

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
 Data File : BF084956.D
 Acq On : 9 Feb 2016 17:10
 Operator : SJ/IZ
 Sample : H1386-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B005(28-30)

Quant Time: Feb 10 04:08:23 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

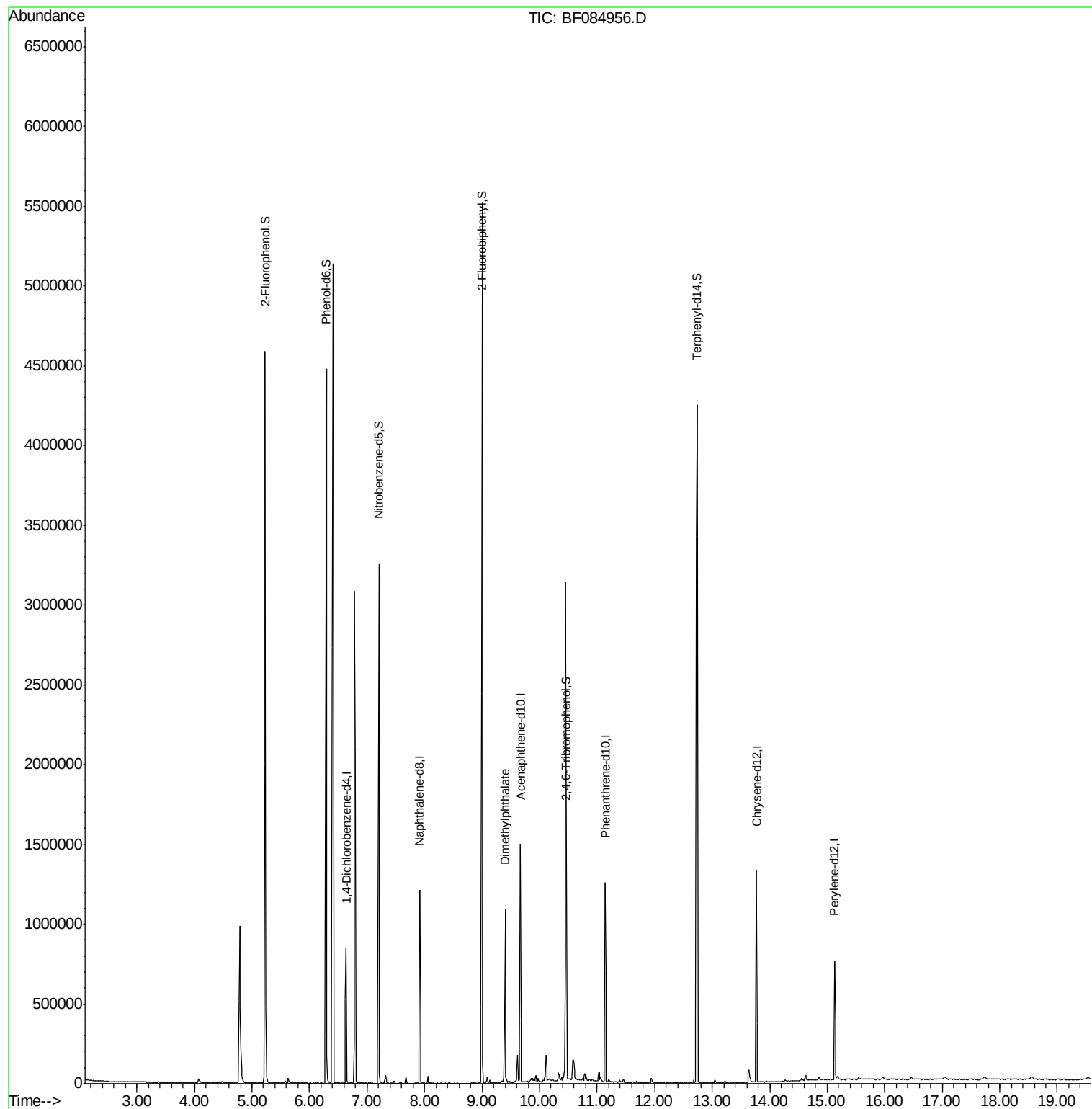
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	155288	20.00	ng	-0.05
21) Naphthalene-d8	7.92	136	622246	20.00	ng	-0.06
38) Acenaphthene-d10	9.66	164	305521	20.00	ng	-0.07
63) Phenanthrene-d10	11.14	188	554836	20.00	ng	-0.07
75) Chrysene-d12	13.77	240	465329	20.00	ng	-0.07
86) Perylene-d12	15.13	264	326068	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1356012	136.01	ng	-0.05
7) Phenol-d6	6.29	99	1727867	139.80	ng	-0.05
23) Nitrobenzene-d5	7.21	82	1205778	109.16	ng	-0.06
41) 2,4,6-Tribromophenol	10.46	330	511065	160.37	ng	-0.06
44) 2-Fluorobiphenyl	9.00	172	1878519	120.03	ng	-0.06
78) Terphenyl-d14	12.74	244	1860647	90.61	ng	-0.06
Target Compounds						
49) Dimethylphthalate	9.40	163	476511	20.48	ng	Qvalue # 91

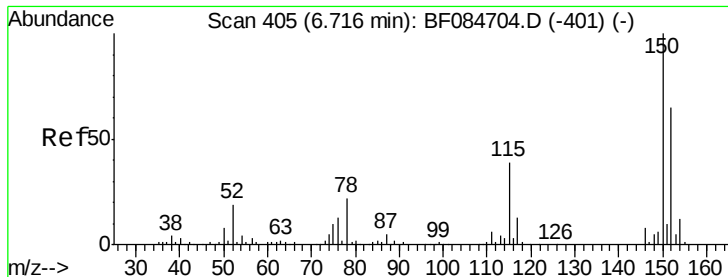
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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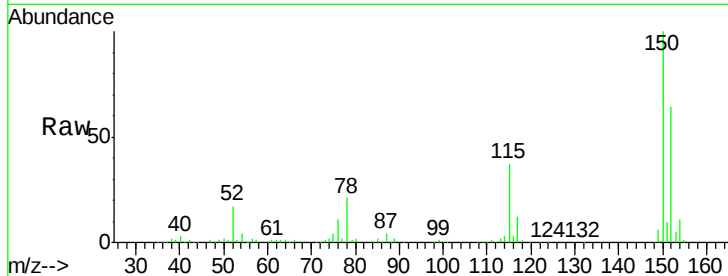


#1

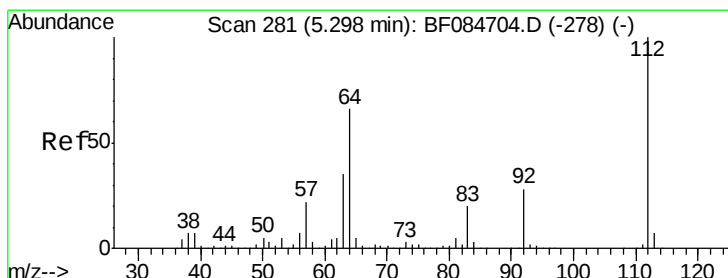
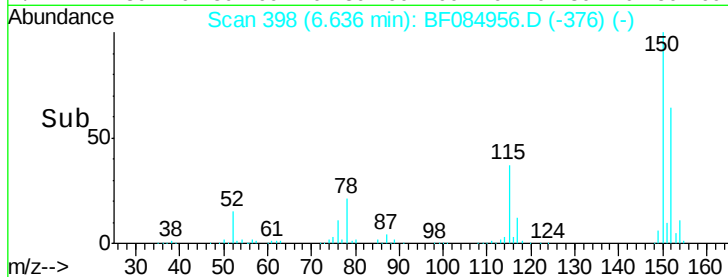
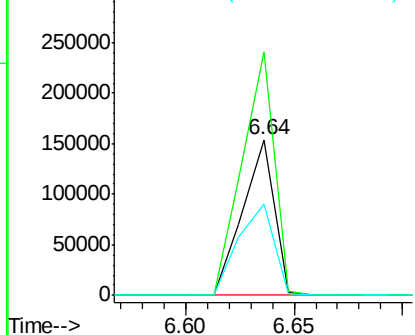
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.05 min
Lab File: BF084956.D
Acq: 9 Feb 2016 17:10

Instrument :
BNA_F
ClientSampleId :
S4-B005(28-30)

Tot Ion:152 Resp: 155288
Ion Ratio Lower Upper
152 100
150 156.8 123.0 184.4
115 58.7 51.4 77.2



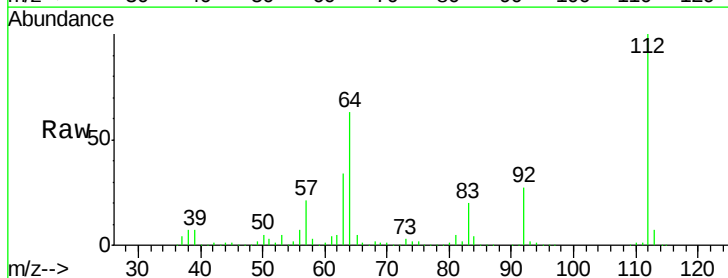
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



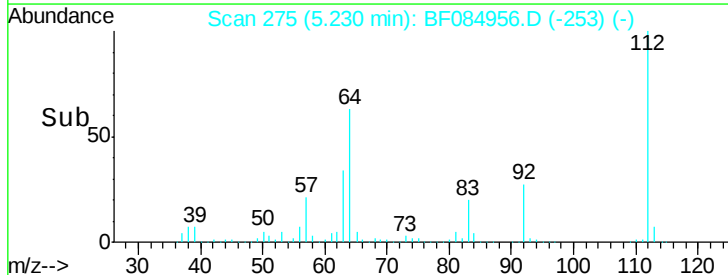
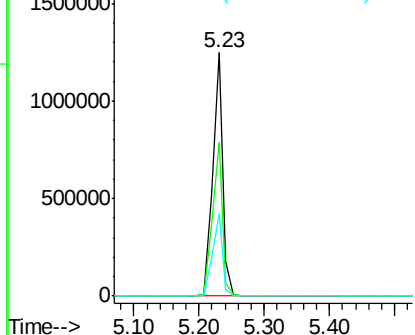
#5

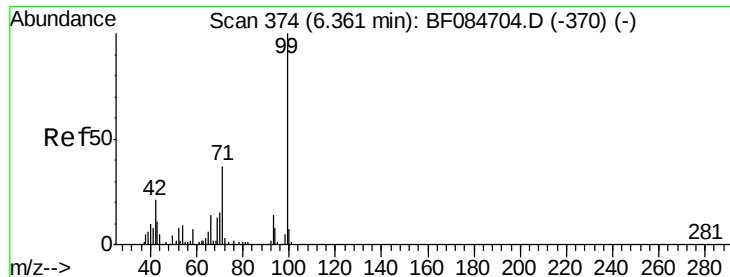
2-Fluorophenol
Concen: 136.01 ng
RT: 5.23 min Scan# 275
Delta R.T. -0.05 min
Lab File: BF084956.D
Acq: 9 Feb 2016 17:10

Tgt Ion:112 Resp: 1356012
Ion Ratio Lower Upper
112 100
64 63.1 36.6 55.0#
63 33.9 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: 139.80 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.05 min

Lab File: BF084956.D

Acq: 9 Feb 2016 17:10

Instrument :

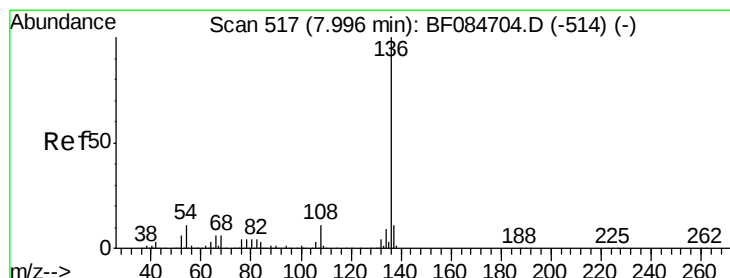
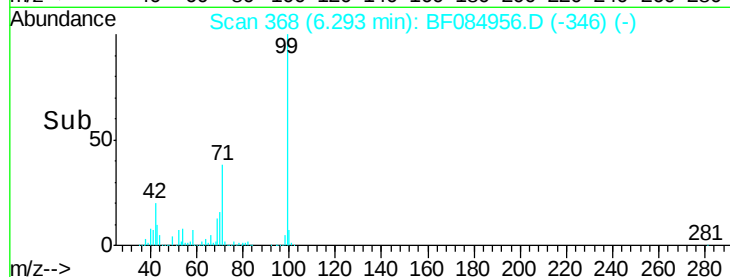
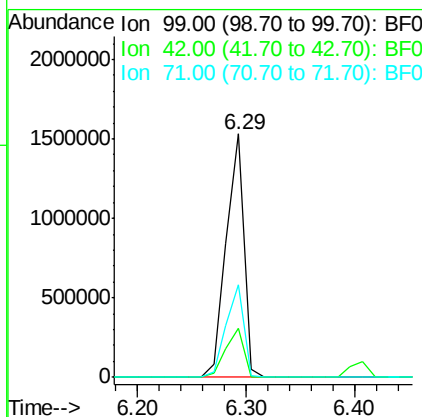
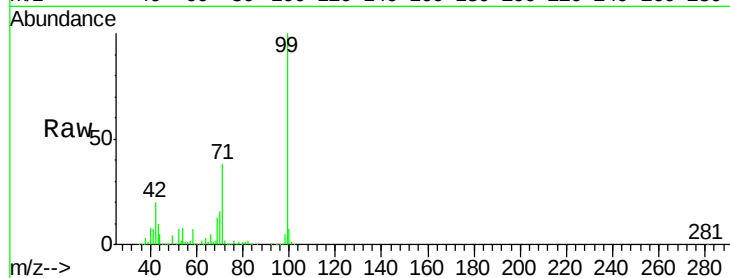
BNA_F

ClientSampleId :

S4-B005(28-30)

Tot Ion: 99 Resp: 1727867

Ion	Ratio	Lower	Upper
99	100		
42	20.1	12.8	19.2#
71	38.3	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 510

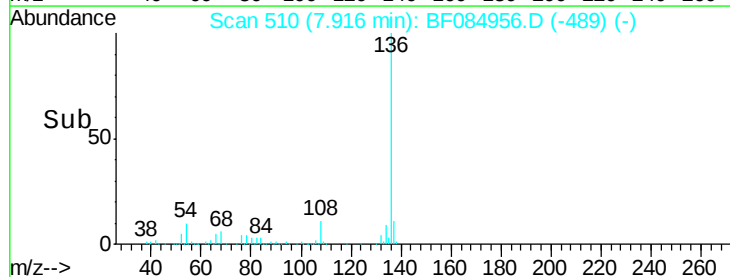
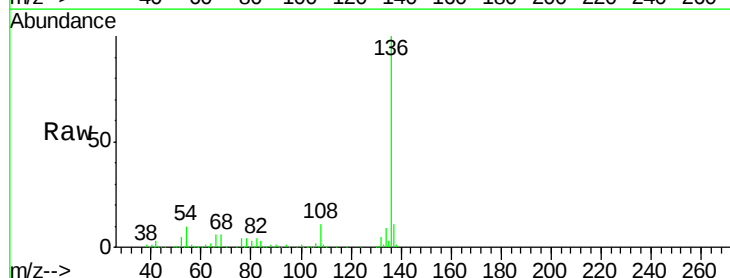
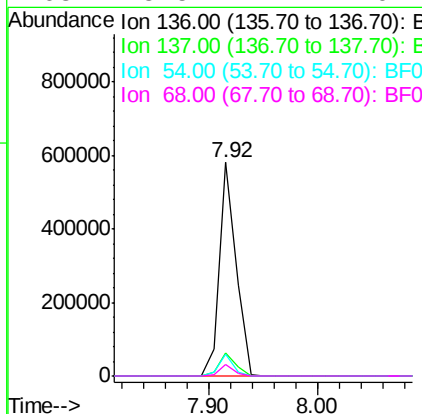
Delta R.T. -0.06 min

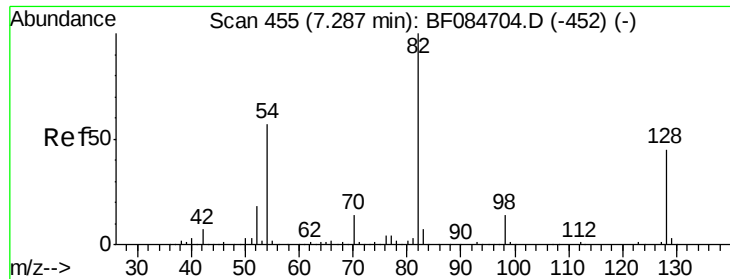
Lab File: BF084956.D

Acq: 9 Feb 2016 17:10

Tgt Ion: 136 Resp: 622246

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	10.2	5.8	8.8#
68	5.5	4.2	6.2

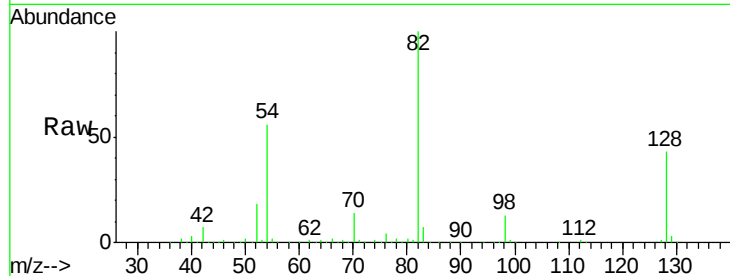




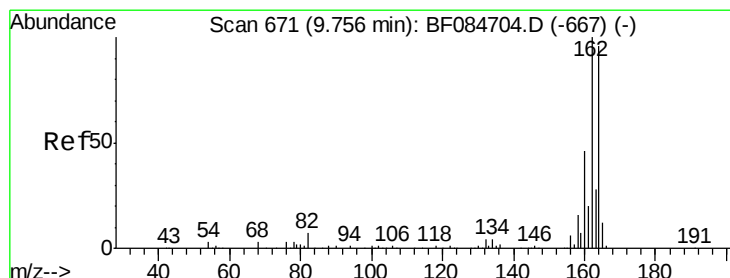
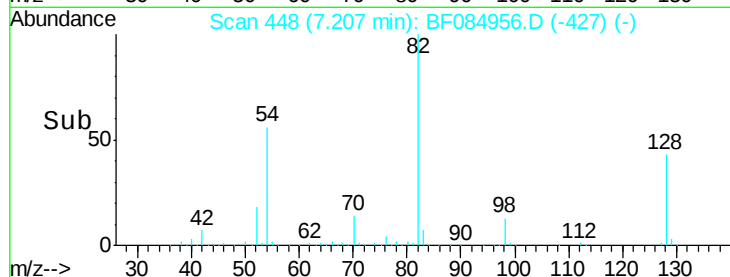
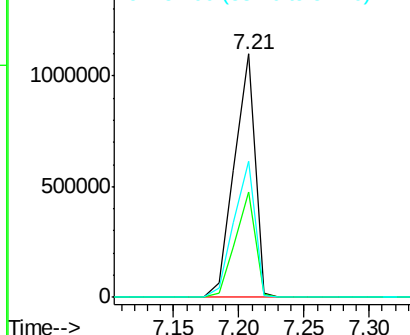
#23
 Nitrobenzene-d5
 Concen: 109.16 ng
 RT: 7.21 min Scan# 448
 Delta R.T. -0.06 min
 Lab File: BF084956.D
 Acq: 9 Feb 2016 17:10

Instrument :
 BNA_F
 ClientSampleId :
 S4-B005(28-30)

Tot Ion: 82 Resp: 1205778
 Ion Ratio Lower Upper
 82 100
 128 43.5 34.6 51.8
 54 56.1 38.4 57.6

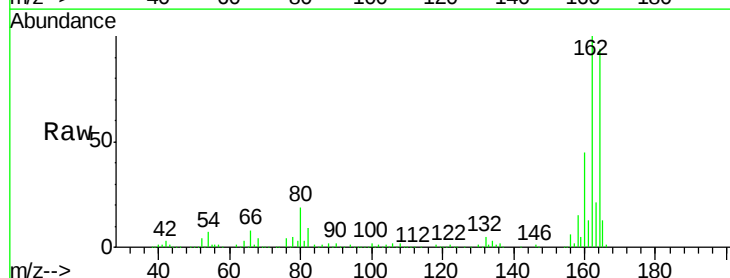


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

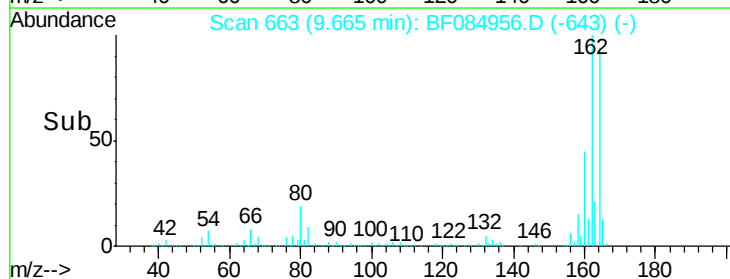
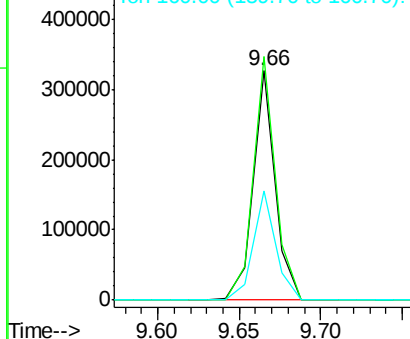


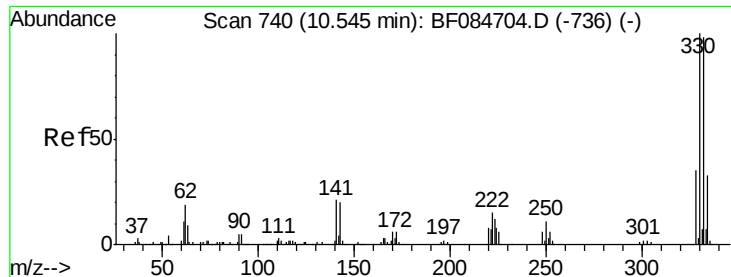
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.07 min
 Lab File: BF084956.D
 Acq: 9 Feb 2016 17:10

Tgt Ion:164 Resp: 305521
 Ion Ratio Lower Upper
 164 100
 162 106.1 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

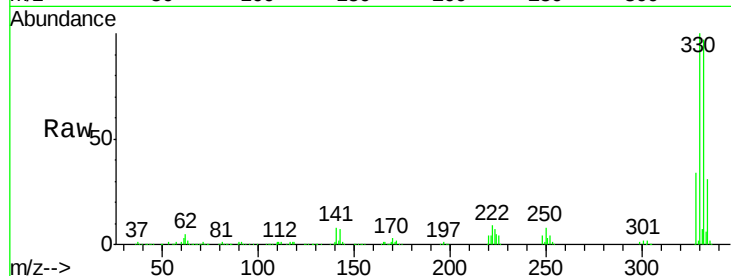




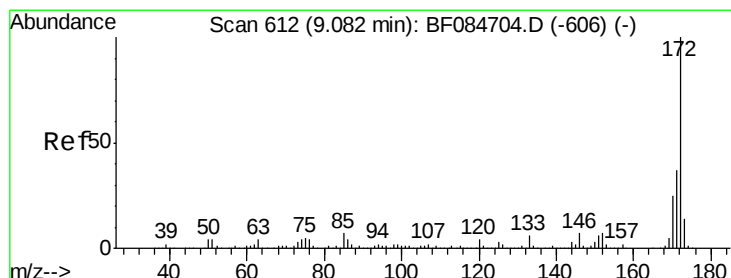
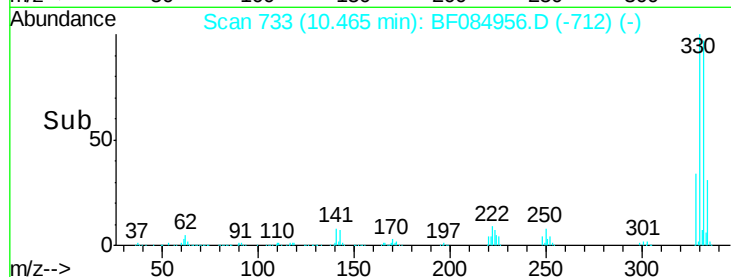
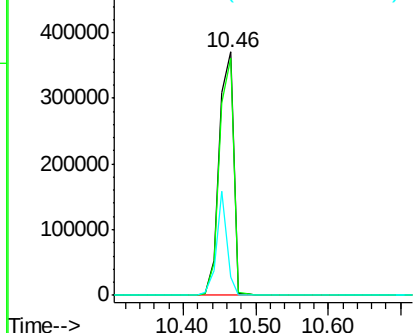
#41
 2,4,6-Tribromophenol
 Concen: 160.37 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.06 min
 Lab File: BF084956.D
 Acq: 9 Feb 2016 17:10

Instrument :
 BNA_F
 ClientSampleId :
 S4-B005(28-30)

Tot Ion:330 Resp: 511065
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 114.8
 141 30.9 27.8 41.6

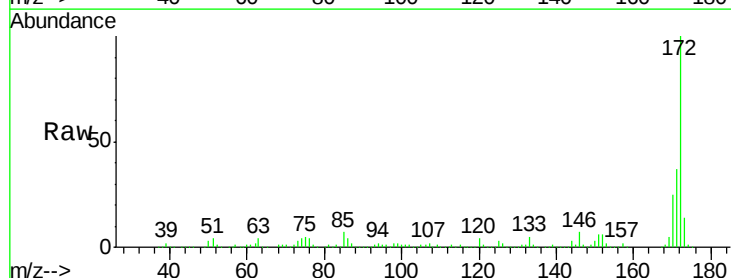


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

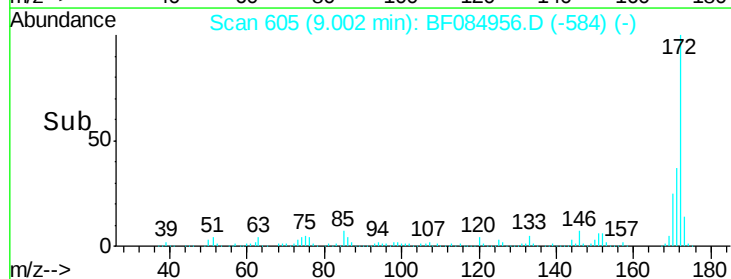
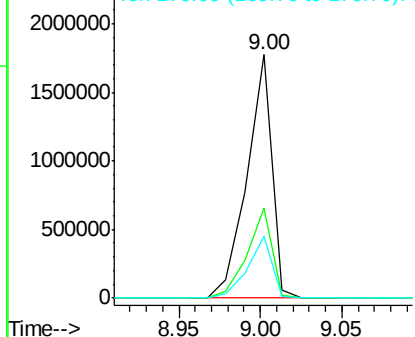


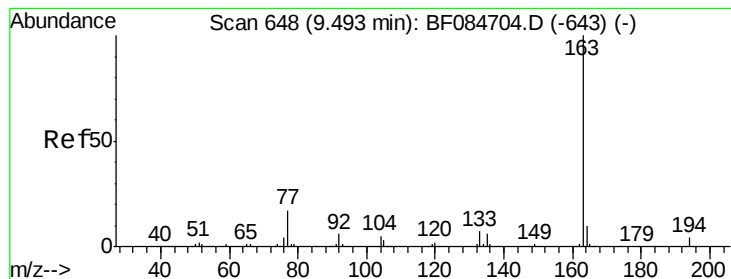
#44
 2-Fluorobiphenyl
 Concen: 120.03 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF084956.D
 Acq: 9 Feb 2016 17:10

Tgt Ion:172 Resp: 1878519
 Ion Ratio Lower Upper
 172 100
 171 37.2 28.9 43.3
 170 25.4 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: 20.48 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.07 min

Lab File: BF084956.D

Acq: 9 Feb 2016 17:10

Instrument :

BNA_F

ClientSampleId :

S4-B005(28-30)

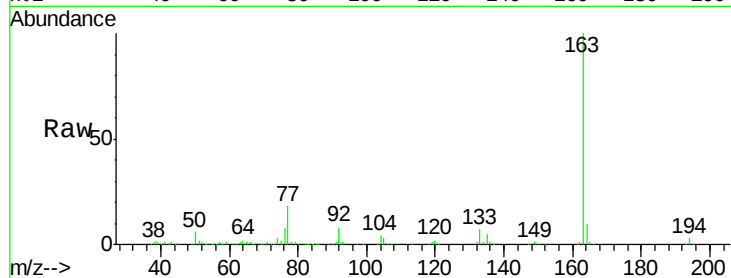
Tot Ion:163 Resp: 476511

Ion Ratio Lower Upper

163 100

194 3.3 8.0 12.0#

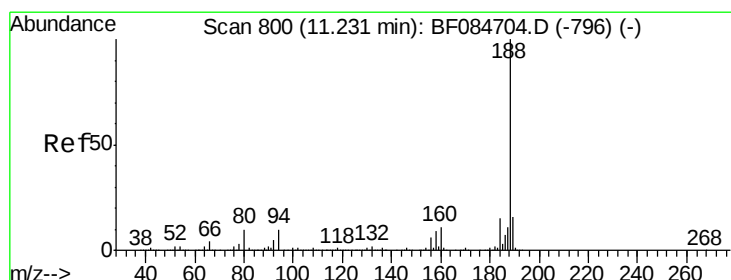
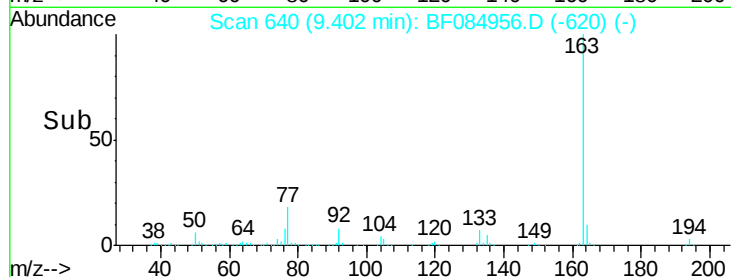
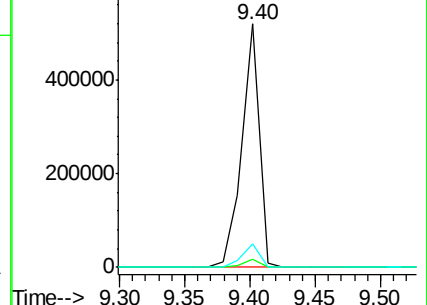
164 9.7 8.0 12.0



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: 11.14 min Scan# 792

Delta R.T. -0.07 min

Lab File: BF084956.D

Acq: 9 Feb 2016 17:10

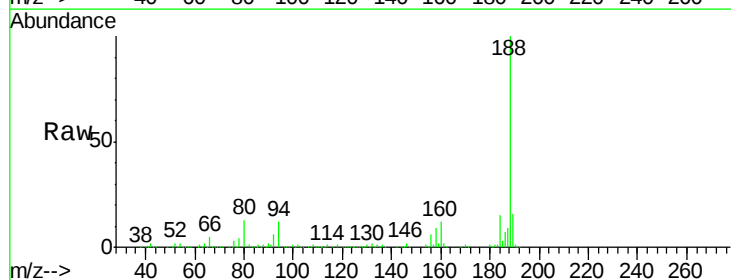
Tgt Ion:188 Resp: 554836

Ion Ratio Lower Upper

188 100

94 11.6 9.0 13.4

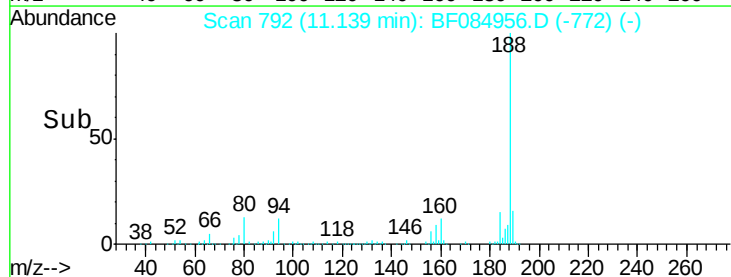
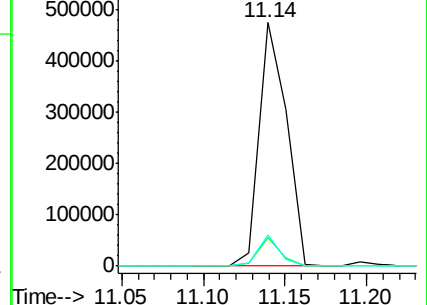
80 12.7 9.6 14.4

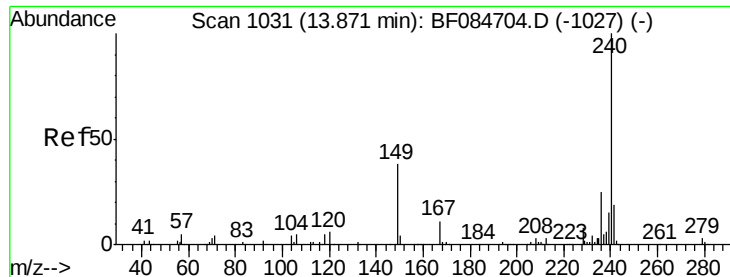


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.77 min Scan# 1022

Delta R.T. -0.07 min

Lab File: BF084956.D

Acq: 9 Feb 2016 17:10

Instrument :

BNA_F

ClientSampleId :

S4-B005(28-30)

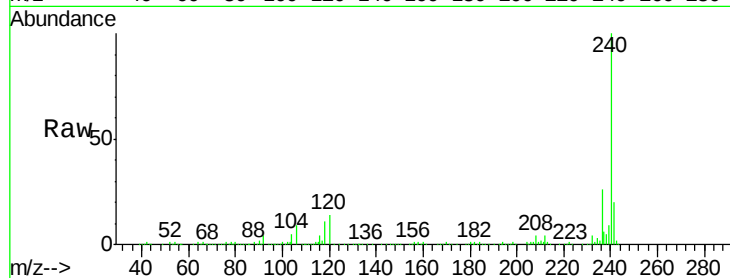
Tot Ion:240 Resp: 465329

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

236 26.1 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

600000

500000

400000

300000

200000

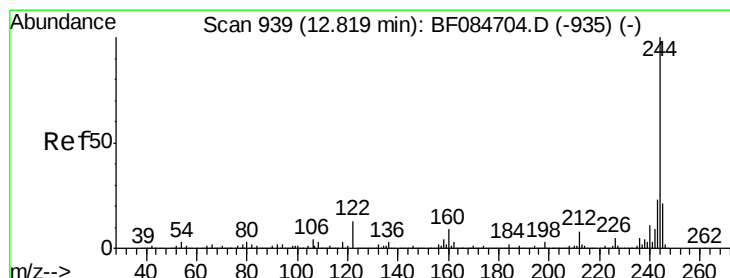
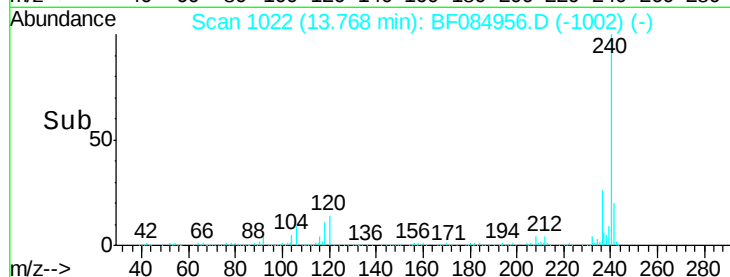
100000

0

13.77

13.70 13.80 13.90

Time-->



#78

Terphenyl-d14

Concen: 90.61 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.06 min

Lab File: BF084956.D

Acq: 9 Feb 2016 17:10

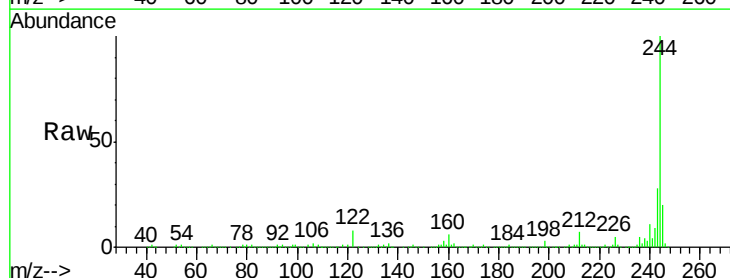
Tgt Ion:244 Resp: 1860647

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 7.6 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

2000000

1500000

1000000

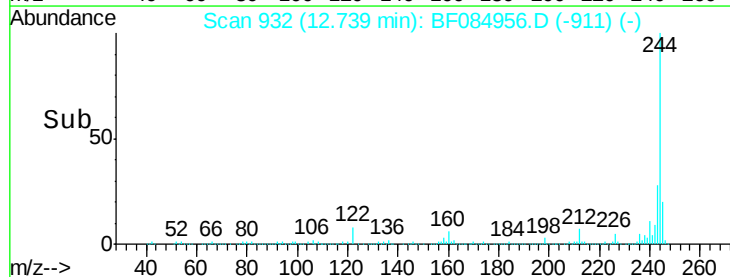
500000

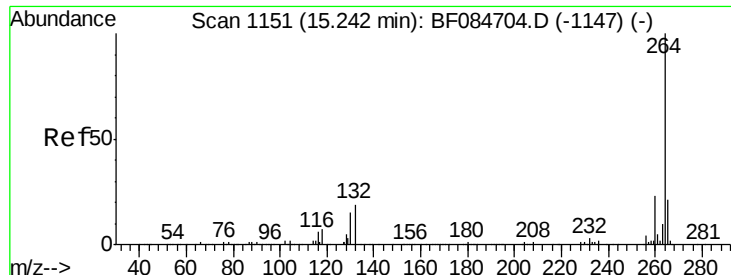
0

12.74

12.70 12.80

Time-->

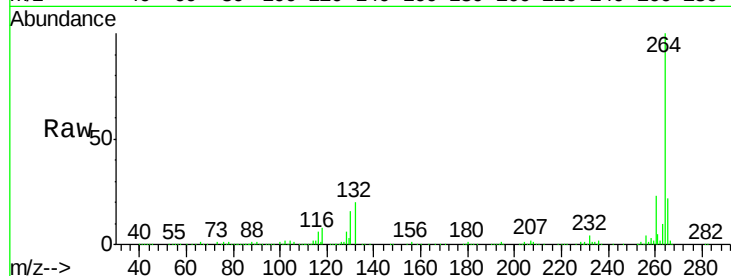




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1141
 Delta R.T. -0.08 min
 Lab File: BF084956.D
 Acq: 9 Feb 2016 17:10

Instrument :
 BNA_F
 ClientSampleId :
 S4-B005(28-30)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	21.7	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

