

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050815\
 Data File : BF079080.D
 Acq On : 9 May 2015 13:17
 Operator : TP/IZ
 Sample : G2151-15
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-09-3.0

Quant Time: May 11 01:02:43 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 00:37:37 2015
 Response via : Initial Calibration

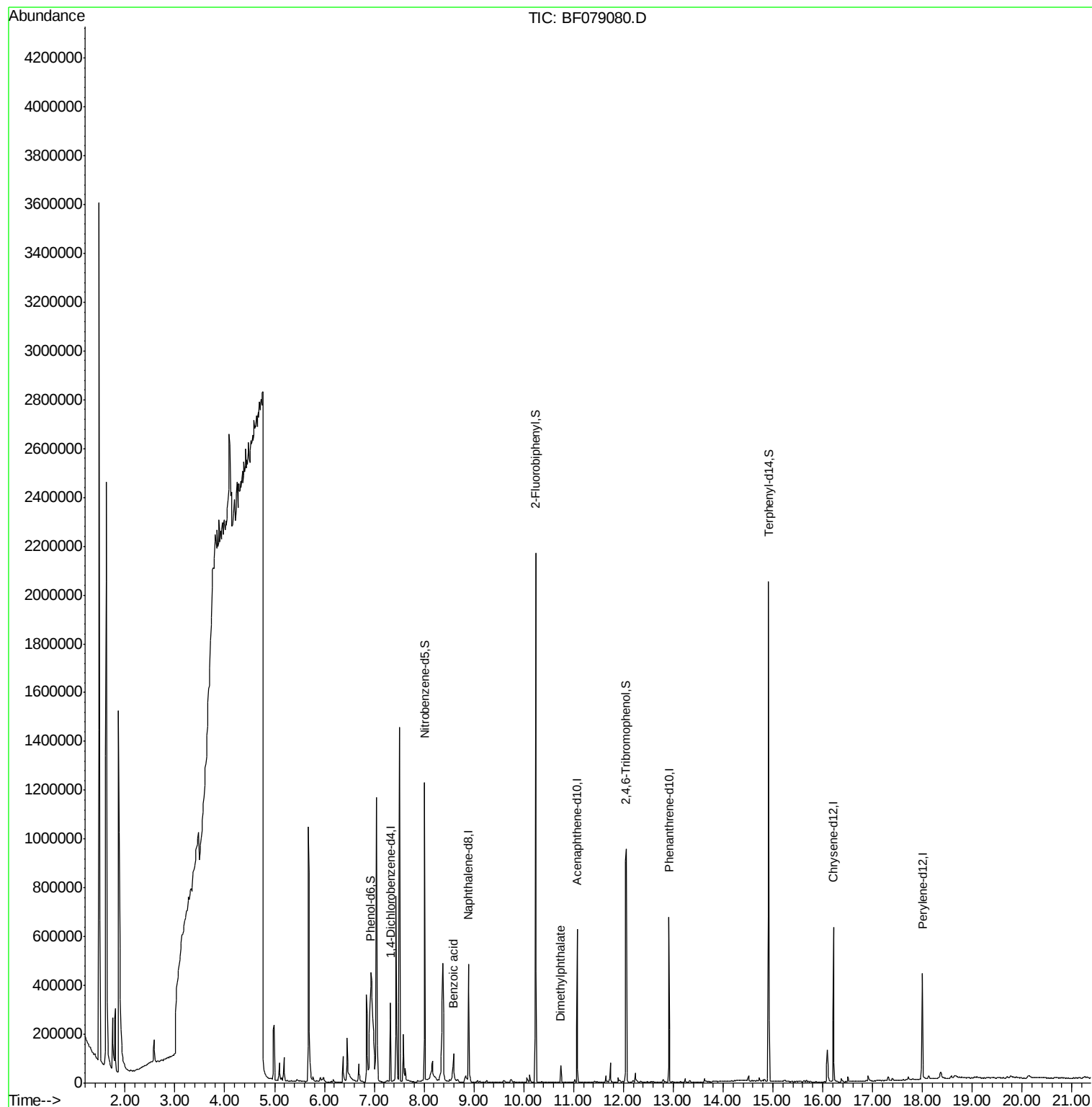
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	68309	20.00	ng	0.00
21) Naphthalene-d8	8.89	136	276989	20.00	ng	-0.01
38) Acenaphthene-d10	11.07	164	135471	20.00	ng	0.00
63) Phenanthrene-d10	12.91	188	262653	20.00	ng	0.00
75) Chrysene-d12	16.22	240	254325	20.00	ng	0.00
86) Perylene-d12	18.00	264	247336	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.92	99	312506	59.58	ng	0.05
23) Nitrobenzene-d5	8.01	82	359500	74.59	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	177984	121.45	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	655098	67.37	ng	0.00
78) Terphenyl-d14	14.91	244	711966	67.02	ng	0.00
Target Compounds						
32) Benzoic acid	8.59	122	32961	17.86	ng	95
49) Dimethylphthalate	10.74	163	29098	2.93	ng	99

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

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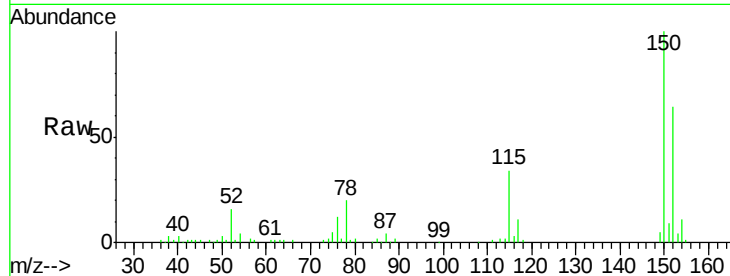




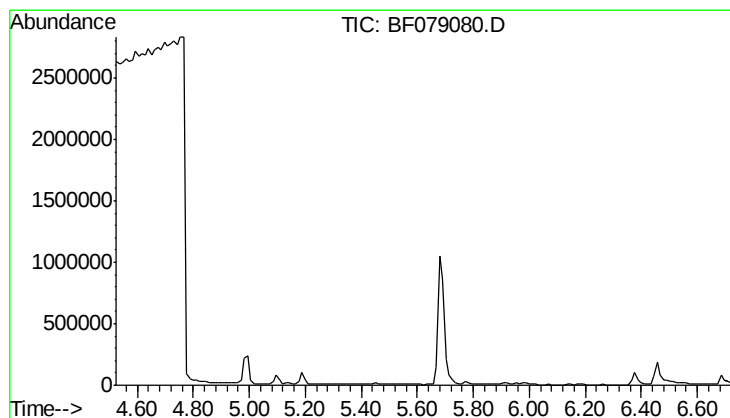
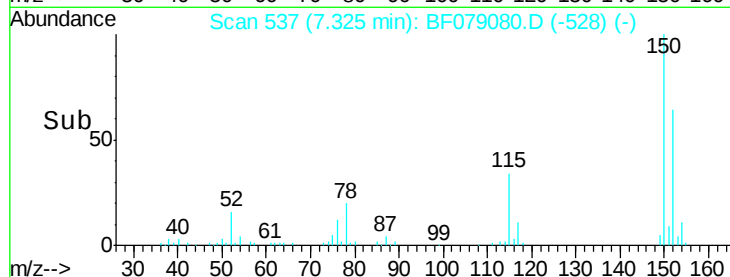
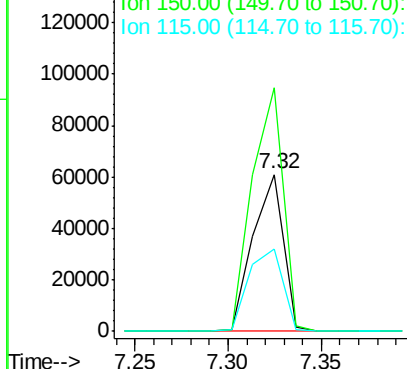
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.32 min Scan# 537
 Delta R.T. -0.00 min
 Lab File: BF079080.D
 Acq: 9 May 2015 13:17

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-09-3.0

Tgt Ion:152 Resp: 68309
 Ion Ratio Lower Upper
 152 100
 150 155.5 122.0 183.0
 115 52.2 46.3 69.5



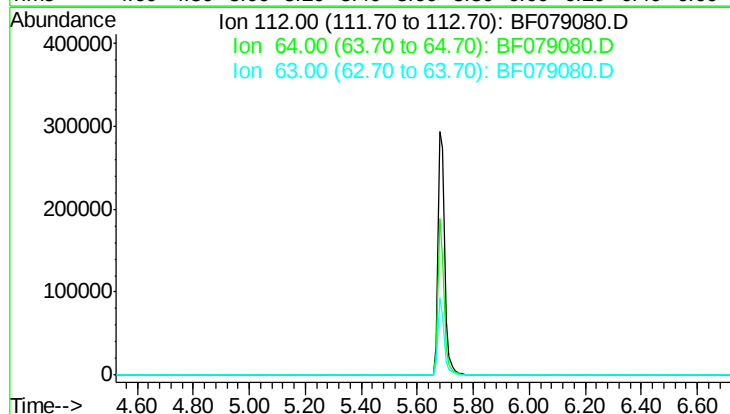
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

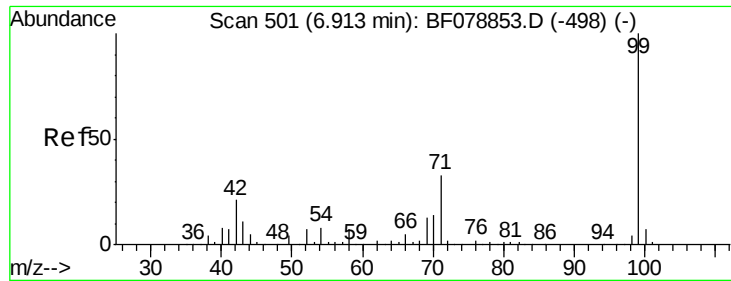


#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.62 min

Lab File: BF079080.D
 Acq: 9 May 2015 13:17

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 66.9
 63 34.4





#7

Phenol-d6

Concen: 59.58 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.05 min

Lab File: BF079080.D

Acq: 9 May 2015 13:17

Instrument :

BNA_F

ClientSampleId :

TU021-SB-09-3.0

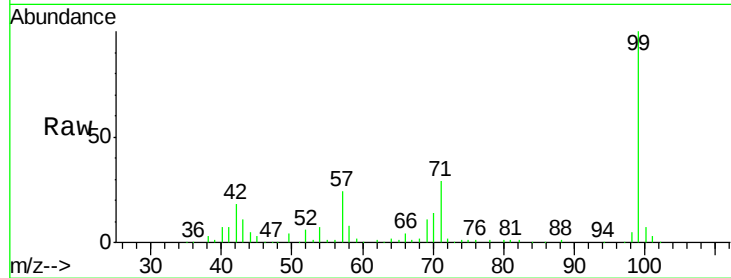
Tgt Ion: 99 Resp: 312506

Ion Ratio Lower Upper

99 100

42 18.0 12.8 19.2

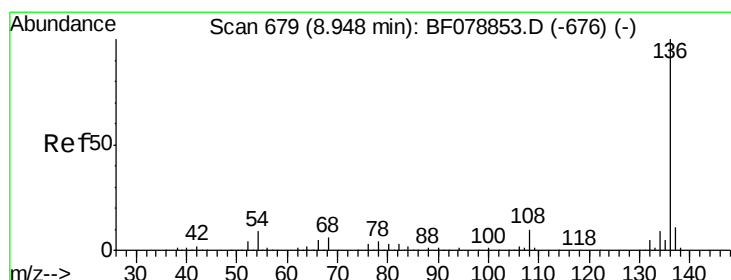
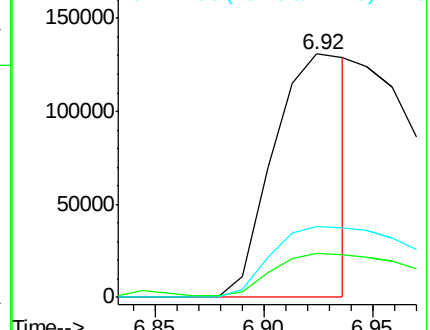
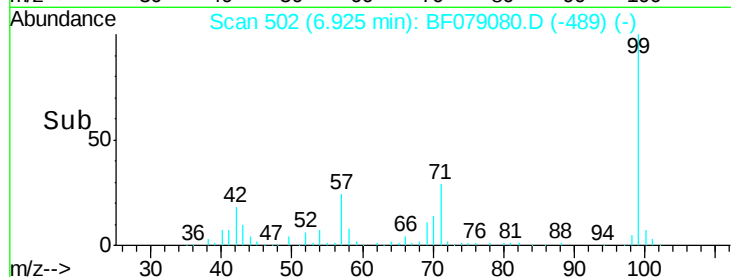
71 29.3 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF079080.D (-489) (-)

Ion 42.00 (41.70 to 42.70): BF079080.D (-489) (-)

Ion 71.00 (70.70 to 71.70): BF079080.D (-489) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.89 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF079080.D

Acq: 9 May 2015 13:17

Tgt Ion: 136 Resp: 276989

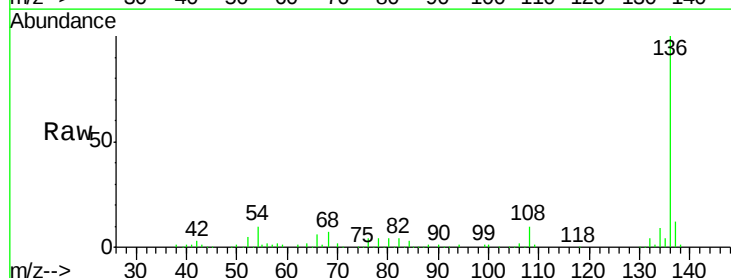
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 10.3 5.8 8.8#

68 7.4 4.2 6.4#

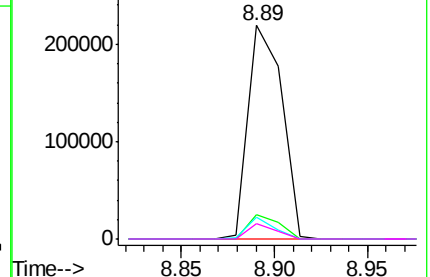
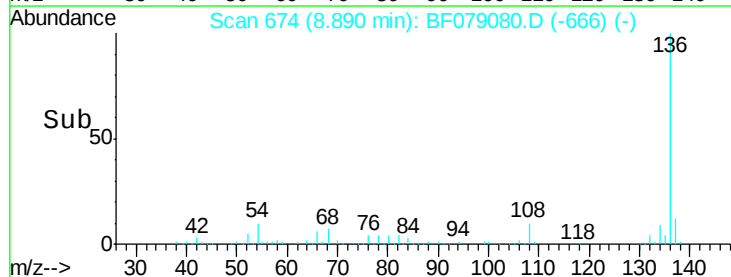


Abundance Ion 136.00 (135.70 to 136.70): BF079080.D (-666) (-)

Ion 137.00 (136.70 to 137.70): BF079080.D (-666) (-)

Ion 54.00 (53.70 to 54.70): BF079080.D (-666) (-)

Ion 68.00 (67.70 to 68.70): BF079080.D (-666) (-)

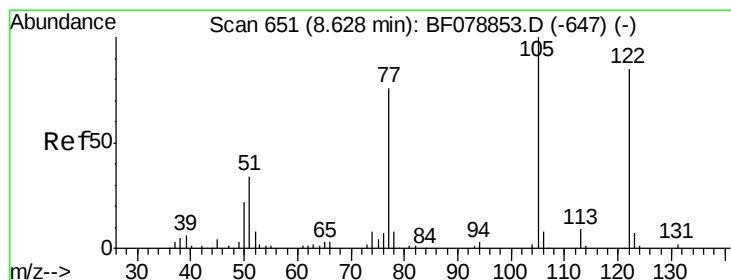
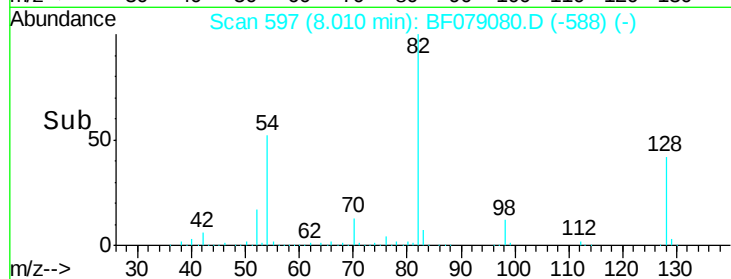
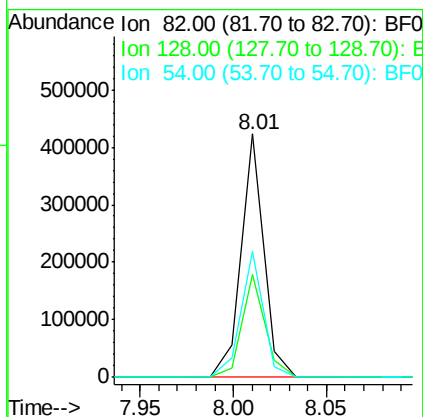
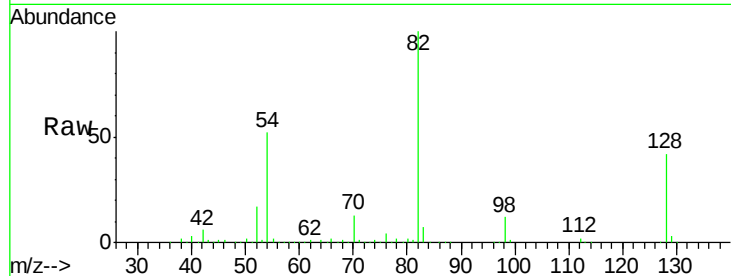




#23
 Nitrobenzene-d5
 Concen: 74.59 ng
 RT: 8.01 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF079080.D
 Acq: 9 May 2015 13:17

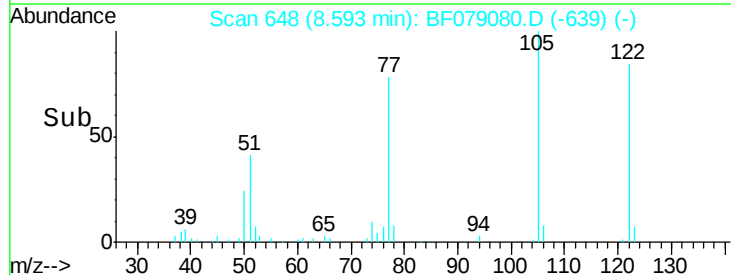
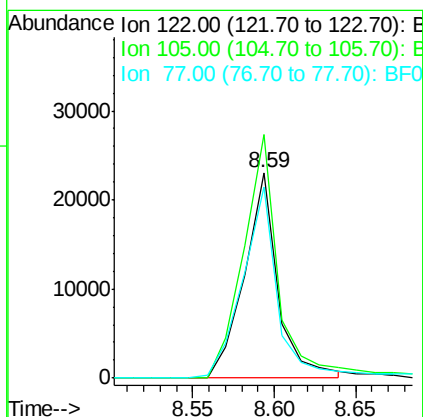
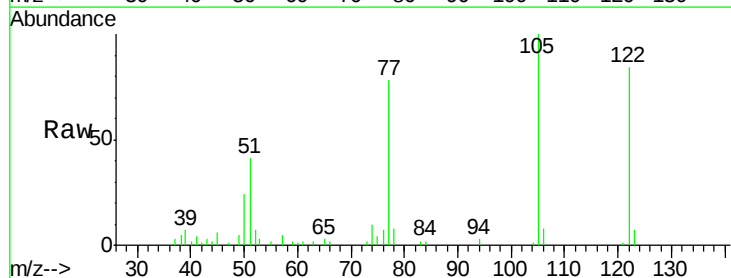
Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-09-3.0

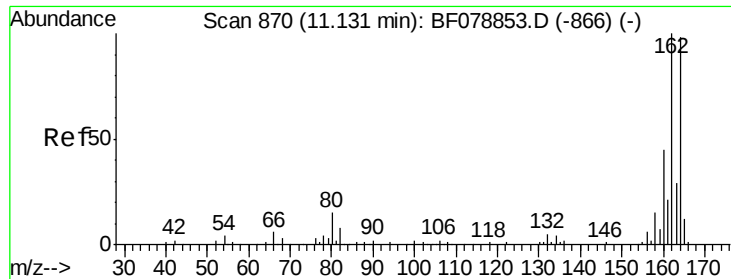
Tgt Ion: 82 Resp: 359500
 Ion Ratio Lower Upper
 82 100
 128 42.4 30.0 45.0
 54 51.9 46.4 69.6



#32
 Benzoic acid
 Concen: 17.86 ng
 RT: 8.59 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF079080.D
 Acq: 9 May 2015 13:17

Tgt Ion: 122 Resp: 32961
 Ion Ratio Lower Upper
 122 100
 105 118.6 107.1 147.1
 77 93.0 73.9 113.9

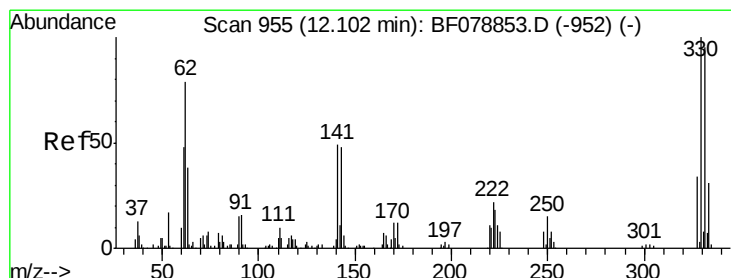
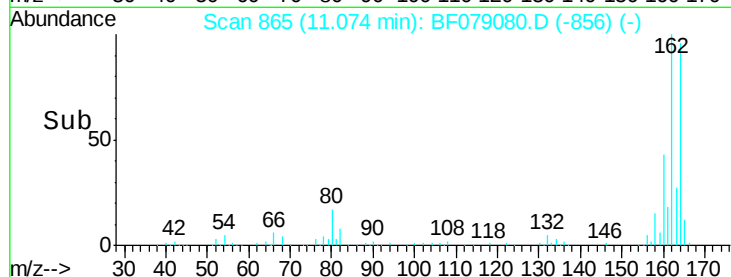
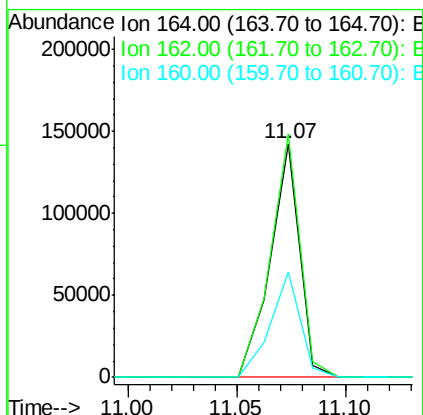
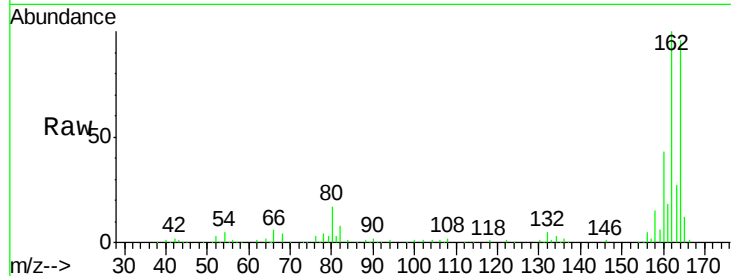




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF079080.D
 Acq: 9 May 2015 13:17

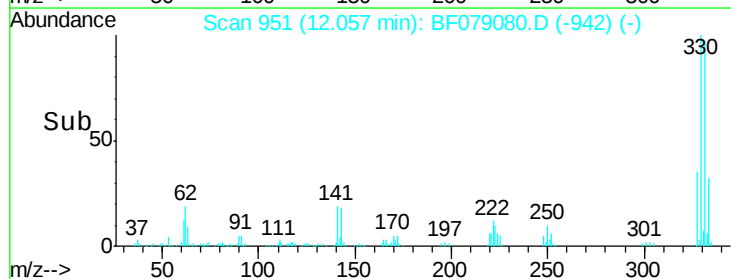
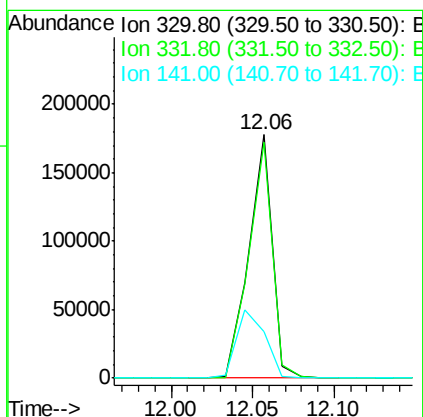
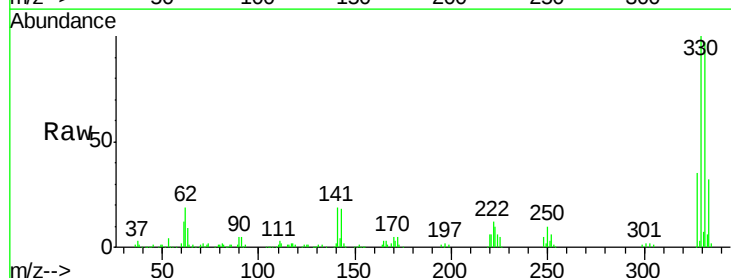
Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-09-3.0

Tgt Ion:164 Resp: 135471
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.7 124.1
 160 45.3 35.8 53.8



#41
 2,4,6-Tribromophenol
 Concen: 121.45 ng
 RT: 12.06 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF079080.D
 Acq: 9 May 2015 13:17

Tgt Ion:330 Resp: 177984
 Ion Ratio Lower Upper
 330 100
 332 97.5 0.0 0.0#
 141 33.3 0.0 0.0#

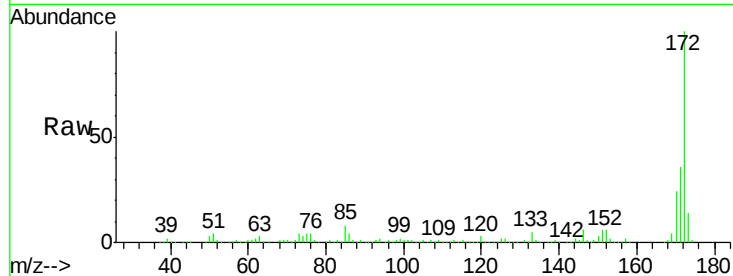




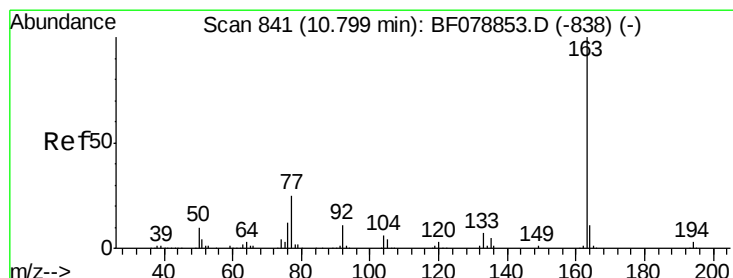
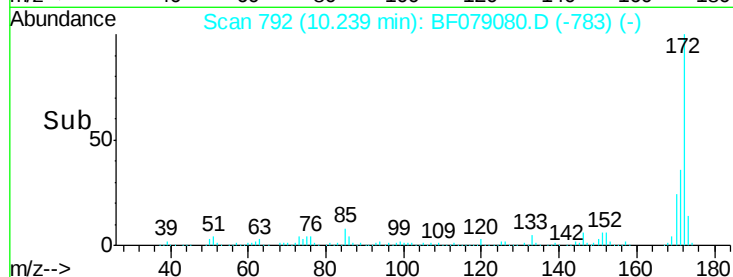
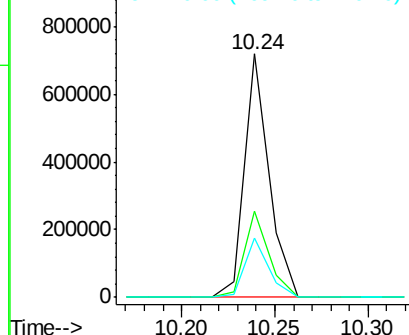
#44
2-Fluorobiphenyl
Concen: 67.37 ng
RT: 10.24 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF079080.D
Acq: 9 May 2015 13:17

Instrument :
BNA_F
ClientSampleId :
TU021-SB-09-3.0

Tgt Ion:172 Resp: 655098
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 24.2 19.4 29.0

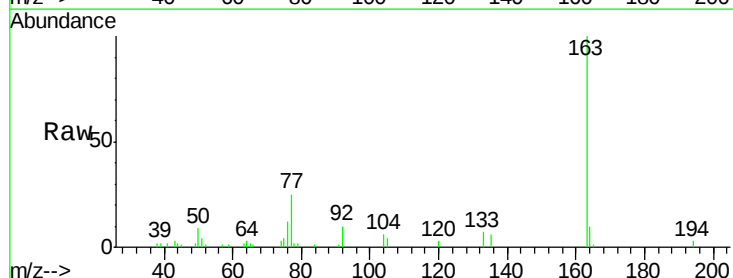


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

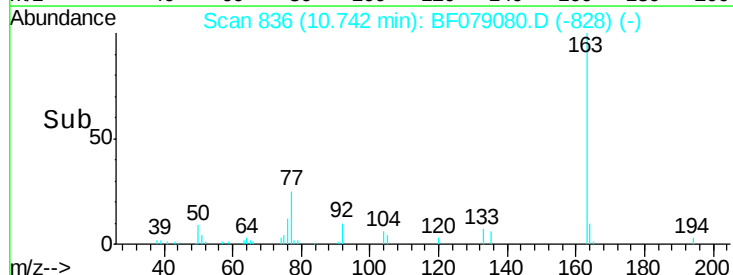
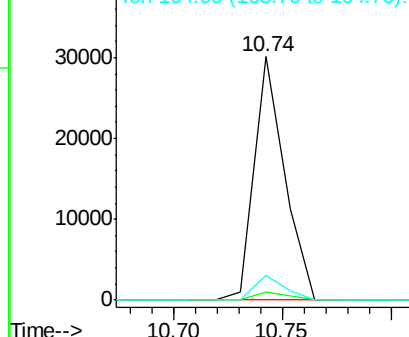


#49
Dimethylphthalate
Concen: 2.93 ng
RT: 10.74 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF079080.D
Acq: 9 May 2015 13:17

Tgt Ion:163 Resp: 29098
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.4 8.1 12.1



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

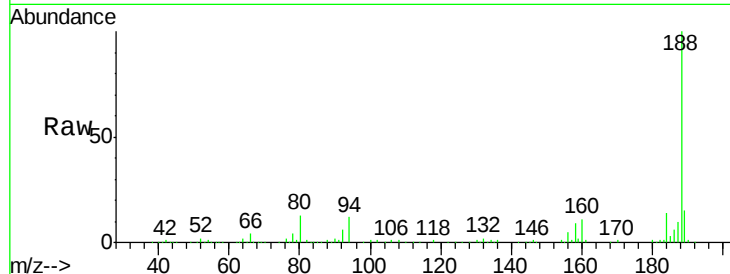




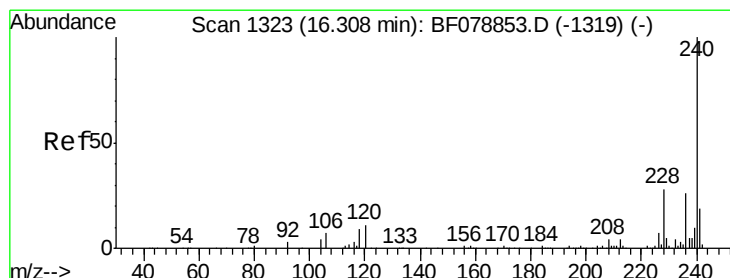
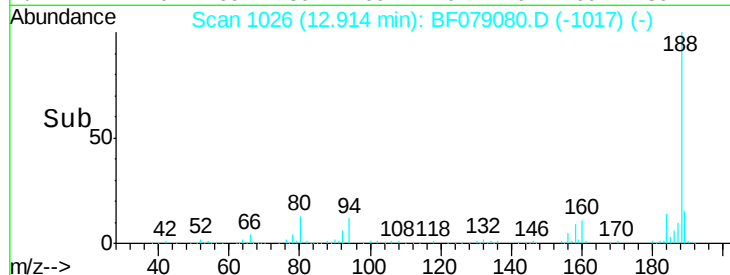
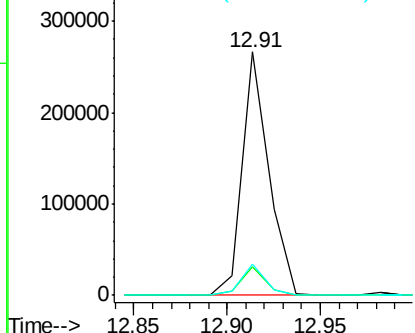
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.91 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF079080.D
Acq: 9 May 2015 13:17

Instrument :
BNA_F
ClientSampleId :
TU021-SB-09-3.0

Tgt Ion:188 Resp: 262653
Ion Ratio Lower Upper
188 100
94 11.8 8.2 12.2
80 12.6 8.9 13.3

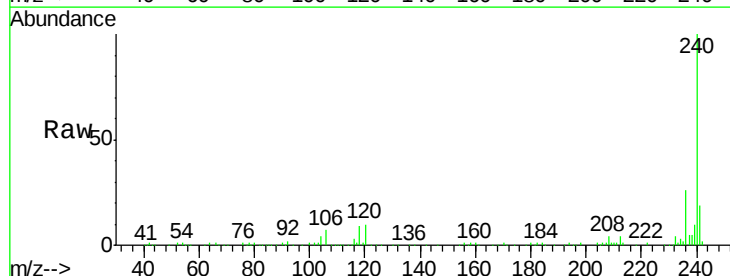


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

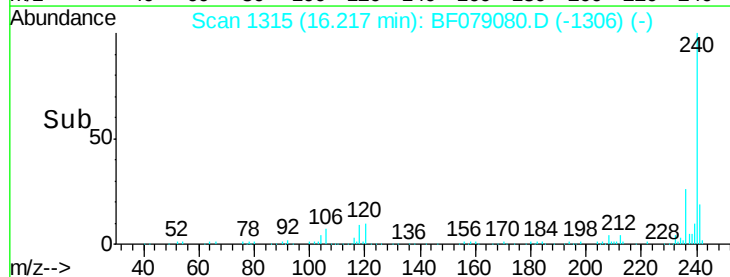
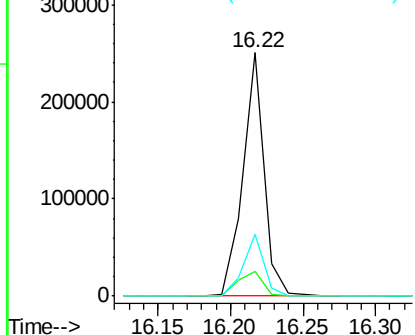


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.22 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BF079080.D
Acq: 9 May 2015 13:17

Tgt Ion:240 Resp: 254325
Ion Ratio Lower Upper
240 100
120 10.3 9.7 14.5
236 25.6 20.2 30.4



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

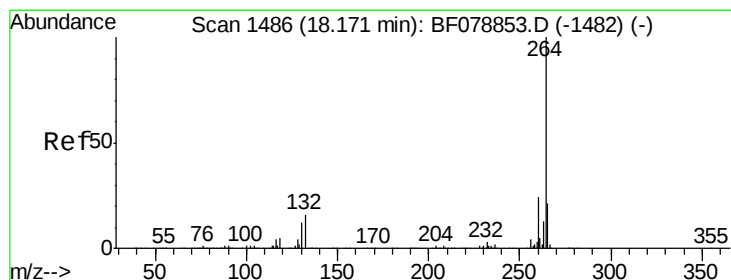
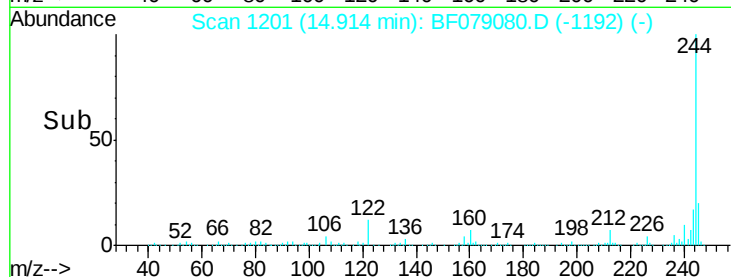
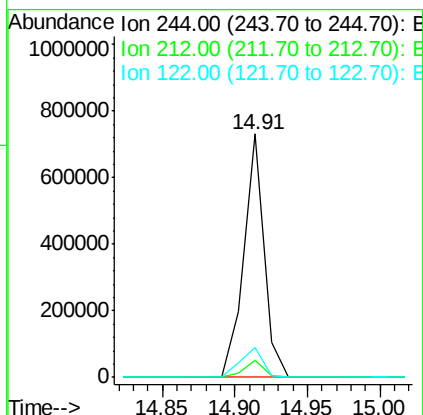
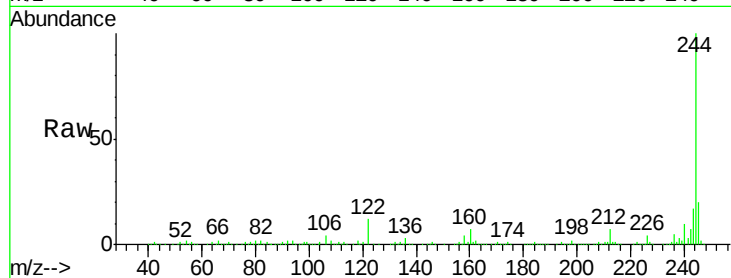




#78
 Terphenyl-d14
 Concen: 67.02 ng
 RT: 14.91 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF079080.D
 Acq: 9 May 2015 13:17

Instrument :
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 TU021-SB-09-3.0

Tgt Ion:244 Resp: 711966
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 12.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.00 min Scan# 1471
 Delta R.T. 0.07 min
 Lab File: BF079080.D
 Acq: 9 May 2015 13:17

Tgt Ion:264 Resp: 247336
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.3 18.3 27.5

