

Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
 Data File : BF083829.D
 Acq On : 15 Dec 2015 22:35
 Operator : UM/IZ
 Sample : G4782-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Dec 16 04:59:01 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	85172	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	322942	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	128336	20.00	ng	-0.02
63) Phenanthrene-d10	11.42	188	221613	20.00	ng	-0.02
75) Chrysene-d12	14.05	240	197451	20.00	ng	-0.02
86) Perylene-d12	15.49	264	135563	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	225051	42.63	ng	-0.02
7) Phenol-d6	6.53	99	186530	27.90	ng	-0.01
23) Nitrobenzene-d5	7.46	82	471242	81.64	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	111881	85.55	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	869850	108.74	ng	-0.02
78) Terphenyl-d14	13.01	244	755956	82.35	ng	-0.01

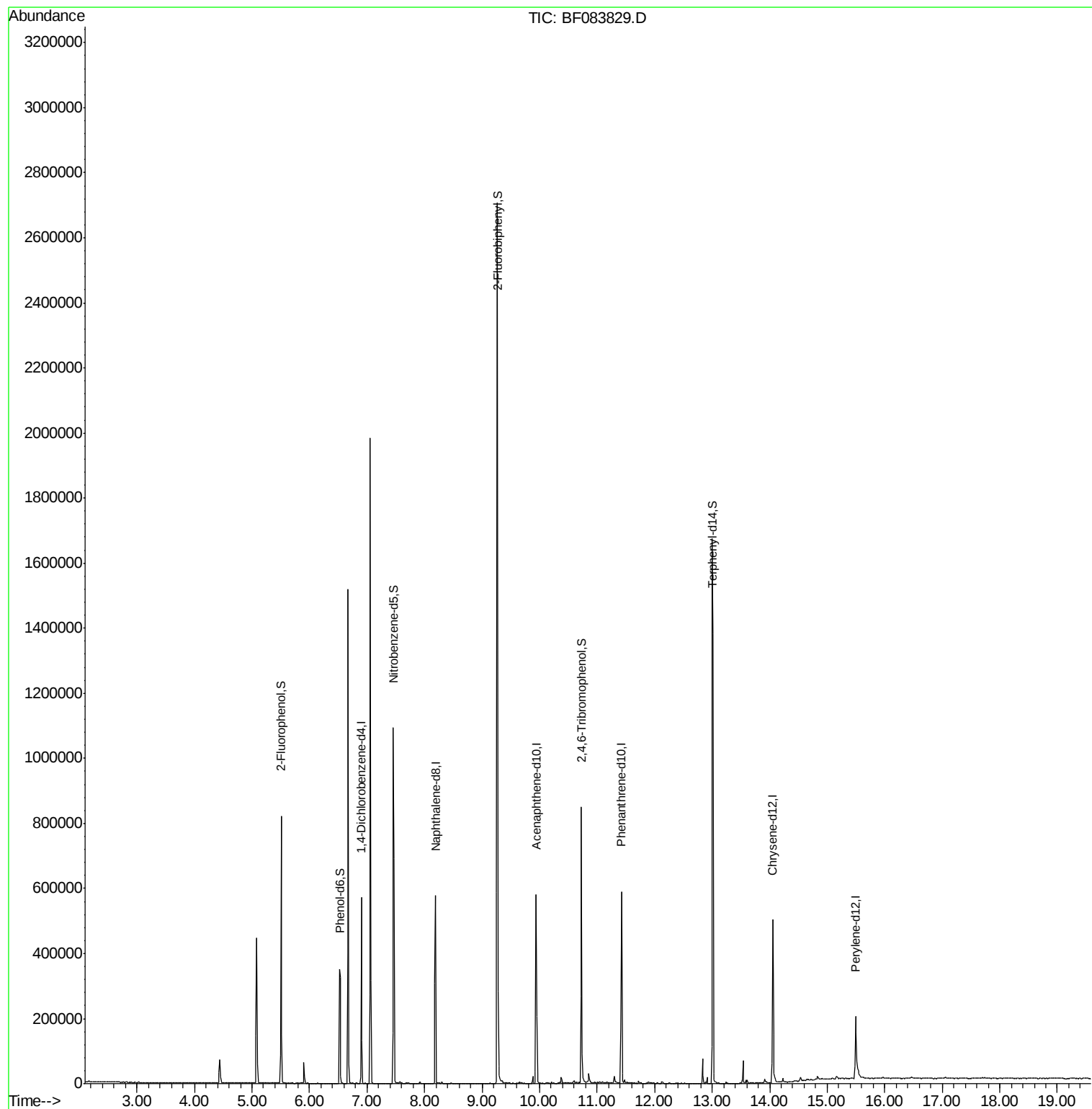
Target Compounds Qvalue

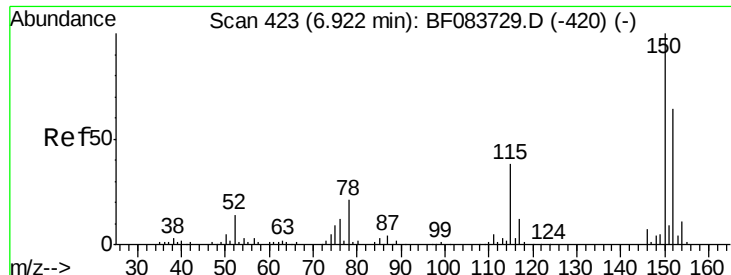
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083829.D

Acq: 15 Dec 2015 22:35

Instrument :

BNA_F

ClientSampleId :

121115-D534-F-D-B

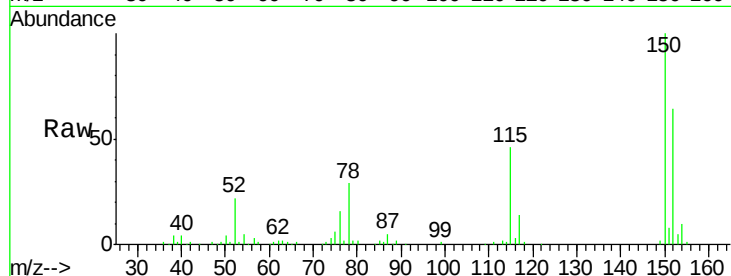
Tot Ion:152 Resp: 85172

Ion Ratio Lower Upper

152 100

150 155.7 126.5 189.7

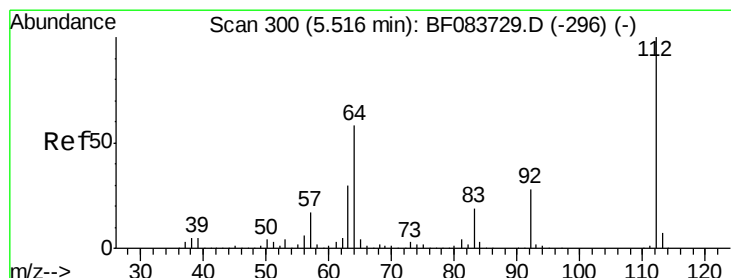
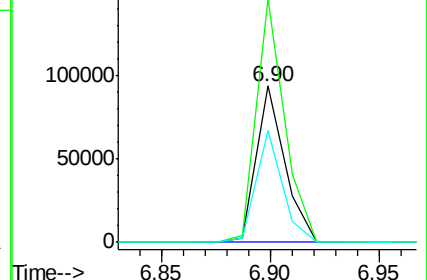
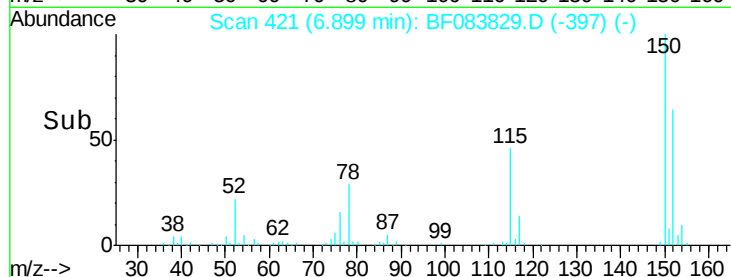
115 71.1 52.3 78.5



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: 42.63 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083829.D

Acq: 15 Dec 2015 22:35

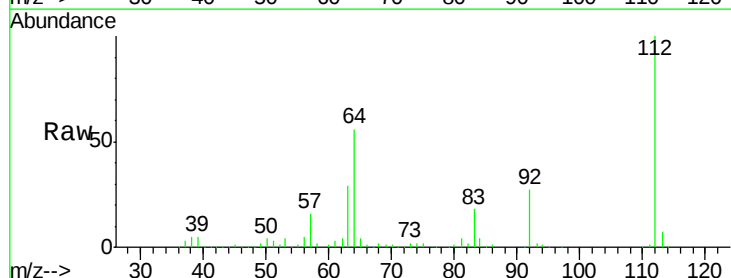
Tgt Ion:112 Resp: 225051

Ion Ratio Lower Upper

112 100

64 56.0 50.5 75.7

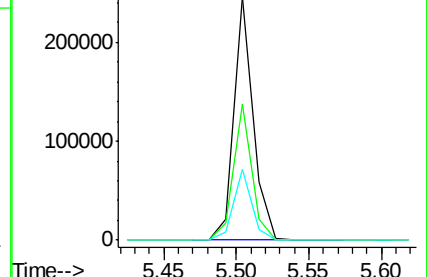
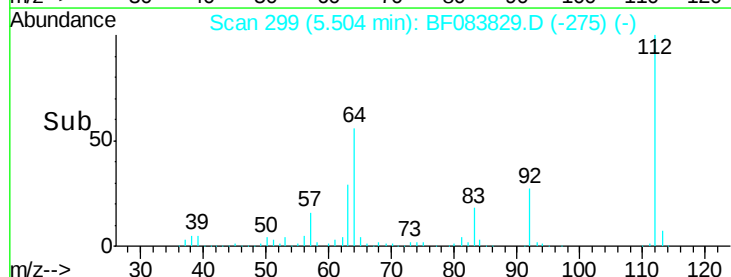
63 28.8 25.8 38.6

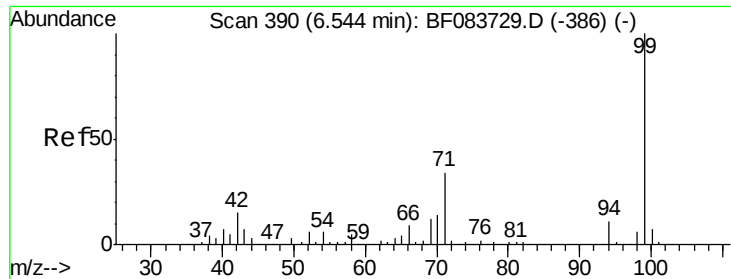


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 27.90 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083829.D

Acq: 15 Dec 2015 22:35

Instrument :

BNA_F

ClientSampleId :

121115-D534-F-D-B

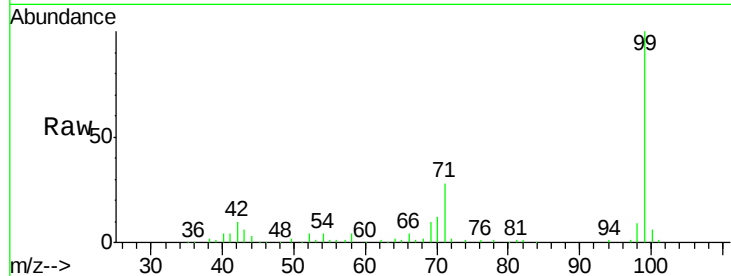
Tot Ion: 99 Resp: 186530

Ion Ratio Lower Upper

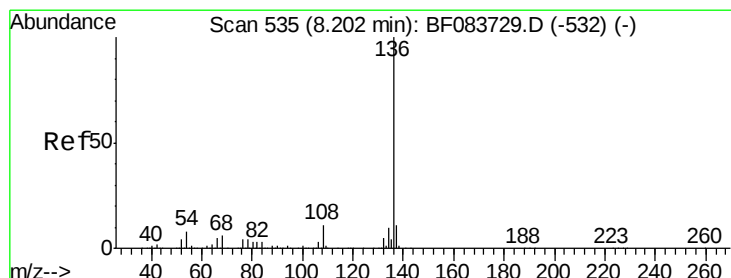
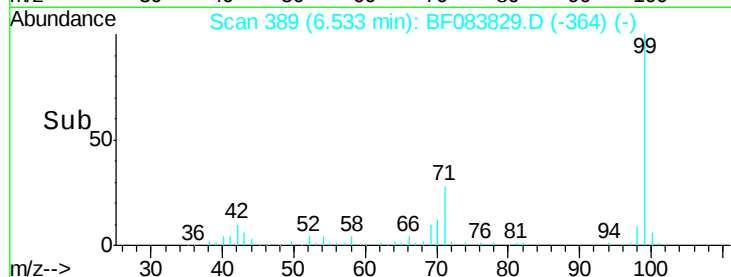
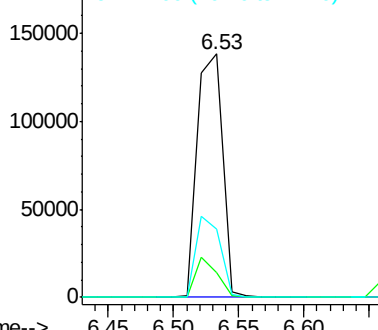
99 100

42 10.0 17.3 25.9#

71 28.2 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: BF083829.D

Acq: 15 Dec 2015 22:35

Tgt Ion: 136 Resp: 322942

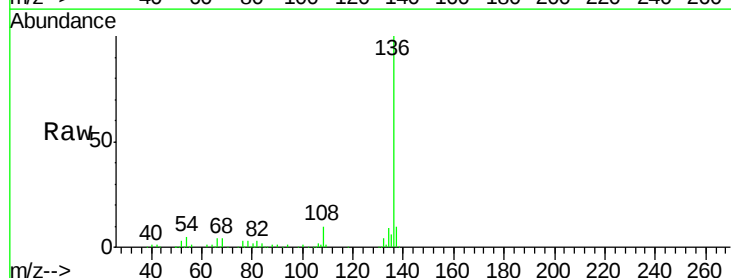
Ion Ratio Lower Upper

136 100

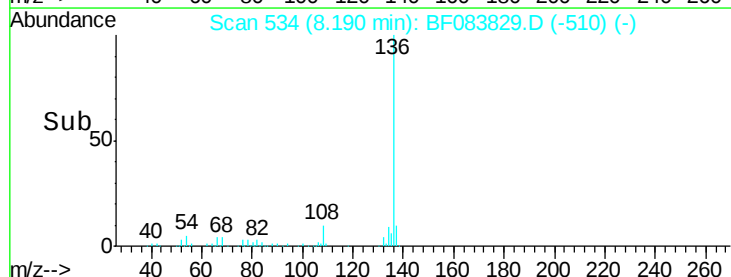
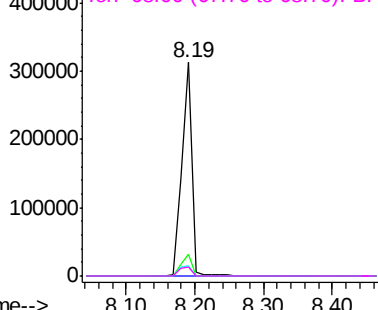
137 10.5 8.7 13.1

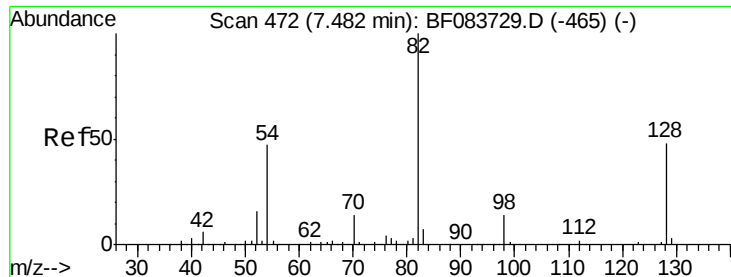
54 4.9 7.8 11.6#

68 4.1 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

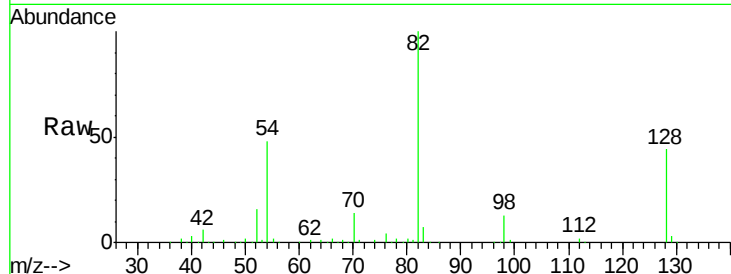




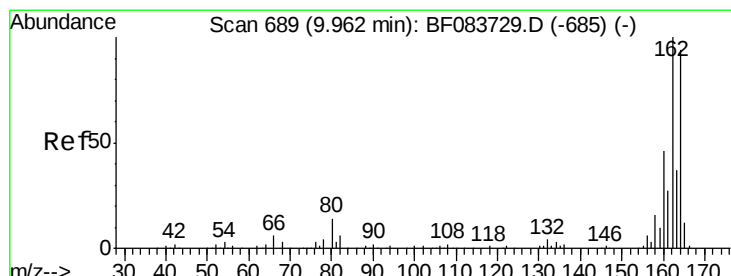
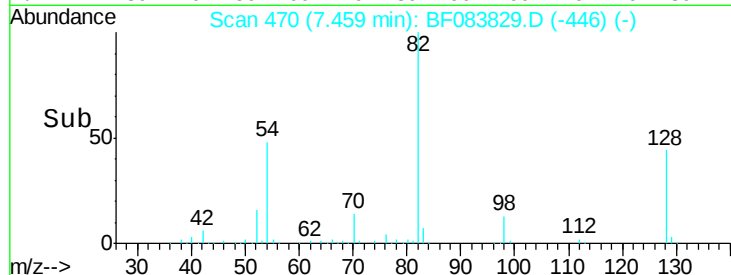
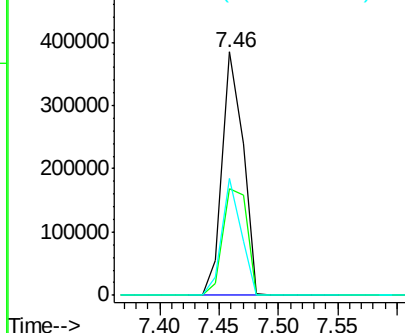
#23
 Nitrobenzene-d5
 Concen: 81.64 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083829.D
 Acq: 15 Dec 2015 22:35

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

Tot Ion: 82 Resp: 471242
 Ion Ratio Lower Upper
 82 100
 128 43.7 30.7 46.1
 54 48.1 42.5 63.7

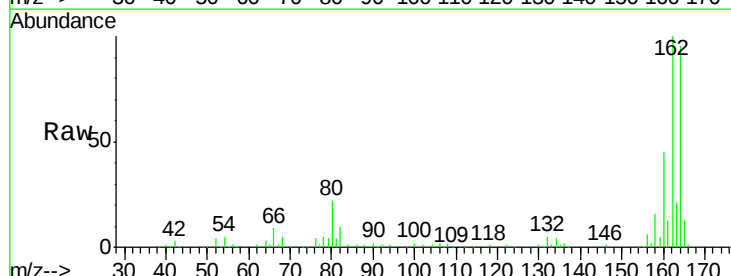


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

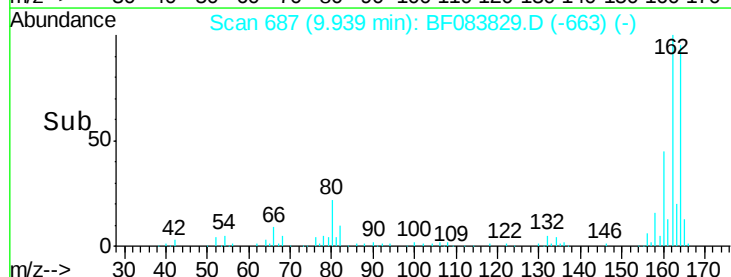
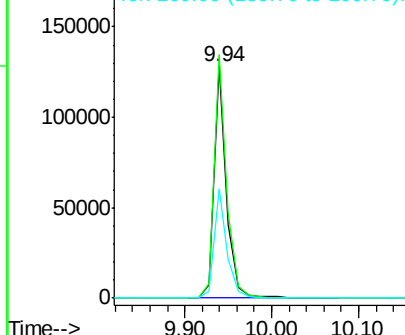


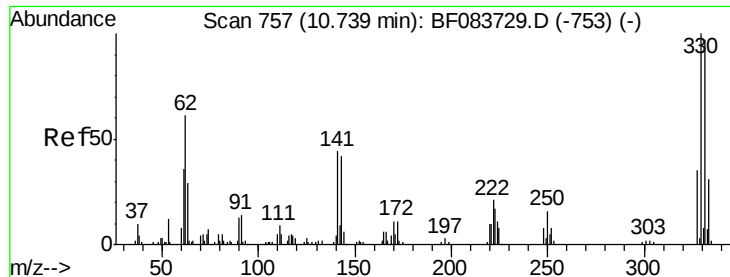
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF083829.D
 Acq: 15 Dec 2015 22:35

Tgt Ion:164 Resp: 128336
 Ion Ratio Lower Upper
 164 100
 162 105.1 78.8 118.2
 160 46.9 33.4 50.2



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

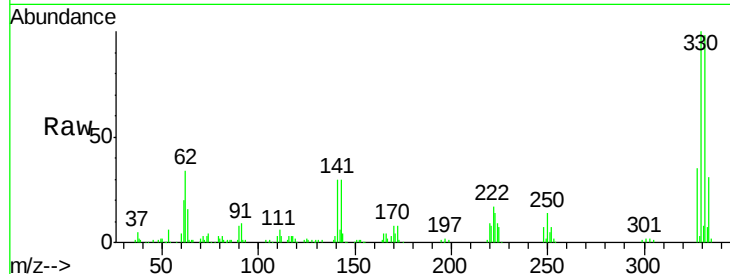




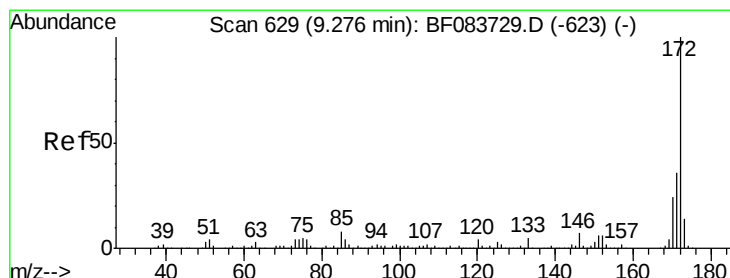
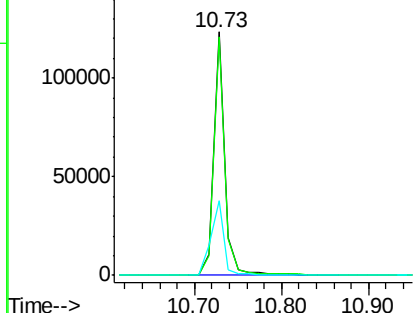
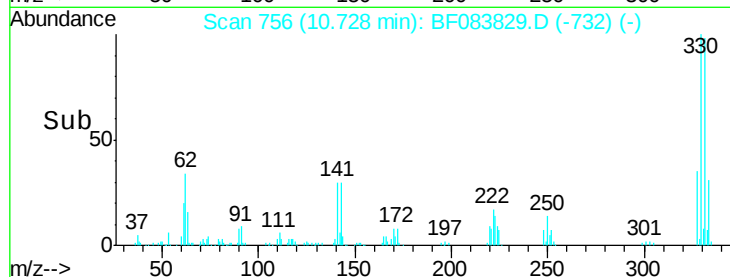
#41
 2,4,6-Tribromophenol
 Concen: 85.55 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083829.D
 Acq: 15 Dec 2015 22:35

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	35.6	0.0	0.0#

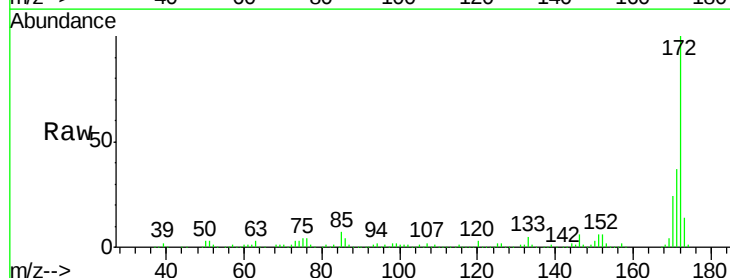


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

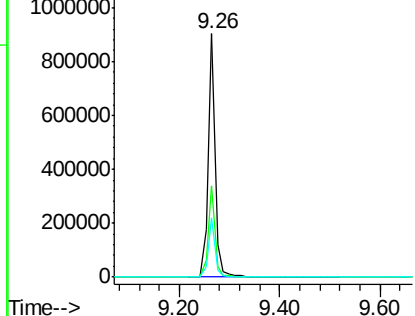
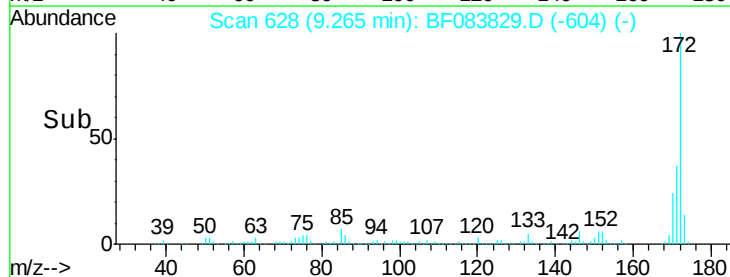


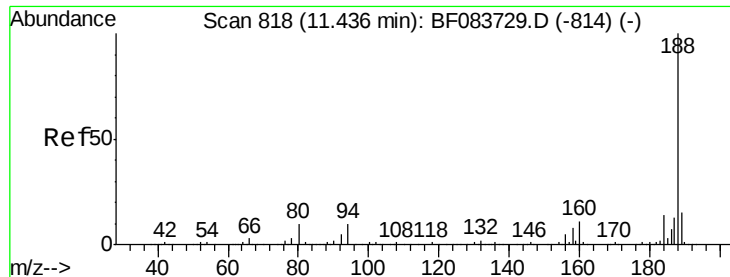
#44
 2-Fluorobiphenyl
 Concen: 108.74 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083829.D
 Acq: 15 Dec 2015 22:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.6	42.8
170	24.3	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

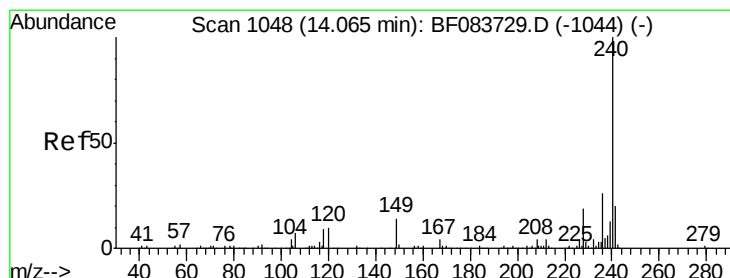
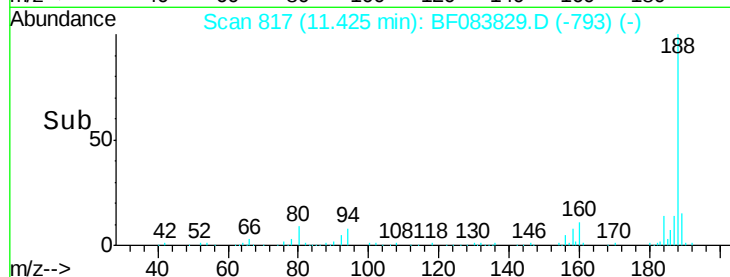
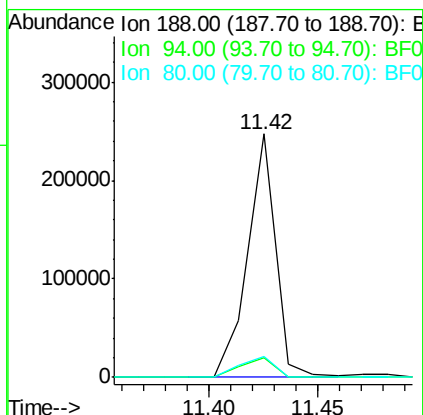
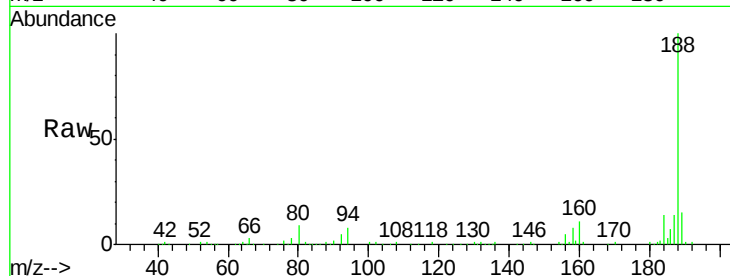




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.02 min
Lab File: BF083829.D
Acq: 15 Dec 2015 22:35

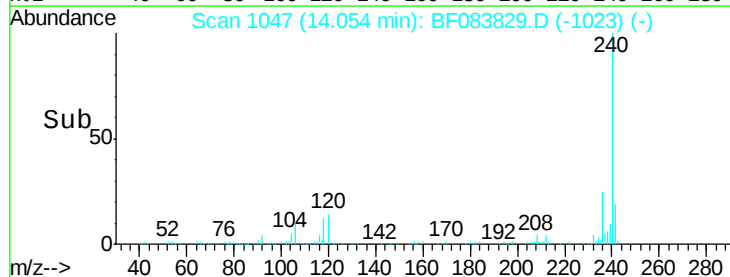
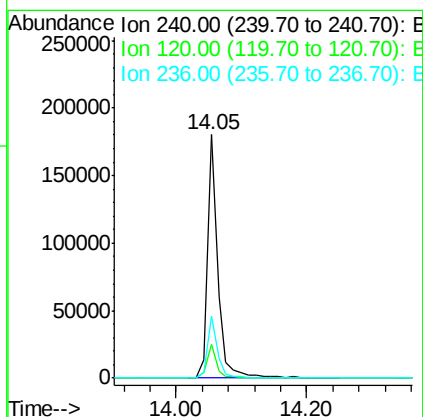
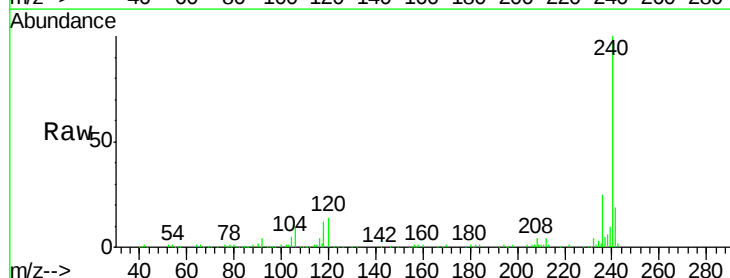
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121115-D534-F-D-B

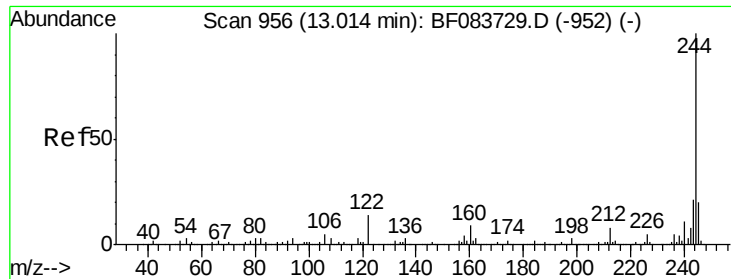
Tot Ion:188 Resp: 221613
Ion Ratio Lower Upper
188 100
94 8.1 9.4 14.2#
80 8.6 10.6 16.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF083829.D
Acq: 15 Dec 2015 22:35

Tgt Ion:240 Resp: 197451
Ion Ratio Lower Upper
240 100
120 14.1 8.1 12.1#
236 25.2 20.8 31.2

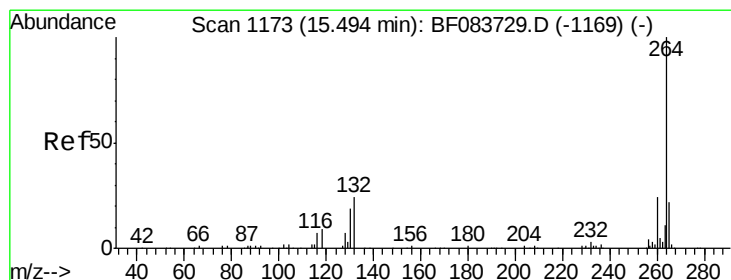
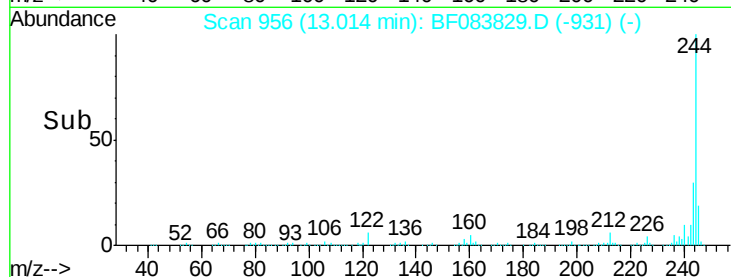
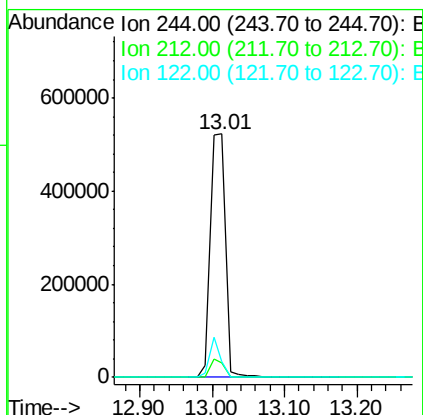
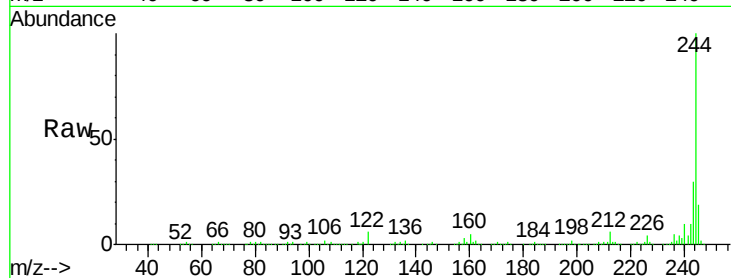




#78
 Terphenyl-d14
 Concen: 82.35 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF083829.D
 Acq: 15 Dec 2015 22:35

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

Tot Ion:244 Resp: 755956
 Ion Ratio Lower Upper
 244 100
 212 6.2 6.1 9.1
 122 6.5 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: BF083829.D
 Acq: 15 Dec 2015 22:35

Tgt Ion:264 Resp: 135563
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.0
 265 21.3 17.8 26.6

