

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
 Data File : BF082453.D
 Acq On : 22 Oct 2015 19:06
 Operator : UM/IZ
 Sample : G4085-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-001-COMP

Quant Time: Oct 23 02:15:28 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 01:26:32 2015
 Response via : Initial Calibration

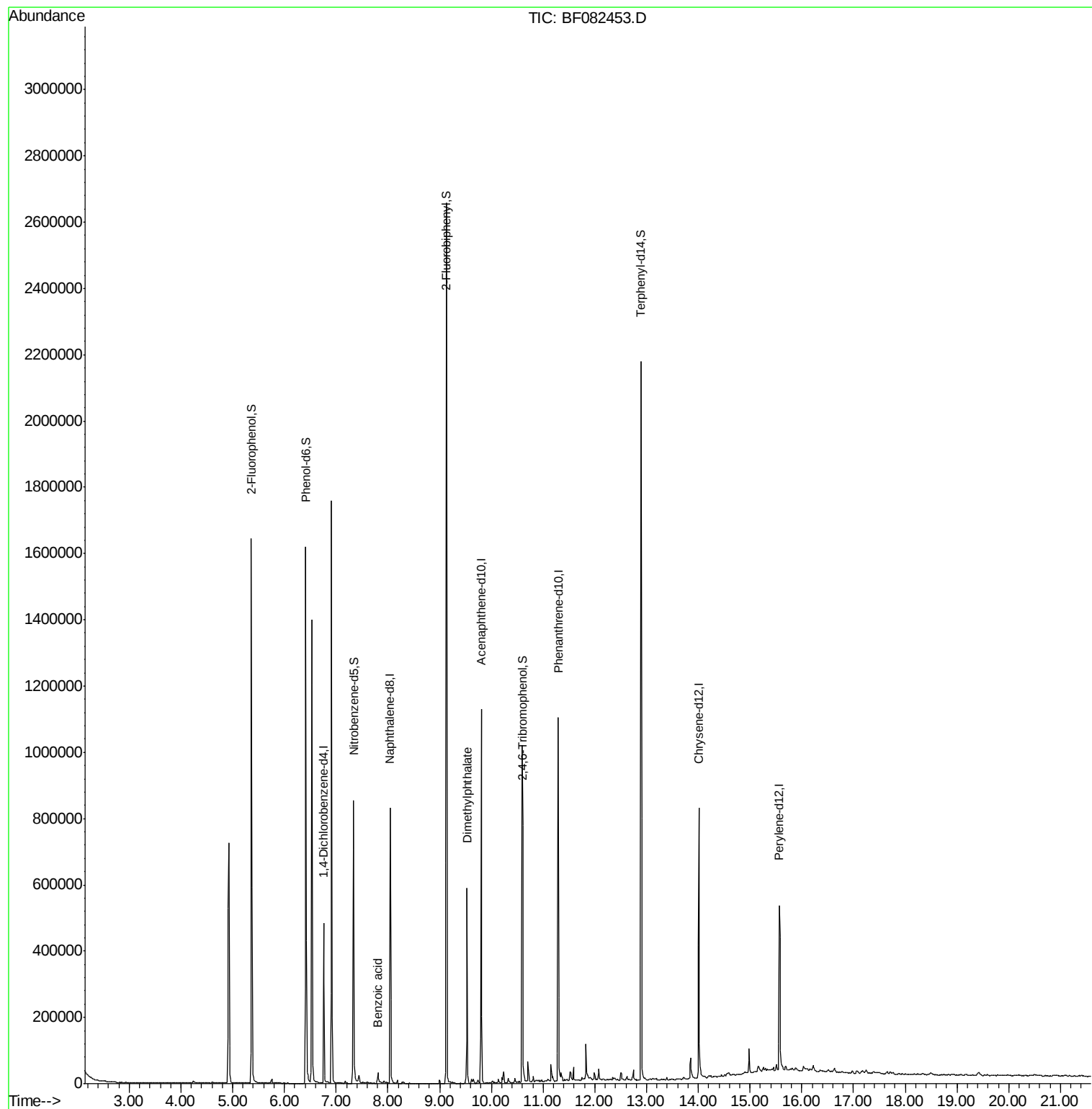
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	100862	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	407987	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	222667	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	415804	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	351188	20.00	ng	0.01
86) Perylene-d12	15.57	264	274884	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	491940	98.44	ng	0.00
7) Phenol-d6	6.41	99	625445	96.17	ng	-0.01
23) Nitrobenzene-d5	7.34	82	423166	69.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	162919	78.02	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	848616	63.20	ng	-0.01
78) Terphenyl-d14	12.89	244	786660	59.36	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.81	122	15208	4.28	ng	93
49) Dimethylphthalate	9.53	163	255963	16.32	ng	98

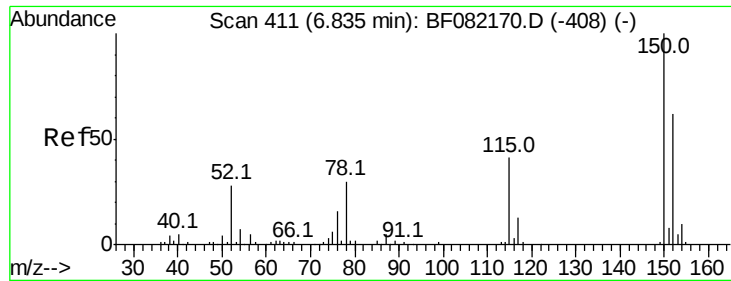
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF082453.D

Acq: 22 Oct 2015 19:06

Instrument :

BNA_F

ClientSampleId :

SP-001-COMP

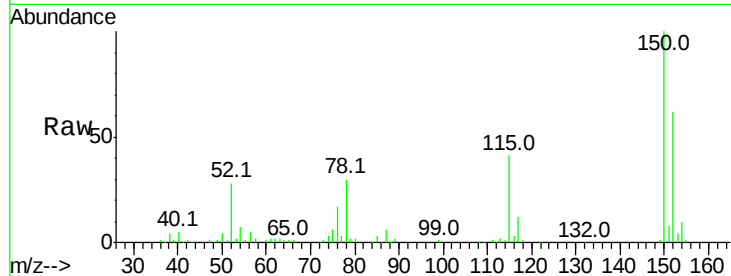
Tot Ion:152 Resp: 100862

Ion Ratio Lower Upper

152 100

150 160.5 129.0 193.4

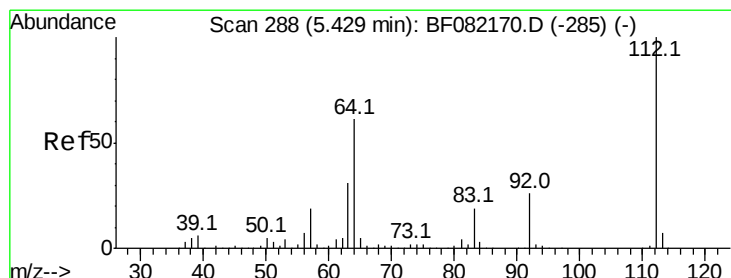
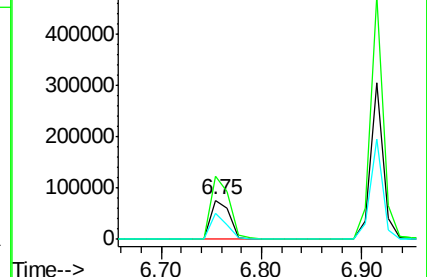
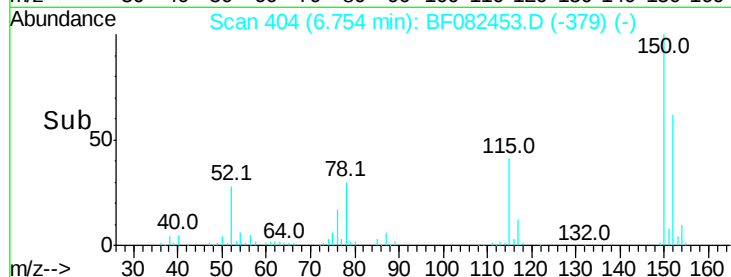
115 65.1 52.1 78.1



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: 98.44 ng

RT: 5.36 min Scan# 282

Delta R.T. -0.00 min

Lab File: BF082453.D

Acq: 22 Oct 2015 19:06

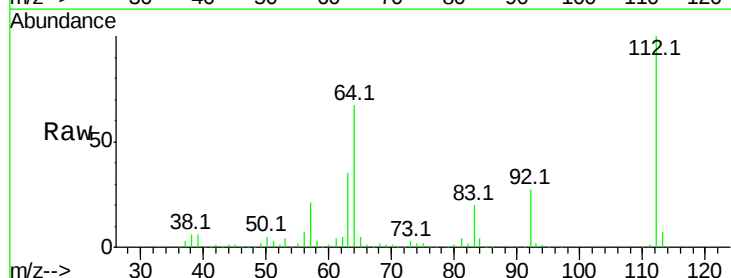
Tgt Ion:112 Resp: 491940

Ion Ratio Lower Upper

112 100

64 66.6 48.6 73.0

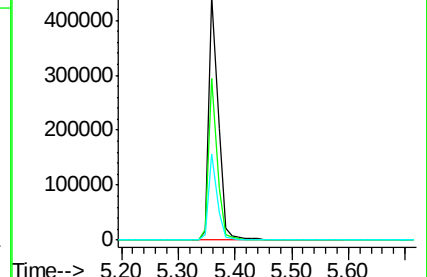
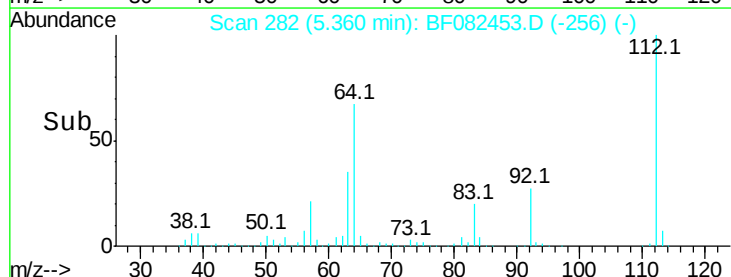
63 35.3 25.1 37.7



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: 96.17 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082453.D

Acq: 22 Oct 2015 19:06

Instrument :

BNA_F

ClientSampleId :

SP-001-COMP

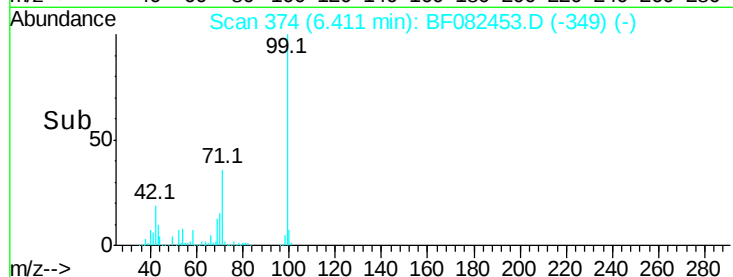
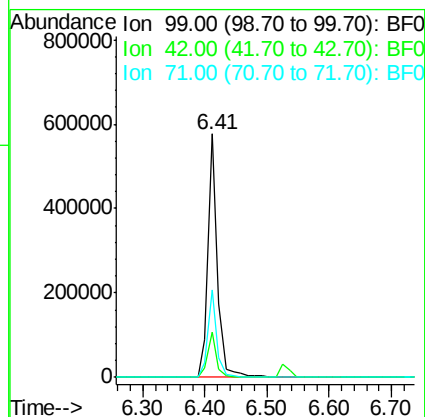
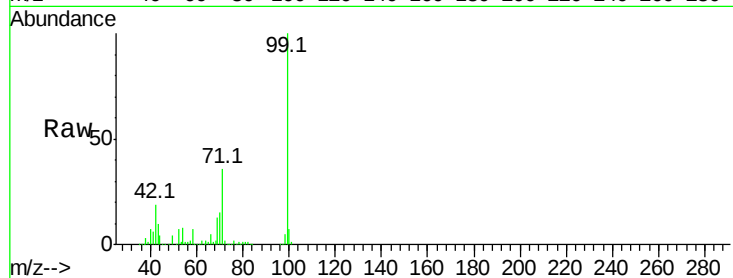
Tot Ion: 99 Resp: 625445

Ion Ratio Lower Upper

99 100

42 18.5 13.2 19.8

71 35.9 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF082453.D

Acq: 22 Oct 2015 19:06

Tgt Ion: 136 Resp: 407987

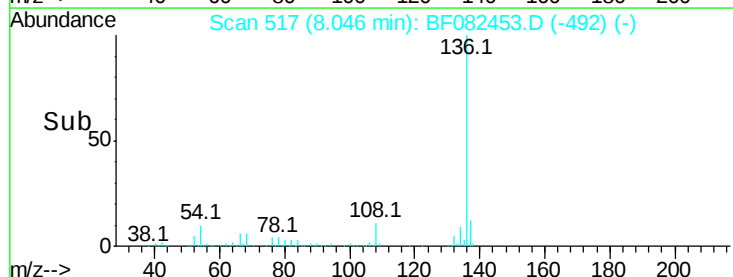
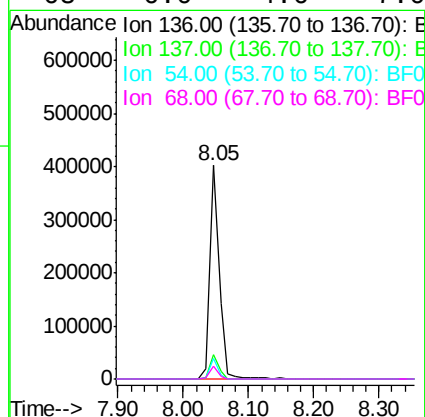
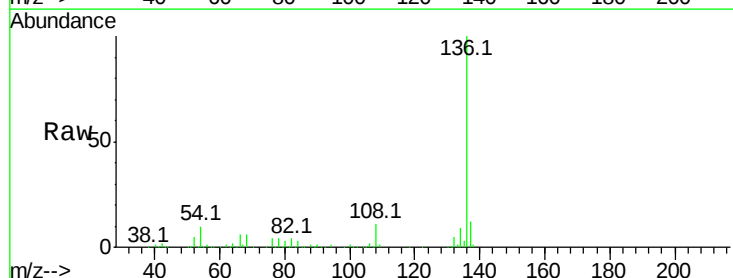
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.6

54 9.5 7.5 11.3

68 6.0 4.6 7.0

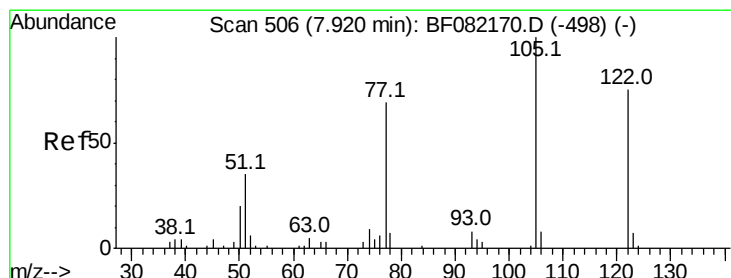
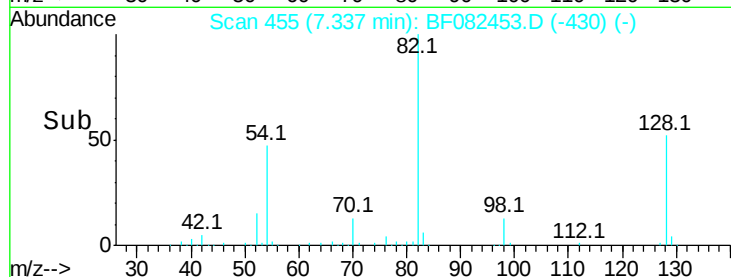
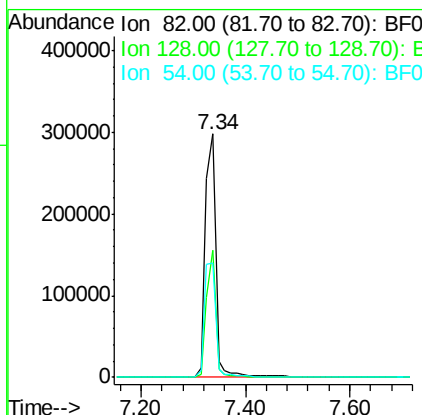
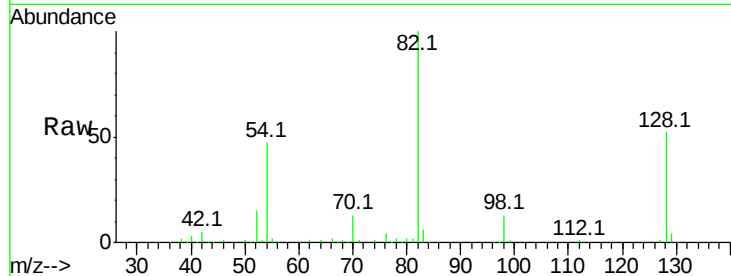




#23
 Nitrobenzene-d5
 Concen: 69.65 ng
 RT: 7.34 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF082453.D
 Acq: 22 Oct 2015 19:06

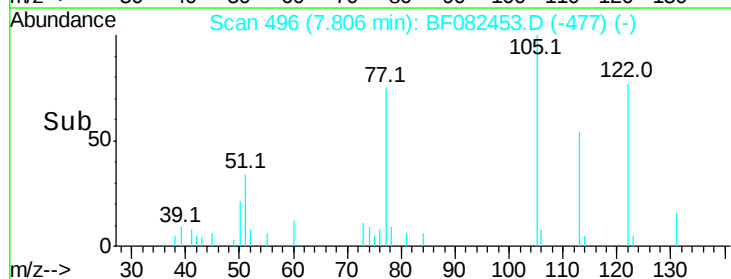
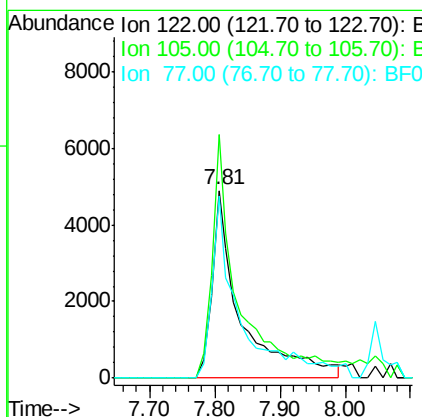
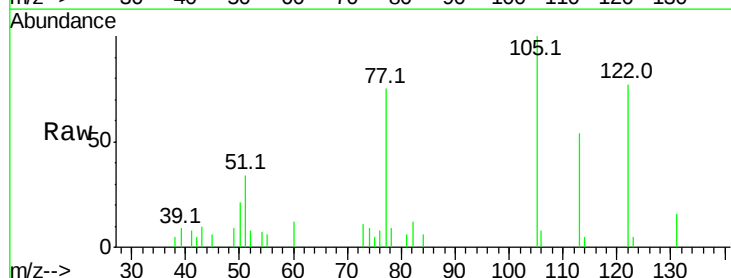
Instrument :
 BNA_F
 ClientSampleId :
 SP-001-COMP

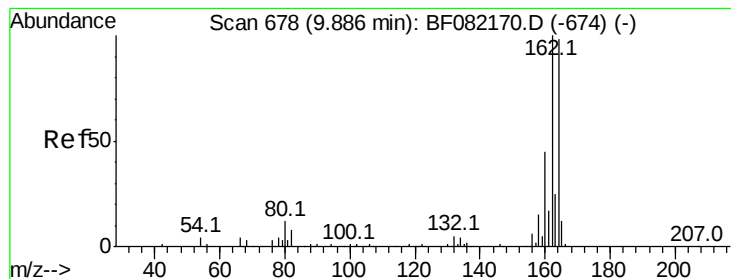
Tot Ion: 82 Resp: 423166
 Ion Ratio Lower Upper
 82 100
 128 52.1 38.7 58.1
 54 47.2 40.1 60.1



#32
 Benzoic acid
 Concen: 4.28 ng
 RT: 7.81 min Scan# 496
 Delta R.T. -0.08 min
 Lab File: BF082453.D
 Acq: 22 Oct 2015 19:06

Tgt Ion: 122 Resp: 15208
 Ion Ratio Lower Upper
 122 100
 105 129.8 104.4 144.4
 77 97.5 69.0 109.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF082453.D

Acq: 22 Oct 2015 19:06

Instrument :

BNA_F

ClientSampleId :

SP-001-COMP

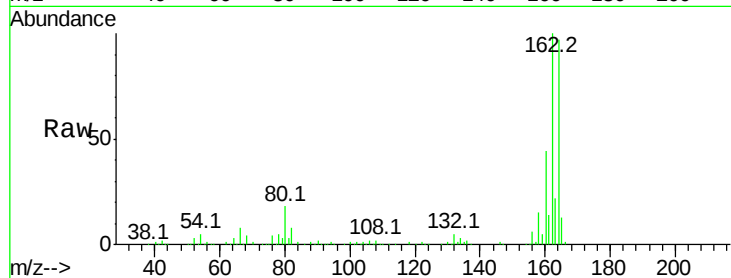
Tot Ion:164 Resp: 222667

Ion Ratio Lower Upper

164 100

162 103.4 81.6 122.4

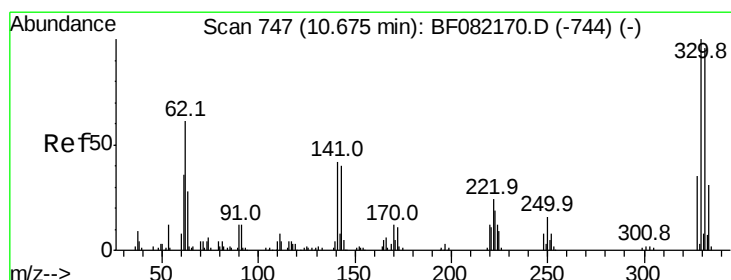
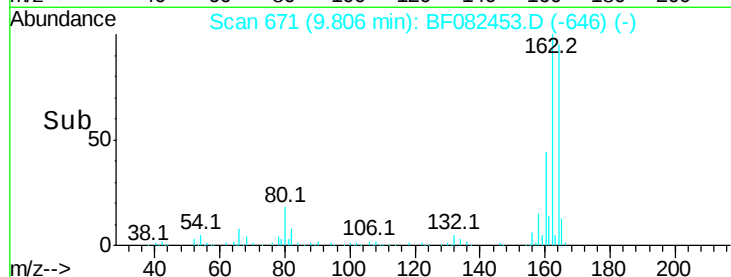
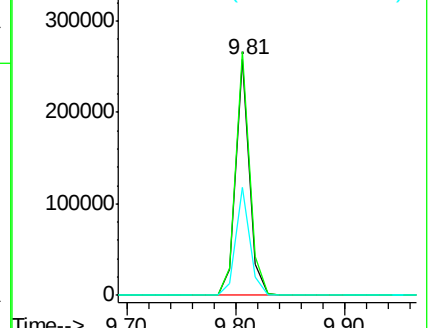
160 45.7 36.4 54.6



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: 78.02 ng

RT: 10.61 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF082453.D

Acq: 22 Oct 2015 19:06

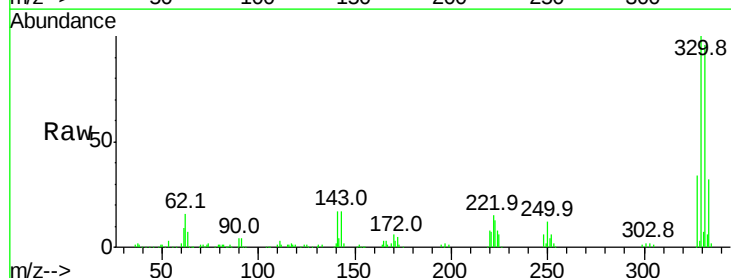
Tgt Ion:330 Resp: 162919

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

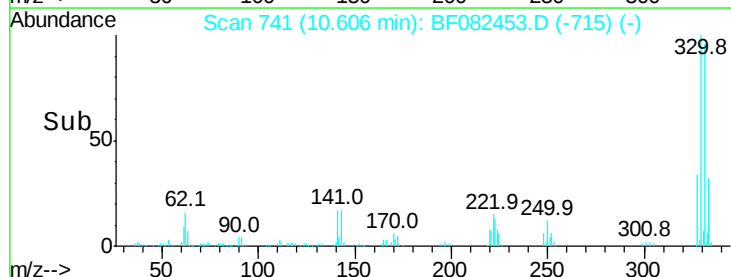
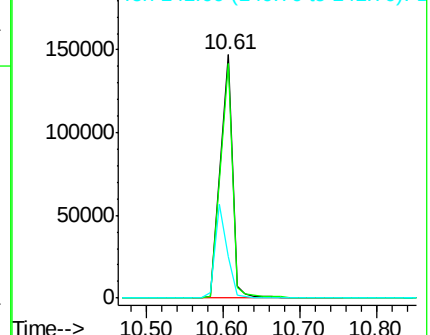
141 37.6 29.8 44.8

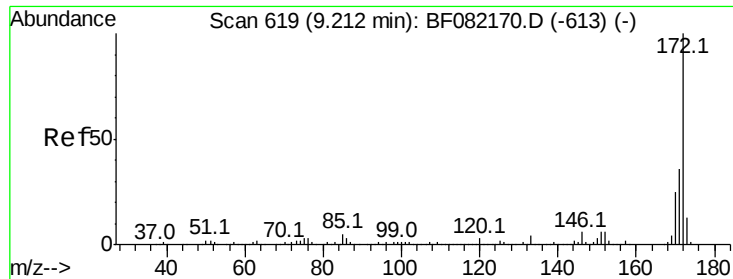


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



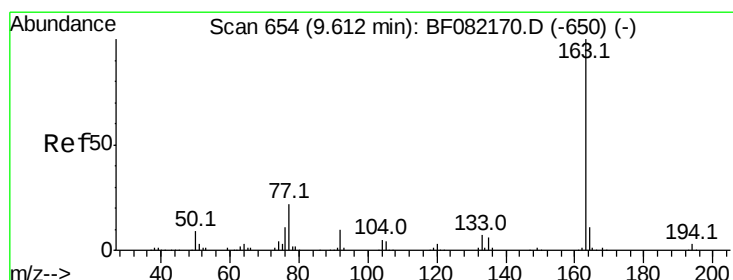
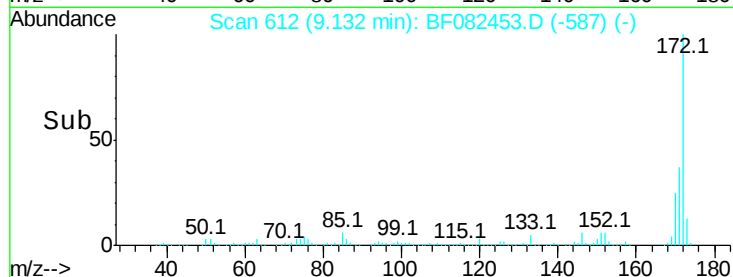
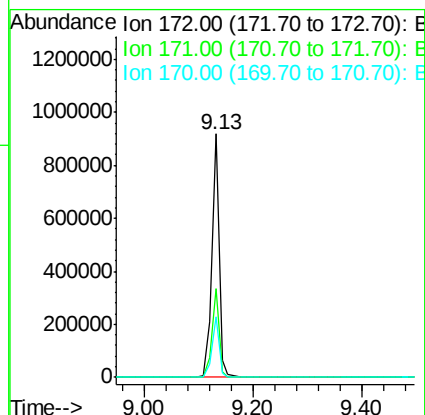
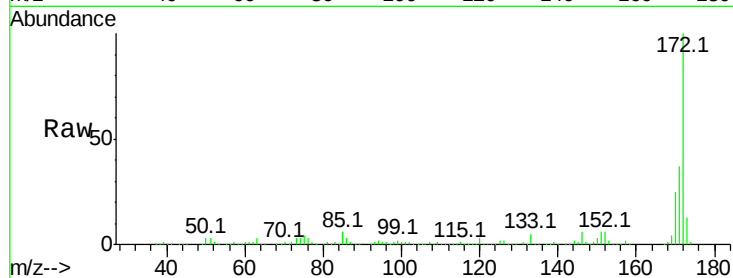


#44
 2-Fluorobiphenyl
 Concen: 63.20 ng
 RT: 9.13 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF082453.D
 Acq: 22 Oct 2015 19:06

Instrument :
 BNA_F
 ClientSampleId :
 SP-001-COMP

Tot Ion:172 Resp: 848616

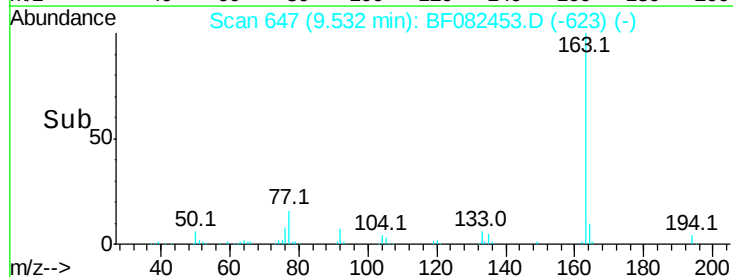
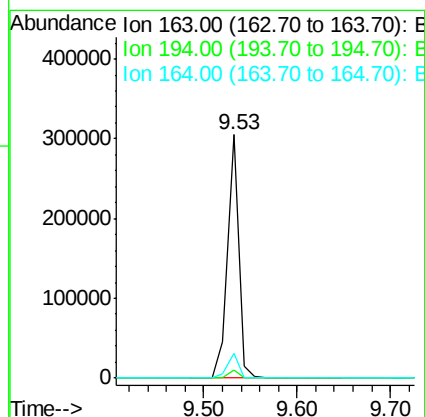
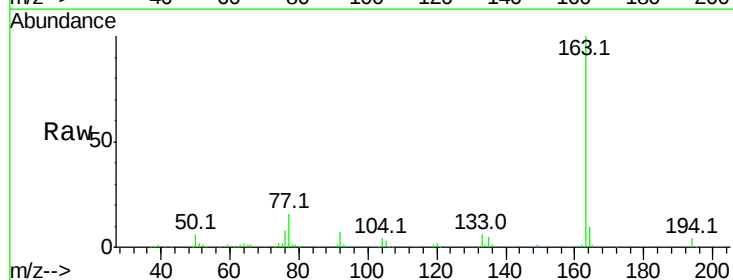
Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	42.8
170	24.8	19.7	29.5

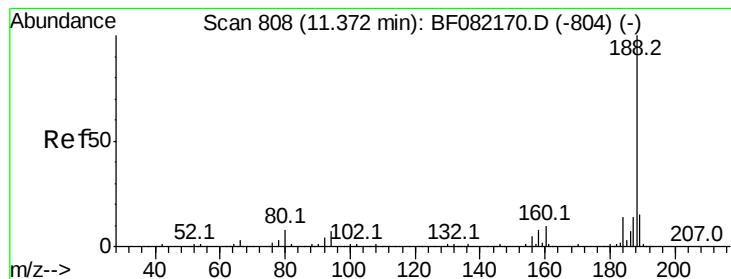


#49
 Dimethylphthalate
 Concen: 16.32 ng
 RT: 9.53 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF082453.D
 Acq: 22 Oct 2015 19:06

Tgt Ion:163 Resp: 255963

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.9	8.5	12.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF082453.D

Acq: 22 Oct 2015 19:06

Instrument :

BNA_F

ClientSampleId :

SP-001-COMP

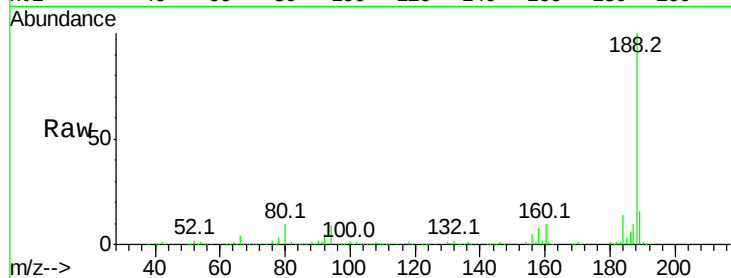
Tot Ion:188 Resp: 415804

Ion Ratio Lower Upper

188 100

94 9.0 5.8 8.6#

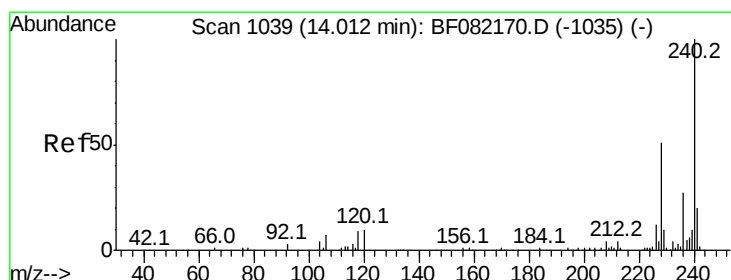
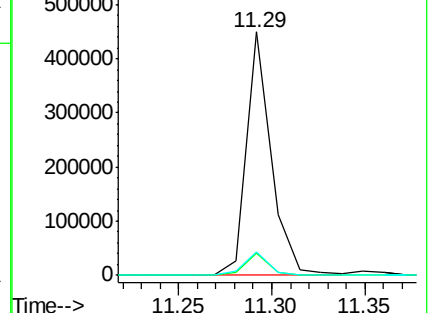
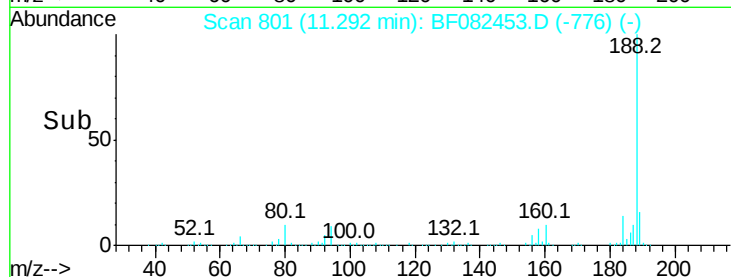
80 9.8 6.4 9.6#



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: 14.01 min Scan# 1039

Delta R.T. 0.01 min

Lab File: BF082453.D

Acq: 22 Oct 2015 19:06

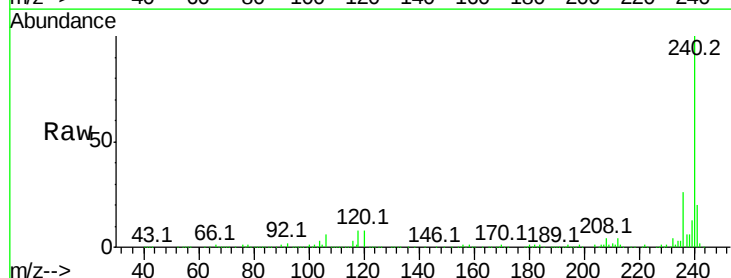
Tgt Ion:240 Resp: 351188

Ion Ratio Lower Upper

240 100

120 8.4 8.1 12.1

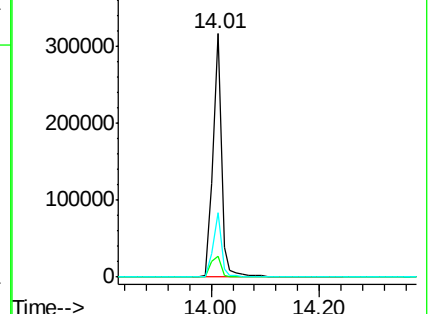
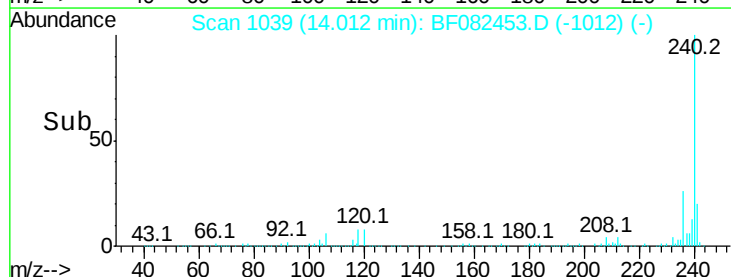
236 26.3 21.3 31.9

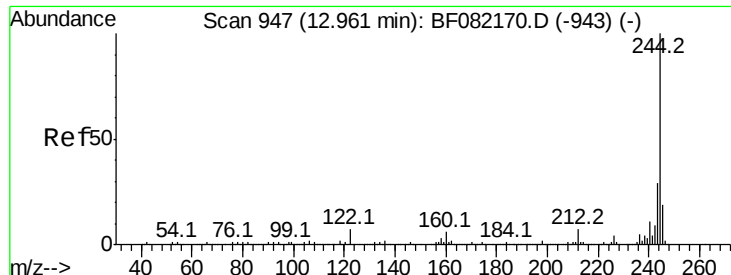


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

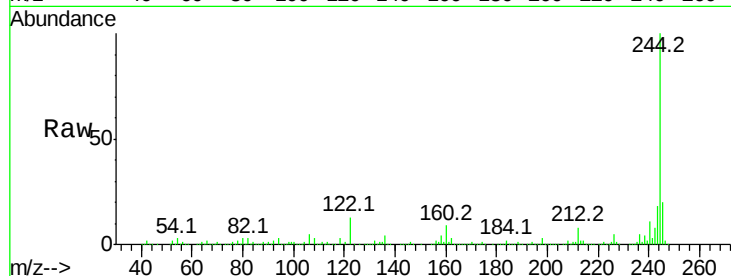




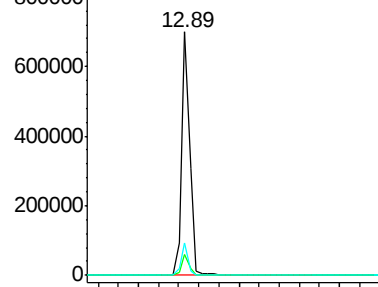
#78
 Terphenyl-d14
 Concen: 59.36 ng
 RT: 12.89 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: BF082453.D
 Acq: 22 Oct 2015 19:06

Instrument :
 BNA_F
 ClientSampleId :
 SP-001-COMP

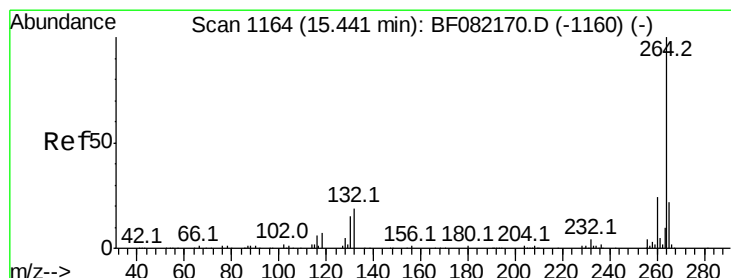
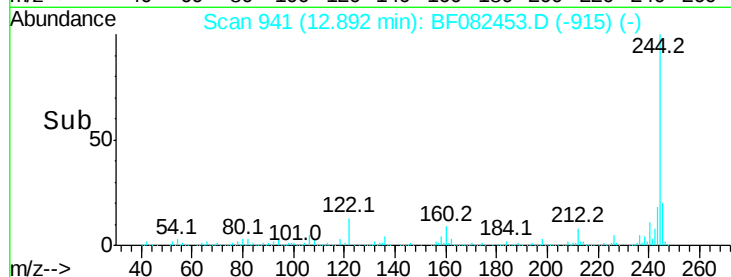
Tot Ion:244 Resp: 786660
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.8 8.6
 122 13.2 5.9 8.9#



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

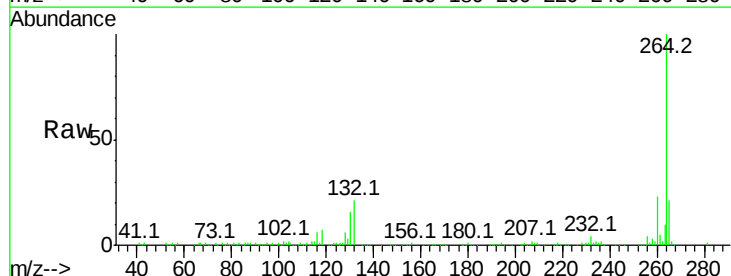


Time-->

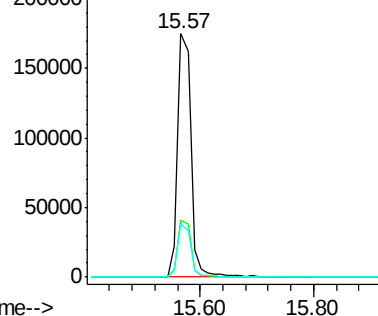


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1175
 Delta R.T. 0.03 min
 Lab File: BF082453.D
 Acq: 22 Oct 2015 19:06

Tgt Ion:264 Resp: 274884
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 21.5 17.3 25.9



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



Time-->

