

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
 Data File : BF086868.D
 Acq On : 10 May 2016 19:13
 Operator : UM/SJ
 Sample : H2897-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFFWW

Quant Time: May 11 03:44:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

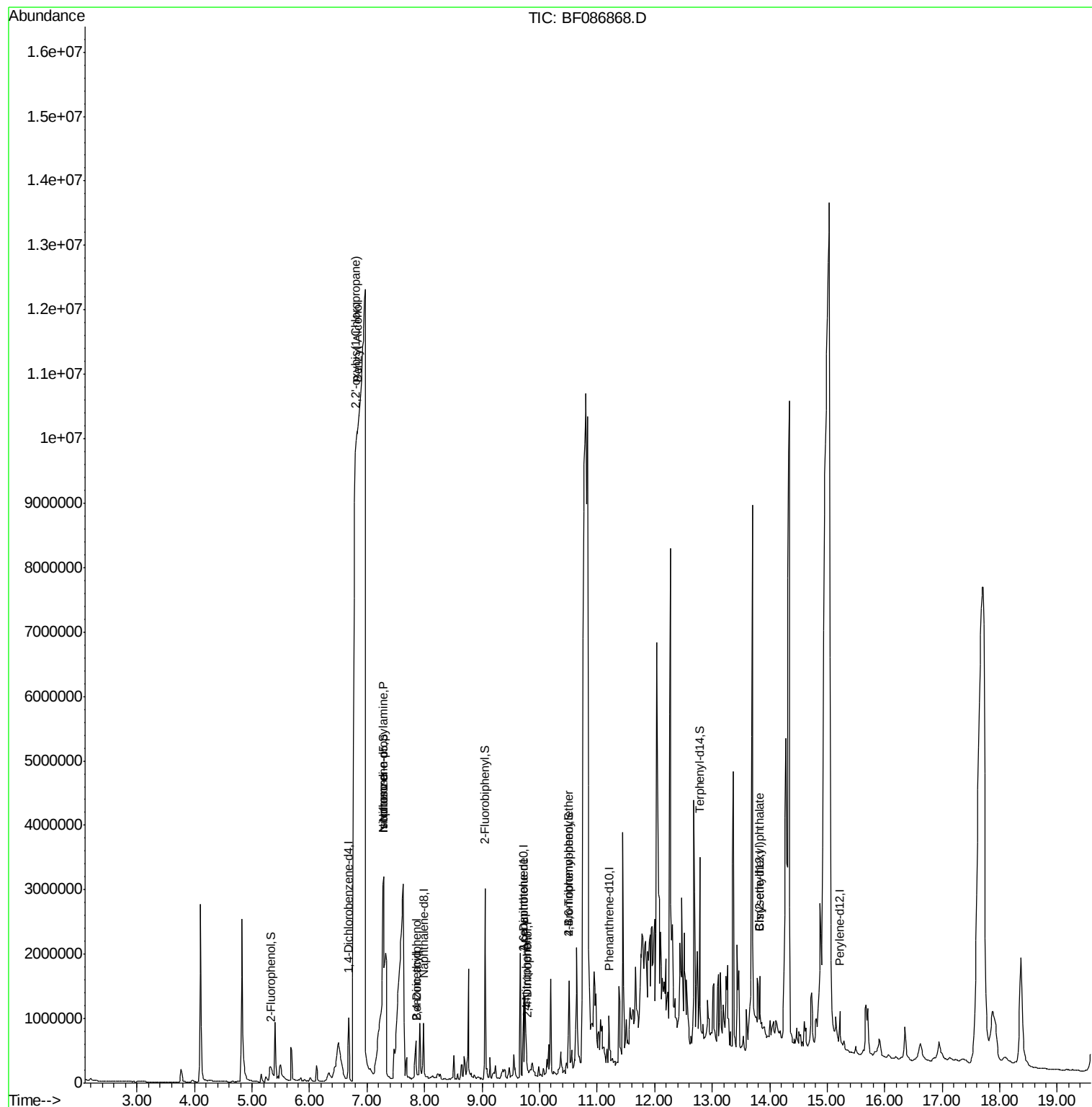
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	132968	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	491702	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	208335	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	306479	20.00	ng	0.00
75) Chrysene-d12	13.83	240	274456	20.00	ng	-0.01
86) Perylene-d12	15.22	264	233745	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	278253	35.44	ng	0.03
7) Phenol-d6	6.42	99	10639	1.01	ng	0.06
23) Nitrobenzene-d5	7.29	82	797570	81.45	ng	0.02
41) 2,4,6-Tribromophenol	10.51	330	129519	58.72	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1141001	92.05	ng	-0.01
78) Terphenyl-d14	12.78	244	809394	62.57	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	6.84	79	61376	8.47	ng	# 29
16) 2,2'-oxybis(1-Chloropropan	6.80	45	294226	13.91	ng	89
19) n-Nitroso-di-n-propylamine	7.29	70	397674	54.23	ng	# 59
25) Isophorone	7.29	82	797344	43.89	ng	# 68
27) 2,4-Dimethylphenol	7.86	122	61769	8.19	ng	# 8
32) Benzoic acid	7.86	122	67907	15.33	ng	95
50) 2,6-Dinitrotoluene	9.72	165	32132	9.61	ng	# 23
53) 2,4-Dinitrophenol	9.78	184	210	7.80	ng	# 35
55) 4-Nitrophenol	9.77	139	1126	5.01	ng	85
66) 4-Bromophenyl-phenylether	10.51	248	8156	2.62	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.83	149	36796	3.44	ng	98

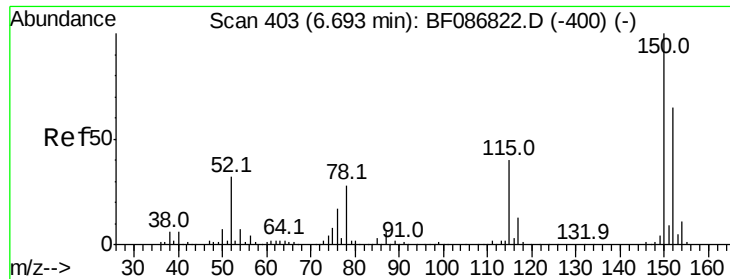
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF086868.D

Acq: 10 May 2016 19:13

Instrument :

BNA_F

ClientSampleId :

EFFWW

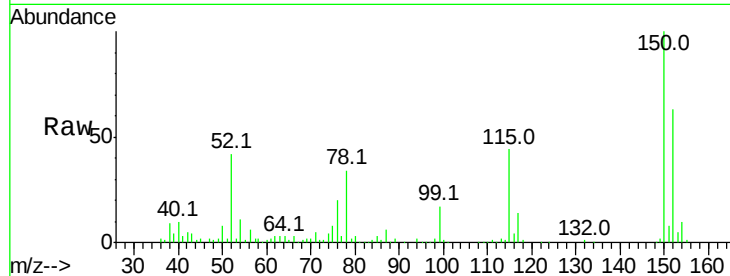
Tot Ion:152 Resp: 132968

Ion Ratio Lower Upper

152 100

150 159.1 125.8 188.6

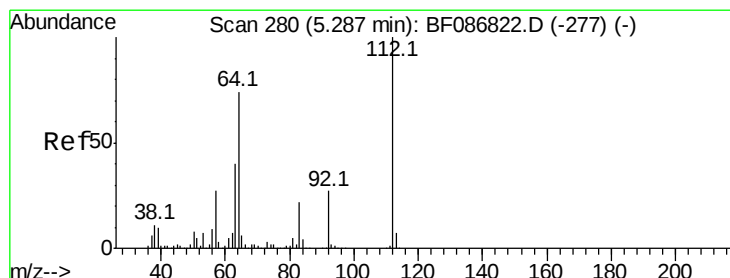
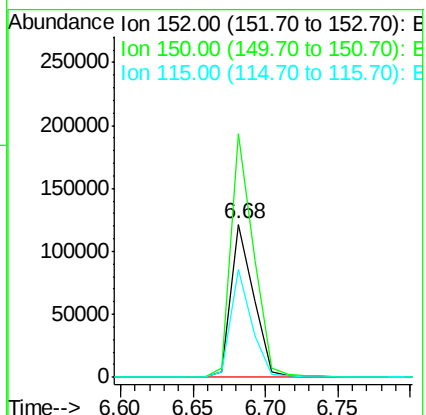
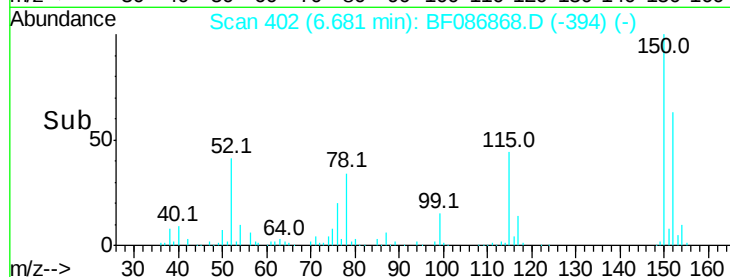
115 70.2 51.5 77.3



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



#5

2-Fluorophenol

Concen: 35.44 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.03 min

Lab File: BF086868.D

Acq: 10 May 2016 19:13

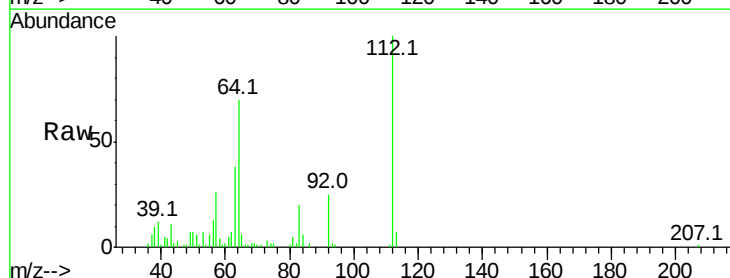
Tgt Ion:112 Resp: 278253

Ion Ratio Lower Upper

112 100

64 69.8 52.1 78.1

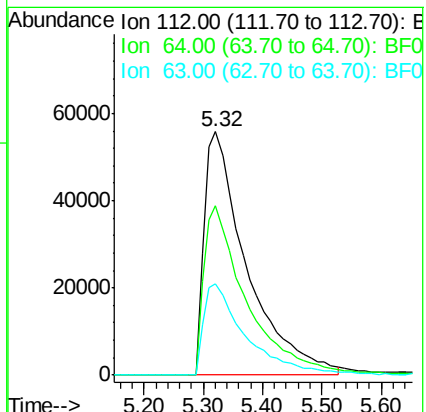
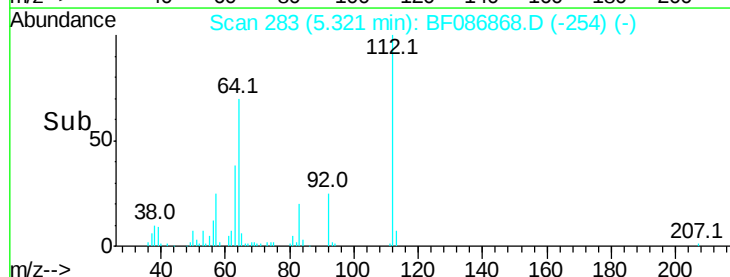
63 37.6 25.7 38.5

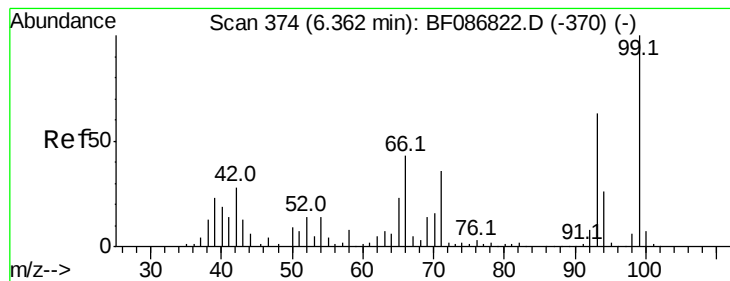


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 1.01 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.06 min

Lab File: BF086868.D

Acq: 10 May 2016 19:13

Instrument :

BNA_F

ClientSampleId :

EFFWW

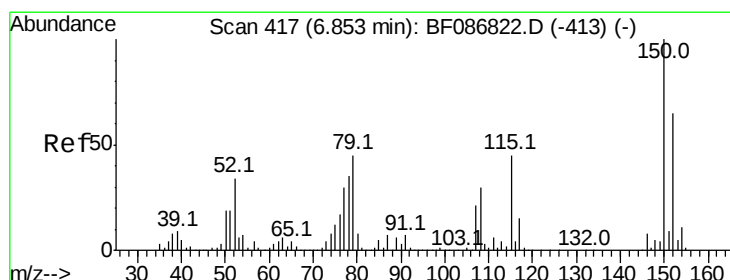
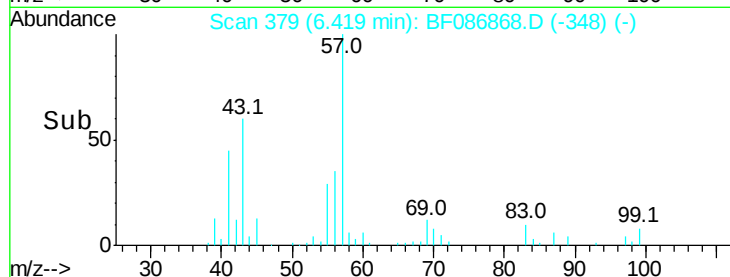
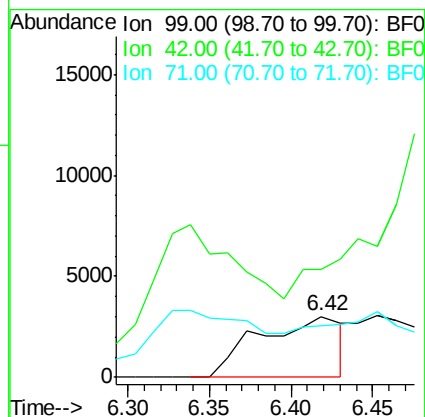
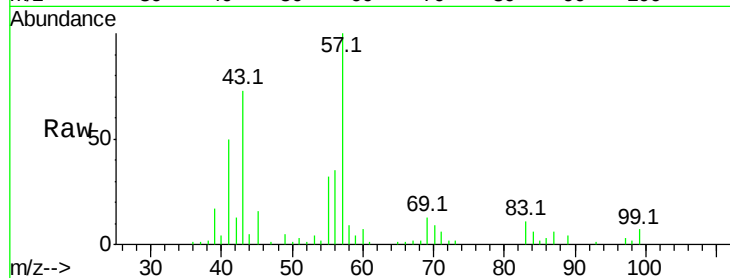
Tot Ion: 99 Resp: 10639

Ion Ratio Lower Upper

99 100

42 177.1 13.6 20.4#

71 84.0 24.6 36.8#



#15

Benzyl Alcohol

Concen: 8.47 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF086868.D

Acq: 10 May 2016 19:13

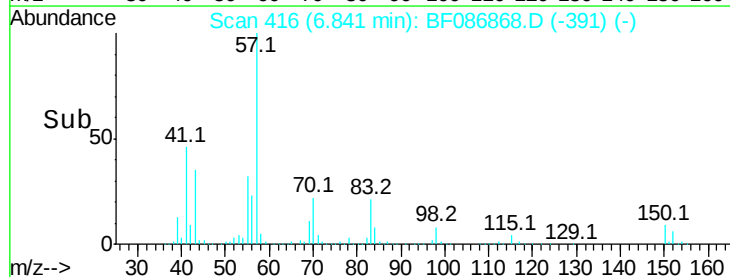
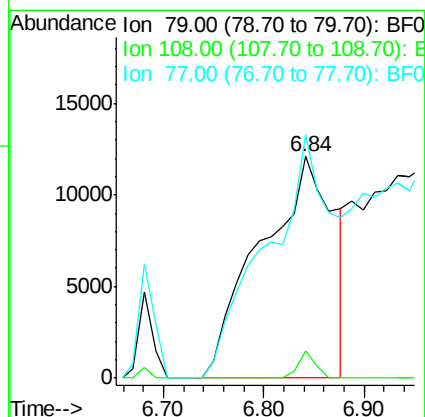
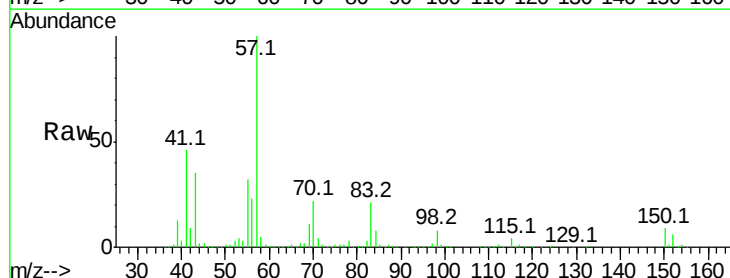
Tgt Ion: 79 Resp: 61376

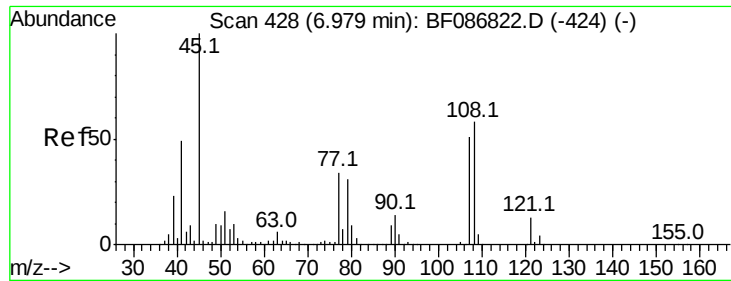
Ion Ratio Lower Upper

79 100

108 12.3 68.4 102.6#

77 110.0 50.6 76.0#

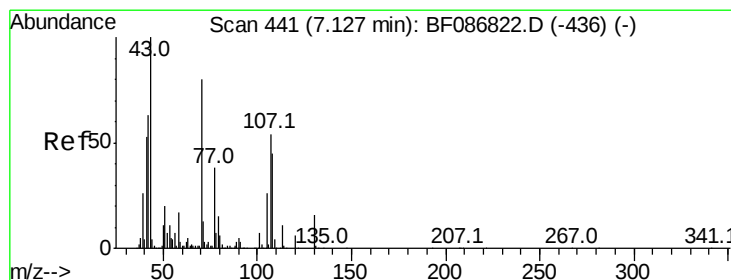
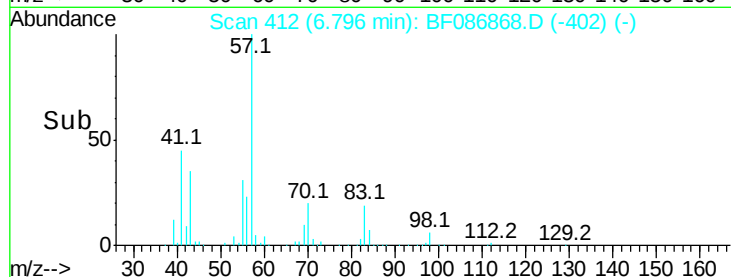
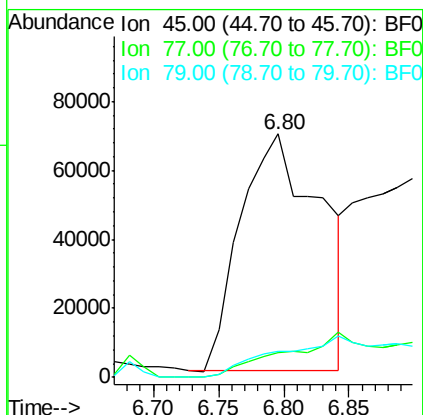
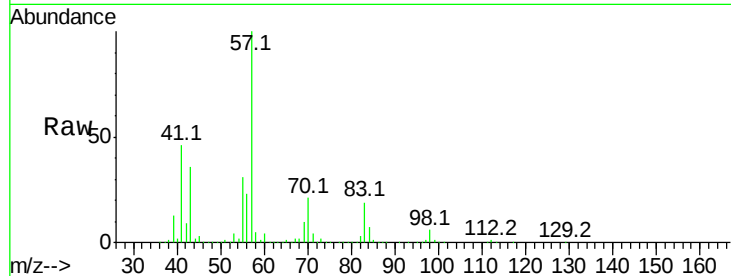




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 13.91 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.18 min
Lab File: BF086868.D
Acq: 10 May 2016 19:13

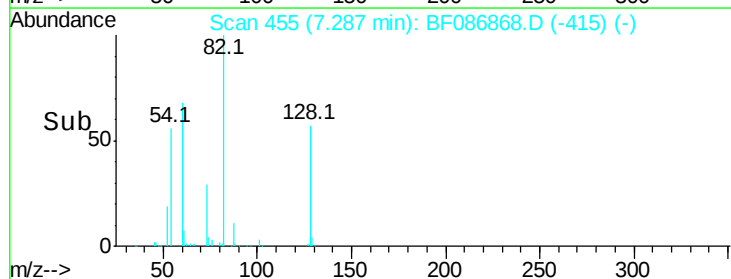
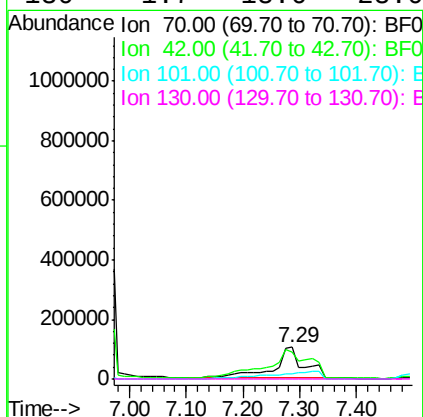
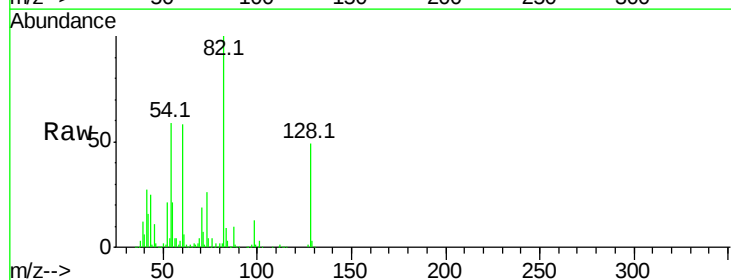
Instrument :
BNA_F
ClientSampleId :
EFFWW

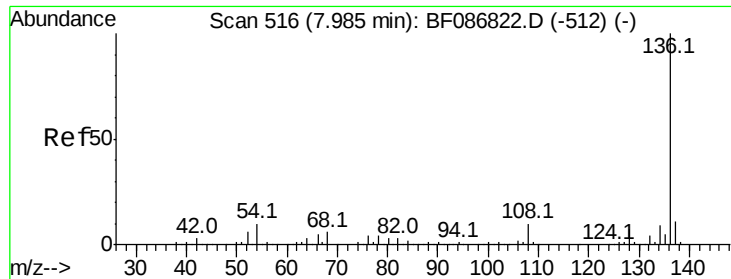
Tot Ion: 45 Resp: 294226
Ion Ratio Lower Upper
45 100
77 10.0 0.0 36.4
79 10.6 0.0 33.4



#19
n-Nitroso-di-n-propylamine
Concen: 54.23 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.16 min
Lab File: BF086868.D
Acq: 10 May 2016 19:13

Tgt Ion: 70 Resp: 397674
Ion Ratio Lower Upper
70 100
42 86.1 43.1 64.7#
101 16.1 8.1 12.1#
130 1.7 18.6 28.0#

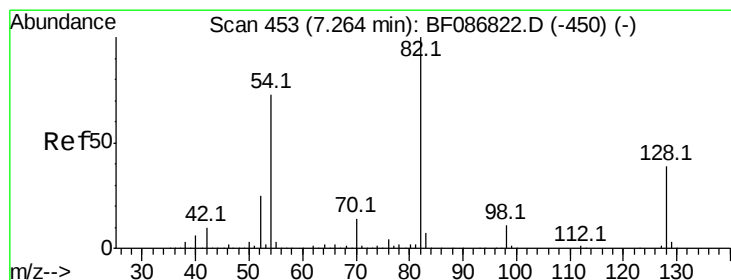
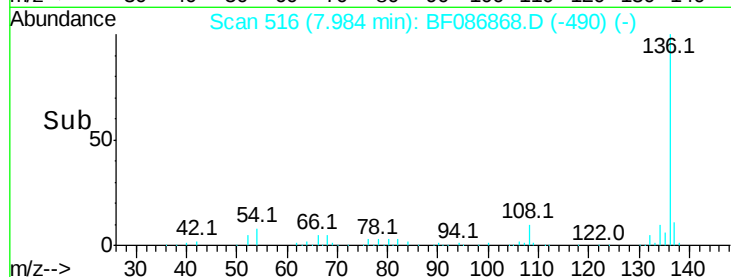
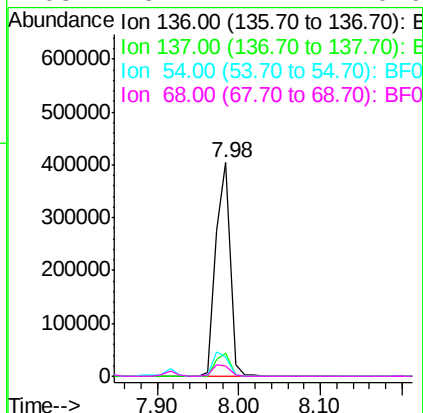
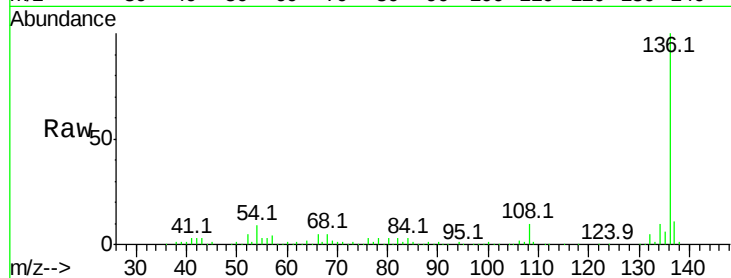




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF086868.D
Acq: 10 May 2016 19:13

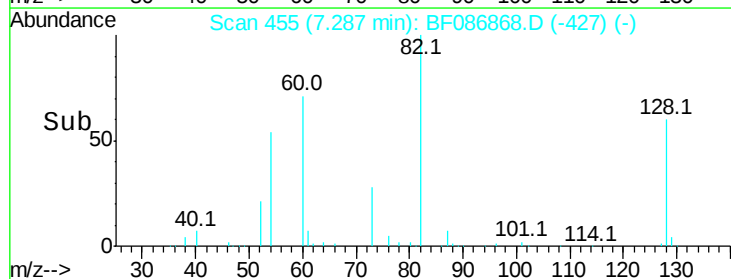
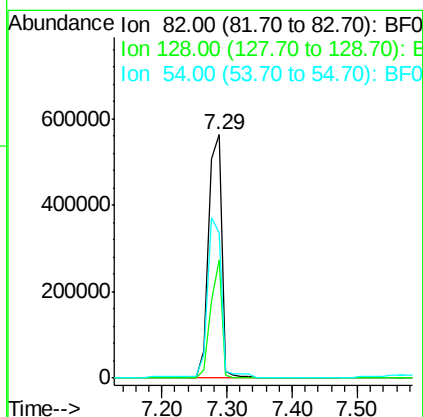
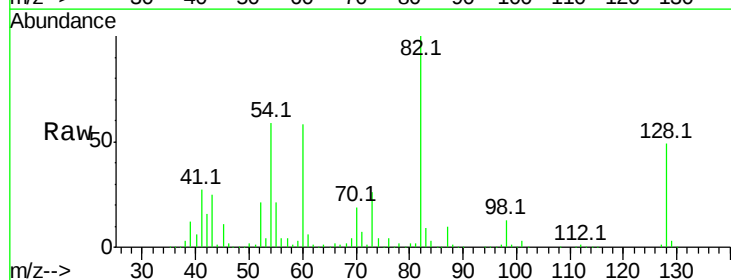
Instrument :
BNA_F
ClientSampleId :
EFFWW

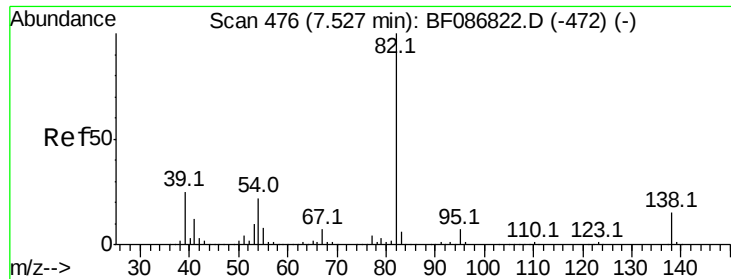
Tot Ion:	136	Resp:	491702
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.8	5.0	7.4#
68	5.1	4.4	6.6



#23
Nitrobenzene-d5
Concen: 81.45 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.02 min
Lab File: BF086868.D
Acq: 10 May 2016 19:13

Tgt Ion:	82	Resp:	797570
Ion	Ratio	Lower	Upper
82	100		
128	48.6	40.6	61.0
54	59.5	38.1	57.1#





#25

Isophorone

Concen: 43.89 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.24 min

Lab File: BF086868.D

Acq: 10 May 2016 19:13

Instrument :

BNA_F

ClientSampleId :

EFFWW

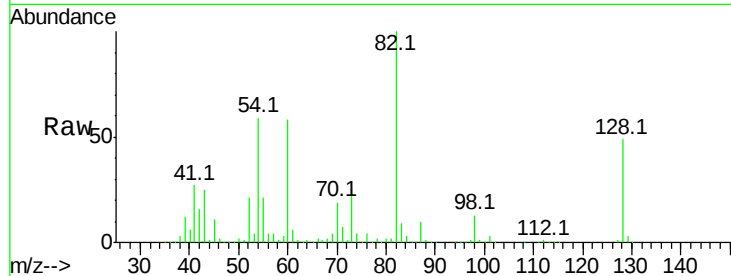
Tot Ion: 82 Resp: 797344

Ion Ratio Lower Upper

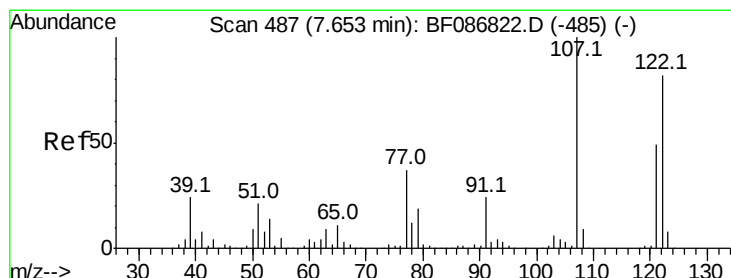
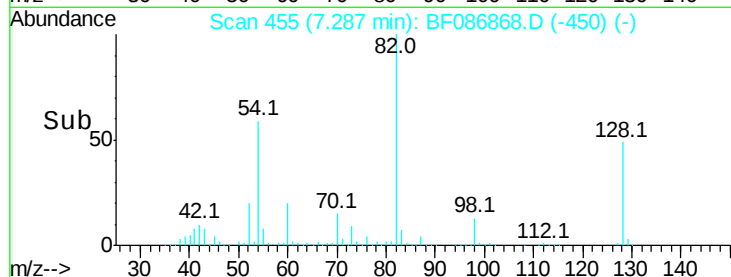
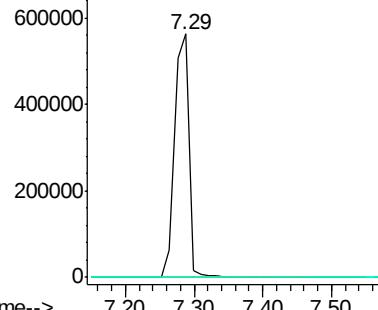
82 100

95 0.1 5.1 7.7#

138 0.0 12.4 18.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#27

2,4-Dimethylphenol

Concen: 8.19 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.21 min

Lab File: BF086868.D

Acq: 10 May 2016 19:13

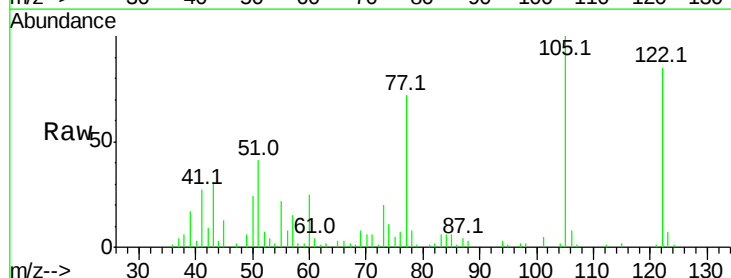
Tgt Ion:122 Resp: 61769

Ion Ratio Lower Upper

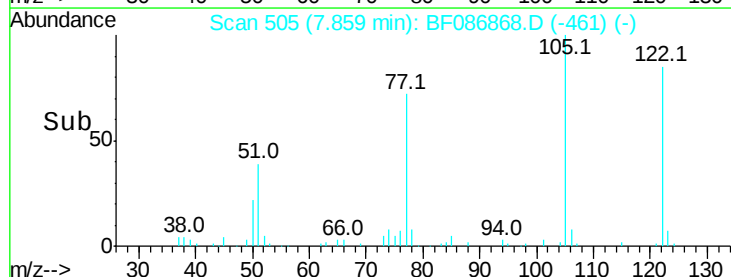
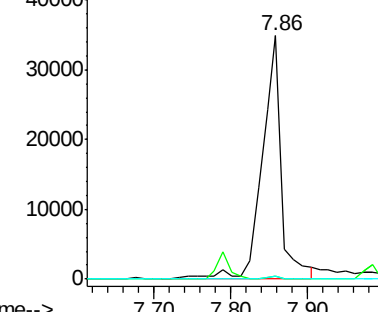
122 100

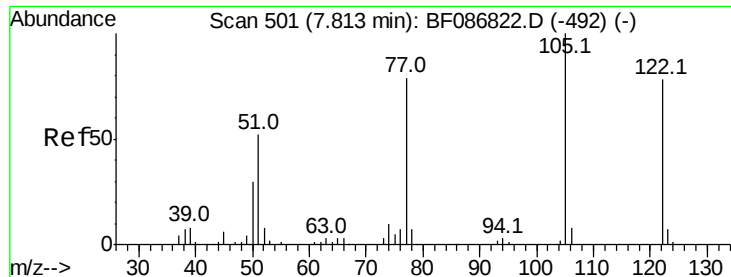
107 1.0 82.0 123.0#

121 1.0 46.1 69.1#



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





#32

Benzoic acid

Concen: 15.33 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.05 min

Lab File: BF086868.D

Acq: 10 May 2016 19:13

Instrument :

BNA_F

ClientSampleId :

EFFWW

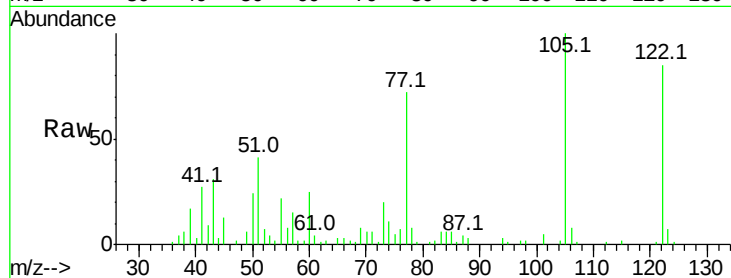
Tot Ion:122 Resp: 67907

Ion Ratio Lower Upper

122 100

105 117.9 92.6 132.6

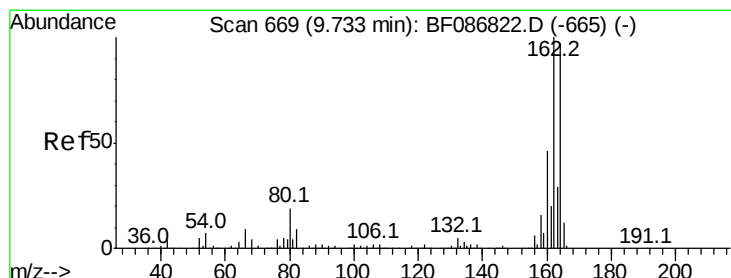
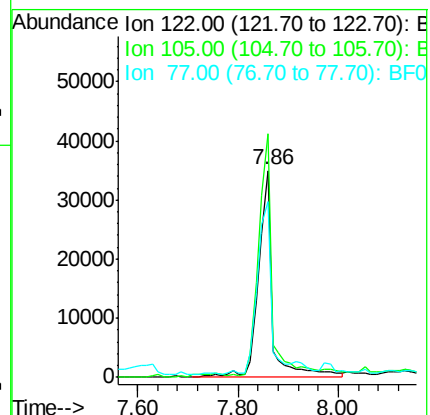
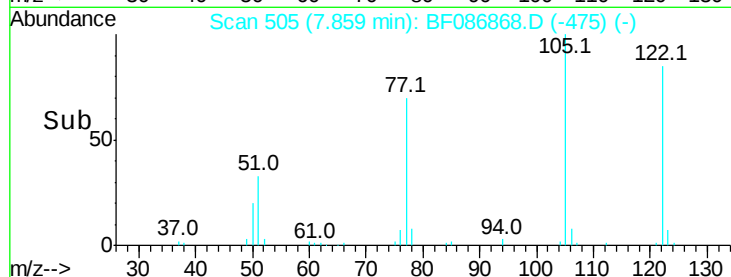
77 84.9 60.0 100.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF086868.D

Acq: 10 May 2016 19:13

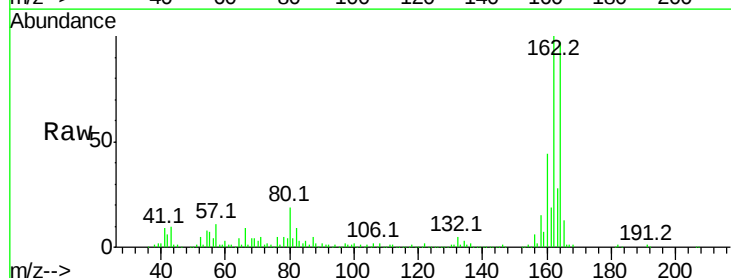
Tgt Ion:164 Resp: 208335

Ion Ratio Lower Upper

164 100

162 103.5 82.8 124.2

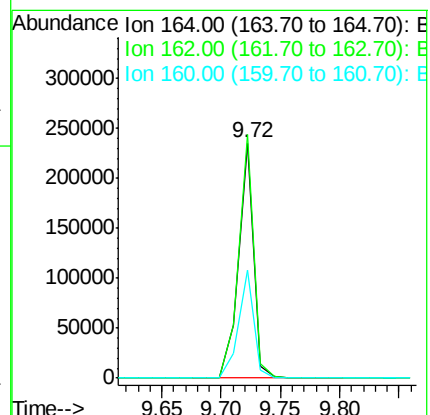
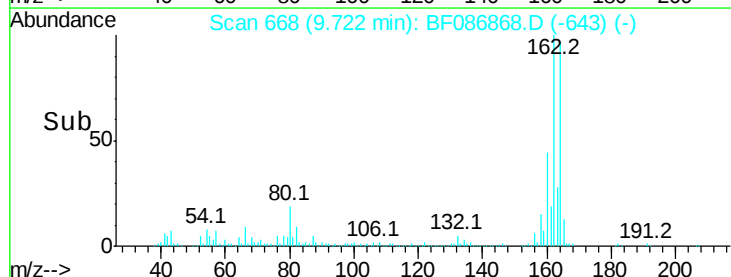
160 45.6 36.9 55.3

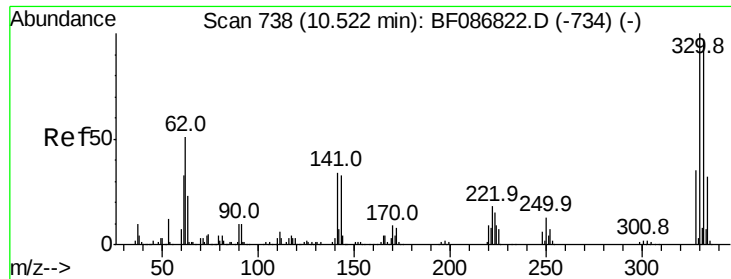


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

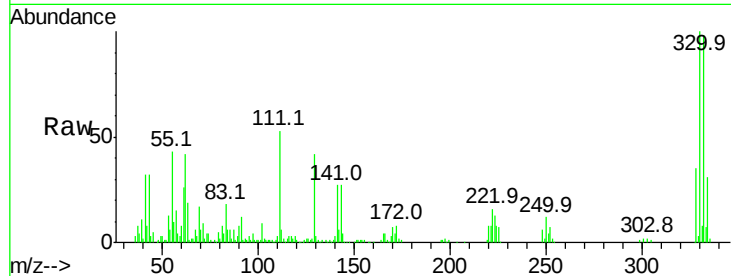




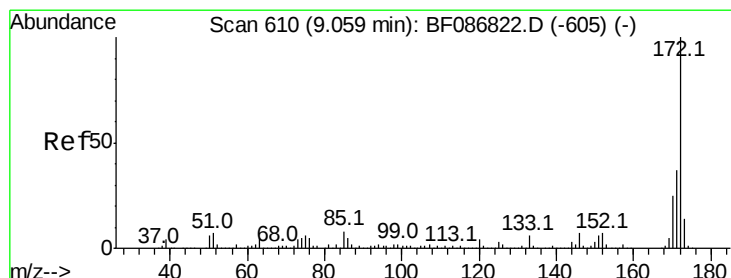
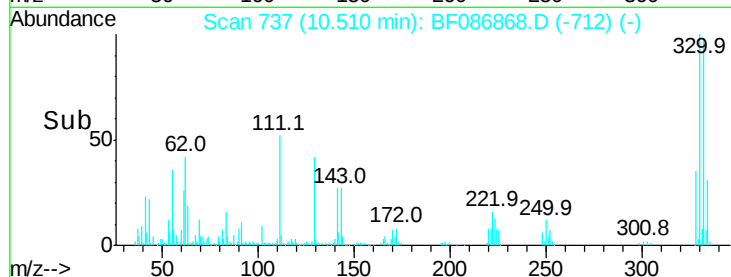
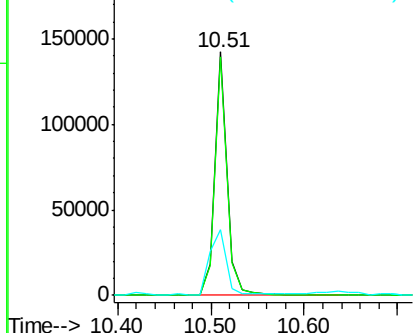
#41
 2,4,6-Tribromophenol
 Concen: 58.72 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF086868.D
 Acq: 10 May 2016 19:13

Instrument :
 BNA_F
 ClientSampleId :
 EFFWW

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	79.0	118.4
141	36.8	31.2	46.8

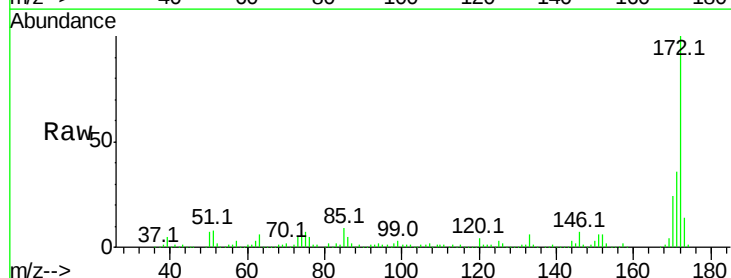


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

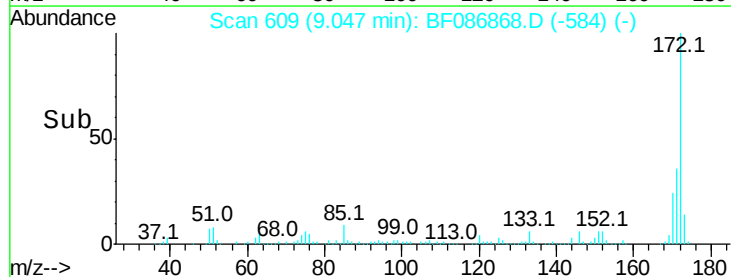
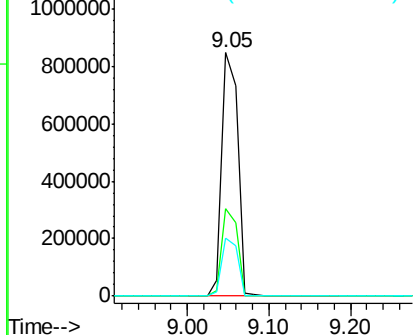


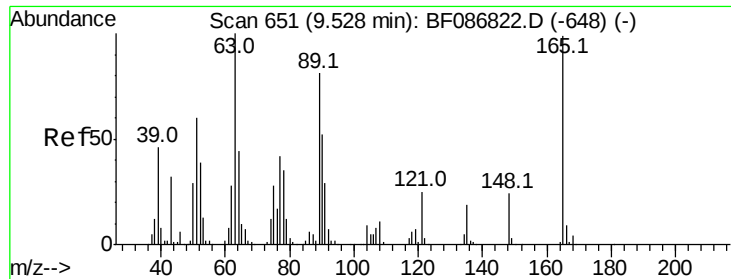
#44
 2-Fluorobiphenyl
 Concen: 92.05 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086868.D
 Acq: 10 May 2016 19:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	24.0	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





#50

2,6-Dinitrotoluene

Concen: 9.61 ng

RT: 9.72 min Scan# 668

Delta R.T. 0.19 min

Lab File: BF086868.D

Acq: 10 May 2016 19:13

Instrument :

BNA_F

ClientSampleId :

EFFWW

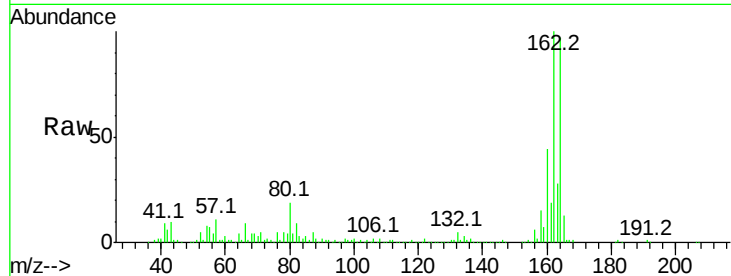
Tot Ion:165 Resp: 32132

Ion Ratio Lower Upper

165 100

63 3.3 51.8 77.8#

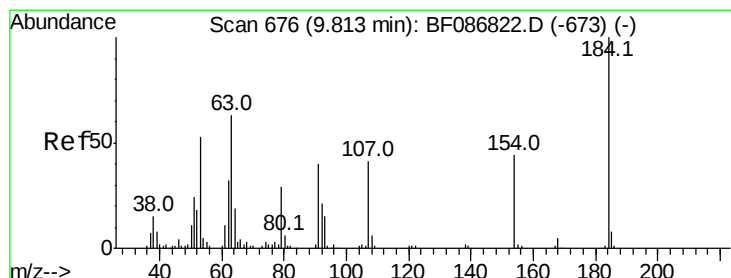
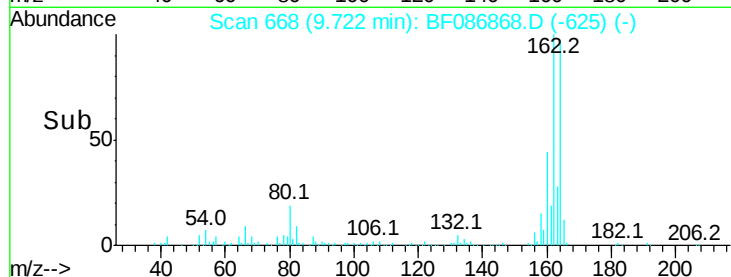
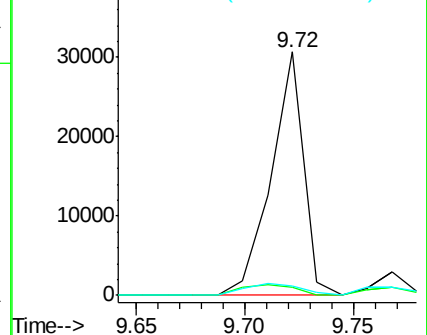
89 3.7 50.7 76.1#



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



#53

2,4-Dinitrophenol

Concen: 7.80 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.03 min

Lab File: BF086868.D

Acq: 10 May 2016 19:13

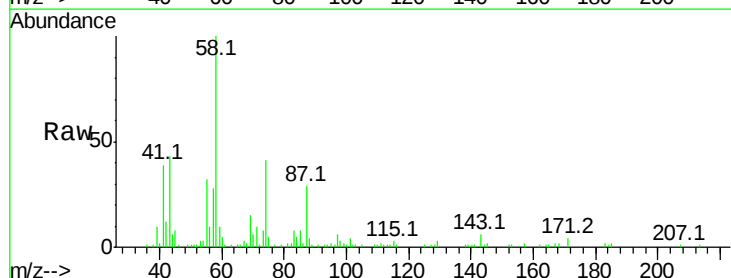
Tgt Ion:184 Resp: 210

Ion Ratio Lower Upper

184 100

63 100.7 55.8 83.8#

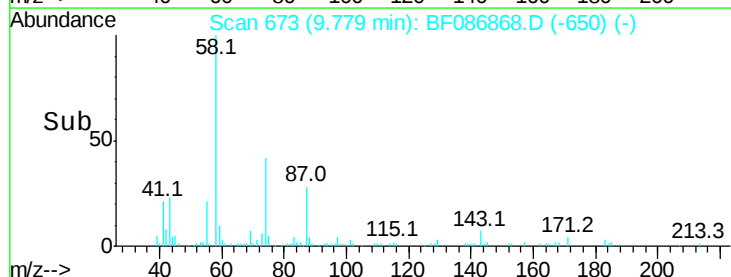
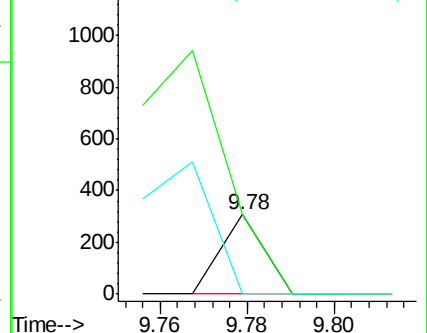
154 0.0 62.4 93.6#

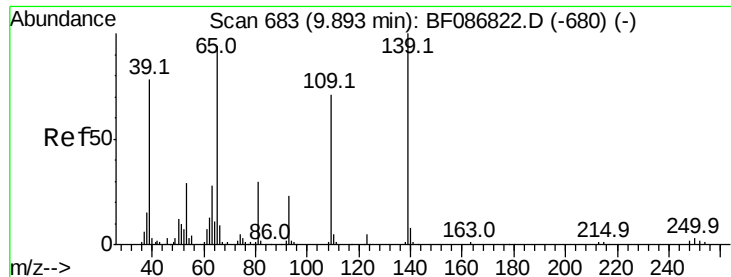


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#55

4-Nitrophenol

Concen: 5.01 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.13 min

Lab File: BF086868.D

Acq: 10 May 2016 19:13

Instrument :

BNA_F

ClientSampleId :

EFFWW

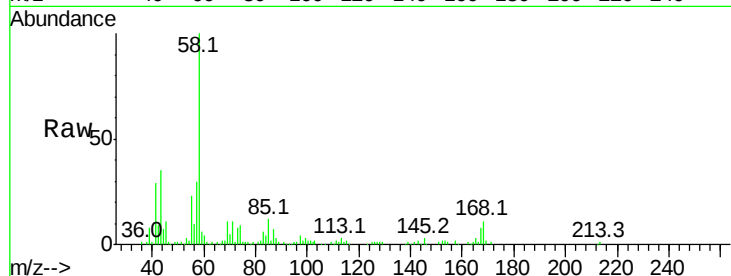
Tot Ion:139 Resp: 1126

Ion Ratio Lower Upper

139 100

109 68.3 36.9 76.9

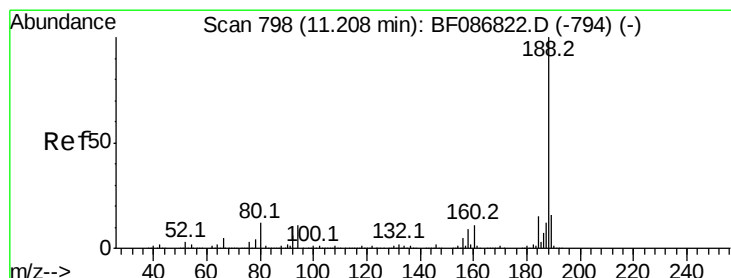
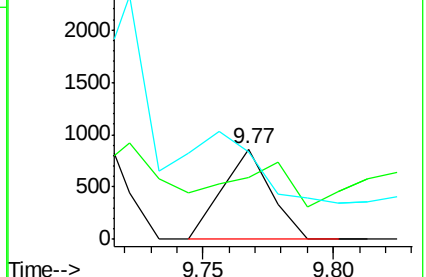
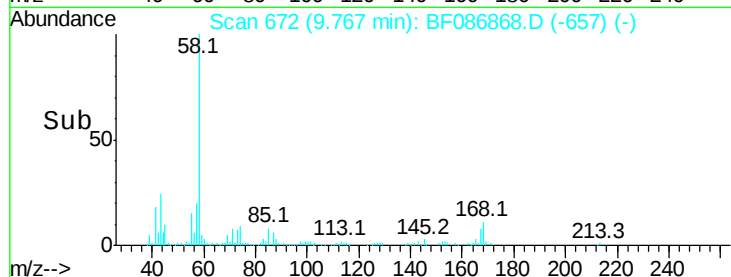
65 97.0 64.0 104.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF086868.D

Acq: 10 May 2016 19:13

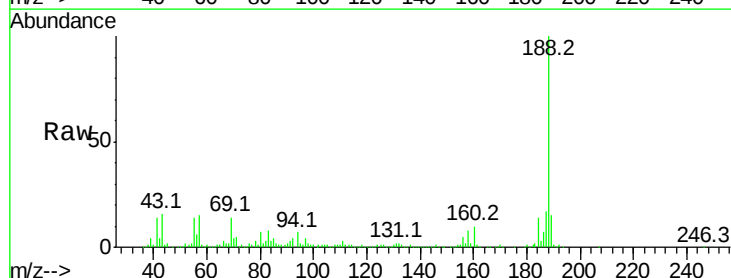
Tgt Ion:188 Resp: 306479

Ion Ratio Lower Upper

188 100

94 7.0 6.8 10.2

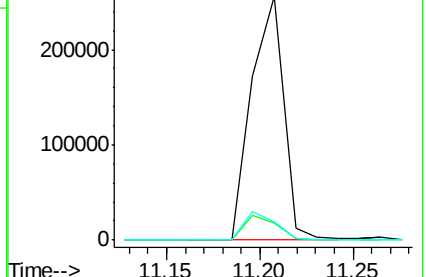
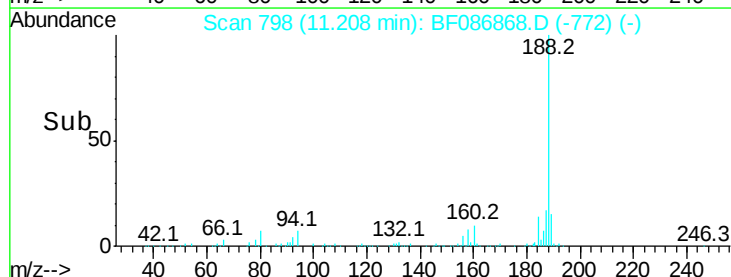
80 7.5 7.1 10.7

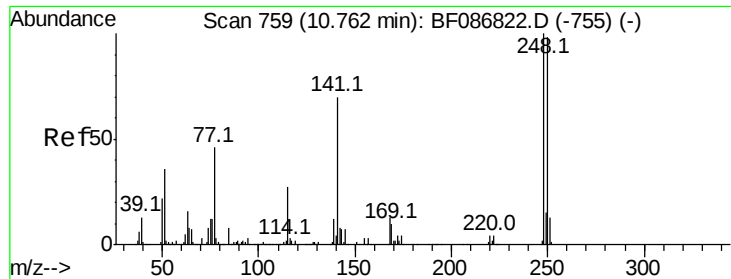


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

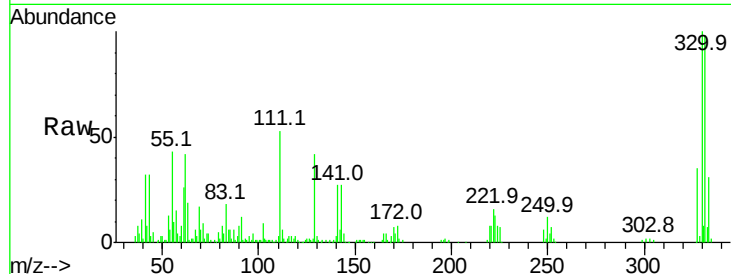




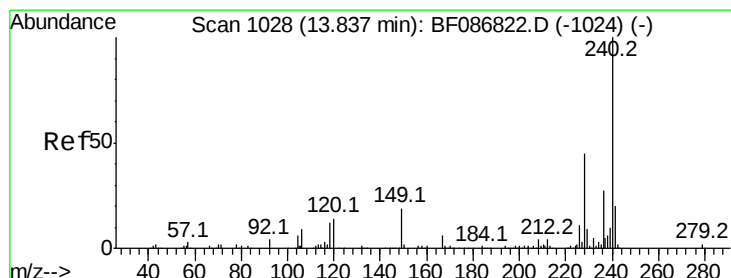
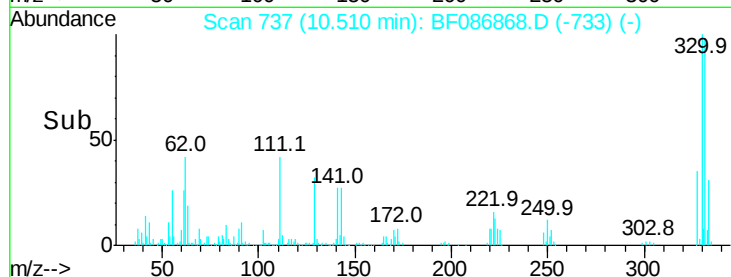
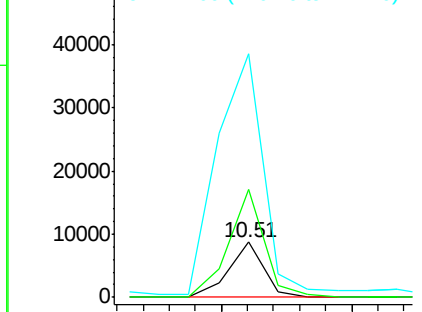
#66
 4-Bromophenyl-phenylether
 Concen: 2.62 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.25 min
 Lab File: BF086868.D
 Acq: 10 May 2016 19:13

Instrument :
 BNA_F
 ClientSampled :
 EFFWW

Tot Ion:248 Resp: 8156
 Ion Ratio Lower Upper
 248 100
 250 197.2 78.6 117.8#
 141 442.6 76.0 114.0#

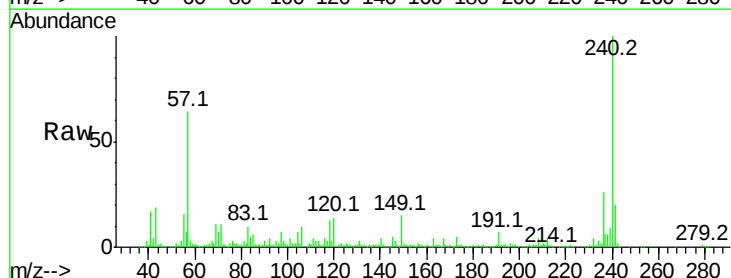


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

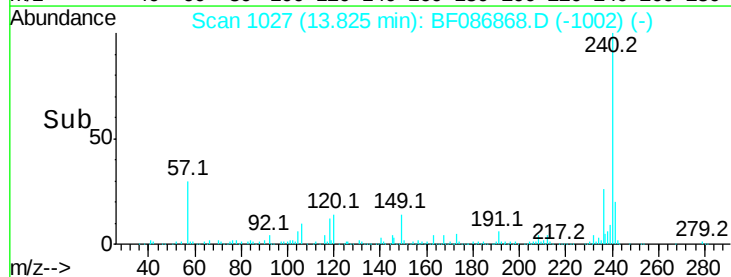
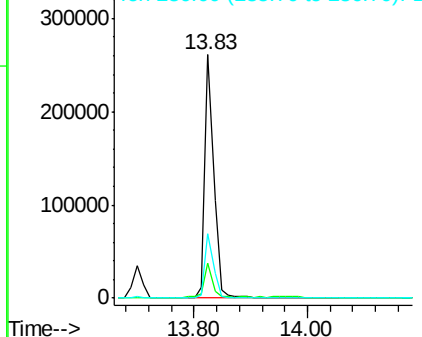


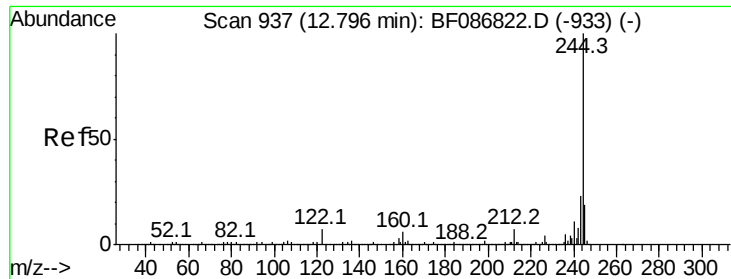
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BF086868.D
 Acq: 10 May 2016 19:13

Tgt Ion:240 Resp: 274456
 Ion Ratio Lower Upper
 240 100
 120 14.2 11.2 16.8
 236 26.2 21.2 31.8



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





#78

Terphenyl-d14

Concen: 62.57 ng

RT: 12.78 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF086868.D

Acq: 10 May 2016 19:13

Instrument :

BNA_F

ClientSampleId :

EFFWW

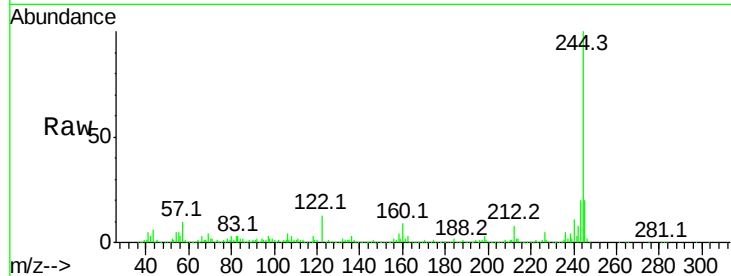
Tot Ion:244 Resp: 809394

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

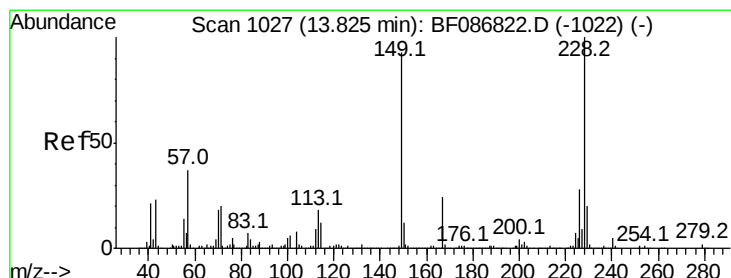
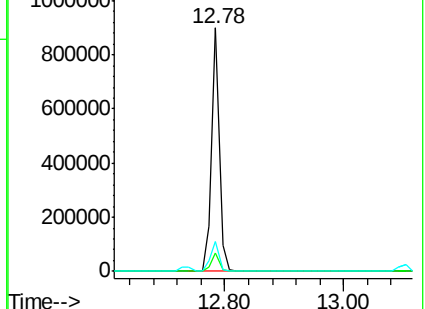
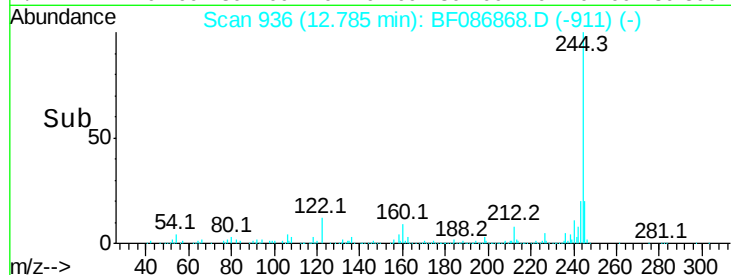
122 12.5 12.0 18.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.44 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BF086868.D

Acq: 10 May 2016 19:13

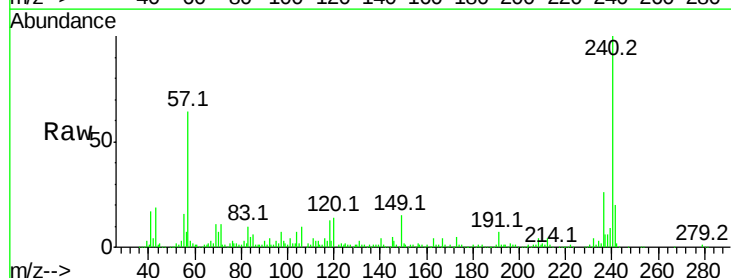
Tgt Ion:149 Resp: 36796

Ion Ratio Lower Upper

149 100

167 26.0 21.8 32.6

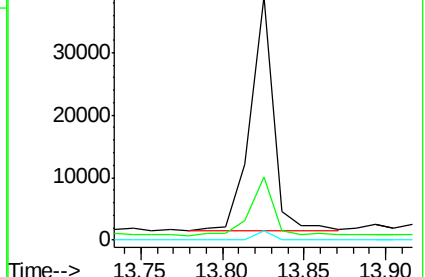
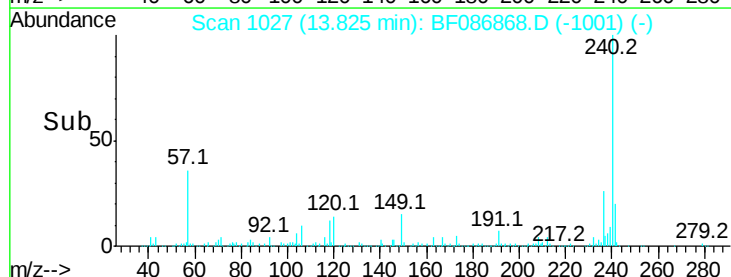
279 3.9 2.6 4.0

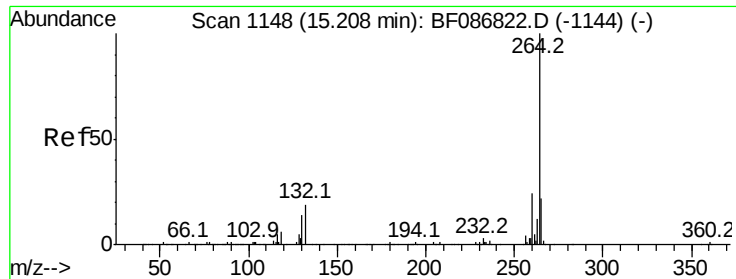


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

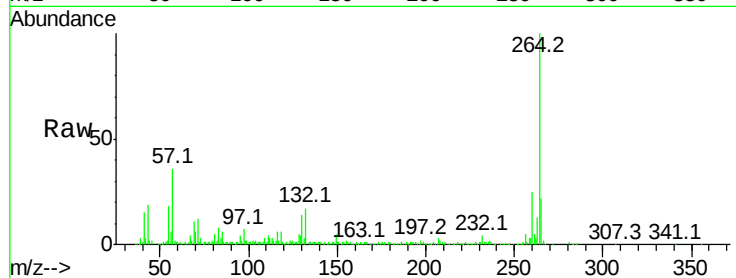




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF086868.D
Acq: 10 May 2016 19:13

Instrument :
BNA_F
ClientSampleId :
EFFWW

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.7	17.3	25.9



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

