

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086235.D
 Acq On : 16 Apr 2016 00:03
 Operator : UM/SJ
 Sample : H2402-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-04S-4-7-16

Quant Time: Apr 16 02:06:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 16 00:36:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	294196	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1205429	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	531241	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	910280	20.00	ng	0.00
75) Chrysene-d12	14.04	240	596389	20.00	ng	-0.01
86) Perylene-d12	15.48	264	472107	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1027054	57.20	ng	0.00
7) Phenol-d6	6.51	99	819982	36.51	ng	0.00
23) Nitrobenzene-d5	7.46	82	1740311	83.27	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	517202	121.24	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2626357	91.23	ng	0.00
78) Terphenyl-d14	13.00	244	1938943	81.75	ng	0.00

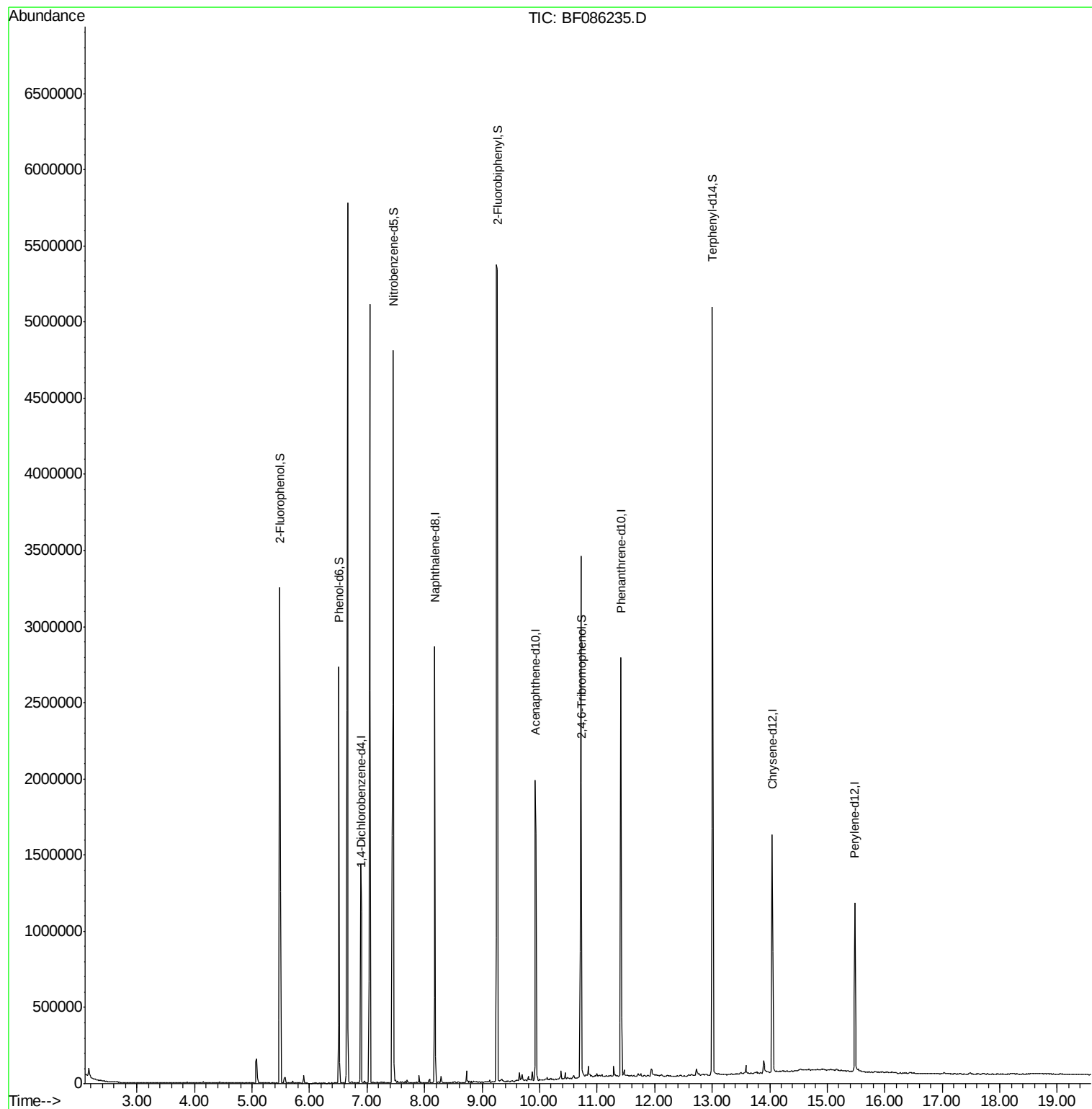
Target Compounds Qvalue

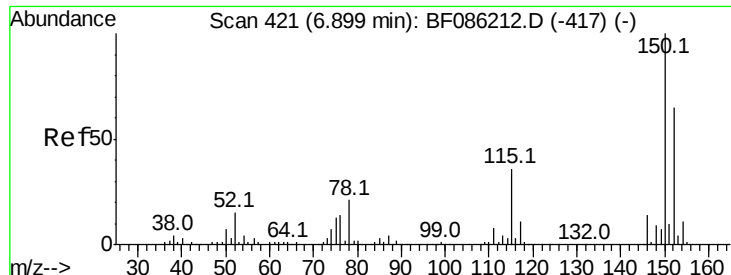
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 16 00:36:21 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF086235.D

Acq: 16 Apr 2016 00:03

Instrument :

BNA_F

ClientSampleId :

GW-04S-4-7-16

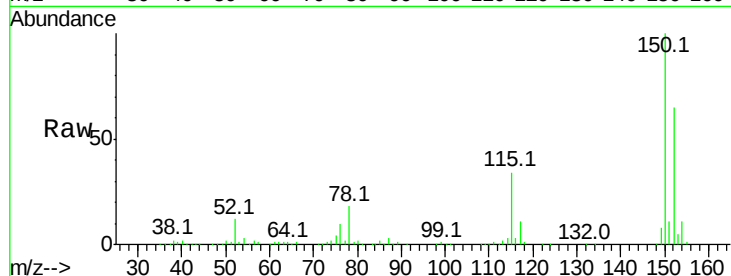
Tot Ion:152 Resp: 294196

Ion Ratio Lower Upper

152 100

150 153.9 124.1 186.1

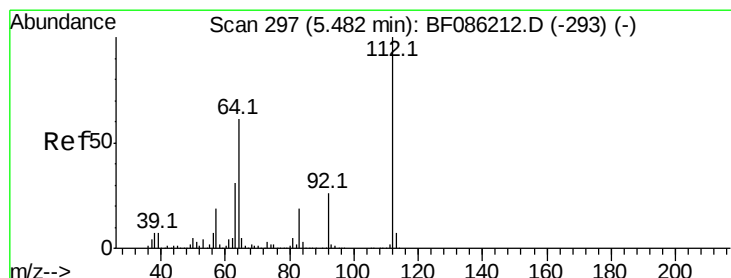
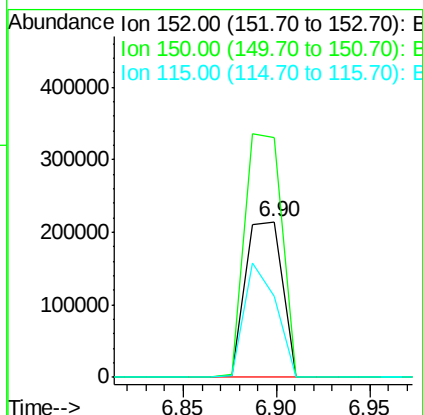
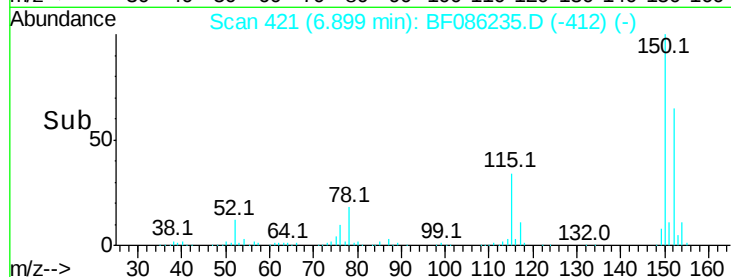
115 52.2 43.9 65.9



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: 57.20 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.00 min

Lab File: BF086235.D

Acq: 16 Apr 2016 00:03

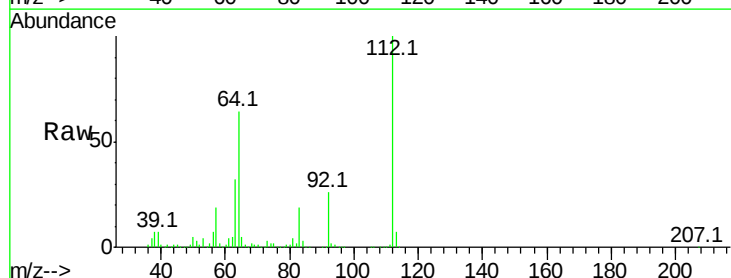
Tgt Ion:112 Resp: 1027054

Ion Ratio Lower Upper

112 100

64 63.8 48.1 72.1

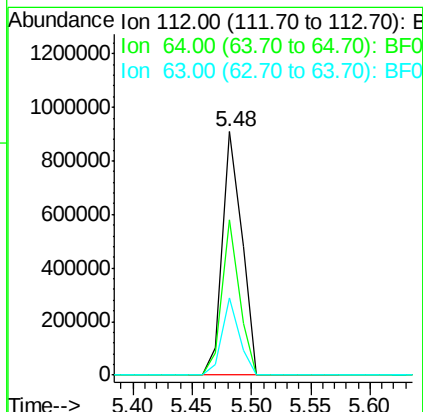
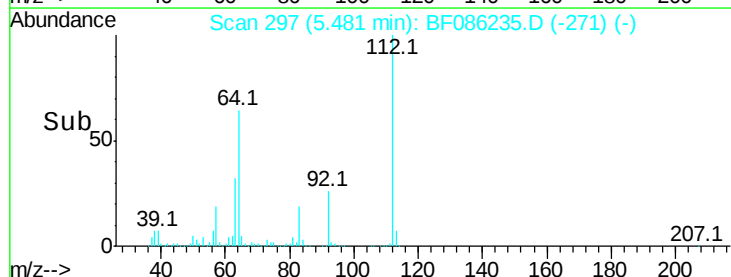
63 31.9 25.5 38.3

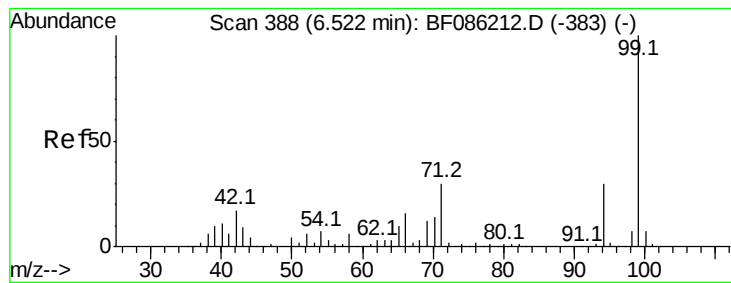


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.51 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF086235.D

Acq: 16 Apr 2016 00:03

Instrument :

BNA_F

ClientSampleId :

GW-04S-4-7-16

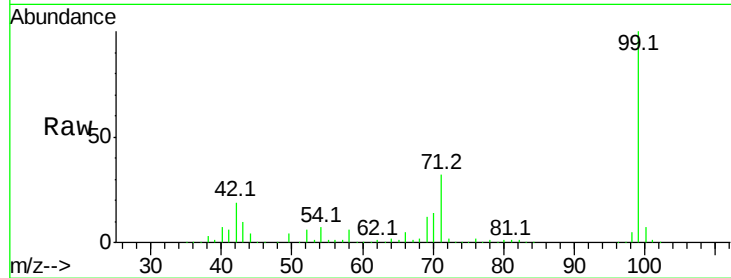
Tot Ion: 99 Resp: 819982

Ion Ratio Lower Upper

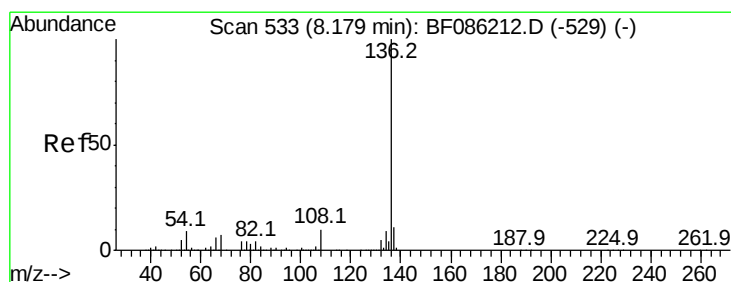
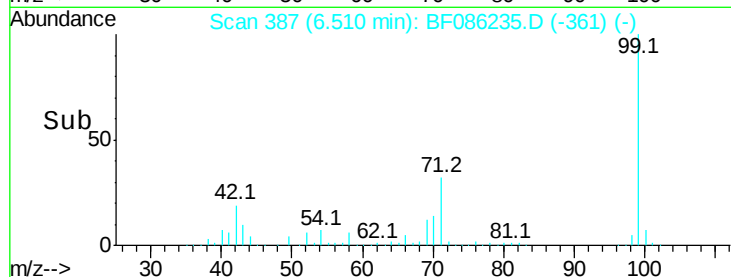
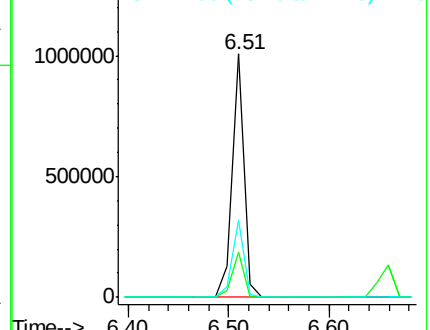
99 100

42 18.6 15.4 23.2

71 31.6 25.6 38.4



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF086235.D

Acq: 16 Apr 2016 00:03

Tgt Ion:136 Resp: 1205429

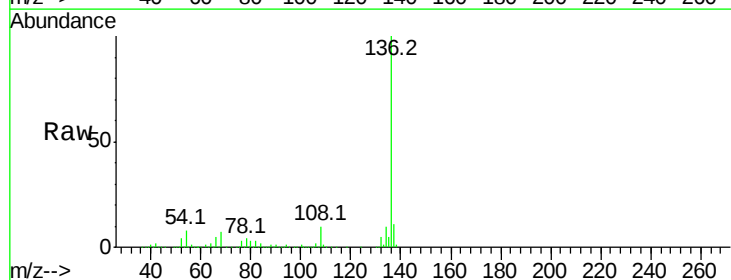
Ion Ratio Lower Upper

136 100

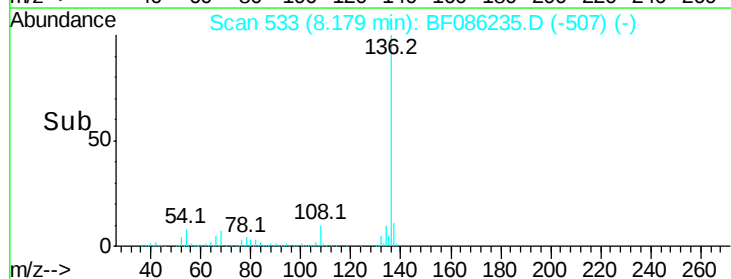
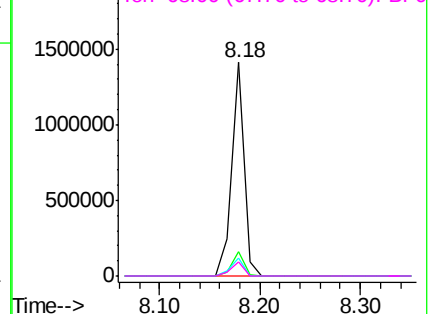
137 11.1 9.1 13.7

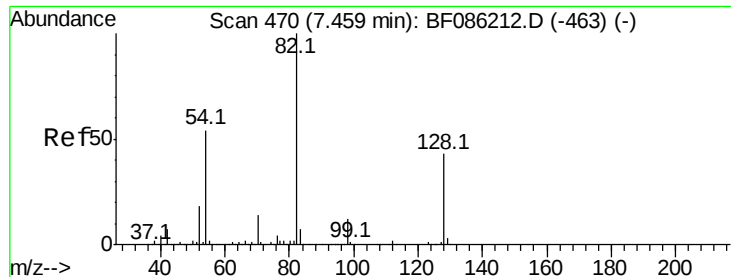
54 8.1 7.3 10.9

68 6.8 5.7 8.5



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



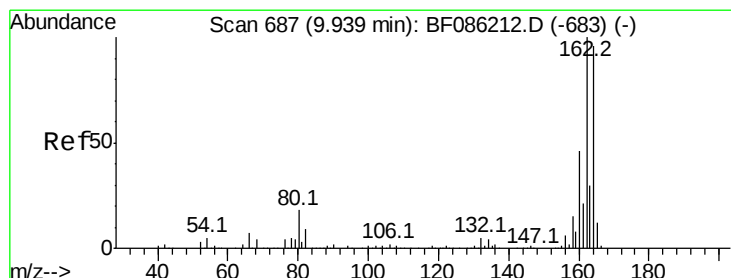
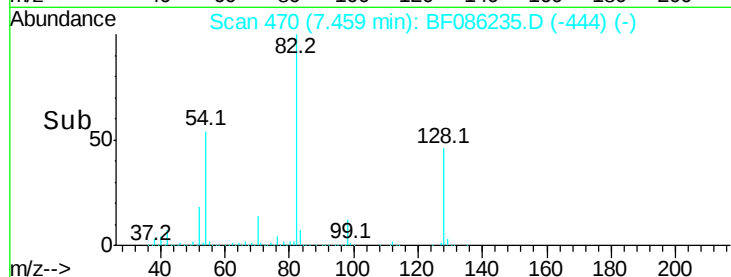
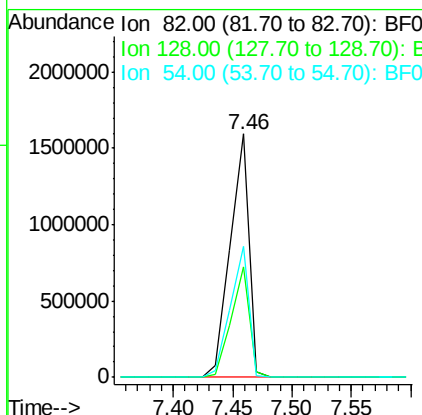
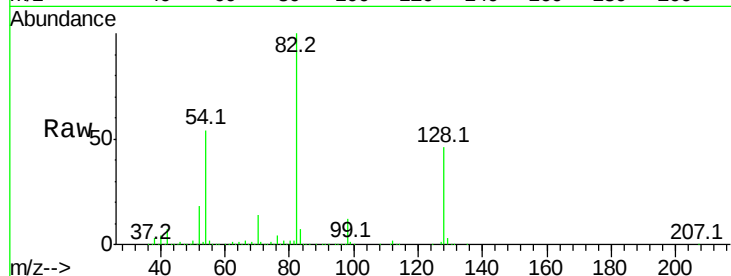


#23
 Nitrobenzene-d5
 Concen: 83.27 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF086235.D
 Acq: 16 Apr 2016 00:03

Instrument :
 BNA_F
 ClientSampleId :
 GW-04S-4-7-16

Tot Ion: 82 Resp: 1740311

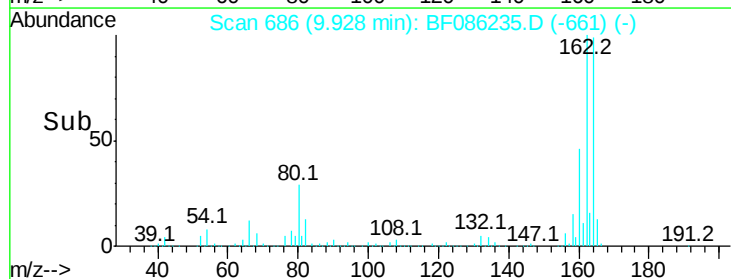
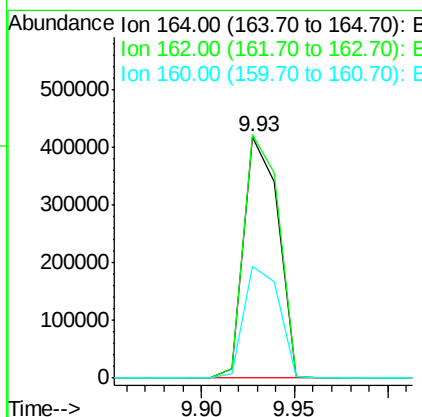
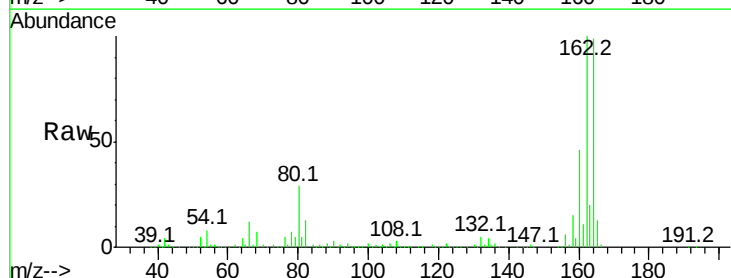
Ion	Ratio	Lower	Upper
82	100		
128	45.5	35.4	53.2
54	53.8	43.4	65.0

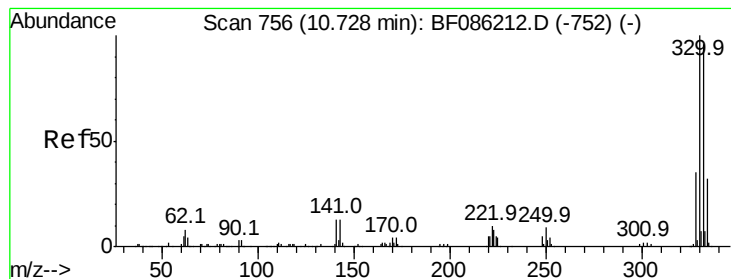


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF086235.D
 Acq: 16 Apr 2016 00:03

Tgt Ion: 164 Resp: 531241

Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.8	124.2
160	46.1	38.9	58.3





#41

2,4,6-Tribromophenol

Concen: 121.24 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF086235.D

Acq: 16 Apr 2016 00:03

Instrument :

BNA_F

ClientSampleId :

GW-04S-4-7-16

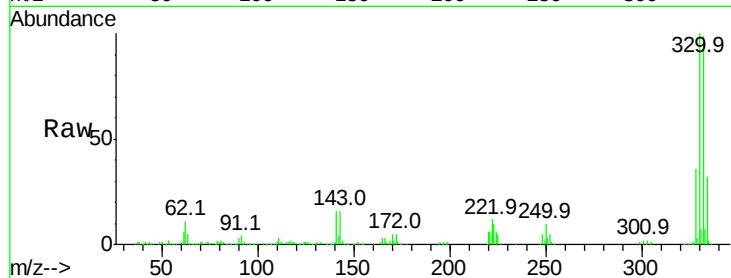
Tot Ion:330 Resp: 517202

Ion Ratio Lower Upper

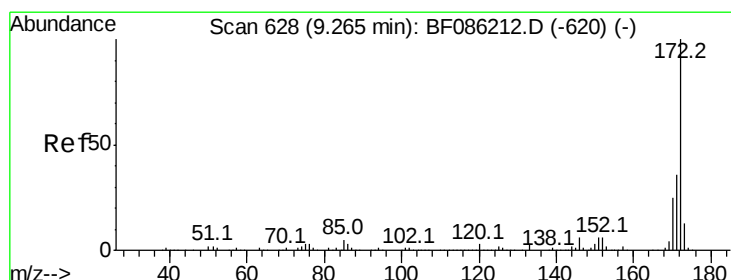
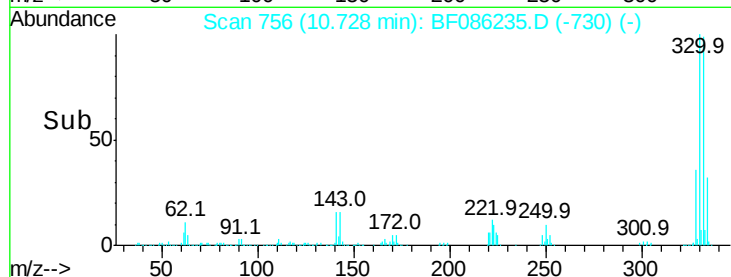
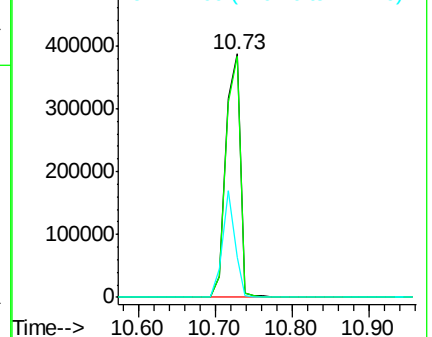
330 100

332 98.6 78.7 118.1

141 37.9 28.6 42.8



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: 91.23 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.00 min

Lab File: BF086235.D

Acq: 16 Apr 2016 00:03

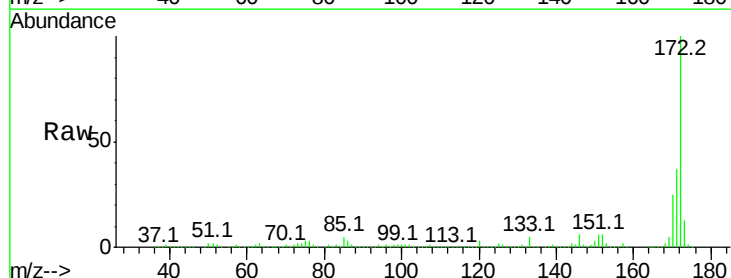
Tgt Ion:172 Resp: 2626357

Ion Ratio Lower Upper

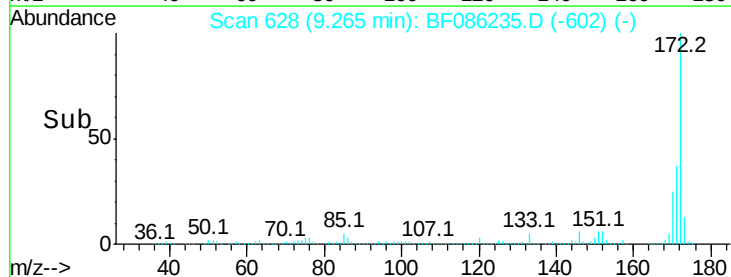
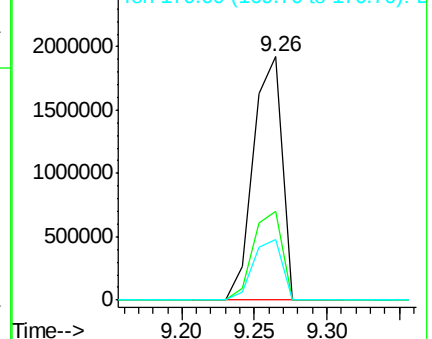
172 100

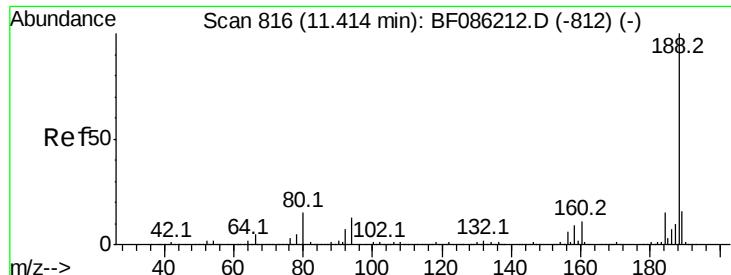
171 36.5 29.1 43.7

170 25.1 19.9 29.9



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

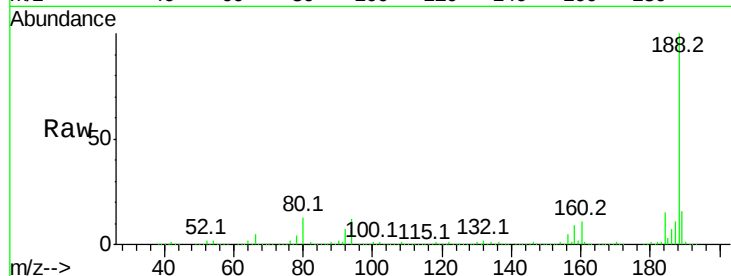




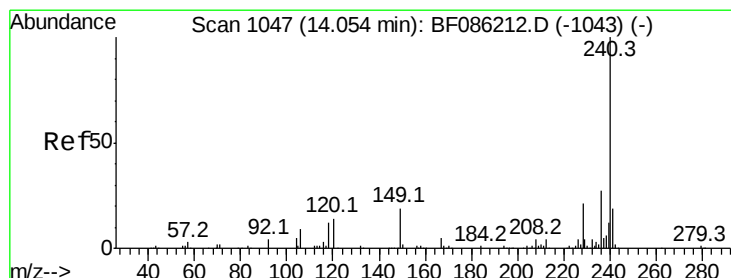
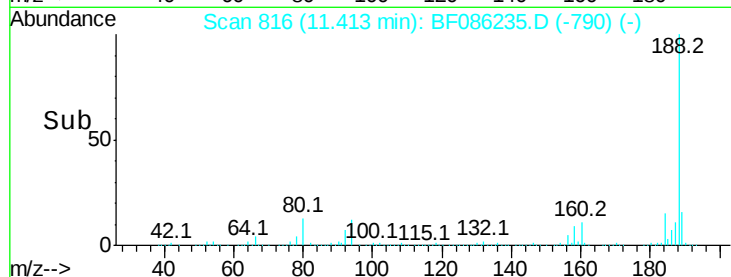
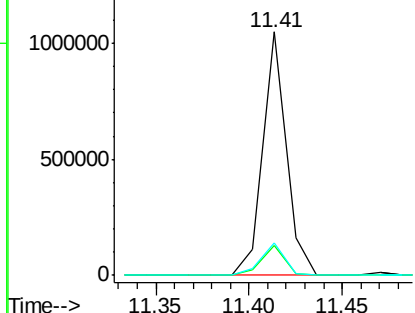
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF086235.D
Acq: 16 Apr 2016 00:03

Instrument :
BNA_F
ClientSampleId :
GW-04S-4-7-16

Tot Ion:188 Resp: 910280
Ion Ratio Lower Upper
188 100
94 12.4 9.8 14.8
80 13.3 10.5 15.7

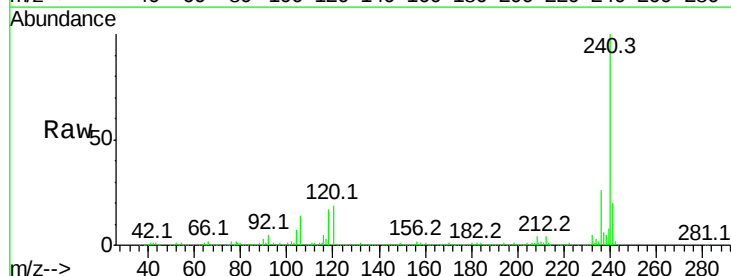


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

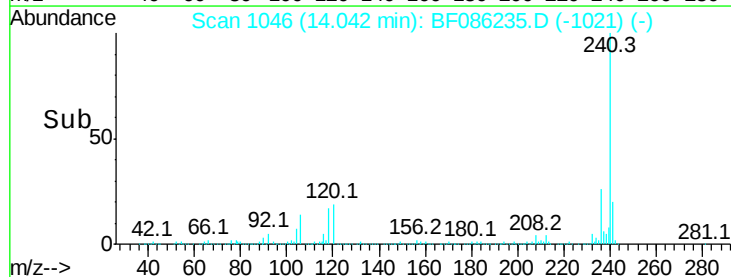
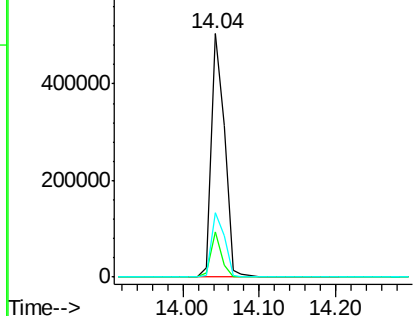


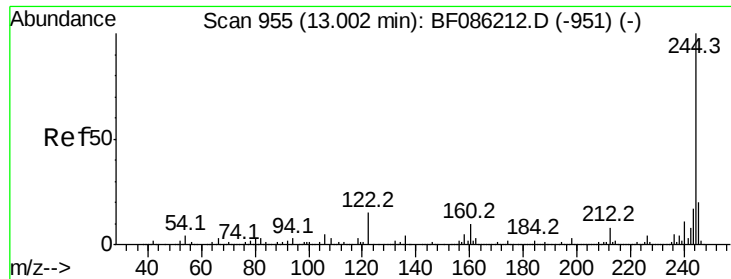
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF086235.D
Acq: 16 Apr 2016 00:03

Tgt Ion:240 Resp: 596389
Ion Ratio Lower Upper
240 100
120 18.7 9.3 13.9#
236 26.4 21.1 31.7



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

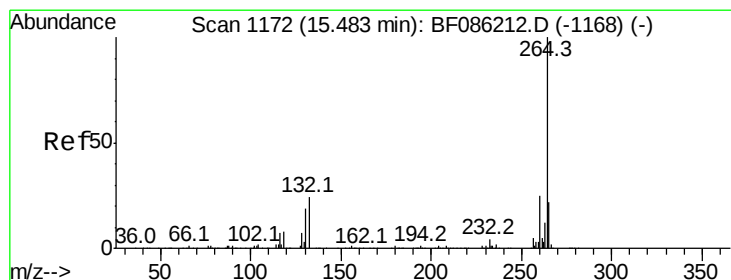
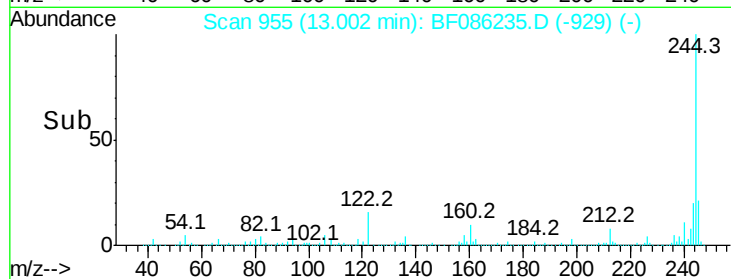
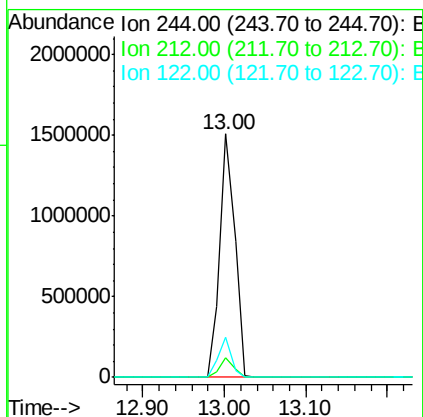
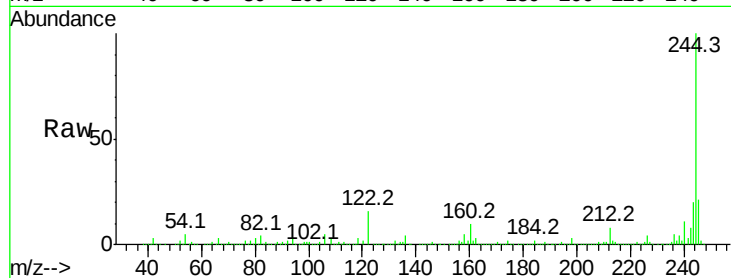




#78
 Terphenyl-d14
 Concen: 81.75 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF086235.D
 Acq: 16 Apr 2016 00:03

Instrument :
 BNA_F
 ClientSampleId :
 GW-04S-4-7-16

Tot Ion:244 Resp: 1938943
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.4 9.6
 122 16.5 11.7 17.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF086235.D
 Acq: 16 Apr 2016 00:03

Tgt Ion:264 Resp: 472107
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.0 30.0
 265 21.0 17.4 26.0

