

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
 Data File : BF084792.D
 Acq On : 3 Feb 2016 18:46
 Operator : SJ/IZ
 Sample : PB88148BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88148BL

Quant Time: Feb 04 00:28:12 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

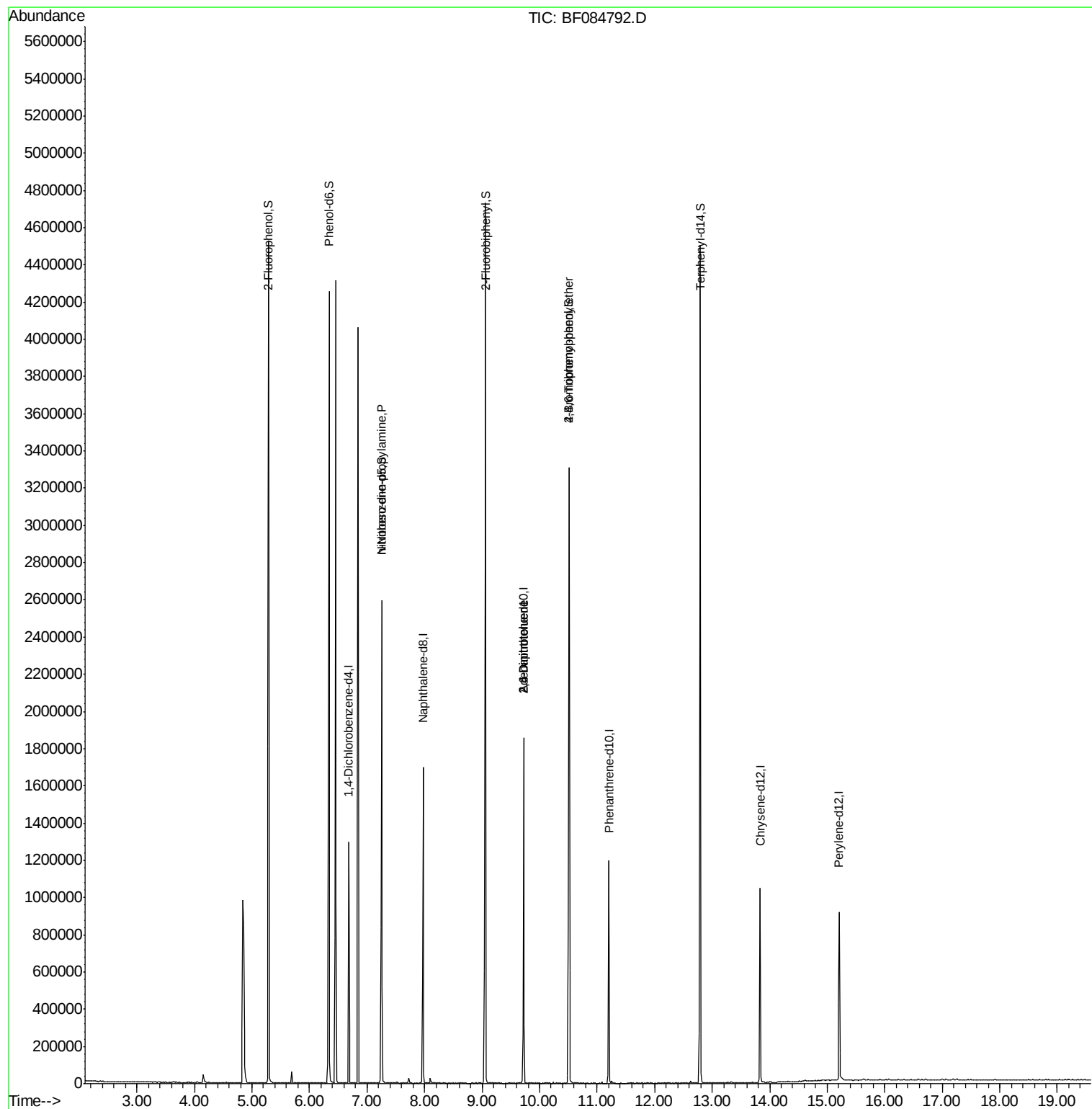
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	180077	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	793627	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	353603	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	655788	20.00	ng	0.00
75) Chrysene-d12	13.84	240	562472	20.00	ng	0.00
86) Perylene-d12	15.21	264	393230	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1257233	108.75	ng	0.01
7) Phenol-d6	6.34	99	1524124	106.34	ng	0.00
23) Nitrobenzene-d5	7.25	82	917855	65.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	396311	107.45	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1894661	93.28	ng	0.00
78) Terphenyl-d14	12.80	244	1809582	72.90	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	123576	13.75	ng	# 72
50) 2,6-Dinitrotoluene	9.72	165	46204	7.85	ng	# 38
56) 2,4-Dinitrotoluene	9.72	165	46204	6.16	ng	# 22
66) 4-Bromophenyl-phenylether	10.51	248	24170	3.34	ng	# 1

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

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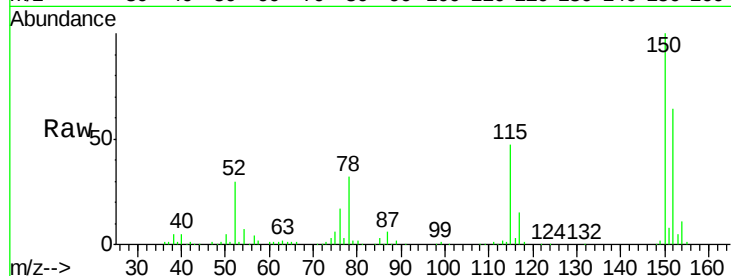


#1

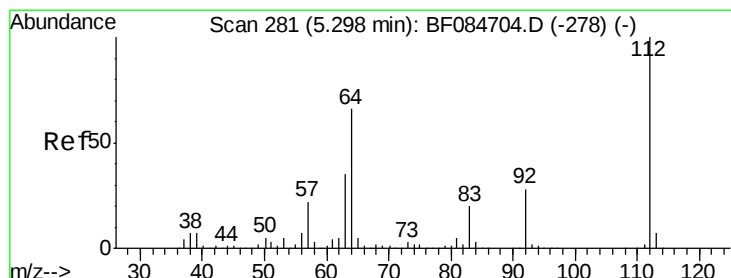
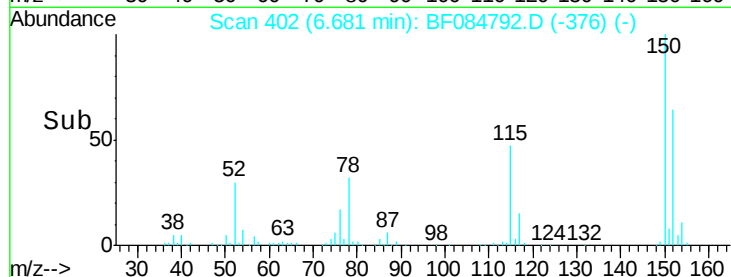
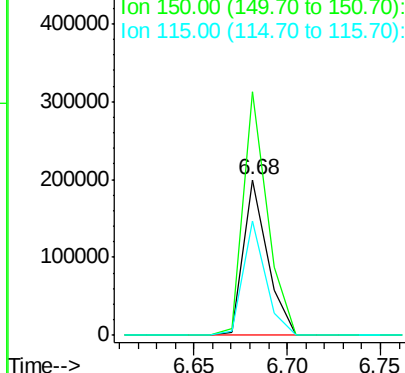
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF084792.D
Acq: 3 Feb 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB88148BL

Tgt Ion:152 Resp: 180077
Ion Ratio Lower Upper
152 100
150 156.4 123.0 184.4
115 73.3 51.4 77.2



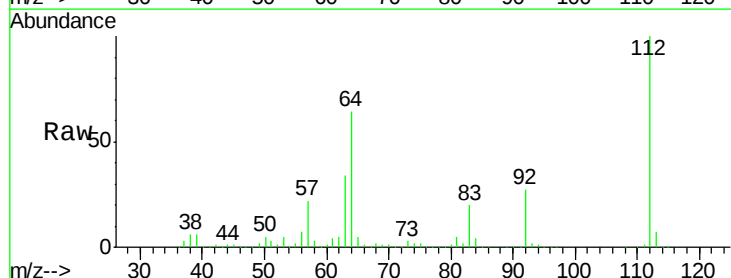
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



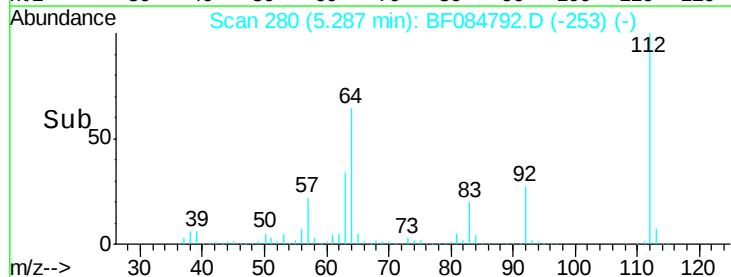
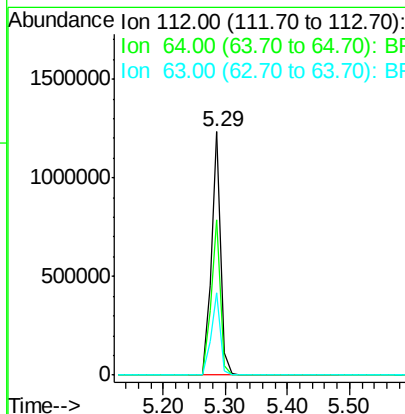
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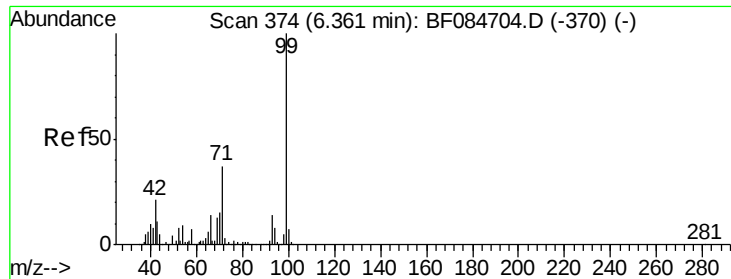
2-Fluorophenol
Concen: 108.75 ng
RT: 5.29 min Scan# 280
Delta R.T. 0.01 min
Lab File: BF084792.D
Acq: 3 Feb 2016 18:46

Tgt Ion:112 Resp: 1257233
Ion Ratio Lower Upper
112 100
64 63.6 36.6 55.0#
63 33.7 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





#7

Phenol-d6

Concen: 106.34 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF084792.D

Acq: 3 Feb 2016 18:46

Instrument :

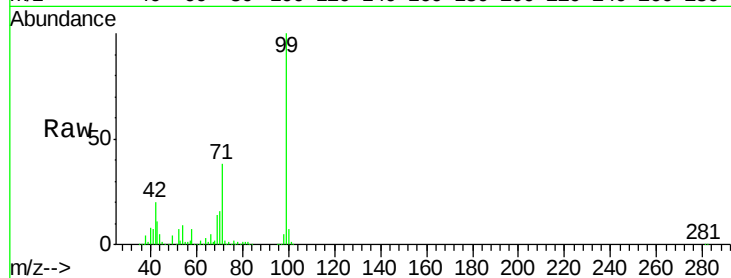
BNA_F

ClientSampleId :

PB88148BL

Tgt Ion: 99 Resp: 1524124

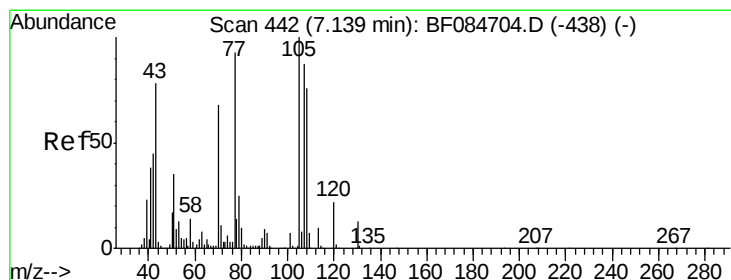
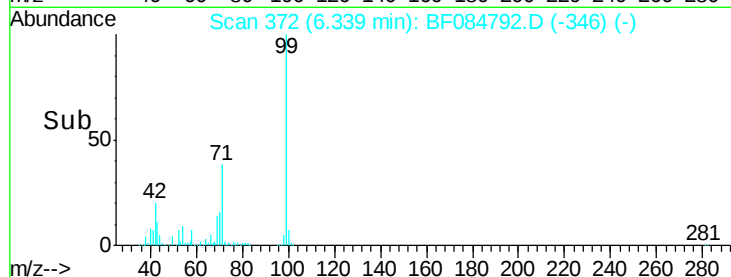
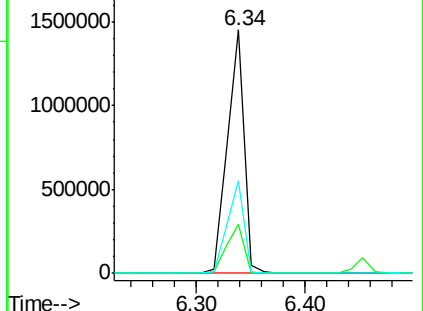
Ion	Ratio	Lower	Upper
99	100		
42	19.9	12.8	19.2#
71	37.8	30.9	46.3



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: 13.75 ng

RT: 7.25 min Scan# 452

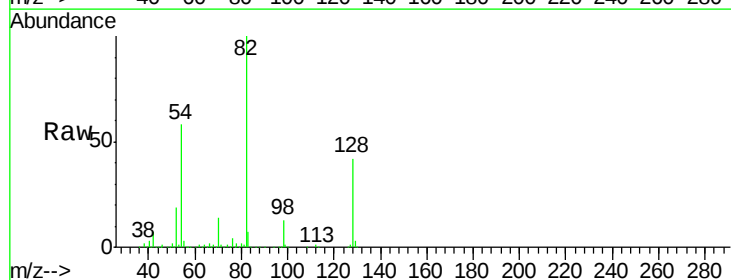
Delta R.T. 0.14 min

Lab File: BF084792.D

Acq: 3 Feb 2016 18:46

Tgt Ion: 70 Resp: 123576

Ion	Ratio	Lower	Upper
70	100		
42	48.9	33.3	49.9
101	0.0	9.3	13.9#
130	2.1	23.4	35.0#

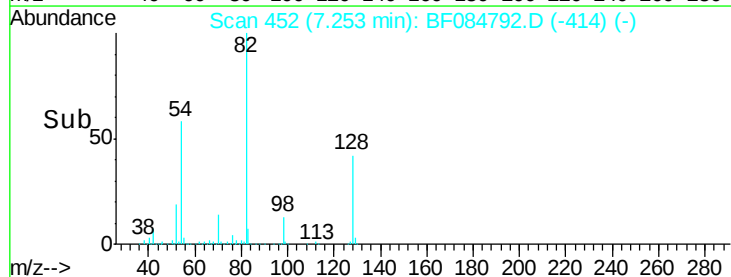
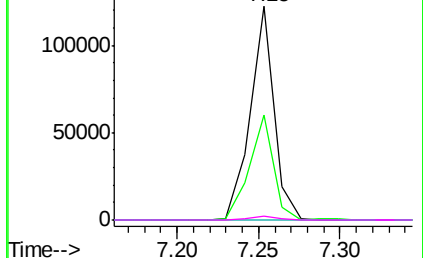


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.97 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF084792.D

Acq: 3 Feb 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB88148BL

Tgt Ion: 136 Resp: 793627

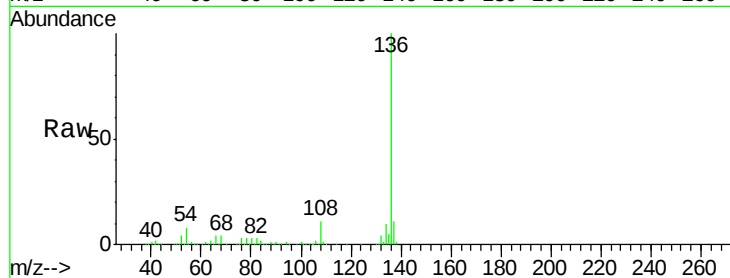
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 7.8 5.8 8.8

68 4.4 4.2 6.2

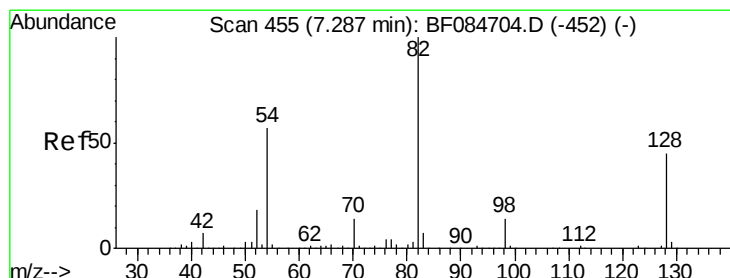
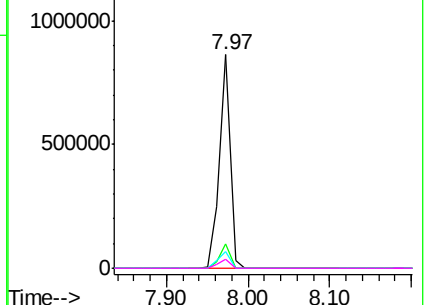
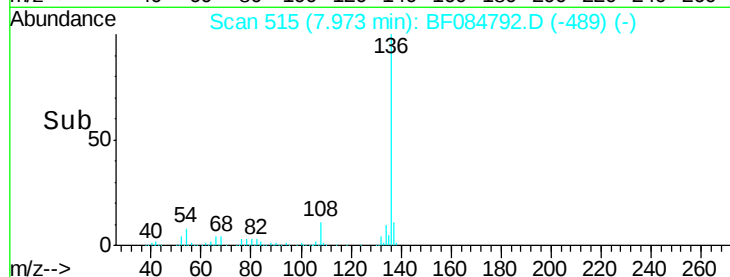


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.15 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF084792.D

Acq: 3 Feb 2016 18:46

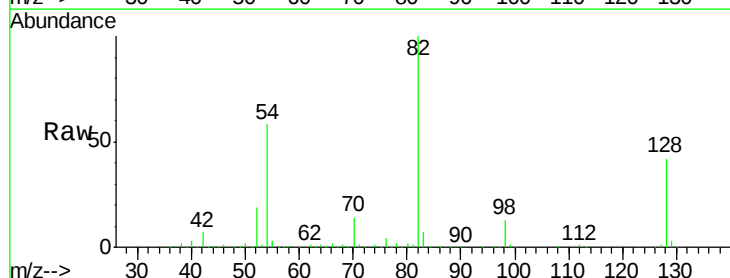
Tgt Ion: 82 Resp: 917855

Ion Ratio Lower Upper

82 100

128 42.0 34.6 51.8

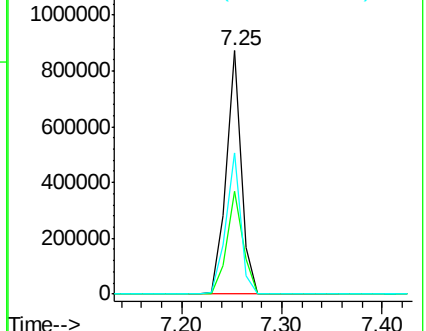
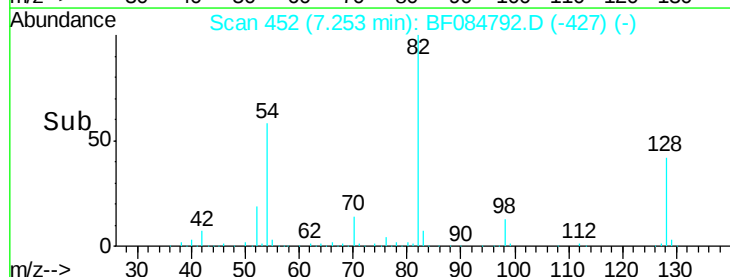
54 57.9 38.4 57.6#

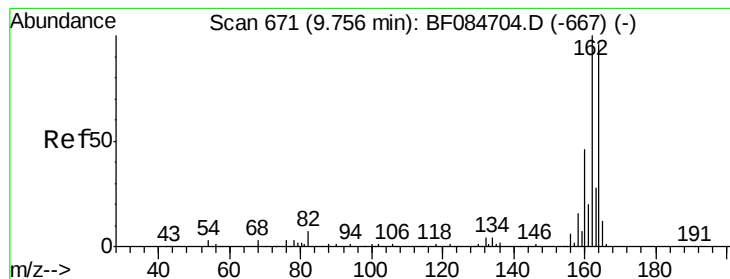


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF084792.D

Acq: 3 Feb 2016 18:46

Instrument :

BNA_F

ClientSampled :

PB88148BL

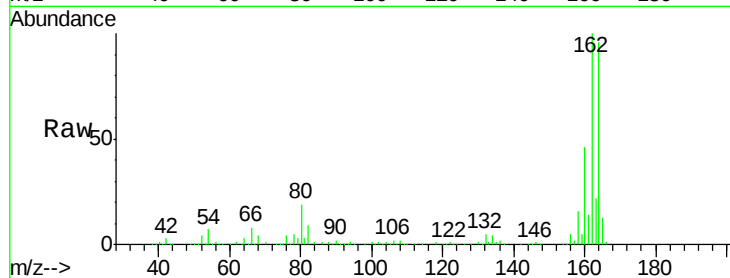
Tgt Ion:164 Resp: 353603

Ion Ratio Lower Upper

164 100

162 104.4 85.1 127.7

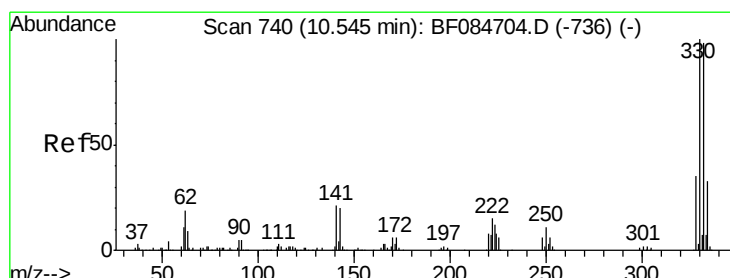
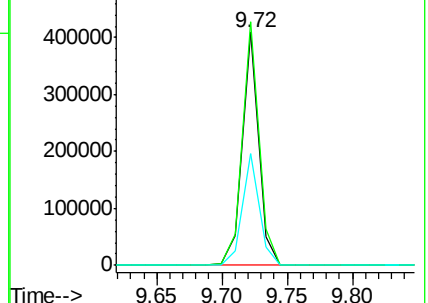
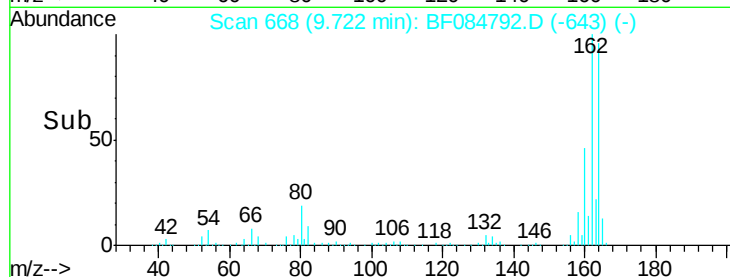
160 47.8 37.5 56.3



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: 107.45 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF084792.D

Acq: 3 Feb 2016 18:46

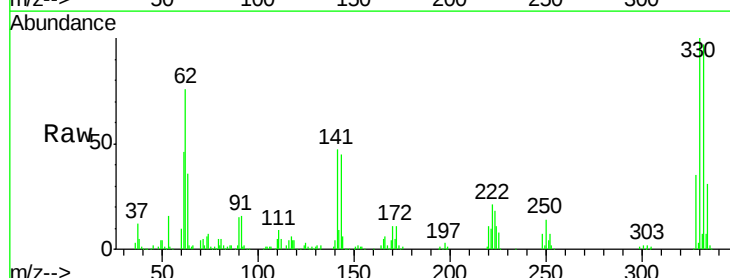
Tgt Ion:330 Resp: 396311

Ion Ratio Lower Upper

330 100

332 97.4 76.6 114.8

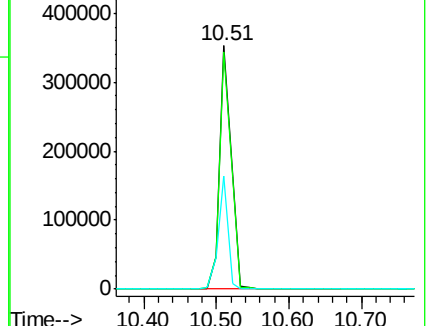
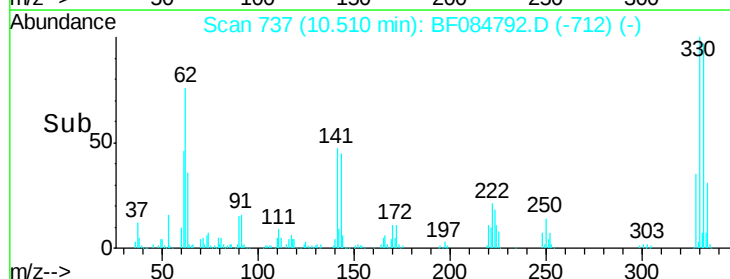
141 38.5 27.8 41.6

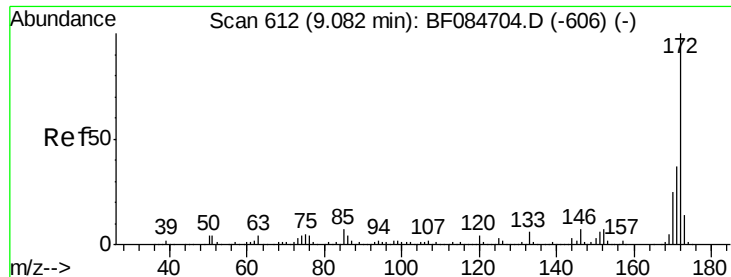


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

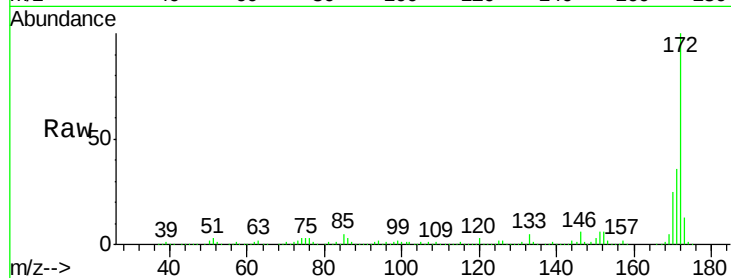




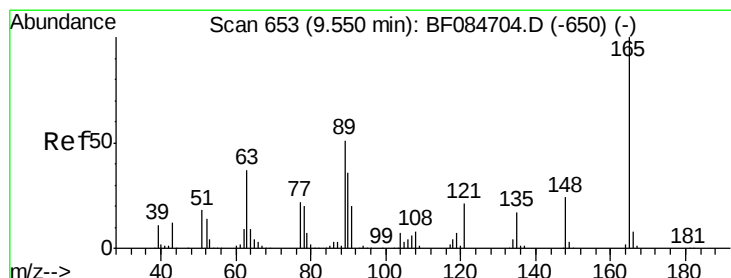
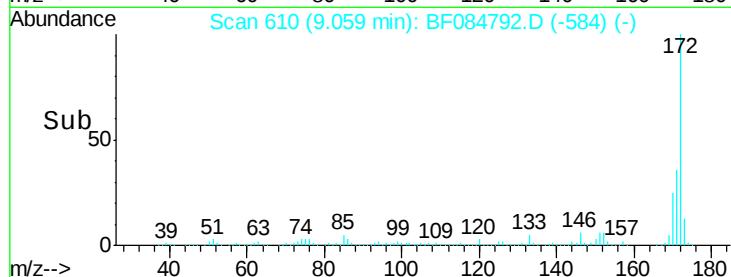
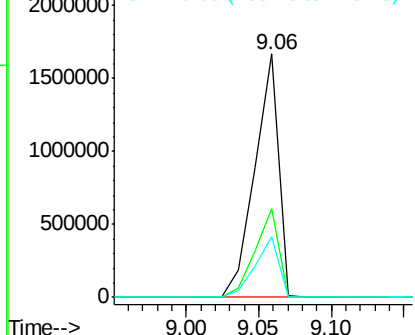
#44
 2-Fluorobiphenyl
 Concen: 93.28 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF084792.D
 Acq: 3 Feb 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB88148BL

Tgt Ion:172 Resp: 1894661
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.9 43.3
 170 24.9 18.6 27.8

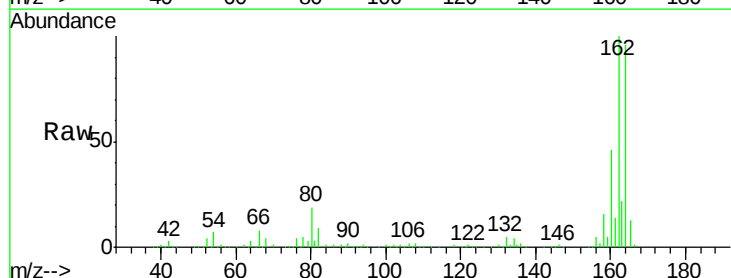


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

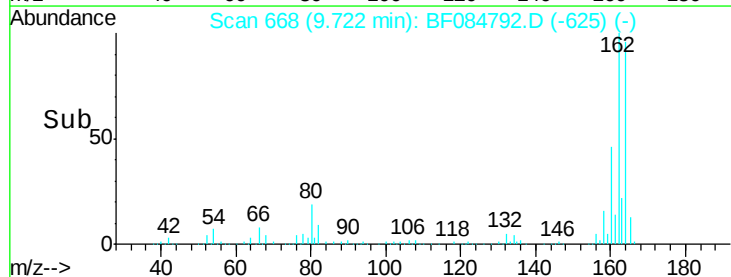
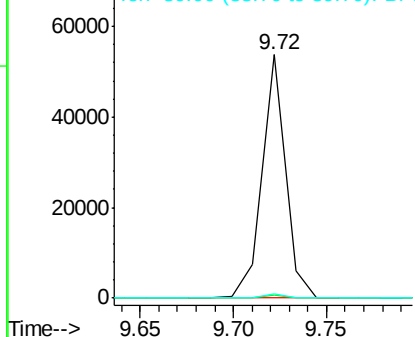


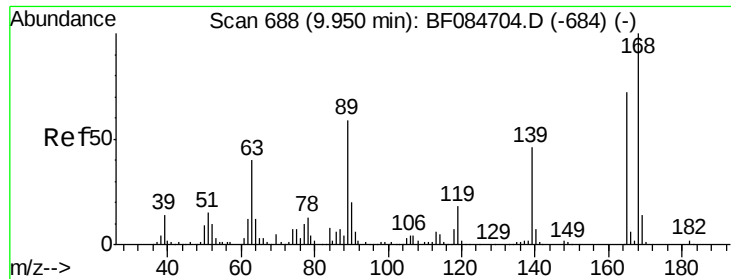
#50
 2,6-Dinitrotoluene
 Concen: 7.85 ng
 RT: 9.72 min Scan# 668
 Delta R.T. 0.19 min
 Lab File: BF084792.D
 Acq: 3 Feb 2016 18:46

Tgt Ion:165 Resp: 46204
 Ion Ratio Lower Upper
 165 100
 63 1.5 28.8 43.2#
 89 1.7 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

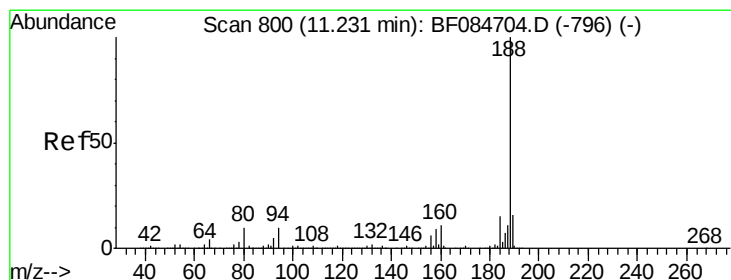
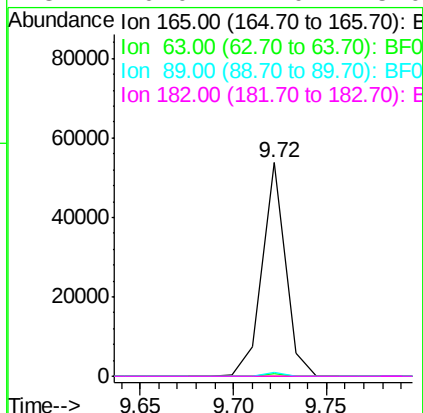
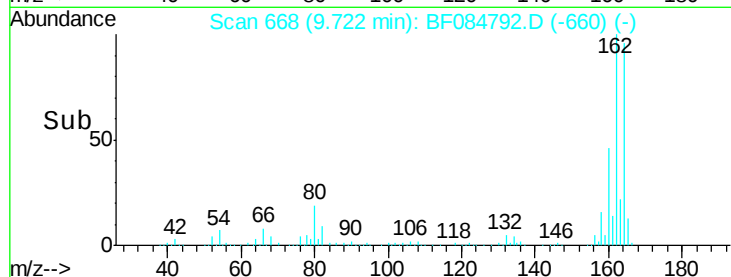
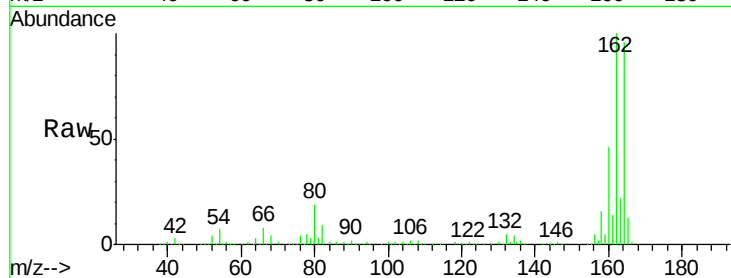




#56
2,4-Dinitrotoluene
Concen: 6.16 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.21 min
Lab File: BF084792.D
Acq: 3 Feb 2016 18:46

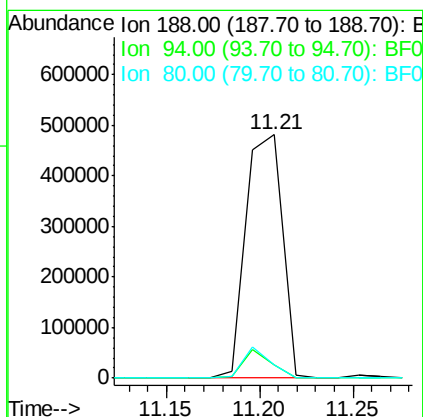
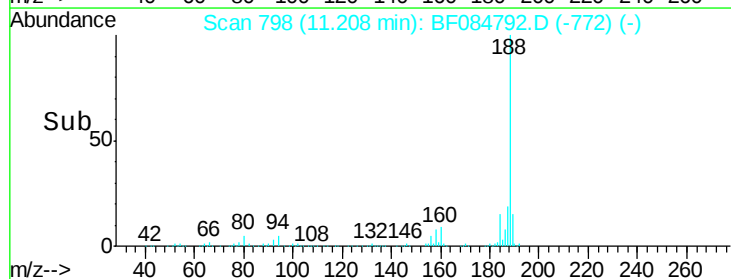
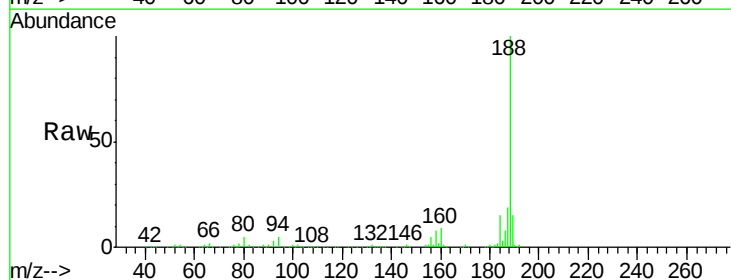
Instrument :
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PB88148BL

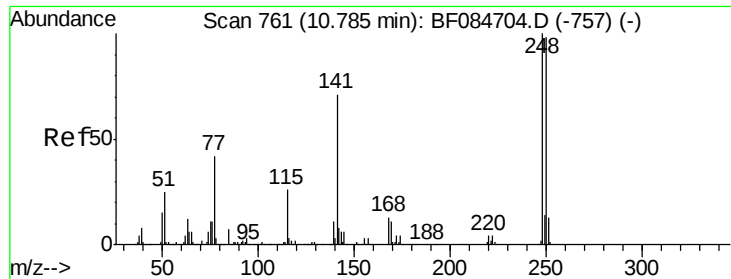
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.7	55.1#
89	1.7	61.9	92.9#
182	0.0	2.0	3.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF084792.D
Acq: 3 Feb 2016 18:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.2	9.0	13.4#
80	5.3	9.6	14.4#

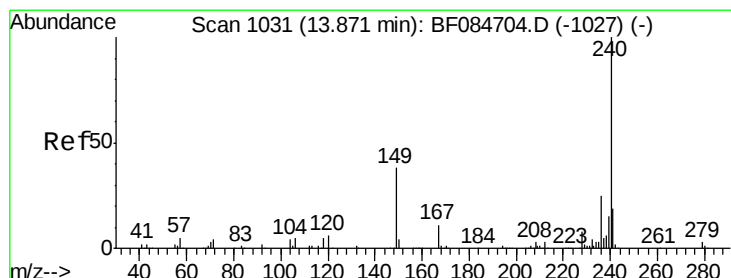
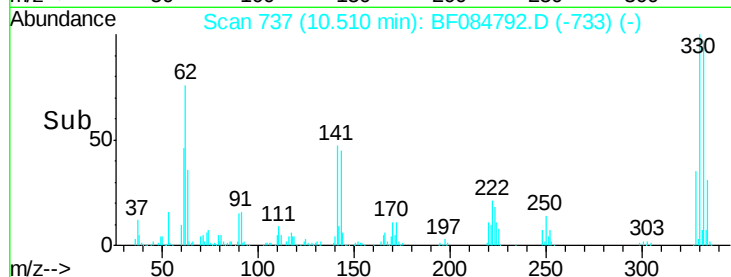
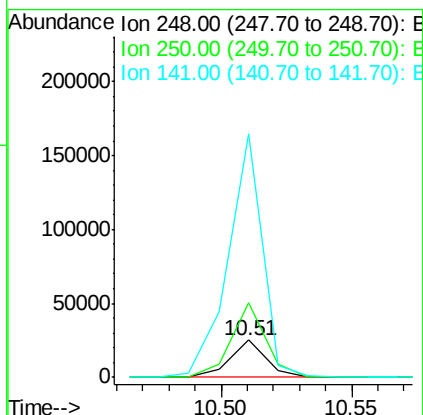
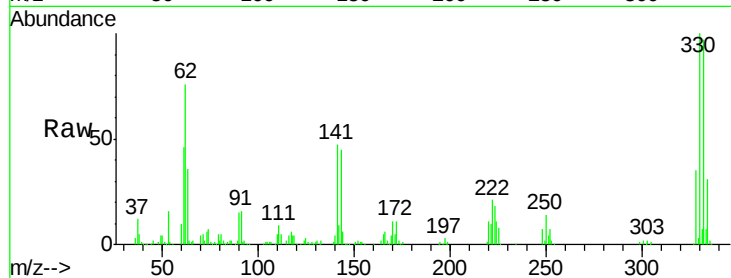




#66
4-Bromophenyl-phenylether
Concen: 3.34 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.25 min
Lab File: BF084792.D
Acq: 3 Feb 2016 18:46

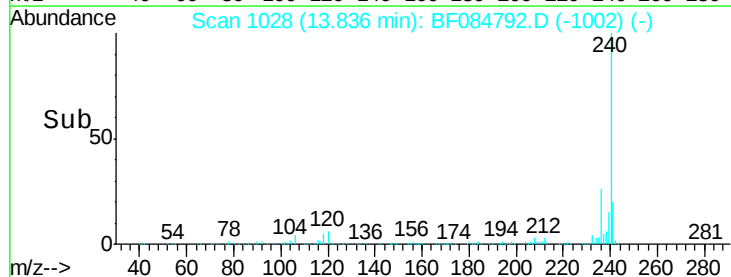
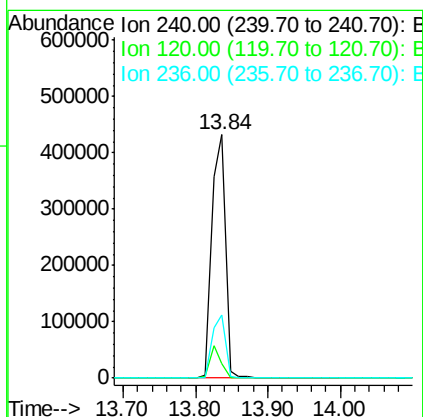
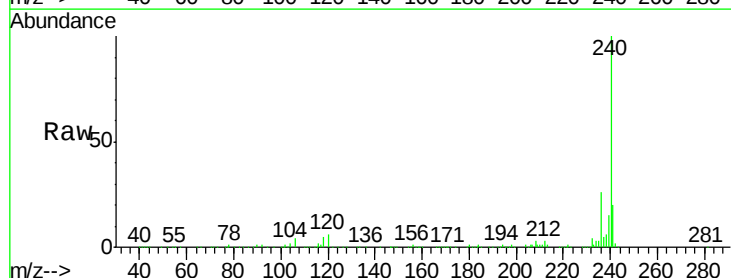
Instrument :
BNA_F
ClientSampleId :
PB88148BL

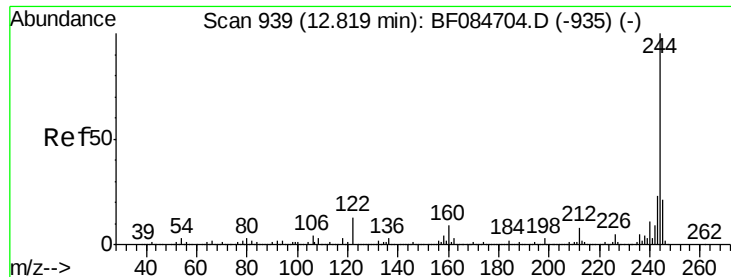
Tgt Ion:248 Resp: 24170
Ion Ratio Lower Upper
248 100
250 199.5 78.4 117.6#
141 652.6 44.0 66.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF084792.D
Acq: 3 Feb 2016 18:46

Tgt Ion:240 Resp: 562472
Ion Ratio Lower Upper
240 100
120 6.1 9.5 14.3#
236 26.1 20.6 31.0





#78

Terphenyl-d14

Concen: 72.90 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF084792.D

Acq: 3 Feb 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB88148BL

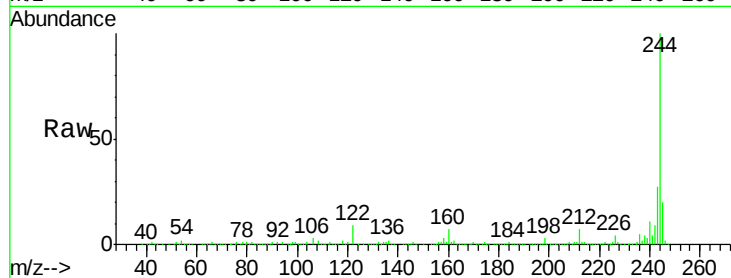
Tgt Ion:244 Resp: 1809582

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

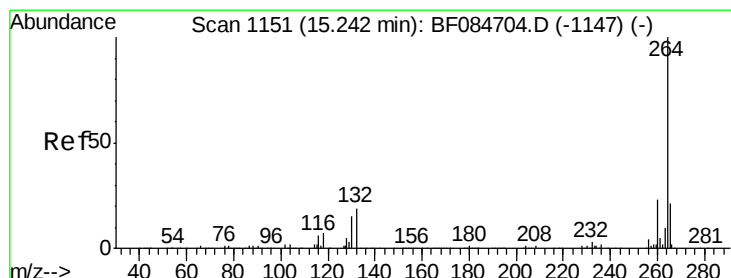
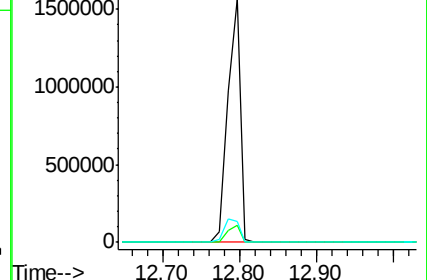
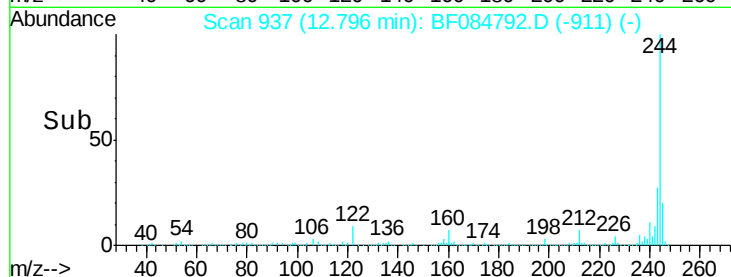
122 8.8 7.4 11.0



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: BF084792.D

Acq: 3 Feb 2016 18:46

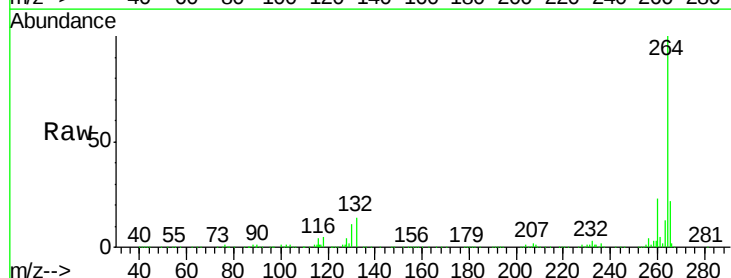
Tgt Ion:264 Resp: 393230

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.2

265 21.6 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

