

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
 Data File : BF083787.D
 Acq On : 14 Dec 2015 23:47
 Operator : UM/IZ
 Sample : G4779-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-23

Quant Time: Dec 15 03:07:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	121552	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	452781	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	234921	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	391376	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	318902	20.00	ng	-0.03
86) Perylene-d12	15.48	264	239029	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	460039	61.06	ng	-0.02
7) Phenol-d6	6.52	99	386311	40.49	ng	-0.02
23) Nitrobenzene-d5	7.46	82	635565	78.53	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	328207	137.11	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1297545	79.29	ng	-0.02
78) Terphenyl-d14	13.00	244	1163197	78.46	ng	-0.02

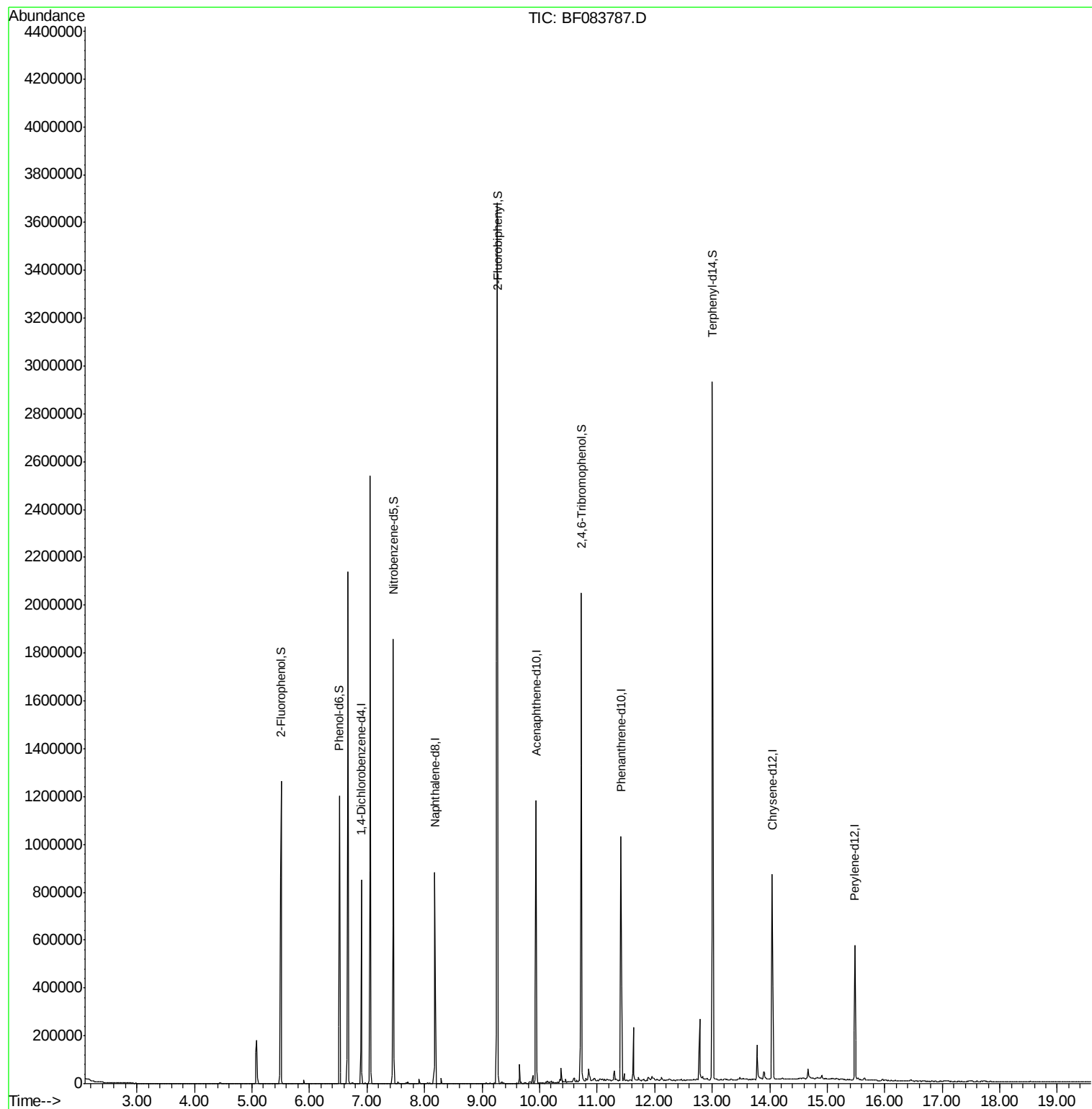
Target Compounds Qvalue

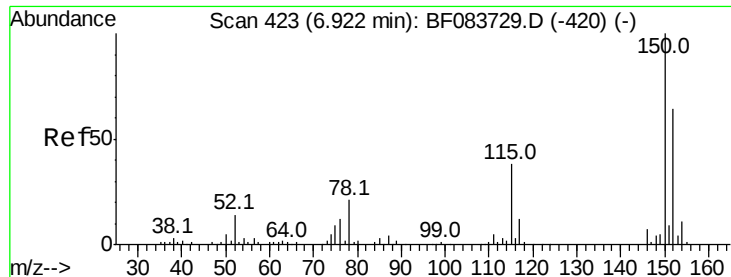
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
Data File : BF083787.D
Acq On : 14 Dec 2015 23:47
Operator : UM/IZ
Sample : G4779-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-23

Quant Time: Dec 15 03:07:06 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF083787.D

Acq: 14 Dec 2015 23:47

Instrument :

BNA_F

ClientSampleId :

W-23

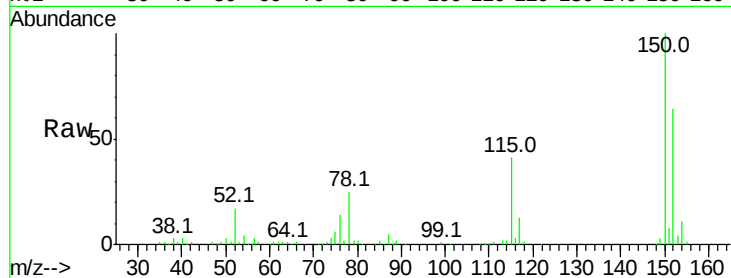
Tot Ion:152 Resp: 121552

Ion Ratio Lower Upper

152 100

150 155.1 126.5 189.7

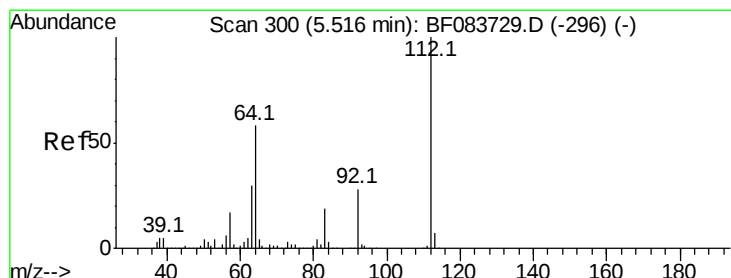
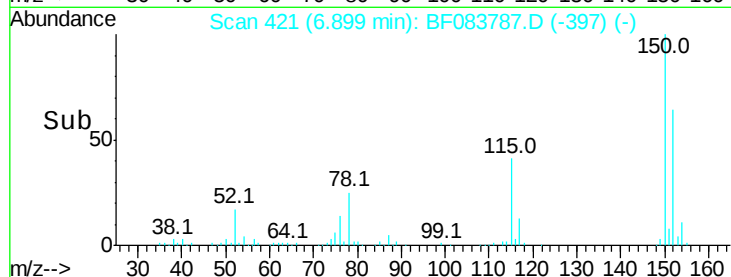
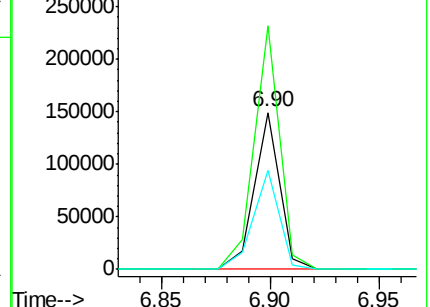
115 63.1 52.3 78.5



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: 61.06 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083787.D

Acq: 14 Dec 2015 23:47

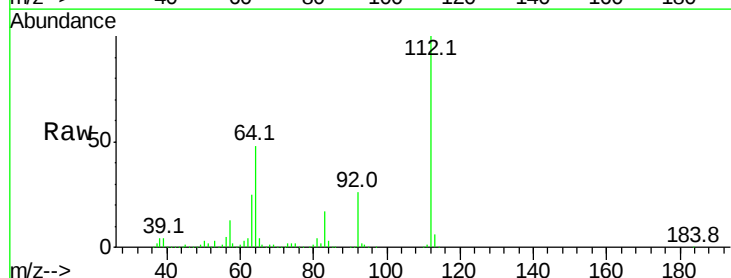
Tgt Ion:112 Resp: 460039

Ion Ratio Lower Upper

112 100

64 48.2 50.5 75.7#

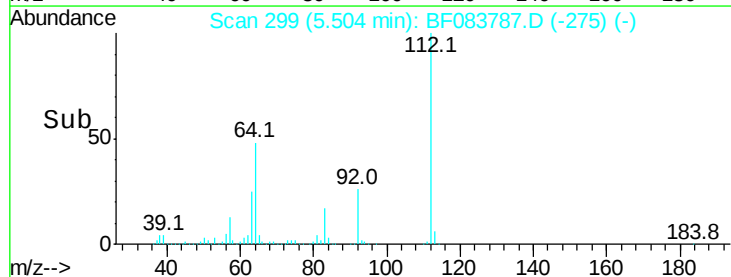
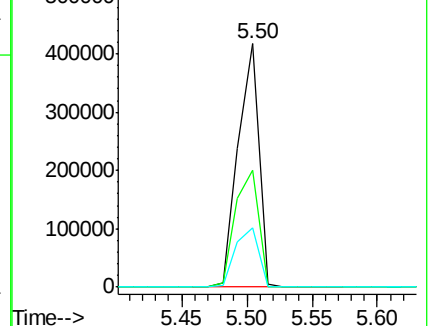
63 24.6 25.8 38.6#

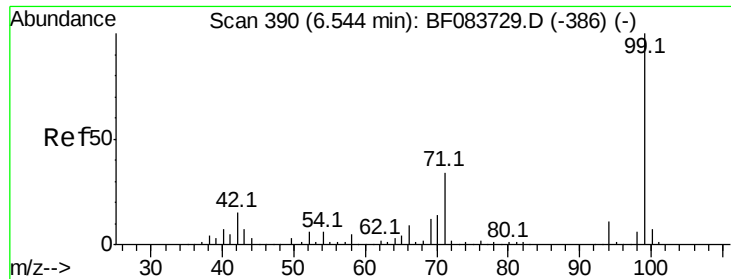


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.49 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083787.D

Acq: 14 Dec 2015 23:47

Instrument :

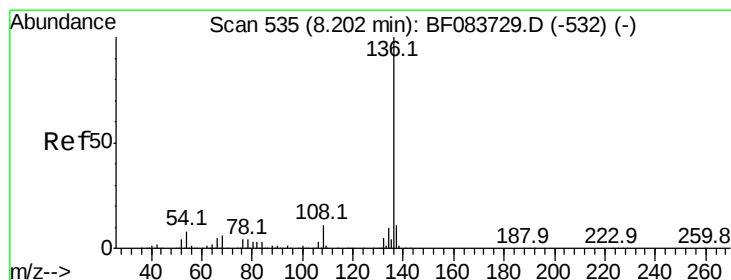
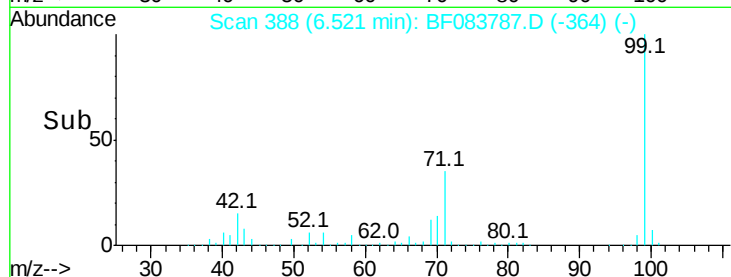
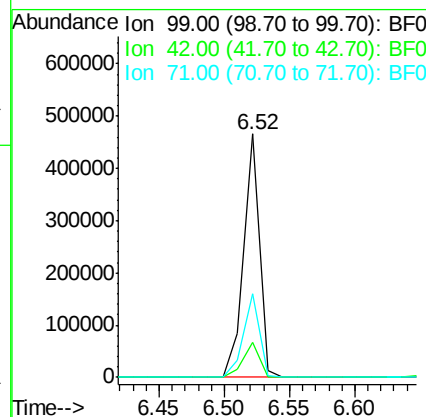
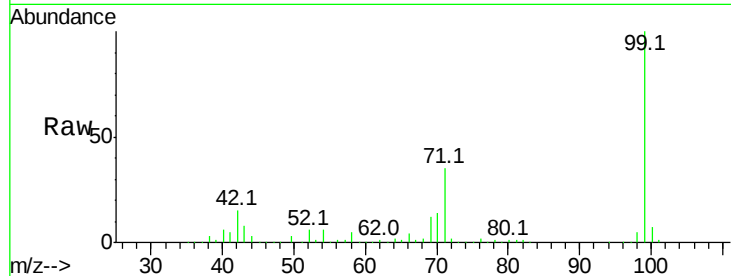
BNA_F

ClientSampleId :

W-23

Tot Ion: 99 Resp: 386311

Ion	Ratio	Lower	Upper
99	100		
42	14.6	17.3	25.9#
71	34.6	26.6	40.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

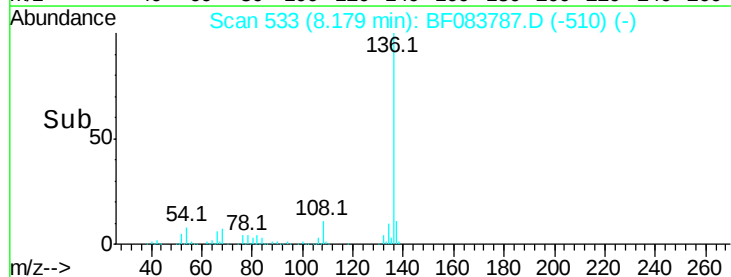
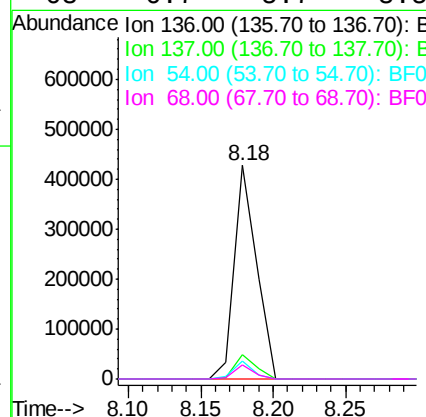
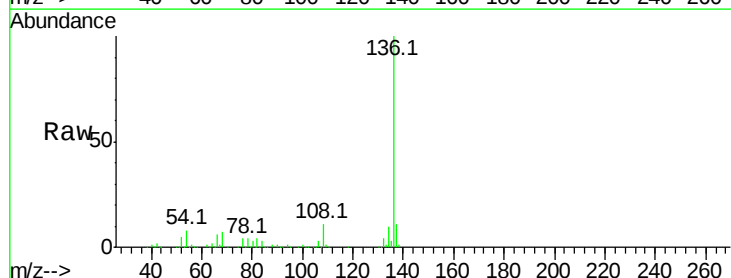
Delta R.T. -0.03 min

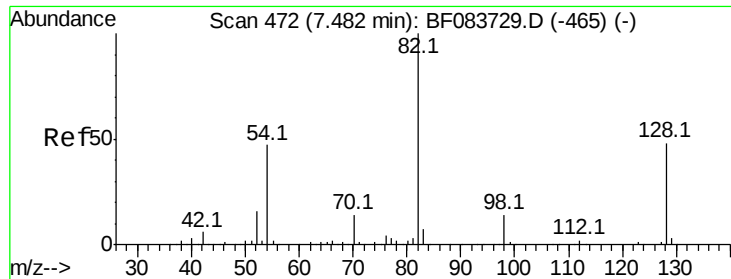
Lab File: BF083787.D

Acq: 14 Dec 2015 23:47

Tgt Ion: 136 Resp: 452781

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	8.3	7.8	11.6
68	6.7	5.7	8.5

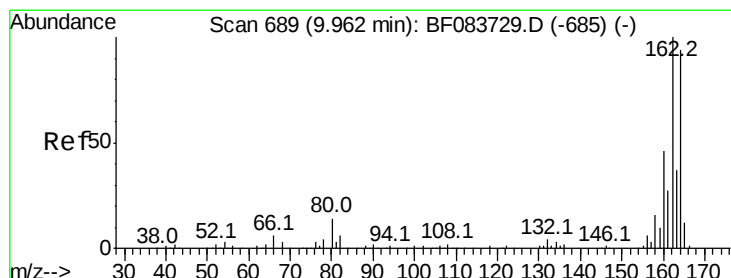
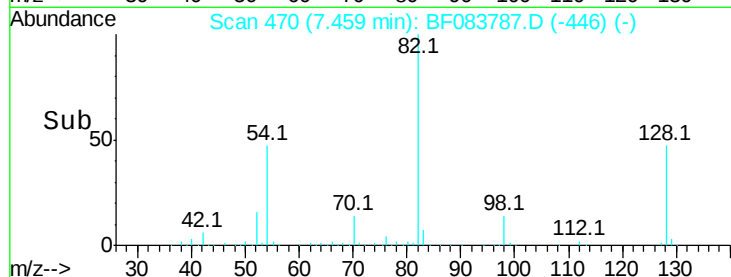
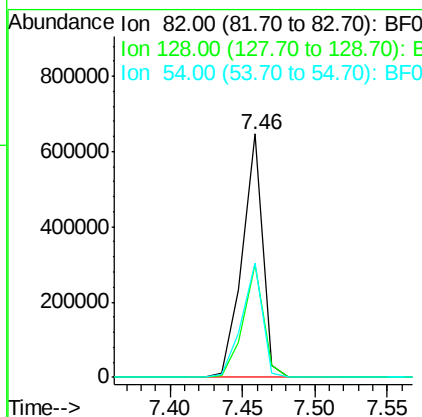
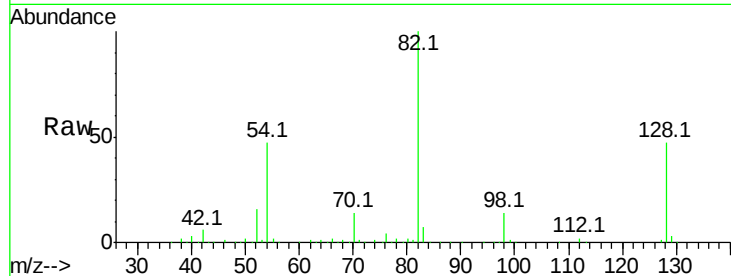




#23
 Nitrobenzene-d5
 Concen: 78.53 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083787.D
 Acq: 14 Dec 2015 23:47

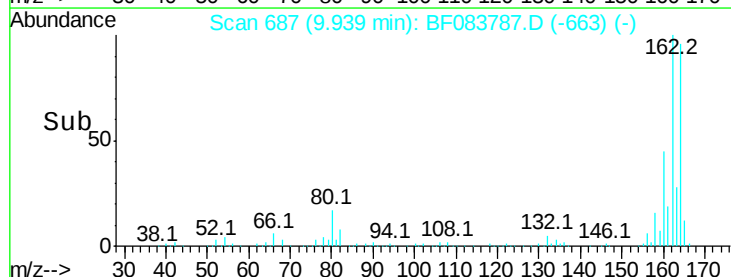
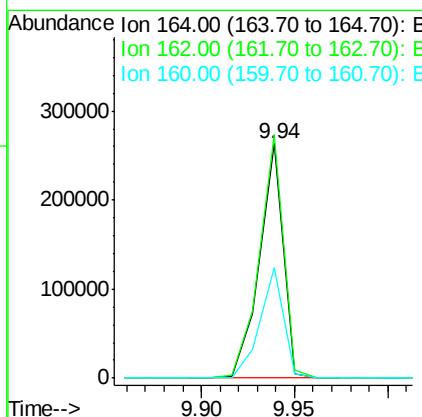
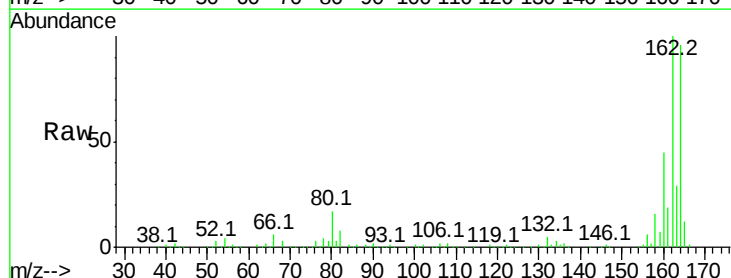
Instrument :
 BNA_F
 ClientSampled :
 W-23

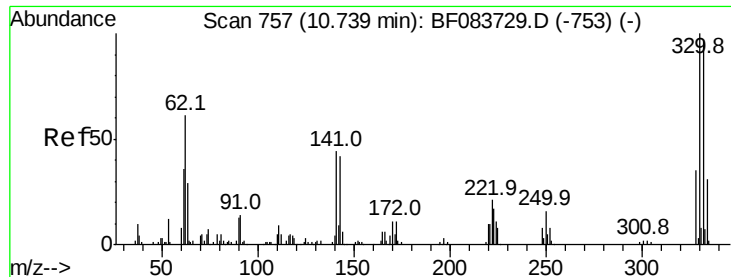
Tot Ion	82	Resp	635565
Ion Ratio	100	Lower	Upper
128	46.6	30.7	46.1#
54	46.8	42.5	63.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF083787.D
 Acq: 14 Dec 2015 23:47

Tgt Ion	164	Resp	234921
Ion Ratio	100	Lower	Upper
162	103.9	78.8	118.2
160	47.1	33.4	50.2

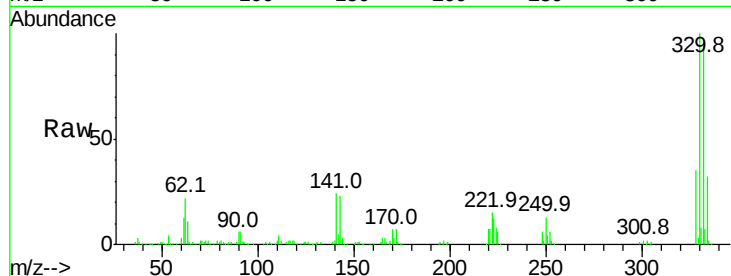




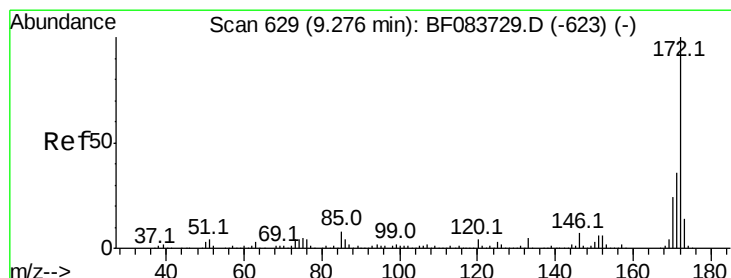
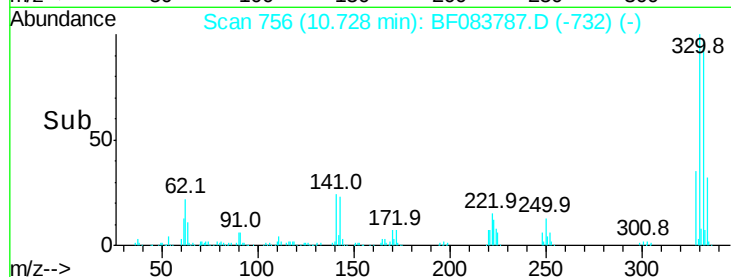
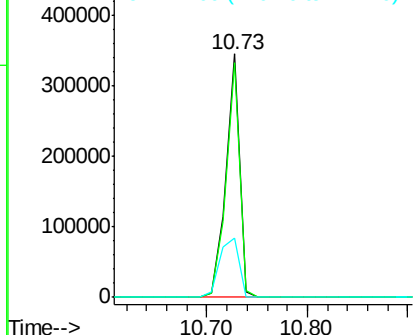
#41
 2,4,6-Tribromophenol
 Concen: 137.11 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083787.D
 Acq: 14 Dec 2015 23:47

Instrument :
 BNA_F
 ClientSampleId :
 W-23

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	34.5	0.0	0.0#

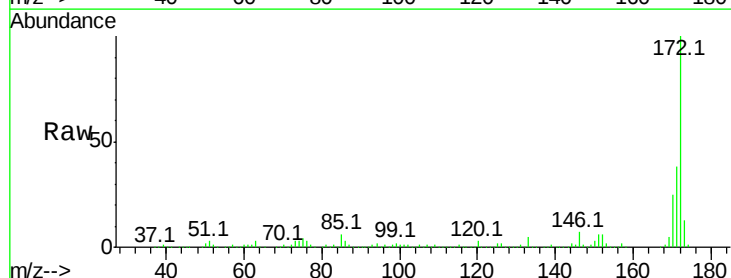


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

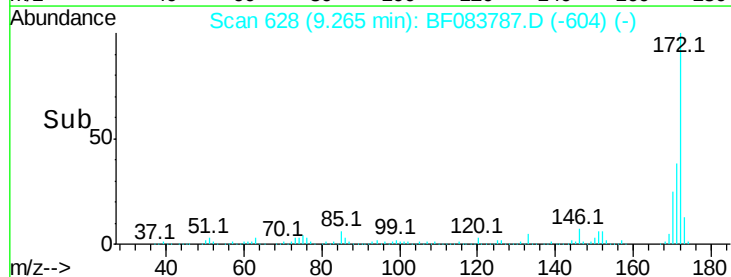
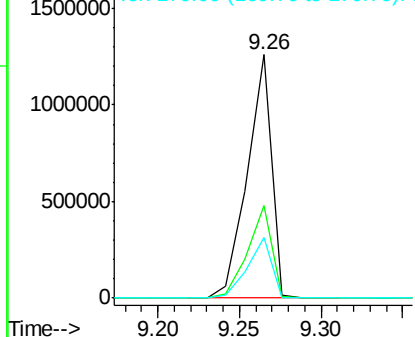


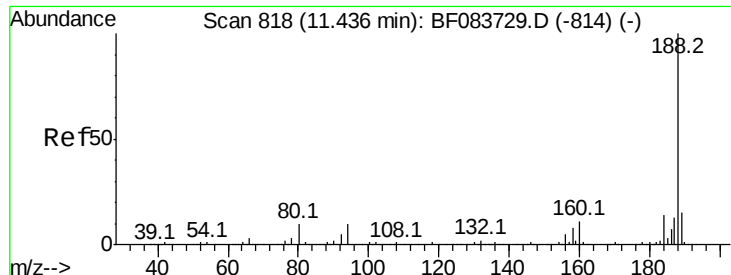
#44
 2-Fluorobiphenyl
 Concen: 79.29 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083787.D
 Acq: 14 Dec 2015 23:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	28.6	42.8
170	25.0	19.4	29.0



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

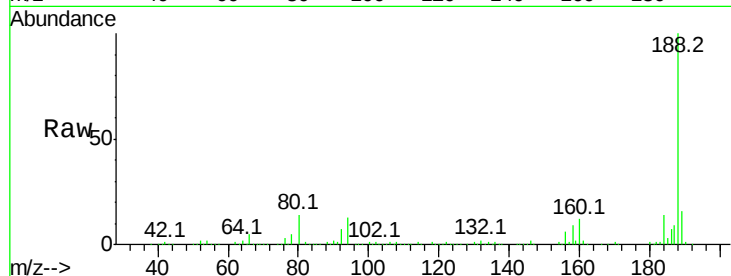




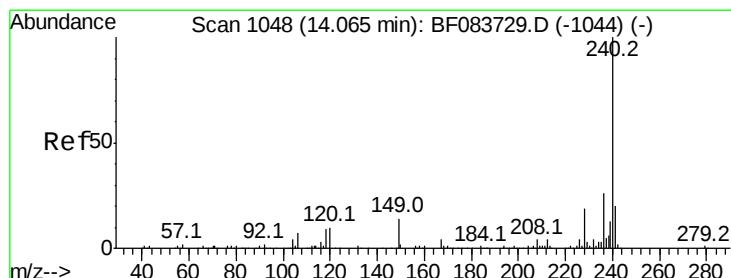
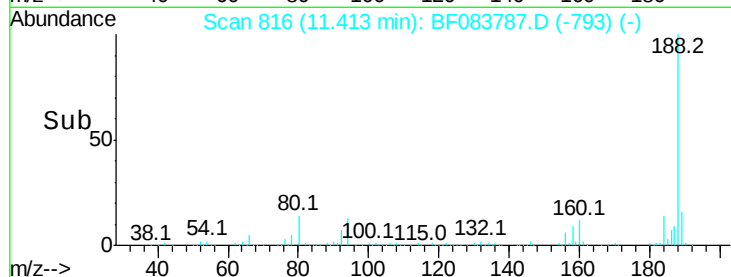
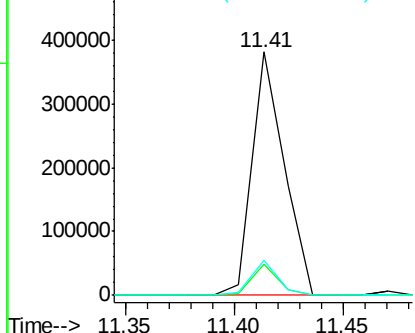
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF083787.D
 Acq: 14 Dec 2015 23:47

Instrument :
 BNA_F
 ClientSampled :
 W-23

Tot Ion:188 Resp: 391376
 Ion Ratio Lower Upper
 188 100
 94 13.0 9.4 14.2
 80 14.4 10.6 16.0

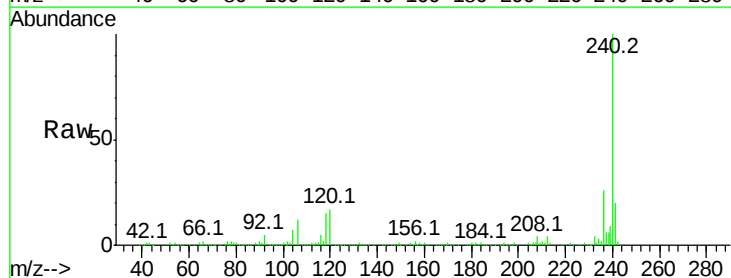


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

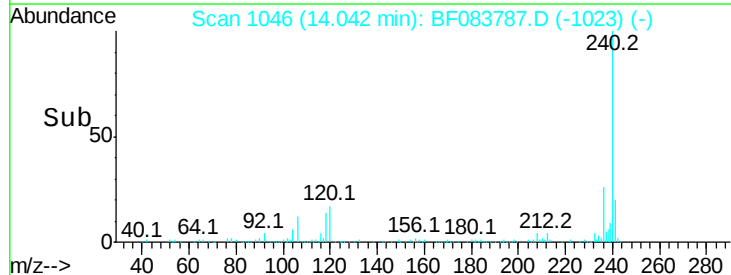
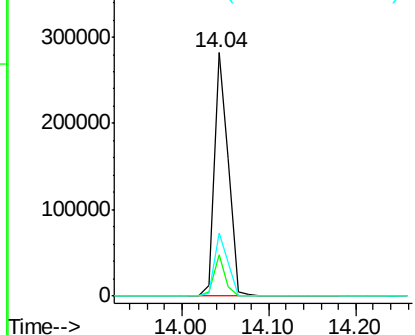


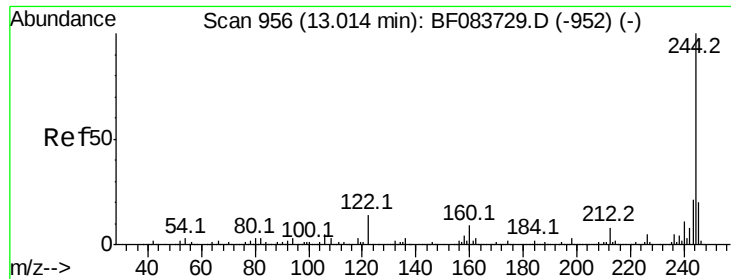
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF083787.D
 Acq: 14 Dec 2015 23:47

Tgt Ion:240 Resp: 318902
 Ion Ratio Lower Upper
 240 100
 120 17.0 8.1 12.1#
 236 26.1 20.8 31.2



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

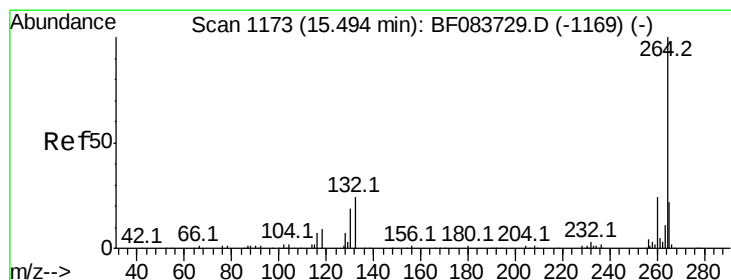
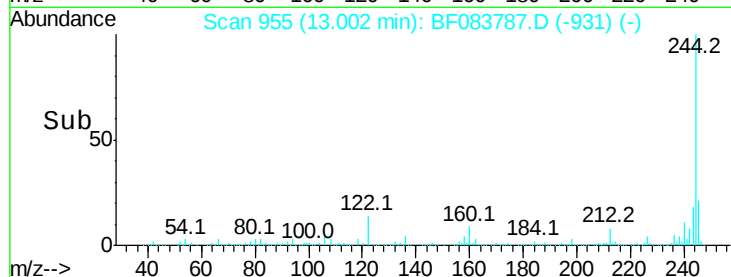
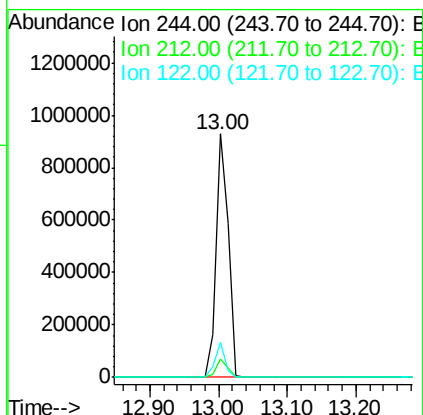
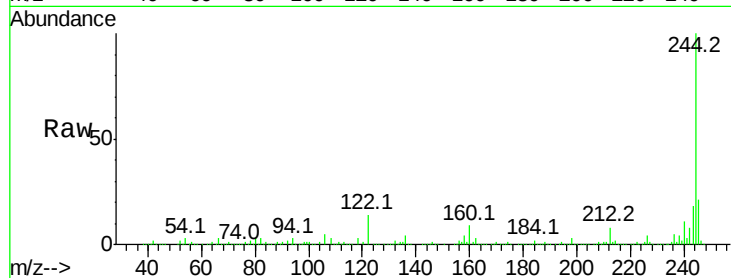




#78
 Terphenyl-d14
 Concen: 78.46 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083787.D
 Acq: 14 Dec 2015 23:47

Instrument :
 BNA_F
 ClientSampleId :
 W-23

Tot Ion:244 Resp: 1163197
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 14.2 11.0 16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF083787.D
 Acq: 14 Dec 2015 23:47

Tgt Ion:264 Resp: 239029
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.0
 265 21.7 17.8 26.6

