

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
 Data File : BF094137.D
 Acq On : 3 Apr 2017 22:45
 Operator : SJ/MA
 Sample : I2493-12MSD 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP08-COMPMSD

Quant Time: Apr 04 01:07:35 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	143471	20.00	ng	-0.02
21) Naphthalene-d8	7.39	136	543898	20.00	ng	-0.02
38) Acenaphthene-d10	9.53	164	216153	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	318897	20.00	ng	-0.02
75) Chrysene-d12	14.62	240	259273	20.00	ng	0.00
86) Perylene-d12	16.26	264	190090	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.42	112	300630	35.39	ng	-0.02
7) Phenol-d6	5.49	99	364593	34.70	ng	-0.02
23) Nitrobenzene-d5	6.53	82	188812	19.81	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	49789	29.15	ng	-0.02
44) 2-Fluorobiphenyl	8.72	172	413332	29.17	ng	-0.02
78) Terphenyl-d14	13.34	244	245972	21.26	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.22	88	35838	8.78	ng	98
3) Pyridine	2.73	79	112343	10.10	ng	97
4) n-Nitrosodimethylamine	2.67	42	51294	11.21	ng	# 88
6) Aniline	5.50	93	97462	6.67	ng	# 5
8) 2-Chlorophenol	5.65	128	111652	11.96	ng	97
9) Benzaldehyde	5.38	77	69467	9.79	ng	96
10) Phenol	5.50	94	143467	12.00	ng	83
11) bis(2-Chloroethyl)ether	5.59	93	109504	11.72	ng	96
12) 1,3-Dichlorobenzene	5.82	146	122630	11.71	ng	99
13) 1,4-Dichlorobenzene	5.91	146	126114	11.89	ng	97
14) 1,2-Dichlorobenzene	6.08	146	117838	12.06	ng	96
15) Benzyl Alcohol	6.05	79	95703	12.44	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.22	45	149174	10.36	ng	96
17) 2-Methylphenol	6.20	107	91206	11.41	ng	94
18) Hexachloroethane	6.47	117	28133	7.55	ng	# 79
19) n-Nitroso-di-n-propylamine	6.36	70	81311	12.04	ng	96
20) 3+4-Methylphenols	6.38	107	119525	12.34	ng	# 62
22) Acetophenone	6.36	105	166070	13.70	ng	# 85
24) Nitrobenzene	6.55	77	96579	10.27	ng	100
25) Isophorone	6.84	82	194230	11.60	ng	97
26) 2-Nitrophenol	6.93	139	9411	2.10	ng	# 90
27) 2,4-Dimethylphenol	7.00	122	95766	12.40	ng	98
28) bis(2-Chloroethoxy)methane	7.10	93	129911	11.76	ng	97
29) 2,4-Dichlorophenol	7.23	162	78793	10.91	ng	98
30) 1,2,4-Trichlorobenzene	7.33	180	92627	12.45	ng	99
31) Naphthalene	7.42	128	346639	13.25	ng	99
33) 4-Chloroaniline	7.49	127	77380	7.30	ng	# 92
34) Hexachlorobutadiene	7.57	225	46904	12.30	ng	99
35) Caprolactam	7.89	113	22244	9.66	ng	95
36) 4-Chloro-3-methylphenol	8.10	107	78287	10.37	ng	93
37) 2-Methylnaphthalene	8.26	142	242330	13.90	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.46	216	81905	13.85	ng	99
42) 2,4,6-Trichlorophenol	8.62	196	45959	10.99	ng	98
43) 2,4,5-Trichlorophenol	8.66	196	43459	9.60	ng	95

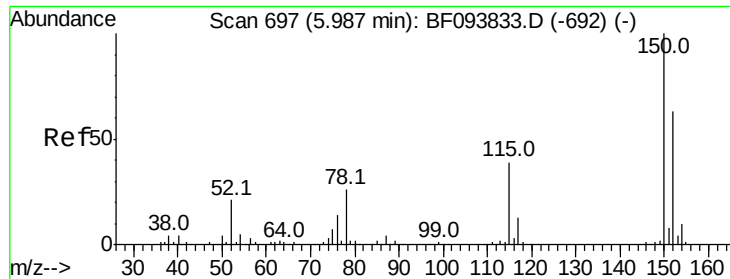
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	8.83	154	240467	13.79	nq	97
46) 2-Chloronaphthalene	8.85	162	182203	13.35	nq	96
47) 2-Nitroaniline	8.97	65	40606	10.03	nq	94
48) Acenaphthylene	9.36	152	284234	12.53	nq	98
49) Dimethylphthalate	9.21	163	249810	16.26	nq	99
50) 2,6-Dinitrotoluene	9.28	165	16380	4.65	nq	# 79
51) Acenaphthene	9.57	154	169130	12.78	nq	99
52) 3-Nitroaniline	9.48	138	40937	9.90	nq	94
54) Dibenzofuran	9.79	168	245157	13.61	nq	97
55) 4-Nitrophenol	9.73	139	33826	10.44	nq	# 75
56) 2,4-Dinitrotoluene	9.77	165	18447	4.17	nq	# 70
57) Fluorene	10.21	166	189560	12.69	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.95	232	31923	10.28	nq	96
59) Diethylphthalate	10.09	149	197007	12.97	nq	99
60) 4-Chlorophenyl-phenylether	10.22	204	81164	12.75	nq	90
61) 4-Nitroaniline	10.23	138	40602	10.23	nq	95
62) Azobenzene	10.41	77	169598	11.81	nq	93
65) n-Nitrosodiphenylamine	10.36	169	157205	14.25	nq	98
66) 4-Bromophenyl-phenylether	10.82	248	42214	13.46	nq	99
67) Hexachlorobenzene	10.89	284	40225	12.67	nq	# 86
68) Atrazine	11.03	200	37712	11.42	nq	96
69) Pentachlorophenol	11.13	266	27119	13.72	nq	98
70) Phenanthrene	11.39	178	327410	18.46	nq	97
71) Anthracene	11.45	178	262022	14.35	nq	99
72) Carbazole	11.65	167	210922	11.26	nq	98
73) Di-n-butylphthalate	12.10	149	287411	14.76	nq	99
74) Fluoranthene	12.86	202	406581	22.38	nq	98
77) Pvrene	13.13	202	399649	21.24	nq	97
79) Butylbenzylphthalate	13.95	149	193458	24.13	nq	# 83
80) Benzo(a)anthracene	14.61	228	288224	19.06	nq	100
81) 3,3'-Dichlorobenzidine	14.58	252	12953	2.40	nq	# 76
82) Chrysene	14.65	228	262346	18.70	nq	98
83) Bis(2-ethylhexyl)phthalate	14.67	149	268783	24.57	nq	# 99
84) Di-n-octyl phthalate	15.43	149	245000	13.41	nq	# 90
85) Indeno(1,2,3-cd)pyrene	17.60	276	192010	15.80	nq	99
87) Benzo(b)fluoranthene	15.84	252	291978	25.06	nq	# 93
88) Benzo(k)fluoranthene	15.87	252	173060	15.18	nq	98
89) Benzo(a)pyrene	16.19	252	218559	20.37	nq	# 92
90) Dibenzo(a,h)anthracene	17.62	278	115519	12.71	nq	# 93
91) Benzo(g,h,i)perylene	18.00	276	189710	20.72	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.89 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

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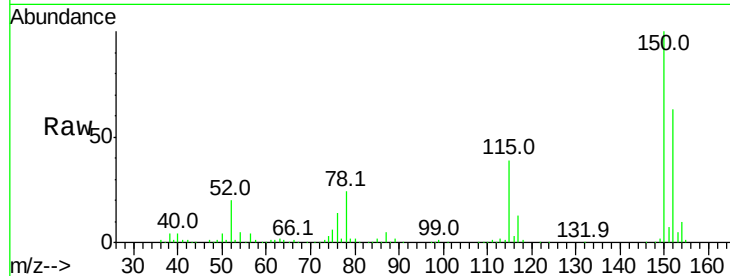
Tot Ion:152 Resp: 143471

Ion Ratio Lower Upper

152 100

150 157.8 126.2 189.2

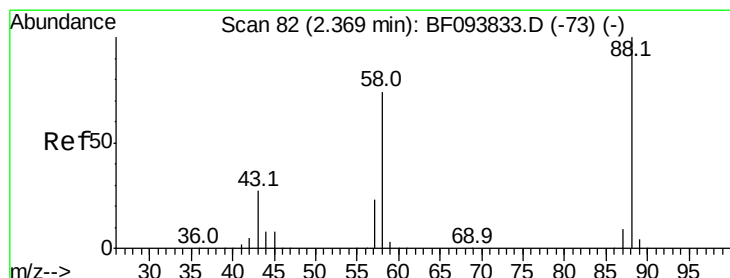
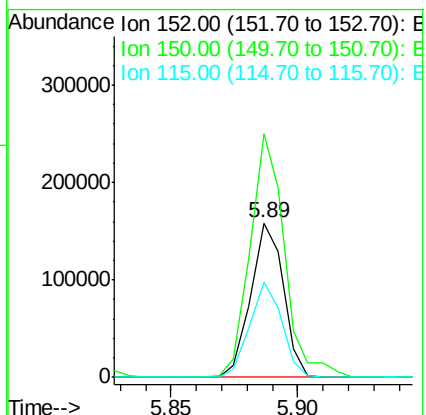
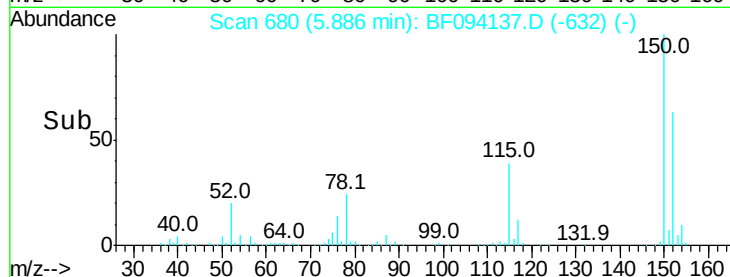
115 62.0 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 8.78 ng

RT: 2.22 min Scan# 57

Delta R.T. -0.03 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

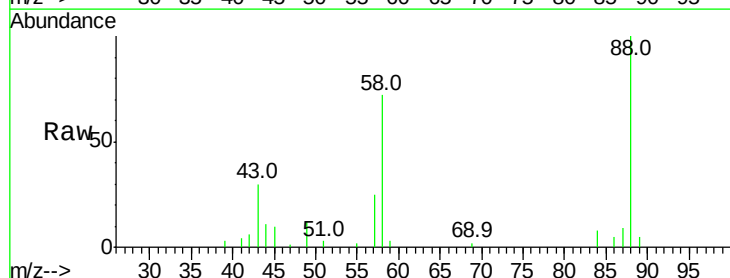
Tgt Ion: 88 Resp: 35838

Ion Ratio Lower Upper

88 100

58 74.4 61.4 92.0

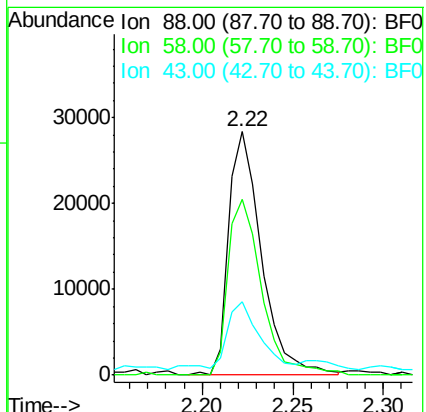
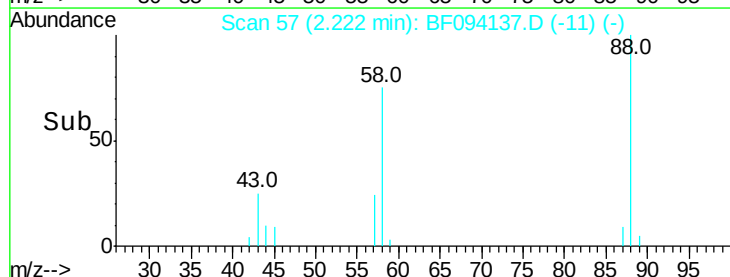
43 29.0 23.4 35.0

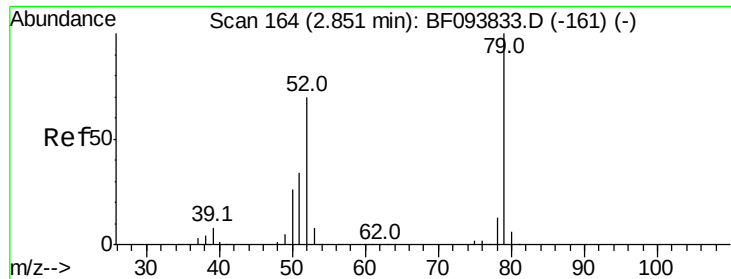


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 10.10 ng

RT: 2.73 min Scan# 144

Delta R.T. -0.01 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMSD

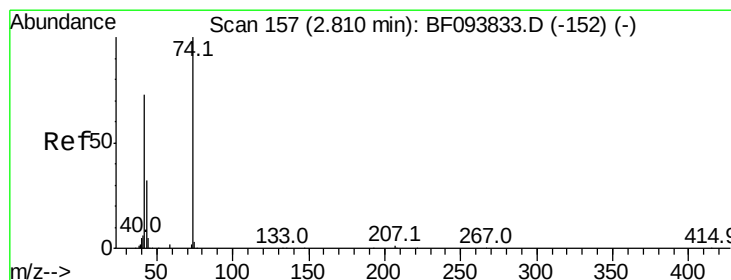
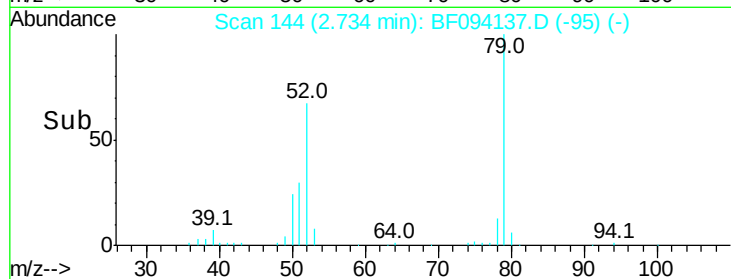
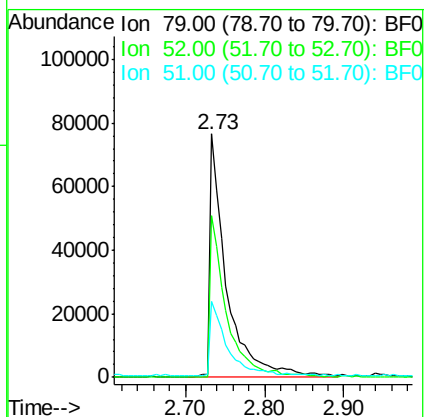
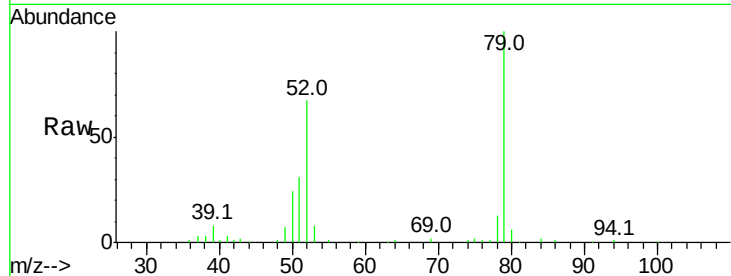
Tot Ion: 79 Resp: 112343

Ion Ratio Lower Upper

79 100

52 66.5 54.8 82.2

51 31.0 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 11.21 ng

RT: 2.67 min Scan# 134

Delta R.T. -0.04 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

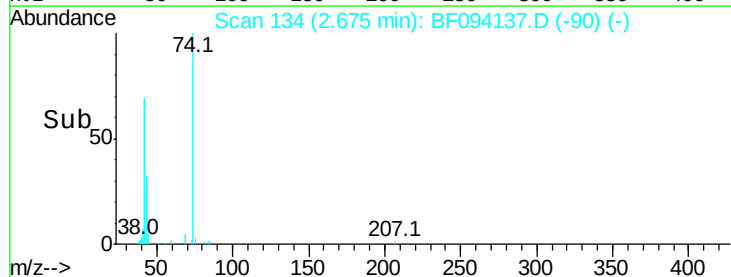
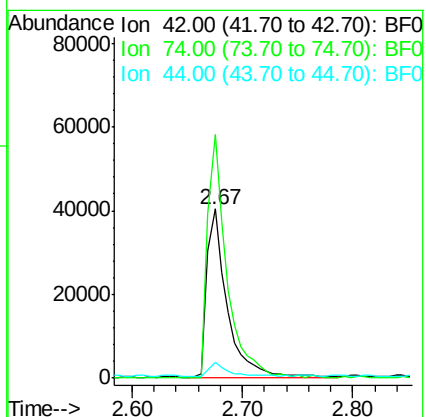
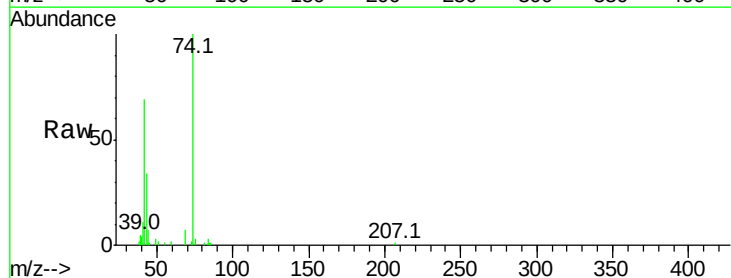
Tgt Ion: 42 Resp: 51294

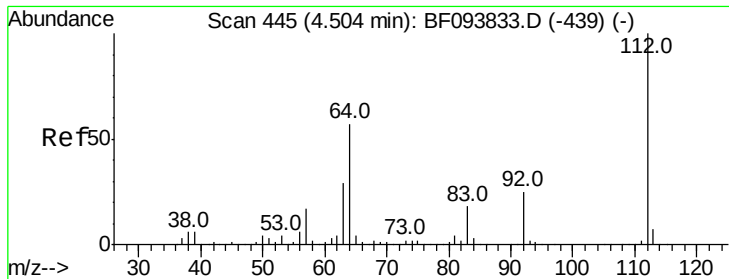
Ion Ratio Lower Upper

42 100

74 144.2 103.9 155.9

44 9.4 5.7 8.5#





#5

2-Fluorophenol

Concen: 35.39 ng

RT: 4.42 min Scan# 430

Delta R.T. -0.02 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMSD

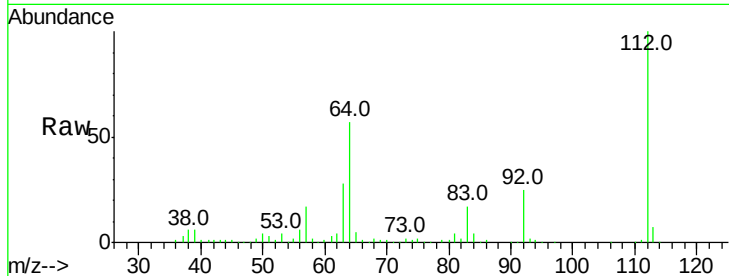
Tot Ion:112 Resp: 300630

Ion Ratio Lower Upper

112 100

64 57.2 46.0 69.0

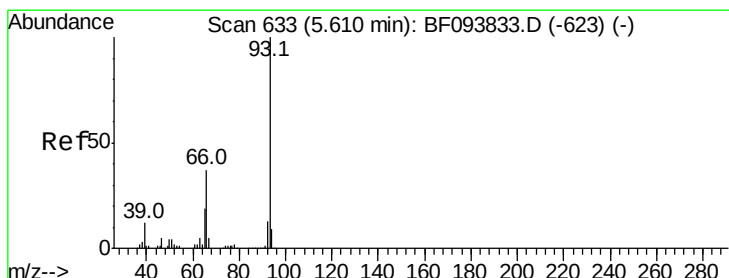
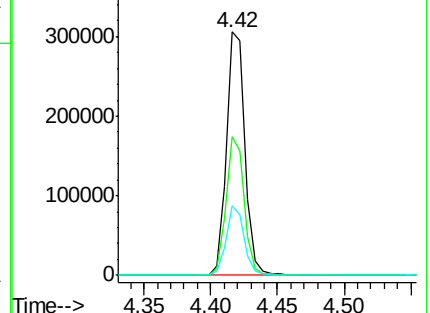
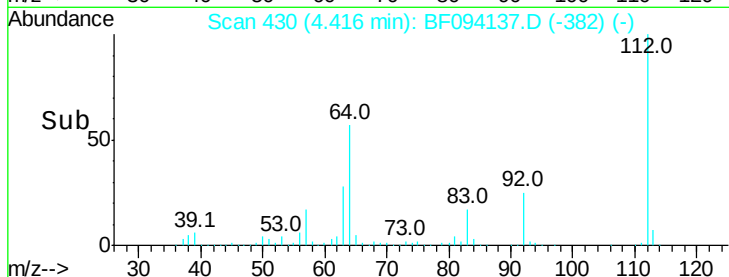
63 28.4 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 6.67 ng

RT: 5.50 min Scan# 615

Delta R.T. -0.02 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

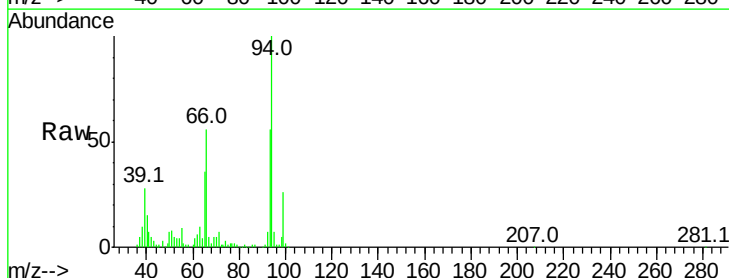
Tgt Ion: 93 Resp: 97462

Ion Ratio Lower Upper

93 100

66 99.9 32.9 49.3#

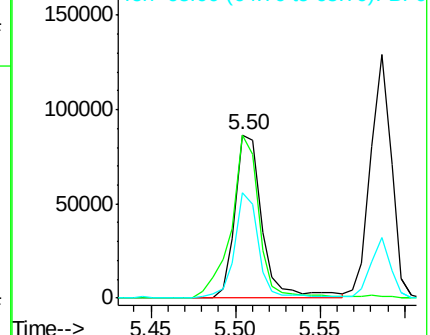
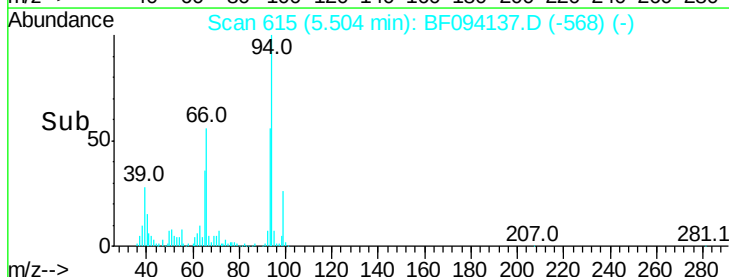
65 64.5 16.0 24.0#

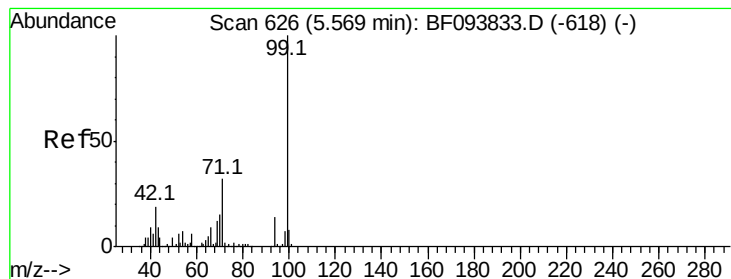


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 34.70 ng

RT: 5.49 min Scan# 613

Delta R.T. -0.02 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

Instrument :

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ClientSampleId :

LSS-SP08-COMPMSD

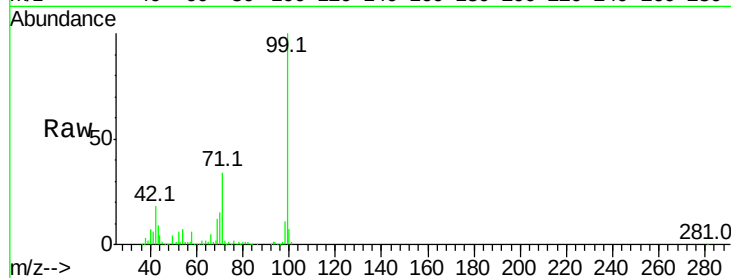
Tot Ion: 99 Resp: 364593

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

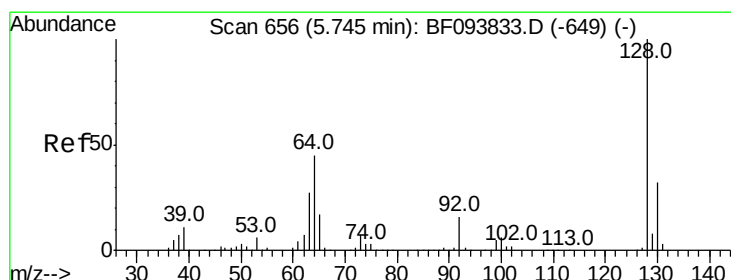
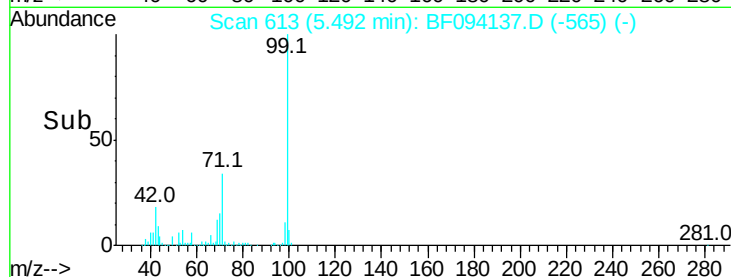
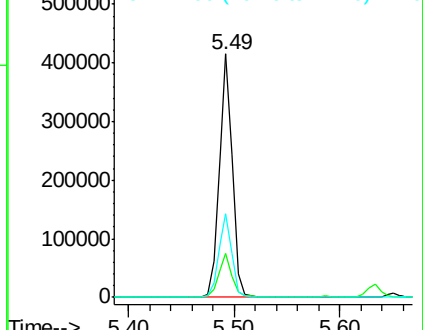
71 34.4 24.5 36.7



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: 11.96 ng

RT: 5.65 min Scan# 640

Delta R.T. -0.02 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

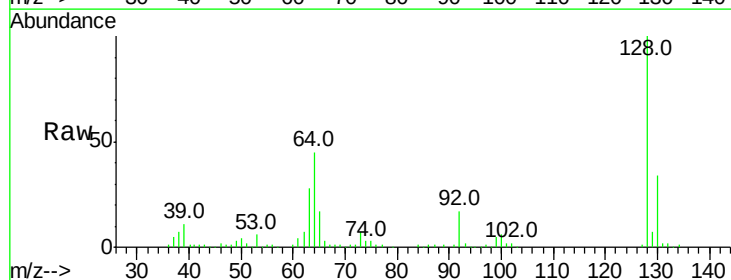
Tgt Ion: 128 Resp: 111652

Ion Ratio Lower Upper

128 100

130 33.6 12.9 52.9

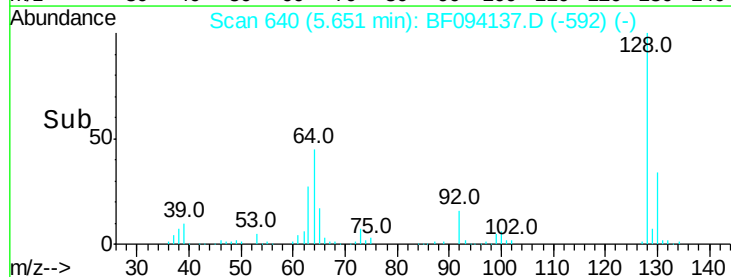
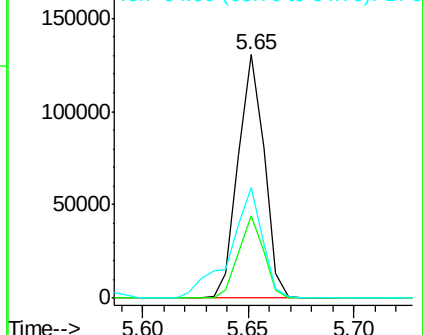
64 45.2 28.4 68.4

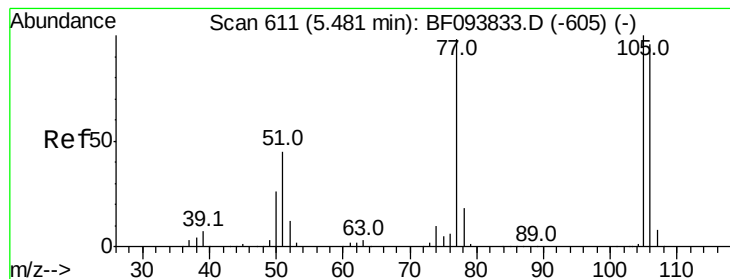


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.79 ng

RT: 5.38 min Scan# 594

Delta R.T. -0.02 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

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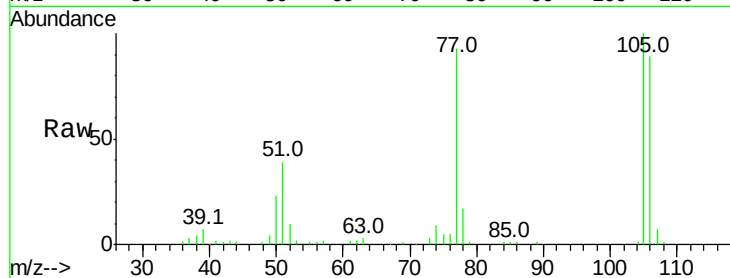
Tot Ion: 77 Resp: 69467

Ion Ratio Lower Upper

77 100

105 107.9 83.8 123.8

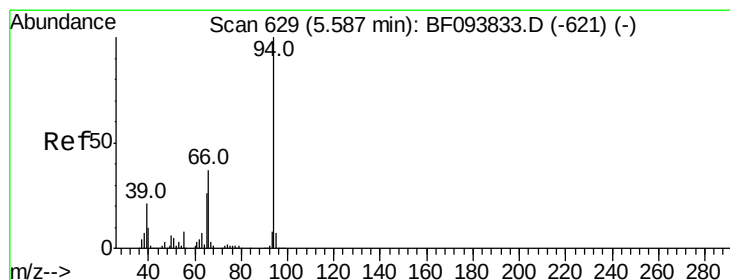
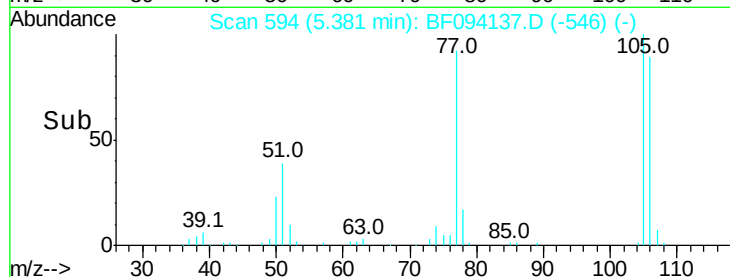
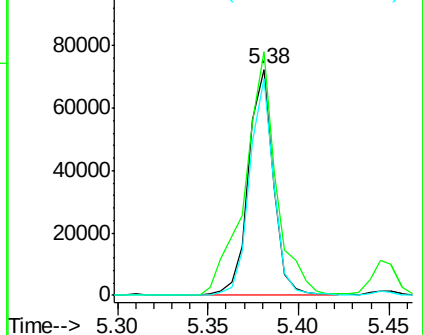
106 96.0 79.1 119.1



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: 12.00 ng

RT: 5.50 min Scan# 615

Delta R.T. -0.02 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

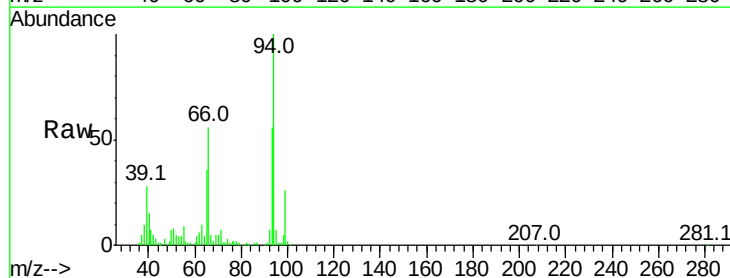
Tgt Ion: 94 Resp: 143467

Ion Ratio Lower Upper

94 100

65 36.1 9.9 49.9

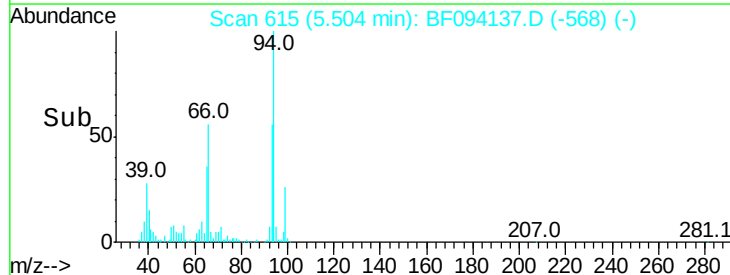
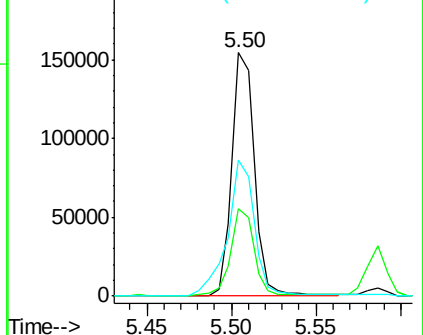
66 56.0 23.1 63.1

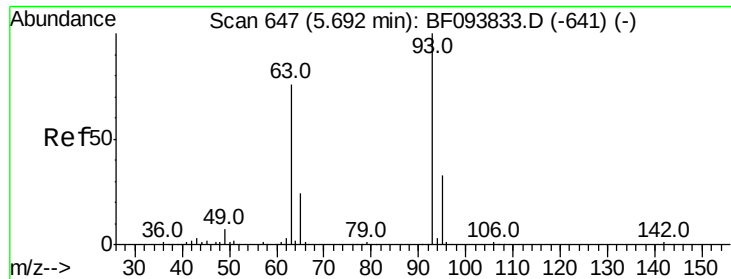


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 11.72 ng

RT: 5.59 min Scan# 629

Delta R.T. -0.02 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMSD

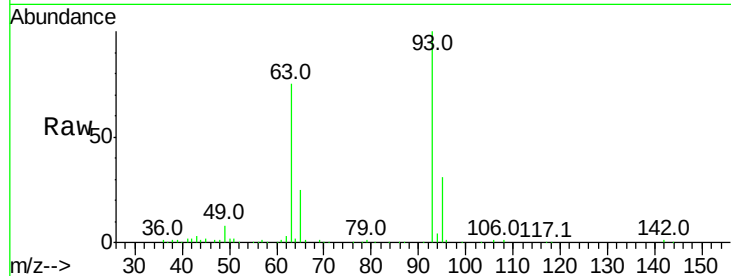
Tot Ion: 93 Resp: 109504

Ion Ratio Lower Upper

93 100

63 75.4 59.2 99.2

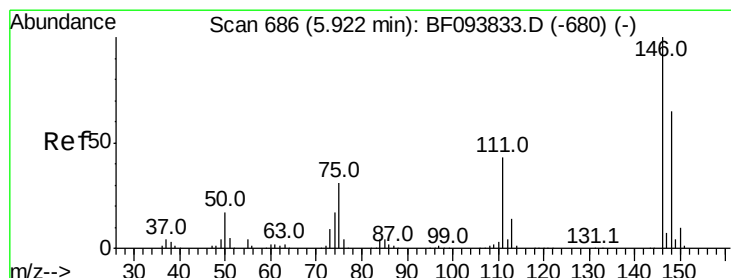
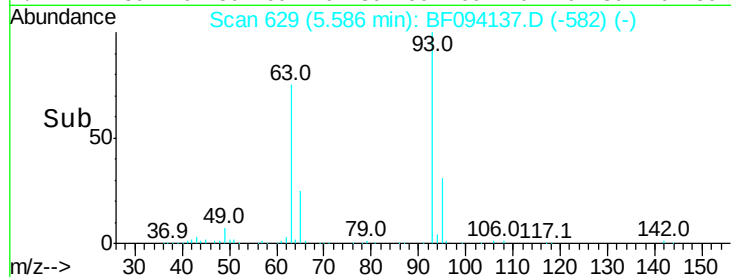
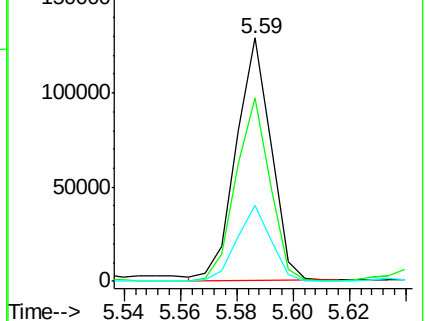
95 31.2 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 11.71 ng

RT: 5.82 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

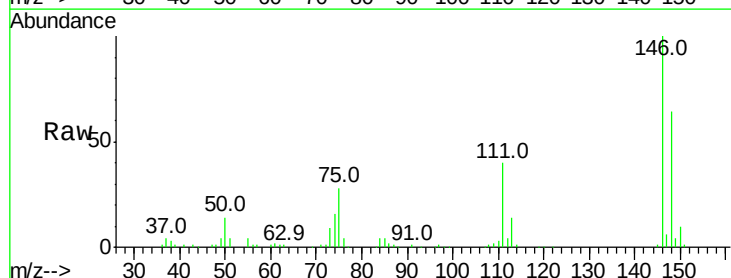
Tgt Ion: 146 Resp: 122630

Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.6

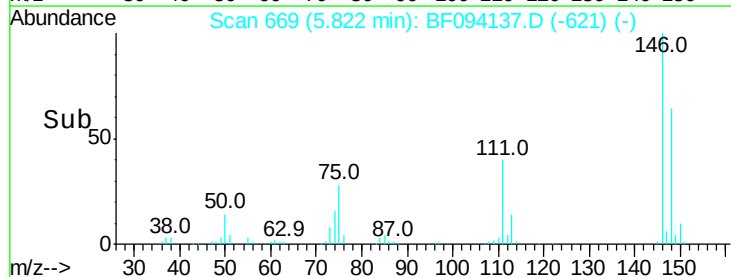
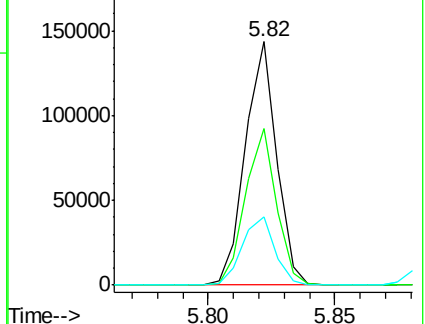
75 28.3 23.1 34.7

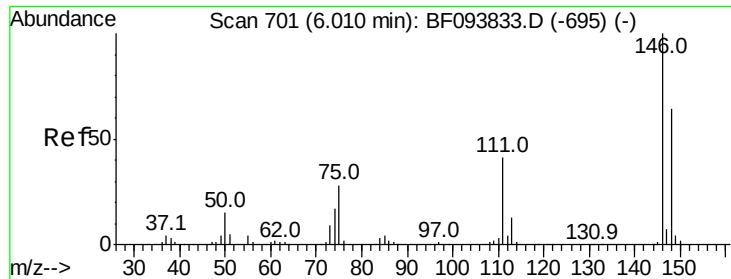


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

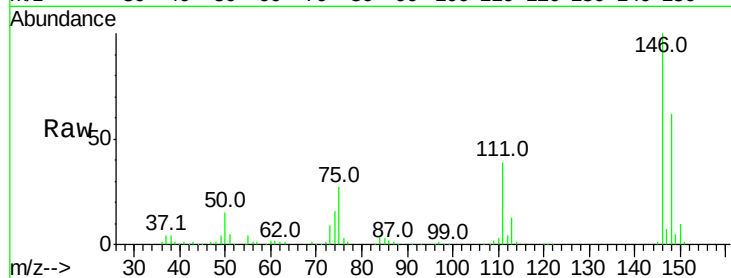




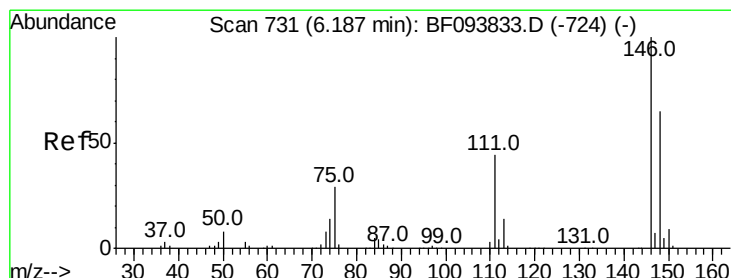
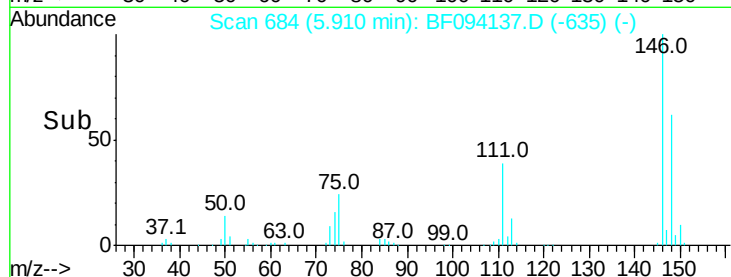
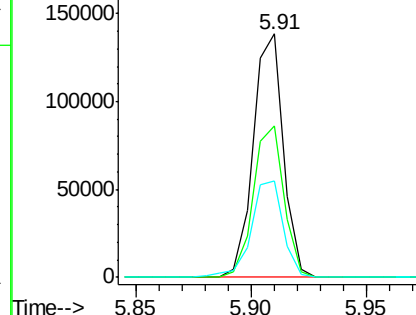
#13
 1,4-Dichlorobenzene
 Concen: 11.89 ng
 RT: 5.91 min Scan# 684
 Delta R.T. -0.01 min
 Lab File: BF094137.D
 Acq: 3 Apr 2017 22:45

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP08-COMPMSD

Tot Ion:146 Resp: 126114
 Ion Ratio Lower Upper
 146 100
 148 62.1 52.2 78.2
 111 39.4 30.3 45.5

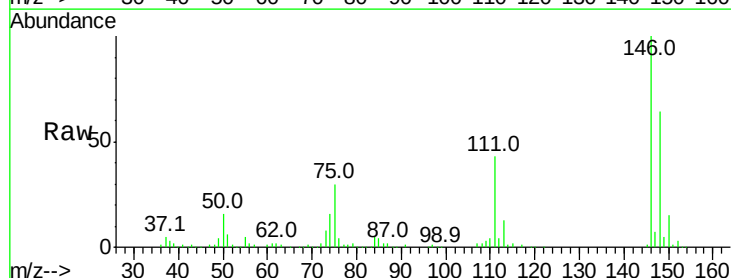


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

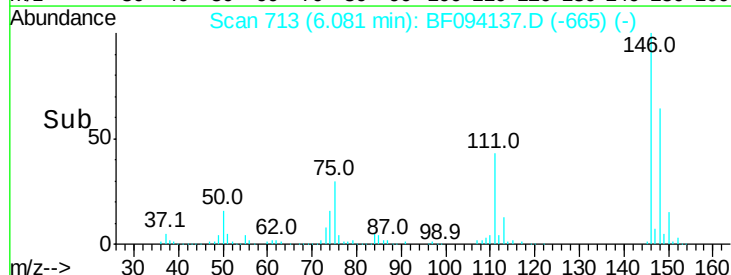
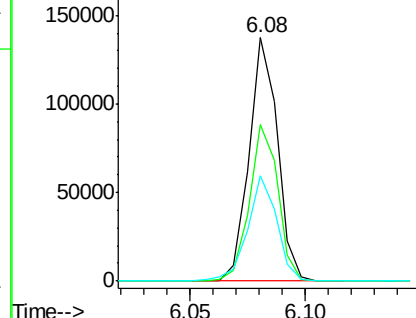


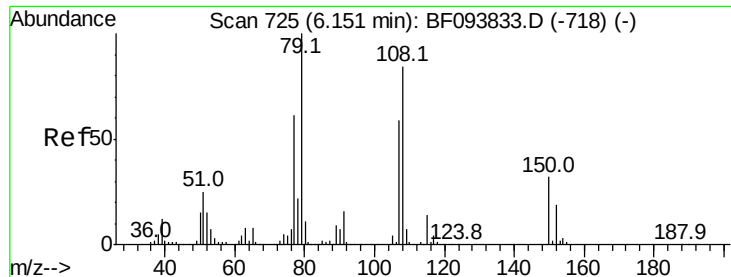
#14
 1,2-Dichlorobenzene
 Concen: 12.06 ng
 RT: 6.08 min Scan# 713
 Delta R.T. -0.02 min
 Lab File: BF094137.D
 Acq: 3 Apr 2017 22:45

Tgt Ion:146 Resp: 117838
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.4 75.6
 111 43.5 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: 12.44 ng

RT: 6.05 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMSD

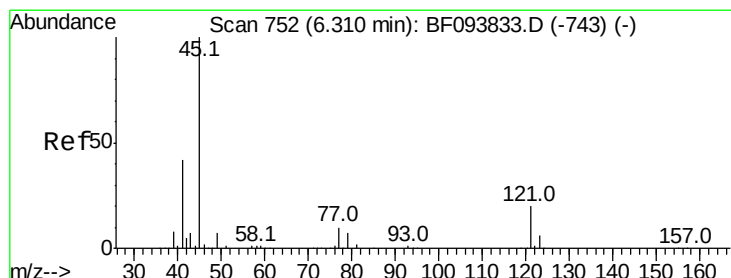
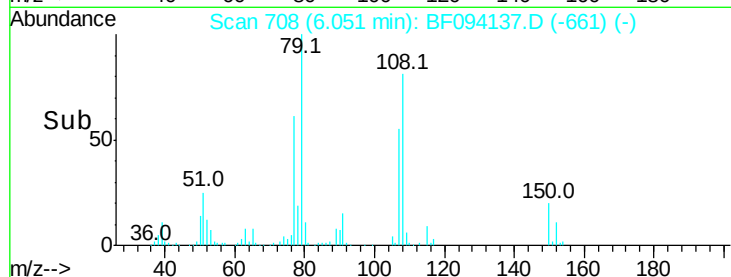
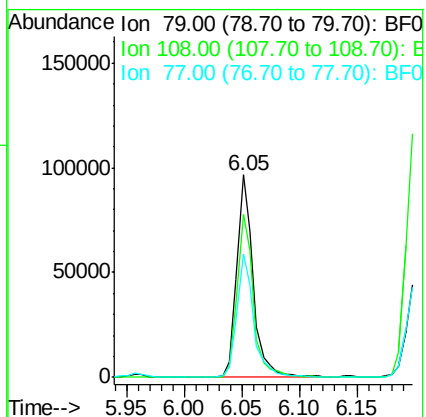
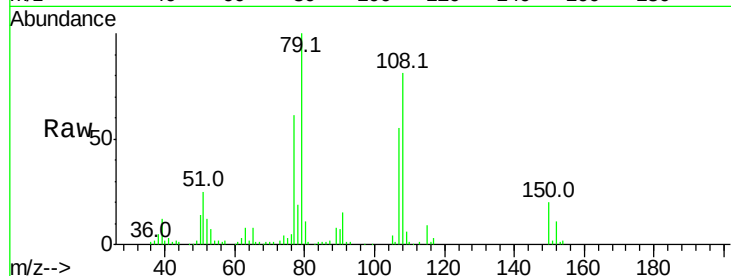
Tot Ion: 79 Resp: 95703

Ion Ratio Lower Upper

79 100

108 80.6 63.4 95.0

77 61.0 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.36 ng

RT: 6.22 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

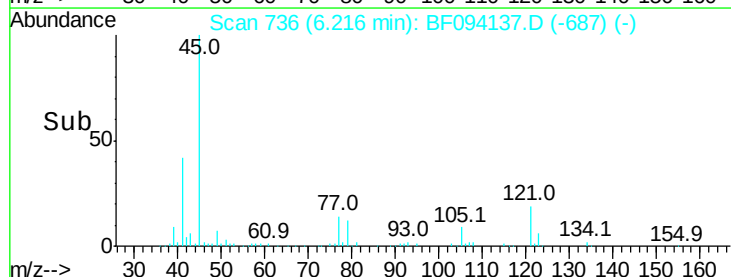
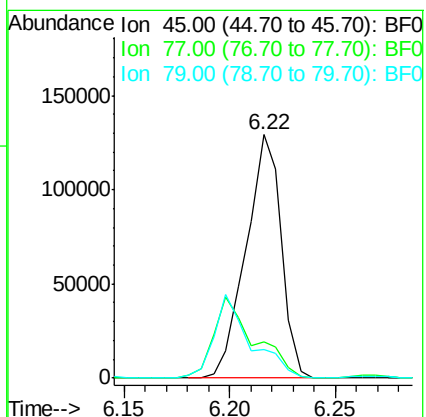
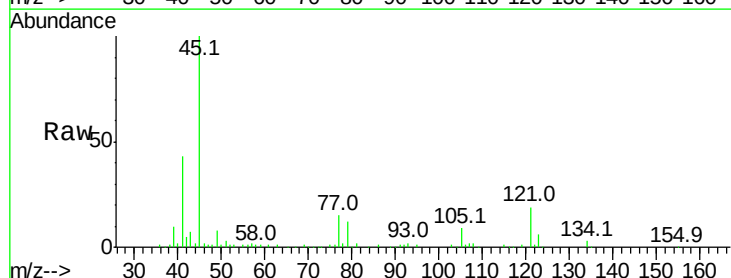
Tgt Ion: 45 Resp: 149174

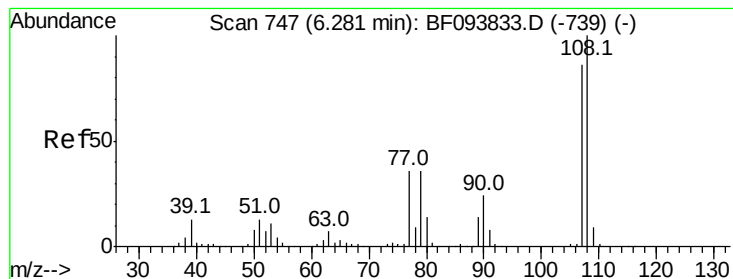
Ion Ratio Lower Upper

45 100

77 14.8 0.0 33.2

79 11.9 0.0 30.0





#17

2-Methylphenol

Concen: 11.41 ng

RT: 6.20 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMSD

Tot Ion:107 Resp: 91206

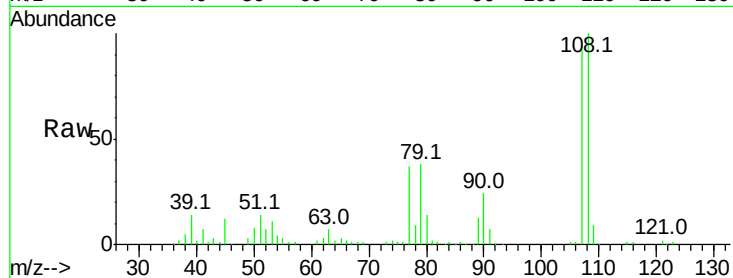
Ion Ratio Lower Upper

107 100

108 109.3 93.4 140.0

77 40.2 35.8 53.6

79 41.4 34.8 52.2

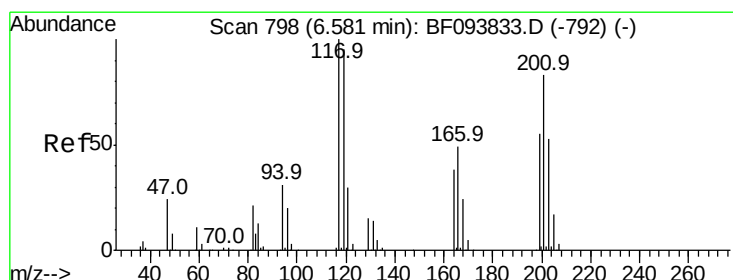
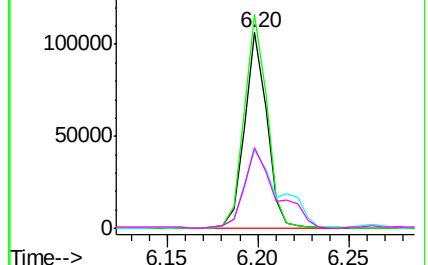
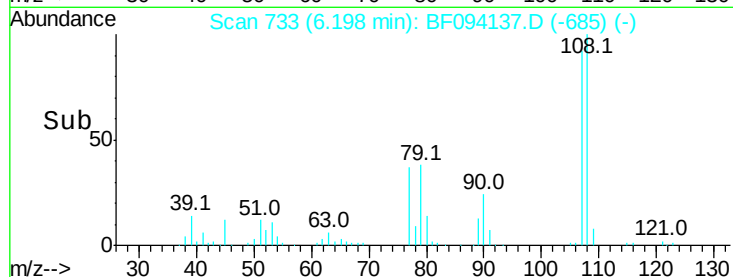


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 7.55 ng

RT: 6.47 min Scan# 780

Delta R.T. -0.02 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

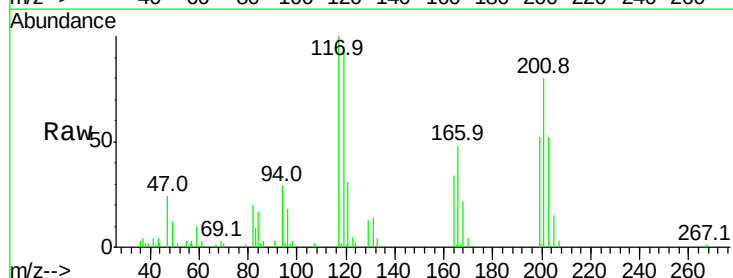
Tgt Ion:117 Resp: 28133

Ion Ratio Lower Upper

117 100

119 92.5 77.4 116.0

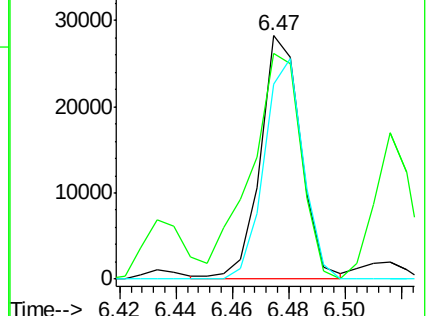
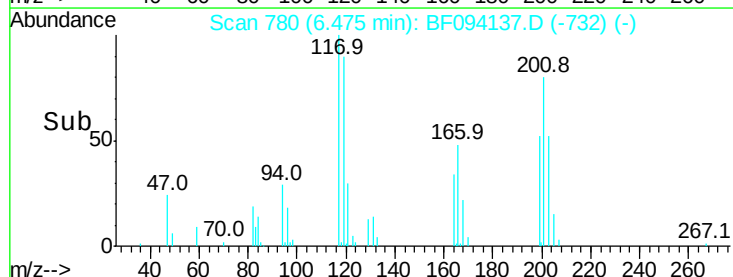
201 80.1 94.6 141.8#

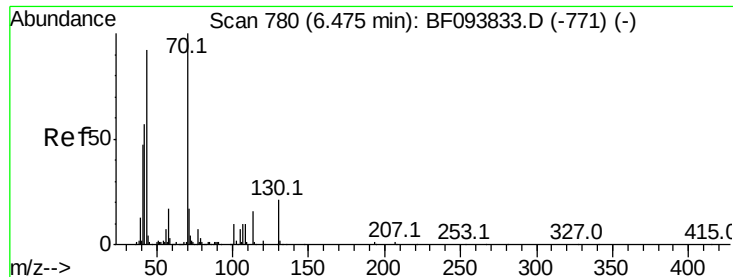


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

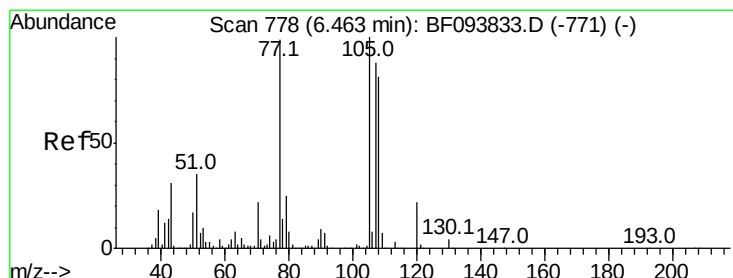
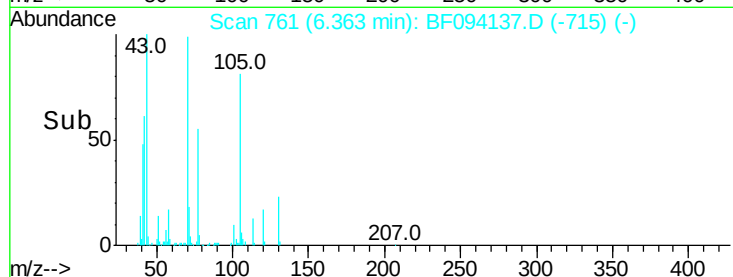
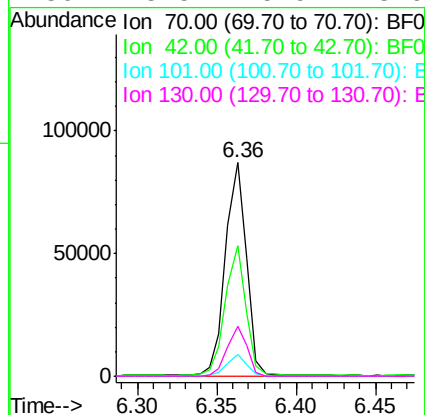
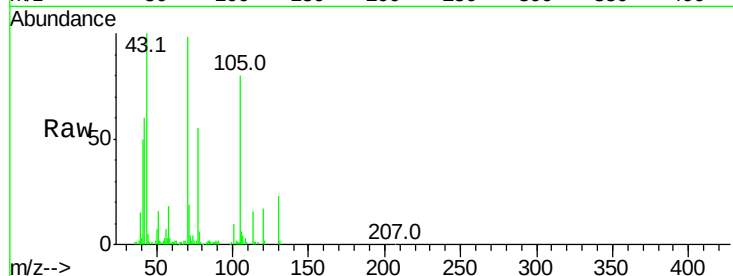




#19
n-Nitroso-di-n-propylamine
Concen: 12.04 ng
RT: 6.36 min Scan# 761
Delta R.T. -0.03 min
Lab File: BF094137.D
Acq: 3 Apr 2017 22:45

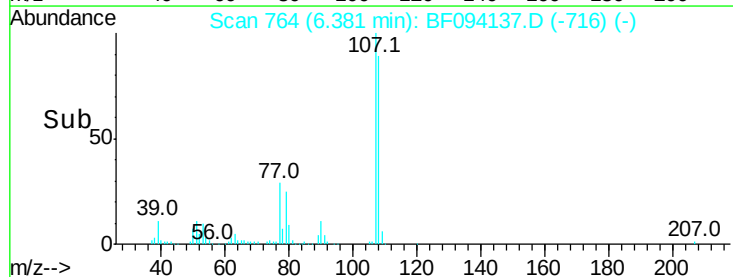
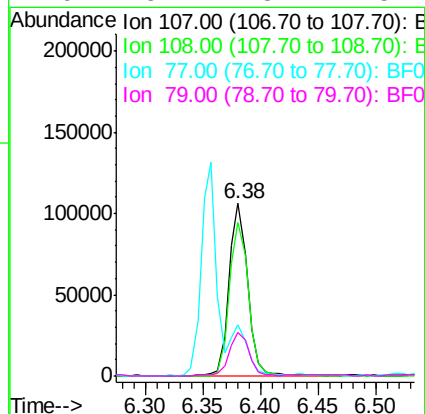
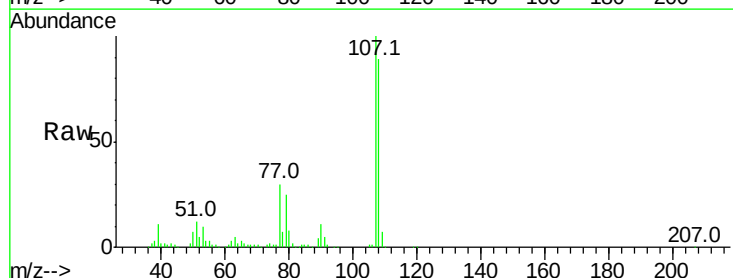
Instrument :
BNA_F
ClientSampleId :
LSS-SP08-COMPMSD

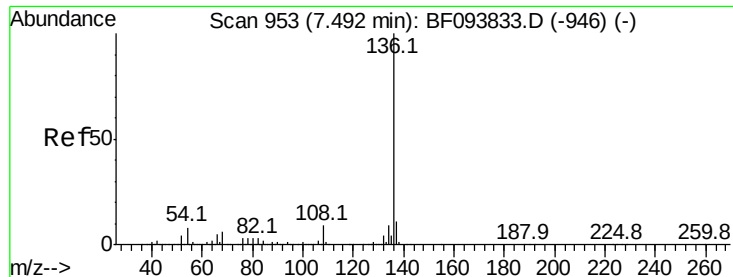
Tot Ion:	70	Resp:	81311
Ion	Ratio	Lower	Upper
70	100		
42	61.4	47.2	70.8
101	10.2	7.2	10.8
130	23.5	15.9	23.9



#20
3+4-Methylphenols
Concen: 12.34 ng
RT: 6.38 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF094137.D
Acq: 3 Apr 2017 22:45

Tgt Ion:	107	Resp:	119525
Ion	Ratio	Lower	Upper
107	100		
108	89.4	71.0	111.0
77	29.8	90.5	130.5#
79	25.4	8.4	48.4

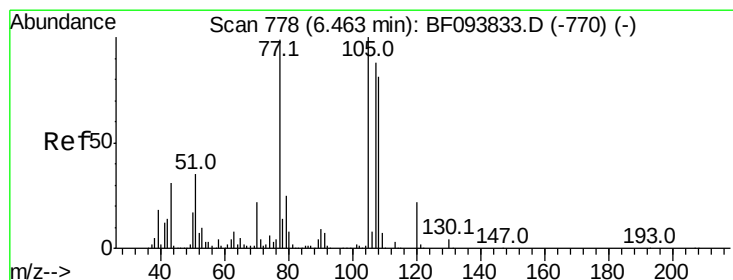
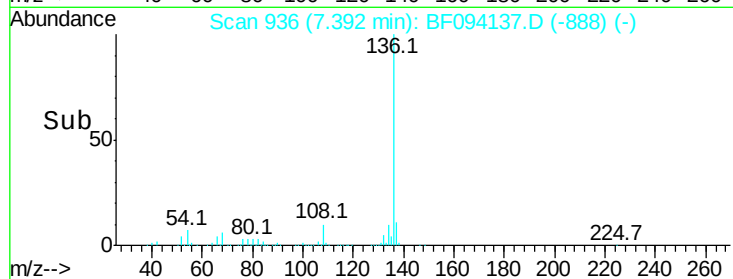
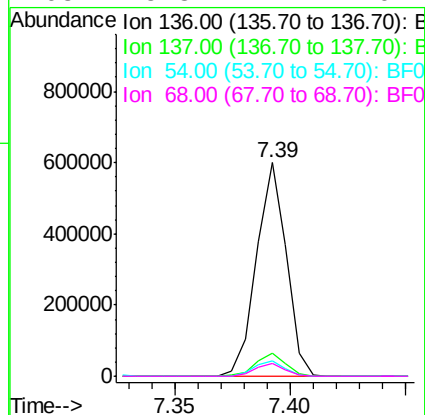
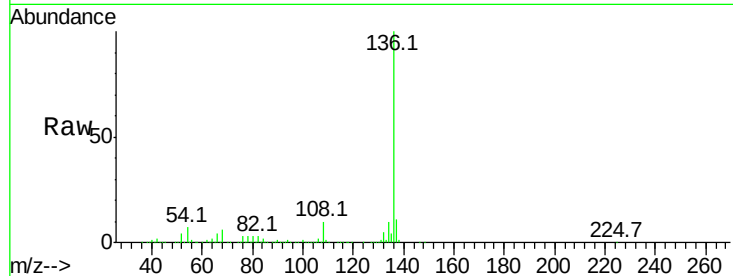




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.39 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF094137.D
Acq: 3 Apr 2017 22:45

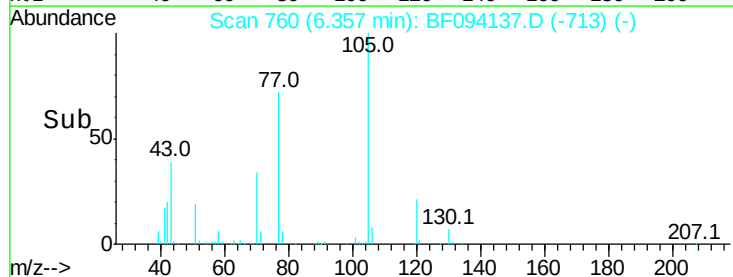
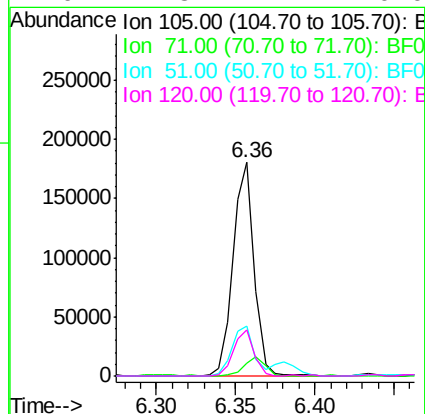
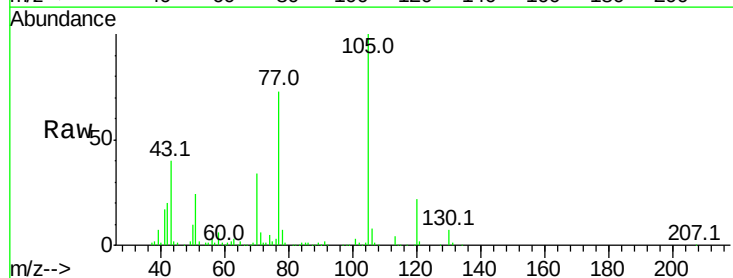
Instrument :
BNA_F
ClientSampleId :
LSS-SP08-COMPMSD

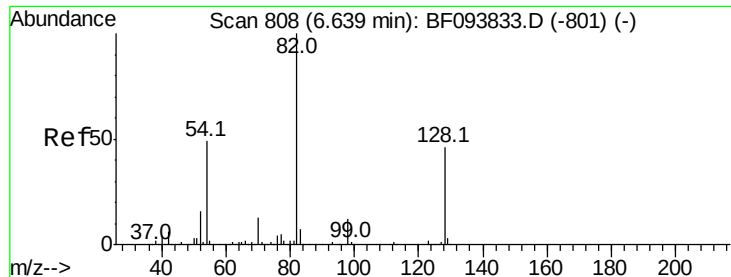
Tot Ion:136	Resp:	543898
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.5 12.7
54	7.3	4.9 7.3
68	5.8	4.1 6.1



#22
Acetophenone
Concen: 13.70 ng
RT: 6.36 min Scan# 760
Delta R.T. -0.02 min
Lab File: BF094137.D
Acq: 3 Apr 2017 22:45

Tgt Ion:105	Resp:	166070
Ion Ratio	Lower	Upper
105	100	
71	5.8	2.8 4.2#
51	23.6	30.7 46.1#
120	21.8	17.4 26.0

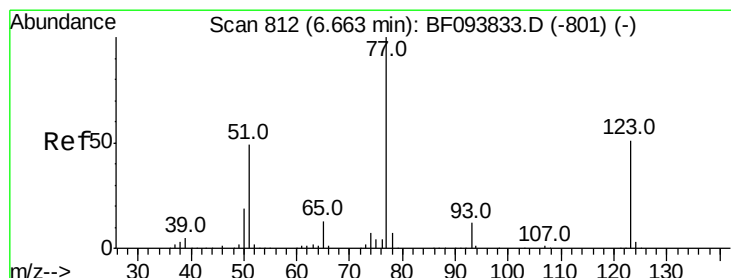
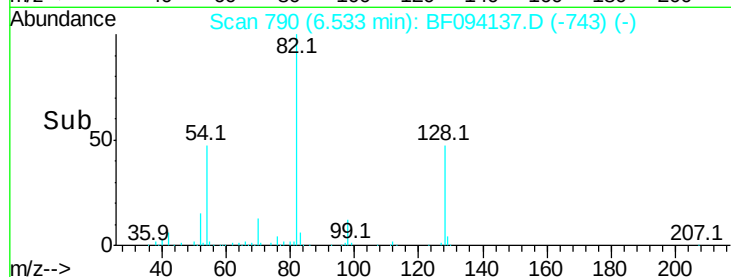
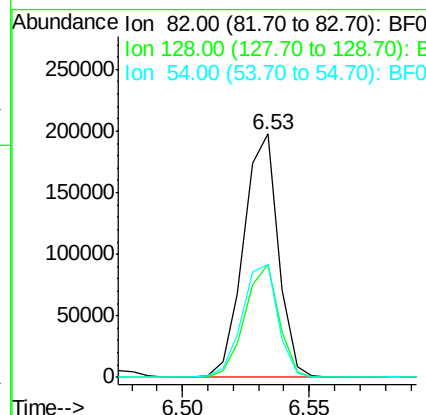
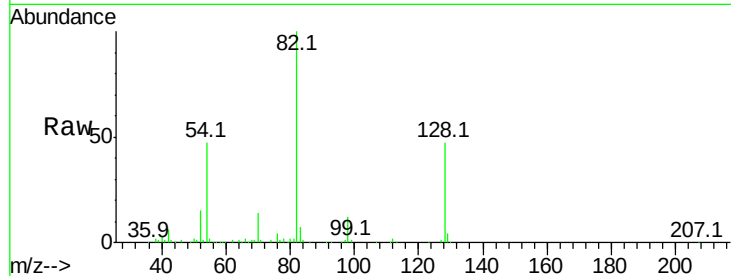




#23
Nitrobenzene-d5
Concen: 19.81 ng
RT: 6.53 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF094137.D
Acq: 3 Apr 2017 22:45

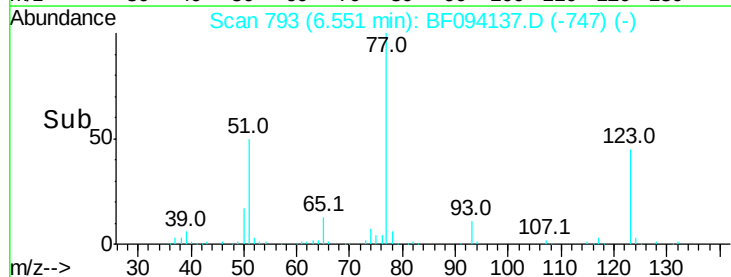
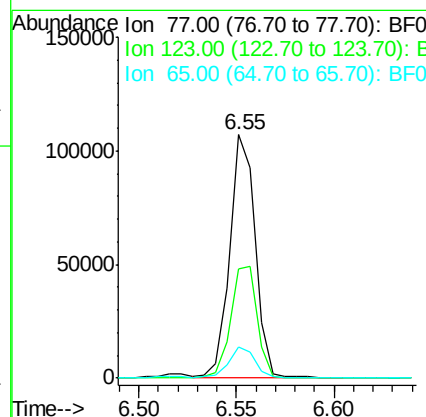
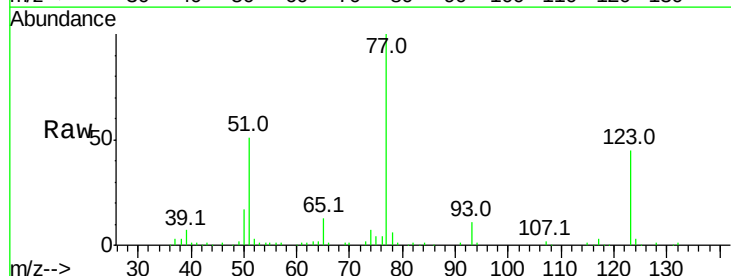
Instrument :
BNA_F
ClientSampleId :
LSS-SP08-COMPMSD

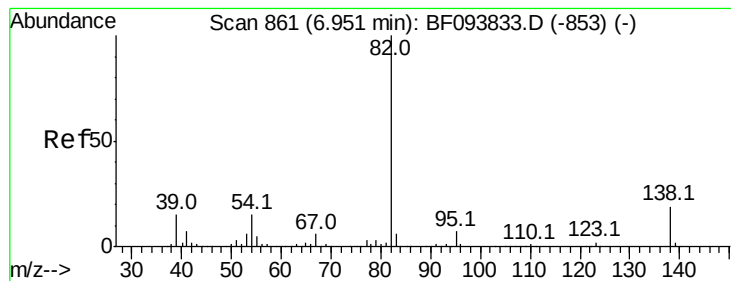
Tot Ion: 82 Resp: 188812
Ion Ratio Lower Upper
82 100
128 46.6 34.0 51.0
54 46.5 42.2 63.2



#24
Nitrobenzene
Concen: 10.27 ng
RT: 6.55 min Scan# 793
Delta R.T. -0.03 min
Lab File: BF094137.D
Acq: 3 Apr 2017 22:45

Tgt Ion: 77 Resp: 96579
Ion Ratio Lower Upper
77 100
123 44.9 35.8 53.8
65 13.0 10.6 15.8





#25

Isophorone

Concen: 11.60 ng

RT: 6.84 min Scan# 842

Delta R.T. -0.03 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMSD

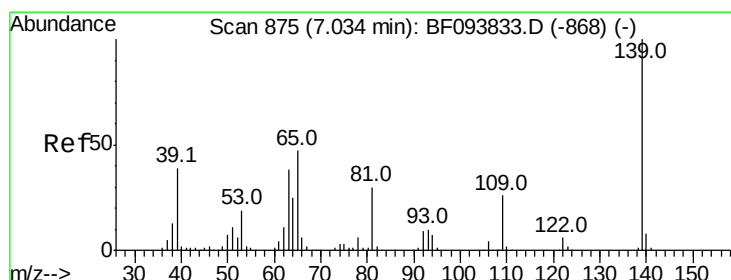
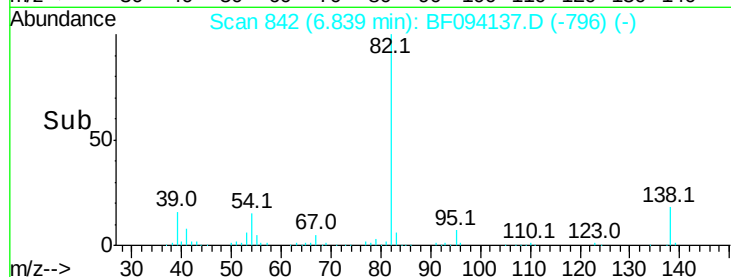
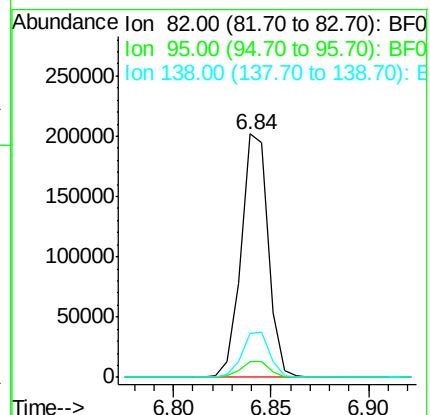
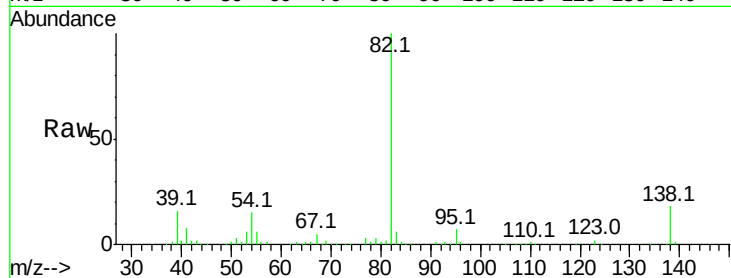
Tot Ion: 82 Resp: 194230

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 18.1 13.1 19.7



#26

2-Nitrophenol

Concen: 2.10 ng

RT: 6.93 min Scan# 858

Delta R.T. -0.02 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

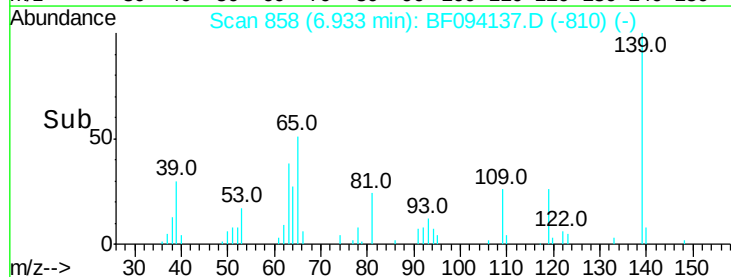
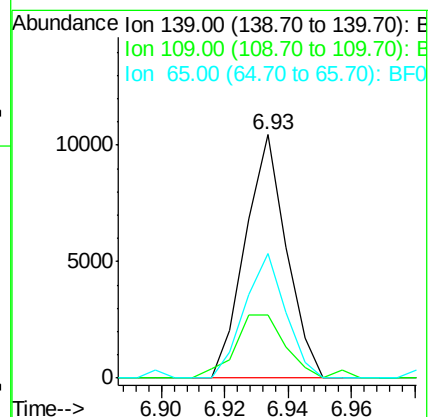
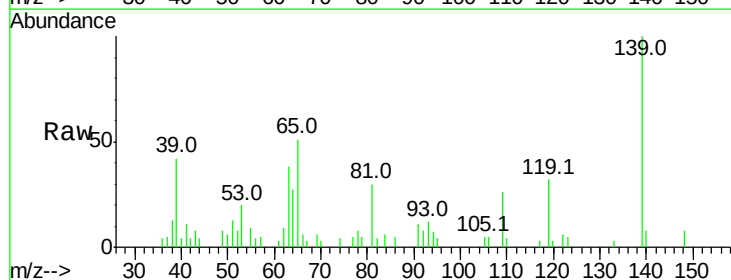
Tgt Ion:139 Resp: 9411

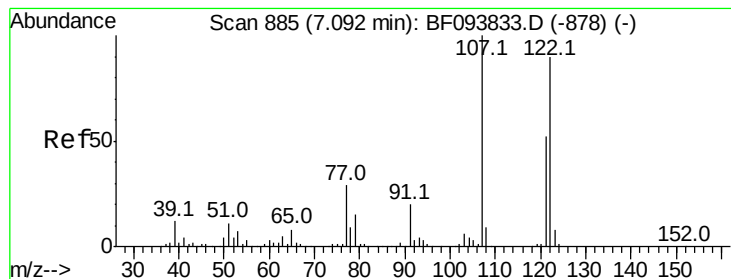
Ion Ratio Lower Upper

139 100

109 26.1 21.0 31.6

65 51.1 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 12.40 ng

RT: 7.00 min Scan# 870

Delta R.T. -0.02 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMSD

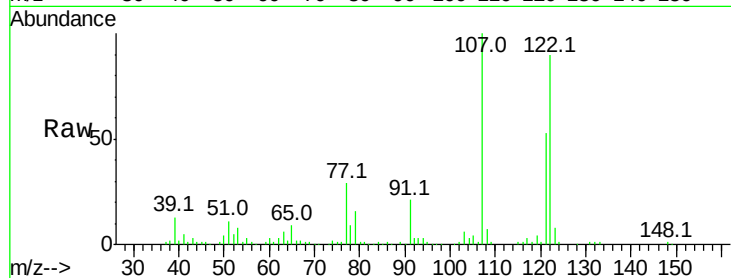
Tot Ion:122 Resp: 95766

Ion Ratio Lower Upper

122 100

107 110.5 89.2 133.8

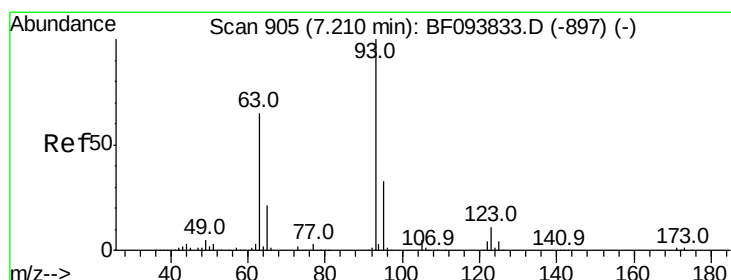
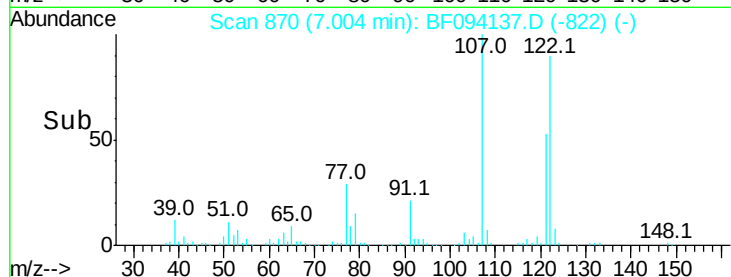
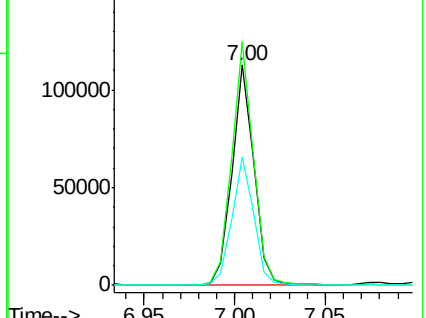
121 58.5 45.2 67.8



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: 11.76 ng

RT: 7.10 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

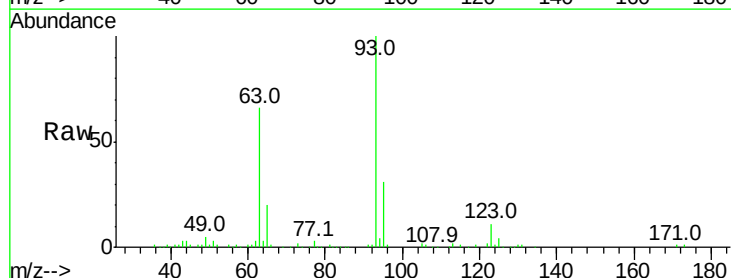
Tgt Ion: 93 Resp: 129911

Ion Ratio Lower Upper

93 100

95 30.6 26.5 39.7

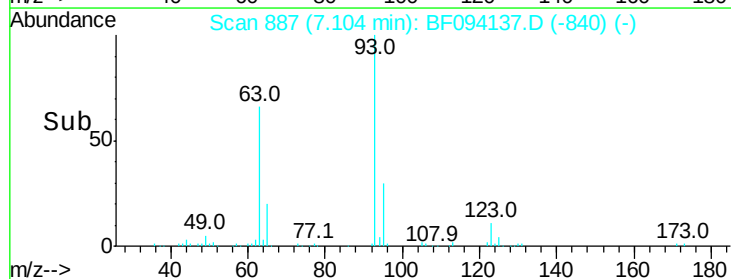
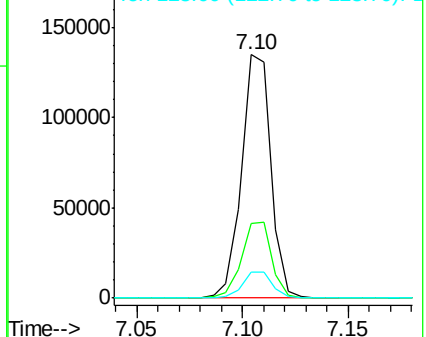
123 10.9 9.0 13.4

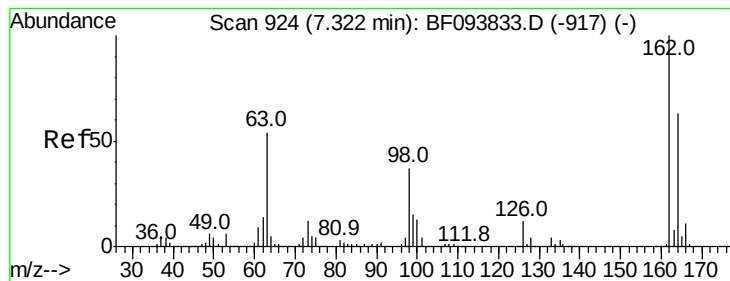


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 10.91 ng

RT: 7.23 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMSD

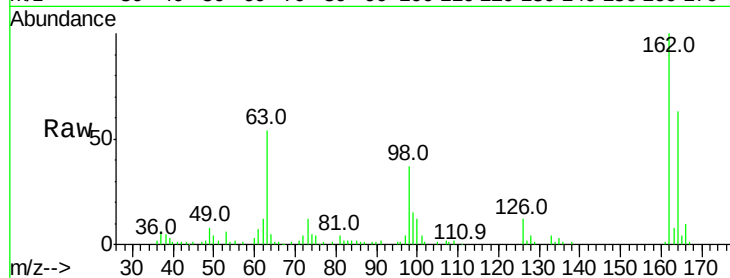
Tot Ion:162 Resp: 78793

Ion Ratio Lower Upper

162 100

164 63.0 44.6 84.6

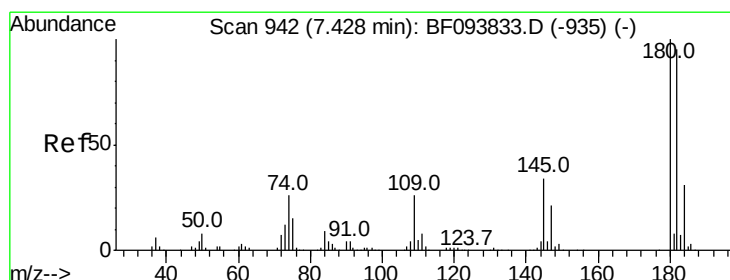
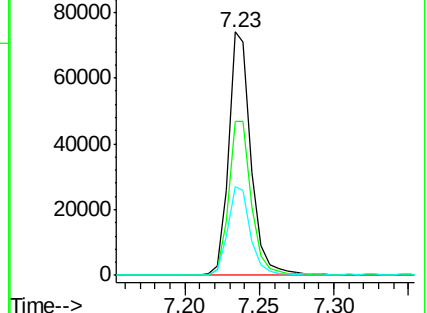
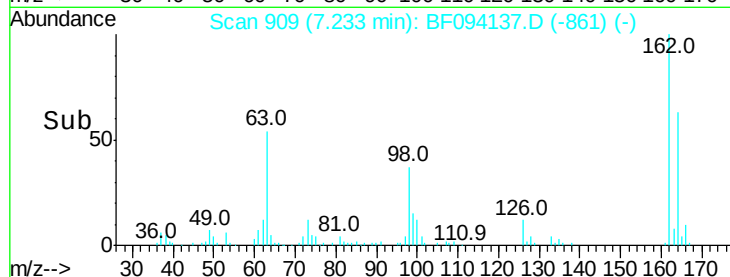
98 36.6 14.8 54.8



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: 12.45 ng

RT: 7.33 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

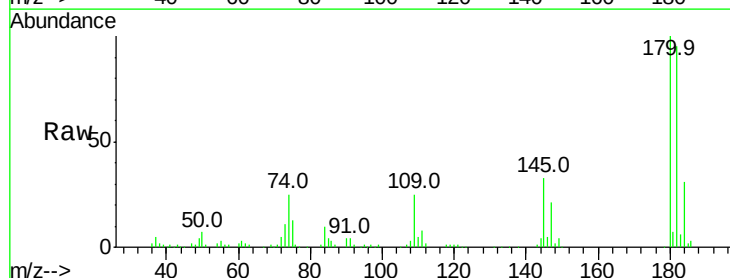
Tgt Ion:180 Resp: 92627

Ion Ratio Lower Upper

180 100

182 95.1 75.8 113.6

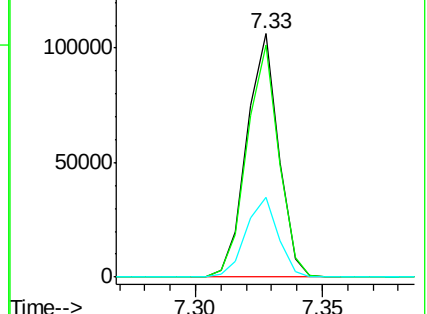
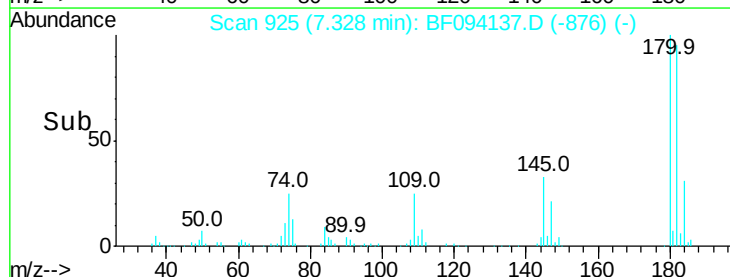
145 32.7 25.3 37.9

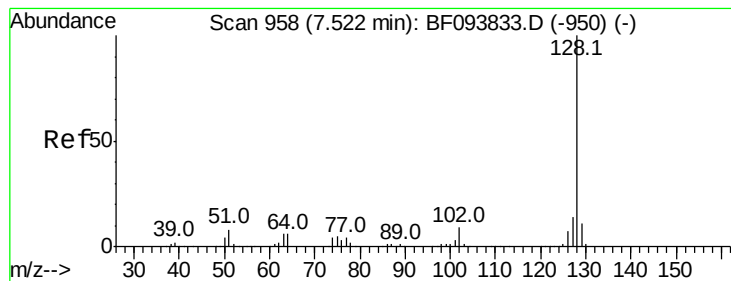


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 13.25 ng

RT: 7.42 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMSD

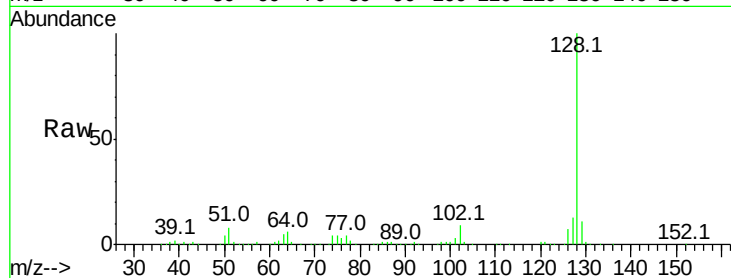
Tot Ion:128 Resp: 346639

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

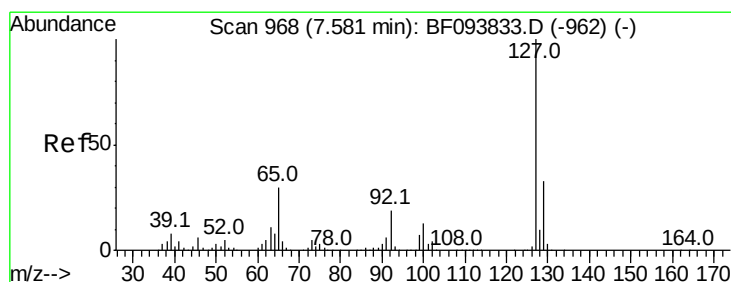
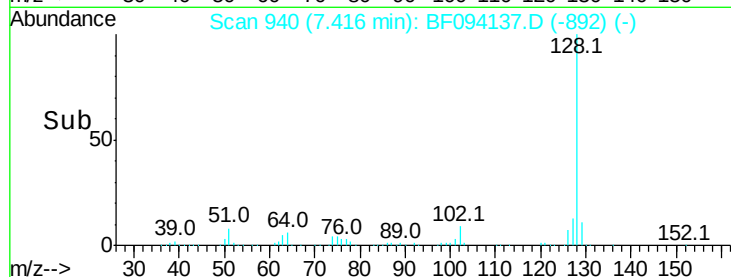
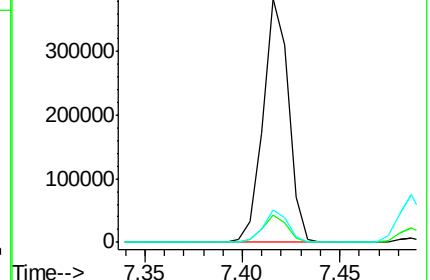
127 13.2 10.8 16.2



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: 7.30 ng

RT: 7.49 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

Tgt Ion:127 Resp: 77380

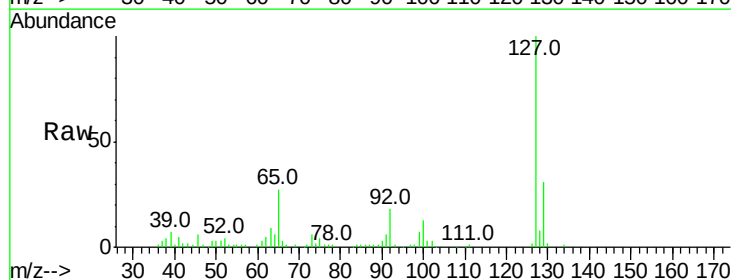
Ion Ratio Lower Upper

127 100

129 31.1 26.2 39.2

65 26.6 27.8 41.8#

92 18.1 16.8 25.2

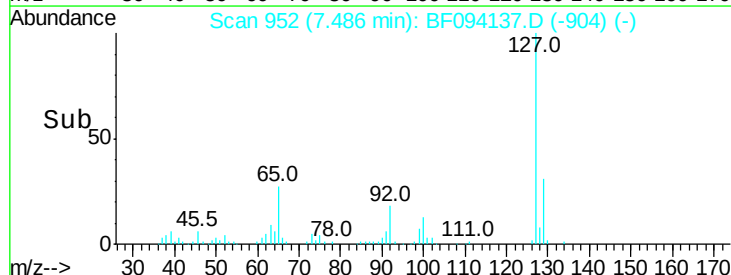
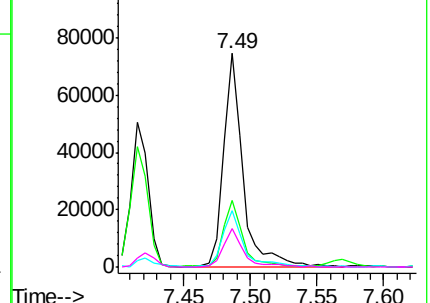


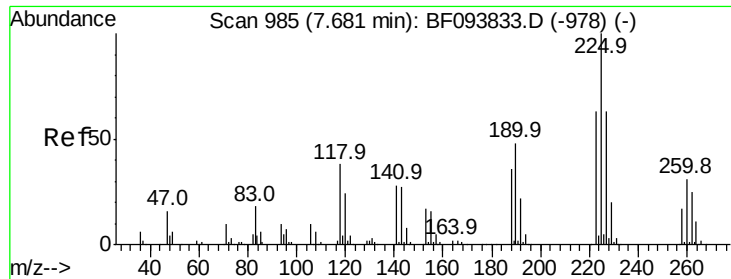
Abundance Ion 127.00 (126.70 to 127.70): E

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

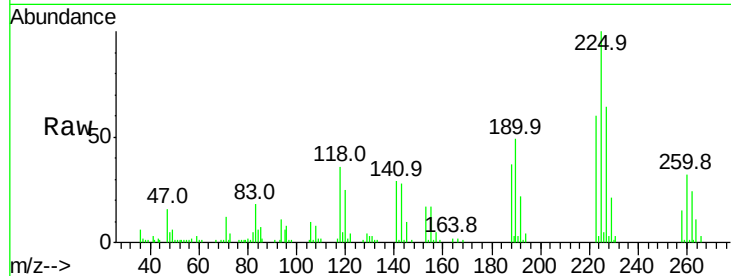




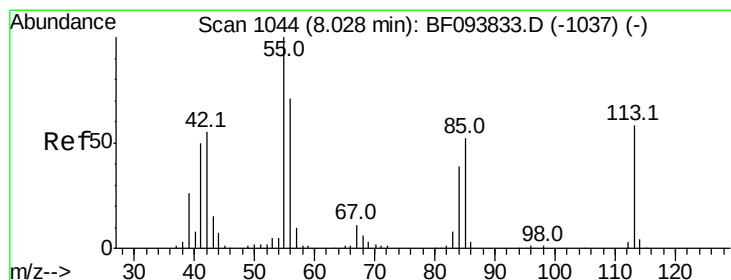
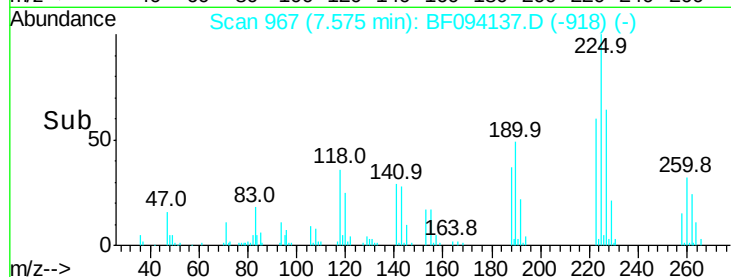
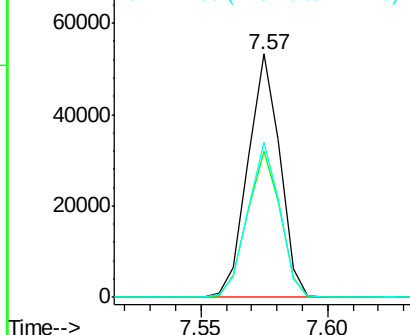
#34
Hexachlorobutadiene
Concen: 12.30 ng
RT: 7.57 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF094137.D
Acq: 3 Apr 2017 22:45

Instrument :
BNA_F
ClientSampleId :
LSS-SP08-COMPMSD

Tot Ion:225 Resp: 46904
Ion Ratio Lower Upper
225 100
223 59.8 48.8 73.2
227 63.9 51.1 76.7

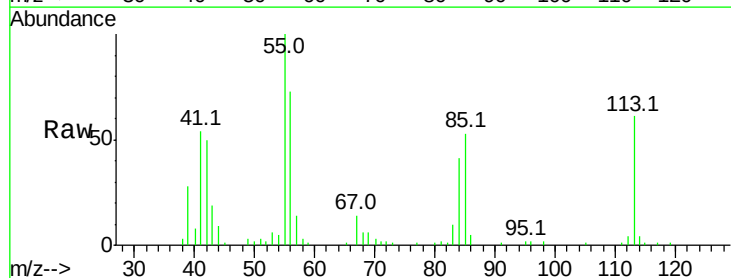


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

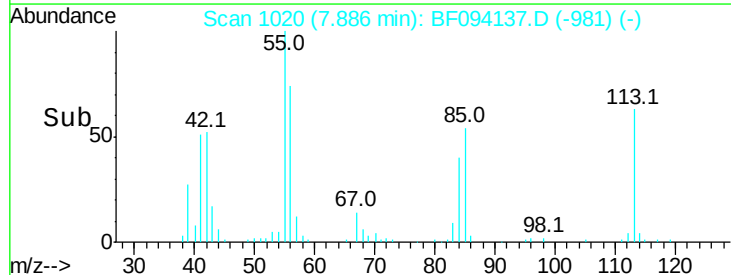
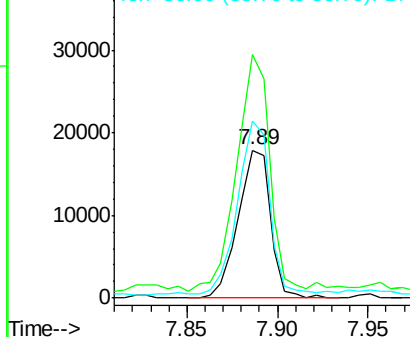


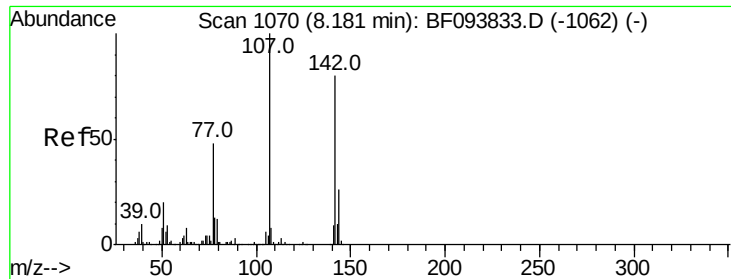
#35
Caprolactam
Concen: 9.66 ng
RT: 7.89 min Scan# 1020
Delta R.T. -0.07 min
Lab File: BF094137.D
Acq: 3 Apr 2017 22:45

Tgt Ion:113 Resp: 22244
Ion Ratio Lower Upper
113 100
55 164.8 150.2 190.2
56 120.1 107.8 147.8



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

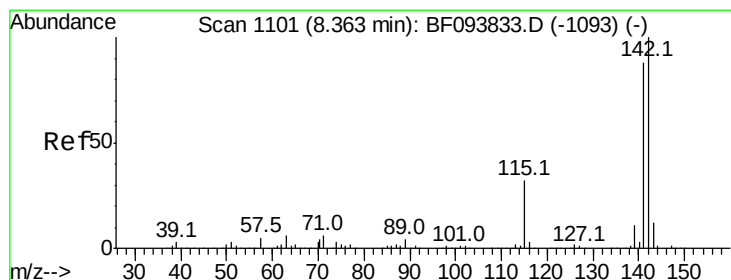
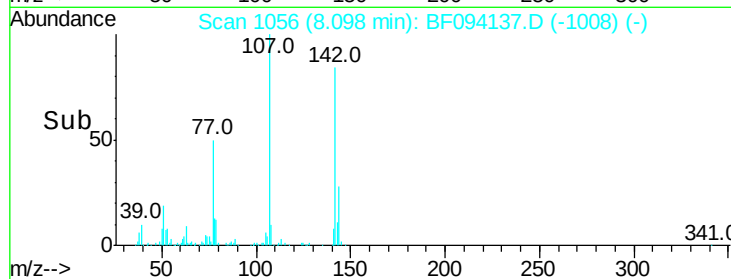
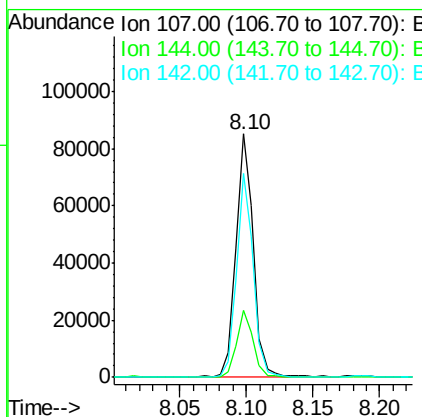
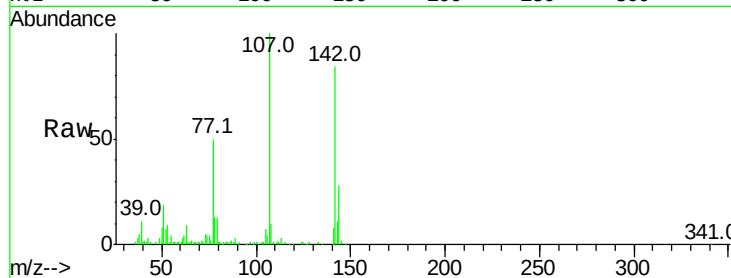




#36
 4-Chloro-3-methylphenol
 Concen: 10.37 ng
 RT: 8.10 min Scan# 1056
 Delta R.T. -0.02 min
 Lab File: BF094137.D
 Acq: 3 Apr 2017 22:45

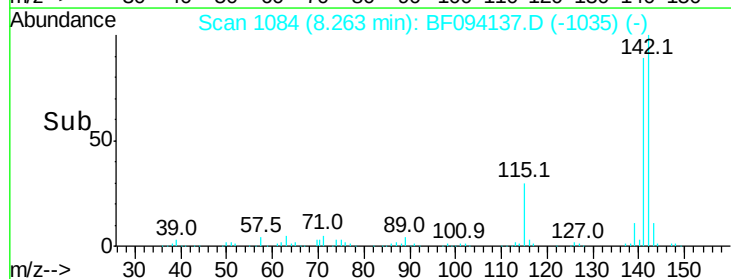
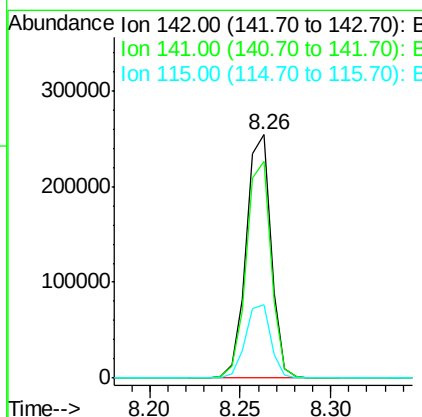
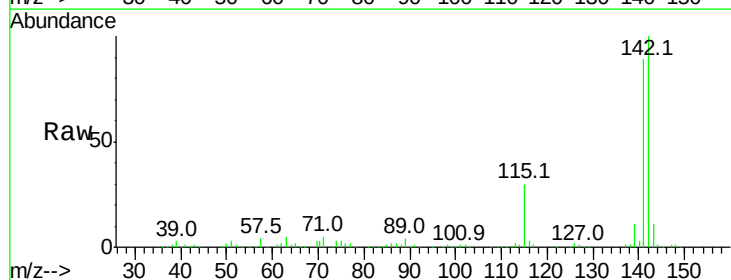
Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP08-COMPMSD

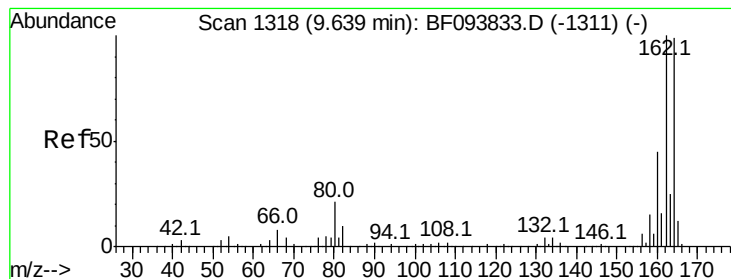
Tot Ion:107 Resp: 78287
 Ion Ratio Lower Upper
 107 100
 144 27.6 24.2 36.4
 142 83.9 73.4 110.0



#37
 2-Methylnaphthalene
 Concen: 13.90 ng
 RT: 8.26 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BF094137.D
 Acq: 3 Apr 2017 22:45

Tgt Ion:142 Resp: 242330
 Ion Ratio Lower Upper
 142 100
 141 89.0 71.3 106.9
 115 30.2 27.1 40.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.53 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMSD

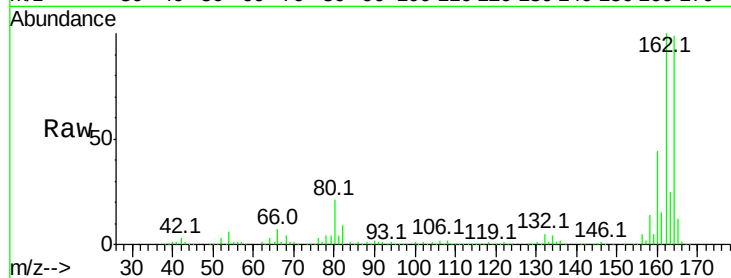
Tot Ion:164 Resp: 216153

Ion Ratio Lower Upper

164 100

162 101.2 82.6 123.8

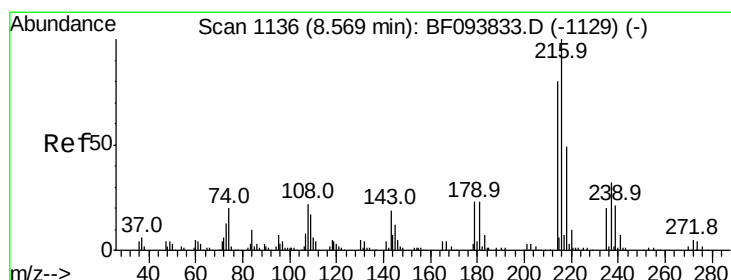
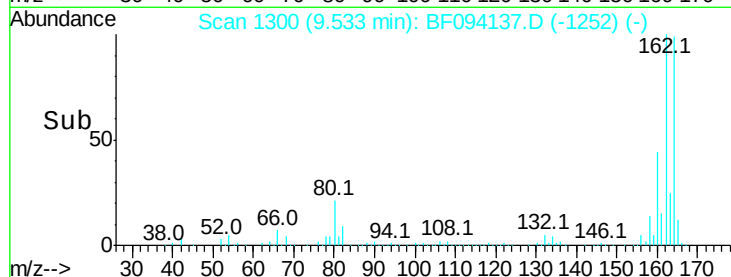
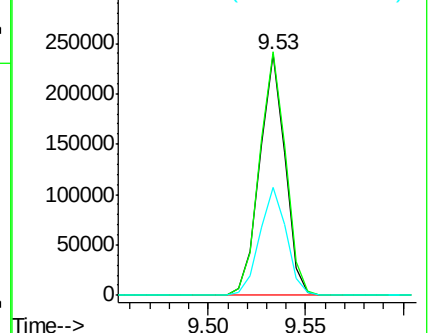
160 44.7 36.2 54.2



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: 13.85 ng

RT: 8.46 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

Tgt Ion:216 Resp: 81905

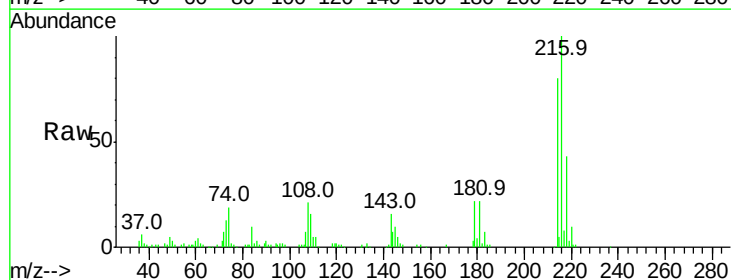
Ion Ratio Lower Upper

216 100

214 79.9 63.4 95.2

179 21.9 17.9 26.9

108 20.0 16.5 24.7

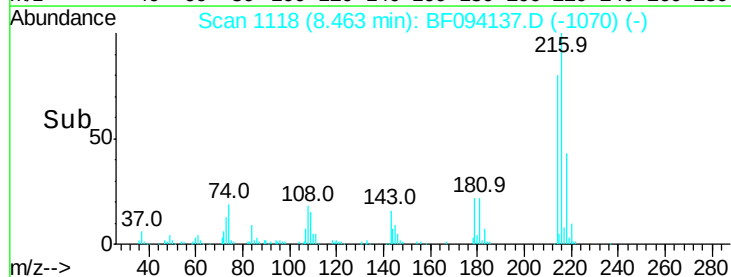
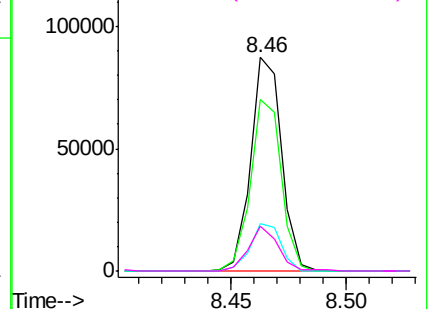


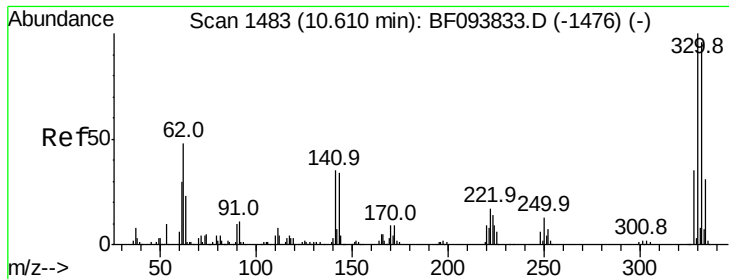
Abundance Ion 216.00 (215.70 to 216.70): E

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: 29.15 ng

RT: 10.50 min Scan# 1465

Delta R.T. -0.02 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMSD

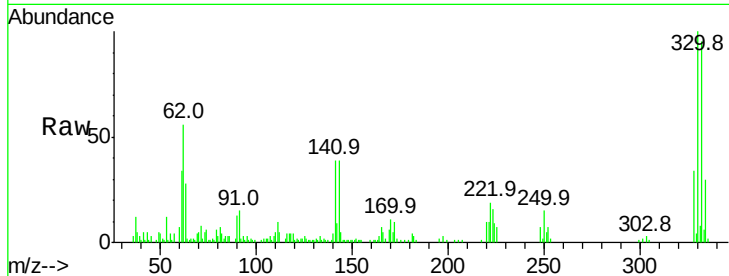
Tot Ion:330 Resp: 49789

Ion Ratio Lower Upper

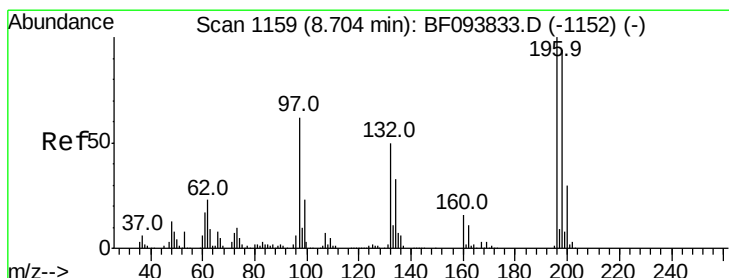
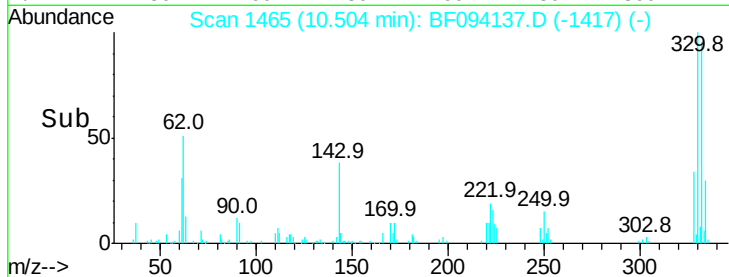
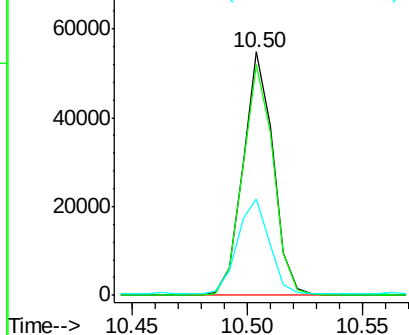
330 100

332 96.6 76.6 115.0

141 41.1 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: 10.99 ng

RT: 8.62 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

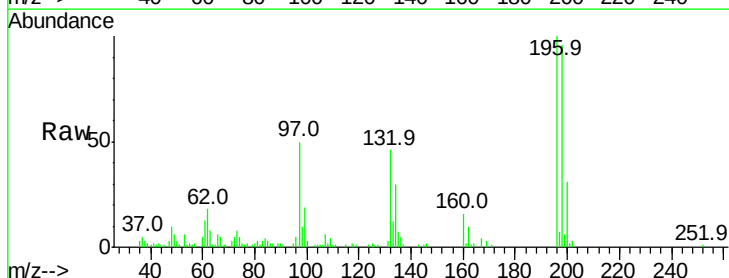
Tgt Ion:196 Resp: 45959

Ion Ratio Lower Upper

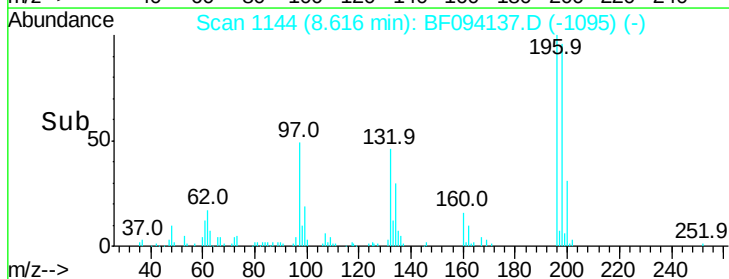
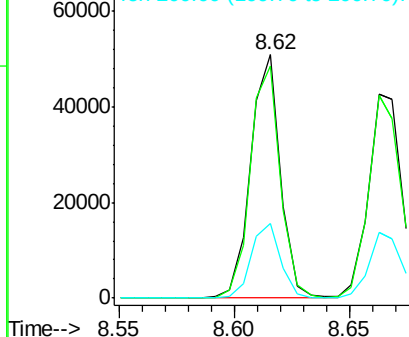
196 100

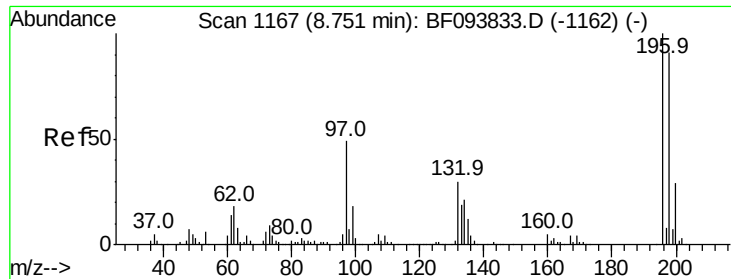
198 95.5 74.2 111.4

200 30.5 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

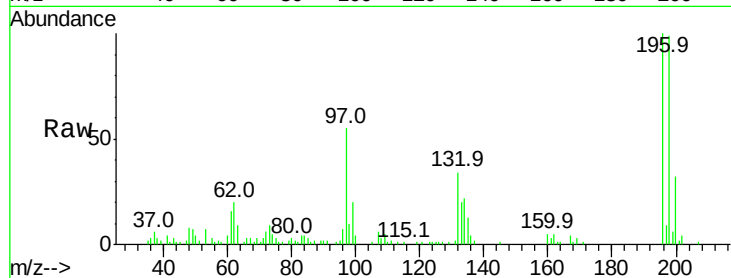




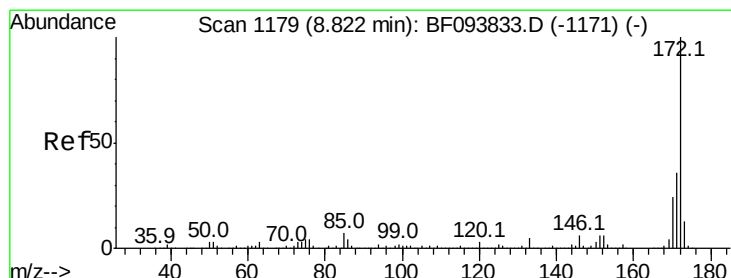
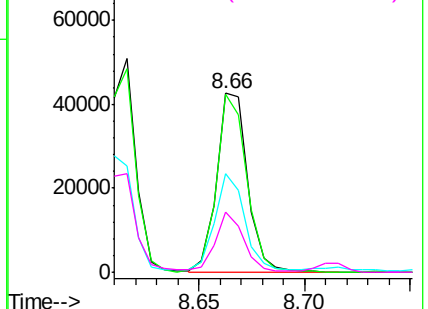
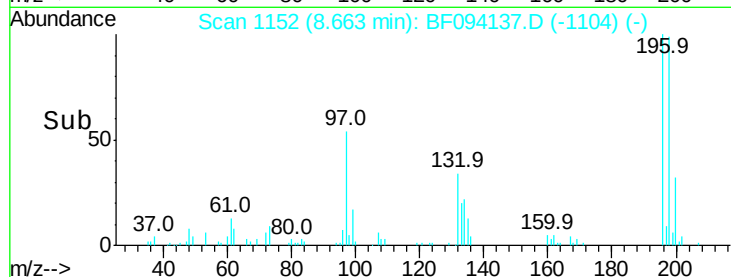
#43
 2,4,5-Trichlorophenol
 Concen: 9.60 ng
 RT: 8.66 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BF094137.D
 Acq: 3 Apr 2017 22:45

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP08-COMPMSD

Tot Ion:196 Resp: 43459
 Ion Ratio Lower Upper
 196 100
 198 99.2 75.7 113.5
 97 55.1 47.7 71.5
 132 33.9 28.0 42.0

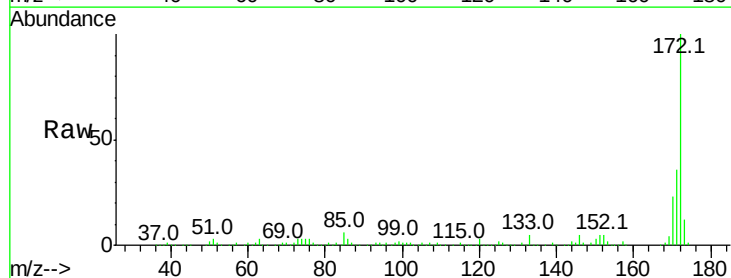


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

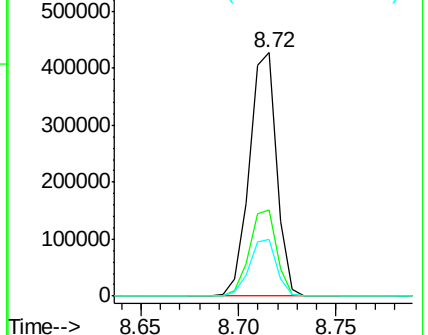
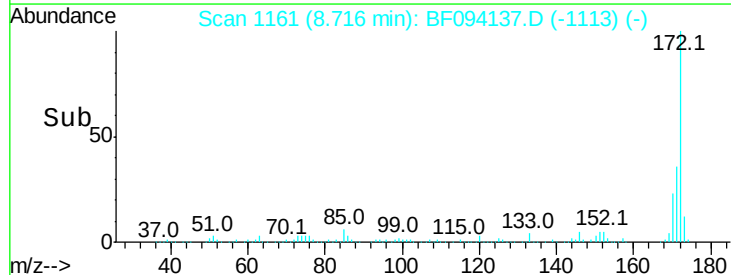


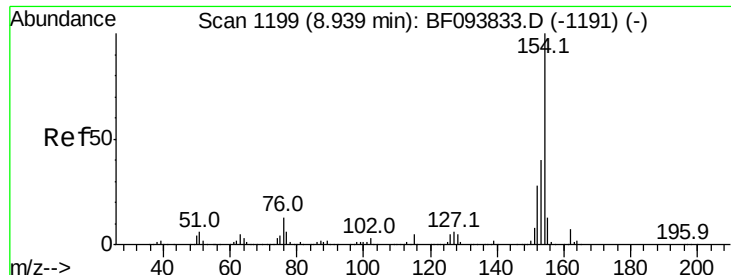
#44
 2-Fluorobiphenyl
 Concen: 29.17 ng
 RT: 8.72 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BF094137.D
 Acq: 3 Apr 2017 22:45

Tgt Ion:172 Resp: 413332
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 23.3 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

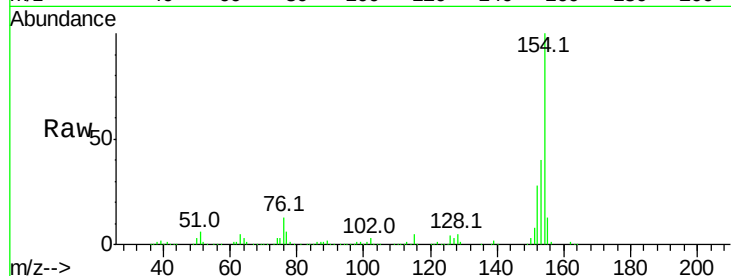




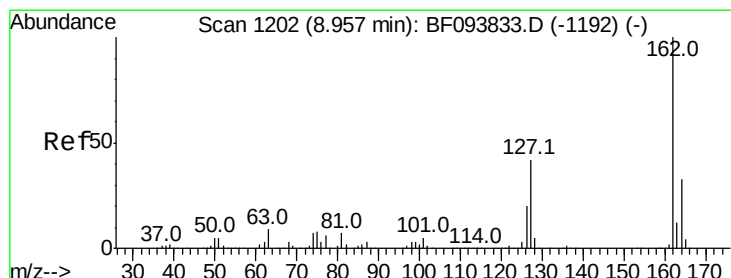
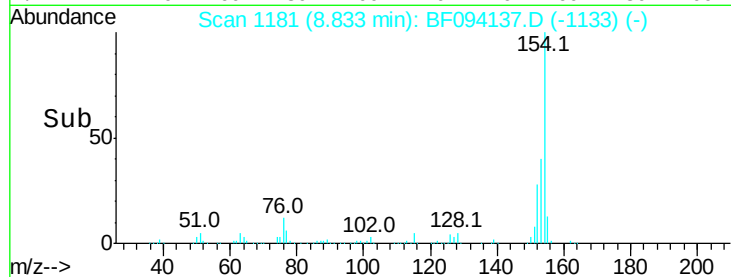
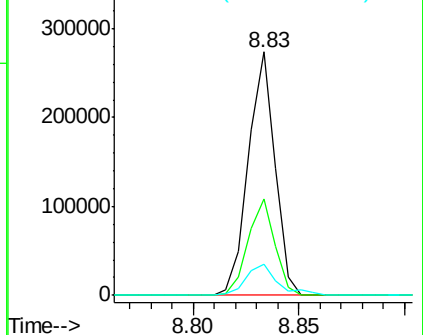
#45
1,1'-Biphenyl
Concen: 13.79 ng
RT: 8.83 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF094137.D
Acq: 3 Apr 2017 22:45

Instrument :
BNA_F
ClientSampleId :
LSS-SP08-COMPMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.6	21.2	61.2
76	12.7	0.0	29.9

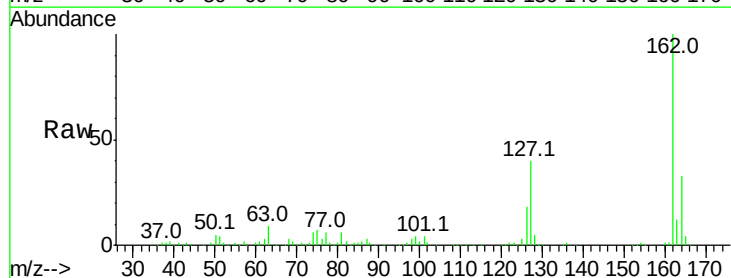


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

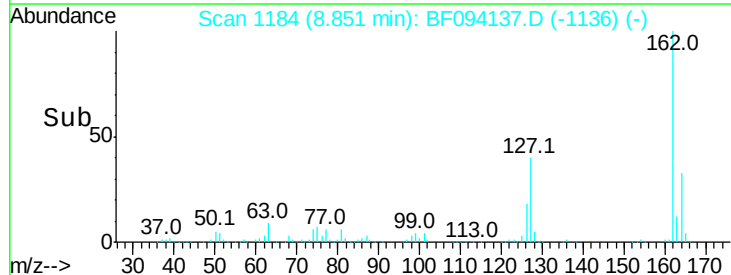
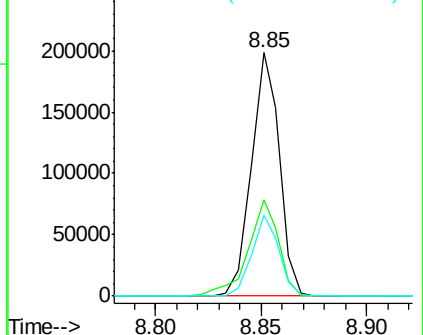


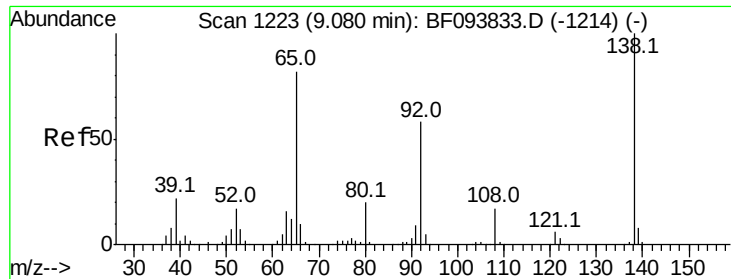
#46
2-Chloronaphthalene
Concen: 13.35 ng
RT: 8.85 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF094137.D
Acq: 3 Apr 2017 22:45

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.7	28.3	42.5
164	33.3	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

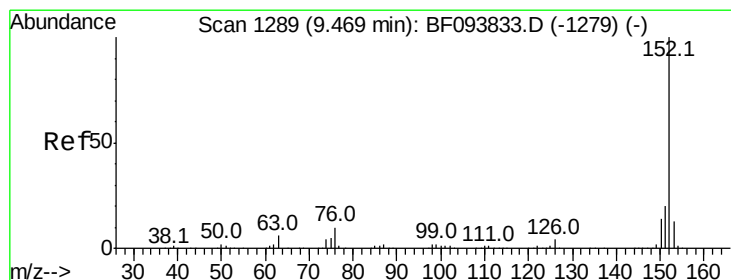
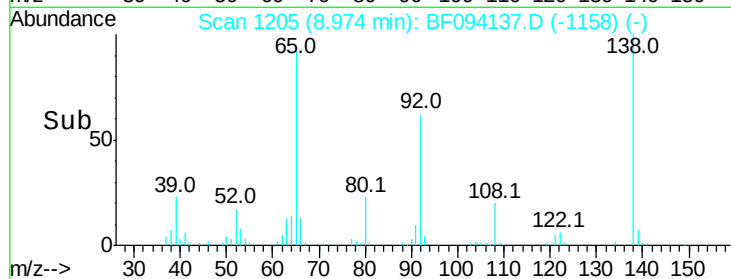
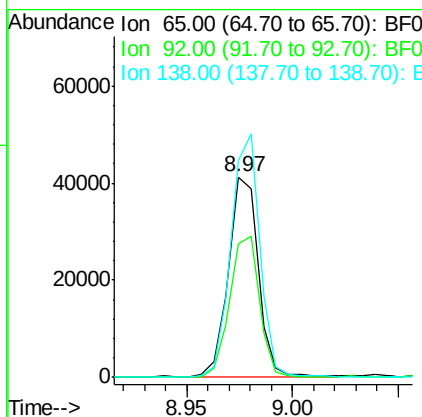
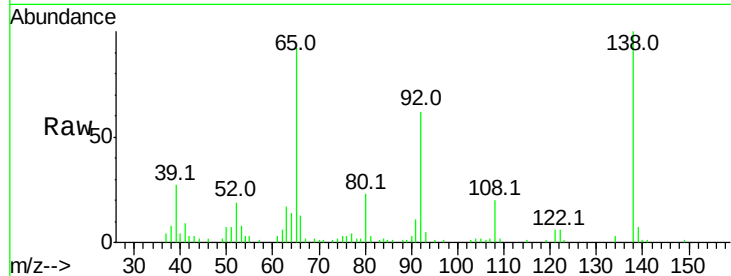




#47
 2-Nitroaniline
 Concen: 10.03 ng
 RT: 8.97 min Scan# 1205
 Delta R.T. -0.02 min
 Lab File: BF094137.D
 Acq: 3 Apr 2017 22:45

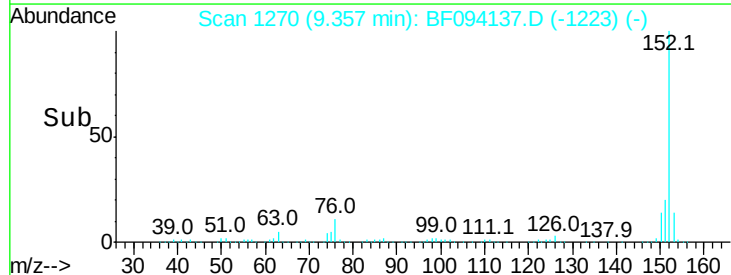
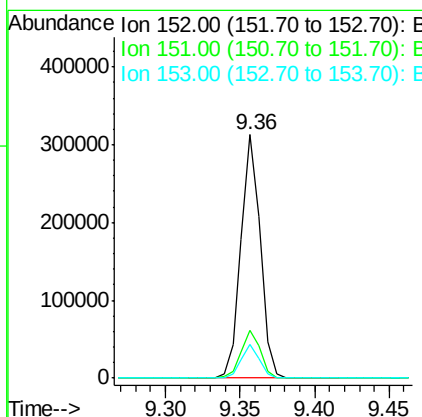
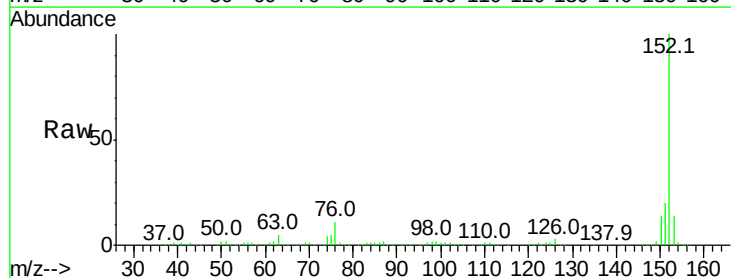
Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP08-COMPMSD

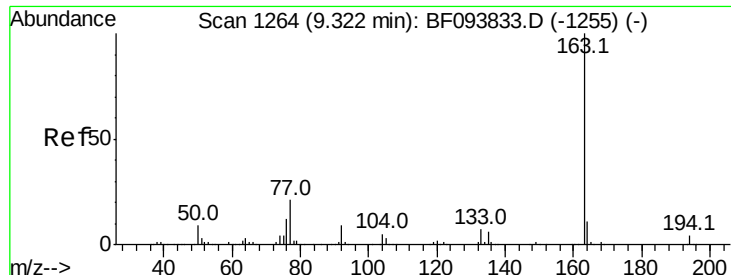
Tot Ion: 65 Resp: 40606
 Ion Ratio Lower Upper
 65 100
 92 66.9 53.9 80.9
 138 108.4 78.8 118.2



#48
 Acenaphthylene
 Concen: 12.53 ng
 RT: 9.36 min Scan# 1270
 Delta R.T. -0.02 min
 Lab File: BF094137.D
 Acq: 3 Apr 2017 22:45

Tgt Ion:152 Resp: 284234
 Ion Ratio Lower Upper
 152 100
 151 19.7 16.8 25.2
 153 13.6 10.8 16.2

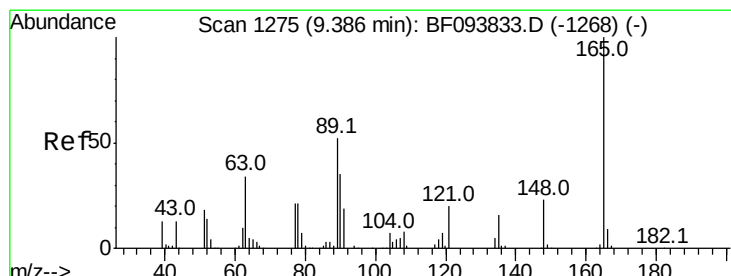
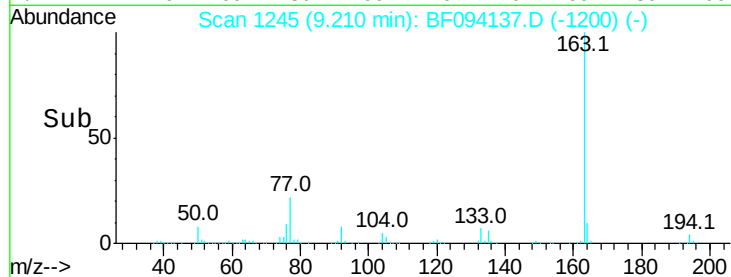
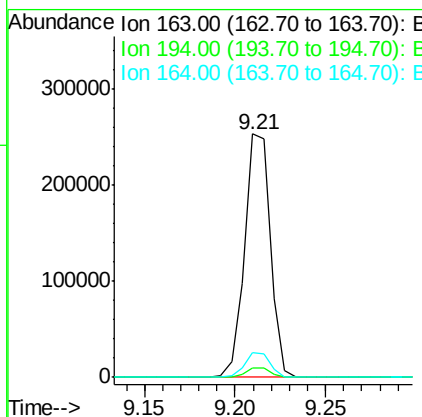
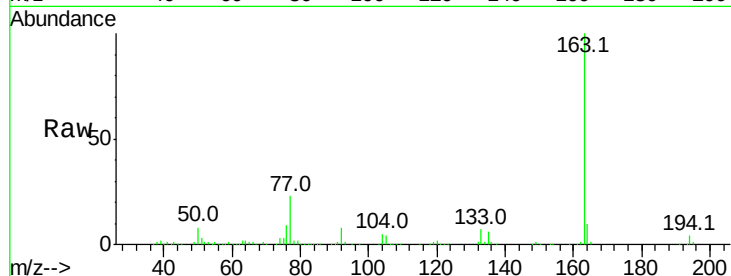




#49
Dimethylphthalate
Concen: 16.26 ng
RT: 9.21 min Scan# 1245
Delta R.T. -0.04 min
Lab File: BF094137.D
Acq: 3 Apr 2017 22:45

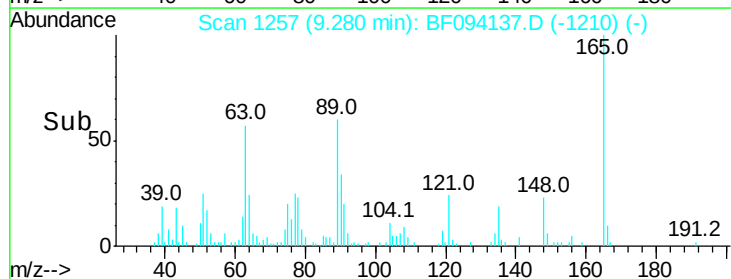
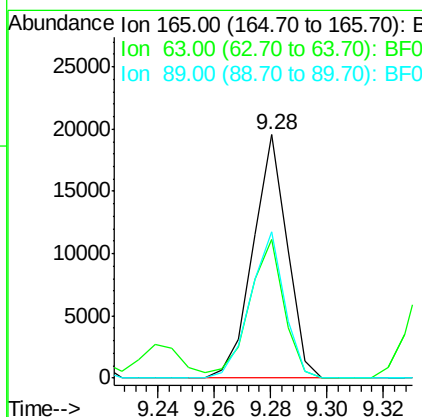
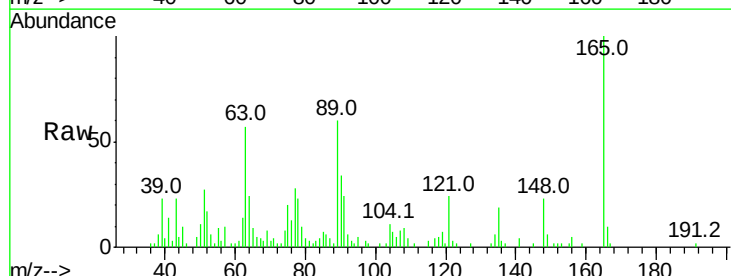
Instrument :
BNA_F
ClientSampleId :
LSS-SP08-COMPMSD

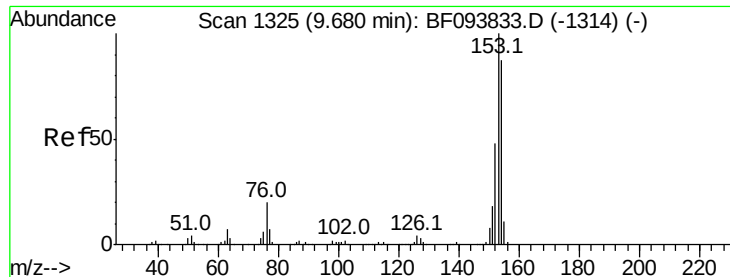
Tot Ion:163 Resp: 249810
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.3 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 4.65 ng
RT: 9.28 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF094137.D
Acq: 3 Apr 2017 22:45

Tgt Ion:165 Resp: 16380
Ion Ratio Lower Upper
165 100
63 56.7 34.3 51.5#
89 60.3 37.1 55.7#





#51

Acenaphthene

Concen: 12.78 ng

RT: 9.57 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMSD

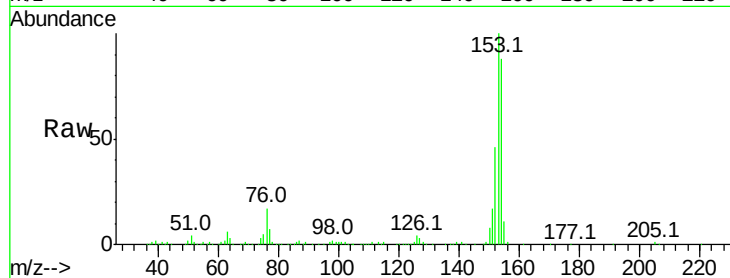
Tot Ion:154 Resp: 169130

Ion Ratio Lower Upper

154 100

153 113.3 90.5 135.7

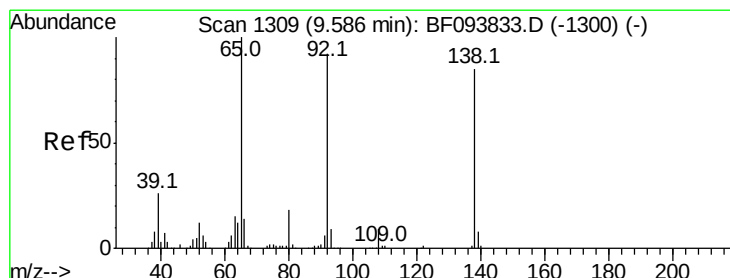
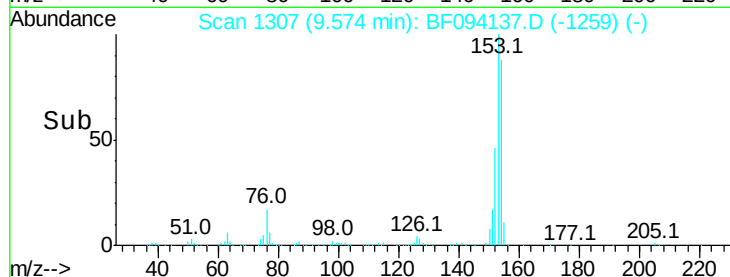
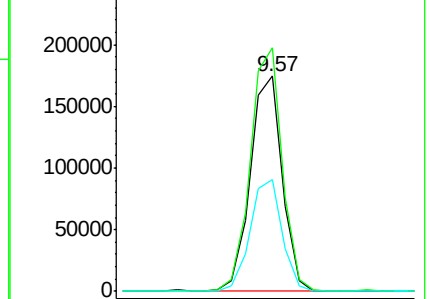
152 52.2 43.6 65.4



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: 9.90 ng

RT: 9.48 min Scan# 1291

Delta R.T. -0.03 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

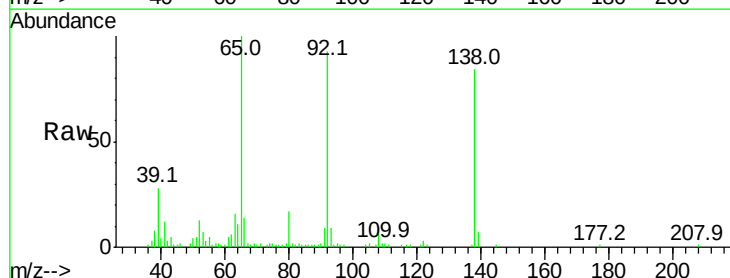
Tgt Ion:138 Resp: 40937

Ion Ratio Lower Upper

138 100

108 11.5 9.1 13.7

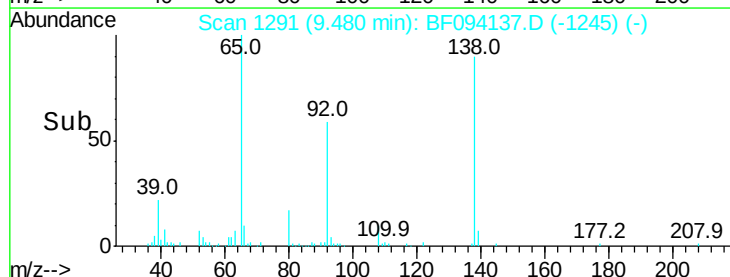
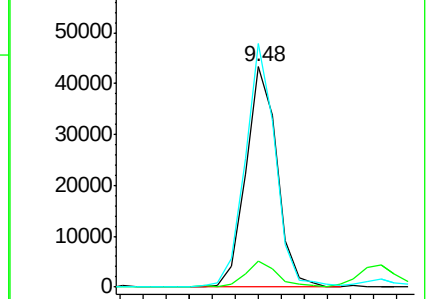
92 110.5 93.8 140.6

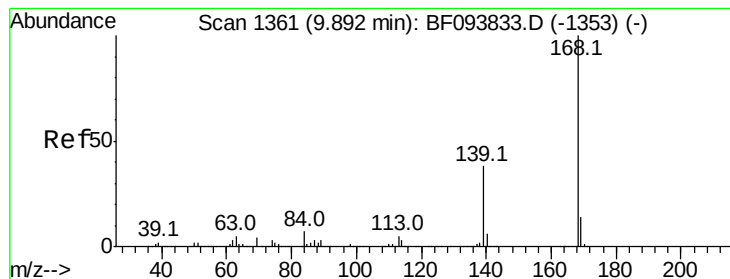


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#54

Dibenzofuran

Concen: 13.61 ng

RT: 9.79 min Scan# 1343

Delta R.T. -0.02 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMSD

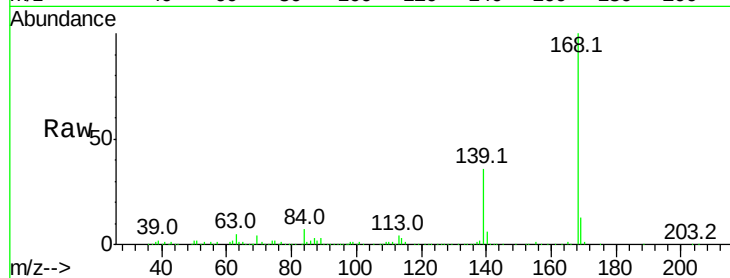
Tot Ion:168 Resp: 245157

Ion Ratio Lower Upper

168 100

139 36.1 30.6 45.8

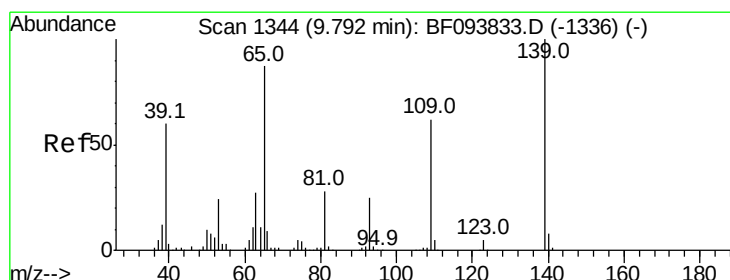
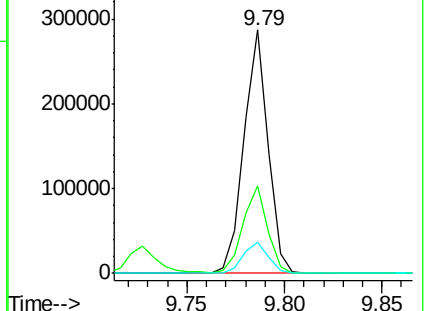
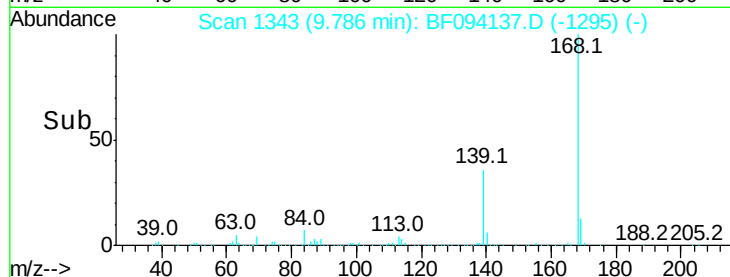
169 12.9 10.8 16.2



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: 10.44 ng

RT: 9.73 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

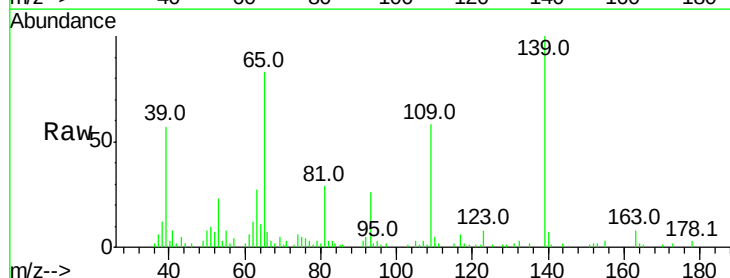
Tgt Ion:139 Resp: 33826

Ion Ratio Lower Upper

139 100

109 58.2 34.1 74.1

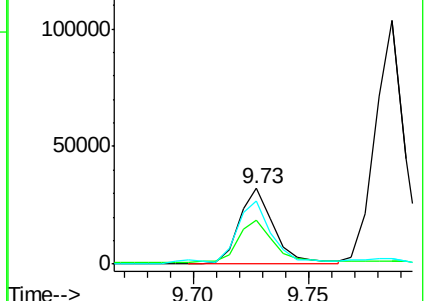
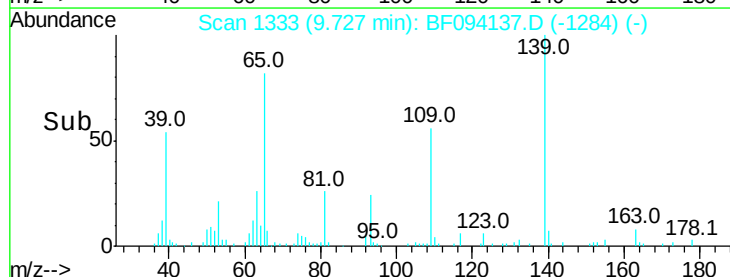
65 82.9 31.4 71.4#

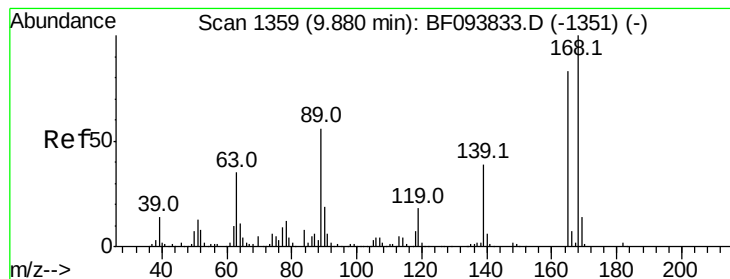


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 4.17 ng

RT: 9.77 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMSD

Tot Ion:165 Resp: 18447

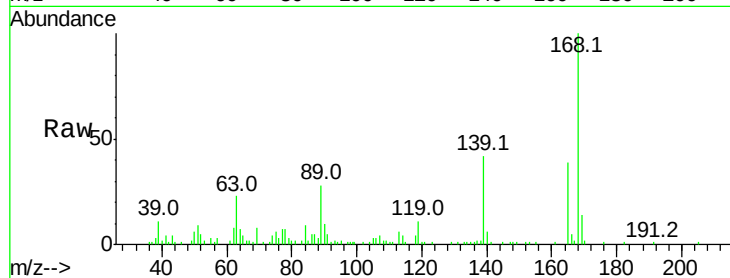
Ion Ratio Lower Upper

165 100

63 59.6 25.4 38.0#

89 73.0 46.4 69.6#

182 3.4 1.8 2.6#

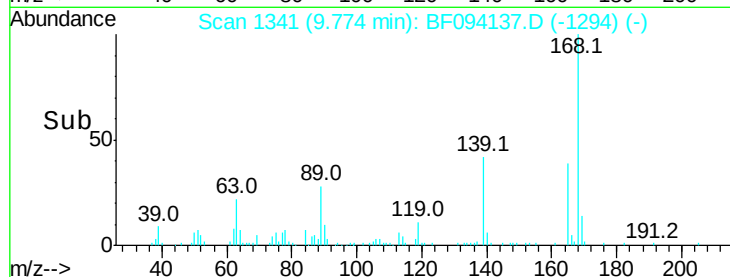


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

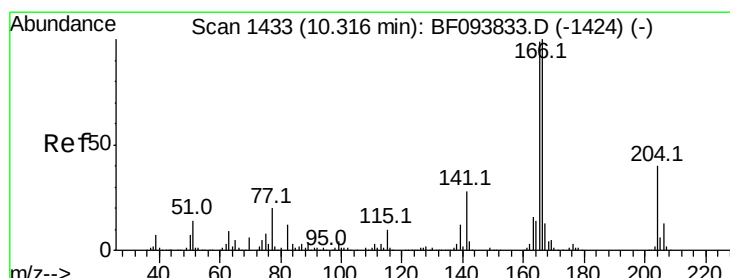
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->

9.75 9.80



#57

Fluorene

Concen: 12.69 ng

RT: 10.21 min Scan# 1415

Delta R.T. -0.02 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

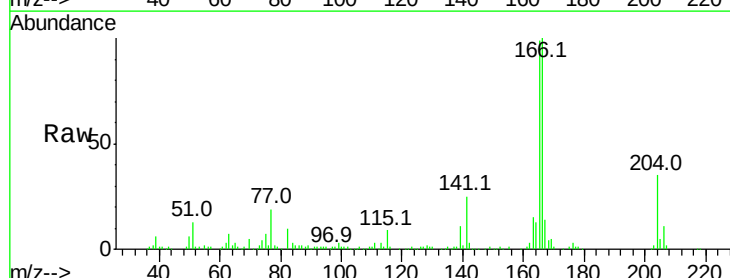
Tgt Ion:166 Resp: 189560

Ion Ratio Lower Upper

166 100

165 98.6 78.8 118.2

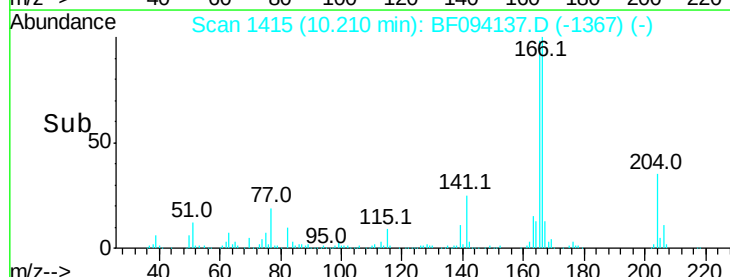
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

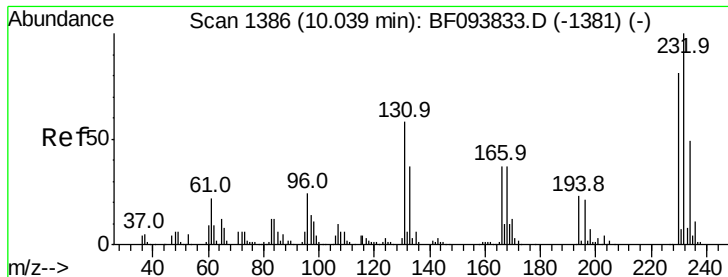
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->

10.10 10.20



#58

2,3,4,6-Tetrachlorophenol

Concen: 10.28 ng

RT: 9.95 min Scan# 1370

Delta R.T. -0.02 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMSD

Tot Ion:232 Resp: 31923

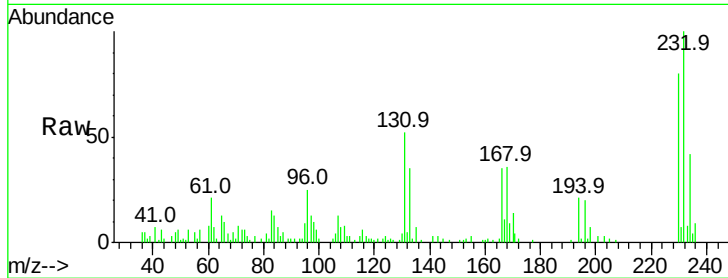
Ion Ratio Lower Upper

232 100

131 53.1 44.8 67.2

130 3.5 2.3 3.5

166 33.6 29.0 43.4

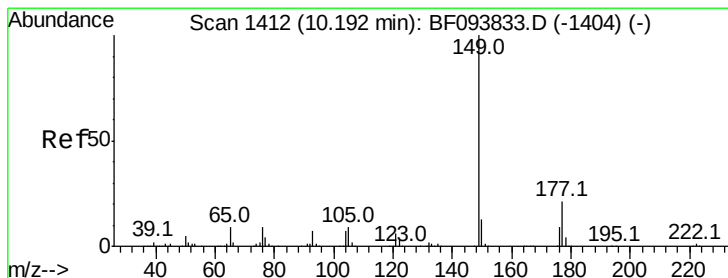
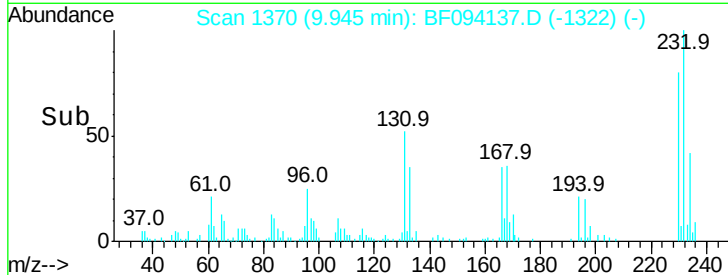
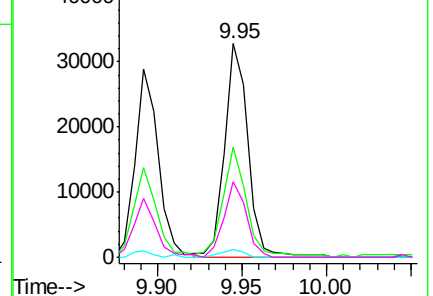


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 12.97 ng

RT: 10.09 min Scan# 1394

Delta R.T. -0.02 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

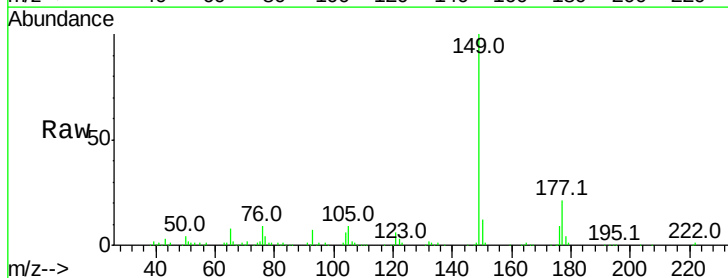
Tgt Ion:149 Resp: 197007

Ion Ratio Lower Upper

149 100

177 21.1 16.7 25.1

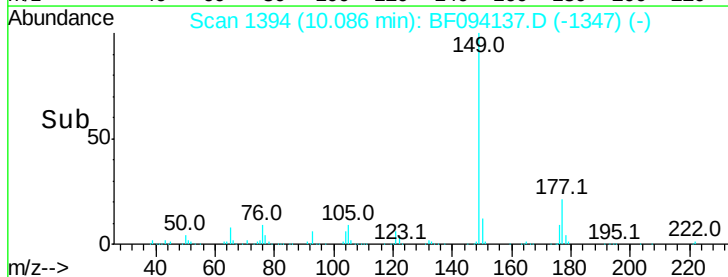
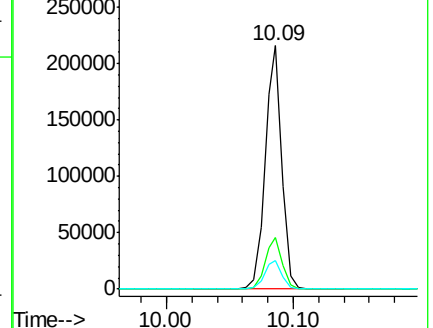
150 11.6 10.2 15.2

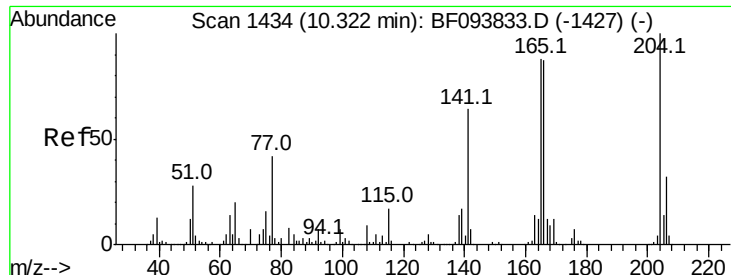


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

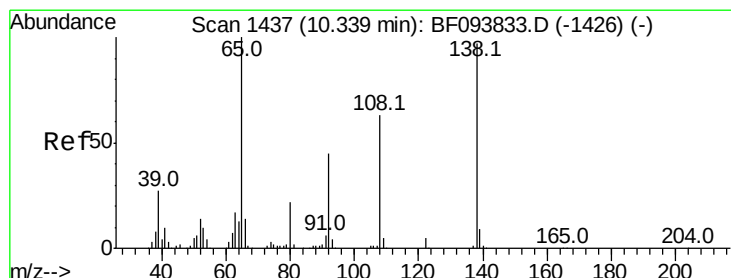
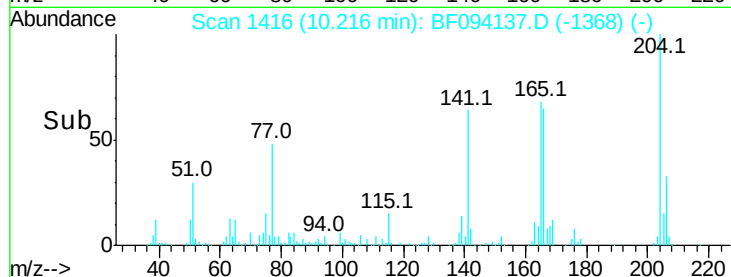
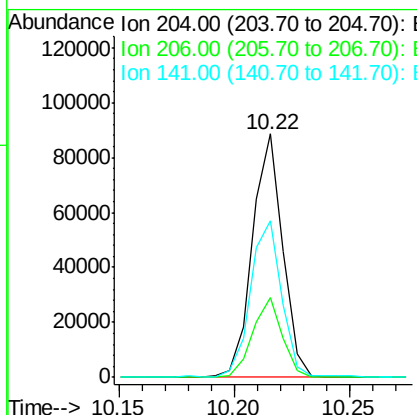
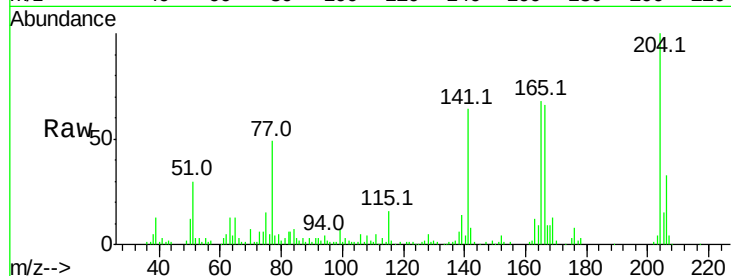




#60
 4-Chlorophenyl-phenylether
 Concen: 12.75 ng
 RT: 10.22 min Scan# 1416
 Delta R.T. -0.02 min
 Lab File: BF094137.D
 Acq: 3 Apr 2017 22:45

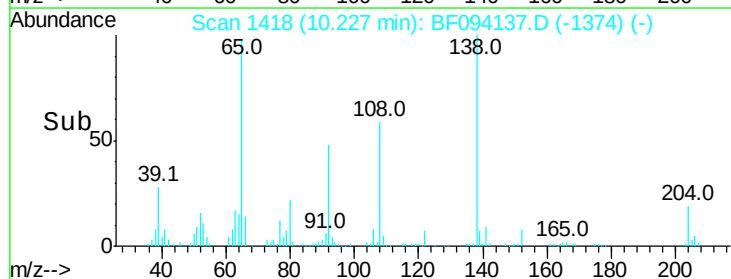
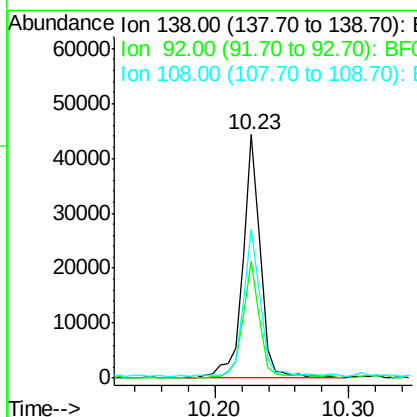
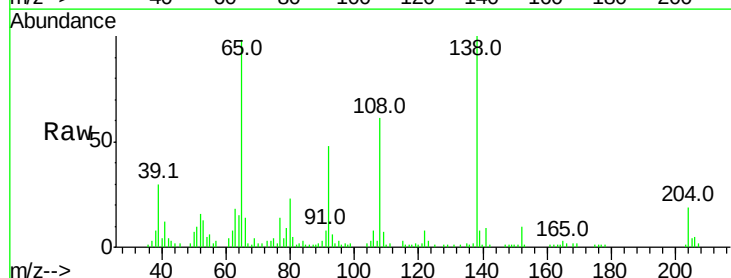
Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP08-COMPMSD

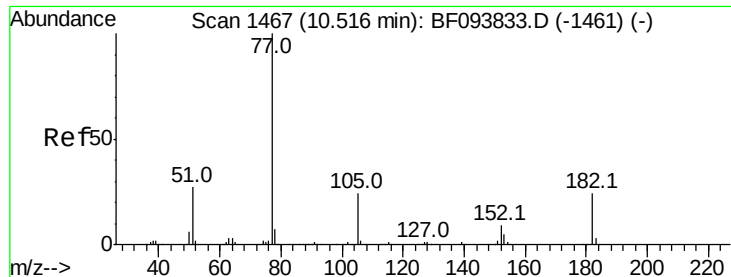
Tot Ion:204 Resp: 81164
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.2 39.2
 141 64.2 60.8 91.2



#61
 4-Nitroaniline
 Concen: 10.23 ng
 RT: 10.23 min Scan# 1418
 Delta R.T. -0.04 min
 Lab File: BF094137.D
 Acq: 3 Apr 2017 22:45

Tgt Ion:138 Resp: 40602
 Ion Ratio Lower Upper
 138 100
 92 47.8 21.8 61.8
 108 60.9 42.3 82.3

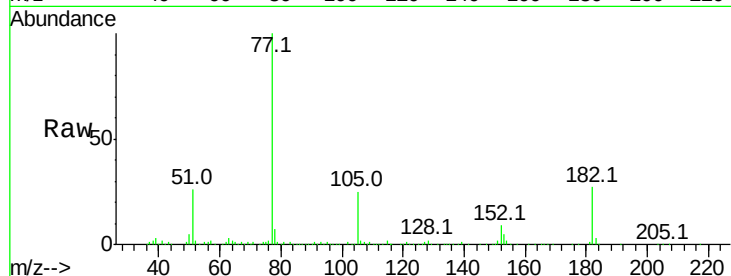




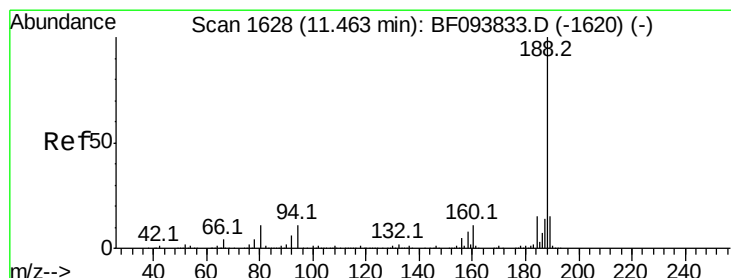
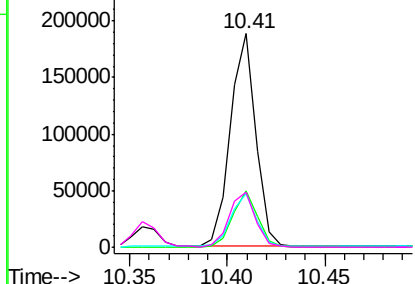
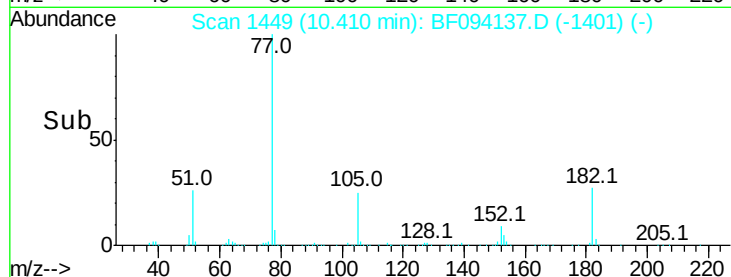
#62
Azobenzene
Concen: 11.81 ng
RT: 10.41 min Scan# 1449
Delta R.T. -0.02 min
Lab File: BF094137.D
Acq: 3 Apr 2017 22:45

Instrument :
BNA_F
ClientSampleId :
LSS-SP08-COMPMSD

Tot Ion: 77 Resp: 169598
Ion Ratio Lower Upper
77 100
182 26.5 0.1 40.1
105 25.0 3.6 43.6
51 25.8 9.4 49.4

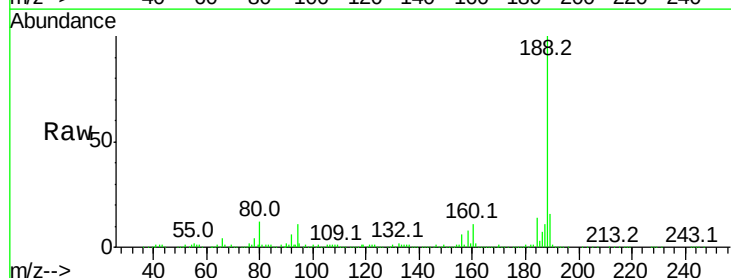


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

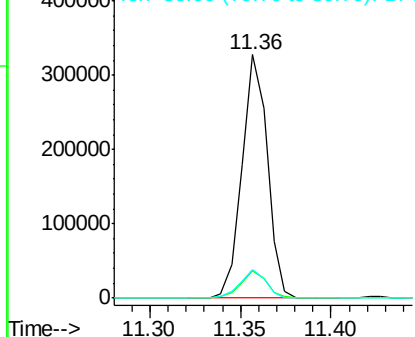
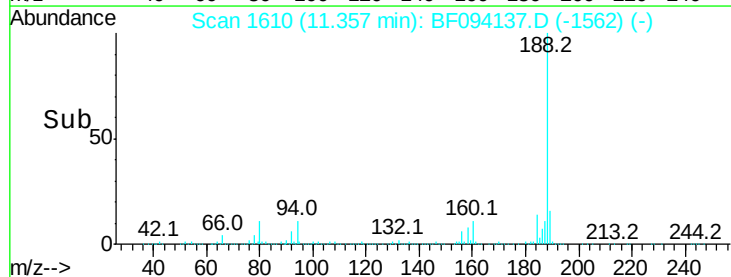


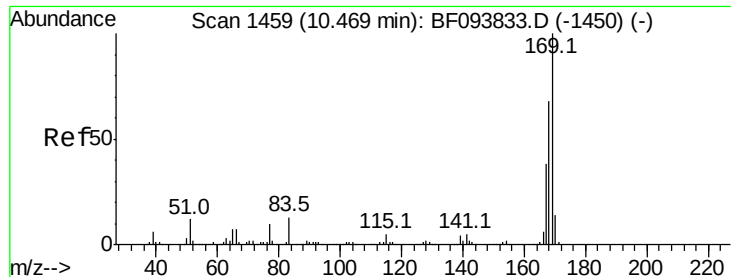
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.02 min
Lab File: BF094137.D
Acq: 3 Apr 2017 22:45

Tgt Ion: 188 Resp: 318897
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 11.5 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#65

n-Nitrosodiphenylamine

Concen: 14.25 ng

RT: 10.36 min Scan# 1440

Delta R.T. -0.02 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMSD

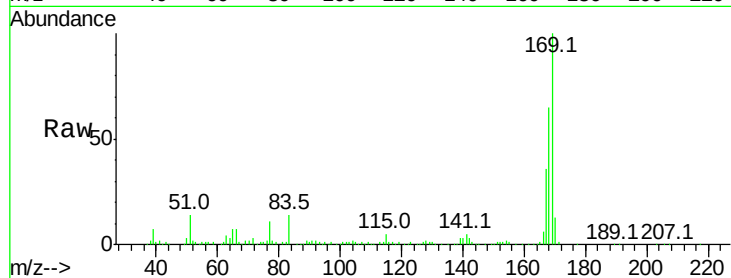
Tot Ion:169 Resp: 157205

Ion Ratio Lower Upper

169 100

168 64.6 53.2 79.8

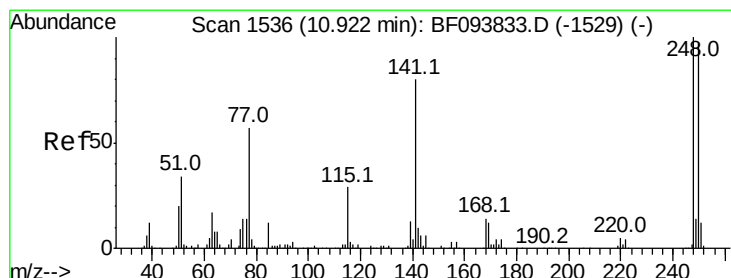
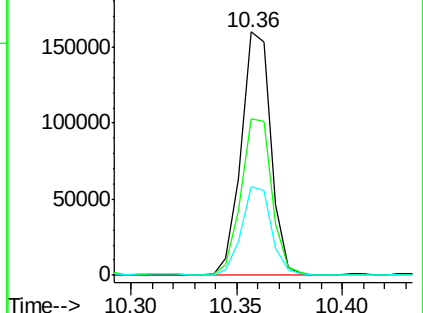
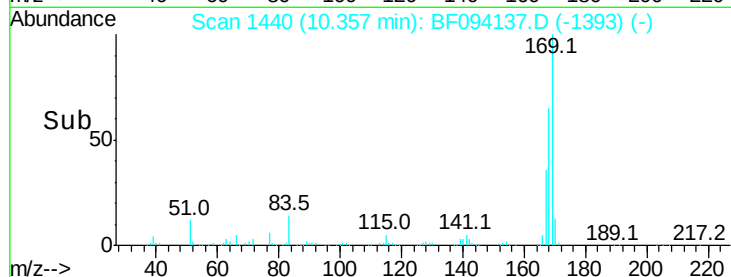
167 36.4 29.5 44.3



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: 13.46 ng

RT: 10.82 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

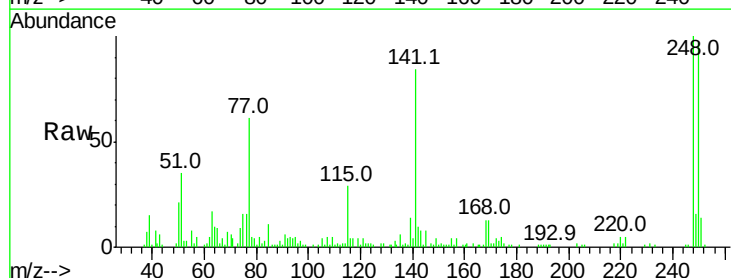
Tgt Ion:248 Resp: 42214

Ion Ratio Lower Upper

248 100

250 96.8 76.8 115.2

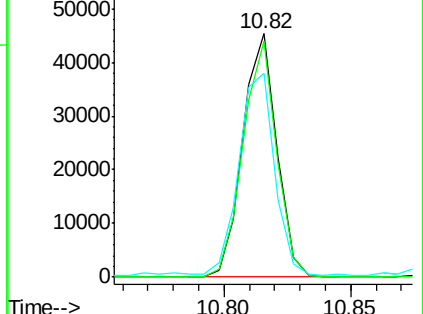
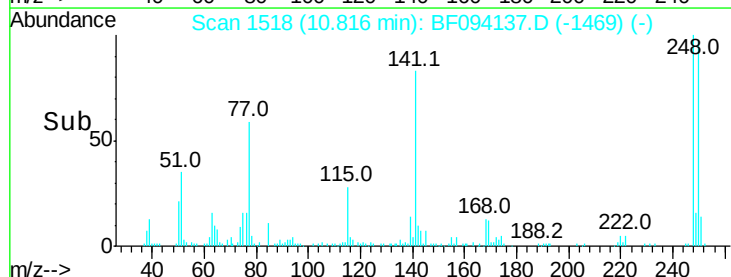
141 83.9 68.6 103.0

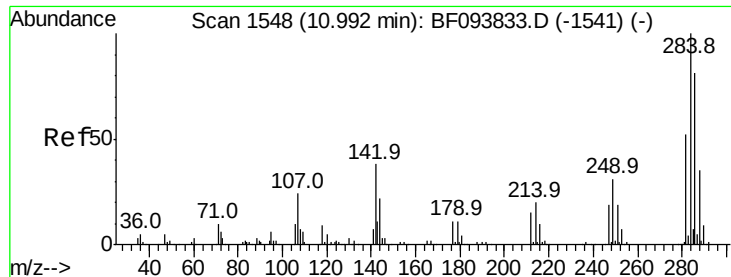


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 12.67 ng

RT: 10.89 min Scan# 1530

Delta R.T. -0.02 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMSD

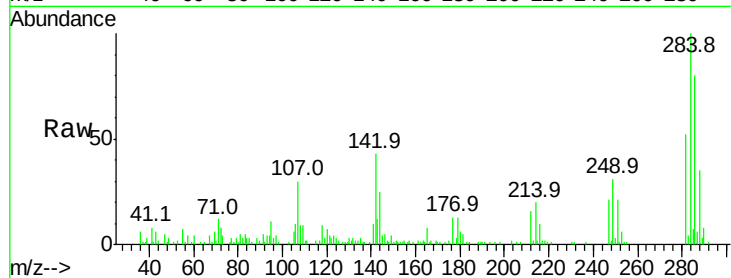
Tot Ion:284 Resp: 40225

Ion Ratio Lower Upper

284 100

142 42.7 22.8 34.2#

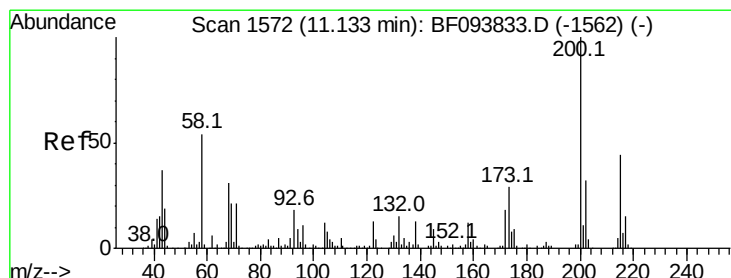
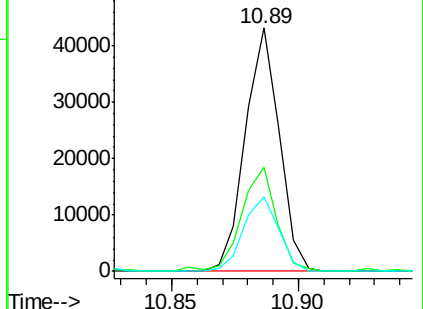
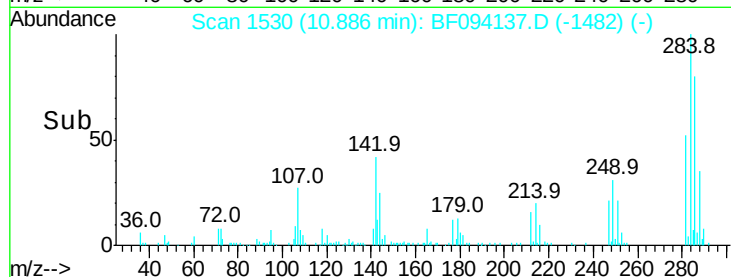
249 30.6 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 11.42 ng

RT: 11.03 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

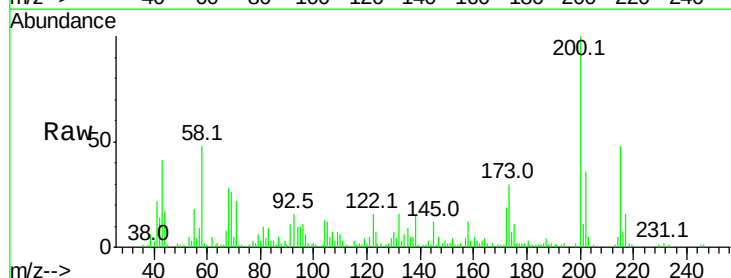
Tgt Ion:200 Resp: 37712

Ion Ratio Lower Upper

200 100

173 29.7 6.3 46.3

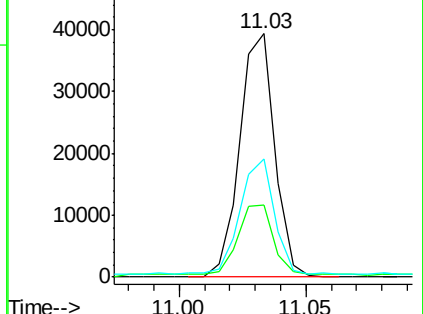
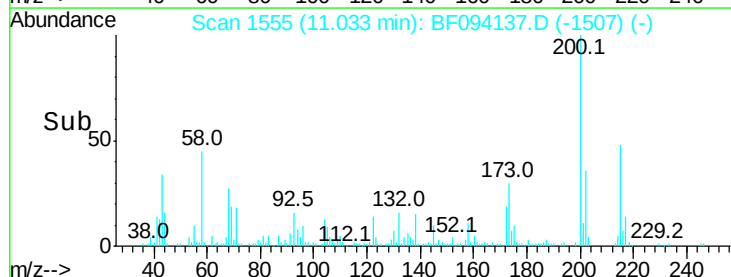
215 48.5 27.2 67.2

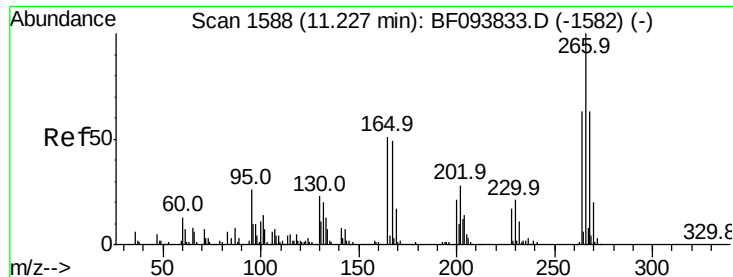


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

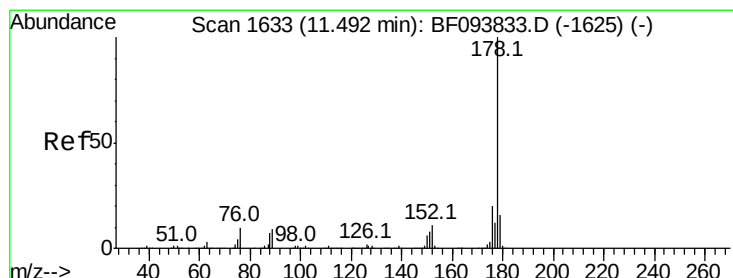
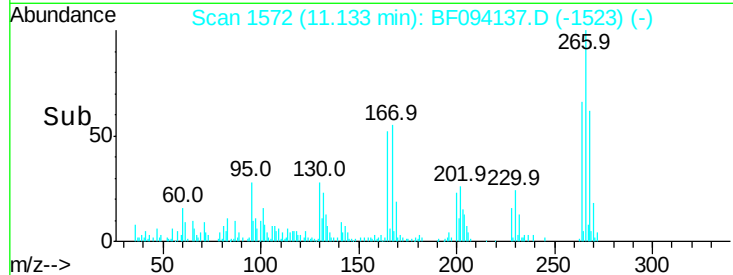
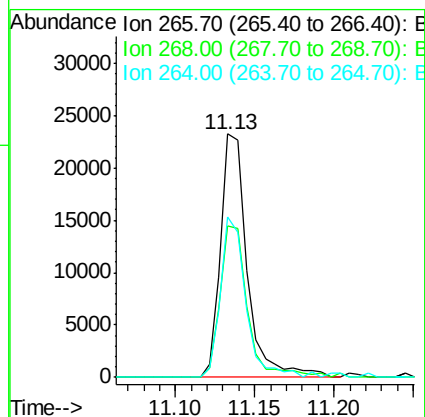
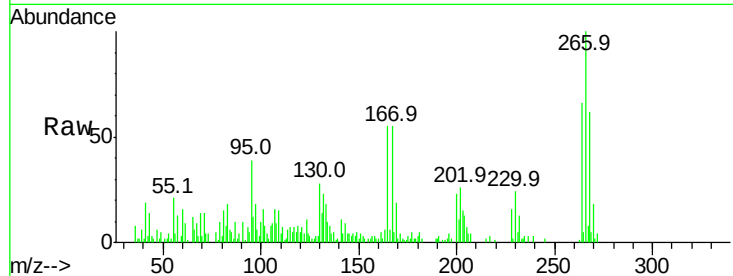




#69
 Pentachlorophenol
 Concen: 13.72 ng
 RT: 11.13 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF094137.D
 Acq: 3 Apr 2017 22:45

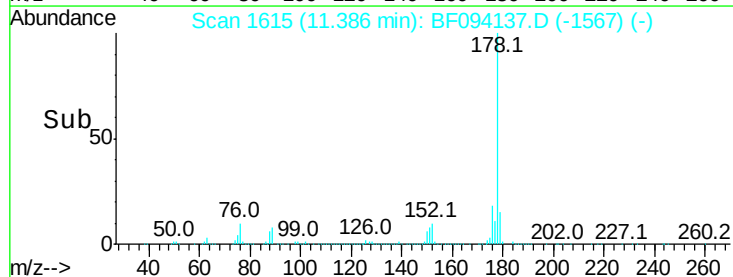
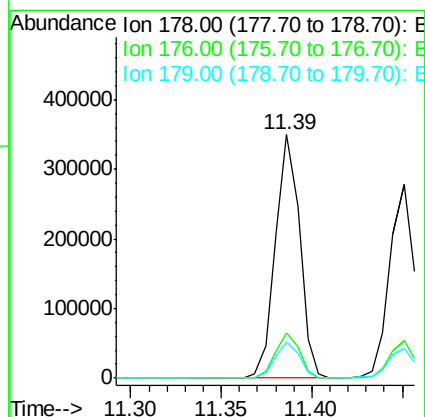
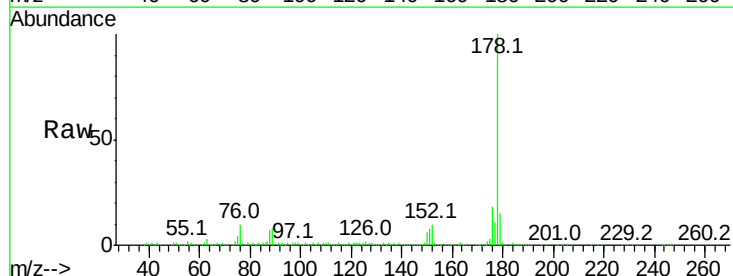
Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP08-COMPMSD

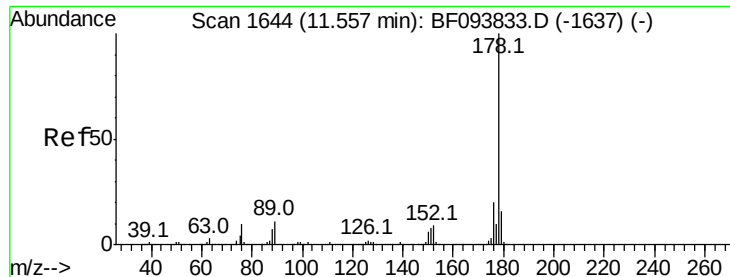
Tot Ion:266 Resp: 27119
 Ion Ratio Lower Upper
 266 100
 268 62.2 51.1 76.7
 264 65.8 51.7 77.5



#70
 Phenanthrene
 Concen: 18.46 ng
 RT: 11.39 min Scan# 1615
 Delta R.T. -0.02 min
 Lab File: BF094137.D
 Acq: 3 Apr 2017 22:45

Tgt Ion:178 Resp: 327410
 Ion Ratio Lower Upper
 178 100
 176 18.4 16.2 24.4
 179 15.1 12.6 19.0





#71

Anthracene

Concen: 14.35 ng

RT: 11.45 min Scan# 1626

Delta R.T. -0.02 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMSD

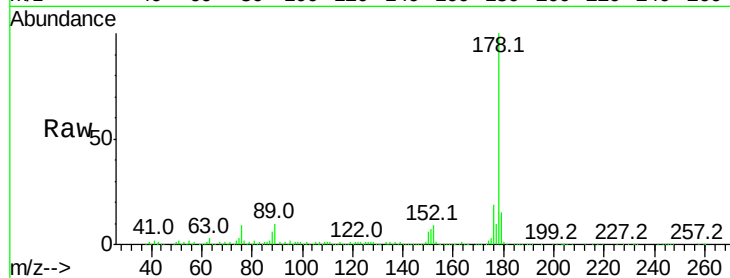
Tot Ion:178 Resp: 262022

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

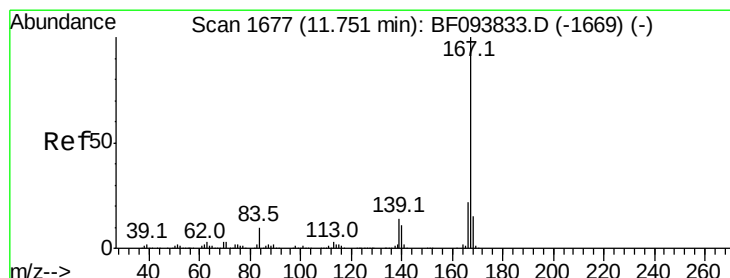
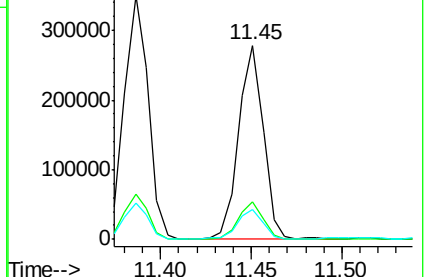
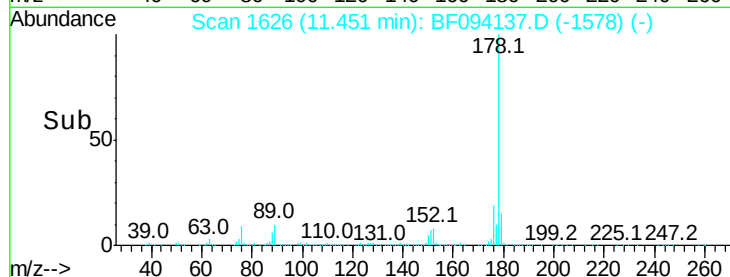
179 15.1 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 11.26 ng

RT: 11.65 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

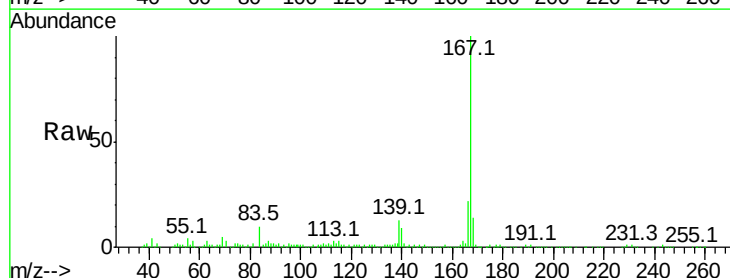
Tgt Ion:167 Resp: 210922

Ion Ratio Lower Upper

167 100

166 22.2 18.1 27.1

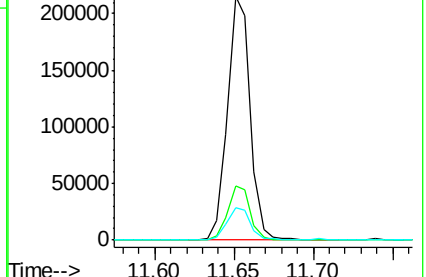
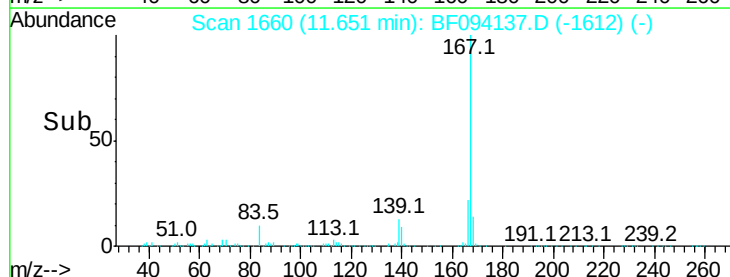
139 13.4 11.7 17.5

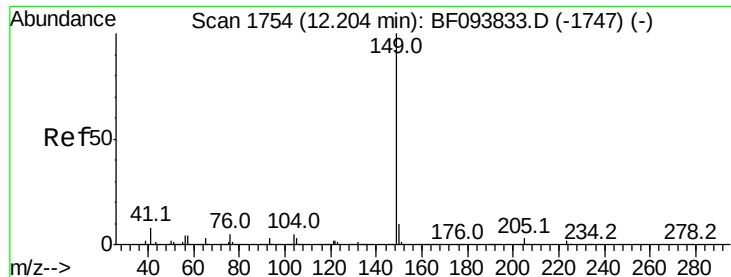


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 14.76 ng

RT: 12.10 min Scan# 1737

Delta R.T. -0.01 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMSD

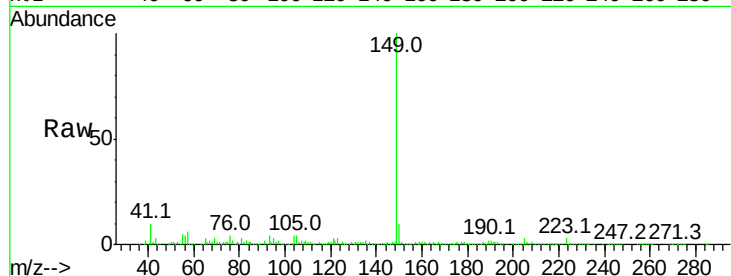
Tot Ion:149 Resp: 287411

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

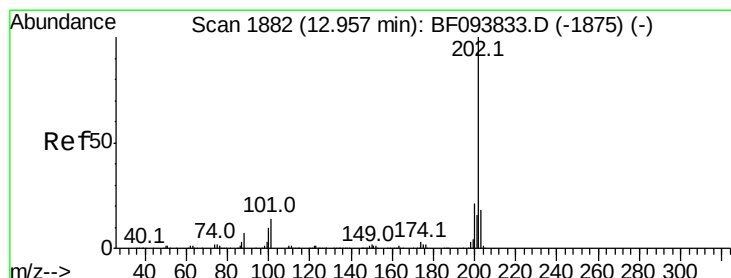
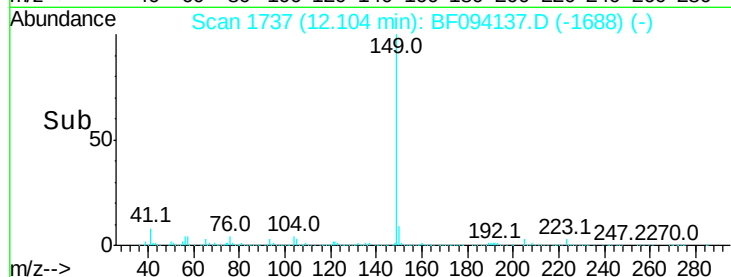
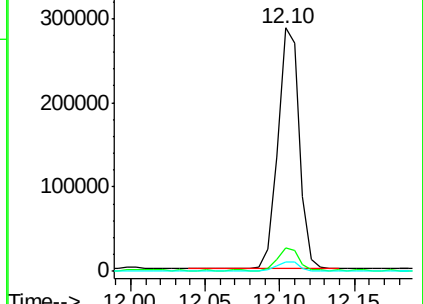
104 4.0 4.0 6.0



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: 22.38 ng

RT: 12.86 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

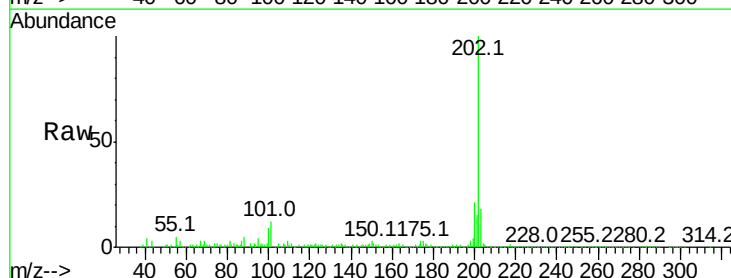
Tgt Ion:202 Resp: 406581

Ion Ratio Lower Upper

202 100

101 11.7 0.0 33.2

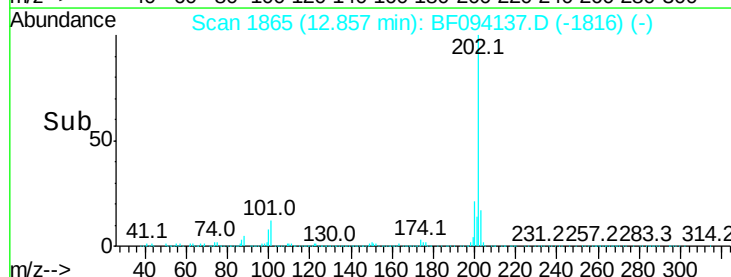
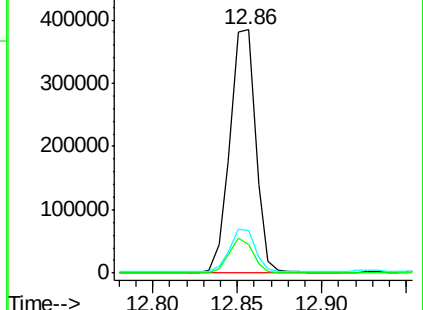
203 17.6 0.0 38.1

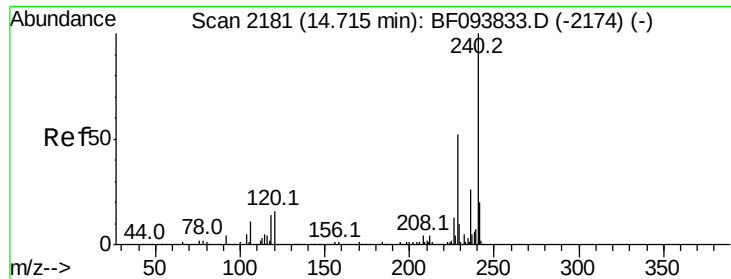


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2165

Delta R.T. -0.01 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMSD

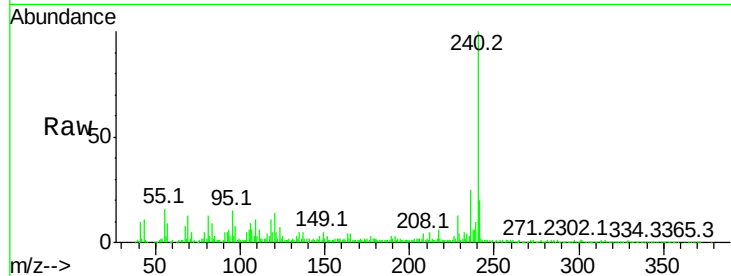
Tot Ion:240 Resp: 259273

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

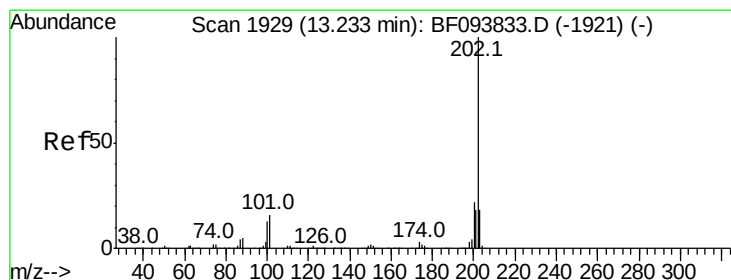
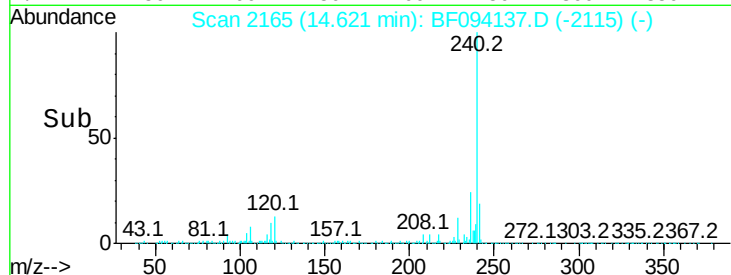
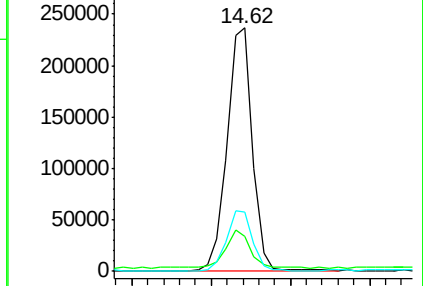
236 24.6 20.5 30.7



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: 21.24 ng

RT: 13.13 min Scan# 1911

Delta R.T. -0.02 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

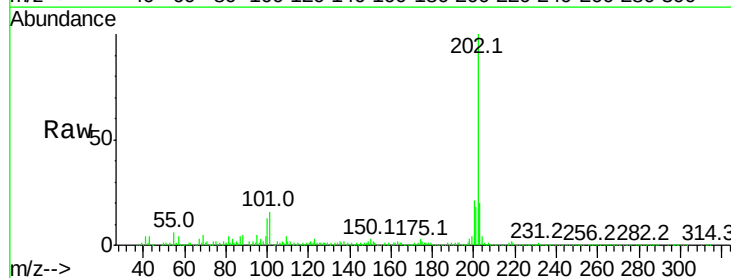
Tgt Ion:202 Resp: 399649

Ion Ratio Lower Upper

202 100

200 21.2 17.6 26.4

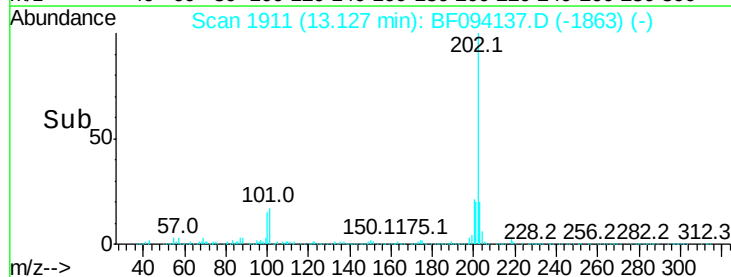
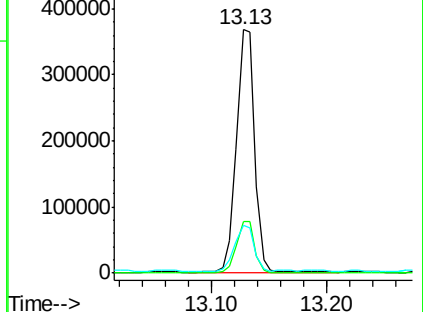
203 19.7 14.4 21.6

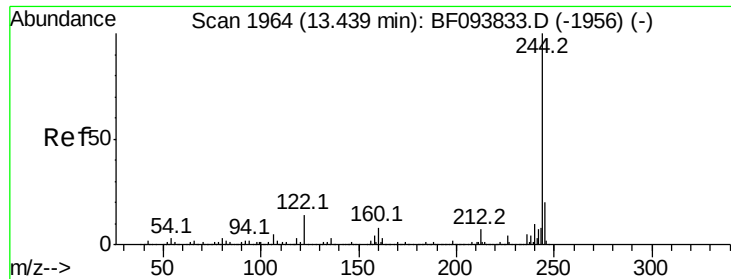


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

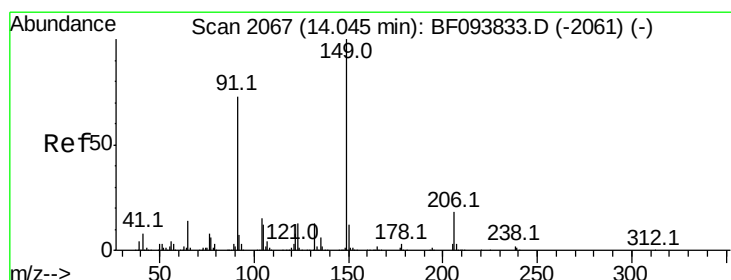
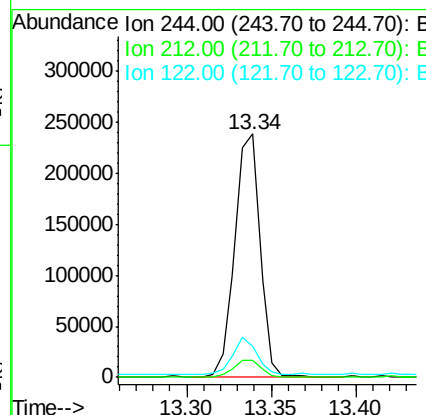
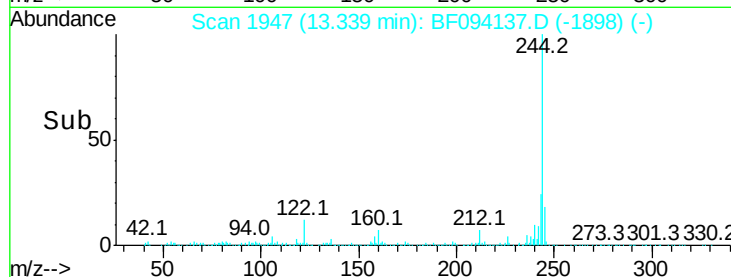
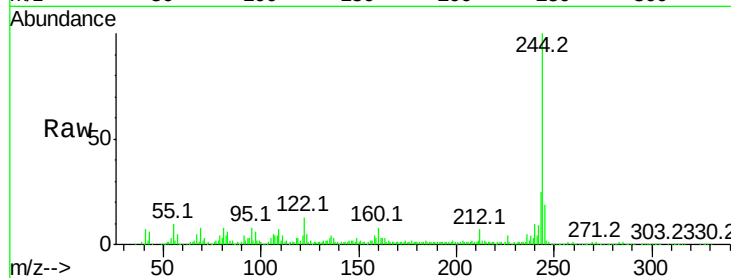




#78
 Terphenyl-d14
 Concen: 21.26 ng
 RT: 13.34 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BF094137.D
 Acq: 3 Apr 2017 22:45

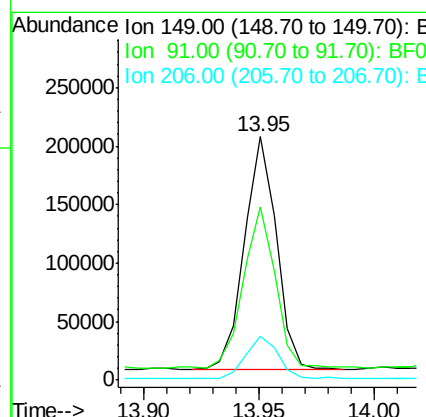
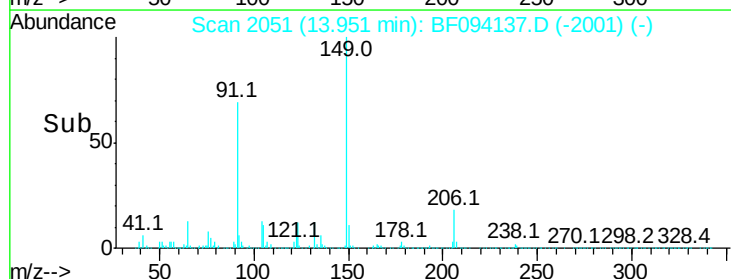
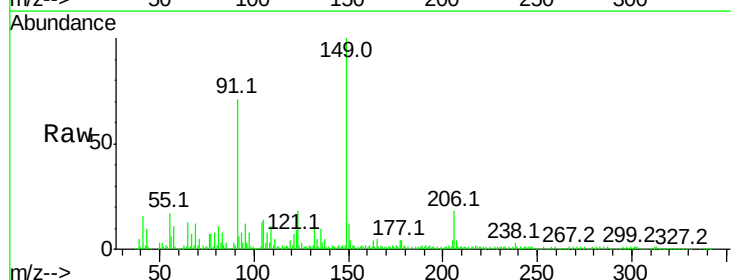
Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP08-COMPMSD

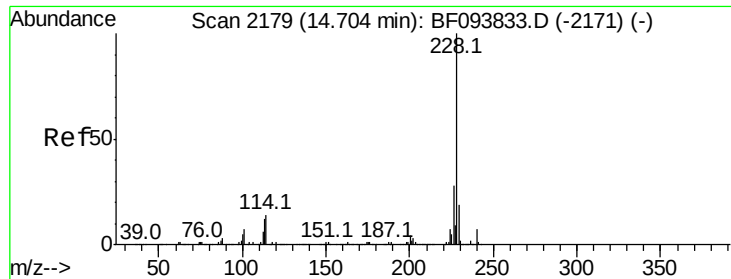
Tot Ion:244 Resp: 245972
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.0 10.3 15.5



#79
 Butylbenzylphthalate
 Concen: 24.13 ng
 RT: 13.95 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF094137.D
 Acq: 3 Apr 2017 22:45

Tgt Ion:149 Resp: 193458
 Ion Ratio Lower Upper
 149 100
 91 70.9 45.0 67.4#
 206 18.0 17.0 25.6

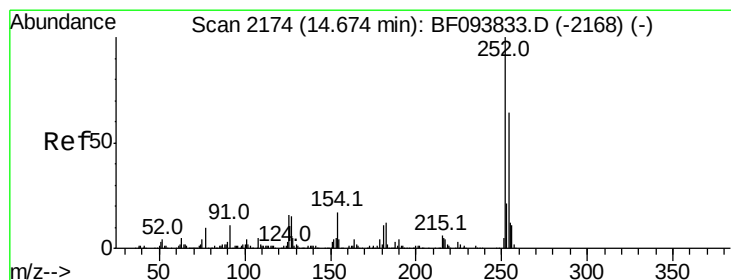
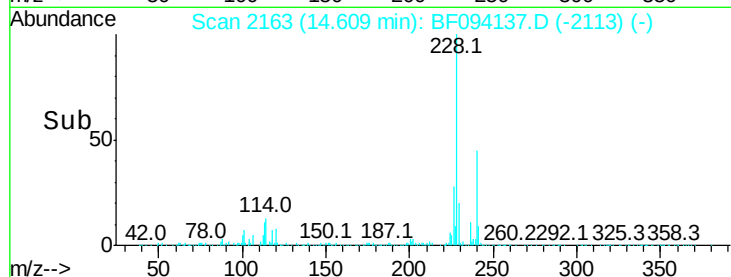
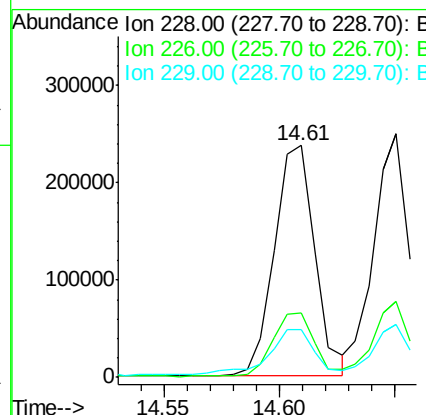
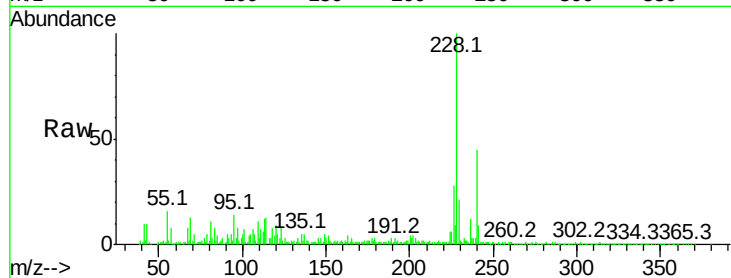




#80
Benzo(a)anthracene
Concen: 19.06 ng
RT: 14.61 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF094137.D
Acq: 3 Apr 2017 22:45

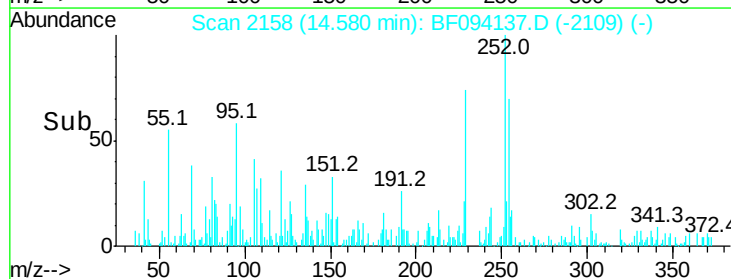
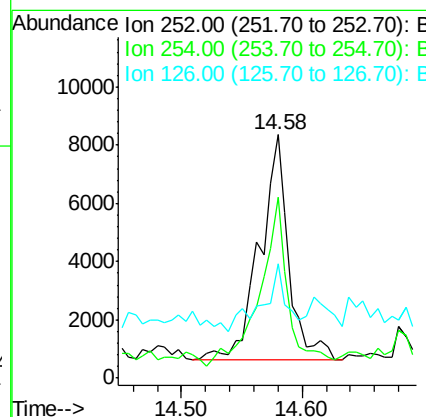
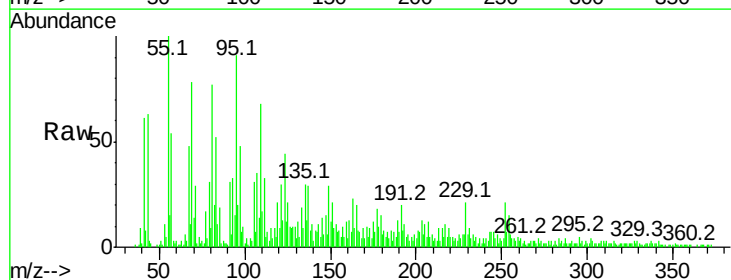
Instrument :
BNA_F
ClientSampleId :
LSS-SP08-COMPMSD

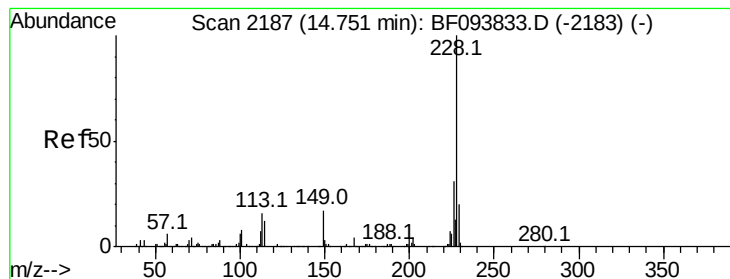
Tot Ion:228 Resp: 288224
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 20.6 16.3 24.5



#81
3,3'-Dichlorobenzidine
Concen: 2.40 ng
RT: 14.58 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BF094137.D
Acq: 3 Apr 2017 22:45

Tgt Ion:252 Resp: 12953
Ion Ratio Lower Upper
252 100
254 74.3 51.5 77.3
126 46.8 15.8 23.8#





#82

Chrysene

Concen: 18.70 ng

RT: 14.65 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMSD

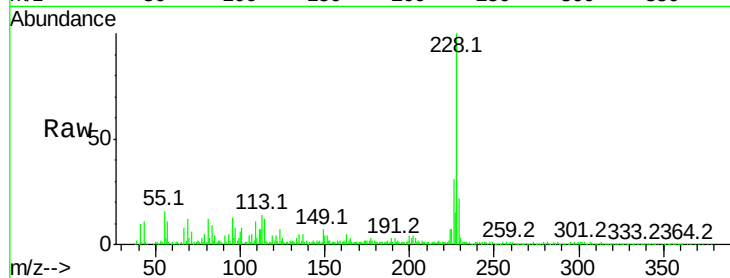
Tot Ion:228 Resp: 262346

Ion Ratio Lower Upper

228 100

226 31.0 24.9 37.3

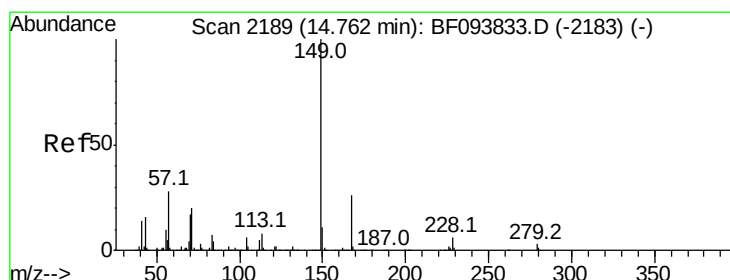
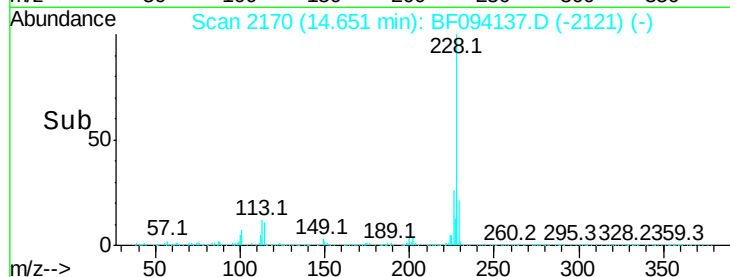
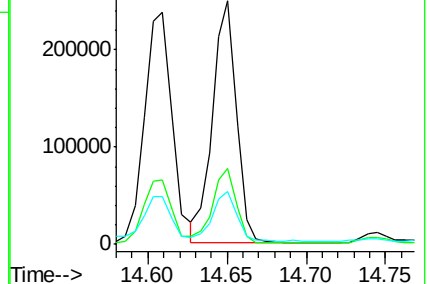
229 21.7 15.8 23.6



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: 24.57 ng

RT: 14.67 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

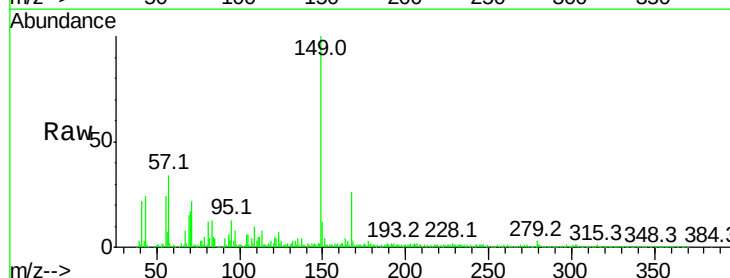
Tgt Ion:149 Resp: 268783

Ion Ratio Lower Upper

149 100

167 25.8 21.0 31.4

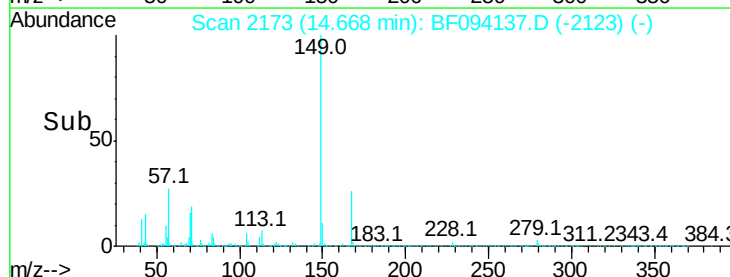
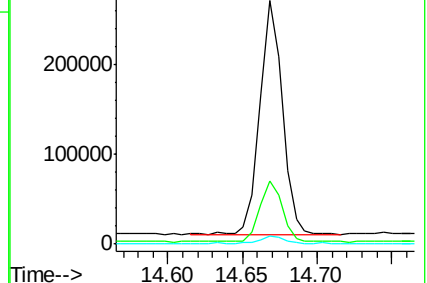
279 3.1 1.9 2.9#

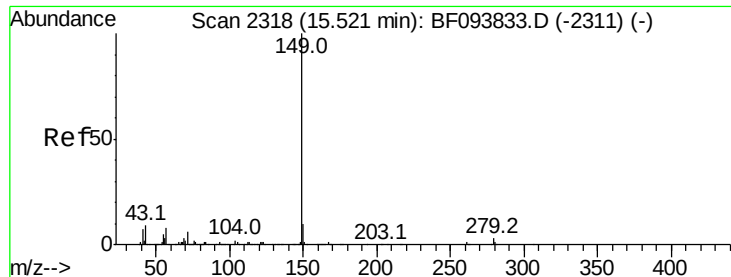


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 13.41 ng

RT: 15.43 min Scan# 2302

Delta R.T. -0.00 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMSD

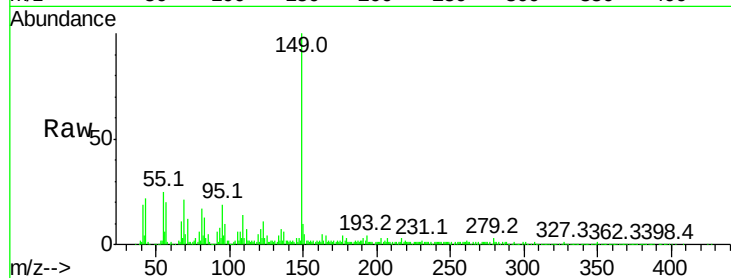
Tot Ion:149 Resp: 245000

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

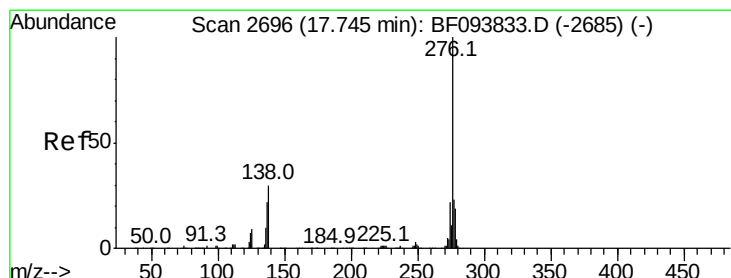
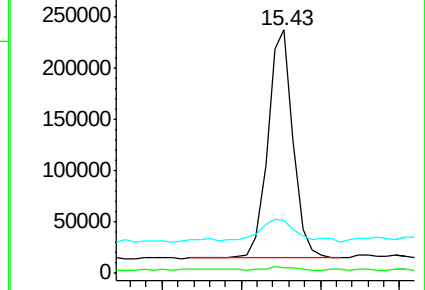
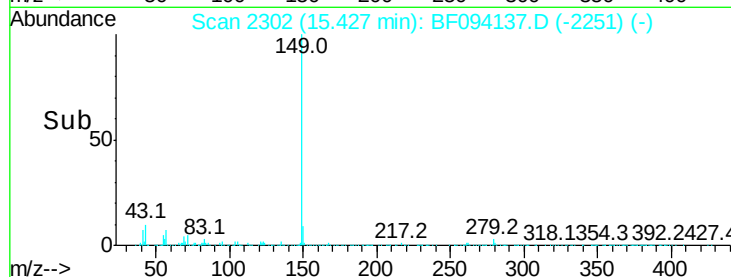
43 14.7 8.5 12.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 15.80 ng

RT: 17.60 min Scan# 2672

Delta R.T. -0.01 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

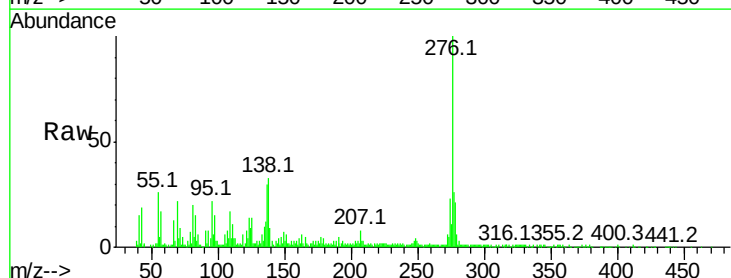
Tgt Ion:276 Resp: 192010

Ion Ratio Lower Upper

276 100

138 33.7 27.8 41.6

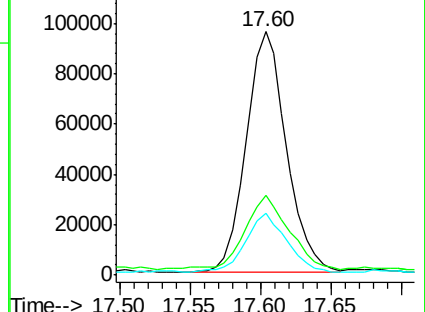
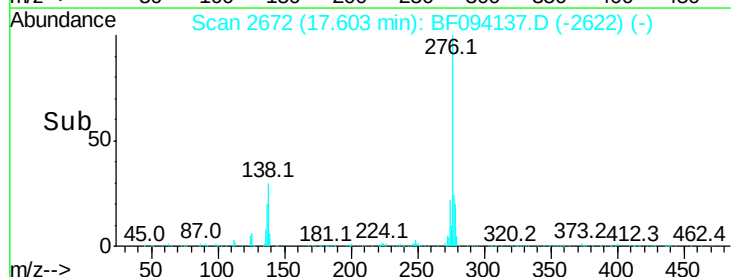
277 25.1 20.2 30.4

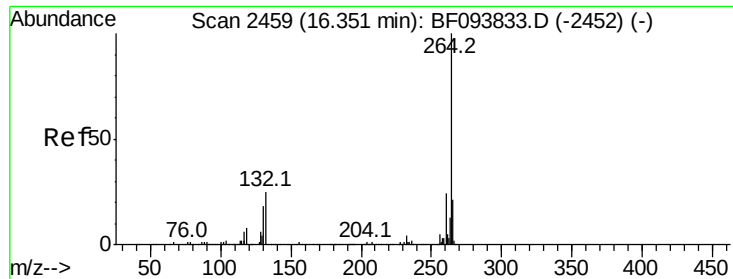


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

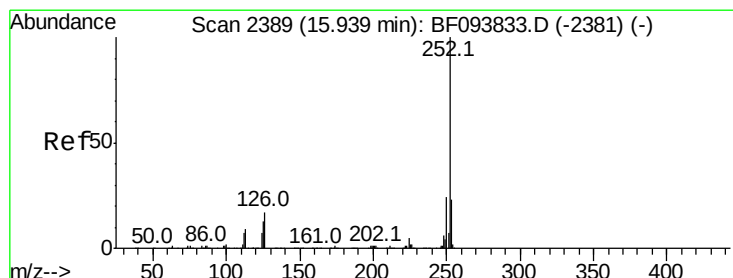
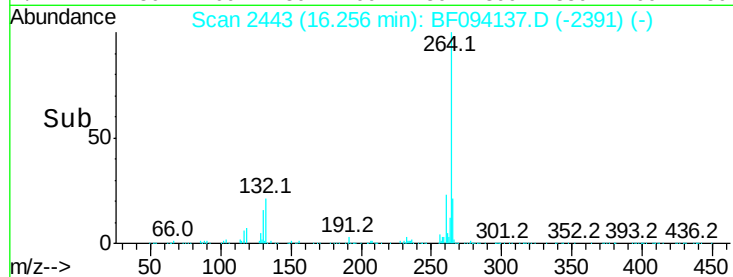
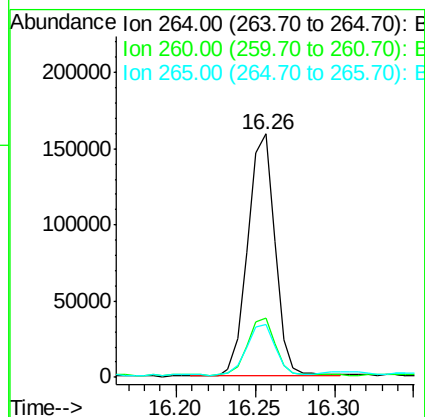
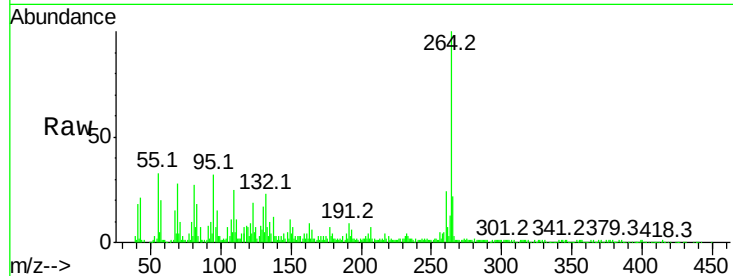




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.26 min Scan# 2443
Delta R.T. 0.01 min
Lab File: BF094137.D
Acq: 3 Apr 2017 22:45

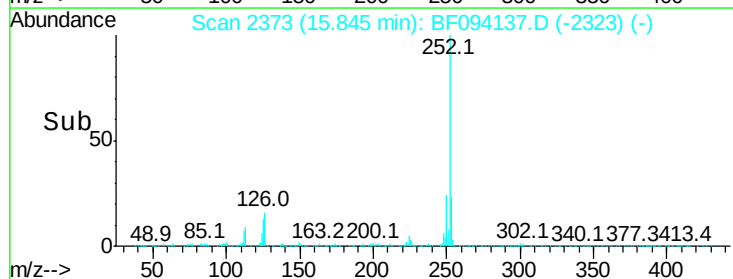
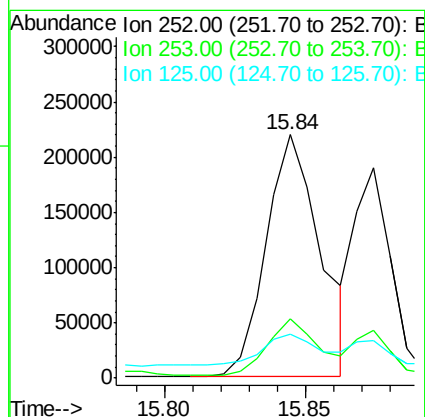
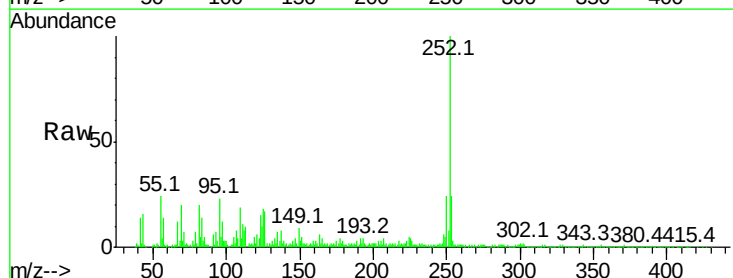
Instrument :
BNA_F
ClientSampleId :
LSS-SP08-COMPMSD

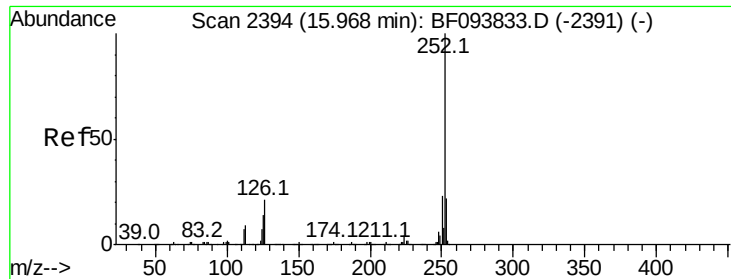
Tot Ion:264	Resp:	190090
Ion Ratio	Lower	Upper
264	100	
260	24.3	19.5 29.3
265	21.7	17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 25.06 ng
RT: 15.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BF094137.D
Acq: 3 Apr 2017 22:45

Tgt Ion:252	Resp:	291978
Ion Ratio	Lower	Upper
252	100	
253	24.2	18.1 27.1
125	17.8	9.8 14.8#

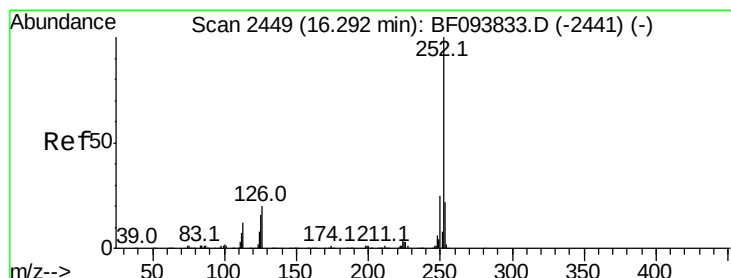
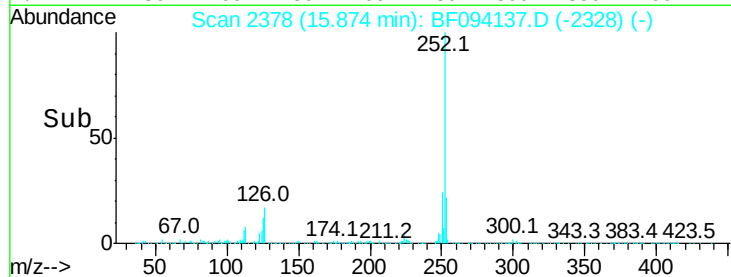
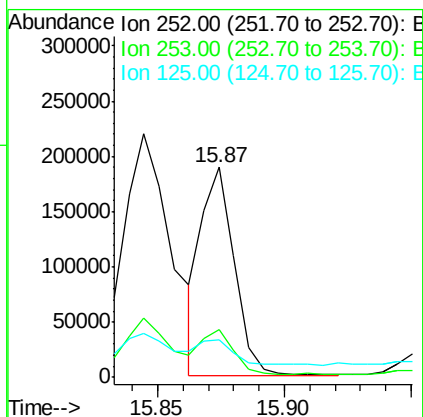
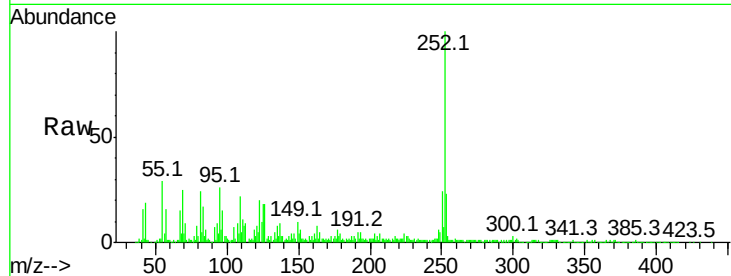




#88
Benzo(k)fluoranthene
Concen: 15.18 ng
RT: 15.87 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BF094137.D
Acq: 3 Apr 2017 22:45

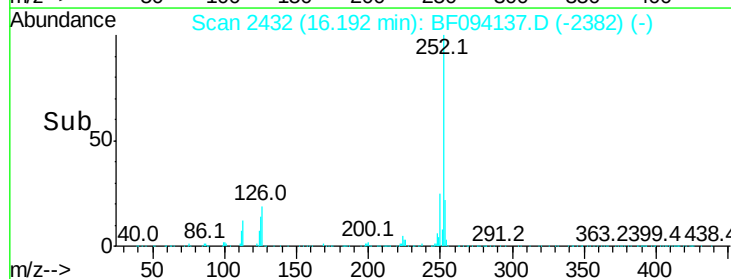
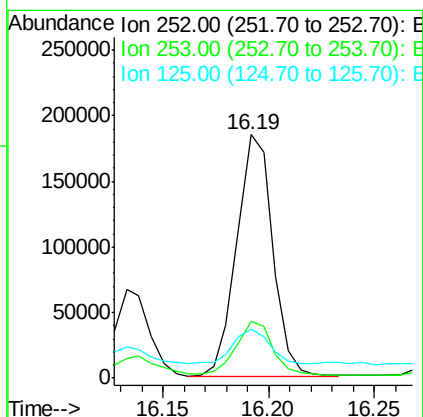
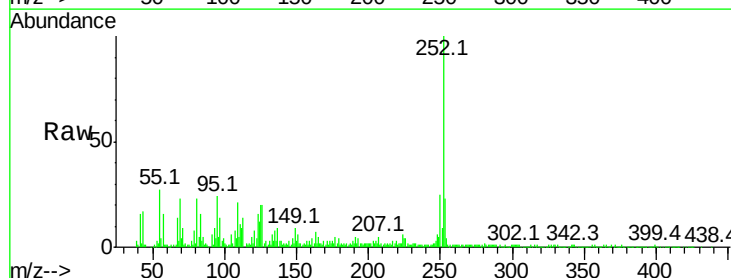
Instrument :
BNA_F
ClientSampleId :
LSS-SP08-COMPMSD

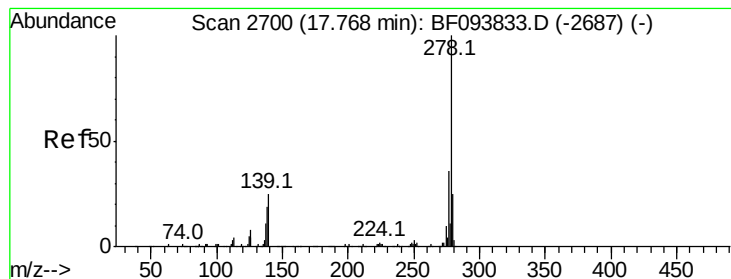
Tot Ion:252 Resp: 173060
Ion Ratio Lower Upper
252 100
253 22.7 18.4 27.6
125 17.8 13.1 19.7



#89
Benzo(a)pyrene
Concen: 20.37 ng
RT: 16.19 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BF094137.D
Acq: 3 Apr 2017 22:45

Tgt Ion:252 Resp: 218559
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 20.3 11.0 16.4#





#90

Dibenzo(a,h)anthracene

Concen: 12.71 ng

RT: 17.62 min Scan# 2675

Delta R.T. -0.01 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

Instrument :

BNA_F

ClientSampleId :

LSS-SP08-COMPMSD

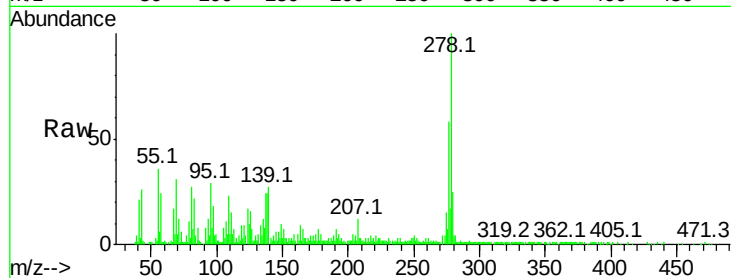
Tot Ion:278 Resp: 115519

Ion Ratio Lower Upper

278 100

139 27.0 16.6 24.8#

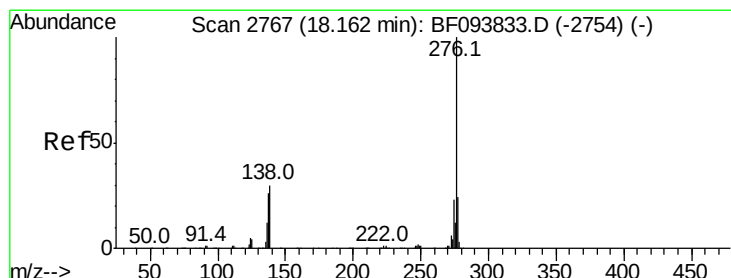
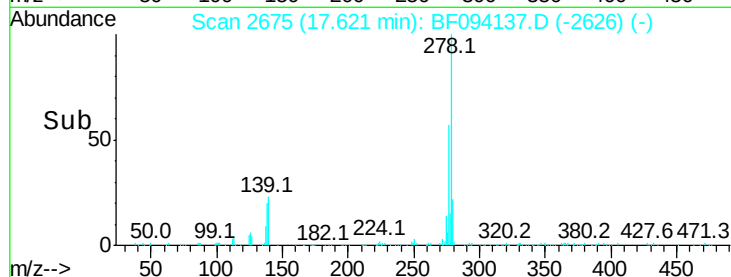
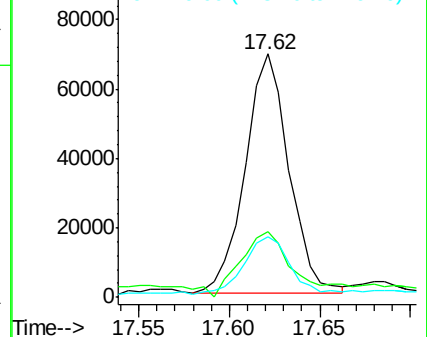
279 24.9 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 20.72 ng

RT: 18.00 min Scan# 2740

Delta R.T. -0.01 min

Lab File: BF094137.D

Acq: 3 Apr 2017 22:45

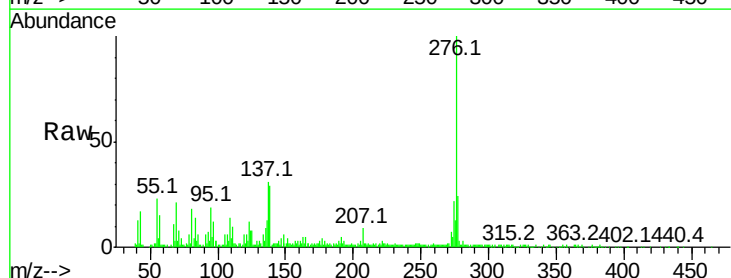
Tgt Ion:276 Resp: 189710

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 28.7 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

