

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
 Data File : BF083788.D
 Acq On : 15 Dec 2015 00:16
 Operator : UM/IZ
 Sample : G4779-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-33

Quant Time: Dec 15 03:29:51 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	118230	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	438392	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	234831	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	405100	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	361344	20.00	ng	-0.03
86) Perylene-d12	15.48	264	271909	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	444764	60.69	ng	-0.02
7) Phenol-d6	6.52	99	363483	39.16	ng	-0.02
23) Nitrobenzene-d5	7.46	82	604864	77.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	337075	140.87	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1268212	76.87	ng	-0.02
78) Terphenyl-d14	13.00	244	1273332	75.80	ng	-0.02

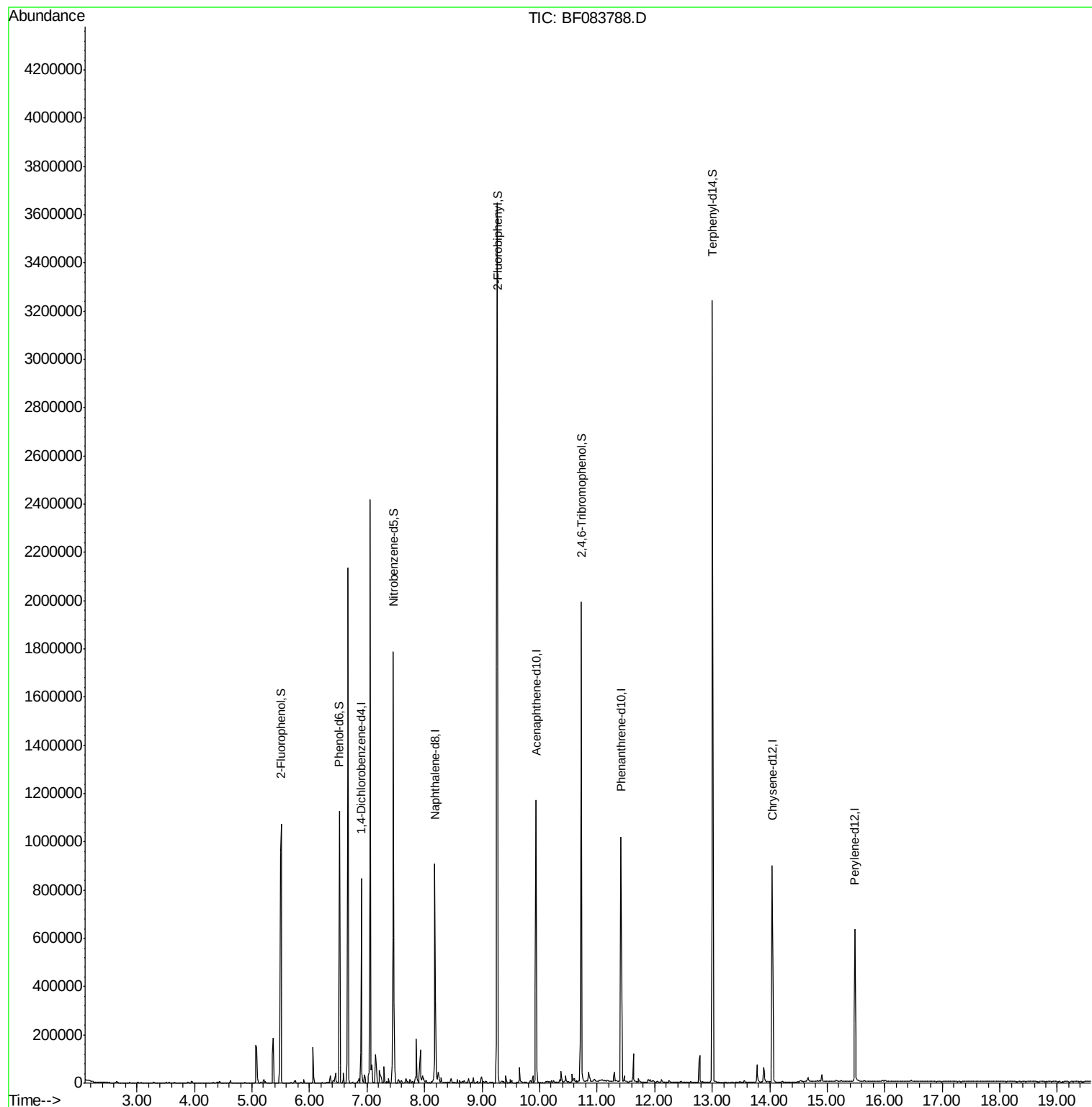
Target Compounds Qvalue

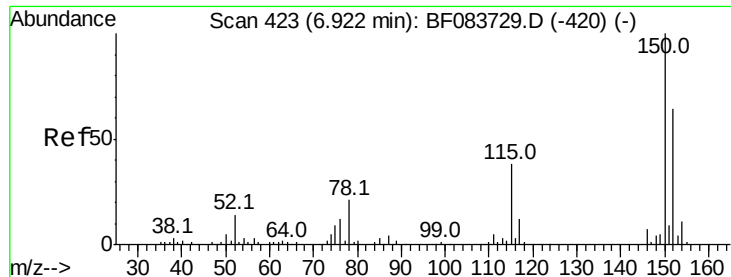
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF083788.D

Acq: 15 Dec 2015 00:16

Instrument :

BNA_F

ClientSampleId :

W-33

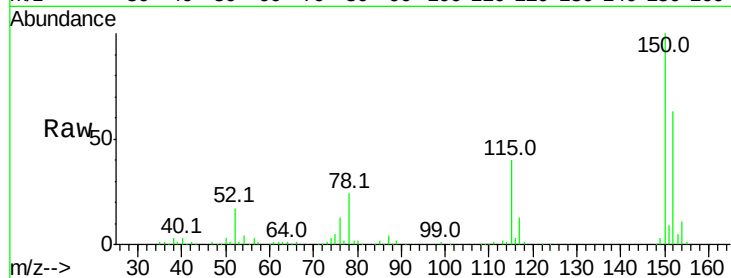
Tot Ion:152 Resp: 118230

Ion Ratio Lower Upper

152 100

150 158.6 126.5 189.7

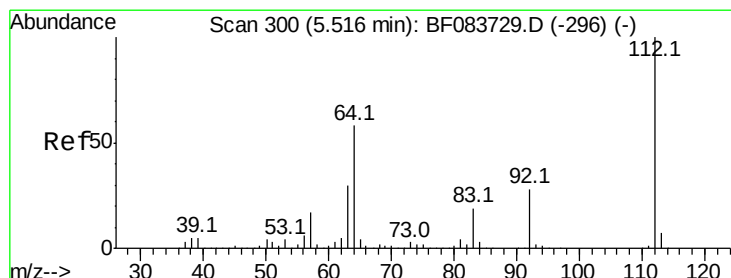
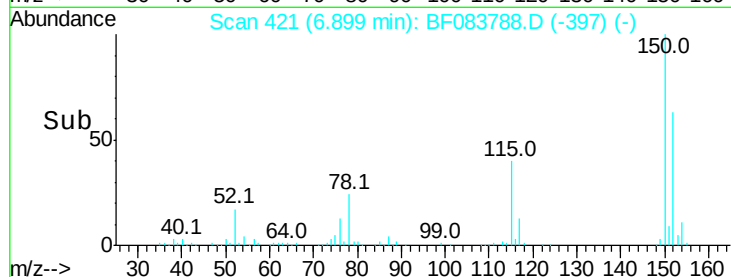
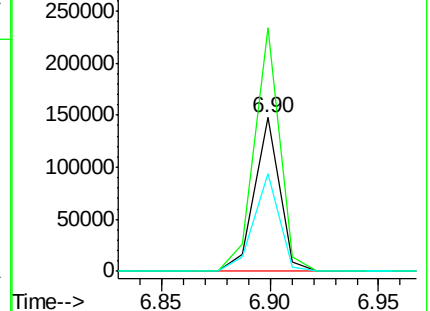
115 63.5 52.3 78.5



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: 60.69 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083788.D

Acq: 15 Dec 2015 00:16

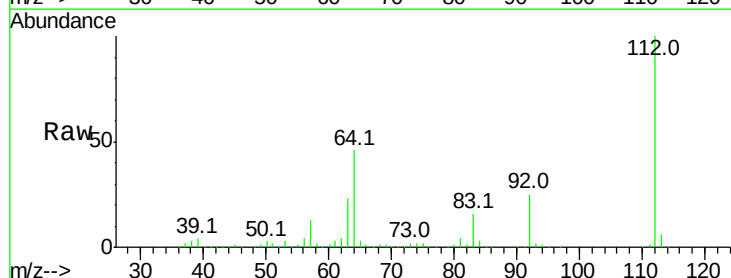
Tgt Ion:112 Resp: 444764

Ion Ratio Lower Upper

112 100

64 45.5 50.5 75.7#

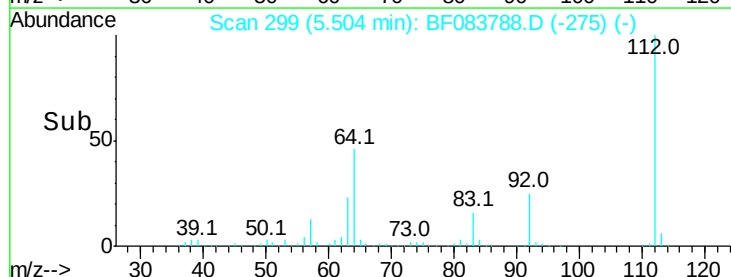
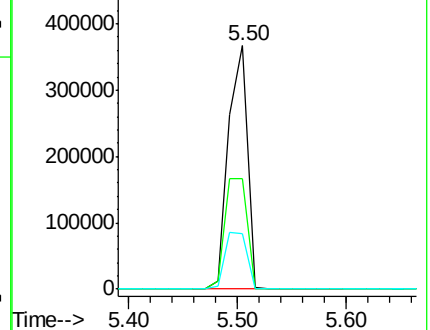
63 23.0 25.8 38.6#

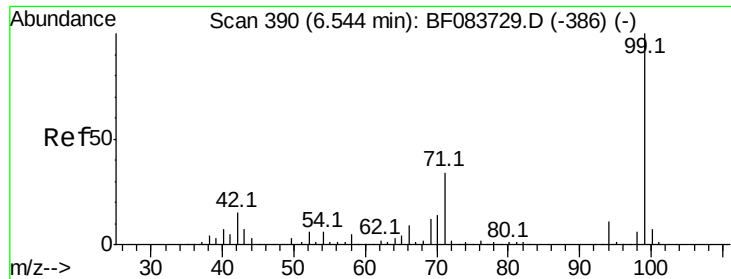


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.16 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083788.D

Acq: 15 Dec 2015 00:16

Instrument :

BNA_F

ClientSampleId :

W-33

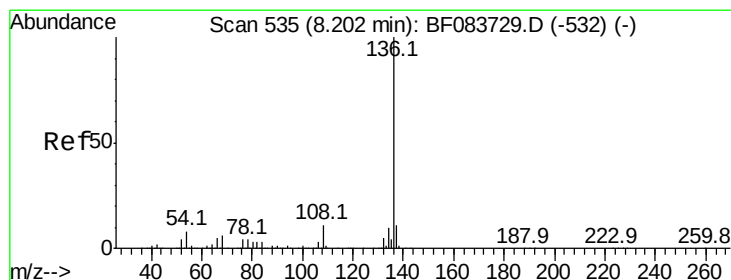
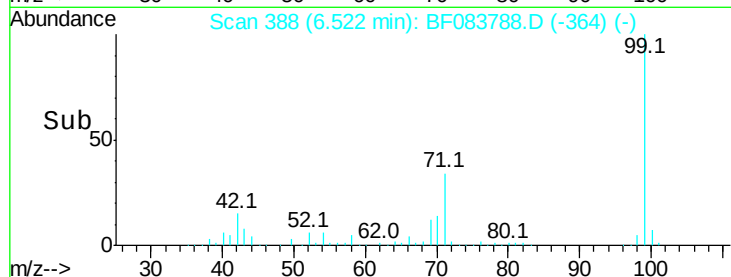
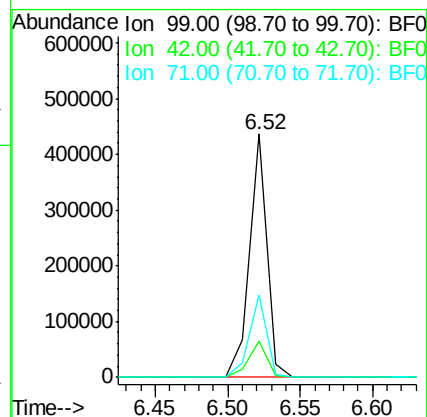
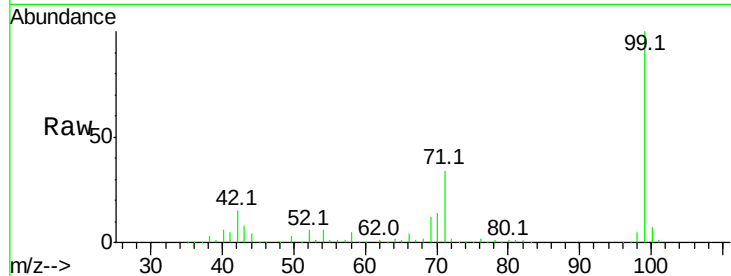
Tot Ion: 99 Resp: 363483

Ion Ratio Lower Upper

99 100

42 15.0 17.3 25.9#

71 33.6 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: BF083788.D

Acq: 15 Dec 2015 00:16

Tgt Ion: 136 Resp: 438392

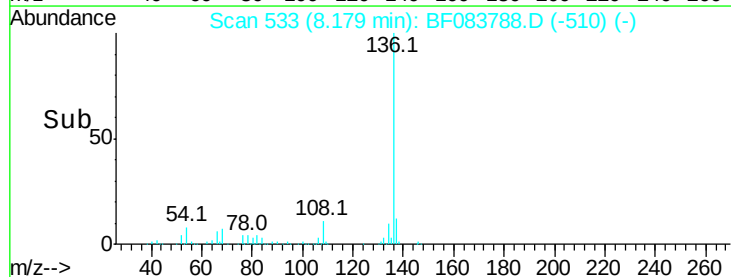
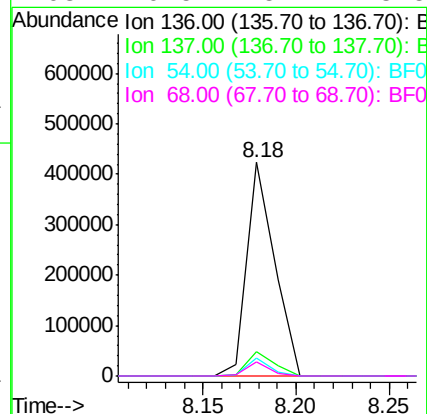
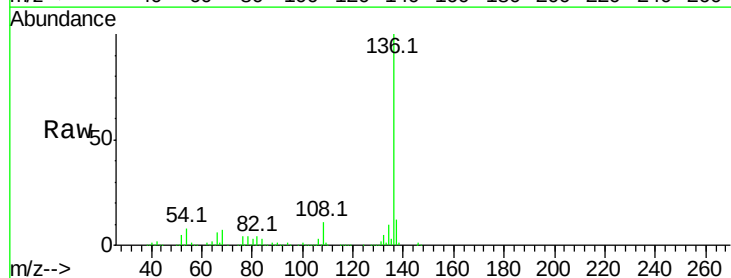
Ion Ratio Lower Upper

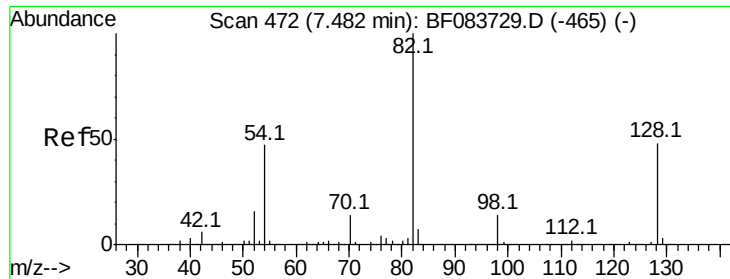
136 100

137 11.5 8.7 13.1

54 8.3 7.8 11.6

68 6.5 5.7 8.5

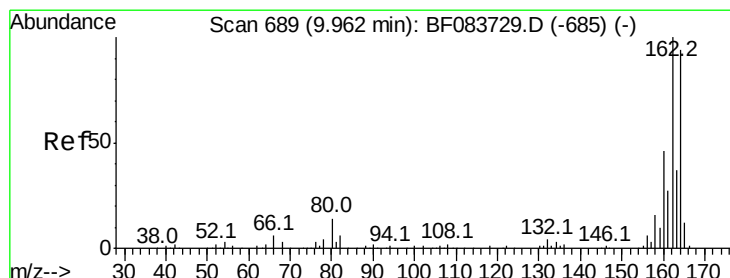
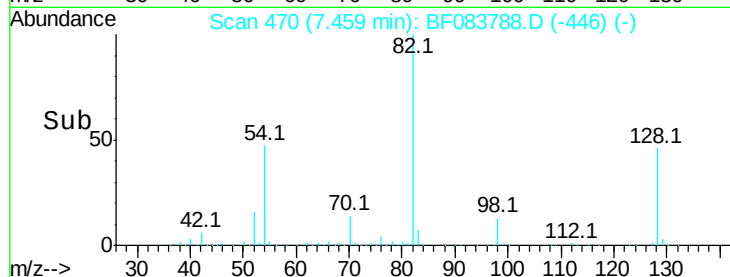
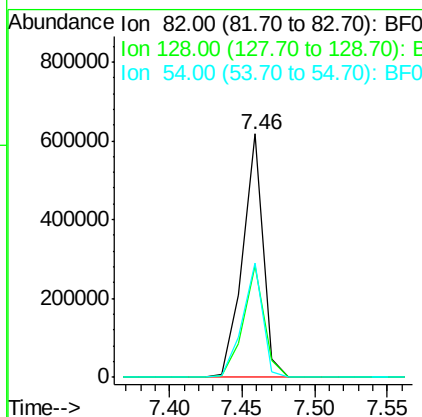
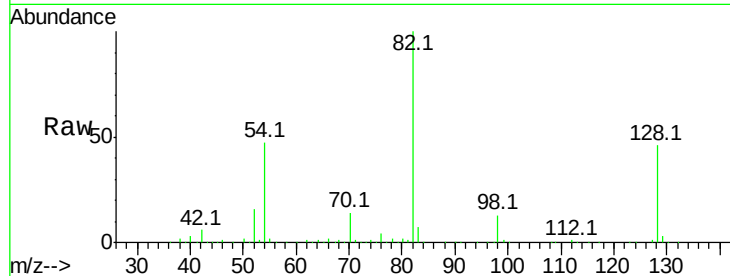




#23
 Nitrobenzene-d5
 Concen: 77.19 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083788.D
 Acq: 15 Dec 2015 00:16

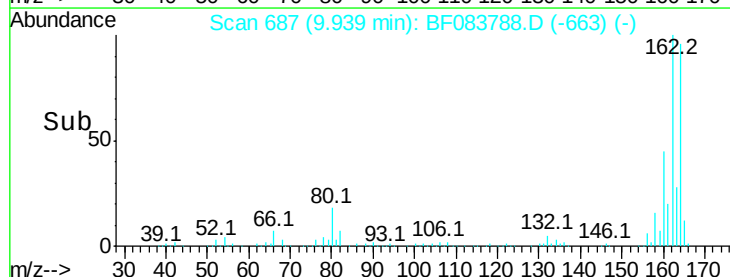
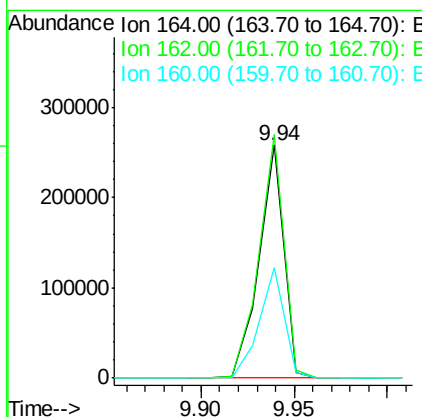
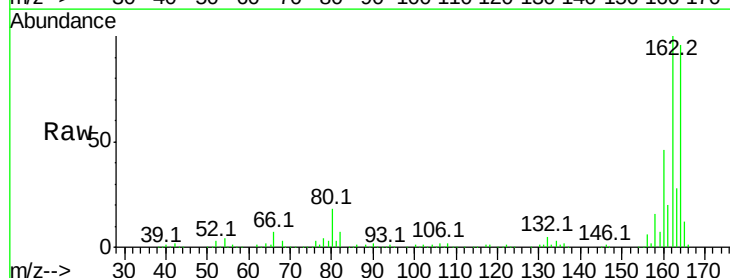
Instrument :
 BNA_F
 ClientSampleId :
 W-33

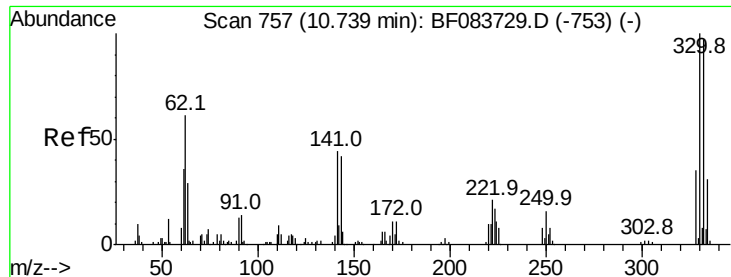
Tot Ion: 82 Resp: 604864
 Ion Ratio Lower Upper
 82 100
 128 45.9 30.7 46.1
 54 47.1 42.5 63.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF083788.D
 Acq: 15 Dec 2015 00:16

Tgt Ion:164 Resp: 234831
 Ion Ratio Lower Upper
 164 100
 162 104.6 78.8 118.2
 160 47.7 33.4 50.2

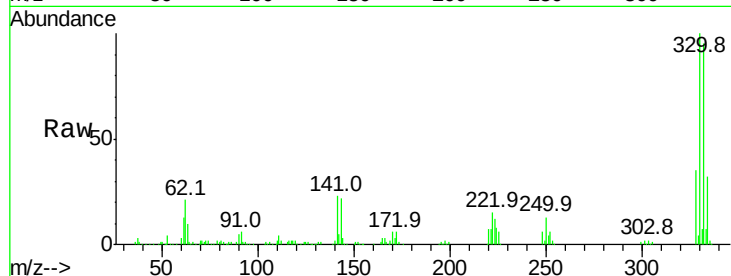




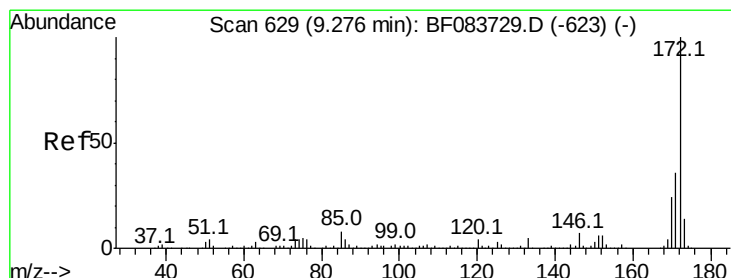
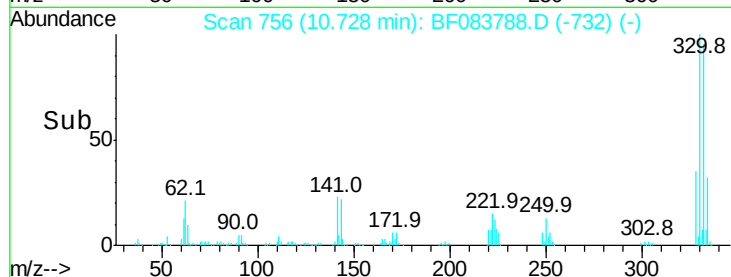
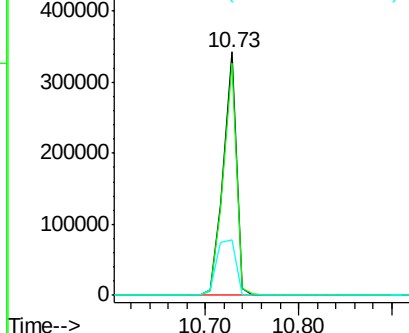
#41
 2,4,6-Tribromophenol
 Concen: 140.87 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083788.D
 Acq: 15 Dec 2015 00:16

Instrument :
 BNA_F
 ClientSampleId :
 W-33

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	33.2	0.0	0.0#

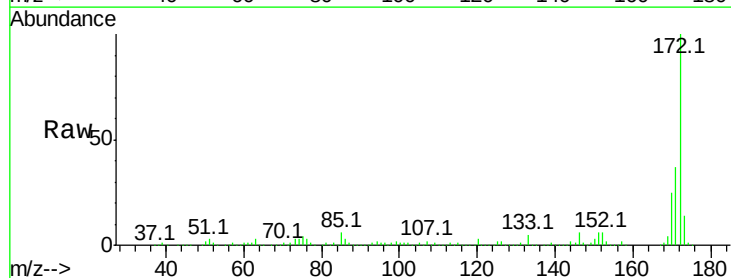


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

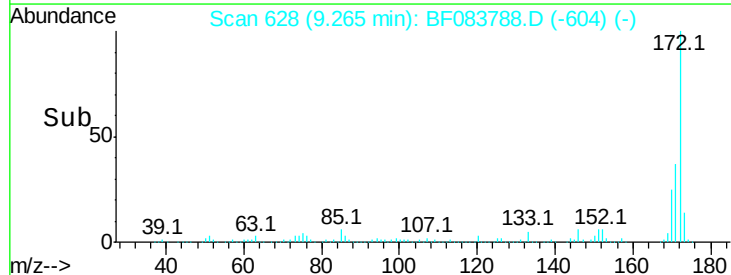
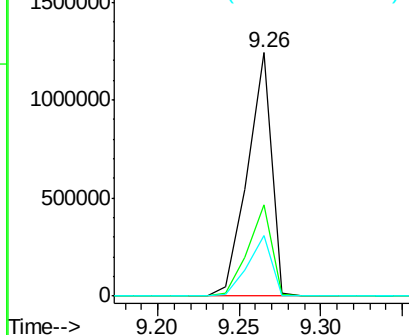


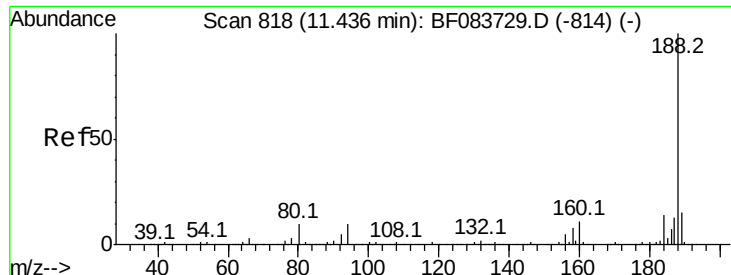
#44
 2-Fluorobiphenyl
 Concen: 76.87 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083788.D
 Acq: 15 Dec 2015 00:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	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

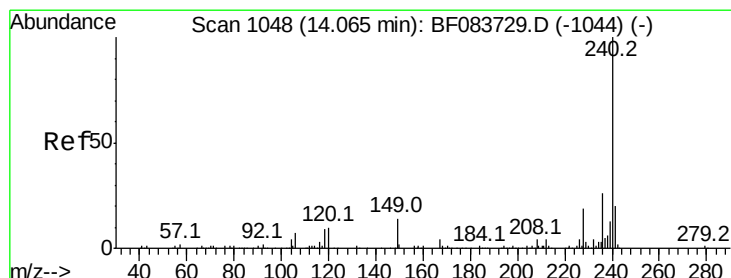
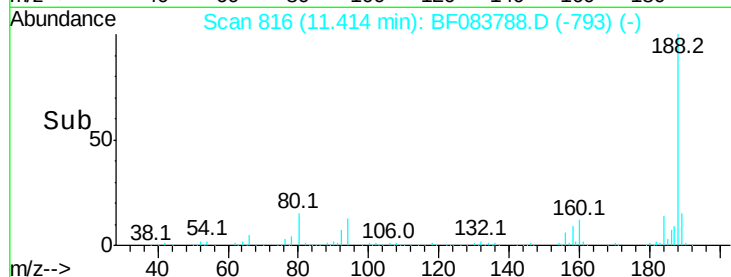
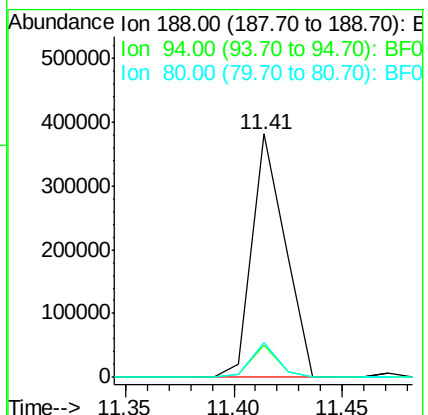
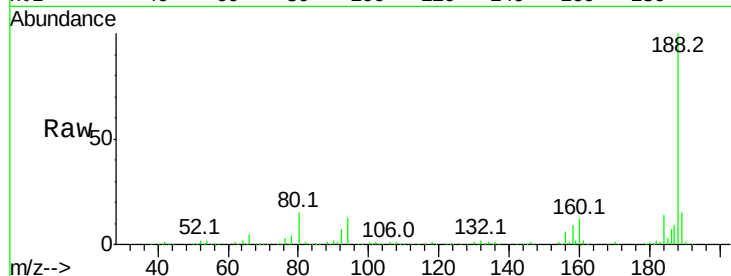




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF083788.D
Acq: 15 Dec 2015 00:16

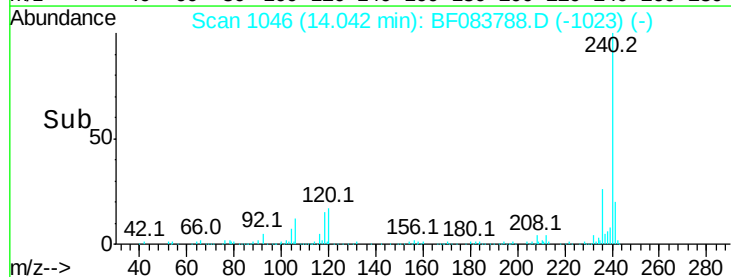
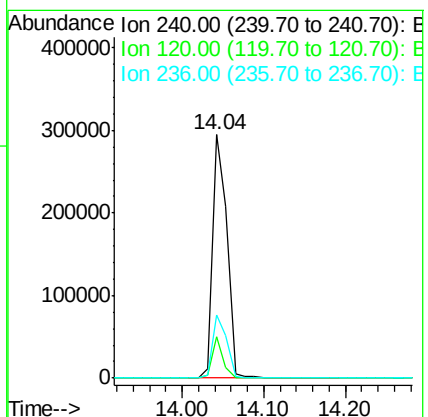
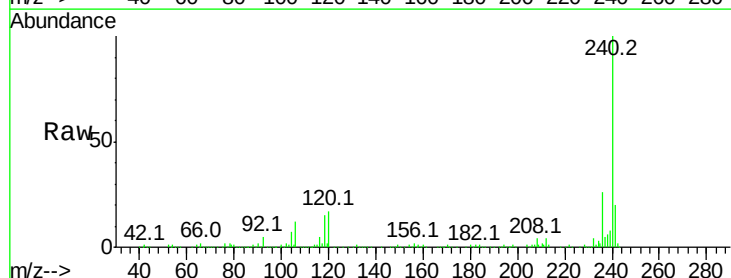
Instrument :
BNA_F
ClientSampled :
W-33

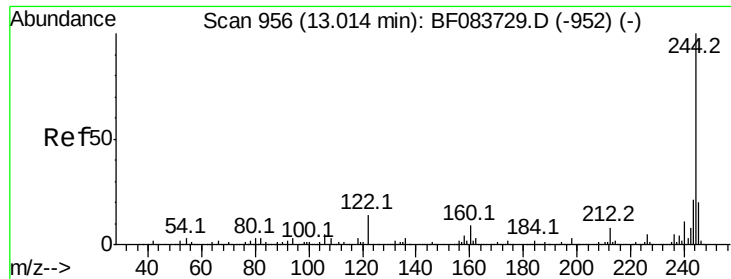
Tot Ion:188 Resp: 405100
Ion Ratio Lower Upper
188 100
94 13.3 9.4 14.2
80 14.5 10.6 16.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BF083788.D
Acq: 15 Dec 2015 00:16

Tgt Ion:240 Resp: 361344
Ion Ratio Lower Upper
240 100
120 17.1 8.1 12.1#
236 25.9 20.8 31.2

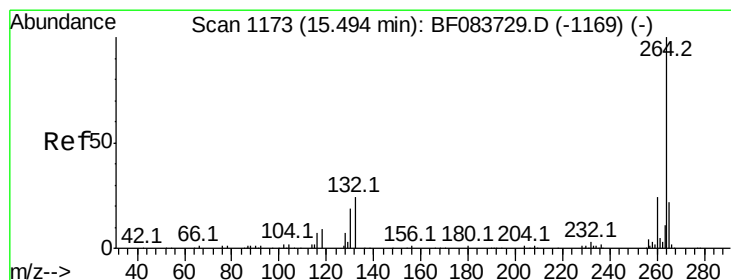
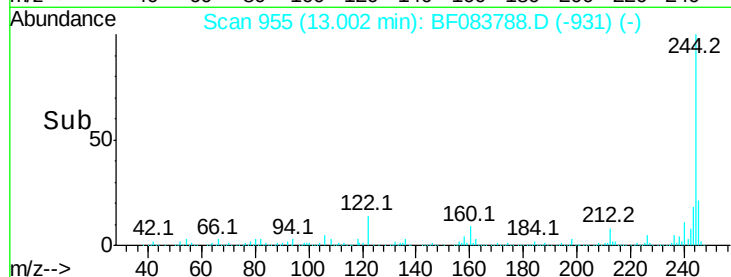
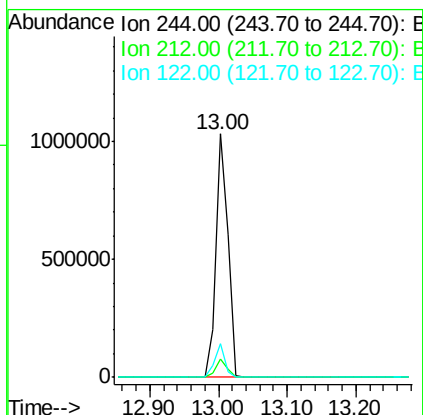
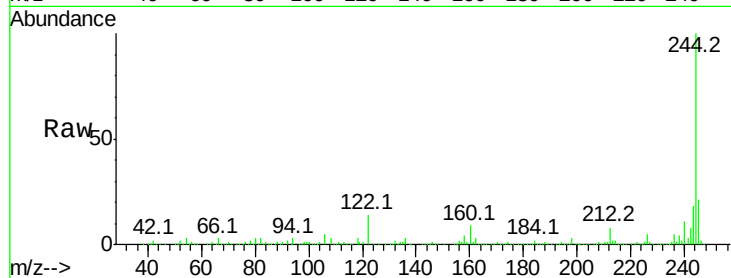




#78
 Terphenyl-d14
 Concen: 75.80 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083788.D
 Acq: 15 Dec 2015 00:16

Instrument :
 BNA_F
 ClientSampleId :
 W-33

Tot Ion:244 Resp: 1273332
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 13.7 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: BF083788.D
 Acq: 15 Dec 2015 00:16

Tgt Ion:264 Resp: 271909
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.0
 265 21.0 17.8 26.6

