

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012916\
 Data File : BF084634.D
 Acq On : 29 Jan 2016 14:22
 Operator : SJ/IZ
 Sample : PB88019TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88019TB

Quant Time: Jan 29 23:04:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 2016
 Response via : Initial Calibration

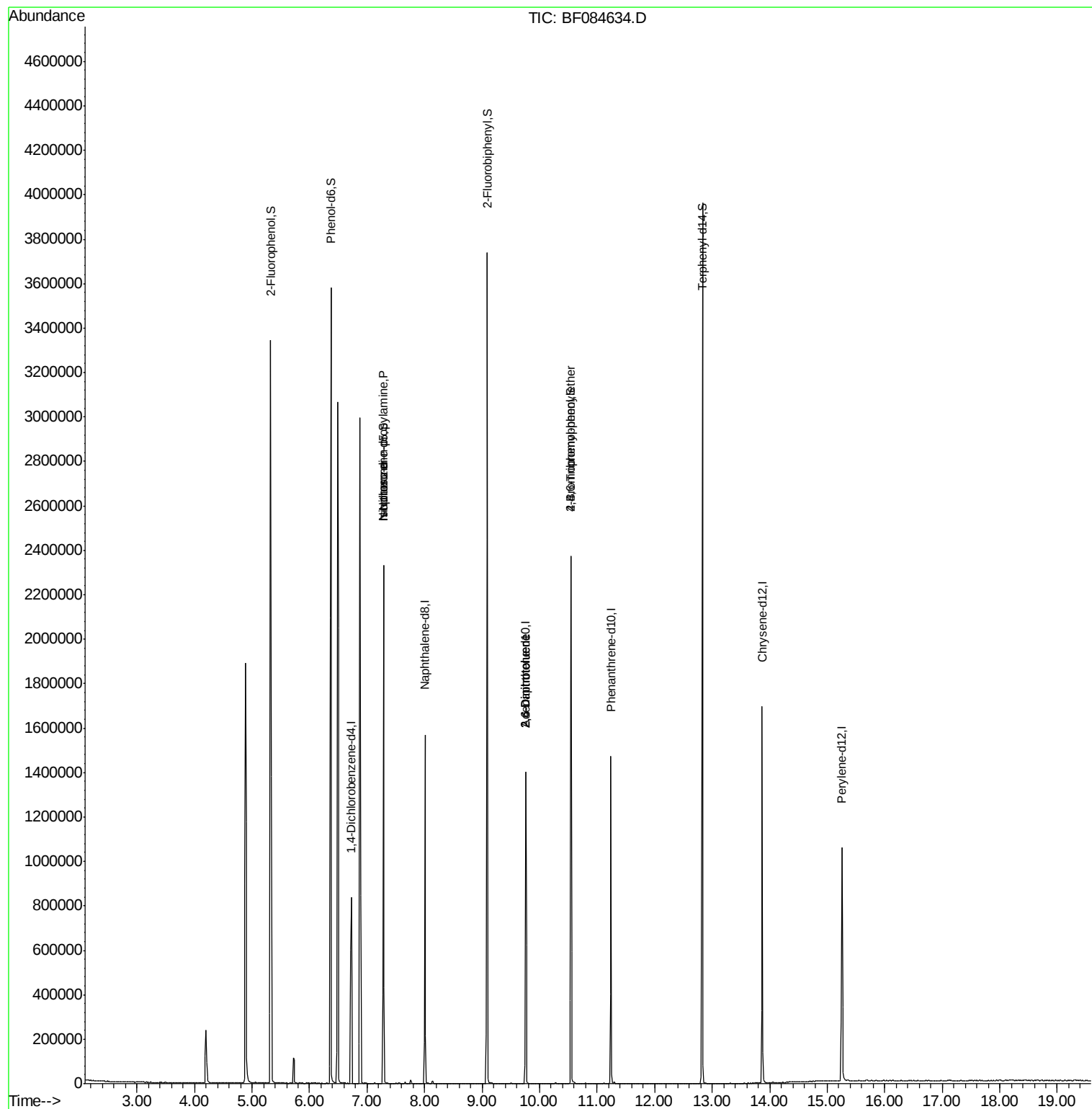
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	159901	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	668535	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	301358	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	534029	20.00	ng	0.00
75) Chrysene-d12	13.87	240	568639	20.00	ng	0.00
86) Perylene-d12	15.25	264	451212	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	994135	93.85	ng	0.01
7) Phenol-d6	6.37	99	1390966	109.56	ng	0.00
23) Nitrobenzene-d5	7.29	82	727866	60.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	279484	88.49	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1488726	73.43	ng	0.00
78) Terphenyl-d14	12.83	244	1253292	49.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	98808	12.74	ng	# 70
25) Isophorone	7.29	82	637698	28.45	ng	# 66
50) 2,6-Dinitrotoluene	9.76	165	39865	8.01	ng	# 37
56) 2,4-Dinitrotoluene	9.76	165	39865	6.17	ng	# 21
66) 4-Bromophenyl-phenylether	10.54	248	17120	2.85	ng	# 1

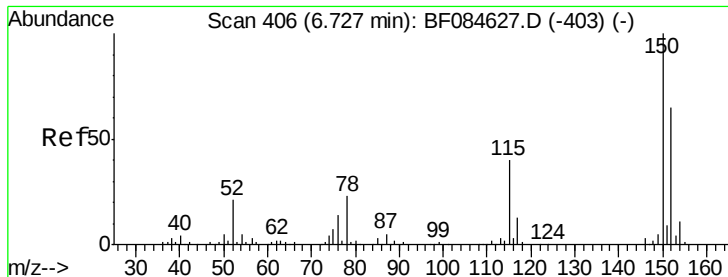
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 29 12:54:53 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF084634.D

Acq: 29 Jan 2016 14:22

Instrument :

BNA_F

ClientSampleId :

PB88019TB

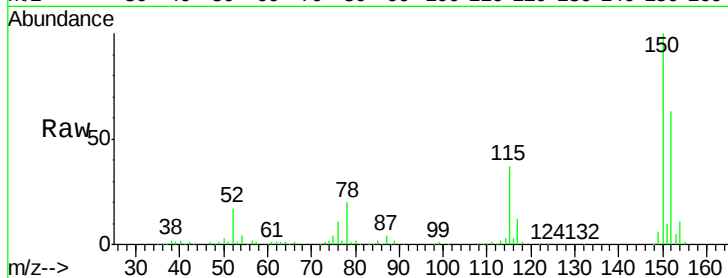
Tgt Ion:152 Resp: 159901

Ion Ratio Lower Upper

152 100

150 157.6 123.0 184.4

115 58.3 51.4 77.2

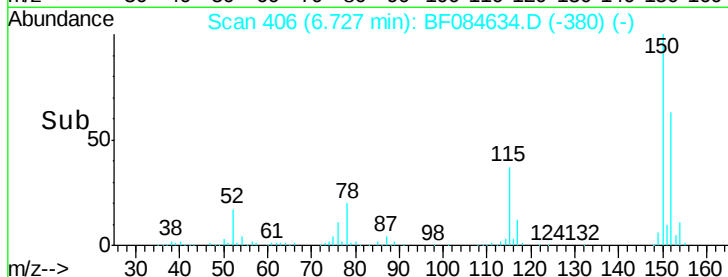


Abundance Ion 152.00 (151.70 to 152.70): E

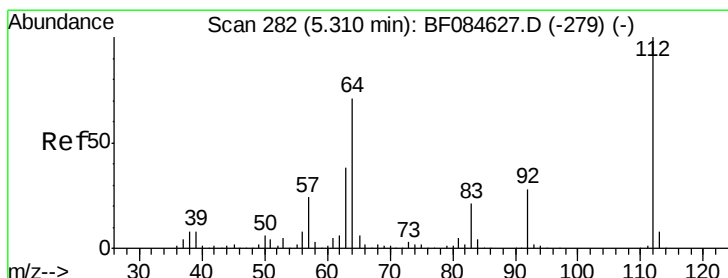
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



Time-->



#5

2-Fluorophenol

Concen: 93.85 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF084634.D

Acq: 29 Jan 2016 14:22

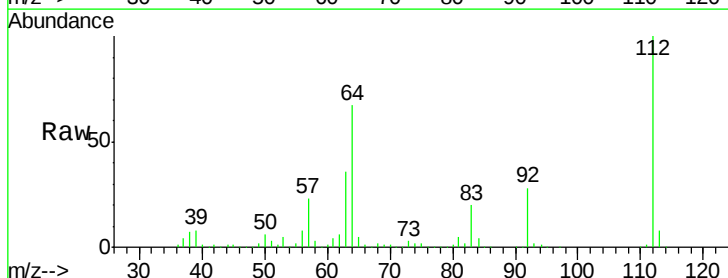
Tgt Ion:112 Resp: 994135

Ion Ratio Lower Upper

112 100

64 67.5 36.6 55.0#

63 35.7 19.4 29.0#

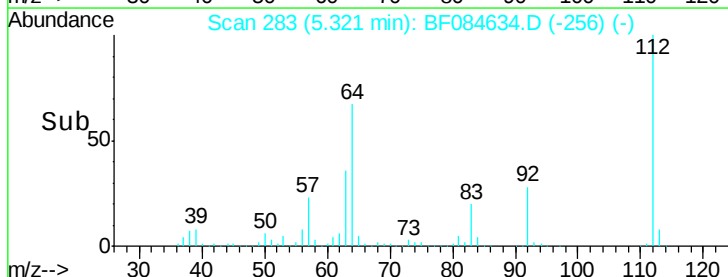


Abundance Ion 112.00 (111.70 to 112.70): E

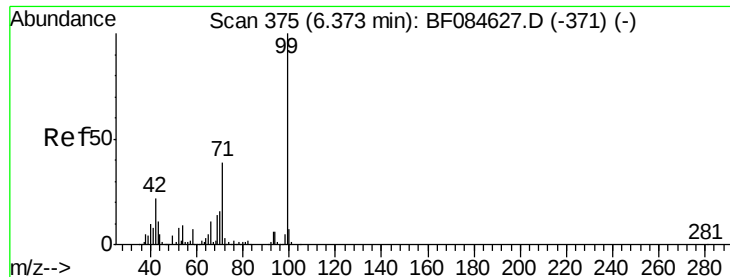
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->



Time-->



#7

Phenol-d6

Concen: 109.56 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084634.D

Acq: 29 Jan 2016 14:22

Instrument :

BNA_F

ClientSampleId :

PB88019TB

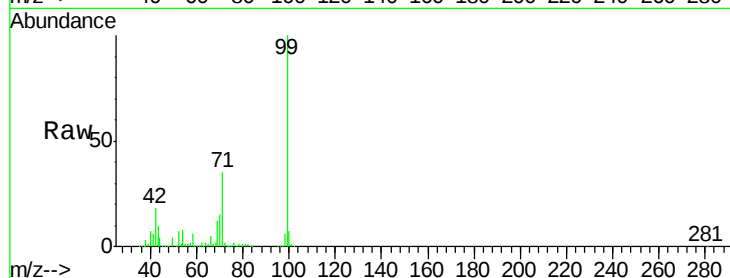
Tgt Ion: 99 Resp: 1390966

Ion Ratio Lower Upper

99 100

42 17.6 12.8 19.2

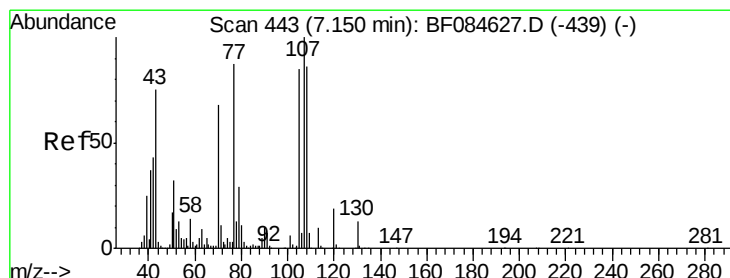
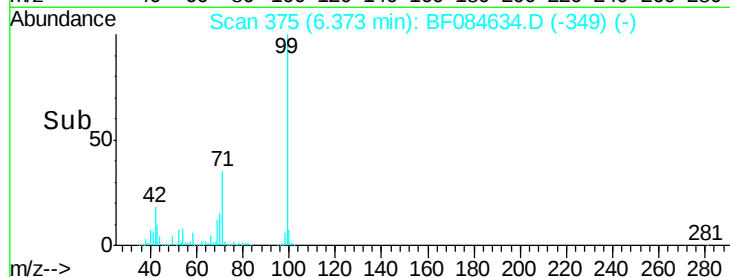
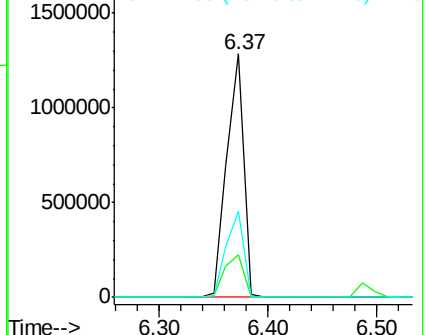
71 35.3 30.9 46.3



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: 12.74 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.14 min

Lab File: BF084634.D

Acq: 29 Jan 2016 14:22

Tgt Ion: 70 Resp: 98808

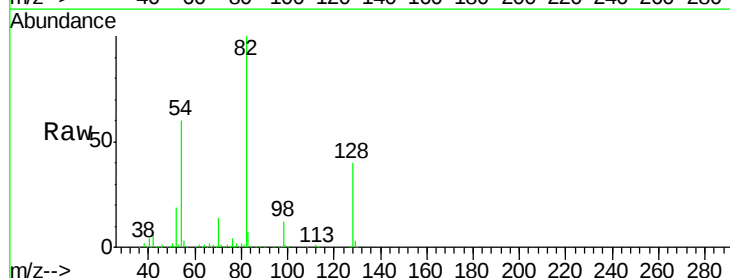
Ion Ratio Lower Upper

70 100

42 50.7 33.3 49.9#

101 0.0 9.3 13.9#

130 2.0 23.4 35.0#

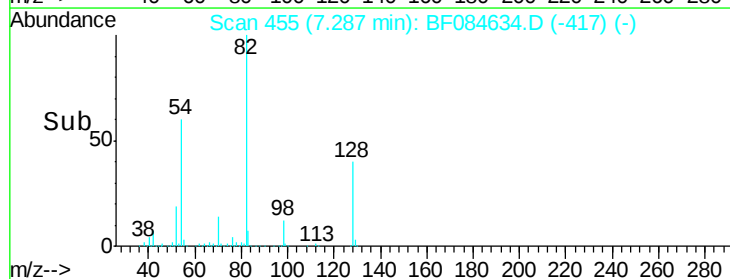
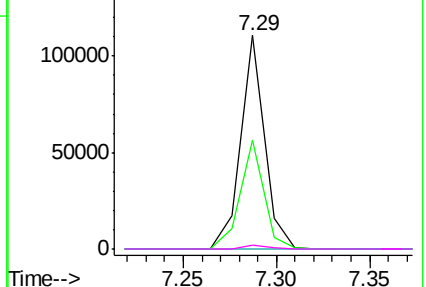


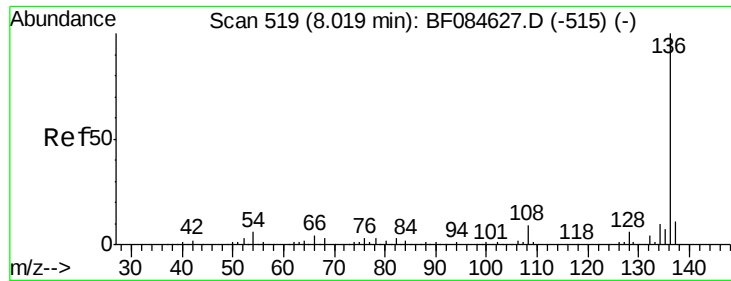
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

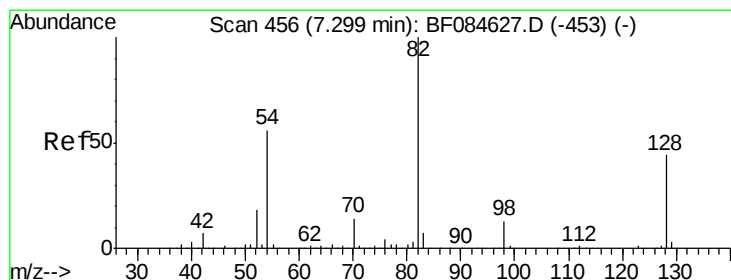
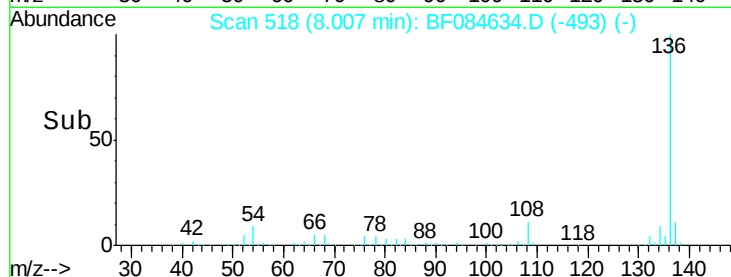
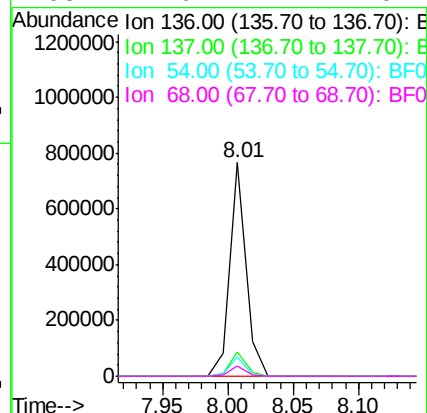
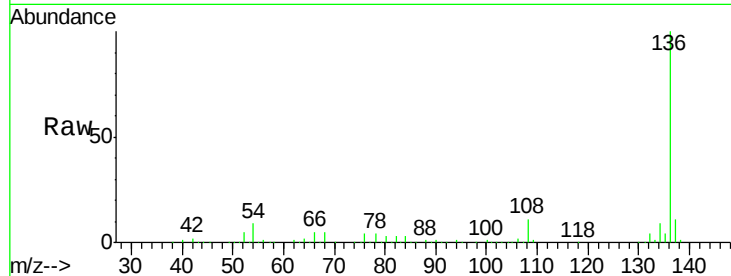




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF084634.D
Acq: 29 Jan 2016 14:22

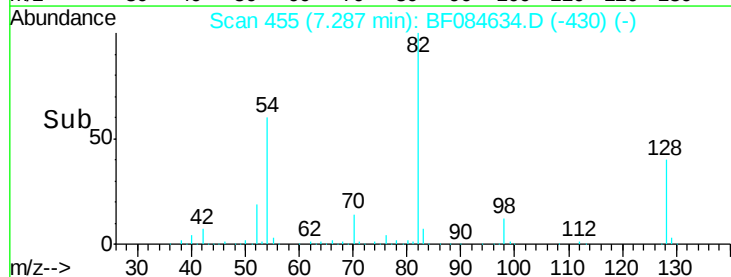
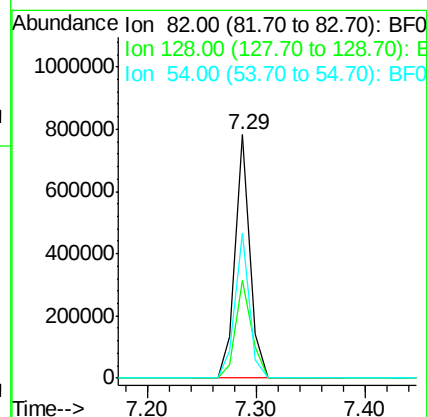
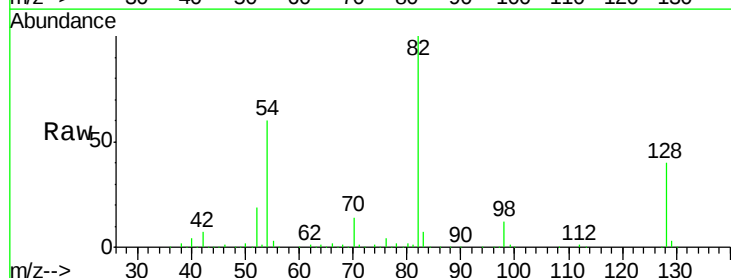
Instrument :
BNA_F
ClientSampleId :
PB88019TB

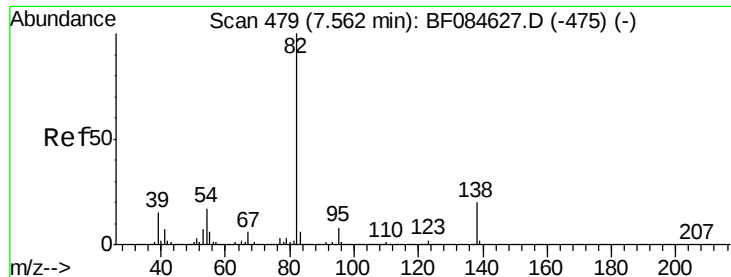
Tgt Ion:	136	Resp:	668535
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.3	5.8	8.8#
68	4.9	4.2	6.2



#23
Nitrobenzene-d5
Concen: 60.85 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF084634.D
Acq: 29 Jan 2016 14:22

Tgt Ion:	82	Resp:	727866
Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.6	51.8
54	59.8	38.4	57.6#





#25

Isophorone

Concen: 28.45 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.27 min

Lab File: BF084634.D

Acq: 29 Jan 2016 14:22

Instrument :

BNA_F

ClientSampleId :

PB88019TB

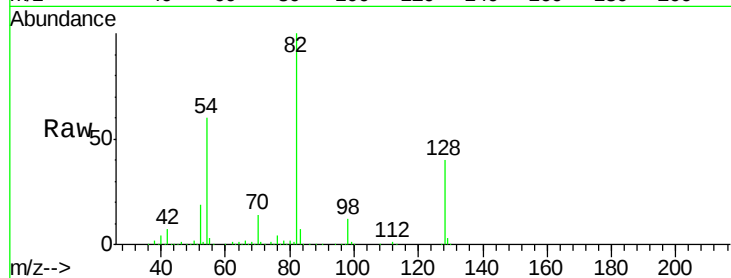
Tgt Ion: 82 Resp: 637698

Ion Ratio Lower Upper

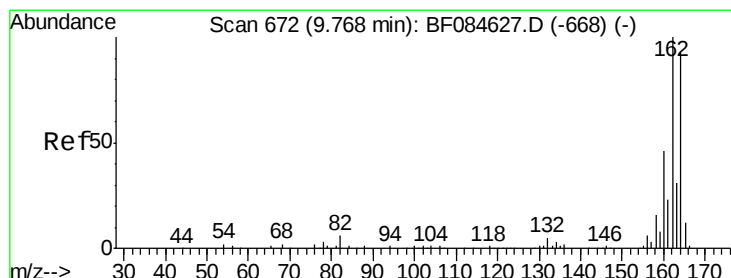
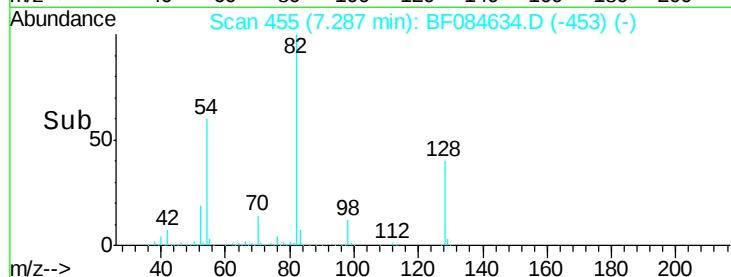
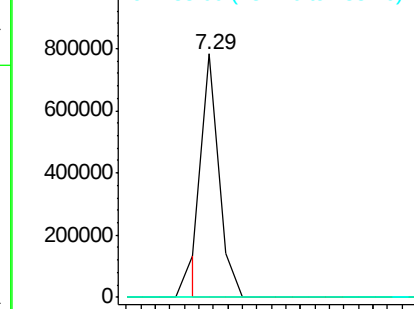
82 100

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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF084634.D

Acq: 29 Jan 2016 14:22

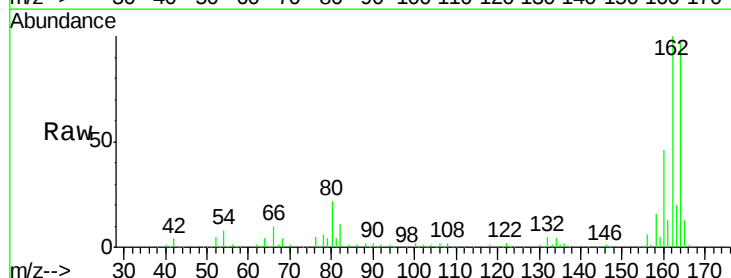
Tgt Ion: 164 Resp: 301358

Ion Ratio Lower Upper

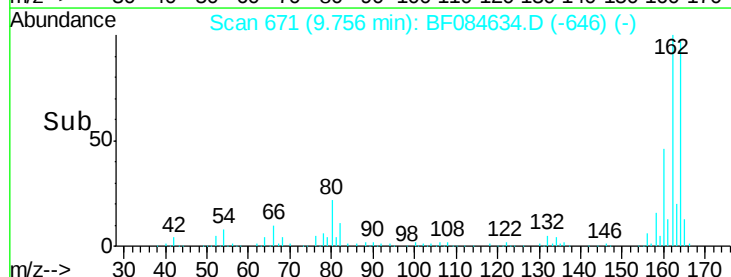
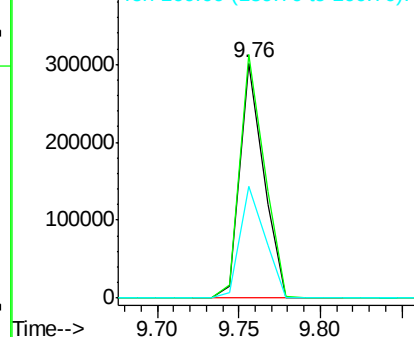
164 100

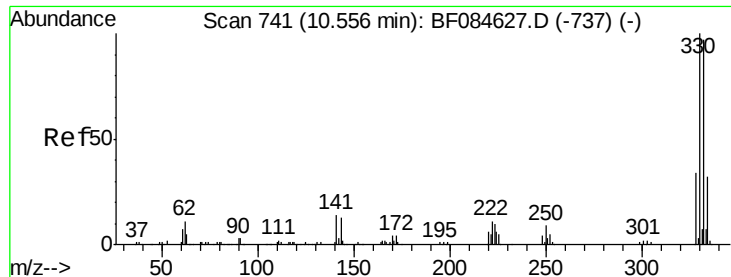
162 103.6 85.1 127.7

160 47.7 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

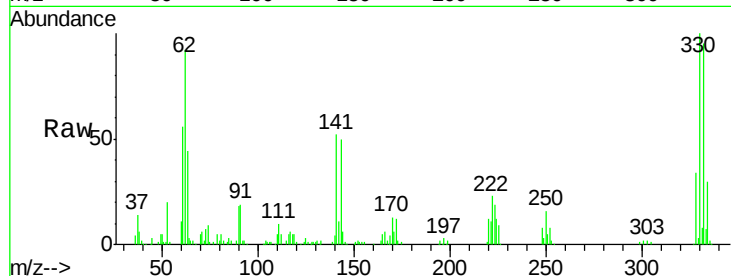




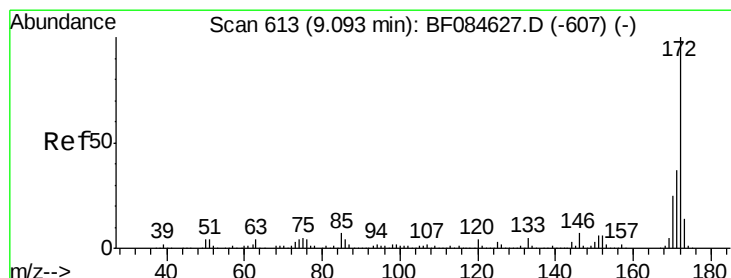
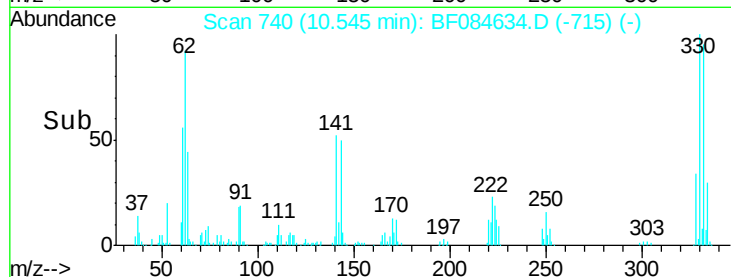
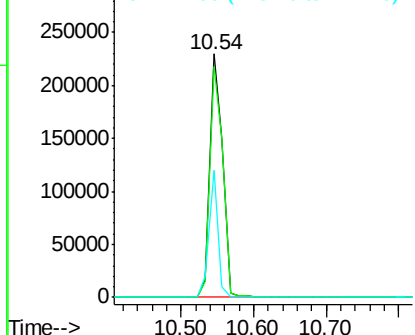
#41
 2,4,6-Tribromophenol
 Concen: 88.49 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF084634.D
 Acq: 29 Jan 2016 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB88019TB

Tgt Ion:330 Resp: 279484
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 37.4 27.8 41.6

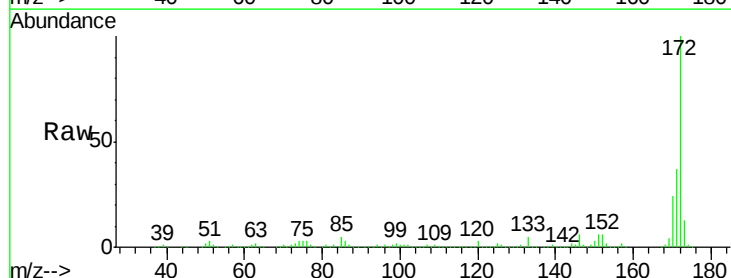


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

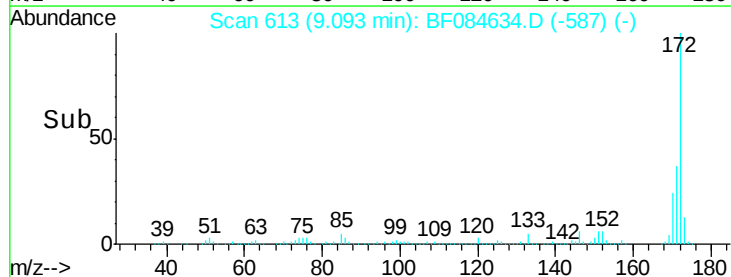
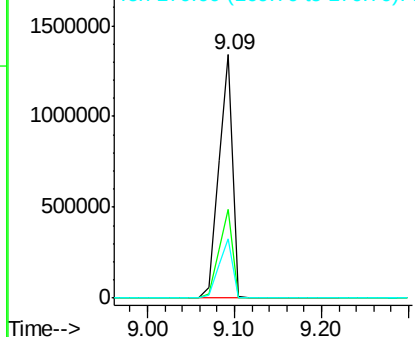


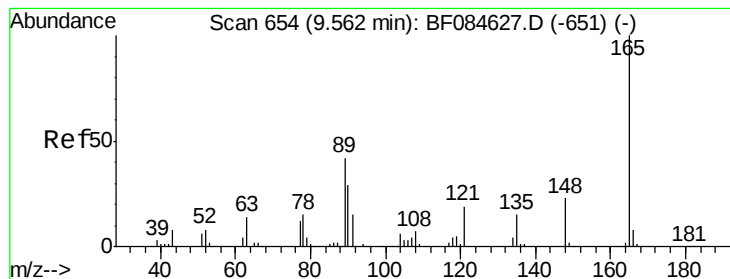
#44
 2-Fluorobiphenyl
 Concen: 73.43 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084634.D
 Acq: 29 Jan 2016 14:22

Tgt Ion:172 Resp: 1488726
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.9 43.3
 170 24.4 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: 8.01 ng

RT: 9.76 min Scan# 671

Delta R.T. 0.19 min

Lab File: BF084634.D

Acq: 29 Jan 2016 14:22

Instrument :

BNA_F

ClientSampleId :

PB88019TB

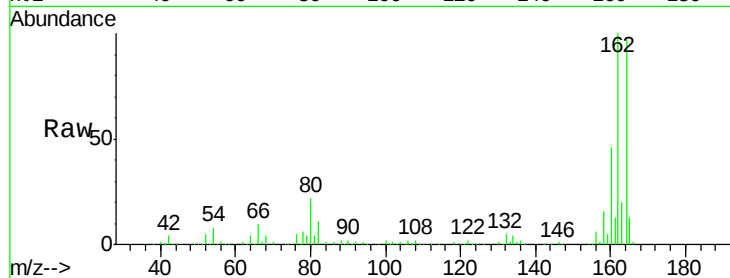
Tgt Ion:165 Resp: 39865

Ion Ratio Lower Upper

165 100

63 1.4 28.8 43.2#

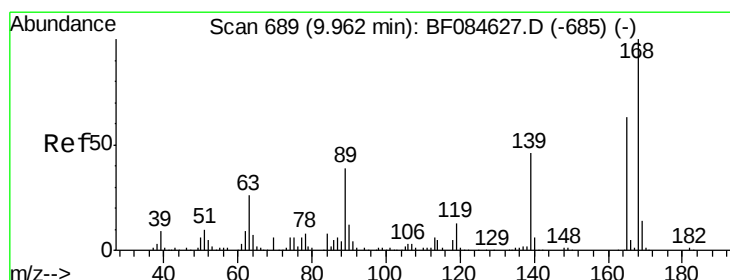
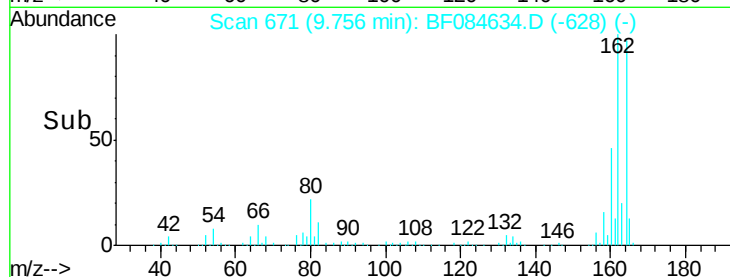
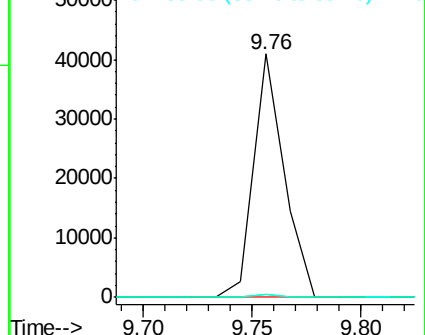
89 1.3 35.1 52.7#



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: 6.17 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.21 min

Lab File: BF084634.D

Acq: 29 Jan 2016 14:22

Tgt Ion:165 Resp: 39865

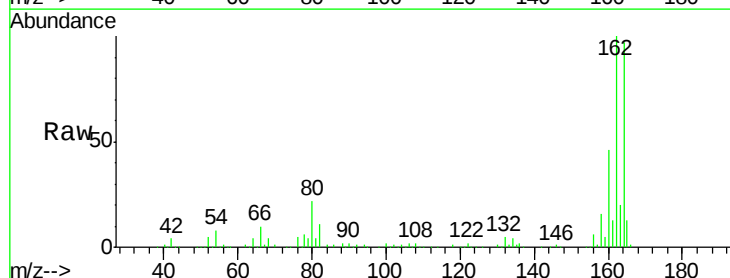
Ion Ratio Lower Upper

165 100

63 1.4 36.7 55.1#

89 1.3 61.9 92.9#

182 0.0 2.0 3.0#

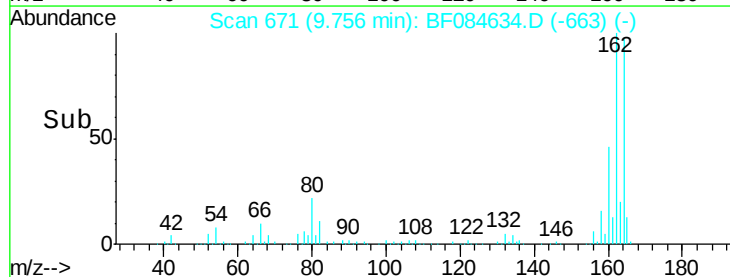
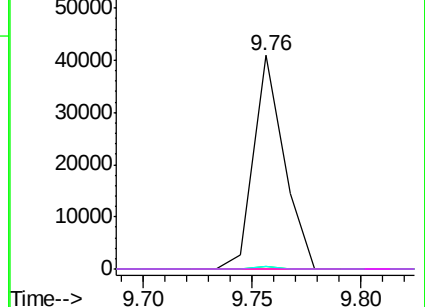


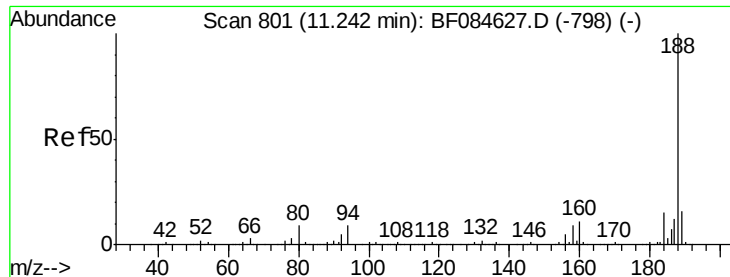
Abundance Ion 165.00 (164.70 to 165.70): E

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

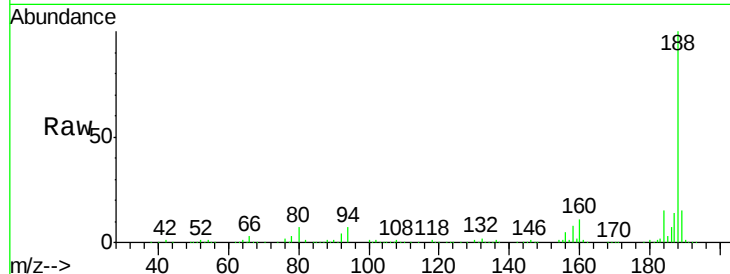




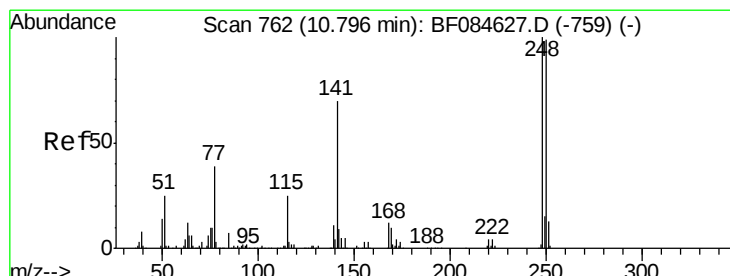
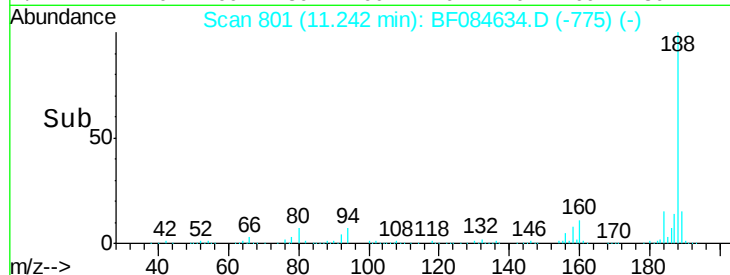
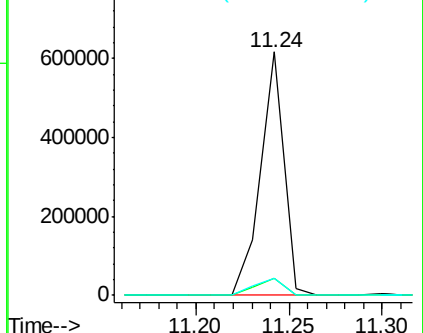
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF084634.D
Acq: 29 Jan 2016 14:22

Instrument :
BNA_F
ClientSampleId :
PB88019TB

Tgt Ion:188 Resp: 534029
Ion Ratio Lower Upper
188 100
94 6.9 9.0 13.4#
80 7.0 9.6 14.4#

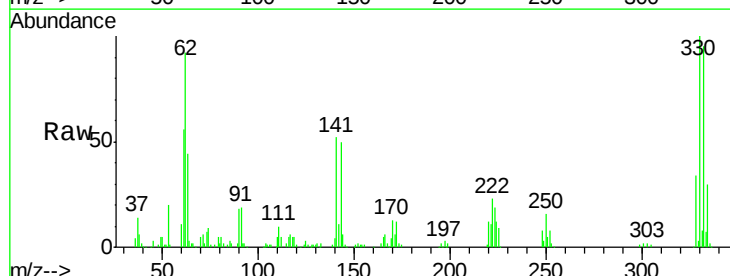


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

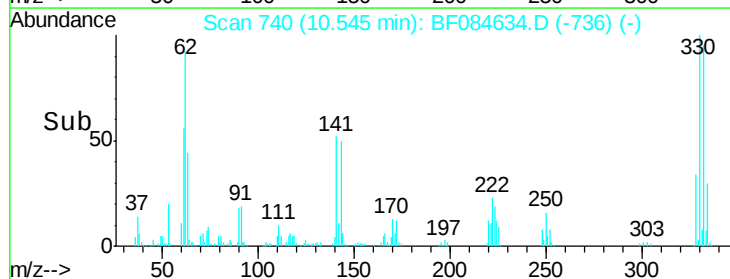
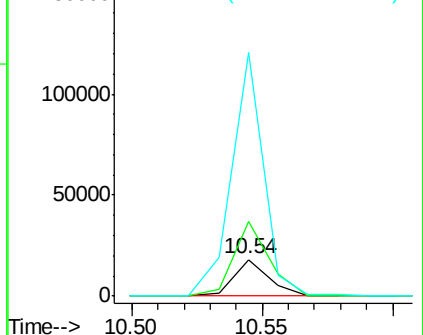


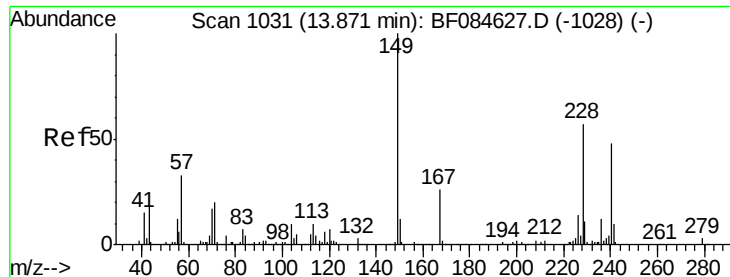
#66
4-Bromophenyl-phenylether
Concen: 2.85 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.25 min
Lab File: BF084634.D
Acq: 29 Jan 2016 14:22

Tgt Ion:248 Resp: 17120
Ion Ratio Lower Upper
248 100
250 204.0 78.4 117.6#
141 667.4 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: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084634.D

Acq: 29 Jan 2016 14:22

Instrument :

BNA_F

ClientSampleId :

PB88019TB

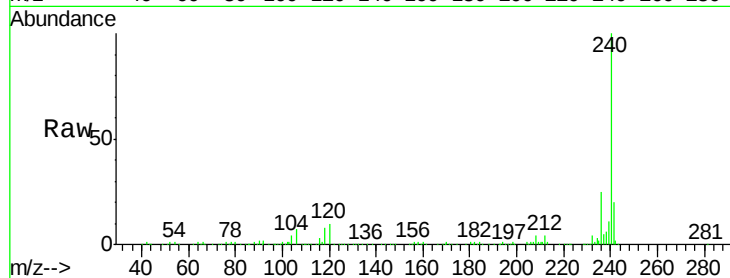
Tgt Ion:240 Resp: 568639

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

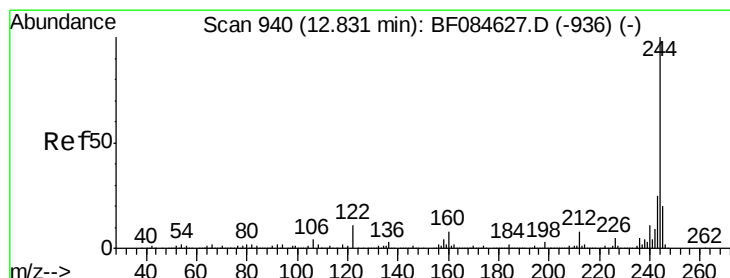
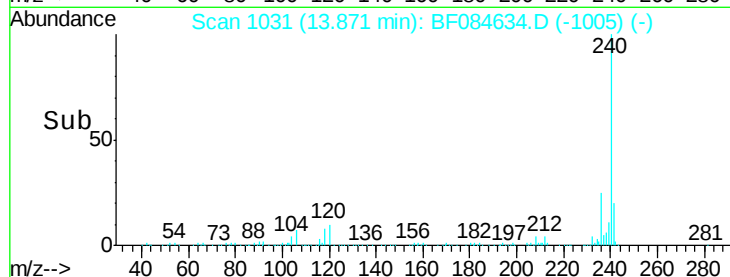
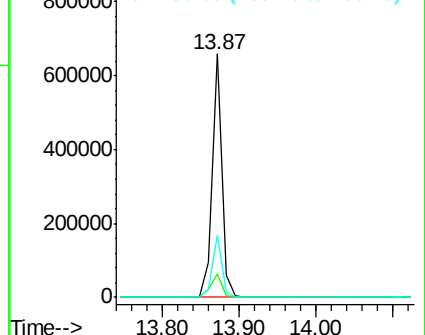
236 25.4 20.6 31.0



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: 49.78 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084634.D

Acq: 29 Jan 2016 14:22

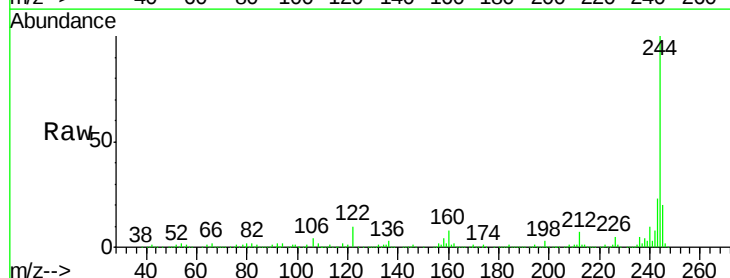
Tgt Ion:244 Resp: 1253292

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

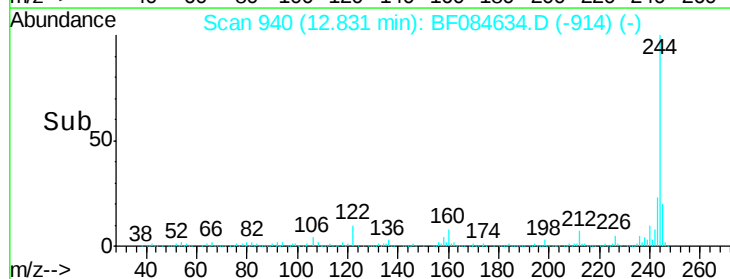
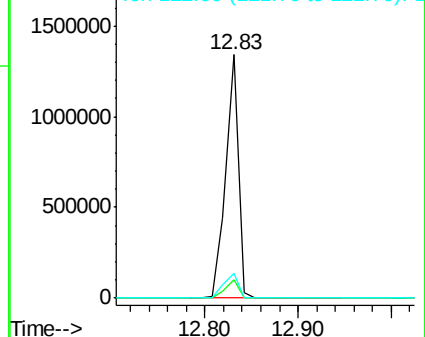
122 10.1 7.4 11.0

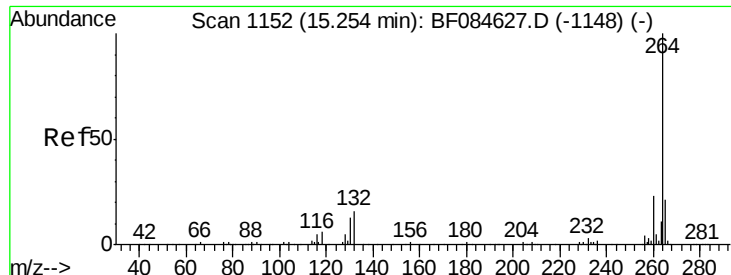


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

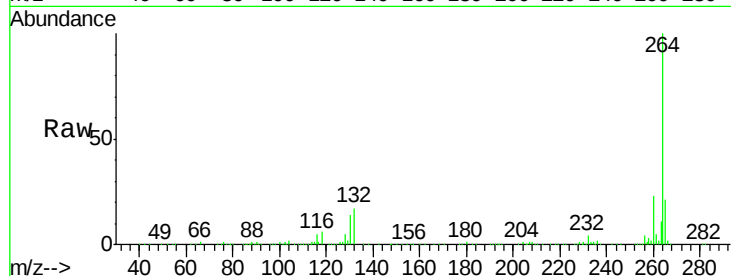




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF084634.D
Acq: 29 Jan 2016 14:22

Instrument :
BNA_F
ClientSampleId :
PB88019TB

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.2
265	21.3	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

