

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
 Data File : BF084770.D
 Acq On : 3 Feb 2016 3:55
 Operator : SJ/IZ
 Sample : H1290-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE

Quant Time: Feb 03 06:53:40 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

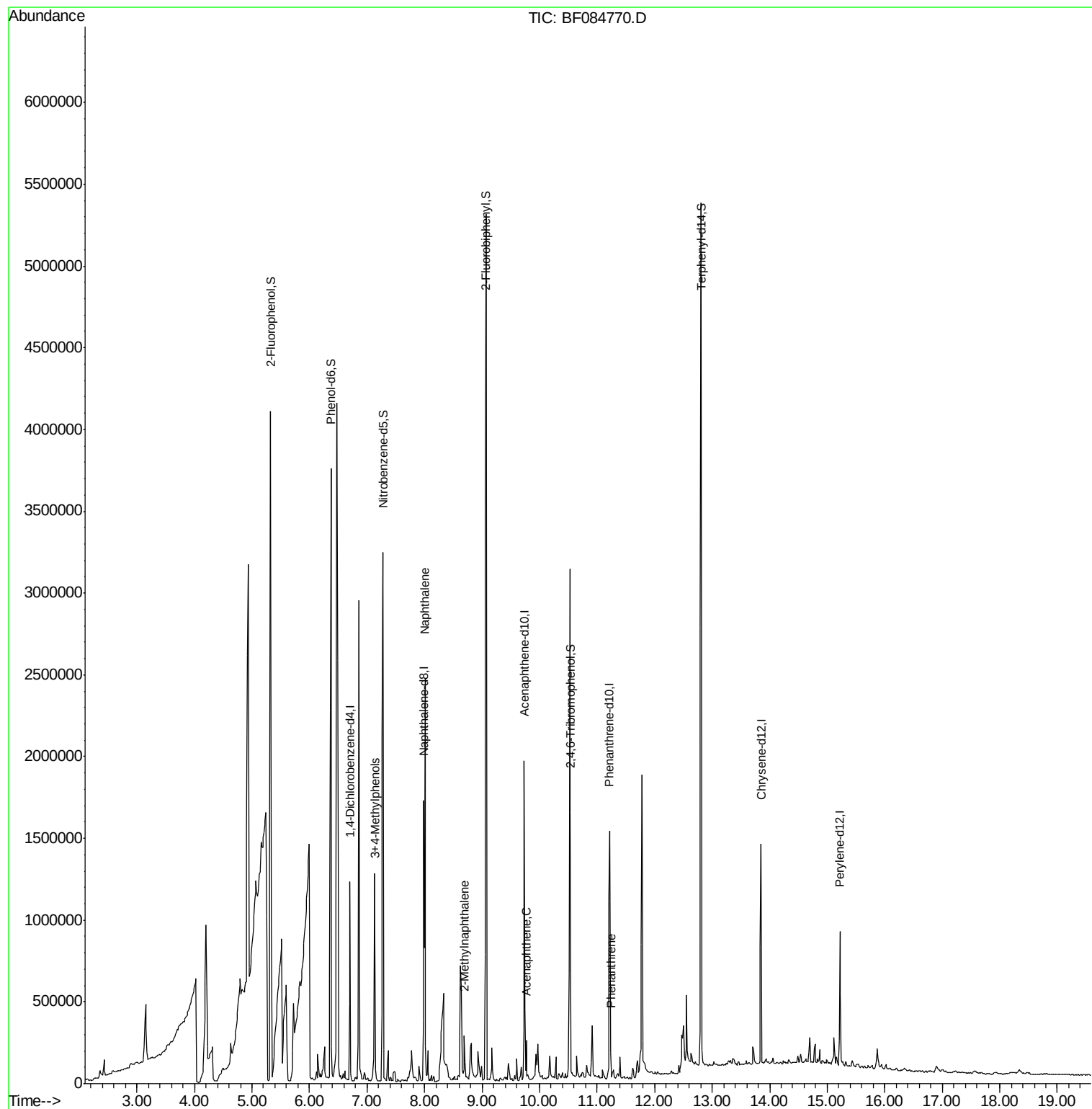
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	193751	20.00	ng	-0.02
21) Naphthalene-d8	7.98	136	776177	20.00	ng	-0.03
38) Acenaphthene-d10	9.73	164	370371	20.00	ng	-0.03
63) Phenanthrene-d10	11.22	188	712056	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	544185	20.00	ng	-0.02
86) Perylene-d12	15.22	264	371215	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1236145	99.38	ng	0.01
7) Phenol-d6	6.37	99	1588986	103.04	ng	0.00
23) Nitrobenzene-d5	7.28	82	1286754	93.39	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	508443	131.61	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	2167955	108.71	ng	-0.02
78) Terphenyl-d14	12.81	244	1807287	75.26	ng	-0.02
Target Compounds						Qvalue
20) 3+4-Methylphenols	7.14	107	452976	32.77	ng	89
31) Naphthalene	8.01	128	1013185	26.02	ng	99
37) 2-Methylnaphthalene	8.69	142	74944	3.08	ng	94
51) Acenaphthene	9.77	154	52952	2.20	ng	98
70) Phenanthrene	11.24	178	85332	2.16	ng	100

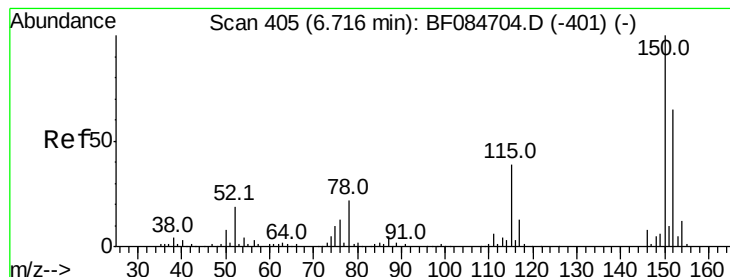
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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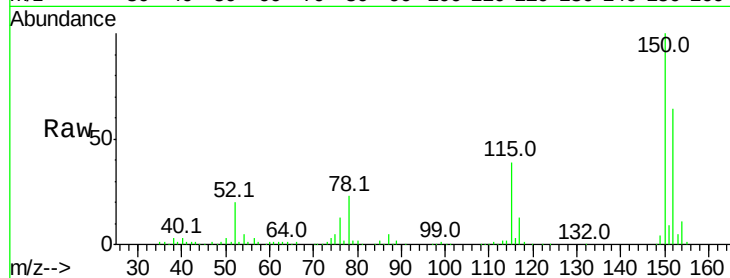


#1

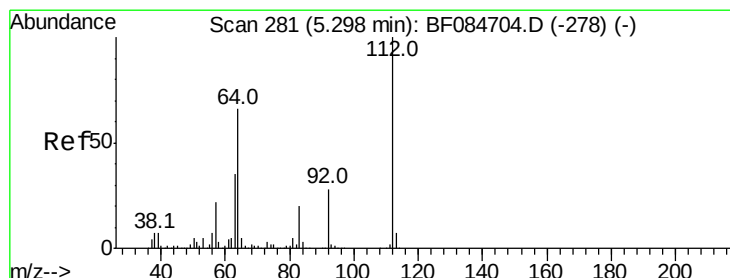
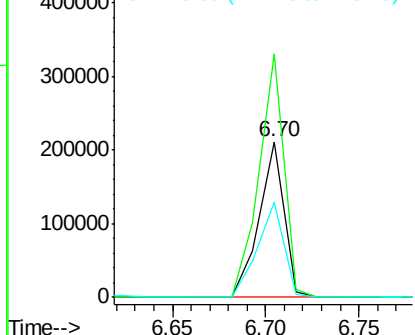
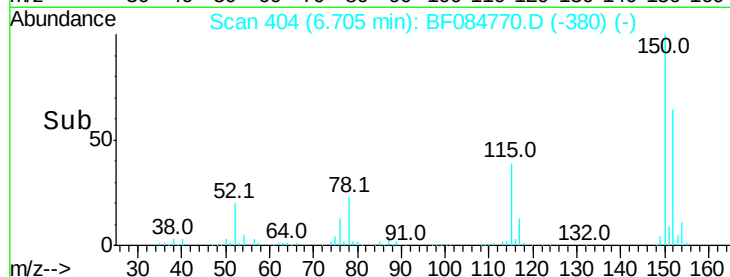
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF084770.D
Acq: 3 Feb 2016 3:55

Instrument :
BNA_F
ClientSampleId :
STOCKPILE

Tot Ion:152 Resp: 193751
Ion Ratio Lower Upper
152 100
150 156.3 123.0 184.4
115 61.0 51.4 77.2



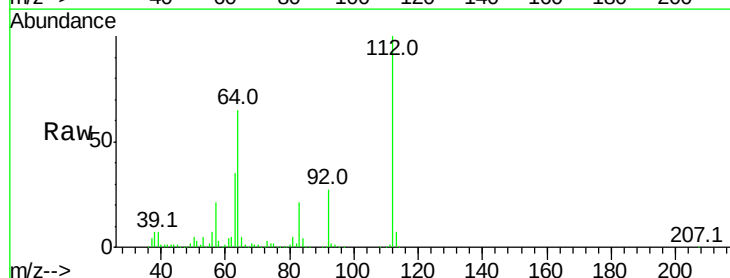
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



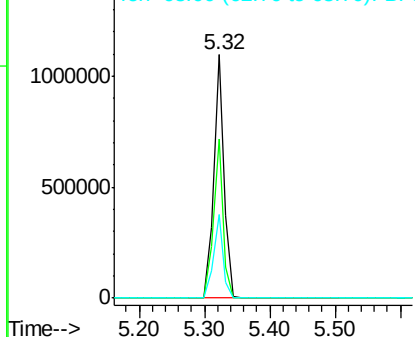
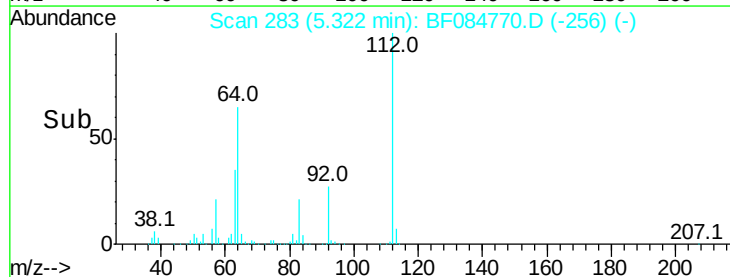
#5

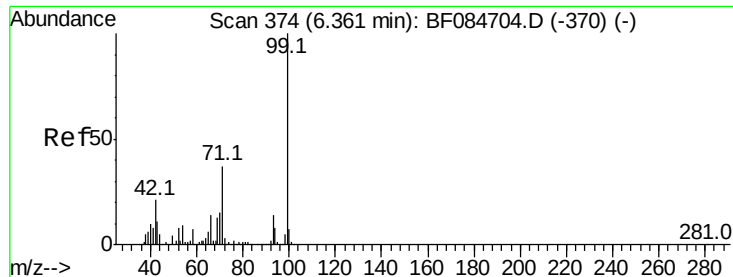
2-Fluorophenol
Concen: 99.38 ng
RT: 5.32 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF084770.D
Acq: 3 Feb 2016 3:55

Tgt Ion:112 Resp: 1236145
Ion Ratio Lower Upper
112 100
64 65.3 36.6 55.0#
63 34.5 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: 103.04 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084770.D

Acq: 3 Feb 2016 3:55

Instrument :

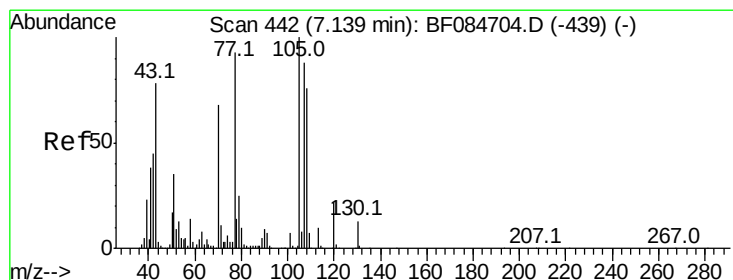
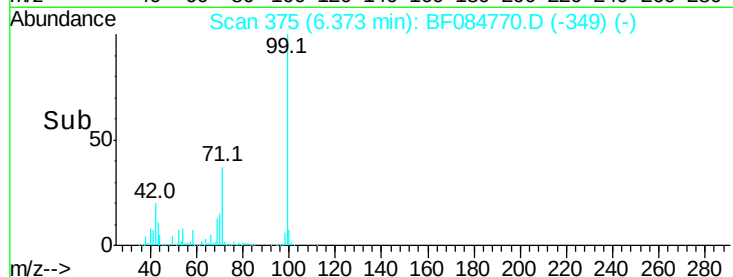
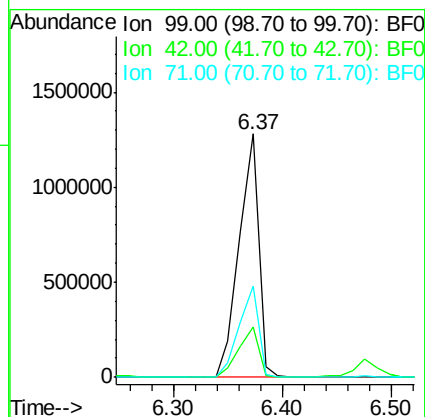
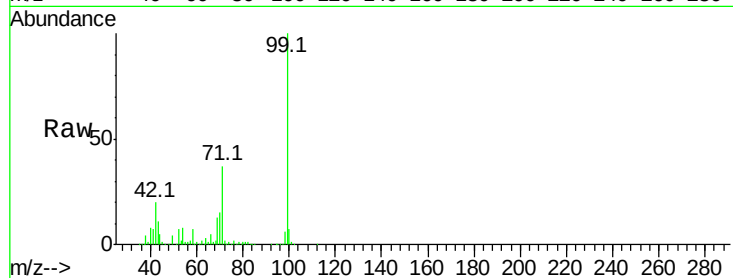
BNA_F

ClientSampleId :

STOCKPILE

Tot Ion: 99 Resp: 1588986

Ion	Ratio	Lower	Upper
99	100		
42	20.4	12.8	19.2#
71	37.5	30.9	46.3



#20

3+4-Methylphenols

Concen: 32.77 ng

RT: 7.14 min Scan# 442

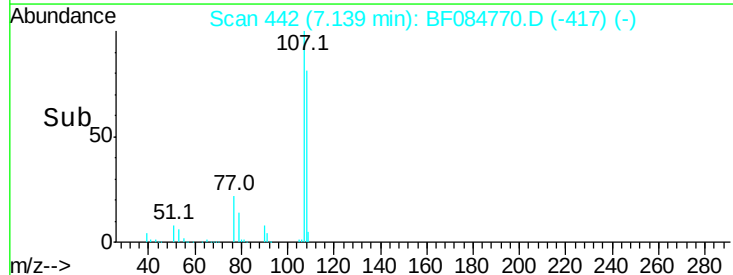
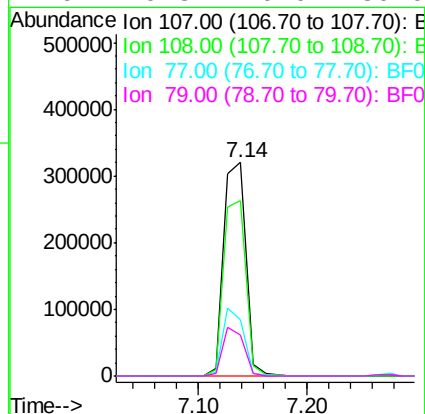
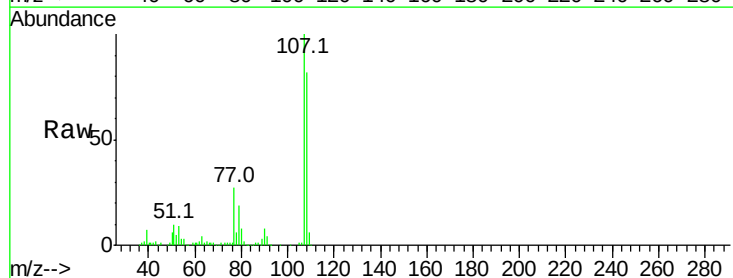
Delta R.T. -0.01 min

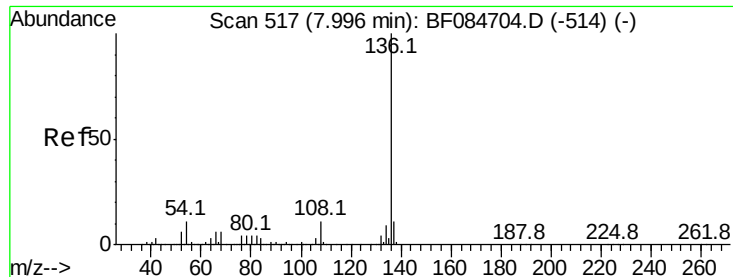
Lab File: BF084770.D

Acq: 3 Feb 2016 3:55

Tgt Ion: 107 Resp: 452976

Ion	Ratio	Lower	Upper
107	100		
108	82.3	74.6	114.6
77	26.6	0.7	40.7
79	19.3	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF084770.D

Acq: 3 Feb 2016 3:55

Instrument :

BNA_F

ClientSampleId :

STOCKPILE

Tot Ion:136 Resp: 776177

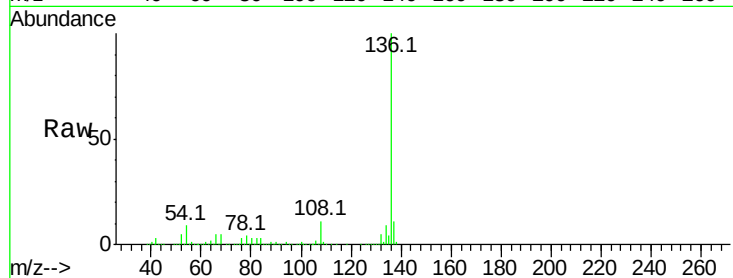
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 9.1 5.8 8.8#

68 5.3 4.2 6.2

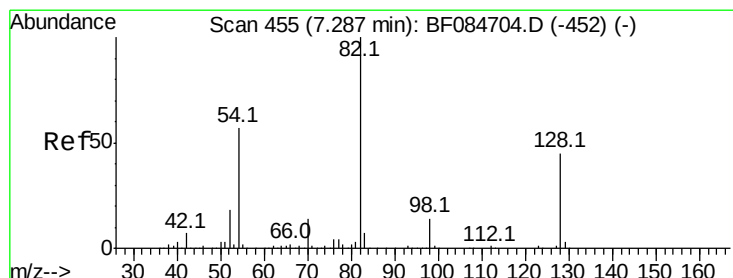
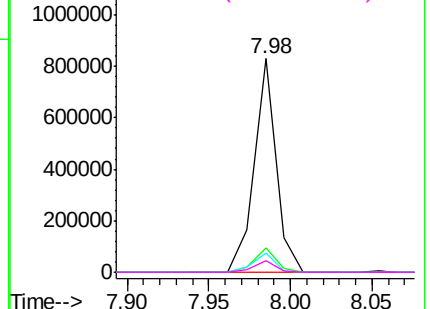
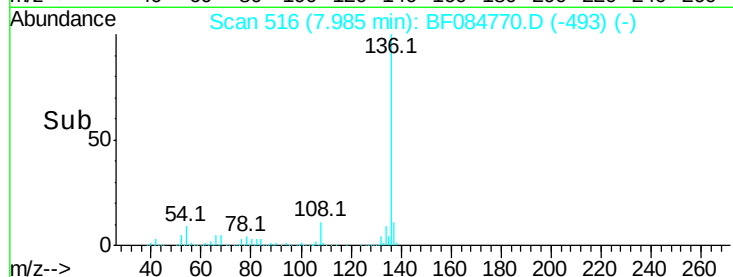


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.39 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.02 min

Lab File: BF084770.D

Acq: 3 Feb 2016 3:55

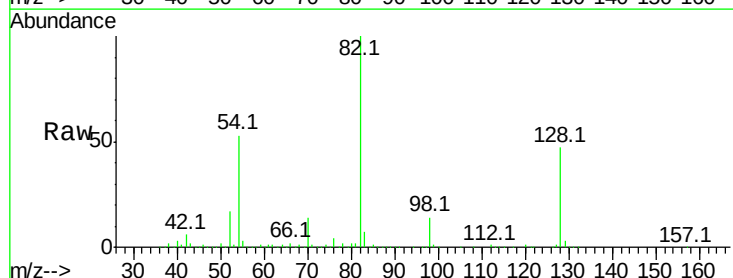
Tgt Ion: 82 Resp: 1286754

Ion Ratio Lower Upper

82 100

128 47.2 34.6 51.8

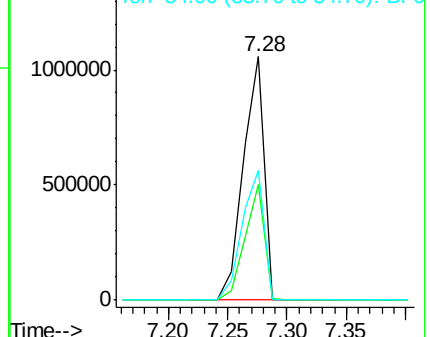
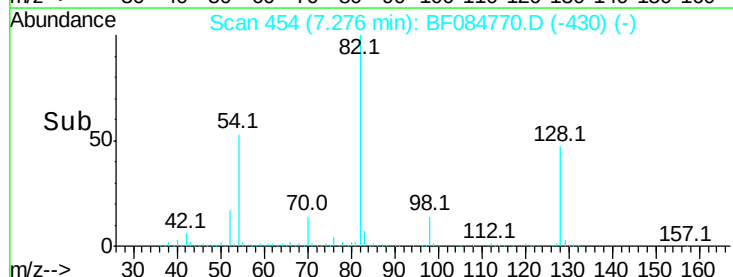
54 53.5 38.4 57.6

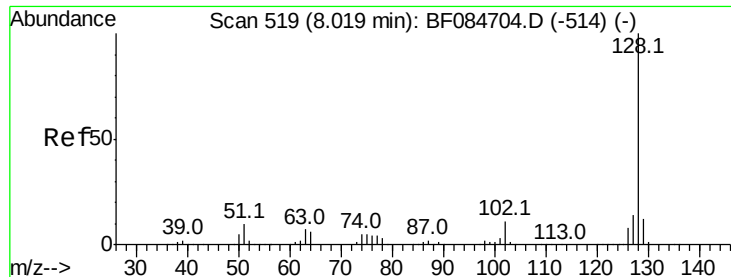


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 26.02 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF084770.D

Acq: 3 Feb 2016 3:55

Instrument :

BNA_F

ClientSampleId :

STOCKPILE

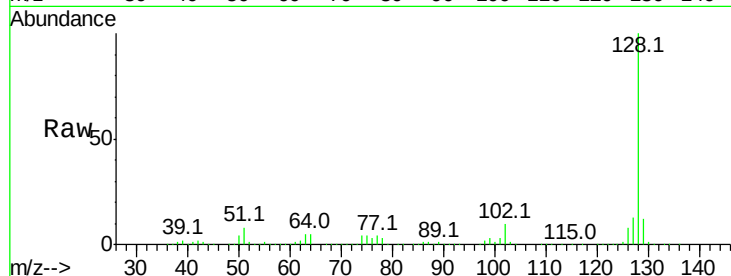
Tot Ion:128 Resp: 1013185

Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

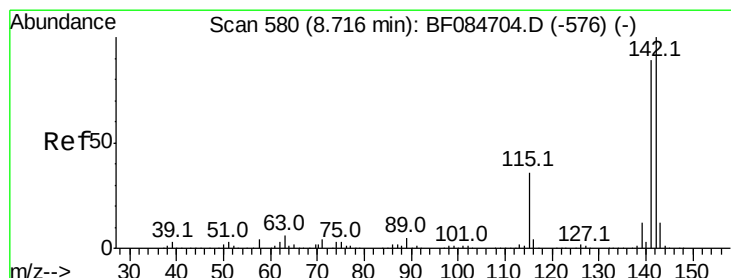
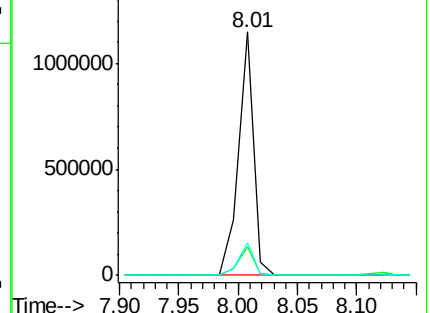
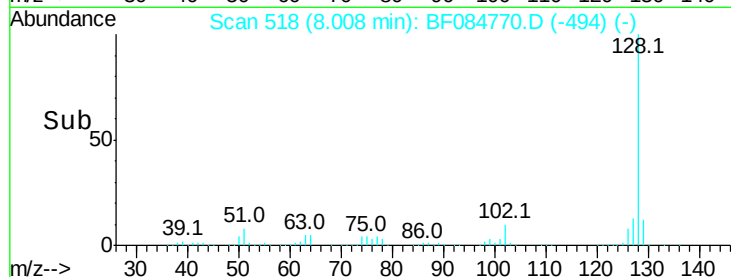
127 13.5 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 3.08 ng

RT: 8.69 min Scan# 578

Delta R.T. -0.03 min

Lab File: BF084770.D

Acq: 3 Feb 2016 3:55

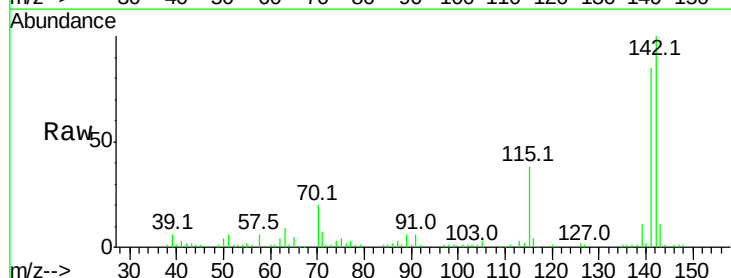
Tgt Ion:142 Resp: 74944

Ion Ratio Lower Upper

142 100

141 84.9 72.4 108.6

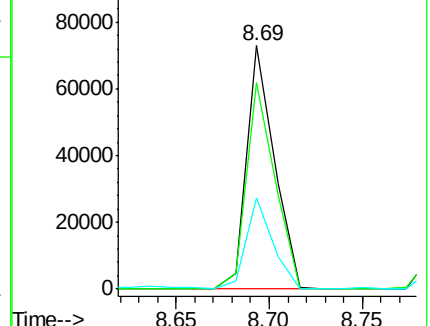
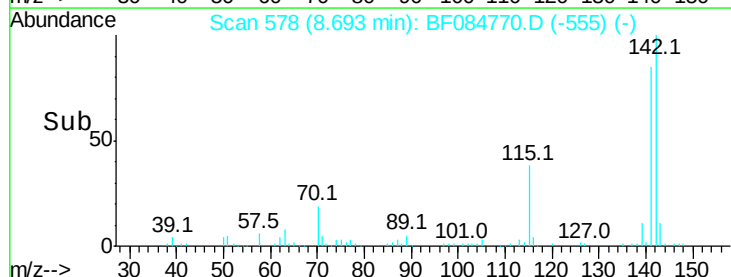
115 37.6 27.9 41.9

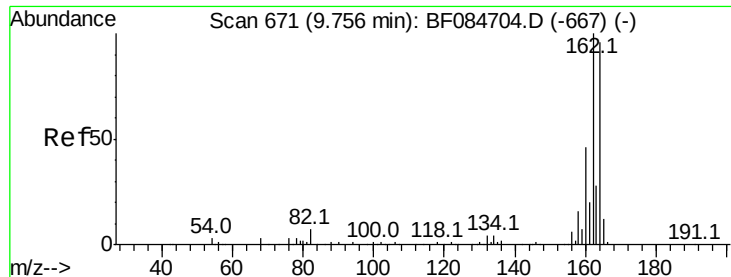


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF084770.D

Acq: 3 Feb 2016 3:55

Instrument :

BNA_F

ClientSampleId :

STOCKPILE

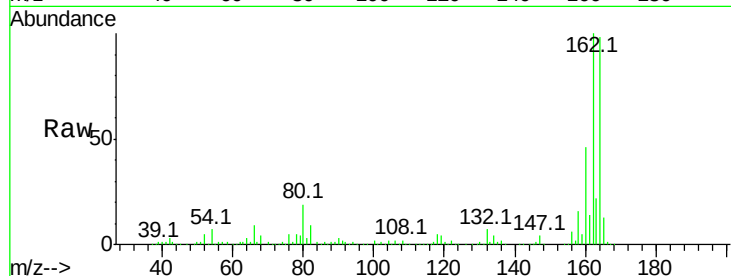
Tot Ion:164 Resp: 370371

Ion Ratio Lower Upper

164 100

162 102.0 85.1 127.7

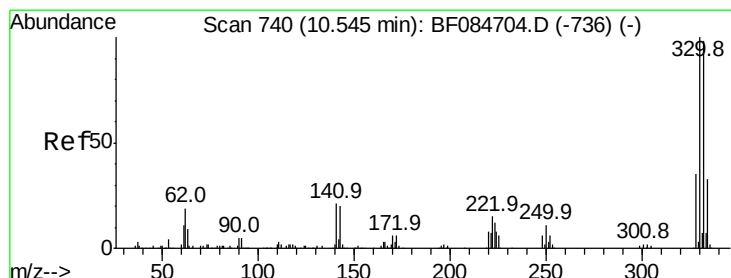
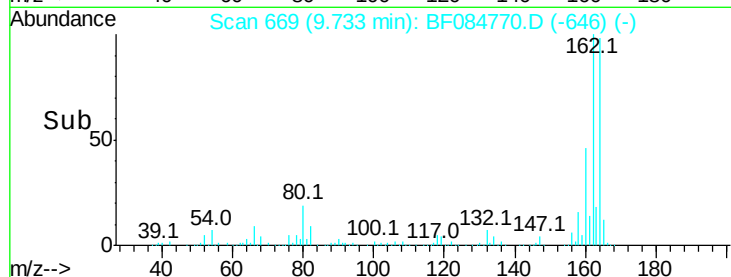
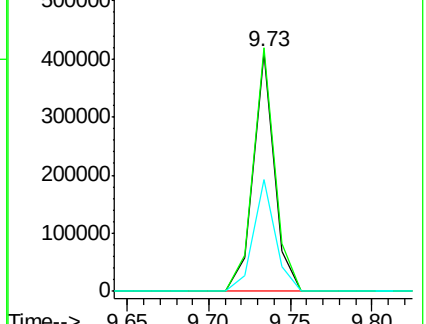
160 46.9 37.5 56.3



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: 131.61 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF084770.D

Acq: 3 Feb 2016 3:55

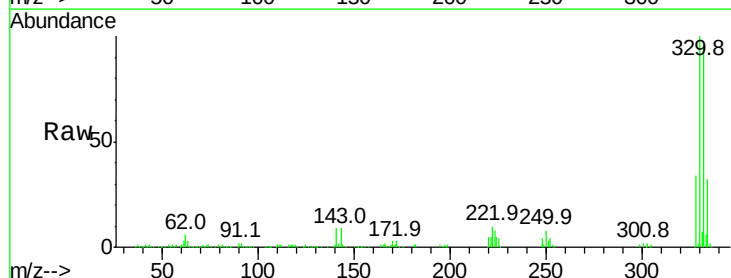
Tgt Ion:330 Resp: 508443

Ion Ratio Lower Upper

330 100

332 96.4 76.6 114.8

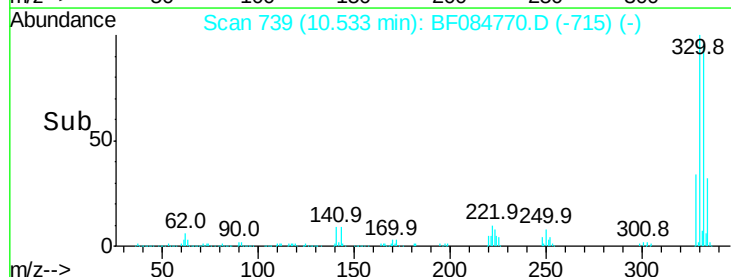
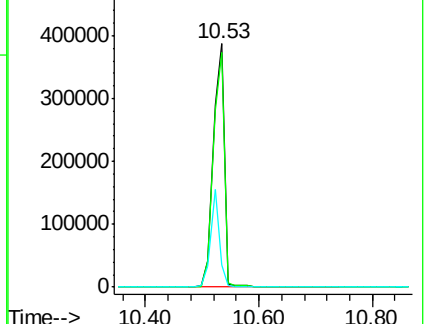
141 31.4 27.8 41.6

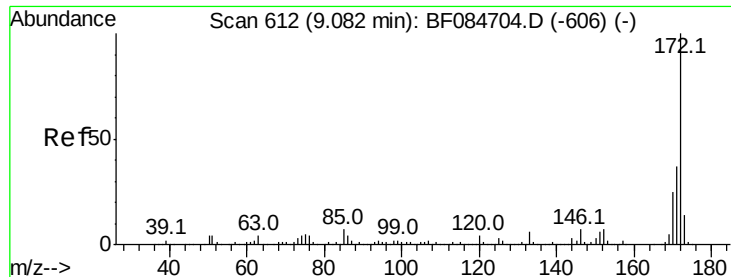


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

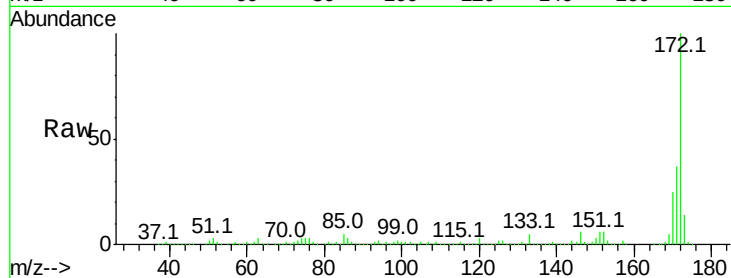




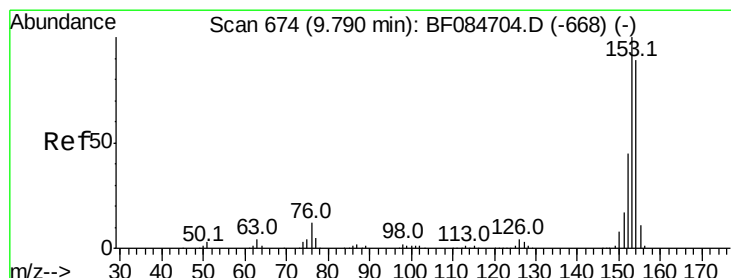
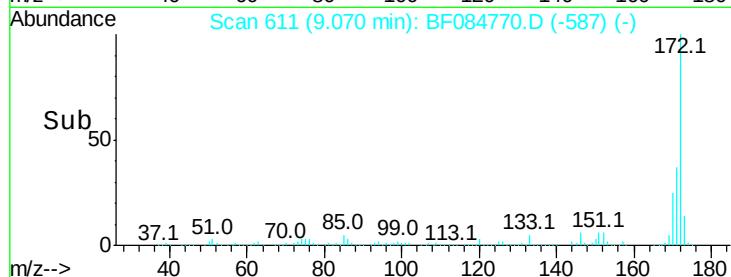
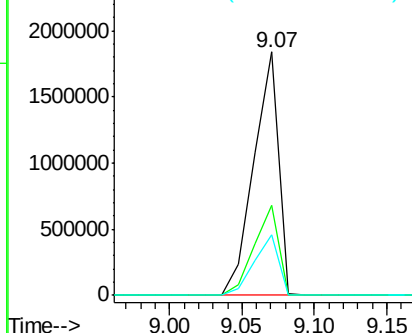
#44
2-Fluorobiphenyl
Concen: 108.71 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.02 min
Lab File: BF084770.D
Acq: 3 Feb 2016 3:55

Instrument :
BNA_F
ClientSampleId :
STOCKPILE

Tot Ion:172 Resp: 2167955
Ion Ratio Lower Upper
172 100
171 37.1 28.9 43.3
170 25.1 18.6 27.8

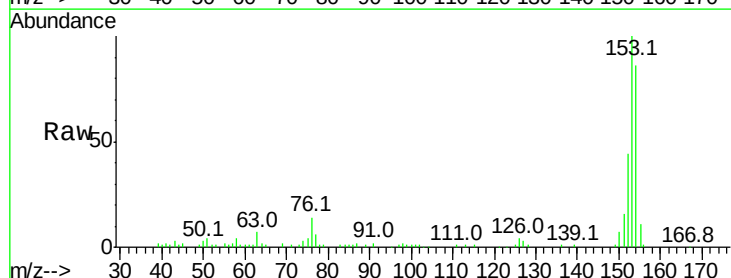


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

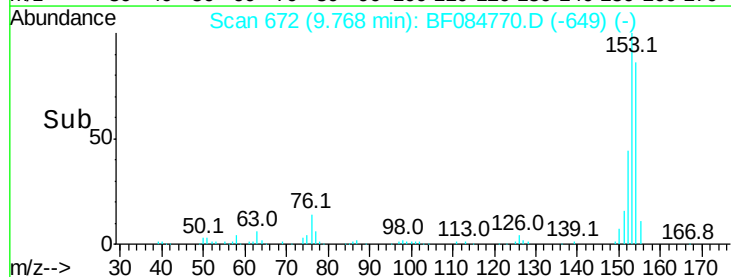
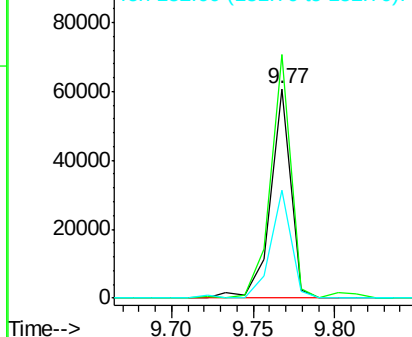


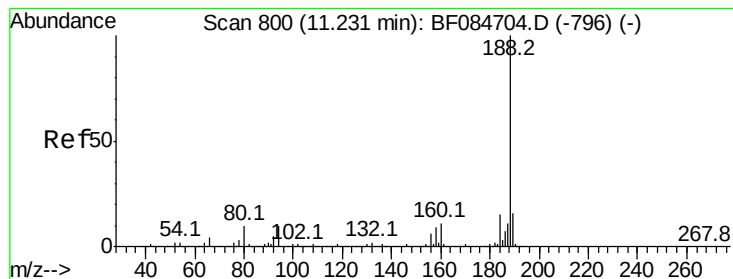
#51
Acenaphthene
Concen: 2.20 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.03 min
Lab File: BF084770.D
Acq: 3 Feb 2016 3:55

Tgt Ion:154 Resp: 52952
Ion Ratio Lower Upper
154 100
153 116.5 91.5 137.3
152 51.4 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF084770.D

Acq: 3 Feb 2016 3:55

Instrument :

BNA_F

ClientSampleId :

STOCKPILE

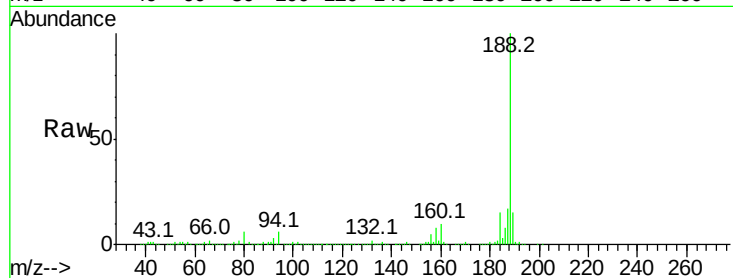
Tot Ion:188 Resp: 712056

Ion Ratio Lower Upper

188 100

94 5.8 9.0 13.4#

80 5.9 9.6 14.4#

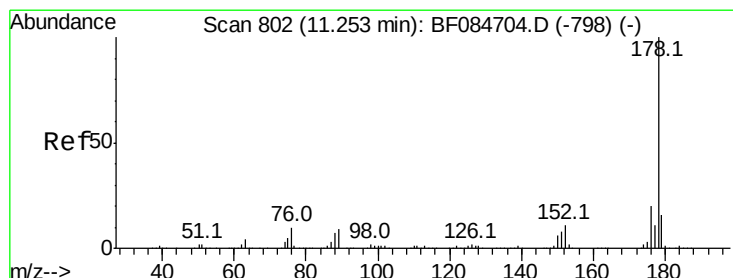
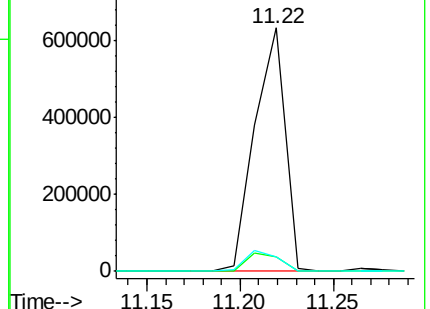
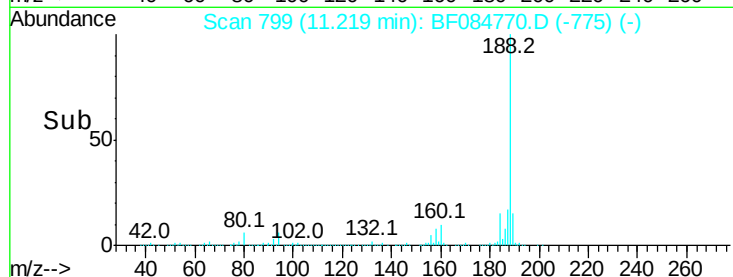


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time--> 11.15 11.20 11.25



#70

Phenanthrene

Concen: 2.16 ng

RT: 11.24 min Scan# 801

Delta R.T. -0.02 min

Lab File: BF084770.D

Acq: 3 Feb 2016 3:55

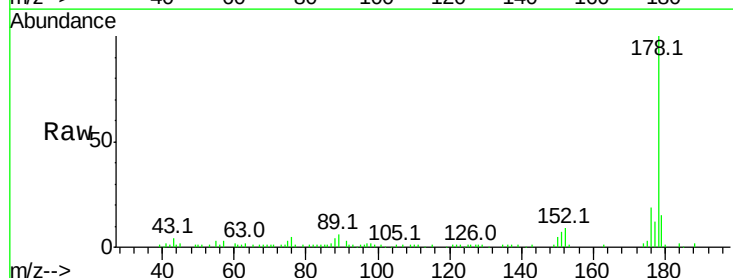
Tgt Ion:178 Resp: 85332

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.1 12.0 18.0

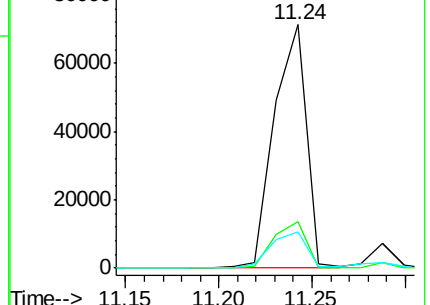
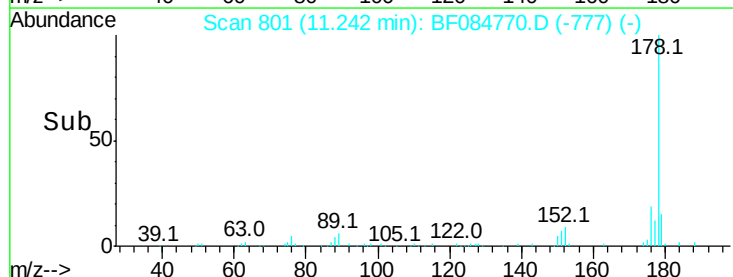


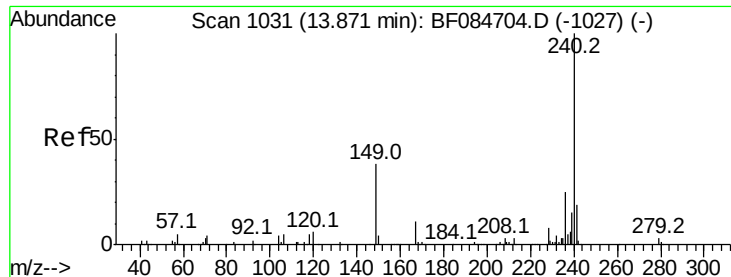
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

Time--> 11.15 11.20 11.25





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF084770.D

Acq: 3 Feb 2016 3:55

Instrument :

BNA_F

ClientSampleId :

STOCKPILE

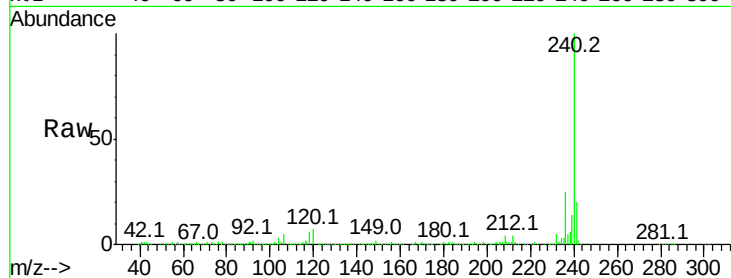
Tot Ion:240 Resp: 544185

Ion Ratio Lower Upper

240 100

120 7.2 9.5 14.3#

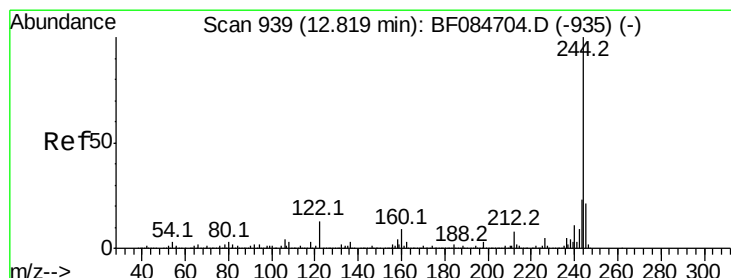
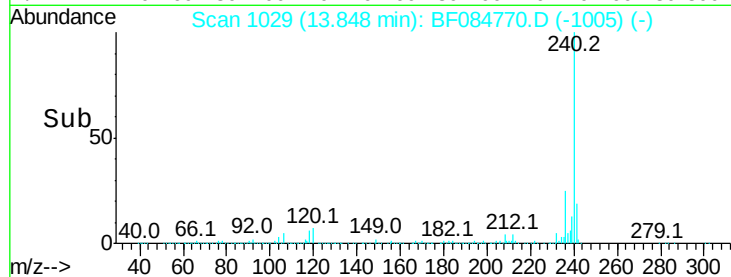
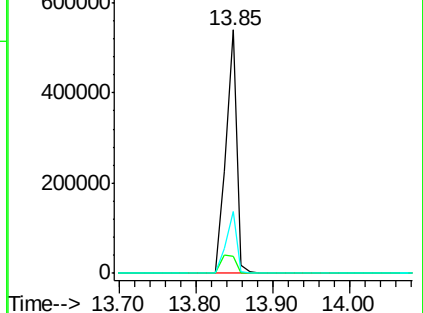
236 25.3 20.6 31.0



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: 75.26 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF084770.D

Acq: 3 Feb 2016 3:55

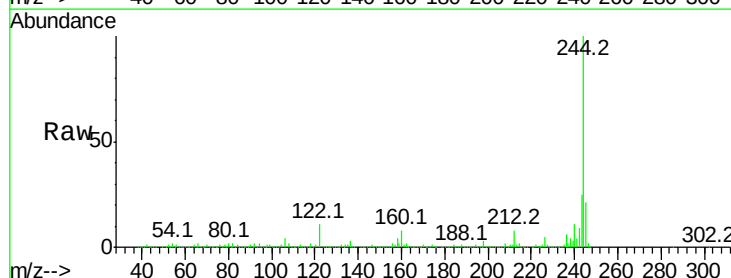
Tgt Ion:244 Resp: 1807287

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

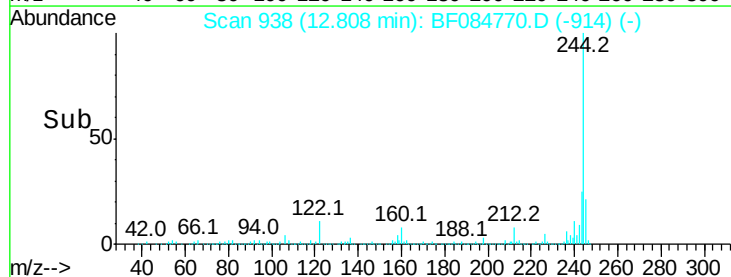
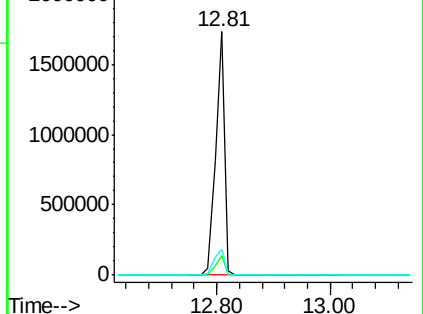
122 10.8 7.4 11.0

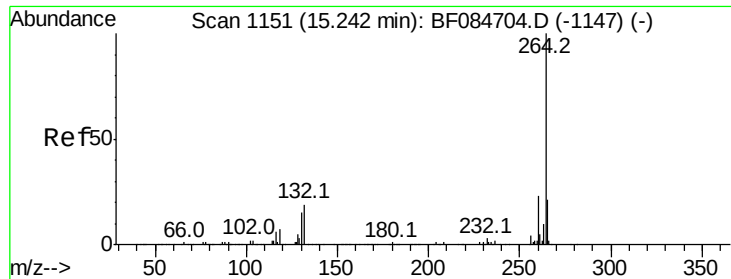


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.03 min
Lab File: BF084770.D
Acq: 3 Feb 2016 3:55

Instrument :
BNA_F
ClientSampleId :
STOCKPILE

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.4	29.2
265	22.0	17.8	26.6

