

Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
 Data File : BF083833.D
 Acq On : 16 Dec 2015 00:27
 Operator : UM/IZ
 Sample : G4782-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-U-M

Quant Time: Dec 16 05:32:36 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	94263	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	373992	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	150805	20.00	ng	-0.02
63) Phenanthrene-d10	11.42	188	249799	20.00	ng	-0.02
75) Chrysene-d12	14.05	240	201900	20.00	ng	-0.02
86) Perylene-d12	15.49	264	141736	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	255321	43.70	ng	-0.02
7) Phenol-d6	6.52	99	211832	28.63	ng	-0.02
23) Nitrobenzene-d5	7.46	82	542849	81.21	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	126173	82.11	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	933087	93.56	ng	-0.02
78) Terphenyl-d14	13.00	244	734611	78.27	ng	-0.02

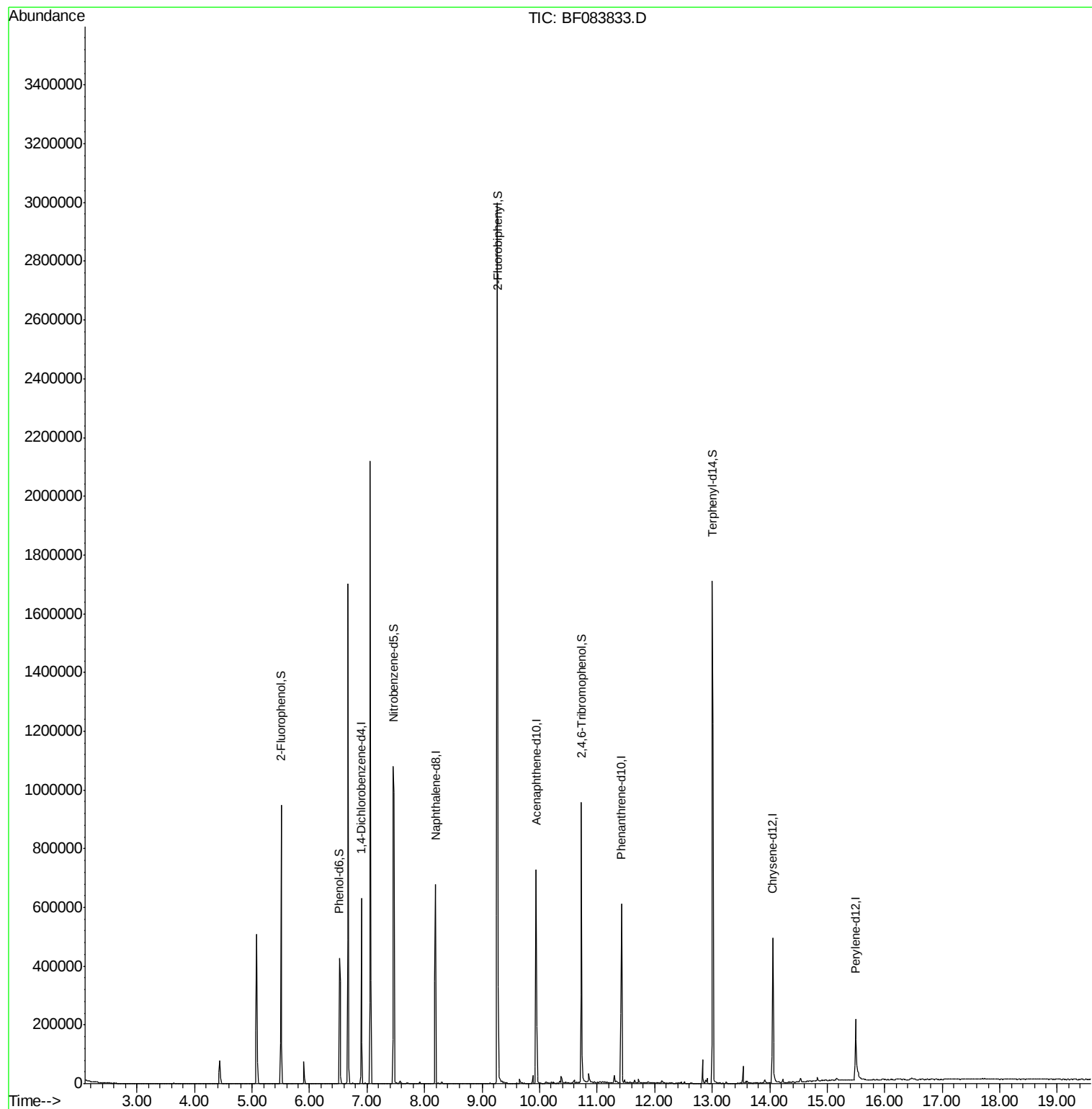
Target Compounds Qvalue

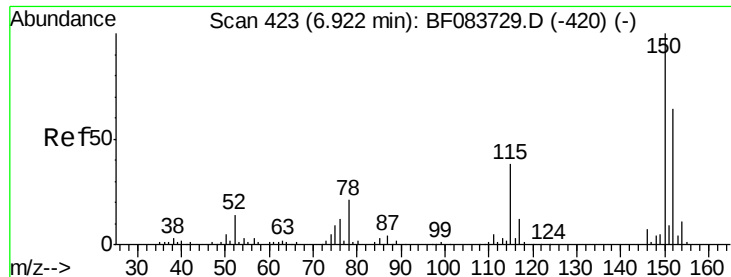
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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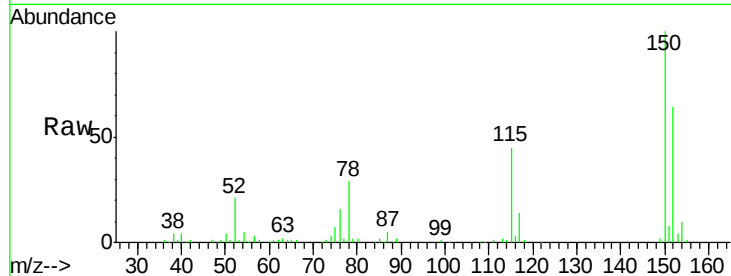


#1

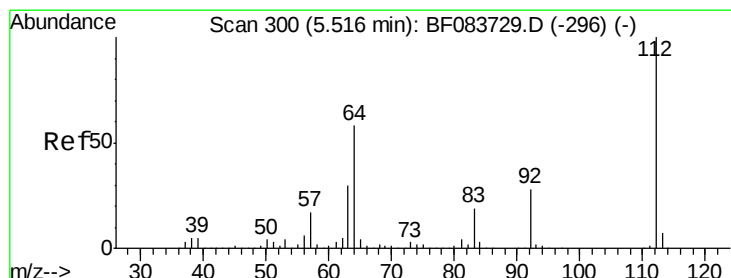
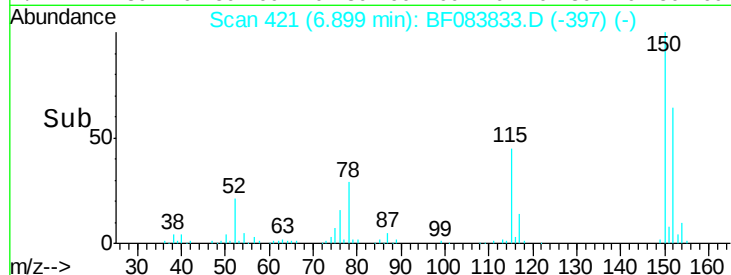
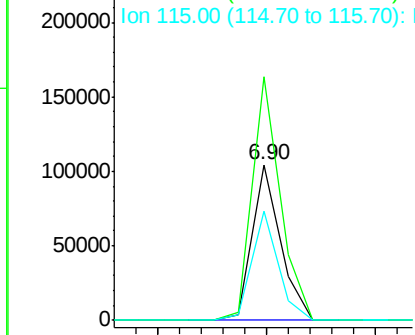
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF083833.D
Acq: 16 Dec 2015 00:27

Instrument :
BNA_F
ClientSampleId :
121115-D534-F-U-M

Tot Ion:152 Resp: 94263
Ion Ratio Lower Upper
152 100
150 156.1 126.5 189.7
115 69.6 52.3 78.5



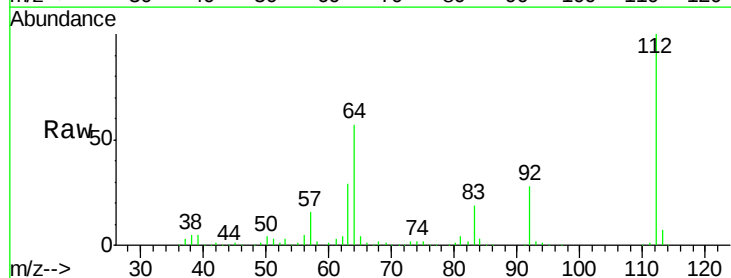
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



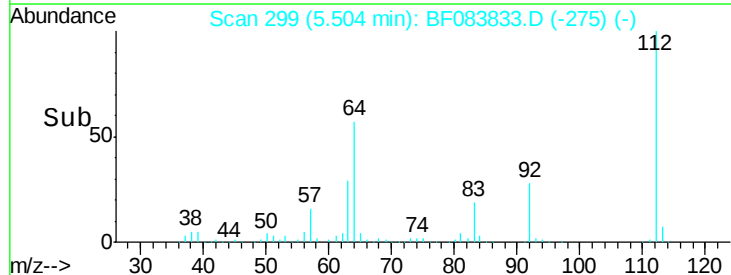
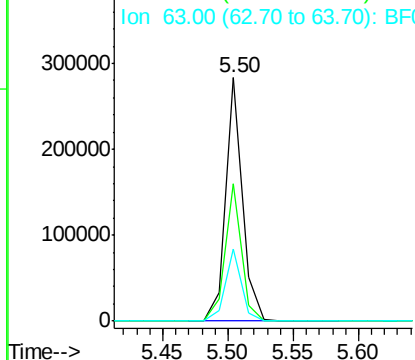
#5

2-Fluorophenol
Concen: 43.70 ng
RT: 5.50 min Scan# 299
Delta R.T. -0.02 min
Lab File: BF083833.D
Acq: 16 Dec 2015 00:27

Tgt Ion:112 Resp: 255321
Ion Ratio Lower Upper
112 100
64 56.6 50.5 75.7
63 29.4 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: 28.63 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083833.D

Acq: 16 Dec 2015 00:27

Instrument :

BNA_F

ClientSampleId :

121115-D534-F-U-M

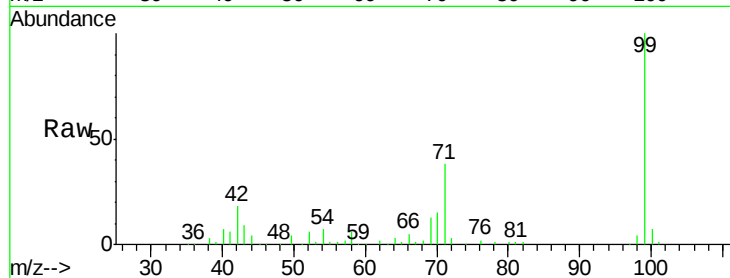
Tot Ion: 99 Resp: 211832

Ion Ratio Lower Upper

99 100

42 17.7 17.3 25.9

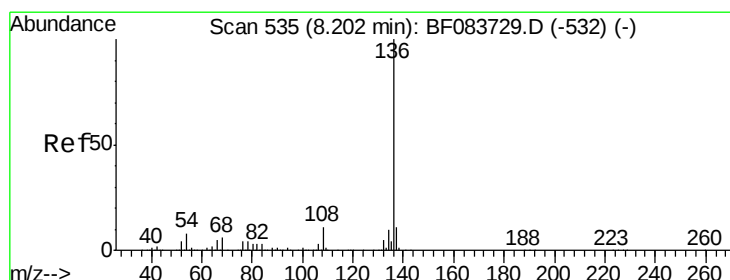
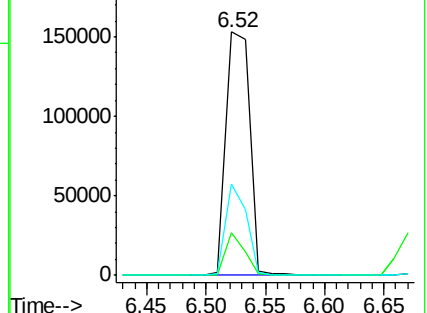
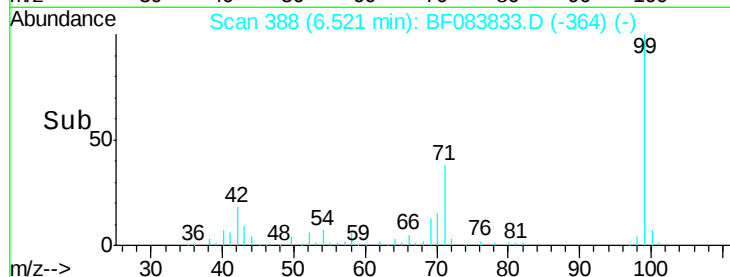
71 37.5 26.6 40.0



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: 8.19 min Scan# 534

Delta R.T. -0.02 min

Lab File: BF083833.D

Acq: 16 Dec 2015 00:27

Tgt Ion: 136 Resp: 373992

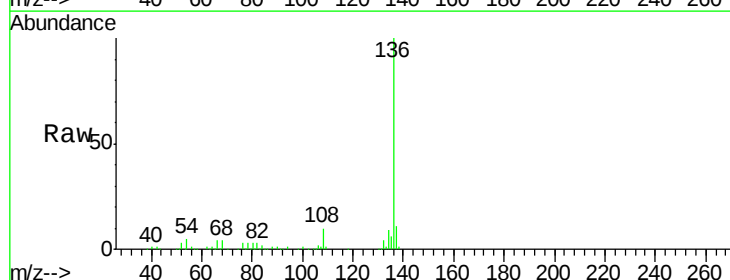
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 5.1 7.8 11.6#

68 4.3 5.7 8.5#

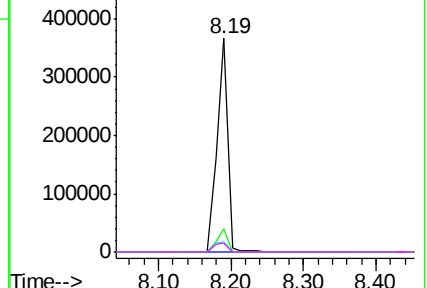
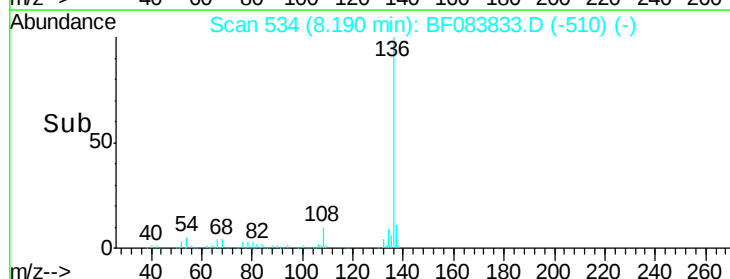


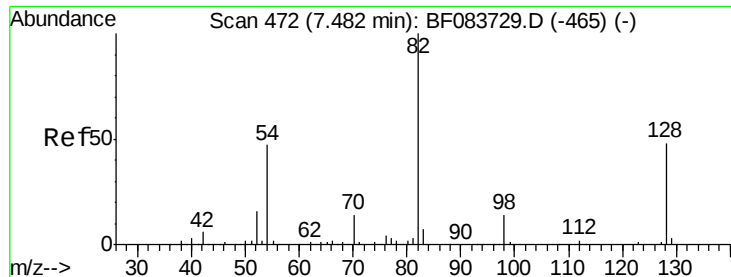
Abundance Ion 136.00 (135.70 to 136.70): E

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

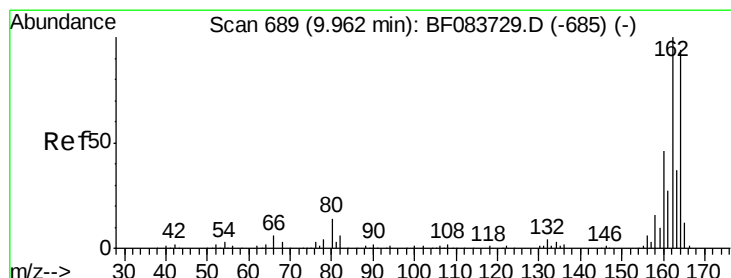
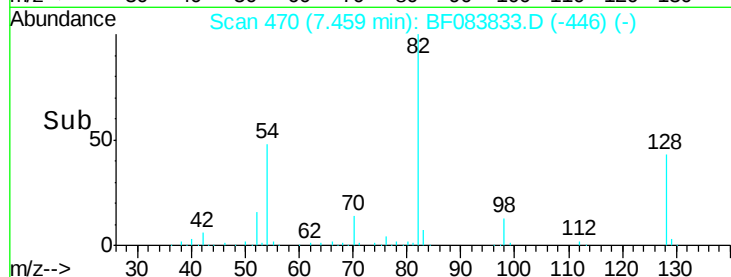
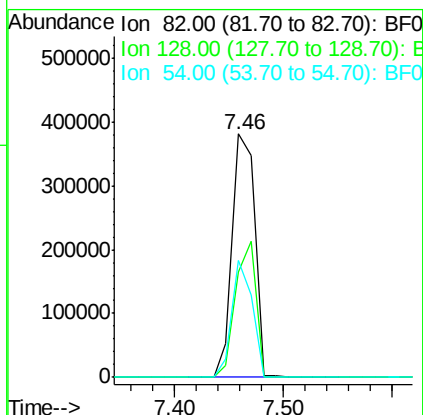
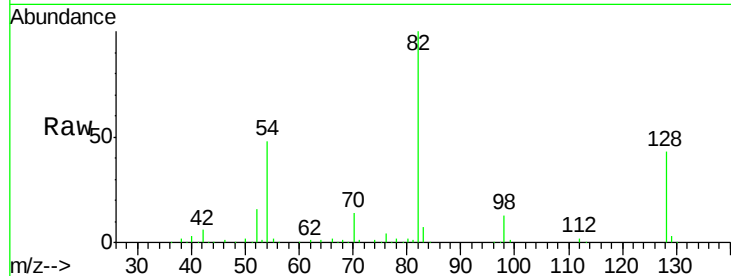




#23
 Nitrobenzene-d5
 Concen: 81.21 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083833.D
 Acq: 16 Dec 2015 00:27

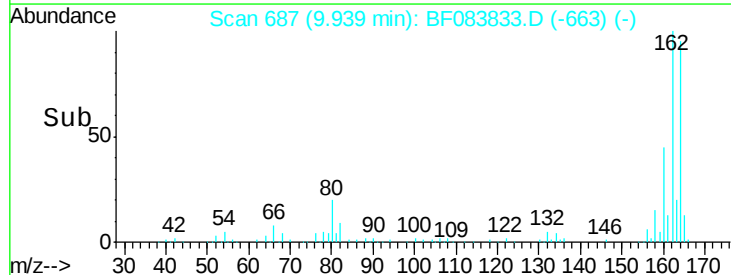
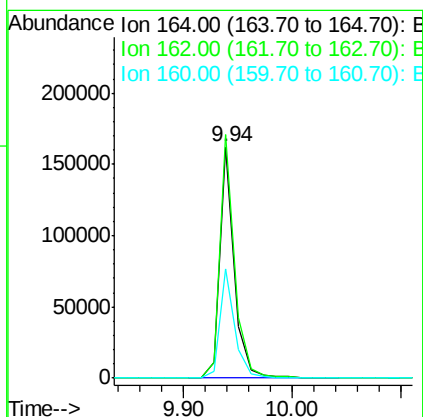
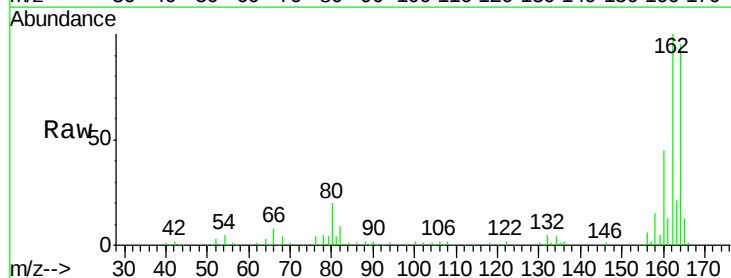
Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-U-M

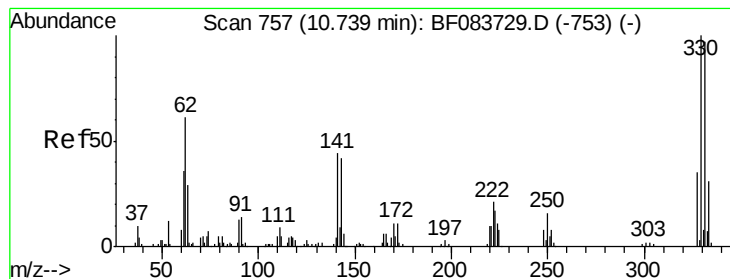
Tot Ion	82	Resp	542849
Ion Ratio	100	Lower	Upper
128	43.3	30.7	46.1
54	48.1	42.5	63.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF083833.D
 Acq: 16 Dec 2015 00:27

Tgt Ion	164	Resp	150805
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	105.2	78.8	118.2
160	47.3	33.4	50.2

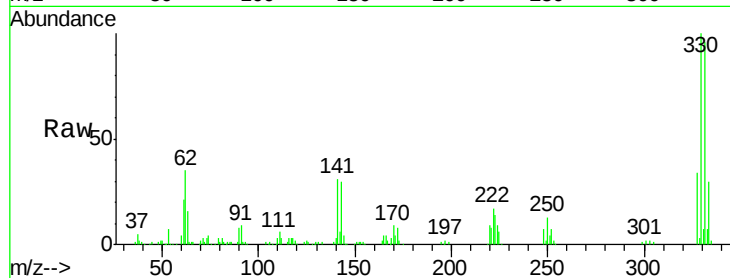




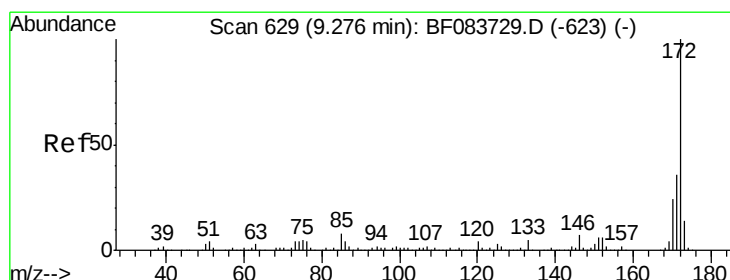
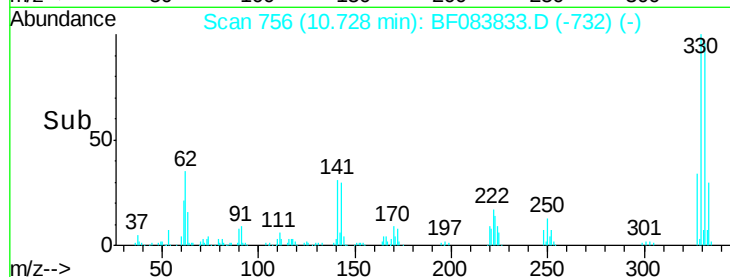
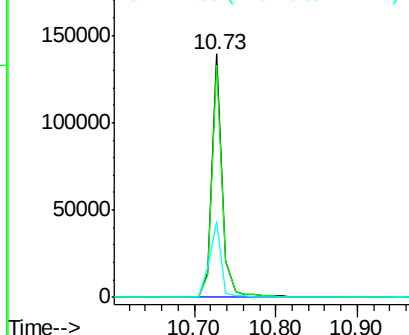
#41
 2,4,6-Tribromophenol
 Concen: 82.11 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083833.D
 Acq: 16 Dec 2015 00:27

Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	35.7	0.0	0.0#

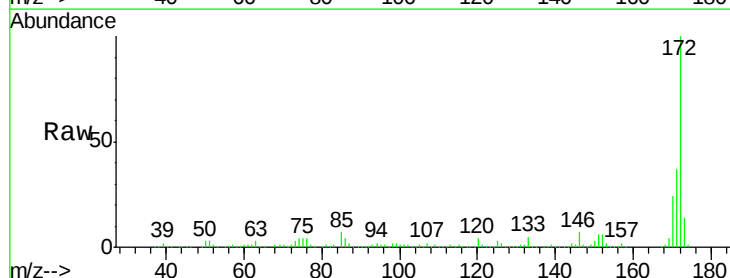


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

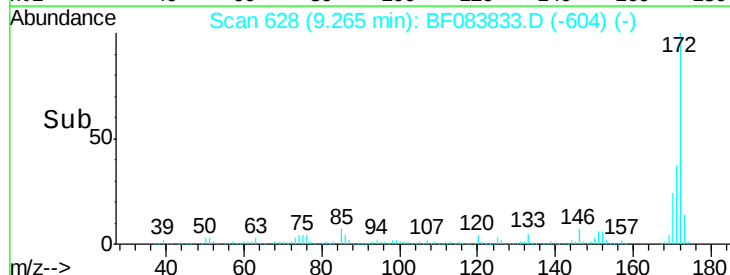
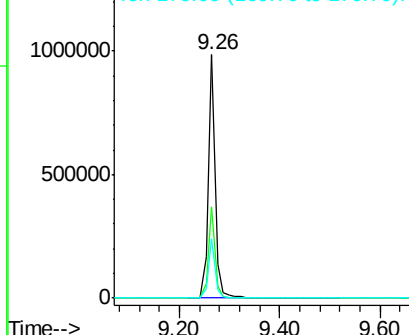


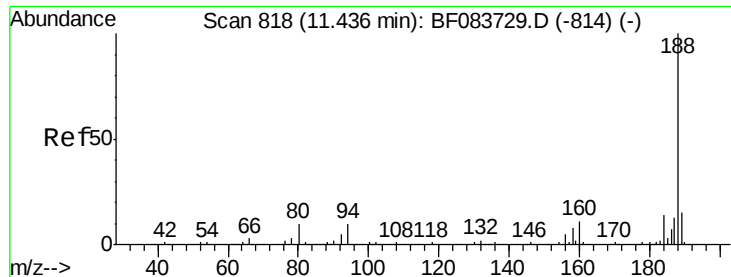
#44
 2-Fluorobiphenyl
 Concen: 93.56 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083833.D
 Acq: 16 Dec 2015 00:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.6	42.8
170	24.5	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

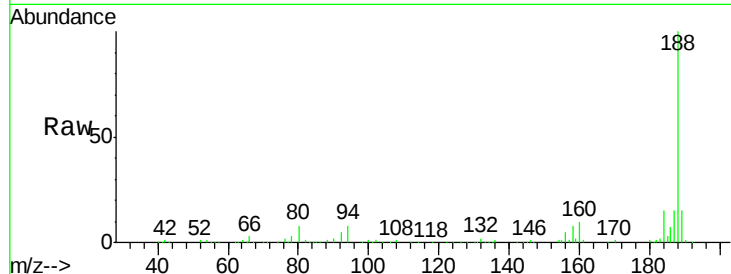




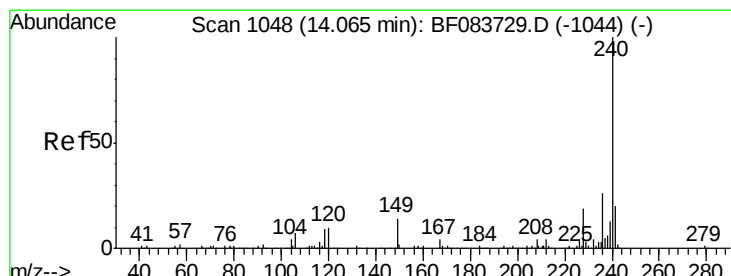
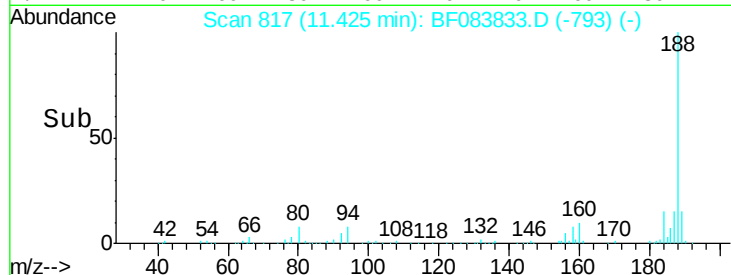
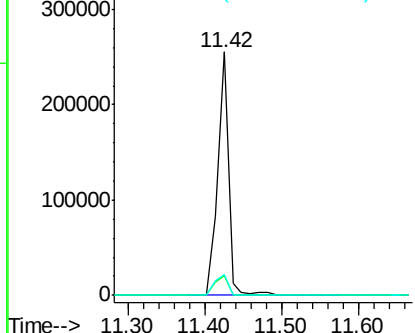
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.02 min
Lab File: BF083833.D
Acq: 16 Dec 2015 00:27

Instrument :
BNA_F
ClientSampleId :
121115-D534-F-U-M

Tot Ion:188 Resp: 249799
Ion Ratio Lower Upper
188 100
94 8.1 9.4 14.2#
80 8.4 10.6 16.0#

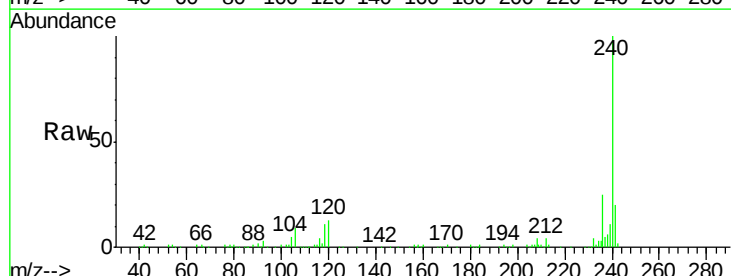


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

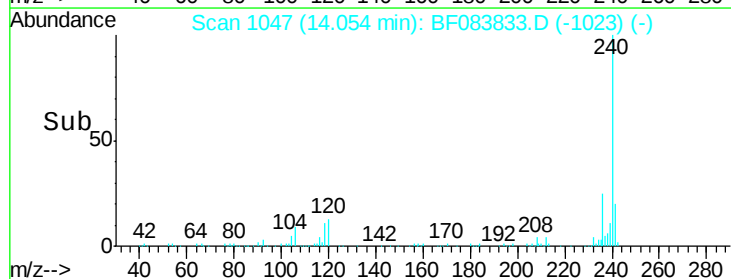
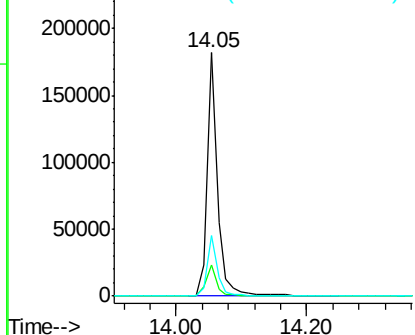


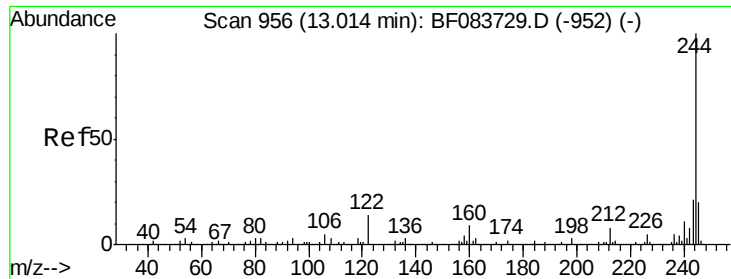
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF083833.D
Acq: 16 Dec 2015 00:27

Tgt Ion:240 Resp: 201900
Ion Ratio Lower Upper
240 100
120 12.7 8.1 12.1#
236 24.7 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

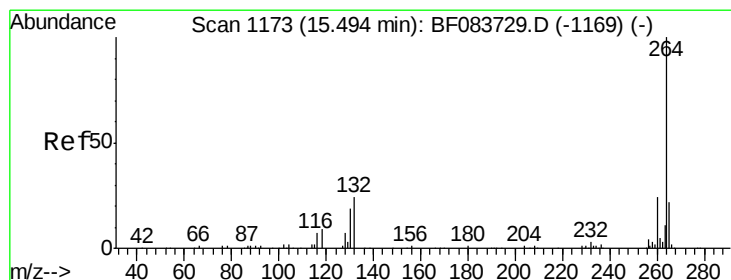
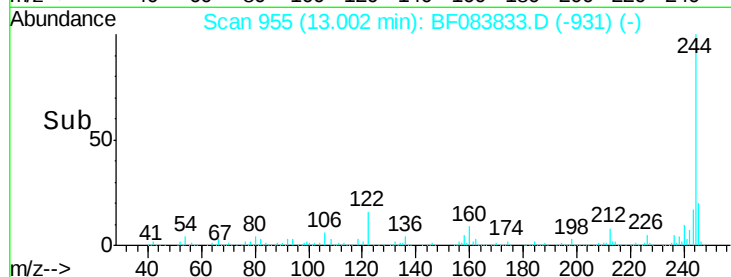
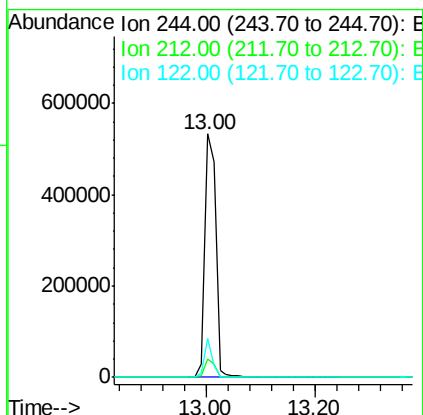
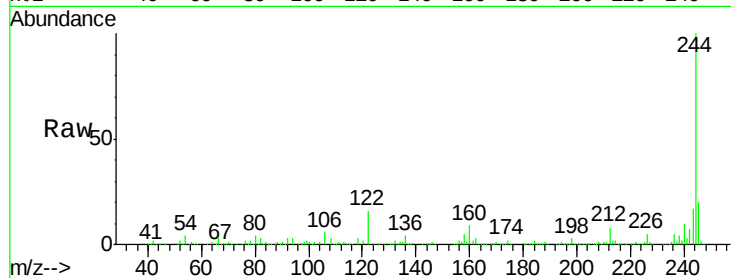




#78
 Terphenyl-d14
 Concen: 78.27 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083833.D
 Acq: 16 Dec 2015 00:27

Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-U-M

Tot Ion:244 Resp: 734611
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 16.2 11.0 16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF083833.D
 Acq: 16 Dec 2015 00:27

Tgt Ion:264 Resp: 141736
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.0
 265 21.8 17.8 26.6

