

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
 Data File : BF083012.D
 Acq On : 18 Nov 2015 16:06
 Operator : UM/IZ
 Sample : PB86622BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86622BL

Quant Time: Nov 19 02:33:39 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 18 13:32:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	149365	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	577805	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	312588	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	776744	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	706320	20.00	ng	-0.02
86) Perylene-d12	15.27	264	553532	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	721512	75.16	ng	0.00
7) Phenol-d6	6.37	99	963676	75.51	ng	-0.02
23) Nitrobenzene-d5	7.30	82	998901	75.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	344360	96.08	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1474531	67.61	ng	-0.01
78) Terphenyl-d14	12.83	244	2041789	68.56	ng	-0.01

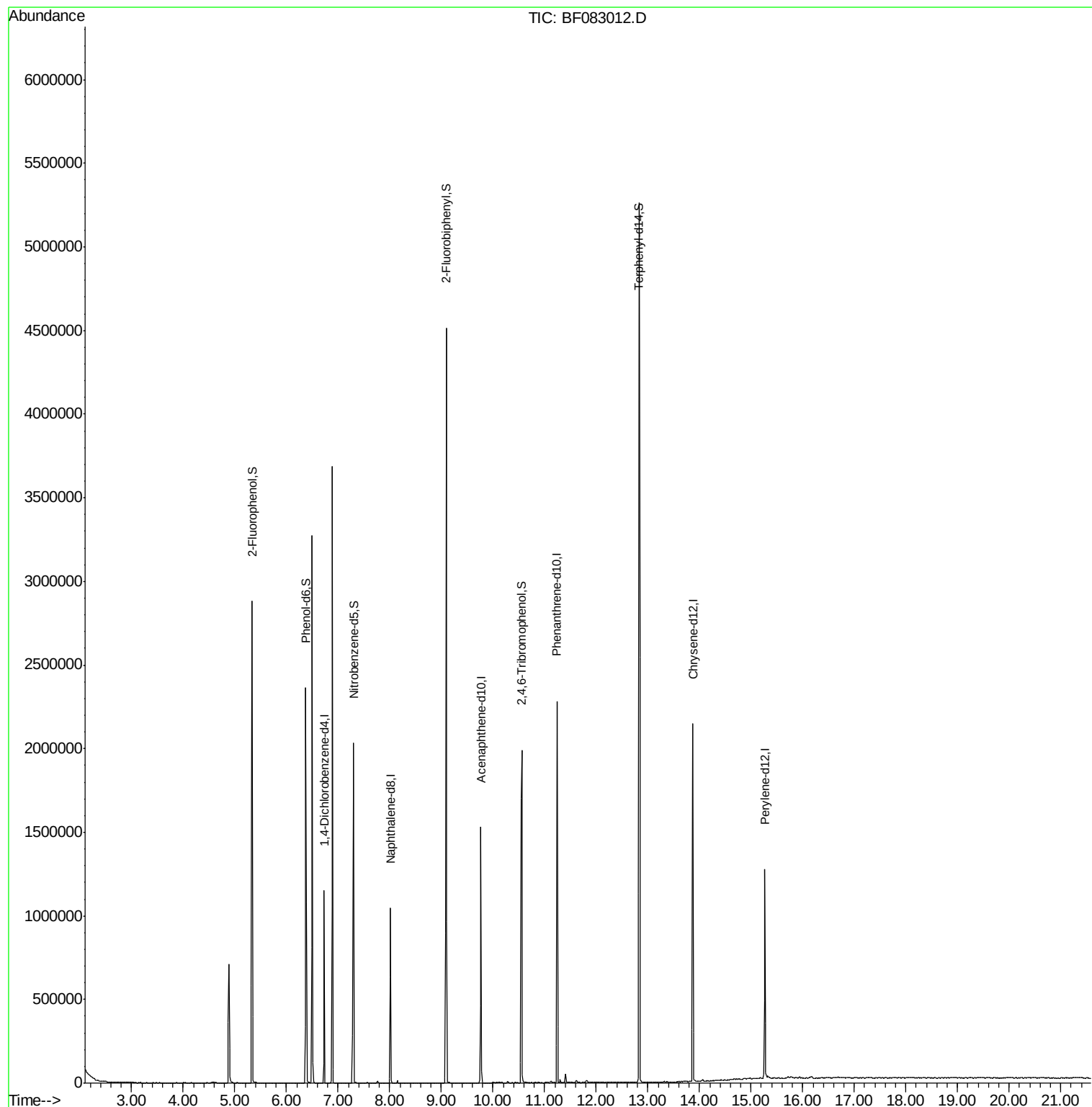
Target Compounds	Qvalue
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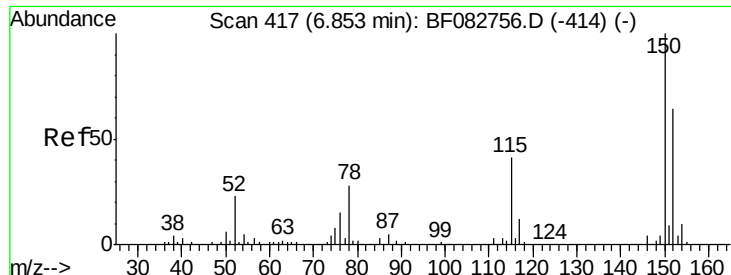
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF083012.D

Acq: 18 Nov 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB86622BL

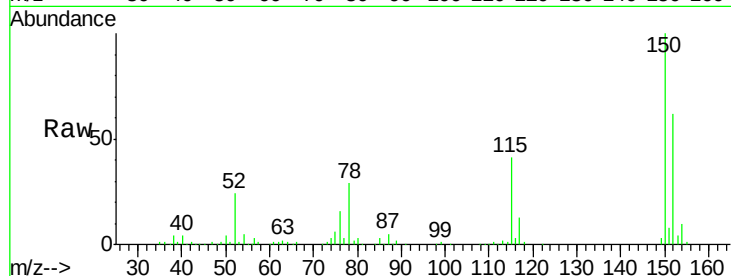
Tgt Ion:152 Resp: 149365

Ion Ratio Lower Upper

152 100

150 160.0 127.0 190.4

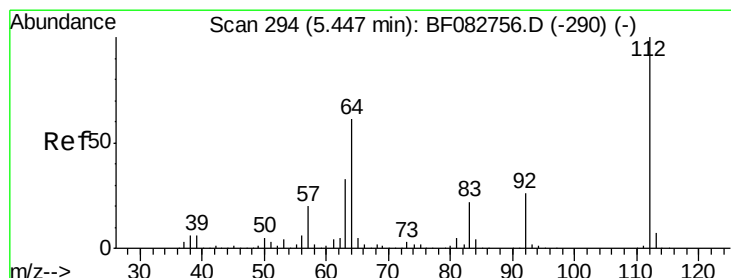
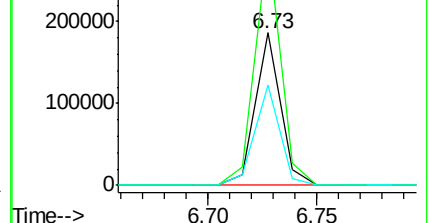
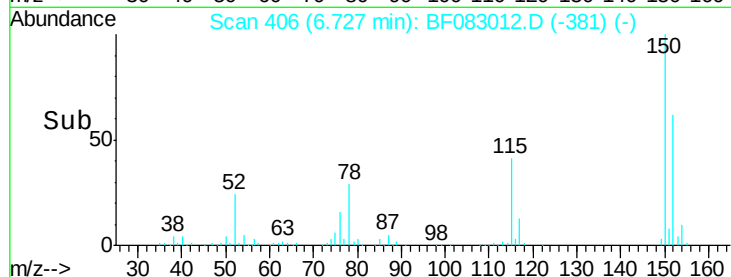
115 65.8 47.0 70.6



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: 75.16 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.00 min

Lab File: BF083012.D

Acq: 18 Nov 2015 16:06

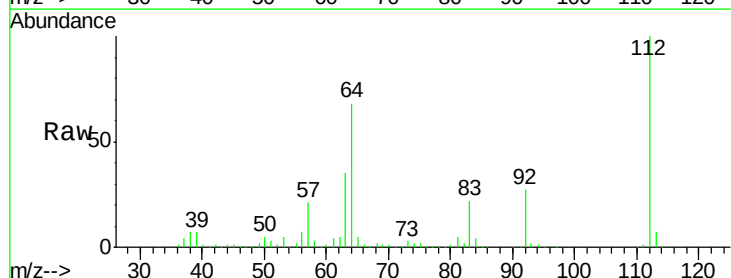
Tgt Ion:112 Resp: 721512

Ion Ratio Lower Upper

112 100

64 68.0 48.9 73.3

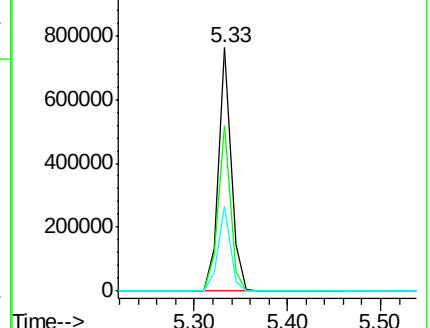
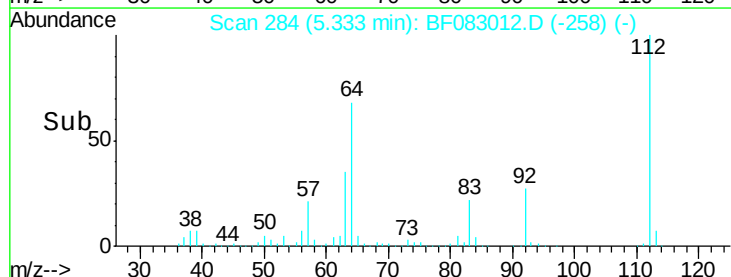
63 35.1 28.1 42.1

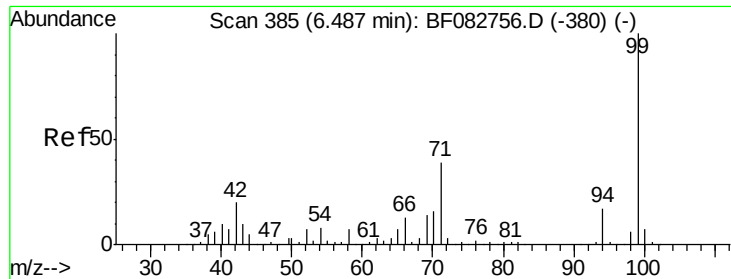


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 75.51 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF083012.D

Acq: 18 Nov 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB86622BL

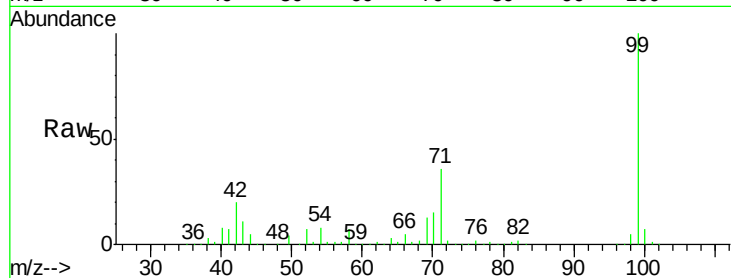
Tgt Ion: 99 Resp: 963676

Ion Ratio Lower Upper

99 100

42 20.4 19.2 28.8

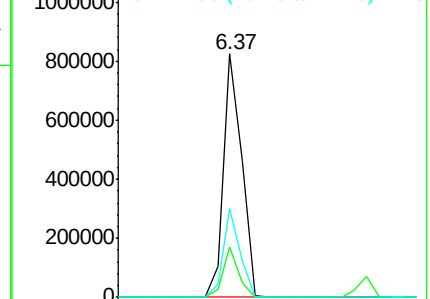
71 36.5 35.0 52.4



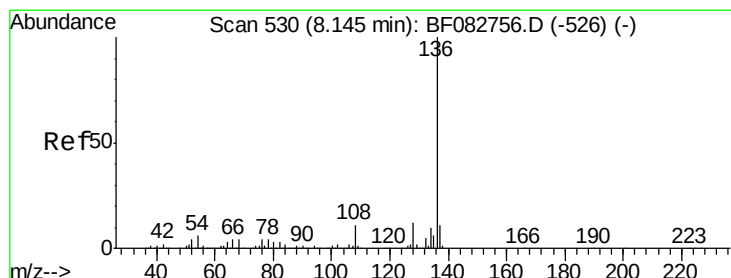
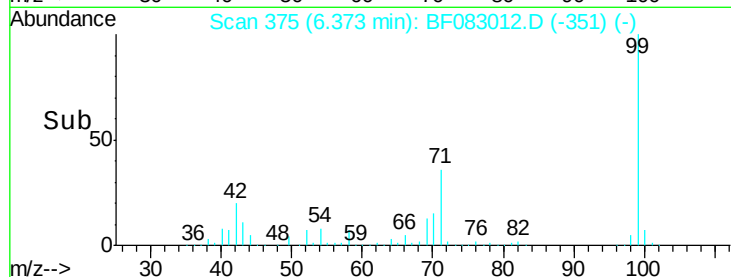
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF083012.D

Acq: 18 Nov 2015 16:06

Tgt Ion: 136 Resp: 577805

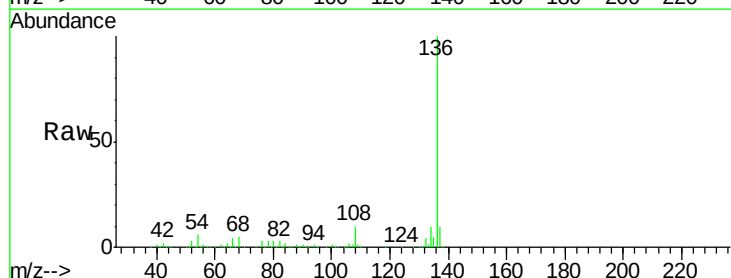
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 6.5 9.1 13.7#

68 4.7 4.8 7.2#

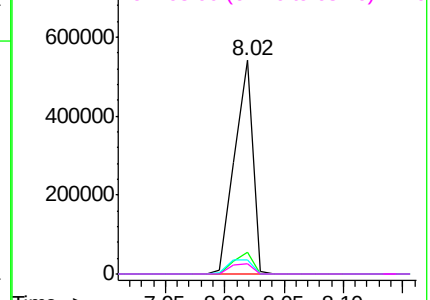


Abundance Ion 136.00 (135.70 to 136.70): E

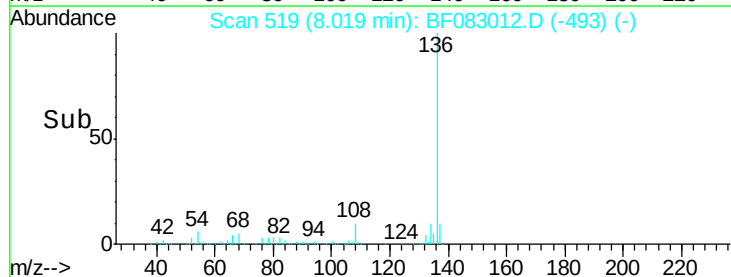
Ion 137.00 (136.70 to 137.70): E

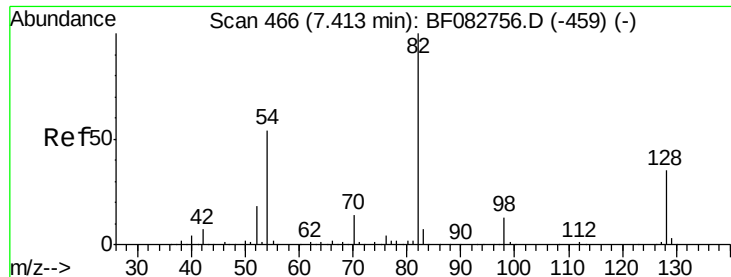
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->





#23

Nitrobenzene-d5

Concen: 75.22 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF083012.D

Acq: 18 Nov 2015 16:06

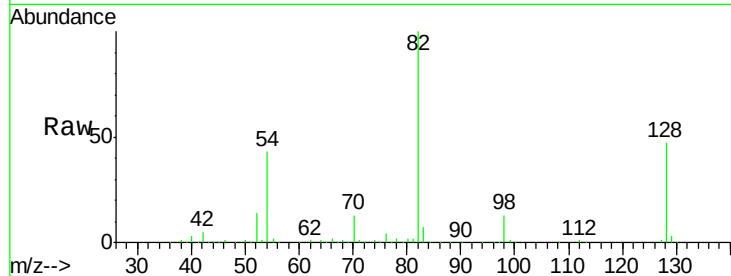
Instrument :

BNA_F

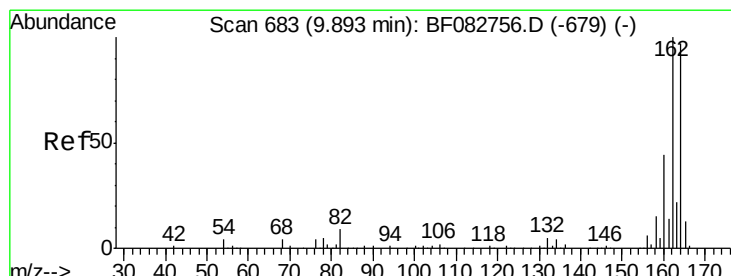
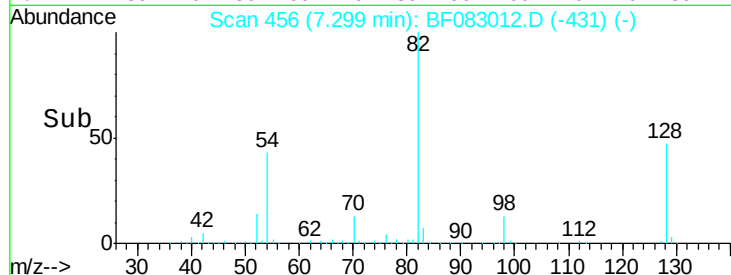
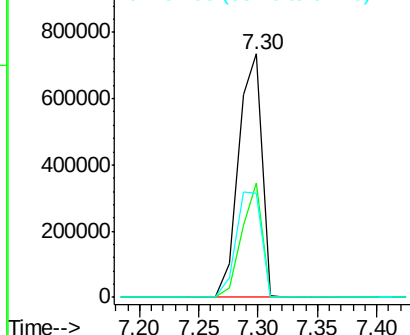
ClientSampleID :

PB86622BL

Tgt Ion:	82	Resp:	998901
Ion	Ratio	Lower	Upper
82	100		
128	46.8	26.8	40.2#
54	43.0	45.7	68.5#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

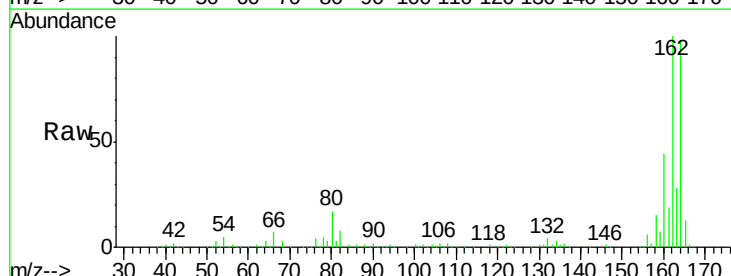
RT: 9.77 min Scan# 672

Delta R.T. -0.01 min

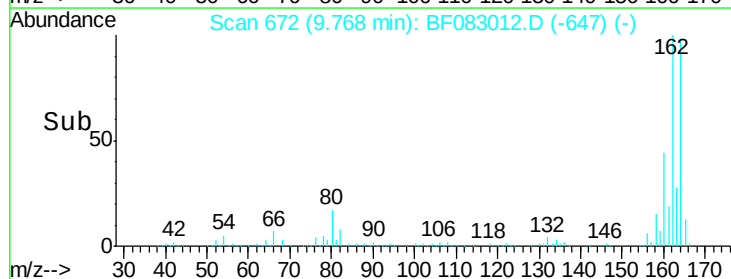
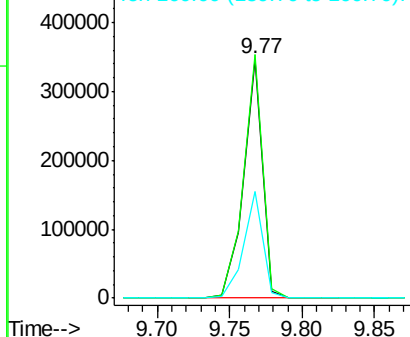
Lab File: BF083012.D

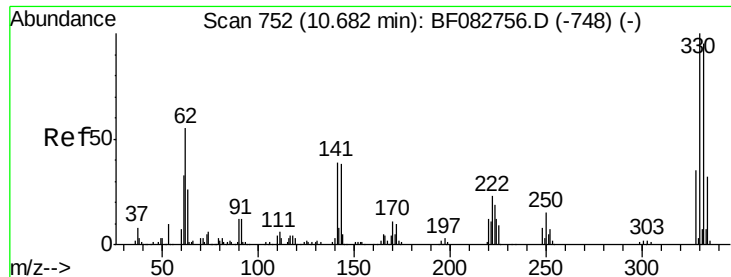
Acq: 18 Nov 2015 16:06

Tgt Ion:	164	Resp:	312588
Ion	Ratio	Lower	Upper
164	100		
162	102.1	84.9	127.3
160	44.8	37.5	56.3



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

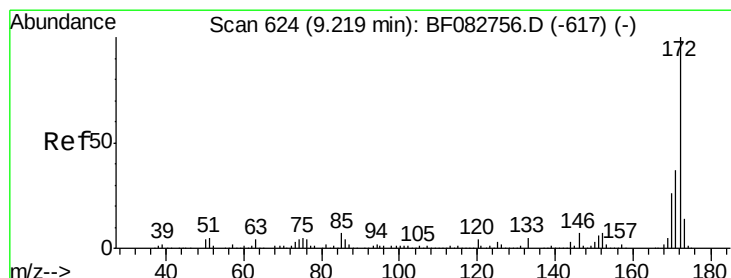
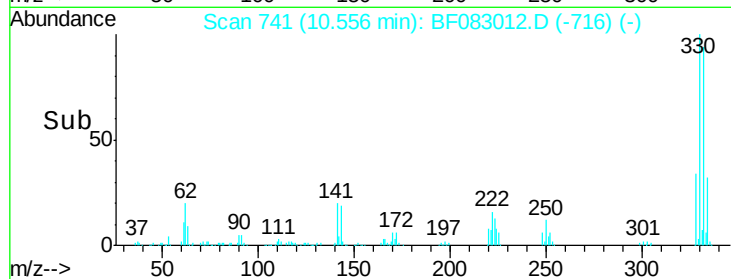
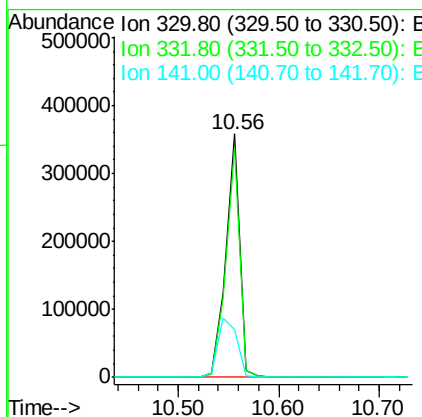
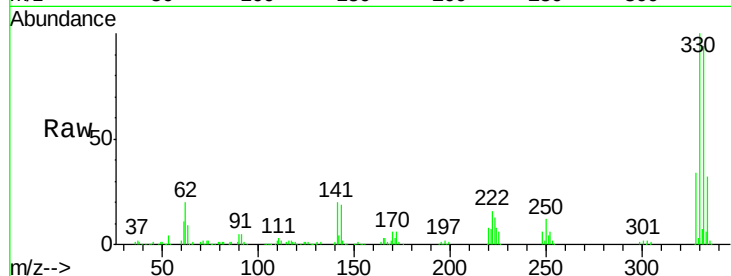




#41
 2,4,6-Tribromophenol
 Concen: 96.08 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF083012.D
 Acq: 18 Nov 2015 16:06

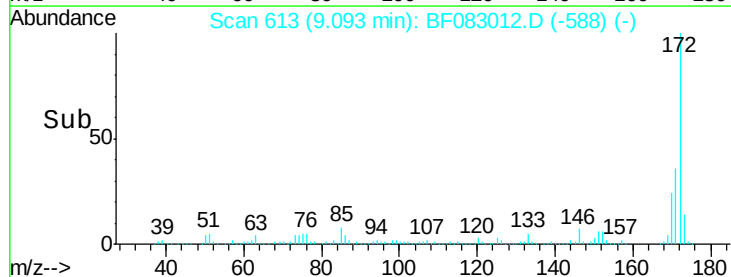
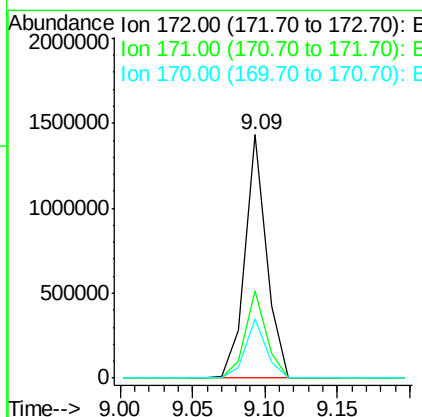
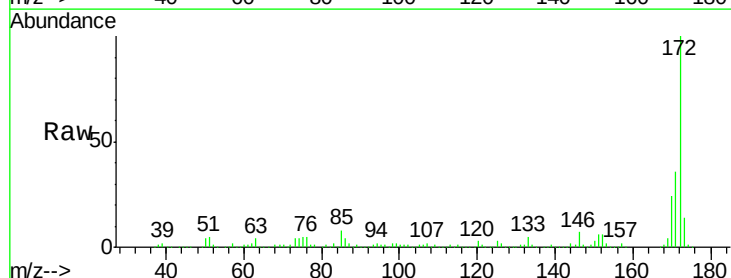
Instrument :
 BNA_F
 ClientSampleId :
 PB86622BL

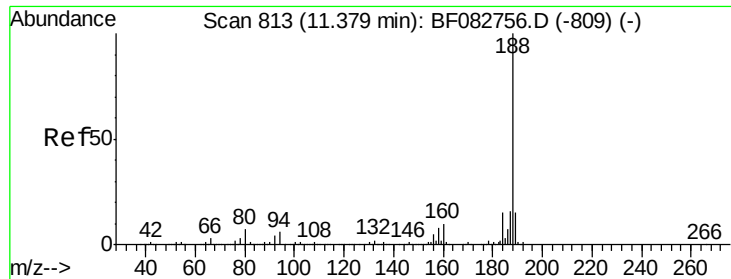
Tgt Ion:330 Resp: 344360
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.6 114.8
 141 33.4 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 67.61 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF083012.D
 Acq: 18 Nov 2015 16:06

Tgt Ion:172 Resp: 1474531
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.8 46.2
 170 24.3 21.2 31.8

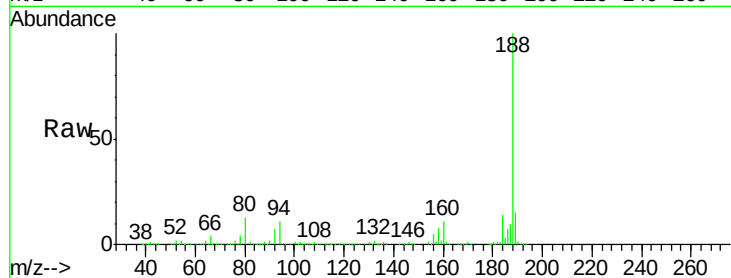




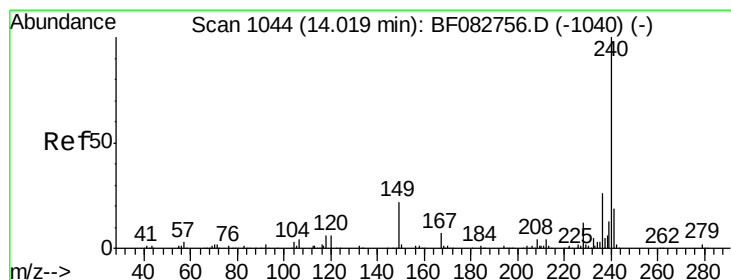
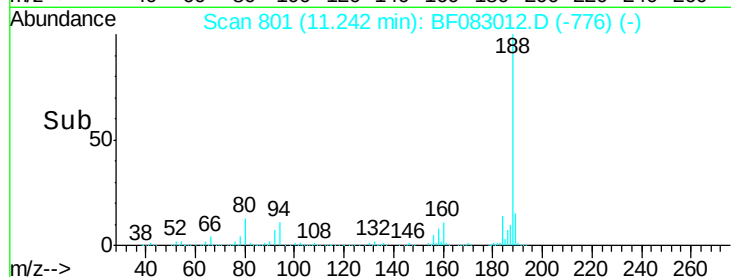
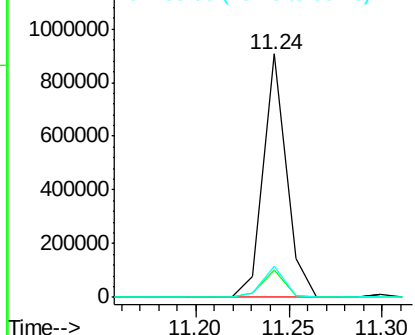
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF083012.D
Acq: 18 Nov 2015 16:06

Instrument :
BNA_F
ClientSampleId :
PB86622BL

Tgt Ion:188 Resp: 776744
Ion Ratio Lower Upper
188 100
94 11.4 6.1 9.1#
80 12.9 7.0 10.6#

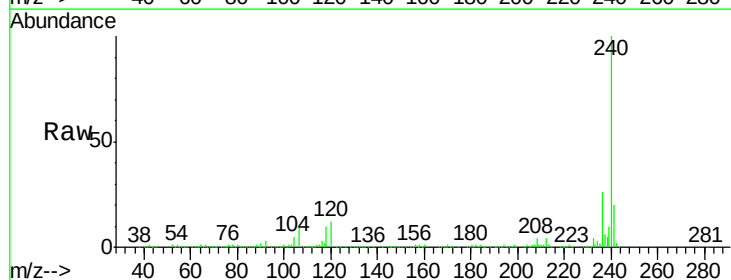


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

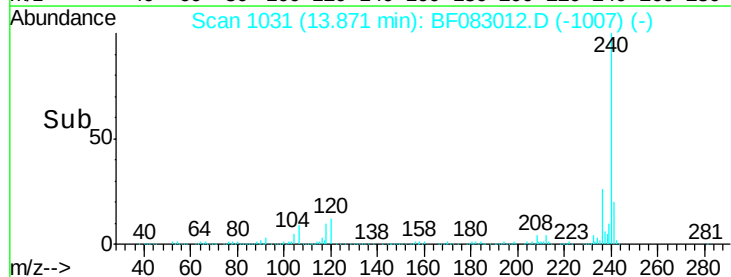
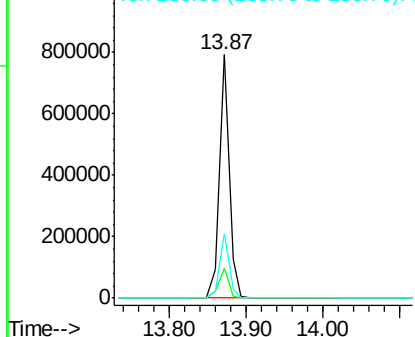


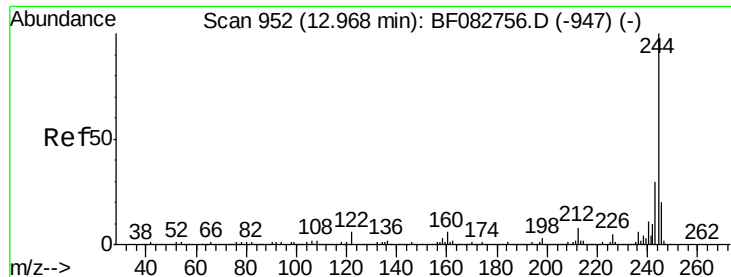
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF083012.D
Acq: 18 Nov 2015 16:06

Tgt Ion:240 Resp: 706320
Ion Ratio Lower Upper
240 100
120 12.2 10.9 16.3
236 26.3 21.6 32.4



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: 68.56 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF083012.D

Acq: 18 Nov 2015 16:06

Instrument :

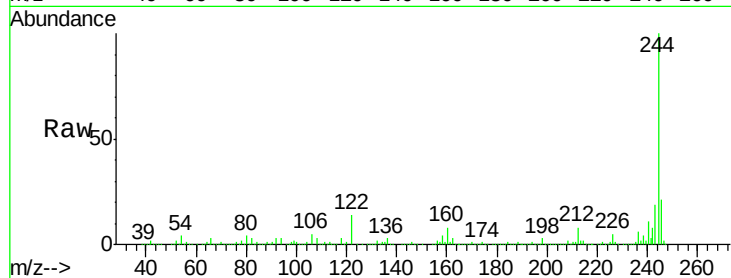
BNA_F

ClientSampleId :

PB86622BL

Tgt Ion:244 Resp: 2041789

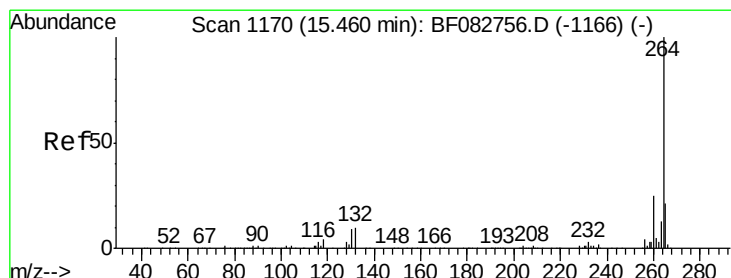
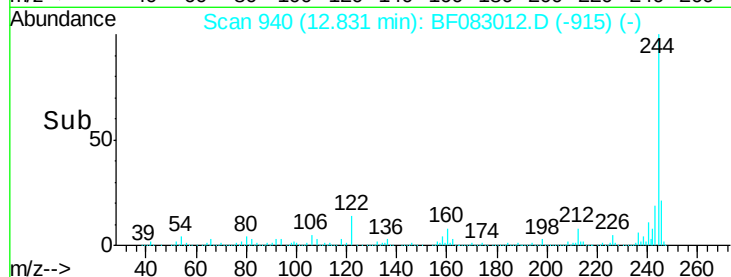
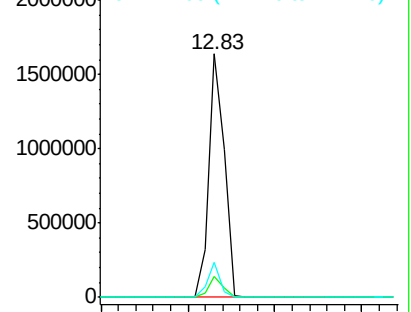
Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.6	11.4
122	14.2	11.3	16.9



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: 15.27 min Scan# 1153

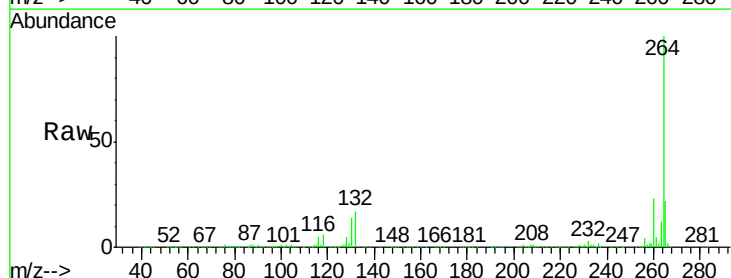
Delta R.T. -0.01 min

Lab File: BF083012.D

Acq: 18 Nov 2015 16:06

Tgt Ion:264 Resp: 553532

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.8	29.6
265	21.6	17.4	26.0



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

