

Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
 Data File : BF083832.D
 Acq On : 15 Dec 2015 23:59
 Operator : UM/IZ
 Sample : G4782-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Dec 16 05:04:22 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	90341	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	353324	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	146675	20.00	ng	-0.02
63) Phenanthrene-d10	11.42	188	252617	20.00	ng	-0.02
75) Chrysene-d12	14.05	240	204260	20.00	ng	-0.02
86) Perylene-d12	15.49	264	141101	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	225584	40.28	ng	-0.02
7) Phenol-d6	6.52	99	181745	25.63	ng	-0.02
23) Nitrobenzene-d5	7.46	82	491563	77.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	119785	80.15	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	913909	94.58	ng	-0.02
78) Terphenyl-d14	13.01	244	766587	80.73	ng	-0.01

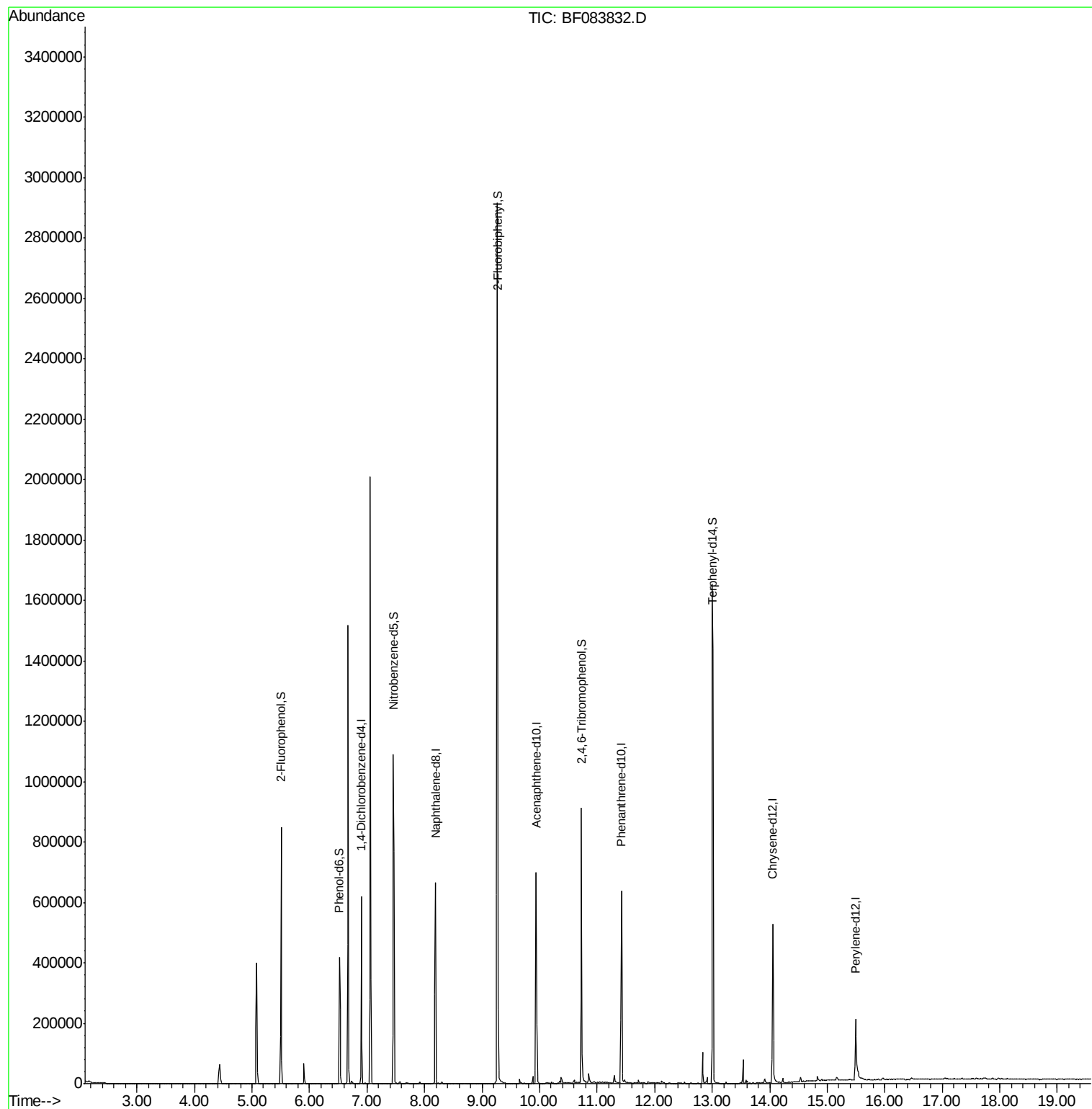
Target Compounds	Qvalue
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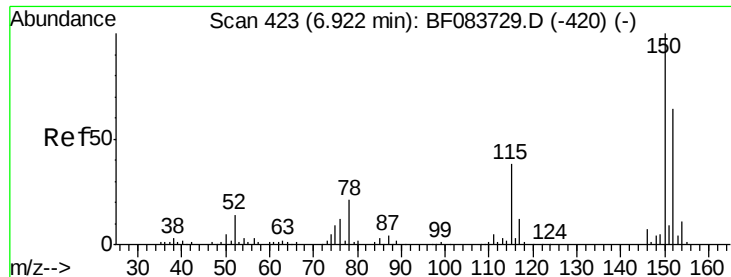
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083832.D

Acq: 15 Dec 2015 23:59

Instrument :

BNA_F

ClientSampleId :

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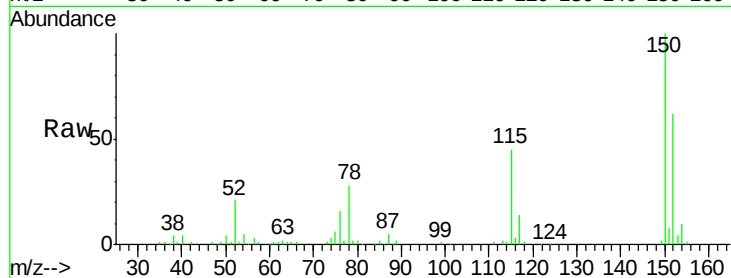
Tot Ion:152 Resp: 90341

Ion Ratio Lower Upper

152 100

150 160.6 126.5 189.7

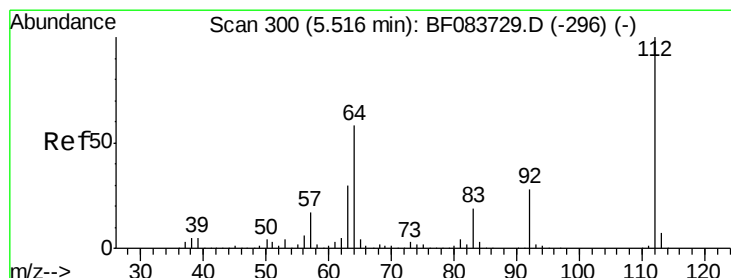
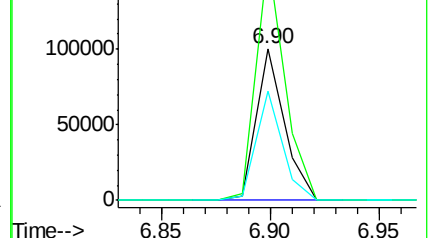
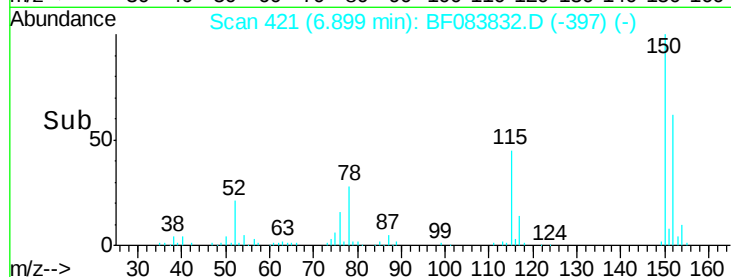
115 72.0 52.3 78.5



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: 40.28 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083832.D

Acq: 15 Dec 2015 23:59

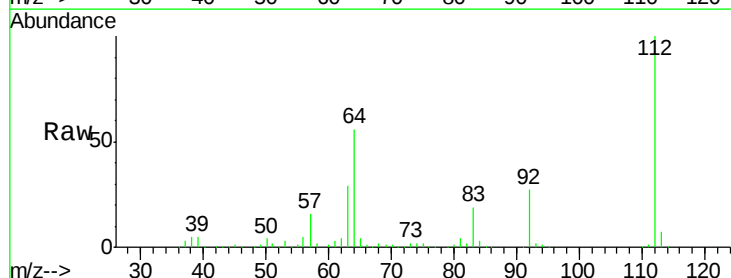
Tgt Ion:112 Resp: 225584

Ion Ratio Lower Upper

112 100

64 55.5 50.5 75.7

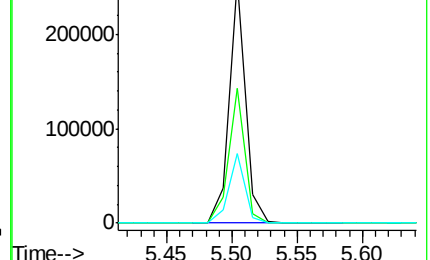
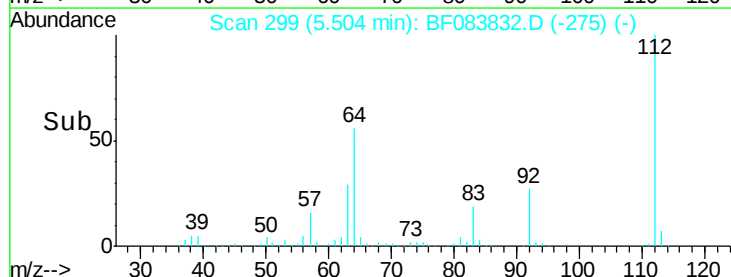
63 28.5 25.8 38.6



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: 25.63 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083832.D

Acq: 15 Dec 2015 23:59

Instrument :

BNA_F

ClientSampleId :

121115-D534-F-U-B

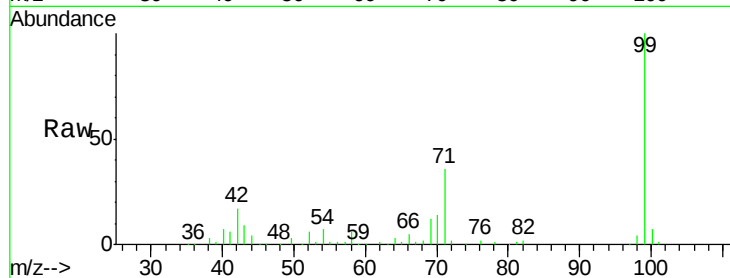
Tot Ion: 99 Resp: 181745

Ion Ratio Lower Upper

99 100

42 17.0 17.3 25.9#

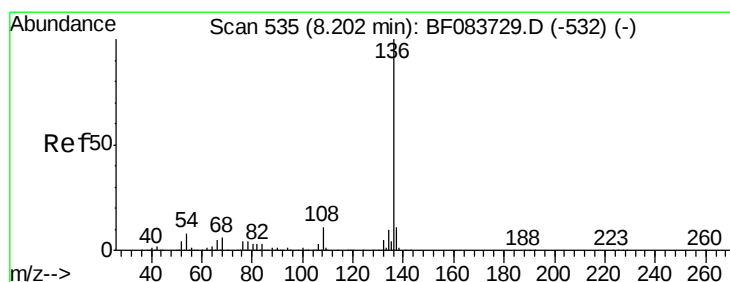
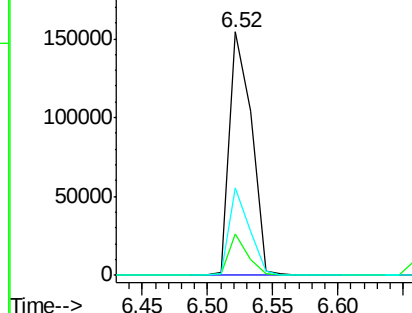
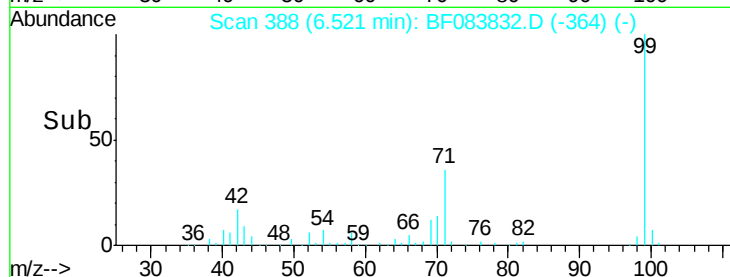
71 35.9 26.6 40.0



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: BF083832.D

Acq: 15 Dec 2015 23:59

Tgt Ion: 136 Resp: 353324

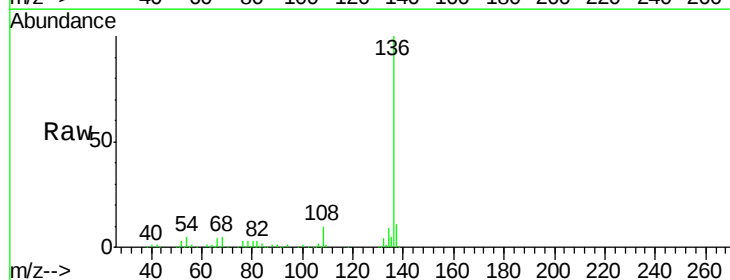
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 5.2 7.8 11.6#

68 4.6 5.7 8.5#

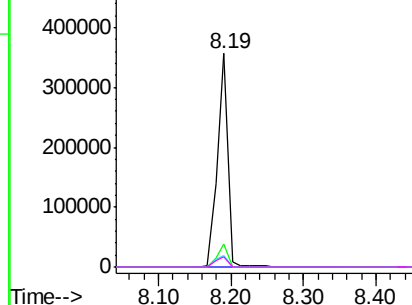
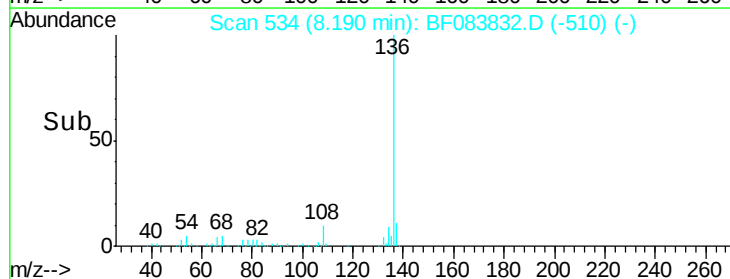


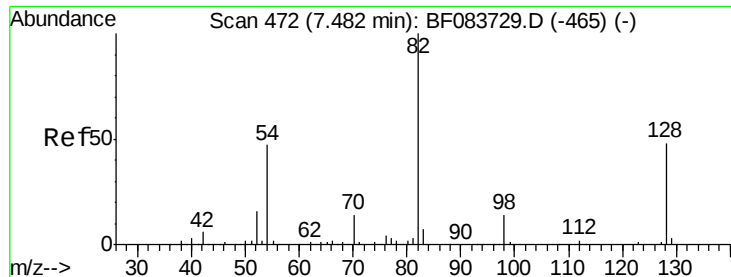
Abundance Ion 136.00 (135.70 to 136.70): E

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

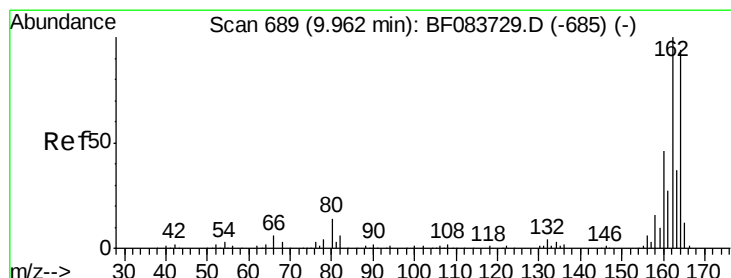
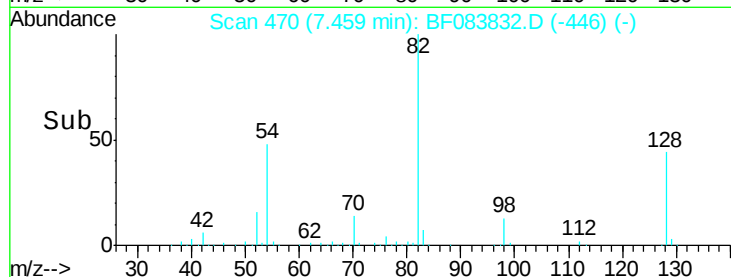
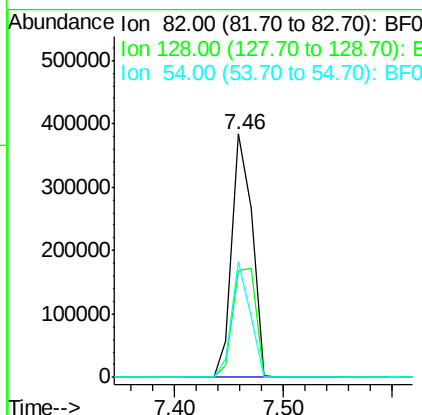
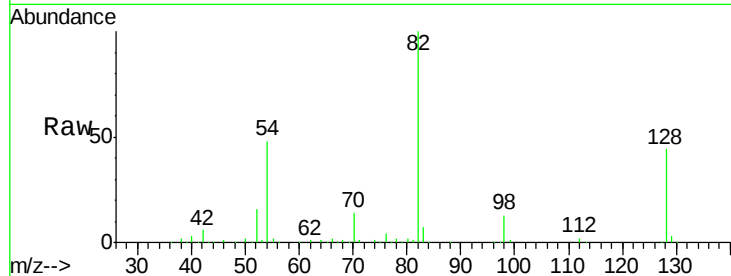




#23
 Nitrobenzene-d5
 Concen: 77.84 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083832.D
 Acq: 15 Dec 2015 23:59

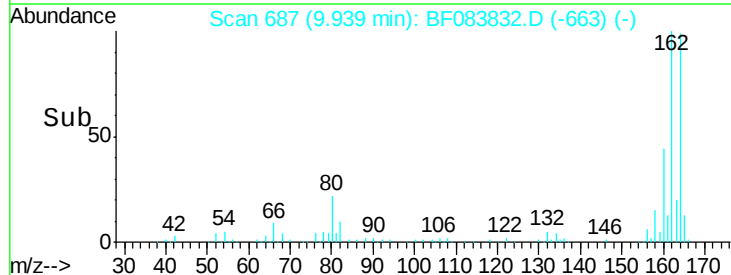
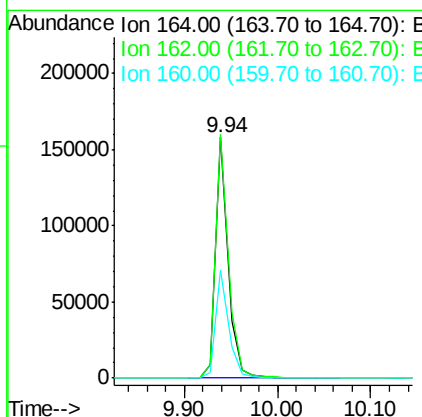
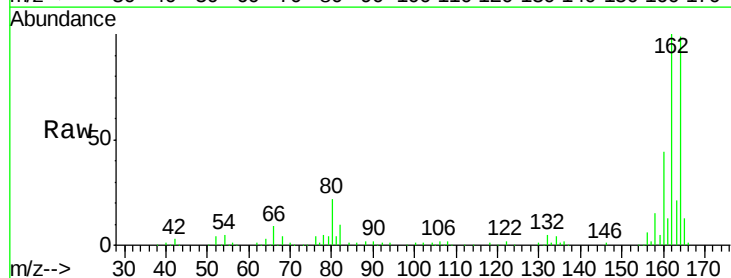
Instrument :
 BNA_F
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 121115-D534-F-U-B

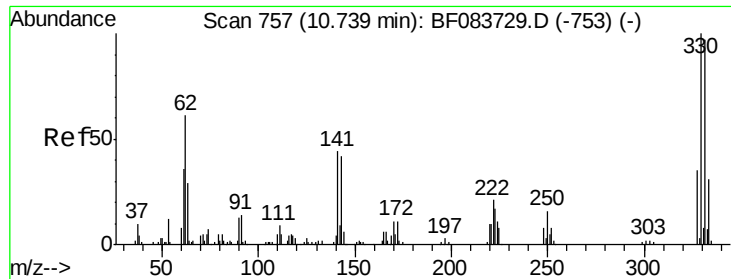
Tot Ion	82	Resp	491563
Ion Ratio	100	Lower	Upper
128	43.6	30.7	46.1
54	47.7	42.5	63.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF083832.D
 Acq: 15 Dec 2015 23:59

Tgt Ion	164	Resp	146675
Ion Ratio	100	Lower	Upper
162	101.1	78.8	118.2
160	45.0	33.4	50.2

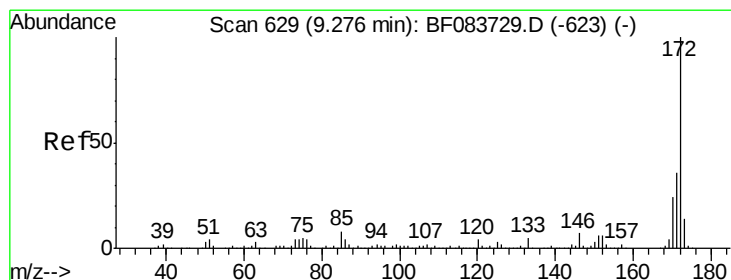
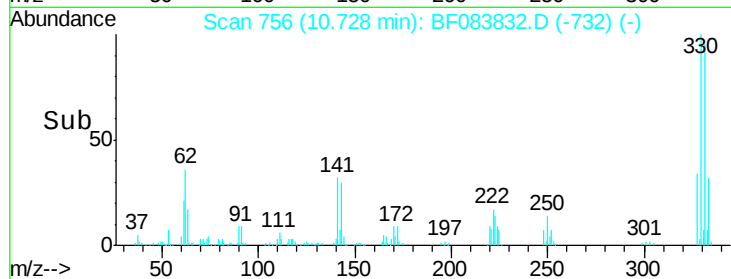
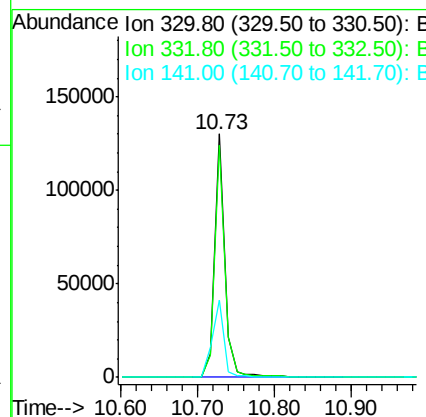
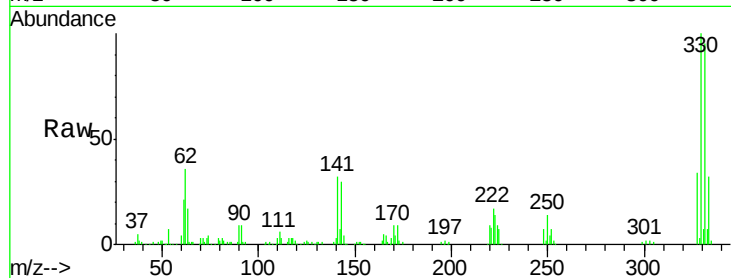




#41
 2,4,6-Tribromophenol
 Concen: 80.15 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083832.D
 Acq: 15 Dec 2015 23:59

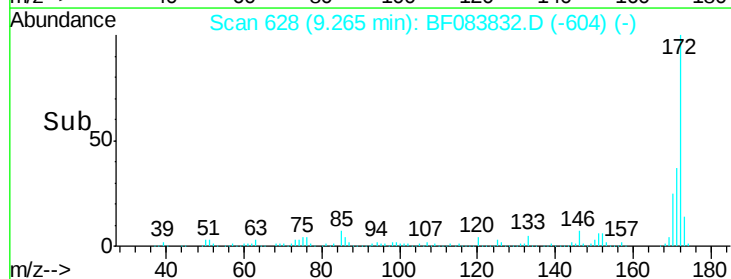
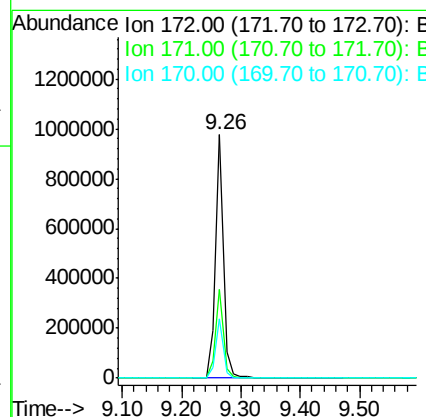
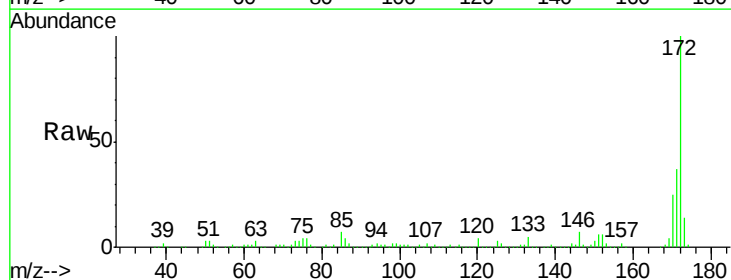
Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-U-B

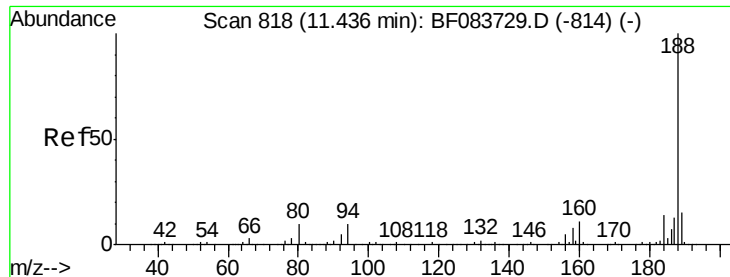
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	36.1	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 94.58 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083832.D
 Acq: 15 Dec 2015 23:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.6	42.8
170	24.5	19.4	29.0

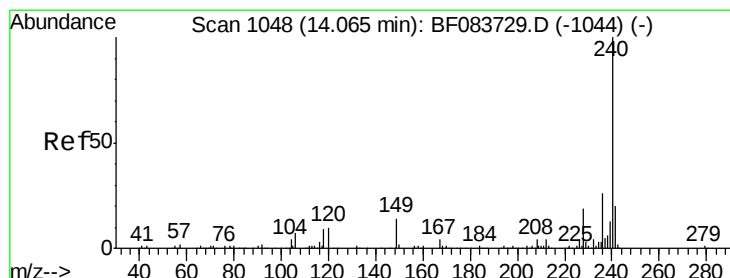
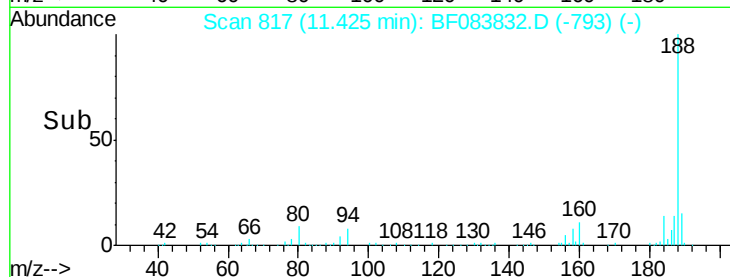
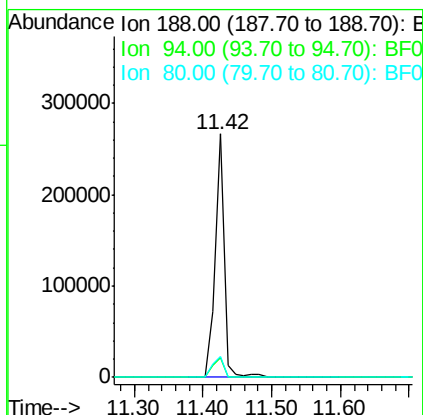
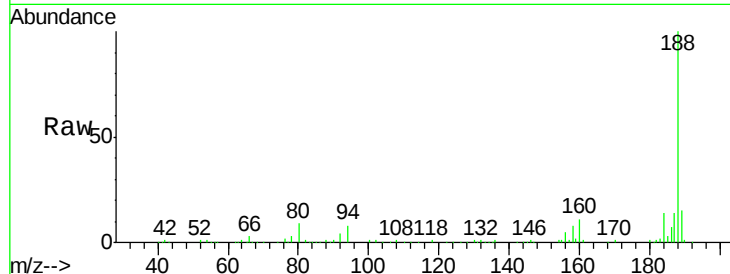




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.02 min
Lab File: BF083832.D
Acq: 15 Dec 2015 23:59

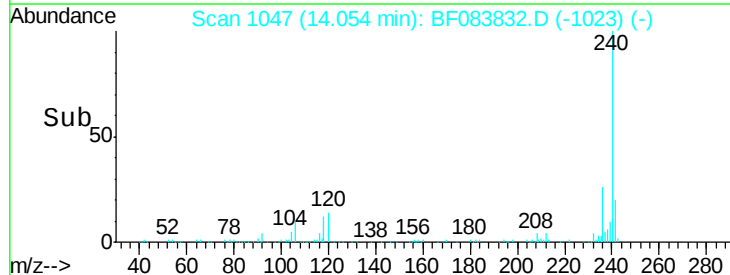
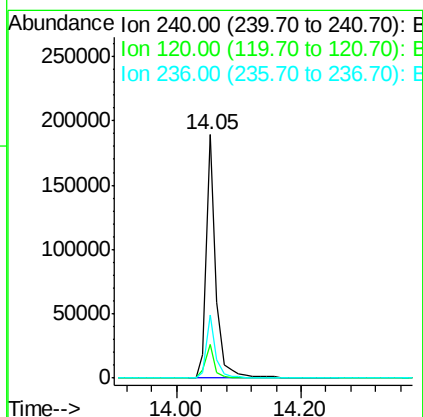
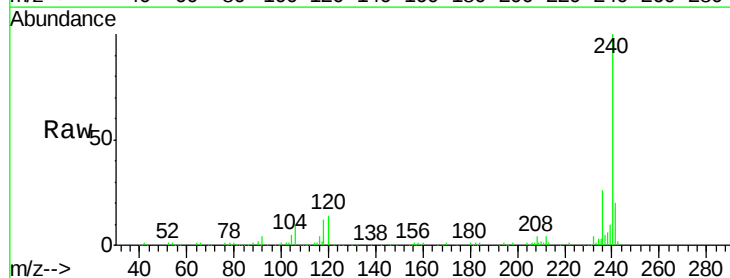
Instrument :
BNA_F
ClientSampleId :
121115-D534-F-U-B

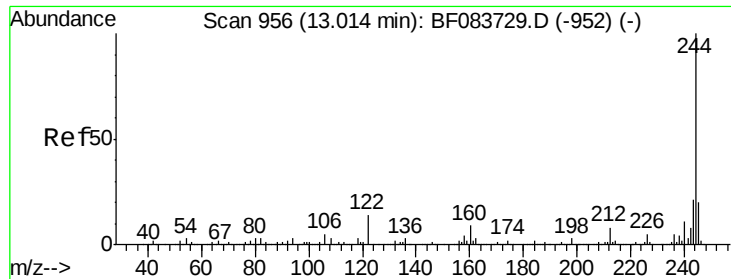
Tot Ion:188 Resp: 252617
Ion Ratio Lower Upper
188 100
94 8.0 9.4 14.2#
80 8.5 10.6 16.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF083832.D
Acq: 15 Dec 2015 23:59

Tgt Ion:240 Resp: 204260
Ion Ratio Lower Upper
240 100
120 14.0 8.1 12.1#
236 25.8 20.8 31.2

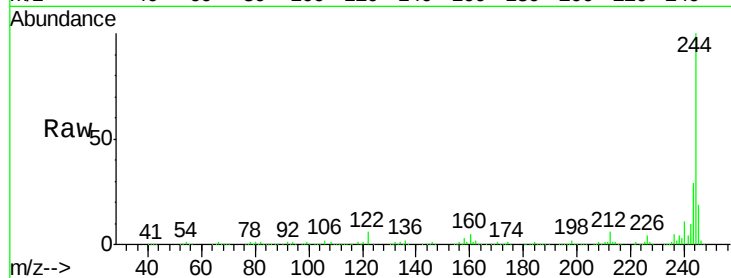




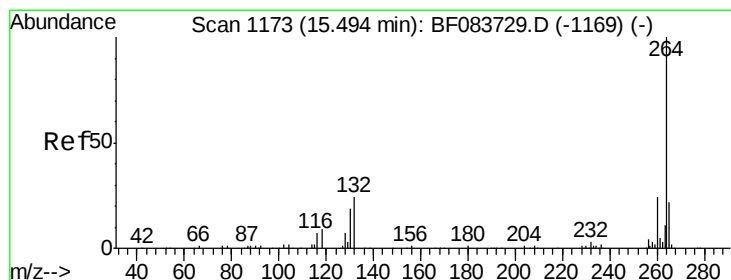
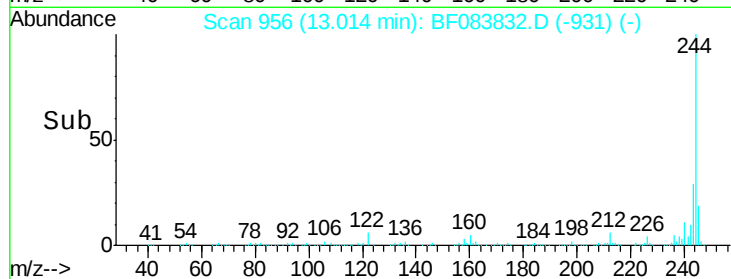
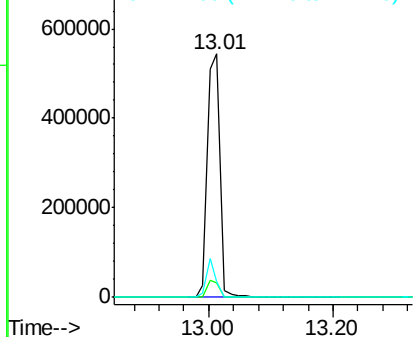
#78
 Terphenyl-d14
 Concen: 80.73 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF083832.D
 Acq: 15 Dec 2015 23:59

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

Tot Ion:244 Resp: 766587
 Ion Ratio Lower Upper
 244 100
 212 6.1 6.1 9.1
 122 6.4 11.0 16.6#

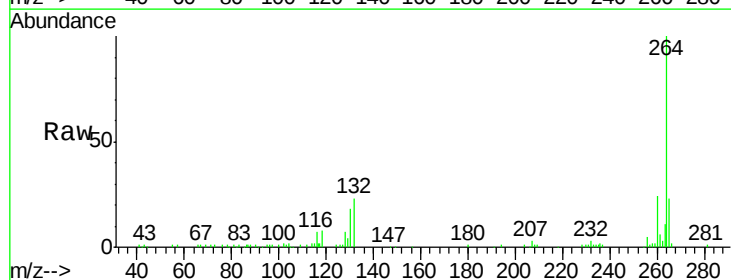


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF083832.D
 Acq: 15 Dec 2015 23:59

Tgt Ion:264 Resp: 141101
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.0
 265 22.6 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

