

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
 Data File : BF084769.D
 Acq On : 3 Feb 2016 3:26
 Operator : SJ/IZ
 Sample : H1287-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(16-18)

Quant Time: Feb 03 06:51:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

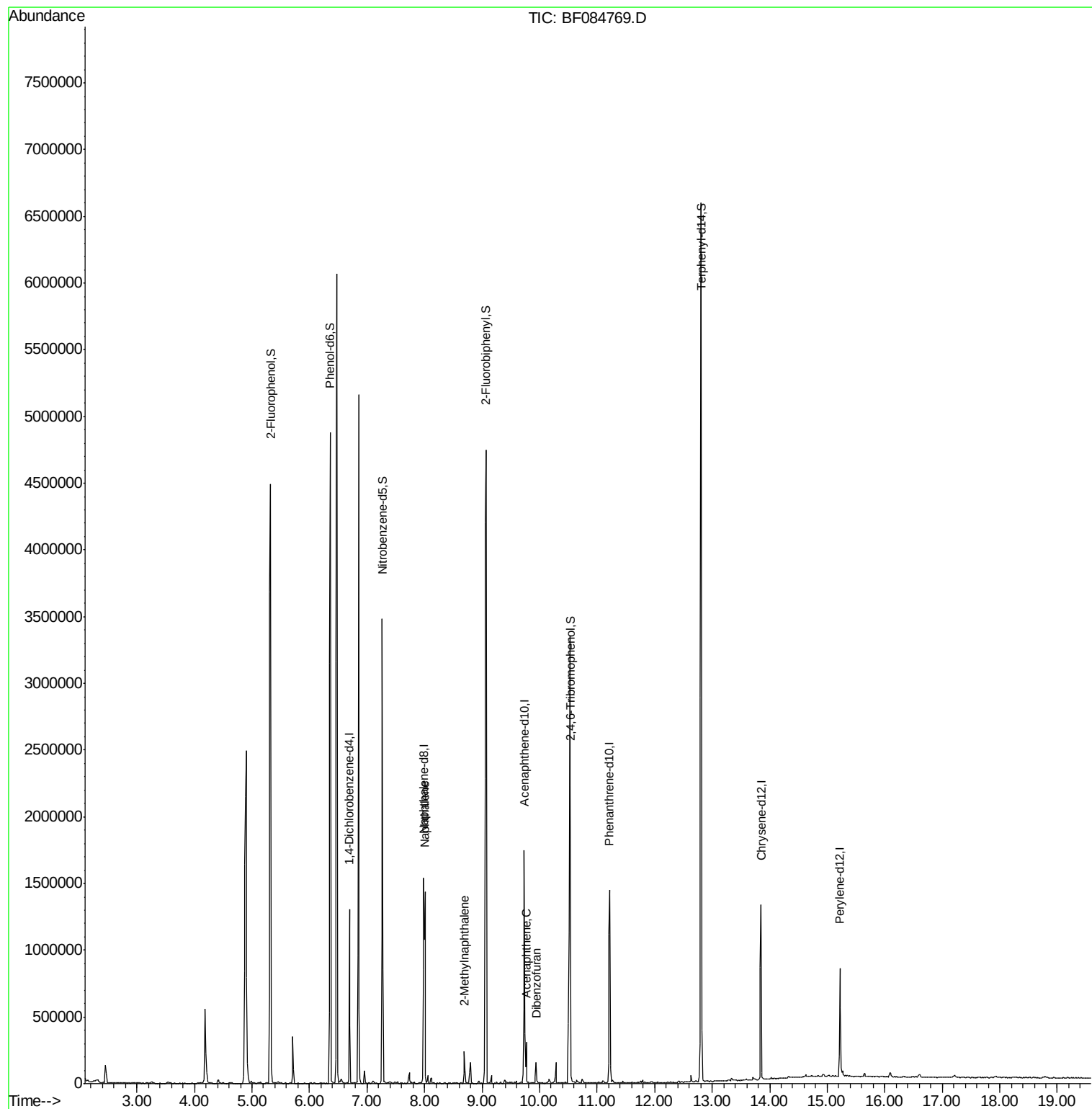
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	195168	20.00	ng	-0.03
21) Naphthalene-d8	7.98	136	845111	20.00	ng	-0.03
38) Acenaphthene-d10	9.73	164	393707	20.00	ng	-0.03
63) Phenanthrene-d10	11.22	188	748762	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	579875	20.00	ng	-0.02
86) Perylene-d12	15.22	264	403588	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1720756	137.33	ng	0.01
7) Phenol-d6	6.36	99	2019597	130.01	ng	-0.01
23) Nitrobenzene-d5	7.26	82	1251905	83.45	ng	-0.03
41) 2,4,6-Tribromophenol	10.53	330	675078	164.38	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	2587399	143.10	ng	-0.02
78) Terphenyl-d14	12.81	244	2180917	85.23	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	8.01	128	849715	20.04	ng	99
37) 2-Methylnaphthalene	8.69	142	86517	3.26	ng	97
51) Acenaphthene	9.77	154	80817	3.16	ng	97
54) Dibenzofuran	9.94	168	65563	2.10	ng	99

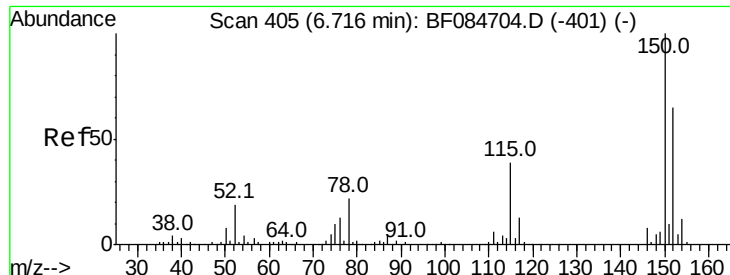
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF084769.D

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Instrument :

BNA_F

ClientSampleId :

SUP-B013(16-18)

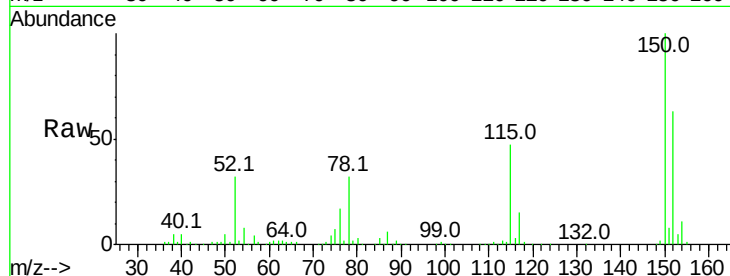
Tot Ion:152 Resp: 195168

Ion Ratio Lower Upper

152 100

150 157.9 123.0 184.4

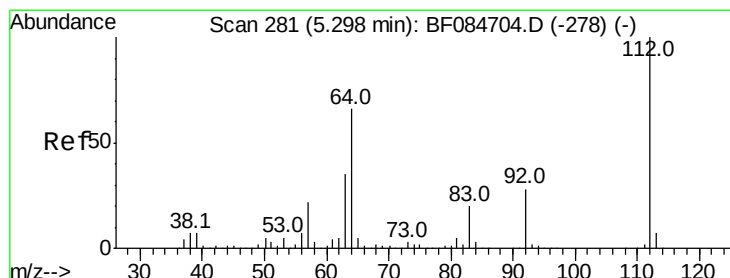
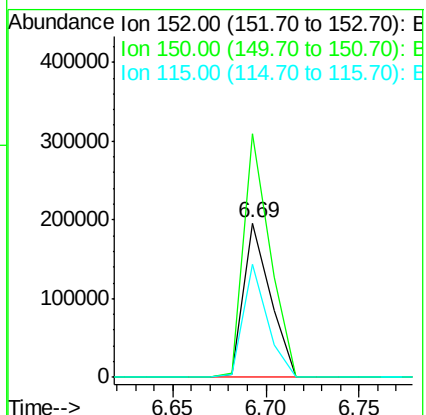
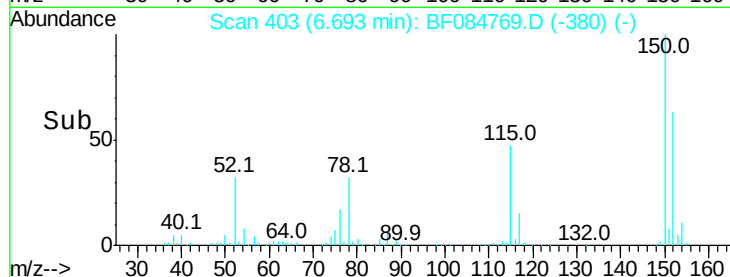
115 73.5 51.4 77.2



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: 137.33 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF084769.D

Acq: 3 Feb 2016 3:26

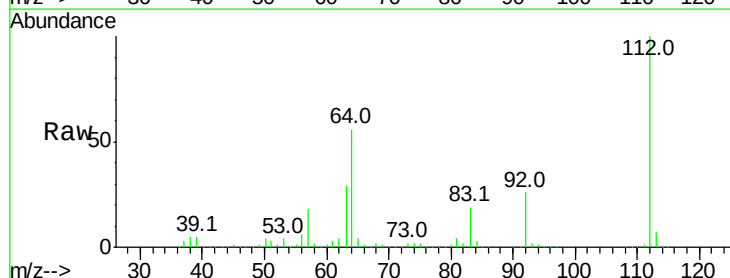
Tgt Ion:112 Resp: 1720756

Ion Ratio Lower Upper

112 100

64 55.8 36.6 55.0#

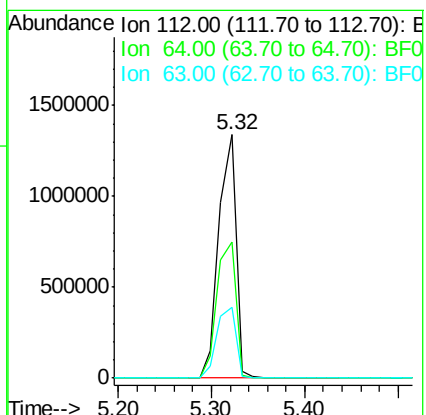
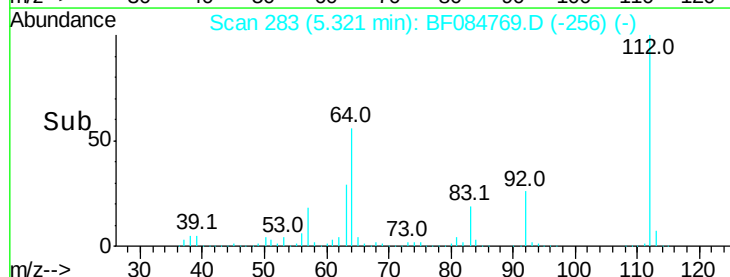
63 29.3 19.4 29.0#

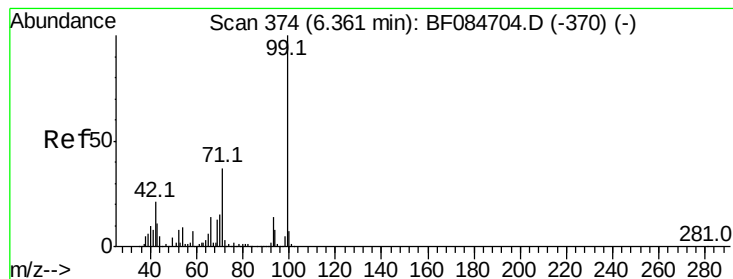


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 130.01 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084769.D

Acq: 3 Feb 2016 3:26

Instrument :

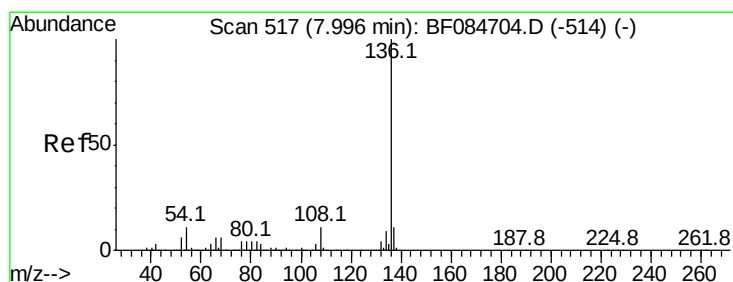
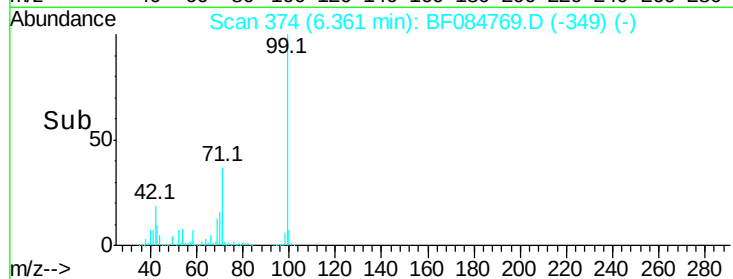
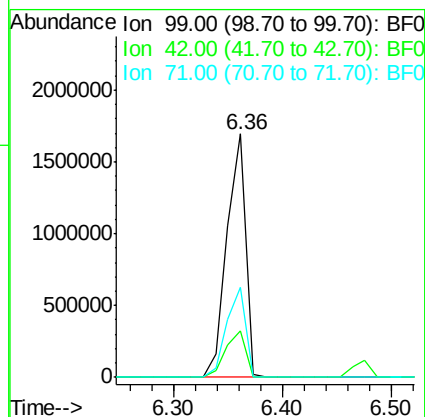
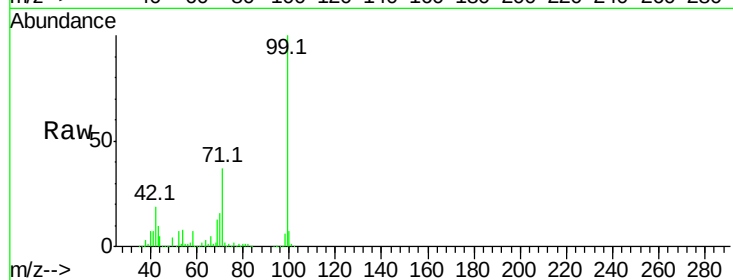
BNA_F

ClientSampleId :

SUP-B013(16-18)

Tot Ion: 99 Resp: 2019597

Ion	Ratio	Lower	Upper
99	100		
42	19.3	12.8	19.2#
71	36.9	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

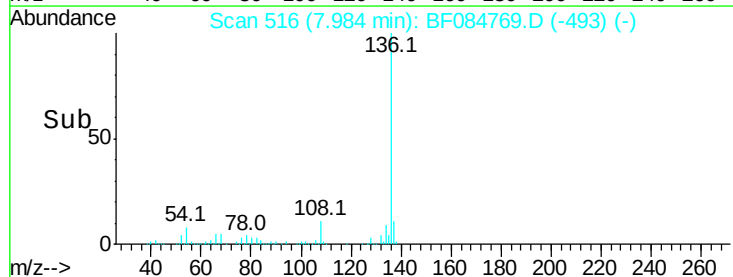
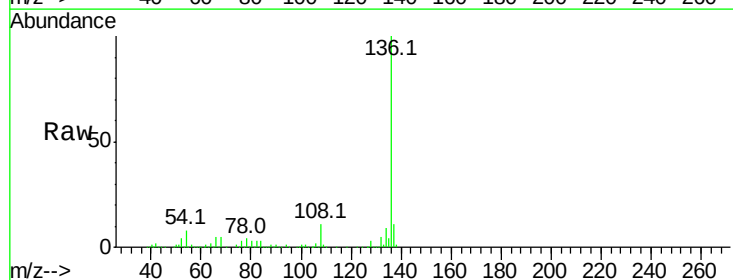
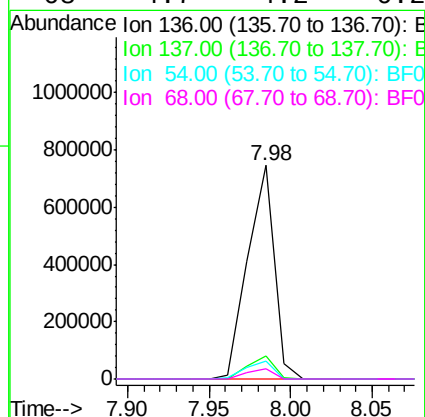
Delta R.T. -0.03 min

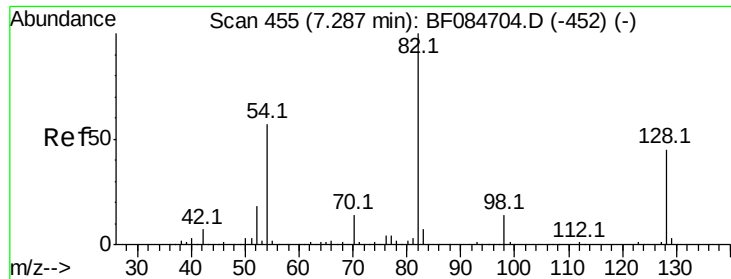
Lab File: BF084769.D

Acq: 3 Feb 2016 3:26

Tgt Ion: 136 Resp: 845111

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	8.2	5.8	8.8
68	4.7	4.2	6.2

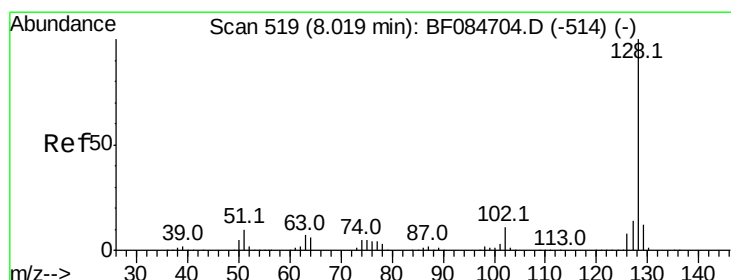
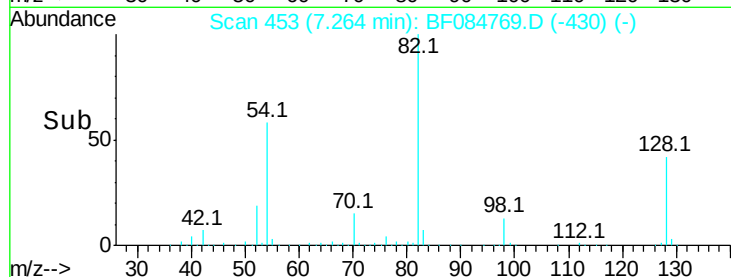
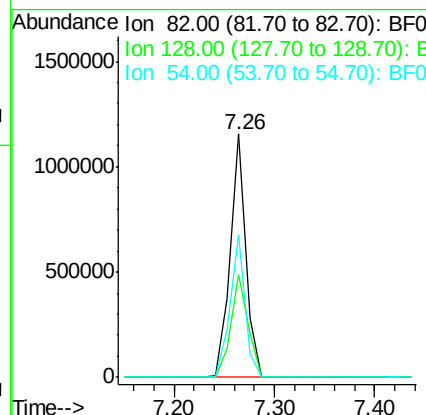
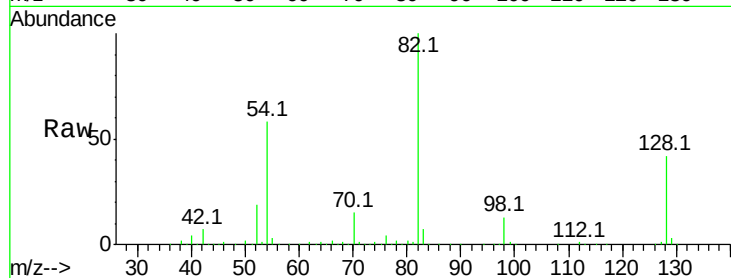




#23
 Nitrobenzene-d5
 Concen: 83.45 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.03 min
 Lab File: BF084769.D
 Acq: 3 Feb 2016 3:26

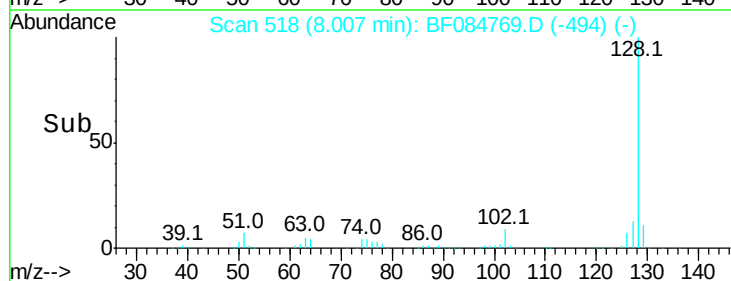
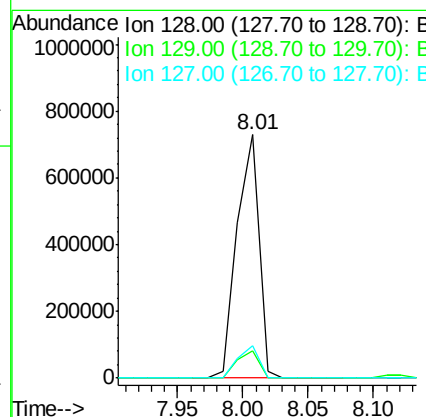
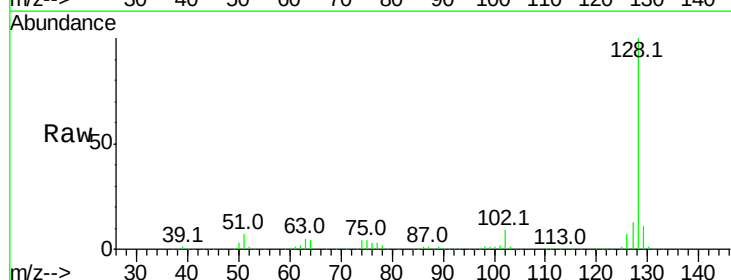
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(16-18)

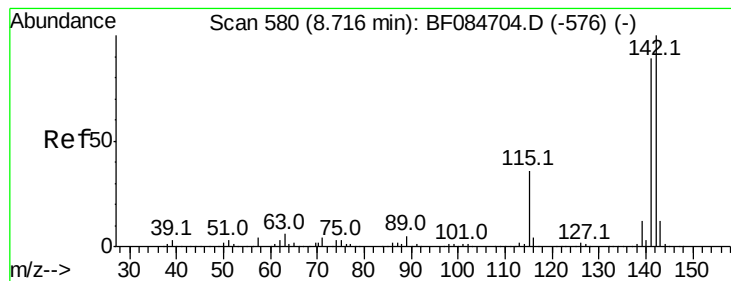
Tot Ion: 82 Resp: 1251905
 Ion Ratio Lower Upper
 82 100
 128 42.4 34.6 51.8
 54 58.4 38.4 57.6#



#31
 Naphthalene
 Concen: 20.04 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.02 min
 Lab File: BF084769.D
 Acq: 3 Feb 2016 3:26

Tgt Ion: 128 Resp: 849715
 Ion Ratio Lower Upper
 128 100
 129 11.1 9.1 13.7
 127 13.4 11.1 16.7





#37

2-Methylnaphthalene

Concen: 3.26 ng

RT: 8.69 min Scan# 578

Delta R.T. -0.03 min

Lab File: BF084769.D

Acq: 3 Feb 2016 3:26

Instrument :

BNA_F

ClientSampleId :

SUP-B013(16-18)

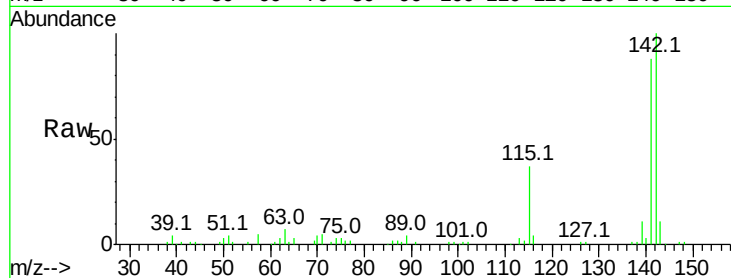
Tot Ion:142 Resp: 86517

Ion Ratio Lower Upper

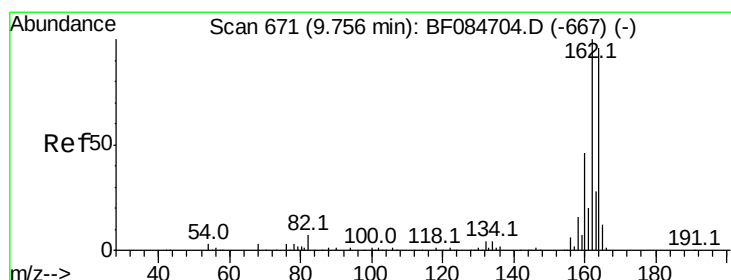
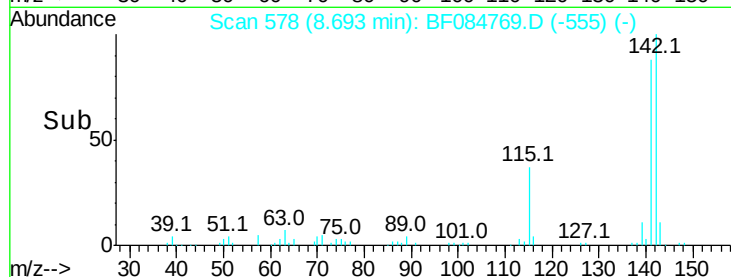
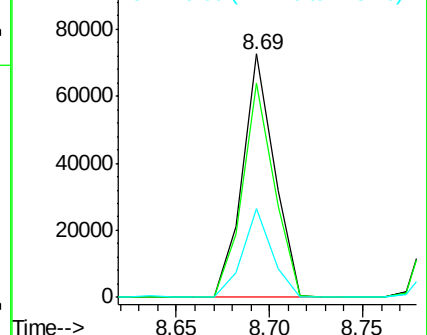
142 100

141 88.1 72.4 108.6

115 36.6 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.03 min

Lab File: BF084769.D

Acq: 3 Feb 2016 3:26

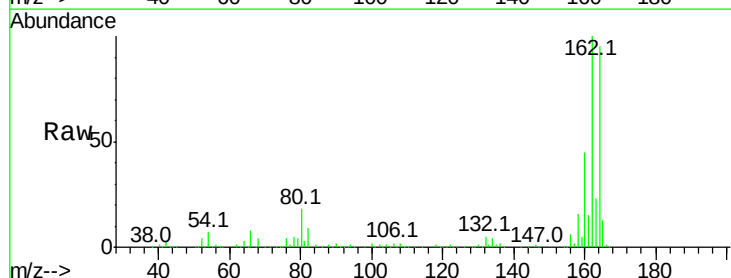
Tgt Ion:164 Resp: 393707

Ion Ratio Lower Upper

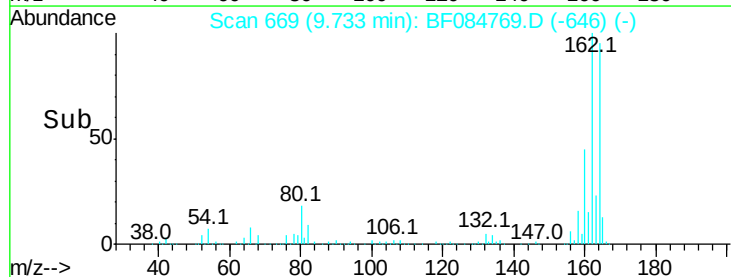
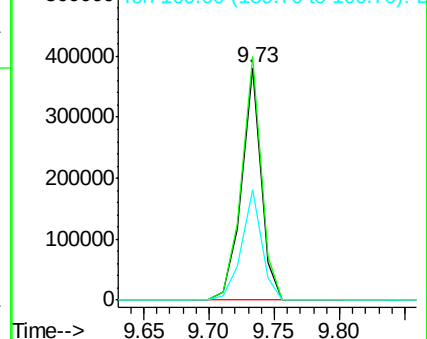
164 100

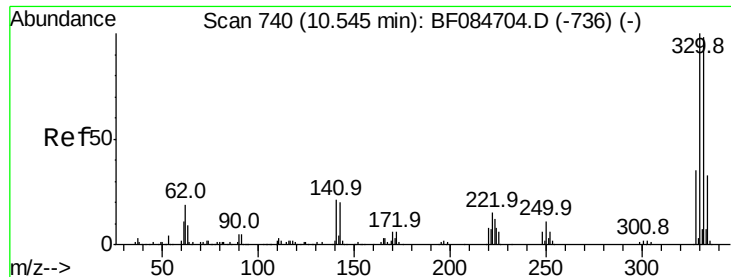
162 104.7 85.1 127.7

160 47.4 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

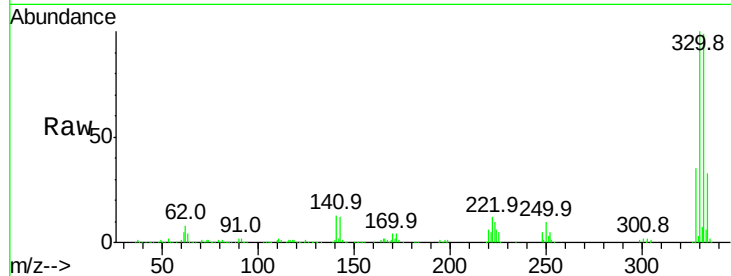




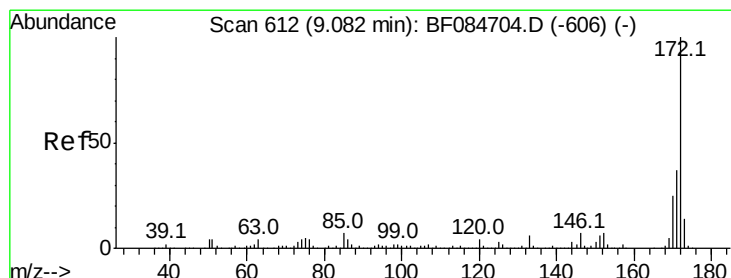
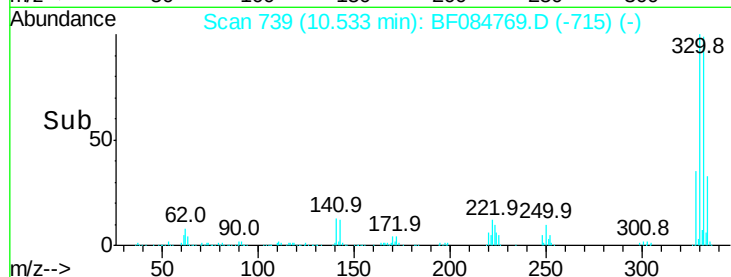
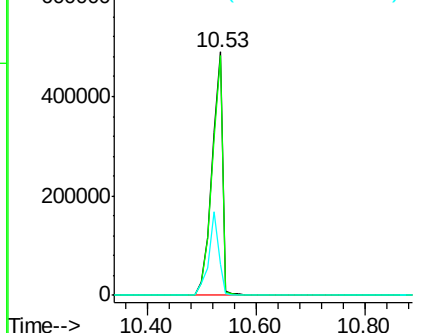
#41
 2,4,6-Tribromophenol
 Concen: 164.38 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF084769.D
 Acq: 3 Feb 2016 3:26

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(16-18)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	114.8
141	31.9	27.8	41.6

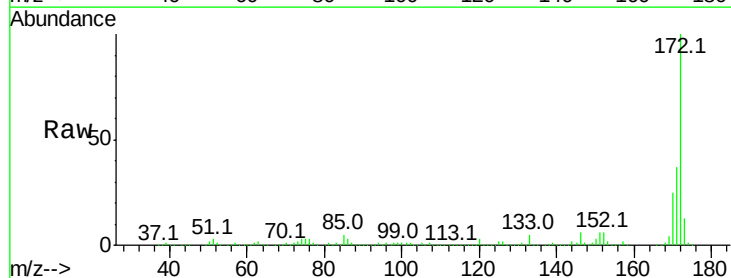


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

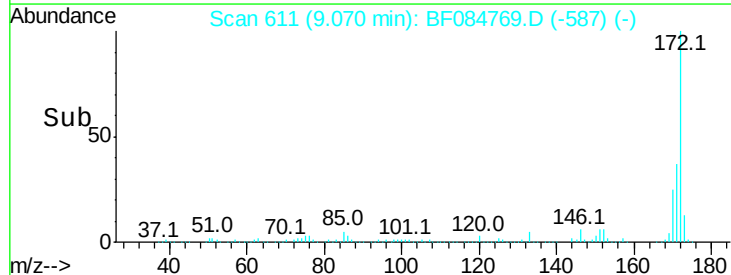
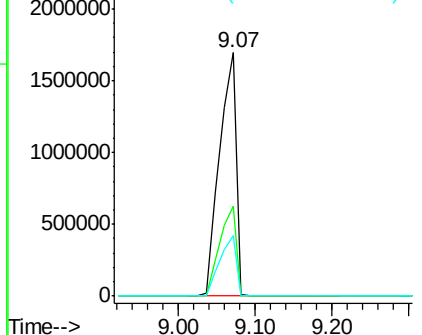


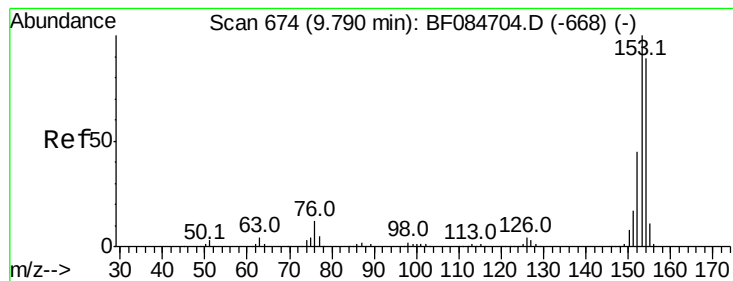
#44
 2-Fluorobiphenyl
 Concen: 143.10 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF084769.D
 Acq: 3 Feb 2016 3:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.9	43.3
170	25.0	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





#51

Acenaphthene

Concen: 3.16 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.03 min

Lab File: BF084769.D

Acq: 3 Feb 2016 3:26

Instrument :

BNA_F

ClientSampleId :

SUP-B013(16-18)

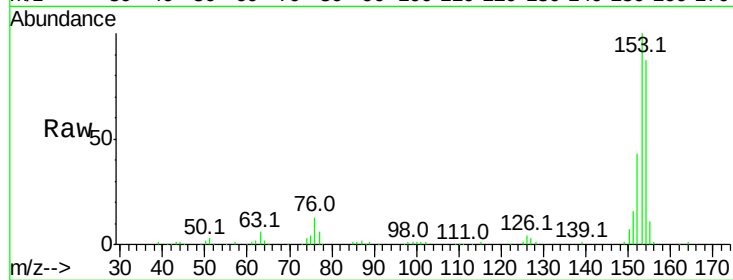
Tot Ion:154 Resp: 80817

Ion Ratio Lower Upper

154 100

153 115.4 91.5 137.3

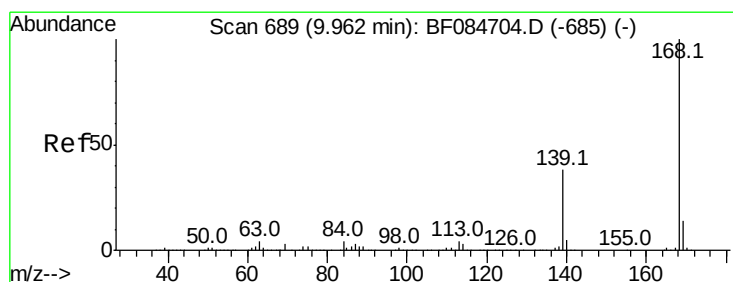
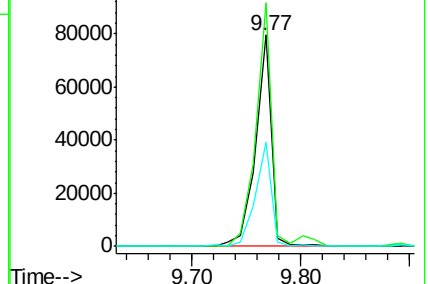
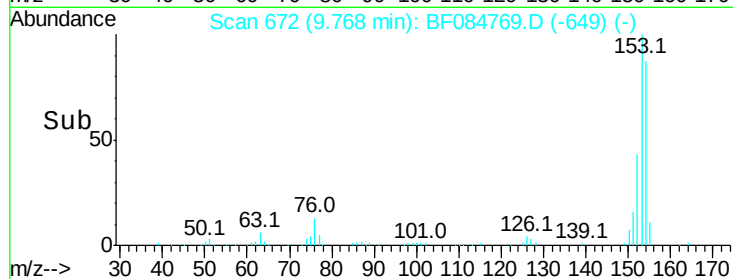
152 49.3 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 2.10 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.03 min

Lab File: BF084769.D

Acq: 3 Feb 2016 3:26

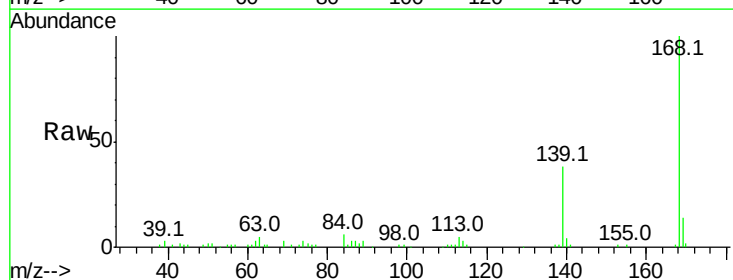
Tgt Ion:168 Resp: 65563

Ion Ratio Lower Upper

168 100

139 37.8 30.5 45.7

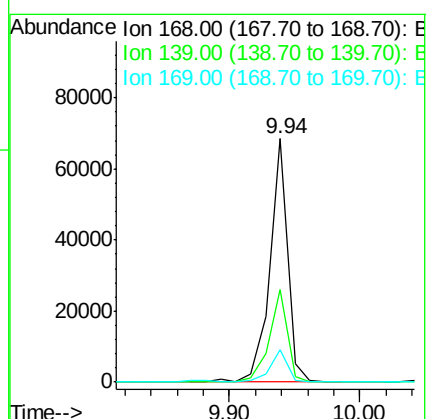
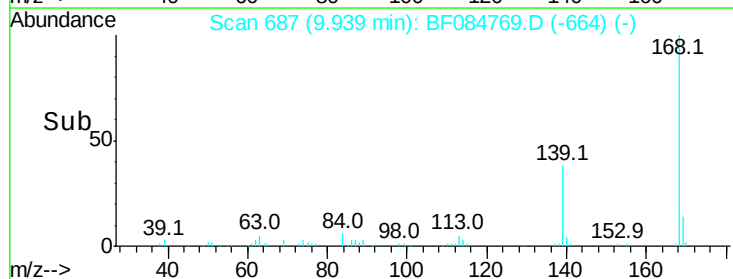
169 13.6 10.4 15.6

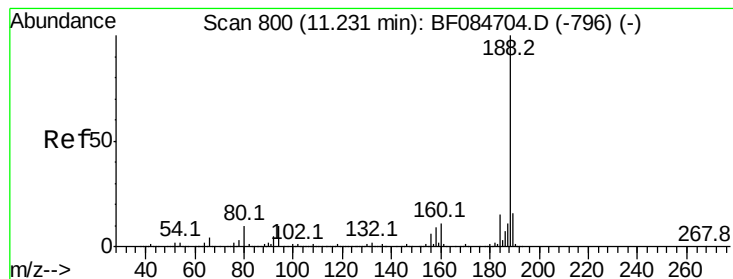


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF084769.D

Acq: 3 Feb 2016 3:26

Instrument :

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SUP-B013(16-18)

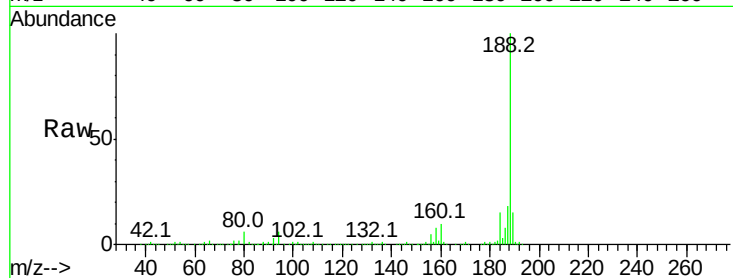
Tot Ion:188 Resp: 748762

Ion Ratio Lower Upper

188 100

94 5.8 9.0 13.4#

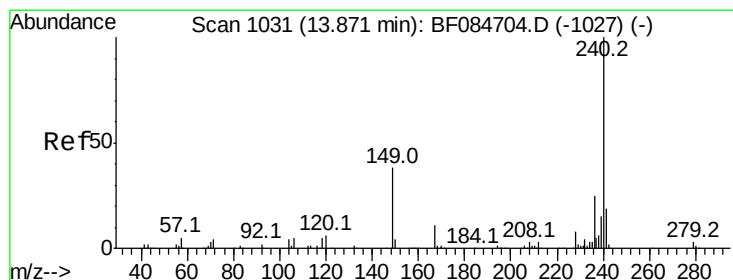
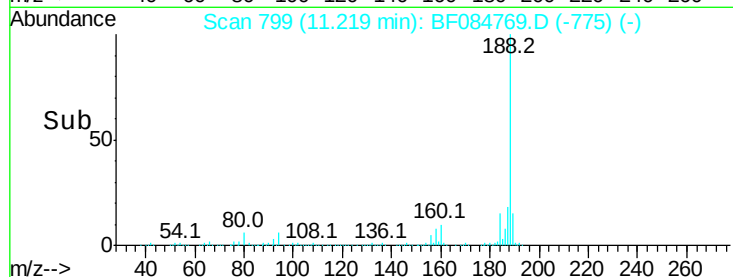
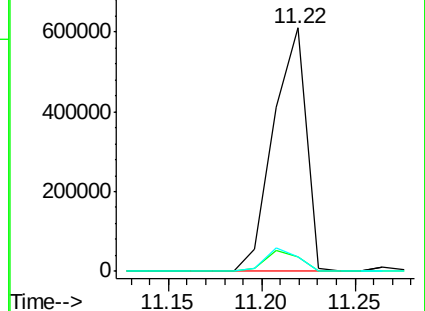
80 6.0 9.6 14.4#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF084769.D

Acq: 3 Feb 2016 3:26

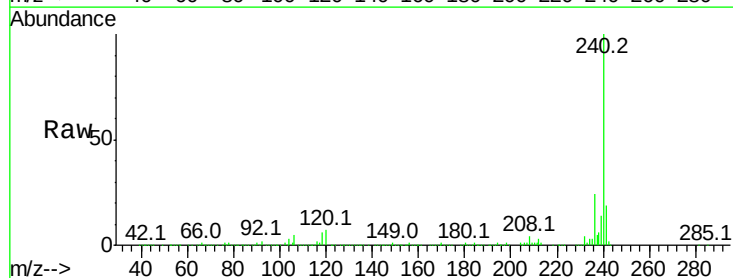
Tgt Ion:240 Resp: 579875

Ion Ratio Lower Upper

240 100

120 6.9 9.5 14.3#

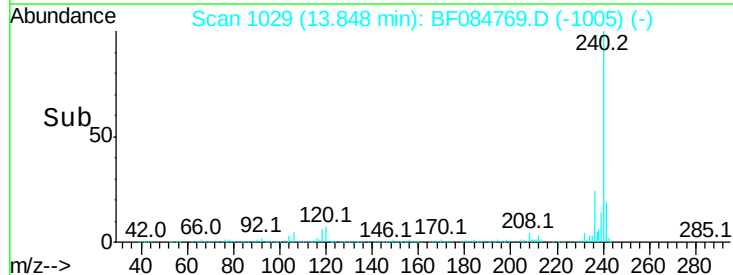
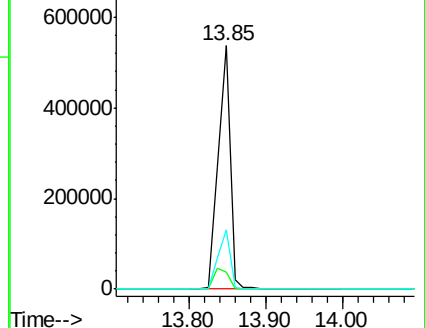
236 24.2 20.6 31.0

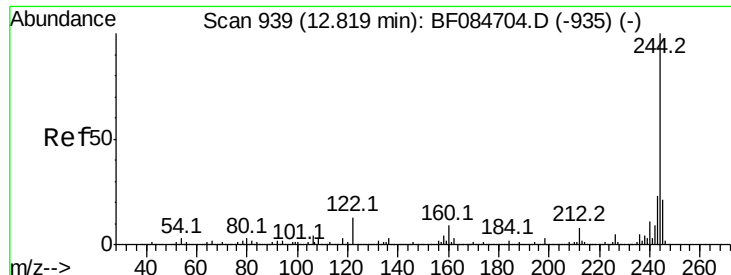


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.23 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF084769.D

Acq: 3 Feb 2016 3:26

Instrument :

BNA_F

ClientSampleId :

SUP-B013(16-18)

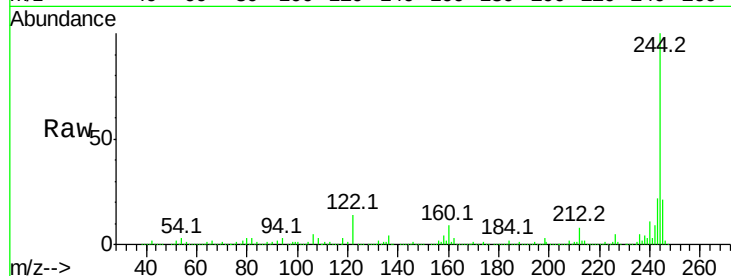
Tot Ion:244 Resp: 2180917

Ion Ratio Lower Upper

244 100

212 8.0 5.7 8.5

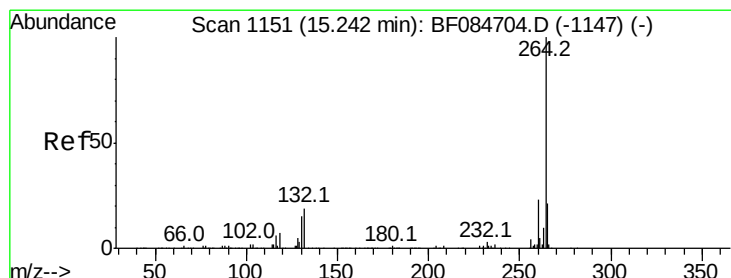
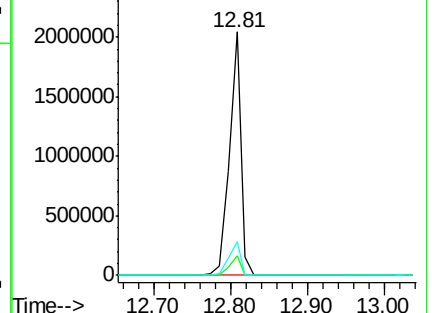
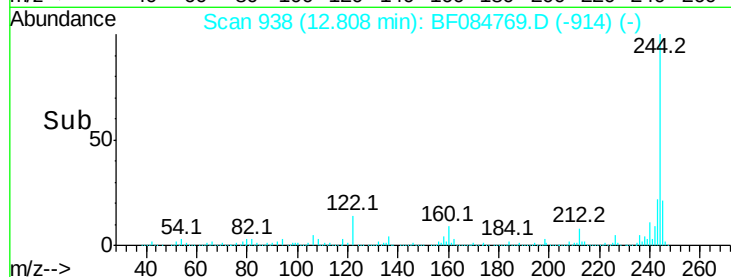
122 13.8 7.4 11.0#



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: 15.22 min Scan# 1149

Delta R.T. -0.03 min

Lab File: BF084769.D

Acq: 3 Feb 2016 3:26

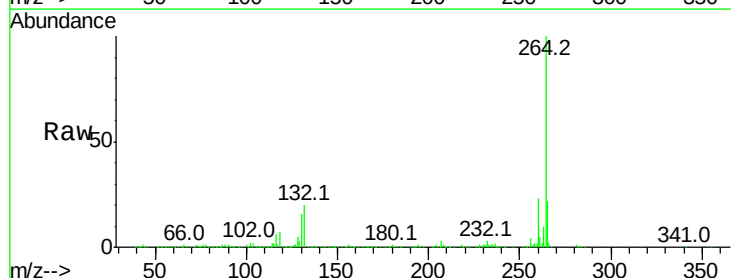
Tgt Ion:264 Resp: 403588

Ion Ratio Lower Upper

264 100

260 22.9 19.4 29.2

265 22.1 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

