

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081315\
 Data File : BF080987.D
 Acq On : 13 Aug 2015 18:35
 Operator : UM/IZ
 Sample : G3238-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-A(2)MSD

Quant Time: Aug 14 00:38:57 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	45111	20.00	ng	-0.06
21) Naphthalene-d8	7.87	136	10774	20.00	ng	-0.23
38) Acenaphthene-d10	9.53	164	27908	20.00	ng	-0.32
63) Phenanthrene-d10	10.99	188	1147	20.00	ng	-0.33
75) Chrysene-d12	0.00	240	0	0.00	ng	-13.96
86) Perylene-d12	15.27	264	39482	20.00	ng	-0.09

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	108942	39.46	ng	-0.05
7) Phenol-d6	6.38	99	85681	22.65	ng	-0.06
23) Nitrobenzene-d5	7.32	82	307994	1352.20	ng	-0.06
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	12.85	244	420725	0.00	ng	-0.06

Target Compounds						Qvalue
2) 1,4-Dioxane	2.32	88	16064	12.27	ng	# 84
3) Pyridine	3.01	79	48088	12.95	ng	# 85
4) n-Nitrosodimethylamine	2.93	42	34151	18.01	ng	84
6) Aniline	6.41	93	92303	16.61	ng	91
8) 2-Chlorophenol	6.53	128	91107	28.52	ng	91
9) Benzaldehyde	6.29	77	73257	28.72	ng	96
10) Phenol	6.40	94	36957	8.23	ng	# 67
11) bis(2-Chloroethyl)ether	6.49	93	71851	21.44	ng	92
12) 1,3-Dichlorobenzene	6.69	146	114769	33.85	ng	97
13) 1,4-Dichlorobenzene	6.77	146	115814	32.87	ng	97
14) 1,2-Dichlorobenzene	6.92	146	111427	34.98	ng	98
15) Benzyl Alcohol	6.90	79	86636	27.98	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.04	45	270923	40.18	ng	98
17) 2-Methylphenol	7.01	107	60574	22.21	ng	# 87
18) Hexachloroethane	7.26	117	83350	61.75	ng	99
19) n-Nitroso-di-n-propylamine	7.17	70	103546	37.44	ng	88
20) 3+4-Methylphenols	7.17	107	73021	21.32	ng	# 84
22) Acetophenone	7.16	105	190632	722.11	ng	95
24) Nitrobenzene	7.16	77	183229	781.31	ng	# 49
25) Isophorone	7.58	82	273159	623.60	ng	97
26) 2-Nitrophenol	7.58	139	4097	41.52	ng	# 62
27) 2,4-Dimethylphenol	7.70	122	91060	492.90	ng	88
28) bis(2-Chloroethoxy)methane	7.80	93	168522	640.85	ng	97
29) 2,4-Dichlorophenol	7.90	162	82389	542.70	ng	90
30) 1,2,4-Trichlorobenzene	7.98	180	99133	597.43	ng	98
31) Naphthalene	8.06	128	986185	1660.62	ng	97
32) Benzoic acid	7.80	122	24245	219.21	ng	87
33) 4-Chloroaniline	8.11	127	115410	478.18	ng	95
34) Hexachlorobutadiene	8.18	225	54483	551.81	ng	96
35) Caprolactam	8.11	113	438	8.02	ng	# 1
36) 4-Chloro-3-methylphenol	8.60	107	91407	493.43	ng	90
37) 2-Methylnaphthalene	8.75	142	523089	1383.73	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	94424	109.75	ng	# 97
40) Hexachlorocyclopentadiene	8.91	237	105026	223.71	ng	98

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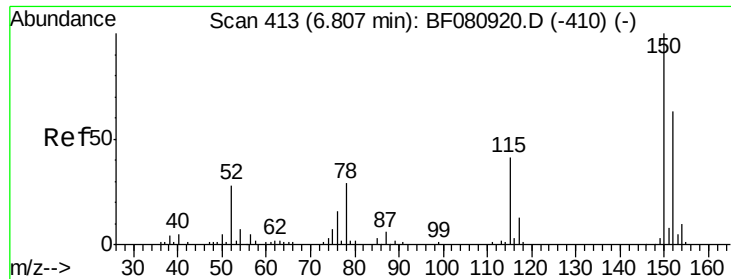
Instrument :
 BNA_F
 ClientSampleId :
 S-A(2)MSD

Quant Time: Aug 14 00:38:57 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	9.04	196	60792	95.67	nq	# 85
46) 2-Chloronaphthalene	9.04	162	6107	3.27	nq	# 69
47) 2-Nitroaniline	9.04	65	3165	4.23	nq	# 31
48) Acenaphthylene	9.38	152	12179	3.75	nq	# 1
49) Dimethylphthalate	9.24	163	26049	11.24	nq	# 1
50) 2,6-Dinitrotoluene	9.30	165	2448	5.11	nq	# 26
51) Acenaphthene	9.45	154	13153	6.62	nq	# 1
52) 3-Nitroaniline	9.47	138	2962	5.02	nq	# 1
54) Dibenzofuran	9.78	168	12779	4.75	nq	# 62
55) 4-Nitrophenol	9.56	139	8016	18.14	nq	# 88
56) 2,4-Dinitrotoluene	9.79	165	14728	22.98	nq	# 26
57) Fluorene	10.08	166	15325	7.37	nq	# 11
59) Diethylphthalate	9.82	149	6378	2.64	nq	# 1
61) 4-Nitroaniline	10.00	138	7565	12.45	nq	# 32
62) Azobenzene	10.21	77	14428	5.35	nq	# 1
64) 4,6-Dinitro-2-methylphenol	10.08	198	3338	469.58	nq	# 96
65) n-Nitrosodiphenylamine	10.19	169	7733	194.05	nq	# 46
66) 4-Bromophenyl-phenylether	10.58	248	6046	497.68	nq	# 1
71) Anthracene	11.29	178	300806	4678.09	nq	# 99
72) Carbazole	11.08	167	39171	625.69	nq	# 75
74) Fluoranthene	12.01	202	217	3.09	nq	# 64
87) Benzo(b)fluoranthene	14.91	252	293497	106.90	nq	# 98
88) Benzo(k)fluoranthene	14.91	252	293497	122.20	nq	# 99
89) Benzo(a)pyrene	15.22	252	120557	51.09	nq	# 100
90) Dibenzo(a,h)anthracene	16.60	278	71518	34.27	nq	# 99
91) Benzo(q,h,i)perylene	16.98	276	75471	37.18	nq	# 94

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

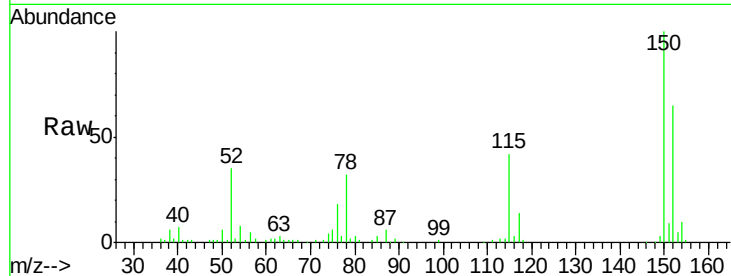


#1

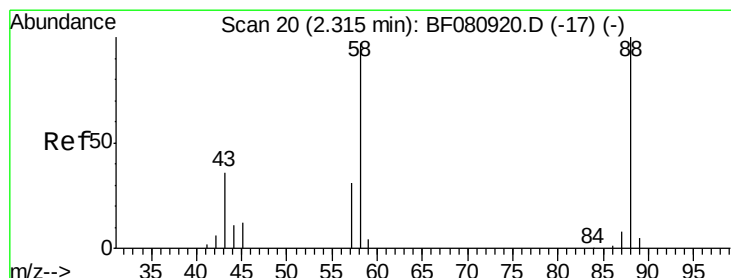
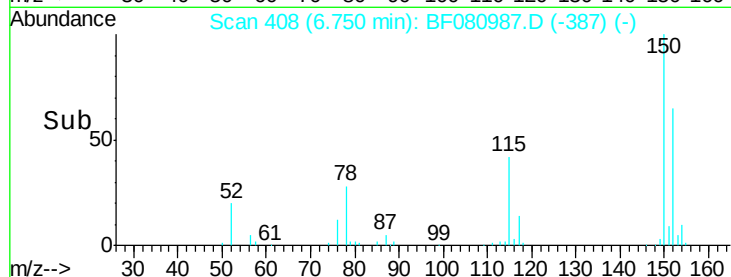
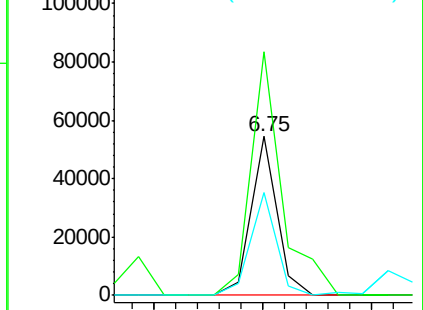
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.06 min
Lab File: BF080987.D
Acq: 13 Aug 2015 18:35

Instrument :
BNA_F
ClientSampled :
S-A(2)MSD

Tot Ion:152 Resp: 45111
Ion Ratio Lower Upper
152 100
150 153.4 127.4 191.2
115 65.0 52.6 78.8



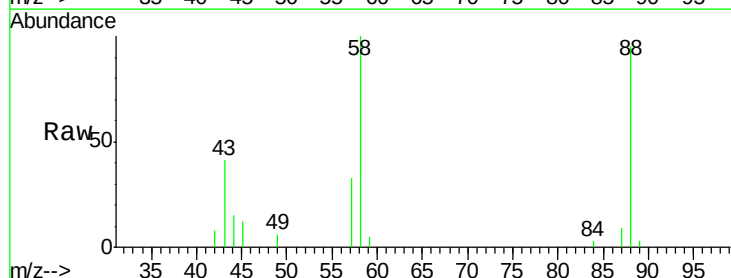
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



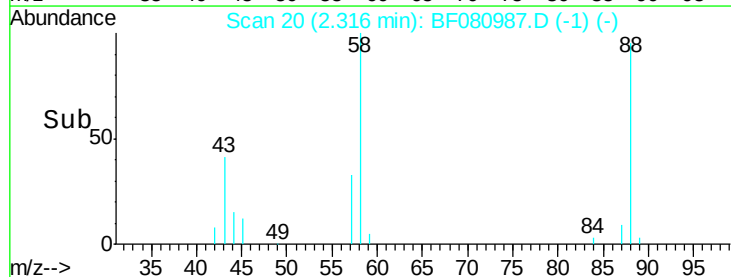
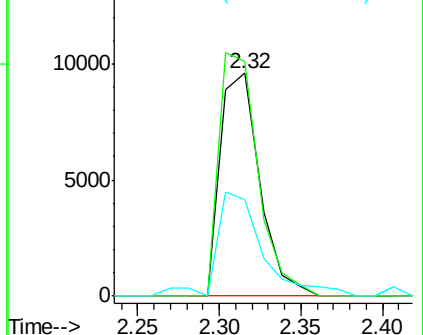
#2

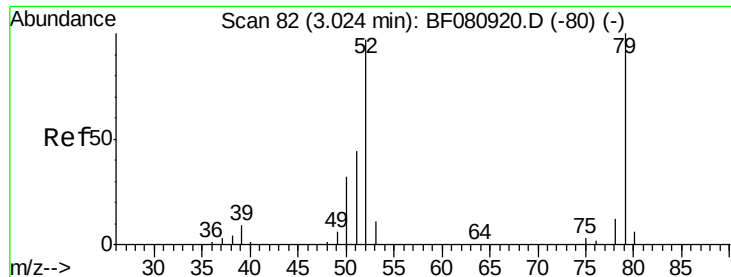
1,4-Dioxane
Concen: 12.27 ng
RT: 2.32 min Scan# 20
Delta R.T. 0.00 min
Lab File: BF080987.D
Acq: 13 Aug 2015 18:35

Tgt Ion: 88 Resp: 16064
Ion Ratio Lower Upper
88 100
58 108.1 79.3 118.9
43 54.9 28.3 42.5#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 12.95 ng

RT: 3.01 min Scan# 81

Delta R.T. -0.01 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

Instrument :

BNA_F

ClientSampleId :

S-A(2)MSD

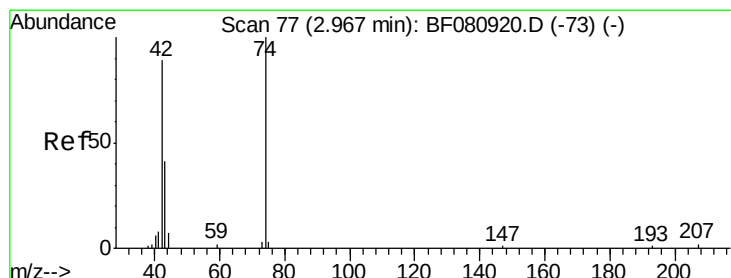
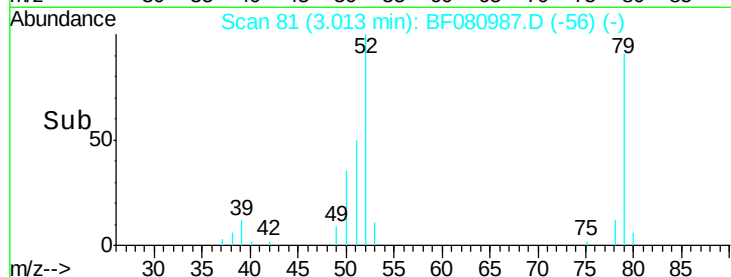
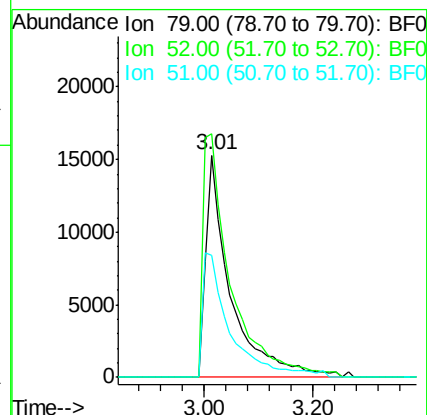
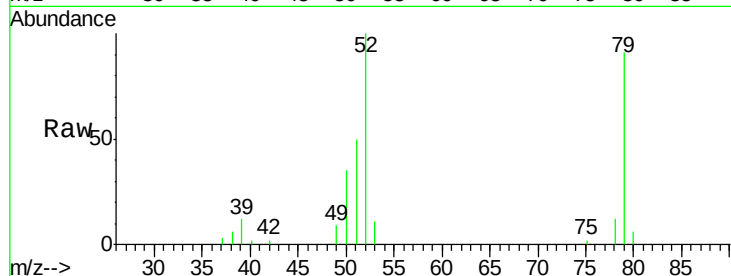
Tot Ion: 79 Resp: 48088

Ion Ratio Lower Upper

79 100

52 109.7 77.2 115.8

51 55.2 35.0 52.4#



#4

n-Nitrosodimethylamine

Concen: 18.01 ng

RT: 2.93 min Scan# 74

Delta R.T. -0.03 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

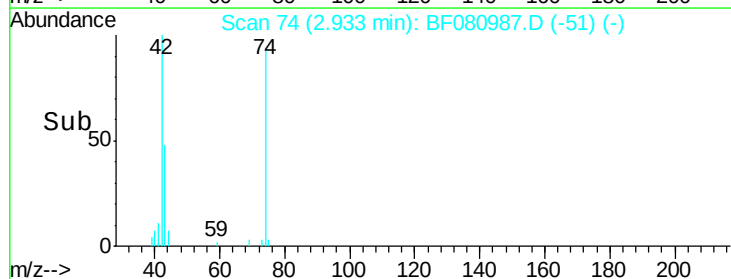
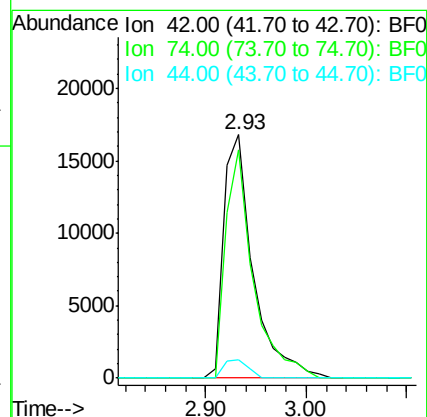
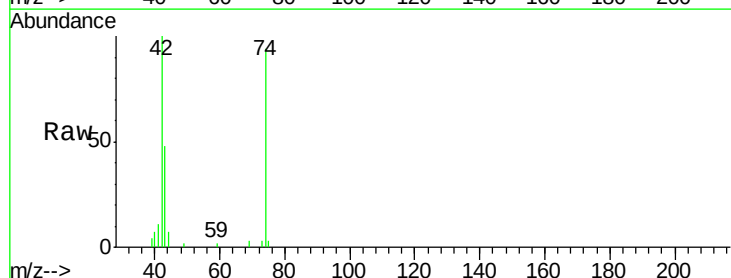
Tgt Ion: 42 Resp: 34151

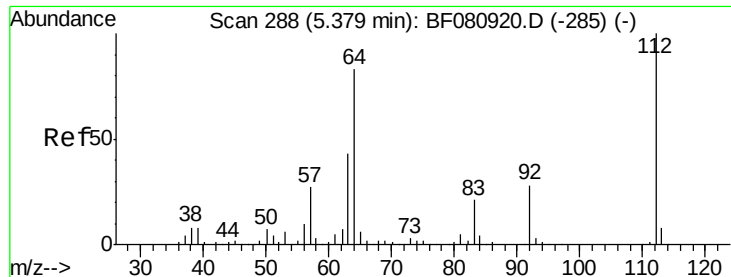
Ion Ratio Lower Upper

42 100

74 93.6 89.8 134.8

44 7.3 6.5 9.7





#5

2-Fluorophenol

Concen: 39.46 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.05 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

Instrument :

BNA_F

ClientSampleId :

S-A(2)MSD

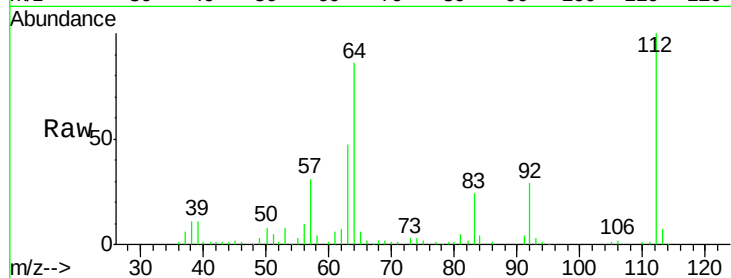
Tot Ion:112 Resp: 108942

Ion Ratio Lower Upper

112 100

64 85.6 66.1 99.1

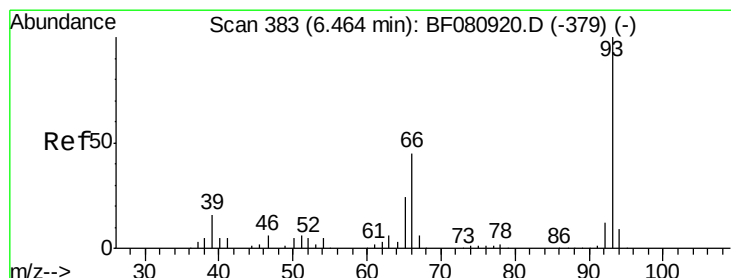
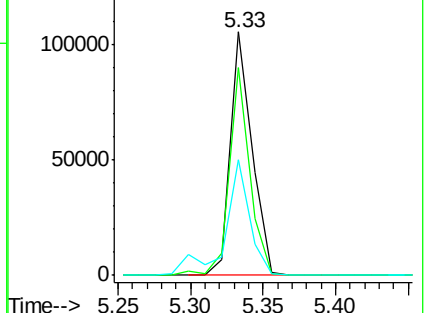
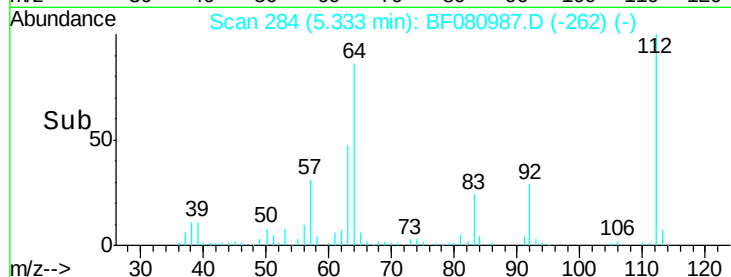
63 47.3 34.6 52.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.61 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.06 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

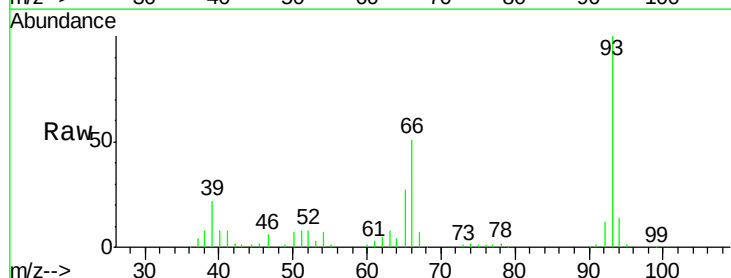
Tgt Ion: 93 Resp: 92303

Ion Ratio Lower Upper

93 100

66 51.2 36.2 54.4

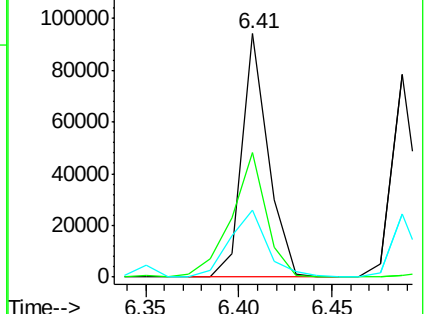
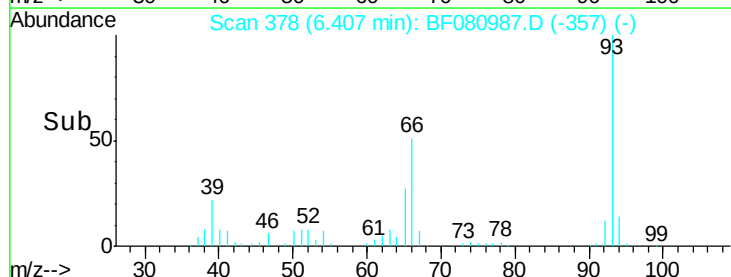
65 27.5 19.0 28.4

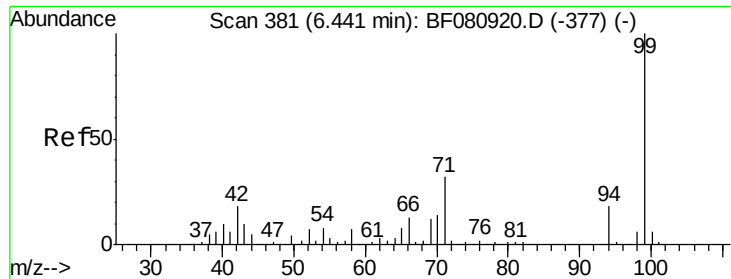


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 22.65 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.06 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

Instrument :

BNA_F

ClientSampleId :

S-A(2)MSD

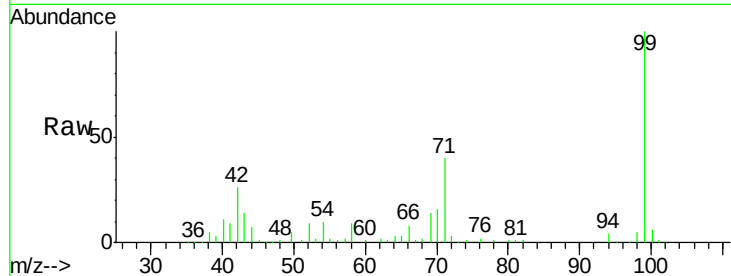
Tot Ion: 99 Resp: 85681

Ion Ratio Lower Upper

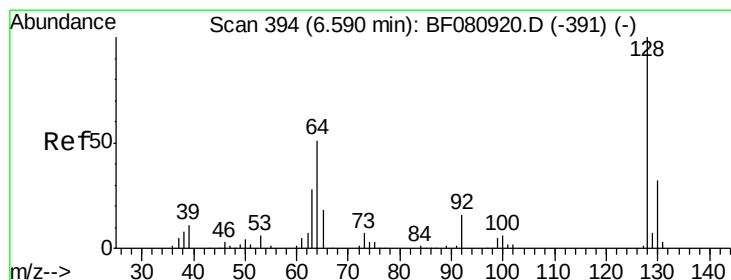
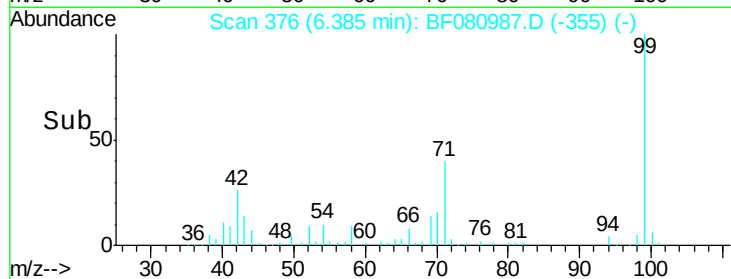
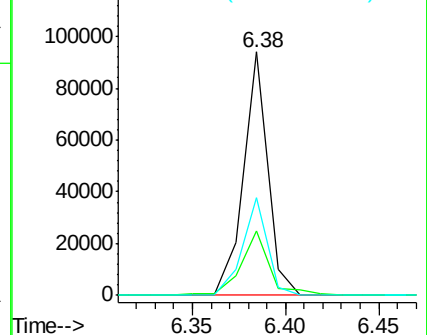
99 100

42 26.3 14.4 21.6#

71 40.3 25.8 38.8#



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: 28.52 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.06 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

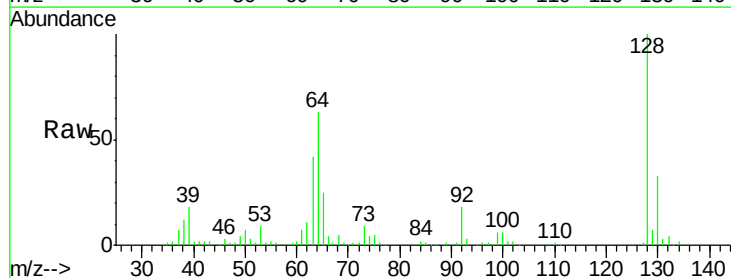
Tgt Ion: 128 Resp: 91107

Ion Ratio Lower Upper

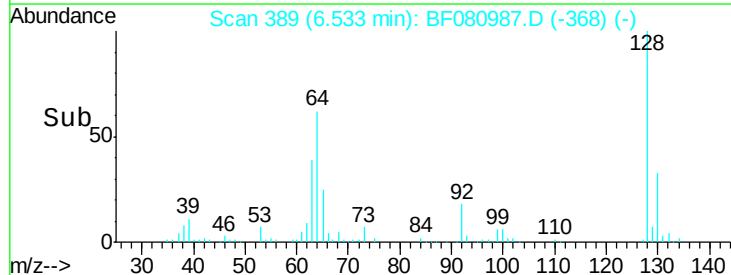
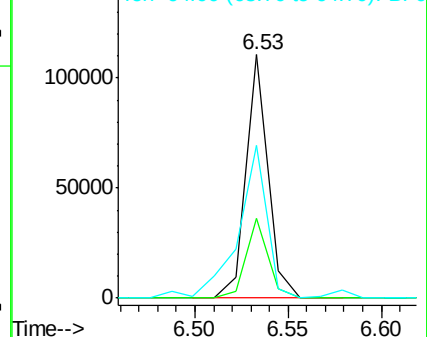
128 100

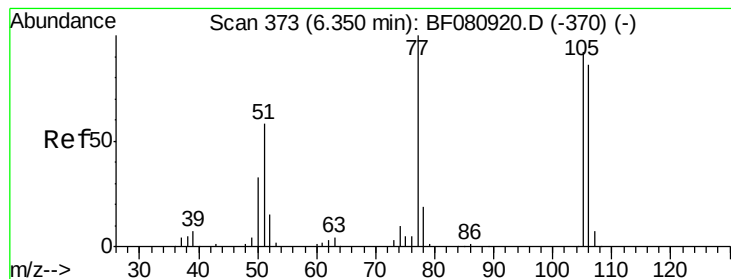
130 32.6 12.4 52.4

64 62.5 32.1 72.1



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: 28.72 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.06 min

Lab File: BF080987.D

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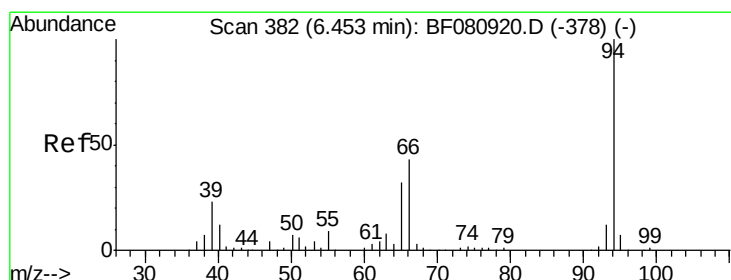
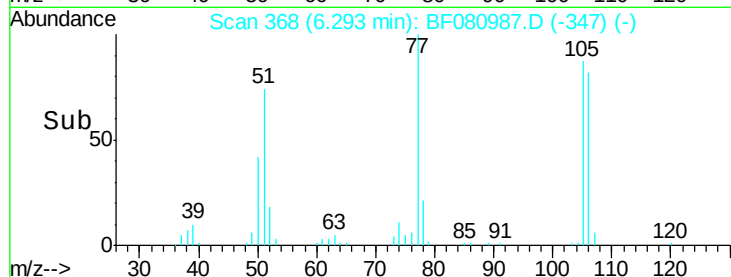
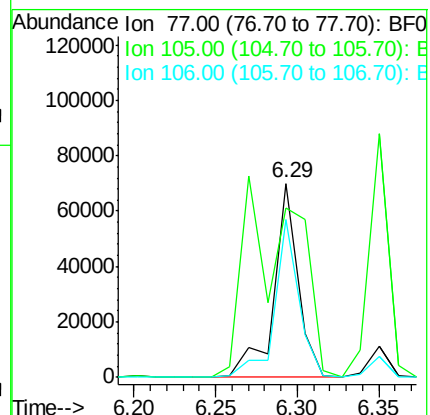
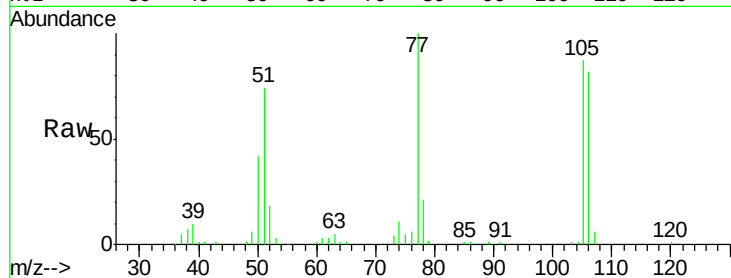
Tot Ion: 77 Resp: 73257

Ion Ratio Lower Upper

77 100

105 87.4 71.6 111.6

106 81.6 65.7 105.7



#10

Phenol

Concen: 8.23 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.06 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

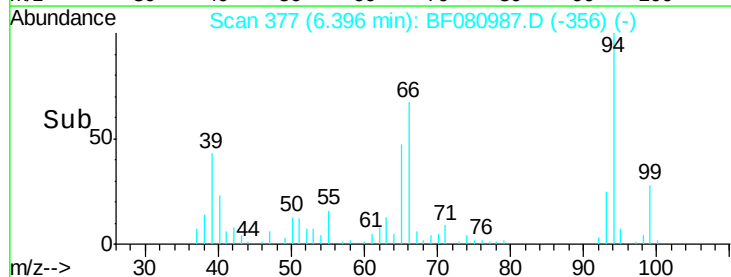
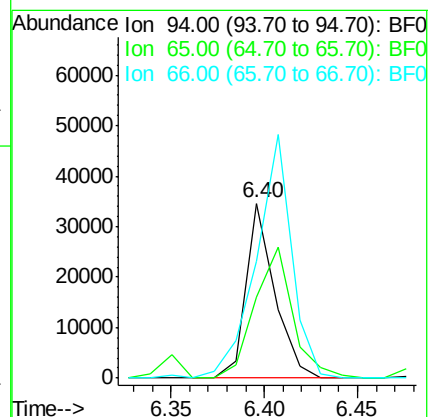
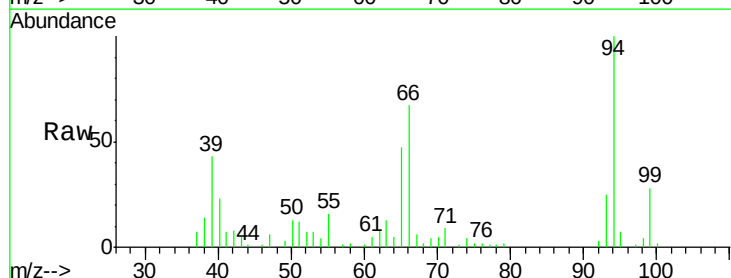
Tgt Ion: 94 Resp: 36957

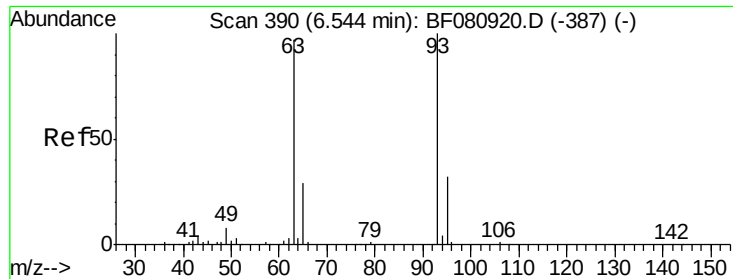
Ion Ratio Lower Upper

94 100

65 46.5 11.8 51.8

66 66.7 22.9 62.9#





#11

bis(2-Chloroethyl)ether

Concen: 21.44 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.06 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

Instrument :

BNA_F

ClientSampleId :

S-A(2)MSD

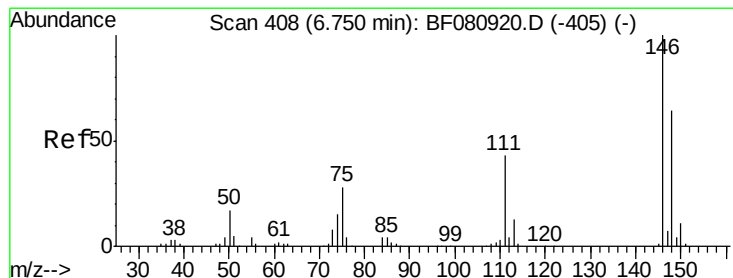
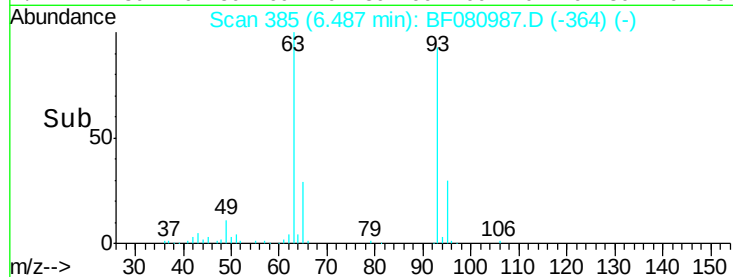
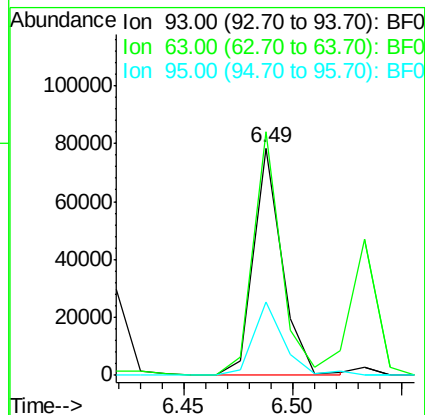
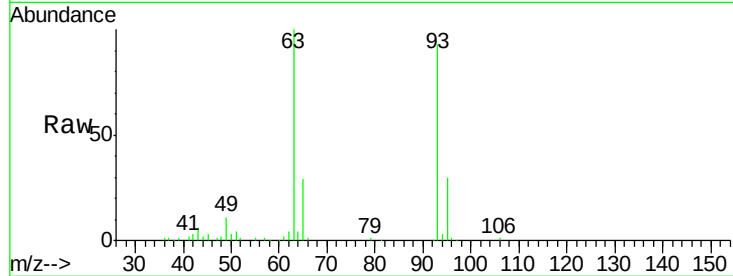
Tot Ion: 93 Resp: 71851

Ion Ratio Lower Upper

93 100

63 107.3 76.7 116.7

95 32.3 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 33.85 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.06 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

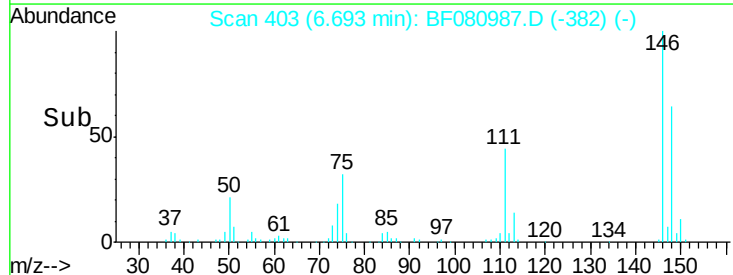
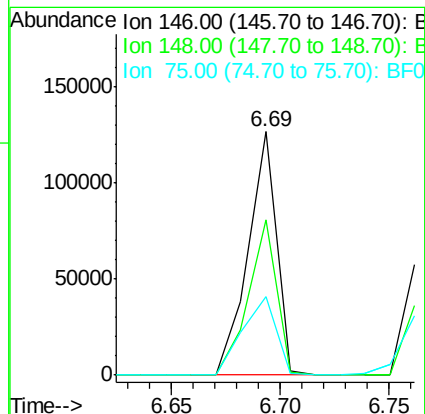
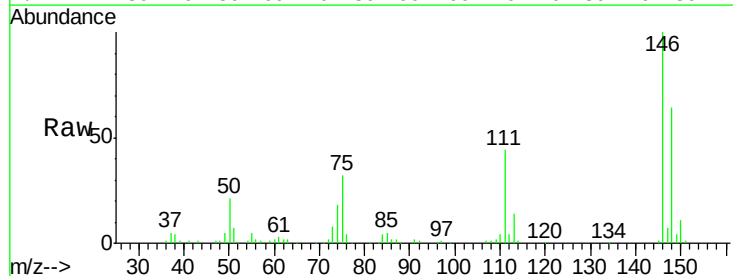
Tgt Ion: 146 Resp: 114769

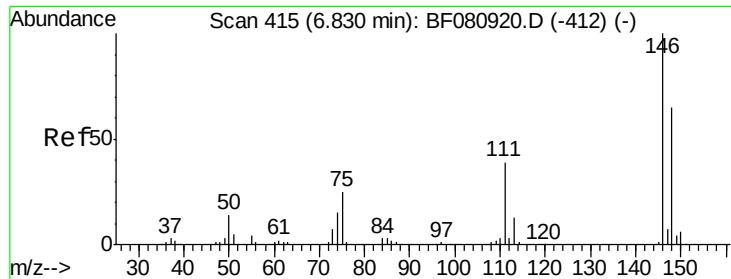
Ion Ratio Lower Upper

146 100

148 63.8 51.4 77.0

75 32.3 22.2 33.4

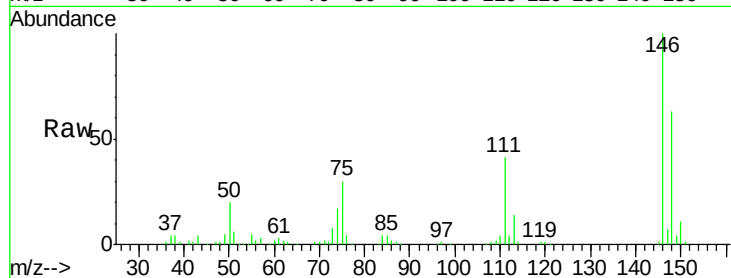




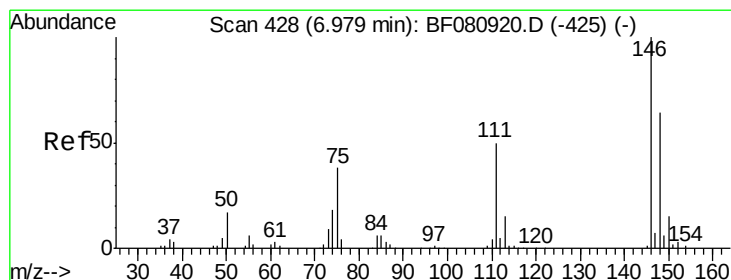
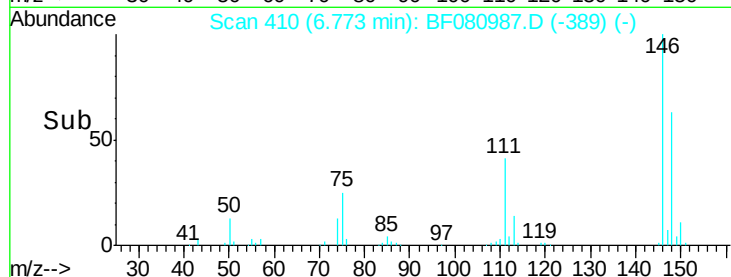
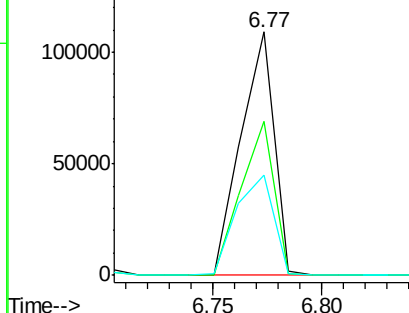
#13
 1,4-Dichlorobenzene
 Concen: 32.87 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.06 min
 Lab File: BF080987.D
 Acq: 13 Aug 2015 18:35

Instrument :
 BNA_F
 ClientSampled :
 S-A(2)MSD

Tot Ion:146 Resp: 115814
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.2 78.4
 111 41.4 31.5 47.3

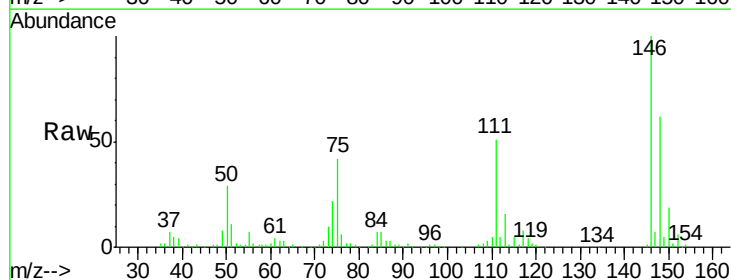


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

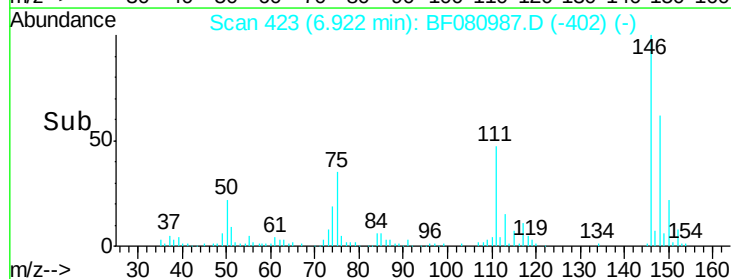
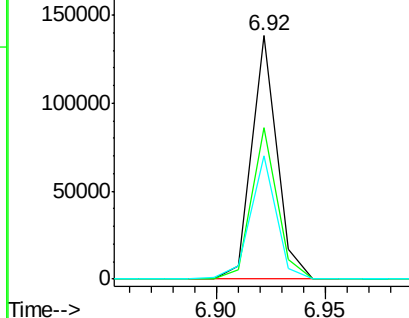


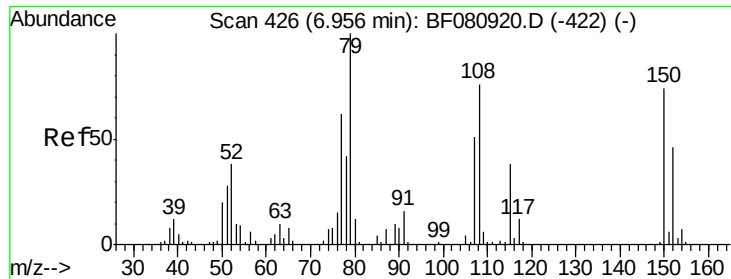
#14
 1,2-Dichlorobenzene
 Concen: 34.98 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.06 min
 Lab File: BF080987.D
 Acq: 13 Aug 2015 18:35

Tgt Ion:146 Resp: 111427
 Ion Ratio Lower Upper
 146 100
 148 62.2 51.1 76.7
 111 50.8 40.0 60.0



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

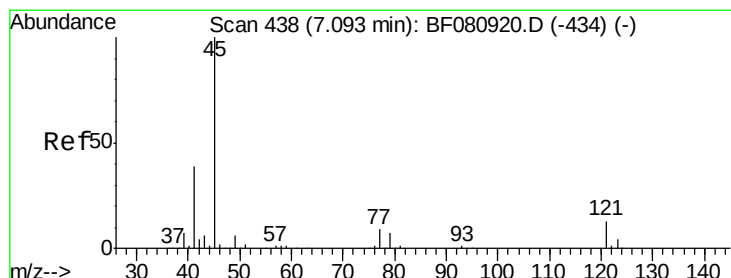
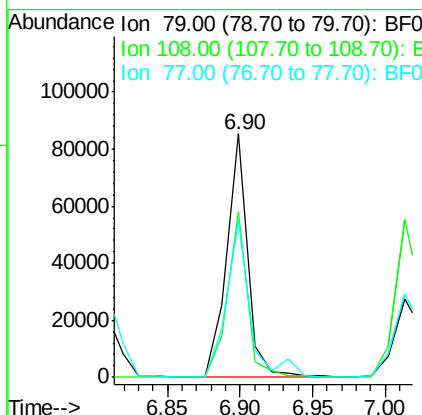
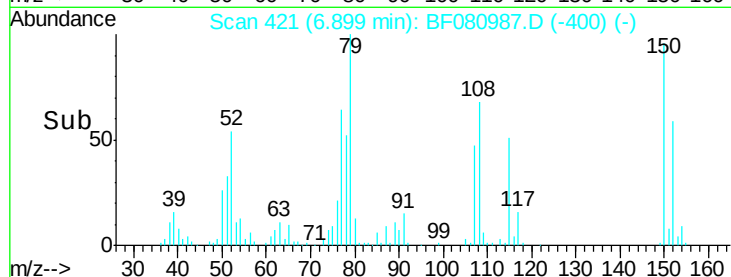
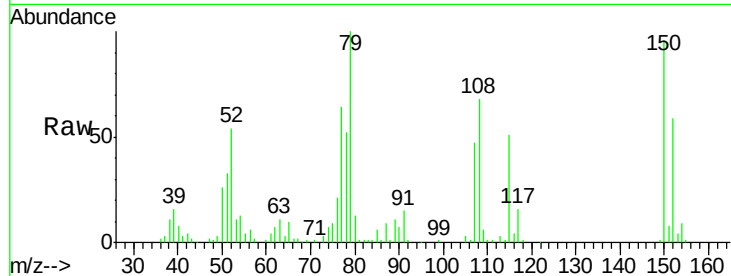




#15
Benzyl Alcohol
Concen: 27.98 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.06 min
Lab File: BF080987.D
Acq: 13 Aug 2015 18:35

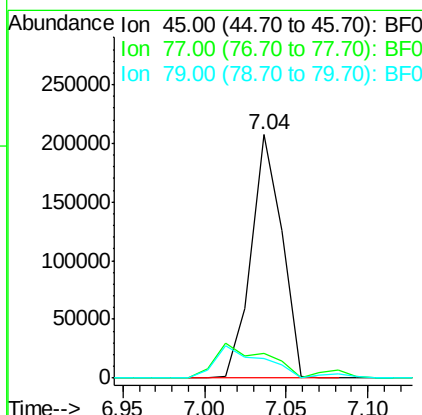
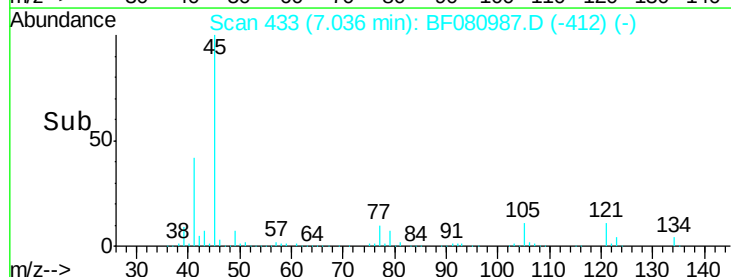
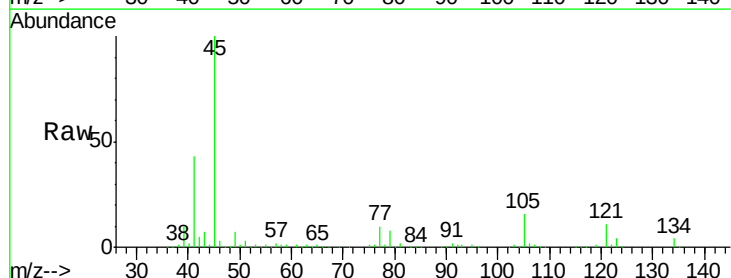
Instrument :
BNA_F
ClientSampleId :
S-A(2)MSD

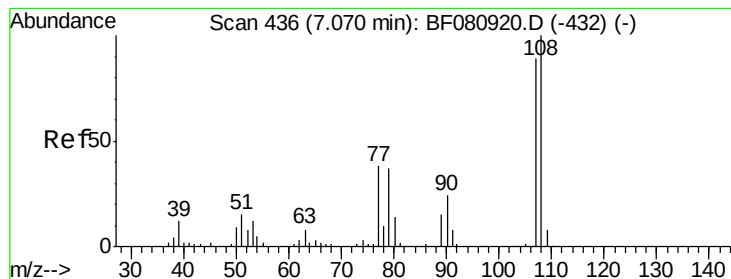
Tot Ion: 79 Resp: 86636
Ion Ratio Lower Upper
79 100
108 68.0 60.9 91.3
77 64.3 49.4 74.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.18 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.06 min
Lab File: BF080987.D
Acq: 13 Aug 2015 18:35

Tgt Ion: 45 Resp: 270923
Ion Ratio Lower Upper
45 100
77 10.4 0.0 29.6
79 8.0 0.0 27.7





#17

2-Methylphenol

Concen: 22.21 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.06 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

Instrument :

BNA_F

ClientSampleId :

S-A(2)MSD

Tot Ion:107 Resp: 60574

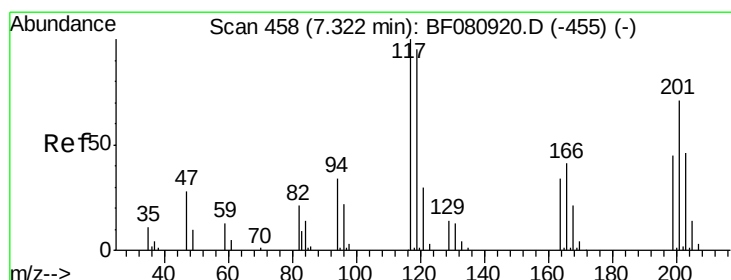
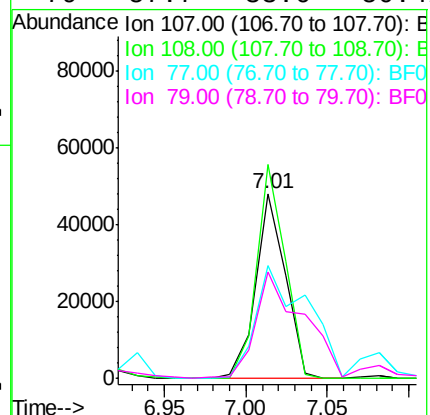
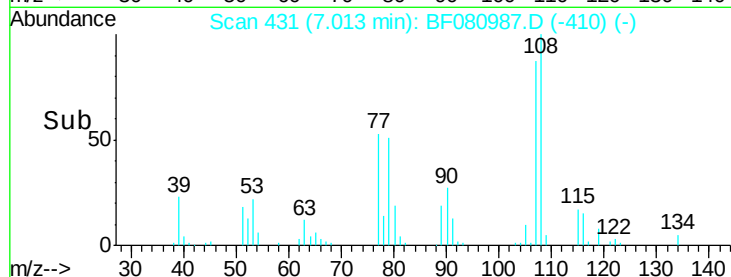
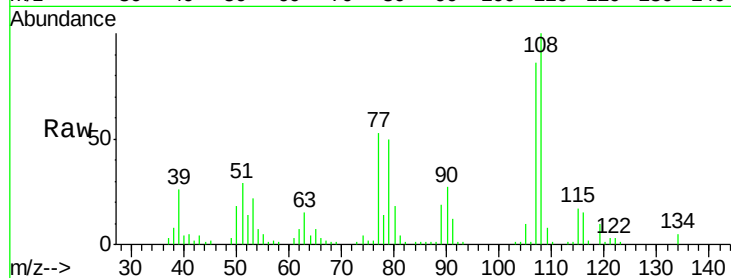
Ion Ratio Lower Upper

107 100

108 115.7 90.3 135.5

77 61.0 34.6 51.8#

79 57.7 33.6 50.4#



#18

Hexachloroethane

Concen: 61.75 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.06 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

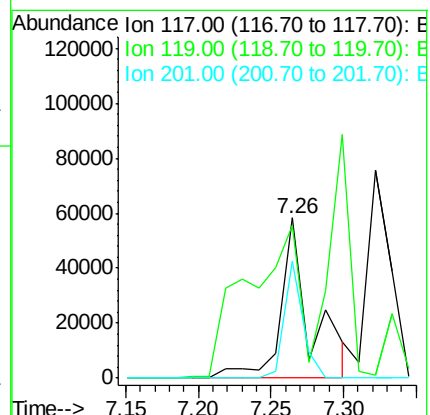
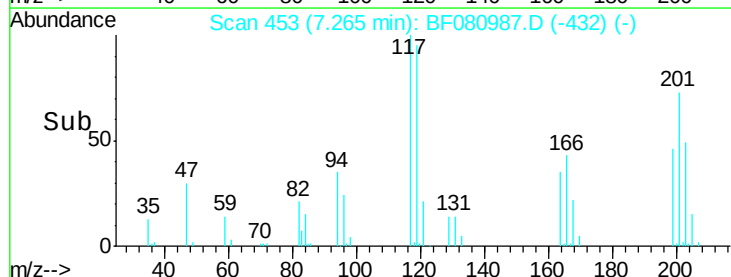
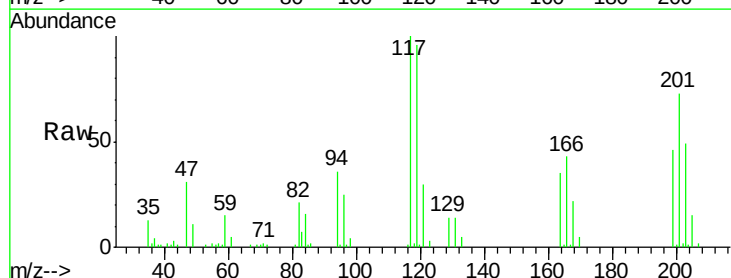
Tgt Ion:117 Resp: 83350

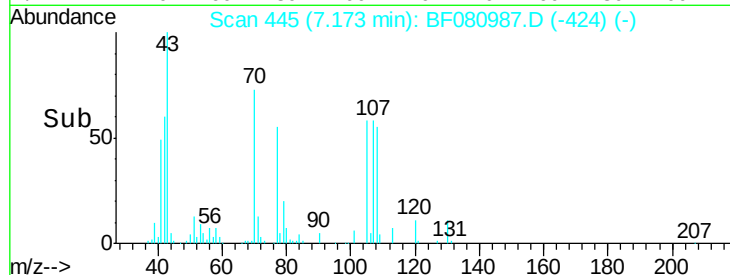
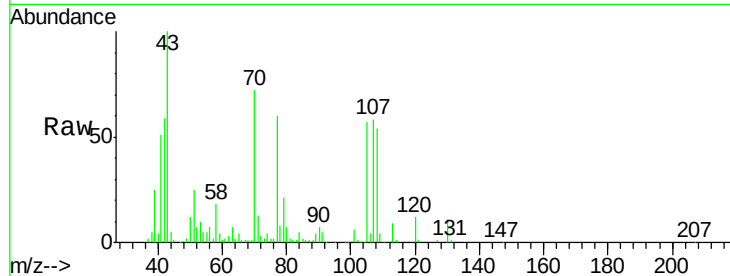
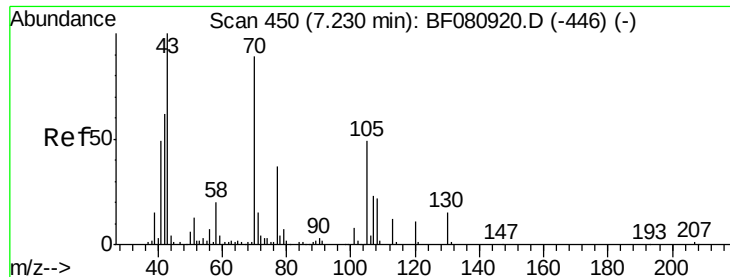
Ion Ratio Lower Upper

117 100

119 95.5 76.3 114.5

201 72.6 57.0 85.6

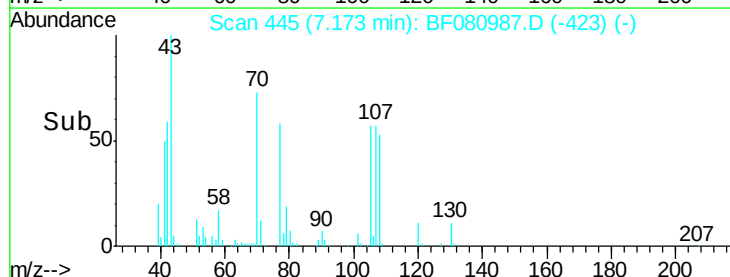
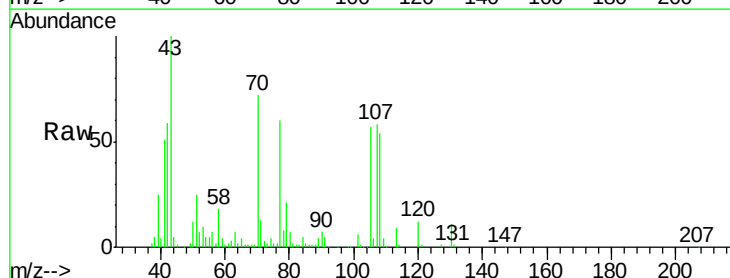
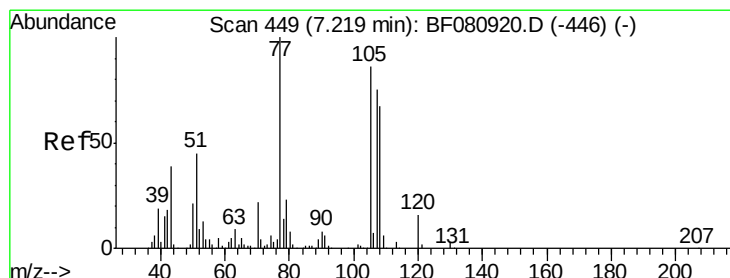
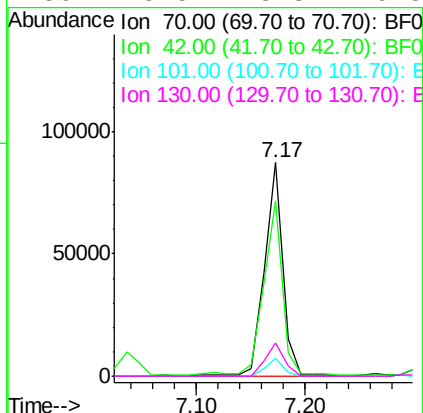




#19
n-Nitroso-di-n-propylamine
Concen: 37.44 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.06 min
Lab File: BF080987.D
Acq: 13 Aug 2015 18:35

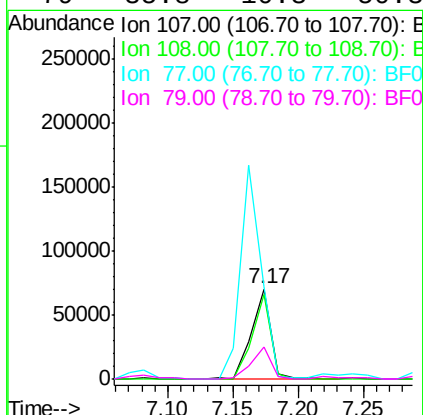
Instrument :
BNA_F
ClientSampleId :
S-A(2)MSD

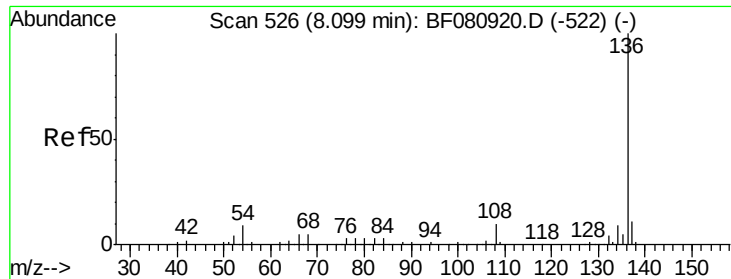
Tot Ion: 70 Resp: 103546
Ion Ratio Lower Upper
70 100
42 82.0 55.7 83.5
101 8.4 7.0 10.6
130 15.5 13.8 20.8



#20
3+4-Methylphenols
Concen: 21.32 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.05 min
Lab File: BF080987.D
Acq: 13 Aug 2015 18:35

Tgt Ion:107 Resp: 73021
Ion Ratio Lower Upper
107 100
108 93.8 69.2 109.2
77 102.7 113.0 153.0#
79 35.8 10.3 50.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.23 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

Instrument :

BNA_F

ClientSampleId :

S-A(2)MSD

Tot Ion:136 Resp: 10774

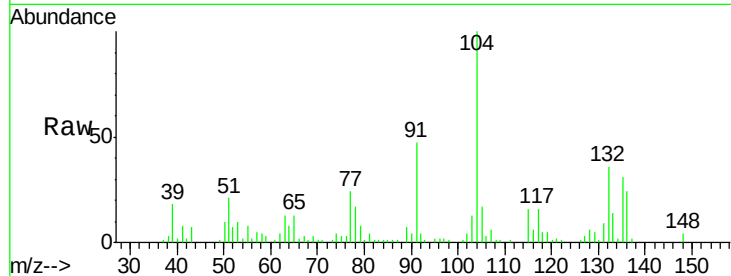
Ion Ratio Lower Upper

136 100

137 9.5 8.5 12.7

54 9.4 7.1 10.7

68 5.4 3.8 5.8

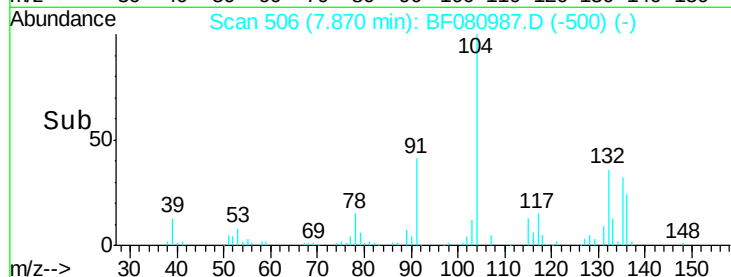


Abundance Ion 136.00 (135.70 to 136.70): E

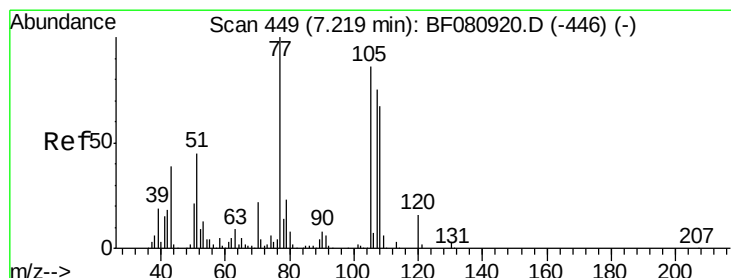
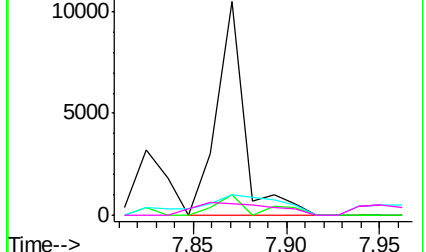
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 722.11 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.06 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

Tgt Ion:105 Resp: 190632

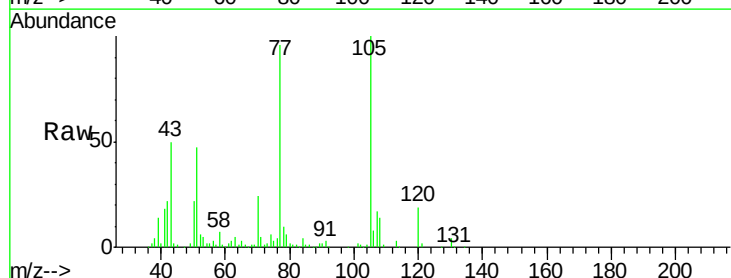
Ion Ratio Lower Upper

105 100

71 4.8 3.3 4.9

51 47.1 41.8 62.6

120 19.1 15.1 22.7

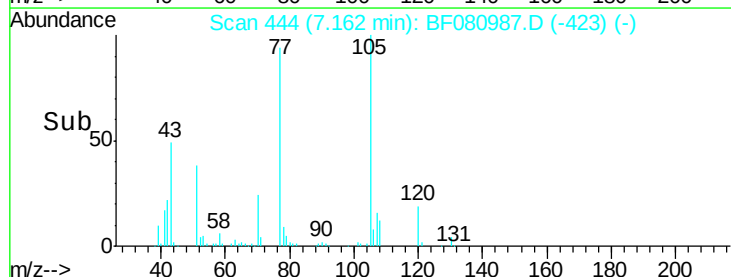


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

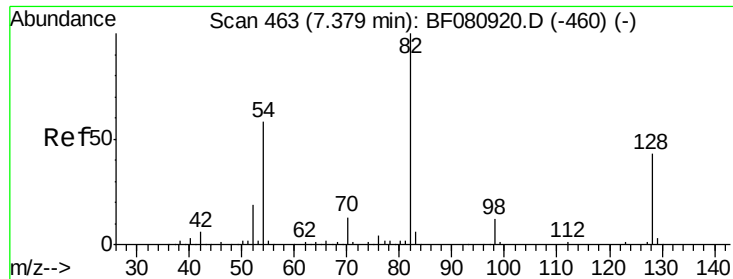
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

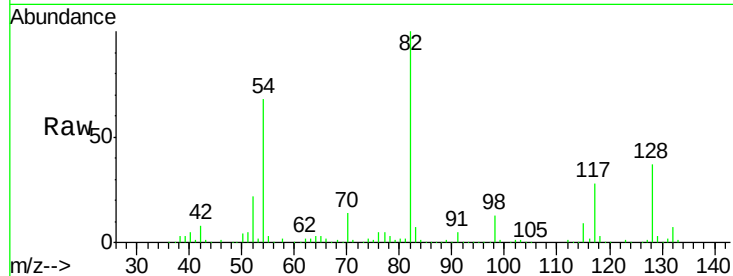




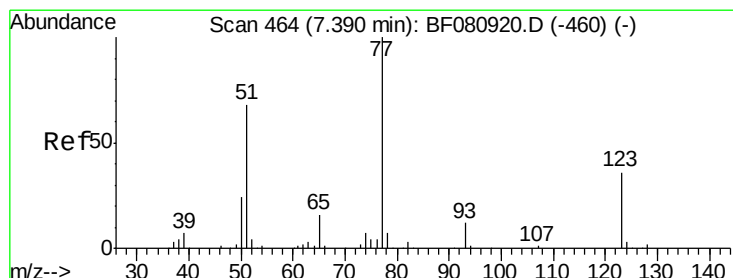
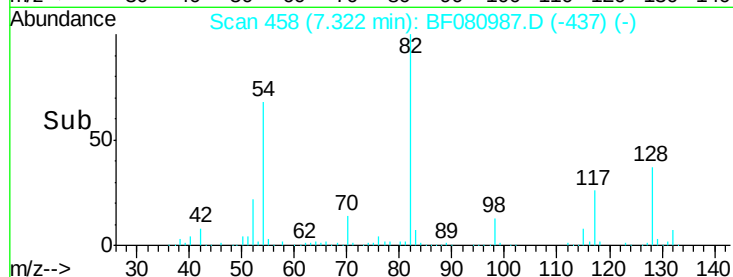
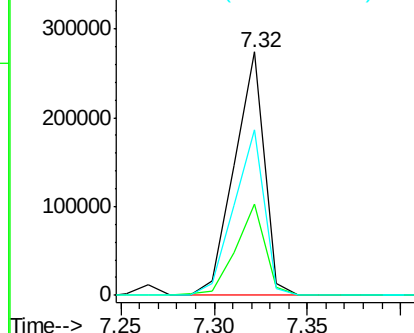
#23
 Nitrobenzene-d5
 Concen: 1352.20 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.06 min
 Lab File: BF080987.D
 Acq: 13 Aug 2015 18:35

Instrument :
 BNA_F
 ClientSampleId :
 S-A(2)MSD

Tot Ion	82	Resp	307994
Ion Ratio	Lower	Upper	
82	100		
128	37.5	34.1	51.1
54	68.2	46.5	69.7

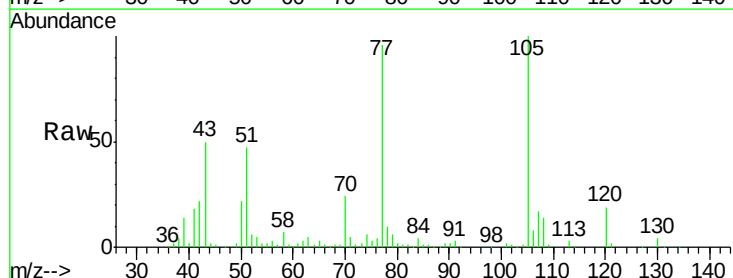


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

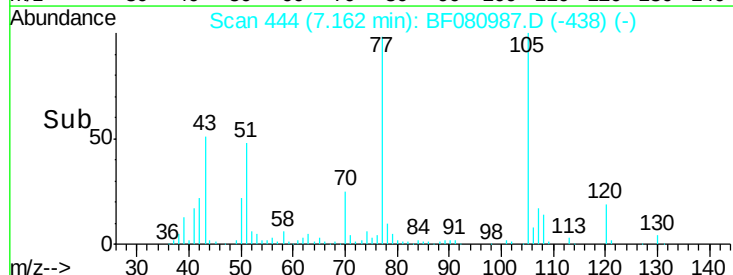
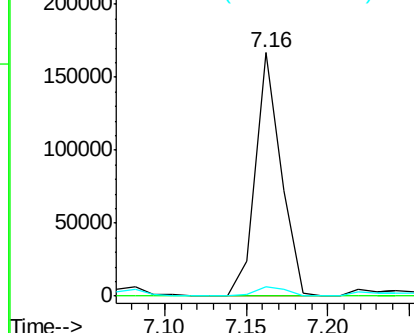


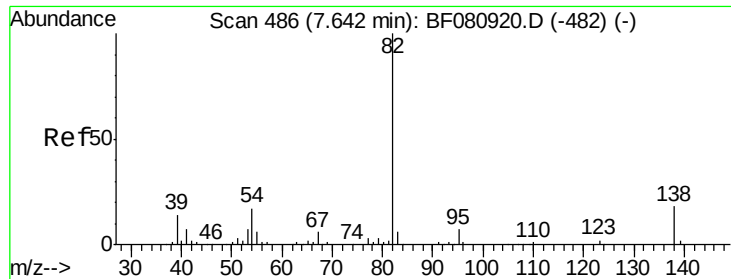
#24
 Nitrobenzene
 Concen: 781.31 ng
 RT: 7.16 min Scan# 444
 Delta R.T. -0.23 min
 Lab File: BF080987.D
 Acq: 13 Aug 2015 18:35

Tgt Ion	77	Resp	183229
Ion Ratio	Lower	Upper	
77	100		
123	0.0	28.7	43.1#
65	3.6	12.5	18.7#



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





#25

Isophorone

Concen: 623.60 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.06 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

Instrument :

BNA_F

ClientSampleId :

S-A(2)MSD

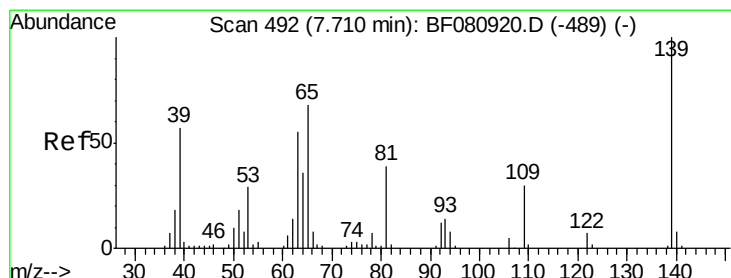
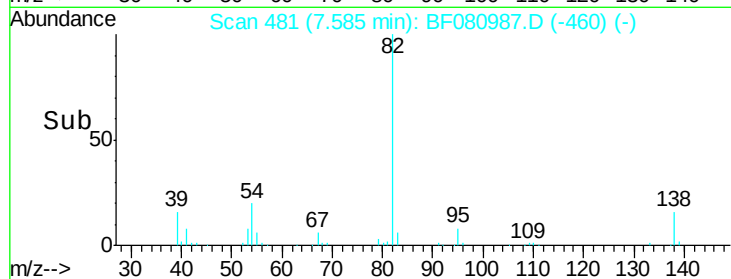
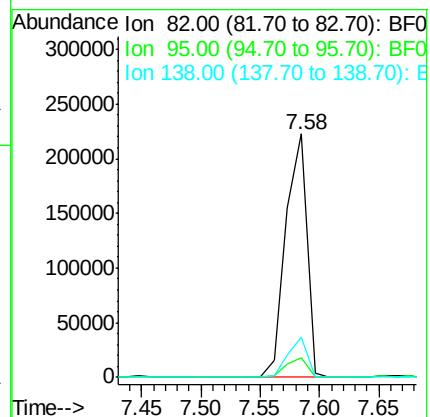
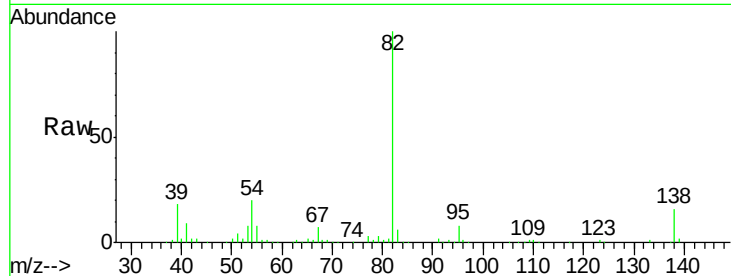
Tot Ion: 82 Resp: 273159

Ion Ratio Lower Upper

82 100

95 8.0 5.8 8.6

138 16.4 14.1 21.1



#26

2-Nitrophenol

Concen: 41.52 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.13 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

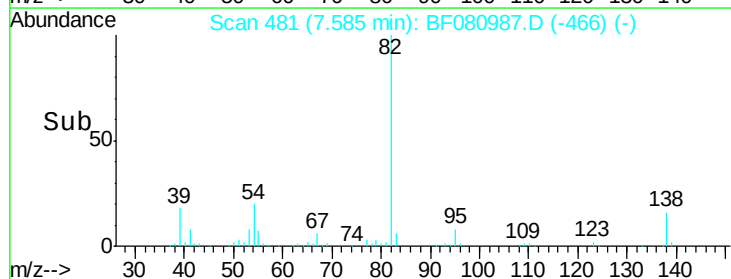
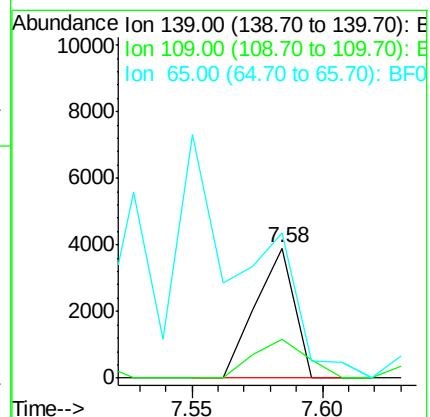
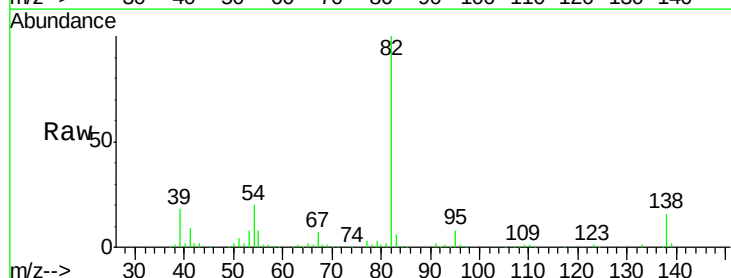
Tgt Ion: 139 Resp: 4097

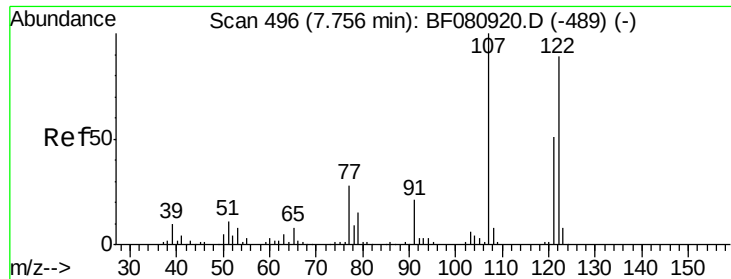
Ion Ratio Lower Upper

139 100

109 30.2 24.1 36.1

65 111.8 54.0 81.0#





#27

2,4-Dimethylphenol

Concen: 492.90 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.06 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

Instrument :

BNA_F

ClientSampleId :

S-A(2)MSD

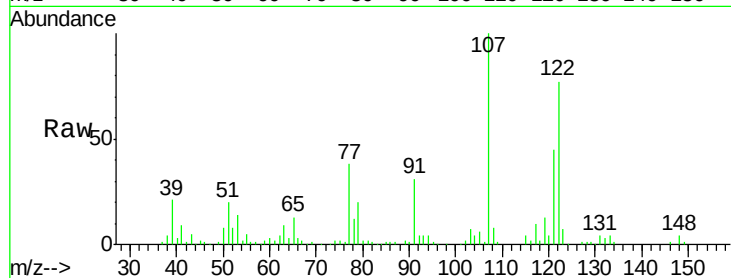
Tot Ion:122 Resp: 91060

Ion Ratio Lower Upper

122 100

107 130.4 90.2 135.4

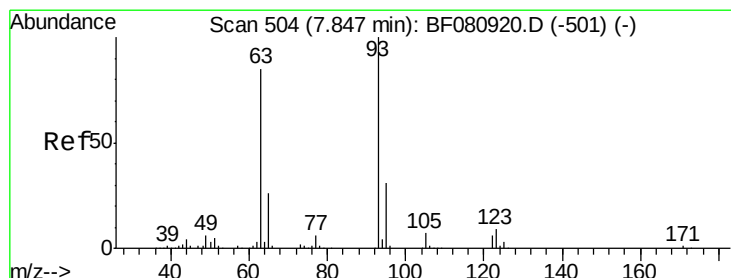
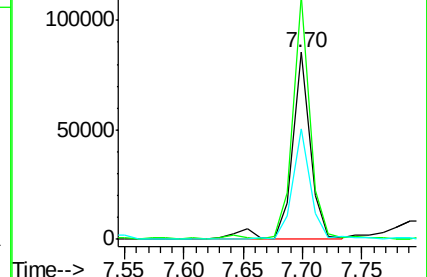
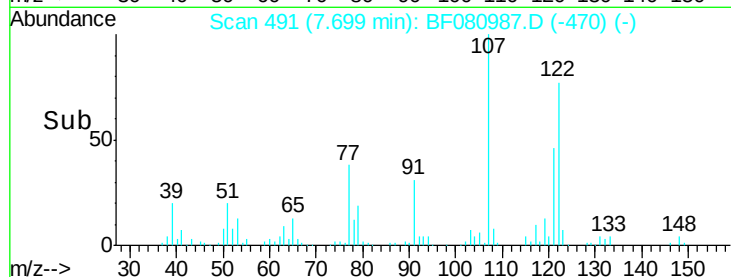
121 59.1 46.0 69.0



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: 640.85 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.05 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

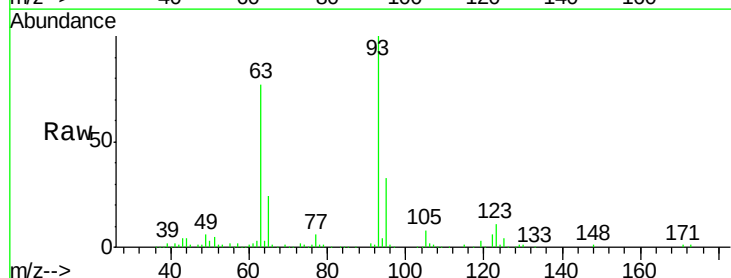
Tgt Ion: 93 Resp: 168522

Ion Ratio Lower Upper

93 100

95 32.7 25.0 37.4

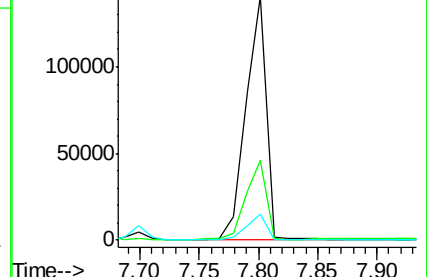
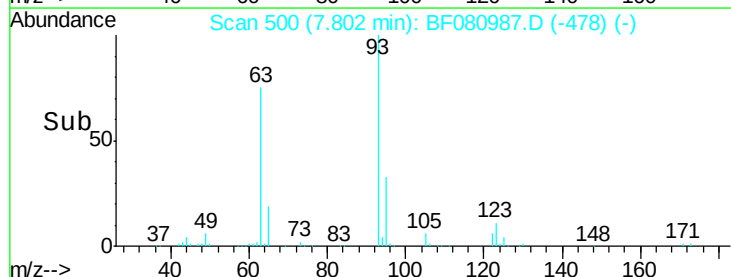
123 10.6 7.4 11.0

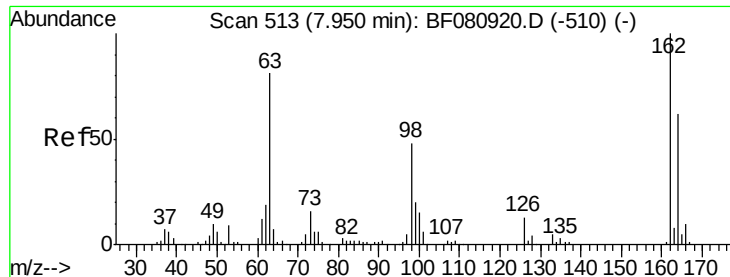


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

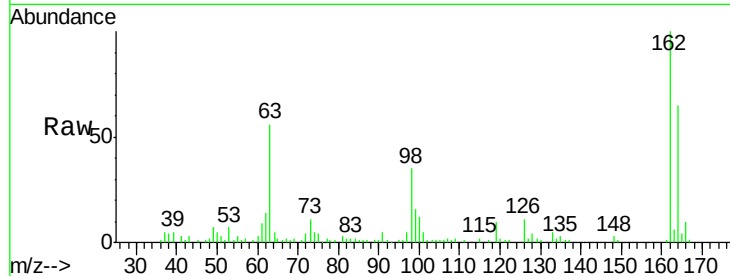




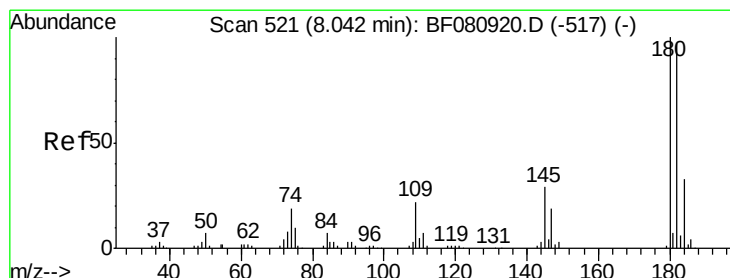
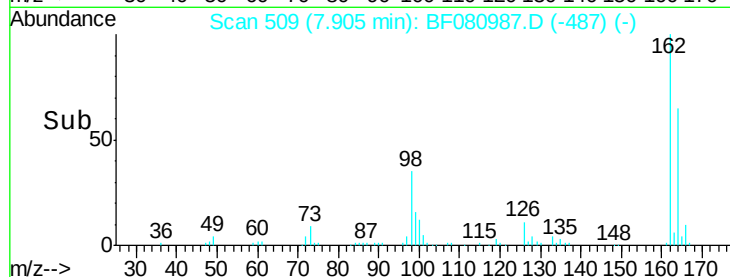
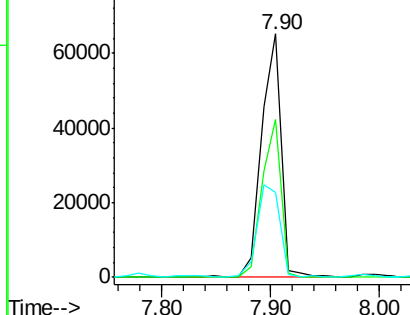
#29
 2,4-Dichlorophenol
 Concen: 542.70 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.05 min
 Lab File: BF080987.D
 Acq: 13 Aug 2015 18:35

Instrument :
 BNA_F
 ClientSampleId :
 S-A(2)MSD

Tot Ion:162 Resp: 82389
 Ion Ratio Lower Upper
 162 100
 164 64.7 42.3 82.3
 98 35.1 27.7 67.7

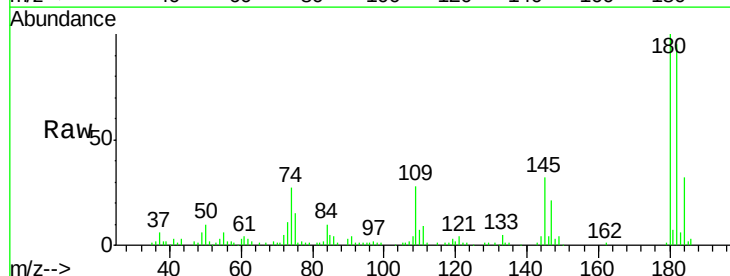


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

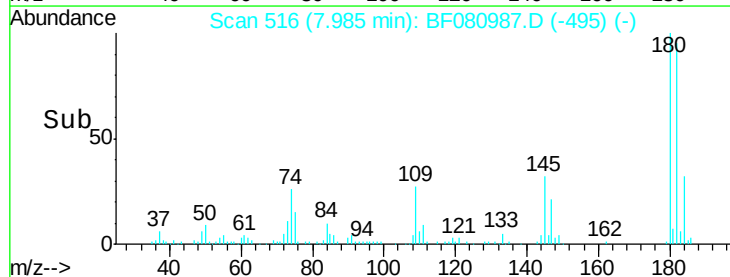
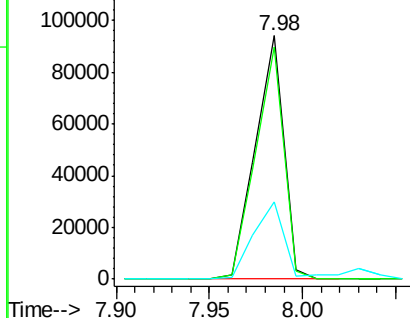


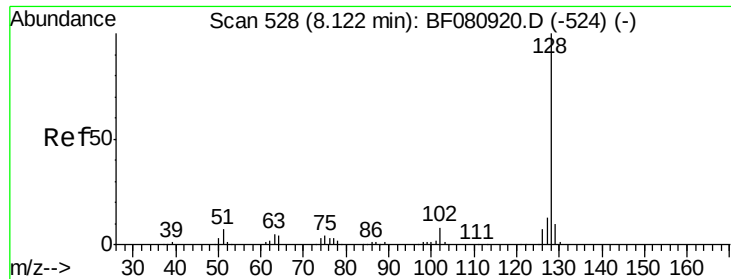
#30
 1,2,4-Trichlorobenzene
 Concen: 597.43 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.06 min
 Lab File: BF080987.D
 Acq: 13 Aug 2015 18:35

Tgt Ion:180 Resp: 99133
 Ion Ratio Lower Upper
 180 100
 182 95.4 77.4 116.0
 145 31.8 23.2 34.8



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

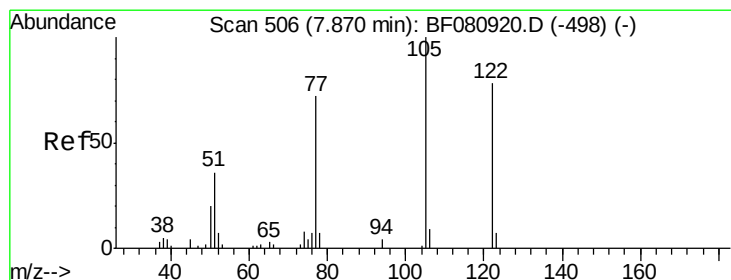
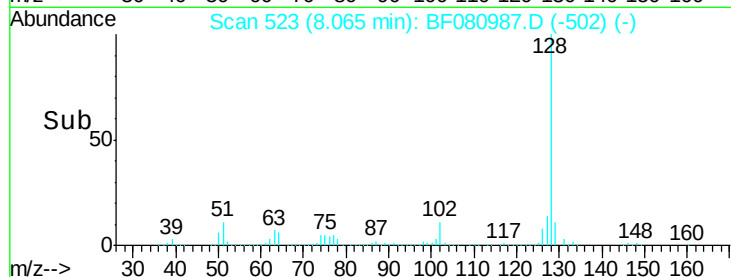
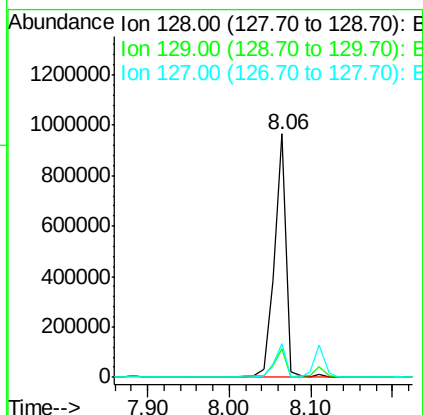
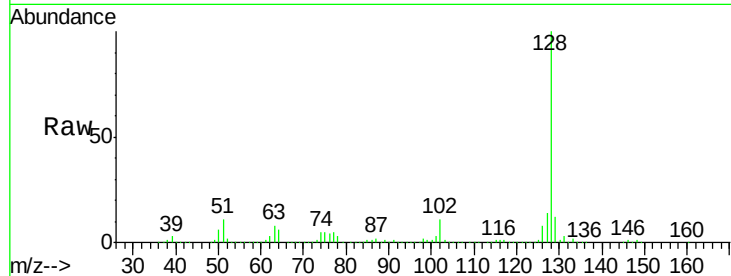




#31
Naphthalene
Concen: 1660.62 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.06 min
Lab File: BF080987.D
Acq: 13 Aug 2015 18:35

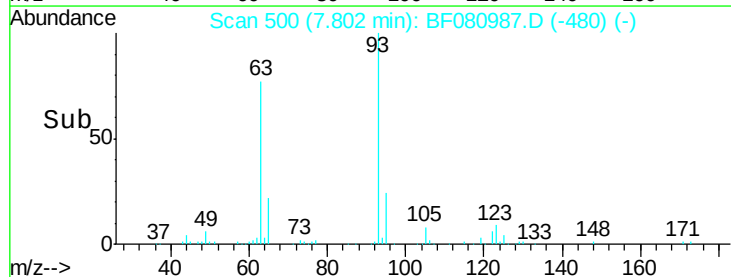
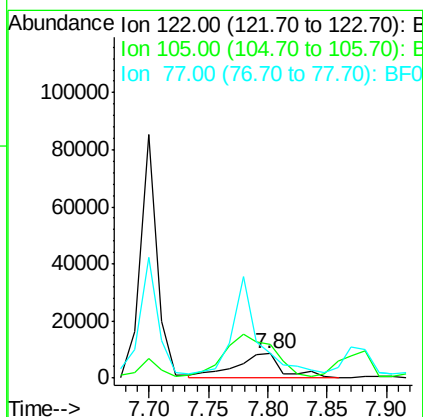
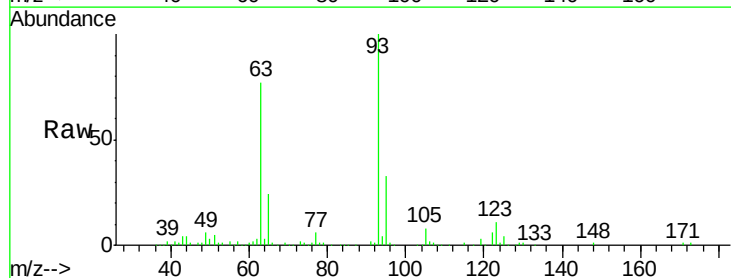
Instrument :
BNA_F
ClientSampleId :
S-A(2)MSD

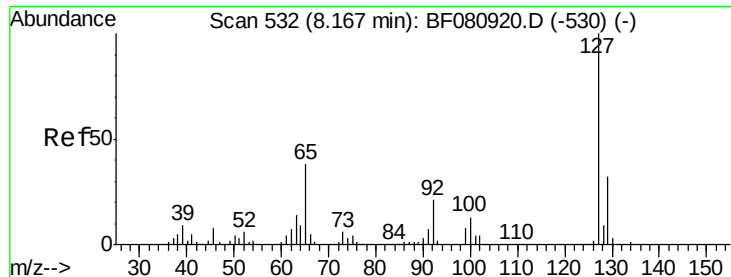
Tot Ion:128 Resp: 986185
Ion Ratio Lower Upper
128 100
129 12.0 8.4 12.6
127 13.8 10.5 15.7



#32
Benzoic acid
Concen: 219.21 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.07 min
Lab File: BF080987.D
Acq: 13 Aug 2015 18:35

Tgt Ion:122 Resp: 24245
Ion Ratio Lower Upper
122 100
105 138.6 103.6 143.6
77 102.5 70.4 110.4

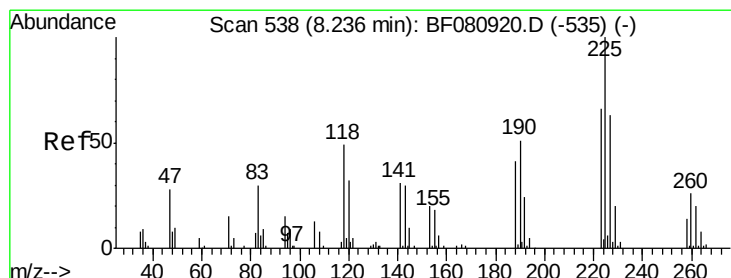
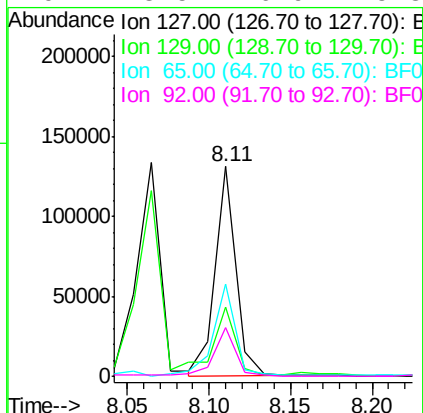
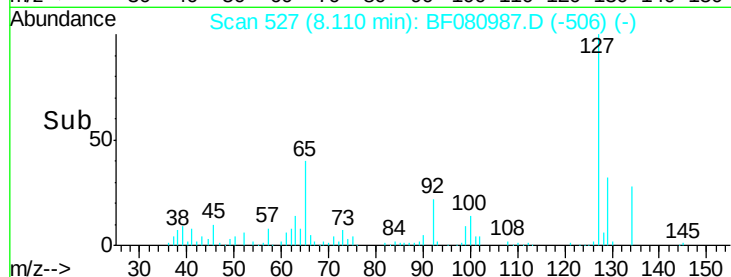
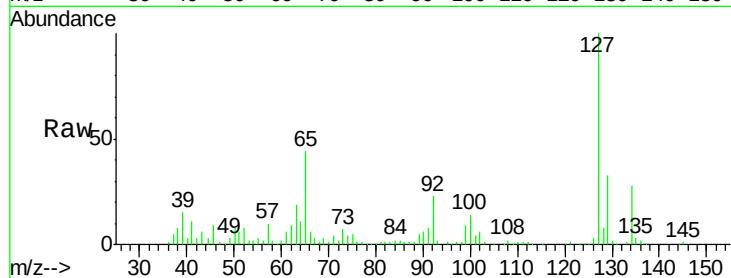




#33
4-Chloroaniline
Concen: 478.18 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.06 min
Lab File: BF080987.D
Acq: 13 Aug 2015 18:35

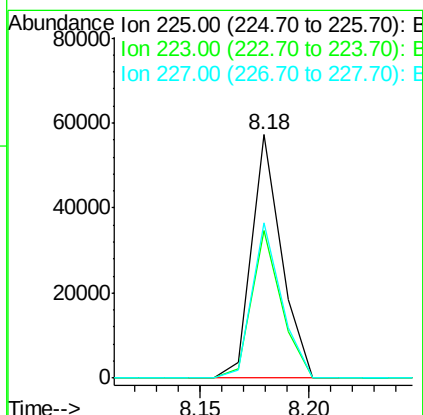
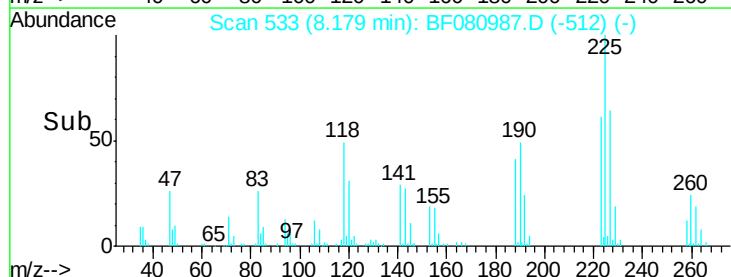
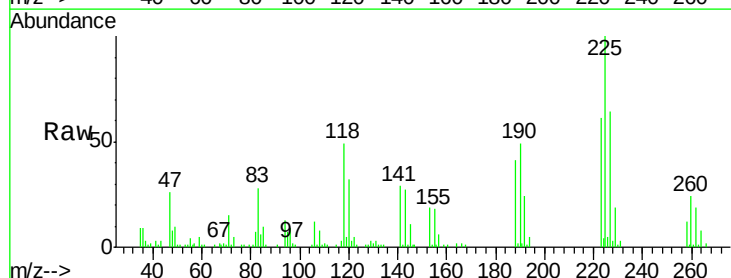
Instrument :
BNA_F
ClientSampleId :
S-A(2)MSD

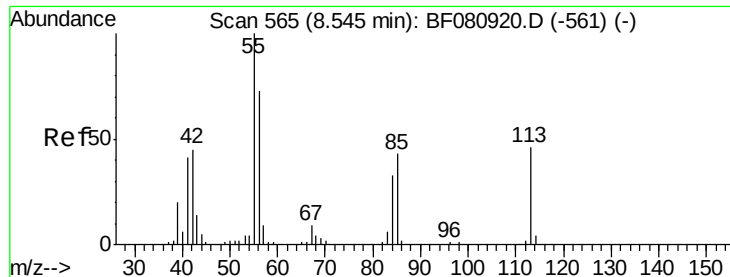
Tot Ion:	127	Resp:	115410
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	43.9	30.6	45.8
92	23.5	16.9	25.3



#34
Hexachlorobutadiene
Concen: 551.81 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.06 min
Lab File: BF080987.D
Acq: 13 Aug 2015 18:35

Tgt Ion:	225	Resp:	54483
Ion	Ratio	Lower	Upper
225	100		
223	60.8	52.5	78.7
227	63.7	50.3	75.5

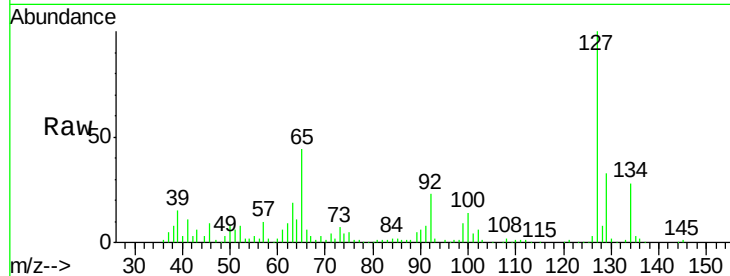




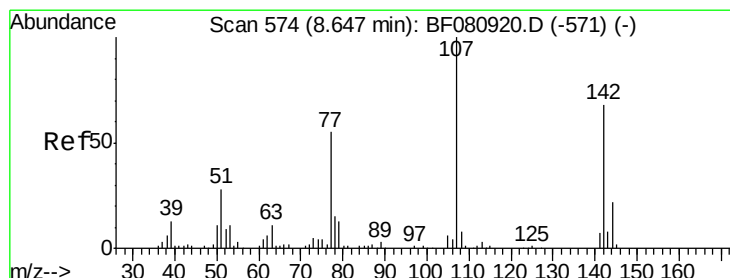
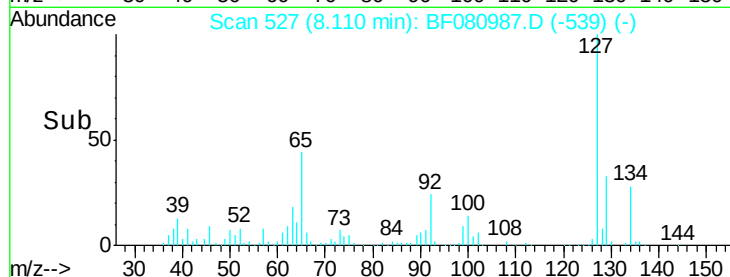
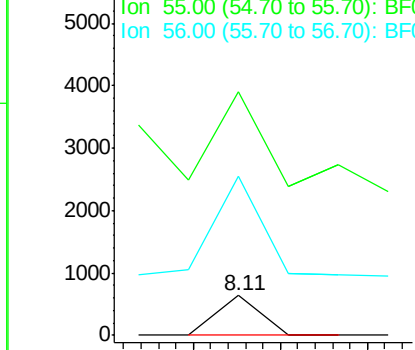
#35
 Caprolactam
 Concen: 8.02 ng
 RT: 8.11 min Scan# 527
 Delta R.T. -0.43 min
 Lab File: BF080987.D
 Acq: 13 Aug 2015 18:35

Instrument :
 BNA_F
 ClientSampled :
 S-A(2)MSD

Tot Ion:113 Resp: 438
 Ion Ratio Lower Upper
 113 100
 55 610.5 196.4 236.4#
 56 398.7 137.9 177.9#

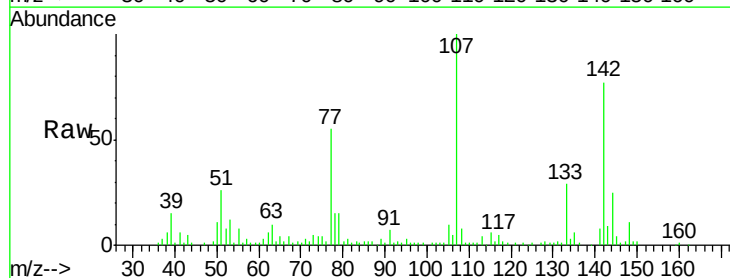


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

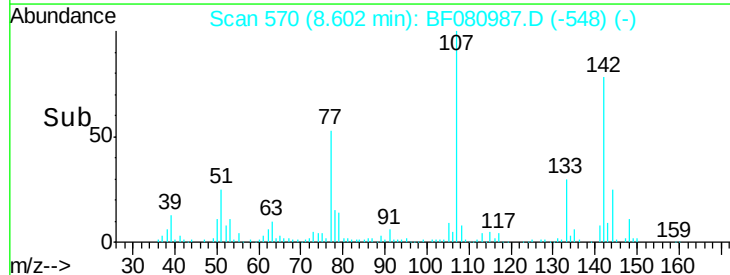
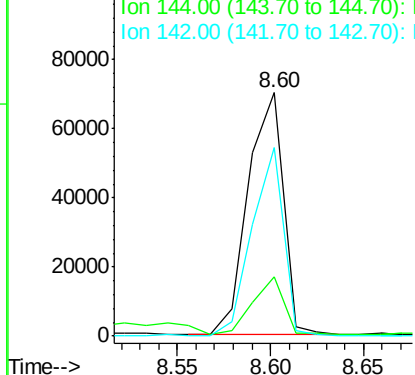


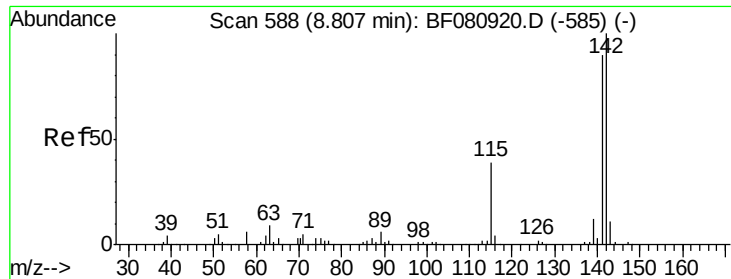
#36
 4-Chloro-3-methylphenol
 Concen: 493.43 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.05 min
 Lab File: BF080987.D
 Acq: 13 Aug 2015 18:35

Tgt Ion:107 Resp: 91407
 Ion Ratio Lower Upper
 107 100
 144 24.6 17.3 25.9
 142 77.2 54.4 81.6



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

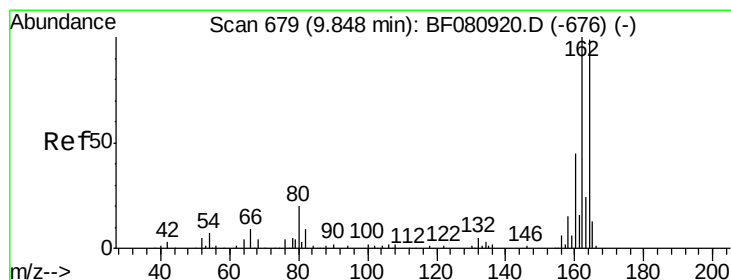
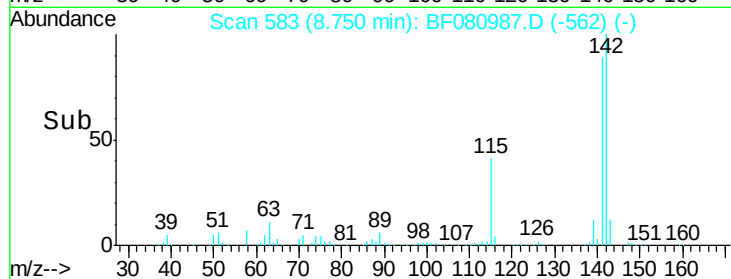
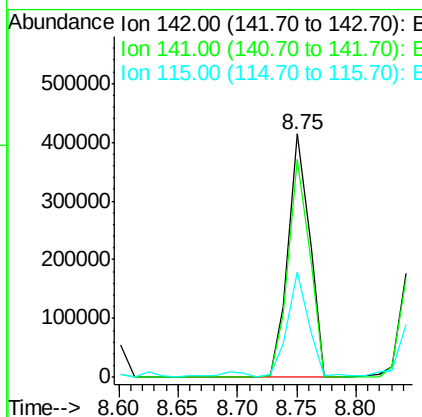
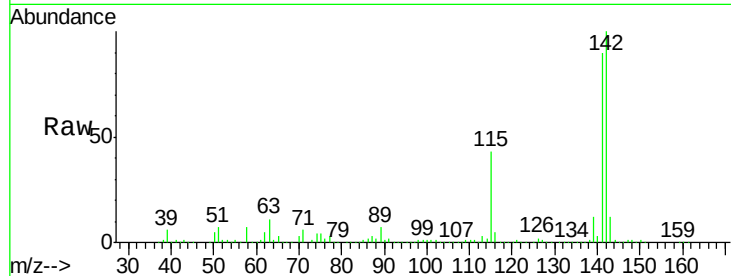




#37
 2-Methylnaphthalene
 Concen: 1383.73 ng
 RT: 8.75 min Scan# 583
 Delta R.T. -0.06 min
 Lab File: BF080987.D
 Acq: 13 Aug 2015 18:35

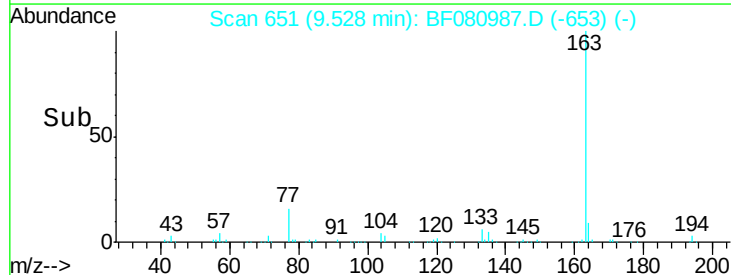
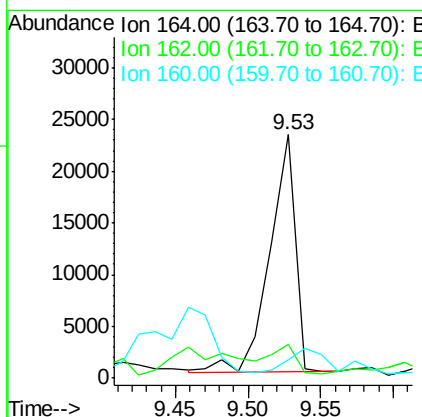
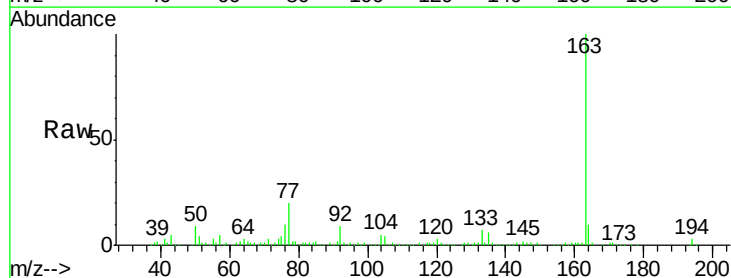
Instrument :
 BNA_F
 ClientSampled :
 S-A(2)MSD

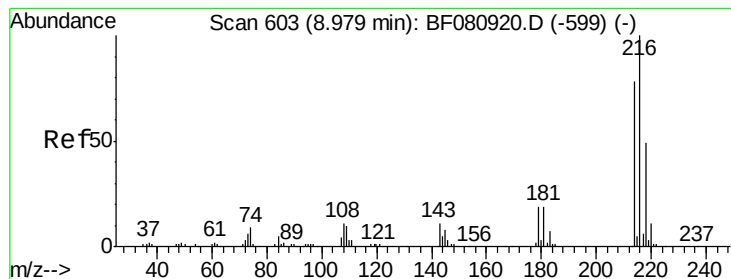
Tot Ion:142 Resp: 523089
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.7 107.5
 115 43.2 30.9 46.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 651
 Delta R.T. -0.32 min
 Lab File: BF080987.D
 Acq: 13 Aug 2015 18:35

Tgt Ion:164 Resp: 27908
 Ion Ratio Lower Upper
 164 100
 162 14.1 80.5 120.7#
 160 7.4 36.6 54.8#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 109.75 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.06 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

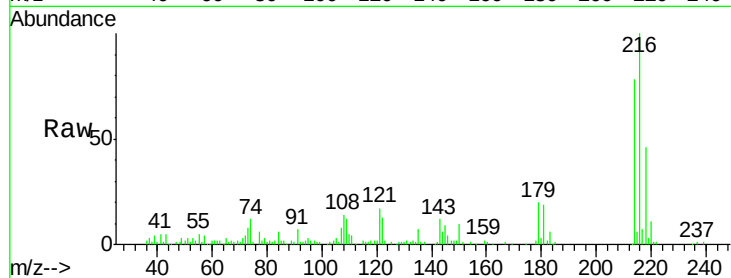
Instrument :

BNA_F

ClientSampleId :

S-A(2)MSD

Tot Ion:216	Resp:	94424
Ion Ratio	Lower	Upper
216	100	
214	79.2	63.0 94.4
179	22.3	17.2 25.8
108	25.4	16.1 24.1#

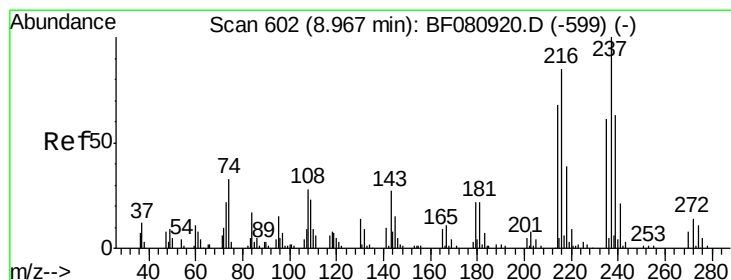
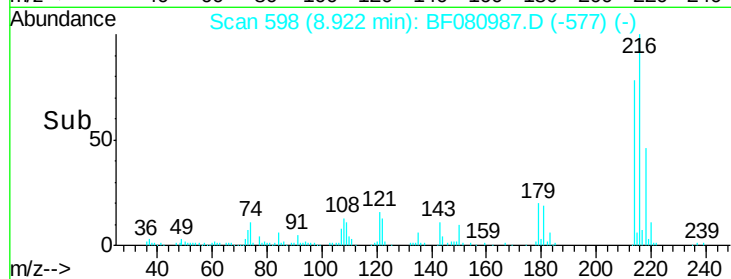
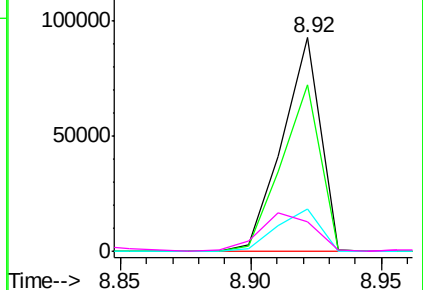


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 223.71 ng

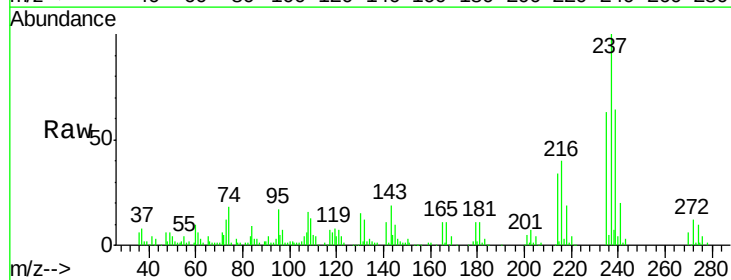
RT: 8.91 min Scan# 597

Delta R.T. -0.06 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

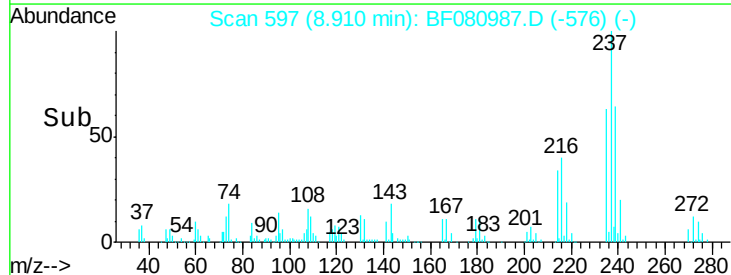
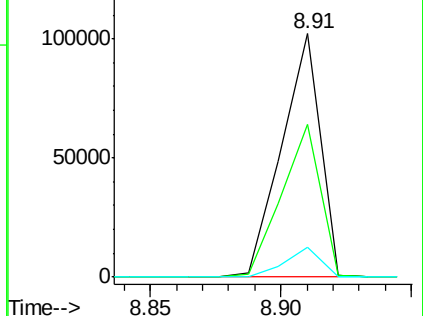
Tgt Ion:237	Resp:	105026
Ion Ratio	Lower	Upper
237	100	
235	63.0	41.3 81.3
272	12.2	0.0 33.6

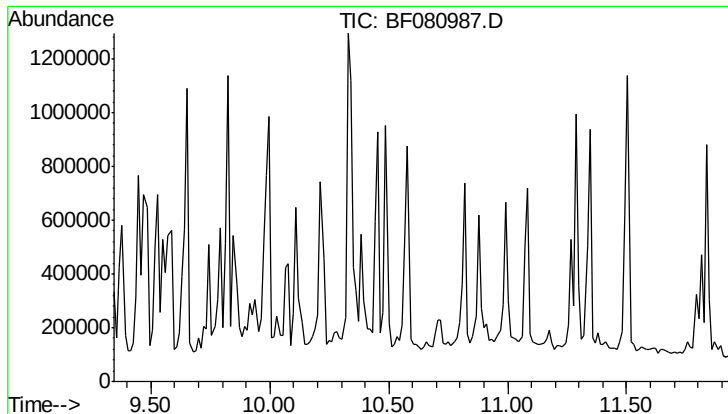


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

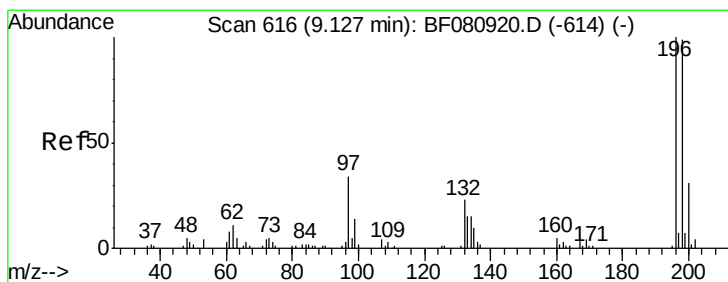
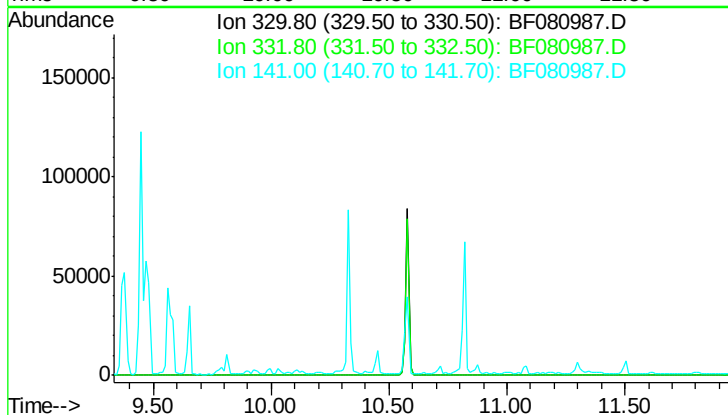




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.64 min
 Lab File: BF080987.D
 Acq: 13 Aug 2015 18:35

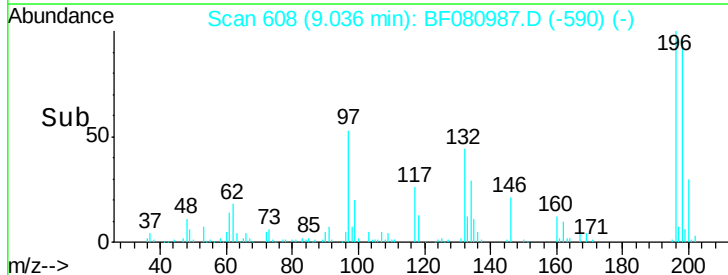
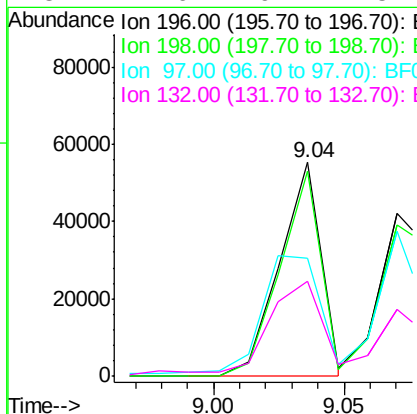
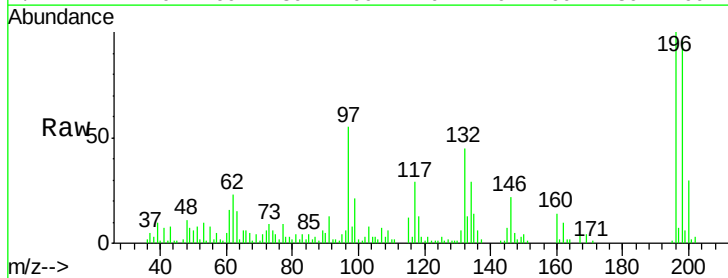
Instrument :
 BNA_F
 ClientSampleId :
 S-A(2)MSD

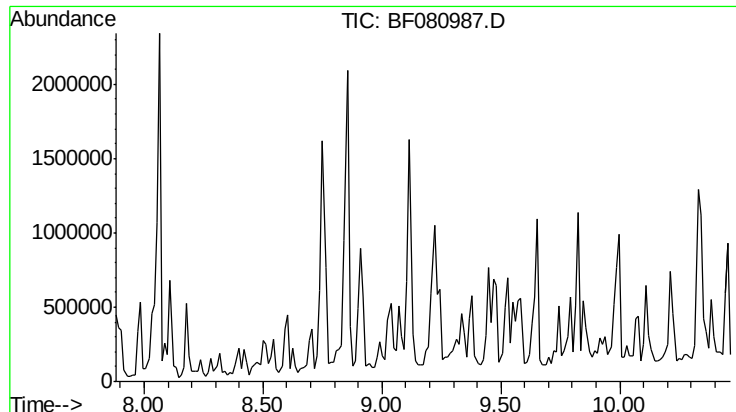
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.3
 141 34.8



#43
 2,4,5-Trichlorophenol
 Concen: 95.67 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.09 min
 Lab File: BF080987.D
 Acq: 13 Aug 2015 18:35

Tgt Ion: 196 Resp: 60792
 Ion Ratio Lower Upper
 196 100
 198 95.8 78.9 118.3
 97 55.1 29.1 43.7#
 132 44.6 19.1 28.7#





#44

2-Fluorobiphenyl

Concen: 0.00 ng

Expected RT: 9.17 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

Instrument :

BNA_F

ClientSampleId :

S-A(2)MSD

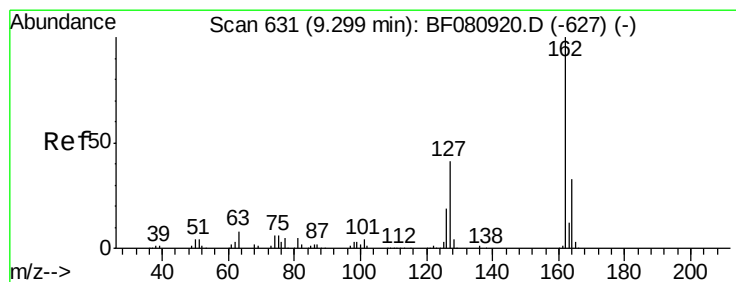
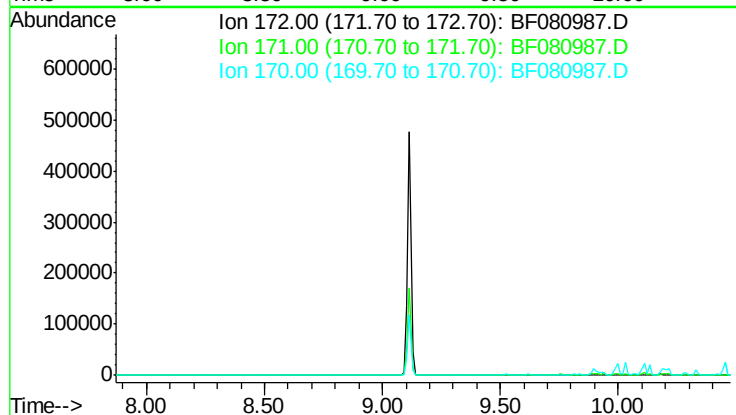
Tot Ion: 172

Sig Exp Ratio

172 100

171 36.7

170 24.6



#46

2-Chloronaphthalene

Concen: 3.27 ng

RT: 9.04 min Scan# 608

Delta R.T. -0.26 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

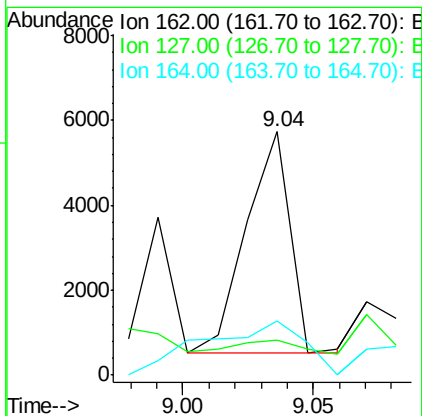
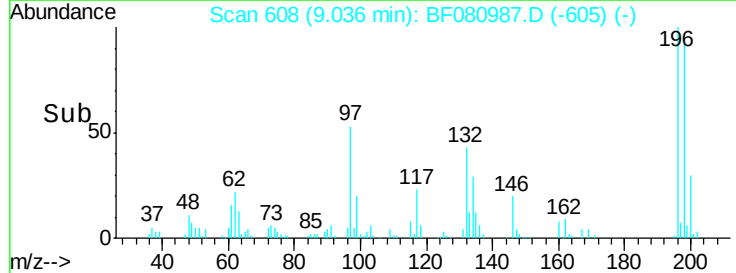
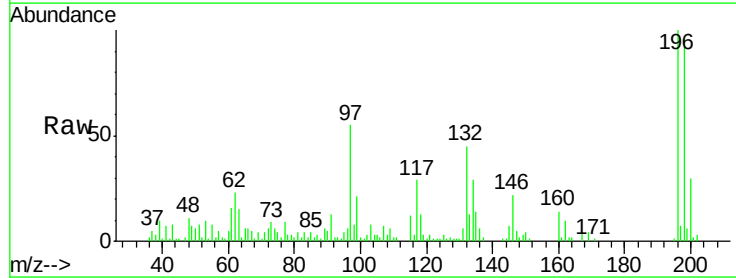
Tgt Ion:162 Resp: 6107

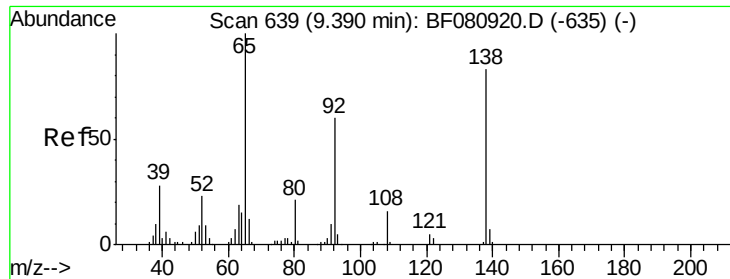
Ion Ratio Lower Upper

162 100

127 14.5 32.5 48.7#

164 22.4 26.2 39.4#

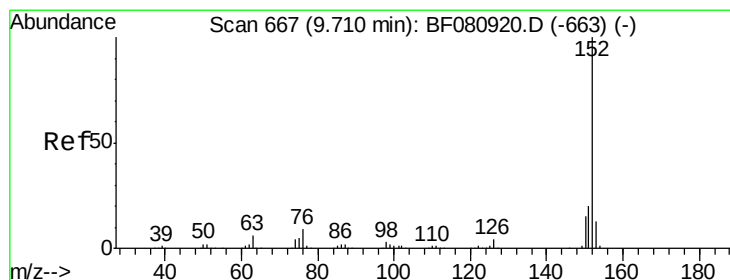
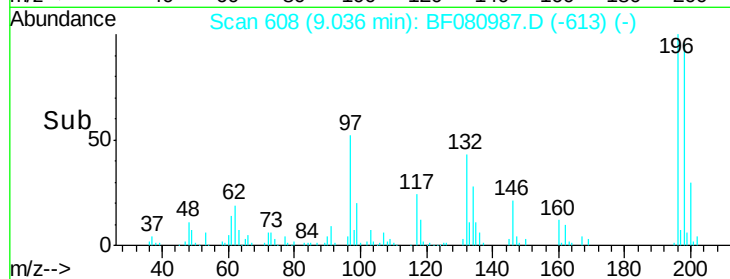
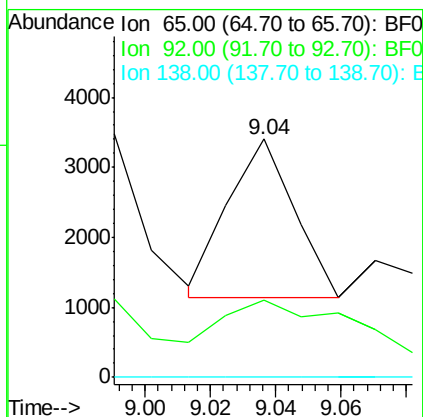
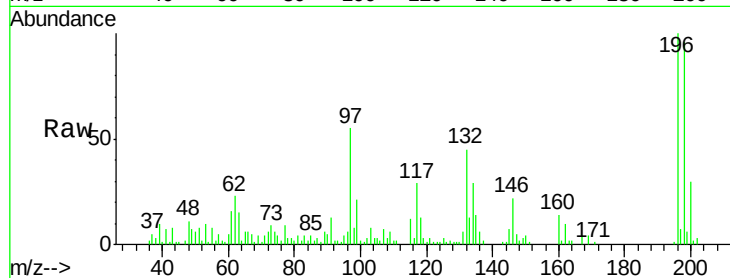




#47
2-Nitroaniline
Concen: 4.23 ng
RT: 9.04 min Scan# 608
Delta R.T. -0.35 min
Lab File: BF080987.D
Acq: 13 Aug 2015 18:35

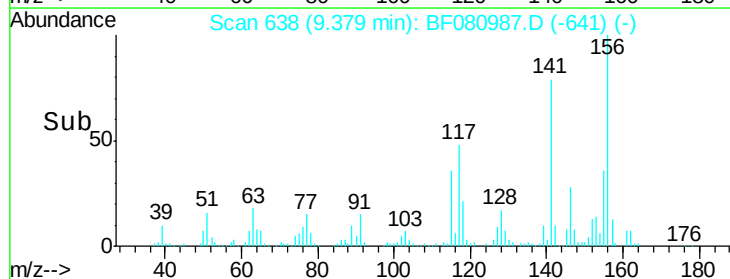
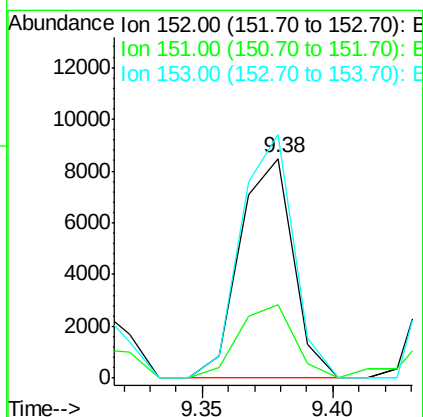
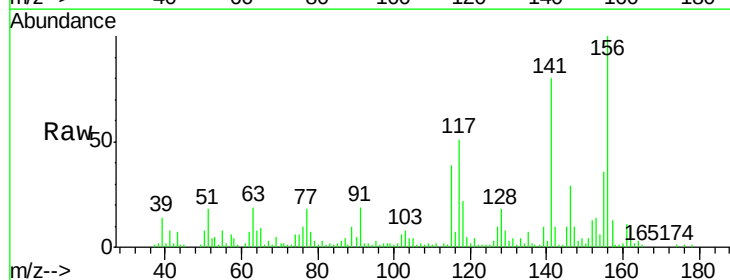
Instrument :
BNA_F
ClientSampleId :
S-A(2)MSD

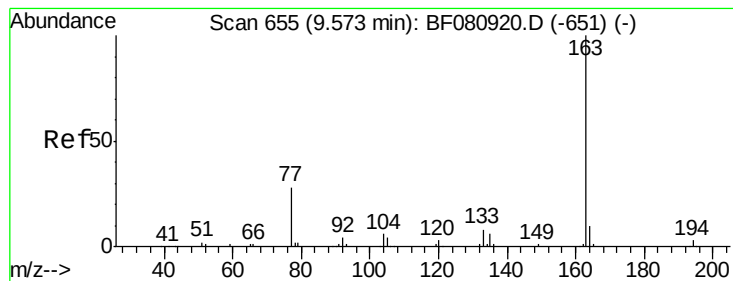
Tot Ion: 65 Resp: 3165
Ion Ratio Lower Upper
65 100
92 32.6 48.0 72.0#
138 0.0 66.1 99.1#



#48
Acenaphthylene
Concen: 3.75 ng
RT: 9.38 min Scan# 638
Delta R.T. -0.33 min
Lab File: BF080987.D
Acq: 13 Aug 2015 18:35

Tgt Ion: 152 Resp: 12179
Ion Ratio Lower Upper
152 100
151 33.6 16.3 24.5#
153 110.8 10.5 15.7#





#49

Dimethylphthalate

Concen: 11.24 ng

RT: 9.24 min Scan# 626

Delta R.T. -0.33 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

Instrument :

BNA_F

ClientSampleId :

S-A(2)MSD

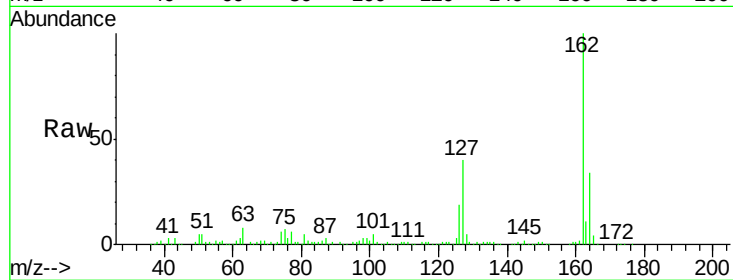
Tot Ion:163 Resp: 26049

Ion Ratio Lower Upper

163 100

194 0.0 2.4 3.6#

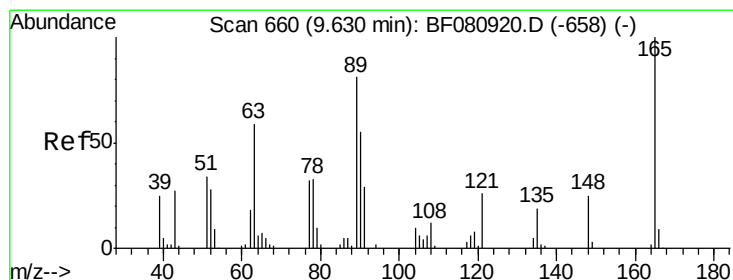
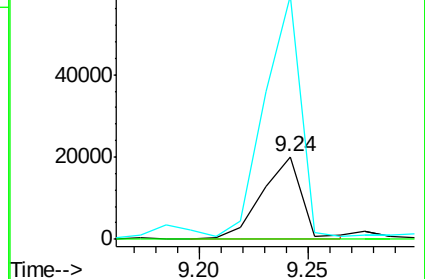
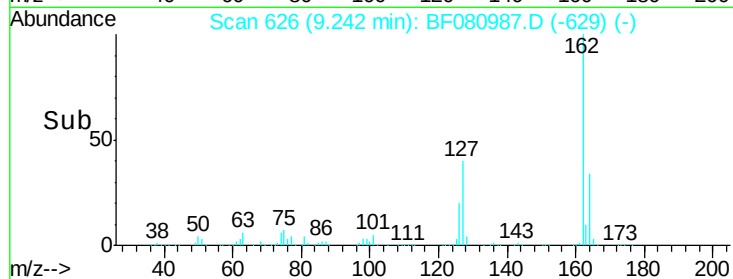
164 294.5 8.2 12.4#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 5.11 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.33 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

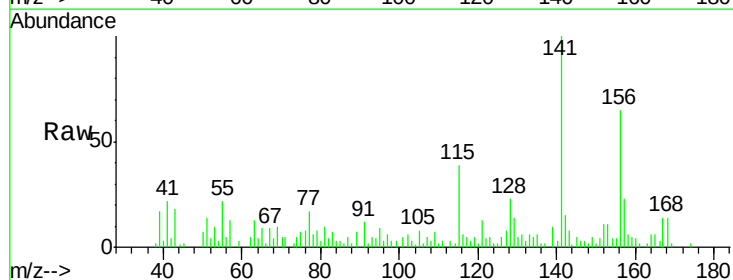
Tgt Ion:165 Resp: 2448

Ion Ratio Lower Upper

165 100

63 204.1 77.6 116.4#

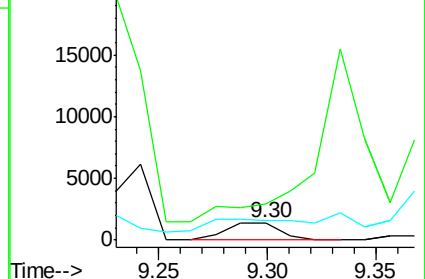
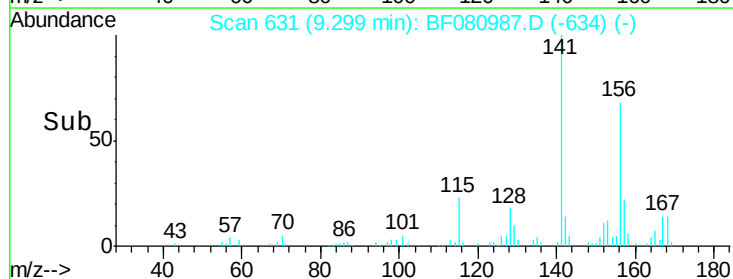
89 109.5 64.5 96.7#

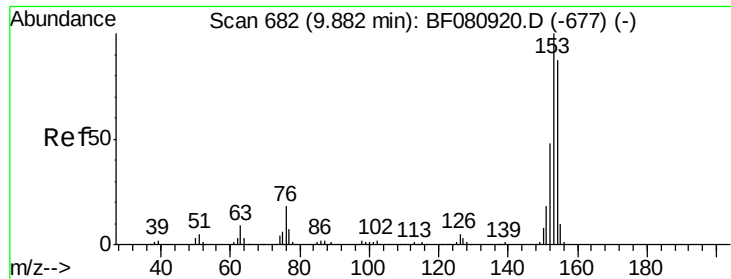


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 6.62 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.43 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

Instrument :

BNA_F

ClientSampleId :

S-A(2)MSD

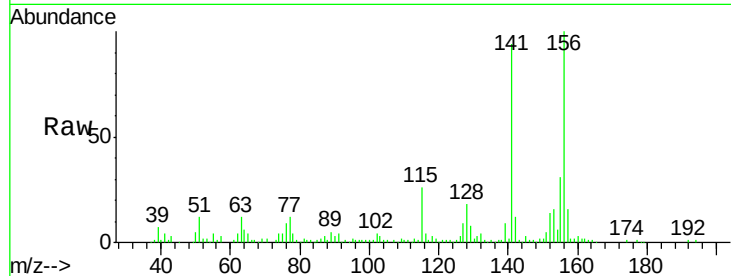
Tot Ion:154 Resp: 13153

Ion Ratio Lower Upper

154 100

153 282.9 91.4 137.2#

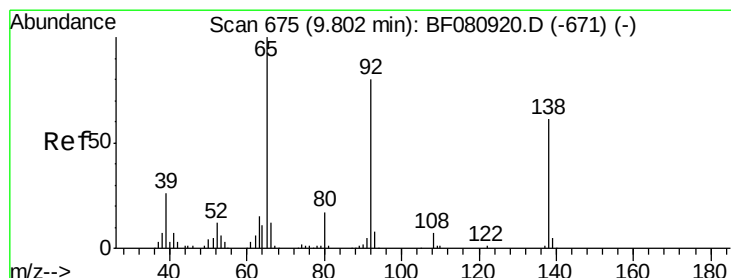
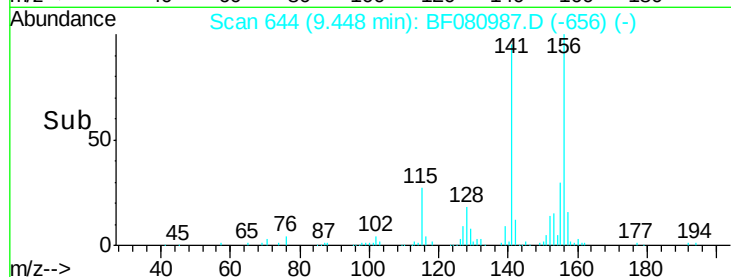
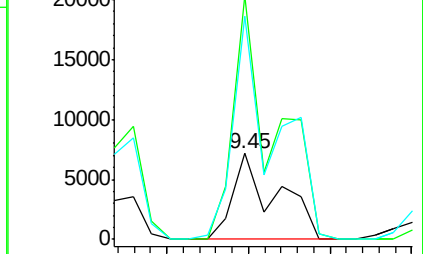
152 259.1 44.2 66.4#



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: 5.02 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.33 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

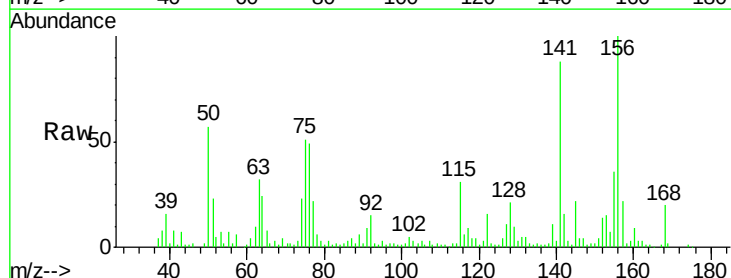
Tgt Ion:138 Resp: 2962

Ion Ratio Lower Upper

138 100

108 59.0 8.7 13.1#

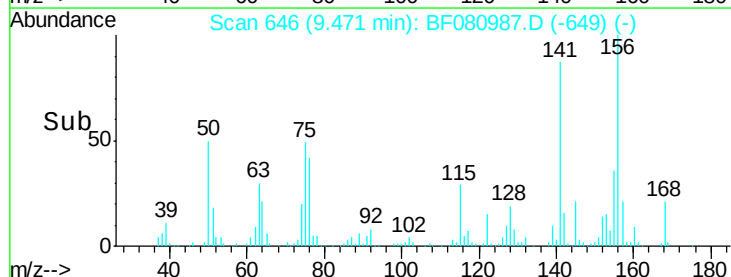
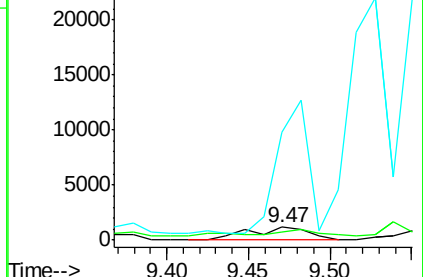
92 846.2 104.4 156.6#

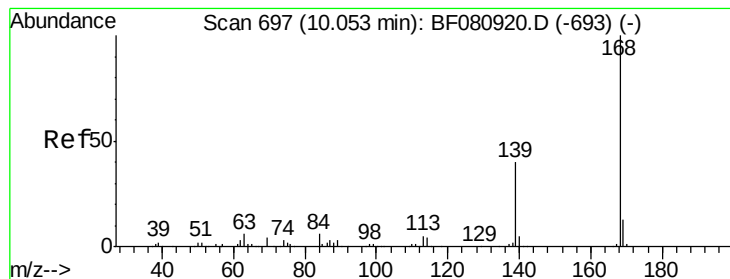


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#54

Dibenzofuran

Concen: 4.75 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.27 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

Instrument :

BNA_F

ClientSampleId :

S-A(2)MSD

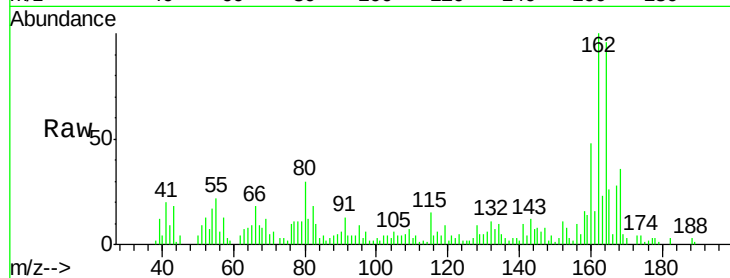
Tot Ion:168 Resp: 12779

Ion Ratio Lower Upper

168 100

139 8.6 31.9 47.9#

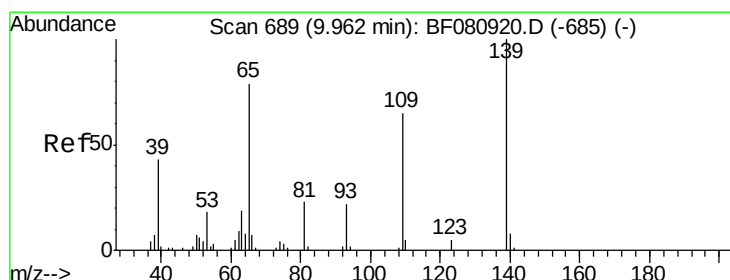
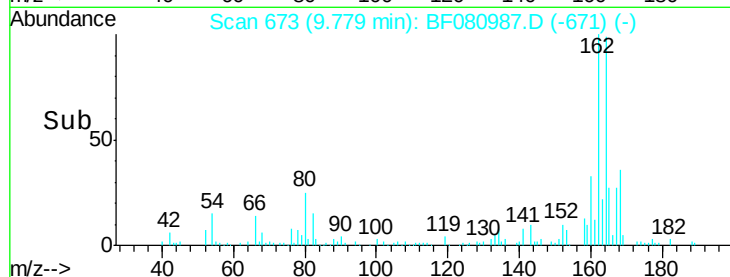
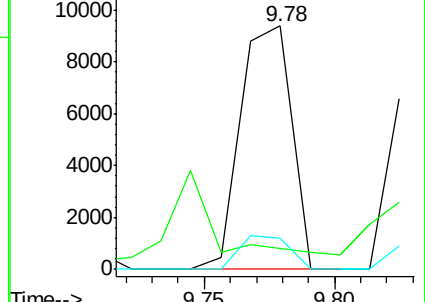
169 13.0 10.6 15.8



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: 18.14 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.40 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

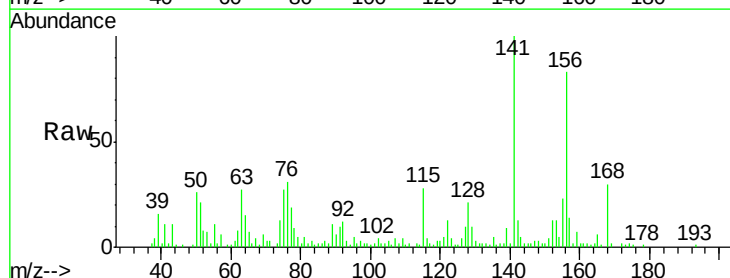
Tgt Ion:139 Resp: 8016

Ion Ratio Lower Upper

139 100

109 45.5 44.7 84.7

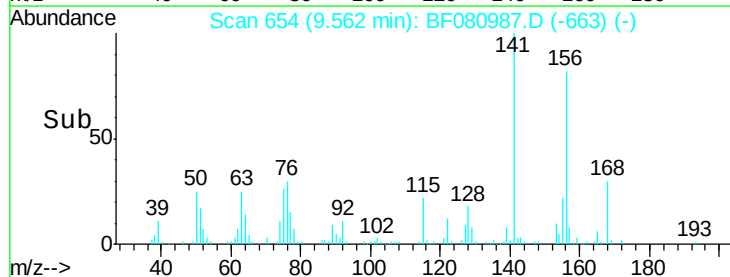
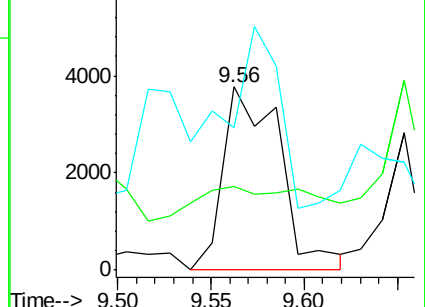
65 77.5 59.5 99.5

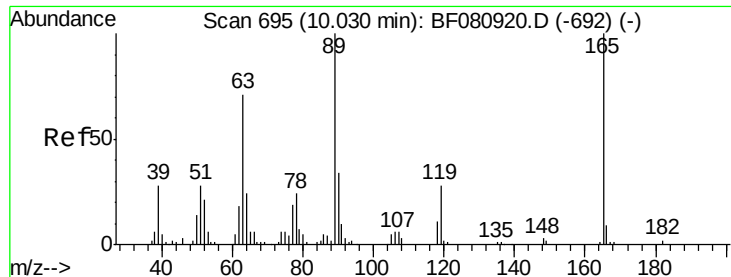


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

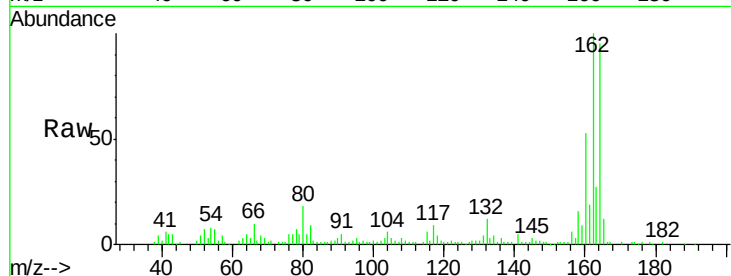




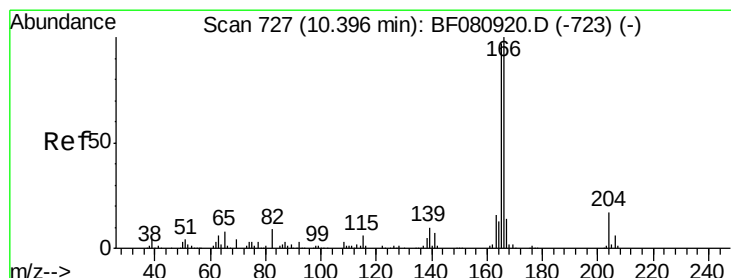
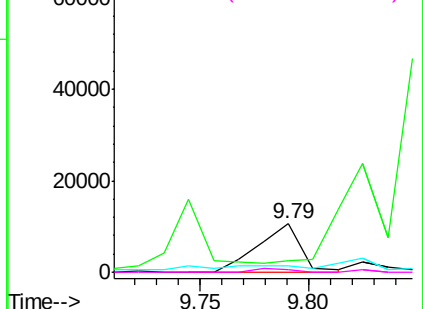
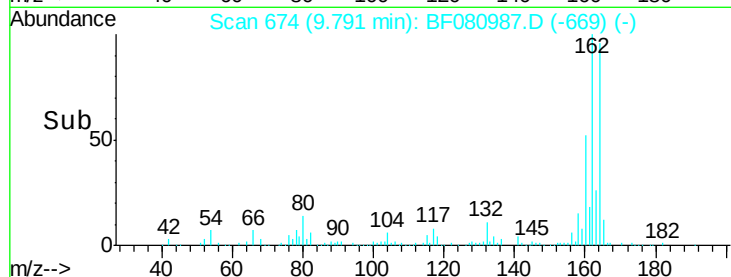
#56
2,4-Dinitrotoluene
Concen: 22.98 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.24 min
Lab File: BF080987.D
Acq: 13 Aug 2015 18:35

Instrument :
BNA_F
ClientSampleId :
S-A(2)MSD

Tot Ion:165 Resp: 14728
Ion Ratio Lower Upper
165 100
63 22.7 56.7 85.1#
89 13.1 80.4 120.6#
182 4.2 1.5 2.3#

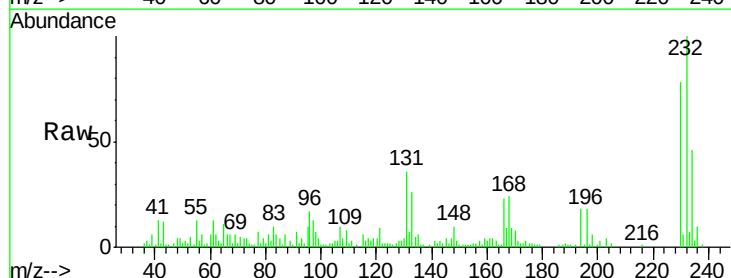


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

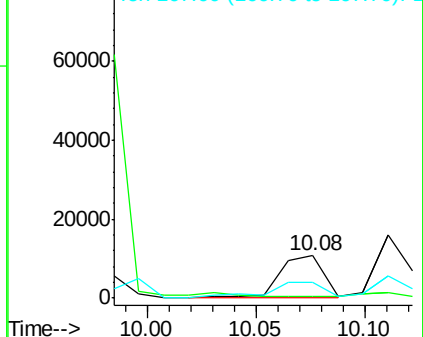
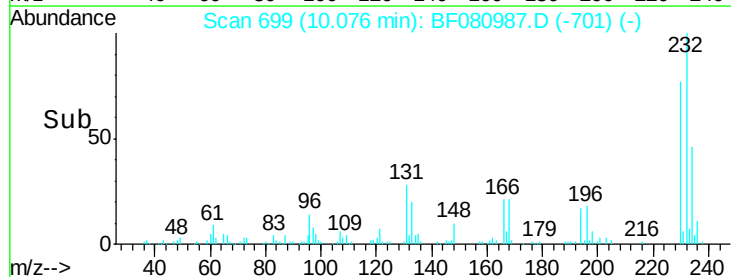


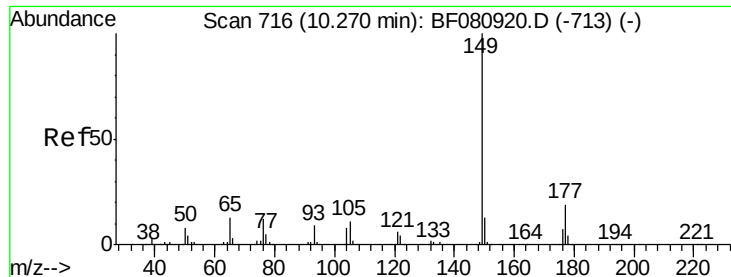
#57
Fluorene
Concen: 7.37 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.32 min
Lab File: BF080987.D
Acq: 13 Aug 2015 18:35

Tgt Ion:166 Resp: 15325
Ion Ratio Lower Upper
166 100
165 5.1 77.2 115.8#
167 38.0 10.8 16.2#



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

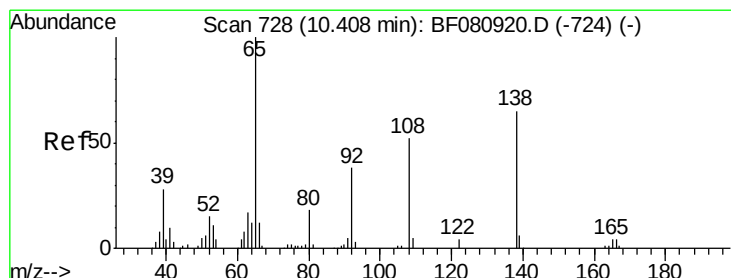
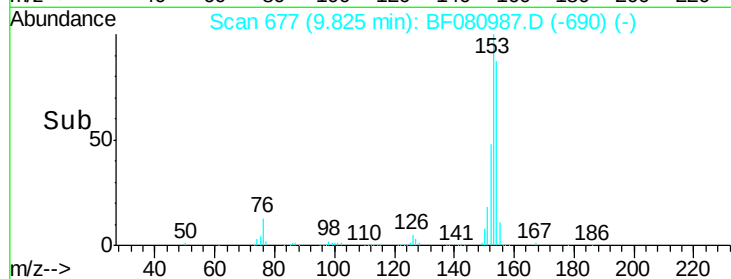
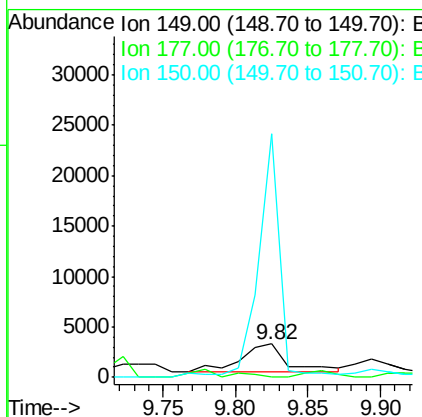
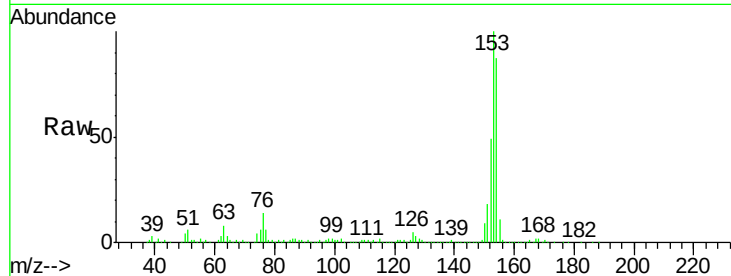




#59
Diethylphthalate
Concen: 2.64 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.45 min
Lab File: BF080987.D
Acq: 13 Aug 2015 18:35

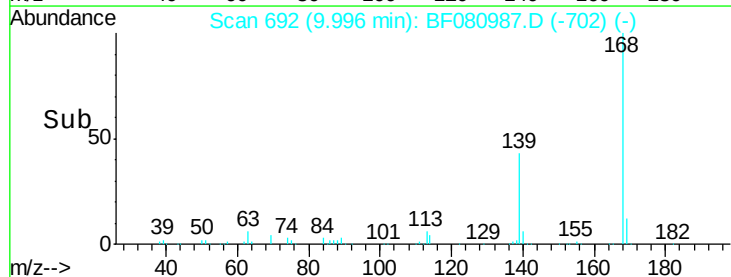
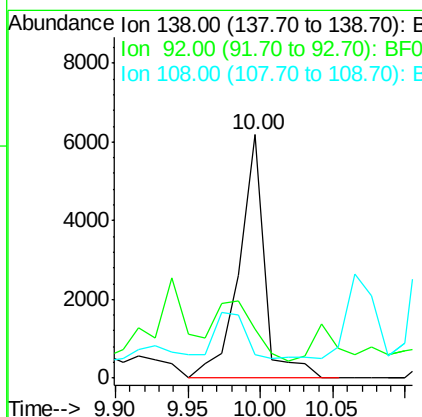
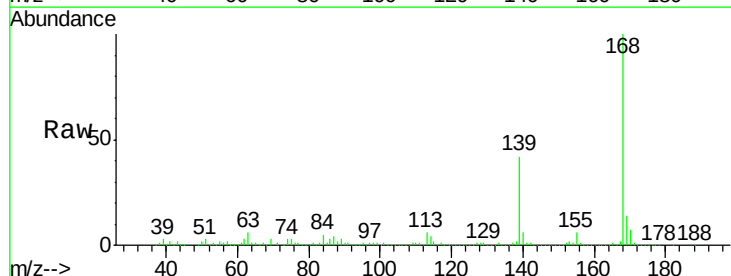
Instrument :
BNA_F
ClientSampleId :
S-A(2)MSD

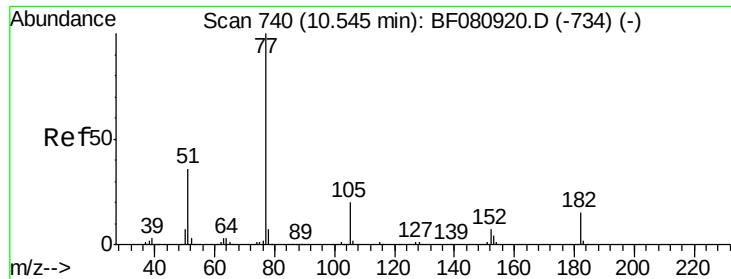
Tot Ion:149 Resp: 6378
Ion Ratio Lower Upper
149 100
177 0.0 15.0 22.4#
150 734.8 10.4 15.6#



#61
4-Nitroaniline
Concen: 12.45 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.41 min
Lab File: BF080987.D
Acq: 13 Aug 2015 18:35

Tgt Ion:138 Resp: 7565
Ion Ratio Lower Upper
138 100
92 19.9 38.1 78.1#
108 9.4 59.9 99.9#





#62

Azobenzene

Concen: 5.35 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.33 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

Instrument :

BNA_F

ClientSampleId :

S-A(2)MSD

Tot Ion: 77 Resp: 14428

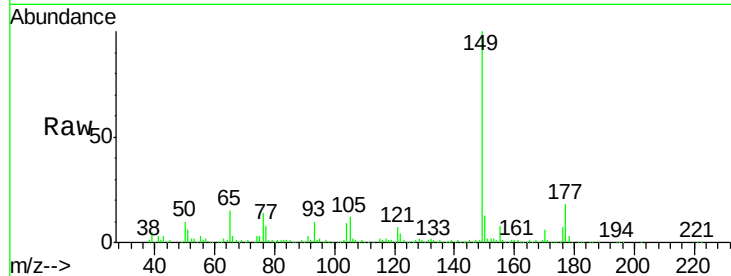
Ion Ratio Lower Upper

77 100

182 5.7 0.0 35.5

105 151.8 0.5 40.5#

51 70.2 15.6 55.6#

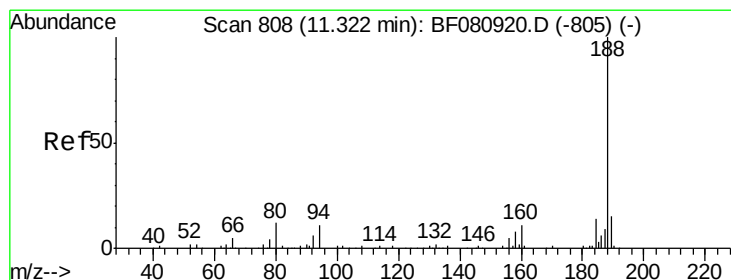
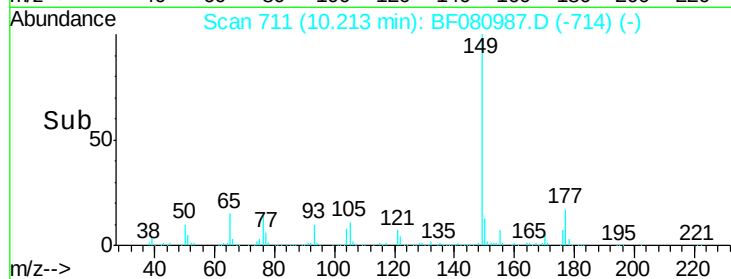
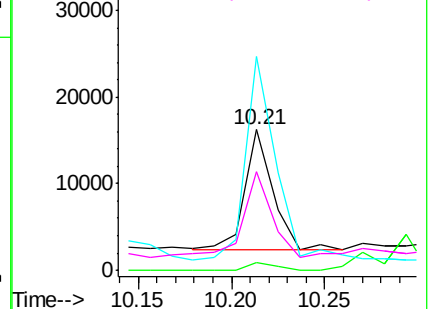


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 10.99 min Scan# 779

Delta R.T. -0.33 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

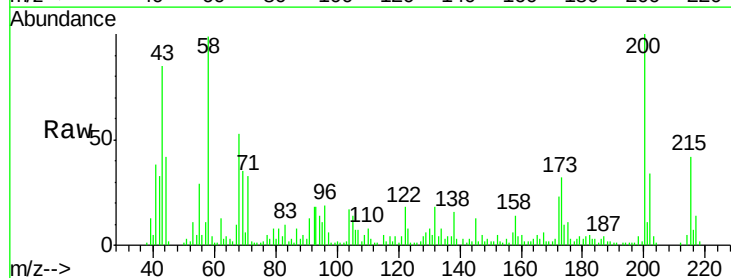
Tgt Ion: 188 Resp: 1147

Ion Ratio Lower Upper

188 100

94 868.8 8.8 13.2#

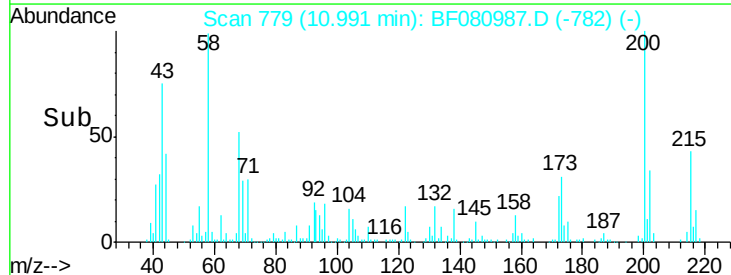
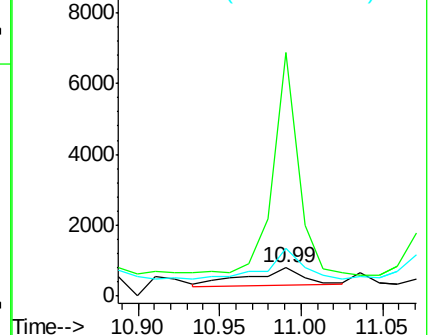
80 171.3 9.5 14.3#

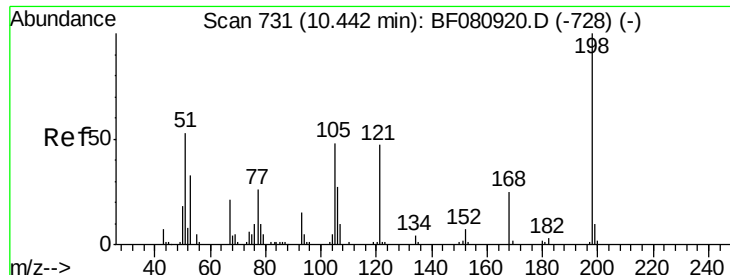


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 469.58 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.36 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

Instrument :

BNA_F

ClientSampleId :

S-A(2)MSD

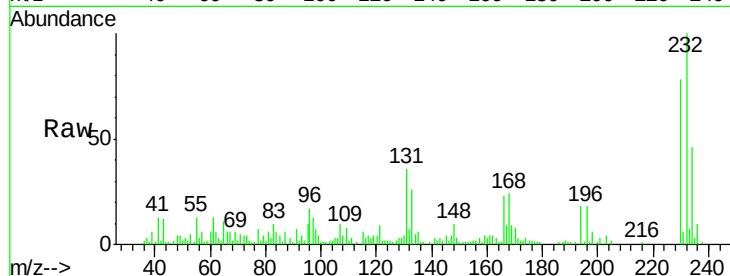
Tot Ion:198 Resp: 3338

Ion Ratio Lower Upper

198 100

51 60.9 40.3 80.3

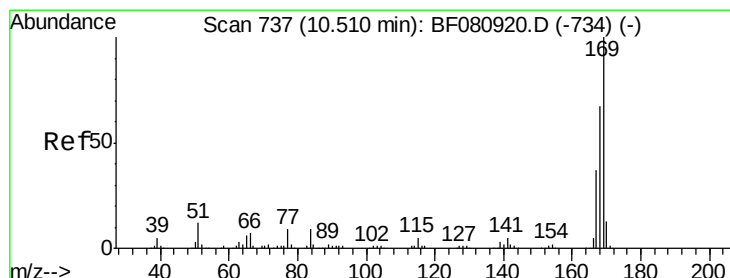
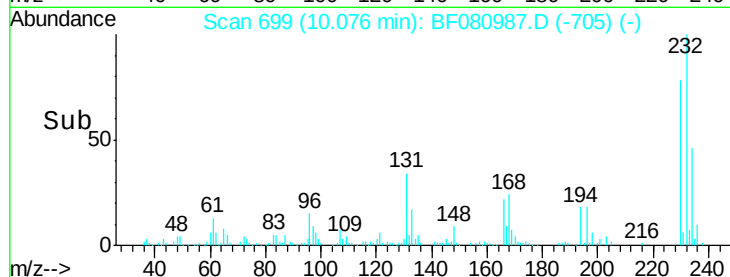
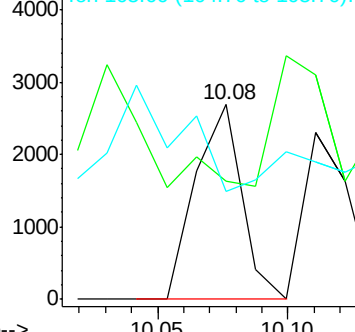
105 55.2 29.6 69.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 194.05 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.32 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

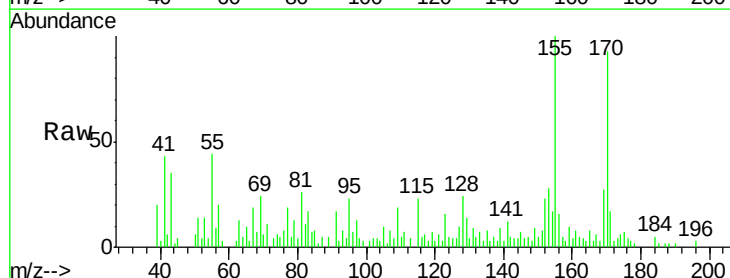
Tgt Ion:169 Resp: 7733

Ion Ratio Lower Upper

169 100

168 10.8 53.7 80.5#

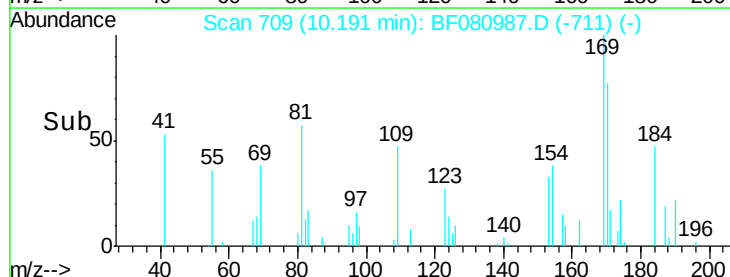
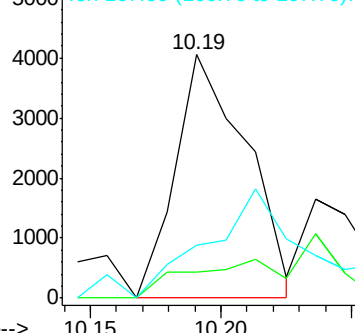
167 21.5 29.3 43.9#

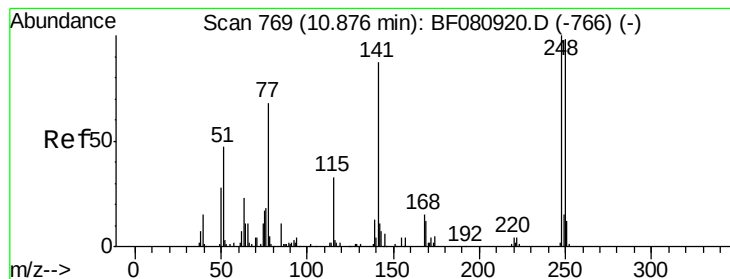


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#66

4-Bromophenyl-phenylether

Concen: 497.68 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.30 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

Instrument :

BNA_F

ClientSampleId :

S-A(2)MSD

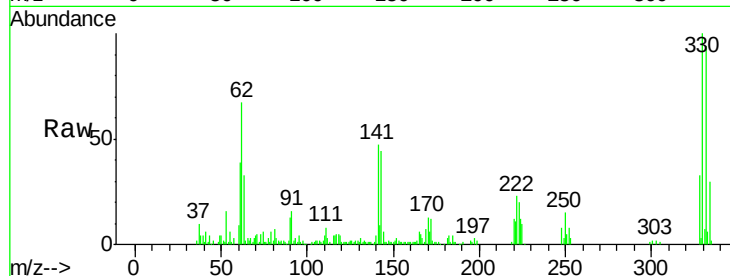
Tot Ion:248 Resp: 6046

Ion Ratio Lower Upper

248 100

250 187.8 78.1 117.1#

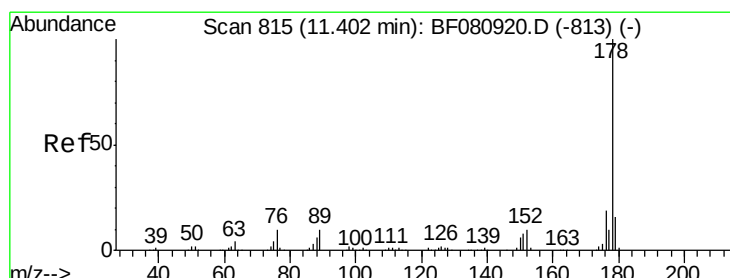
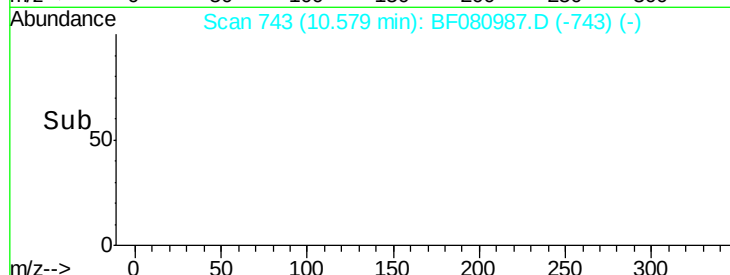
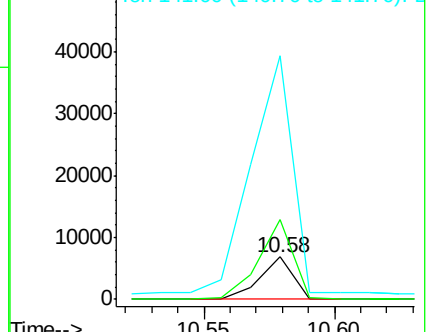
141 571.5 69.6 104.4#



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



#71

Anthracene

Concen: 4678.09 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.11 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

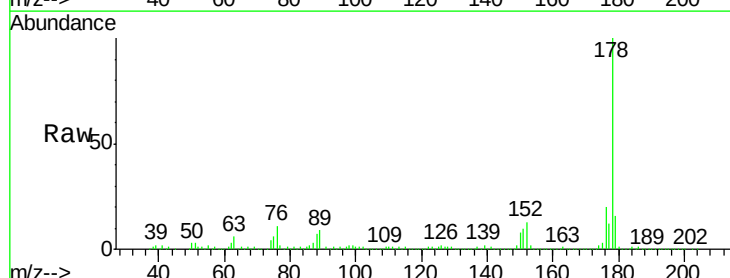
Tgt Ion:178 Resp: 300806

Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

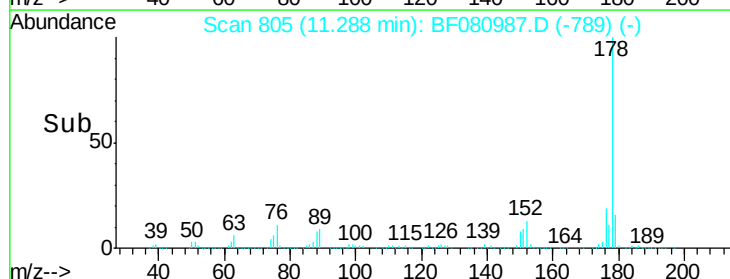
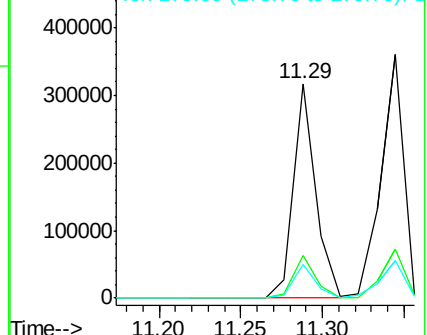
179 15.8 12.6 18.8

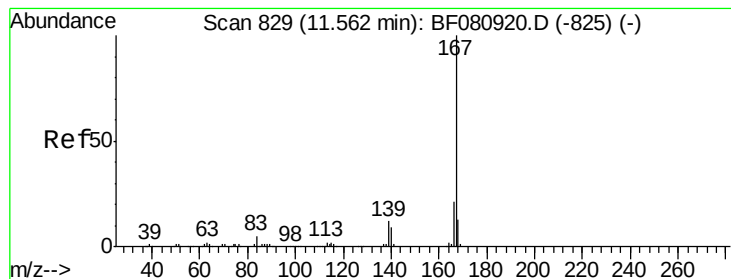


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 625.69 ng

RT: 11.08 min Scan# 787

Delta R.T. -0.48 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

Instrument :

BNA_F

ClientSampleId :

S-A(2)MSD

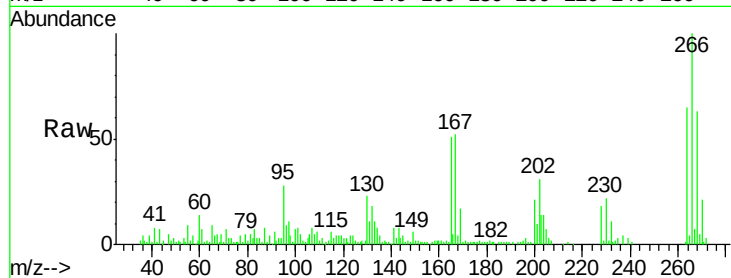
Tot Ion:167 Resp: 39171

Ion Ratio Lower Upper

167 100

166 10.3 17.1 25.7#

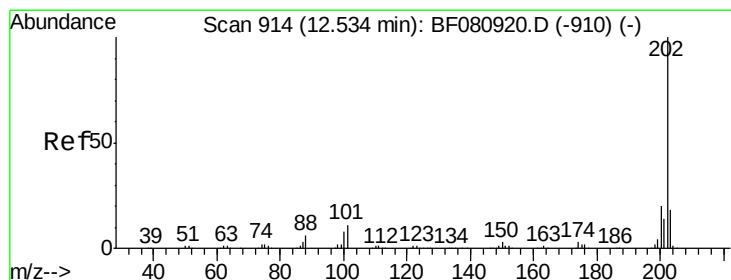
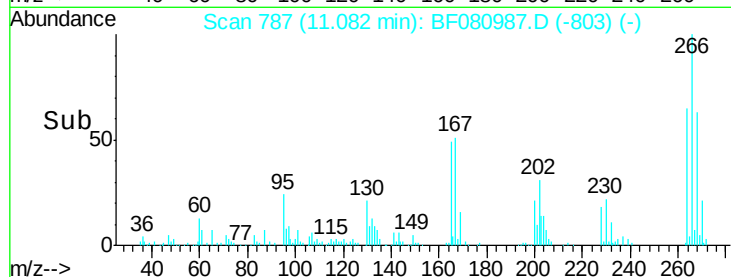
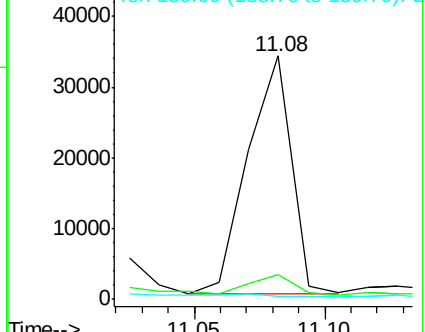
139 1.4 9.2 13.8#



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



#74

Fluoranthene

Concen: 3.09 ng

RT: 12.01 min Scan# 868

Delta R.T. -0.53 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

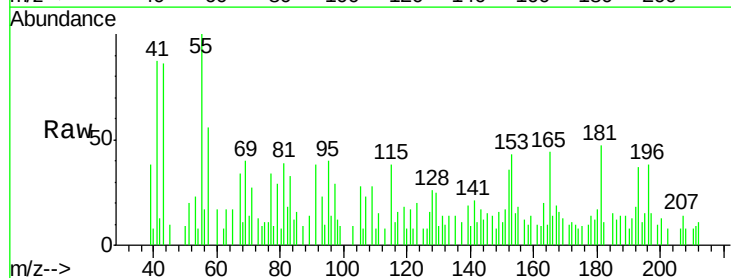
Tgt Ion:202 Resp: 217

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.5

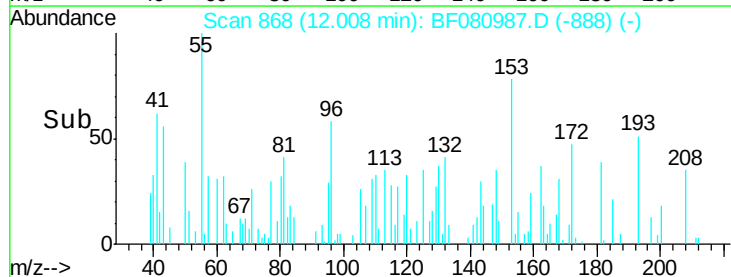
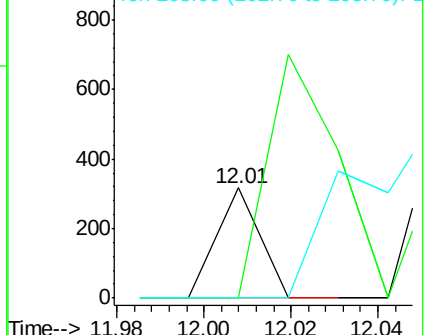
203 0.0 0.0 37.7

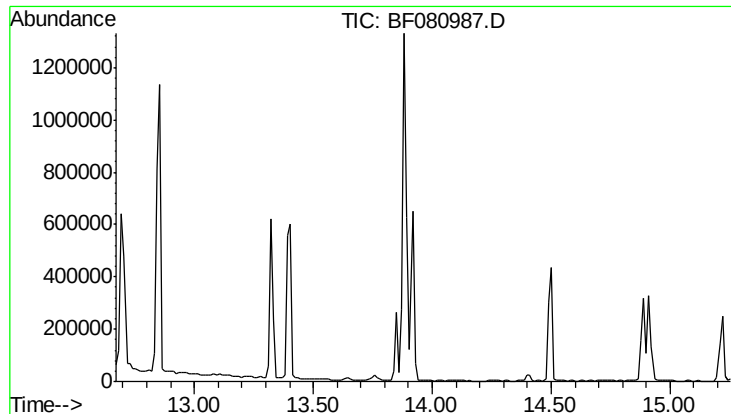


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrvsene-d12

Concen: 0.00 ng

Expected RT: 13.96 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

Instrument :

BNA_F

ClientSampleId :

S-A(2)MSD

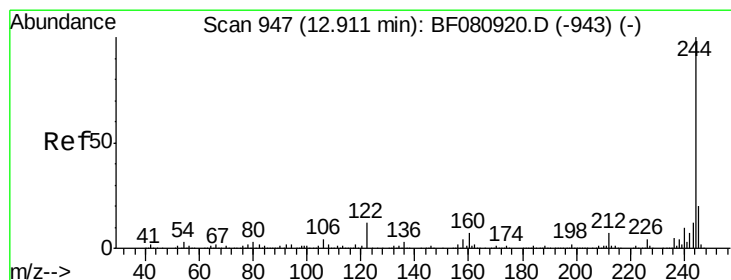
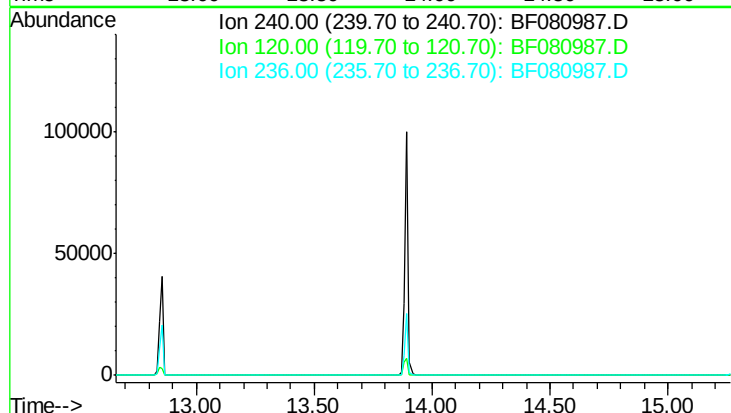
Tot Ion: 240

Sig Exp Ratio

240 100

120 6.5

236 25.3



#78

Terphenyl-d14

Concen: 0.00 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.06 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

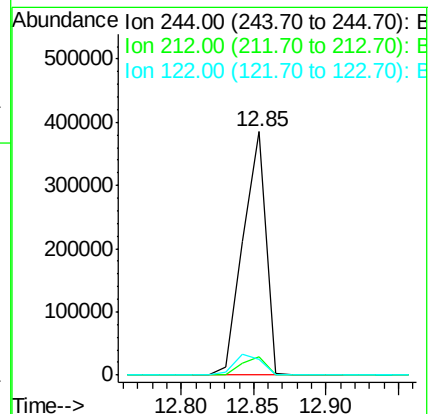
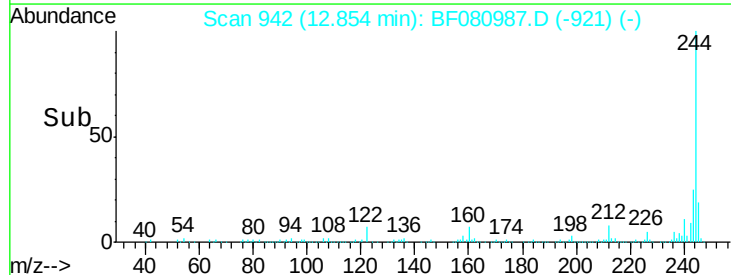
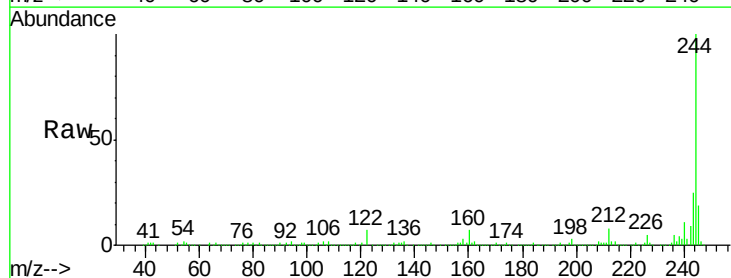
Tgt Ion:244 Resp: 420725

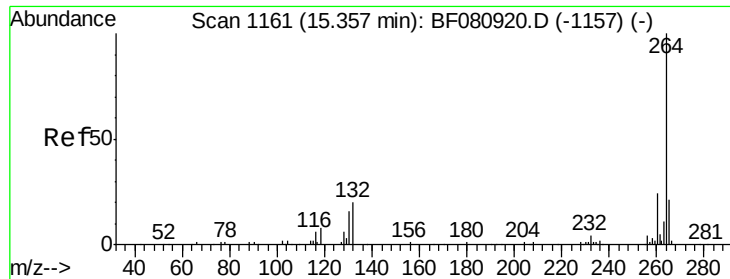
Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

122 6.6 9.4 14.2#

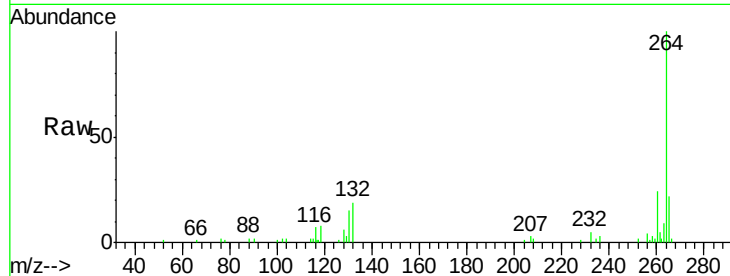




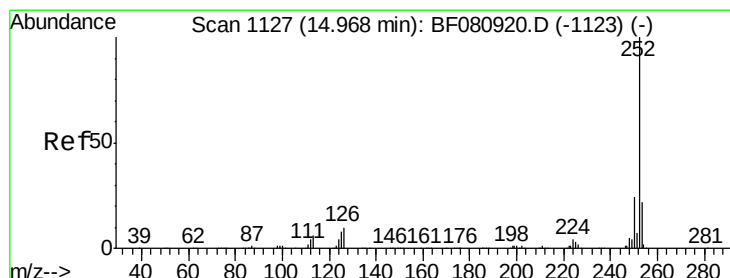
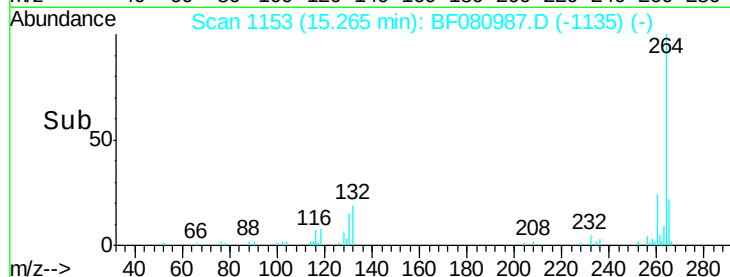
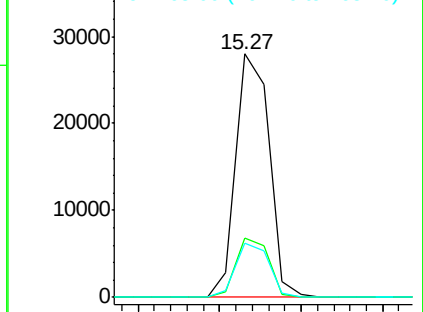
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1153
Delta R.T. -0.09 min
Lab File: BF080987.D
Acq: 13 Aug 2015 18:35

Instrument :
BNA_F
ClientSampleId :
S-A(2)MSD

Tot Ion:264 Resp: 39482
Ion Ratio Lower Upper
264 100
260 24.2 19.4 29.0
265 22.2 17.0 25.4

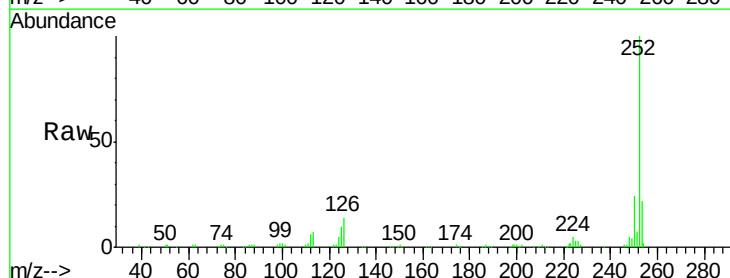


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

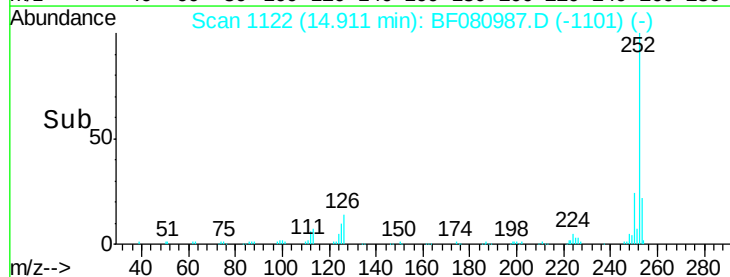
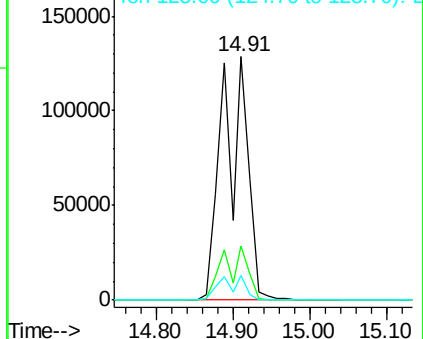


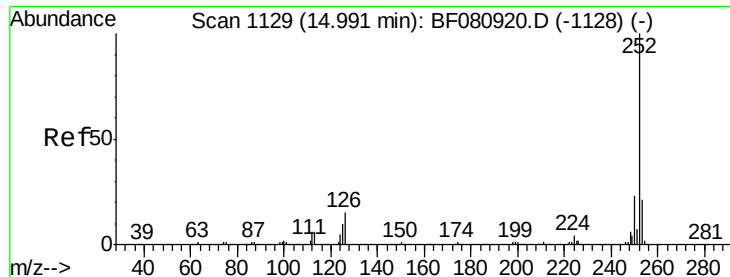
#87
Benzo(b)fluoranthene
Concen: 106.90 ng
RT: 14.91 min Scan# 1122
Delta R.T. -0.06 min
Lab File: BF080987.D
Acq: 13 Aug 2015 18:35

Tgt Ion:252 Resp: 293497
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 10.4 6.1 9.1#



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





#88

Benzo(k)fluoranthene

Concen: 122.20 ng

RT: 14.91 min Scan# 1122

Delta R.T. -0.08 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

Instrument :

BNA_F

ClientSampleId :

S-A(2)MSD

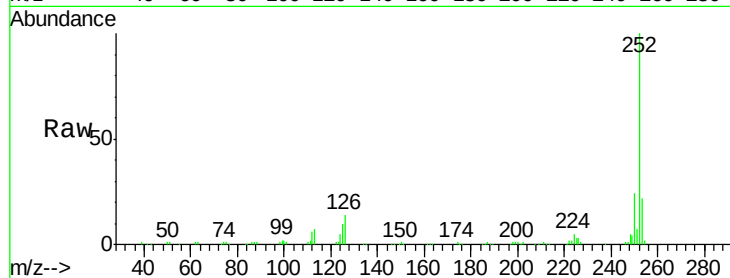
Tot Ion:252 Resp: 293497

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

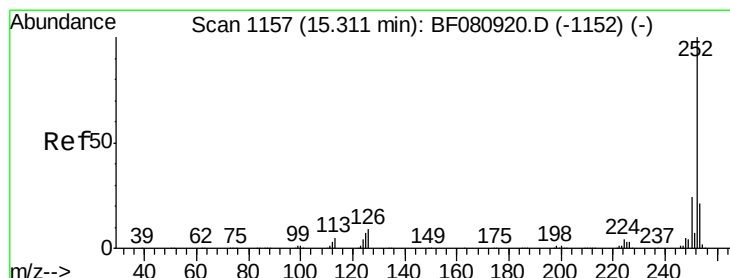
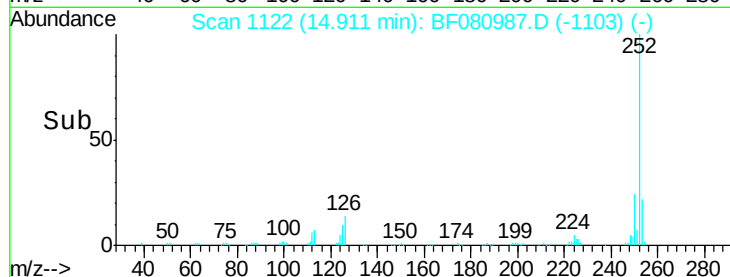
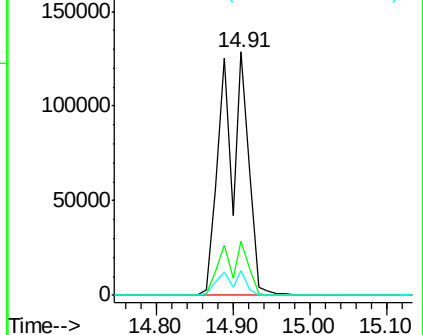
125 10.4 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 51.09 ng

RT: 15.22 min Scan# 1149

Delta R.T. -0.09 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

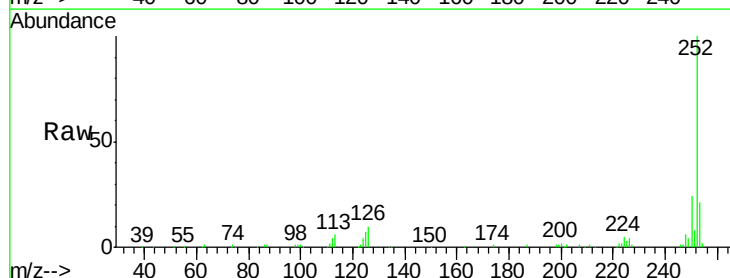
Tgt Ion:252 Resp: 120557

Ion Ratio Lower Upper

252 100

253 21.3 16.9 25.3

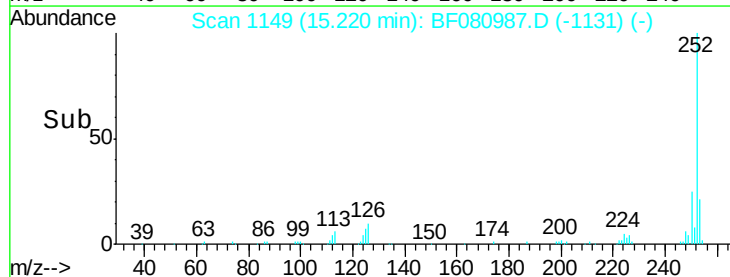
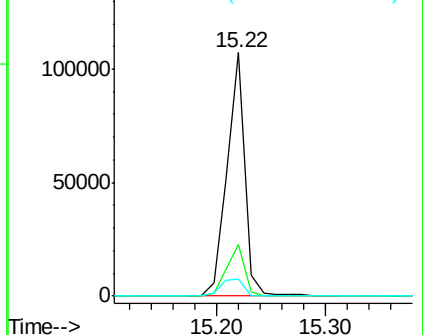
125 7.2 5.8 8.8

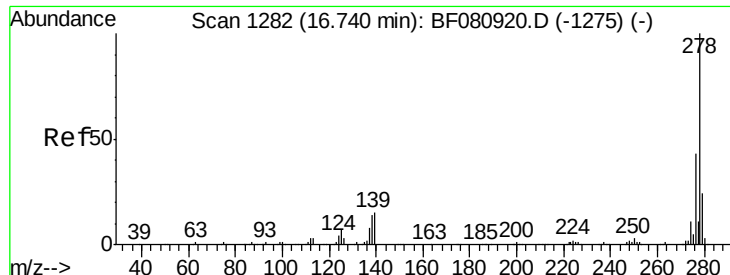


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 34.27 ng

RT: 16.60 min Scan# 1270

Delta R.T. -0.14 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

Instrument :

BNA_F

ClientSampleId :

S-A(2)MSD

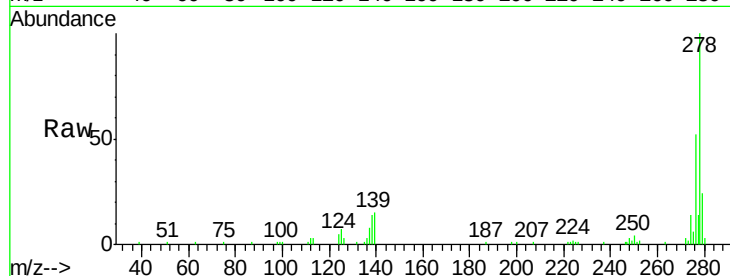
Tot Ion:278 Resp: 71518

Ion Ratio Lower Upper

278 100

139 15.1 11.9 17.9

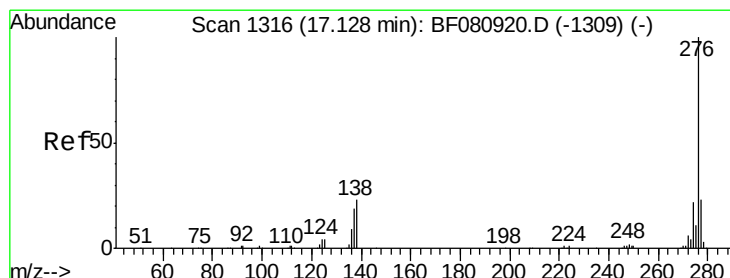
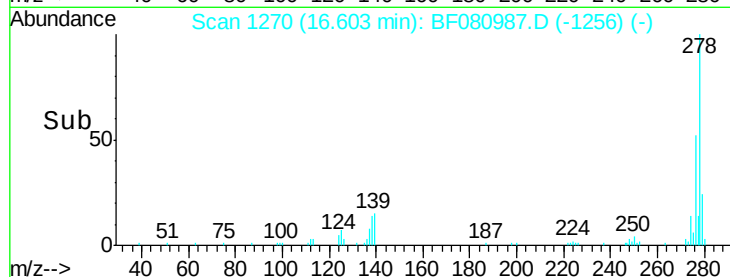
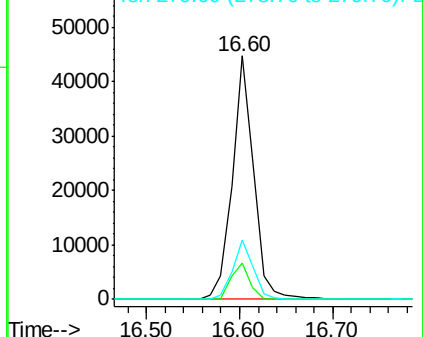
279 24.2 19.0 28.6



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: 37.18 ng

RT: 16.98 min Scan# 1303

Delta R.T. -0.15 min

Lab File: BF080987.D

Acq: 13 Aug 2015 18:35

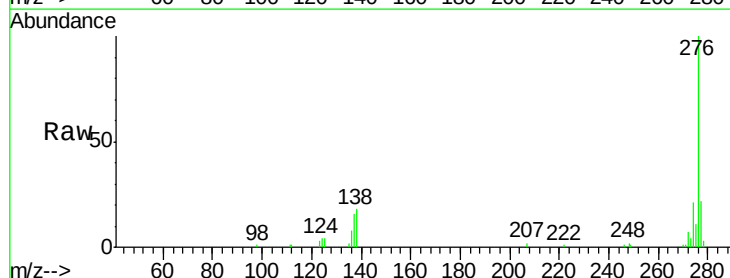
Tgt Ion:276 Resp: 75471

Ion Ratio Lower Upper

276 100

277 21.9 18.6 28.0

138 18.3 18.4 27.6#



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

