

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050115\
 Data File : BF078888.D
 Acq On : 1 May 2015 13:05
 Operator : TP/IZ
 Sample : G2024-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 14:16:50 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 19:07:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	69485	20.00	ng	-0.01
21) Naphthalene-d8	8.94	136	286213	20.00	ng	-0.01
38) Acenaphthene-d10	11.11	164	132439	20.00	ng	-0.02
63) Phenanthrene-d10	12.96	188	268549	20.00	ng	-0.01
75) Chrysene-d12	16.31	240	285007	20.00	ng	0.01
86) Perylene-d12	18.21	264	288679	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	563271	139.54	ng	-0.01
7) Phenol-d6	6.90	99	687944	128.93	ng	-0.02
23) Nitrobenzene-d5	8.04	82	438430	88.04	ng	-0.02
41) 2,4,6-Tribromophenol	12.09	330	232506	162.28	ng	-0.02
44) 2-Fluorobiphenyl	10.28	172	938742	98.75	ng	-0.01
78) Terphenyl-d14	14.96	244	1151568	96.74	ng	-0.01

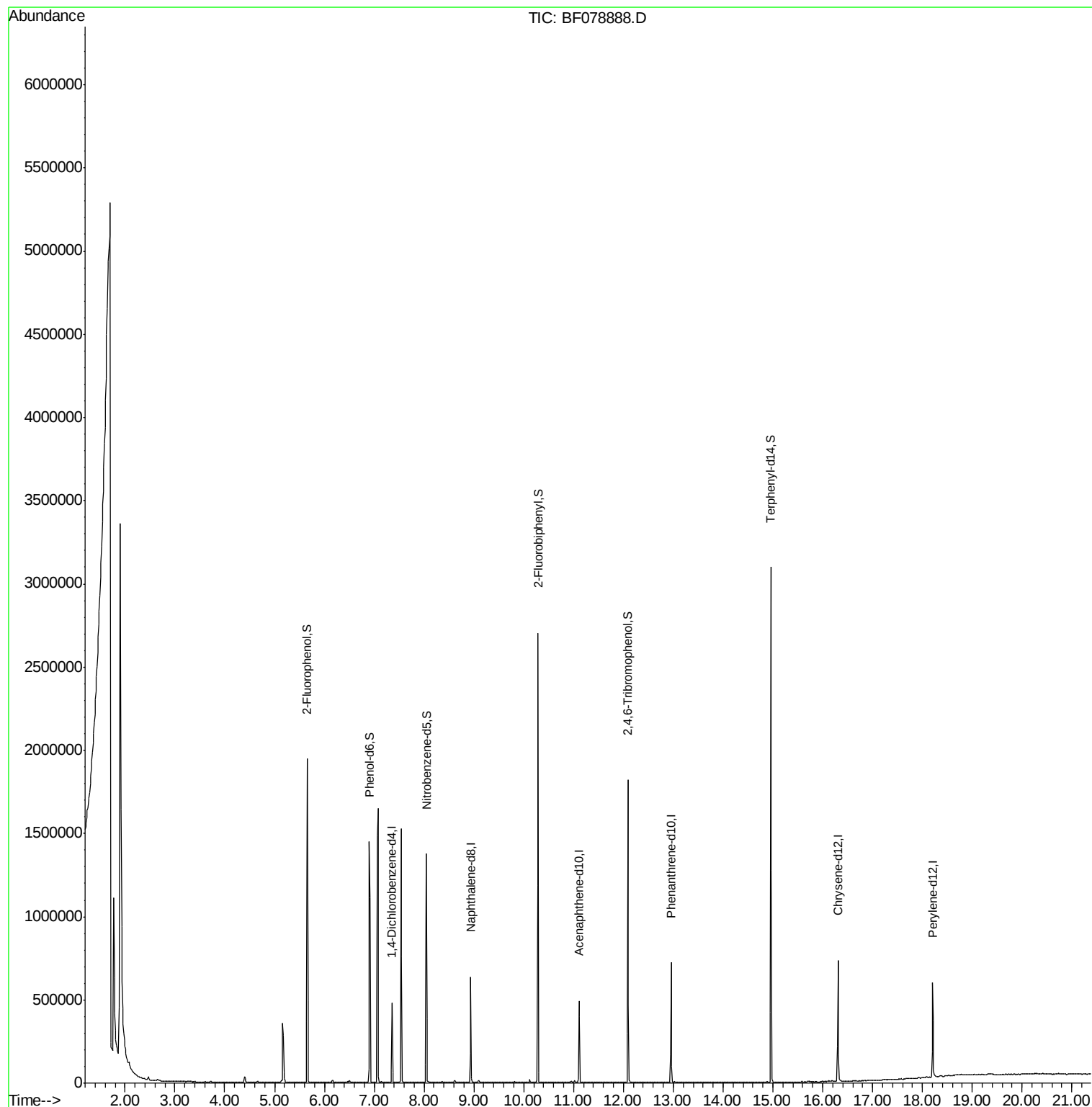
Target Compounds Qvalue

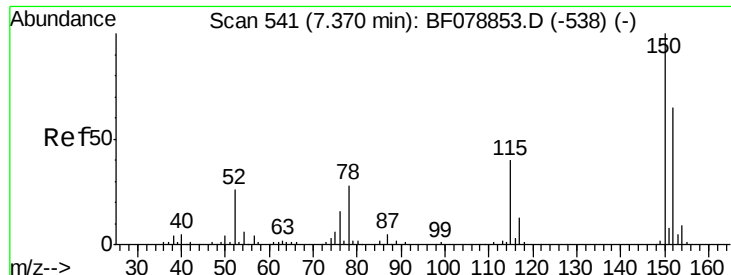
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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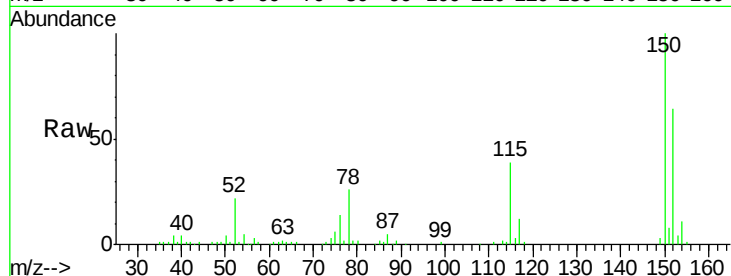


#1

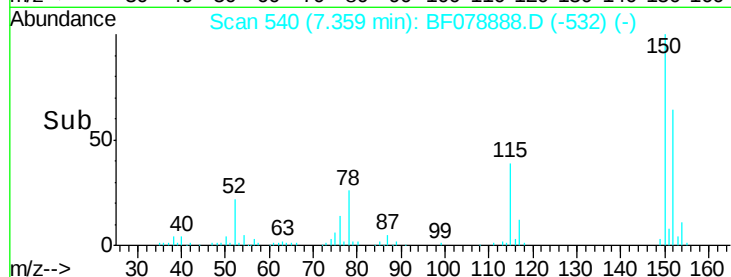
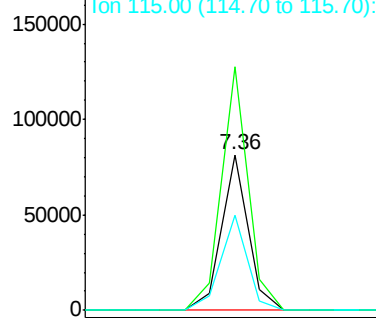
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.36 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF078888.D
Acq: 1 May 2015 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 69485
Ion Ratio Lower Upper
152 100
150 156.7 122.0 183.0
115 61.1 46.3 69.5



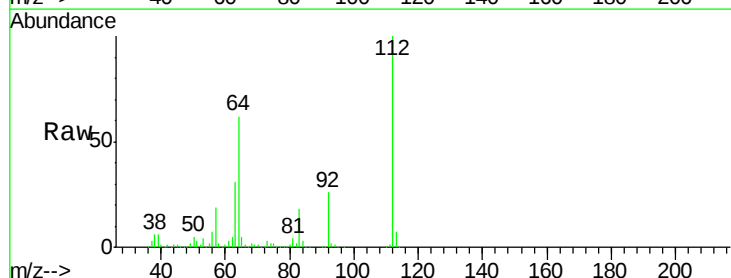
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



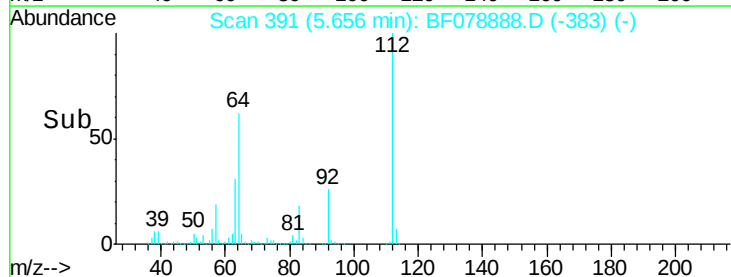
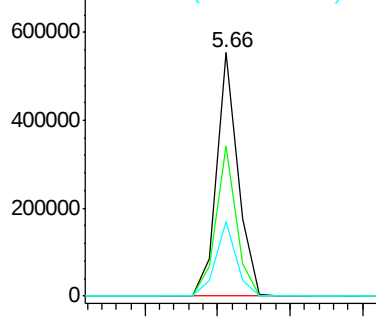
#5

2-Fluorophenol
Concen: 139.54 ng
RT: 5.66 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF078888.D
Acq: 1 May 2015 13:05

Tgt Ion:112 Resp: 563271
Ion Ratio Lower Upper
112 100
64 61.8 53.5 80.3
63 30.9 27.5 41.3



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: 128.93 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.02 min

Lab File: BF078888.D

Acq: 1 May 2015 13:05

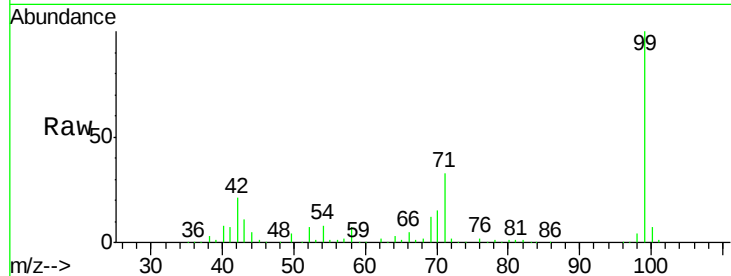
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 687944

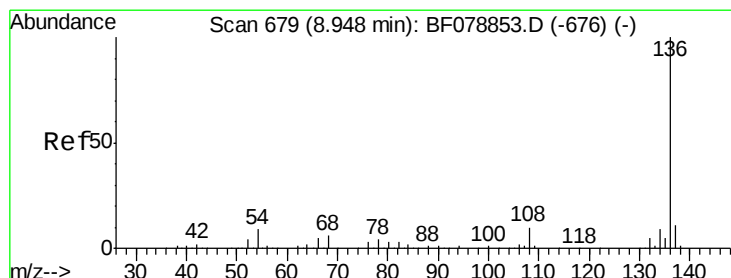
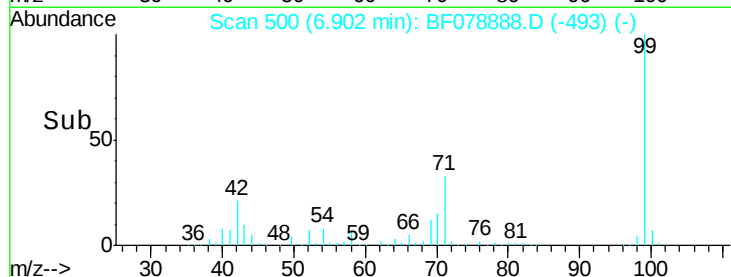
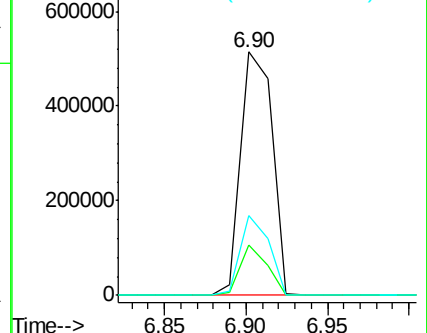
Ion	Ratio	Lower	Upper
99	100		
42	20.8	12.8	19.2#
71	32.9	23.4	35.2



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: 8.94 min Scan# 678

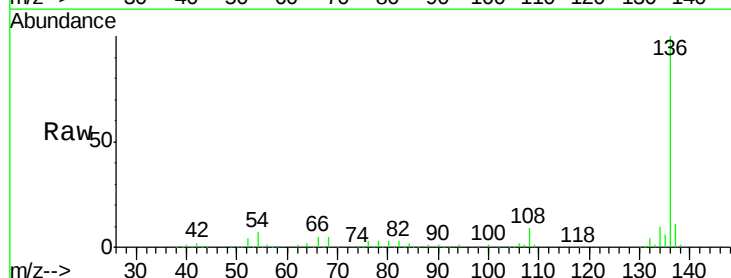
Delta R.T. -0.01 min

Lab File: BF078888.D

Acq: 1 May 2015 13:05

Tgt Ion: 136 Resp: 286213

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	7.1	5.8	8.8
68	5.4	4.2	6.4

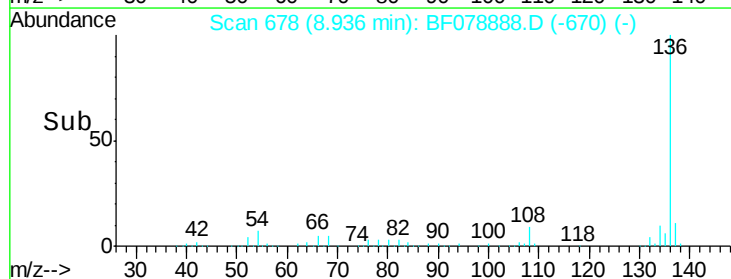
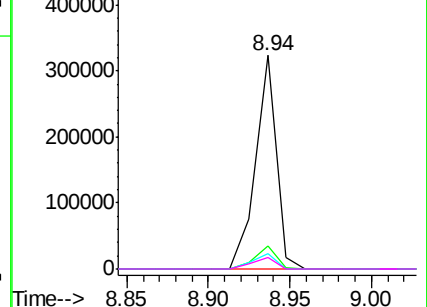


Abundance Ion 136.00 (135.70 to 136.70): E

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

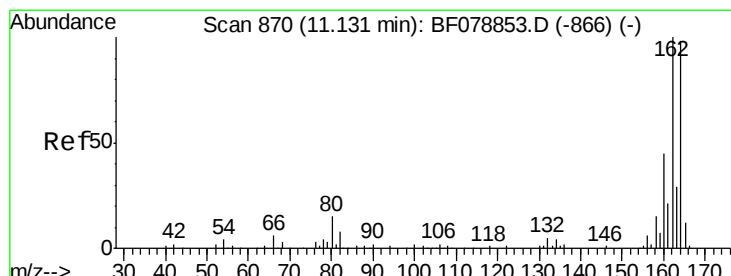
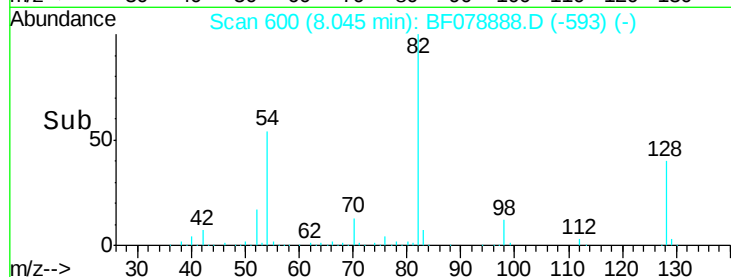
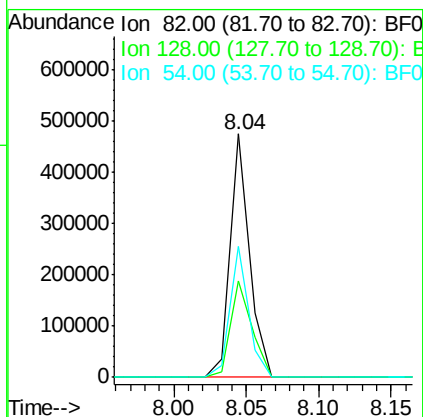
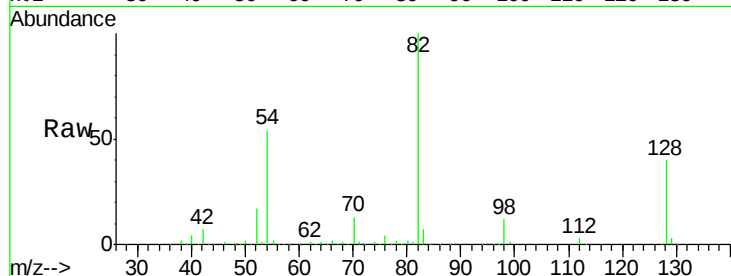




#23
 Nitrobenzene-d5
 Concen: 88.04 ng
 RT: 8.04 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF078888.D
 Acq: 1 May 2015 13:05

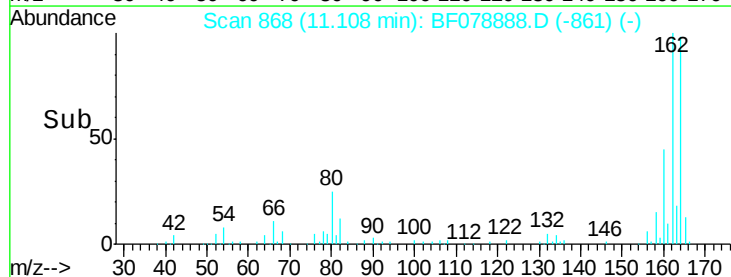
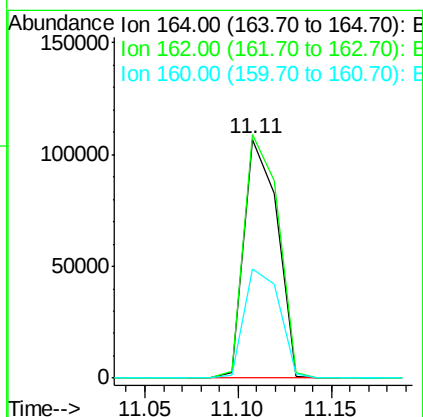
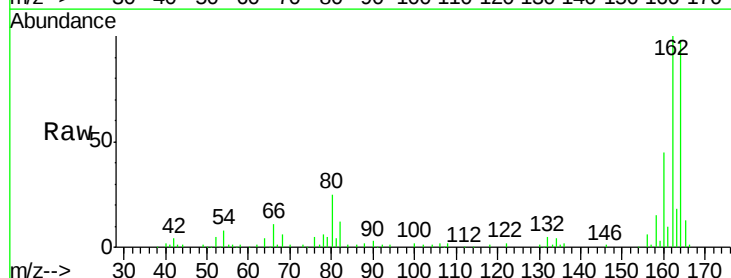
Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 438430
 Ion Ratio Lower Upper
 82 100
 128 39.7 30.0 45.0
 54 54.0 46.4 69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 868
 Delta R.T. -0.02 min
 Lab File: BF078888.D
 Acq: 1 May 2015 13:05

Tgt Ion: 164 Resp: 132439
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.7 124.1
 160 45.8 35.8 53.8

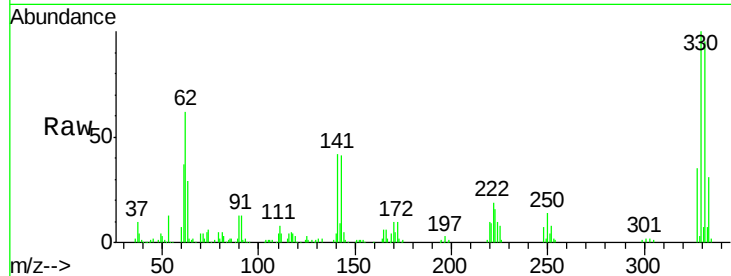




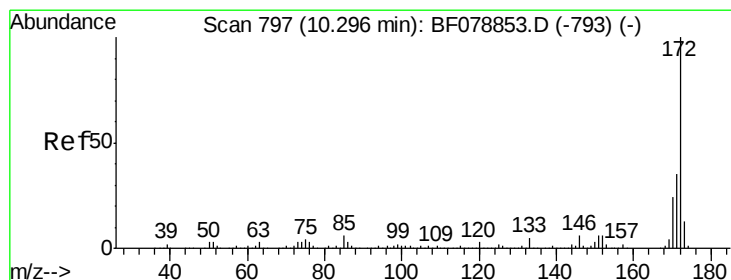
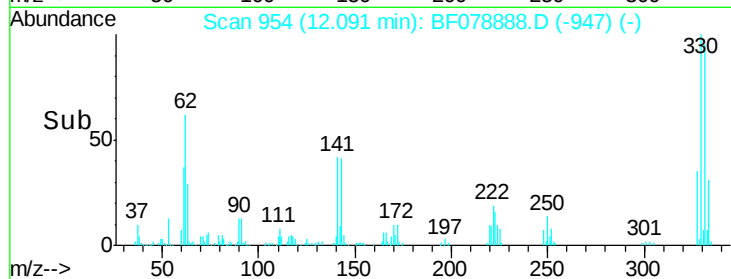
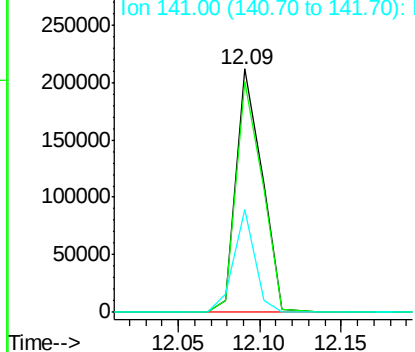
#41
 2,4,6-Tribromophenol
 Concen: 162.28 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.02 min
 Lab File: BF078888.D
 Acq: 1 May 2015 13:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	34.4	0.0	0.0#

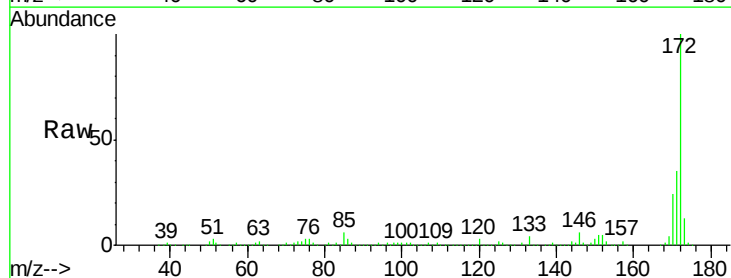


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

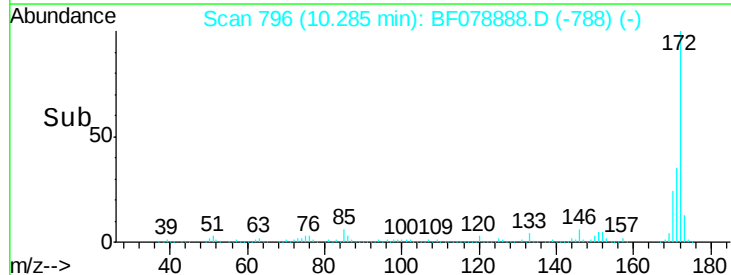
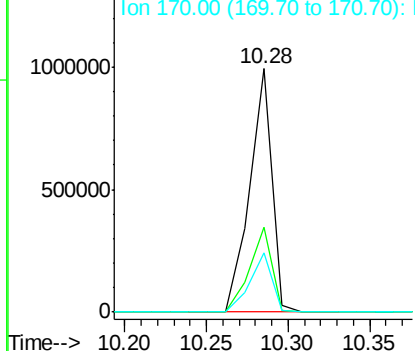


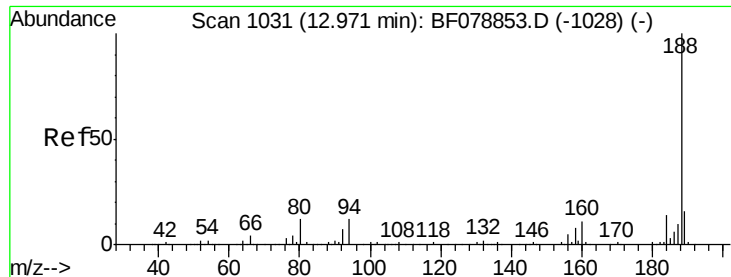
#44
 2-Fluorobiphenyl
 Concen: 98.75 ng
 RT: 10.28 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF078888.D
 Acq: 1 May 2015 13:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	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

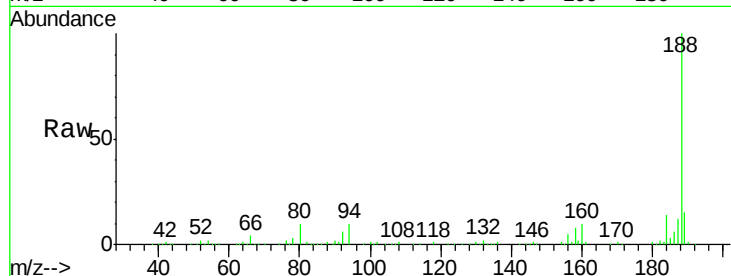




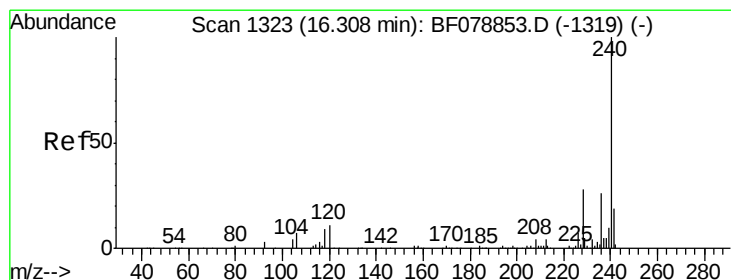
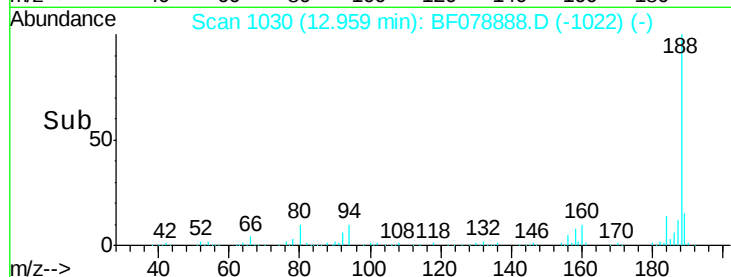
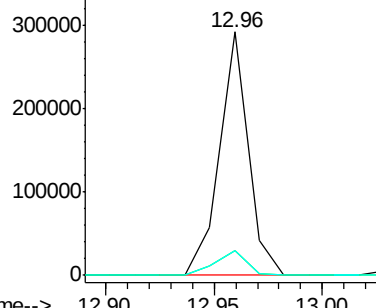
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.96 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF078888.D
Acq: 1 May 2015 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.2	12.2
80	10.2	8.9	13.3

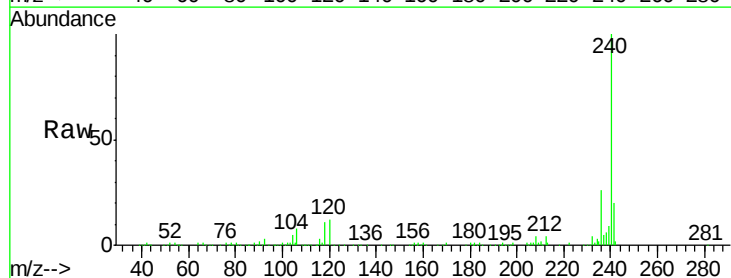


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

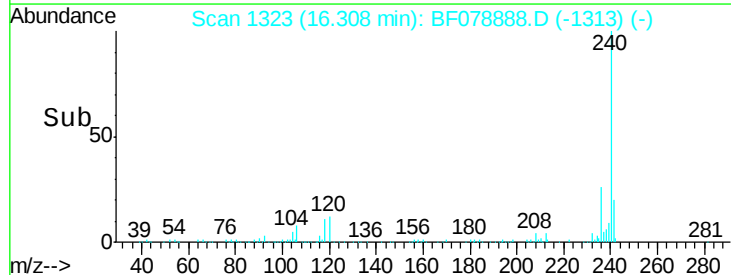
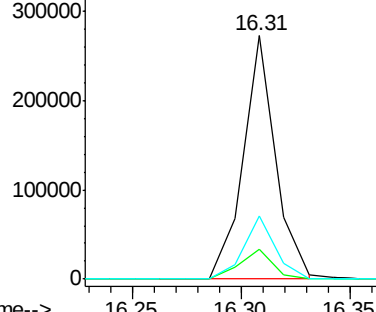


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.31 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF078888.D
Acq: 1 May 2015 13:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.7	14.5
236	26.2	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: 96.74 ng

RT: 14.96 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF078888.D

Acq: 1 May 2015 13:05

Instrument :

BNA_F

ClientSampled :

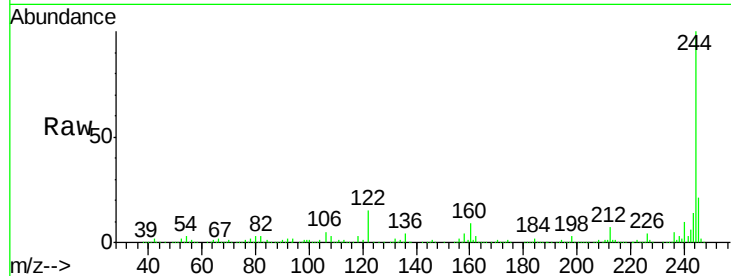
Tot Ion:244 Resp: 1151568

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

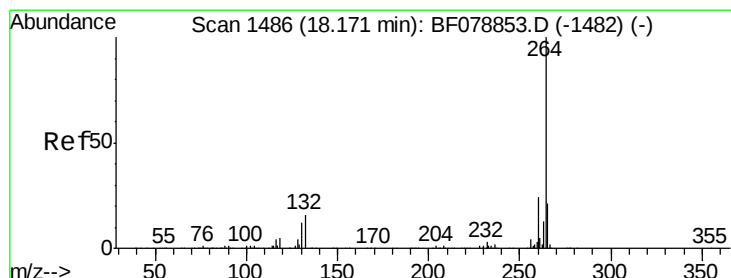
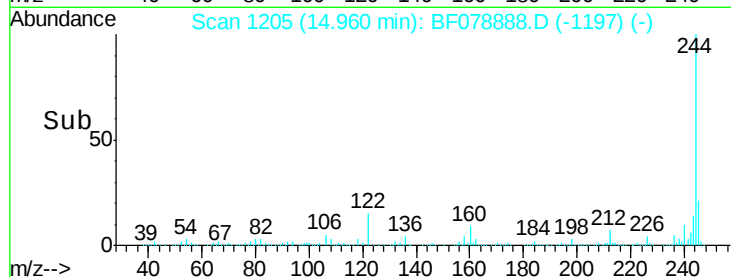
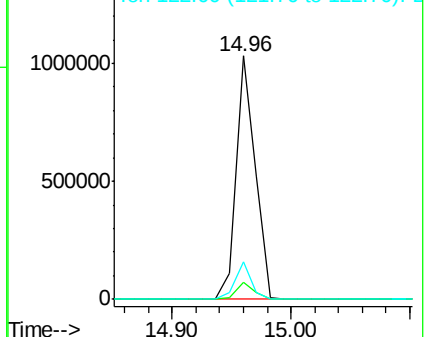
122 15.2 10.3 15.5



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 18.21 min Scan# 1489

Delta R.T. 0.09 min

Lab File: BF078888.D

Acq: 1 May 2015 13:05

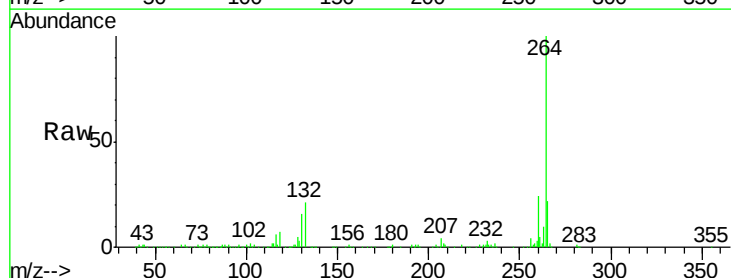
Tgt Ion:264 Resp: 288679

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 21.5 18.3 27.5



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

