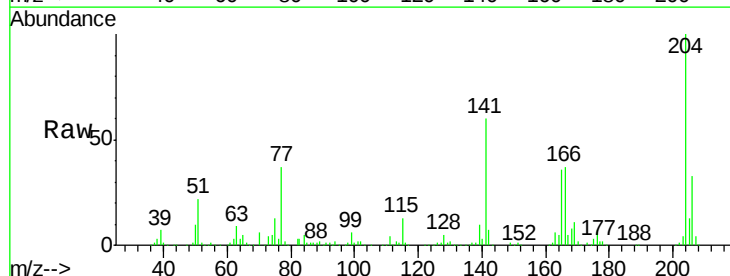
Instrument :
BNA_F
ClientSampleId :
PB98421BS

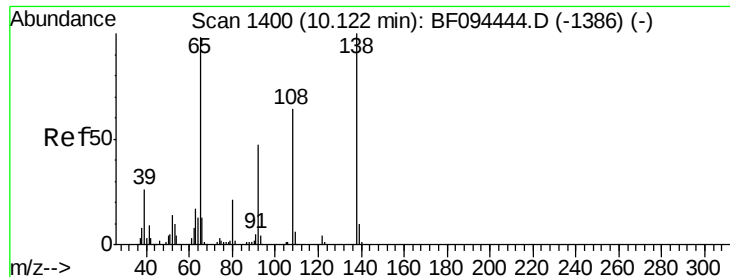
Tot Ion:149 Resp: 811044
Ion Ratio Lower Upper
149 100
177 21.1 16.7 25.1
150 12.5 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 45.77 ng
RT: 10.07 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF094588.D
Acq: 24 Apr 2017 16:36

Tgt Ion:204 Resp: 319211
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 60.1 60.8 91.2#

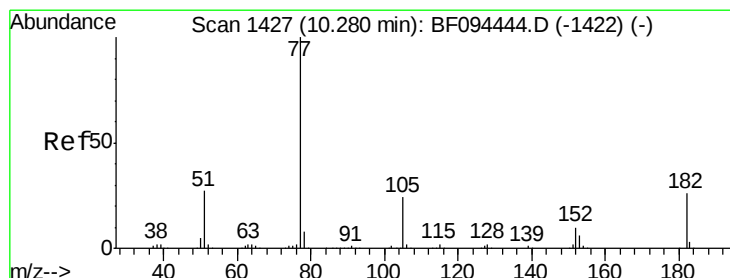
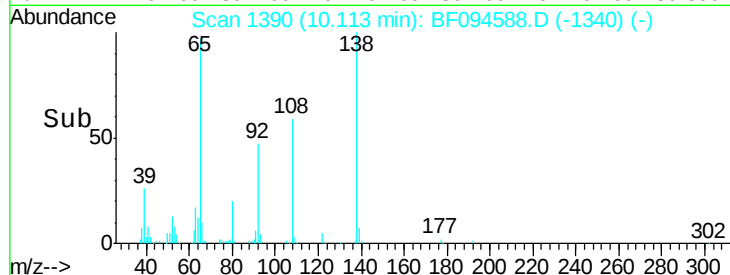
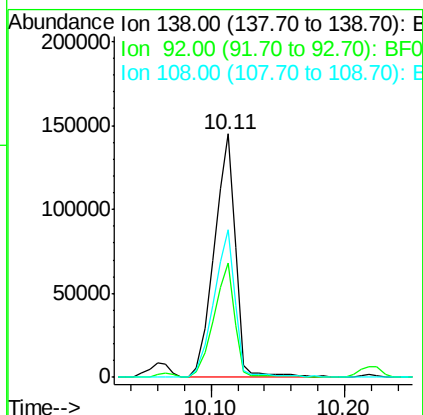
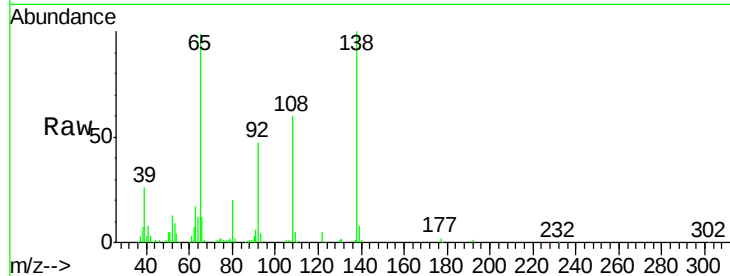




#61
4-Nitroaniline
Concen: 33.52 ng
RT: 10.11 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF094588.D
Acq: 24 Apr 2017 16:36

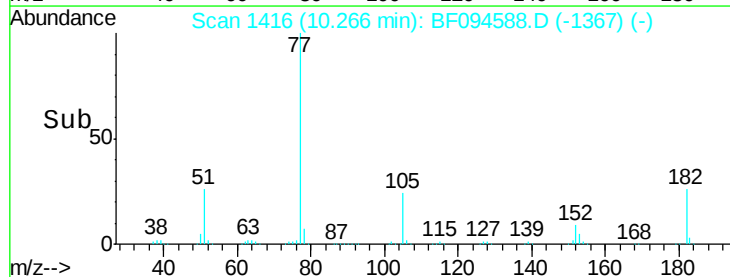
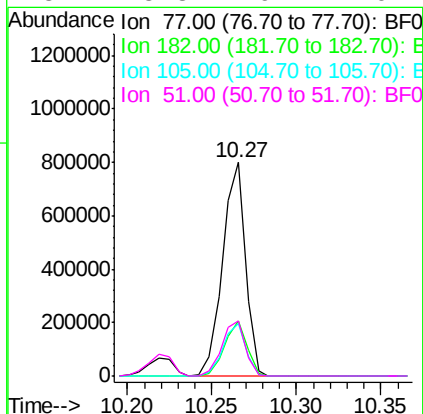
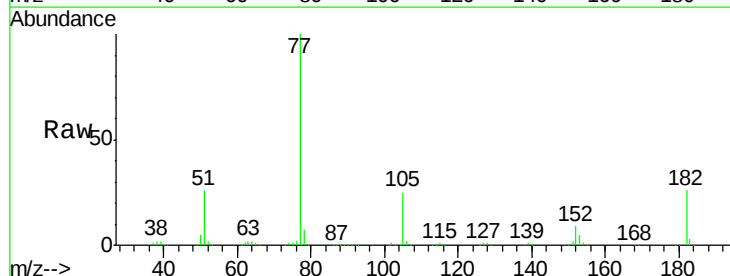
Instrument :
BNA_F
ClientSampleId :
PB98421BS

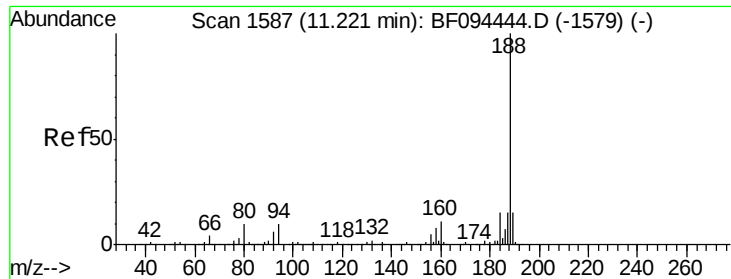
Tot Ion:138 Resp: 161001
Ion Ratio Lower Upper
138 100
92 47.0 21.8 61.8
108 60.4 42.3 82.3



#62
Azobenzene
Concen: 45.15 ng
RT: 10.27 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF094588.D
Acq: 24 Apr 2017 16:36

Tgt Ion: 77 Resp: 752542
Ion Ratio Lower Upper
77 100
182 26.0 0.1 40.1
105 24.5 3.6 43.6
51 25.8 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

Instrument :

BNA_F

ClientSampleId :

PB98421BS

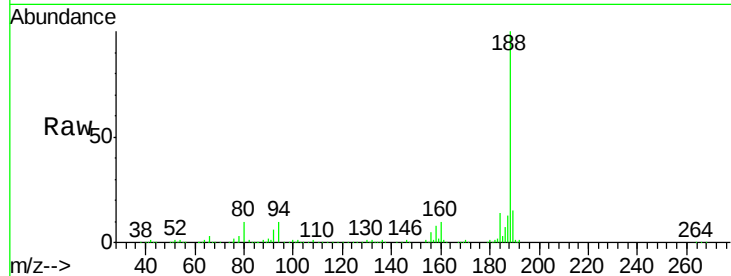
Tot Ion:188 Resp: 391737

Ion Ratio Lower Upper

188 100

94 9.8 9.4 14.2

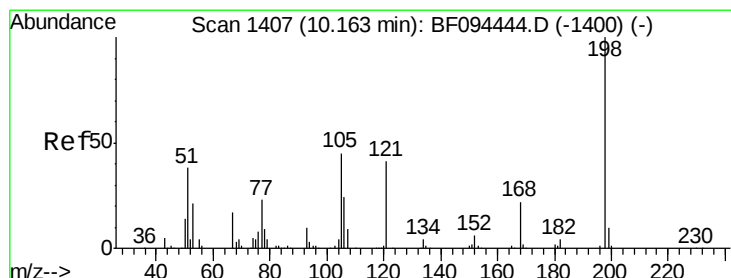
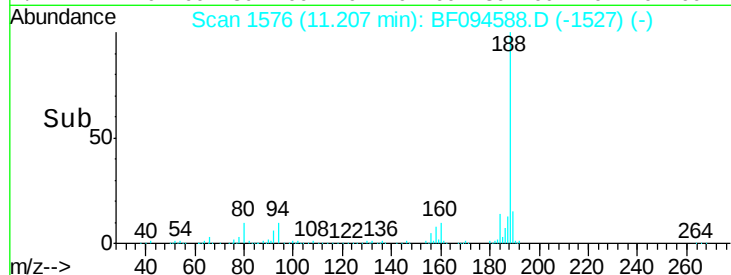
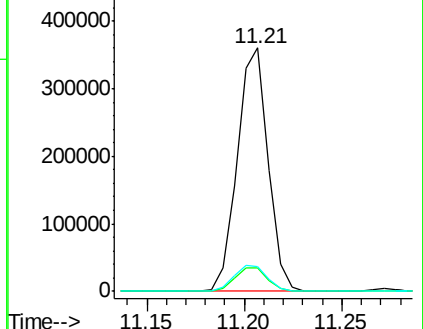
80 10.4 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 13.20 ng

RT: 10.15 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

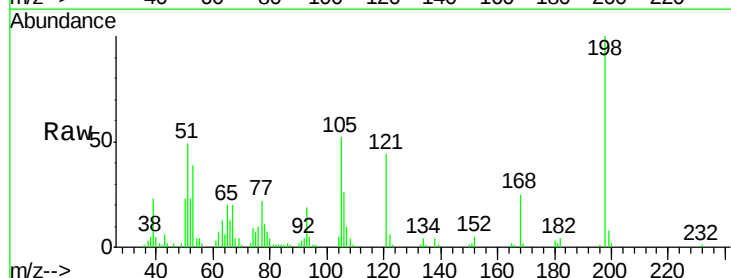
Tgt Ion:198 Resp: 33869

Ion Ratio Lower Upper

198 100

51 48.8 53.2 93.2#

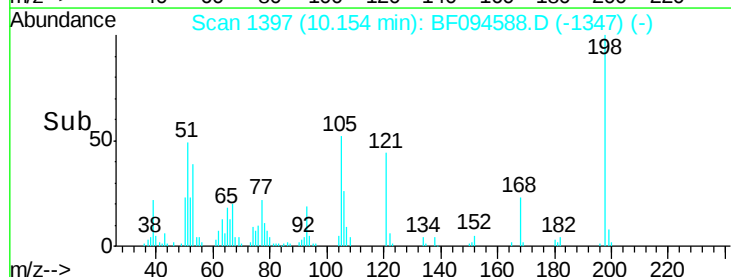
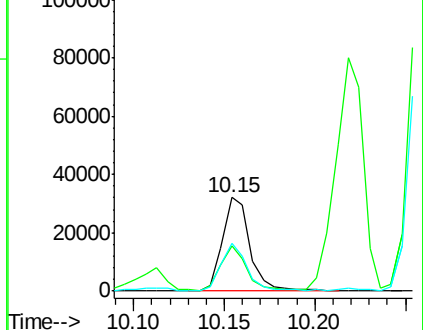
105 51.6 45.8 85.8

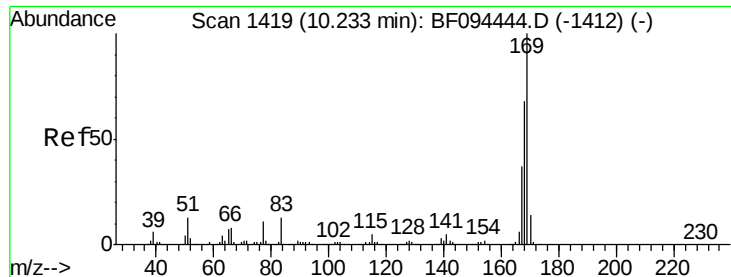


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 49.35 ng

RT: 10.22 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

Instrument :

BNA_F

ClientSampleId :

PB98421BS

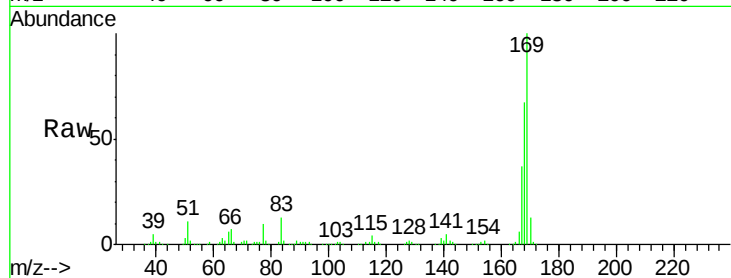
Tot Ion:169 Resp: 672379

Ion Ratio Lower Upper

169 100

168 66.9 53.2 79.8

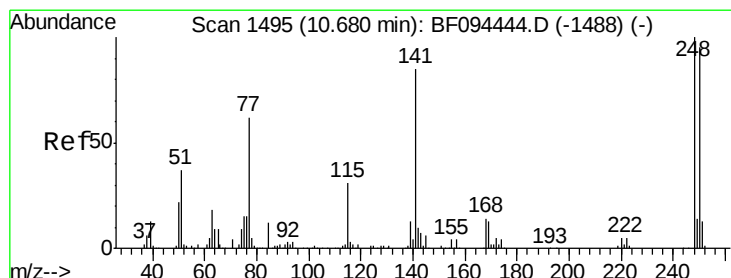
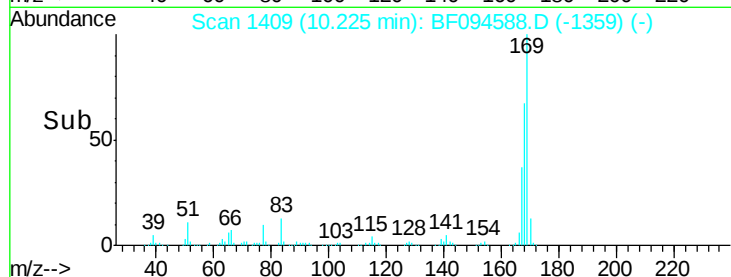
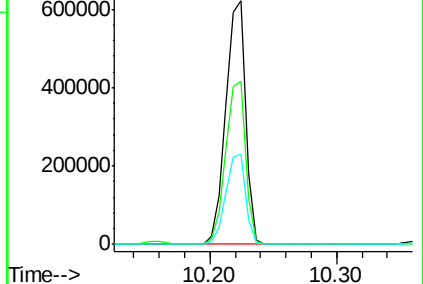
167 37.0 29.5 44.3



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: 50.07 ng

RT: 10.67 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

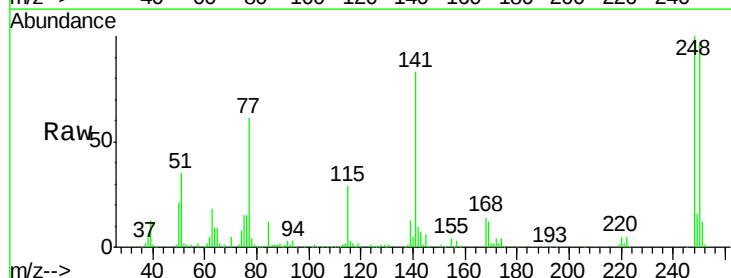
Tgt Ion:248 Resp: 194772

Ion Ratio Lower Upper

248 100

250 97.1 76.8 115.2

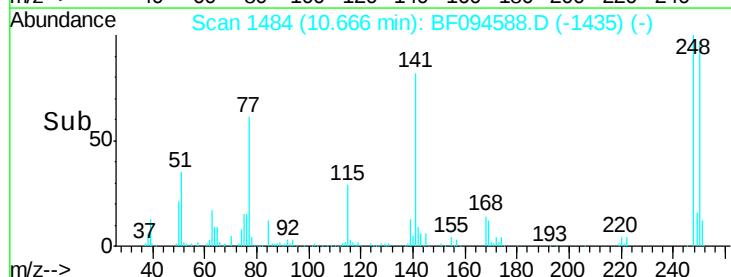
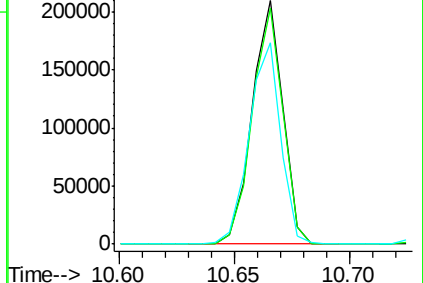
141 82.9 68.6 103.0

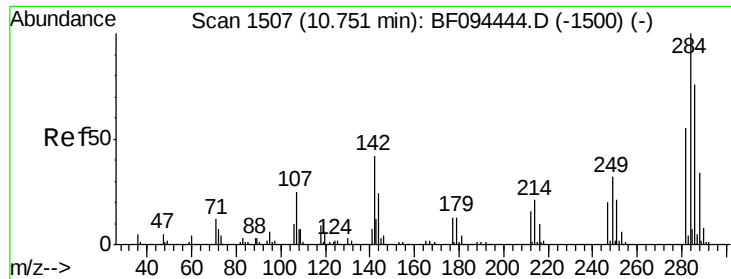


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

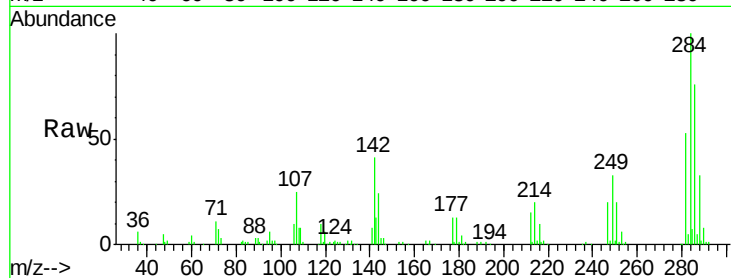




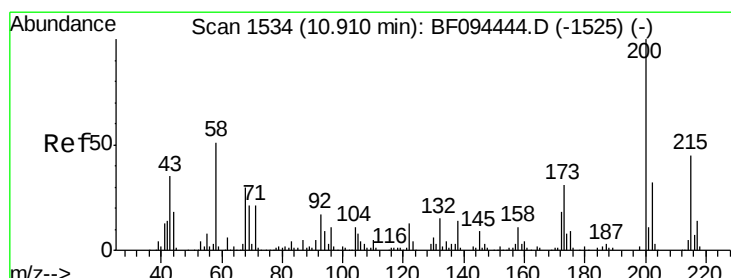
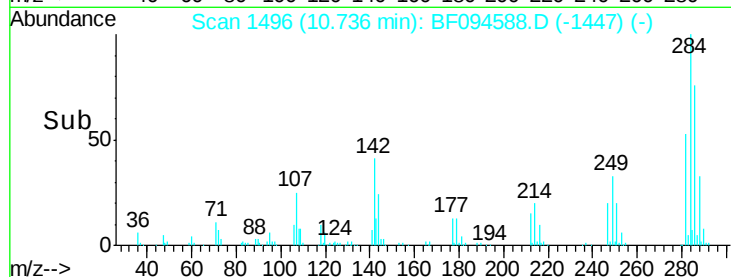
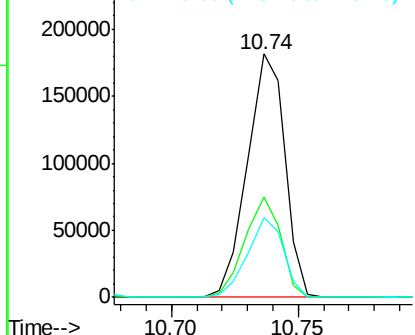
#67
Hexachlorobenzene
Concen: 47.88 ng
RT: 10.74 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF094588.D
Acq: 24 Apr 2017 16:36

Instrument :
BNA_F
ClientSampleID :
PB98421BS

Tot Ion:284 Resp: 187703
Ion Ratio Lower Upper
284 100
142 41.2 22.8 34.2#
249 33.0 24.0 36.0

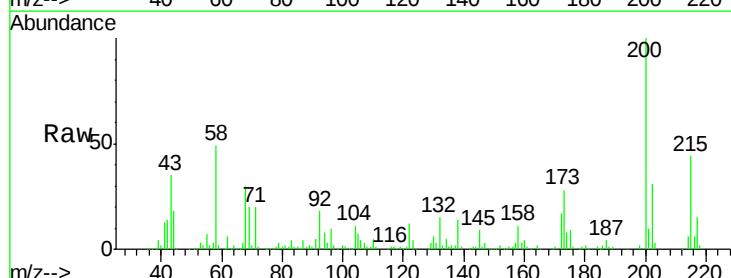


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

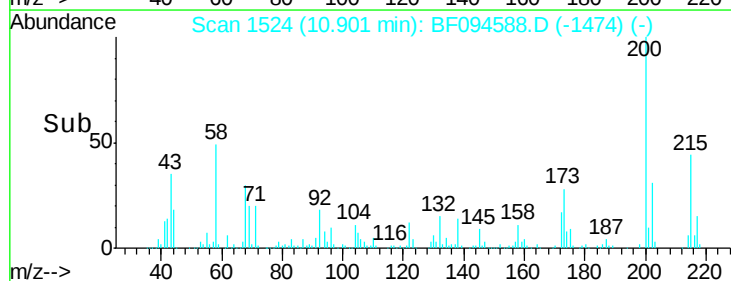
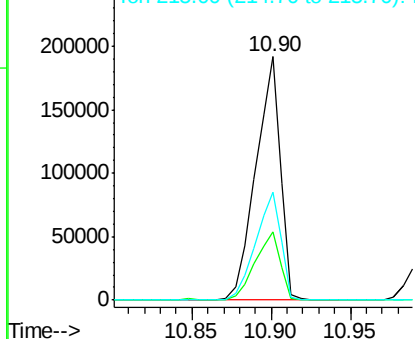


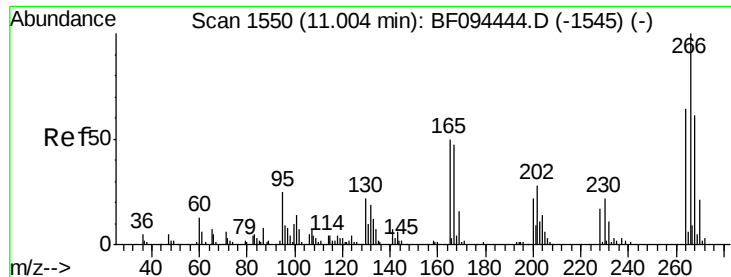
#68
Atrazine
Concen: 50.82 ng
RT: 10.90 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF094588.D
Acq: 24 Apr 2017 16:36

Tgt Ion:200 Resp: 207146
Ion Ratio Lower Upper
200 100
173 28.2 6.3 46.3
215 44.3 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

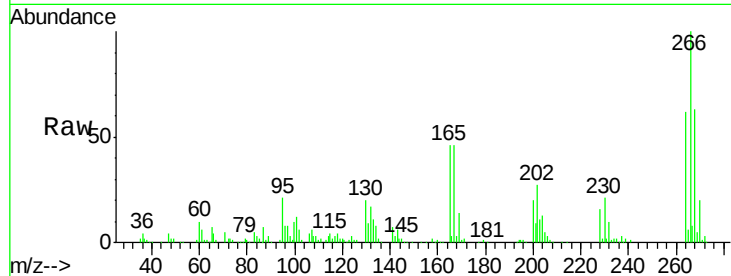




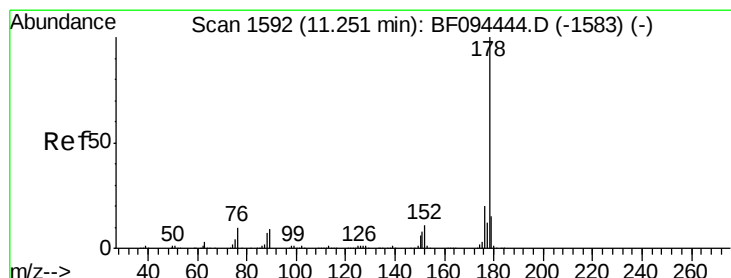
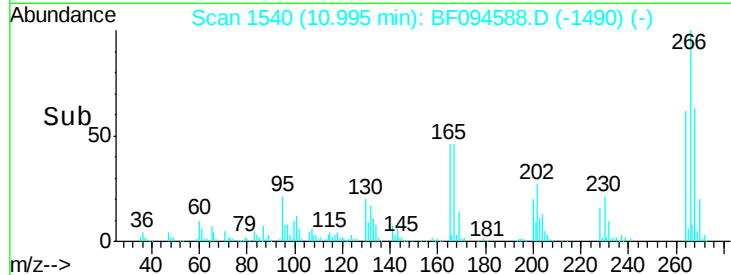
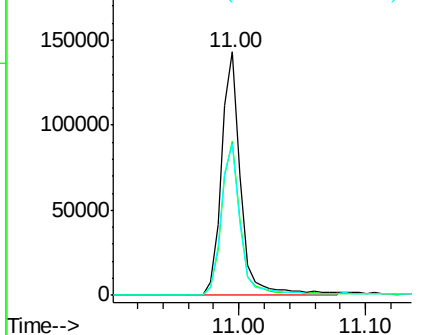
#69
 Pentachlorophenol
 Concen: 97.71 ng
 RT: 11.00 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF094588.D
 Acq: 24 Apr 2017 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB98421BS

Tot Ion:266 Resp: 152098
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.1 76.7
 264 62.4 51.7 77.5

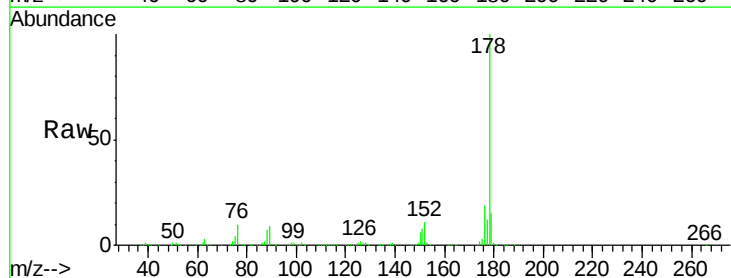


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

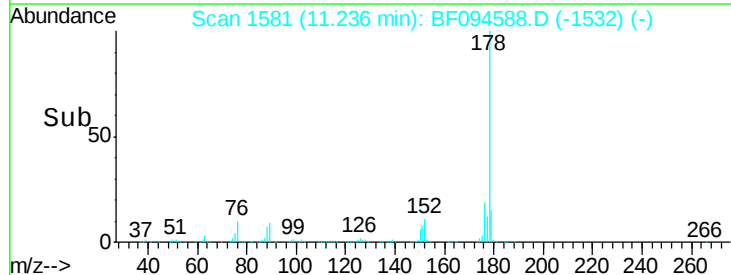
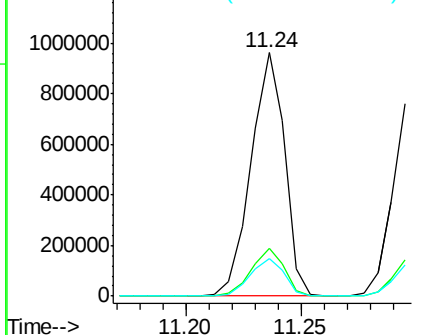


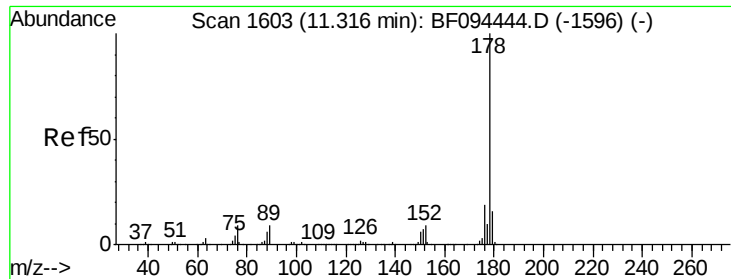
#70
 Phenanthrene
 Concen: 44.40 ng
 RT: 11.24 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF094588.D
 Acq: 24 Apr 2017 16:36

Tgt Ion:178 Resp: 979466
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.2 24.4
 179 15.2 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

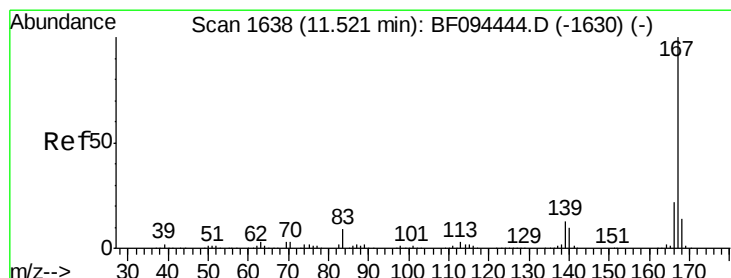
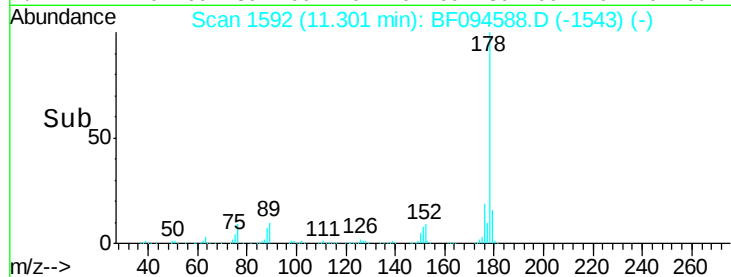
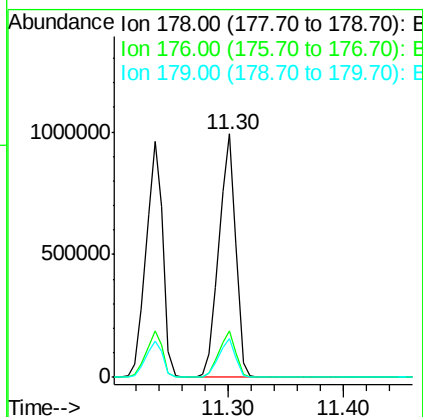
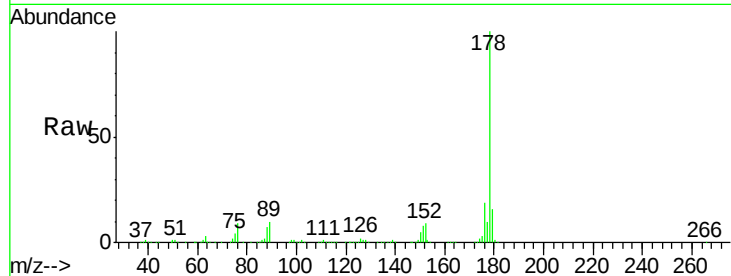




#71
 Anthracene
 Concen: 44.07 ng
 RT: 11.30 min Scan# 1592
 Delta R.T. -0.01 min
 Lab File: BF094588.D
 Acq: 24 Apr 2017 16:36

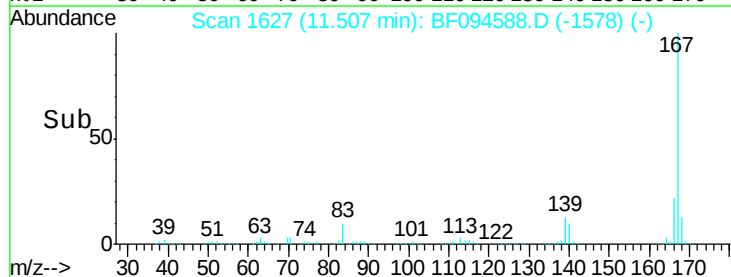
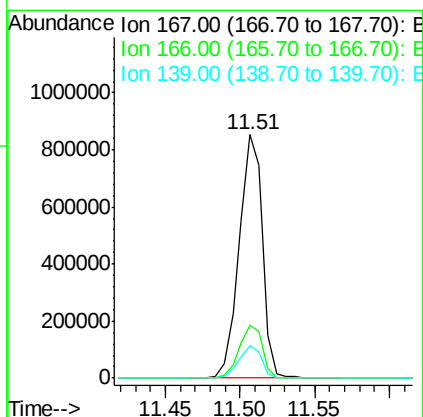
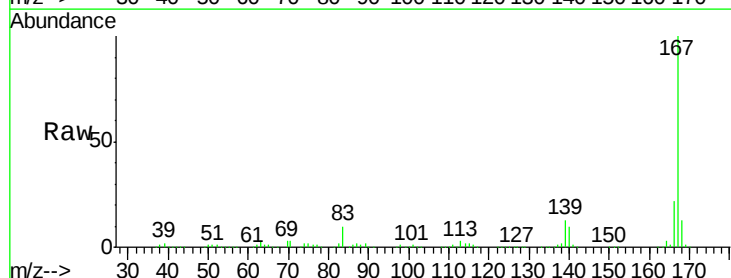
Instrument :
 BNA_F
 ClientSampleId :
 PB98421BS

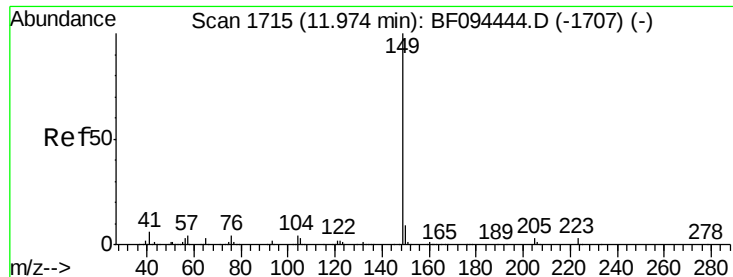
Tot Ion:178 Resp: 1005646
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 43.01 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BF094588.D
 Acq: 24 Apr 2017 16:36

Tgt Ion:167 Resp: 921220
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 13.3 11.7 17.5

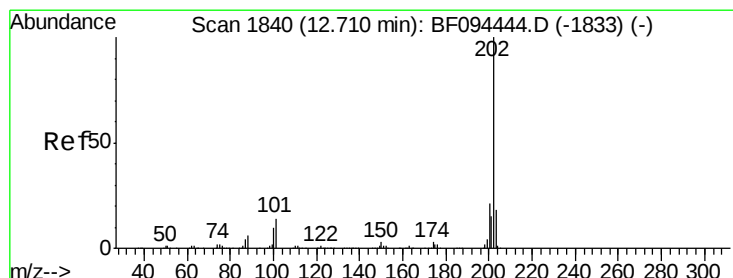
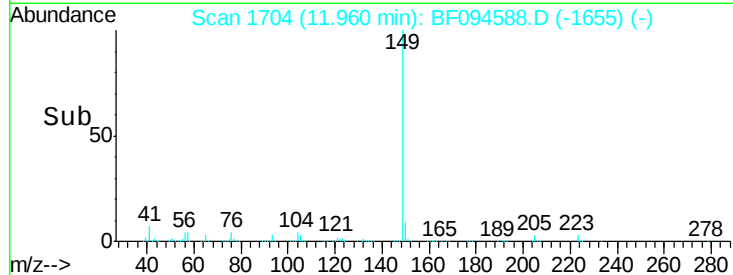
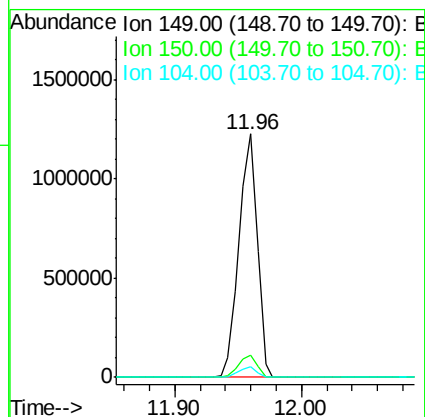
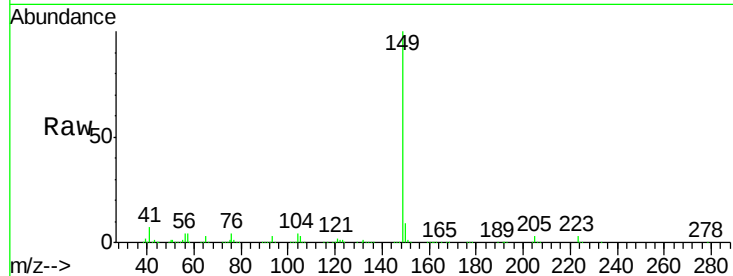




#73
Di-n-butylphthalate
Concen: 51.54 ng
RT: 11.96 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BF094588.D
Acq: 24 Apr 2017 16:36

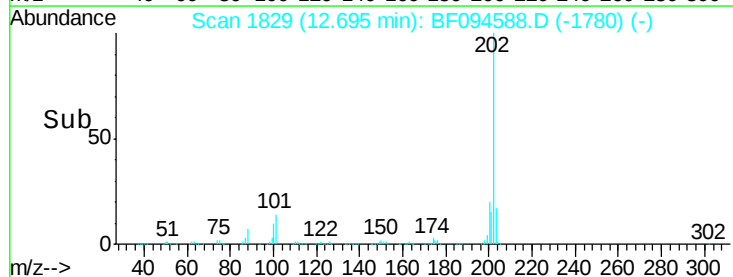
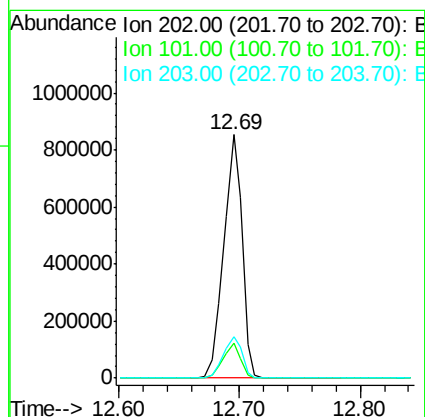
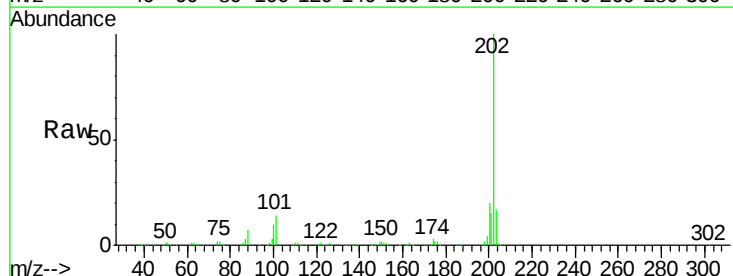
Instrument :
BNA_F
ClientSampleId :
PB98421BS

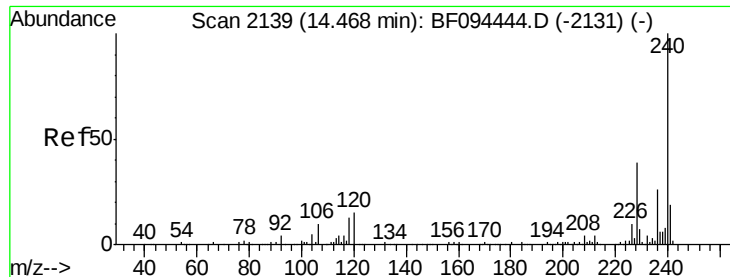
Tot Ion:149 Resp: 1215290
Ion Ratio Lower Upper
149 100
150 8.8 7.7 11.5
104 4.3 4.0 6.0



#74
Fluoranthene
Concen: 39.13 ng
RT: 12.69 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF094588.D
Acq: 24 Apr 2017 16:36

Tgt Ion:202 Resp: 894605
Ion Ratio Lower Upper
202 100
101 14.1 0.0 33.2
203 17.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.45 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

Instrument :

BNA_F

ClientSampleId :

PB98421BS

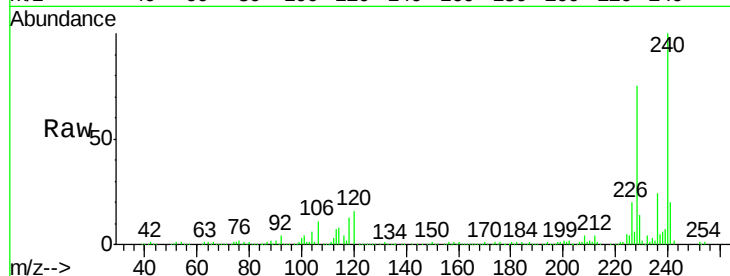
Tot Ion:240 Resp: 260216

Ion Ratio Lower Upper

240 100

120 16.0 5.8 8.8#

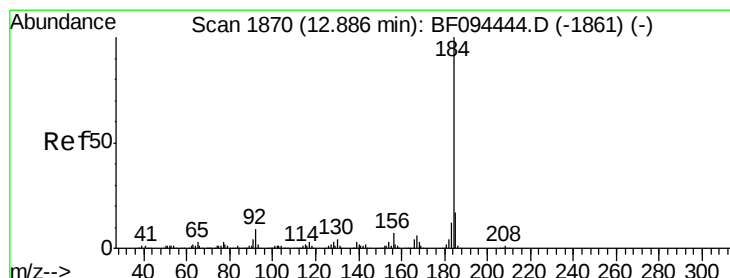
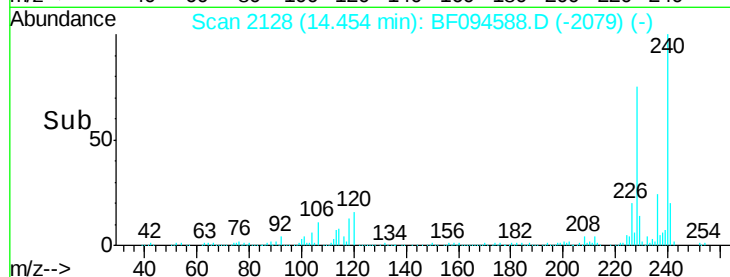
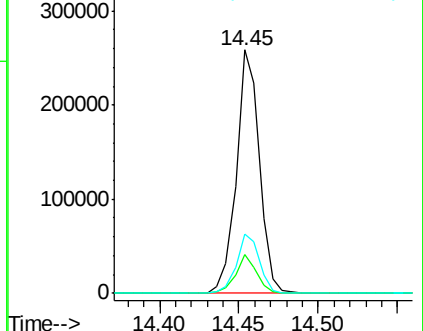
236 24.3 20.5 30.7



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: 56.21 ng

RT: 12.88 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

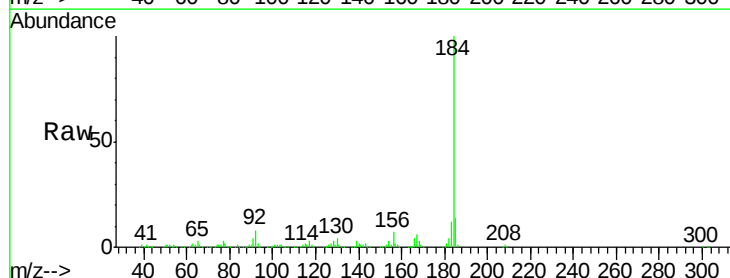
Tgt Ion:184 Resp: 592216

Ion Ratio Lower Upper

184 100

185 14.4 15.5 23.3#

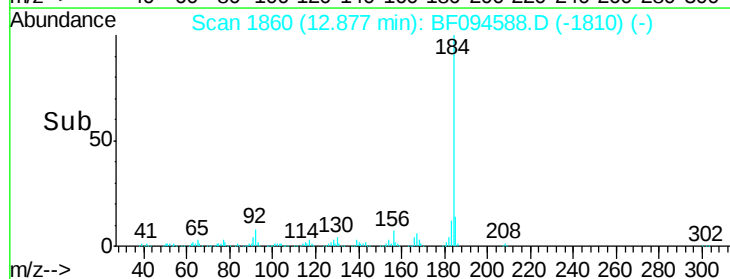
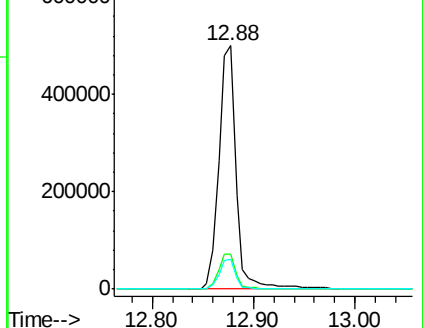
183 12.2 9.8 14.6

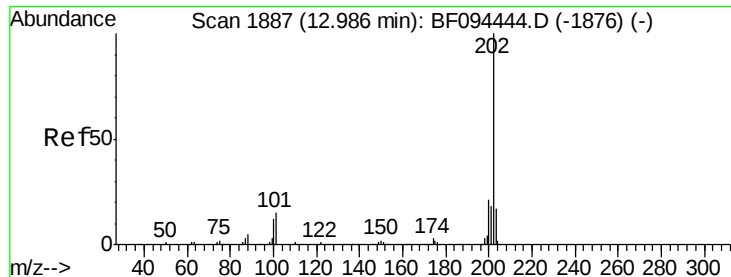


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

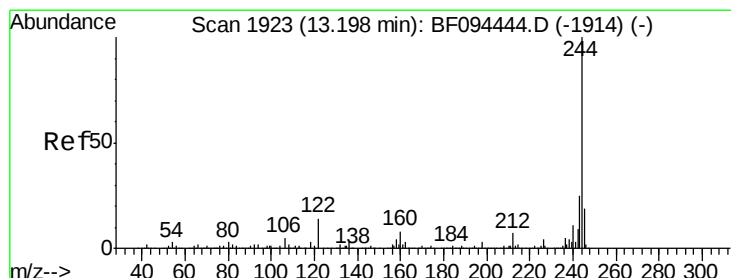
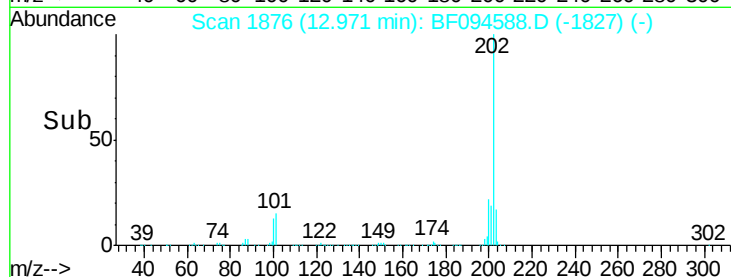
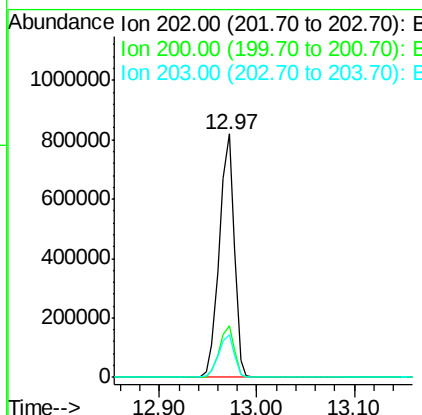
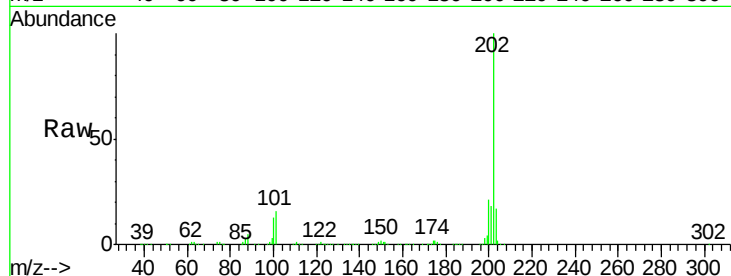




#77
Pvrene
Concen: 48.24 ng
RT: 12.97 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BF094588.D
Acq: 24 Apr 2017 16:36

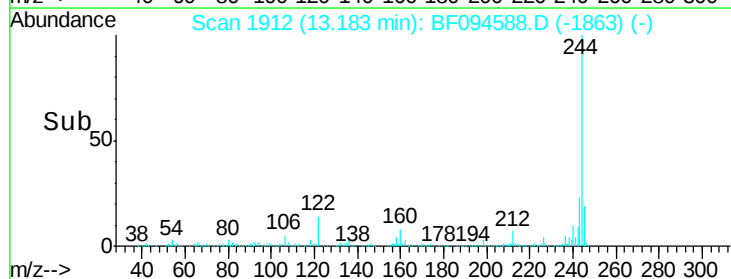
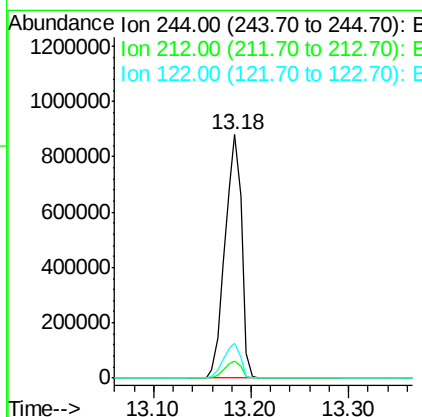
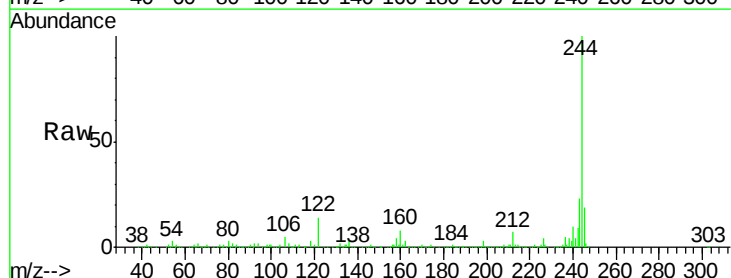
Instrument :
BNA_F
ClientSampled :
PB98421BS

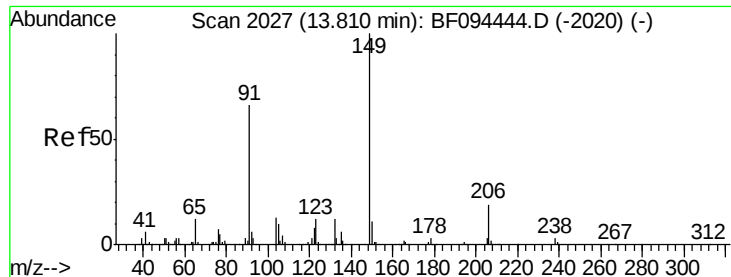
Tot Ion:202 Resp: 876933
Ion Ratio Lower Upper
202 100
200 21.4 17.6 26.4
203 17.3 14.4 21.6



#78
Terphenyl-d14
Concen: 106.17 ng
RT: 13.18 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BF094588.D
Acq: 24 Apr 2017 16:36

Tgt Ion:244 Resp: 1033584
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 14.2 10.3 15.5

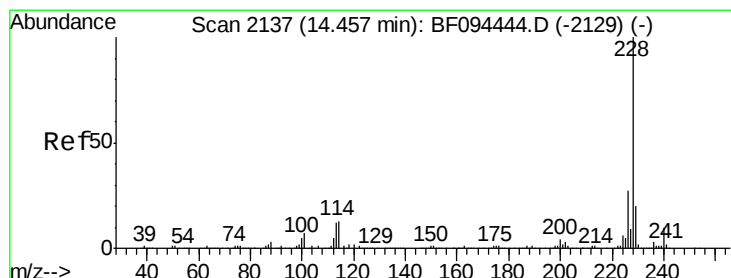
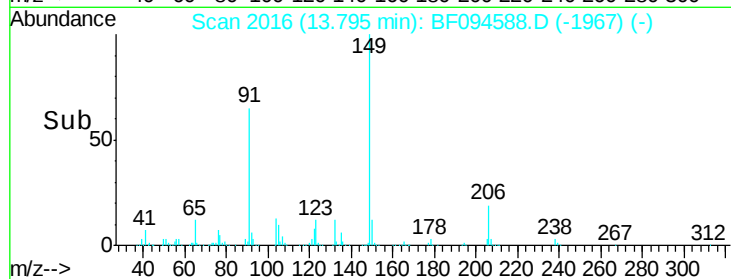
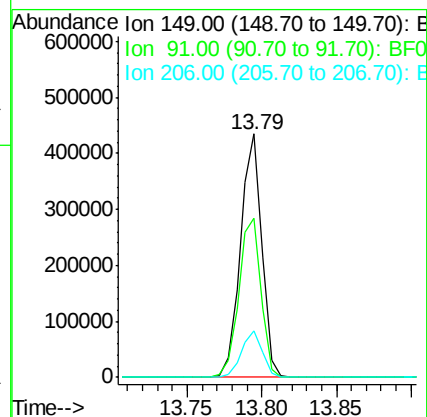
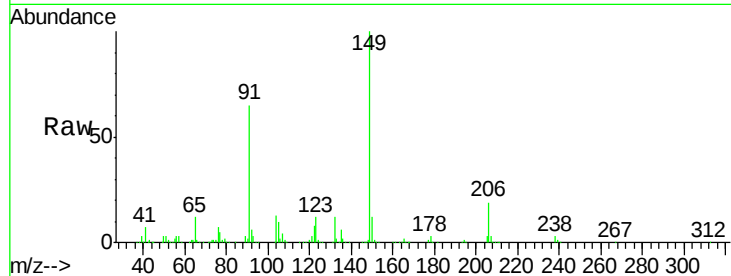




#79
Butylbenzylphthalate
Concen: 54.29 ng
RT: 13.79 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF094588.D
Acq: 24 Apr 2017 16:36

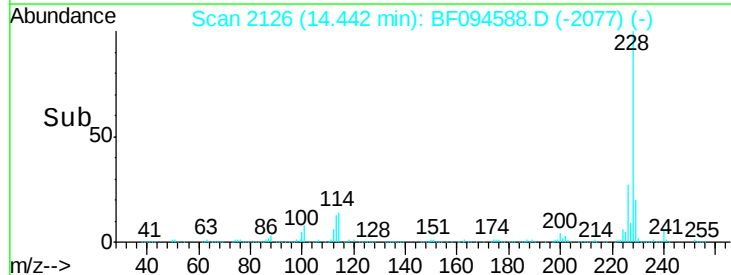
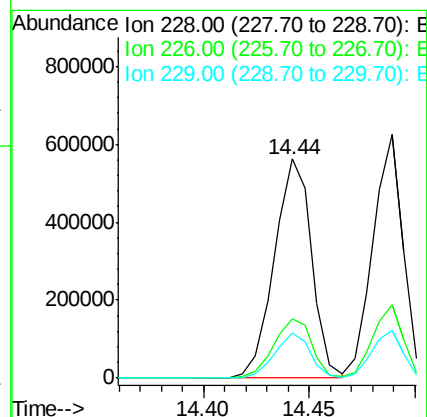
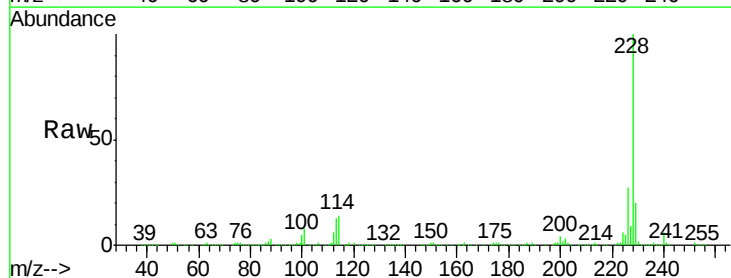
Instrument :
BNA_F
ClientSampleId :
PB98421BS

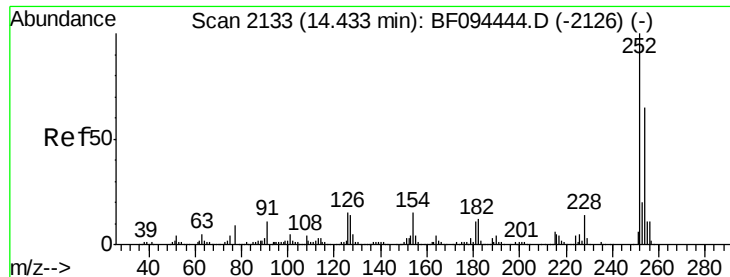
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.4	45.0	67.4
206	18.9	17.0	25.6



#80
Benzo(a)anthracene
Concen: 45.70 ng
RT: 14.44 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BF094588.D
Acq: 24 Apr 2017 16:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	20.4	16.3	24.5

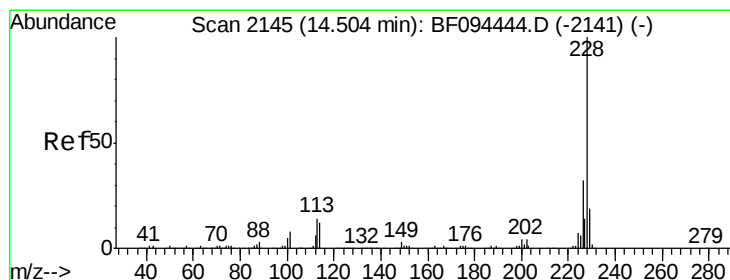
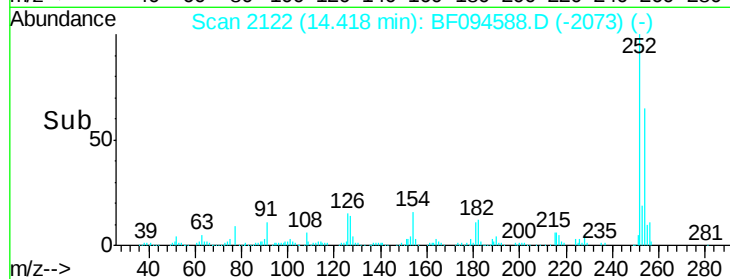
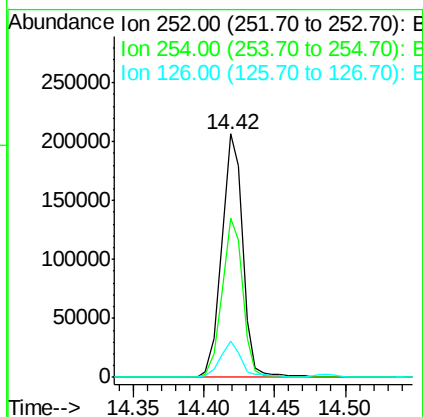
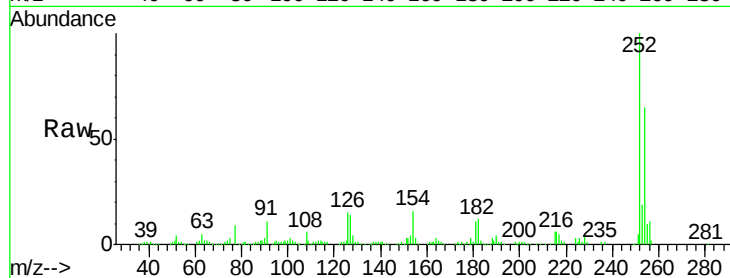




#81
 3,3'-Dichlorobenzidine
 Concen: 40.03 ng
 RT: 14.42 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BF094588.D
 Acq: 24 Apr 2017 16:36

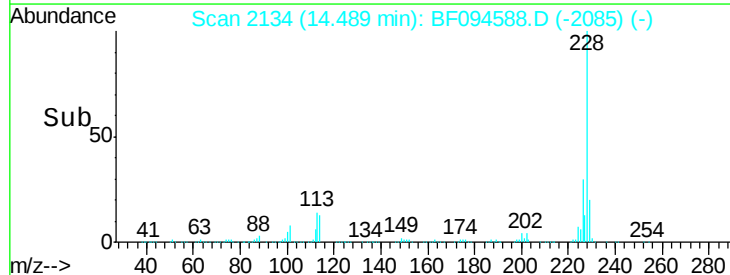
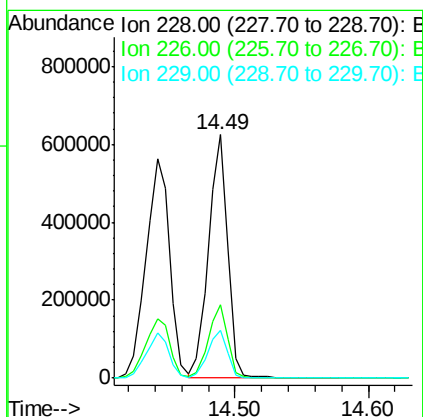
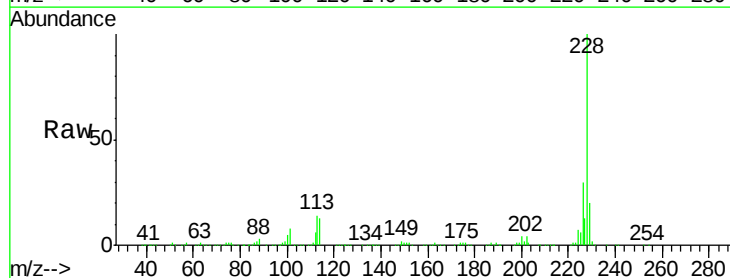
Instrument :
 BNA_F
 ClientSampleId :
 PB98421BS

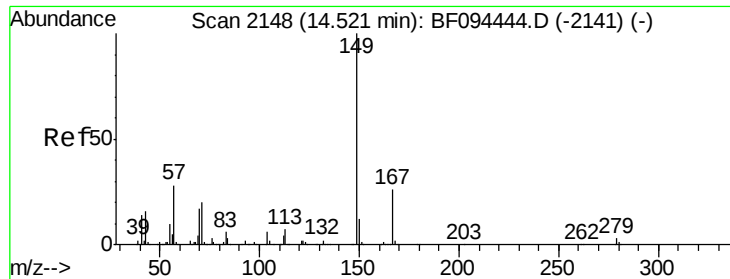
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.5	77.3
126	15.1	15.8	23.8#



#82
 Chrysene
 Concen: 45.40 ng
 RT: 14.49 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BF094588.D
 Acq: 24 Apr 2017 16:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	19.6	15.8	23.6

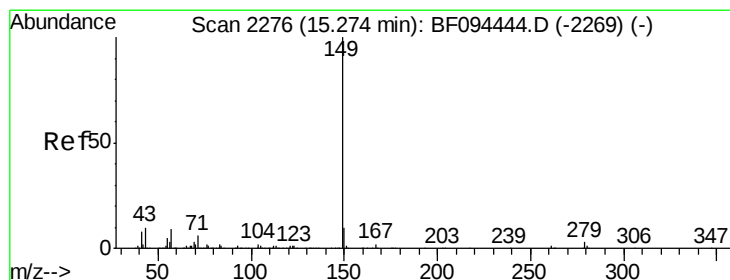
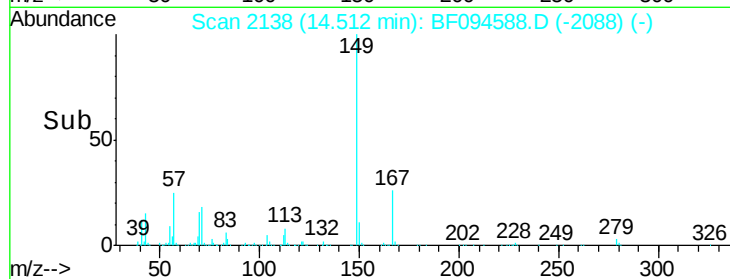
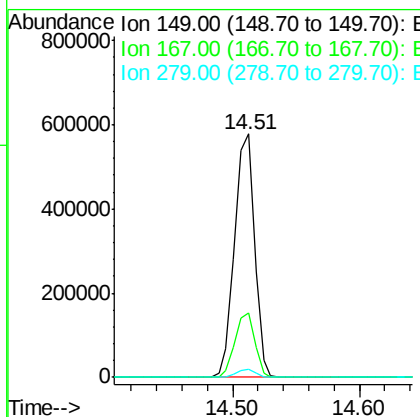
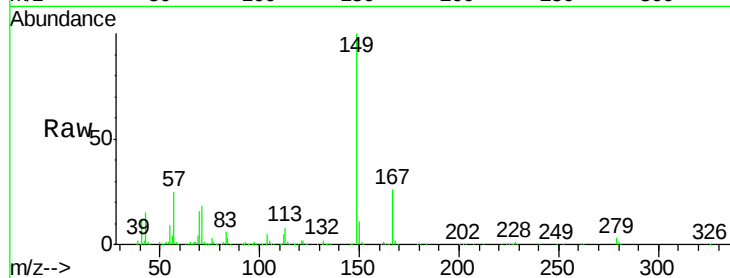




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 58.80 ng
 RT: 14.51 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BF094588.D
 Acq: 24 Apr 2017 16:36

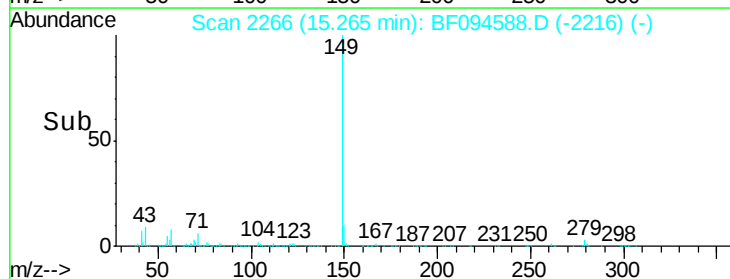
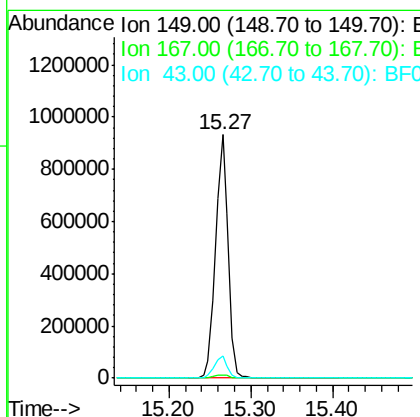
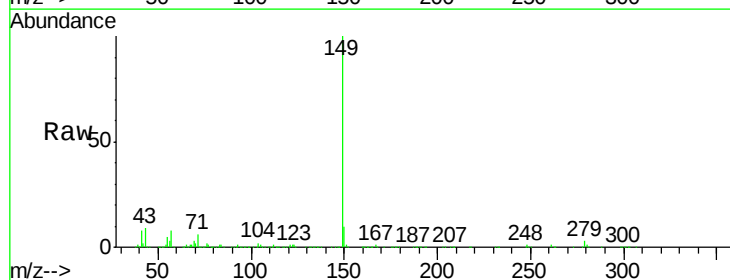
Instrument :
 BNA_F
 ClientSampleId :
 PB98421BS

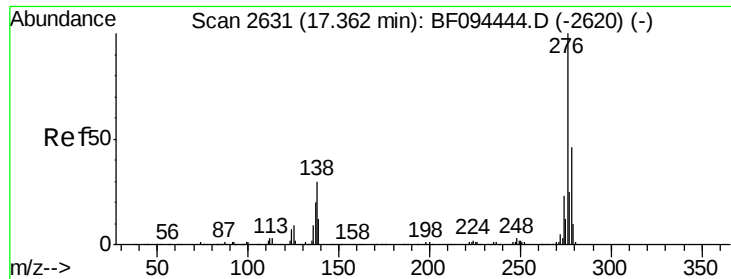
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.0	31.4
279	3.2	1.9	2.9#



#84
 Di-n-octyl phthalate
 Concen: 55.57 ng
 RT: 15.27 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF094588.D
 Acq: 24 Apr 2017 16:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.2	8.5	12.7

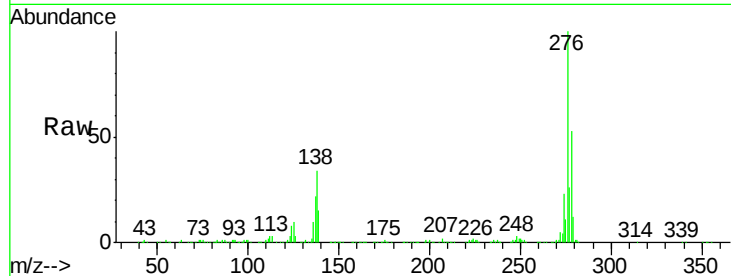




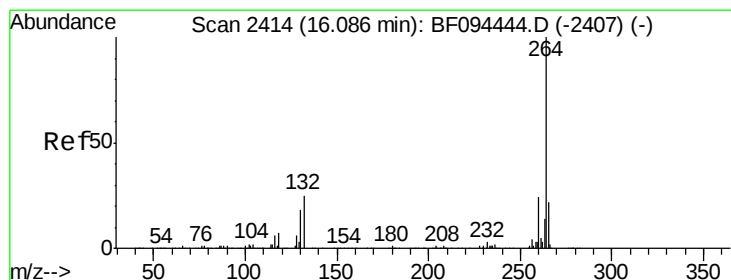
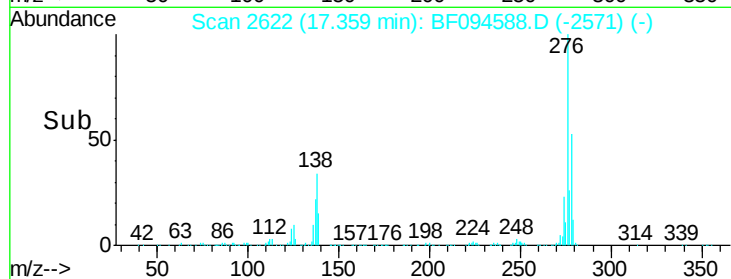
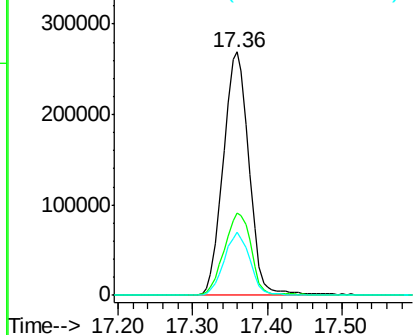
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.37 ng
 RT: 17.36 min Scan# 2622
 Delta R.T. -0.00 min
 Lab File: BF094588.D
 Acq: 24 Apr 2017 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB98421BS

Tot Ion:276 Resp: 649248
 Ion Ratio Lower Upper
 276 100
 138 35.6 27.8 41.6
 277 25.8 20.2 30.4

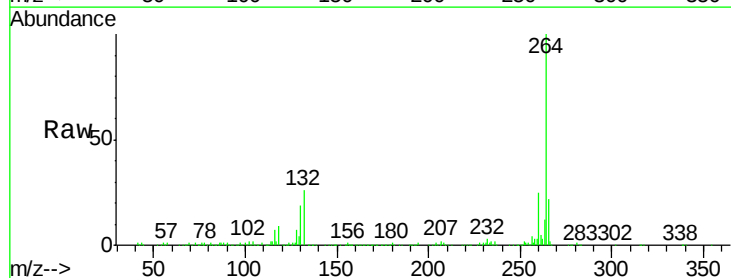


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

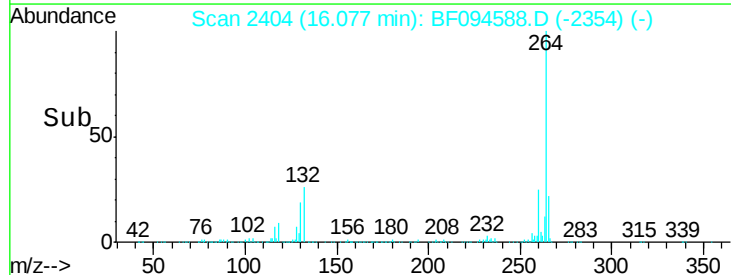
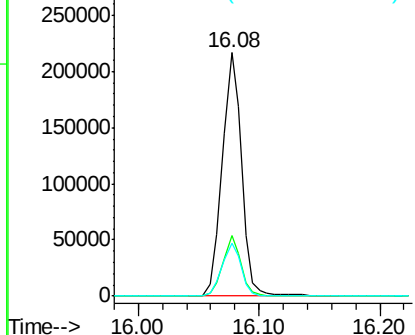


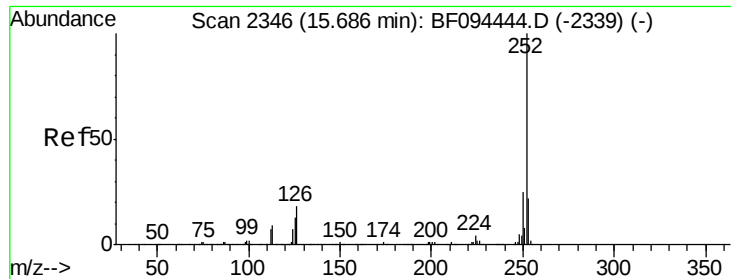
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BF094588.D
 Acq: 24 Apr 2017 16:36

Tgt Ion:264 Resp: 240152
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.5 29.3
 265 22.0 17.2 25.8



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





#87

Benzo(b)fluoranthene

Concen: 44.72 ng

RT: 15.68 min Scan# 2337

Delta R.T. -0.00 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

Instrument :

BNA_F

ClientSampleId :

PB98421BS

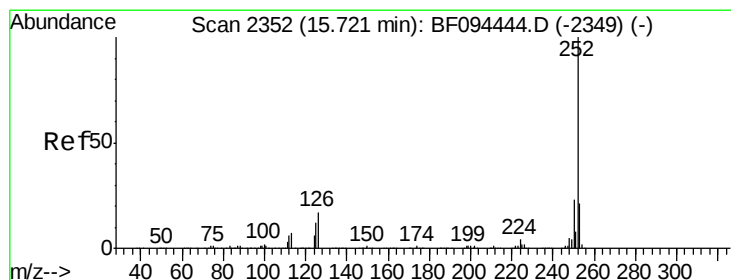
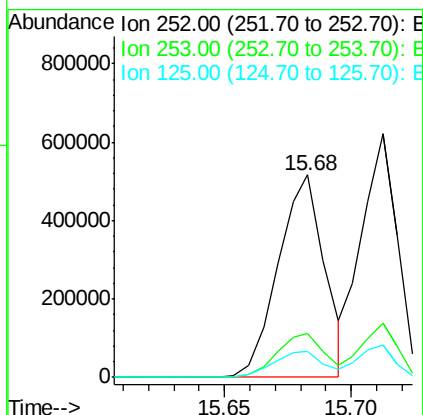
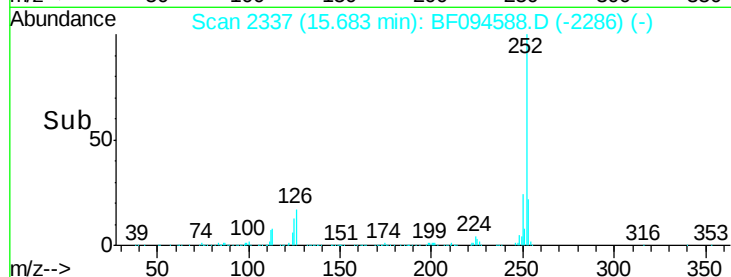
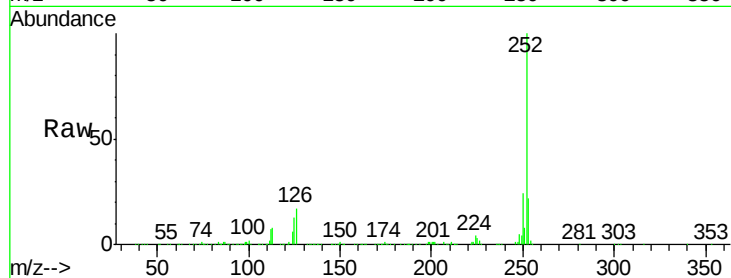
Tot Ion:252 Resp: 656938

Ion Ratio Lower Upper

252 100

253 21.6 18.1 27.1

125 12.8 9.8 14.8



#88

Benzo(k)fluoranthene

Concen: 45.52 ng

RT: 15.71 min Scan# 2342

Delta R.T. -0.01 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

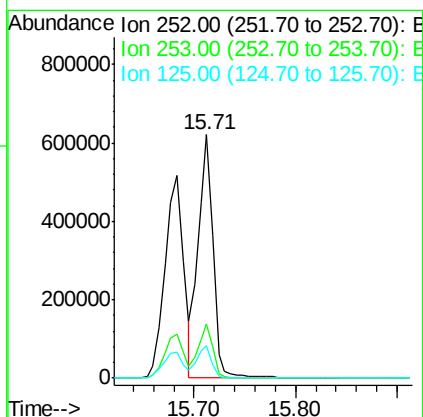
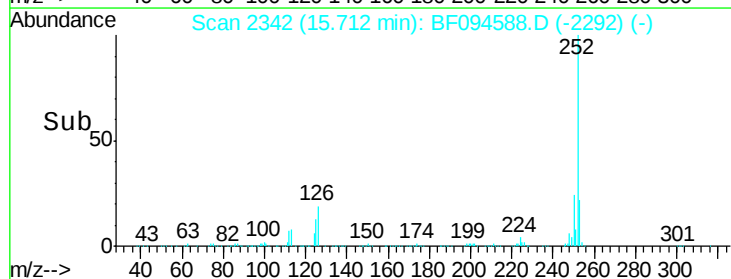
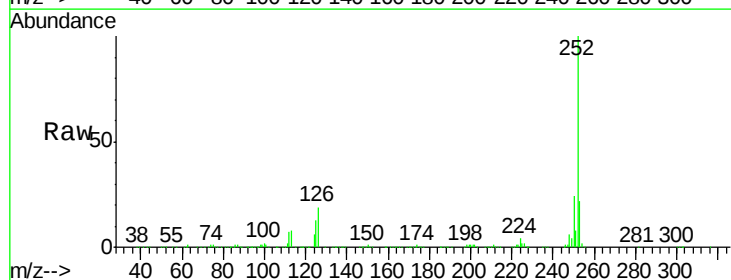
Tgt Ion:252 Resp: 632862

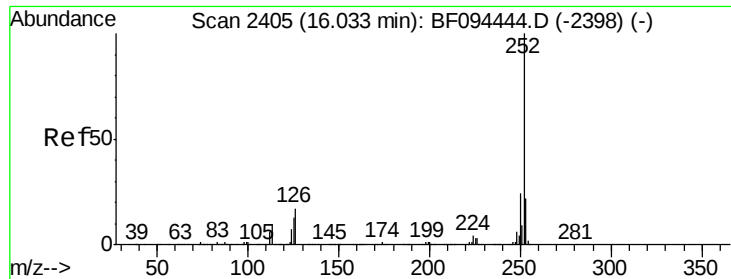
Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

125 13.2 13.1 19.7





#89

Benzo(a)pyrene

Concen: 45.51 ng

RT: 16.02 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

Instrument :

BNA_F

ClientSampleId :

PB98421BS

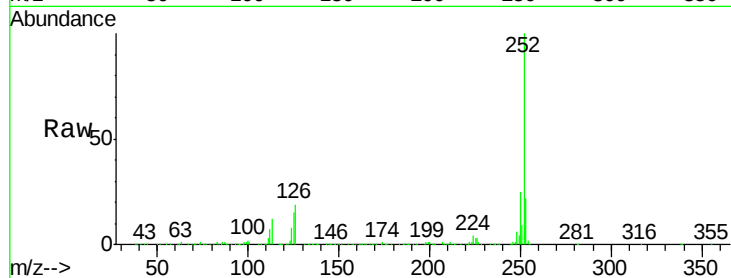
Tot Ion:252 Resp: 621950

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

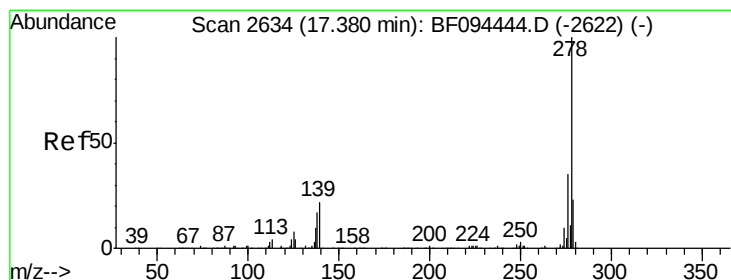
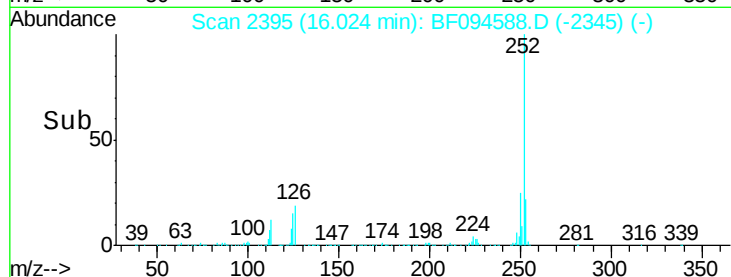
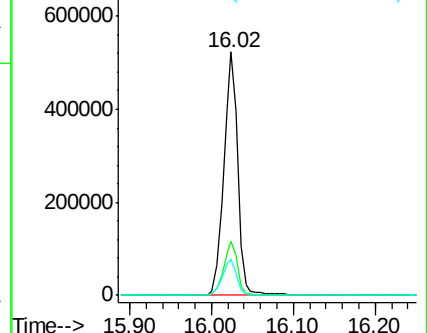
125 14.8 11.0 16.4



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: 48.06 ng

RT: 17.38 min Scan# 2625

Delta R.T. -0.00 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

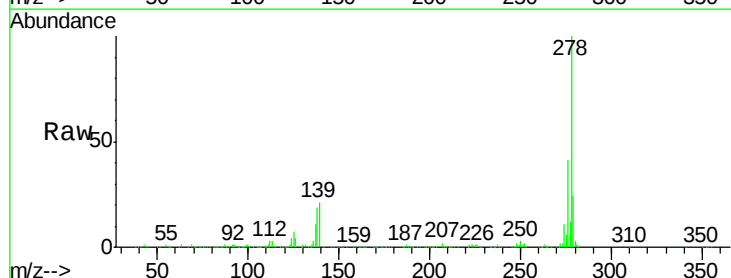
Tgt Ion:278 Resp: 545447

Ion Ratio Lower Upper

278 100

139 21.0 16.6 24.8

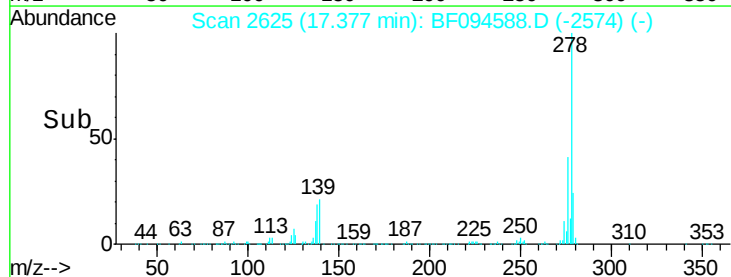
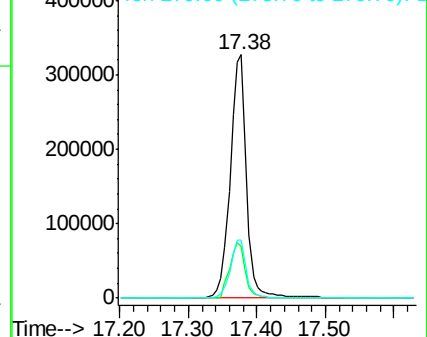
279 23.9 19.3 28.9

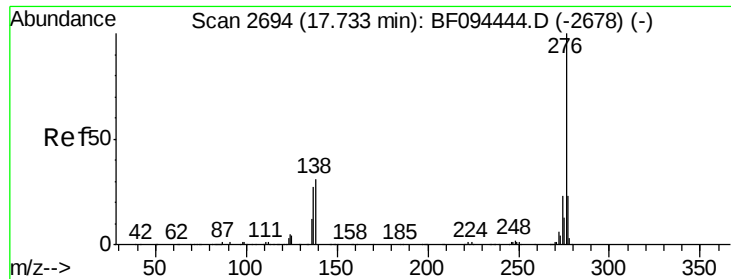


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 45.70 ng

RT: 17.73 min Scan# 2685

Delta R.T. -0.00 min

Lab File: BF094588.D

Acq: 24 Apr 2017 16:36

Instrument :

BNA_F

ClientSampleId :

PB98421BS

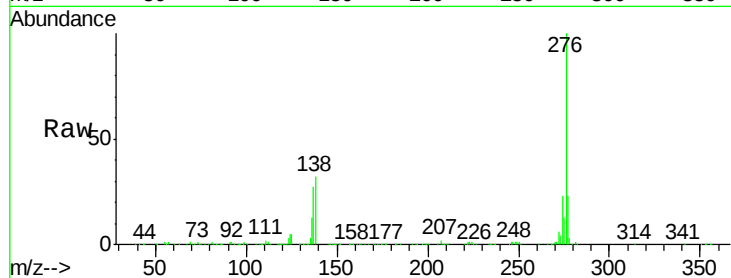
Tot Ion:276 Resp: 527980

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 32.1 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

