

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
 Data File : BF084843.D
 Acq On : 4 Feb 2016 22:04
 Operator : SJ/IZ
 Sample : H1320-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B015(25-27)

Quant Time: Feb 05 03:00:14 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

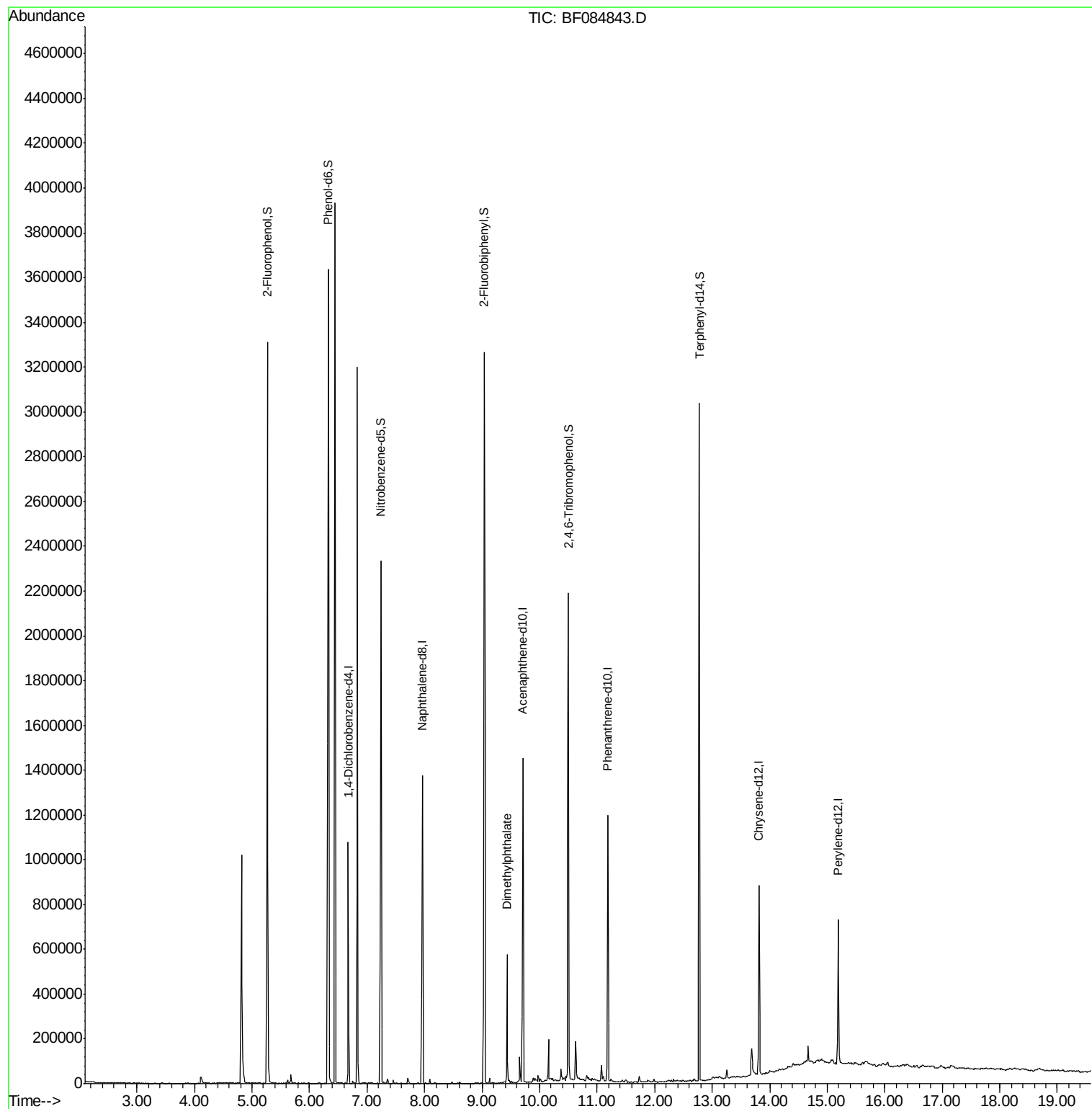
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	149489	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	618906	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	273193	20.00	ng	-0.02
63) Phenanthrene-d10	11.18	188	409608	20.00	ng	-0.02
75) Chrysene-d12	13.81	240	291962	20.00	ng	-0.02
86) Perylene-d12	15.19	264	310278	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	965762	100.63	ng	-0.01
7) Phenol-d6	6.33	99	1266733	106.47	ng	-0.01
23) Nitrobenzene-d5	7.24	82	729301	66.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	283841	99.61	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	1224017	71.59	ng	-0.02
78) Terphenyl-d14	12.77	244	882110	68.46	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.44	163	206062	9.90	ng	# 89

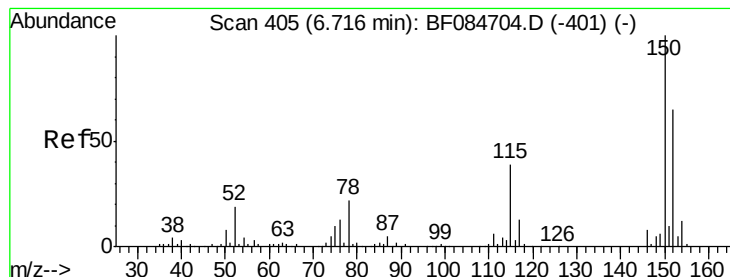
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF084843.D

Acq: 4 Feb 2016 22:04

Instrument :

BNA_F

ClientSampleId :

S4-B015(25-27)

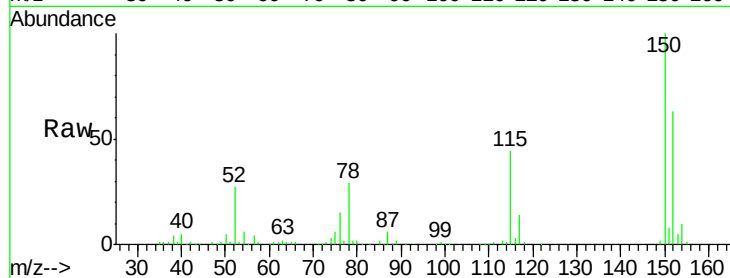
Tot Ion:152 Resp: 149489

Ion Ratio Lower Upper

152 100

150 159.0 123.0 184.4

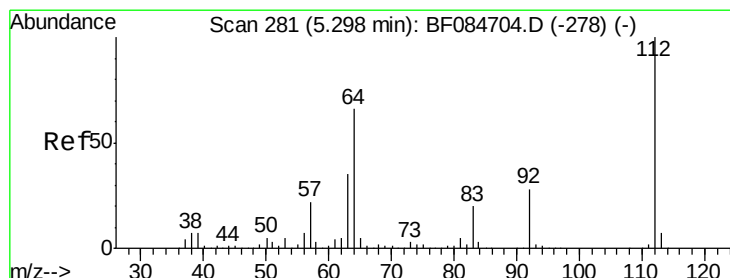
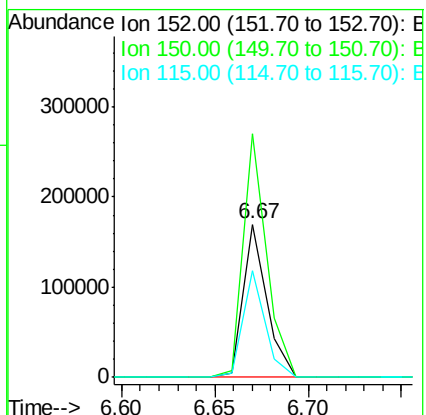
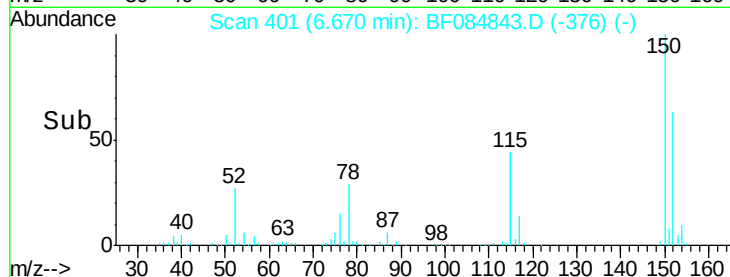
115 69.6 51.4 77.2



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: 100.63 ng

RT: 5.26 min Scan# 278

Delta R.T. -0.01 min

Lab File: BF084843.D

Acq: 4 Feb 2016 22:04

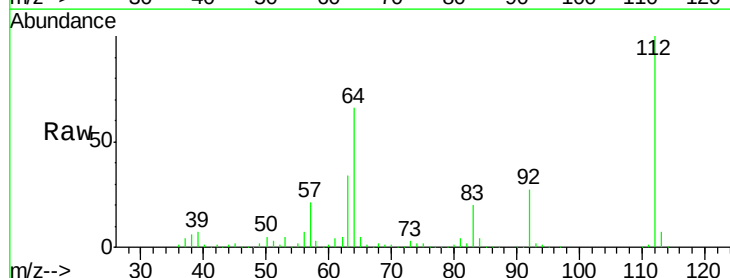
Tgt Ion:112 Resp: 965762

Ion Ratio Lower Upper

112 100

64 65.7 36.6 55.0#

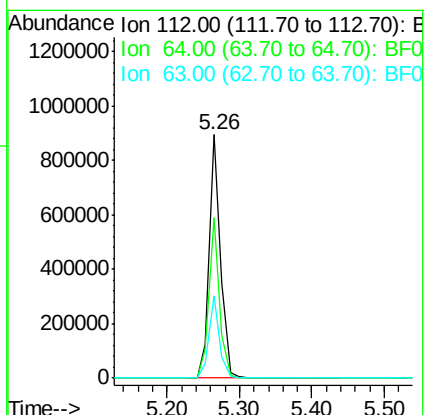
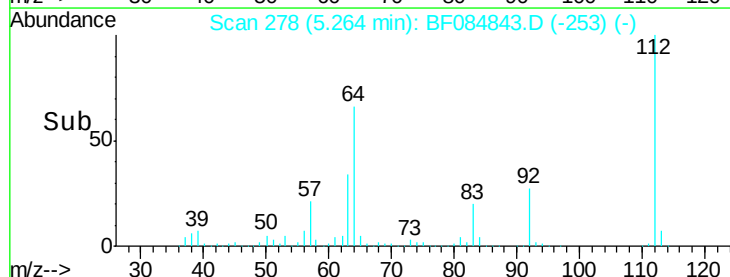
63 34.0 19.4 29.0#

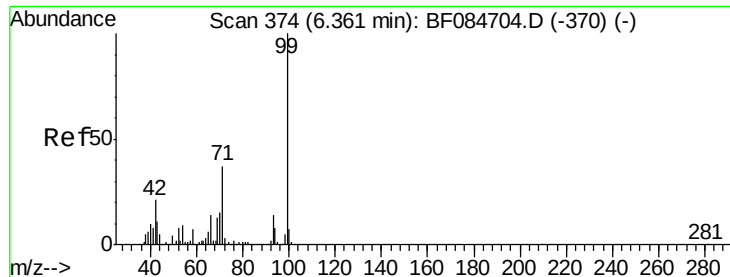


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.47 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF084843.D

Acq: 4 Feb 2016 22:04

Instrument :

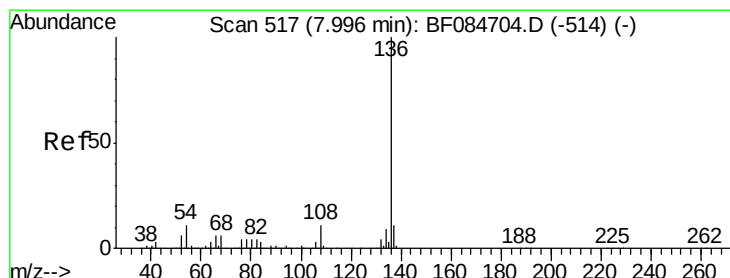
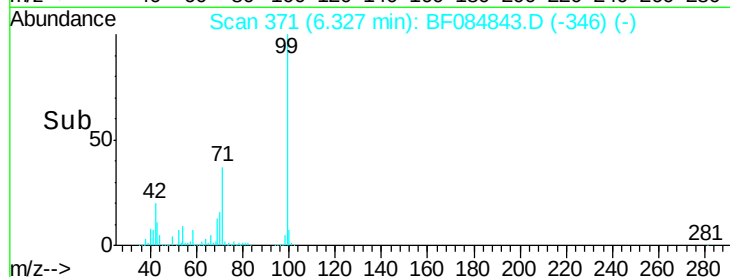
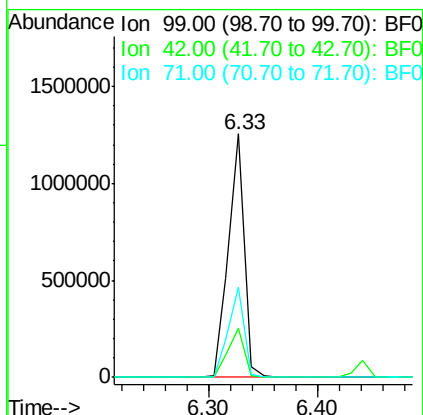
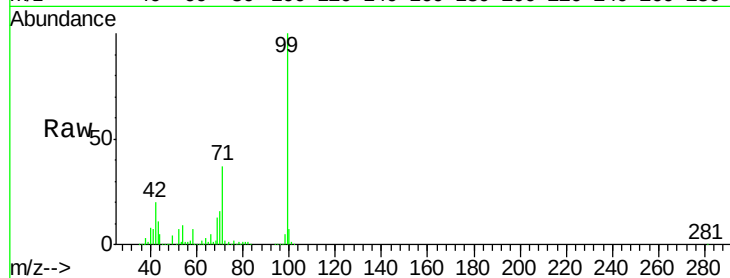
BNA_F

ClientSampleId :

S4-B015(25-27)

Tot Ion: 99 Resp: 1266733

Ion	Ratio	Lower	Upper
99	100		
42	20.1	12.8	19.2#
71	37.0	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 514

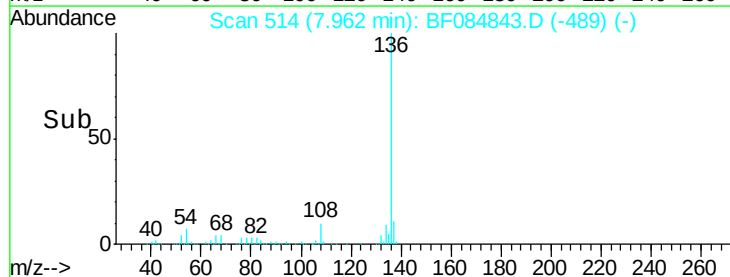
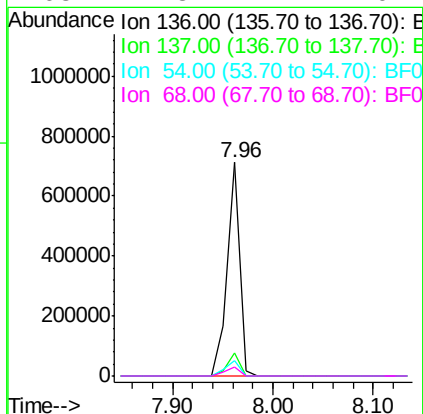
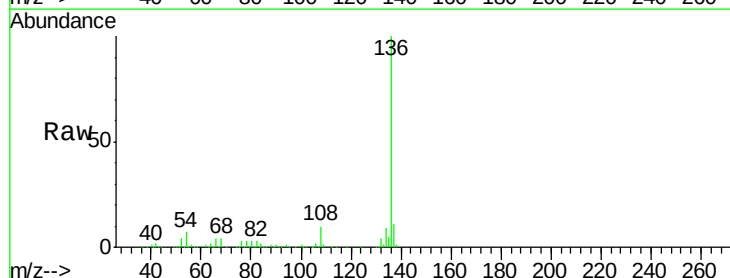
Delta R.T. -0.01 min

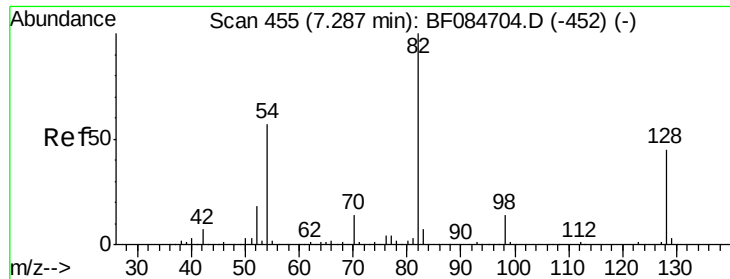
Lab File: BF084843.D

Acq: 4 Feb 2016 22:04

Tgt Ion: 136 Resp: 618906

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.3	5.8	8.8
68	4.3	4.2	6.2

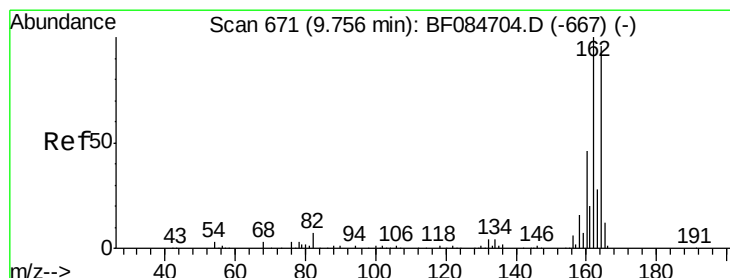
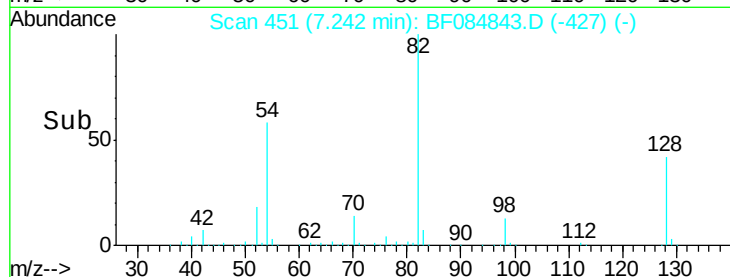
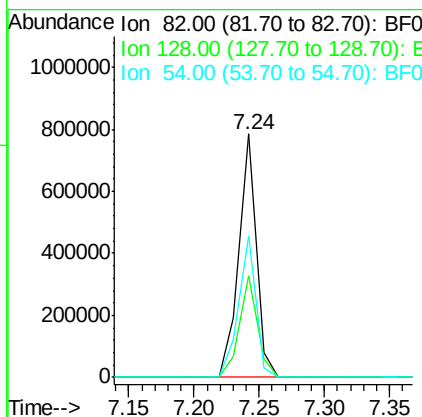
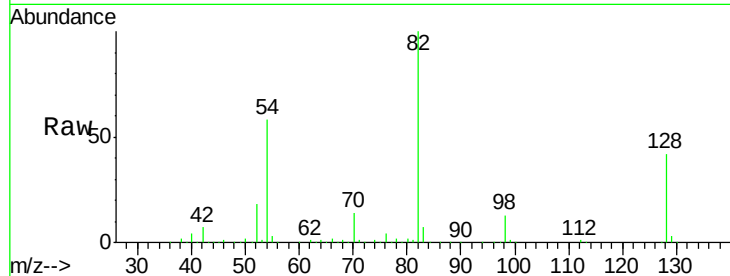




#23
 Nitrobenzene-d5
 Concen: 66.38 ng
 RT: 7.24 min Scan# 451
 Delta R.T. -0.02 min
 Lab File: BF084843.D
 Acq: 4 Feb 2016 22:04

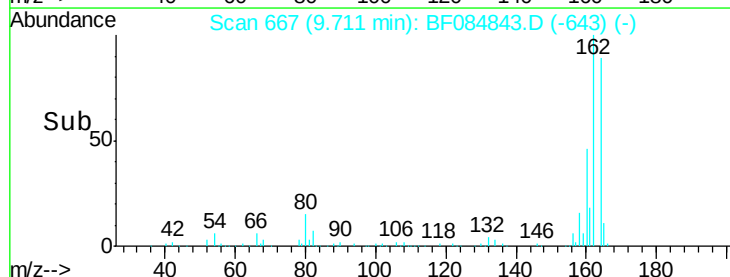
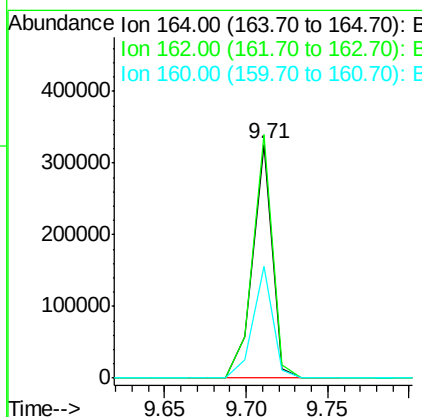
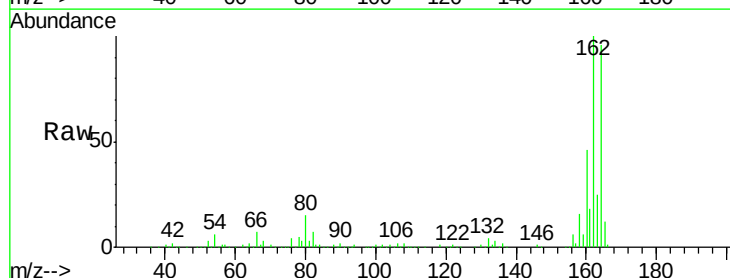
Instrument :
 BNA_F
 ClientSampleId :
 S4-B015(25-27)

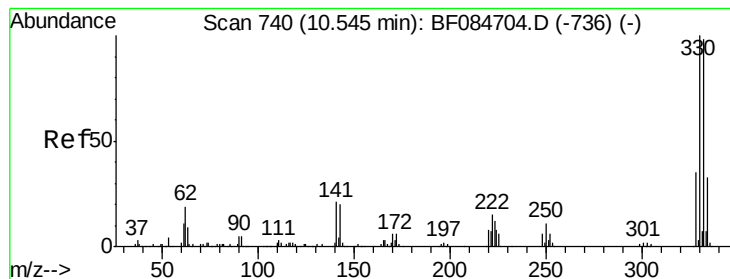
Tot Ion	82	Resp	729301
Ion Ratio	Lower	Upper	
82	100		
128	41.9	34.6	51.8
54	58.2	38.4	57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF084843.D
 Acq: 4 Feb 2016 22:04

Tgt Ion	164	Resp	273193
Ion Ratio	Lower	Upper	
164	100		
162	104.2	85.1	127.7
160	47.7	37.5	56.3

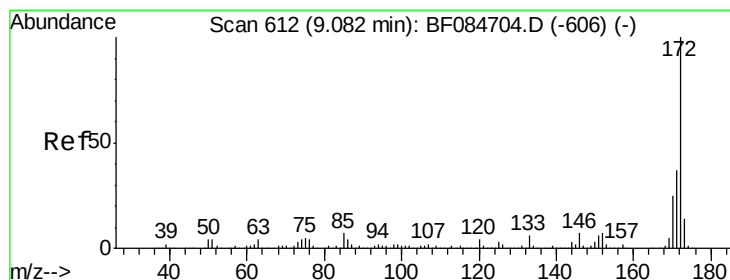
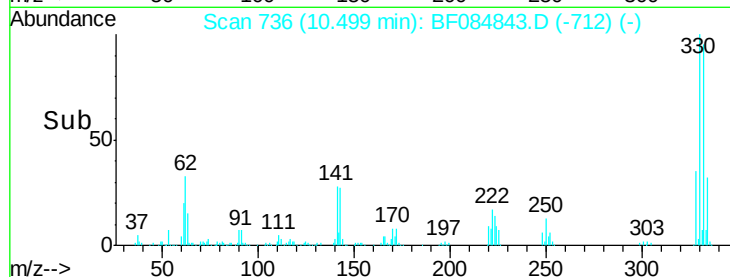
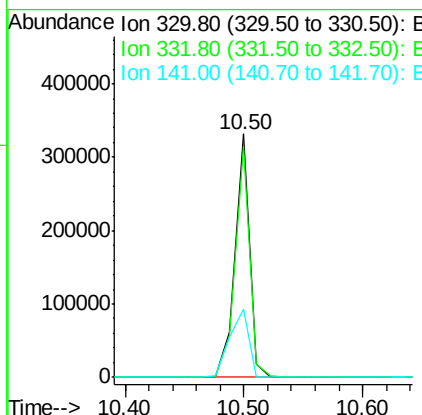
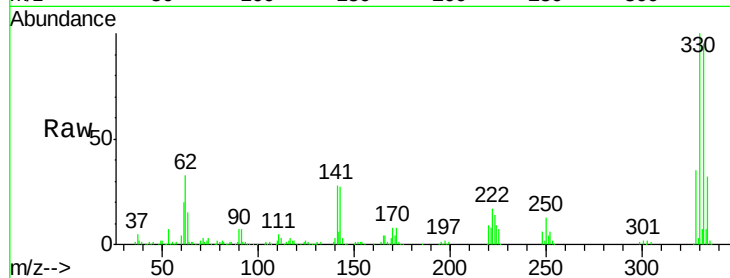




#41
 2,4,6-Tribromophenol
 Concen: 99.61 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BF084843.D
 Acq: 4 Feb 2016 22:04

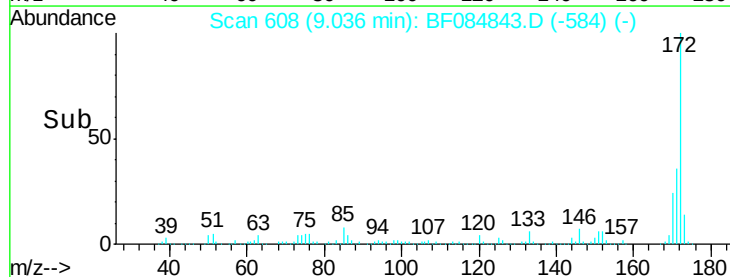
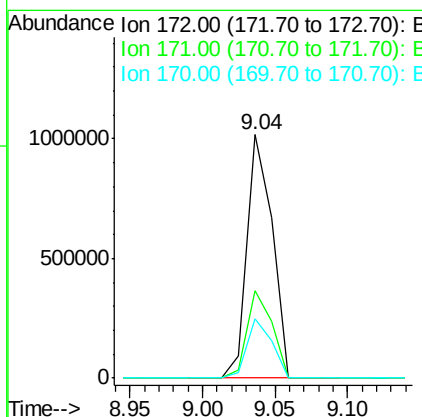
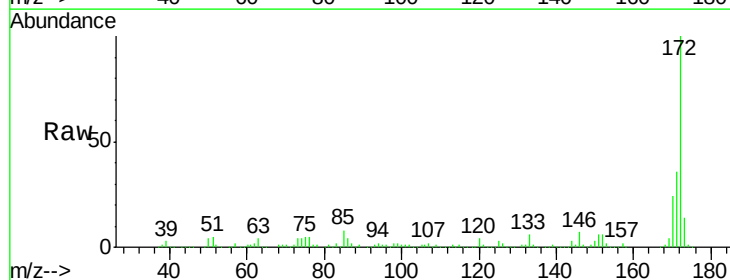
Instrument :
 BNA_F
 ClientSampleId :
 S4-B015(25-27)

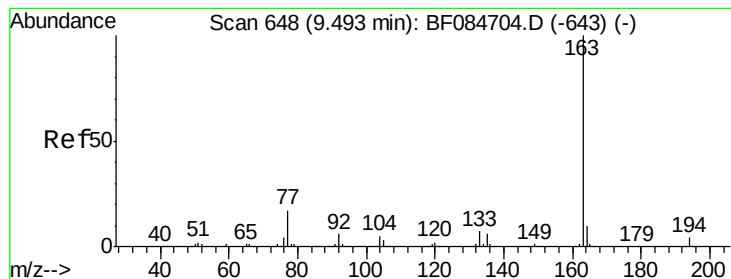
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	114.8
141	36.5	27.8	41.6



#44
 2-Fluorobiphenyl
 Concen: 71.59 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF084843.D
 Acq: 4 Feb 2016 22:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	24.1	18.6	27.8





#49

Dimethylphthalate

Concen: 9.90 ng

RT: 9.44 min Scan# 643

Delta R.T. -0.03 min

Lab File: BF084843.D

Acq: 4 Feb 2016 22:04

Instrument :

BNA_F

ClientSampleId :

S4-B015(25-27)

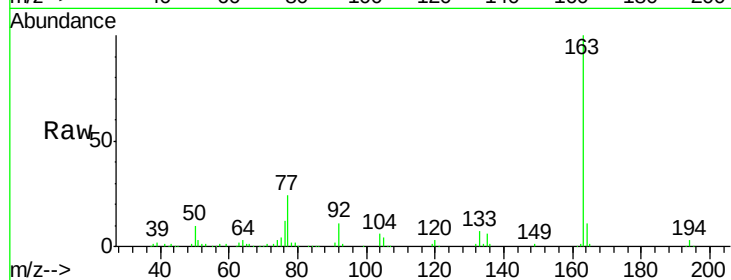
Tot Ion:163 Resp: 206062

Ion Ratio Lower Upper

163 100

194 2.8 8.0 12.0#

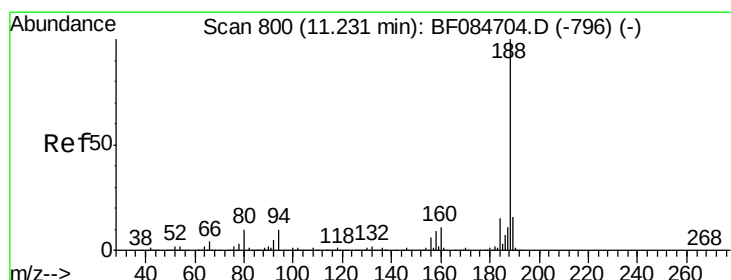
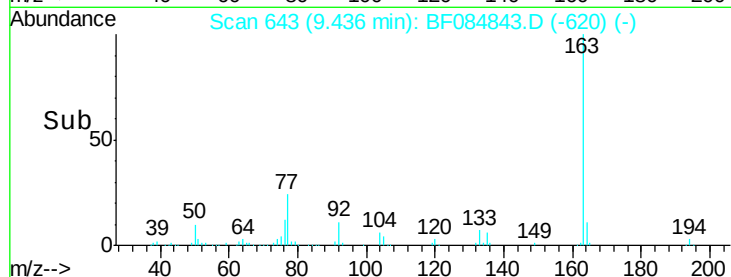
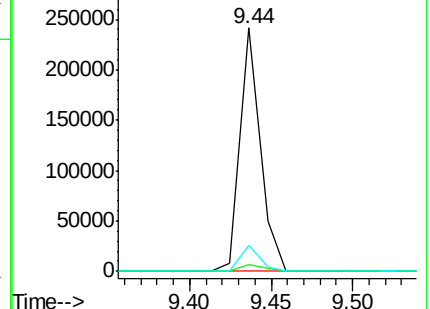
164 10.7 8.0 12.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.18 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF084843.D

Acq: 4 Feb 2016 22:04

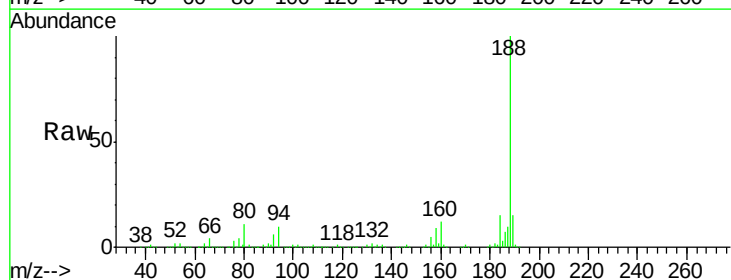
Tgt Ion:188 Resp: 409608

Ion Ratio Lower Upper

188 100

94 10.4 9.0 13.4

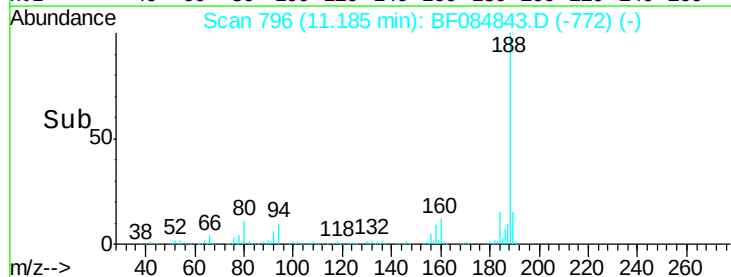
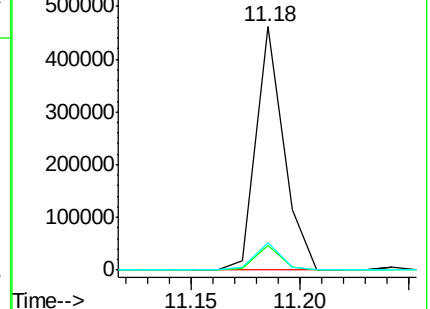
80 11.0 9.6 14.4

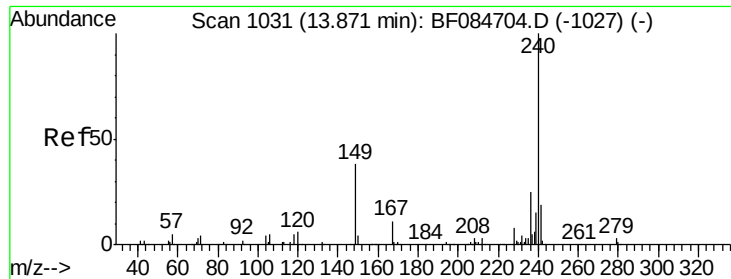


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.81 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF084843.D

Acq: 4 Feb 2016 22:04

Instrument :

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ClientSampleId :

S4-B015(25-27)

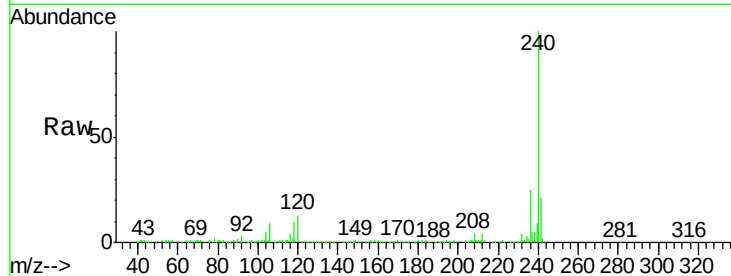
Tot Ion:240 Resp: 291962

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

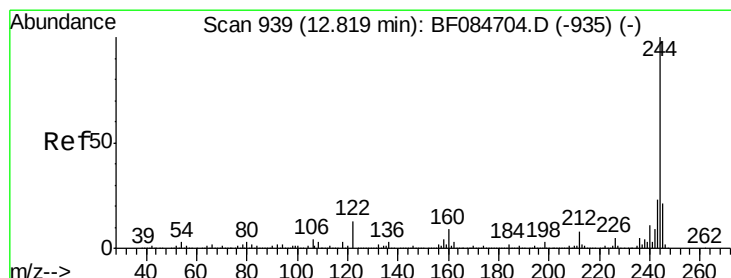
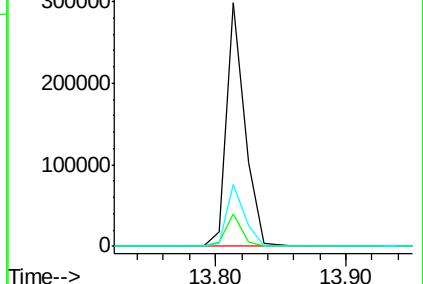
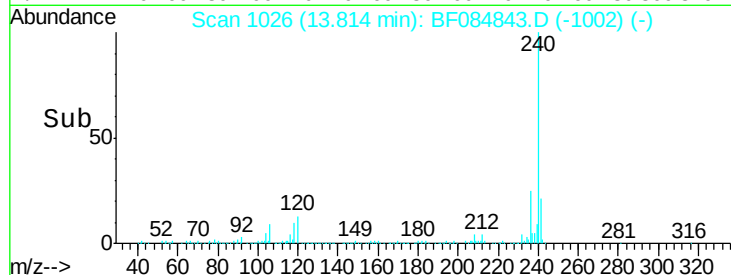
236 25.4 20.6 31.0



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: 68.46 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF084843.D

Acq: 4 Feb 2016 22:04

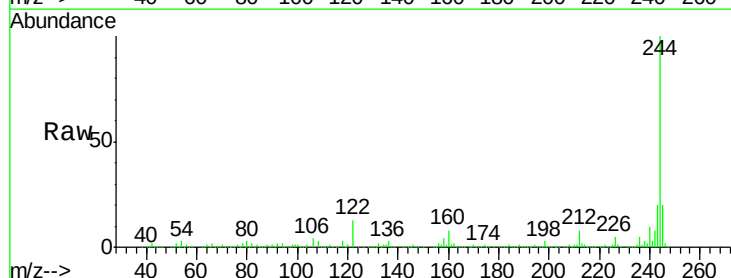
Tgt Ion:244 Resp: 882110

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

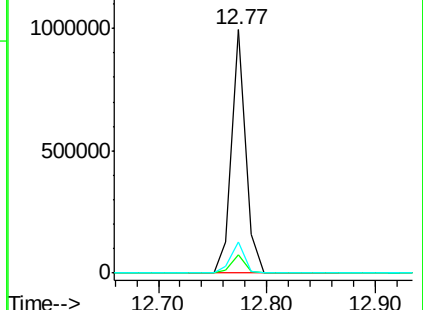
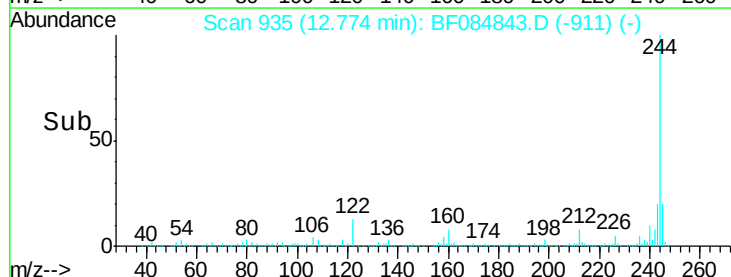
122 12.9 7.4 11.0#

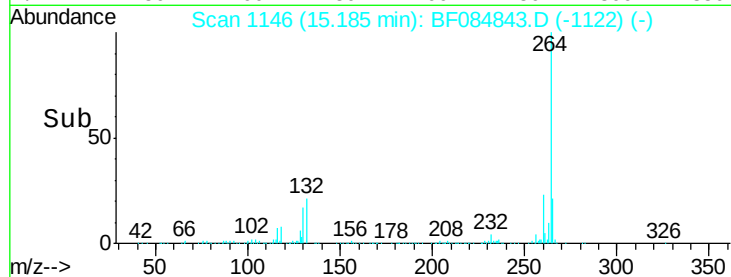
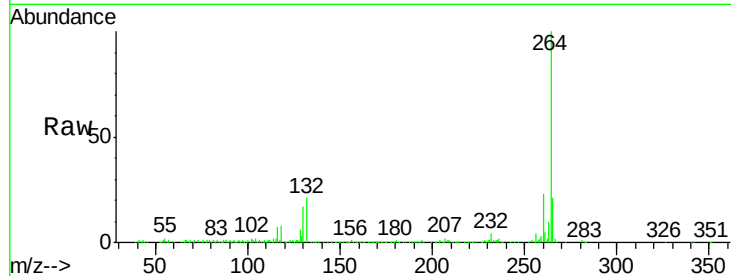
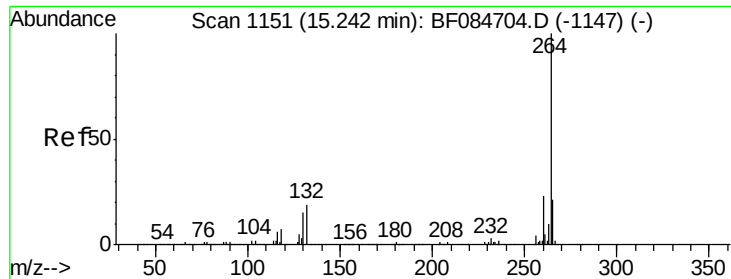


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.19 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF084843.D
Acq: 4 Feb 2016 22:04

Instrument :
BNA_F
ClientSampleId :
S4-B015(25-27)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.1	17.8	26.6

