

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011216\
 Data File : BF084413.D
 Acq On : 12 Jan 2016 16:41
 Operator : SJ/UM
 Sample : PB87765BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87765BL

Quant Time: Jan 13 00:32:52 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

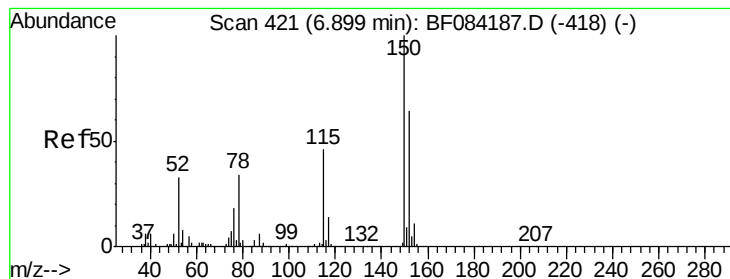
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	376972	20.00	ng	-0.06
21) Naphthalene-d8	8.12	136	1477058	20.00	ng	-0.07
38) Acenaphthene-d10	9.88	164	700338	20.00	ng	-0.07
63) Phenanthrene-d10	11.37	188	1280493	20.00	ng	-0.06
75) Chrysene-d12	14.01	240	1150293	20.00	ng	-0.06
86) Perylene-d12	15.43	264	822996	20.00	ng	-0.08

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	2158959	92.63	ng	-0.03
7) Phenol-d6	6.49	99	2411739	82.39	ng	-0.05
23) Nitrobenzene-d5	7.40	82	1696839	63.94	ng	-0.07
41) 2,4,6-Tribromophenol	10.67	330	660153	93.37	ng	-0.07
44) 2-Fluorobiphenyl	9.21	172	2621770	64.32	ng	-0.06
78) Terphenyl-d14	12.96	244	2494128	48.40	ng	-0.06

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	226630	11.44	ng	# 71
25) Isophorone	7.40	82	1551173	30.56	ng	# 66
32) Benzoic acid	7.85	122	767	6.29	ng	# 87
50) 2,6-Dinitrotoluene	9.88	165	93007	8.47	ng	# 38
56) 2,4-Dinitrotoluene	9.88	165	93013	6.69	ng	# 21
57) Fluorene	10.67	166	27881	Below Cal		# 90
64) 4,6-Dinitro-2-methylphenol	10.67	198	1142	6.53	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	39858	2.89	ng	# 1
73) Di-n-butylphthalate	11.93	149	3034	Below Cal		# 83

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

```
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Data File : BF084413.D  
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Operator  : SJ/UM  
Sample    : PB87765BL  
Misc      :  
ALS Vial  : 3      Sample Multiplier: 1
```



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.06 min

Lab File: BF084413.D

Acq: 12 Jan 2016 16:41

Instrument :

BNA_F

ClientSampleId :

PB87765BL

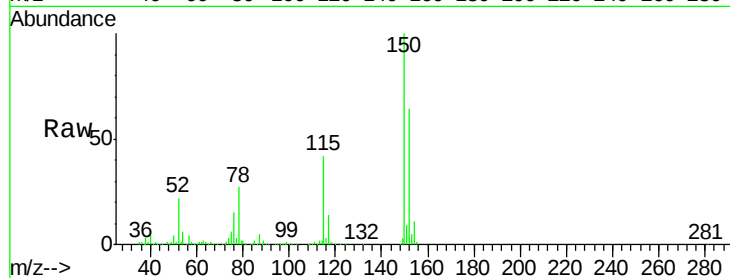
Tgt Ion:152 Resp: 376972

Ion Ratio Lower Upper

152 100

150 156.6 123.0 184.4

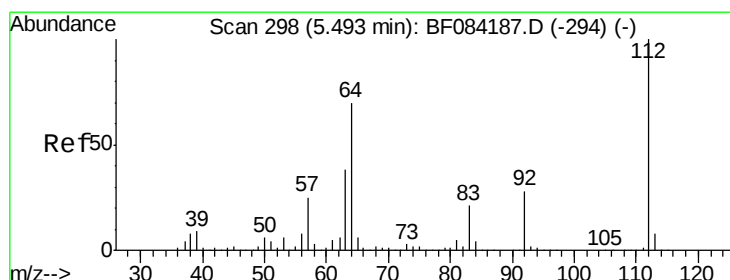
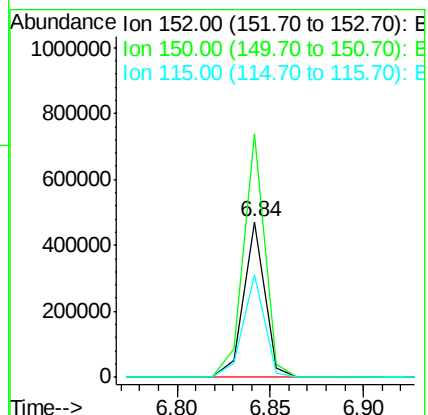
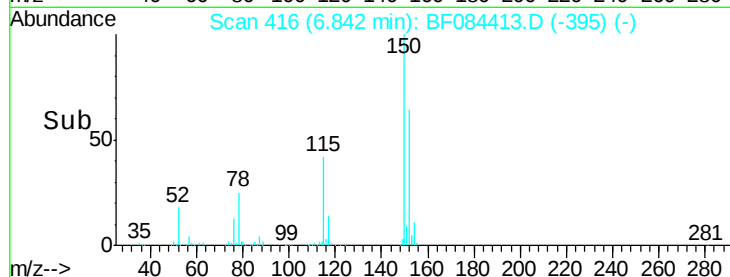
115 66.2 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 92.63 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.03 min

Lab File: BF084413.D

Acq: 12 Jan 2016 16:41

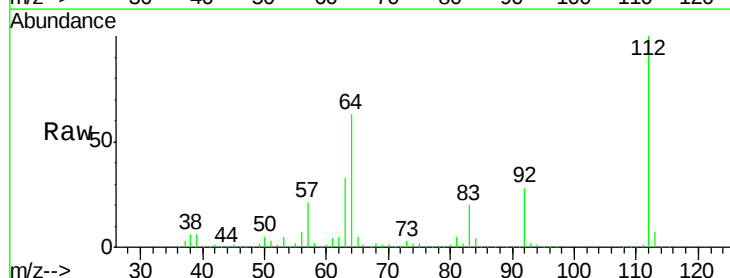
Tgt Ion:112 Resp: 2158959

Ion Ratio Lower Upper

112 100

64 63.1 36.6 55.0#

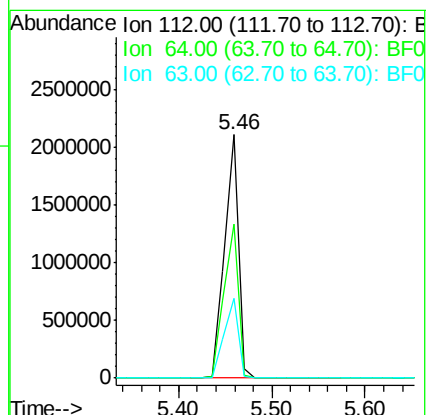
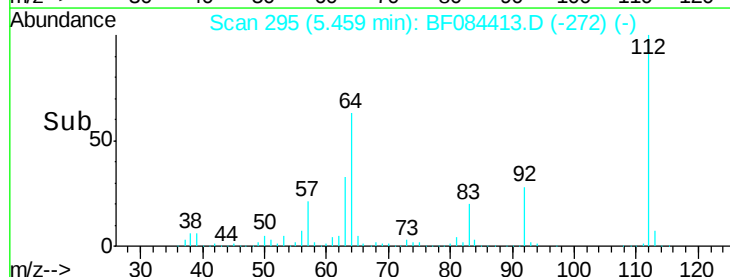
63 32.8 19.4 29.0#

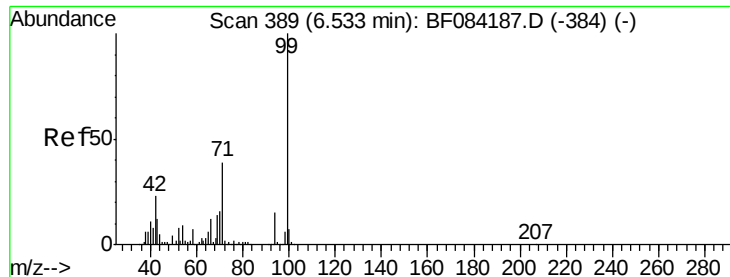


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 82.39 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.05 min

Lab File: BF084413.D

Acq: 12 Jan 2016 16:41

Instrument :

BNA_F

ClientSampleId :

PB87765BL

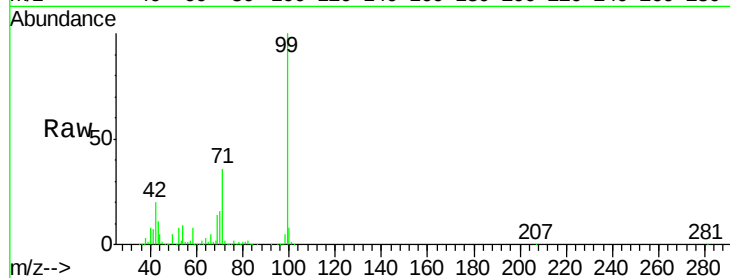
Tgt Ion: 99 Resp: 2411739

Ion Ratio Lower Upper

99 100

42 20.2 12.8 19.2#

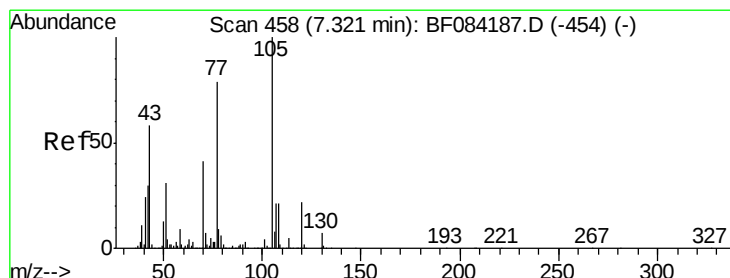
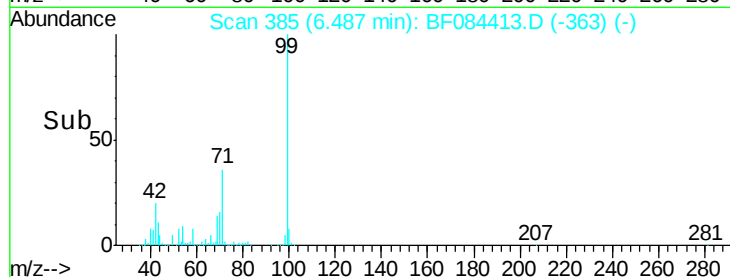
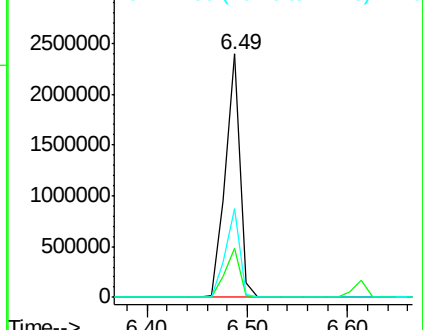
71 36.5 30.9 46.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.44 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.08 min

Lab File: BF084413.D

Acq: 12 Jan 2016 16:41

Tgt Ion: 70 Resp: 226630

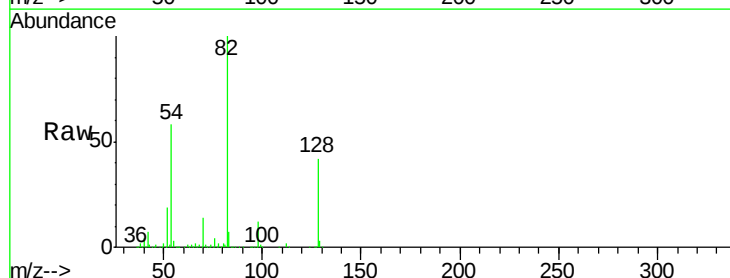
Ion Ratio Lower Upper

70 100

42 50.7 33.3 49.9#

101 0.0 9.3 13.9#

130 2.1 23.4 35.0#

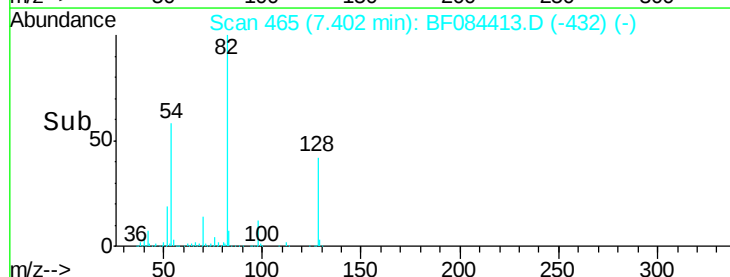
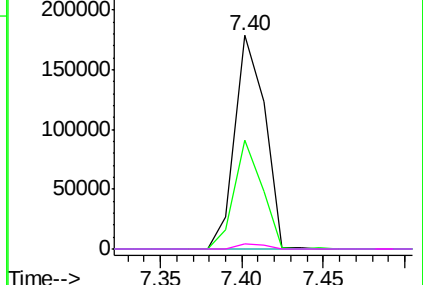


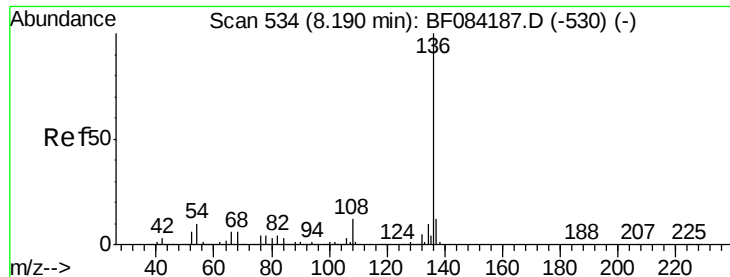
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

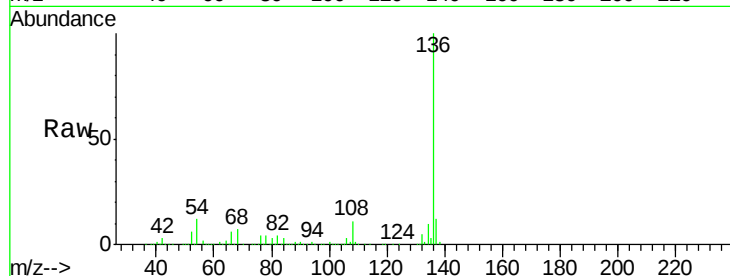




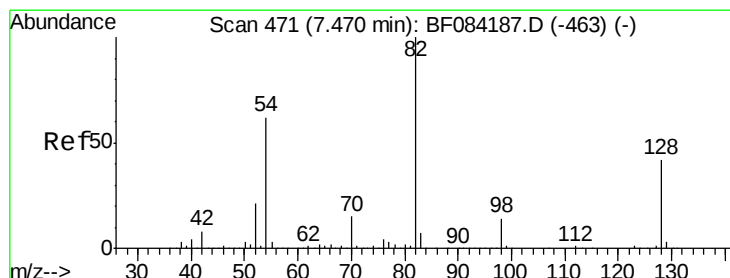
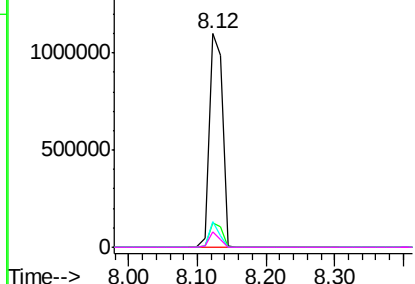
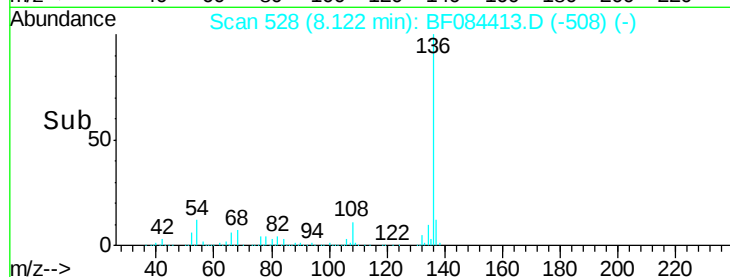
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.07 min
Lab File: BF084413.D
Acq: 12 Jan 2016 16:41

Instrument :
BNA_F
ClientSampleId :
PB87765BL

Tgt Ion:136 Resp: 1477058
Ion Ratio Lower Upper
136 100
137 11.5 8.7 13.1
54 11.9 5.8 8.8#
68 7.5 4.2 6.2#

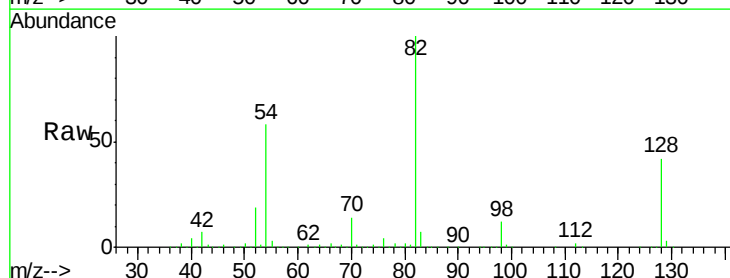


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

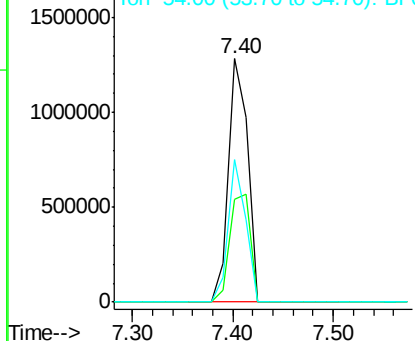
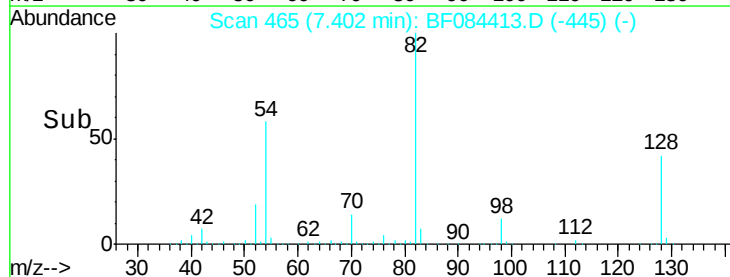


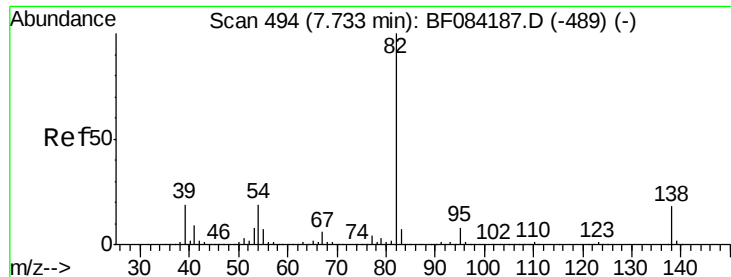
#23
Nitrobenzene-d5
Concen: 63.94 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.07 min
Lab File: BF084413.D
Acq: 12 Jan 2016 16:41

Tgt Ion: 82 Resp: 1696839
Ion Ratio Lower Upper
82 100
128 42.3 34.6 51.8
54 58.4 38.4 57.6#



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





#25

Isophorone

Concen: 30.56 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.33 min

Lab File: BF084413.D

Acq: 12 Jan 2016 16:41

Instrument :

BNA_F

ClientSampleId :

PB87765BL

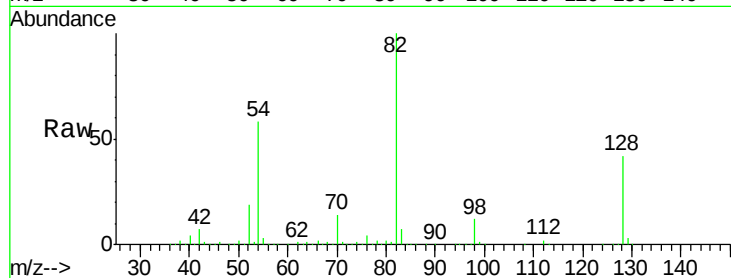
Tgt Ion: 82 Resp: 1551173

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

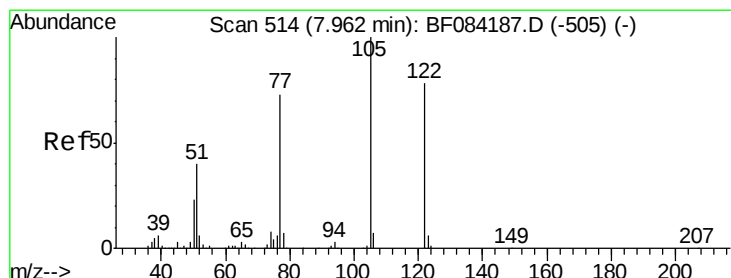
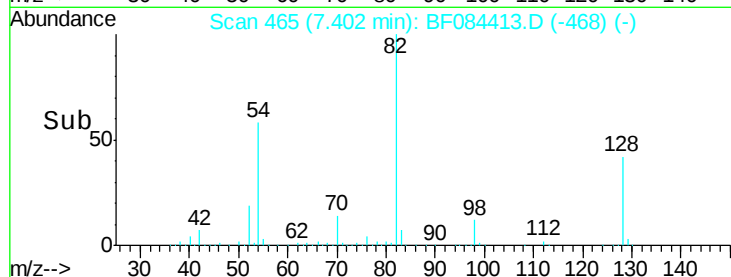
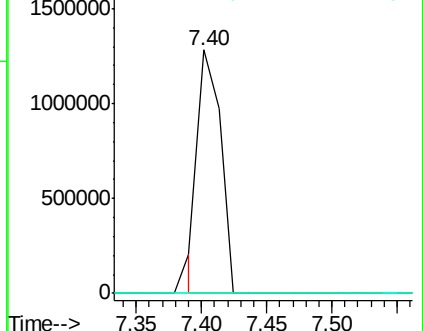
138 0.0 13.6 20.4#



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



#32

Benzoic acid

Concen: 6.29 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.11 min

Lab File: BF084413.D

Acq: 12 Jan 2016 16:41

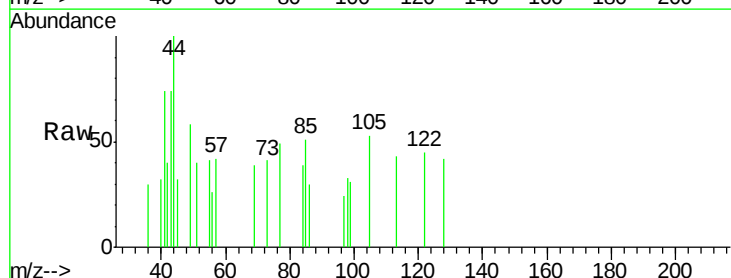
Tgt Ion: 122 Resp: 767

Ion Ratio Lower Upper

122 100

105 117.1 100.3 140.3

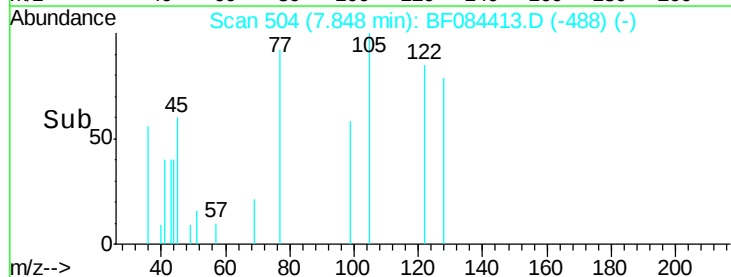
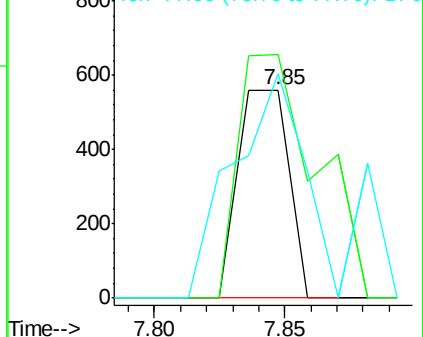
77 107.7 63.5 103.5#

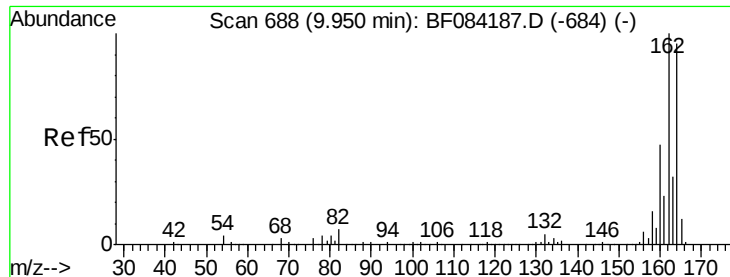


Abundance Ion 122.00 (121.70 to 122.70): E

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: 9.88 min Scan# 682

Delta R.T. -0.07 min

Lab File: BF084413.D

Acq: 12 Jan 2016 16:41

Instrument :

BNA_F

ClientSampleId :

PB87765BL

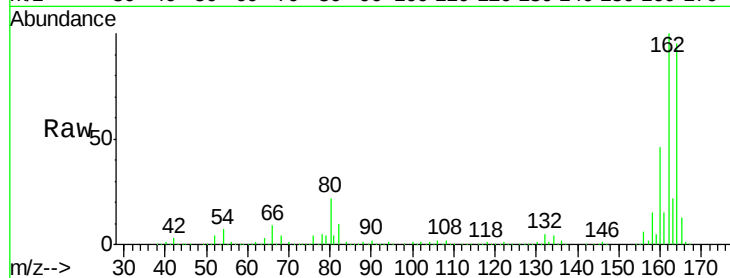
Tgt Ion:164 Resp: 700338

Ion Ratio Lower Upper

164 100

162 104.9 85.1 127.7

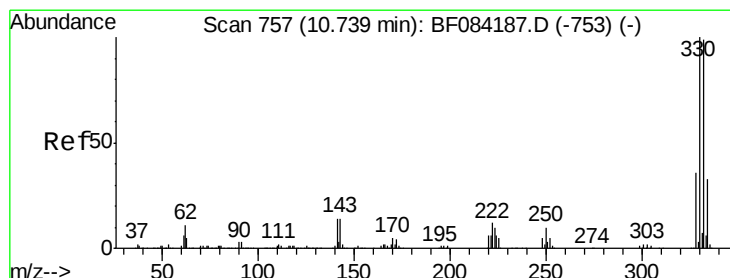
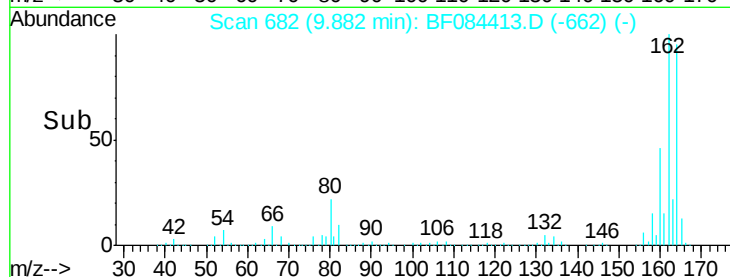
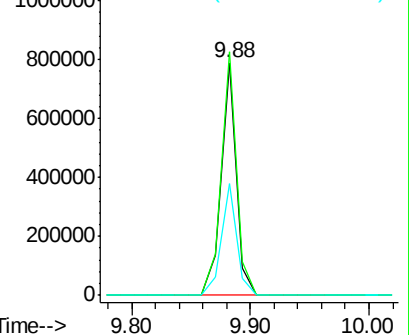
160 47.9 37.5 56.3



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: 93.37 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.07 min

Lab File: BF084413.D

Acq: 12 Jan 2016 16:41

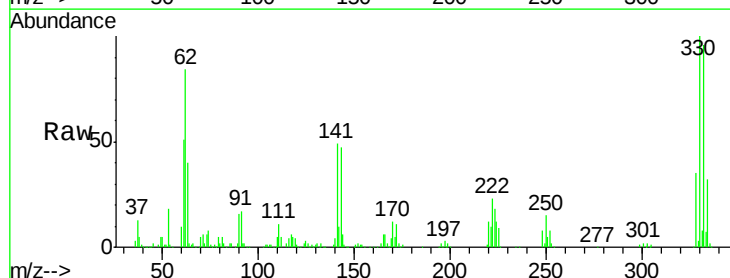
Tgt Ion:330 Resp: 660153

Ion Ratio Lower Upper

330 100

332 96.2 76.6 114.8

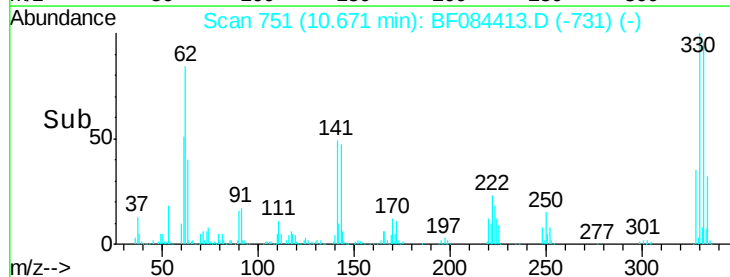
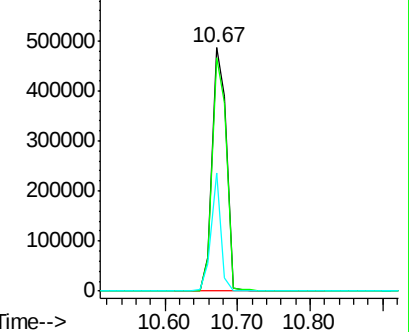
141 33.8 27.8 41.6

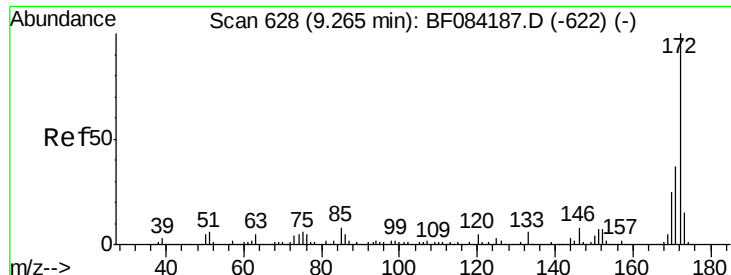


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

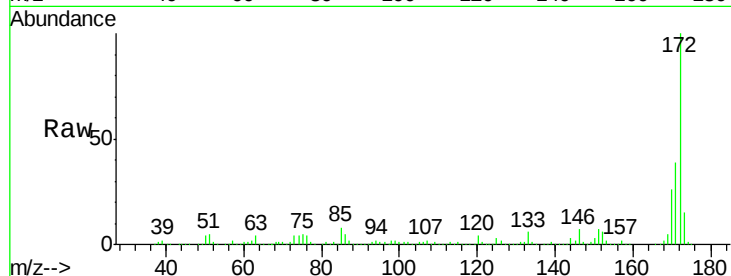




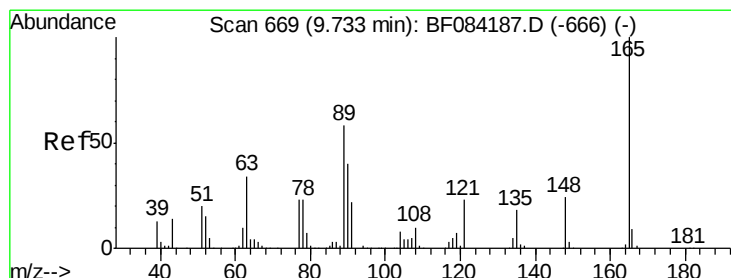
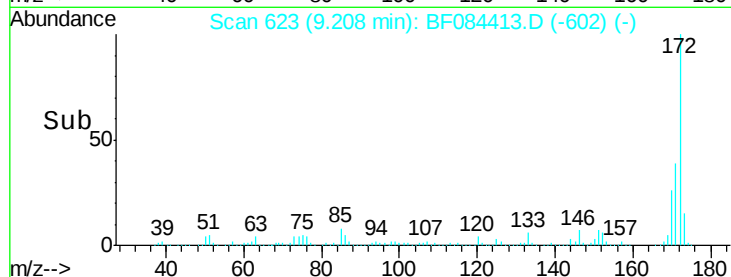
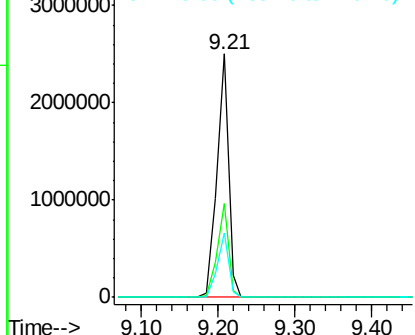
#44
 2-Fluorobiphenyl
 Concen: 64.32 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.06 min
 Lab File: BF084413.D
 Acq: 12 Jan 2016 16:41

Instrument :
 BNA_F
 ClientSampleId :
 PB87765BL

Tgt Ion:172 Resp: 2621770
 Ion Ratio Lower Upper
 172 100
 171 38.7 28.9 43.3
 170 26.5 18.6 27.8

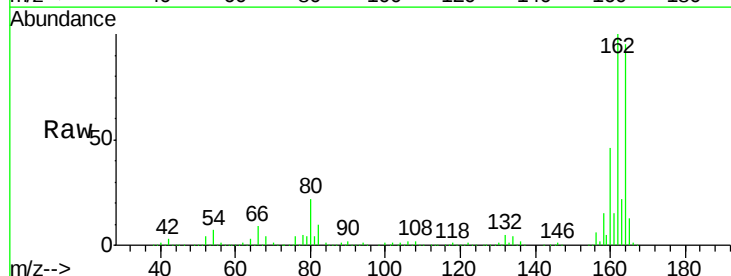


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

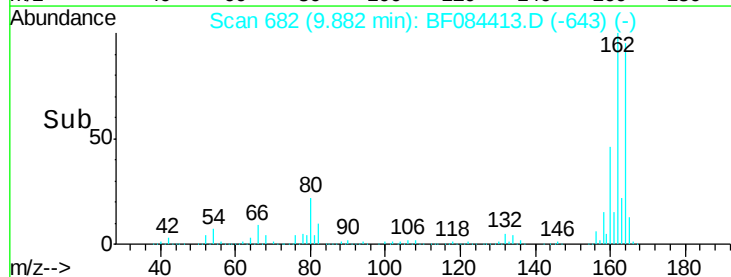
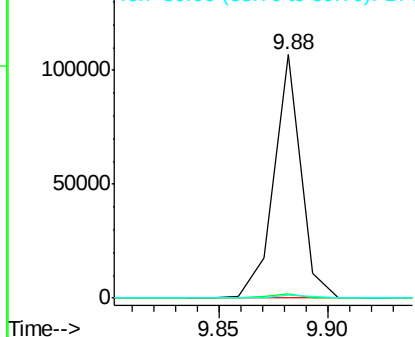


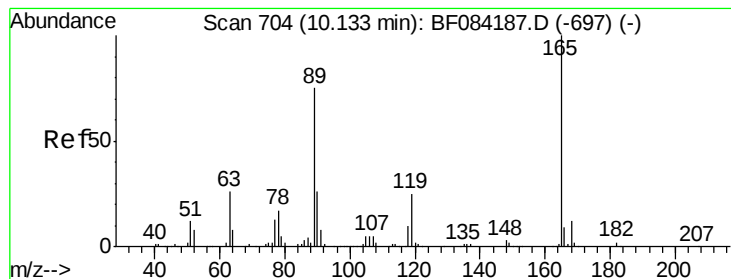
#50
 2,6-Dinitrotoluene
 Concen: 8.47 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.15 min
 Lab File: BF084413.D
 Acq: 12 Jan 2016 16:41

Tgt Ion:165 Resp: 93007
 Ion Ratio Lower Upper
 165 100
 63 1.6 28.8 43.2#
 89 1.5 35.1 52.7#



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





#56

2,4-Dinitrotoluene

Concen: 6.69 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.25 min

Lab File: BF084413.D

Acq: 12 Jan 2016 16:41

Instrument :

BNA_F

ClientSampleId :

PB87765BL

Tgt Ion:165 Resp: 93013

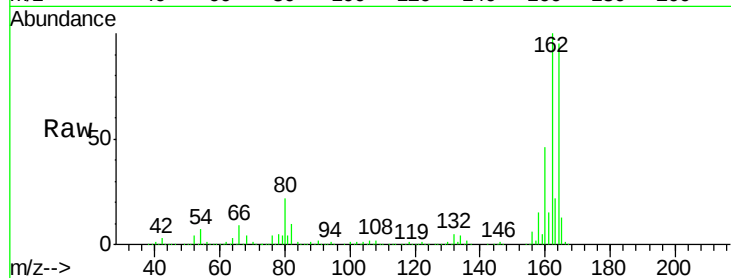
Ion Ratio Lower Upper

165 100

63 1.6 36.7 55.1#

89 1.5 61.9 92.9#

182 0.0 2.0 3.0#

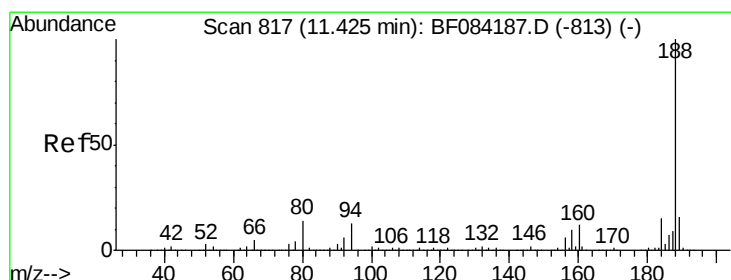
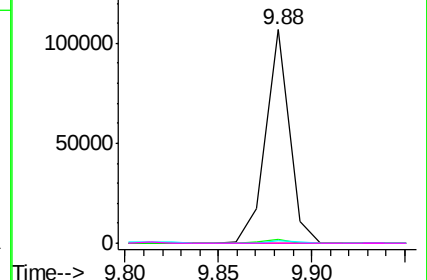
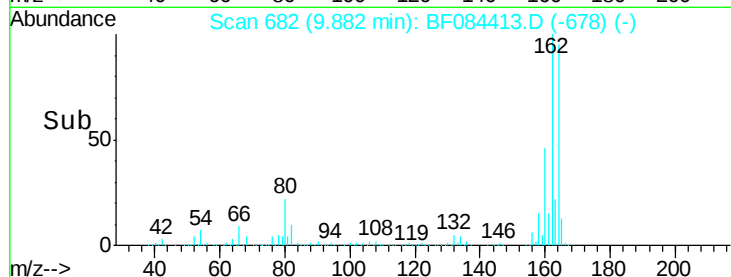


Abundance Ion 165.00 (164.70 to 165.70): E

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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.06 min

Lab File: BF084413.D

Acq: 12 Jan 2016 16:41

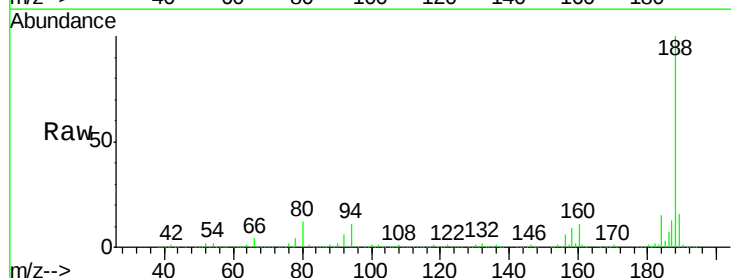
Tgt Ion:188 Resp: 1280493

Ion Ratio Lower Upper

188 100

94 11.4 9.0 13.4

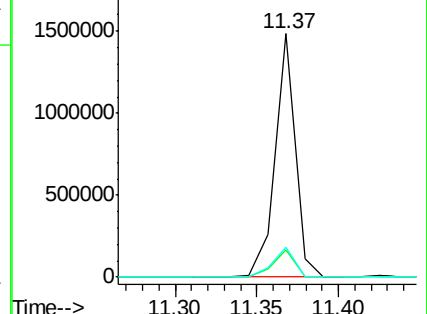
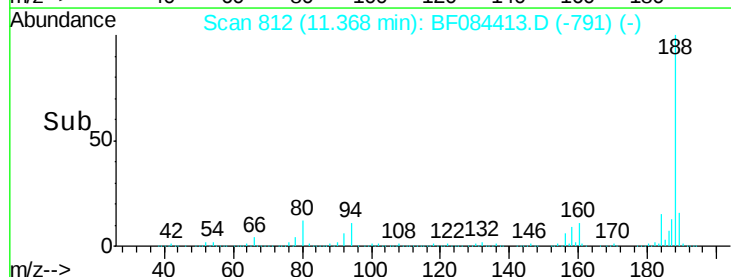
80 12.0 9.6 14.4

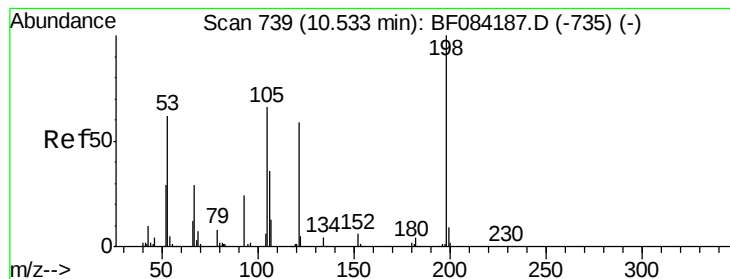


Abundance Ion 188.00 (187.70 to 188.70): E

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: 6.53 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.14 min

Lab File: BF084413.D

Acq: 12 Jan 2016 16:41

Instrument :

BNA_F

ClientSampleId :

PB87765BL

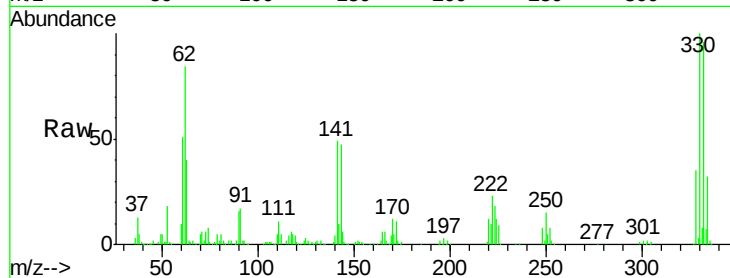
Tgt Ion:198 Resp: 1142

Ion Ratio Lower Upper

198 100

51 278.4 18.9 58.9#

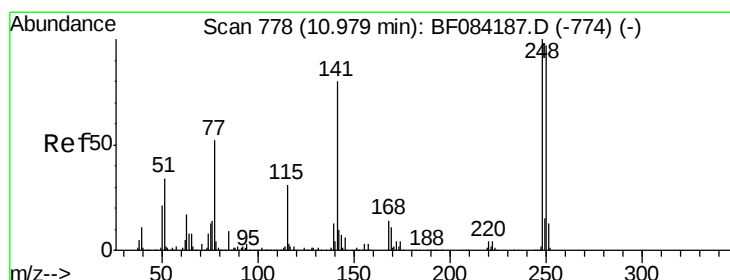
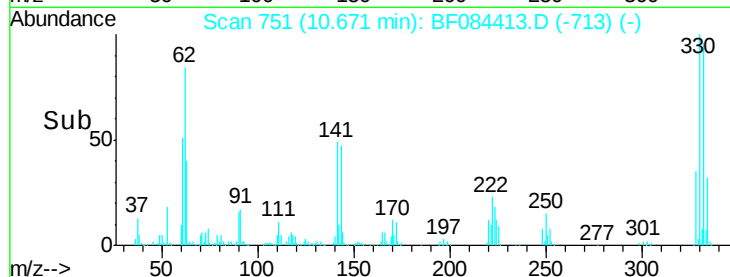
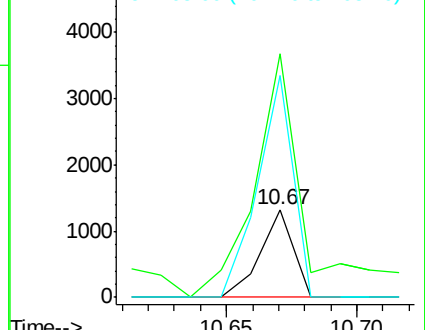
105 253.1 26.4 66.4#



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



#66

4-Bromophenyl-phenylether

Concen: 2.89 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.31 min

Lab File: BF084413.D

Acq: 12 Jan 2016 16:41

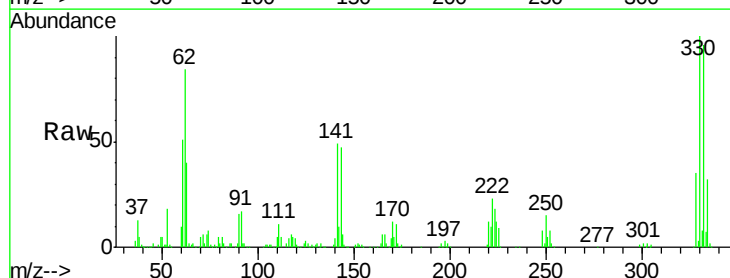
Tgt Ion:248 Resp: 39858

Ion Ratio Lower Upper

248 100

250 197.3 78.4 117.6#

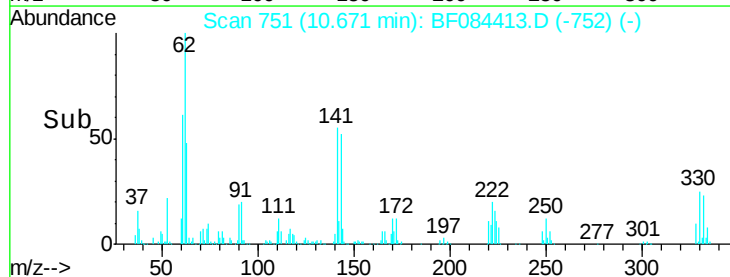
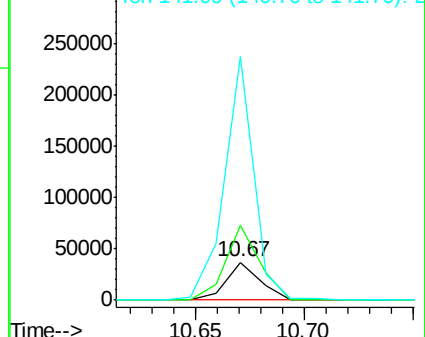
141 638.1 44.0 66.0#

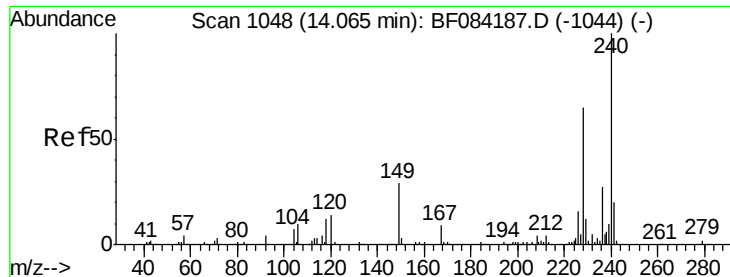


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.01 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF084413.D

Acq: 12 Jan 2016 16:41

Instrument :

BNA_F

ClientSampleId :

PB87765BL

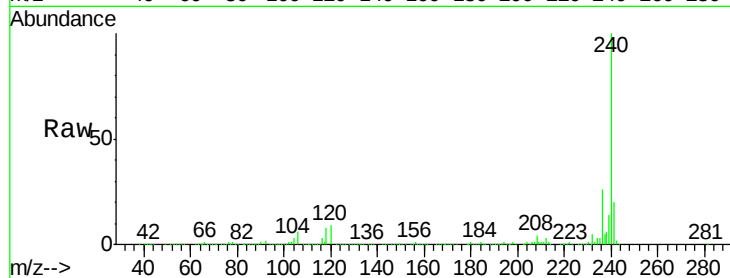
Tgt Ion:240 Resp: 1150293

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

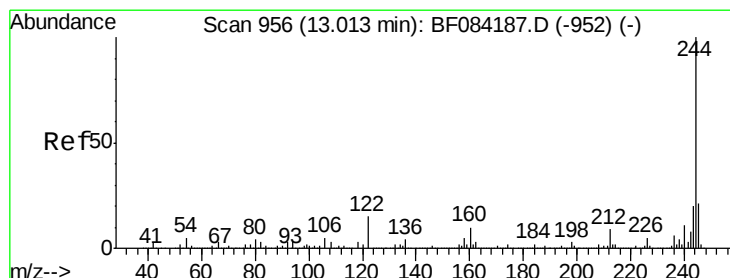
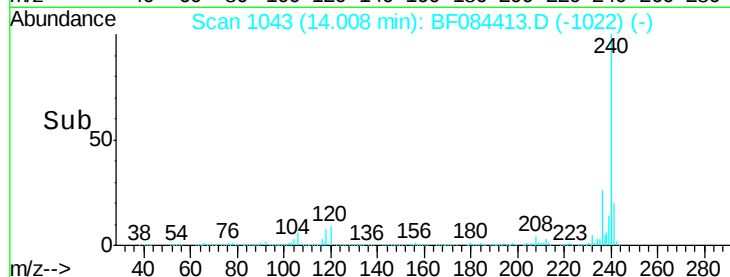
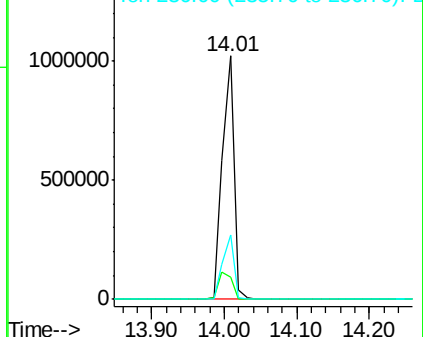
236 26.2 20.6 31.0



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: 48.40 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.06 min

Lab File: BF084413.D

Acq: 12 Jan 2016 16:41

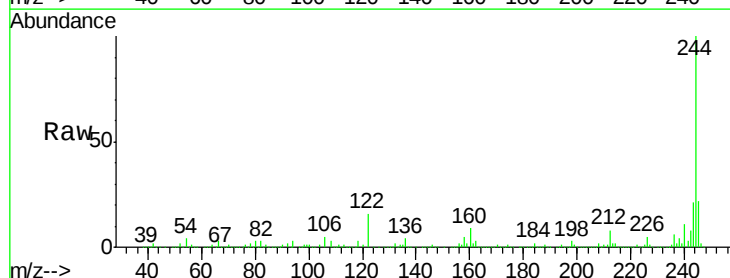
Tgt Ion:244 Resp: 2494128

Ion Ratio Lower Upper

244 100

212 8.1 5.7 8.5

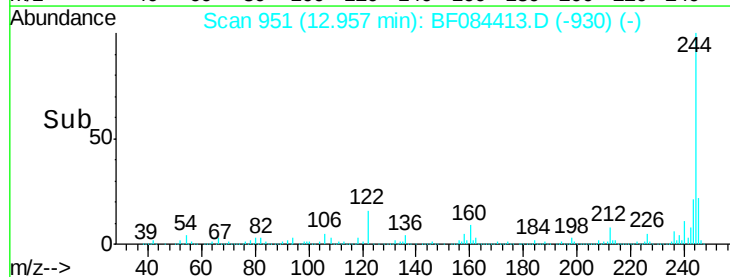
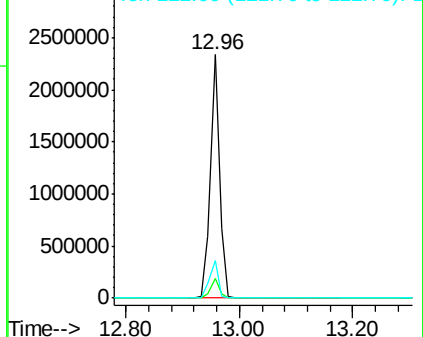
122 15.6 7.4 11.0#

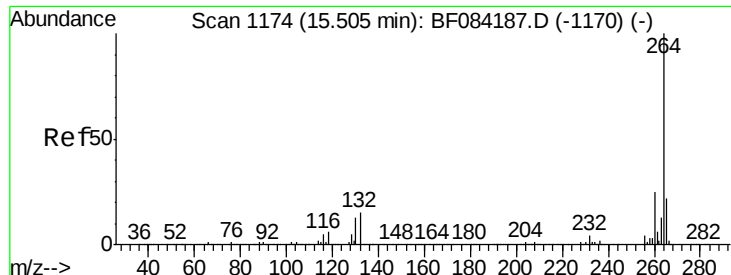


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

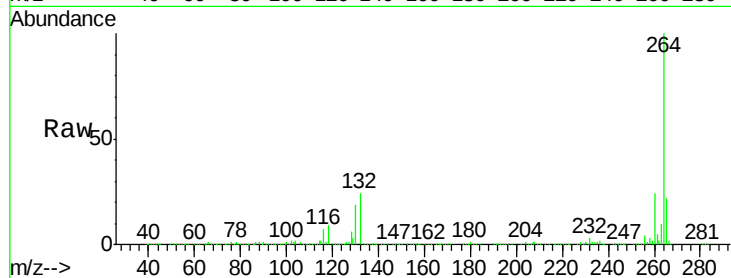




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.08 min
Lab File: BF084413.D
Acq: 12 Jan 2016 16:41

Instrument :
BNA_F
ClientSampleId :
PB87765BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.8	17.8	26.6



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

