

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
 Data File : BF082433.D
 Acq On : 22 Oct 2015 6:03
 Operator : UM/IZ
 Sample : G4116-17
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-01(0-2)

Quant Time: Oct 22 13:12:28 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

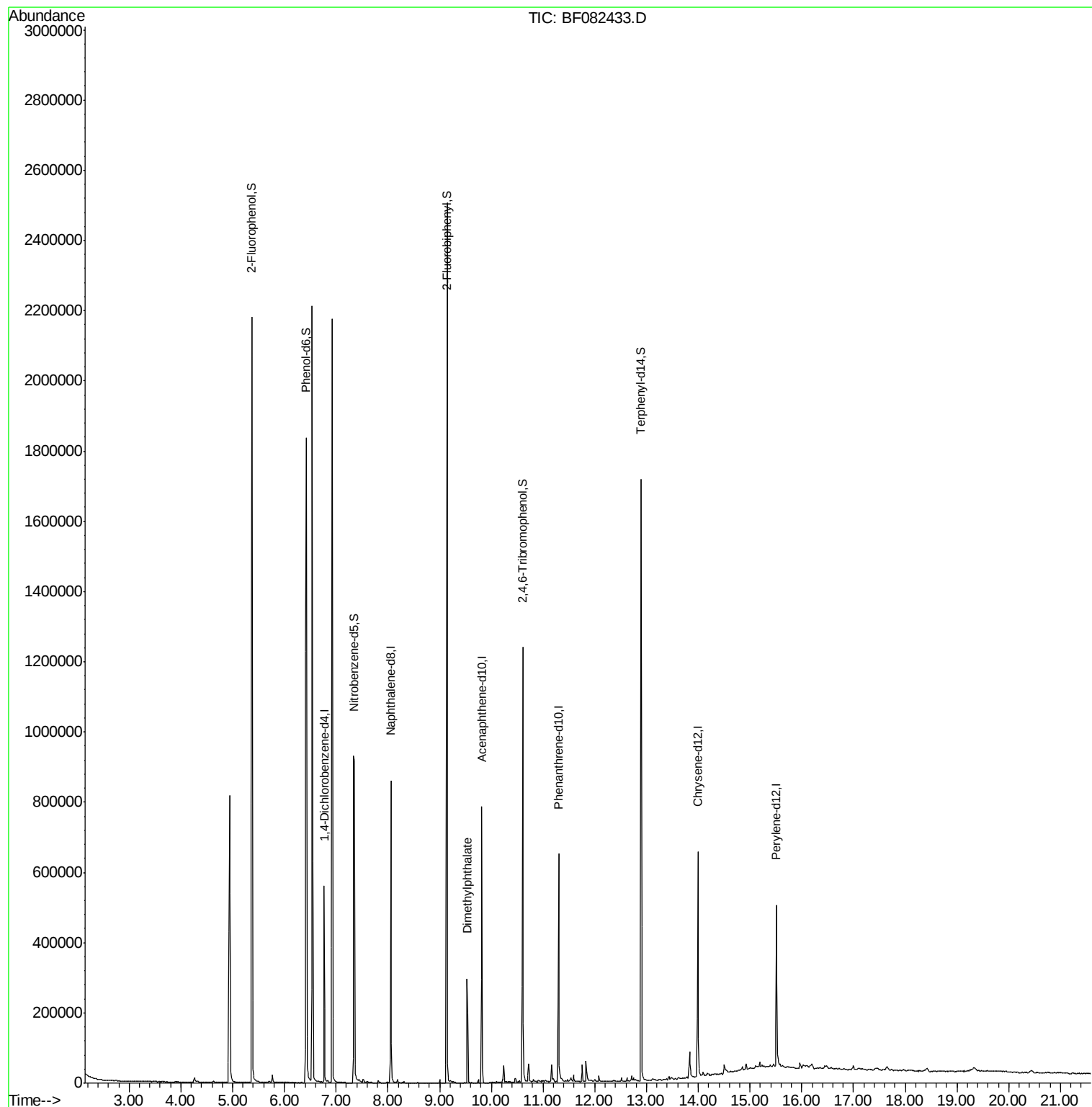
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	97473	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	380290	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	171700	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	278023	20.00	ng	0.00
75) Chrysene-d12	13.99	240	253043	20.00	ng	-0.02
86) Perylene-d12	15.51	264	232182	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	643511	133.24	ng	0.01
7) Phenol-d6	6.42	99	852894	135.70	ng	0.00
23) Nitrobenzene-d5	7.34	82	501299	88.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	129059	80.15	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	947684	91.53	ng	0.00
78) Terphenyl-d14	12.89	244	563809	59.04	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.53	163	170136	14.07	ng	100

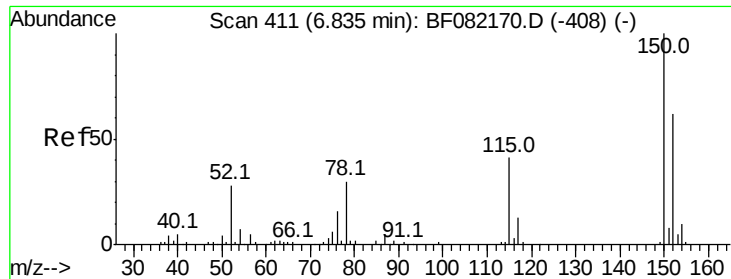
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 21 13:20:24 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF082433.D

Acq: 22 Oct 2015 6:03

Instrument :

BNA_F

ClientSampleId :

AB-AC-01(0-2)

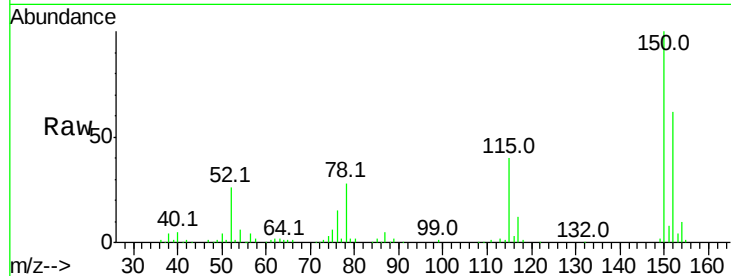
Tot Ion:152 Resp: 97473

Ion Ratio Lower Upper

152 100

150 160.0 129.0 193.4

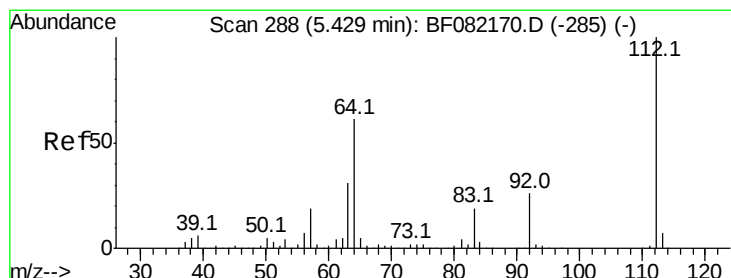
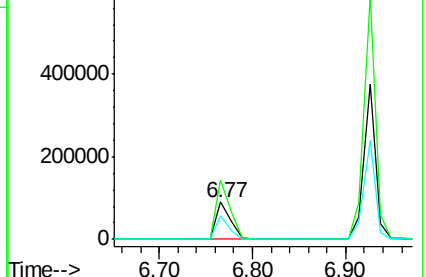
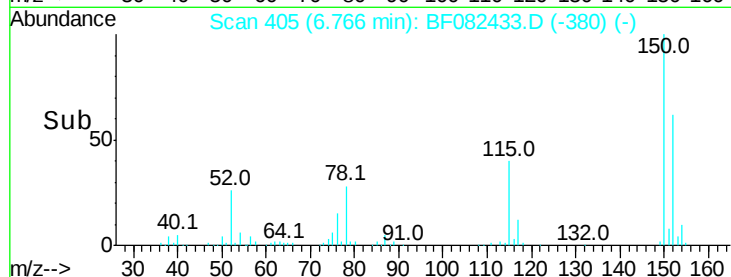
115 64.1 52.1 78.1



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: 133.24 ng

RT: 5.37 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF082433.D

Acq: 22 Oct 2015 6:03

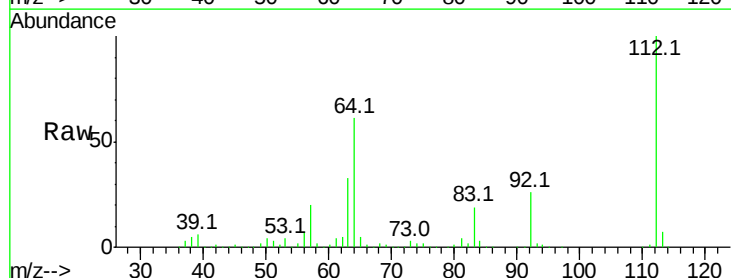
Tgt Ion:112 Resp: 643511

Ion Ratio Lower Upper

112 100

64 61.0 48.6 73.0

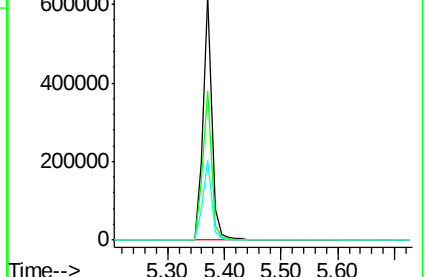
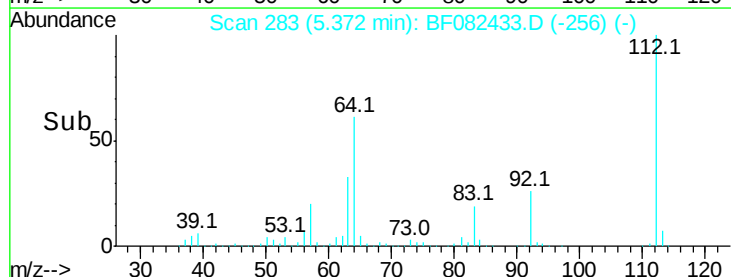
63 32.6 25.1 37.7

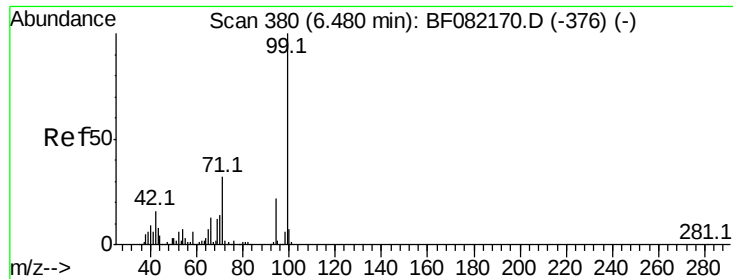


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 135.70 ng

RT: 6.42 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF082433.D

Acq: 22 Oct 2015 6:03

Instrument :

BNA_F

ClientSampleId :

AB-AC-01(0-2)

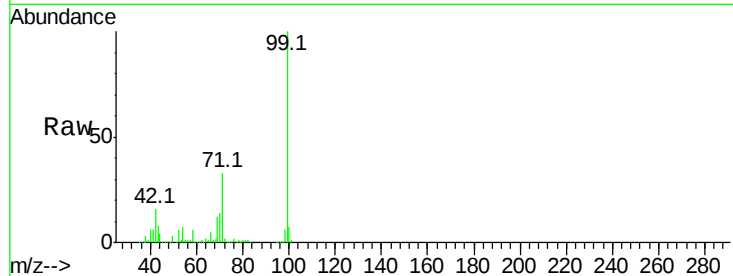
Tot Ion: 99 Resp: 852894

Ion Ratio Lower Upper

99 100

42 16.0 13.2 19.8

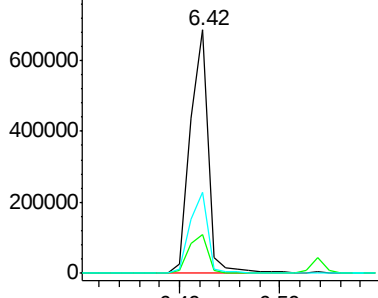
71 33.2 25.6 38.4



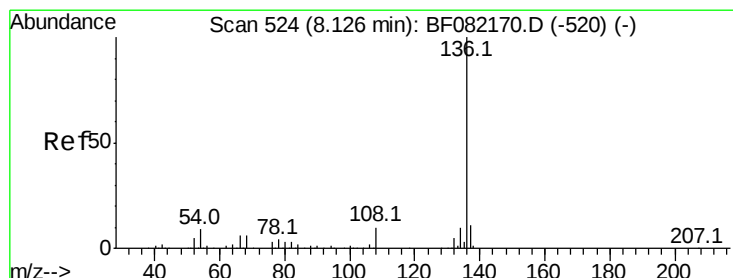
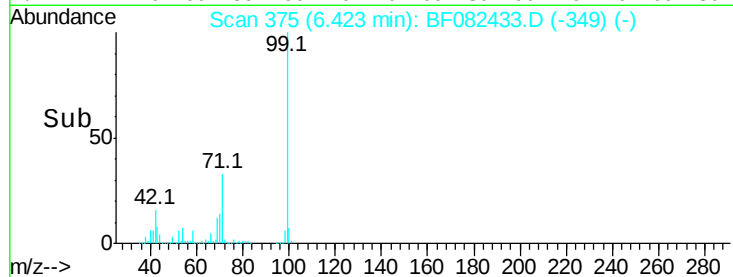
Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 8.06 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF082433.D

Acq: 22 Oct 2015 6:03

Tgt Ion: 136 Resp: 380290

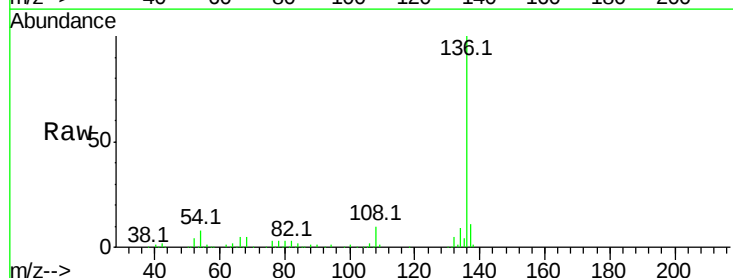
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 8.2 7.5 11.3

68 5.3 4.6 7.0

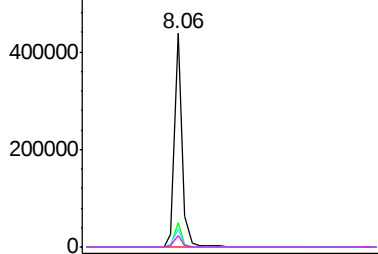


Abundance Ion 136.00 (135.70 to 136.70): E

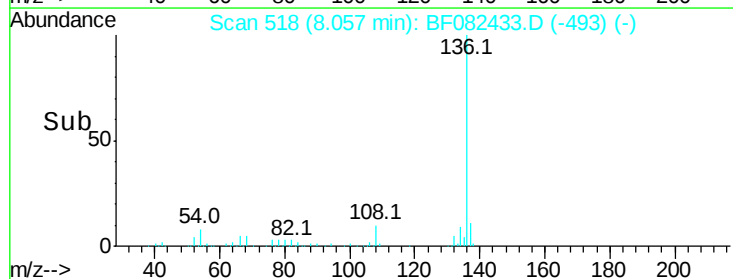
Ion 137.00 (136.70 to 137.70): E

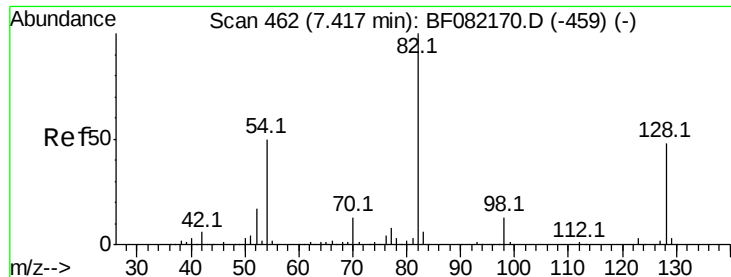
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

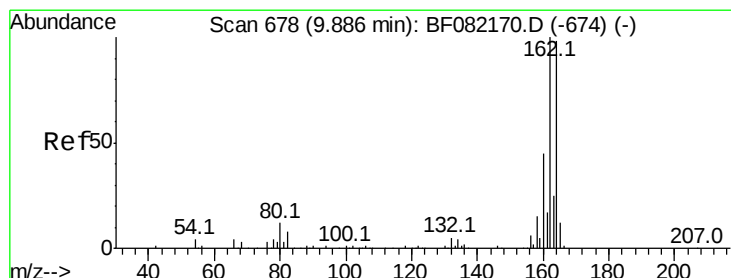
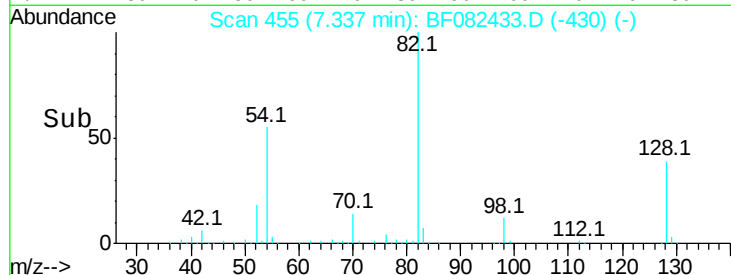
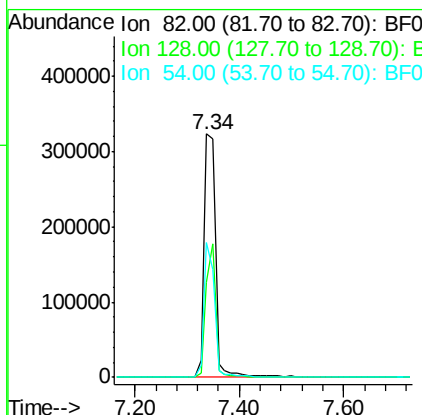
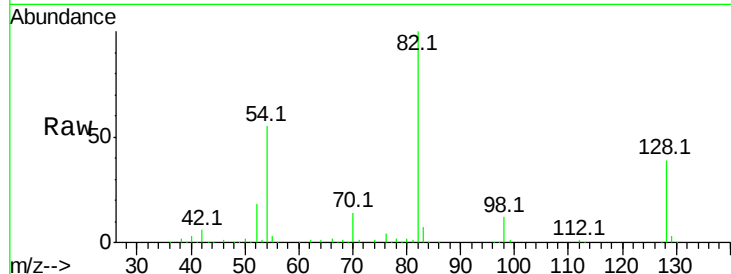




#23
 Nitrobenzene-d5
 Concen: 88.52 ng
 RT: 7.34 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF082433.D
 Acq: 22 Oct 2015 6:03

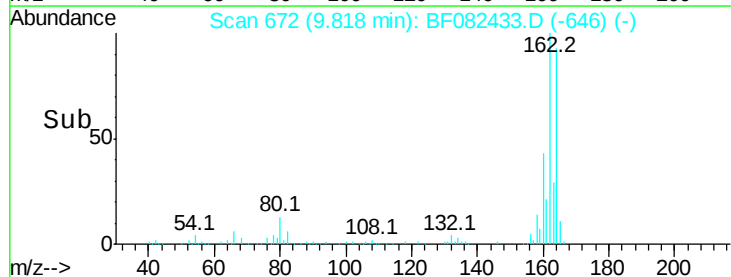
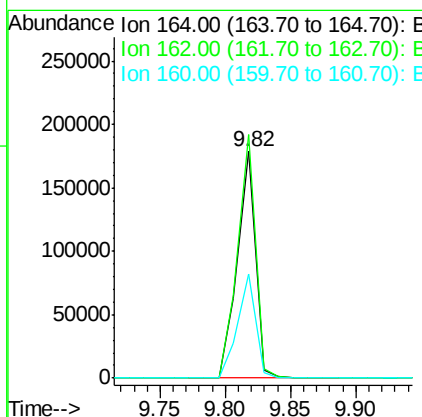
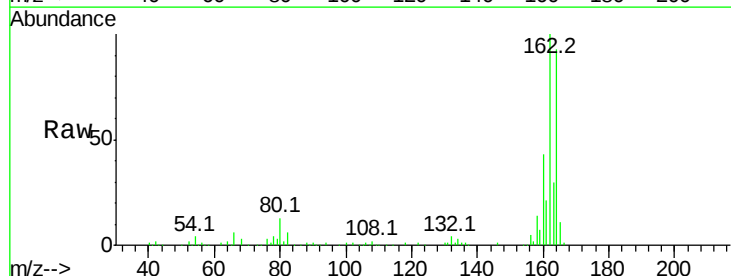
Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-01(0-2)

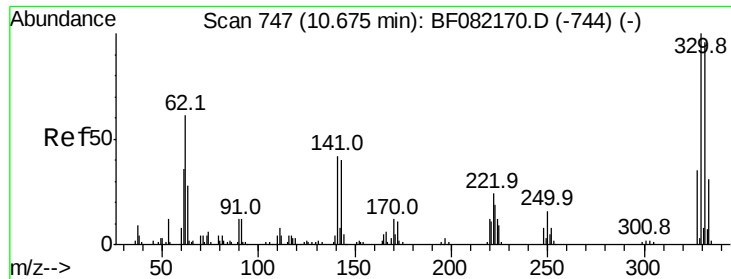
Tot Ion: 82 Resp: 501299
 Ion Ratio Lower Upper
 82 100
 128 39.2 38.7 58.1
 54 55.3 40.1 60.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF082433.D
 Acq: 22 Oct 2015 6:03

Tgt Ion: 164 Resp: 171700
 Ion Ratio Lower Upper
 164 100
 162 107.3 81.6 122.4
 160 45.8 36.4 54.6

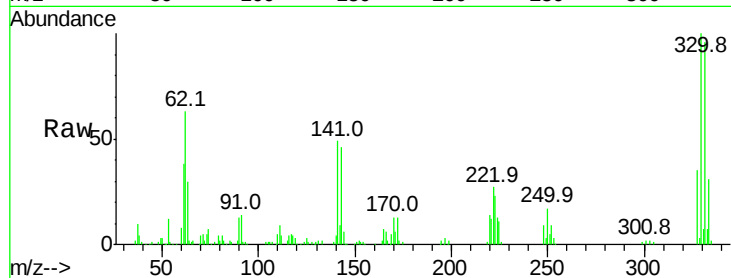




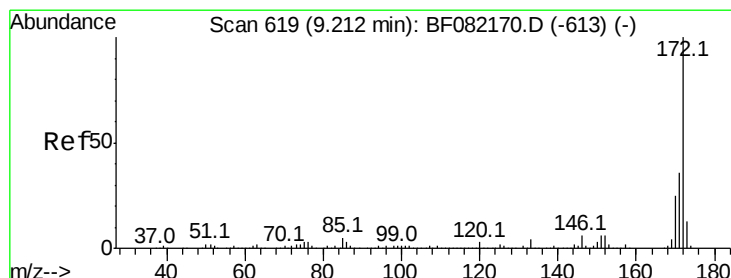
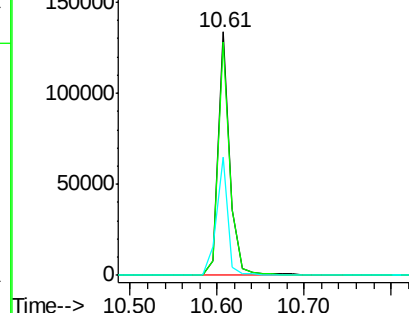
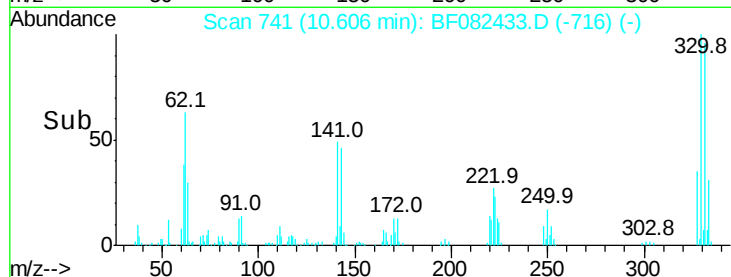
#41
 2,4,6-Tribromophenol
 Concen: 80.15 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF082433.D
 Acq: 22 Oct 2015 6:03

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-01(0-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	46.9	29.8	44.8#

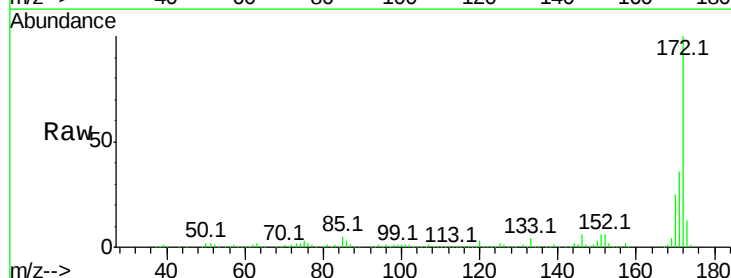


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

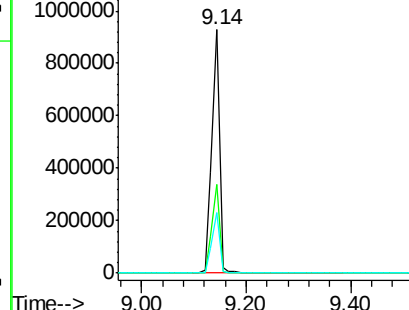
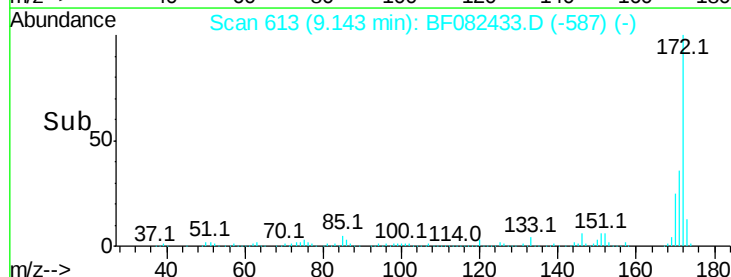


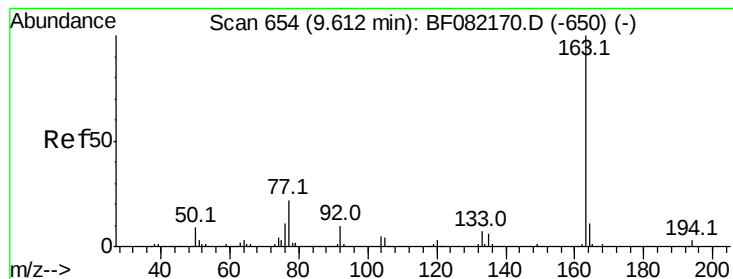
#44
 2-Fluorobiphenyl
 Concen: 91.53 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082433.D
 Acq: 22 Oct 2015 6:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	42.8
170	24.7	19.7	29.5



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





#49

Dimethylphthalate

Concen: 14.07 ng

RT: 9.53 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF082433.D

Acq: 22 Oct 2015 6:03

Instrument :

BNA_F

ClientSampleId :

AB-AC-01(0-2)

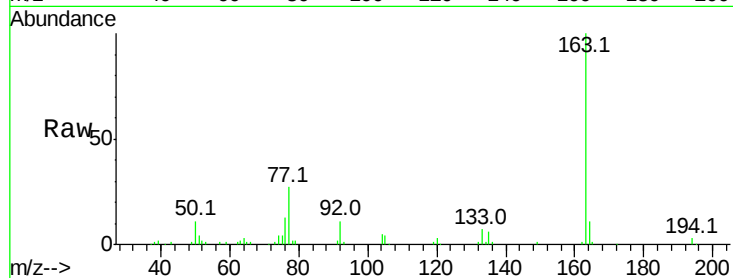
Tot Ion:163 Resp: 170136

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

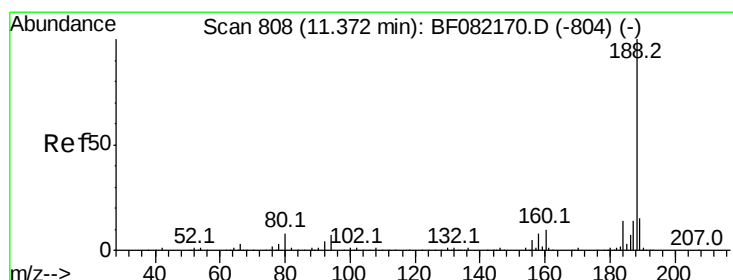
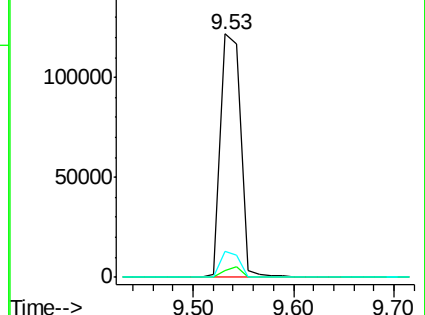
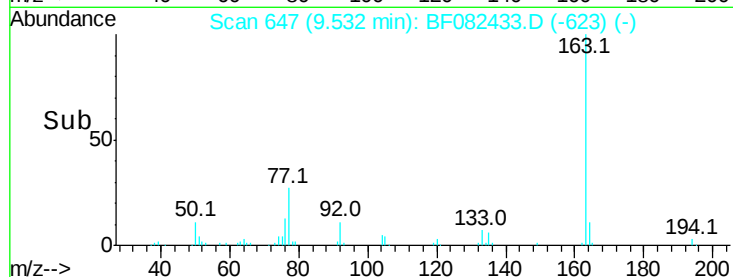
164 10.6 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF082433.D

Acq: 22 Oct 2015 6:03

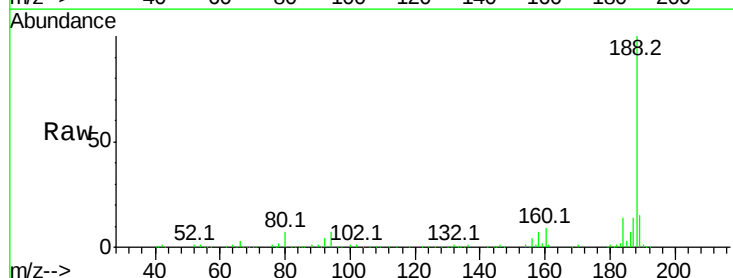
Tgt Ion:188 Resp: 278023

Ion Ratio Lower Upper

188 100

94 6.6 5.8 8.6

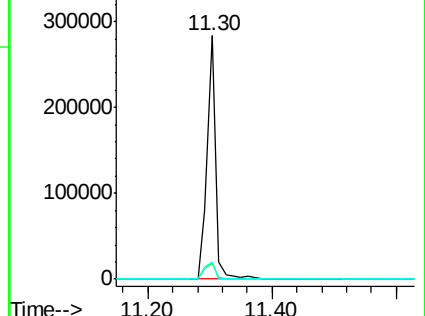
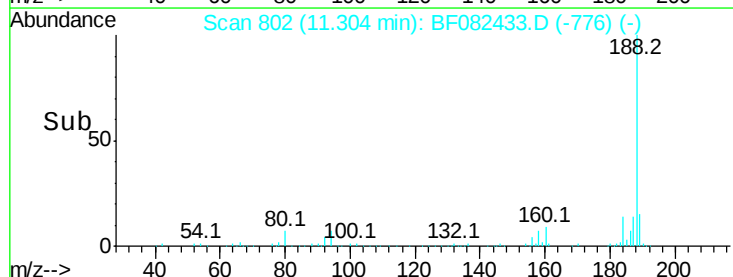
80 7.0 6.4 9.6

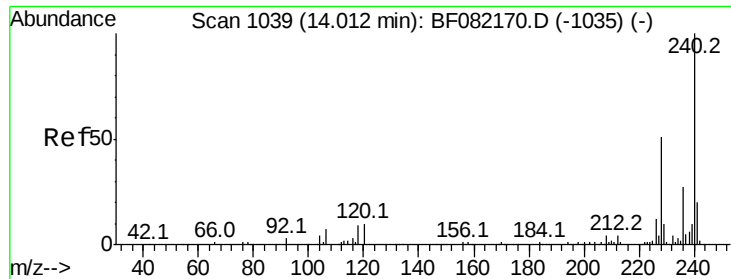


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

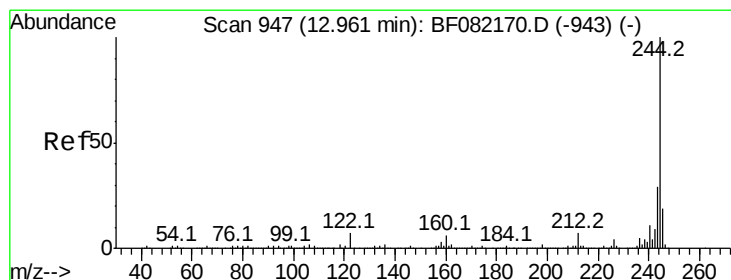
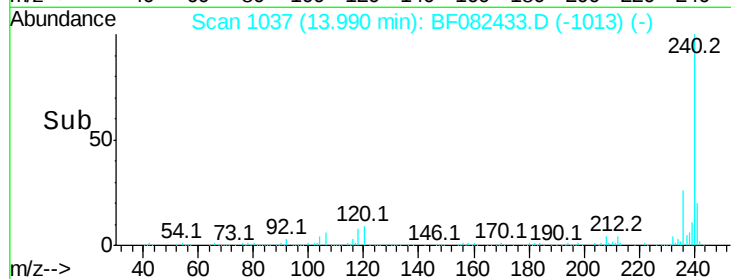
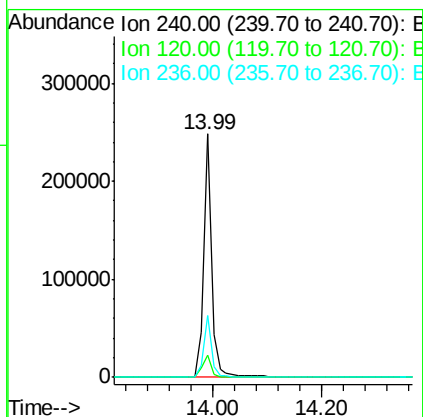
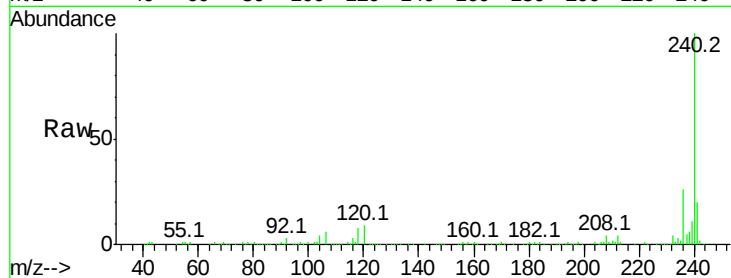




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF082433.D
 Acq: 22 Oct 2015 6:03

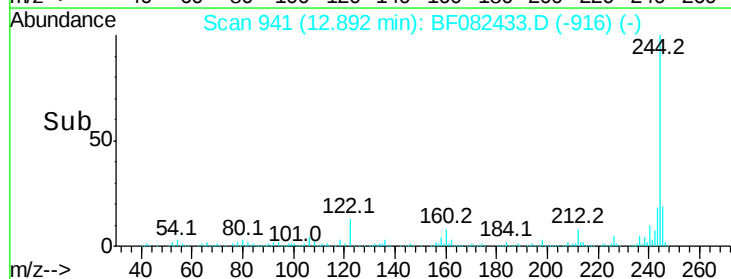
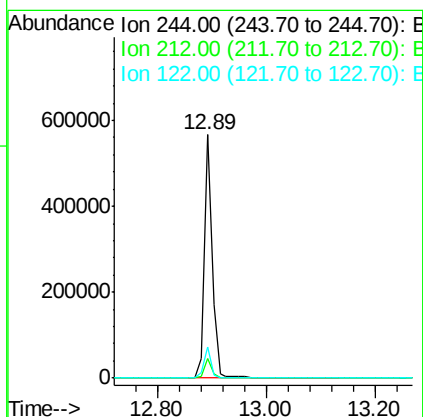
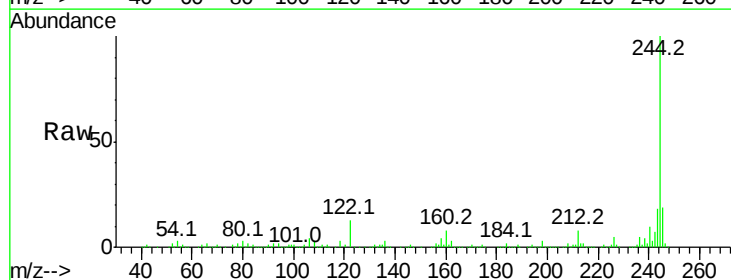
Instrument :
 BNA_F
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 AB-AC-01(0-2)

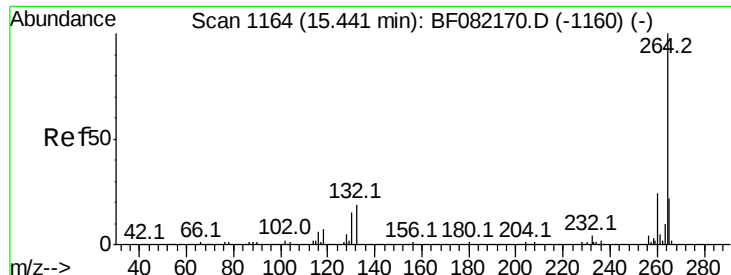
Tot Ion:240 Resp: 253043
 Ion Ratio Lower Upper
 240 100
 120 9.3 8.1 12.1
 236 25.6 21.3 31.9



#78
 Terphenyl-d14
 Concen: 59.04 ng
 RT: 12.89 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF082433.D
 Acq: 22 Oct 2015 6:03

Tgt Ion:244 Resp: 563809
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.8 8.6
 122 12.7 5.9 8.9#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF082433.D
Acq: 22 Oct 2015 6:03

Instrument :
BNA_F
ClientSampleId :
AB-AC-01(0-2)

Tot Ion:264 Resp: 232182
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.6
265 21.6 17.3 25.9

