

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052416\
 Data File : BF087356.D
 Acq On : 25 May 2016 1:23
 Operator : UM/SJ
 Sample : H3191-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1705(0-4)

Quant Time: May 25 06:02:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 00:58:25 2016
 Response via : Initial Calibration

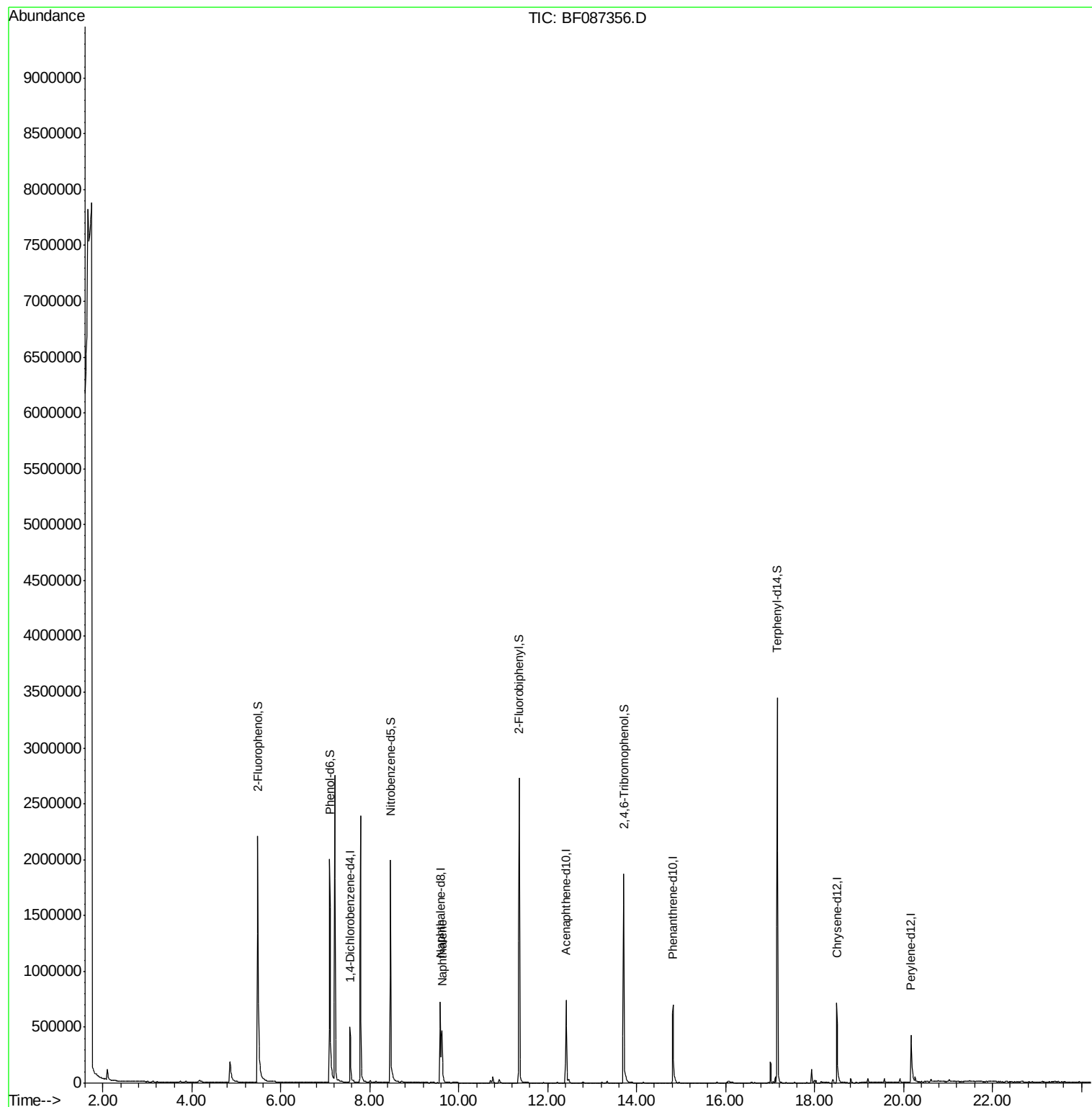
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	114289	20.00	ng	-0.01
21) Naphthalene-d8	9.59	136	461906	20.00	ng	-0.01
38) Acenaphthene-d10	12.41	164	218759	20.00	ng	-0.01
63) Phenanthrene-d10	14.82	188	443507	20.00	ng	0.00
75) Chrysene-d12	18.50	240	385872	20.00	ng	-0.01
86) Perylene-d12	20.17	264	276291	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	899641	138.32	ng	0.02
7) Phenol-d6	7.10	99	1075329	122.35	ng	-0.01
23) Nitrobenzene-d5	8.47	82	854128	93.19	ng	-0.02
41) 2,4,6-Tribromophenol	13.71	330	332814	158.32	ng	-0.01
44) 2-Fluorobiphenyl	11.36	172	1475740	95.10	ng	-0.02
78) Terphenyl-d14	17.17	244	1565040	86.23	ng	-0.01
Target Compounds						
31) Naphthalene	9.62	128	380352	16.43	ng	Qvalue 98

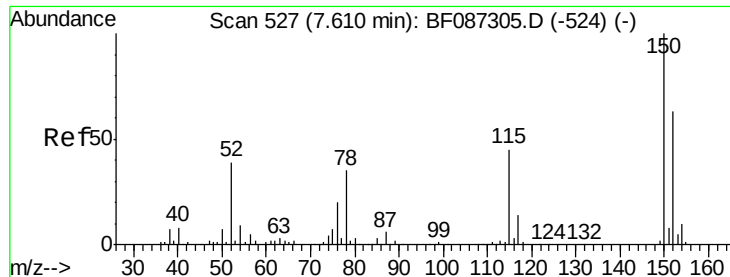
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052416\
Data File : BF087356.D
Acq On : 25 May 2016 1:23
Operator : UM/SJ
Sample : H3191-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1705(0-4)

Quant Time: May 25 06:02:43 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 00:58:25 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.55 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF087356.D

Acq: 25 May 2016 1:23

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1705(0-4)

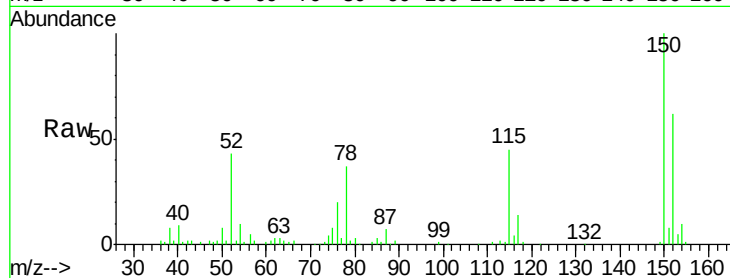
Tot Ion:152 Resp: 114289

Ion Ratio Lower Upper

152 100

150 161.4 125.8 188.6

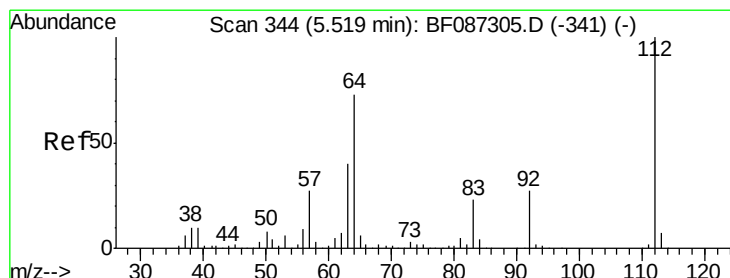
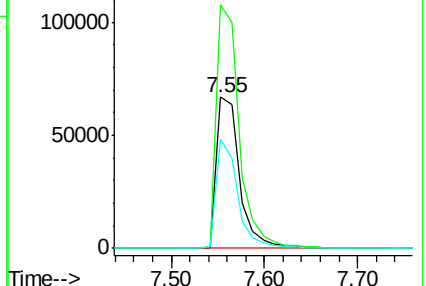
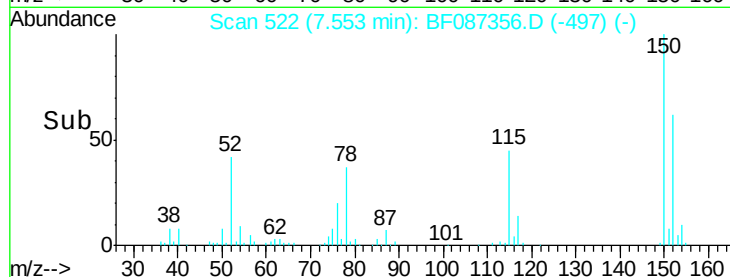
115 72.5 51.5 77.3



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: 138.32 ng

RT: 5.48 min Scan# 341

Delta R.T. 0.02 min

Lab File: BF087356.D

Acq: 25 May 2016 1:23

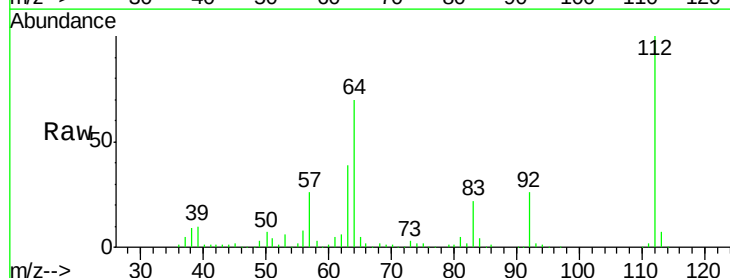
Tgt Ion:112 Resp: 899641

Ion Ratio Lower Upper

112 100

64 69.9 52.1 78.1

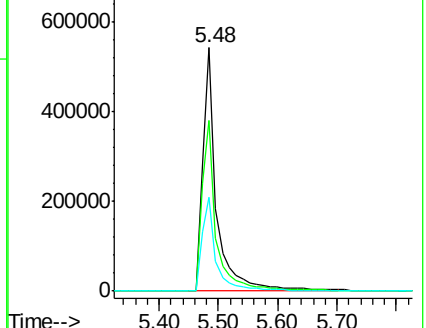
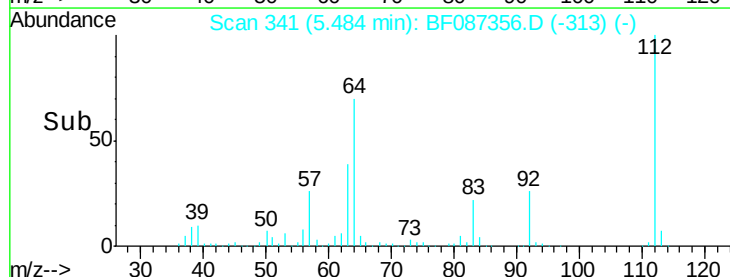
63 38.6 25.7 38.5

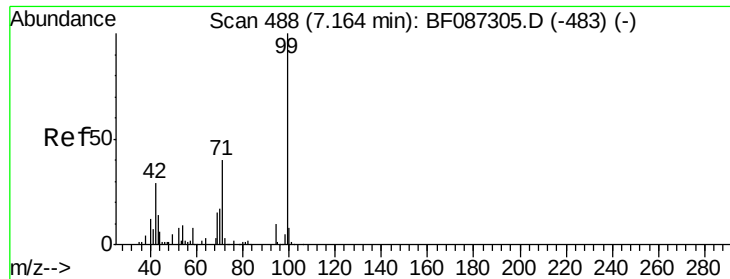


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.35 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF087356.D

Acq: 25 May 2016 1:23

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1705(0-4)

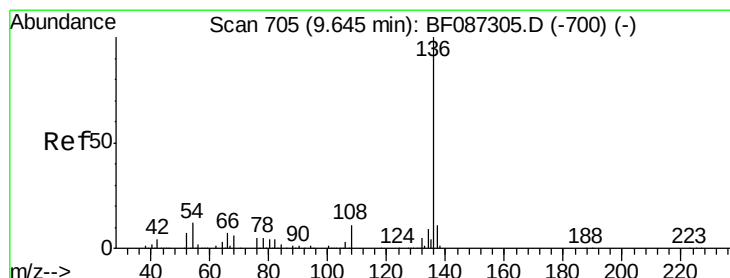
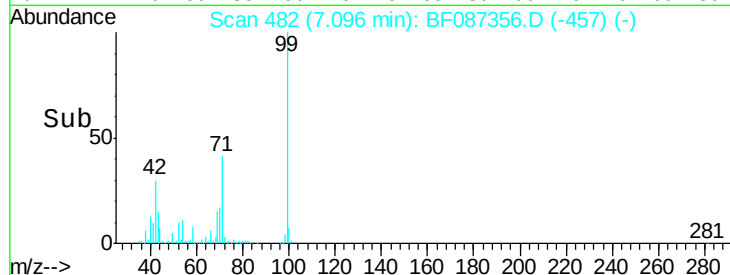
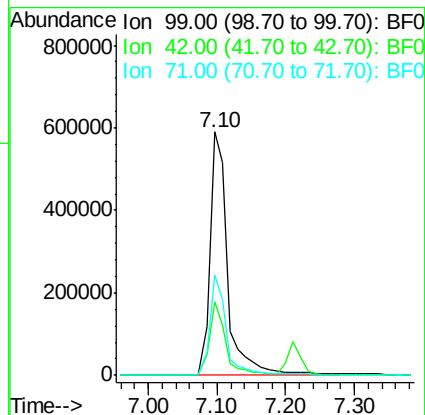
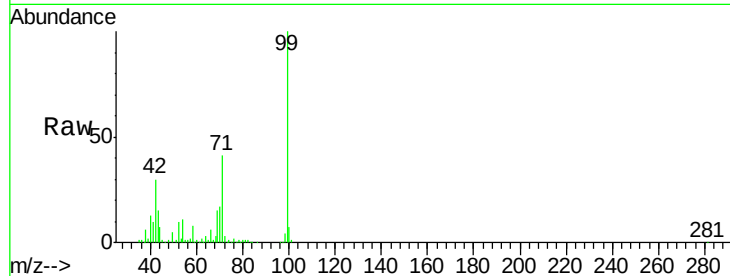
Tot Ion: 99 Resp: 1075329

Ion Ratio Lower Upper

99 100

42 30.4 13.6 20.4#

71 41.1 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF087356.D

Acq: 25 May 2016 1:23

Tgt Ion: 136 Resp: 461906

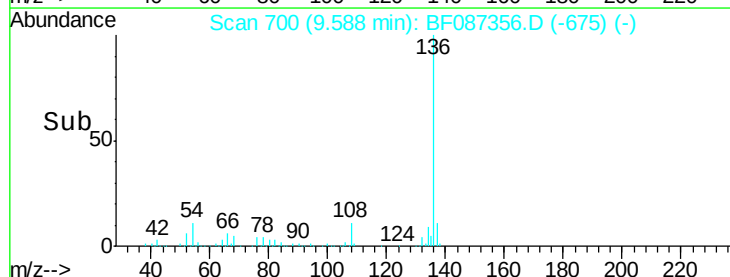
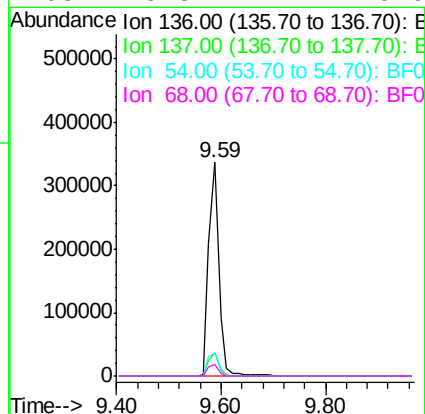
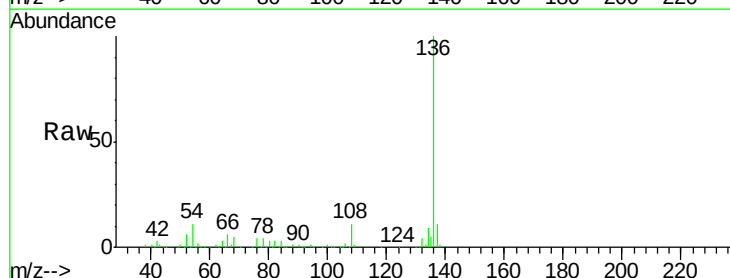
Ion Ratio Lower Upper

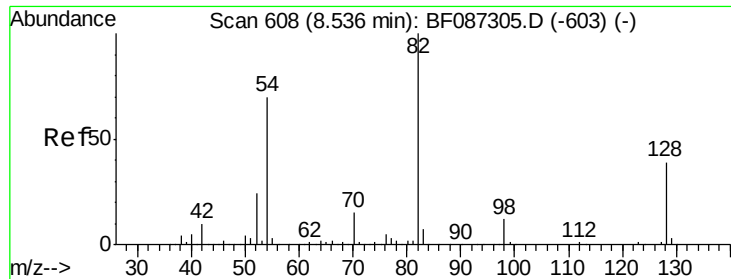
136 100

137 10.9 8.8 13.2

54 10.5 5.0 7.4#

68 5.3 4.4 6.6

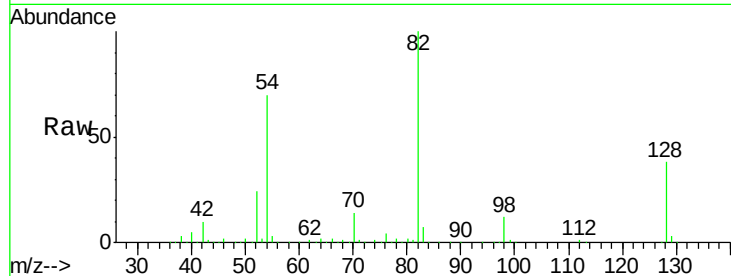




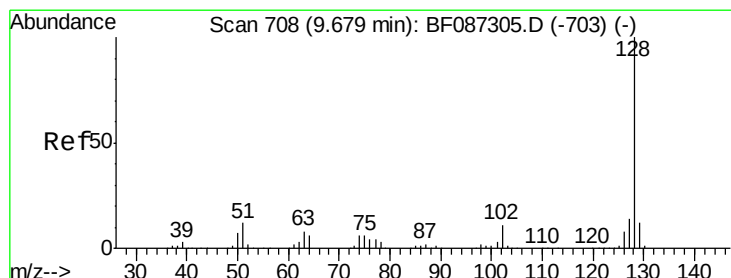
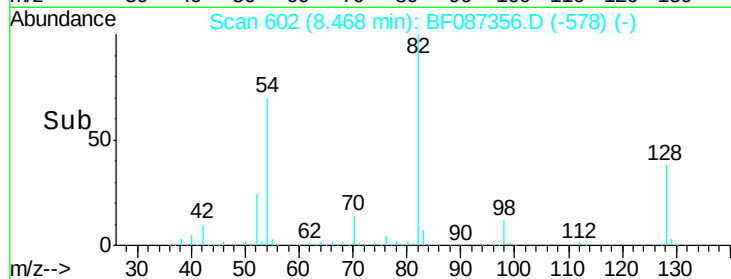
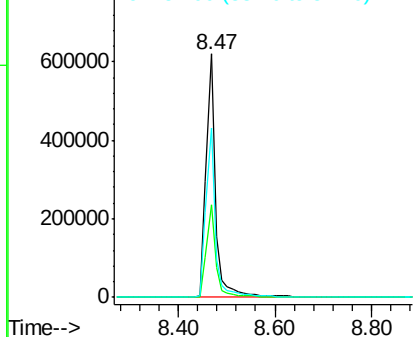
#23
Nitrobenzene-d5
Concen: 93.19 ng
RT: 8.47 min Scan# 602
Delta R.T. -0.02 min
Lab File: BF087356.D
Acq: 25 May 2016 1:23

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1705(0-4)

Tot Ion	82	Resp	854128
Ion Ratio	Lower	Upper	
82	100		
128	38.1	40.6	61.0#
54	69.6	38.1	57.1#

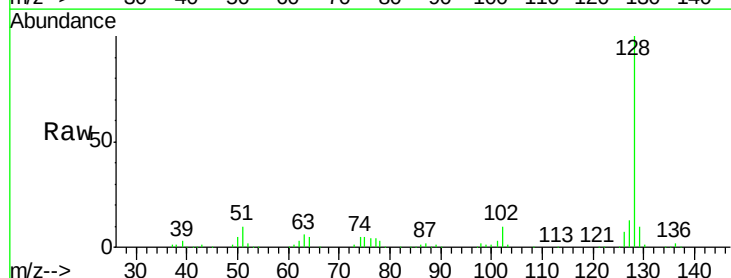


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

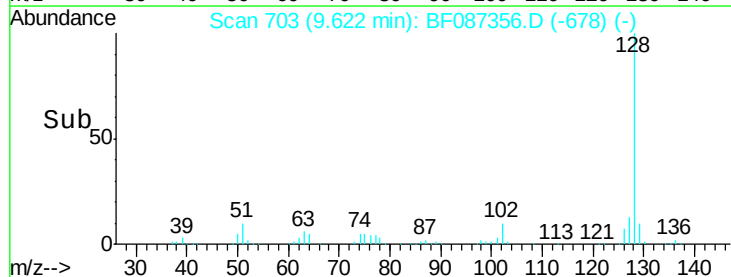
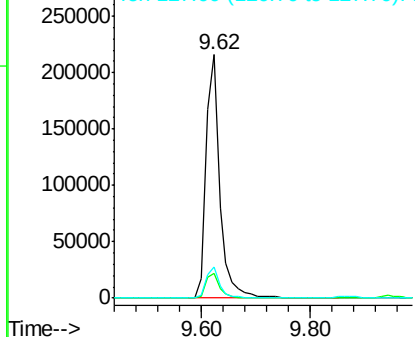


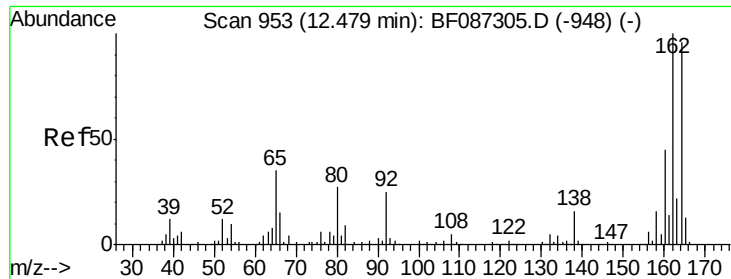
#31
Naphthalene
Concen: 16.43 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF087356.D
Acq: 25 May 2016 1:23

Tgt Ion	128	Resp	380352
Ion Ratio	Lower	Upper	
128	100		
129	10.3	8.6	13.0
127	12.7	10.8	16.2



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

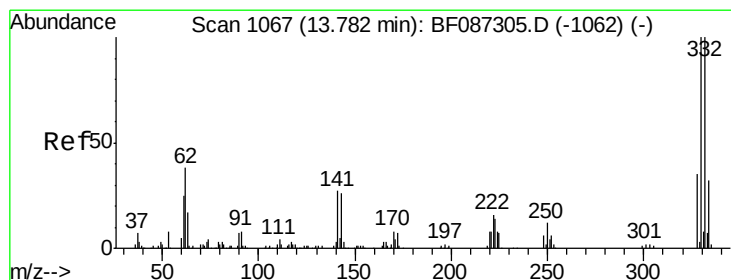
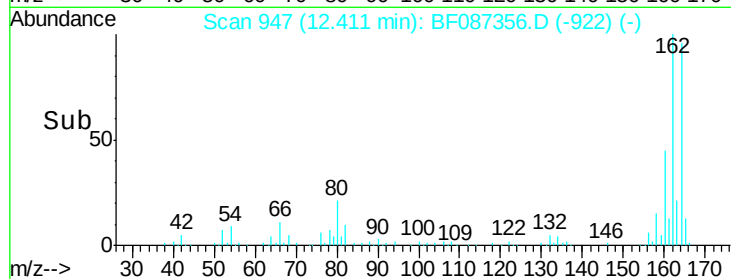
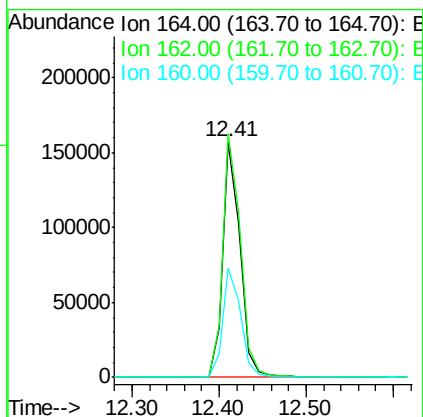
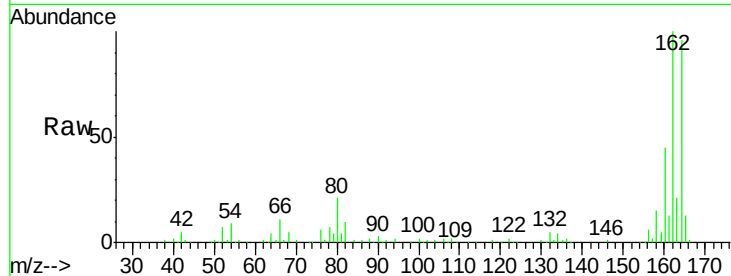




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.41 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF087356.D
 Acq: 25 May 2016 1:23

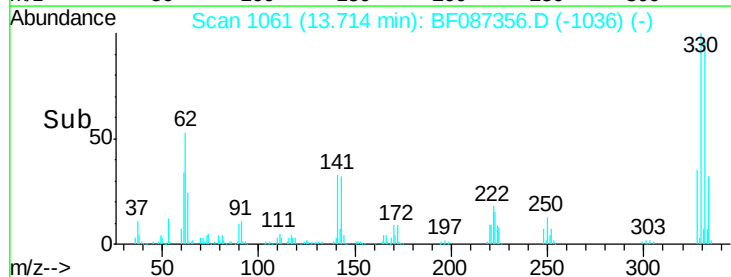
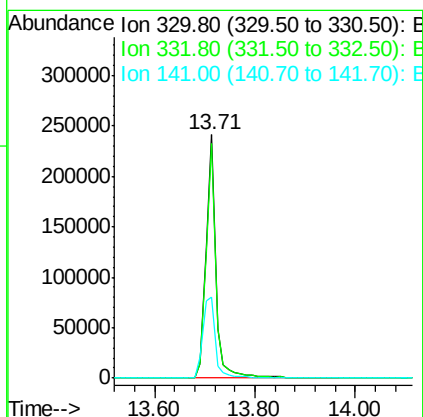
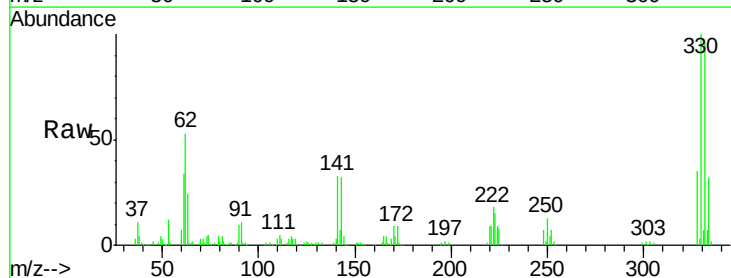
Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1705(0-4)

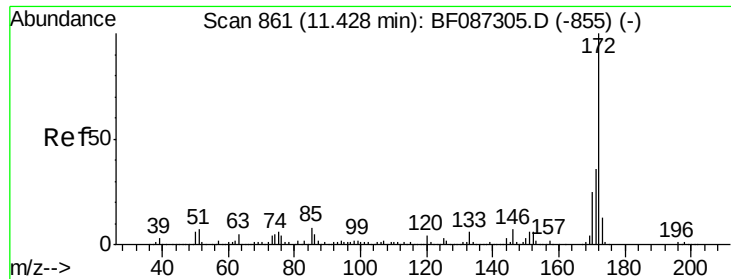
Tot Ion:164 Resp: 218759
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.8 124.2
 160 46.4 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 158.32 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF087356.D
 Acq: 25 May 2016 1:23

Tgt Ion:330 Resp: 332814
 Ion Ratio Lower Upper
 330 100
 332 96.7 79.0 118.4
 141 43.0 31.2 46.8





#44

2-Fluorobiphenyl

Concen: 95.10 ng

RT: 11.36 min Scan# 855

Delta R.T. -0.02 min

Lab File: BF087356.D

Acq: 25 May 2016 1:23

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1705(0-4)

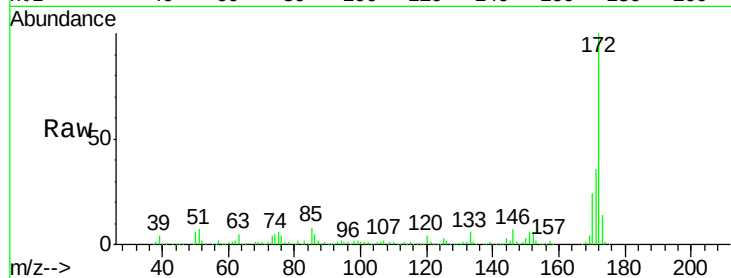
Tot Ion:172 Resp: 1475740

Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.6

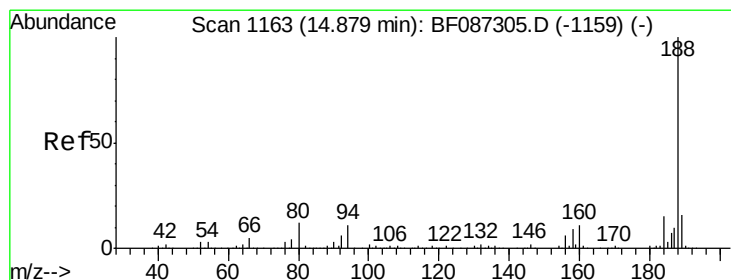
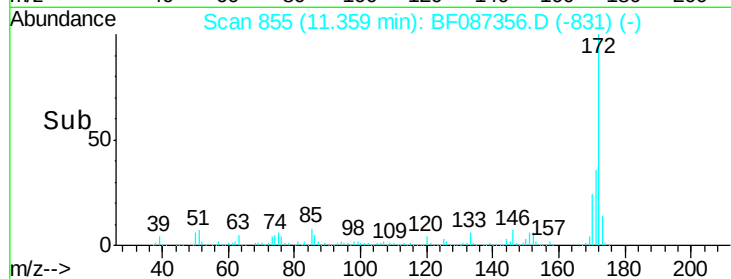
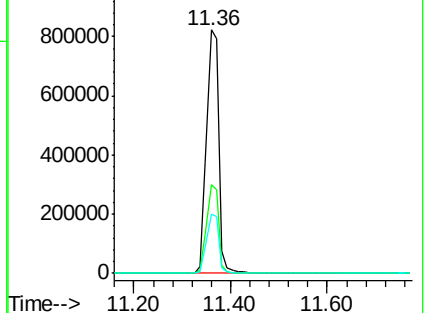
170 24.5 19.8 29.8



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.82 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF087356.D

Acq: 25 May 2016 1:23

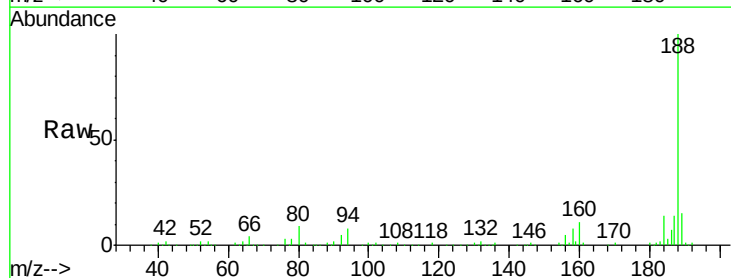
Tgt Ion:188 Resp: 443507

Ion Ratio Lower Upper

188 100

94 8.2 6.8 10.2

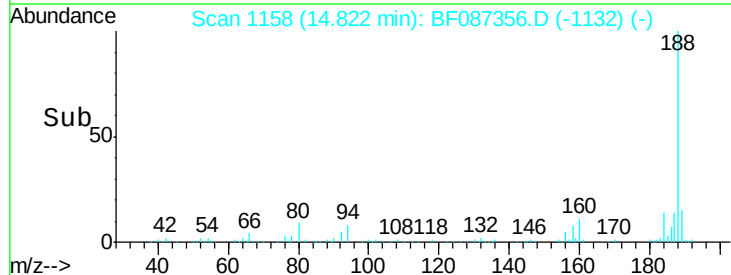
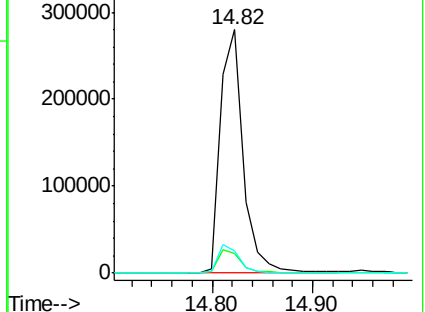
80 9.1 7.1 10.7

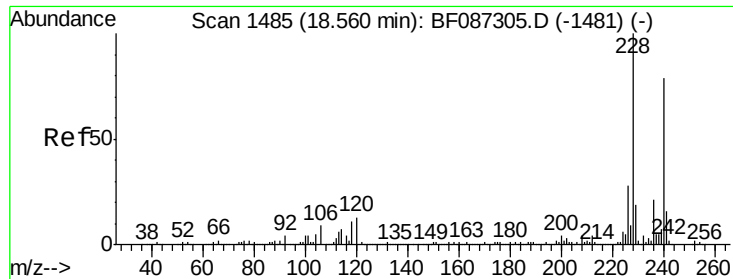


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.50 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BF087356.D

Acq: 25 May 2016 1:23

Instrument :

BNA_F

ClientSampleId :

CHS-STA-1705(0-4)

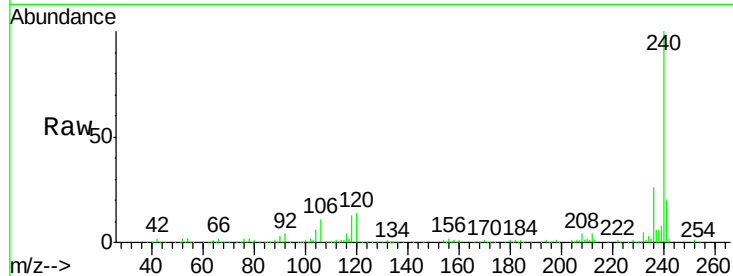
Tot Ion:240 Resp: 385872

Ion Ratio Lower Upper

240 100

120 14.4 11.2 16.8

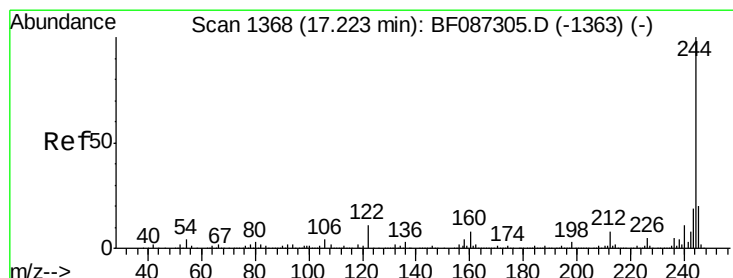
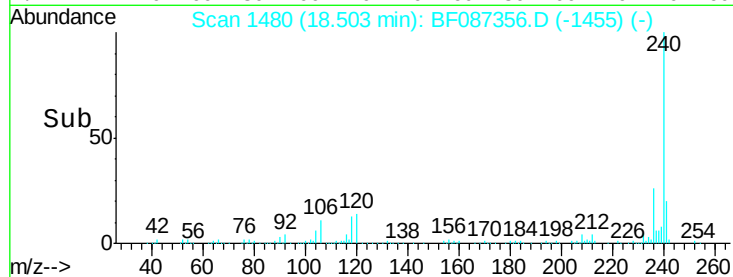
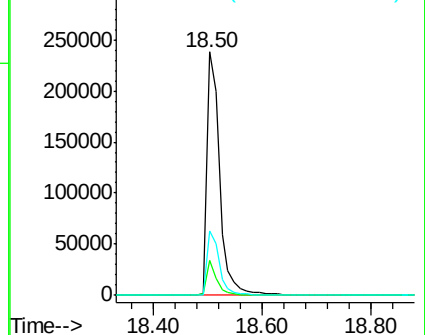
236 26.3 21.2 31.8



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: 86.23 ng

RT: 17.17 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF087356.D

Acq: 25 May 2016 1:23

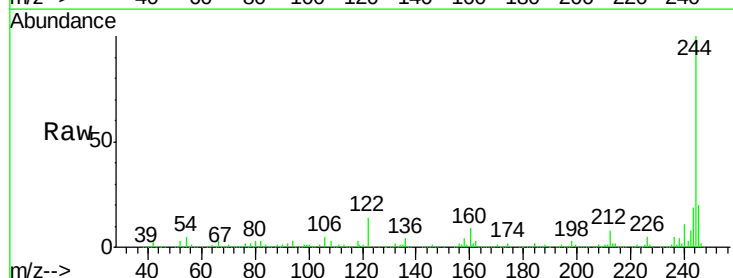
Tgt Ion:244 Resp: 1565040

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

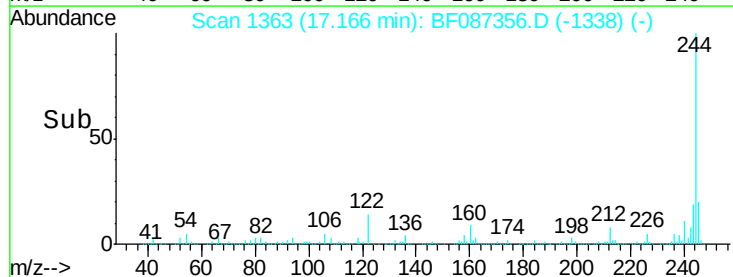
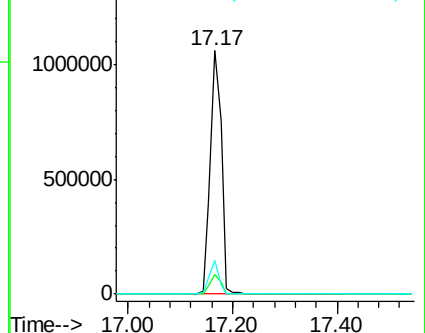
122 13.6 12.0 18.0

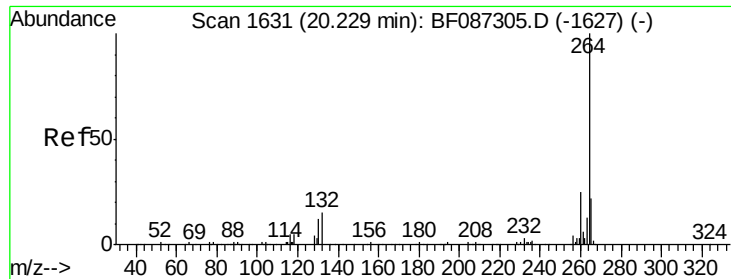


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.17 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BF087356.D
 Acq: 25 May 2016 1:23

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1705(0-4)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.0	17.3	25.9

