

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
 Data File : BF083015.D
 Acq On : 18 Nov 2015 17:33
 Operator : UM/IZ
 Sample : PB86700BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86700BL

Quant Time: Nov 19 02:46:41 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	232733	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	887202	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	310127	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	608886	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	737562	20.00	ng	-0.02
86) Perylene-d12	15.27	264	609684	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1213180	81.11	ng	0.01
7) Phenol-d6	6.38	99	2215748	111.43	ng	-0.01
23) Nitrobenzene-d5	7.30	82	1440344	70.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	374760	105.39	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1991662	92.04	ng	-0.01
78) Terphenyl-d14	12.83	244	2253086	72.45	ng	-0.01

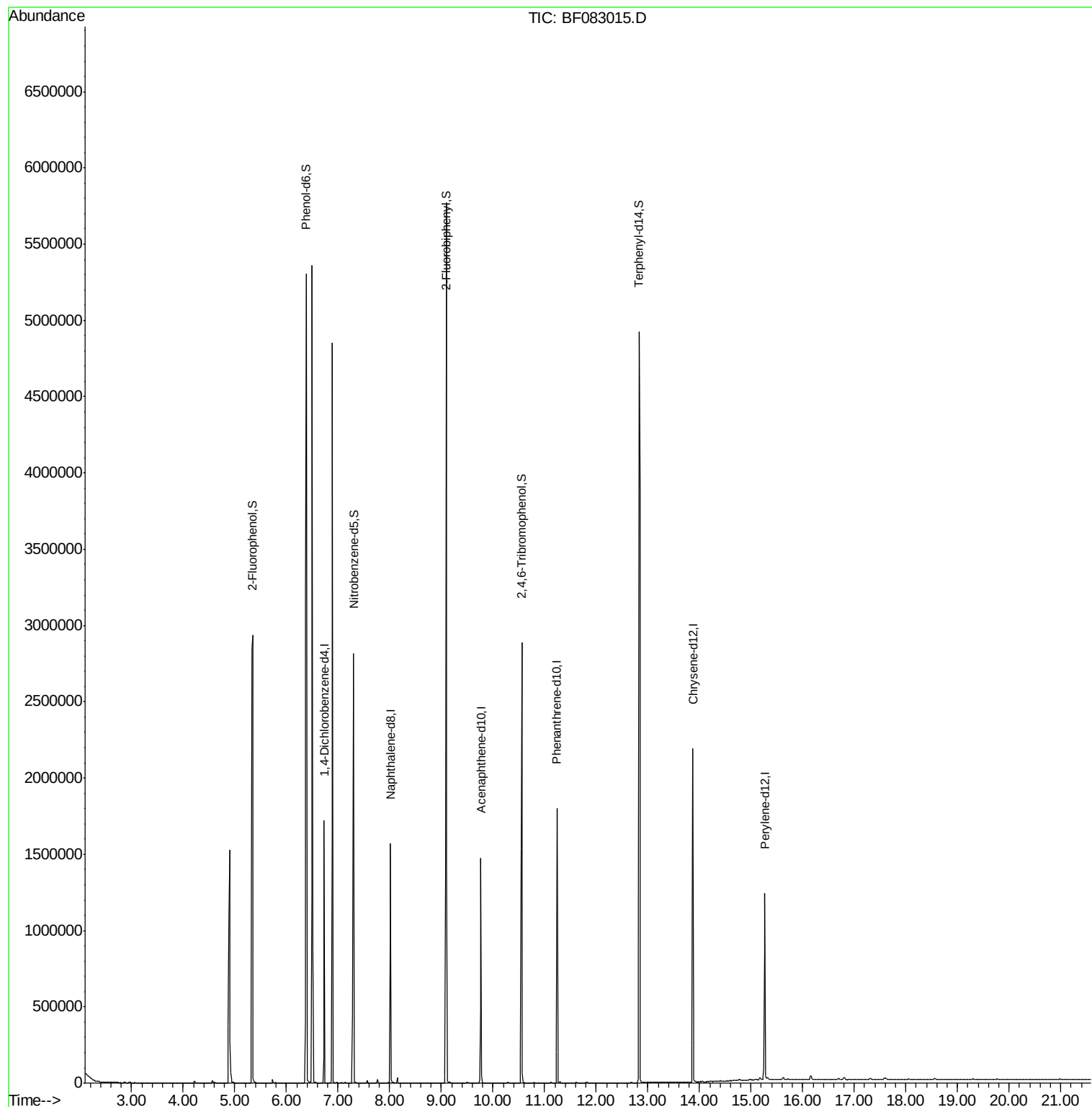
Target Compounds	Qvalue
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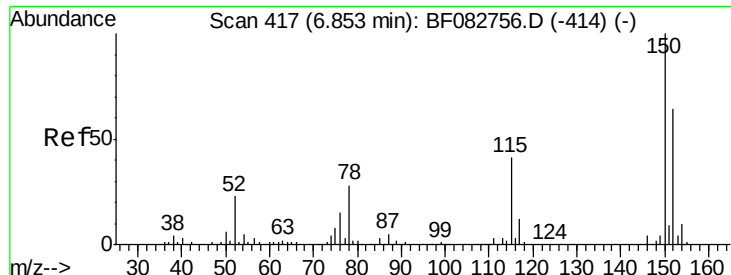
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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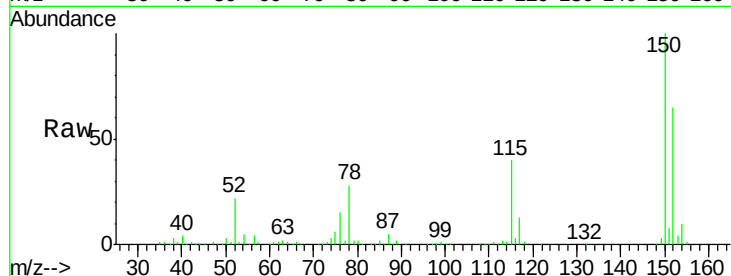




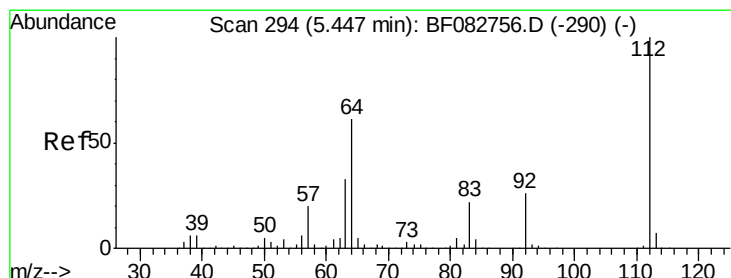
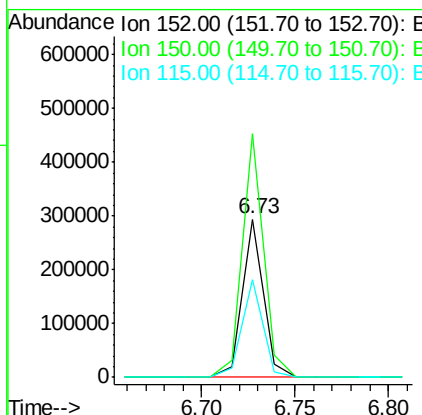
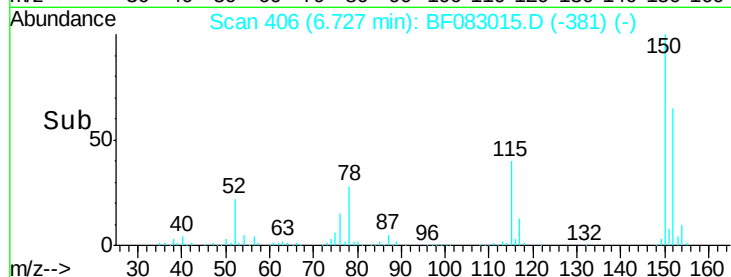
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.73 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: BF083015.D
 Acq: 18 Nov 2015 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB86700BL

Tgt Ion:152 Resp: 232733
 Ion Ratio Lower Upper
 152 100
 150 153.9 127.0 190.4
 115 61.7 47.0 70.6

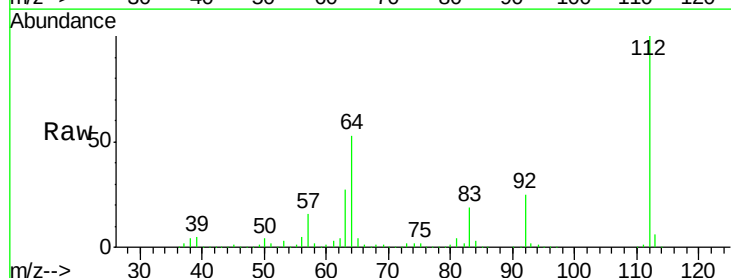


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

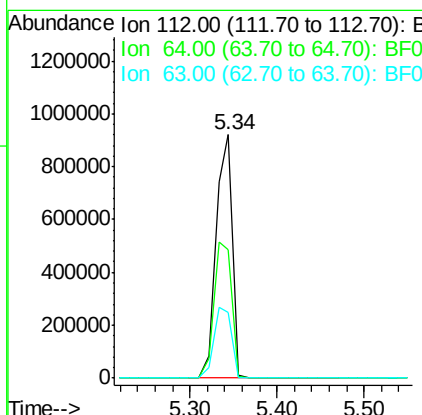
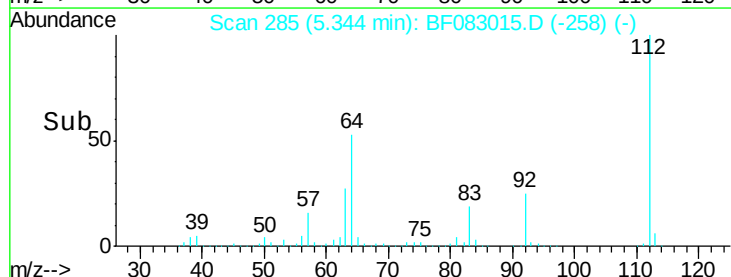


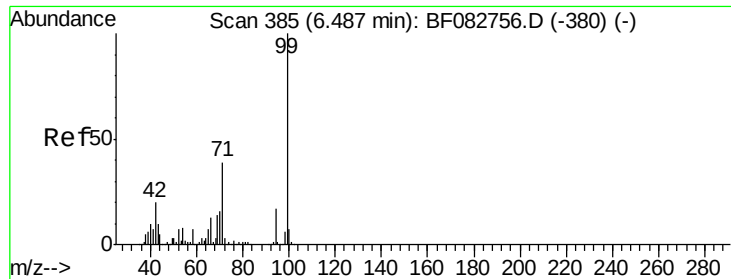
#5
 2-Fluorophenol
 Concen: 81.11 ng
 RT: 5.34 min Scan# 285
 Delta R.T. 0.01 min
 Lab File: BF083015.D
 Acq: 18 Nov 2015 17:33

Tgt Ion:112 Resp: 1213180
 Ion Ratio Lower Upper
 112 100
 64 52.8 48.9 73.3
 63 26.7 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: 111.43 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF083015.D

Acq: 18 Nov 2015 17:33

Instrument :

BNA_F

ClientSampleId :

PB86700BL

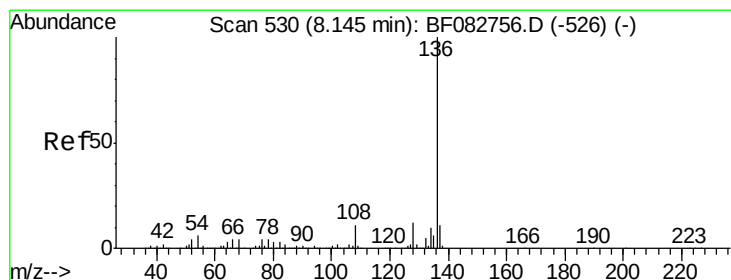
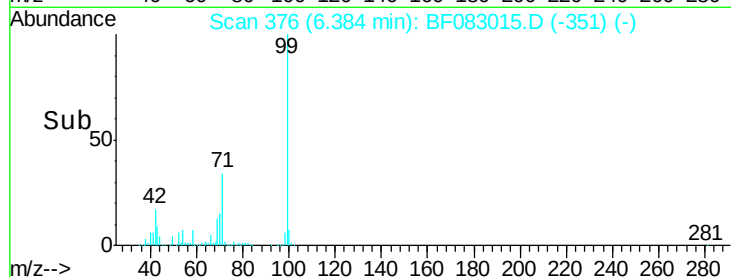
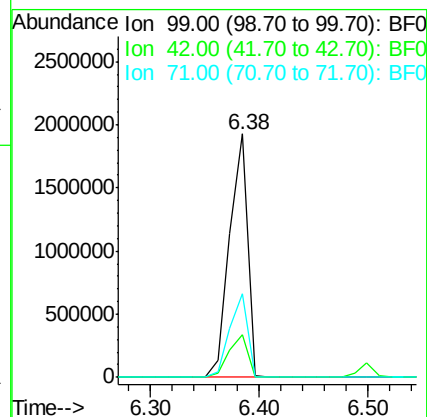
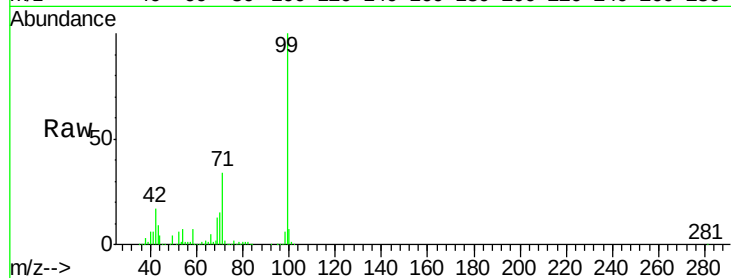
Tgt Ion: 99 Resp: 2215748

Ion Ratio Lower Upper

99 100

42 17.3 19.2 28.8#

71 34.2 35.0 52.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF083015.D

Acq: 18 Nov 2015 17:33

Tgt Ion: 136 Resp: 887202

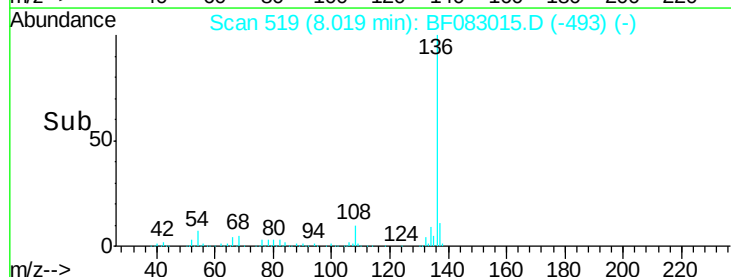
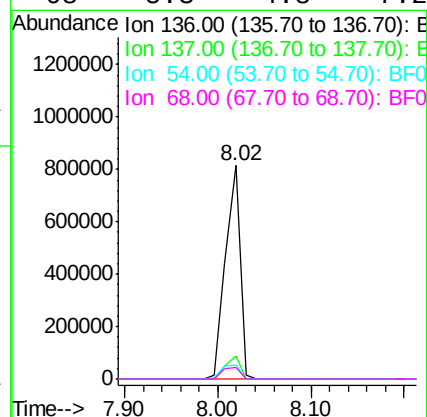
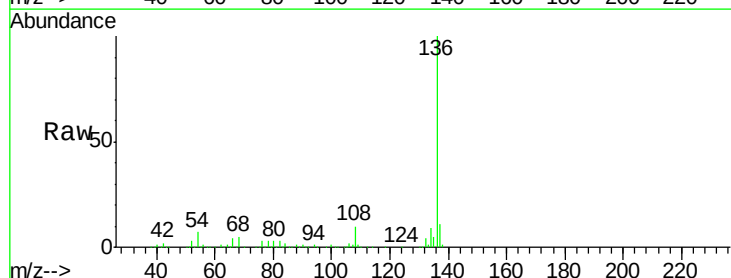
Ion Ratio Lower Upper

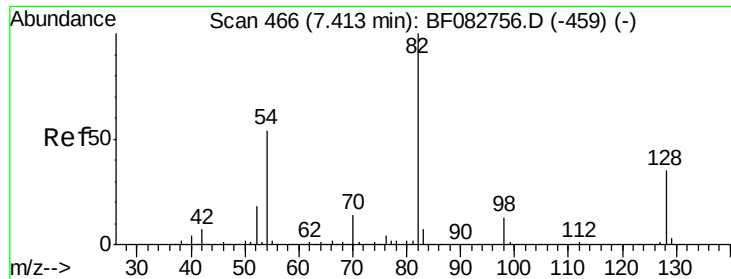
136 100

137 10.9 9.1 13.7

54 6.6 9.1 13.7#

68 5.3 4.8 7.2

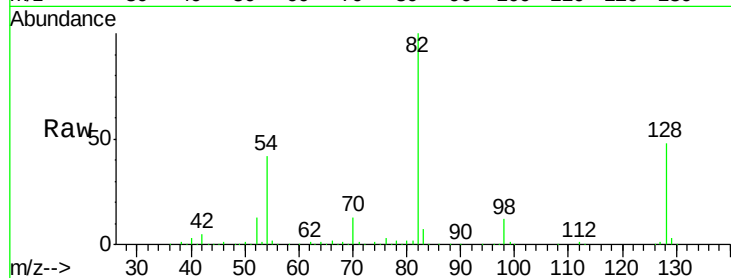




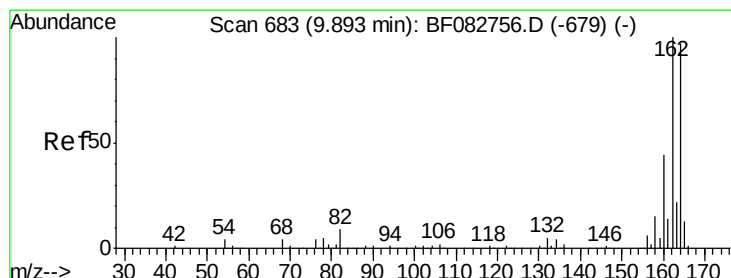
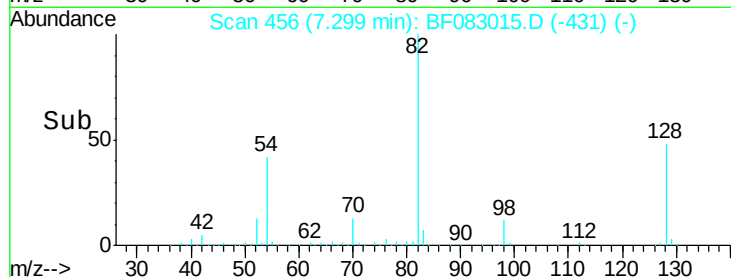
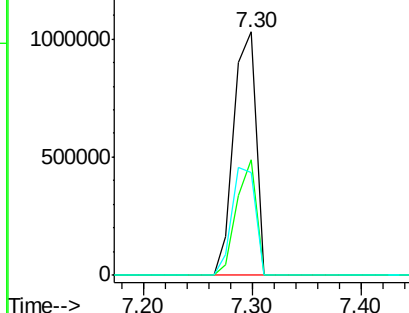
#23
 Nitrobenzene-d5
 Concen: 70.64 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF083015.D
 Acq: 18 Nov 2015 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB86700BL

Tgt Ion: 82 Resp: 1440344
 Ion Ratio Lower Upper
 82 100
 128 47.5 26.8 40.2#
 54 42.2 45.7 68.5#

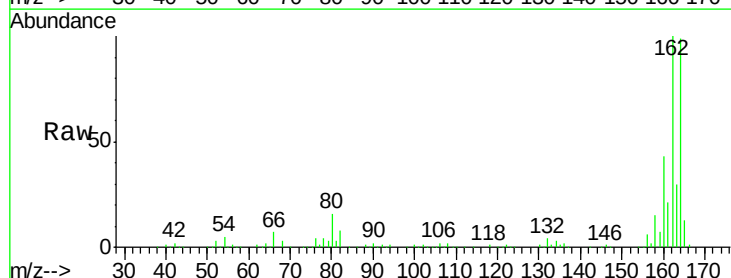


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

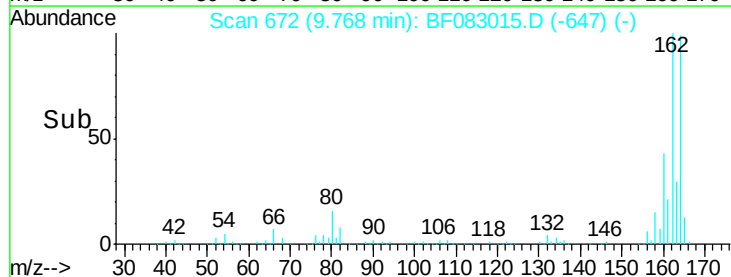
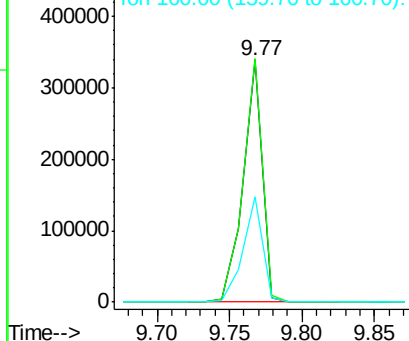


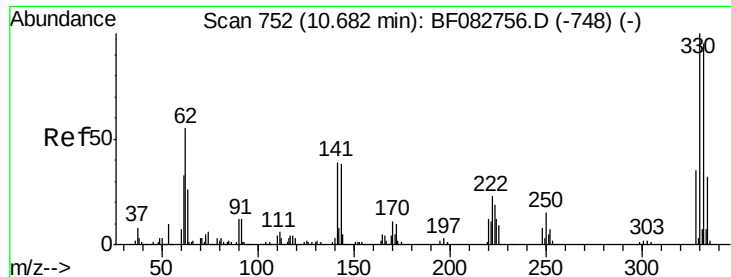
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF083015.D
 Acq: 18 Nov 2015 17:33

Tgt Ion: 164 Resp: 310127
 Ion Ratio Lower Upper
 164 100
 162 100.7 84.9 127.3
 160 43.7 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

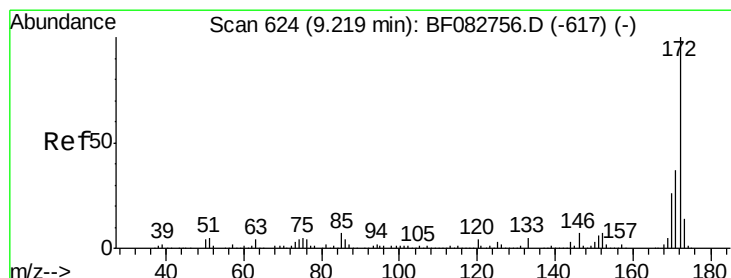
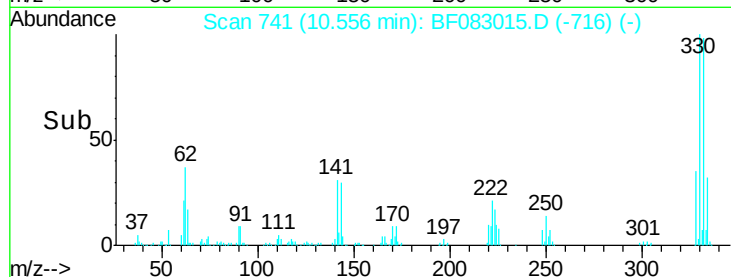
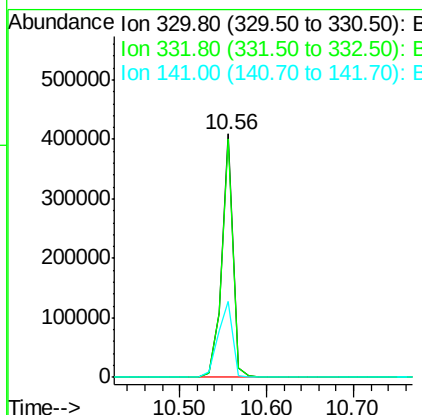
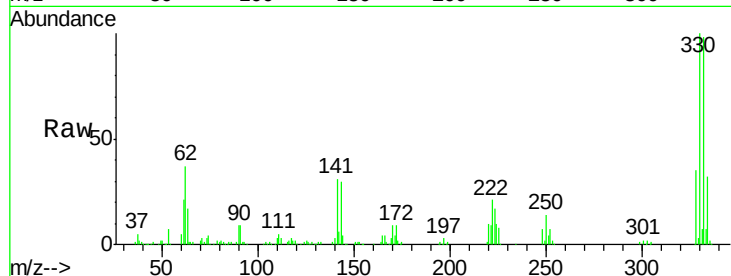




#41
 2,4,6-Tribromophenol
 Concen: 105.39 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF083015.D
 Acq: 18 Nov 2015 17:33

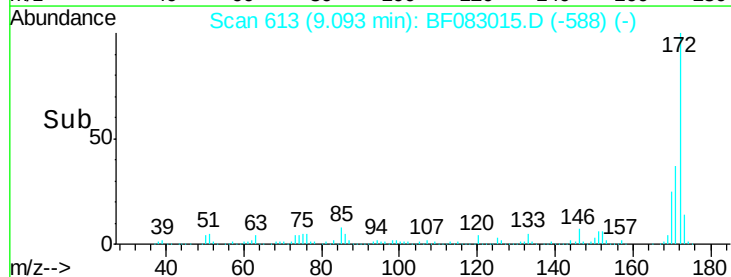
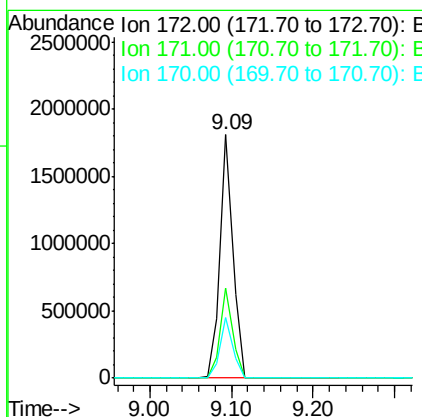
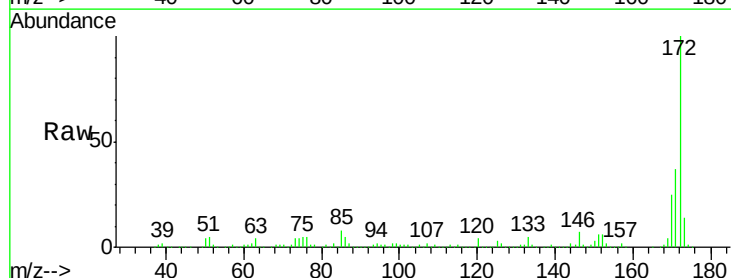
Instrument :
 BNA_F
 ClientSampleId :
 PB86700BL

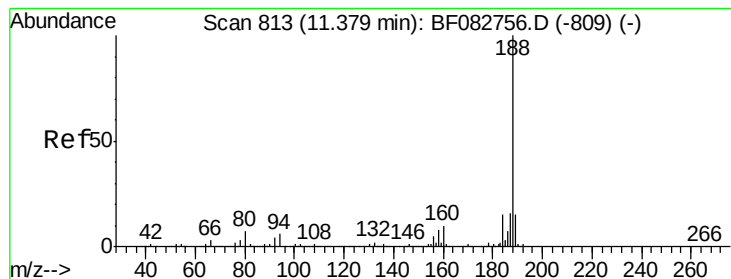
Tgt Ion:330 Resp: 374760
 Ion Ratio Lower Upper
 330 100
 332 98.6 76.6 114.8
 141 39.8 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 92.04 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF083015.D
 Acq: 18 Nov 2015 17:33

Tgt Ion:172 Resp: 1991662
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.8 46.2
 170 24.9 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: BF083015.D

Acq: 18 Nov 2015 17:33

Instrument :

BNA_F

ClientSampleId :

PB86700BL

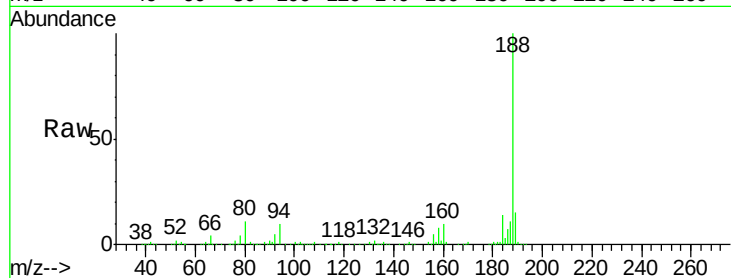
Tgt Ion:188 Resp: 608886

Ion Ratio Lower Upper

188 100

94 10.1 6.1 9.1#

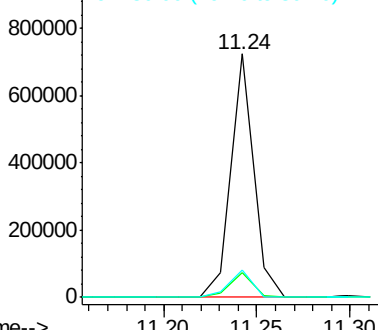
80 11.4 7.0 10.6#



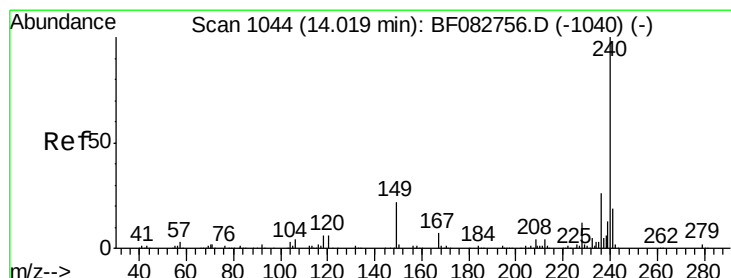
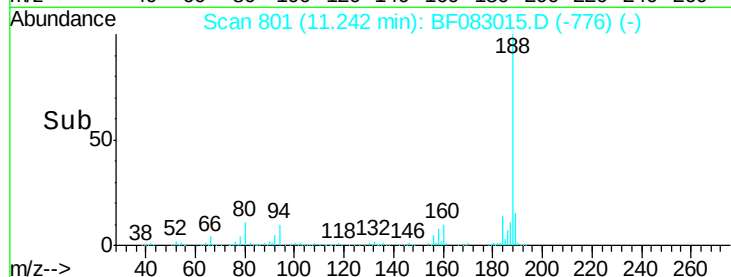
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF083015.D

Acq: 18 Nov 2015 17:33

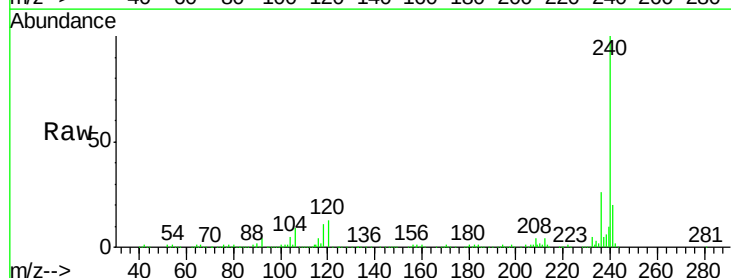
Tgt Ion:240 Resp: 737562

Ion Ratio Lower Upper

240 100

120 12.6 10.9 16.3

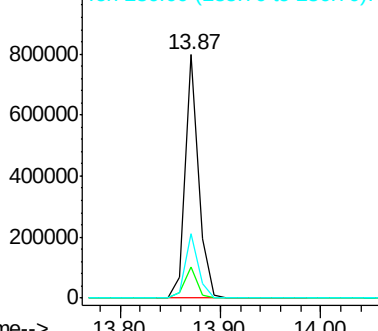
236 26.3 21.6 32.4



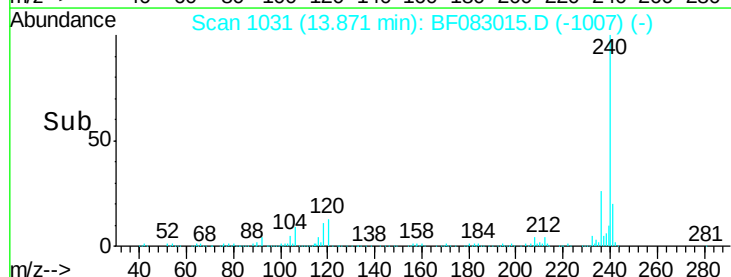
Abundance Ion 240.00 (239.70 to 240.70): E

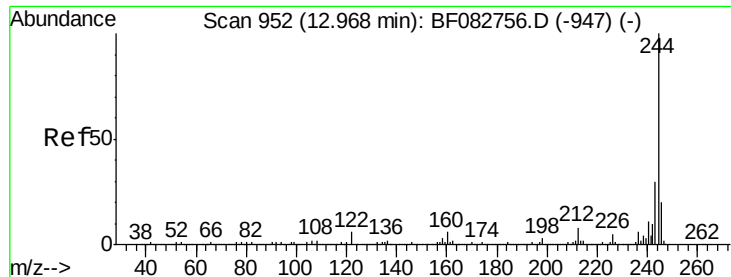
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 72.45 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF083015.D

Acq: 18 Nov 2015 17:33

Instrument :

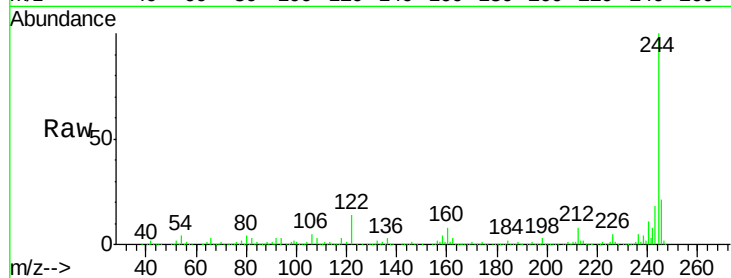
BNA_F

ClientSampleId :

PB86700BL

Tgt Ion:244 Resp: 2253086

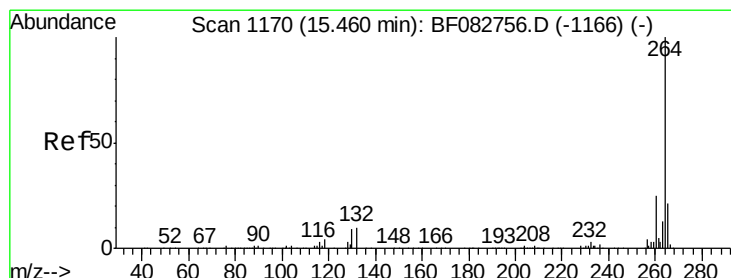
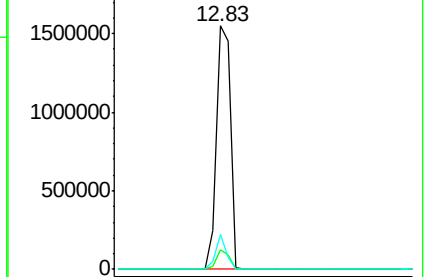
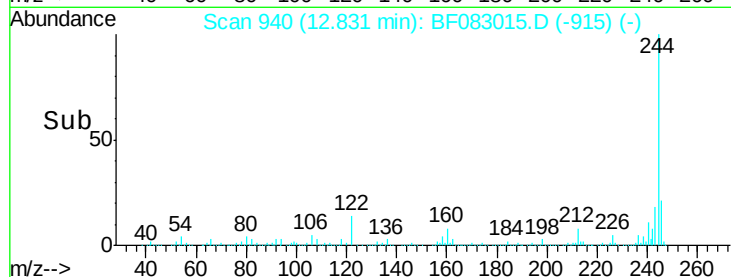
Ion	Ratio	Lower	Upper
244	100		
212	7.9	7.6	11.4
122	14.3	11.3	16.9



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

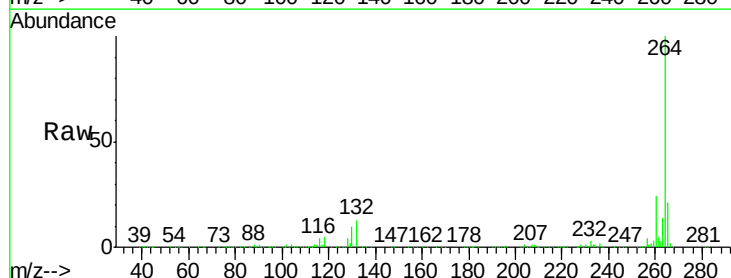
Delta R.T. -0.01 min

Lab File: BF083015.D

Acq: 18 Nov 2015 17:33

Tgt Ion:264 Resp: 609684

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.6
265	21.2	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

