

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
 Data File : BF094136.D
 Acq On : 3 Apr 2017 22:17
 Operator : SJ/MA
 Sample : I2493-11MS 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP08-COMPMS

Quant Time: Apr 04 02:19:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.89	152	113554	20.00	ng	-0.02
21) Naphthalene-d8	7.39	136	432971	20.00	ng	-0.02
38) Acenaphthene-d10	9.53	164	171440	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	252765	20.00	ng	-0.02
75) Chrysene-d12	14.62	240	202839	20.00	ng	-0.01
86) Perylene-d12	16.26	264	152003	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.42	112	334224	49.71	ng	-0.02
7) Phenol-d6	5.49	99	399984	48.09	ng	-0.02
23) Nitrobenzene-d5	6.53	82	213664	28.16	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	56229	41.51	ng	-0.02
44) 2-Fluorobiphenyl	8.72	172	454953	40.48	ng	-0.02
78) Terphenyl-d14	13.33	244	262830	29.04	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.23	88	34894	10.80	ng	98
3) Pyridine	2.74	79	106456	12.09	ng	100
4) n-Nitrosodimethylamine	2.68	42	47255	13.05	ng	# 90
6) Aniline	5.50	93	85546	7.39	ng	# 1
8) 2-Chlorophenol	5.65	128	107861	14.60	ng	97
9) Benzaldehyde	5.38	77	65884	11.73	ng	99
10) Phenol	5.50	94	140538	14.85	ng	87
11) bis(2-Chloroethyl)ether	5.59	93	103461	13.99	ng	96
12) 1,3-Dichlorobenzene	5.82	146	119934	14.47	ng	98
13) 1,4-Dichlorobenzene	5.91	146	120881	14.40	ng	98
14) 1,2-Dichlorobenzene	6.08	146	115637	14.96	ng	97
15) Benzyl Alcohol	6.05	79	90989	14.95	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.22	45	142338	12.49	ng	94
17) 2-Methylphenol	6.20	107	85880	13.57	ng	99
18) Hexachloroethane	6.47	117	27591	9.35	ng	# 77
19) n-Nitroso-di-n-propylamine	6.36	70	77127	14.43	ng	96
20) 3+4-Methylphenols	6.38	107	116661	15.22	ng	# 63
22) Acetophenone	6.36	105	162677	16.86	ng	# 85
24) Nitrobenzene	6.55	77	95456	12.76	ng	97
25) Isophorone	6.84	82	191005	14.33	ng	98
26) 2-Nitrophenol	6.93	139	11863	3.32	ng	98
27) 2,4-Dimethylphenol	7.00	122	91801	14.93	ng	98
28) bis(2-Chloroethoxy)methane	7.11	93	126179	14.35	ng	99
29) 2,4-Dichlorophenol	7.23	162	77992	13.57	ng	96
30) 1,2,4-Trichlorobenzene	7.33	180	89873	15.18	ng	99
31) Naphthalene	7.42	128	340082	16.34	ng	100
33) 4-Chloroaniline	7.49	127	67395	7.99	ng	93
34) Hexachlorobutadiene	7.57	225	45388	14.95	ng	97
35) Caprolactam	7.89	113	20294	11.07	ng	96
36) 4-Chloro-3-methylphenol	8.10	107	76427	12.72	ng	88
37) 2-Methylnaphthalene	8.26	142	244973	17.65	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.46	216	78332	16.70	ng	99
42) 2,4,6-Trichlorophenol	8.62	196	45504	13.71	ng	96
43) 2,4,5-Trichlorophenol	8.66	196	43078	12.00	ng	95

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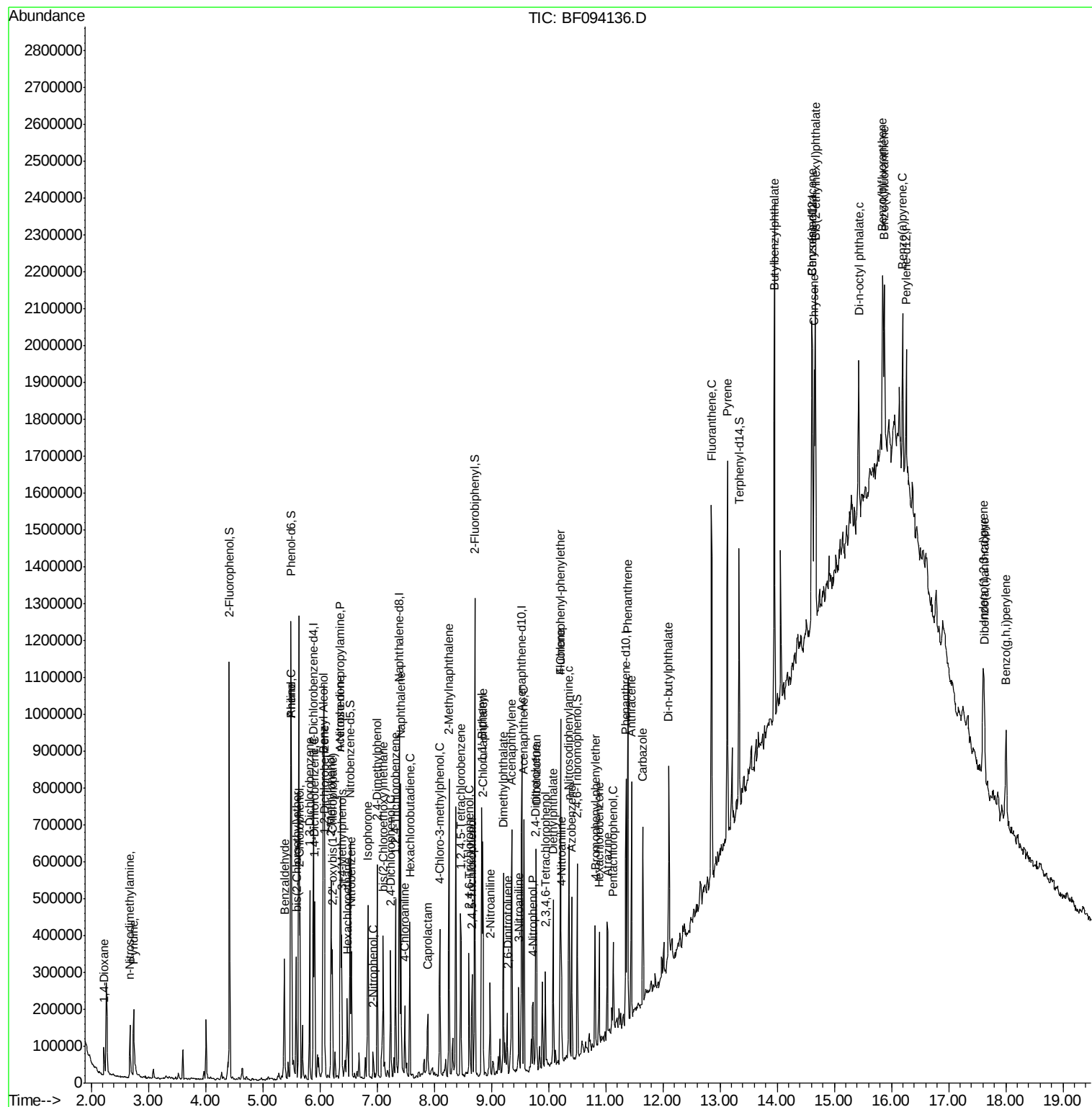
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	8.83	154	232151	16.79	nq	99
46) 2-Chloronaphthalene	8.85	162	175006	16.17	nq	96
47) 2-Nitroaniline	8.97	65	42002	13.08	nq	92
48) Acenaphthylene	9.36	152	279716	15.55	nq	98
49) Dimethylphthalate	9.21	163	234654	19.26	nq	99
50) 2,6-Dinitrotoluene	9.28	165	18620	6.67	nq	# 88
51) Acenaphthene	9.57	154	163561	15.58	nq	98
52) 3-Nitroaniline	9.48	138	36174	11.03	nq	91
54) Dibenzofuran	9.79	168	240198	16.81	nq	98
55) 4-Nitrophenol	9.73	139	34027	13.25	nq	# 68
56) 2,4-Dinitrotoluene	9.77	165	21263	6.06	nq	# 73
57) Fluorene	10.20	166	189737	16.01	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.95	232	29123	11.82	nq	98
59) Diethylphthalate	10.09	149	193529	16.07	nq	99
60) 4-Chlorophenyl-phenylether	10.22	204	80314	15.91	nq	88
61) 4-Nitroaniline	10.23	138	35401	11.25	nq	95
62) Azobenzene	10.41	77	164128	14.40	nq	92
65) n-Nitrosodiphenylamine	10.36	169	148669	17.01	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	39953	16.07	nq	98
67) Hexachlorobenzene	10.89	284	38298	15.22	nq	# 86
68) Atrazine	11.03	200	38455	14.69	nq	98
69) Pentachlorophenol	11.13	266	27480	17.54	nq	98
70) Phenanthrene	11.39	178	373249	26.55	nq	99
71) Anthracene	11.45	178	271525	18.75	nq	99
72) Carbazole	11.65	167	206556	13.91	nq	99
73) Di-n-butylphthalate	12.10	149	282732	18.31	nq	99
74) Fluoranthene	12.85	202	469570	32.61	nq	99
77) Pvrene	13.13	202	454955	30.91	nq	98
79) Butylbenzylphthalate	13.95	149	405851	64.71	nq	# 83
80) Benzo(a)anthracene	14.61	228	305247	25.81	nq	99
82) Chrysene	14.65	228	278131	25.34	nq	98
83) Bis(2-ethylhexyl)phthalate	14.67	149	333524	38.98	nq	99
84) Di-n-octyl phthalate	15.43	149	241177	16.87	nq	97
85) Indeno(1,2,3-cd)pyrene	17.60	276	198742	20.91	nq	96
87) Benzo(b)fluoranthene	15.85	252	297875	31.97	nq	# 95
88) Benzo(k)fluoranthene	15.87	252	190965	20.95	nq	97
89) Benzo(a)pyrene	16.20	252	232404	27.09	nq	# 91
90) Dibenzo(a,h)anthracene	17.63	278	120652	16.60	nq	# 92
91) Benzo(g,h,i)perylene	18.00	276	199508	27.24	nq	99

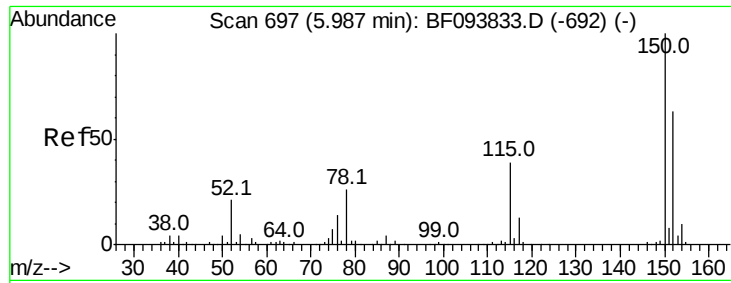
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.89 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMS

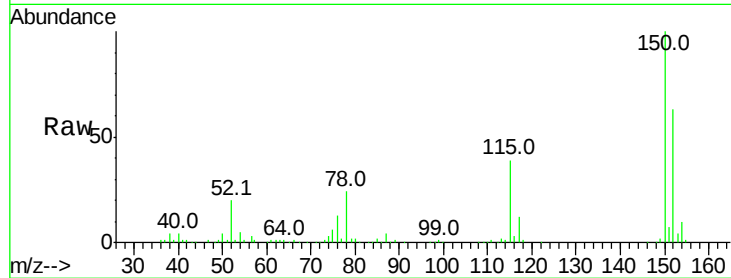
Tot Ion:152 Resp: 113554

Ion Ratio Lower Upper

152 100

150 159.8 126.2 189.2

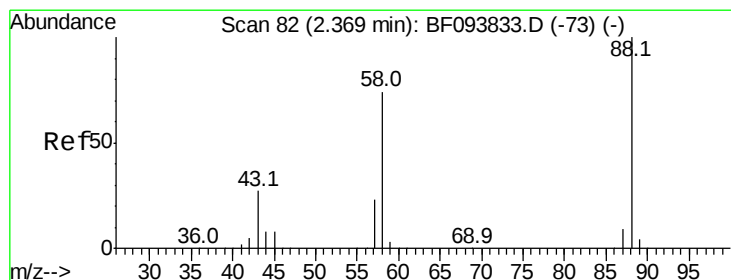
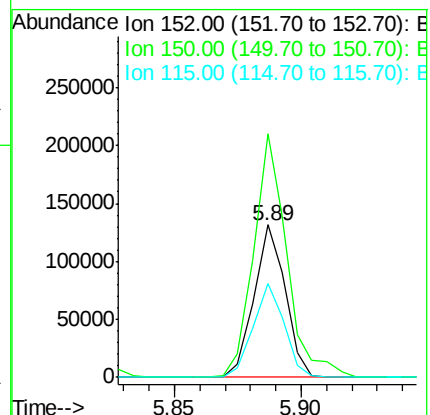
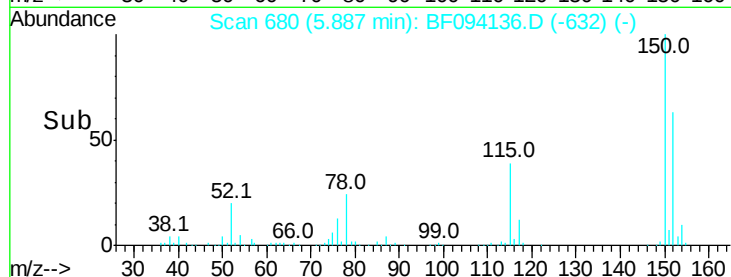
115 61.6 52.2 78.2



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: 10.80 ng

RT: 2.23 min Scan# 58

Delta R.T. -0.02 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

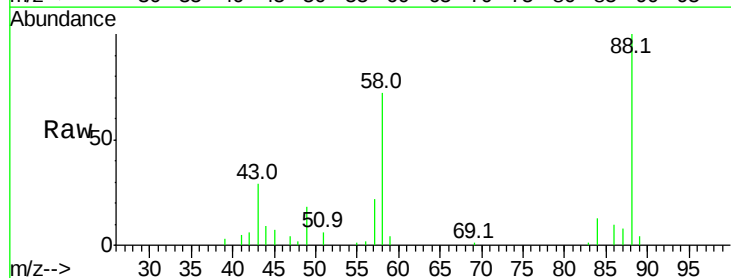
Tgt Ion: 88 Resp: 34894

Ion Ratio Lower Upper

88 100

58 78.7 61.4 92.0

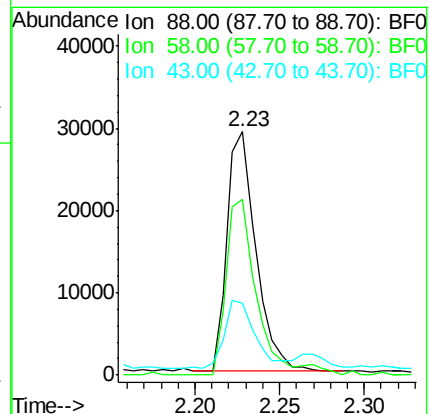
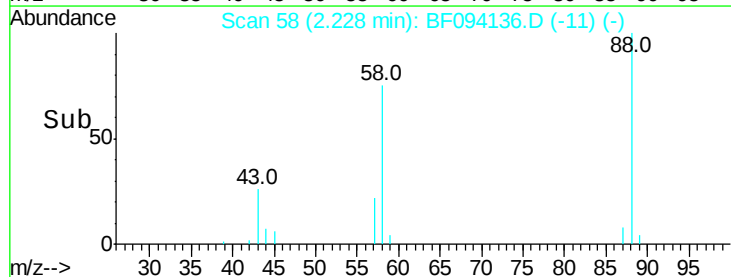
43 29.7 23.4 35.0

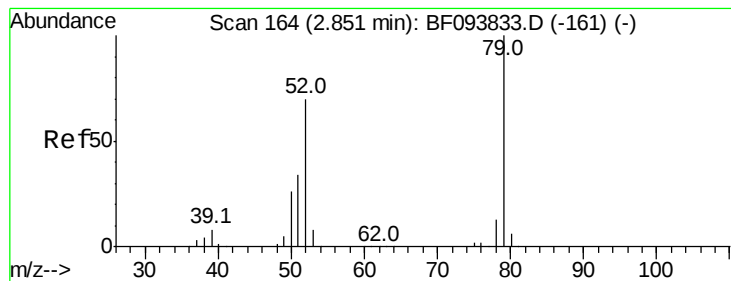


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 12.09 ng

RT: 2.74 min Scan# 145

Delta R.T. -0.01 min

Lab File: BF094136.D

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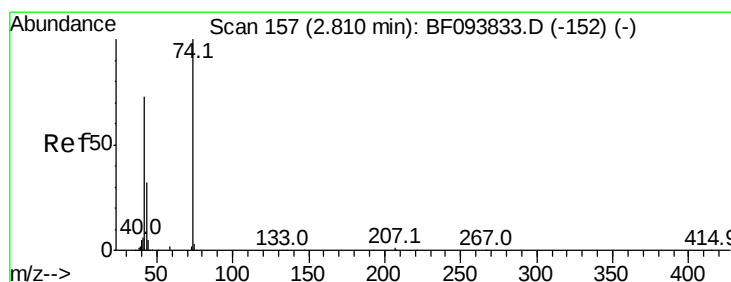
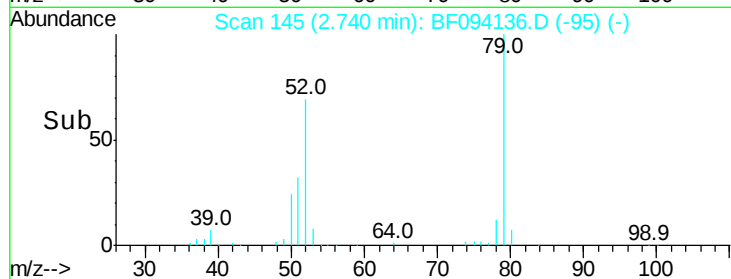
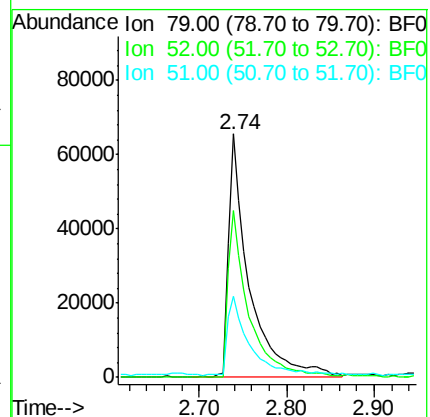
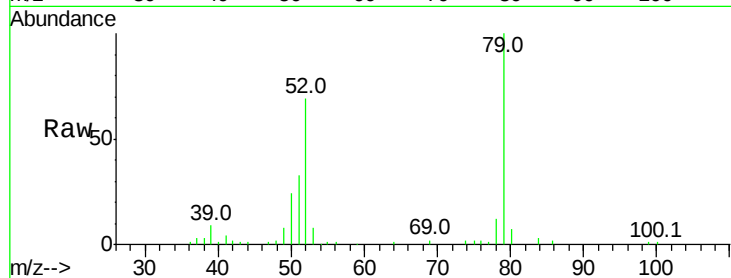
Tot Ion: 79 Resp: 106456

Ion Ratio Lower Upper

79 100

52 68.6 54.8 82.2

51 33.3 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 13.05 ng

RT: 2.68 min Scan# 134

Delta R.T. -0.04 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

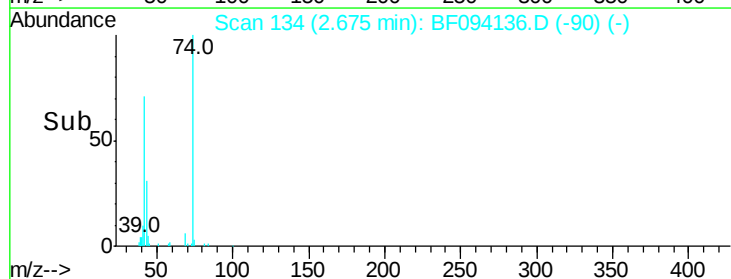
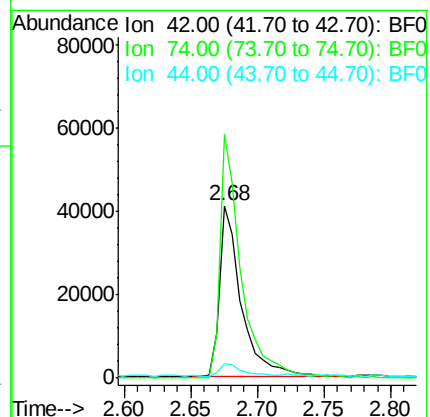
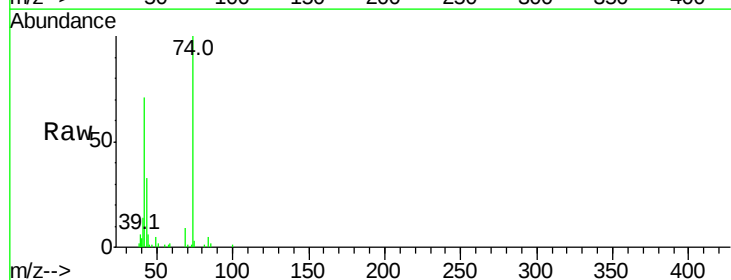
Tgt Ion: 42 Resp: 47255

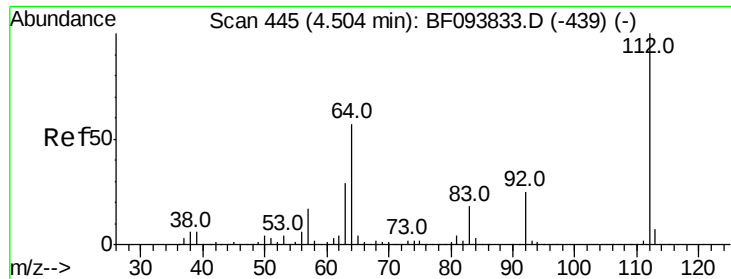
Ion Ratio Lower Upper

42 100

74 141.3 103.9 155.9

44 8.6 5.7 8.5#





#5

2-Fluorophenol

Concen: 49.71 ng

RT: 4.42 min Scan# 430

Delta R.T. -0.02 min

Lab File: BF094136.D

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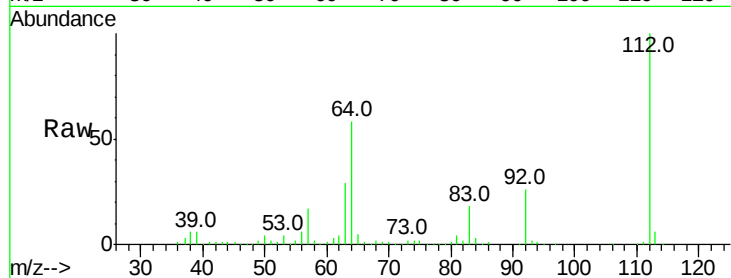
Tot Ion:112 Resp: 334224

Ion Ratio Lower Upper

112 100

64 58.5 46.0 69.0

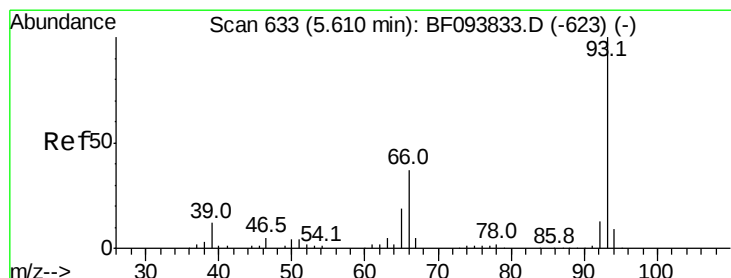
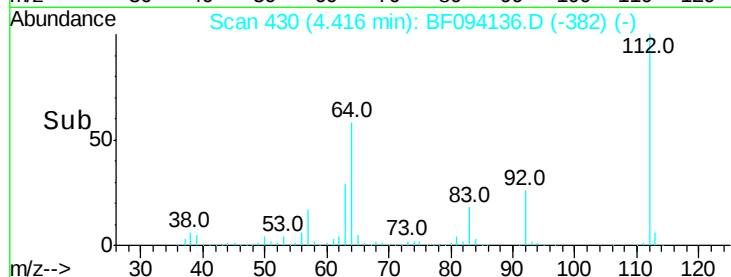
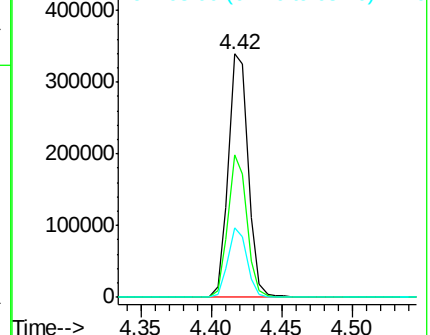
63 28.6 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 7.39 ng

RT: 5.50 min Scan# 615

Delta R.T. -0.02 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

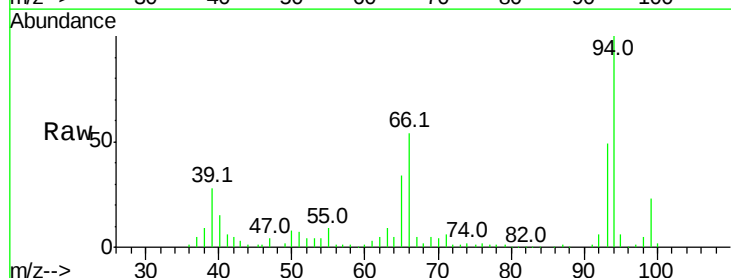
Tgt Ion: 93 Resp: 85546

Ion Ratio Lower Upper

93 100

66 109.6 32.9 49.3#

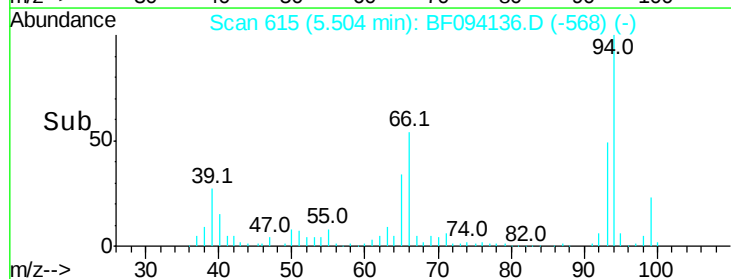
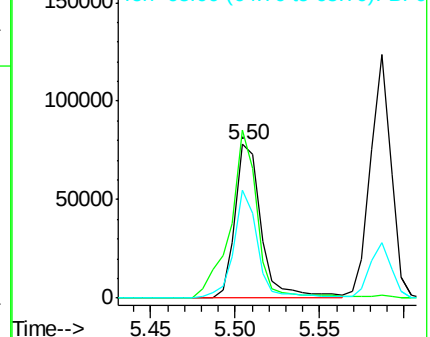
65 70.0 16.0 24.0#

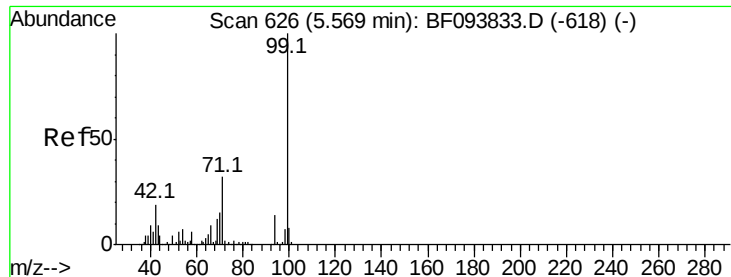


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 48.09 ng

RT: 5.49 min Scan# 613

Delta R.T. -0.02 min

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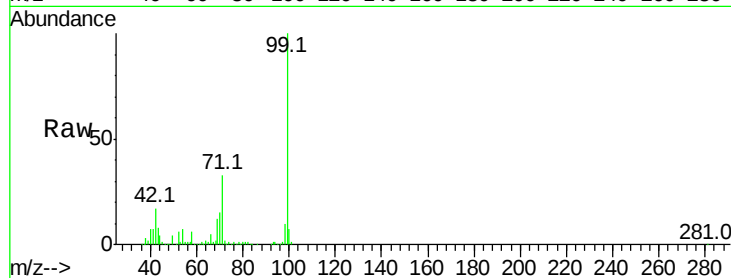
Tot Ion: 99 Resp: 399984

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

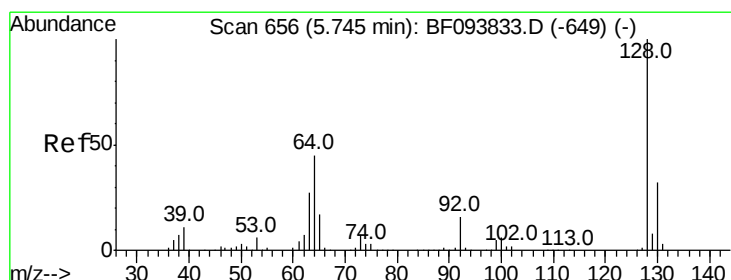
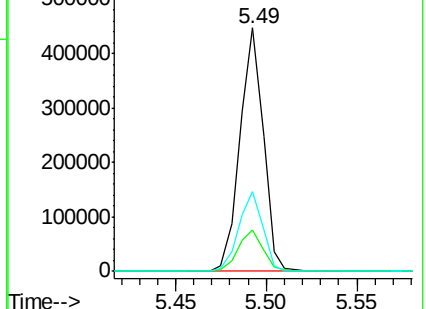
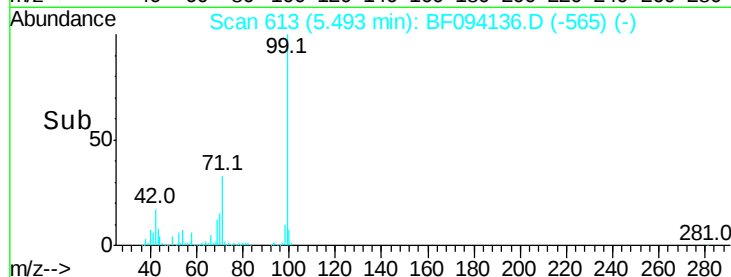
71 32.9 24.5 36.7



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: 14.60 ng

RT: 5.65 min Scan# 640

Delta R.T. -0.02 min

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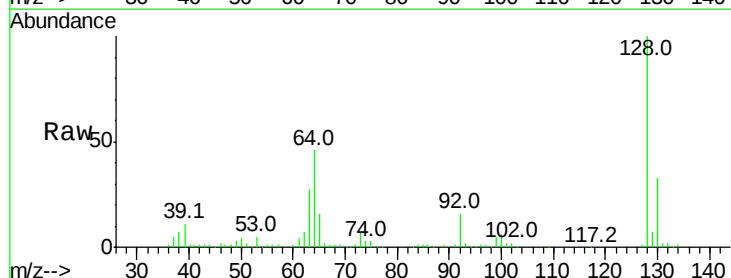
Tgt Ion: 128 Resp: 107861

Ion Ratio Lower Upper

128 100

130 33.2 12.9 52.9

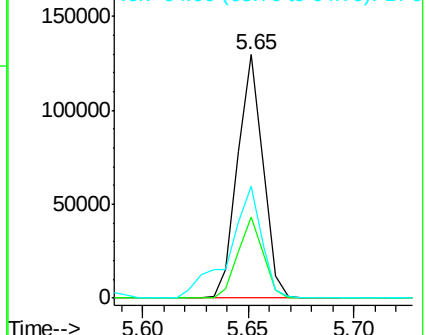
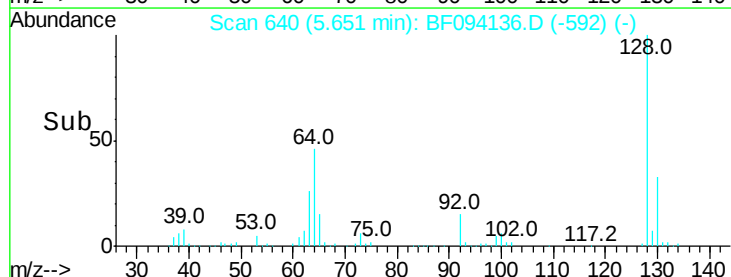
64 45.7 28.4 68.4

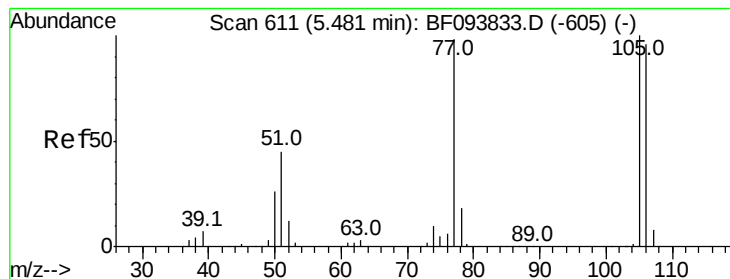


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.73 ng

RT: 5.38 min Scan# 594

Delta R.T. -0.02 min

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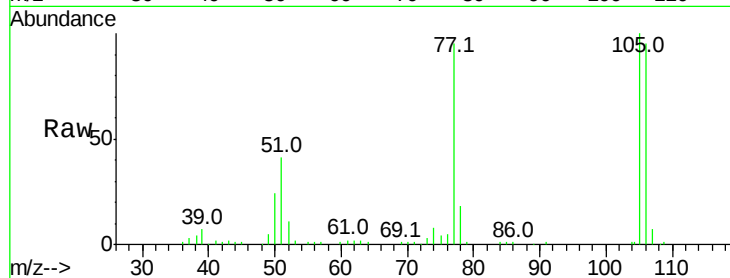
Tot Ion: 77 Resp: 65884

Ion Ratio Lower Upper

77 100

105 105.2 83.8 123.8

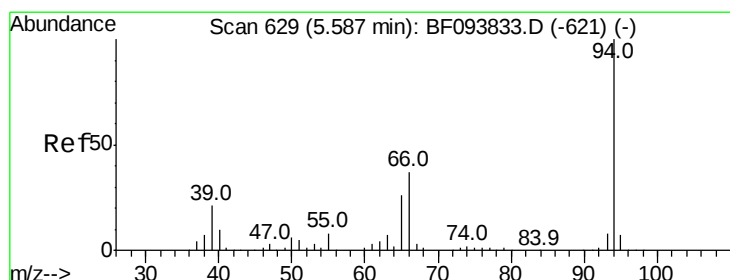
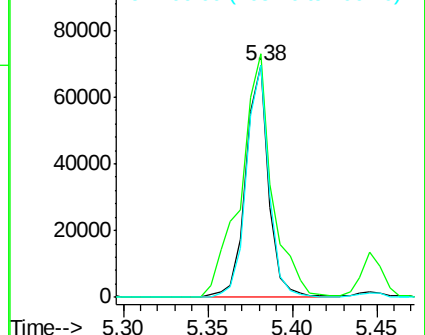
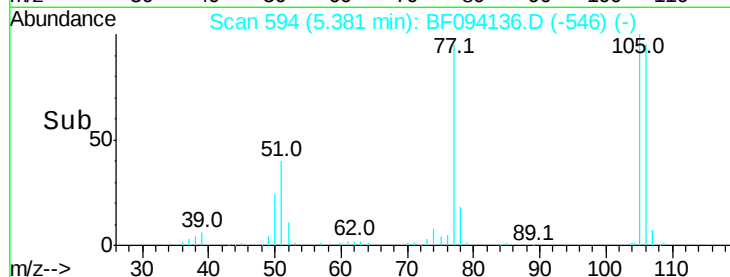
106 100.4 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 14.85 ng

RT: 5.50 min Scan# 615

Delta R.T. -0.02 min

Lab File: BF094136.D

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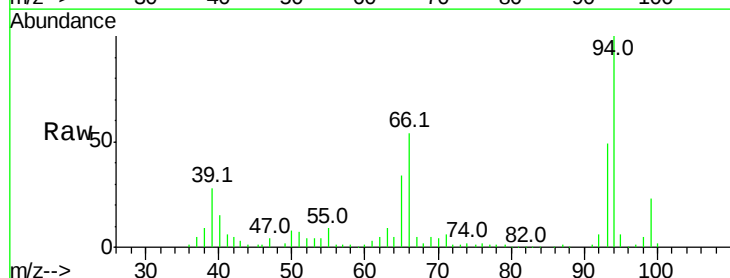
Tgt Ion: 94 Resp: 140538

Ion Ratio Lower Upper

94 100

65 34.5 9.9 49.9

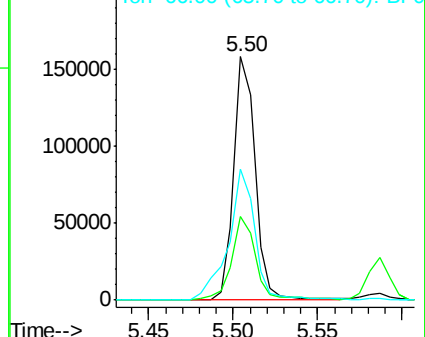
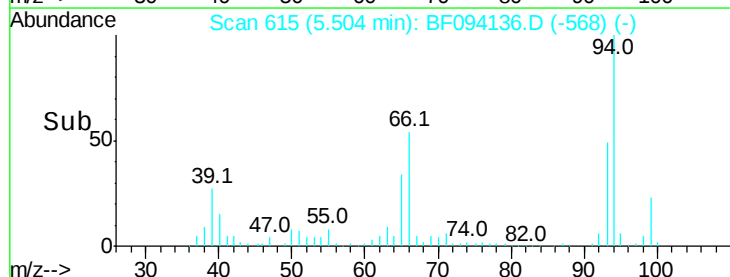
66 54.0 23.1 63.1

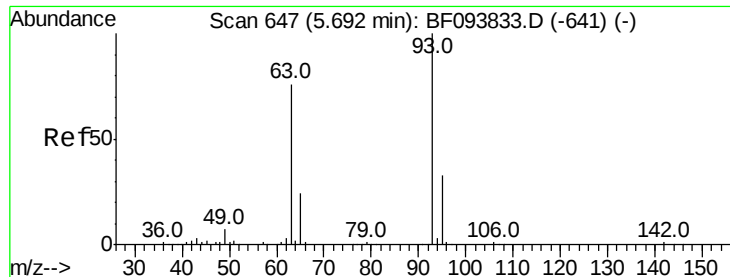


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 13.99 ng

RT: 5.59 min Scan# 629

Delta R.T. -0.02 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMS

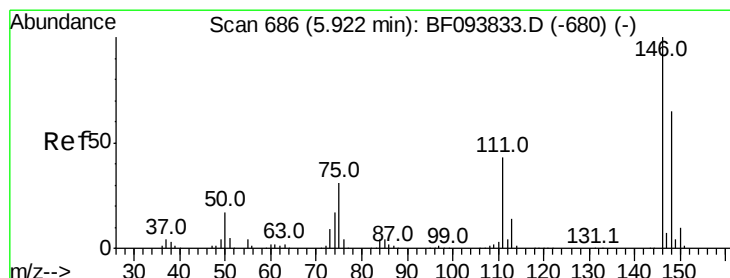
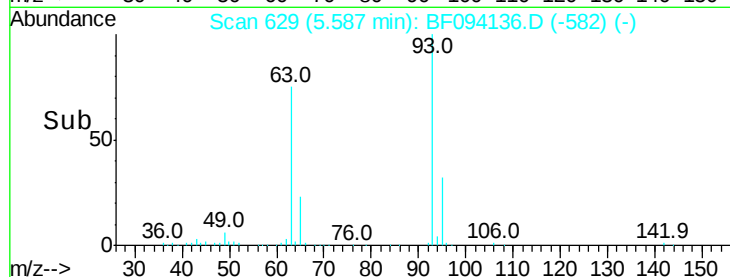
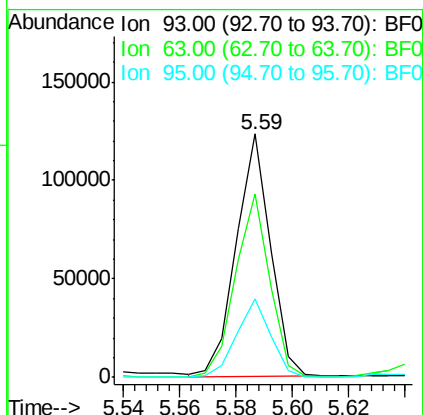
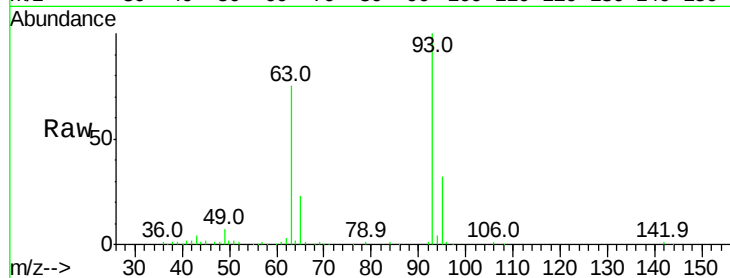
Tot Ion: 93 Resp: 103461

Ion Ratio Lower Upper

93 100

63 75.2 59.2 99.2

95 32.0 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 14.47 ng

RT: 5.82 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

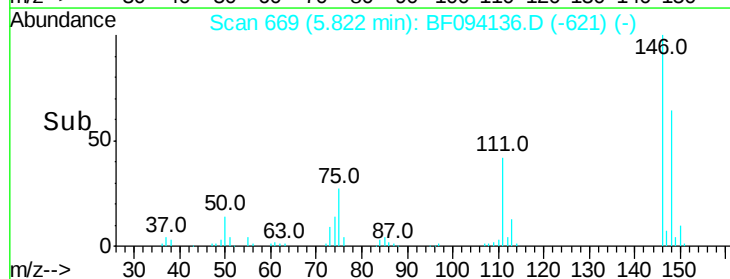
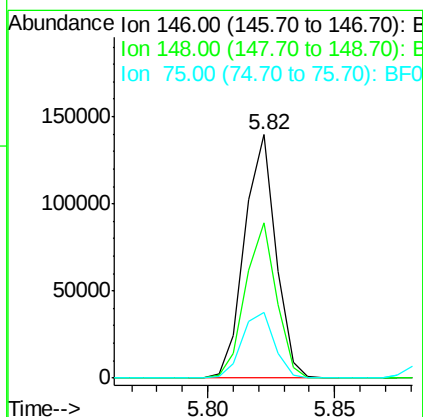
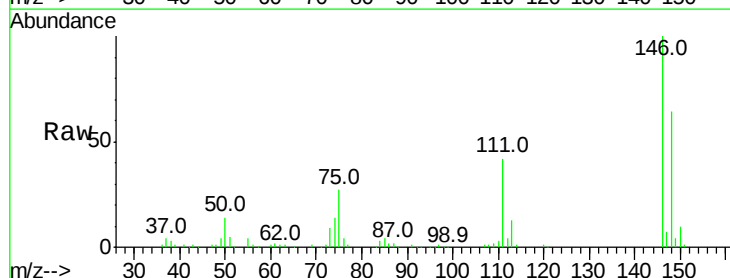
Tgt Ion: 146 Resp: 119934

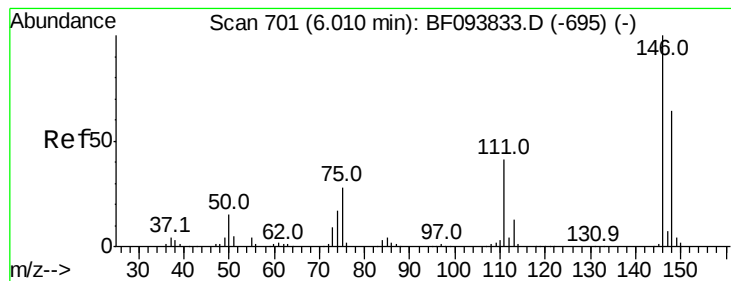
Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.6

75 27.1 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 14.40 ng

RT: 5.91 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMS

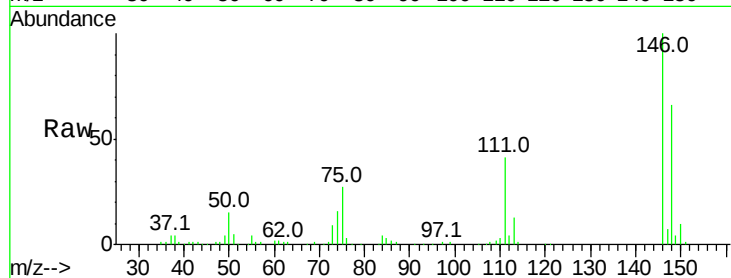
Tot Ion:146 Resp: 120881

Ion Ratio Lower Upper

146 100

148 65.7 52.2 78.2

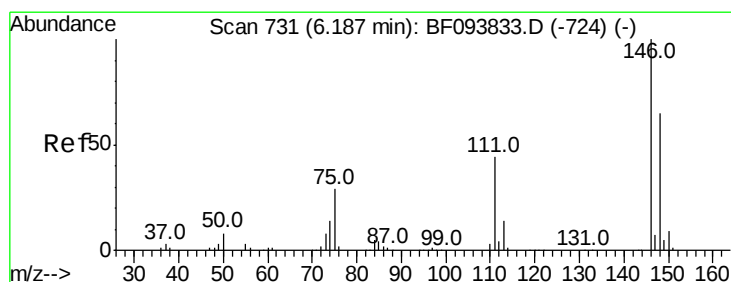
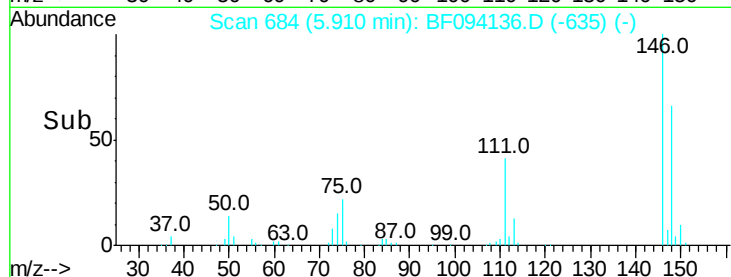
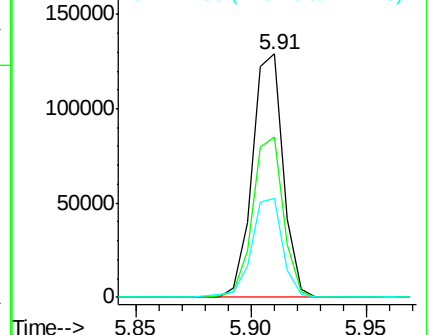
111 40.8 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 14.96 ng

RT: 6.08 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

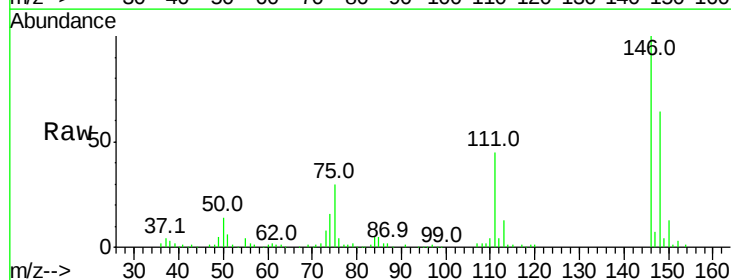
Tgt Ion:146 Resp: 115637

Ion Ratio Lower Upper

146 100

148 64.1 50.4 75.6

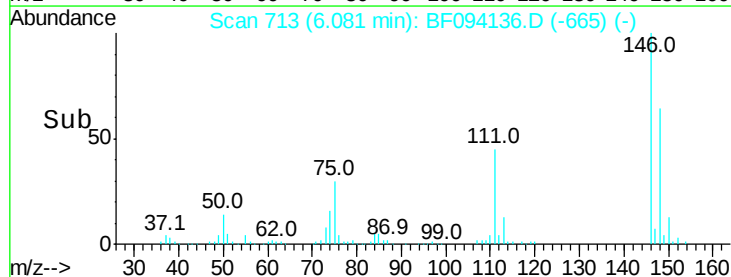
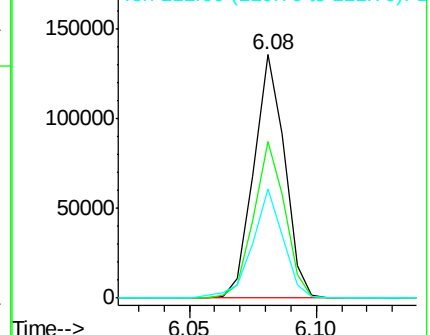
111 44.9 38.2 57.4



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: 14.95 ng

RT: 6.05 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMS

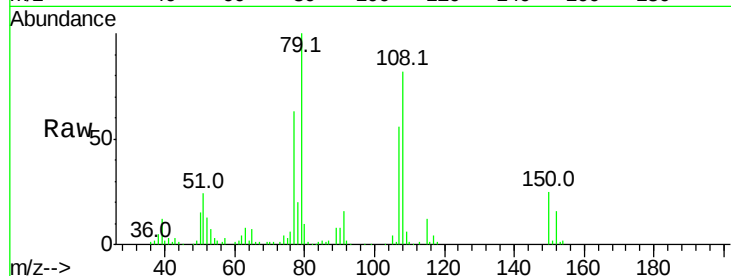
Tot Ion: 79 Resp: 90989

Ion Ratio Lower Upper

79 100

108 82.4 63.4 95.0

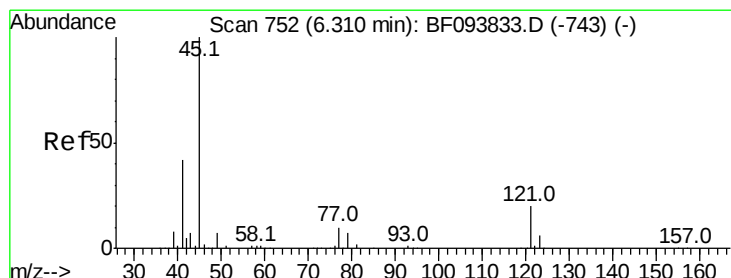
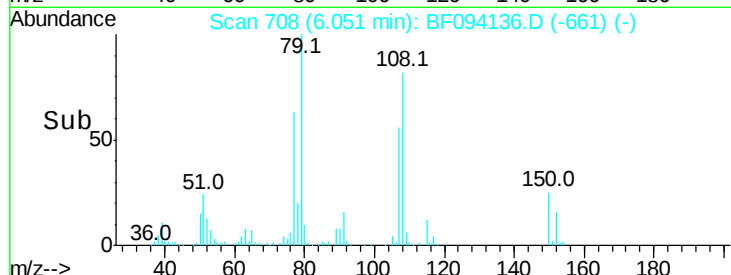
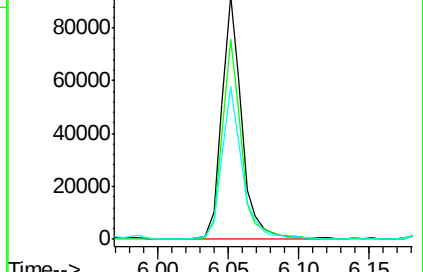
77 62.7 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 12.49 ng

RT: 6.22 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

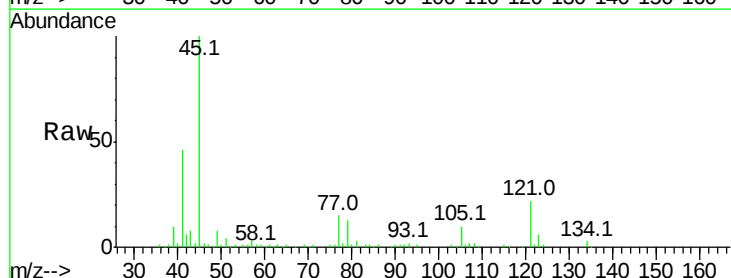
Tgt Ion: 45 Resp: 142338

Ion Ratio Lower Upper

45 100

77 15.0 0.0 33.2

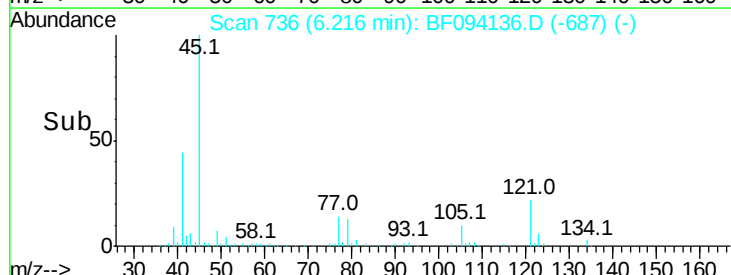
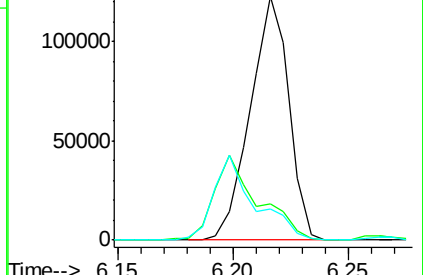
79 12.9 0.0 30.0

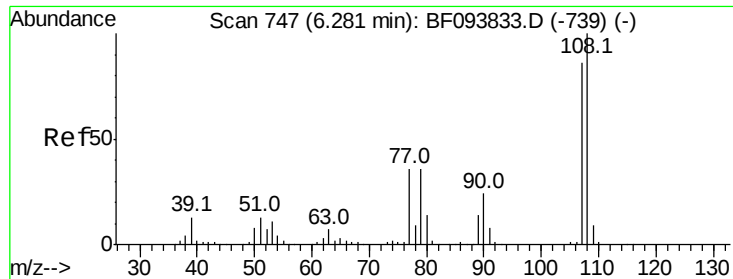


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

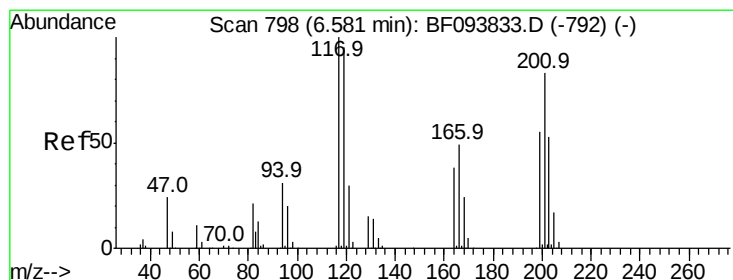
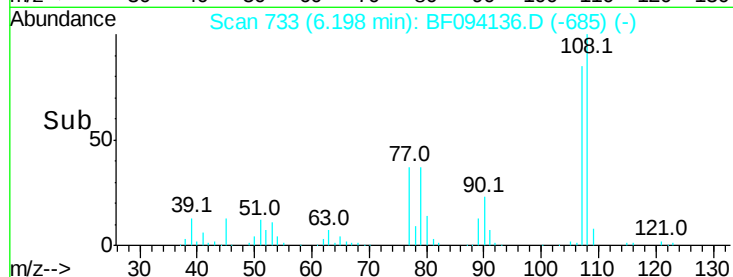
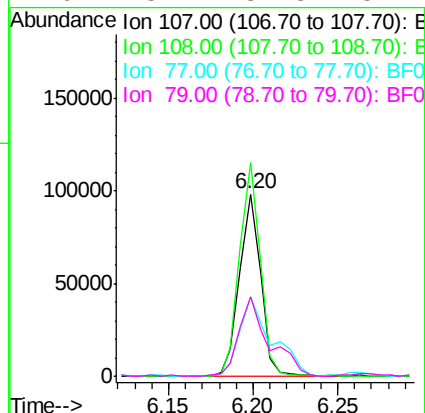
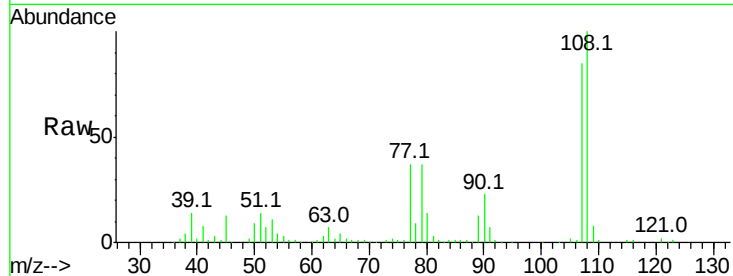




#17
2-Methylphenol
Concen: 13.57 ng
RT: 6.20 min Scan# 733
Delta R.T. -0.02 min
Lab File: BF094136.D
Acq: 3 Apr 2017 22:17

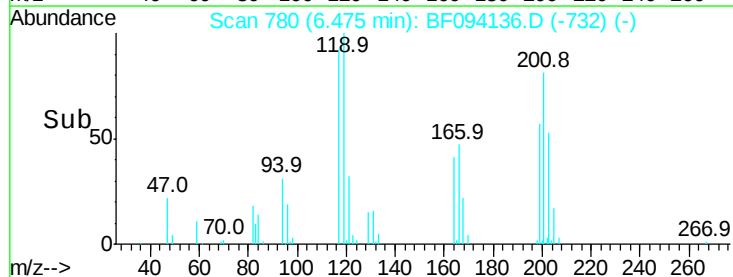
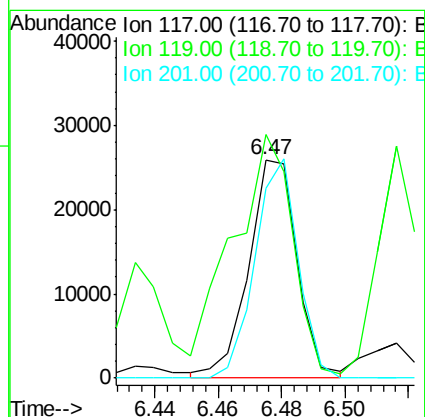
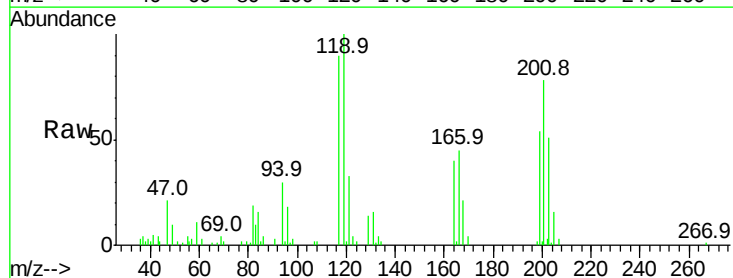
Instrument :
BNA_F
ClientSampleId :
LSS-SP08-COMPMS

Tot Ion:107 Resp: 85880
Ion Ratio Lower Upper
107 100
108 117.2 93.4 140.0
77 43.6 35.8 53.6
79 43.7 34.8 52.2



#18
Hexachloroethane
Concen: 9.35 ng
RT: 6.47 min Scan# 780
Delta R.T. -0.02 min
Lab File: BF094136.D
Acq: 3 Apr 2017 22:17

Tgt Ion:117 Resp: 27591
Ion Ratio Lower Upper
117 100
119 111.6 77.4 116.0
201 86.8 94.6 141.8#

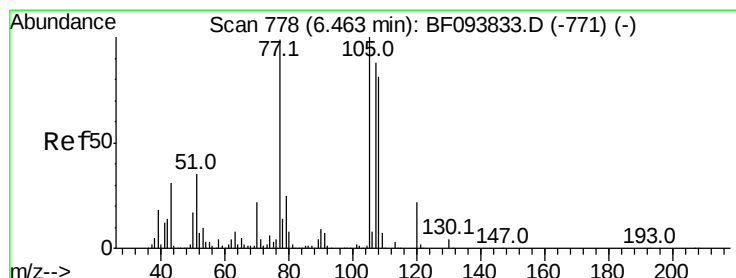
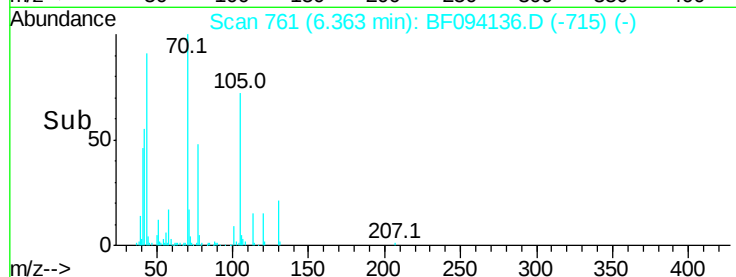
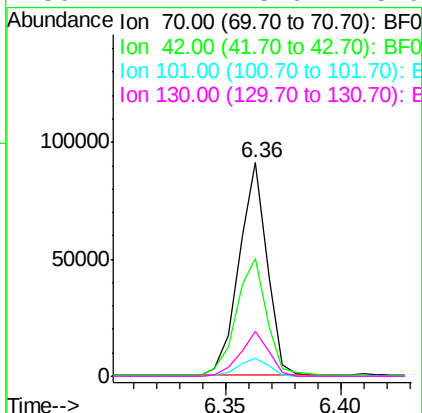
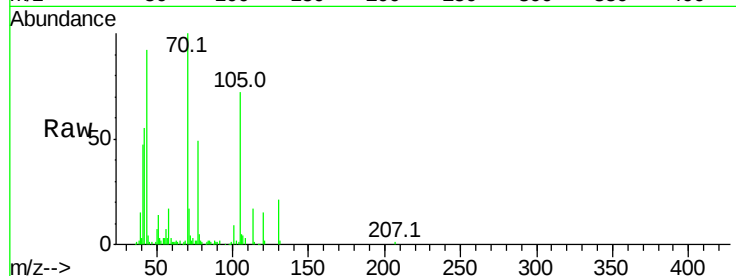




#19
n-Nitroso-di-n-propylamine
Concen: 14.43 ng
RT: 6.36 min Scan# 761
Delta R.T. -0.03 min
Lab File: BF094136.D
Acq: 3 Apr 2017 22:17

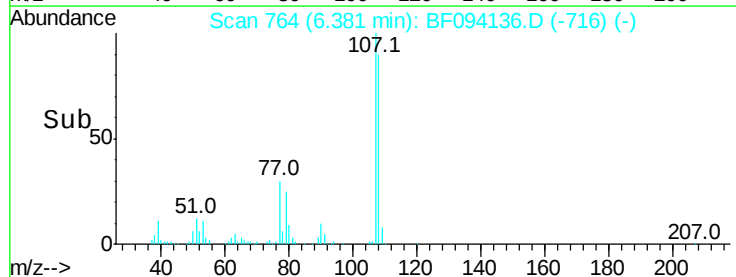
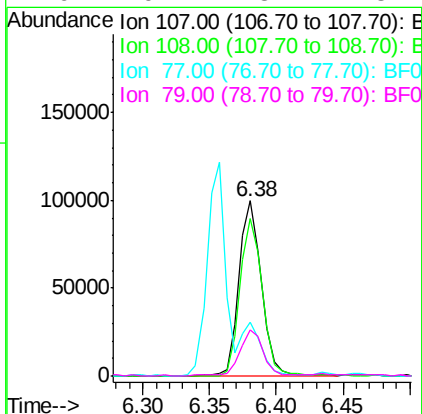
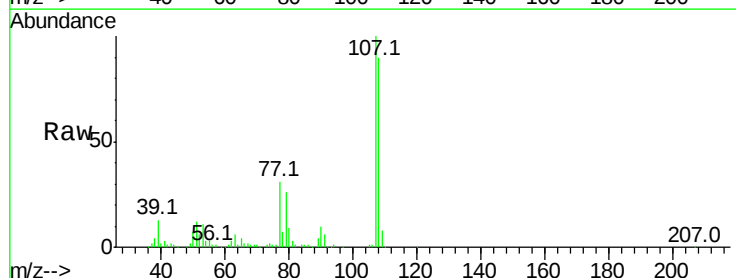
Instrument :
BNA_F
ClientSampleId :
LSS-SP08-COMPMS

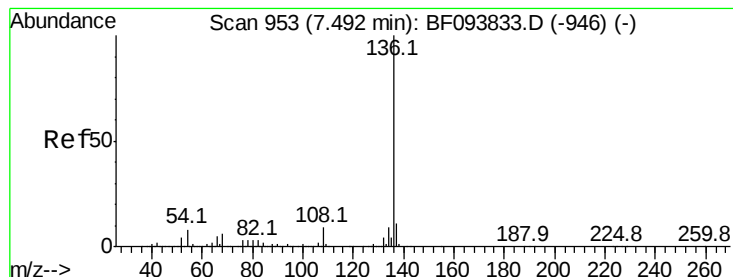
Tot Ion:	70	Resp:	77127
Ion	Ratio	Lower	Upper
70	100		
42	55.3	47.2	70.8
101	8.7	7.2	10.8
130	21.1	15.9	23.9



#20
3+4-Methylphenols
Concen: 15.22 ng
RT: 6.38 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF094136.D
Acq: 3 Apr 2017 22:17

Tgt Ion:	107	Resp:	116661
Ion	Ratio	Lower	Upper
107	100		
108	90.0	71.0	111.0
77	30.6	90.5	130.5#
79	26.2	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.39 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMS

Tot Ion:136 Resp: 432971

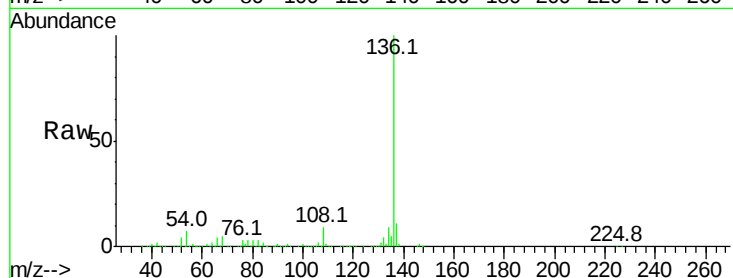
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.2 4.9 7.3

68 5.5 4.1 6.1

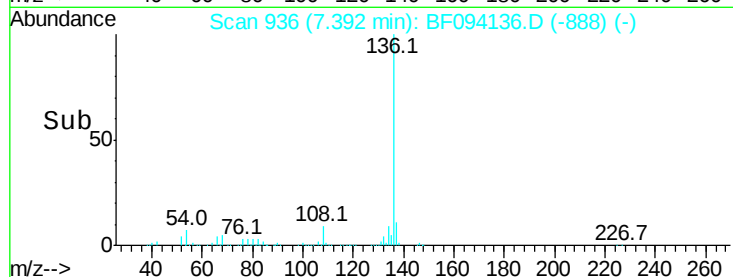


Abundance Ion 136.00 (135.70 to 136.70): E

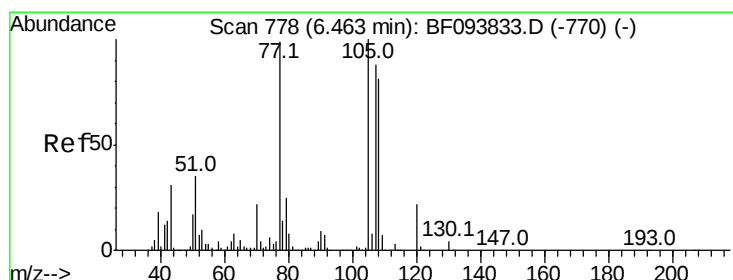
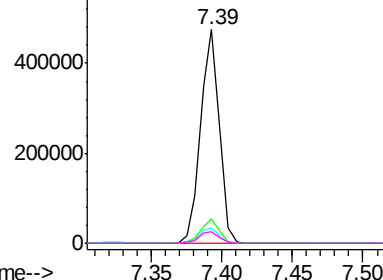
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 16.86 ng

RT: 6.36 min Scan# 760

Delta R.T. -0.02 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

Tgt Ion:105 Resp: 162677

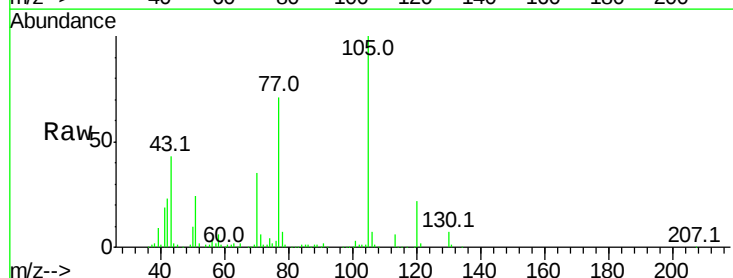
Ion Ratio Lower Upper

105 100

71 6.4 2.8 4.2#

51 24.3 30.7 46.1#

120 21.9 17.4 26.0

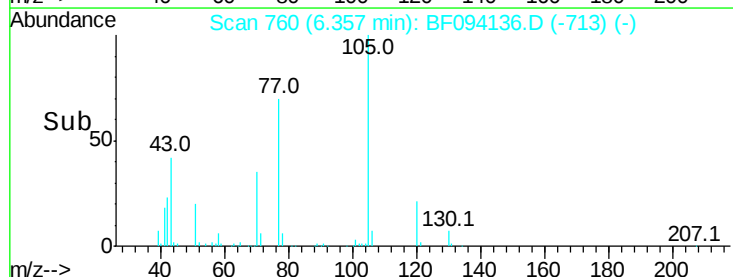


Abundance Ion 105.00 (104.70 to 105.70): E

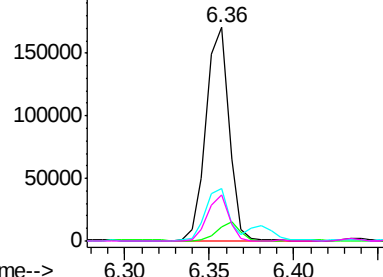
Ion 71.00 (70.70 to 71.70): BF0

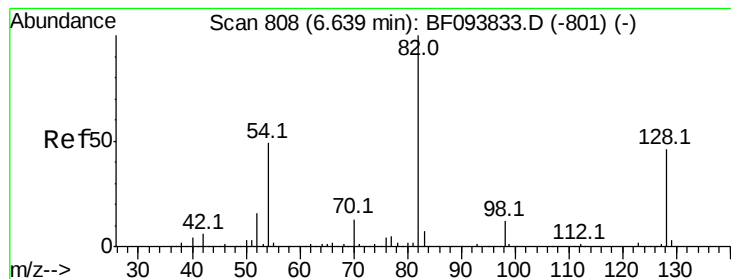
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 28.16 ng

RT: 6.53 min Scan# 790

Delta R.T. -0.02 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMS

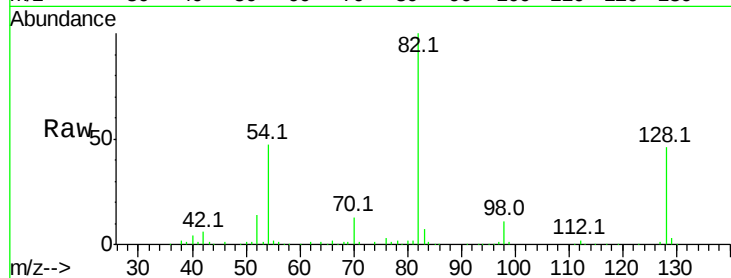
Tot Ion: 82 Resp: 213664

Ion Ratio Lower Upper

82 100

128 46.4 34.0 51.0

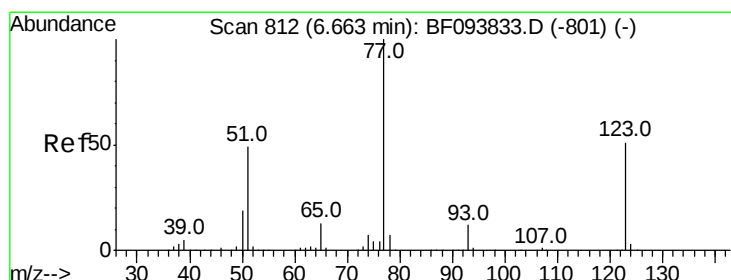
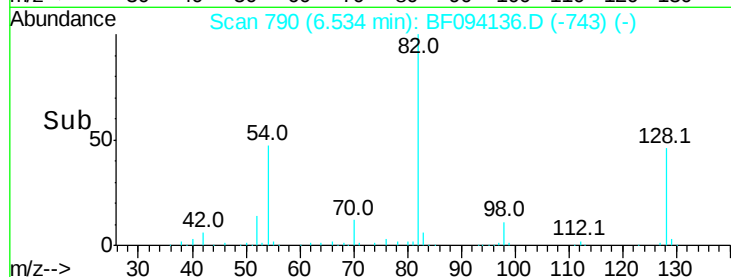
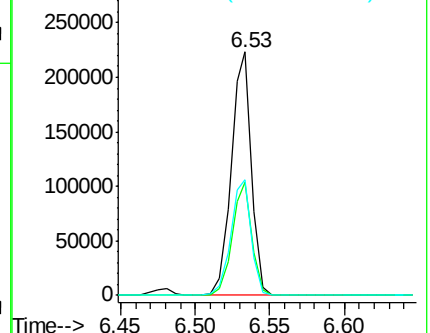
54 47.4 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 12.76 ng

RT: 6.55 min Scan# 793

Delta R.T. -0.03 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

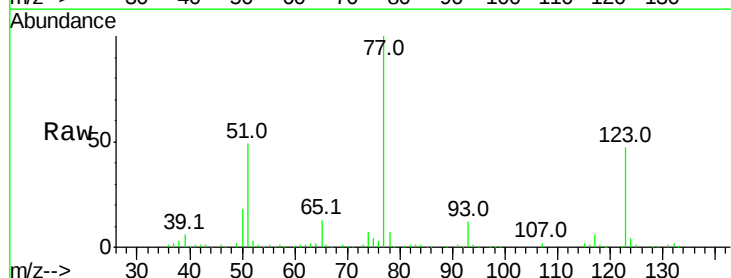
Tgt Ion: 77 Resp: 95456

Ion Ratio Lower Upper

77 100

123 46.7 35.8 53.8

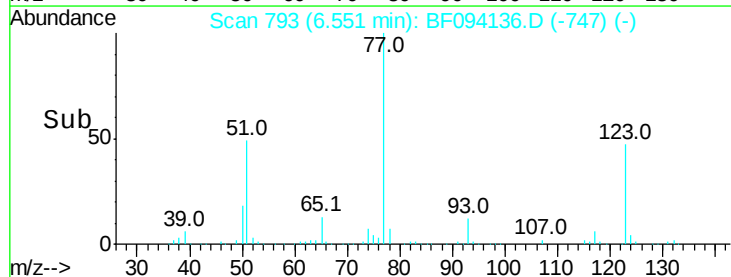
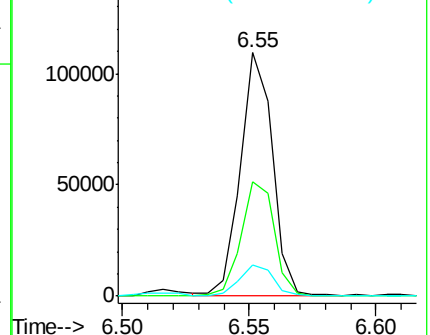
65 12.8 10.6 15.8

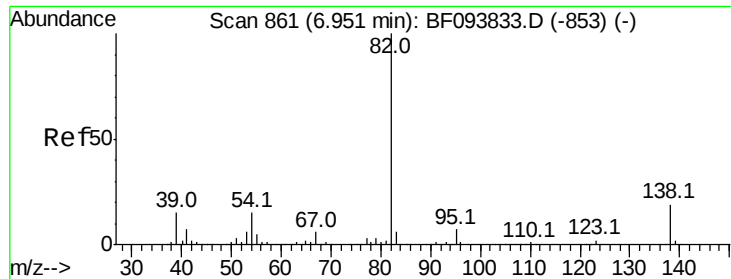


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 14.33 ng

RT: 6.84 min Scan# 842

Delta R.T. -0.03 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMS

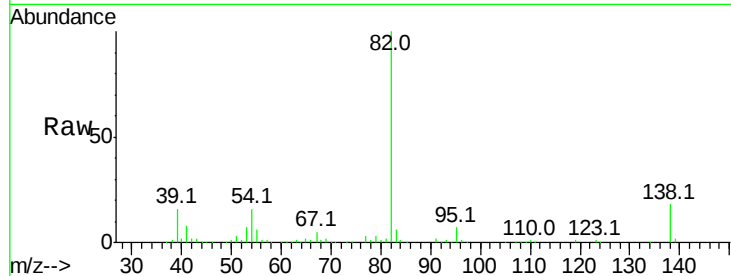
Tot Ion: 82 Resp: 191005

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

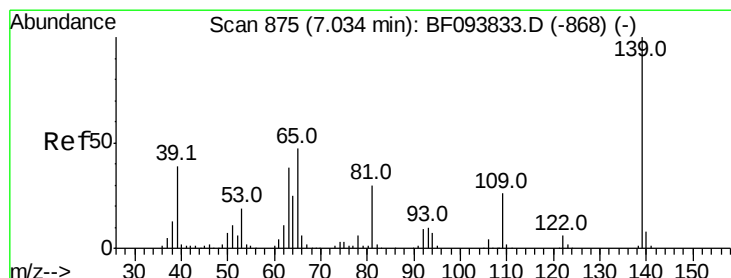
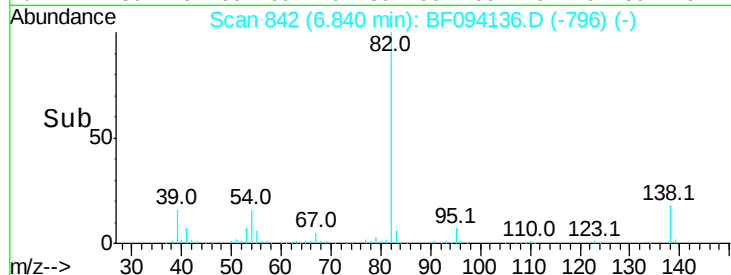
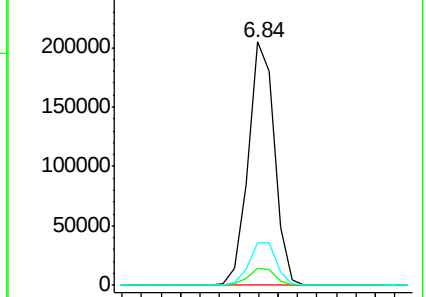
138 17.6 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 3.32 ng

RT: 6.93 min Scan# 858

Delta R.T. -0.02 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

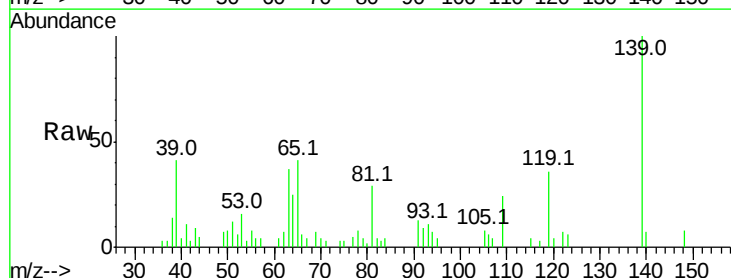
Tgt Ion:139 Resp: 11863

Ion Ratio Lower Upper

139 100

109 24.4 21.0 31.6

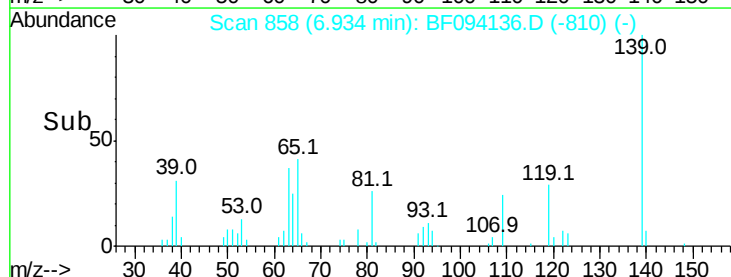
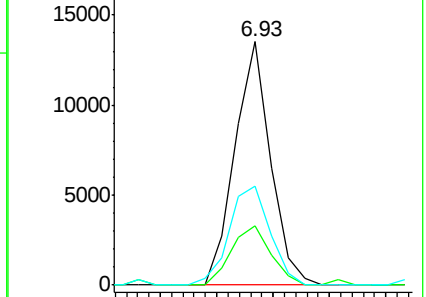
65 40.9 33.0 49.6

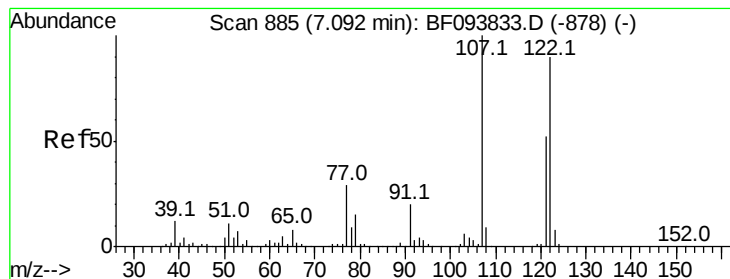


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 14.93 ng

RT: 7.00 min Scan# 870

Delta R.T. -0.02 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMS

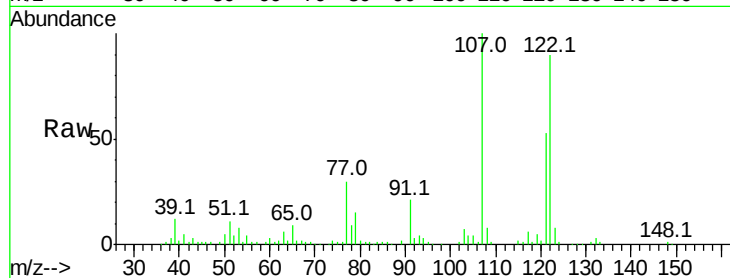
Tot Ion:122 Resp: 91801

Ion Ratio Lower Upper

122 100

107 111.7 89.2 133.8

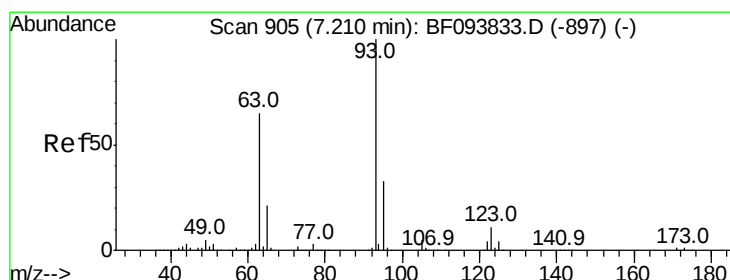
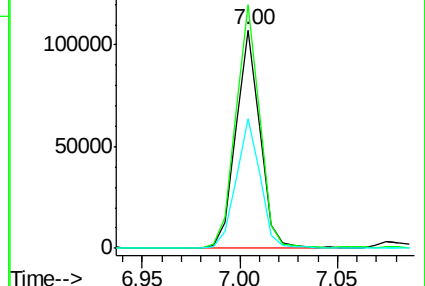
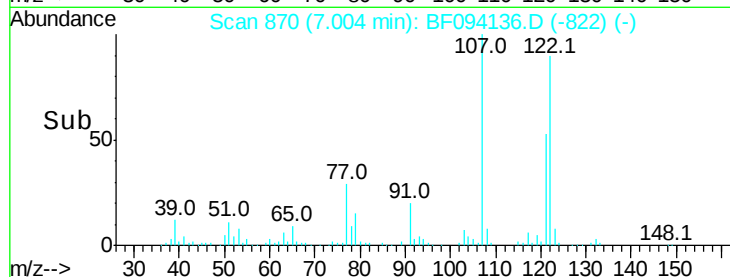
121 59.5 45.2 67.8



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: 14.35 ng

RT: 7.11 min Scan# 888

Delta R.T. -0.02 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

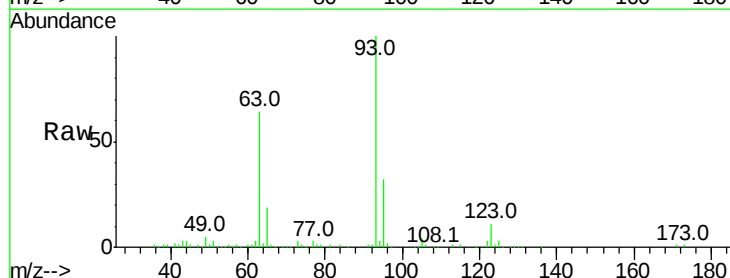
Tgt Ion: 93 Resp: 126179

Ion Ratio Lower Upper

93 100

95 32.1 26.5 39.7

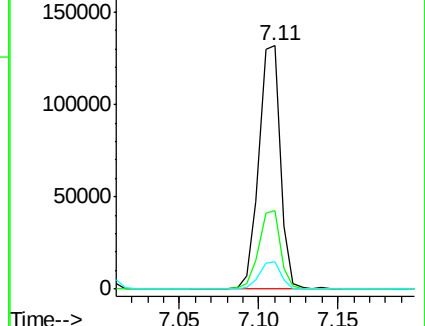
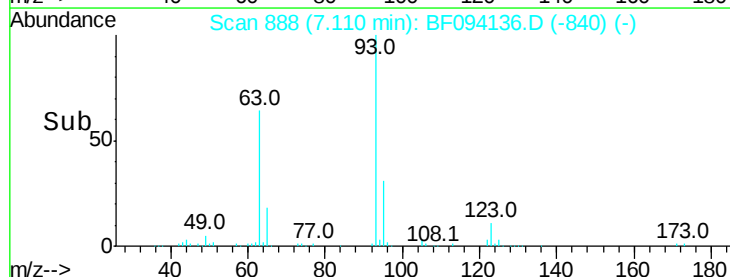
123 11.0 9.0 13.4

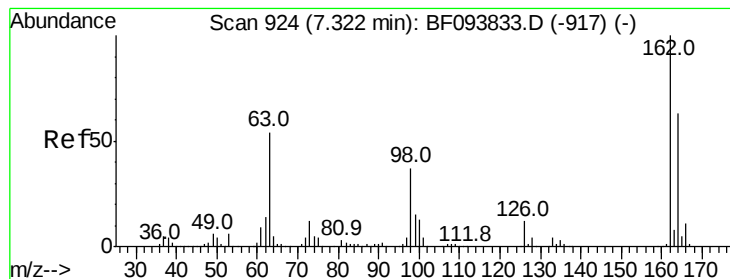


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 13.57 ng

RT: 7.23 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMS

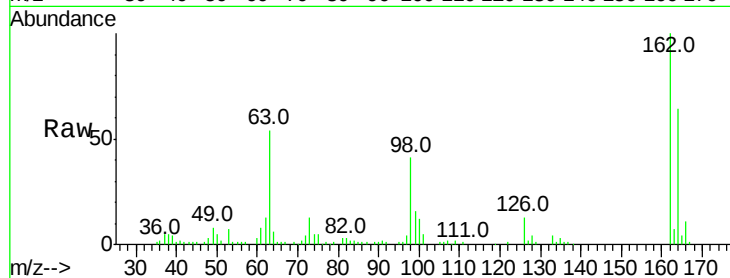
Tot Ion:162 Resp: 77992

Ion Ratio Lower Upper

162 100

164 63.7 44.6 84.6

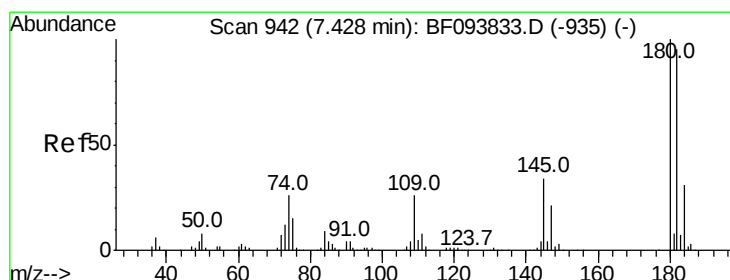
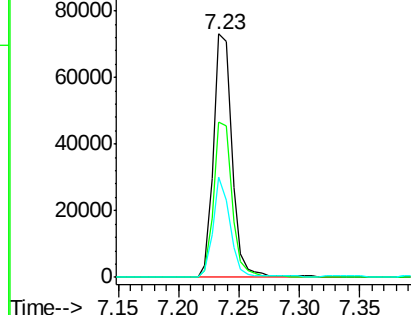
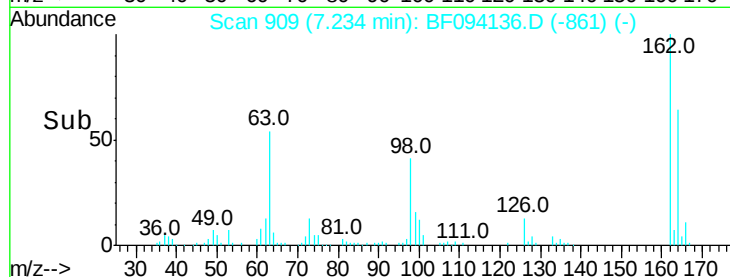
98 40.9 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 15.18 ng

RT: 7.33 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

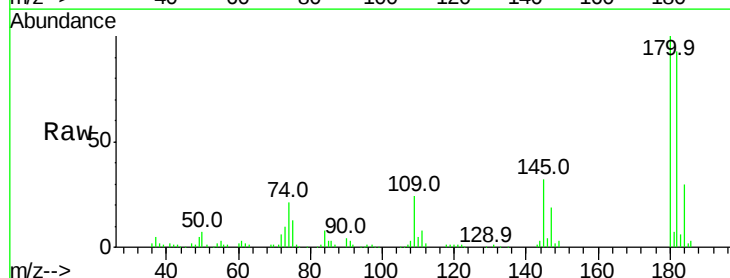
Tgt Ion:180 Resp: 89873

Ion Ratio Lower Upper

180 100

182 93.4 75.8 113.6

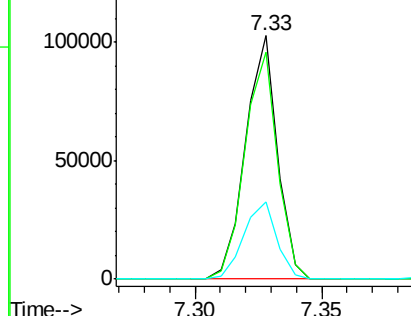
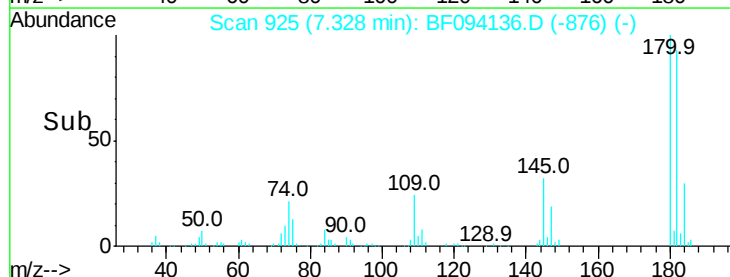
145 31.6 25.3 37.9

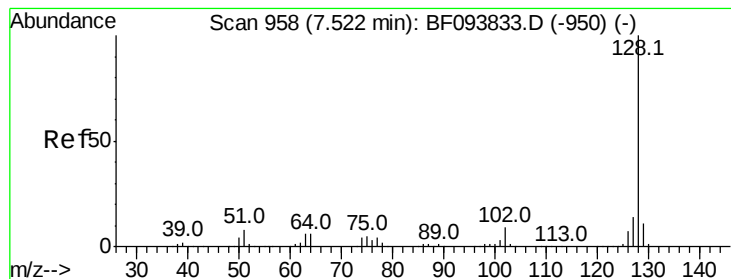


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 16.34 ng

RT: 7.42 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

Instrument :

BNA_F

ClientSampleID :

LSS-SP08-COMPMS

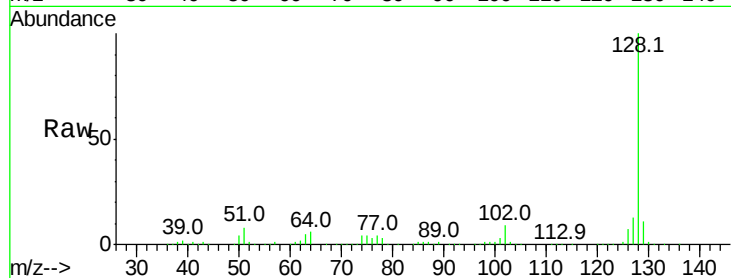
Tot Ion:128 Resp: 340082

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

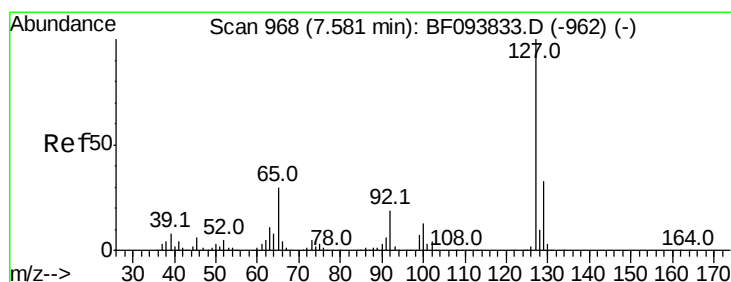
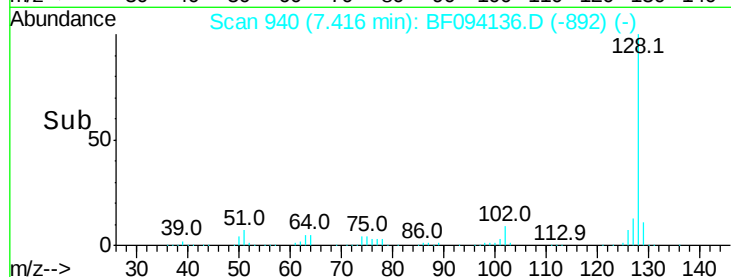
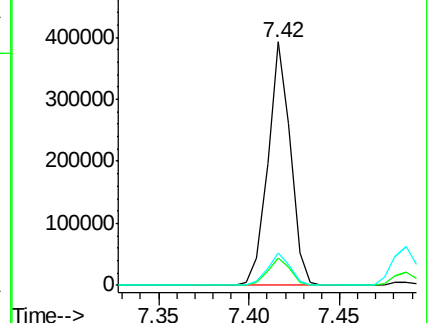
127 13.3 10.8 16.2



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



#33

4-Chloroaniline

Concen: 7.99 ng

RT: 7.49 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

Tgt Ion:127 Resp: 67395

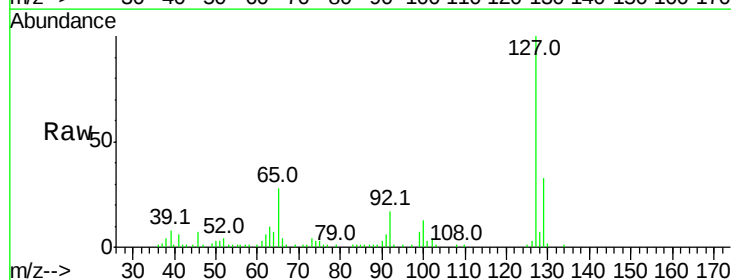
Ion Ratio Lower Upper

127 100

129 33.0 26.2 39.2

65 28.2 27.8 41.8

92 17.4 16.8 25.2

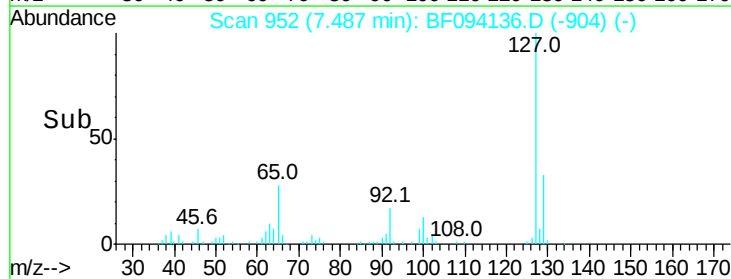
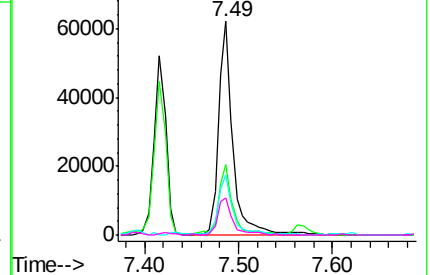


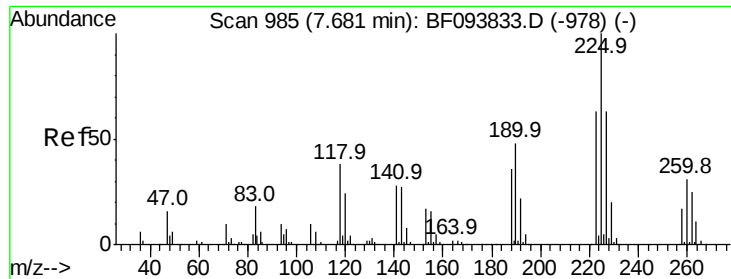
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 14.95 ng

RT: 7.57 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMS

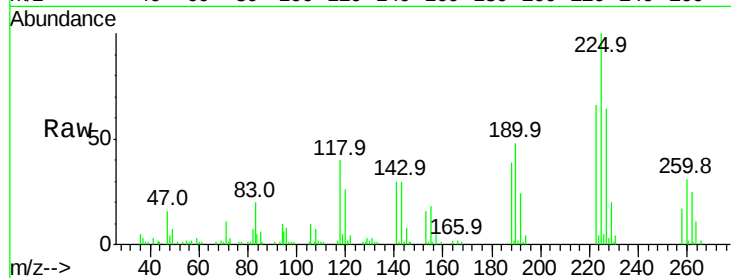
Tot Ion:225 Resp: 45388

Ion Ratio Lower Upper

225 100

223 65.8 48.8 73.2

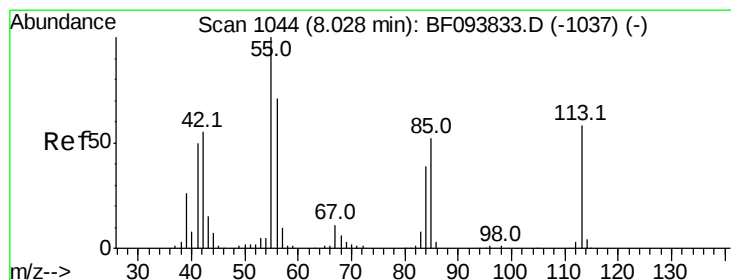
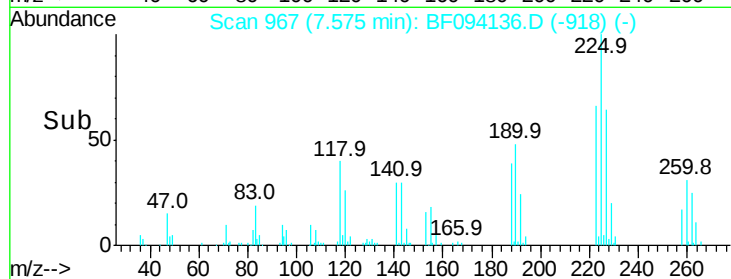
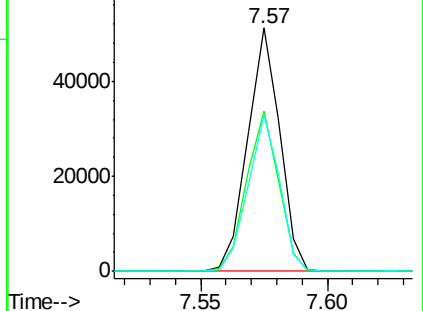
227 64.4 51.1 76.7



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 11.07 ng

RT: 7.89 min Scan# 1020

Delta R.T. -0.07 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

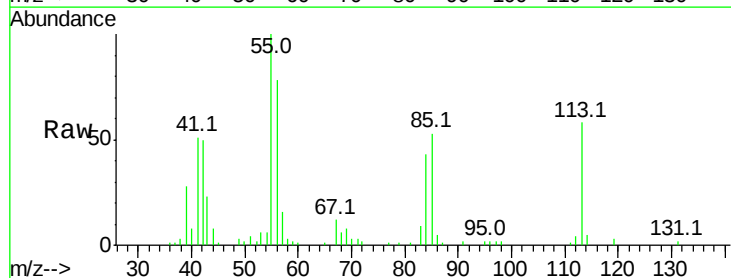
Tgt Ion:113 Resp: 20294

Ion Ratio Lower Upper

113 100

55 172.8 150.2 190.2

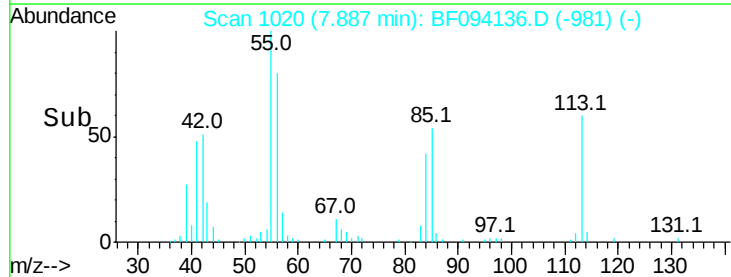
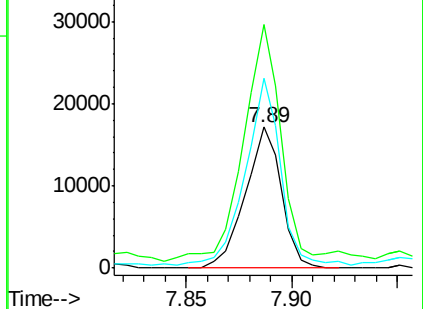
56 134.8 107.8 147.8

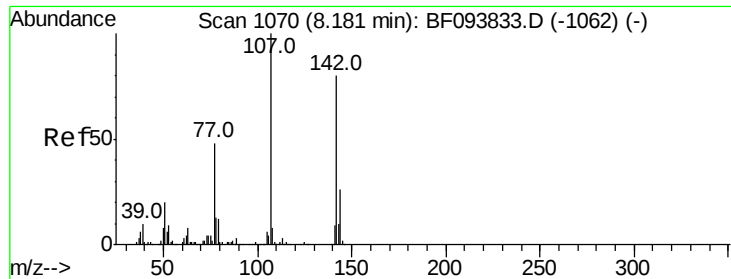


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

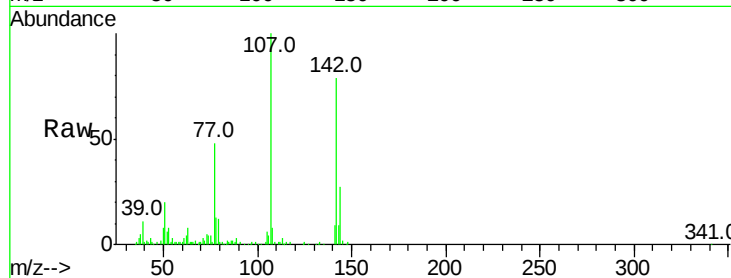




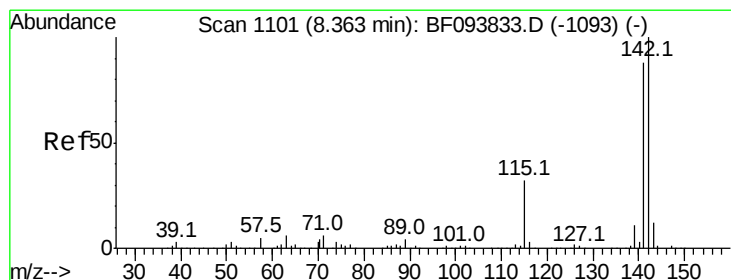
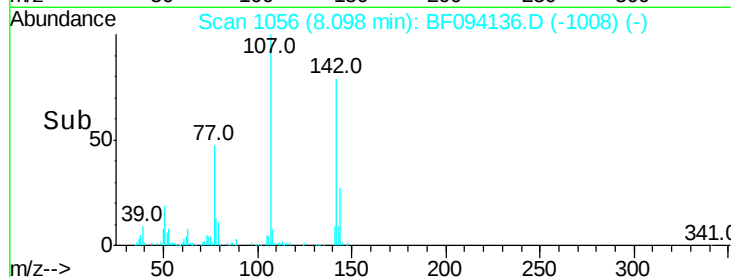
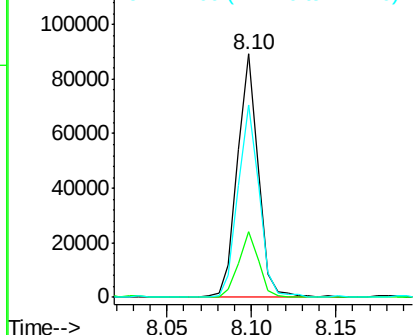
#36
 4-Chloro-3-methylphenol
 Concen: 12.72 ng
 RT: 8.10 min Scan# 1056
 Delta R.T. -0.02 min
 Lab File: BF094136.D
 Acq: 3 Apr 2017 22:17

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP08-COMPMS

Tot Ion:107 Resp: 76427
 Ion Ratio Lower Upper
 107 100
 144 27.0 24.2 36.4
 142 78.9 73.4 110.0

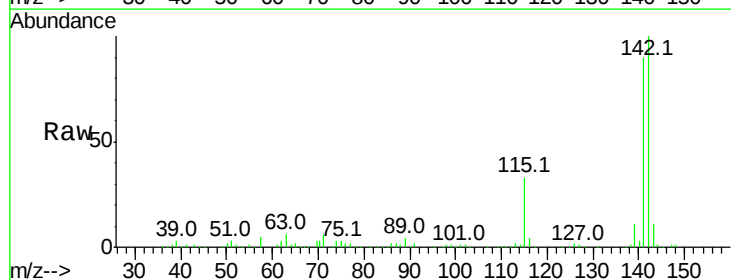


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

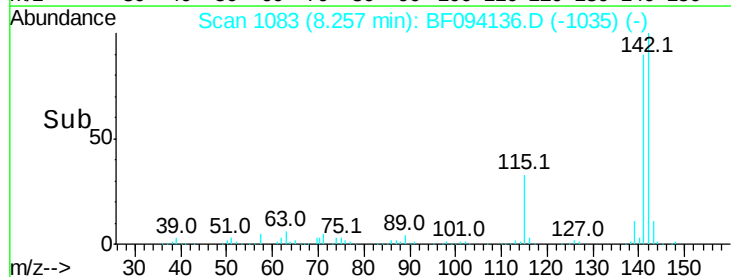
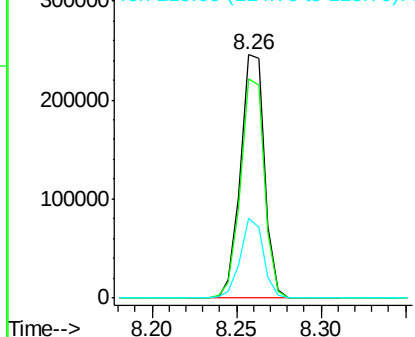


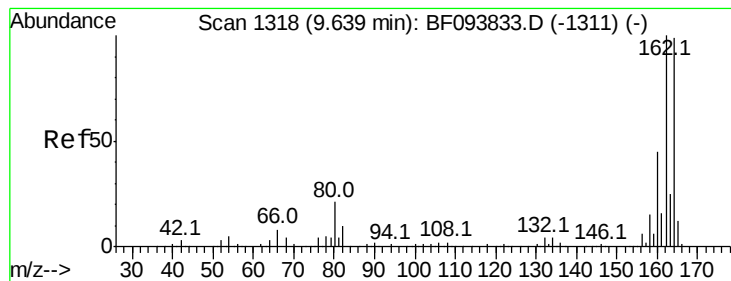
#37
 2-Methylnaphthalene
 Concen: 17.65 ng
 RT: 8.26 min Scan# 1083
 Delta R.T. -0.02 min
 Lab File: BF094136.D
 Acq: 3 Apr 2017 22:17

Tgt Ion:142 Resp: 244973
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.3 106.9
 115 32.9 27.1 40.7



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.53 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMS

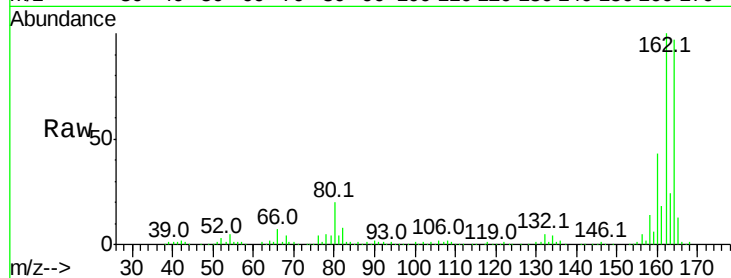
Tot Ion:164 Resp: 171440

Ion Ratio Lower Upper

164 100

162 103.1 82.6 123.8

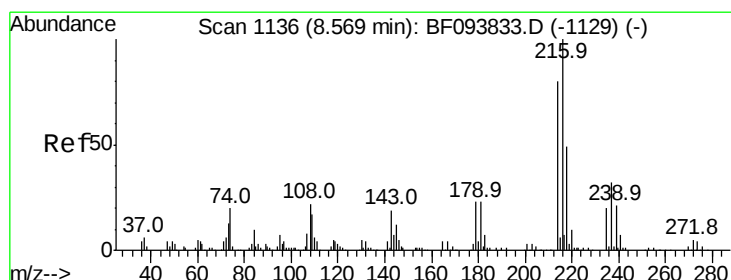
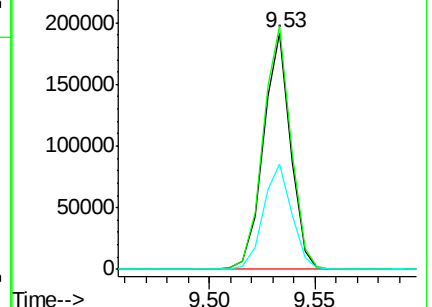
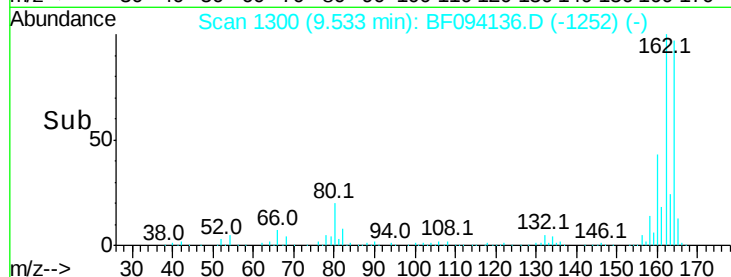
160 44.5 36.2 54.2



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: 16.70 ng

RT: 8.46 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

Tgt Ion:216 Resp: 78332

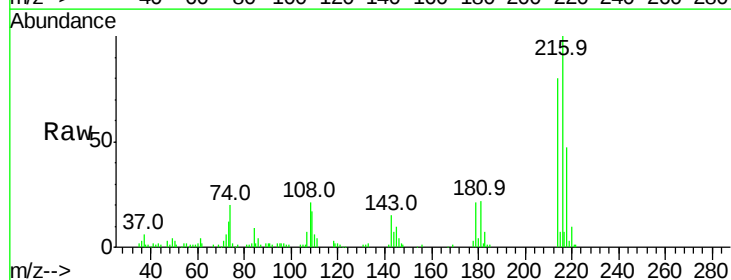
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.2

179 21.3 17.9 26.9

108 19.5 16.5 24.7

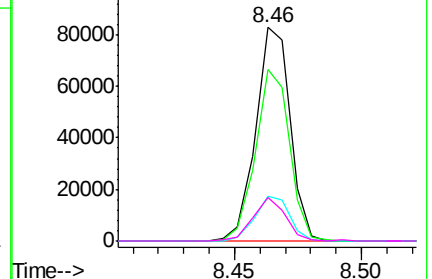
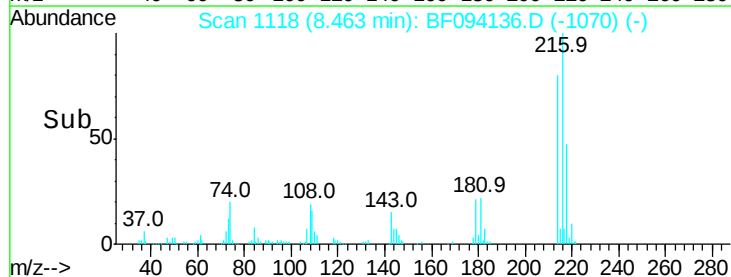


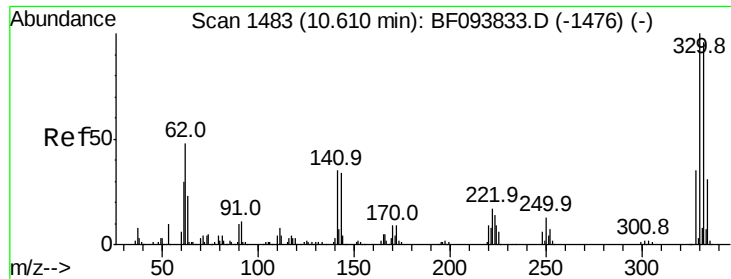
Abundance Ion 216.00 (215.70 to 216.70): E

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

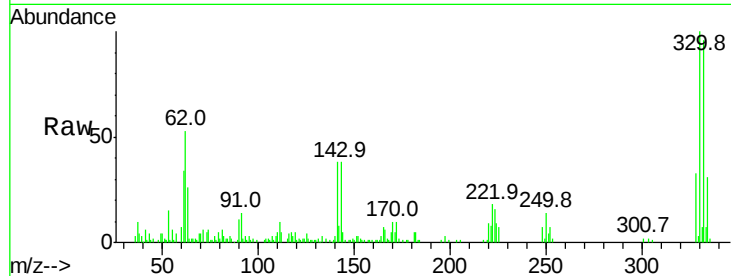




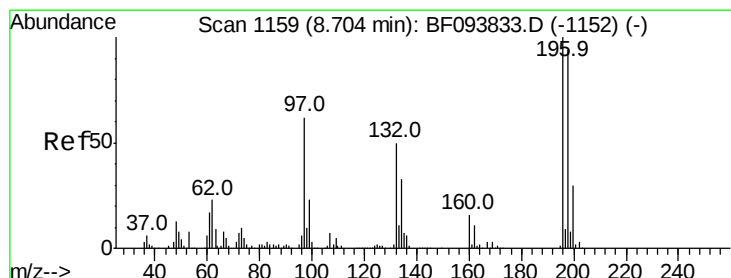
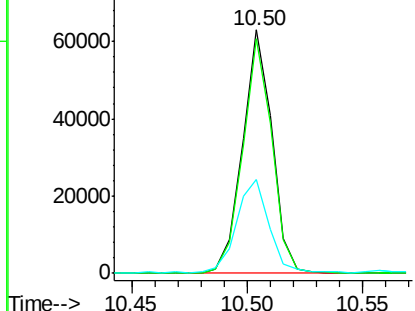
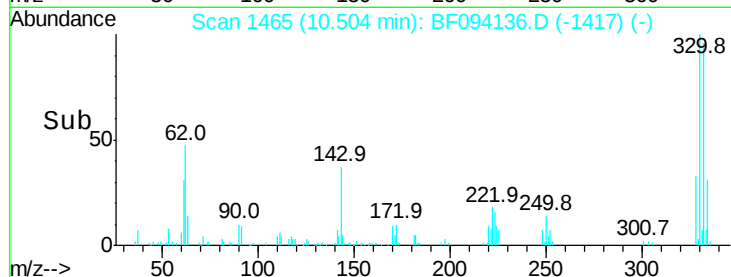
#41
 2,4,6-Tribromophenol
 Concen: 41.51 ng
 RT: 10.50 min Scan# 1465
 Delta R.T. -0.02 min
 Lab File: BF094136.D
 Acq: 3 Apr 2017 22:17

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP08-COMPMS

Tot Ion:330 Resp: 56229
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 115.0
 141 43.4 31.4 47.2

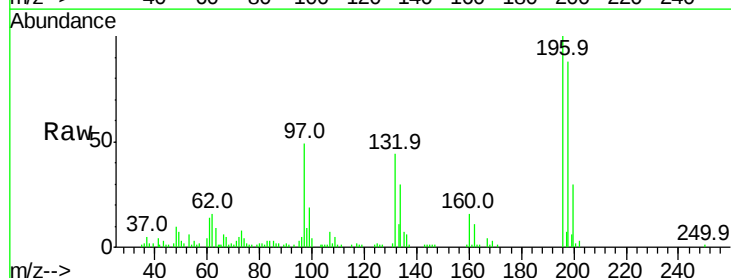


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

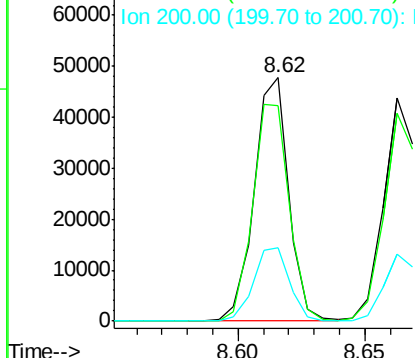
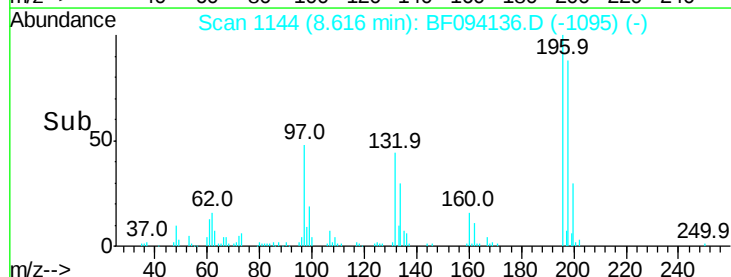


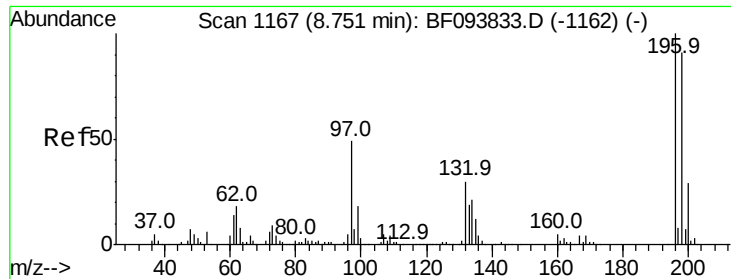
#42
 2,4,6-Trichlorophenol
 Concen: 13.71 ng
 RT: 8.62 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF094136.D
 Acq: 3 Apr 2017 22:17

Tgt Ion:196 Resp: 45504
 Ion Ratio Lower Upper
 196 100
 198 88.4 74.2 111.4
 200 30.2 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

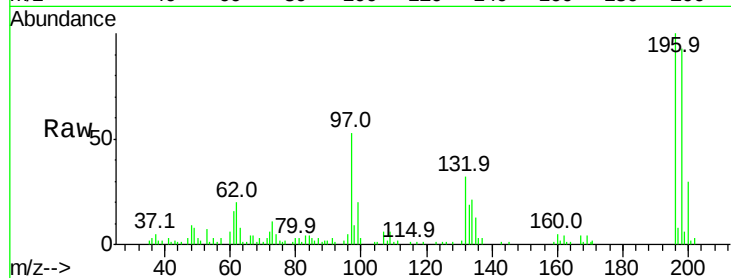




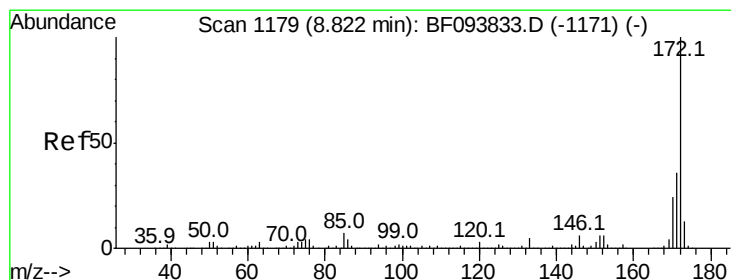
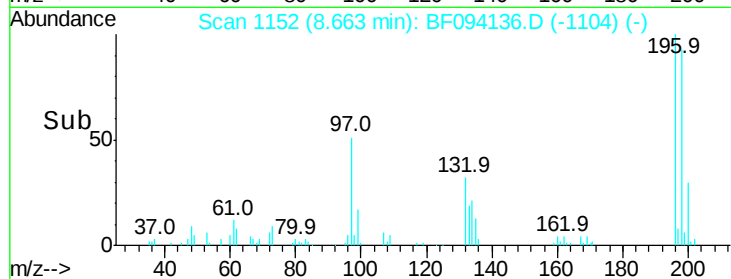
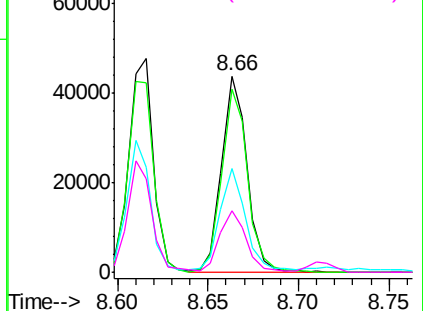
#43
 2,4,5-Trichlorophenol
 Concen: 12.00 ng
 RT: 8.66 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BF094136.D
 Acq: 3 Apr 2017 22:17

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP08-COMPMS

Tot Ion:	196	Resp:	43078
Ion	Ratio	Lower	Upper
196	100		
198	93.1	75.7	113.5
97	52.9	47.7	71.5
132	31.6	28.0	42.0

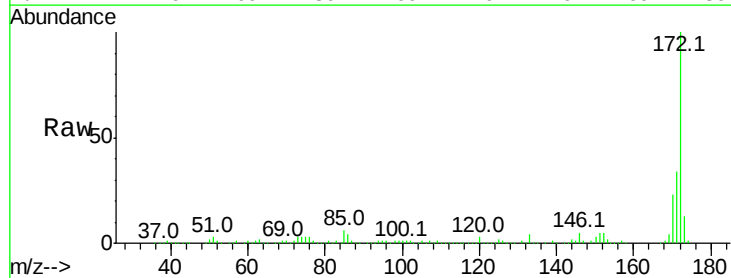


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

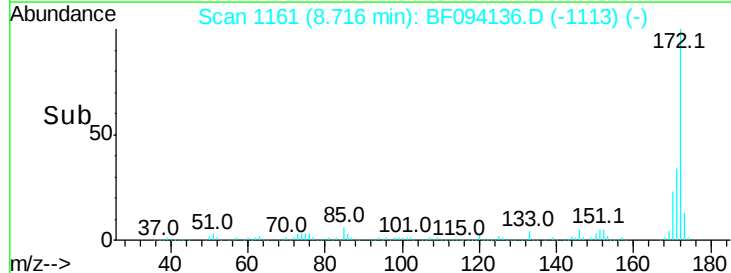
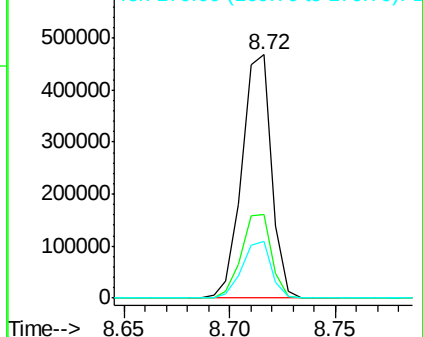


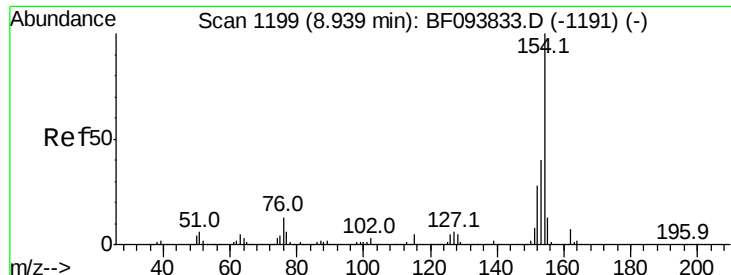
#44
 2-Fluorobiphenyl
 Concen: 40.48 ng
 RT: 8.72 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BF094136.D
 Acq: 3 Apr 2017 22:17

Tgt Ion:	172	Resp:	454953
Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.6	44.4
170	23.4	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

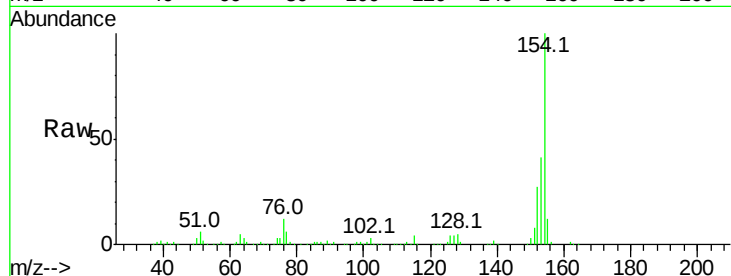




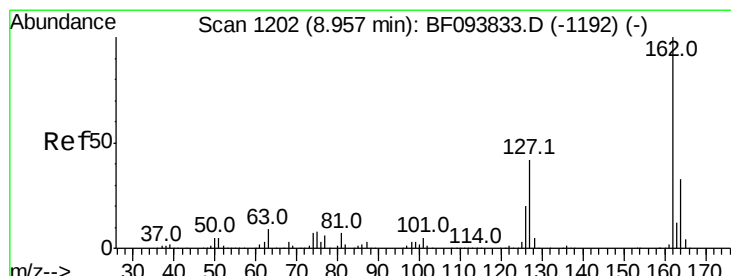
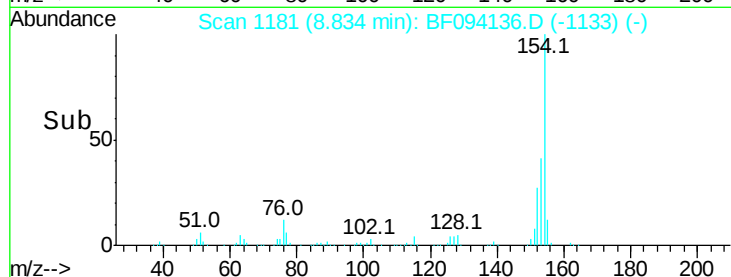
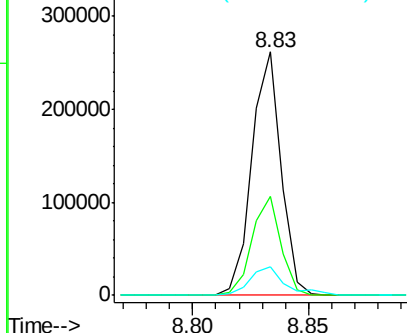
#45
 1,1'-Biphenyl
 Concen: 16.79 ng
 RT: 8.83 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF094136.D
 Acq: 3 Apr 2017 22:17

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP08-COMPMS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.2	61.2
76	11.9	0.0	29.9

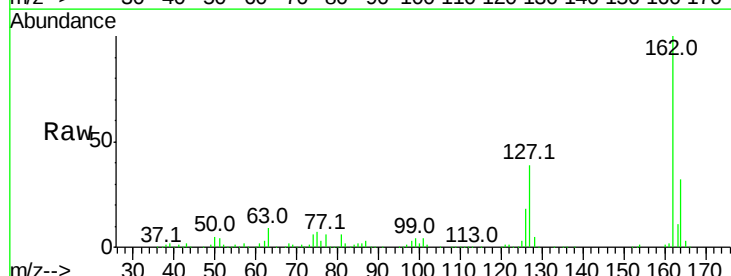


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

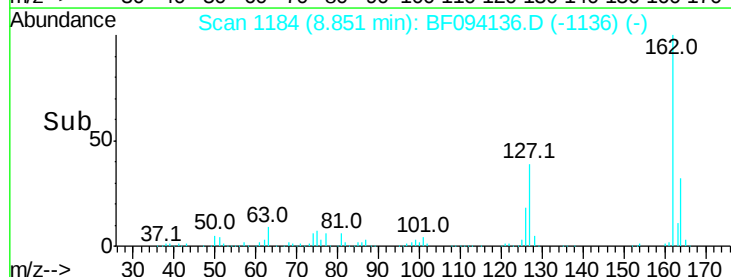
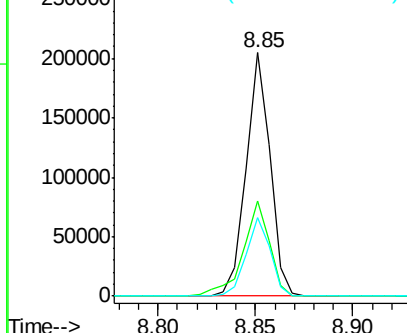


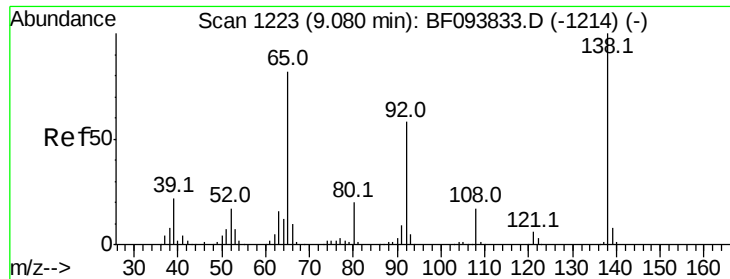
#46
 2-Chloronaphthalene
 Concen: 16.17 ng
 RT: 8.85 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF094136.D
 Acq: 3 Apr 2017 22:17

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.2	28.3	42.5
164	32.4	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

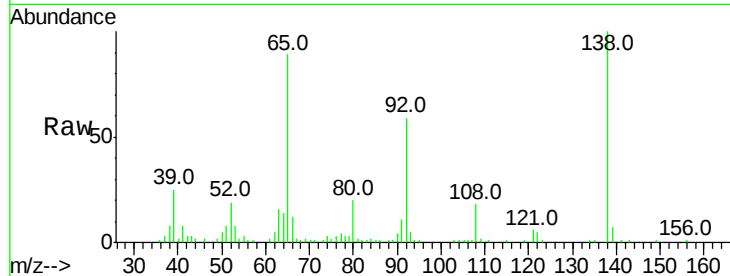




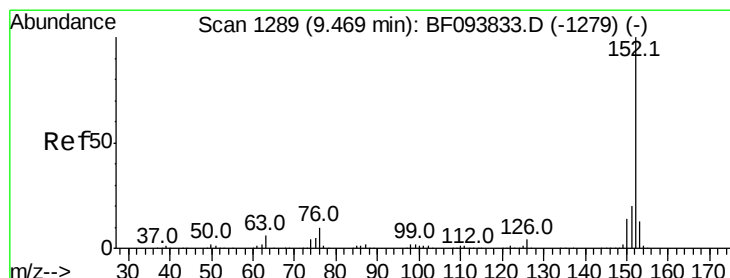
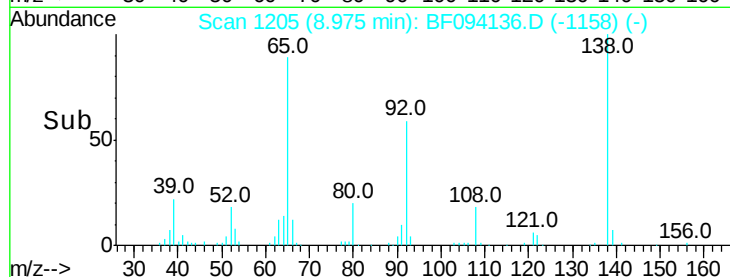
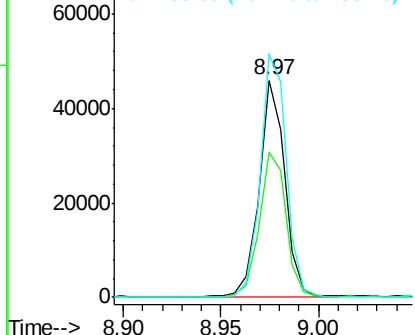
#47
2-Nitroaniline
Concen: 13.08 ng
RT: 8.97 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BF094136.D
Acq: 3 Apr 2017 22:17

Instrument :
BNA_F
ClientSampleId :
LSS-SP08-COMPMS

Tot Ion: 65 Resp: 42002
Ion Ratio Lower Upper
65 100
92 66.6 53.9 80.9
138 112.0 78.8 118.2

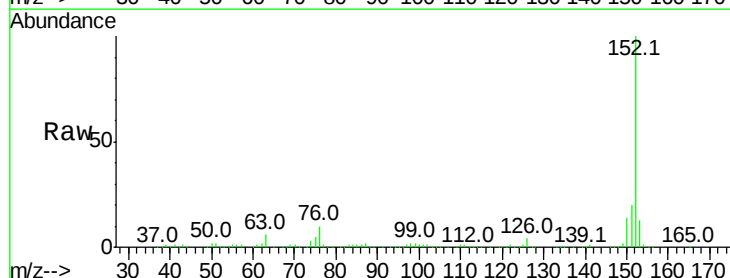


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

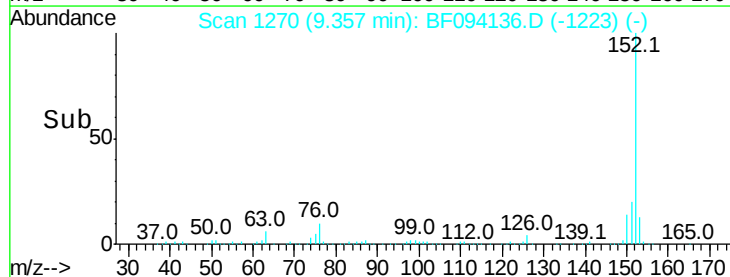
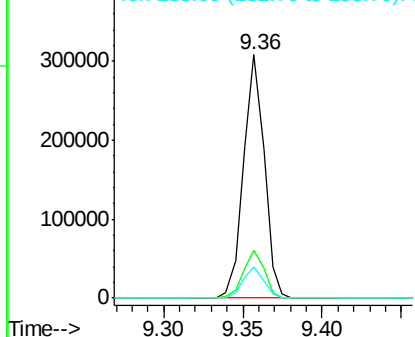


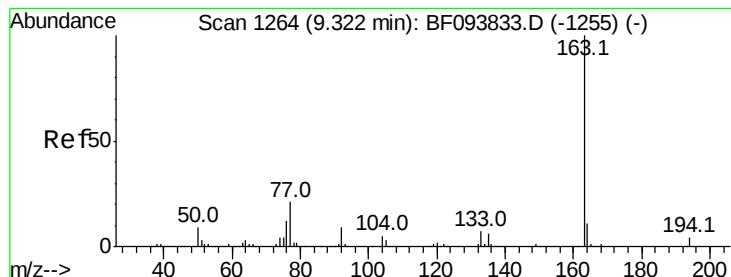
#48
Acenaphthylene
Concen: 15.55 ng
RT: 9.36 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF094136.D
Acq: 3 Apr 2017 22:17

Tgt Ion:152 Resp: 279716
Ion Ratio Lower Upper
152 100
151 19.9 16.8 25.2
153 12.6 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 19.26 ng

RT: 9.21 min Scan# 1245

Delta R.T. -0.04 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMS

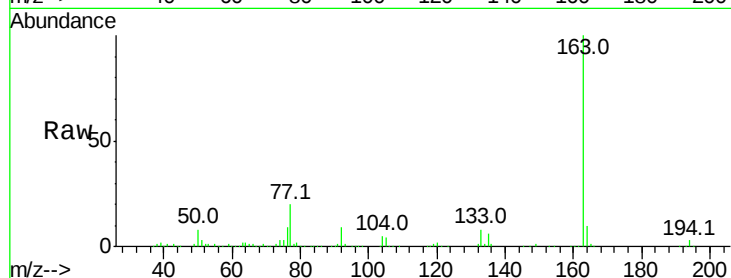
Tot Ion:163 Resp: 234654

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

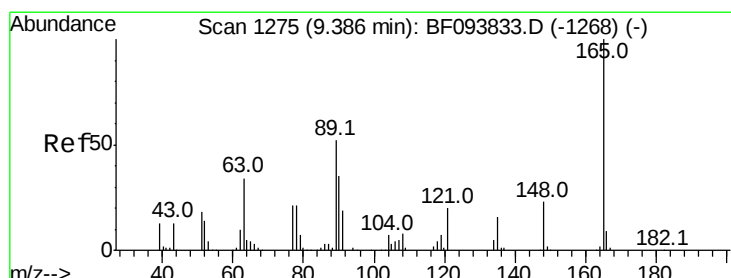
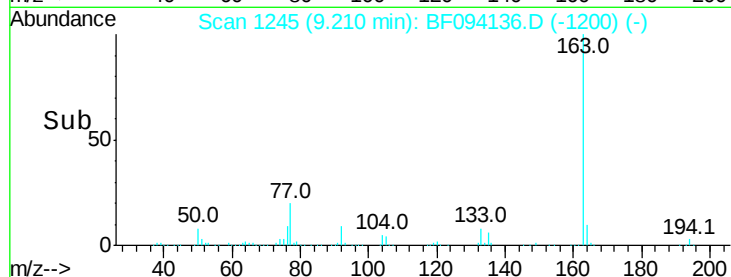
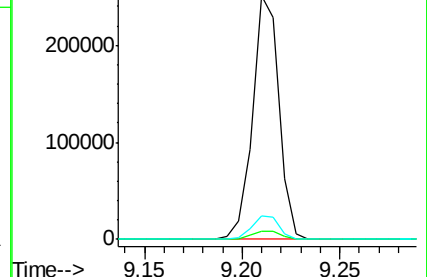
164 9.8 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 6.67 ng

RT: 9.28 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

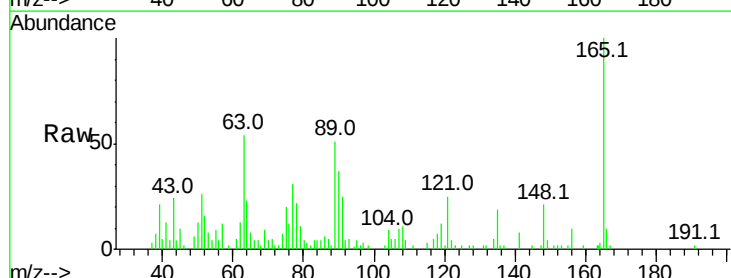
Tgt Ion:165 Resp: 18620

Ion Ratio Lower Upper

165 100

63 54.2 34.3 51.5#

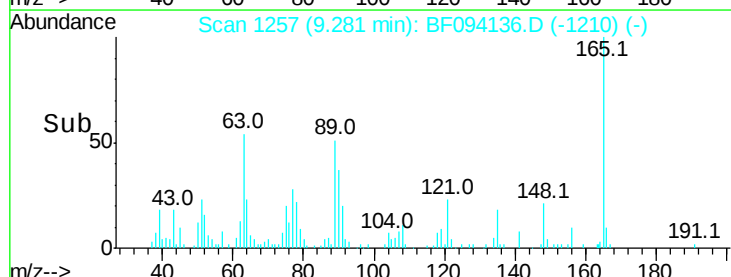
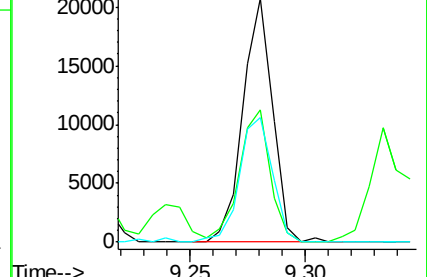
89 51.2 37.1 55.7

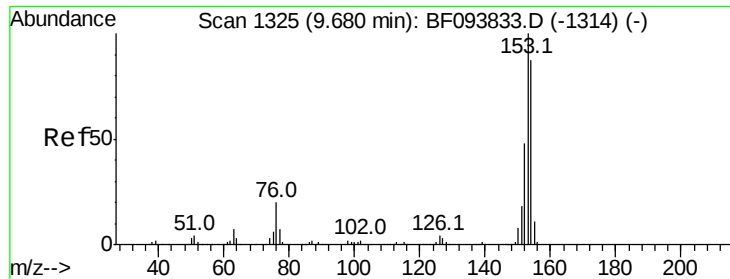


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 15.58 ng

RT: 9.57 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMS

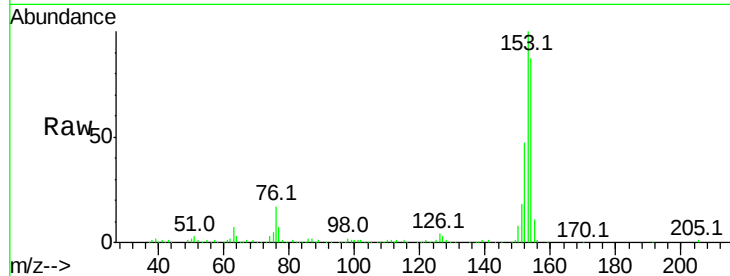
Tot Ion:154 Resp: 163561

Ion Ratio Lower Upper

154 100

153 115.4 90.5 135.7

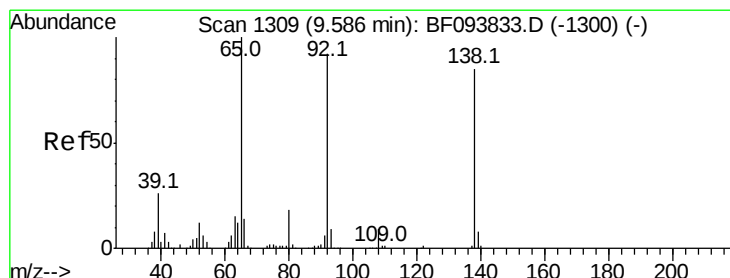
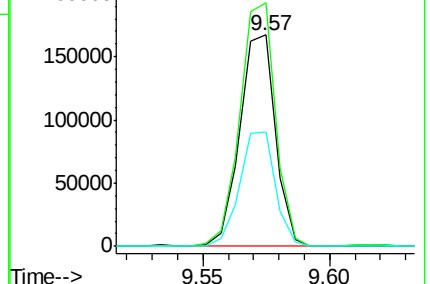
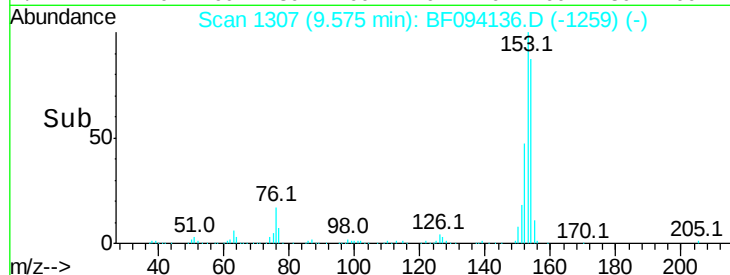
152 54.3 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 11.03 ng

RT: 9.48 min Scan# 1291

Delta R.T. -0.03 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

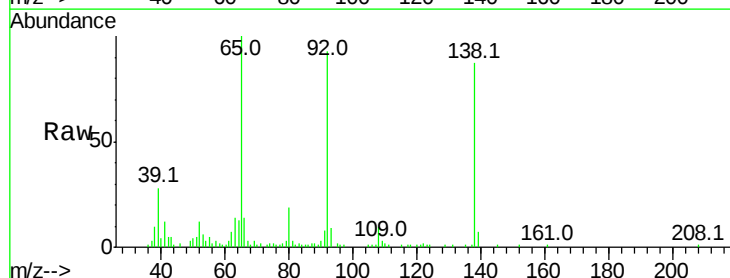
Tgt Ion:138 Resp: 36174

Ion Ratio Lower Upper

138 100

108 11.3 9.1 13.7

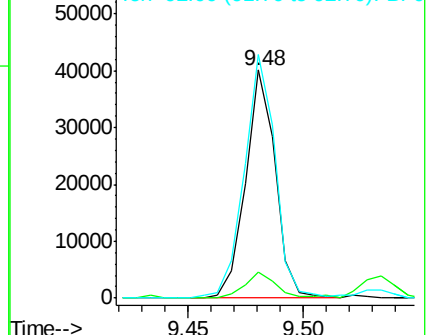
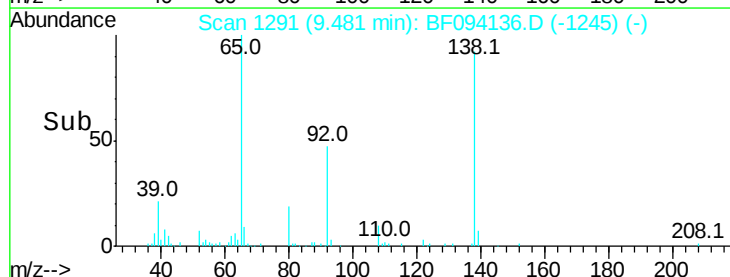
92 106.9 93.8 140.6

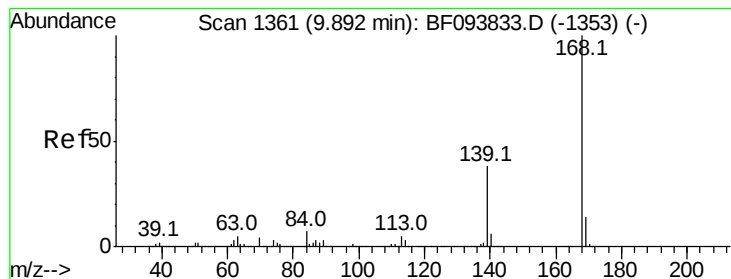


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#54

Dibenzofuran

Concen: 16.81 ng

RT: 9.79 min Scan# 1343

Delta R.T. -0.02 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMS

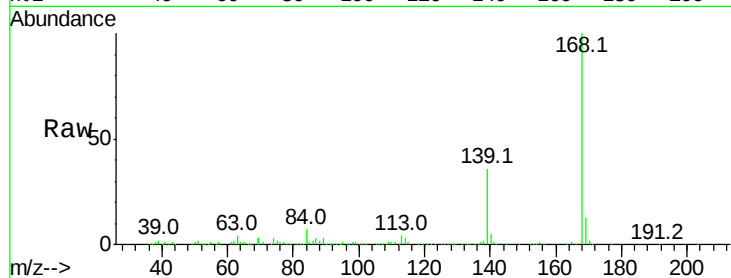
Tot Ion:168 Resp: 240198

Ion Ratio Lower Upper

168 100

139 36.5 30.6 45.8

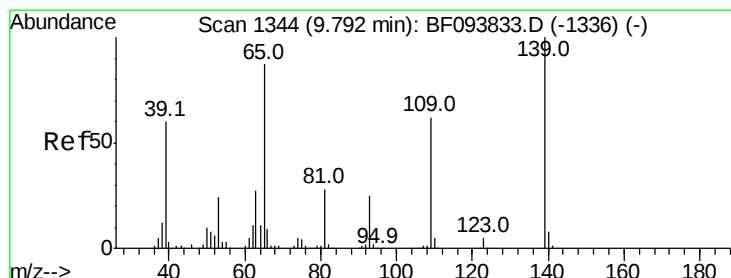
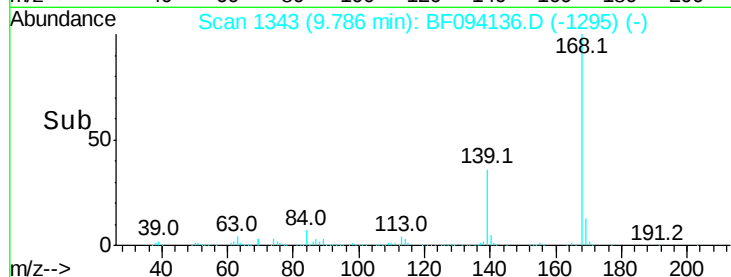
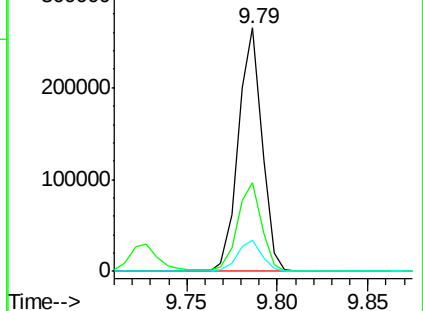
169 12.9 10.8 16.2



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: 13.25 ng

RT: 9.73 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

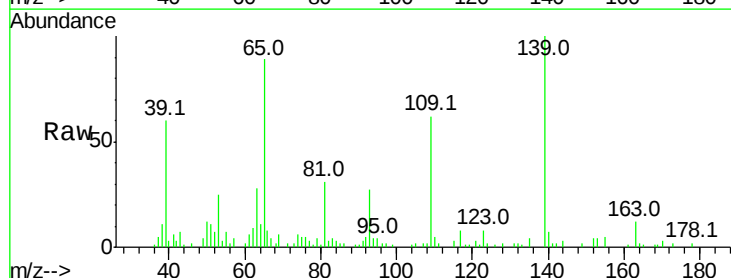
Tgt Ion:139 Resp: 34027

Ion Ratio Lower Upper

139 100

109 61.8 34.1 74.1

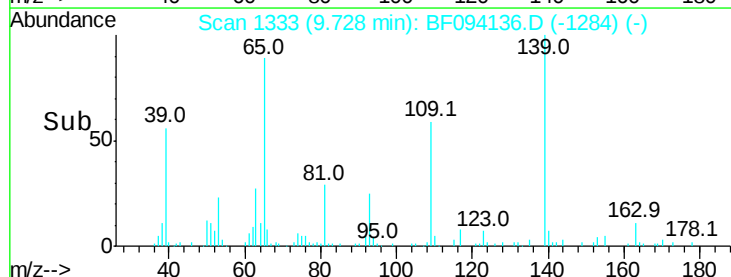
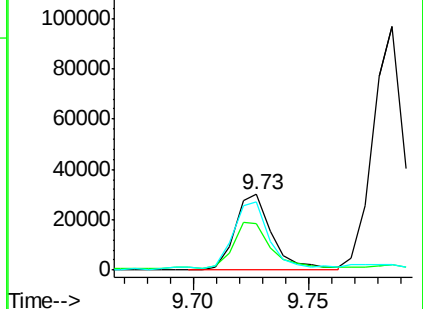
65 89.2 31.4 71.4#

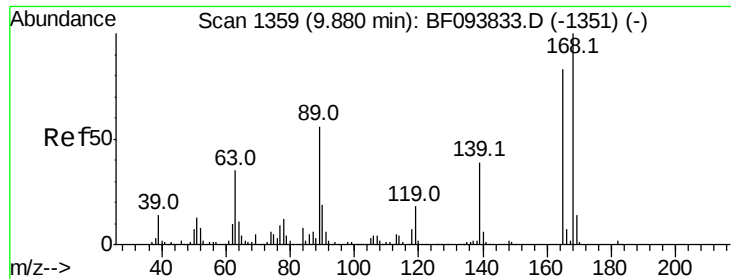


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

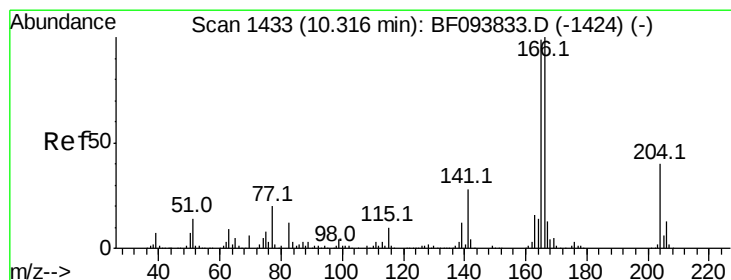
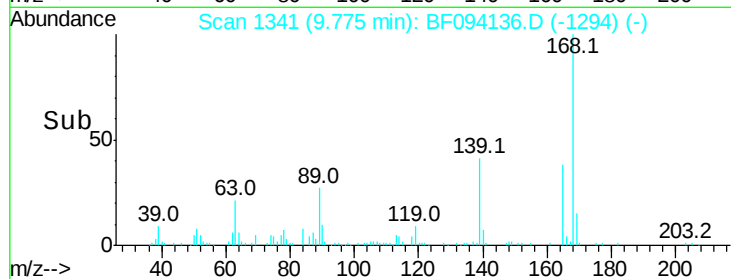
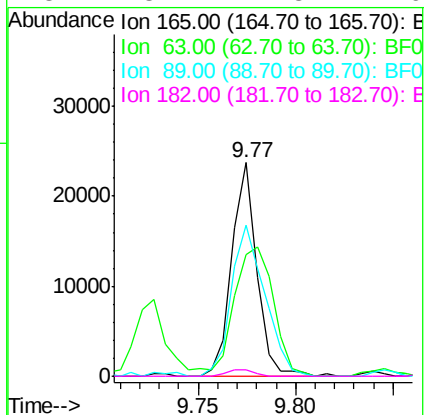
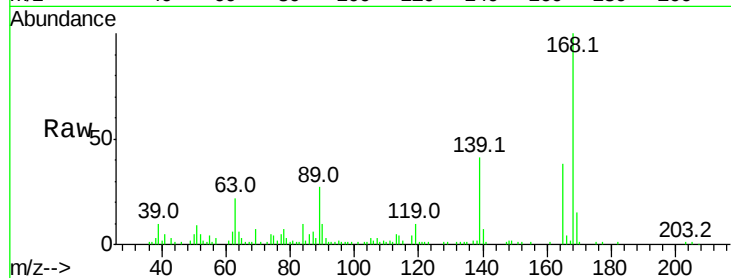




#56
 2,4-Dinitrotoluene
 Concen: 6.06 ng
 RT: 9.77 min Scan# 1341
 Delta R.T. -0.02 min
 Lab File: BF094136.D
 Acq: 3 Apr 2017 22:17

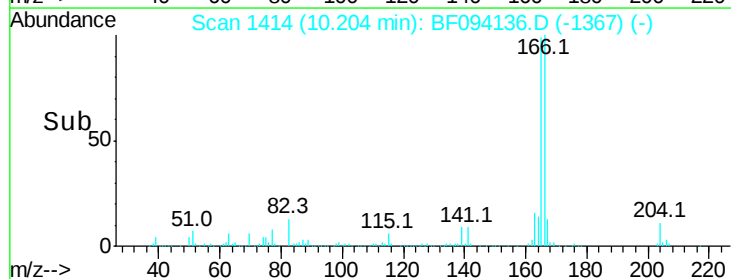
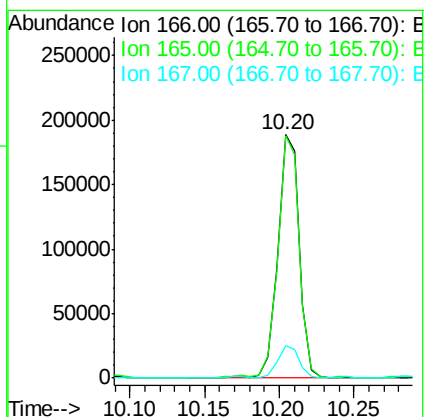
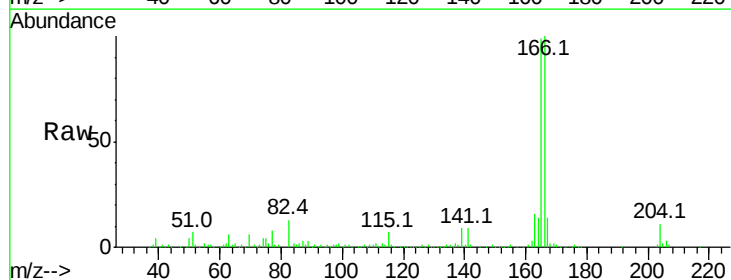
Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP08-COMPMS

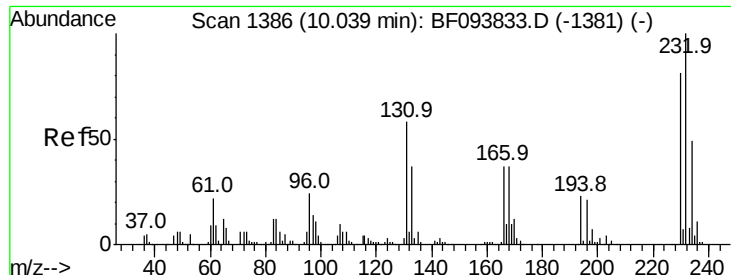
Tot Ion:165 Resp: 21263
 Ion Ratio Lower Upper
 165 100
 63 57.2 25.4 38.0#
 89 70.9 46.4 69.6#
 182 3.1 1.8 2.6#



#57
 Fluorene
 Concen: 16.01 ng
 RT: 10.20 min Scan# 1414
 Delta R.T. -0.02 min
 Lab File: BF094136.D
 Acq: 3 Apr 2017 22:17

Tgt Ion:166 Resp: 189737
 Ion Ratio Lower Upper
 166 100
 165 99.3 78.8 118.2
 167 13.5 10.6 16.0

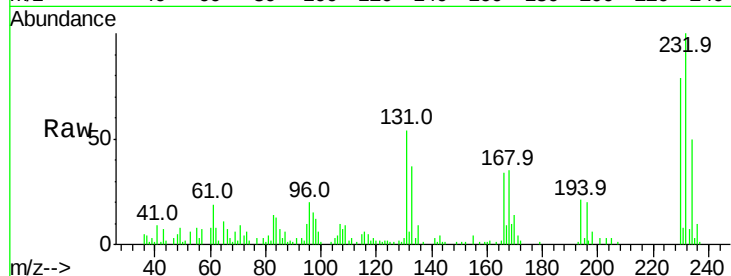




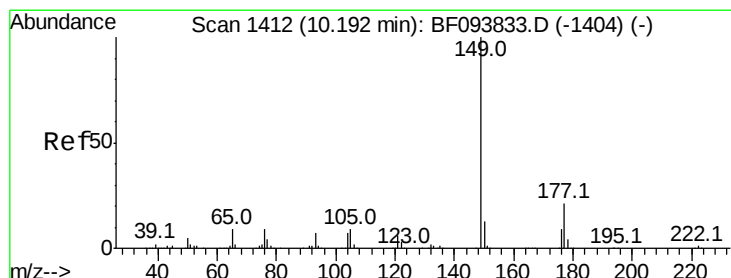
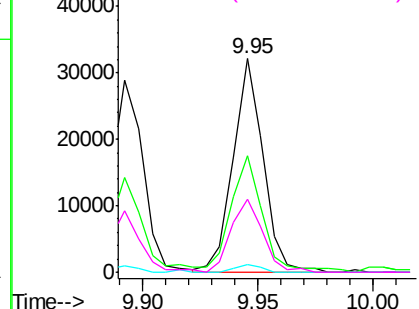
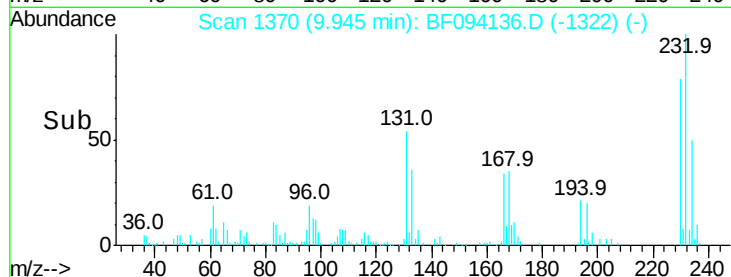
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 11.82 ng
 RT: 9.95 min Scan# 1370
 Delta R.T. -0.02 min
 Lab File: BF094136.D
 Acq: 3 Apr 2017 22:17

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP08-COMPMS

Tot Ion:	232	Resp:	29123
Ion	Ratio	Lower	Upper
232	100		
131	58.2	44.8	67.2
130	2.9	2.3	3.5
166	36.4	29.0	43.4

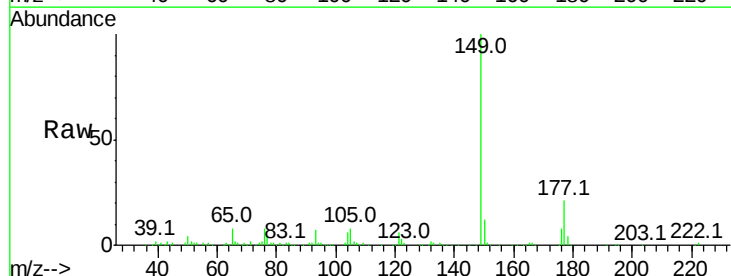


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

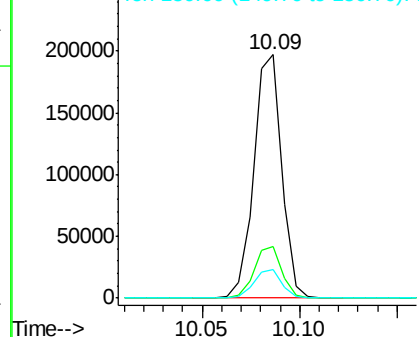
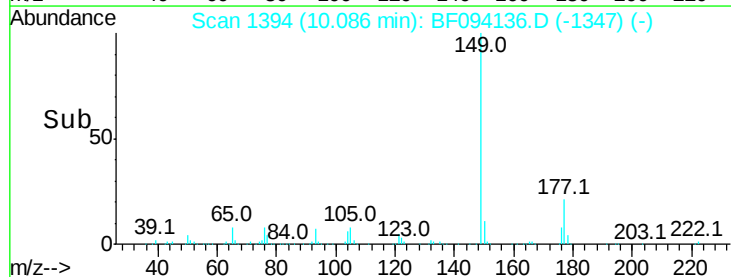


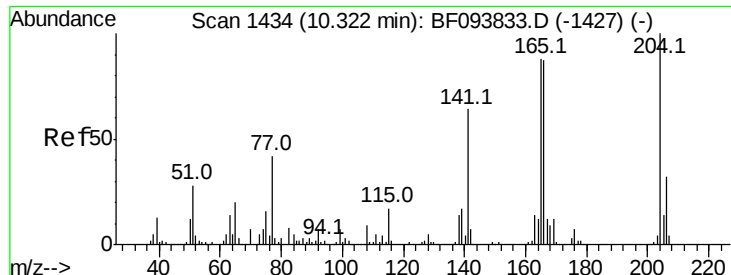
#59
 Diethylphthalate
 Concen: 16.07 ng
 RT: 10.09 min Scan# 1394
 Delta R.T. -0.02 min
 Lab File: BF094136.D
 Acq: 3 Apr 2017 22:17

Tgt Ion:	149	Resp:	193529
Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.7	25.1
150	11.6	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

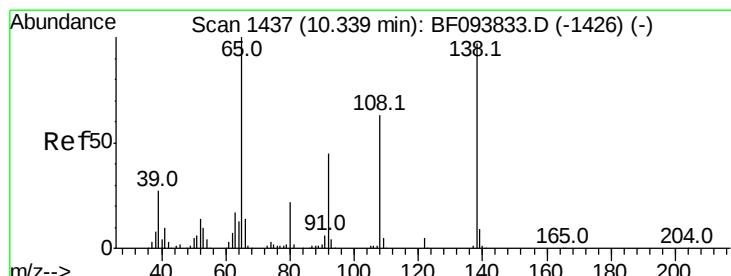
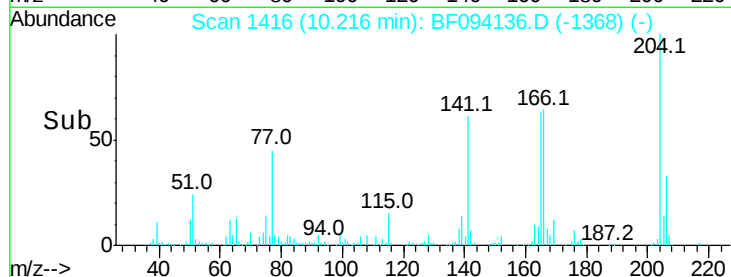
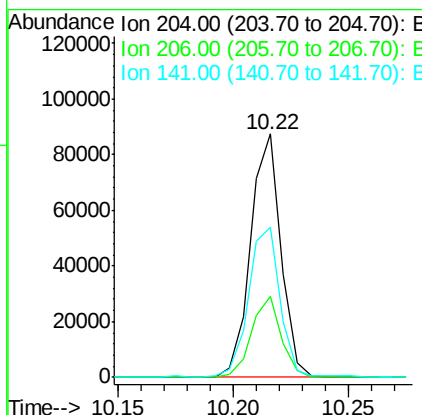
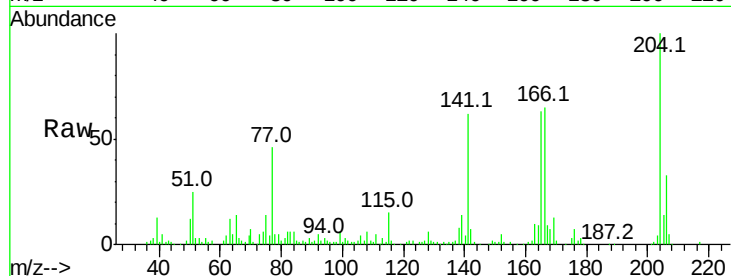




#60
4-Chlorophenyl-phenylether
Concen: 15.91 ng
RT: 10.22 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF094136.D
Acq: 3 Apr 2017 22:17

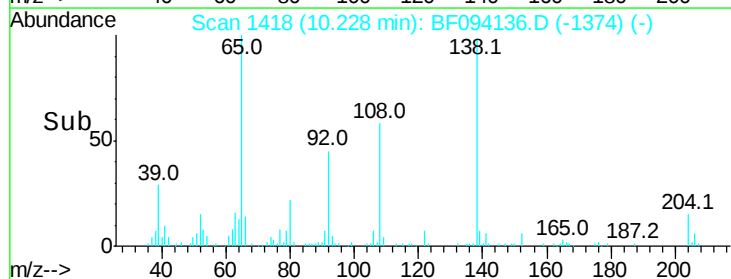
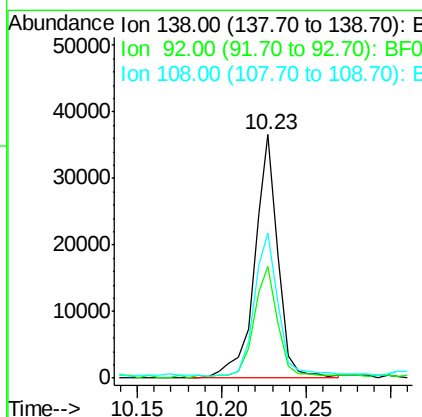
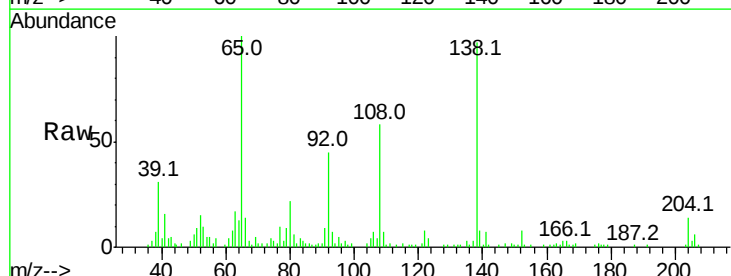
Instrument :
BNA_F
ClientSampleId :
LSS-SP08-COMPMS

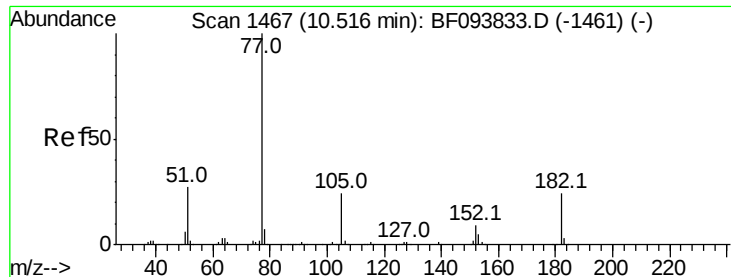
Tot Ion:204 Resp: 80314
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 61.9 60.8 91.2



#61
4-Nitroaniline
Concen: 11.25 ng
RT: 10.23 min Scan# 1418
Delta R.T. -0.04 min
Lab File: BF094136.D
Acq: 3 Apr 2017 22:17

Tgt Ion:138 Resp: 35401
Ion Ratio Lower Upper
138 100
92 45.9 21.8 61.8
108 59.6 42.3 82.3





#62

Azobenzene

Concen: 14.40 ng

RT: 10.41 min Scan# 1449

Delta R.T. -0.02 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMS

Tot Ion: 77 Resp: 164128

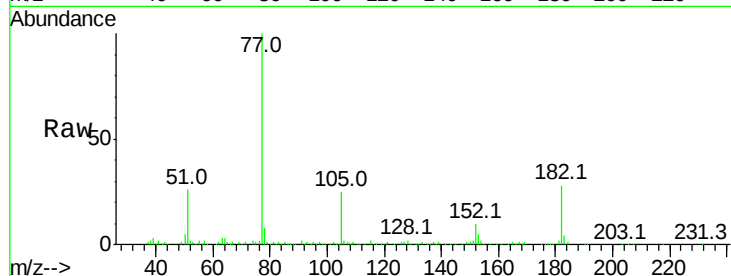
Ion Ratio Lower Upper

77 100

182 27.9 0.1 40.1

105 25.3 3.6 43.6

51 25.9 9.4 49.4

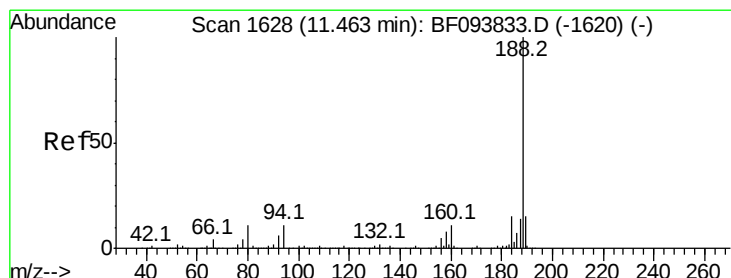
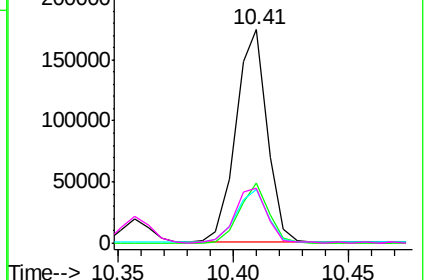
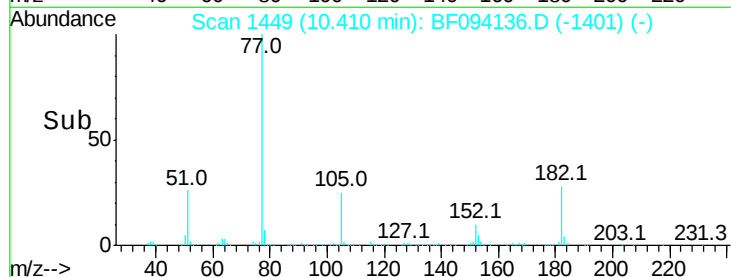


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 1610

Delta R.T. -0.02 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

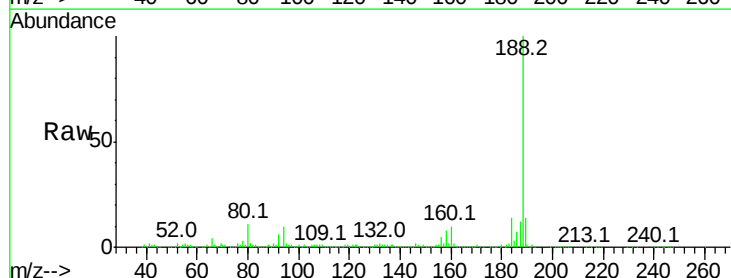
Tgt Ion: 188 Resp: 252765

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

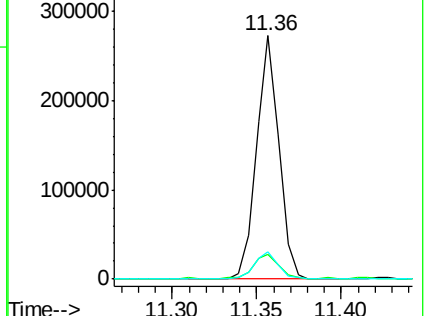
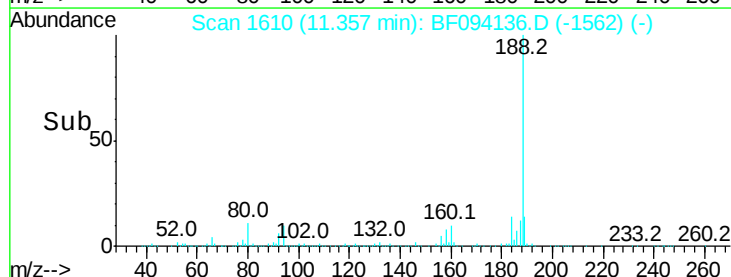
80 11.0 10.2 15.2

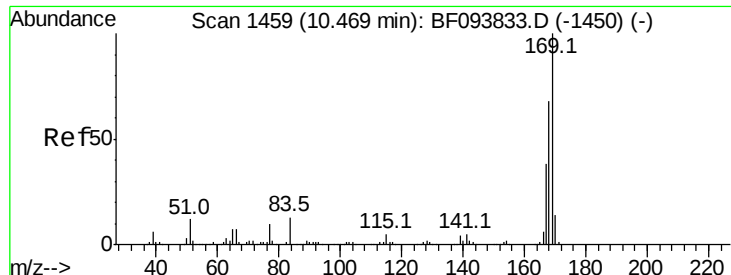


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#65

n-Nitrosodiphenylamine

Concen: 17.01 ng

RT: 10.36 min Scan# 1440

Delta R.T. -0.02 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMS

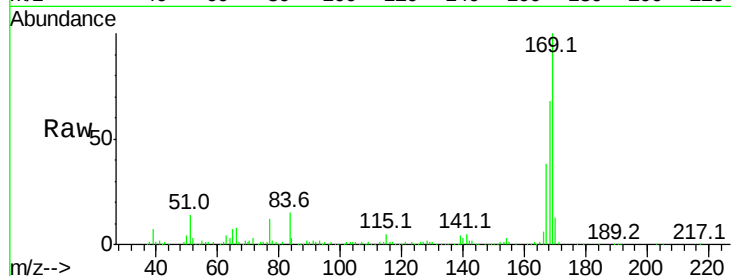
Tot Ion:169 Resp: 148669

Ion Ratio Lower Upper

169 100

168 67.6 53.2 79.8

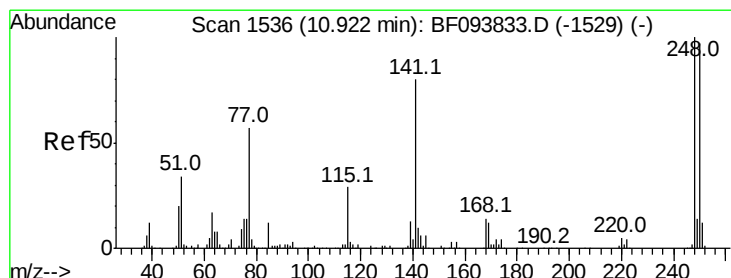
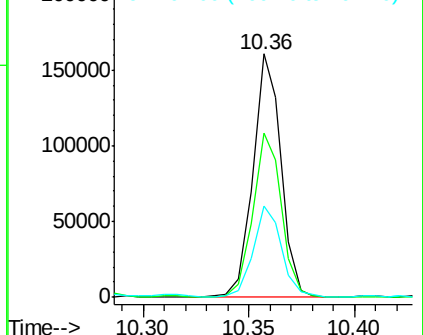
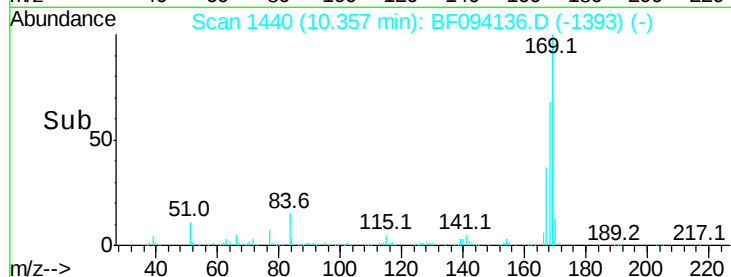
167 37.5 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 16.07 ng

RT: 10.82 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

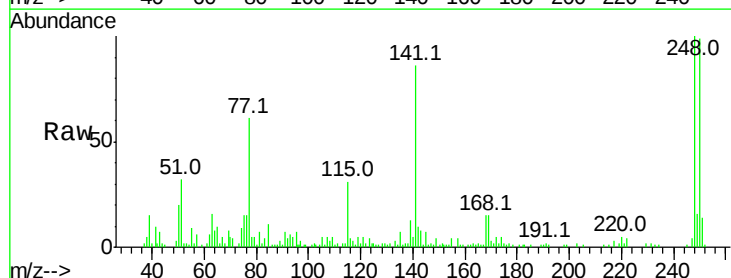
Tgt Ion:248 Resp: 39953

Ion Ratio Lower Upper

248 100

250 99.4 76.8 115.2

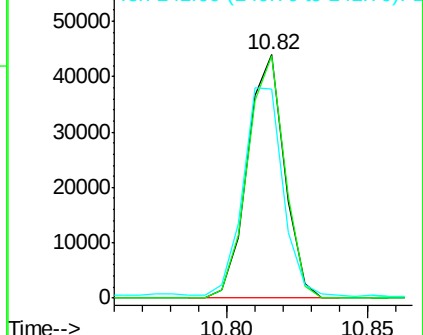
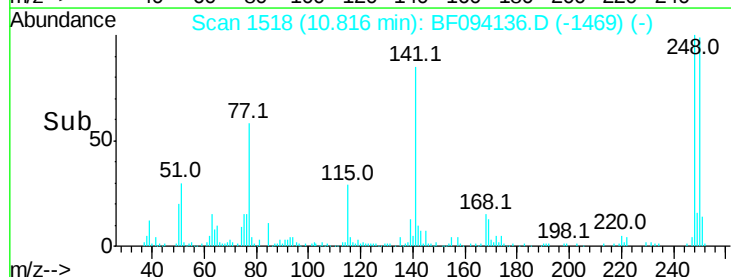
141 86.1 68.6 103.0

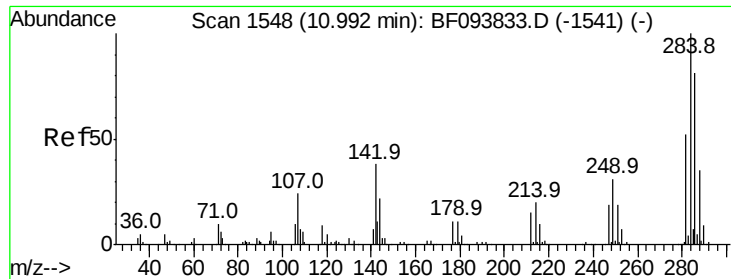


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

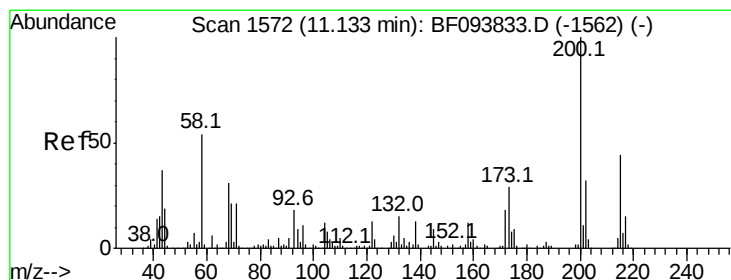
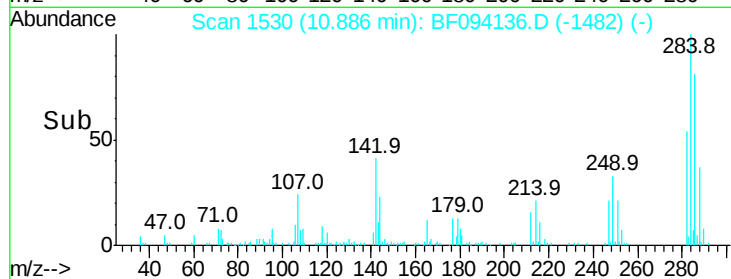
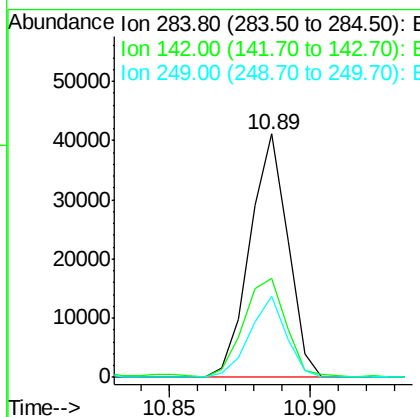
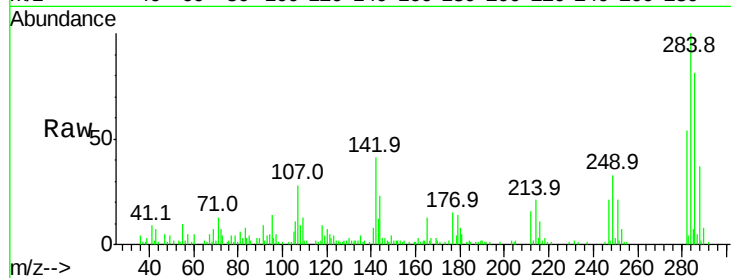




#67
Hexachlorobenzene
Concen: 15.22 ng
RT: 10.89 min Scan# 1530
Delta R.T. -0.02 min
Lab File: BF094136.D
Acq: 3 Apr 2017 22:17

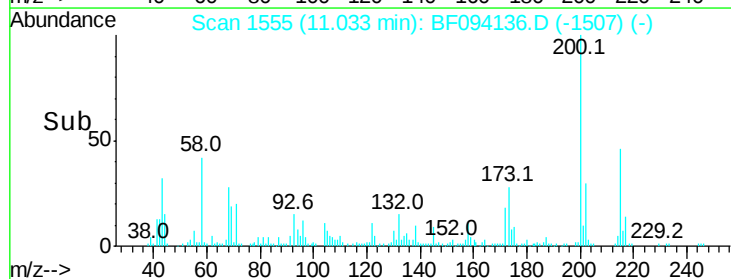
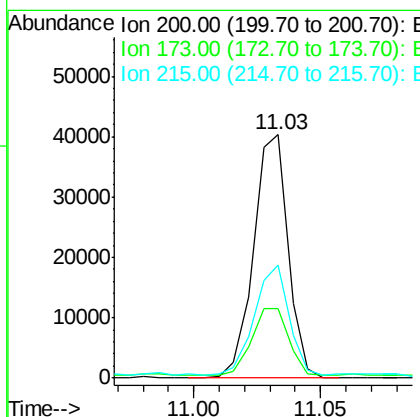
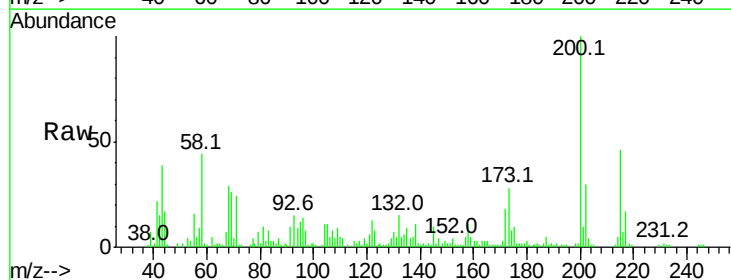
Instrument :
BNA_F
ClientSampleId :
LSS-SP08-COMPMS

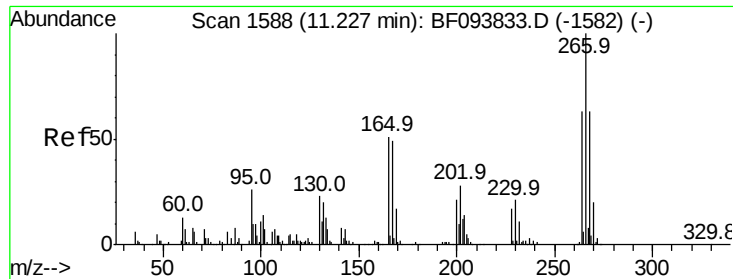
Tot Ion:284 Resp: 38298
Ion Ratio Lower Upper
284 100
142 40.7 22.8 34.2#
249 33.4 24.0 36.0



#68
Atrazine
Concen: 14.69 ng
RT: 11.03 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF094136.D
Acq: 3 Apr 2017 22:17

Tgt Ion:200 Resp: 38455
Ion Ratio Lower Upper
200 100
173 28.5 6.3 46.3
215 46.5 27.2 67.2

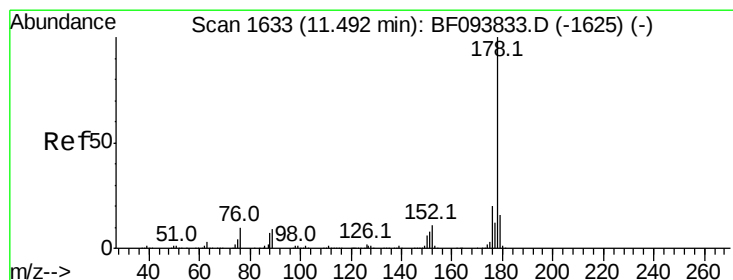
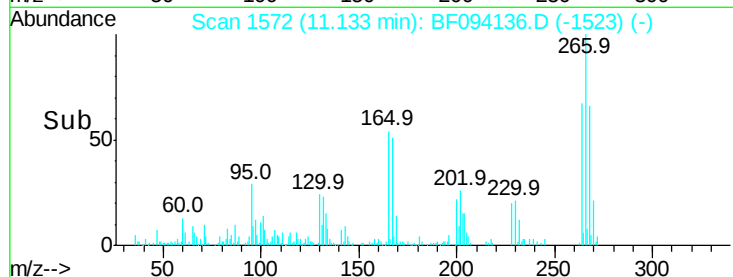
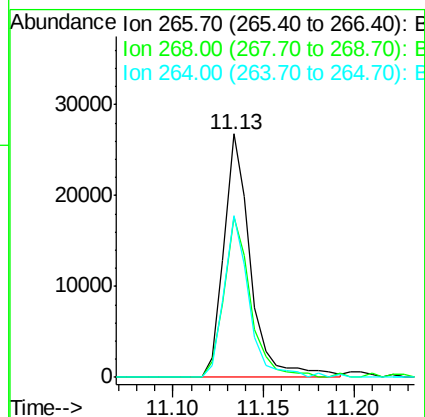
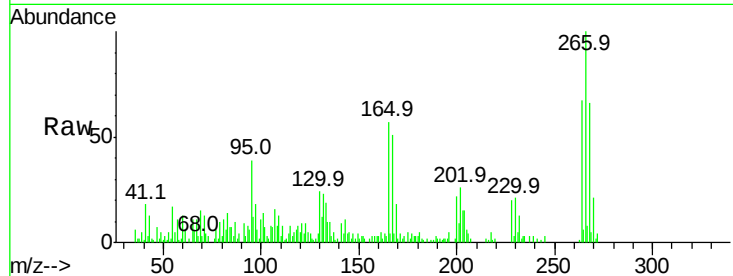




#69
 Pentachlorophenol
 Concen: 17.54 ng
 RT: 11.13 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF094136.D
 Acq: 3 Apr 2017 22:17

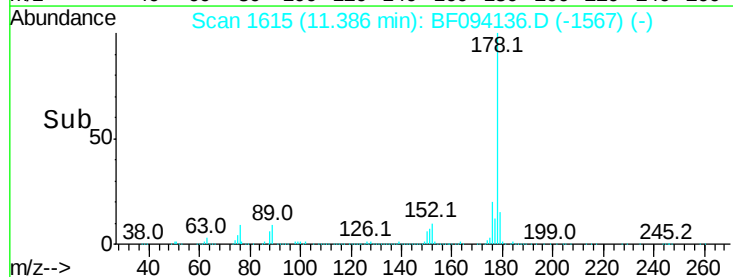
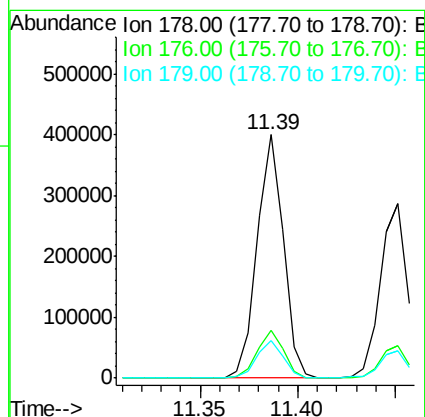
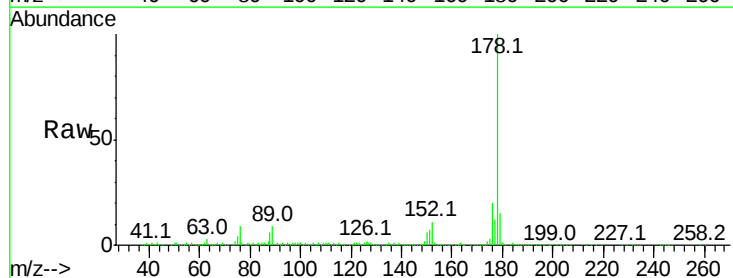
Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP08-COMPMS

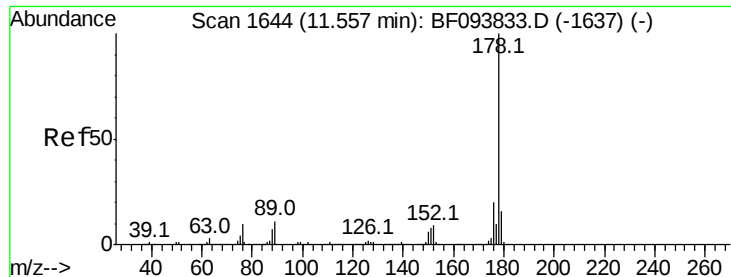
Tot Ion:266 Resp: 27480
 Ion Ratio Lower Upper
 266 100
 268 65.6 51.1 76.7
 264 66.6 51.7 77.5



#70
 Phenanthrene
 Concen: 26.55 ng
 RT: 11.39 min Scan# 1615
 Delta R.T. -0.02 min
 Lab File: BF094136.D
 Acq: 3 Apr 2017 22:17

Tgt Ion:178 Resp: 373249
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.2 24.4
 179 15.3 12.6 19.0

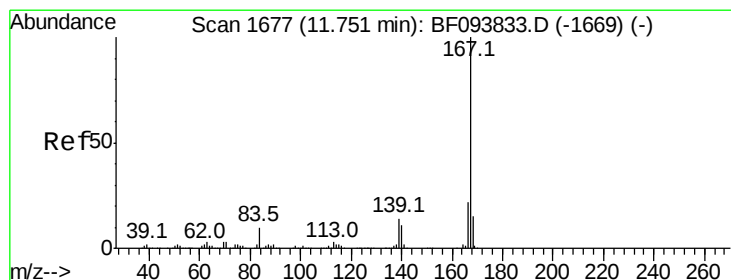
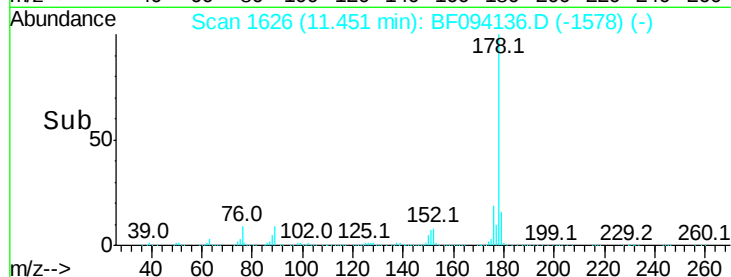
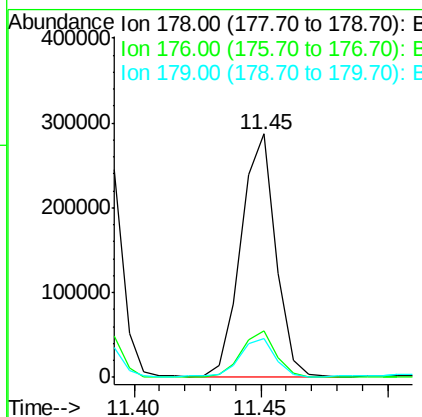
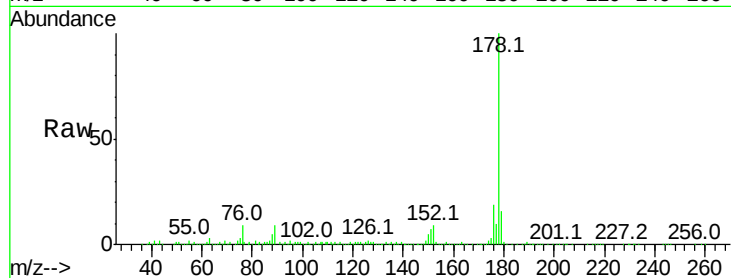




#71
 Anthracene
 Concen: 18.75 ng
 RT: 11.45 min Scan# 1626
 Delta R.T. -0.02 min
 Lab File: BF094136.D
 Acq: 3 Apr 2017 22:17

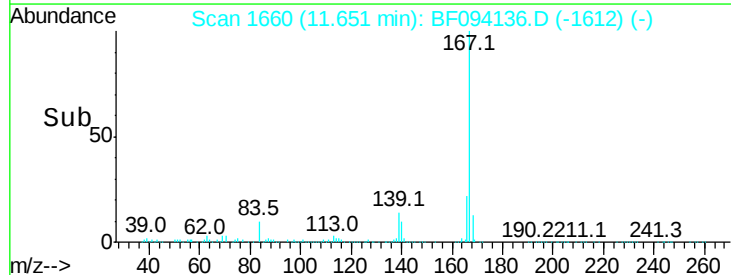
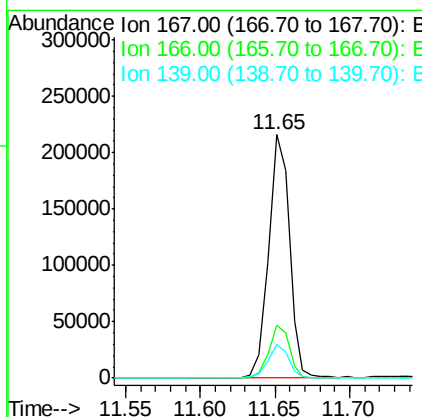
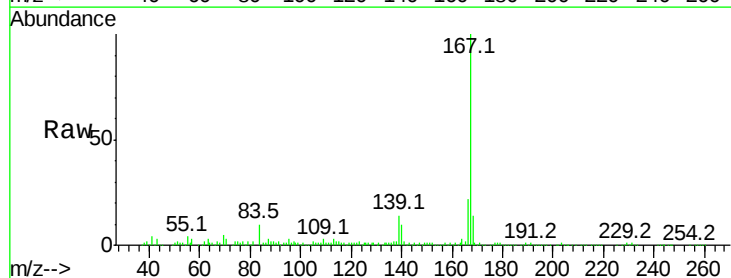
Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP08-COMPMS

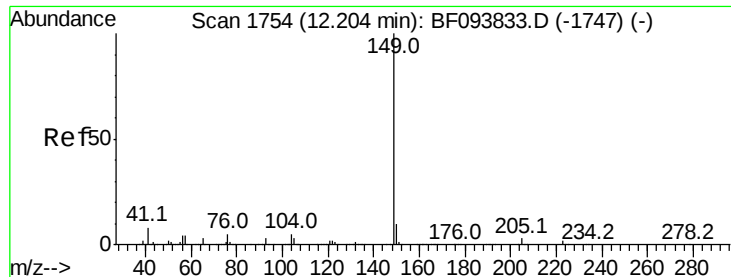
Tot Ion:178 Resp: 271525
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.9 12.7 19.1



#72
 Carbazole
 Concen: 13.91 ng
 RT: 11.65 min Scan# 1660
 Delta R.T. -0.02 min
 Lab File: BF094136.D
 Acq: 3 Apr 2017 22:17

Tgt Ion:167 Resp: 206556
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 14.0 11.7 17.5





#73

Di-n-butylphthalate

Concen: 18.31 ng

RT: 12.10 min Scan# 1737

Delta R.T. -0.01 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMS

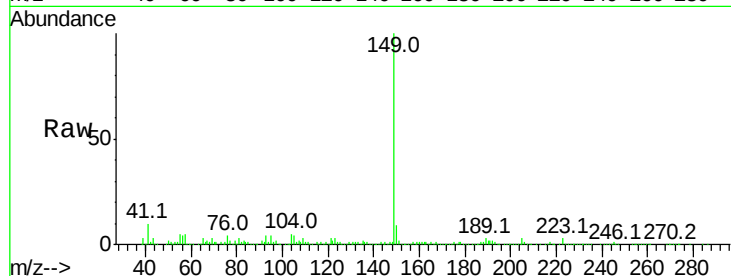
Tot Ion:149 Resp: 282732

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

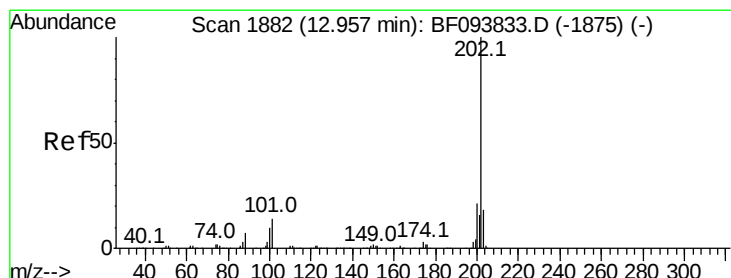
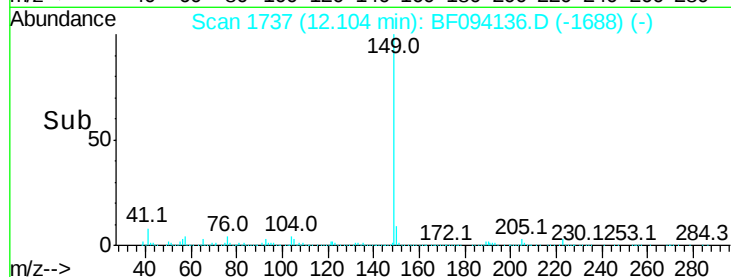
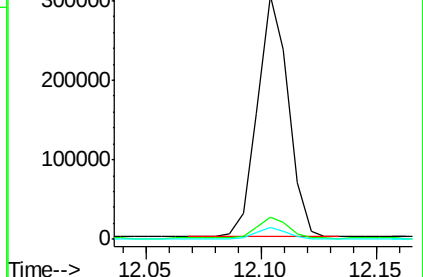
104 4.7 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 32.61 ng

RT: 12.85 min Scan# 1864

Delta R.T. -0.02 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

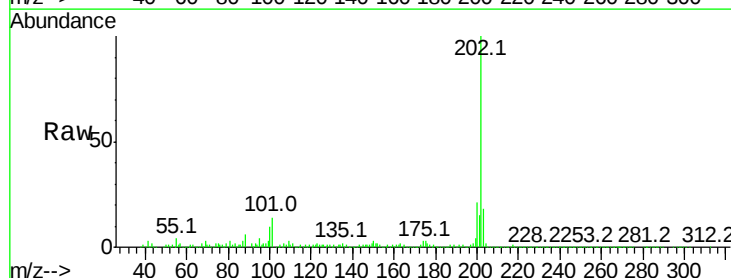
Tgt Ion:202 Resp: 469570

Ion Ratio Lower Upper

202 100

101 13.9 0.0 33.2

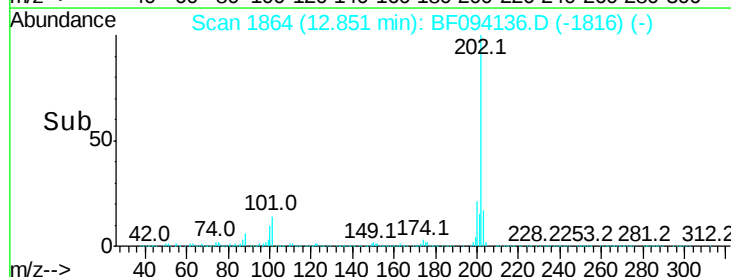
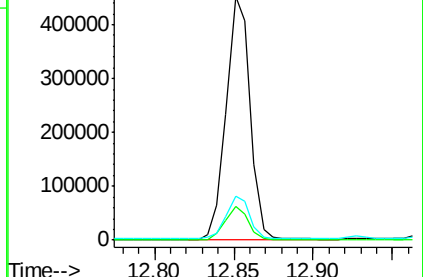
203 17.9 0.0 38.1

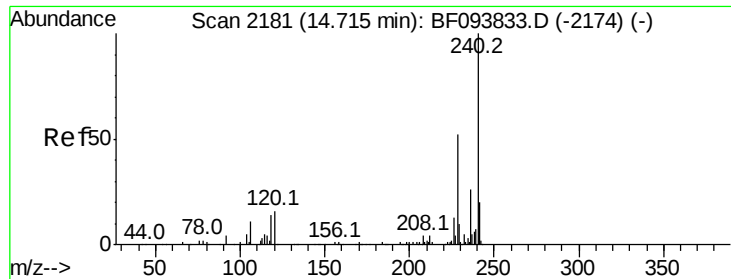


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.62 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMS

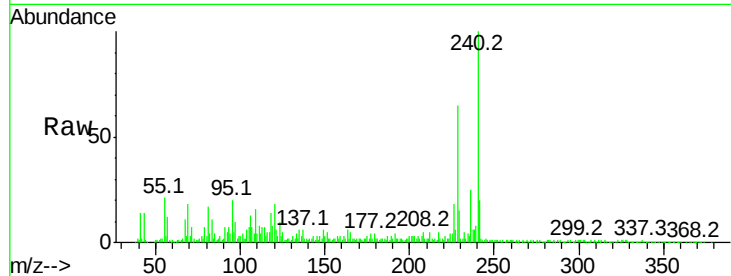
Tot Ion:240 Resp: 202839

Ion Ratio Lower Upper

240 100

120 17.6 5.8 8.8#

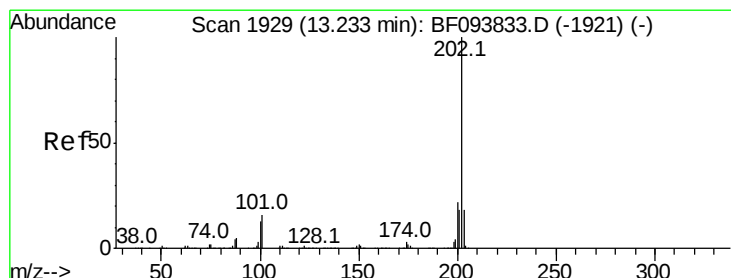
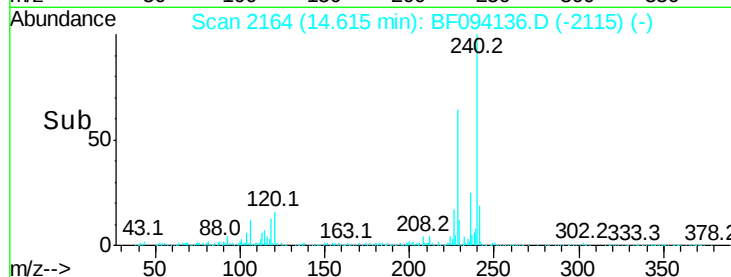
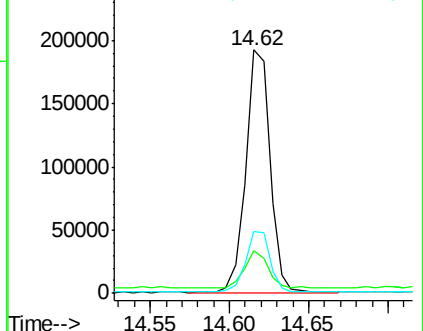
236 25.1 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 30.91 ng

RT: 13.13 min Scan# 1911

Delta R.T. -0.02 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

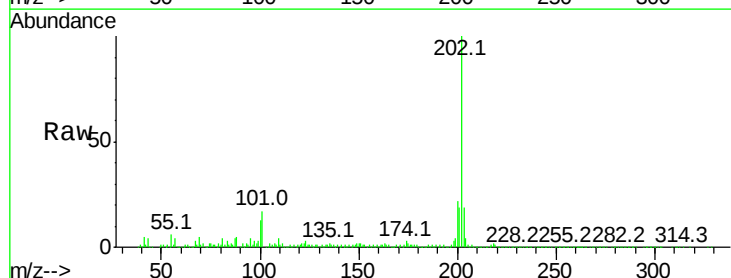
Tgt Ion:202 Resp: 454955

Ion Ratio Lower Upper

202 100

200 21.8 17.6 26.4

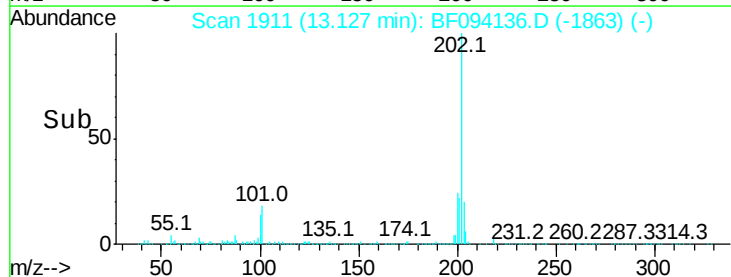
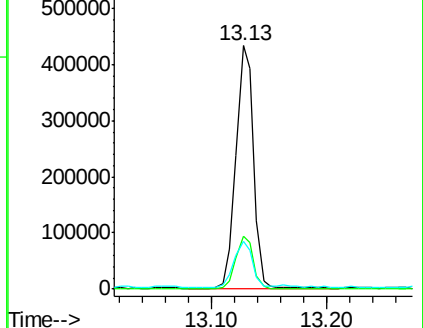
203 19.4 14.4 21.6

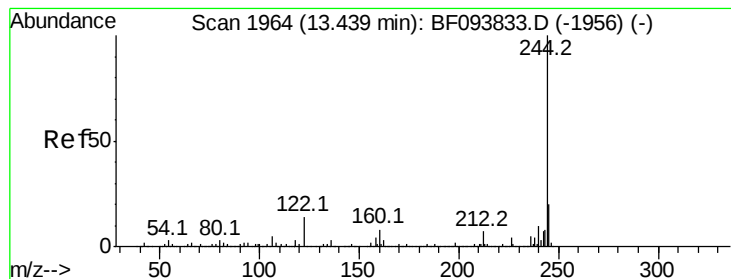


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 29.04 ng

RT: 13.33 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMS

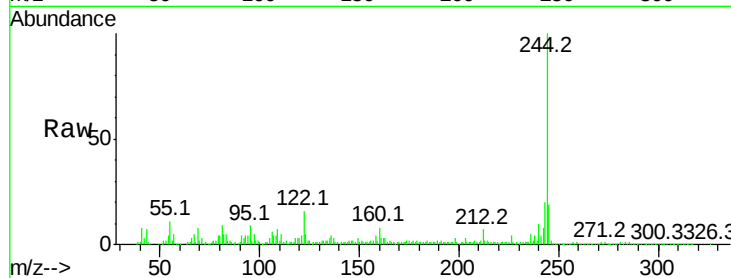
Tot Ion:244 Resp: 262830

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

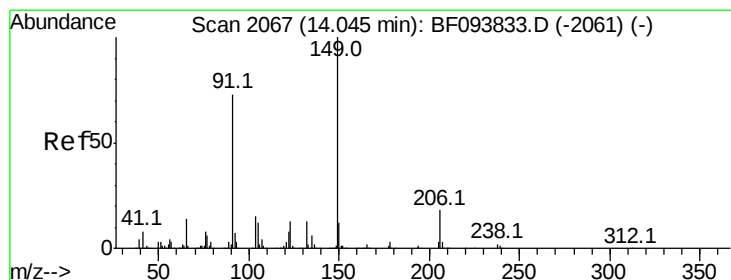
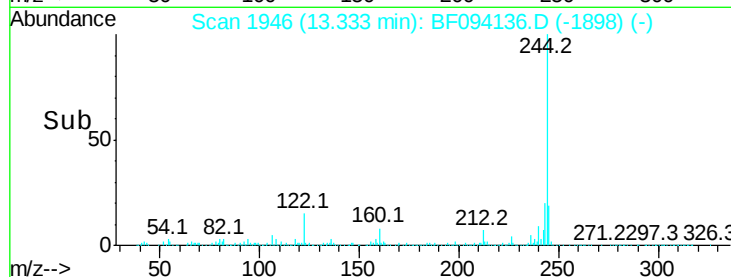
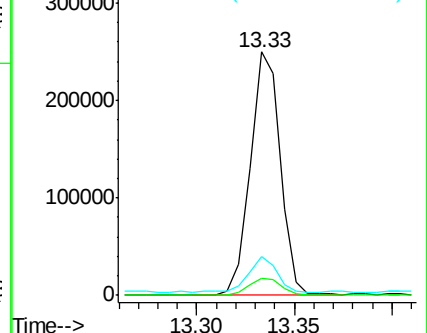
122 16.1 10.3 15.5#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 64.71 ng

RT: 13.95 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

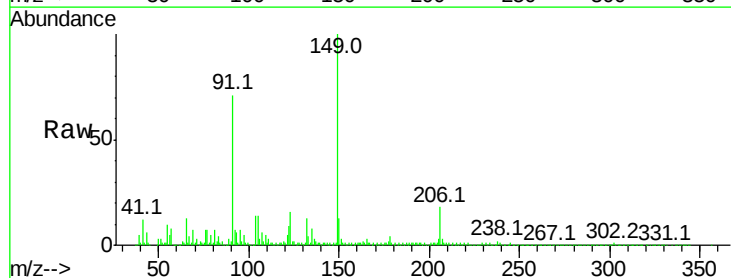
Tgt Ion:149 Resp: 405851

Ion Ratio Lower Upper

149 100

91 71.5 45.0 67.4#

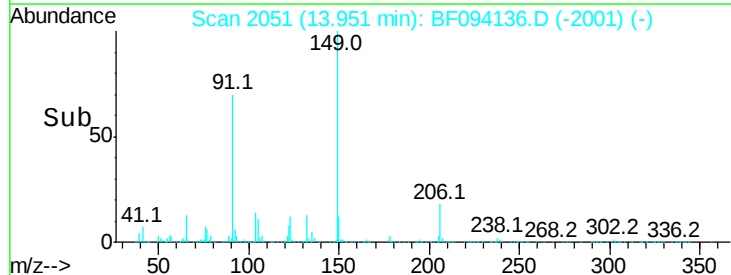
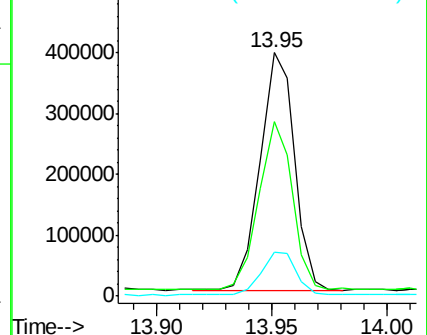
206 18.2 17.0 25.6

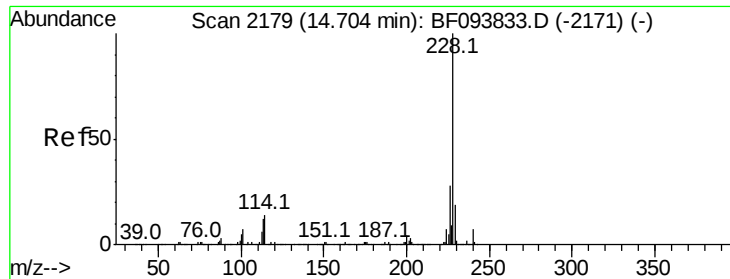


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 25.81 ng

RT: 14.61 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMS

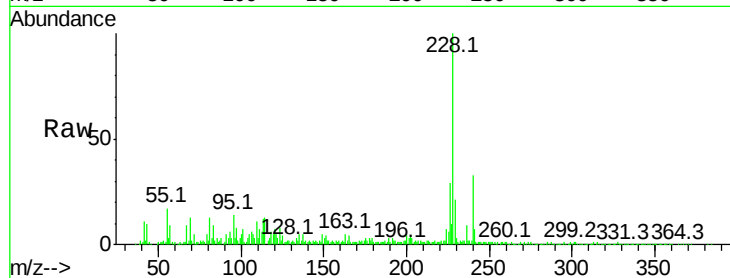
Tot Ion:228 Resp: 305247

Ion Ratio Lower Upper

228 100

226 29.1 22.6 33.8

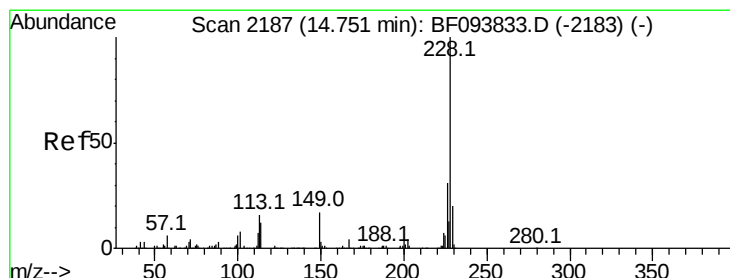
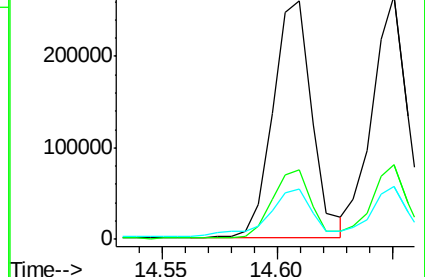
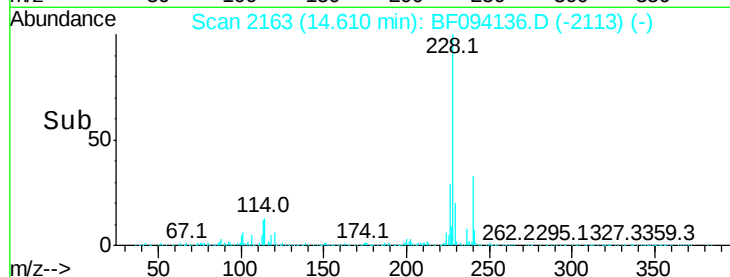
229 20.9 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 25.34 ng

RT: 14.65 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

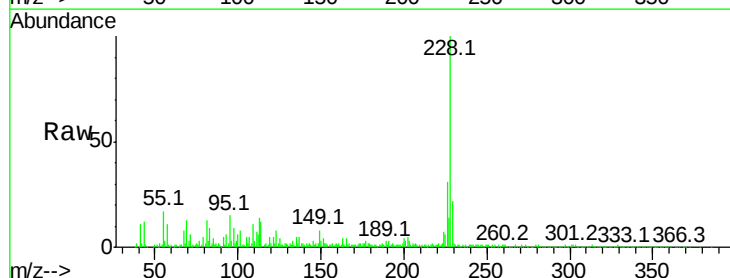
Tgt Ion:228 Resp: 278131

Ion Ratio Lower Upper

228 100

226 30.7 24.9 37.3

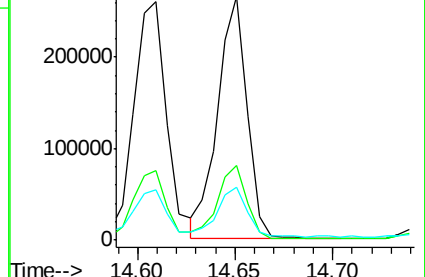
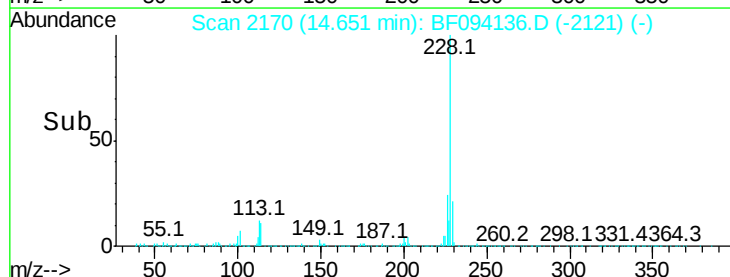
229 21.9 15.8 23.6

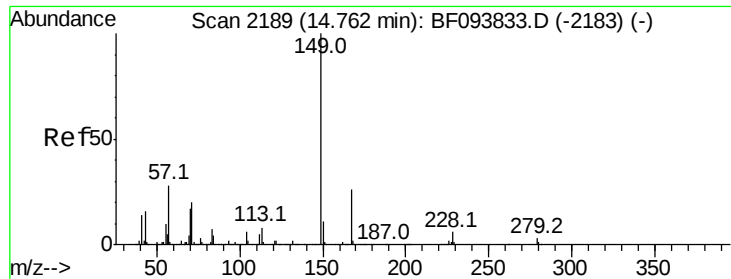


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

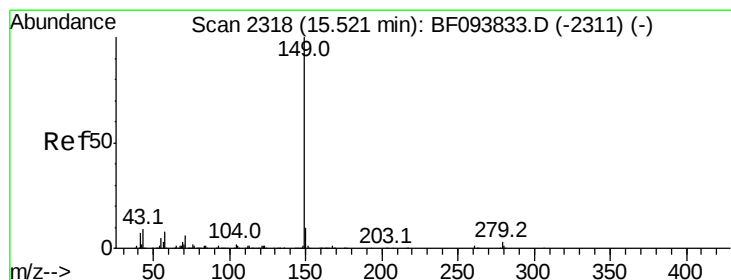
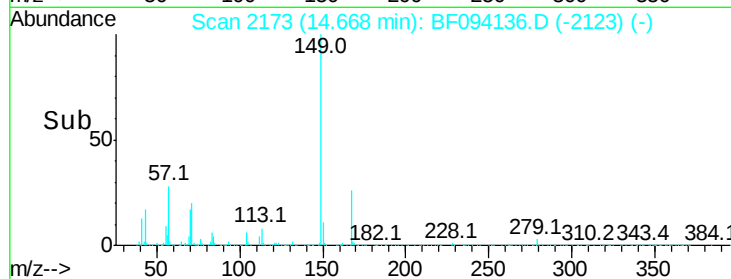
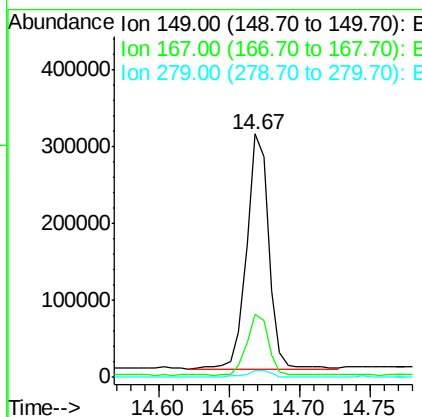
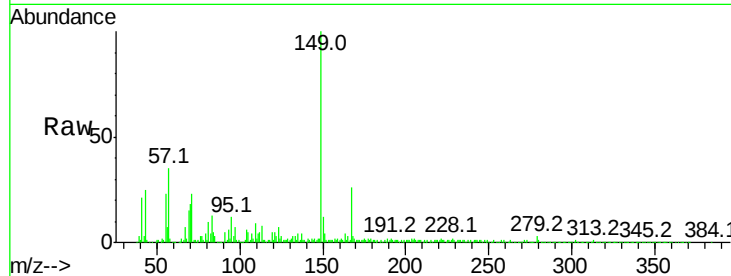




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.98 ng
 RT: 14.67 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BF094136.D
 Acq: 3 Apr 2017 22:17

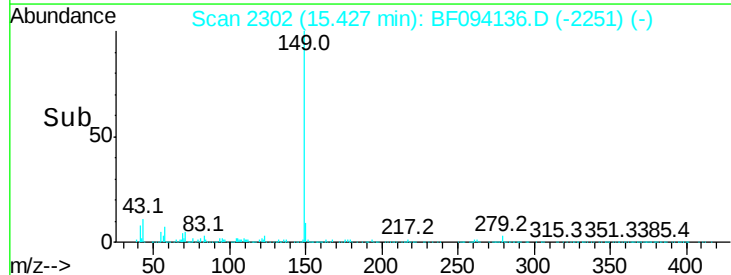
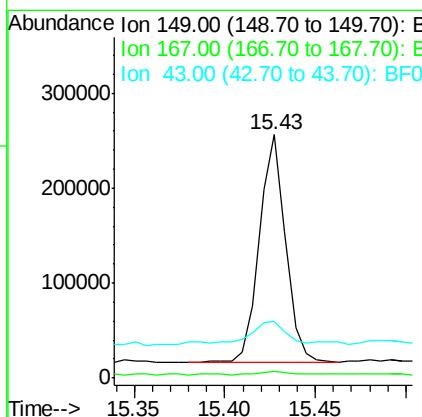
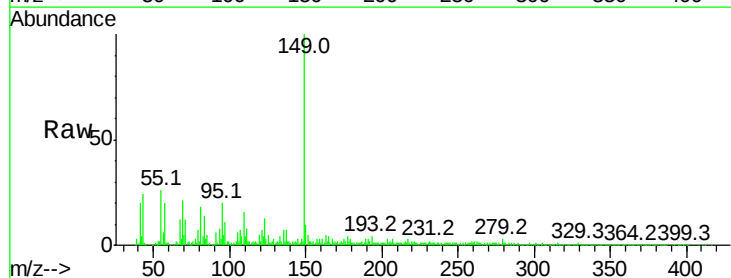
Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP08-COMPMS

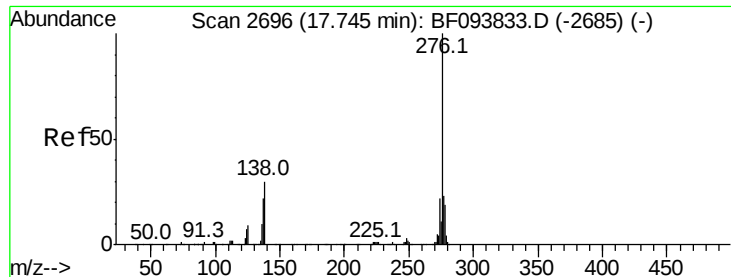
Tot Ion:149 Resp: 333524
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.0 31.4
 279 2.8 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 16.87 ng
 RT: 15.43 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: BF094136.D
 Acq: 3 Apr 2017 22:17

Tgt Ion:149 Resp: 241177
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.2 1.8
 43 12.0 8.5 12.7

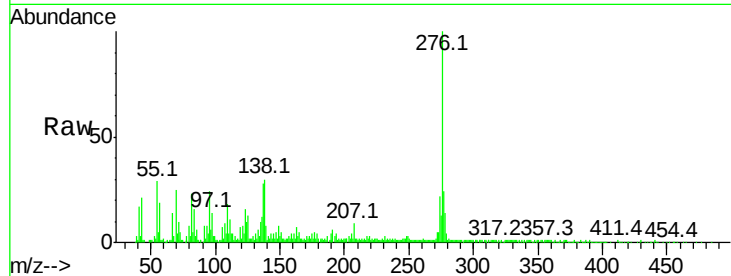




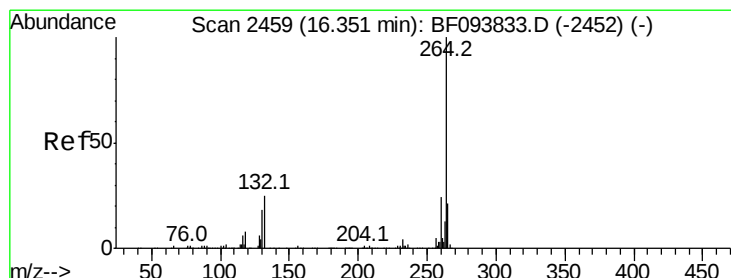
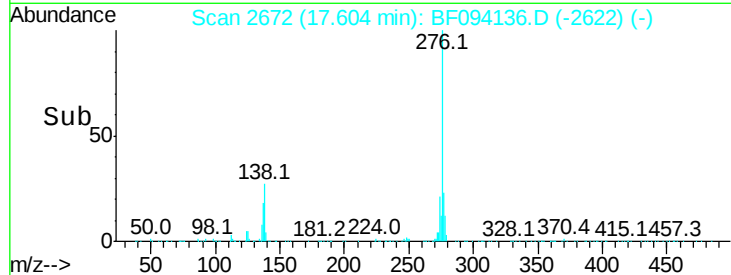
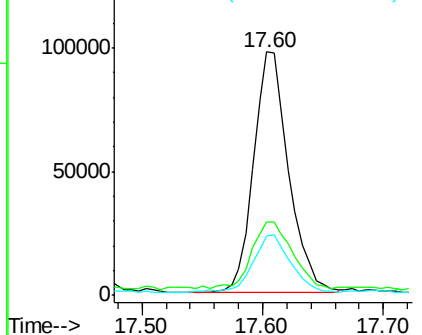
#85
Indeno(1,2,3-cd)pyrene
Concen: 20.91 ng
RT: 17.60 min Scan# 2672
Delta R.T. -0.01 min
Lab File: BF094136.D
Acq: 3 Apr 2017 22:17

Instrument :
BNA_F
ClientSampleId :
LSS-SP08-COMPMS

Tot Ion:276 Resp: 198742
Ion Ratio Lower Upper
276 100
138 31.2 27.8 41.6
277 25.5 20.2 30.4

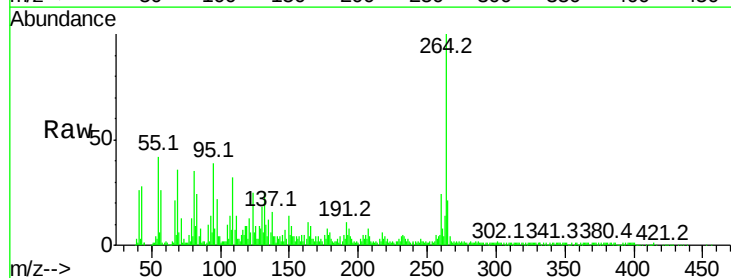


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

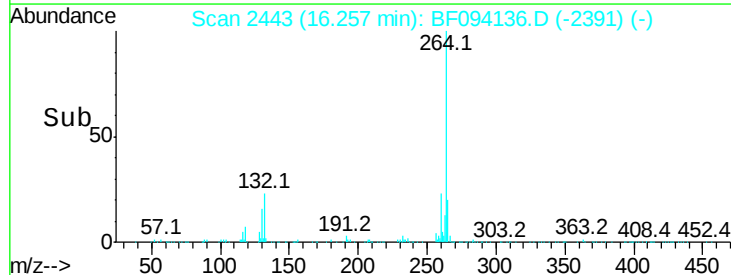
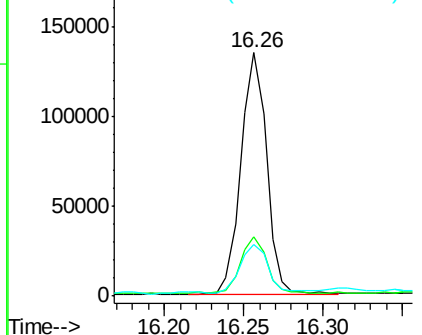


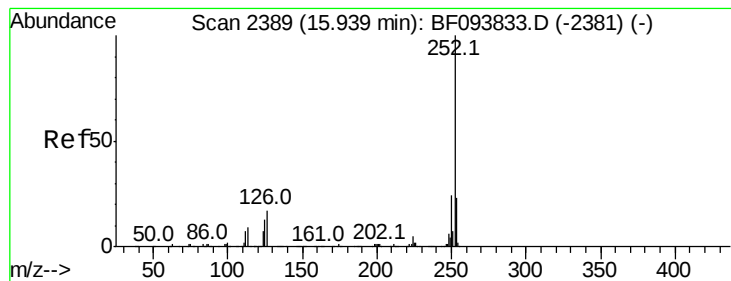
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.26 min Scan# 2443
Delta R.T. 0.01 min
Lab File: BF094136.D
Acq: 3 Apr 2017 22:17

Tgt Ion:264 Resp: 152003
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 21.3 17.2 25.8



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





#87

Benzo(b)fluoranthene

Concen: 31.97 ng

RT: 15.85 min Scan# 2374

Delta R.T. -0.00 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMS

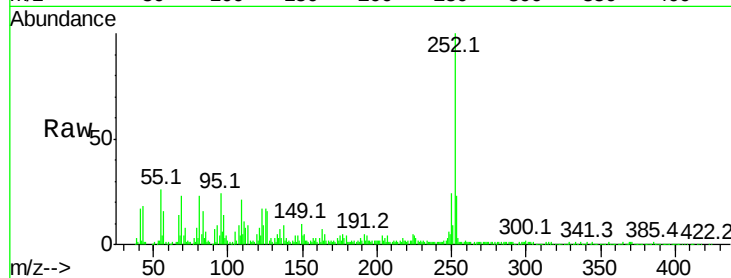
Tot Ion:252 Resp: 297875

Ion Ratio Lower Upper

252 100

253 23.1 18.1 27.1

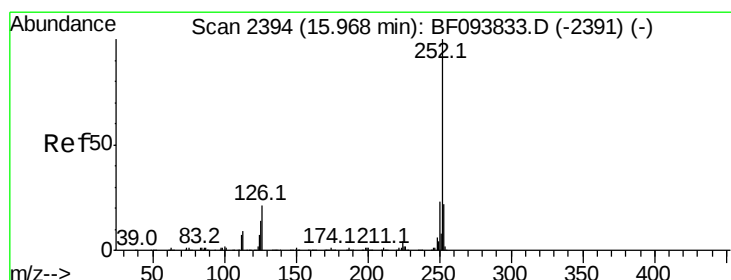
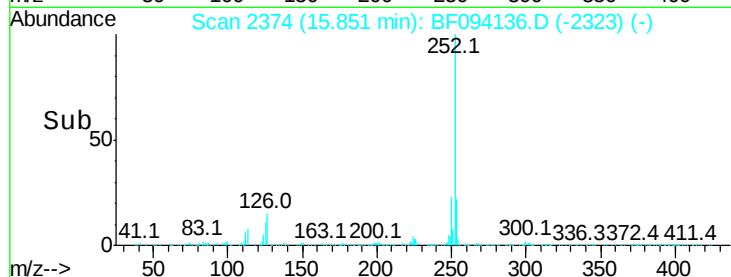
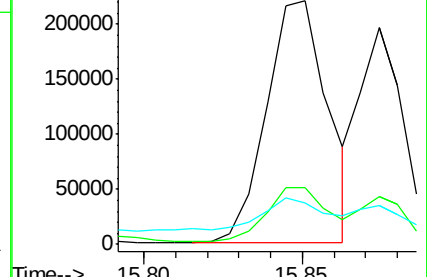
125 17.0 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 20.95 ng

RT: 15.87 min Scan# 2378

Delta R.T. -0.01 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

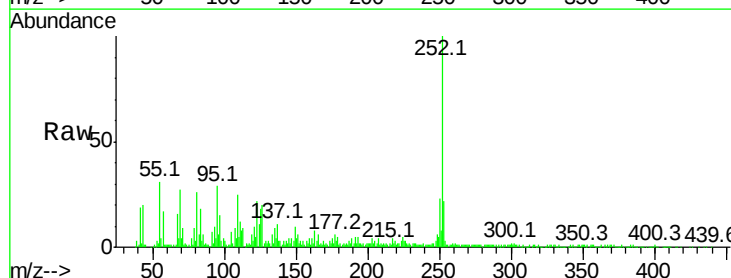
Tgt Ion:252 Resp: 190965

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

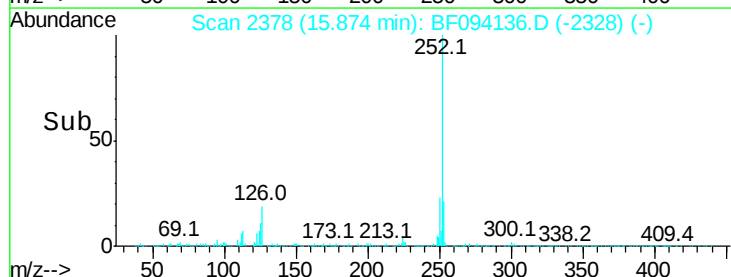
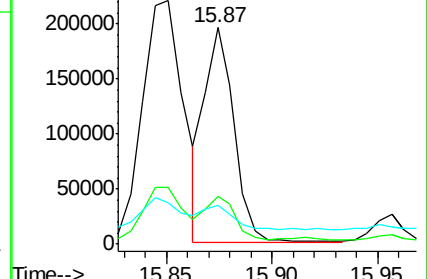
125 18.1 13.1 19.7

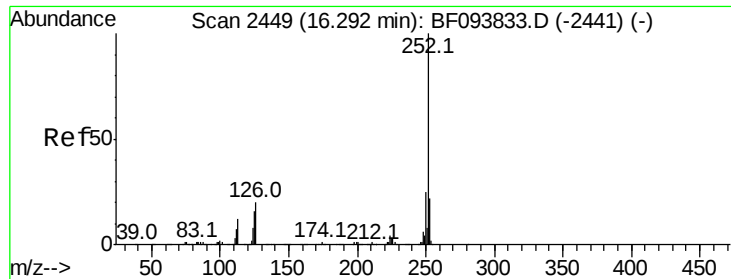


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 27.09 ng

RT: 16.20 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMS

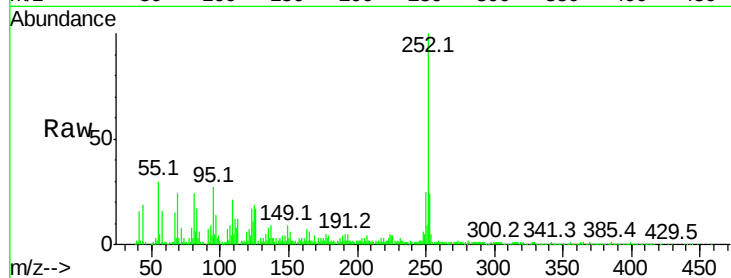
Tot Ion:252 Resp: 232404

Ion Ratio Lower Upper

252 100

253 24.3 17.5 26.3

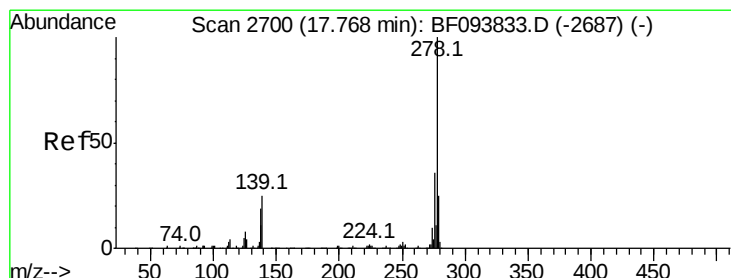
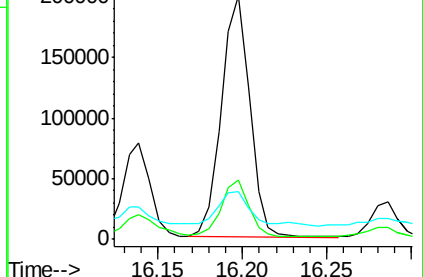
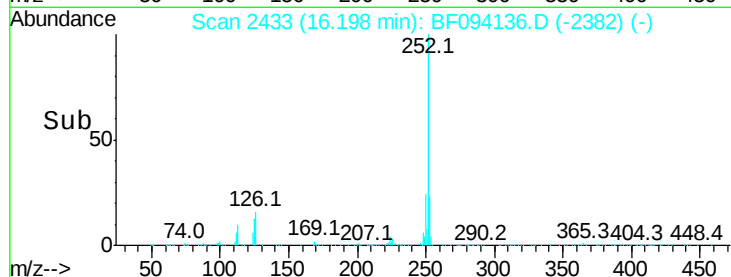
125 19.5 11.0 16.4#



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: 16.60 ng

RT: 17.63 min Scan# 2676

Delta R.T. -0.01 min

Lab File: BF094136.D

Acq: 3 Apr 2017 22:17

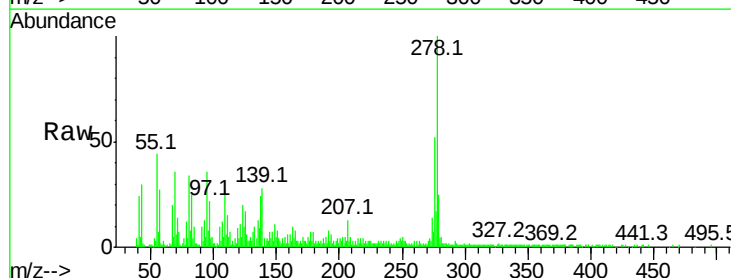
Tgt Ion:278 Resp: 120652

Ion Ratio Lower Upper

278 100

139 28.5 16.6 24.8#

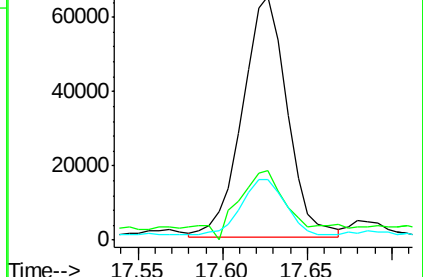
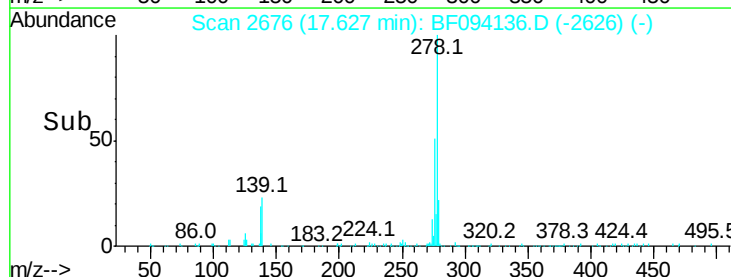
279 24.8 19.3 28.9

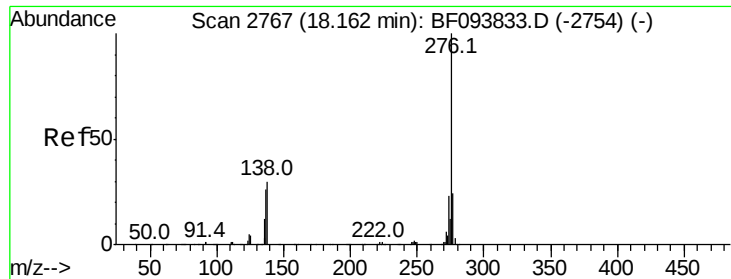


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

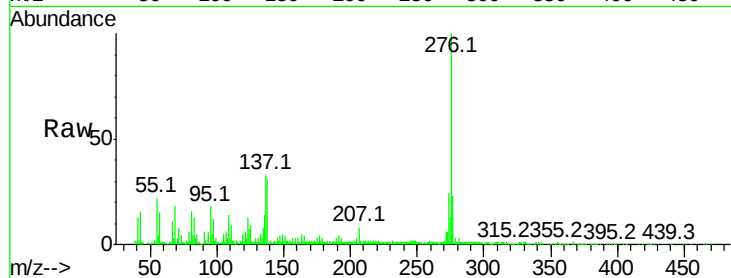




#91
 Benzo(a,h,i)perylene
 Concen: 27.24 ng
 RT: 18.00 min Scan# 2740
 Delta R.T. -0.01 min
 Lab File: BF094136.D
 Acq: 3 Apr 2017 22:17

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP08-COMPMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	28.0
138	31.2	25.4	38.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

