

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
 Data File : BF083003.D
 Acq On : 18 Nov 2015 9:20
 Operator : UM/IZ
 Sample : G4443-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151109MGP215BRV84

Quant Time: Nov 18 15:38:14 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	6.75	152	168693	20.00	ng	0.01
21) Naphthalene-d8	8.04	136	655897	20.00	ng	0.02
38) Acenaphthene-d10	9.79	164	340765	20.00	ng	0.01
63) Phenanthrene-d10	11.26	188	598531	20.00	ng	0.01
75) Chrysene-d12	13.91	240	687953	20.00	ng	0.01
86) Perylene-d12	15.30	264	525737	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	622731	57.44	ng	0.02
7) Phenol-d6	6.40	99	543719	37.72	ng	0.00
23) Nitrobenzene-d5	7.32	82	1313901	87.16	ng	0.01
41) 2,4,6-Tribromophenol	10.58	330	395651	101.26	ng	0.01
44) 2-Fluorobiphenyl	9.12	172	1853715	77.97	ng	0.01
78) Terphenyl-d14	12.86	244	2310799	79.67	ng	0.02

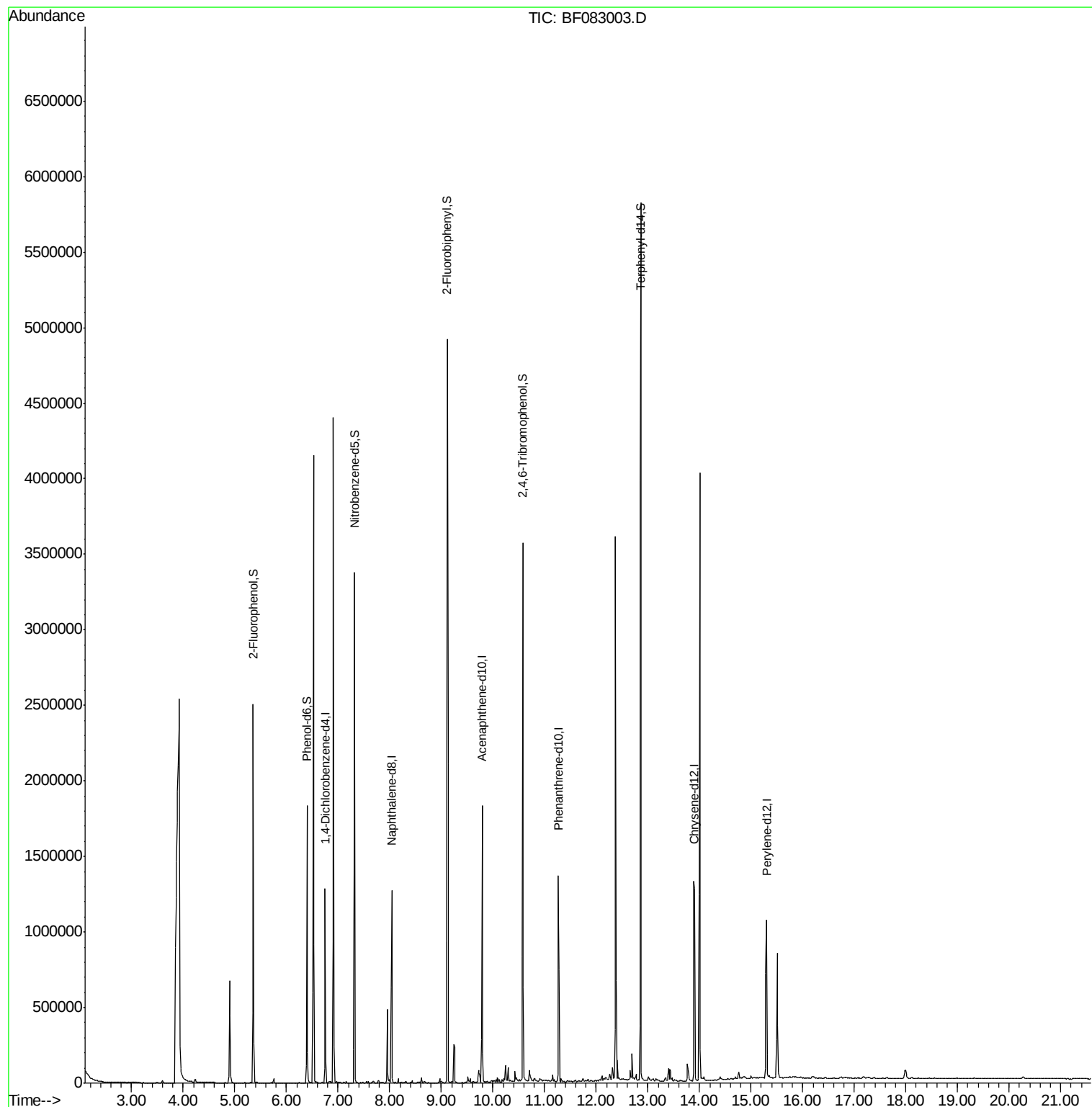
Target Compounds	Qvalue
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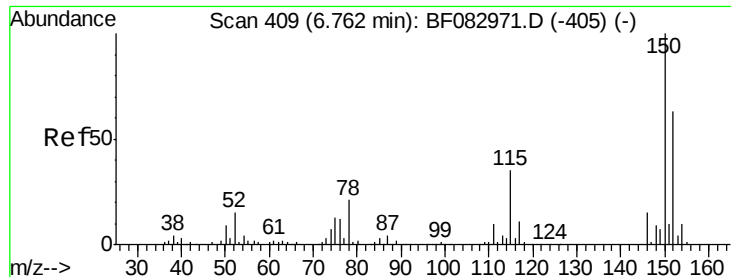
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.01 min

Lab File: BF083003.D

Acq: 18 Nov 2015 9:20

Instrument :

BNA_F

ClientSampleId :

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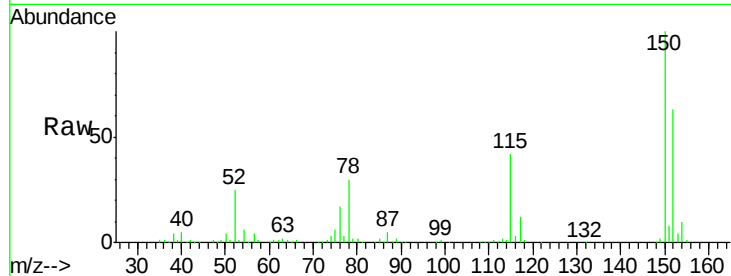
Tgt Ion:152 Resp: 168693

Ion Ratio Lower Upper

152 100

150 158.8 127.0 190.4

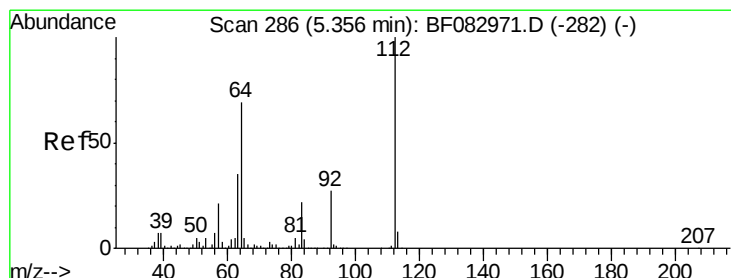
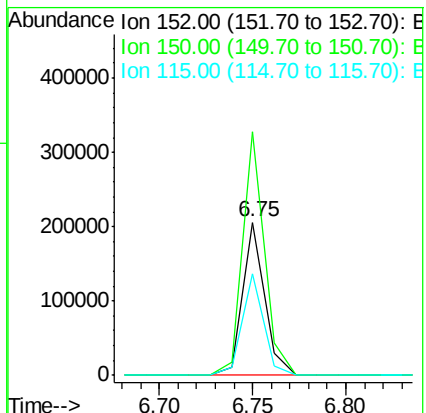
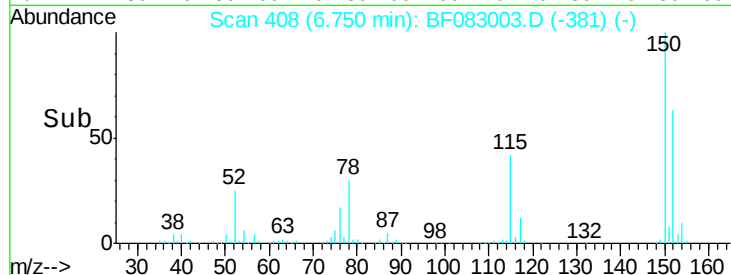
115 66.5 47.0 70.6



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: 57.44 ng

RT: 5.36 min Scan# 286

Delta R.T. 0.02 min

Lab File: BF083003.D

Acq: 18 Nov 2015 9:20

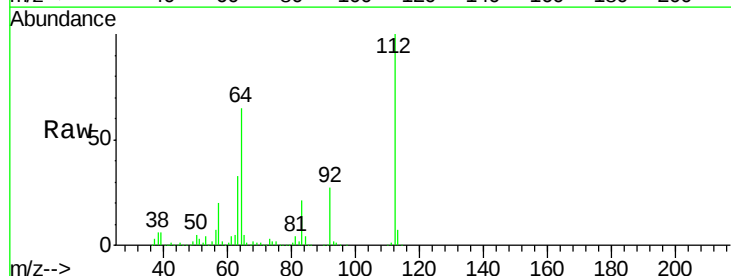
Tgt Ion:112 Resp: 622731

Ion Ratio Lower Upper

112 100

64 64.8 48.9 73.3

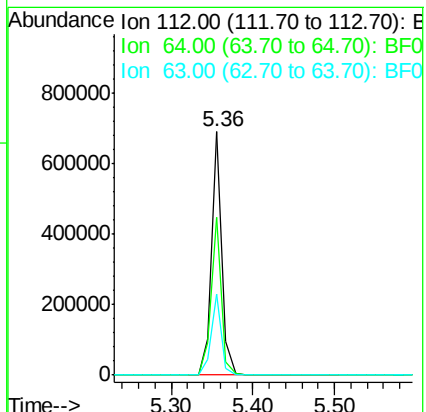
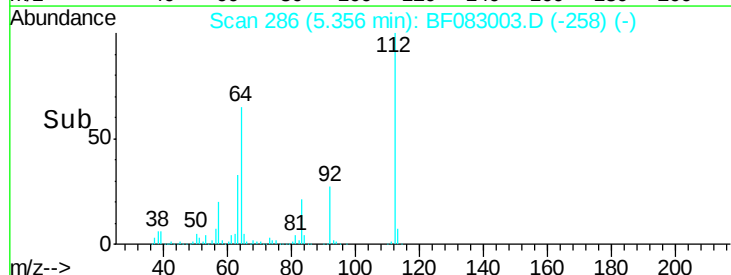
63 33.2 28.1 42.1



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: 37.72 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF083003.D

Acq: 18 Nov 2015 9:20

Instrument :

BNA_F

ClientSampleId :

20151109MGP215BRV84

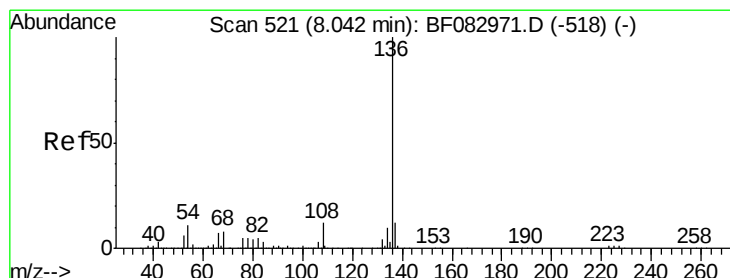
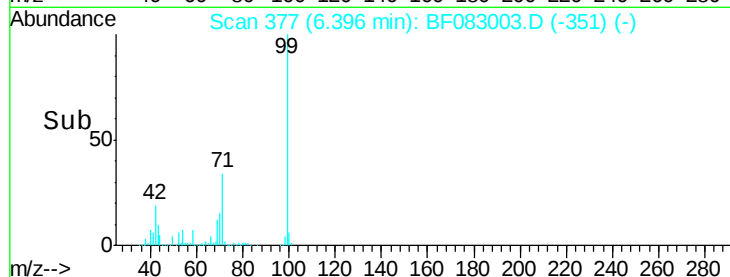
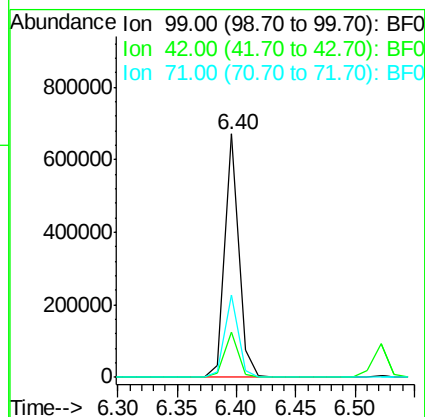
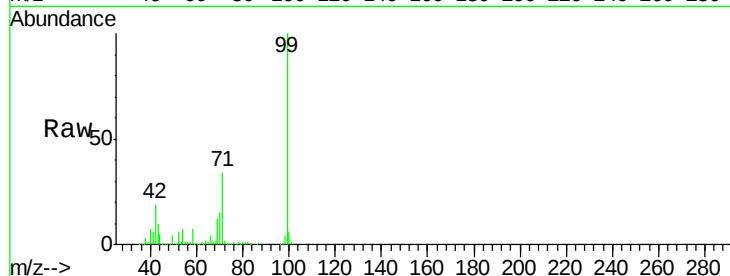
Tgt Ion: 99 Resp: 543719

Ion Ratio Lower Upper

99 100

42 18.6 19.2 28.8#

71 33.6 35.0 52.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.02 min

Lab File: BF083003.D

Acq: 18 Nov 2015 9:20

Tgt Ion: 136 Resp: 655897

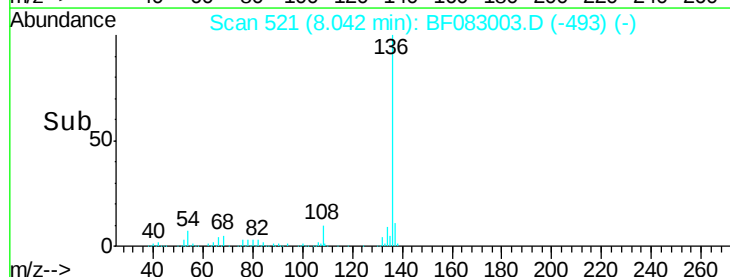
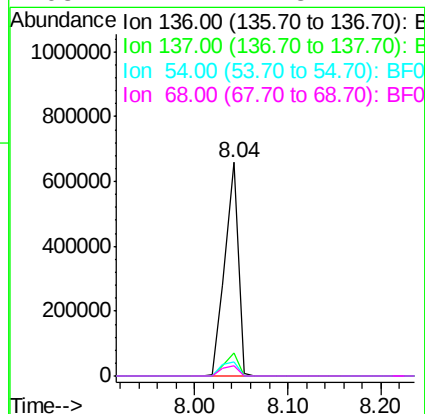
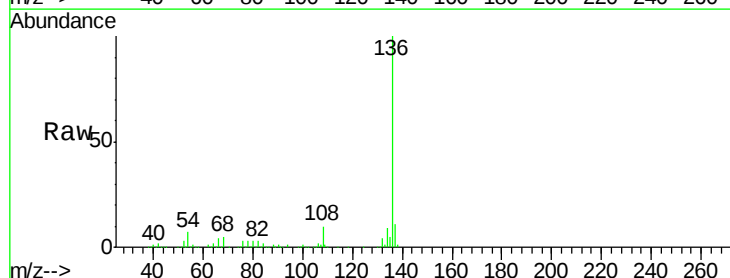
Ion Ratio Lower Upper

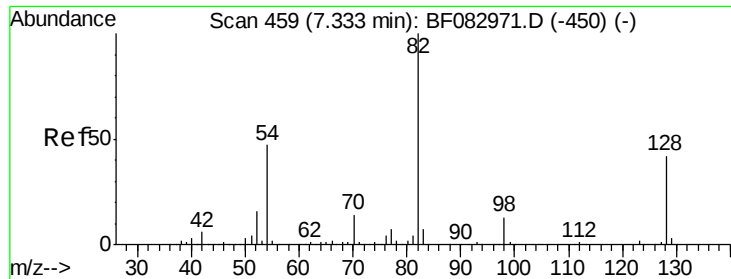
136 100

137 10.8 9.1 13.7

54 6.7 9.1 13.7#

68 4.7 4.8 7.2#

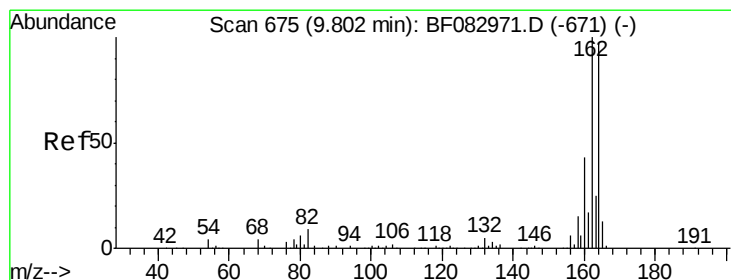
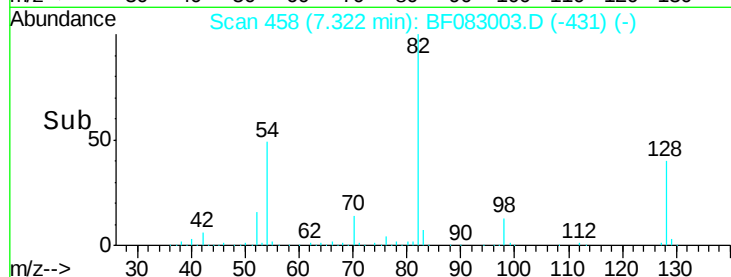
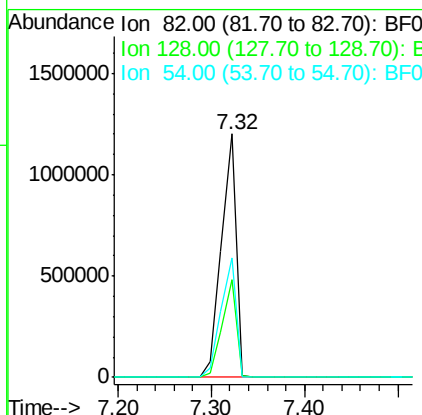
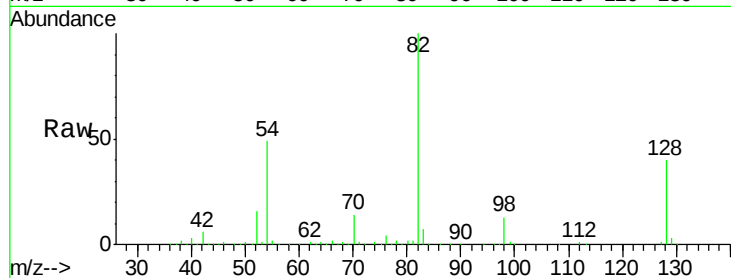




#23
 Nitrobenzene-d5
 Concen: 87.16 ng
 RT: 7.32 min Scan# 458
 Delta R.T. 0.01 min
 Lab File: BF083003.D
 Acq: 18 Nov 2015 9:20

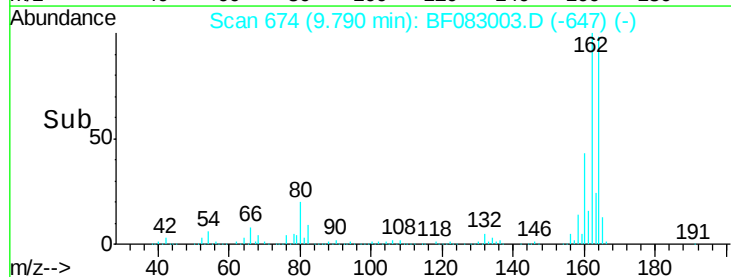
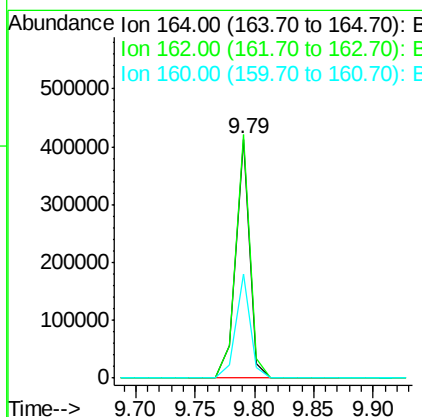
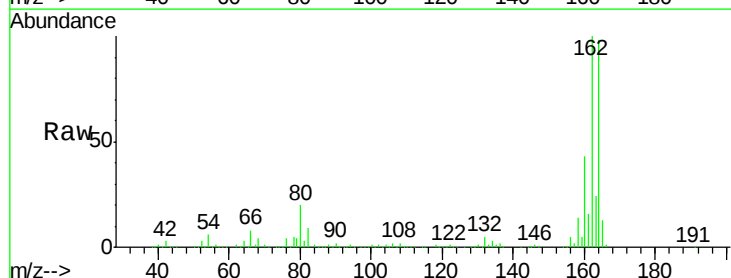
Instrument :
 BNA_F
 ClientSampleId :
 20151109MGP215BRV84

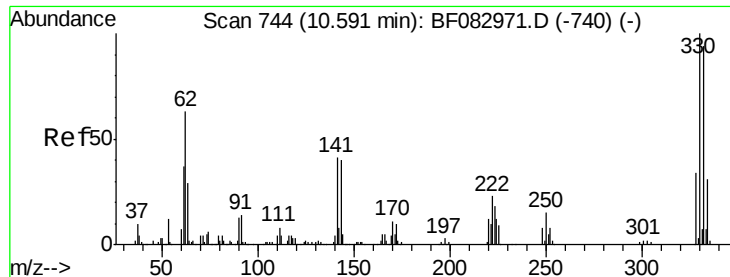
Tgt Ion: 82 Resp: 1313901
 Ion Ratio Lower Upper
 82 100
 128 40.3 26.8 40.2#
 54 49.3 45.7 68.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. 0.01 min
 Lab File: BF083003.D
 Acq: 18 Nov 2015 9:20

Tgt Ion: 164 Resp: 340765
 Ion Ratio Lower Upper
 164 100
 162 101.8 84.9 127.3
 160 43.4 37.5 56.3

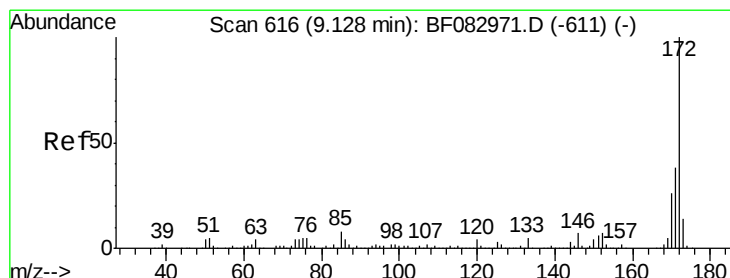
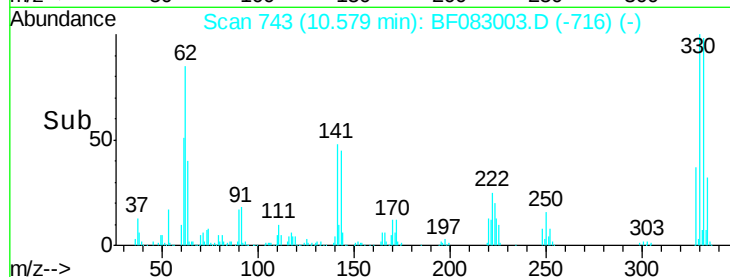
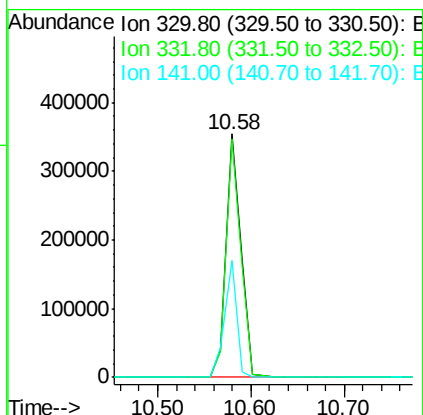
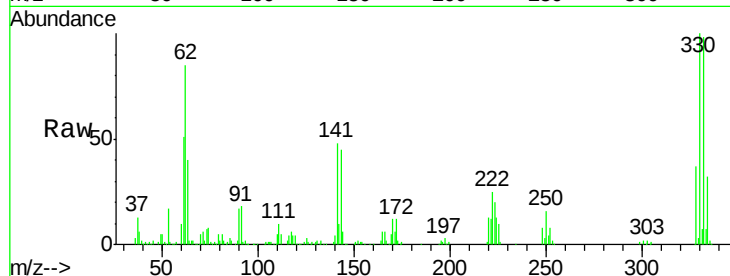




#41
 2,4,6-Tribromophenol
 Concen: 101.26 ng
 RT: 10.58 min Scan# 743
 Delta R.T. 0.01 min
 Lab File: BF083003.D
 Acq: 18 Nov 2015 9:20

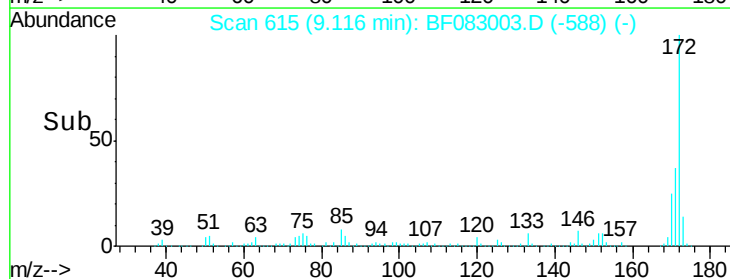
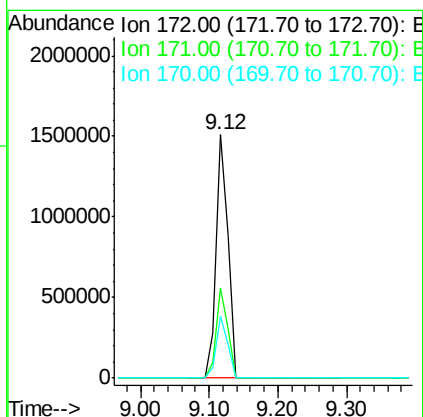
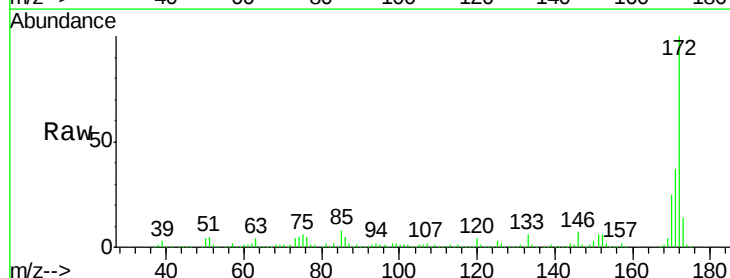
Instrument :
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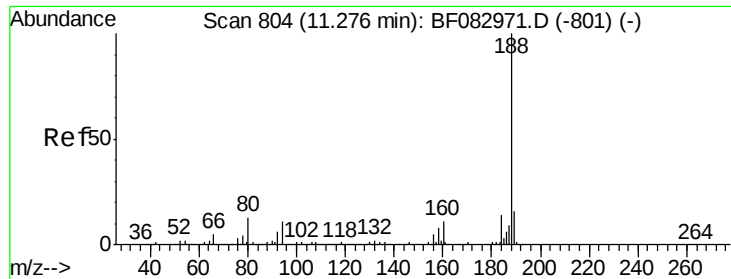
Tgt Ion:330 Resp: 395651
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 39.1 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 77.97 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.01 min
 Lab File: BF083003.D
 Acq: 18 Nov 2015 9:20

Tgt Ion:172 Resp: 1853715
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.8 46.2
 170 25.2 21.2 31.8

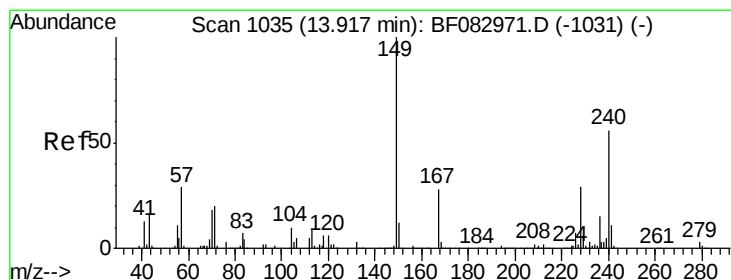
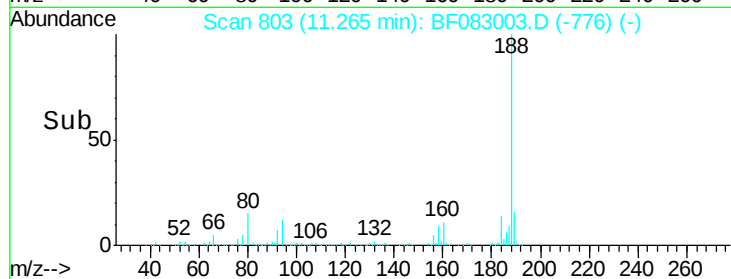
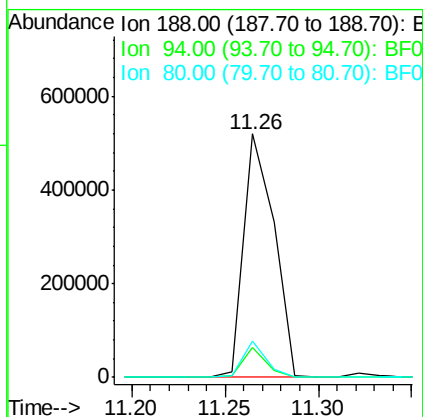
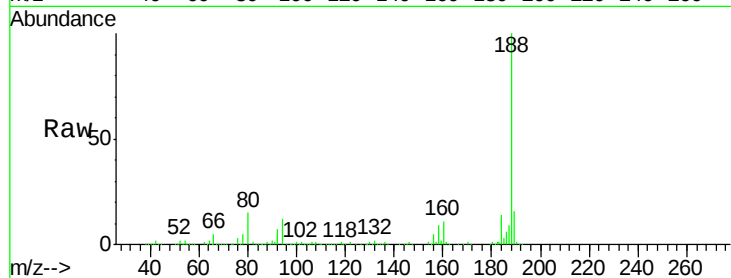




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF083003.D
Acq: 18 Nov 2015 9:20

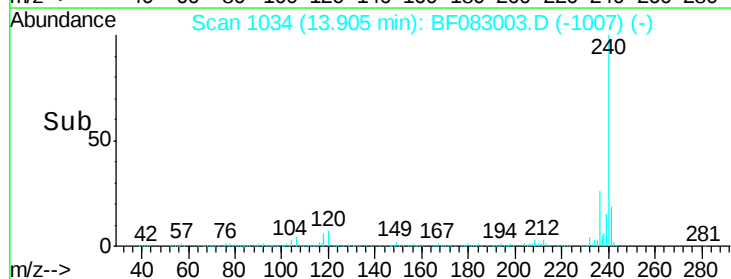
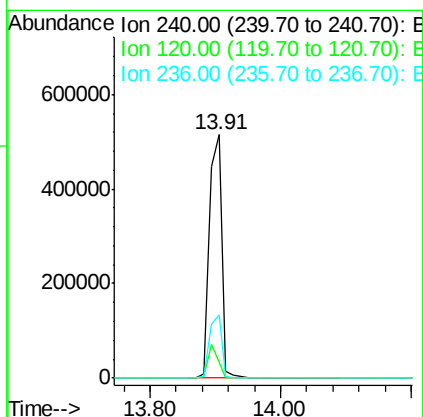
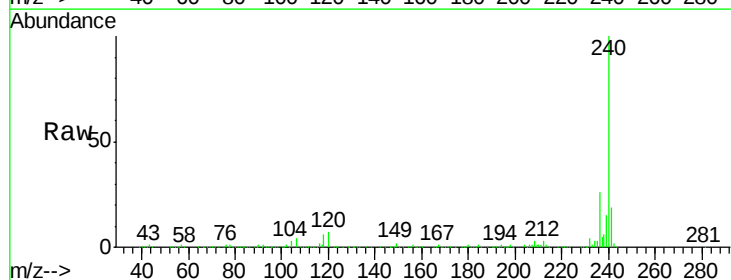
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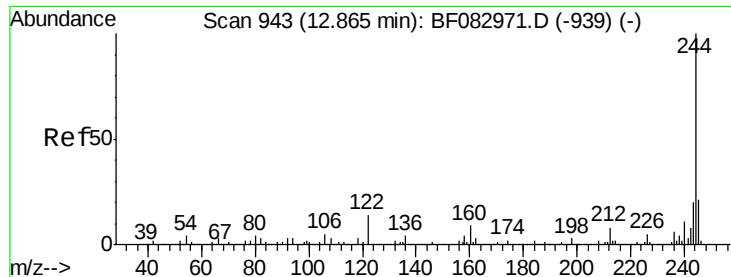
Tgt Ion:188 Resp: 598531
Ion Ratio Lower Upper
188 100
94 12.3 6.1 9.1#
80 14.7 7.0 10.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF083003.D
Acq: 18 Nov 2015 9:20

Tgt Ion:240 Resp: 687953
Ion Ratio Lower Upper
240 100
120 6.6 10.9 16.3#
236 26.1 21.6 32.4

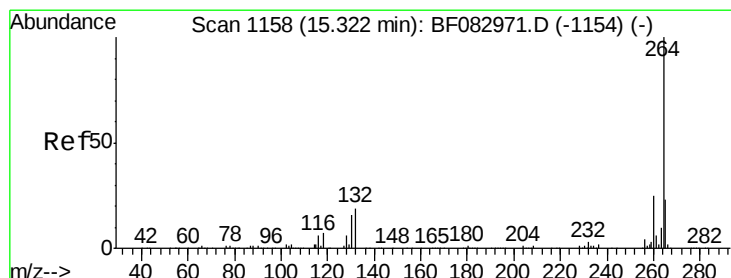
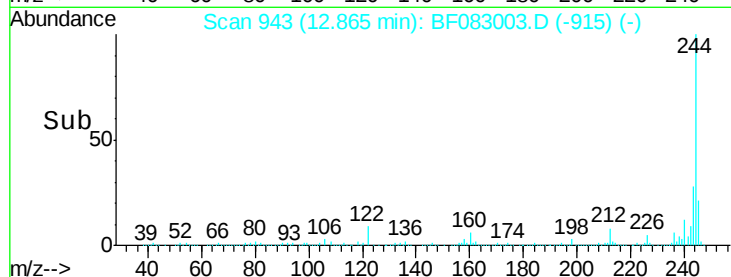
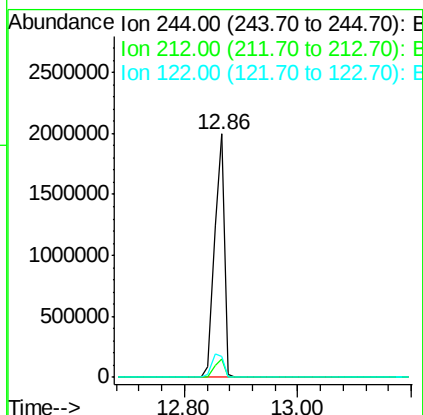
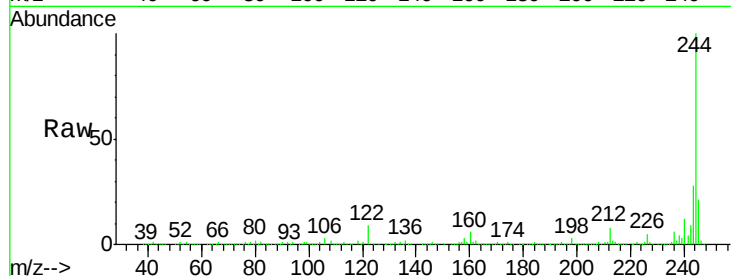




#78
 Terphenyl-d14
 Concen: 79.67 ng
 RT: 12.86 min Scan# 943
 Delta R.T. 0.02 min
 Lab File: BF083003.D
 Acq: 18 Nov 2015 9:20

Instrument :
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Tgt Ion:244 Resp: 2310799
 Ion Ratio Lower Upper
 244 100
 212 7.6 7.6 11.4
 122 8.6 11.3 16.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. 0.02 min
 Lab File: BF083003.D
 Acq: 18 Nov 2015 9:20

Tgt Ion:264 Resp: 525737
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.8 29.6
 265 21.2 17.4 26.0

