

Data Path : Z:\HPCHEM1\BNA F\Data\BF020316\
 Data File : BF084822.D
 Acq On : 4 Feb 2016 8:48
 Operator : SJ/IZ
 Sample : H1322-06
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 04 10:04:53 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

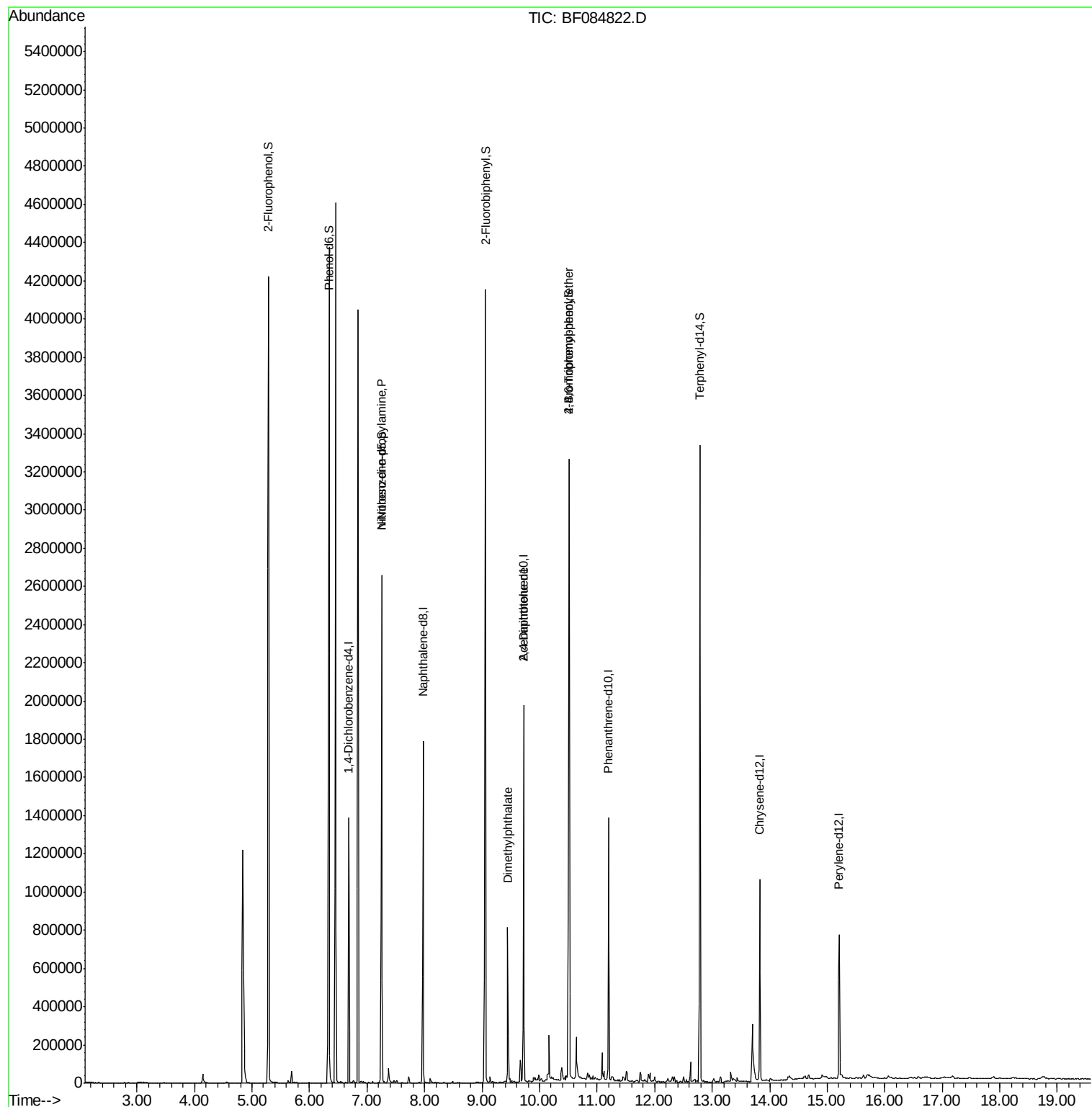
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	192254	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	830354	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	370862	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	607252	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	431593	20.00	ng	-0.01
86) Perylene-d12	15.21	264	364450	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1402763	113.65	ng	0.01
7) Phenol-d6	6.34	99	1615210	105.56	ng	0.00
23) Nitrobenzene-d5	7.25	82	942293	63.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	368059	95.14	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1852008	83.63	ng	0.00
78) Terphenyl-d14	12.79	244	1444279	75.83	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	125940	13.13	ng	# 70
49) Dimethylphthalate	9.45	163	326720	11.57	ng	# 90
56) 2,4-Dinitrotoluene	9.72	165	47005	5.97	ng	# 21
66) 4-Bromophenyl-phenylether	10.51	248	23564	3.51	ng	# 1

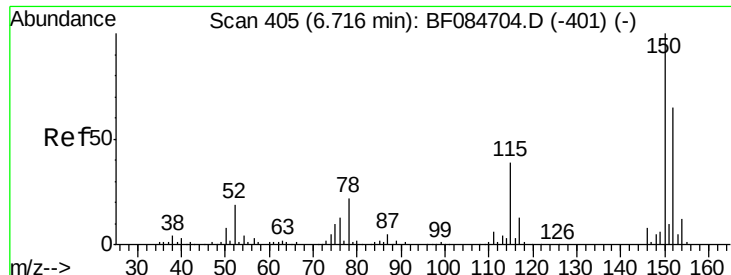
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF084822.D

Acq: 4 Feb 2016 8:48

Instrument :

BNA_F

ClientSampleId :

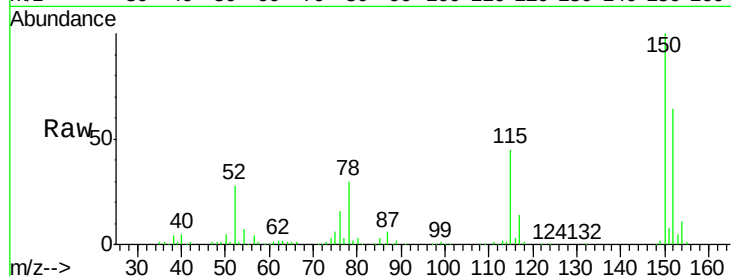
Tot Ion:152 Resp: 192254

Ion Ratio Lower Upper

152 100

150 156.1 123.0 184.4

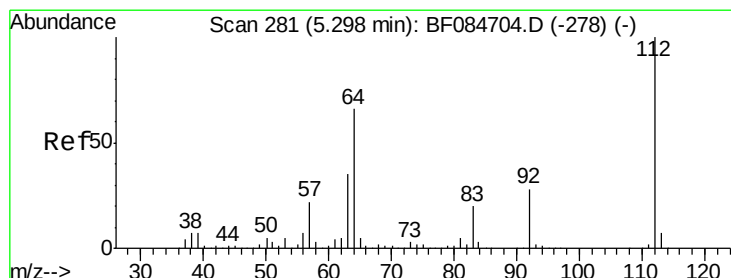
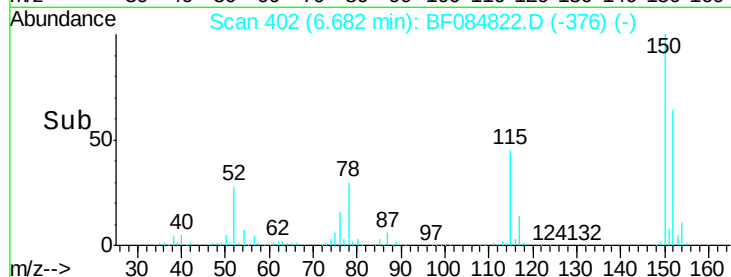
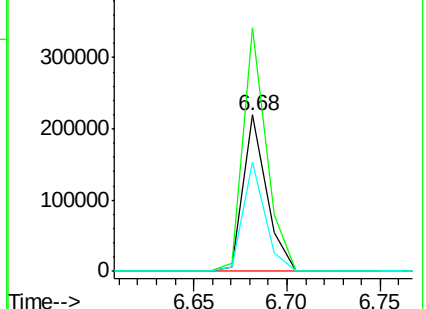
115 70.4 51.4 77.2



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: 113.65 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF084822.D

Acq: 4 Feb 2016 8:48

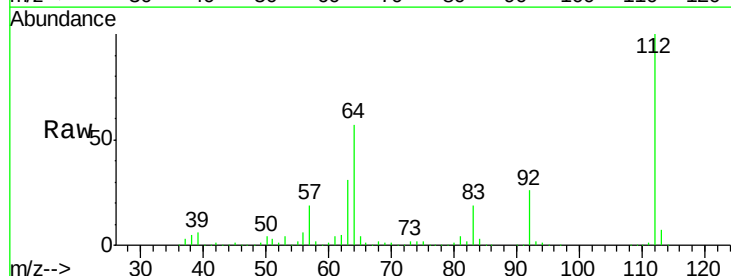
Tgt Ion:112 Resp: 1402763

Ion Ratio Lower Upper

112 100

64 57.4 36.6 55.0#

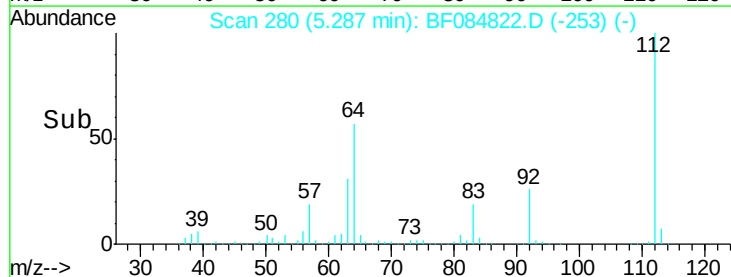
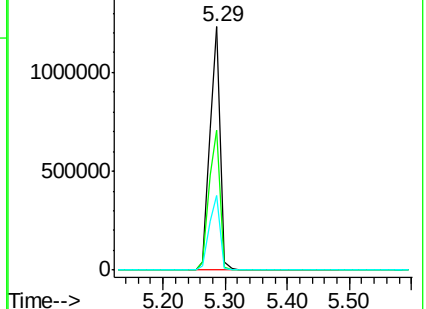
63 30.8 19.4 29.0#

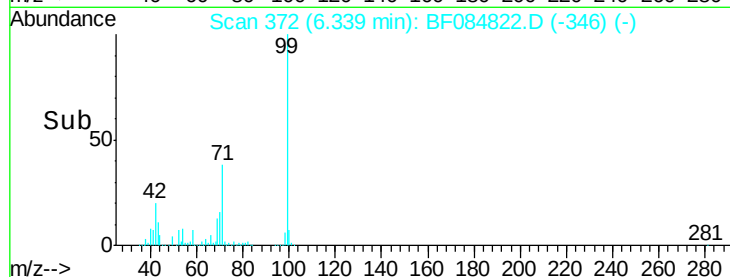
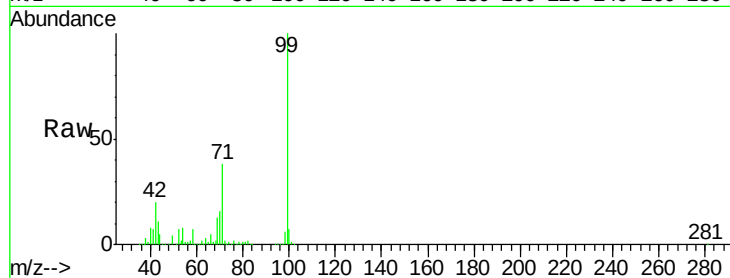
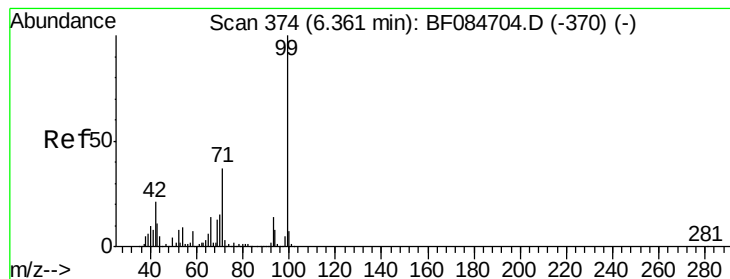


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.56 ng

RT: 6.34 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF084822.D

Acq: 4 Feb 2016 8:48

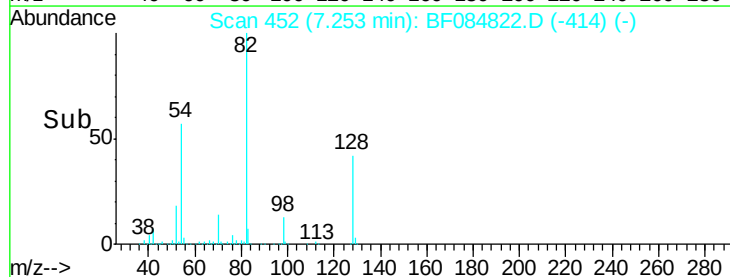
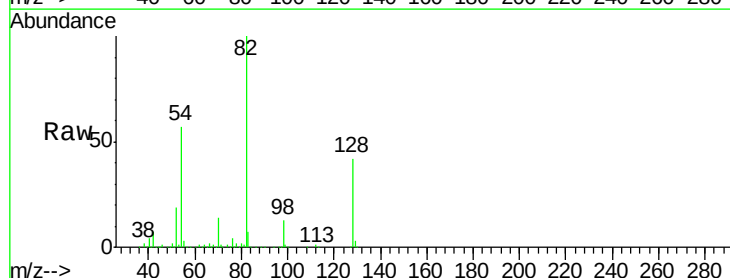
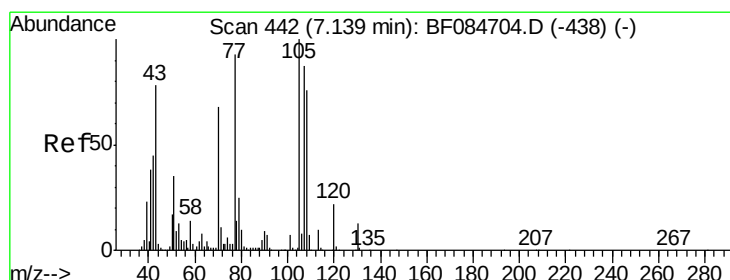
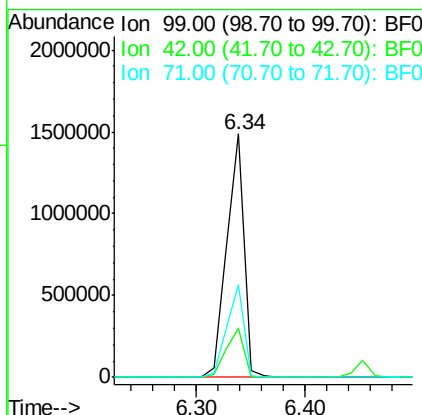
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1615210

Ion	Ratio	Lower	Upper
99	100		
42	20.3	12.8	19.2#
71	38.1	30.9	46.3



#19

n-Nitroso-di-n-propylamine

Concen: 13.13 ng

RT: 7.25 min Scan# 452

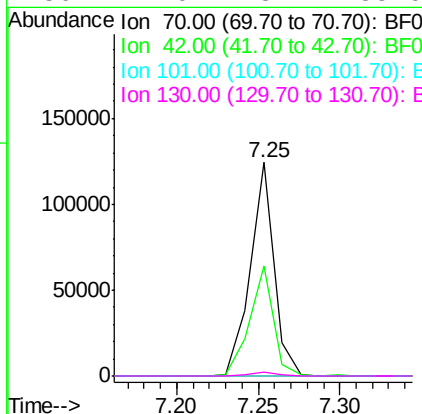
Delta R.T. 0.14 min

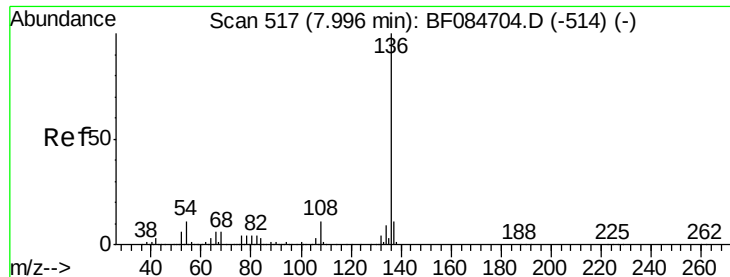
Lab File: BF084822.D

Acq: 4 Feb 2016 8:48

Tgt Ion: 70 Resp: 125940

Ion	Ratio	Lower	Upper
70	100		
42	51.3	33.3	49.9#
101	0.0	9.3	13.9#
130	2.0	23.4	35.0#

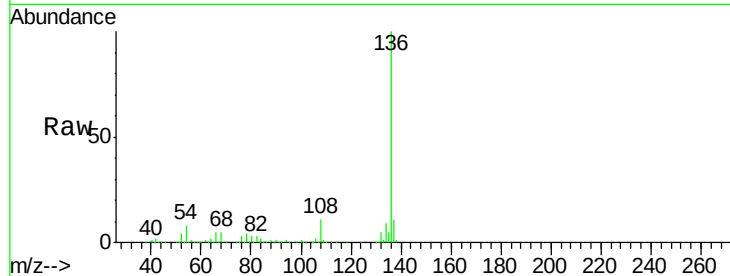




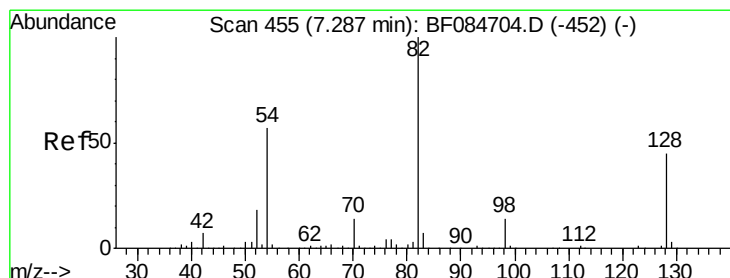
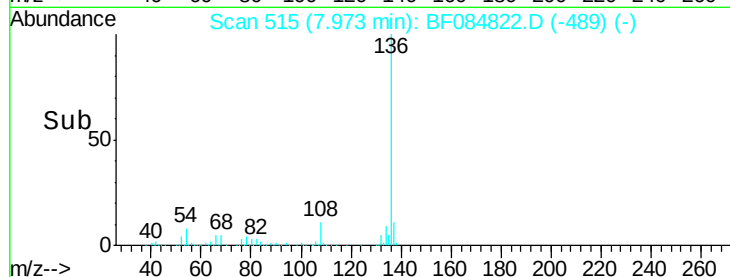
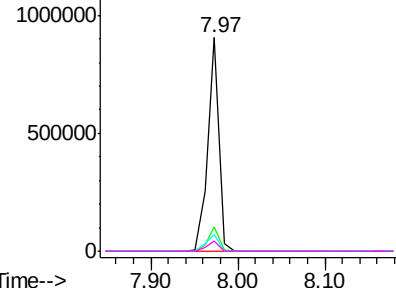
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF084822.D
Acq: 4 Feb 2016 8:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	830354
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	7.7	5.8	8.8
68	4.5	4.2	6.2

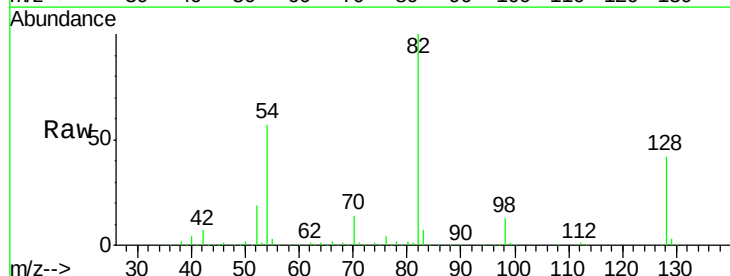


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

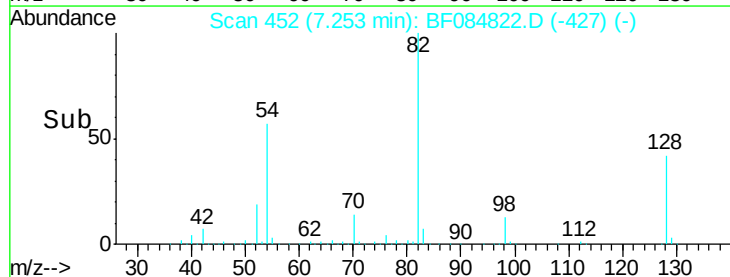
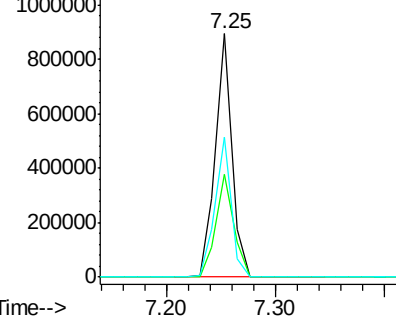


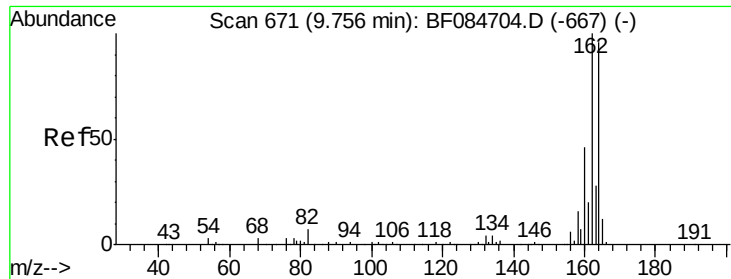
#23
Nitrobenzene-d5
Concen: 63.93 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF084822.D
Acq: 4 Feb 2016 8:48

Tgt Ion:	82	Resp:	942293
Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.6	51.8
54	57.5	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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF084822.D

Acq: 4 Feb 2016 8:48

Instrument :

BNA_F

ClientSampleId :

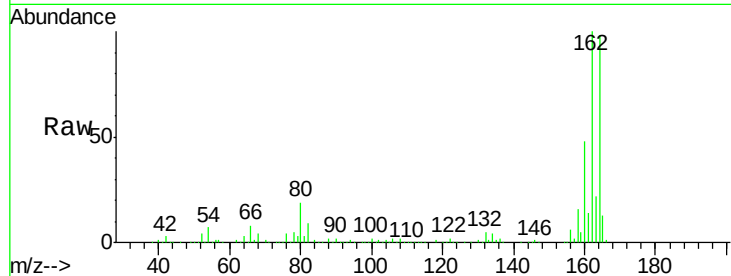
Tot Ion:164 Resp: 370862

Ion Ratio Lower Upper

164 100

162 101.8 85.1 127.7

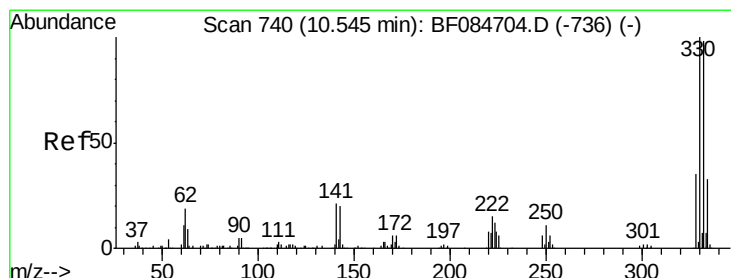
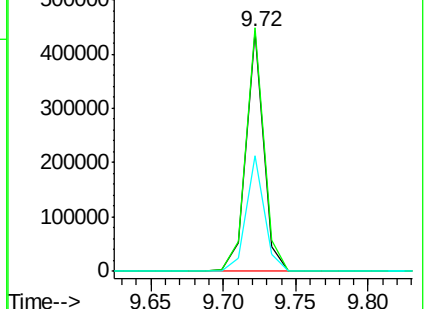
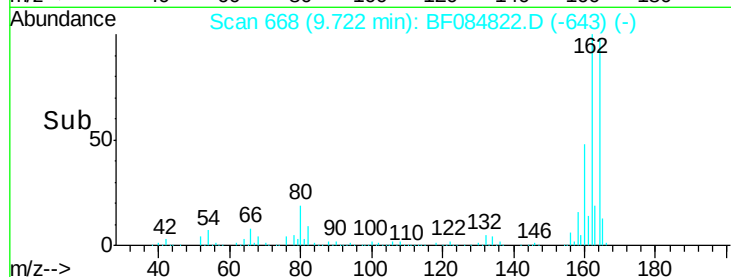
160 48.5 37.5 56.3



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: 95.14 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF084822.D

Acq: 4 Feb 2016 8:48

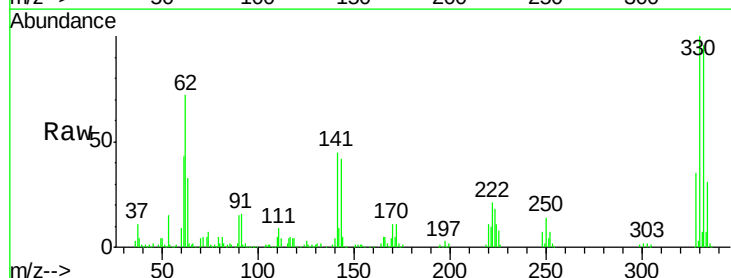
Tgt Ion:330 Resp: 368059

Ion Ratio Lower Upper

330 100

332 96.7 76.6 114.8

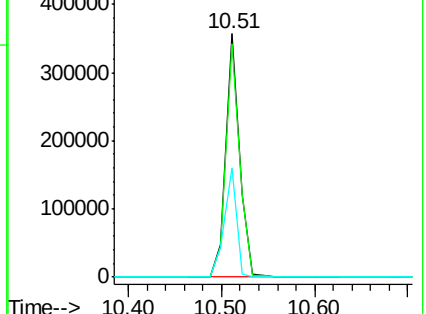
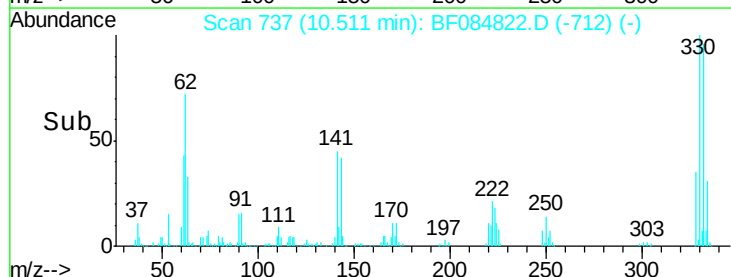
141 39.9 27.8 41.6

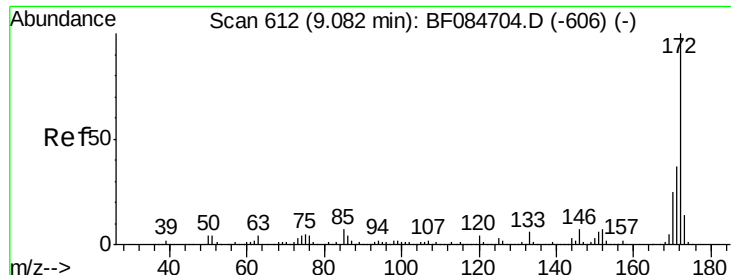


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

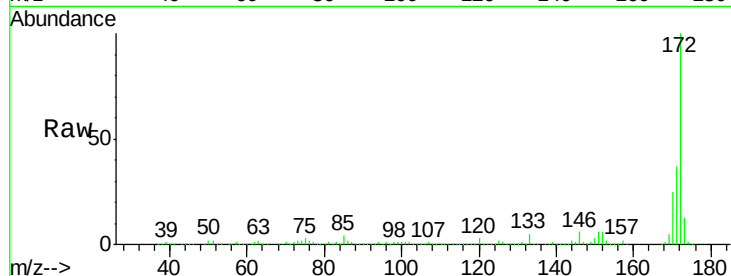




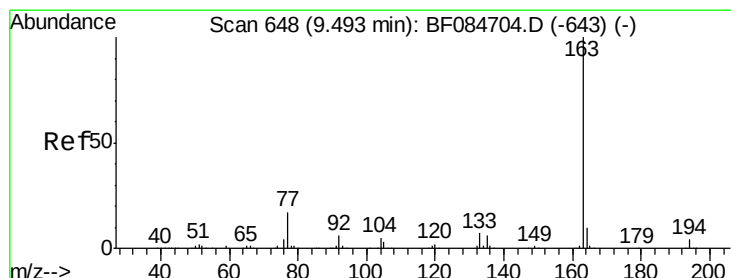
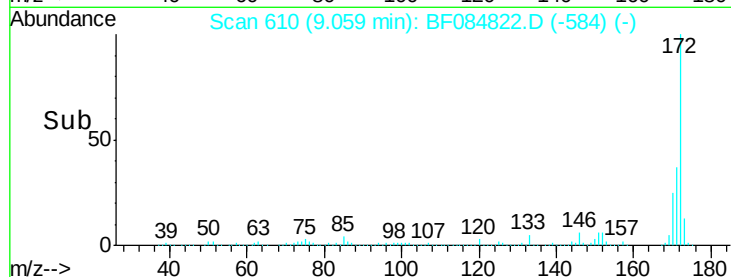
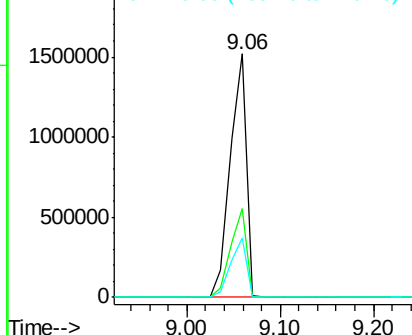
#44
2-Fluorobiphenyl
Concen: 83.63 ng
RT: 9.06 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF084822.D
Acq: 4 Feb 2016 8:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1852008
Ion Ratio Lower Upper
172 100
171 36.6 28.9 43.3
170 24.5 18.6 27.8

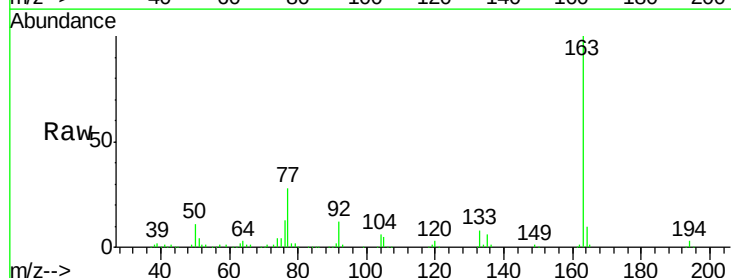


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

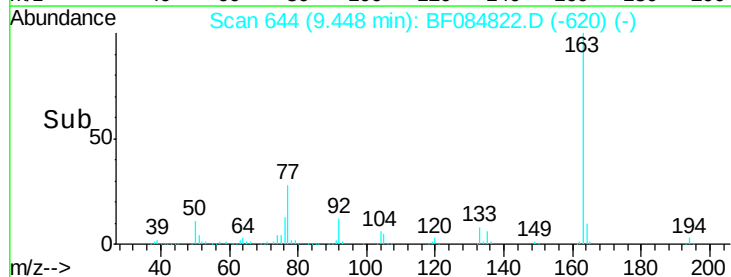
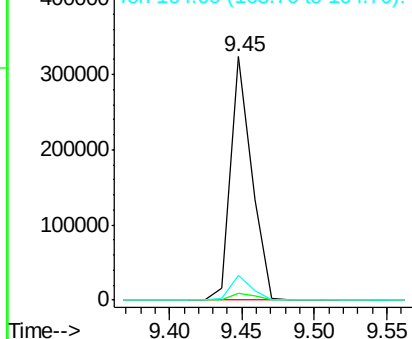


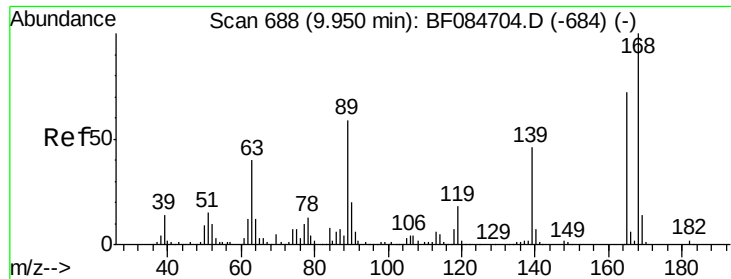
#49
Dimethylphthalate
Concen: 11.57 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF084822.D
Acq: 4 Feb 2016 8:48

Tgt Ion:163 Resp: 326720
Ion Ratio Lower Upper
163 100
194 2.9 8.0 12.0#
164 10.4 8.0 12.0



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

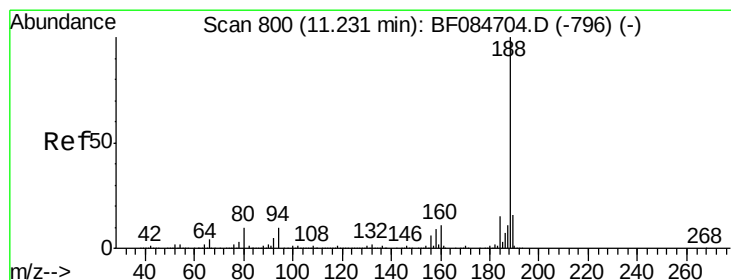
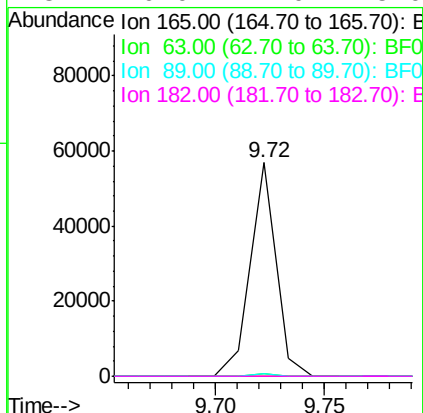
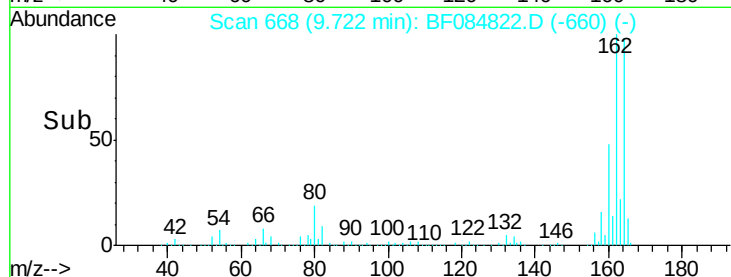
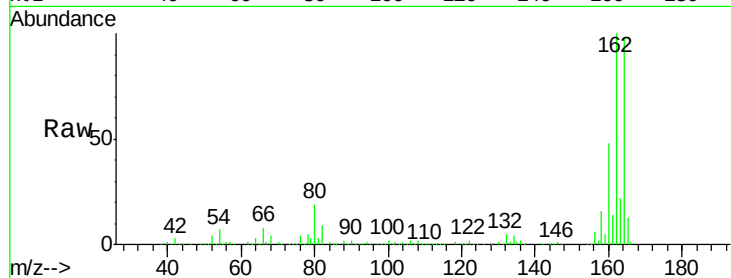




#56
2,4-Dinitrotoluene
Concen: 5.97 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.21 min
Lab File: BF084822.D
Acq: 4 Feb 2016 8:48

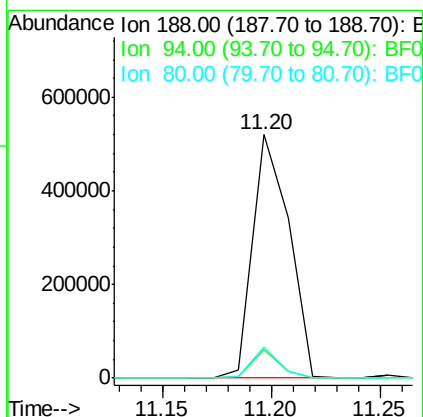
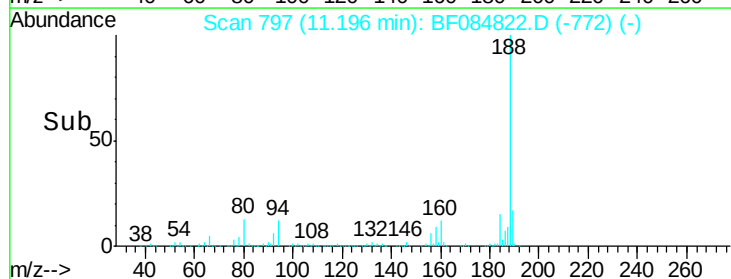
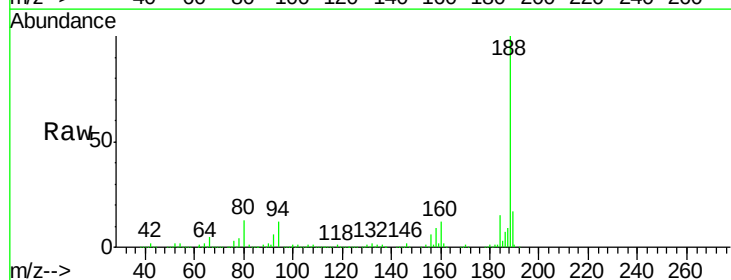
Instrument :
BNA_F
ClientSampleId :

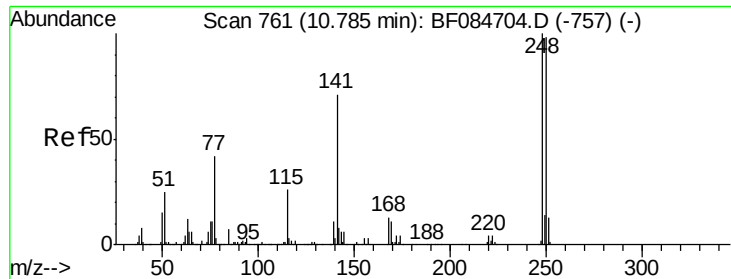
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.7	55.1#
89	1.5	61.9	92.9#
182	0.0	2.0	3.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF084822.D
Acq: 4 Feb 2016 8:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.0	13.4
80	13.0	9.6	14.4

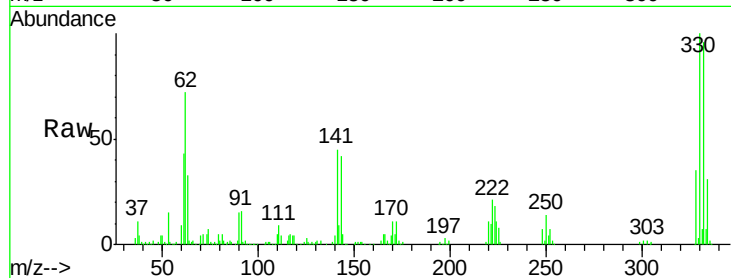




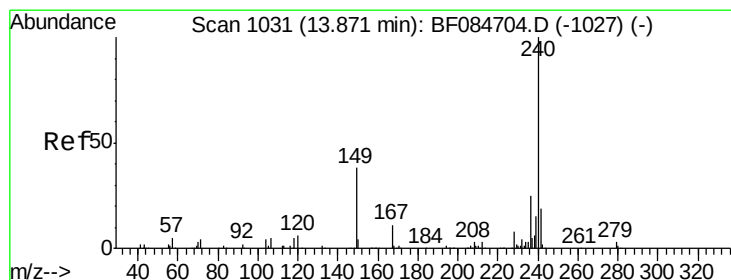
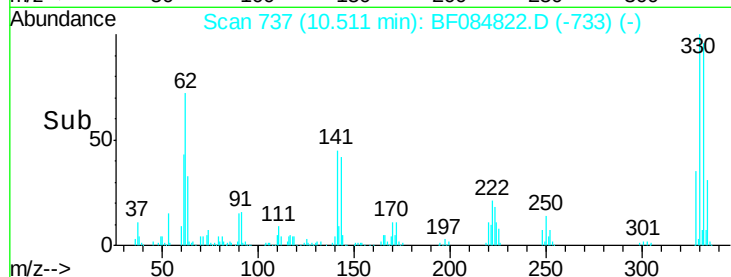
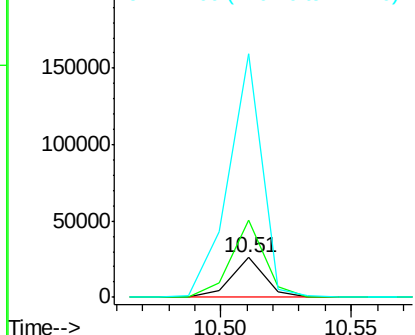
#66
4-Bromophenyl-phenylether
Concen: 3.51 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.25 min
Lab File: BF084822.D
Acq: 4 Feb 2016 8:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 23564
Ion Ratio Lower Upper
248 100
250 192.9 78.4 117.6#
141 611.3 44.0 66.0#

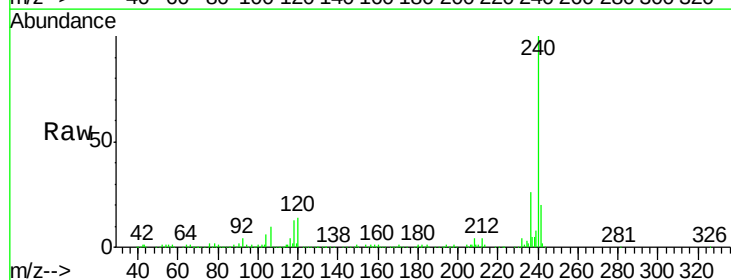


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

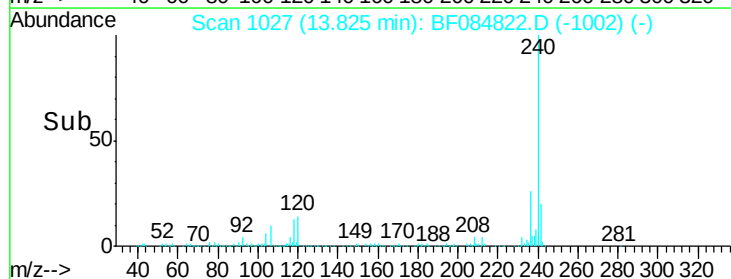
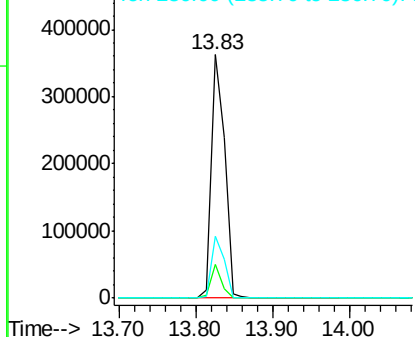


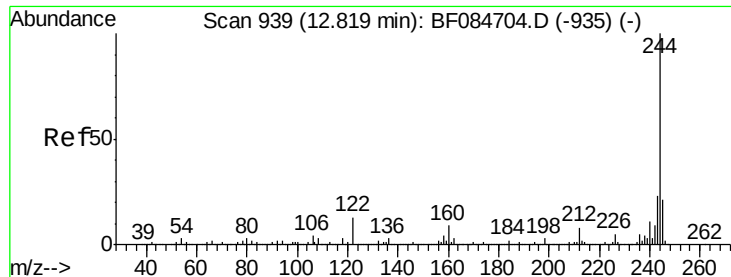
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF084822.D
Acq: 4 Feb 2016 8:48

Tgt Ion:240 Resp: 431593
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 25.6 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: 75.83 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF084822.D

Acq: 4 Feb 2016 8:48

Instrument :

BNA_F

ClientSampleId :

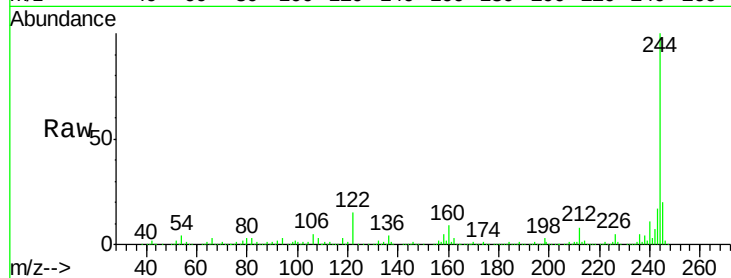
Tot Ion:244 Resp: 1444279

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

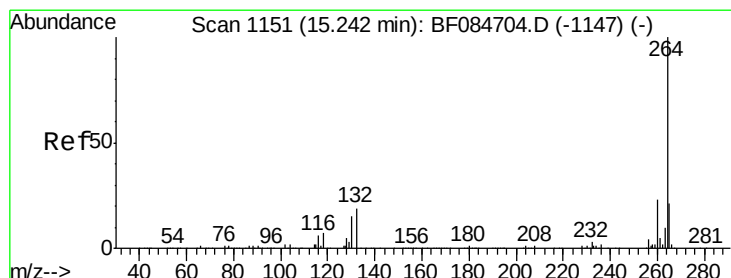
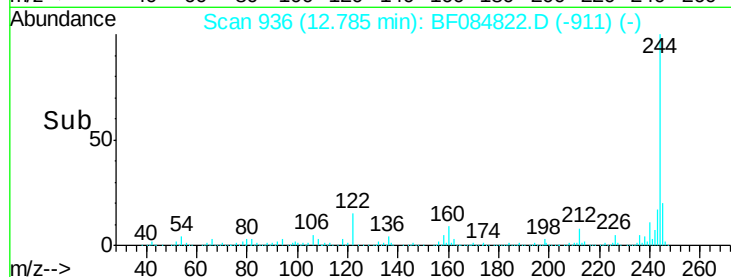
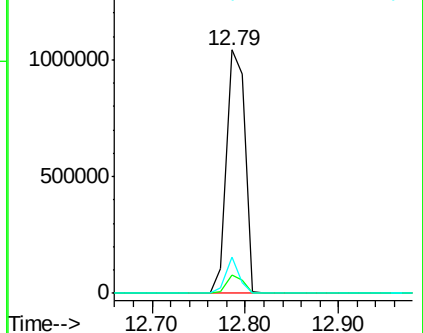
122 14.8 7.4 11.0#



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: 15.21 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF084822.D

Acq: 4 Feb 2016 8:48

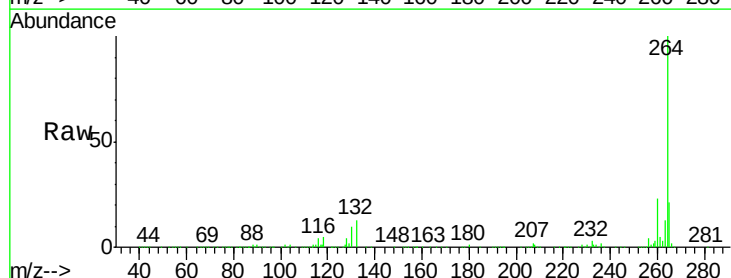
Tgt Ion:264 Resp: 364450

Ion Ratio Lower Upper

264 100

260 22.9 19.4 29.2

265 20.8 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

