

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050415\
 Data File : BF078927.D
 Acq On : 4 May 2015 19:19
 Operator : TP/IZ
 Sample : G2002-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-11

Quant Time: May 05 02:21:40 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	77141	20.00	ng	0.00
21) Naphthalene-d8	8.94	136	311502	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	155747	20.00	ng	-0.01
63) Phenanthrene-d10	12.96	188	297121	20.00	ng	0.00
75) Chrysene-d12	16.25	240	300816m	20.00	ng	-0.07
86) Perylene-d12	18.00	264	286904	20.00	ng	-0.24
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	604384	134.87	ng	0.01
7) Phenol-d6	6.90	99	682401	115.20	ng	0.00
23) Nitrobenzene-d5	8.04	82	495904	91.49	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	256109	152.00	ng	0.00
44) 2-Fluorobiphenyl	10.28	172	1036767	92.74	ng	0.00
78) Terphenyl-d14	14.96	244	1332196	106.03	ng	0.00

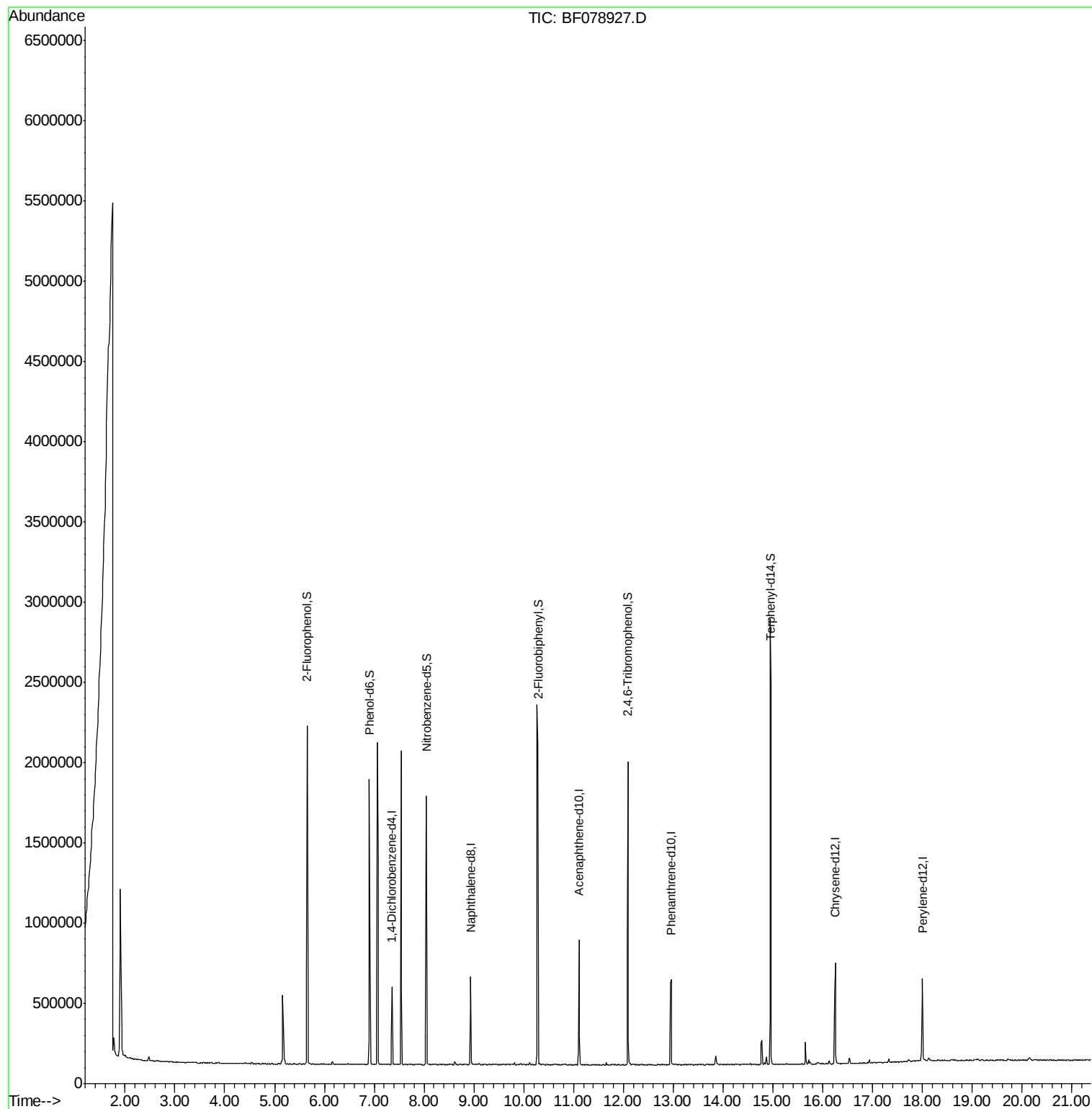
Target Compounds Qvalue

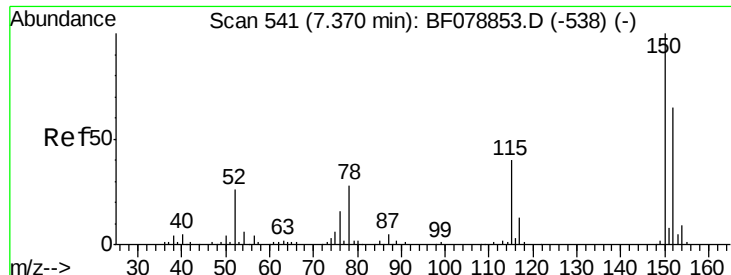
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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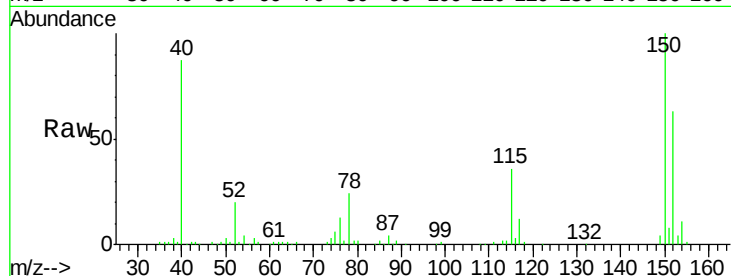


#1

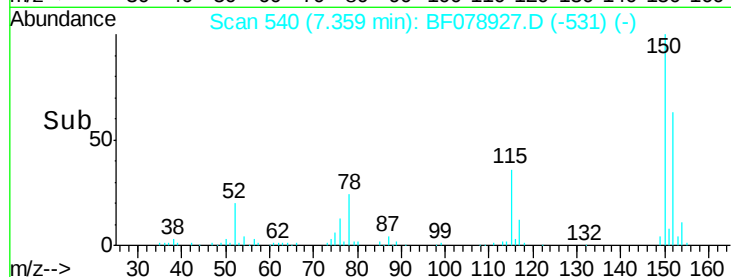
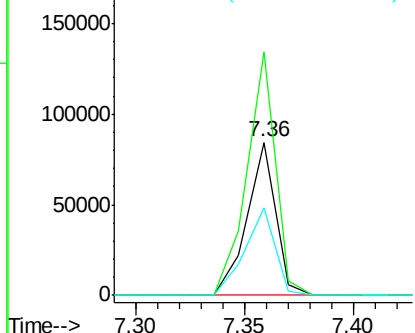
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.36 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF078927.D
Acq: 4 May 2015 19:19

Instrument :
BNA_F
ClientSampleId :
TEC-11

Tot Ion:152 Resp: 77141
Ion Ratio Lower Upper
152 100
150 158.8 122.0 183.0
115 57.3 46.3 69.5



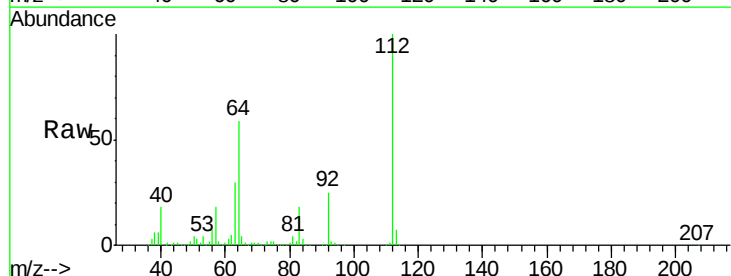
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



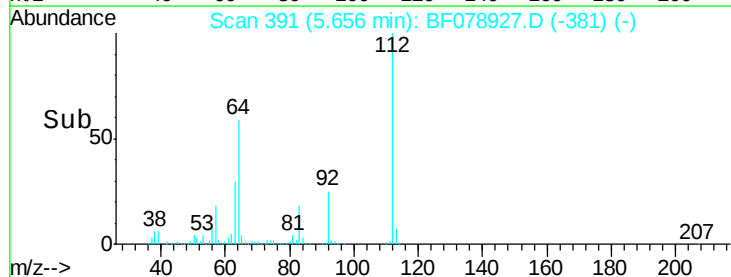
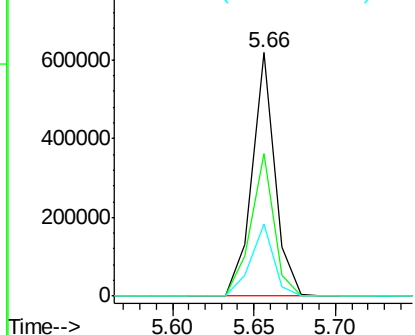
#5

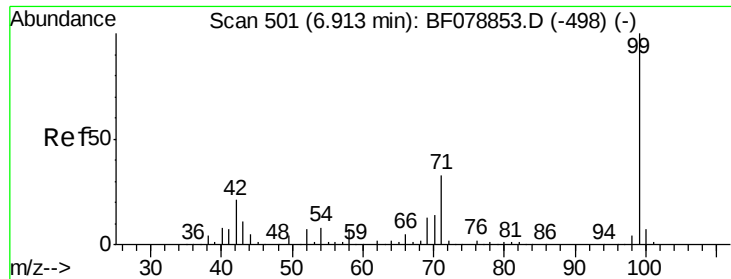
2-Fluorophenol
Concen: 134.87 ng
RT: 5.66 min Scan# 391
Delta R.T. 0.01 min
Lab File: BF078927.D
Acq: 4 May 2015 19:19

Tgt Ion:112 Resp: 604384
Ion Ratio Lower Upper
112 100
64 58.7 53.5 80.3
63 29.5 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: 115.20 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078927.D

Acq: 4 May 2015 19:19

Instrument :

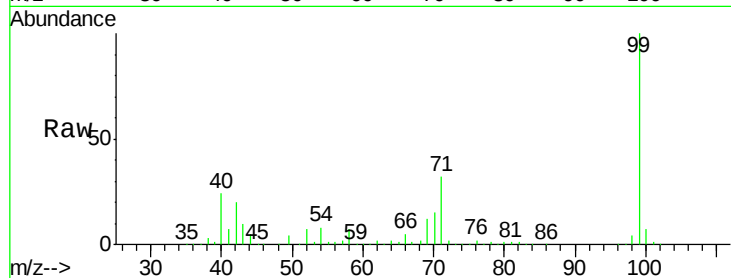
BNA_F

ClientSampleId :

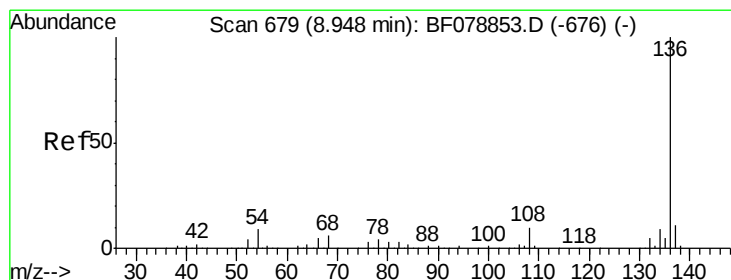
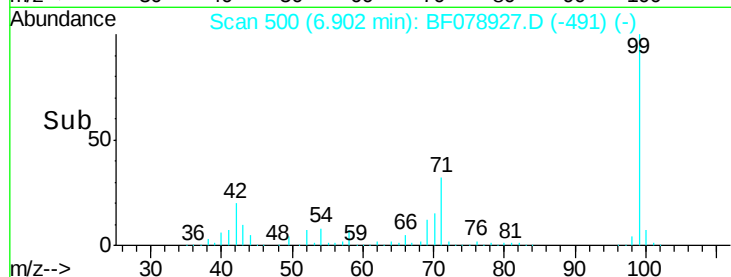
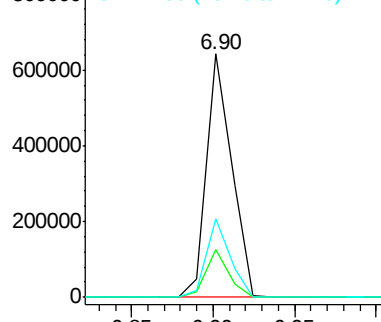
TEC-11

Tot Ion: 99 Resp: 682401

Ion	Ratio	Lower	Upper
99	100		
42	19.6	12.8	19.2#
71	32.3	23.4	35.2



Abundance Ion 99.00 (98.70 to 99.70): BF078853.D (-498) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.94 min Scan# 678

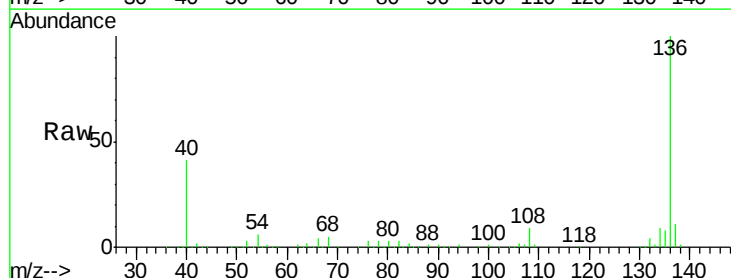
Delta R.T. -0.00 min

Lab File: BF078927.D

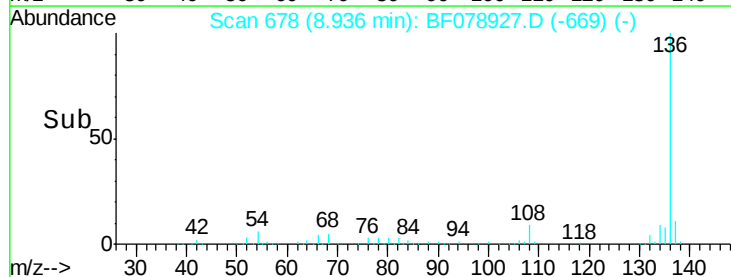
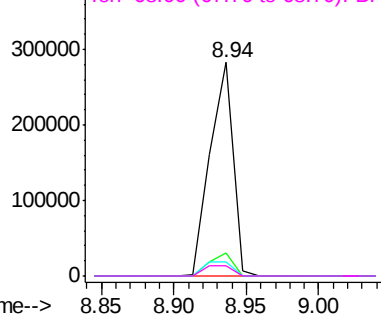
Acq: 4 May 2015 19:19

Tgt Ion: 136 Resp: 311502

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.5	5.8	8.8
68	4.8	4.2	6.4



Abundance Ion 136.00 (135.70 to 136.70): BF078853.D (-676) (-)





#23

Nitrobenzene-d5

Concen: 91.49 ng

RT: 8.04 min Scan# 600

Delta R.T. -0.00 min

Lab File: BF078927.D

Acq: 4 May 2015 19:19

Instrument :

BNA_F

ClientSampleId :

TEC-11

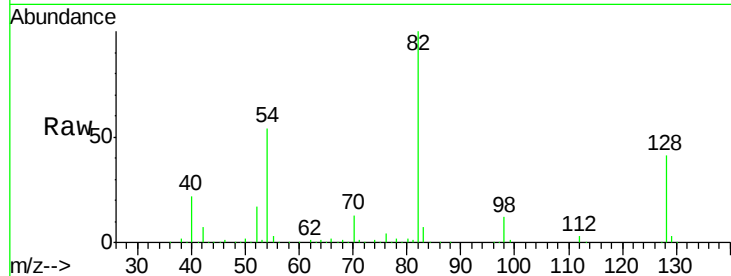
Tot Ion: 82 Resp: 495904

Ion Ratio Lower Upper

82 100

128 40.7 30.0 45.0

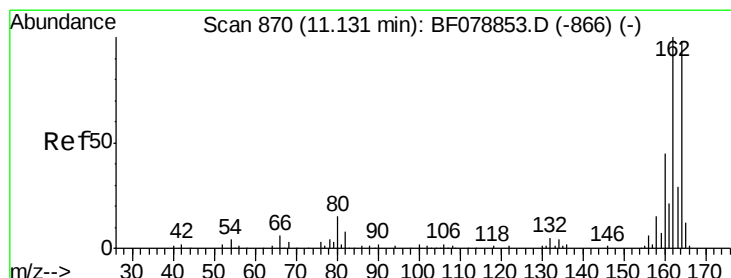
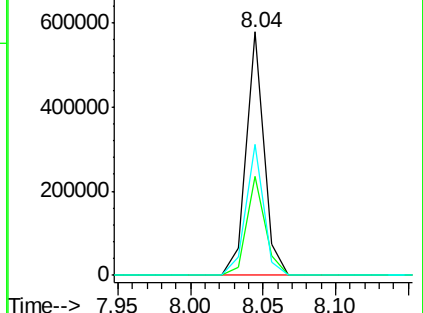
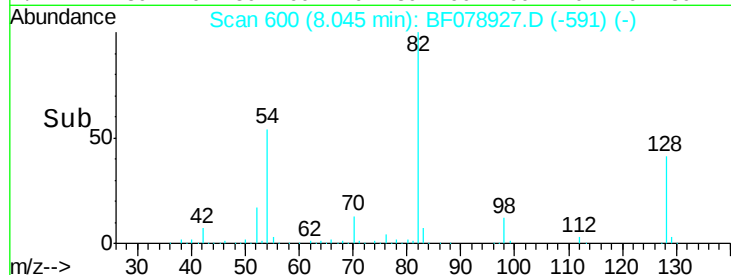
54 53.9 46.4 69.6



Abundance Ion 82.00 (81.70 to 82.70): BF078853.D (-599) (-)

Ion 128.00 (127.70 to 128.70): BF078853.D (-599) (-)

Ion 54.00 (53.70 to 54.70): BF078853.D (-599) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.11 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF078927.D

Acq: 4 May 2015 19:19

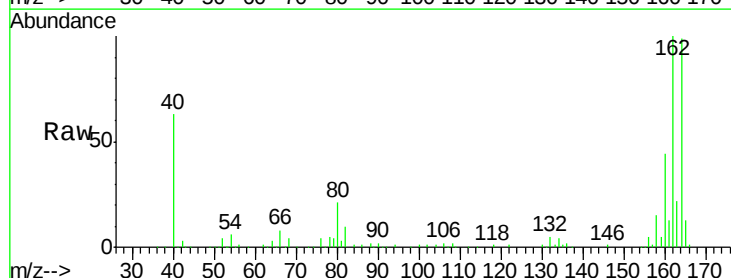
Tgt Ion:164 Resp: 155747

Ion Ratio Lower Upper

164 100

162 101.3 82.7 124.1

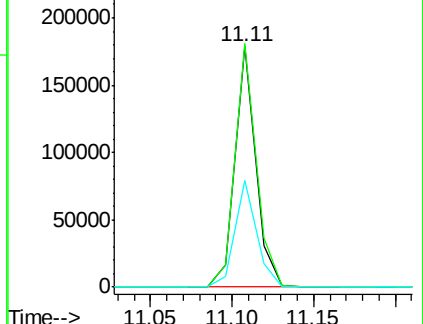
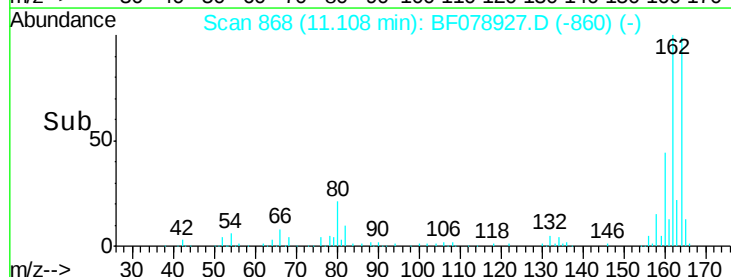
160 44.3 35.8 53.8

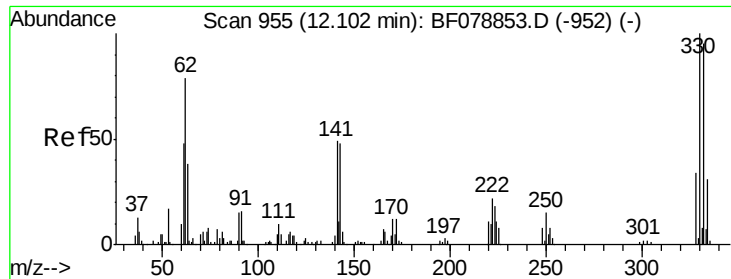


Abundance Ion 164.00 (163.70 to 164.70): BF078853.D (-866) (-)

Ion 162.00 (161.70 to 162.70): BF078853.D (-866) (-)

Ion 160.00 (159.70 to 160.70): BF078853.D (-866) (-)

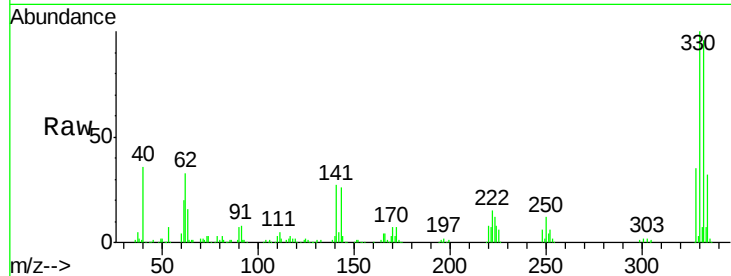




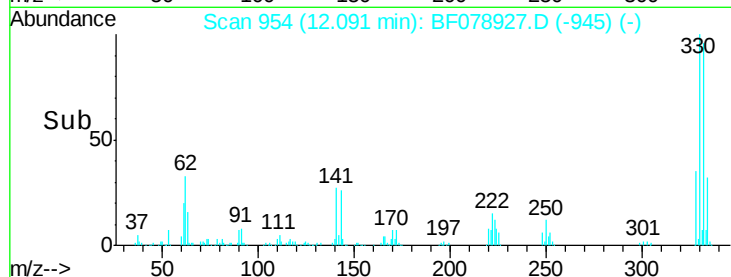
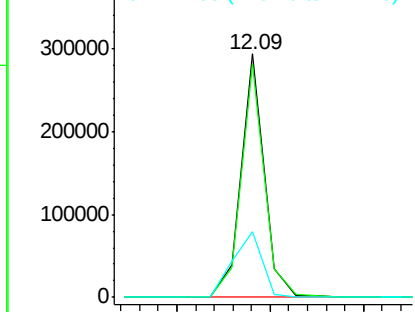
#41
 2,4,6-Tribromophenol
 Concen: 152.00 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF078927.D
 Acq: 4 May 2015 19:19

Instrument :
 BNA_F
 ClientSampleId :
 TEC-11

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	34.4	0.0	0.0#

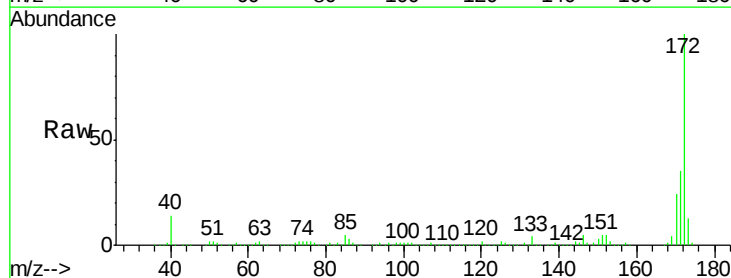


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

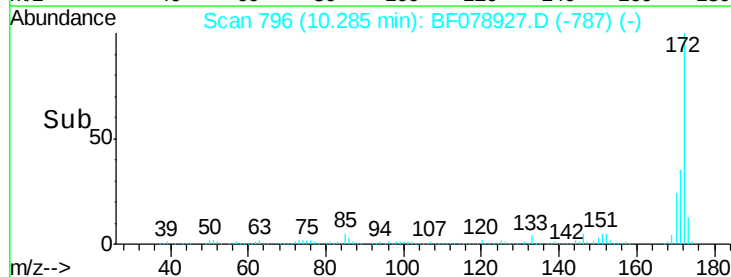
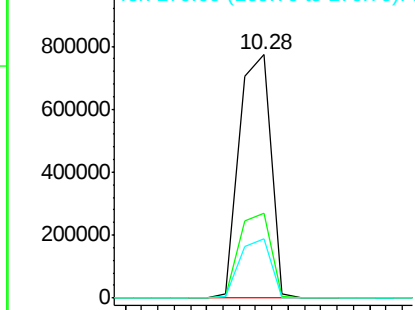


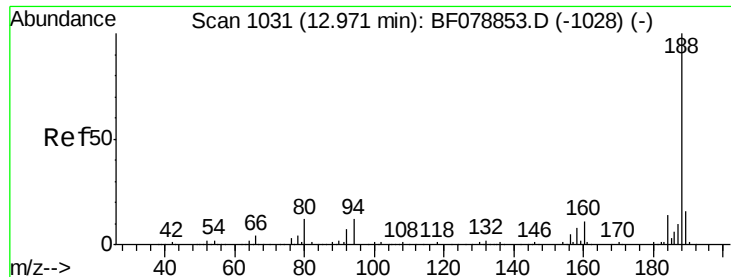
#44
 2-Fluorobiphenyl
 Concen: 92.74 ng
 RT: 10.28 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF078927.D
 Acq: 4 May 2015 19:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	24.1	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

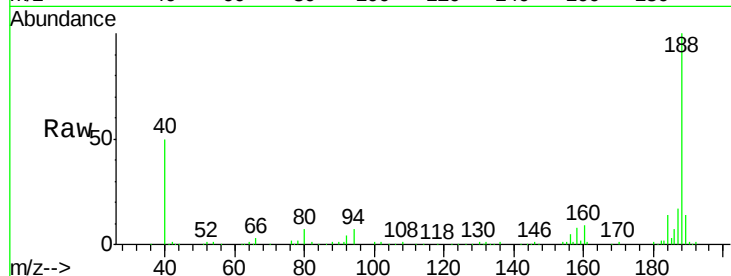




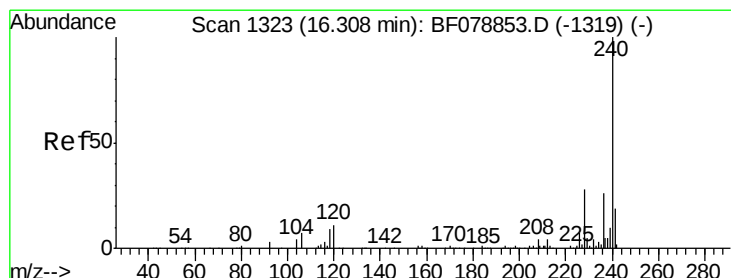
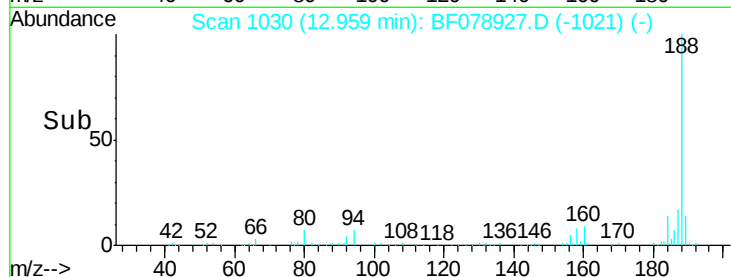
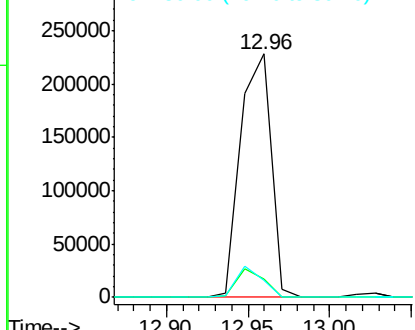
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.96 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF078927.D
Acq: 4 May 2015 19:19

Instrument :
BNA_F
ClientSampleId :
TEC-11

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.3	8.2	12.2#
80	7.2	8.9	13.3#

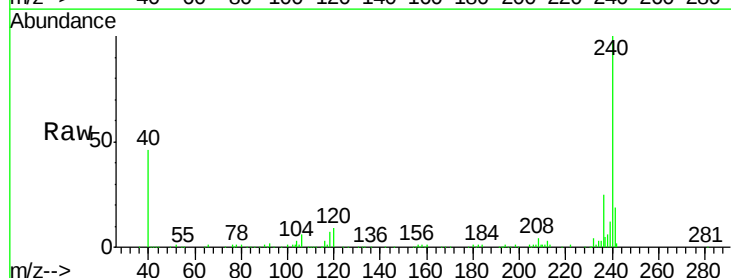


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

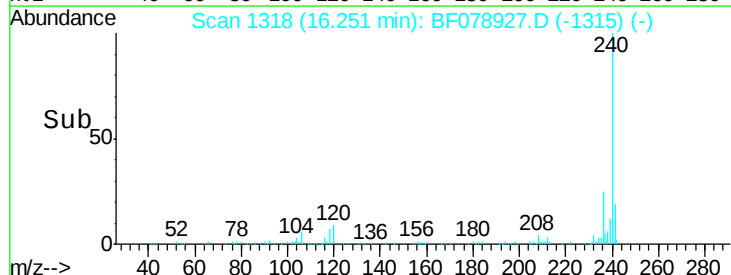
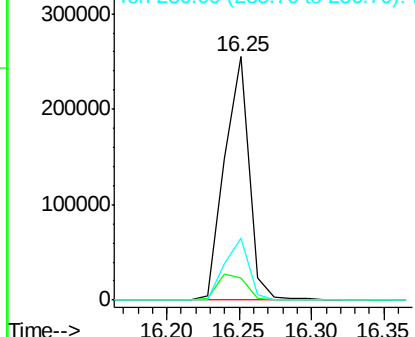


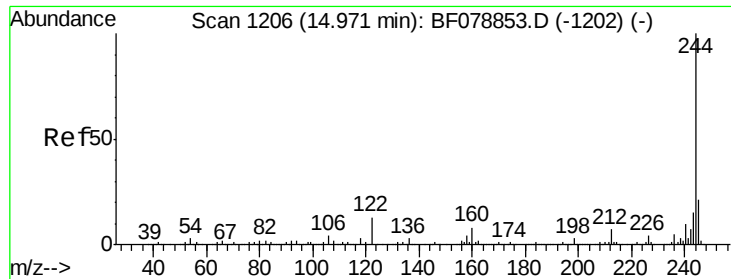
#75
Chrysene-d12
Concen: 20.00 ng m
RT: 16.25 min Scan# 1318
Delta R.T. -0.07 min
Lab File: BF078927.D
Acq: 4 May 2015 19:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.7	14.5#
236	25.3	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

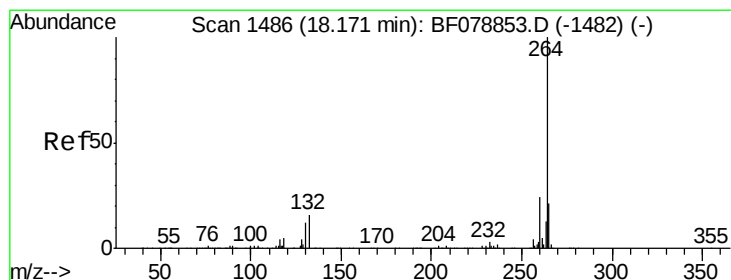
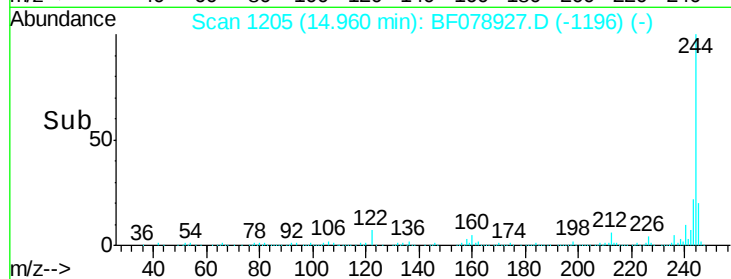
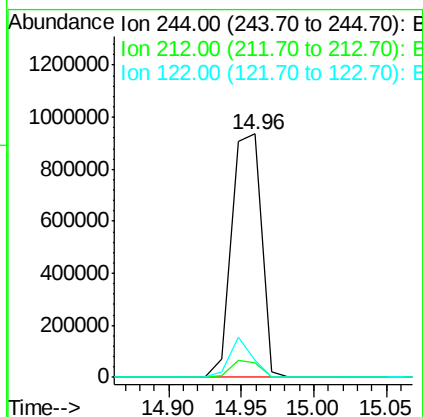
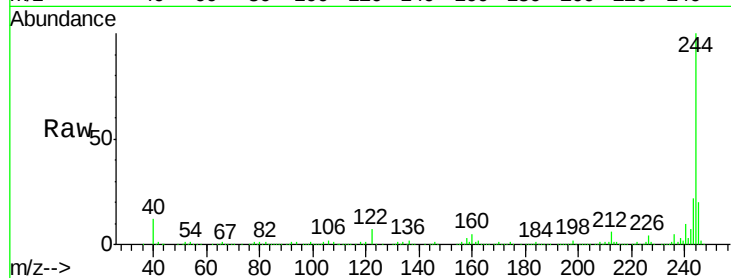




#78
 Terphenyl-d14
 Concen: 106.03 ng
 RT: 14.96 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF078927.D
 Acq: 4 May 2015 19:19

Instrument :
 BNA_F
 ClientSampleId :
 TEC-11

Tot Ion:244 Resp: 1332196
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.6 8.4
 122 7.1 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.00 min Scan# 1471
 Delta R.T. -0.24 min
 Lab File: BF078927.D
 Acq: 4 May 2015 19:19

Tgt Ion:264 Resp: 286904
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.4 29.2
 265 21.1 18.3 27.5

