

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033015\
 Data File : BF078085.D
 Acq On : 30 Mar 2015 16:56
 Operator : TP/IZ
 Sample : G1701-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-016

Quant Time: Mar 31 00:40:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 31 01:02:18 2015
 Response via : Initial Calibration

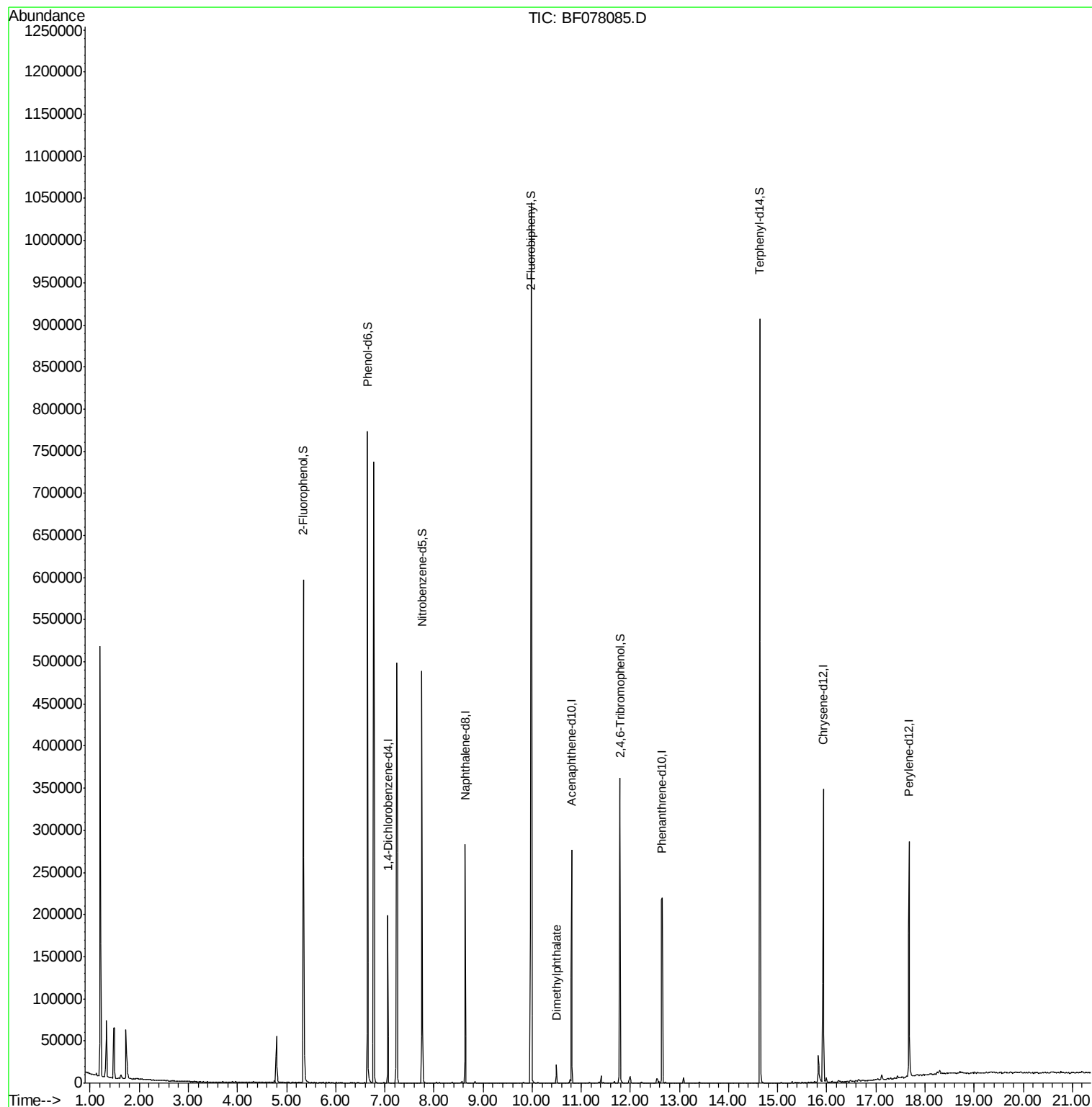
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.06	152	32331	20.00	ng	0.00
21) Naphthalene-d8	8.64	136	131397	20.00	ng	0.00
38) Acenaphthene-d10	10.81	164	64870	20.00	ng	0.00
63) Phenanthrene-d10	12.65	188	128967	20.00	ng	0.00
75) Chrysene-d12	15.93	240	144294	20.00	ng	-0.01
86) Perylene-d12	17.68	264	137992	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	204048	110.16	ng	0.00
7) Phenol-d6	6.65	99	264055	115.39	ng	0.00
23) Nitrobenzene-d5	7.76	82	150585	75.12	ng	0.00
41) 2,4,6-Tribromophenol	11.79	330	62024	99.93	ng	0.00
44) 2-Fluorobiphenyl	9.98	172	323052	73.19	ng	0.00
78) Terphenyl-d14	14.64	244	386838	65.49	ng	-0.01
Target Compounds						
49) Dimethylphthalate	10.50	163	12220	2.54	ng	99
76) Benzidine	14.35	184	213	Below Cal	#	68

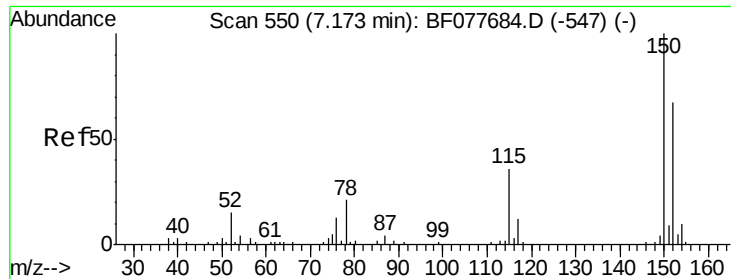
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.06 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF078085.D

Acq: 30 Mar 2015 16:56

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BNA_F

ClientSampleId :

FS-016

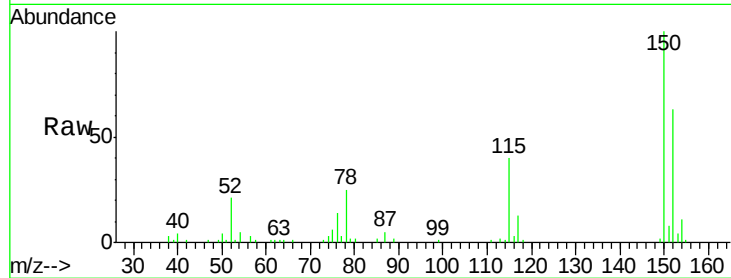
Tgt Ion:152 Resp: 32331

Ion Ratio Lower Upper

152 100

150 159.1 119.5 179.3

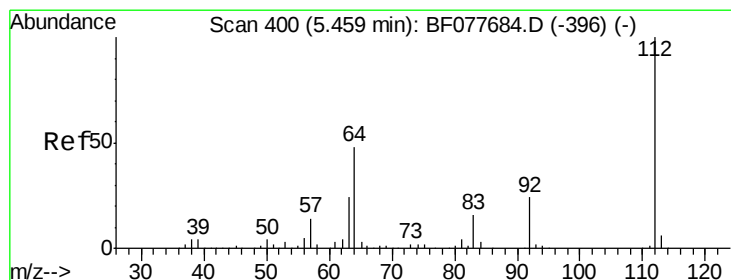
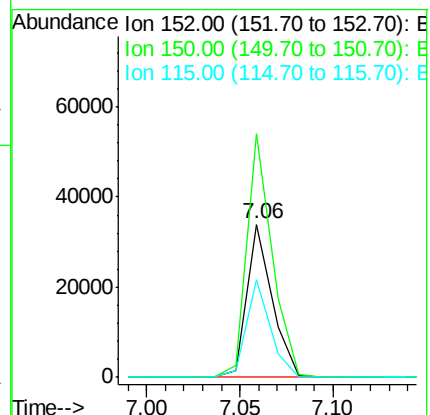
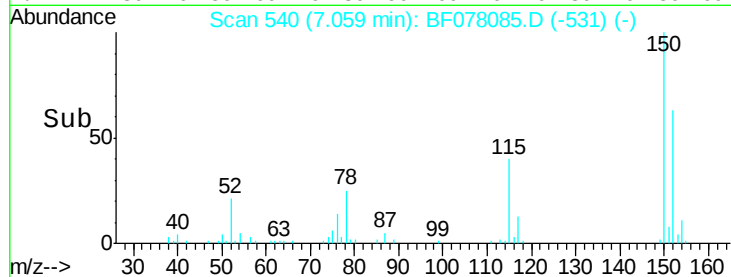
115 63.4 43.0 64.4



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: 110.16 ng

RT: 5.34 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF078085.D

Acq: 30 Mar 2015 16:56

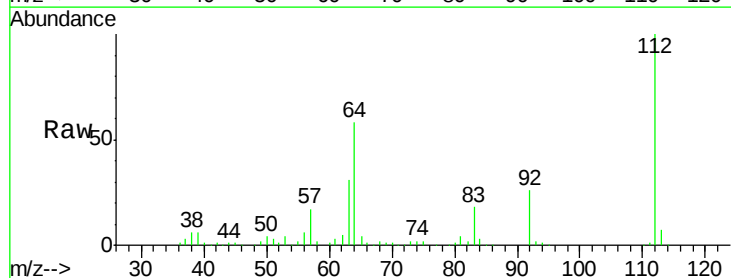
Tgt Ion:112 Resp: 204048

Ion Ratio Lower Upper

112 100

64 58.3 38.6 57.8#

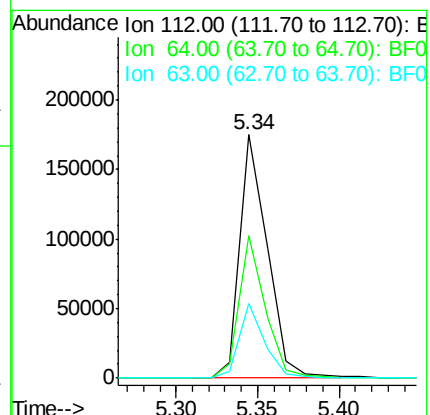
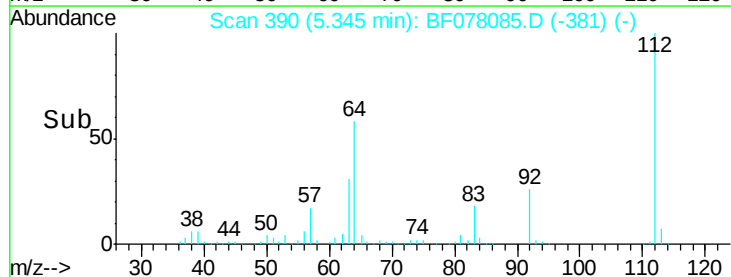
63 30.5 19.3 28.9#

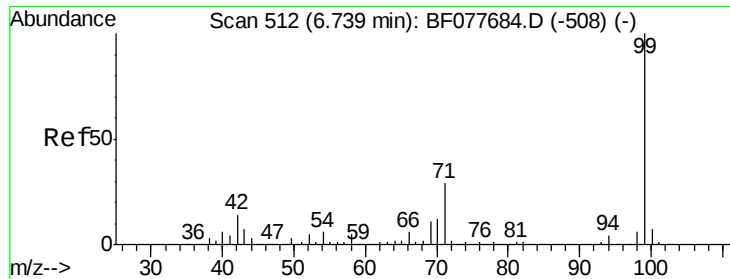


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.39 ng

RT: 6.65 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF078085.D

Acq: 30 Mar 2015 16:56

Instrument :

BNA_F

ClientSampleId :

FS-016

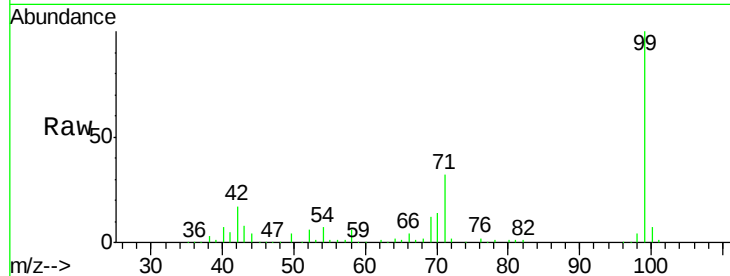
Tgt Ion: 99 Resp: 264055

Ion Ratio Lower Upper

99 100

42 16.8 11.0 16.4#

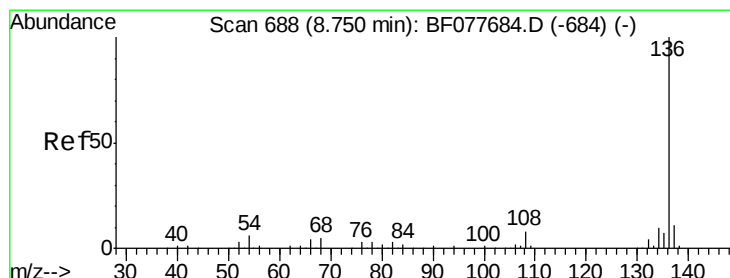
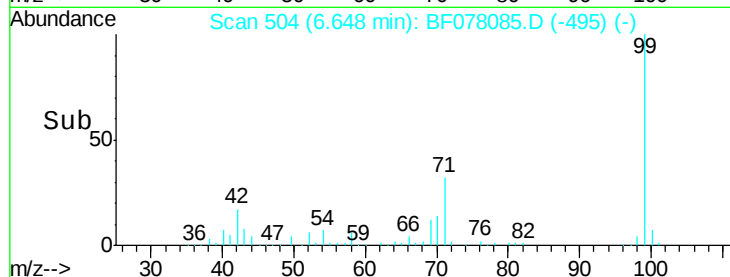
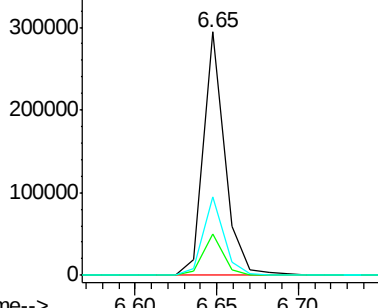
71 32.1 23.4 35.2



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.64 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF078085.D

Acq: 30 Mar 2015 16:56

Tgt Ion: 136 Resp: 131397

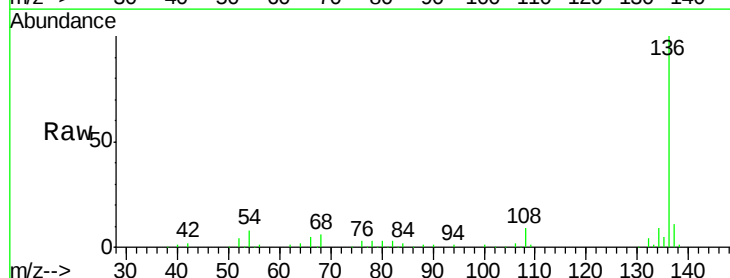
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 7.8 4.6 6.8#

68 5.8 3.7 5.5#

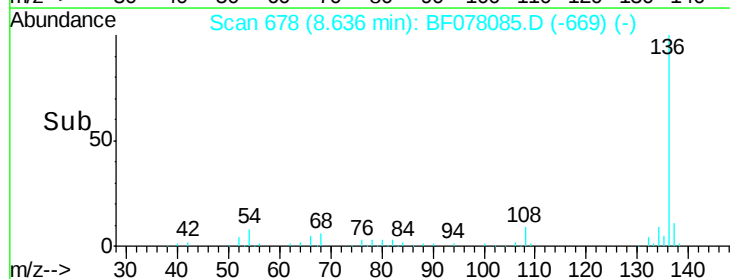
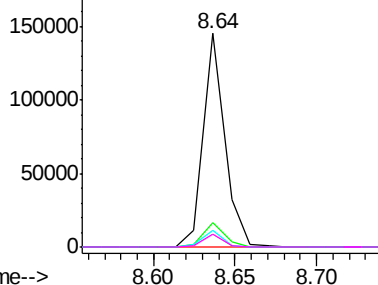


Abundance Ion 136.00 (135.70 to 136.70): E

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

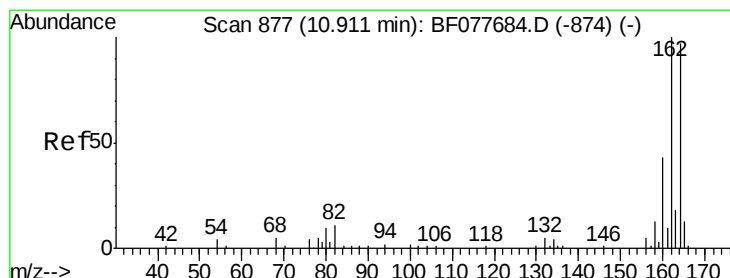
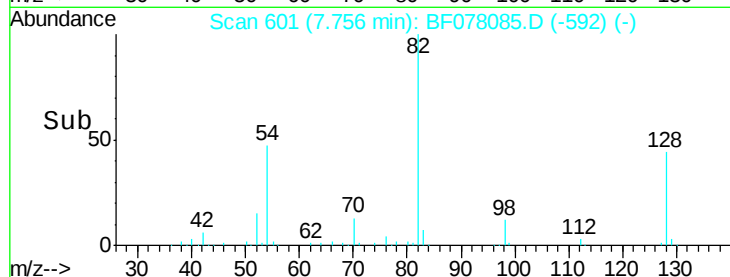
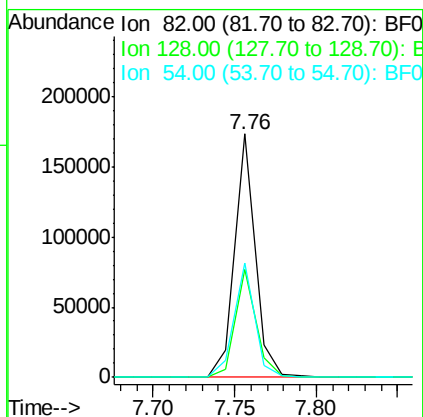
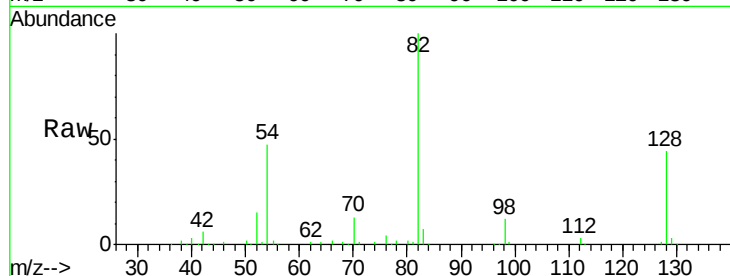




#23
 Nitrobenzene-d5
 Concen: 75.12 ng
 RT: 7.76 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF078085.D
 Acq: 30 Mar 2015 16:56

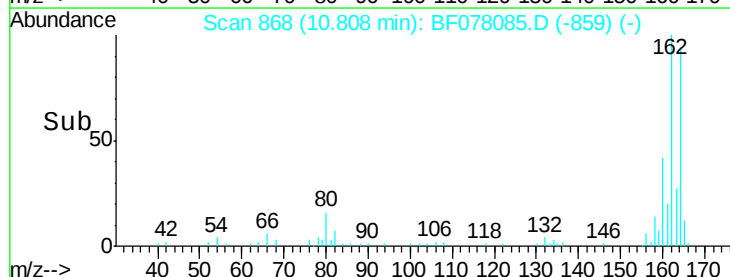
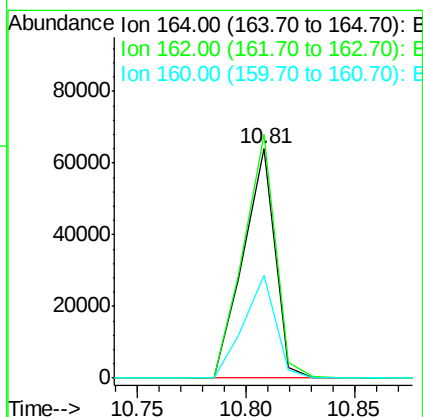
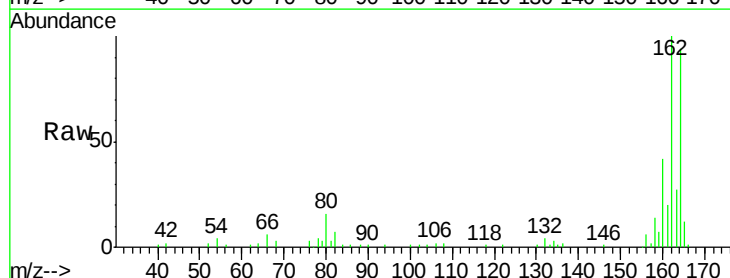
Instrument :
 BNA_F
 ClientSampleId :
 FS-016

Tgt Ion: 82 Resp: 150585
 Ion Ratio Lower Upper
 82 100
 128 44.3 32.8 49.2
 54 47.1 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.81 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: BF078085.D
 Acq: 30 Mar 2015 16:56

Tgt Ion: 164 Resp: 64870
 Ion Ratio Lower Upper
 164 100
 162 106.4 82.4 123.6
 160 44.8 35.8 53.6

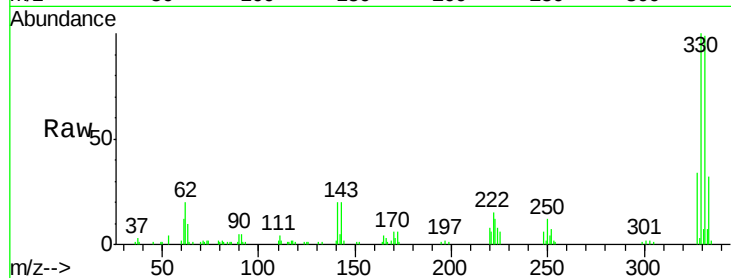




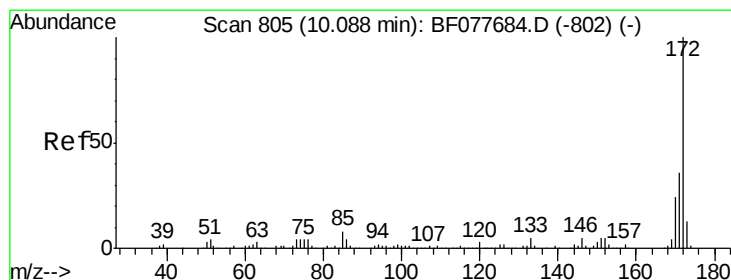
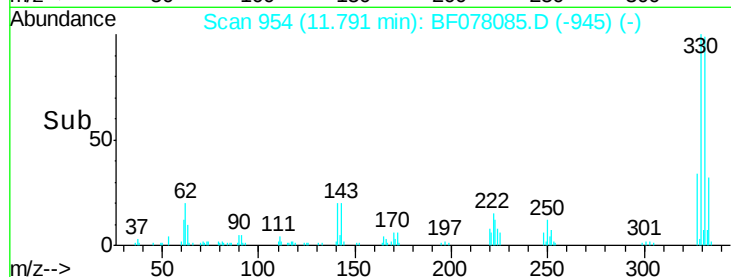
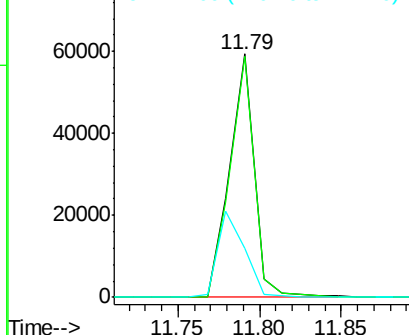
#41
 2,4,6-Tribromophenol
 Concen: 99.93 ng
 RT: 11.79 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF078085.D
 Acq: 30 Mar 2015 16:56

Instrument :
 BNA_F
 ClientSampleId :
 FS-016

Tgt Ion: 330 Resp: 62024
 Ion Ratio Lower Upper
 330 100
 332 97.9 0.0 0.0#
 141 38.3 0.0 0.0#

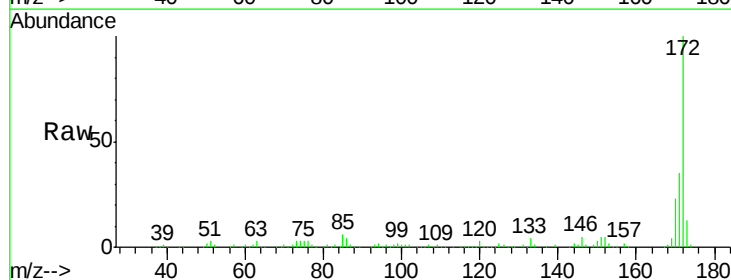


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

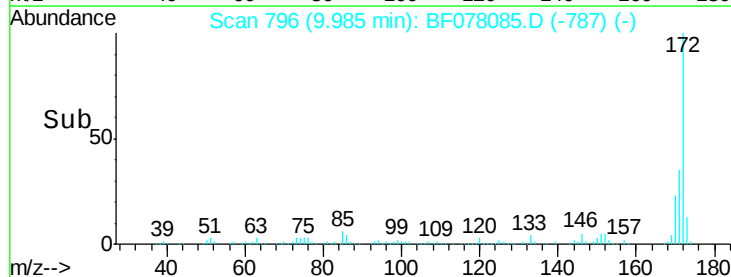
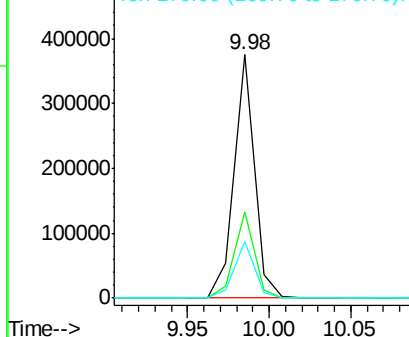


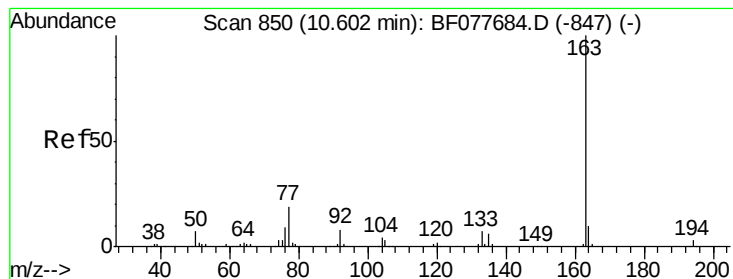
#44
 2-Fluorobiphenyl
 Concen: 73.19 ng
 RT: 9.98 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF078085.D
 Acq: 30 Mar 2015 16:56

Tgt Ion: 172 Resp: 323052
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 23.3 18.8 28.2



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: 2.54 ng

RT: 10.50 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF078085.D

Acq: 30 Mar 2015 16:56

Instrument :

BNA_F

ClientSampleId :

FS-016

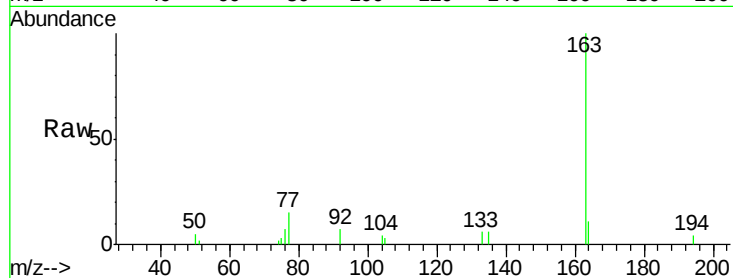
Tgt Ion:163 Resp: 12220

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

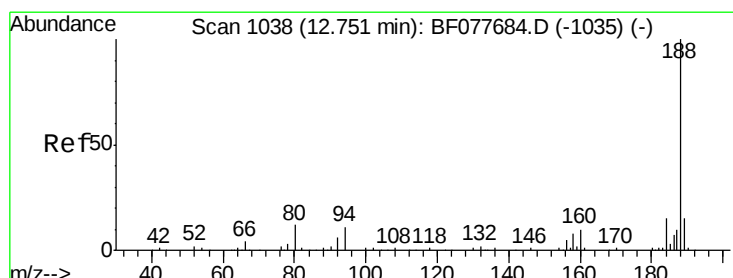
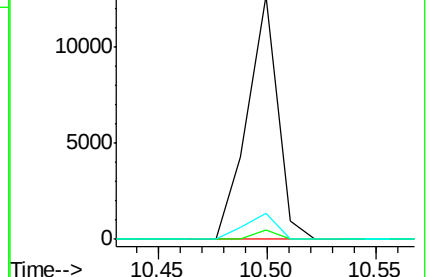
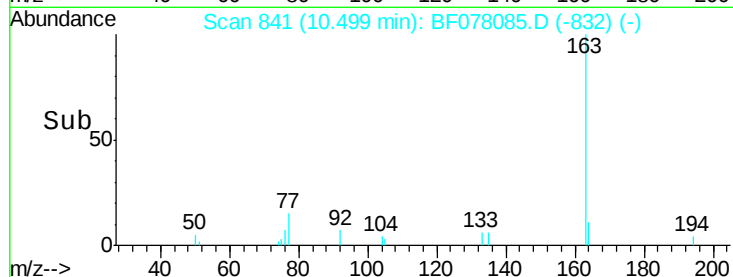
164 10.7 8.2 12.2



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: 12.65 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF078085.D

Acq: 30 Mar 2015 16:56

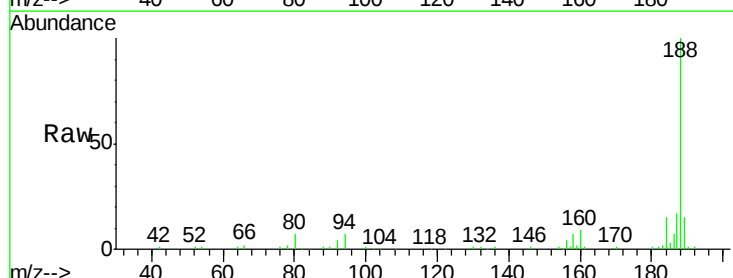
Tgt Ion:188 Resp: 128967

Ion Ratio Lower Upper

188 100

94 7.2 8.7 13.1#

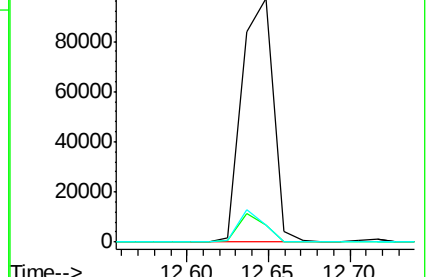
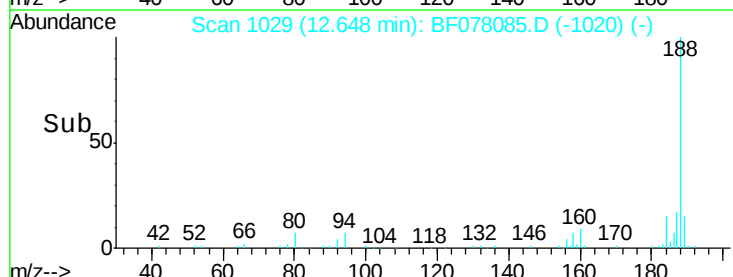
80 7.2 9.3 13.9#

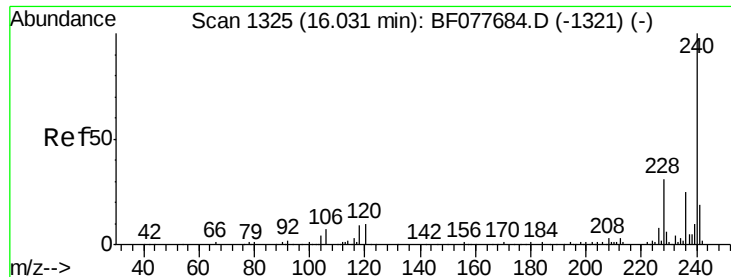


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

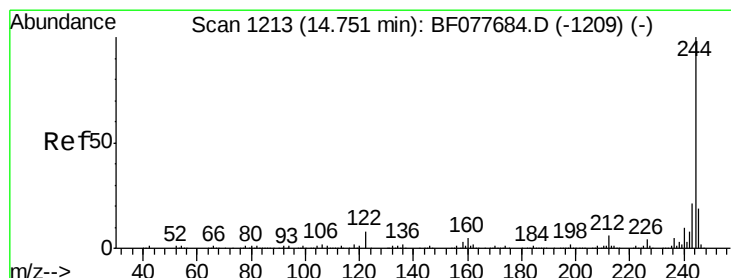
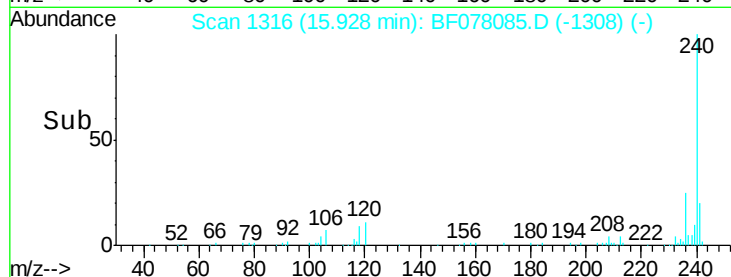
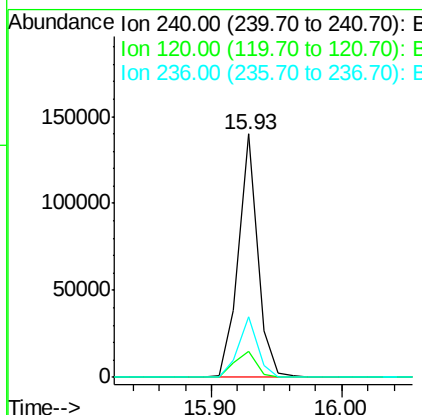
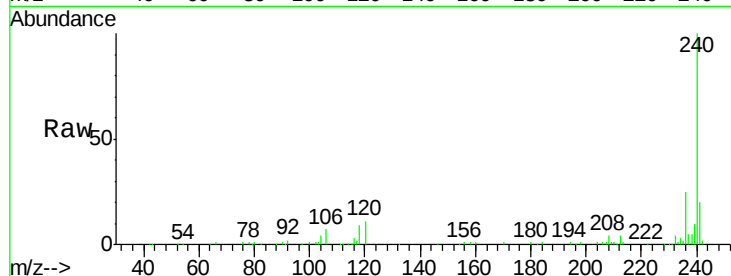




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.93 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF078085.D
Acq: 30 Mar 2015 16:56

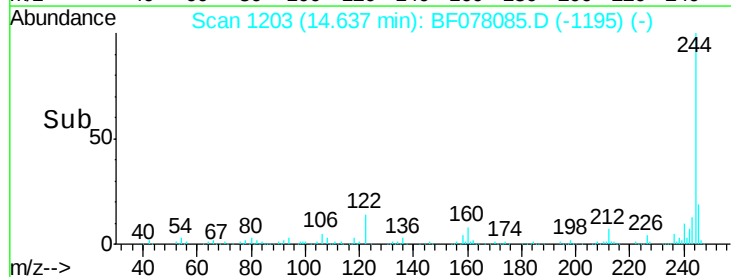
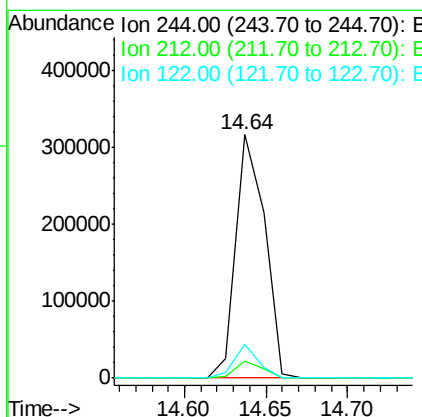
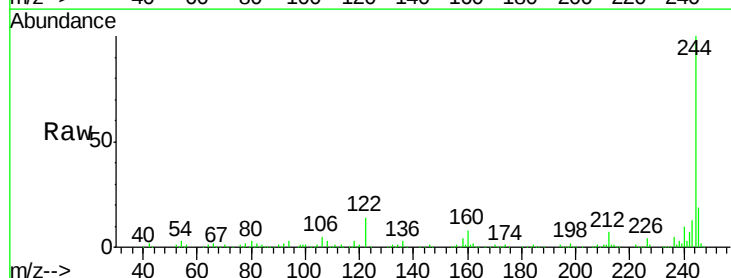
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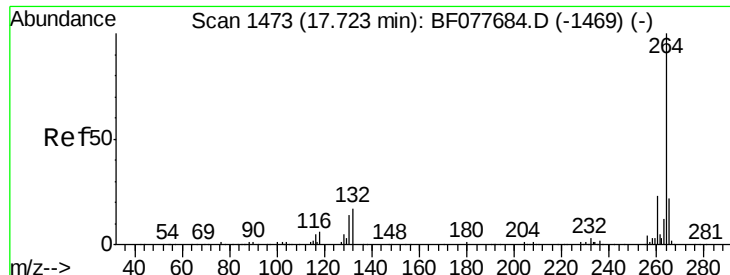
Tgt Ion:240 Resp: 144294
Ion Ratio Lower Upper
240 100
120 10.9 8.2 12.2
236 24.6 20.0 30.0



#78
Terphenyl-d14
Concen: 65.49 ng
RT: 14.64 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF078085.D
Acq: 30 Mar 2015 16:56

Tgt Ion:244 Resp: 386838
Ion Ratio Lower Upper
244 100
212 6.8 4.9 7.3
122 14.0 6.2 9.4#





#86

Perylene-d12

Concen: 20.00 ng

RT: 17.68 min Scan# 1469

Delta R.T. -0.02 min

Lab File: BF078085.D

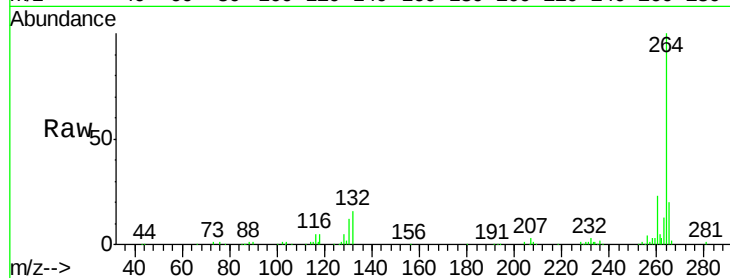
Acq: 30 Mar 2015 16:56

Instrument :

BNA_F

ClientSampleId :

FS-016



Tgt Ion: 264 Resp: 137992

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 20.2 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

