

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050415\
 Data File : BF078928.D
 Acq On : 4 May 2015 19:48
 Operator : TP/IZ
 Sample : G2002-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-04

Quant Time: May 05 02:23:08 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 00:58:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	62729	20.00	ng	0.00
21) Naphthalene-d8	8.94	136	256314	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	122813	20.00	ng	-0.01
63) Phenanthrene-d10	12.95	188	240357	20.00	ng	-0.01
75) Chrysene-d12	16.25	240	252707	20.00	ng	-0.07
86) Perylene-d12	18.01	264	241950	20.00	ng	-0.23
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	502392	137.86	ng	0.01
7) Phenol-d6	6.90	99	550818	114.35	ng	0.00
23) Nitrobenzene-d5	8.04	82	419867	94.14	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	200919	151.23	ng	0.00
44) 2-Fluorobiphenyl	10.27	172	833463	94.55	ng	-0.01
78) Terphenyl-d14	14.95	244	1060815m	100.50	ng	-0.01

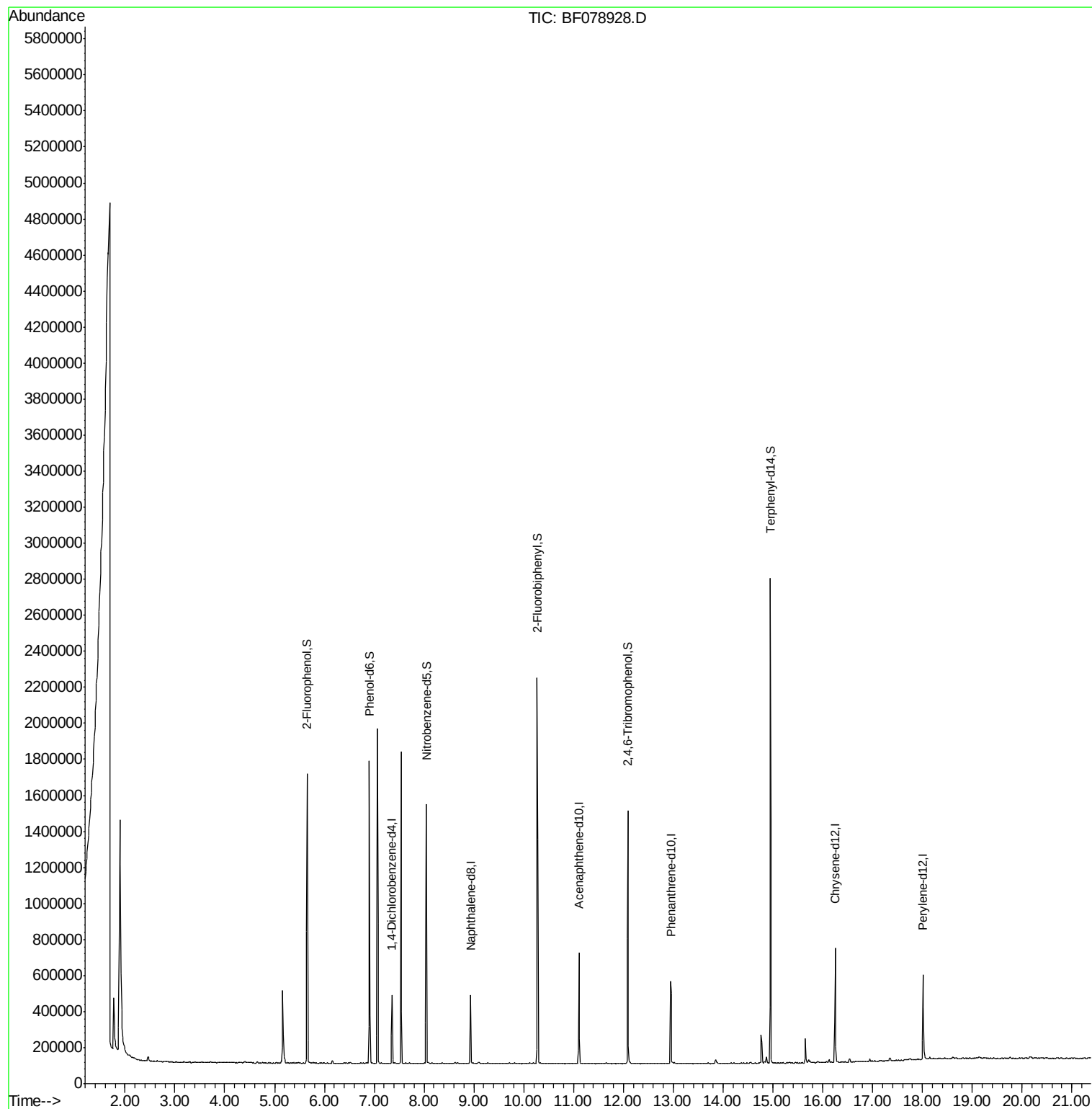
Target Compounds Qvalue

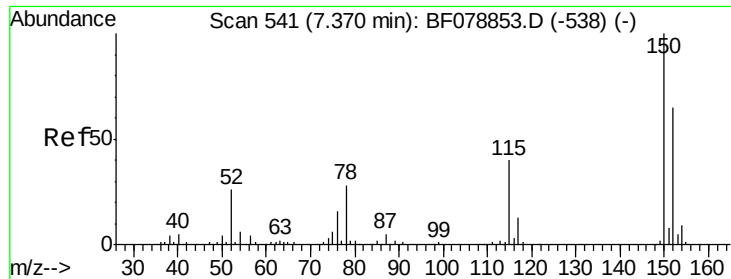
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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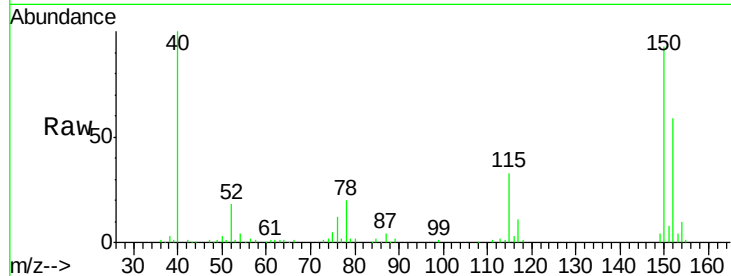


#1

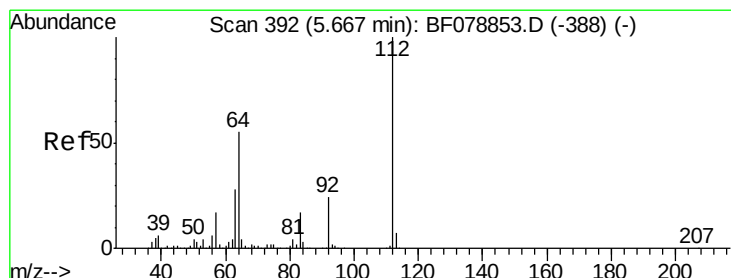
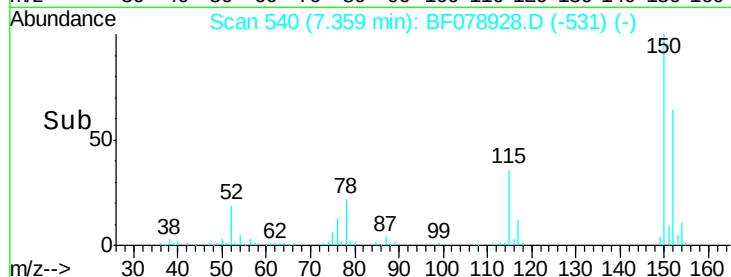
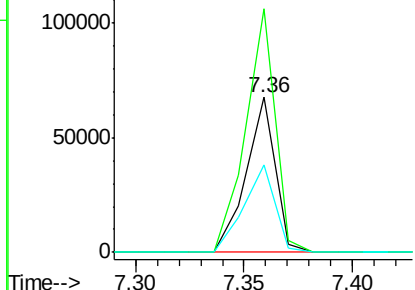
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.36 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF078928.D
Acq: 4 May 2015 19:48

Instrument :
BNA_F
ClientSampleId :
TEC-04

Tot Ion:152 Resp: 62729
Ion Ratio Lower Upper
152 100
150 157.0 122.0 183.0
115 56.2 46.3 69.5



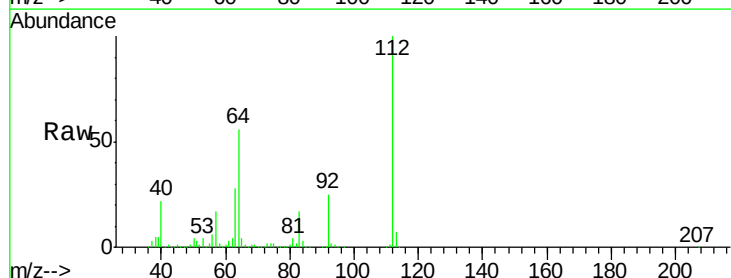
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



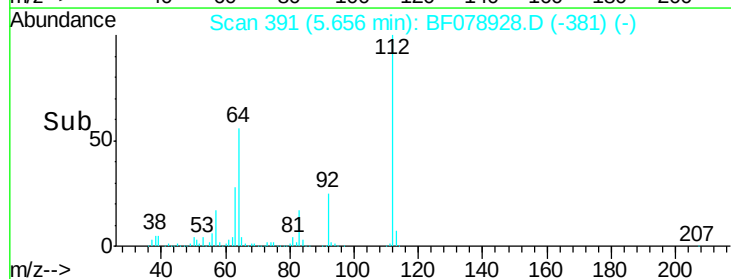
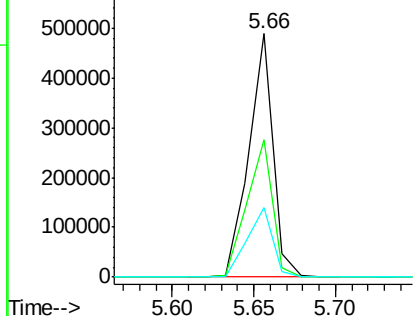
#5

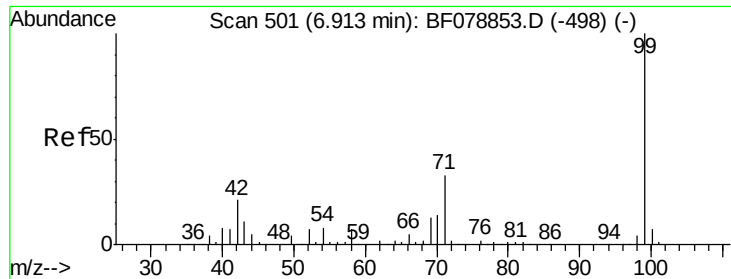
2-Fluorophenol
Concen: 137.86 ng
RT: 5.66 min Scan# 391
Delta R.T. 0.01 min
Lab File: BF078928.D
Acq: 4 May 2015 19:48

Tgt Ion:112 Resp: 502392
Ion Ratio Lower Upper
112 100
64 56.3 53.5 80.3
63 28.3 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: 114.35 ng

RT: 6.90 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078928.D

Acq: 4 May 2015 19:48

Instrument :

BNA_F

ClientSampled :

TEC-04

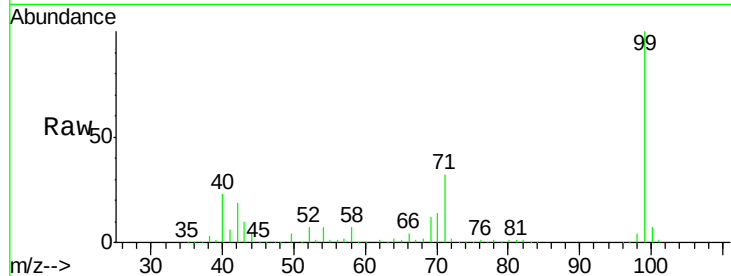
Tot Ion: 99 Resp: 550818

Ion Ratio Lower Upper

99 100

42 19.1 12.8 19.2

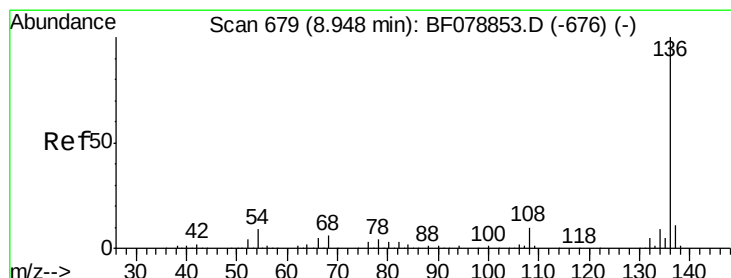
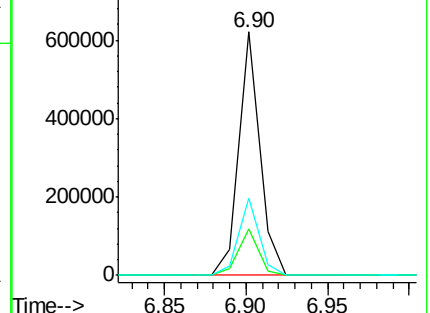
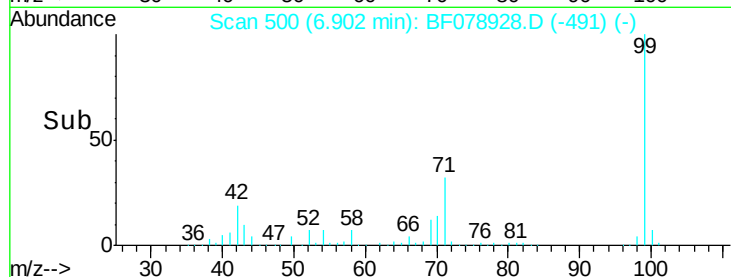
71 31.7 23.4 35.2



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. 0.00 min

Lab File: BF078928.D

Acq: 4 May 2015 19:48

Tgt Ion: 136 Resp: 256314

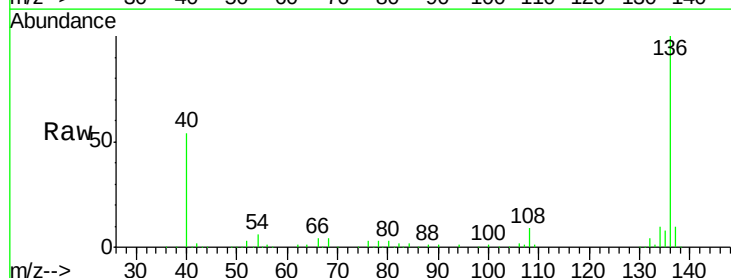
Ion Ratio Lower Upper

136 100

137 10.1 8.7 13.1

54 5.8 5.8 8.8#

68 4.3 4.2 6.4

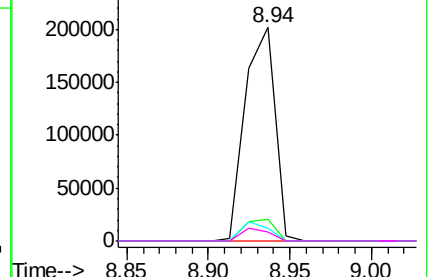
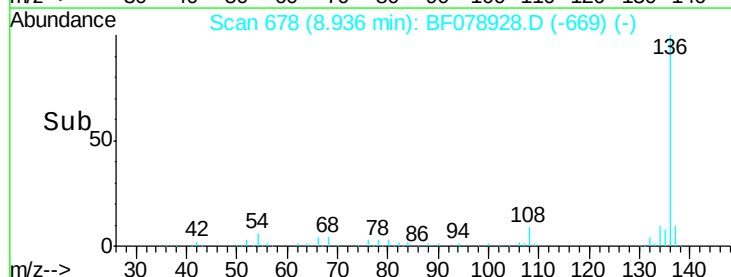


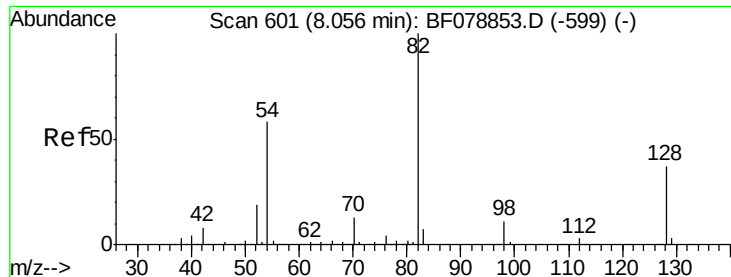
Abundance Ion 136.00 (135.70 to 136.70): E

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

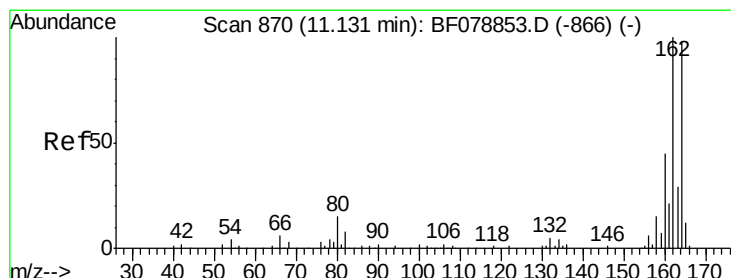
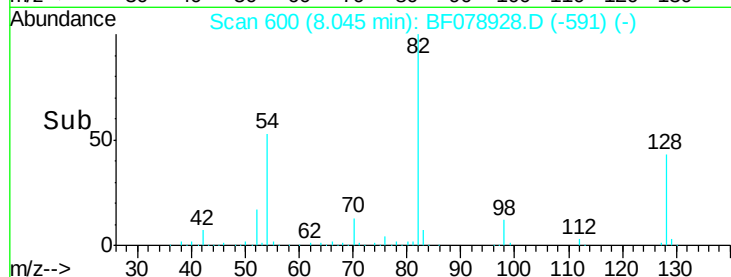
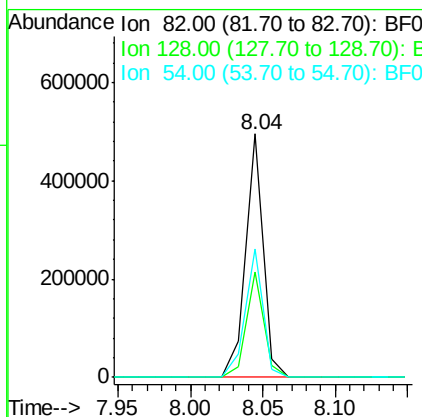
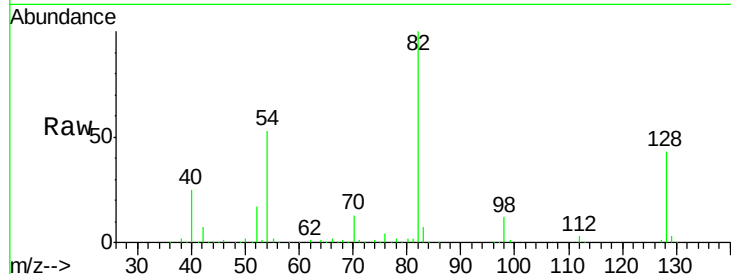




#23
 Nitrobenzene-d5
 Concen: 94.14 ng
 RT: 8.04 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF078928.D
 Acq: 4 May 2015 19:48

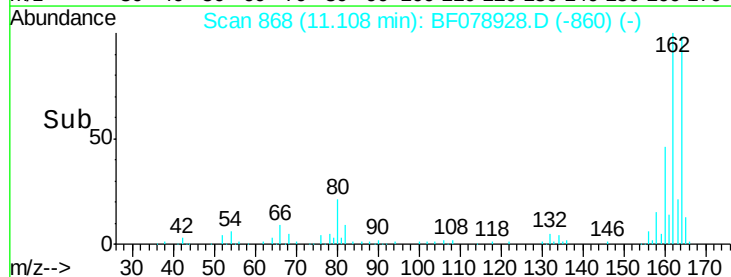
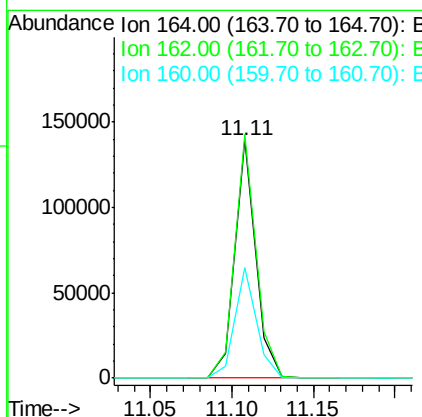
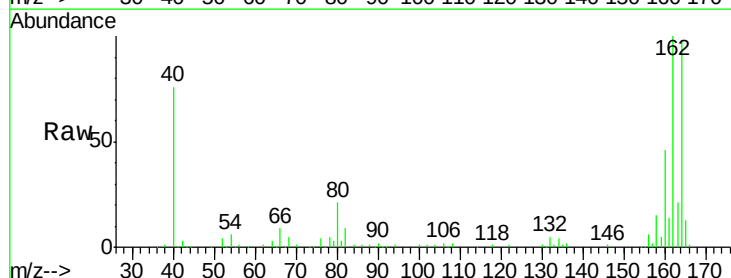
Instrument :
 BNA_F
 ClientSampleId :
 TEC-04

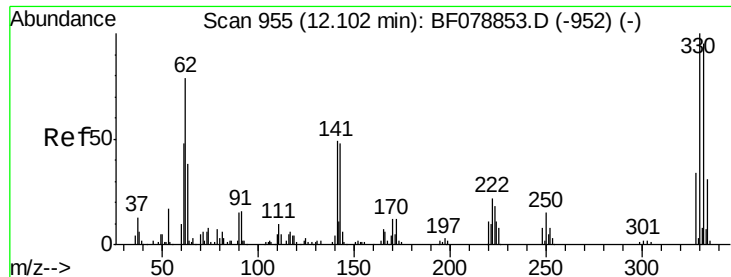
Tot Ion	82	Resp	419867
Ion Ratio	Lower	Upper	
82	100		
128	43.2	30.0	45.0
54	52.7	46.4	69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BF078928.D
 Acq: 4 May 2015 19:48

Tgt Ion	164	Resp	122813
Ion Ratio	Lower	Upper	
164	100		
162	102.2	82.7	124.1
160	46.5	35.8	53.8





#41

2,4,6-Tribromophenol

Concen: 151.23 ng

RT: 12.09 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF078928.D

Acq: 4 May 2015 19:48

Instrument :

BNA_F

ClientSampleId :

TEC-04

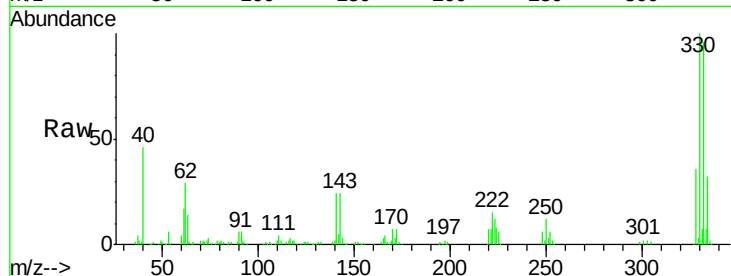
Tot Ion:330 Resp: 200919

Ion Ratio Lower Upper

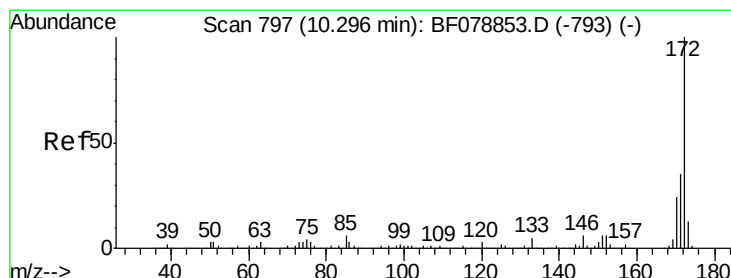
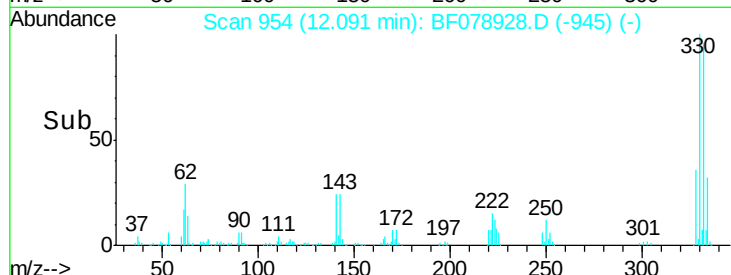
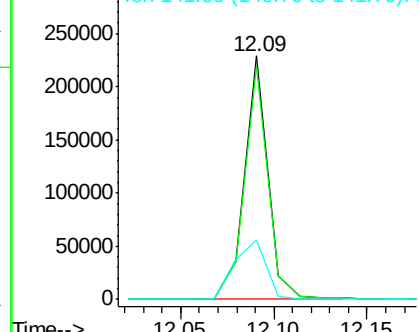
330 100

332 96.2 0.0 0.0#

141 33.7 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: 94.55 ng

RT: 10.27 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF078928.D

Acq: 4 May 2015 19:48

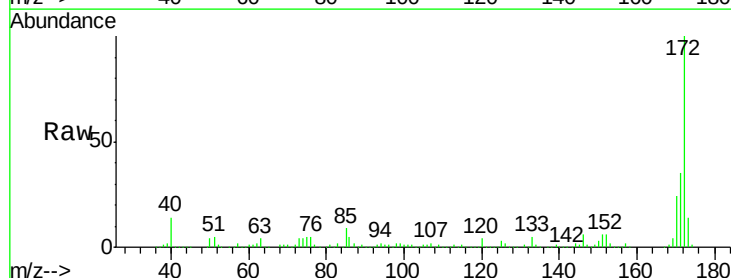
Tgt Ion:172 Resp: 833463

Ion Ratio Lower Upper

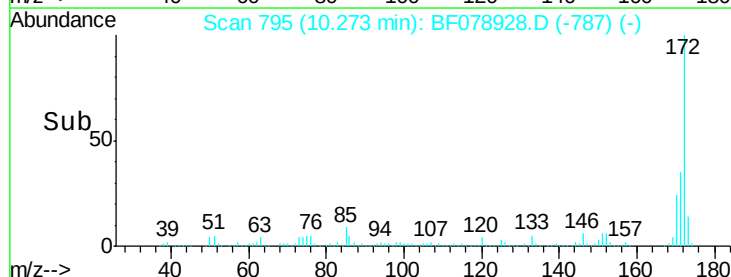
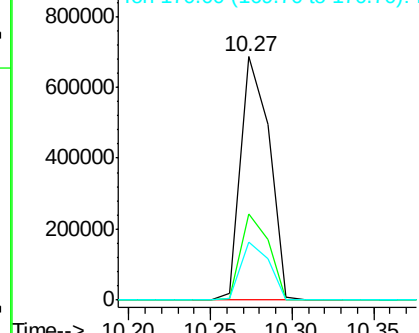
172 100

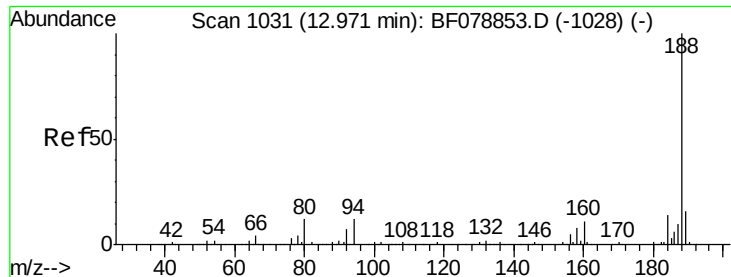
171 35.2 27.9 41.9

170 23.7 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

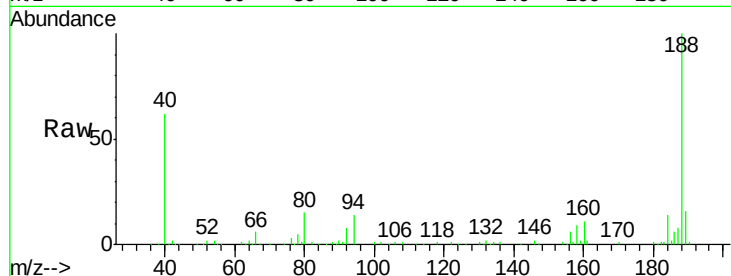




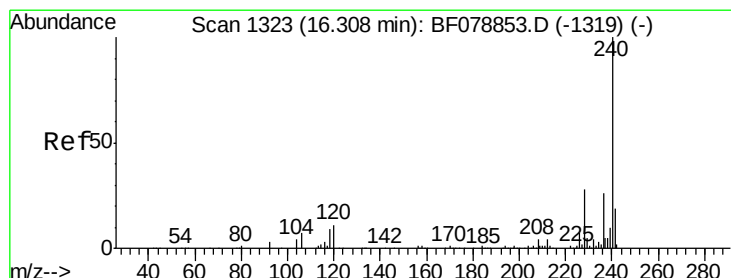
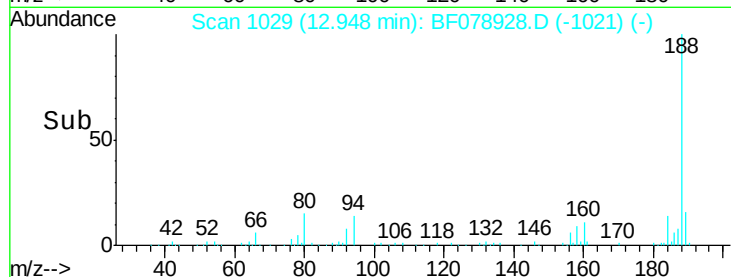
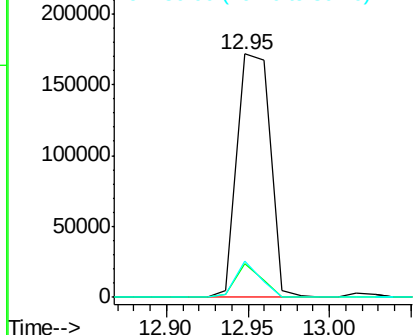
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF078928.D
Acq: 4 May 2015 19:48

Instrument :
BNA_F
ClientSampled :
TEC-04

Tot Ion:188 Resp: 240357
Ion Ratio Lower Upper
188 100
94 13.7 8.2 12.2#
80 15.0 8.9 13.3#

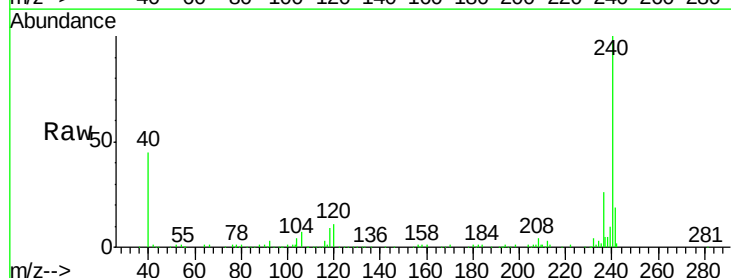


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

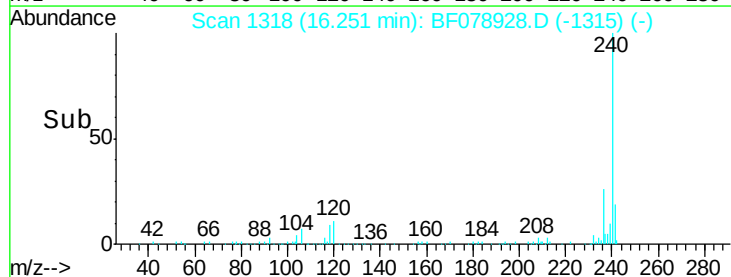
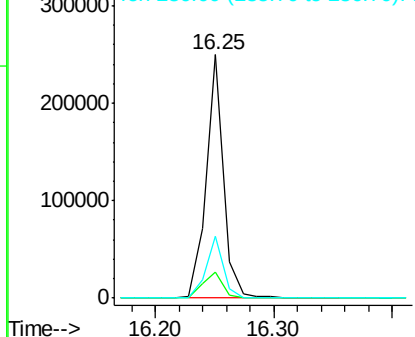


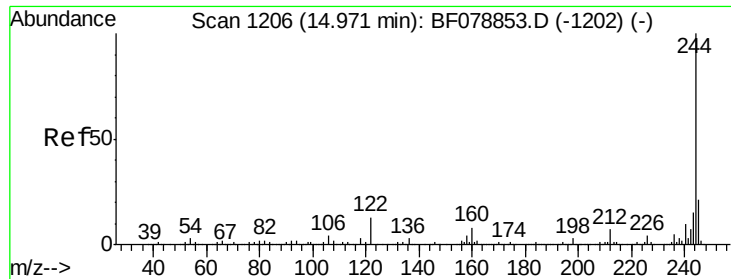
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.25 min Scan# 1318
Delta R.T. -0.07 min
Lab File: BF078928.D
Acq: 4 May 2015 19:48

Tgt Ion:240 Resp: 252707
Ion Ratio Lower Upper
240 100
120 10.9 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

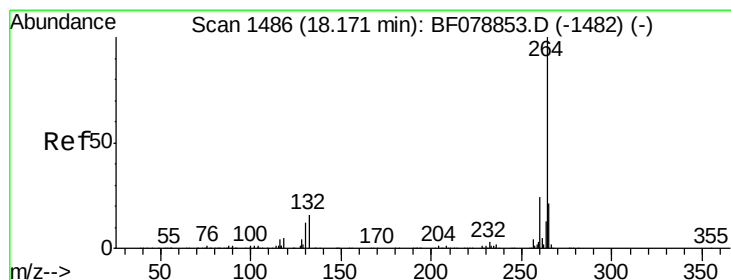
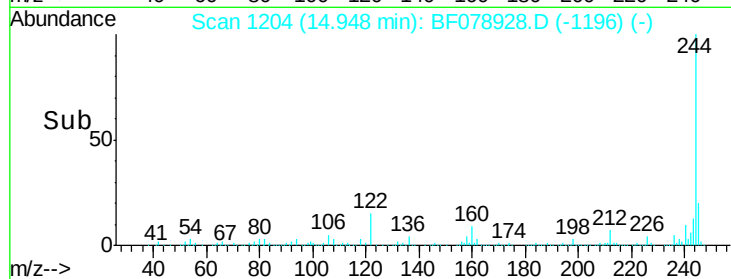
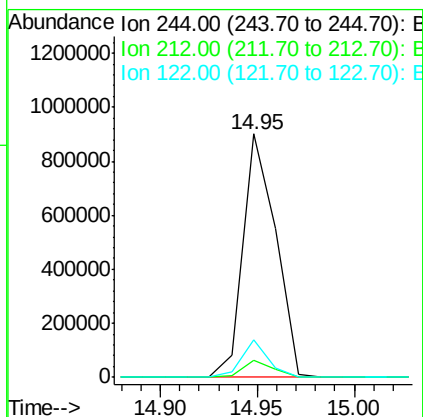
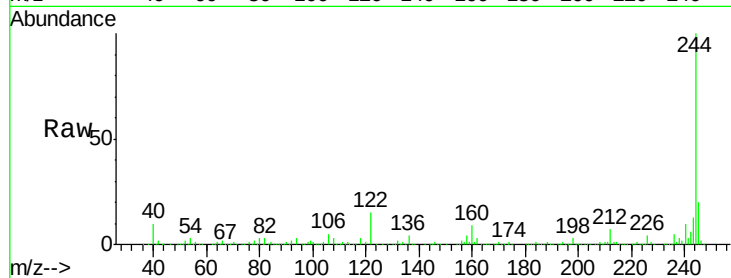




#78
 Terphenyl-d14
 Concen: 100.50 ng/mL
 RT: 14.95 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF078928.D
 Acq: 4 May 2015 19:48

Instrument :
 BNA_F
 ClientSampleID :
 TEC-04

Tot Ion:244 Resp: 1060815
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 15.4 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.01 min Scan# 1472
 Delta R.T. -0.23 min
 Lab File: BF078928.D
 Acq: 4 May 2015 19:48

Tgt Ion:264 Resp: 241950
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.2
 265 21.9 18.3 27.5

