

Data Path : Z:\HPCHEM1\BNA_F\Data\BF041415\
 Data File : BF078539.D
 Acq On : 15 Apr 2015 12:31
 Operator : TP/IZ
 Sample : PB82771TB
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82771TB

Quant Time: Apr 15 12:22:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:39:18 2015
 Response via : Initial Calibration

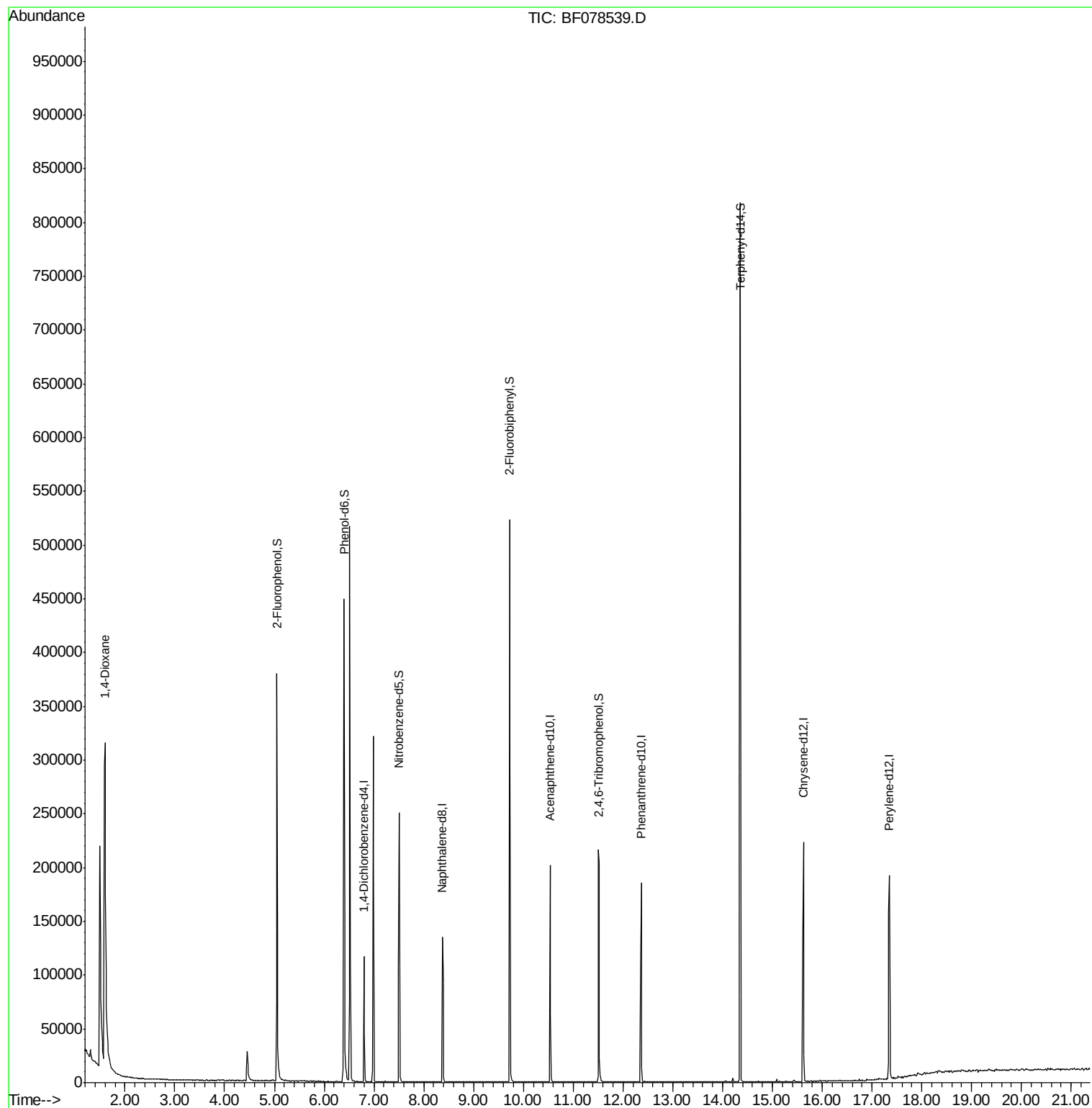
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	20567	20.00	ng	-0.01
21) Naphthalene-d8	8.38	136	85315	20.00	ng	-0.01
38) Acenaphthene-d10	10.54	164	45153	20.00	ng	-0.01
63) Phenanthrene-d10	12.37	188	92690	20.00	ng	0.00
75) Chrysene-d12	15.62	240	109146	20.00	ng	-0.01
86) Perylene-d12	17.35	264	107305	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	135561	108.67	ng	0.00
7) Phenol-d6	6.40	99	175462	112.24	ng	-0.01
23) Nitrobenzene-d5	7.51	82	94719	67.29	ng	-0.01
41) 2,4,6-Tribromophenol	11.52	330	40136	107.18	ng	0.00
44) 2-Fluorobiphenyl	9.72	172	216451	68.52	ng	-0.01
78) Terphenyl-d14	14.35	244	297917	61.68	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.60	88	15317	27.15	ng	Qvalue # 23

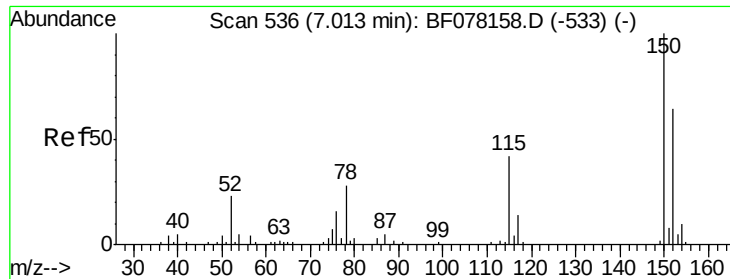
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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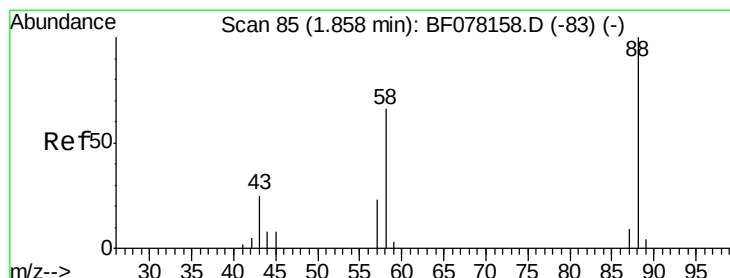
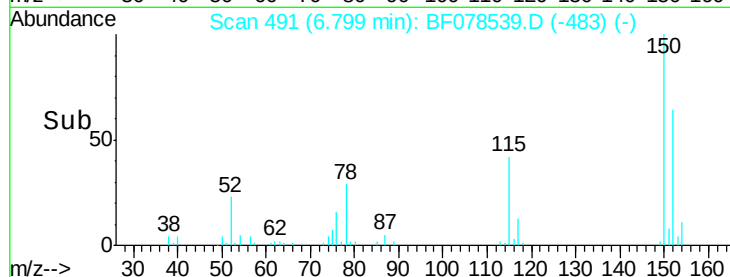
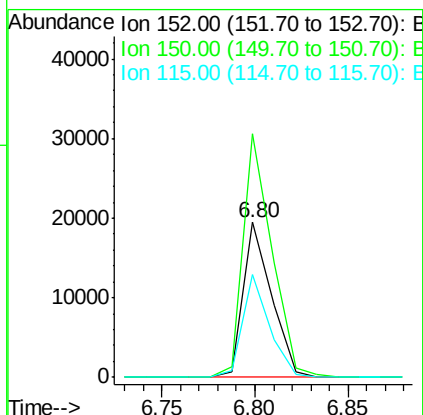
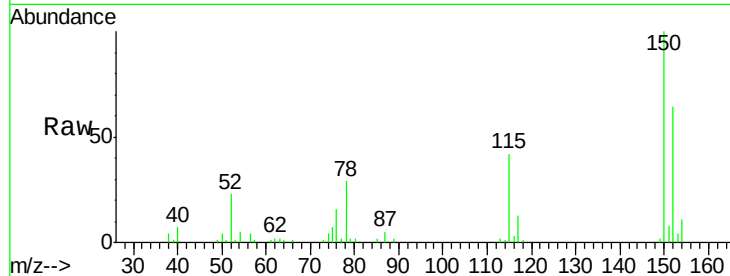


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF078539.D
Acq: 15 Apr 2015 12:31

Instrument :
BNA_F
ClientSampleId :
PB82771TB

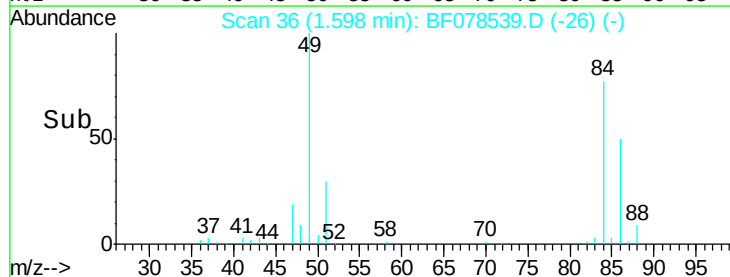
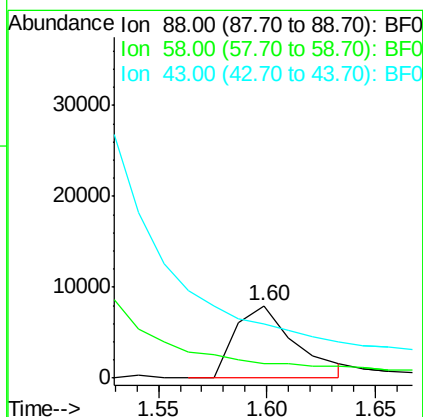
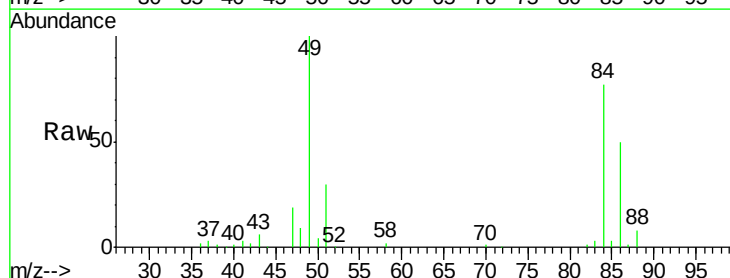
Tgt Ion:152 Resp: 20567
Ion Ratio Lower Upper
152 100
150 157.0 125.9 188.9
115 66.0 52.7 79.1

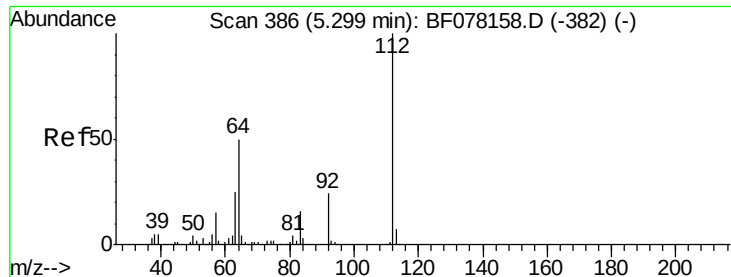


#2

1,4-Dioxane
Concen: 27.15 ng
RT: 1.60 min Scan# 36
Delta R.T. 0.01 min
Lab File: BF078539.D
Acq: 15 Apr 2015 12:31

Tgt Ion: 88 Resp: 15317
Ion Ratio Lower Upper
88 100
58 0.0 56.9 85.3#
43 0.0 21.4 32.2#





#5

2-Fluorophenol

Concen: 108.67 ng

RT: 5.05 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF078539.D

Acq: 15 Apr 2015 12:31

Instrument :

BNA_F

ClientSampleId :

PB82771TB

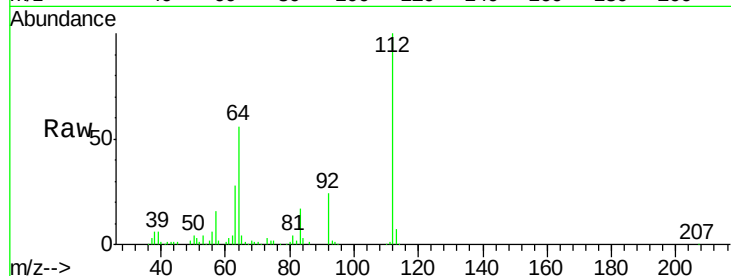
Tgt Ion: 112 Resp: 135561

Ion Ratio Lower Upper

112 100

64 56.1 39.9 59.9

63 28.1 20.2 30.4



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

150000

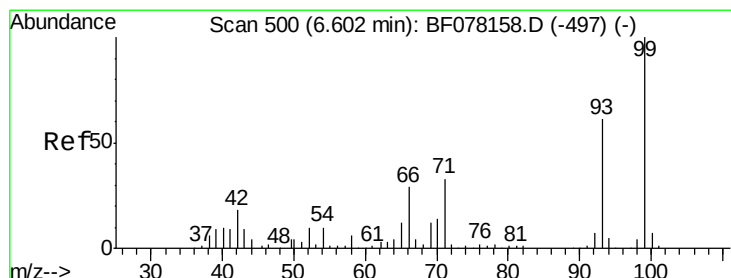
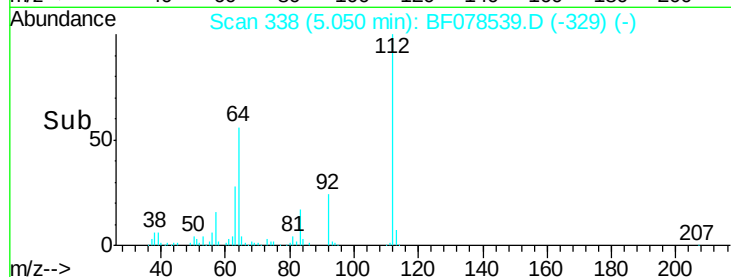
100000

50000

0

5.00 5.05 5.10

Time-->



#7

Phenol-d6

Concen: 112.24 ng

RT: 6.40 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF078539.D

Acq: 15 Apr 2015 12:31

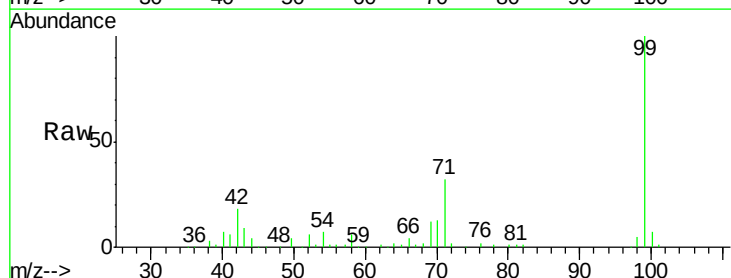
Tgt Ion: 99 Resp: 175462

Ion Ratio Lower Upper

99 100

42 17.7 14.8 22.2

71 32.2 26.6 39.8



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

200000

150000

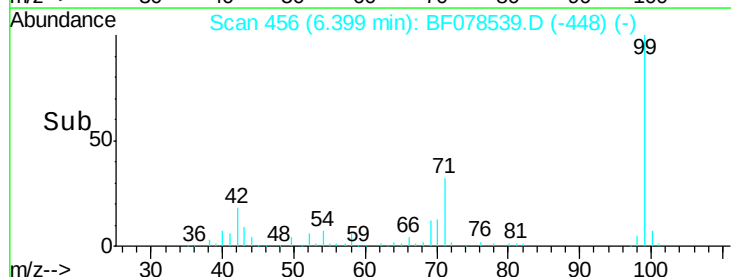
100000

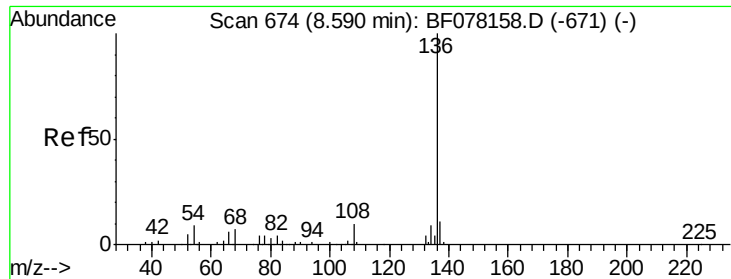
50000

0

6.35 6.40 6.45

Time-->

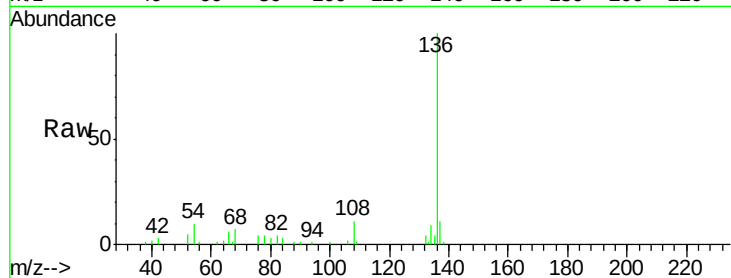




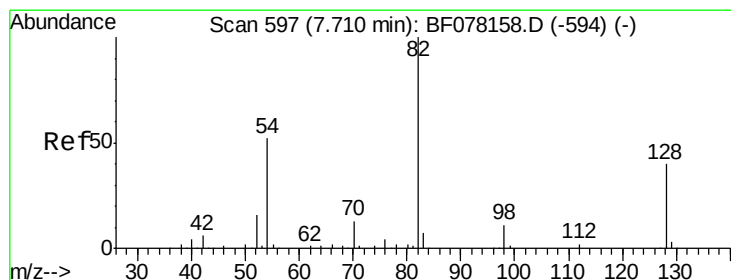
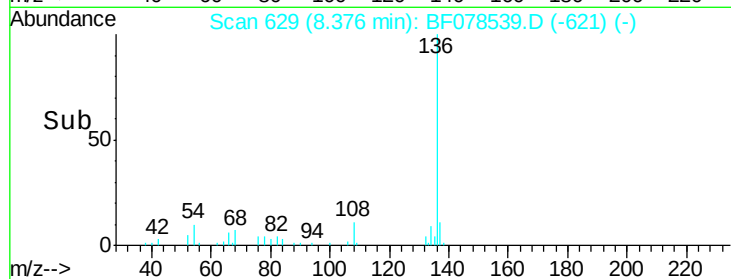
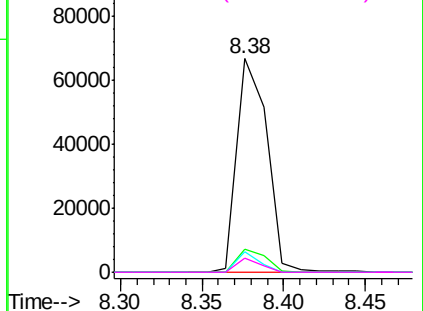
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.38 min Scan# 629
Delta R.T. -0.01 min
Lab File: BF078539.D
Acq: 15 Apr 2015 12:31

Instrument :
BNA_F
ClientSampleId :
PB82771TB

Tgt Ion:	136	Resp:	85315
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.0	13.4
54	9.6	7.0	10.6
68	6.9	5.4	8.2

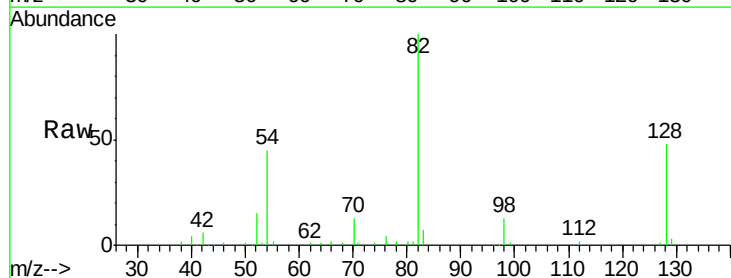


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

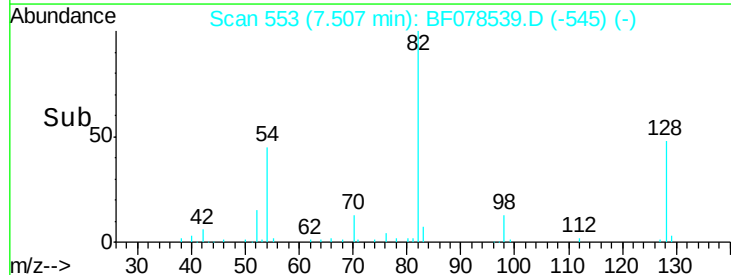
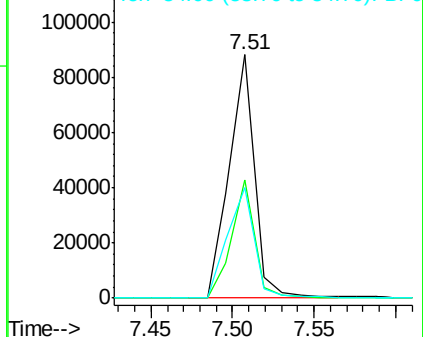


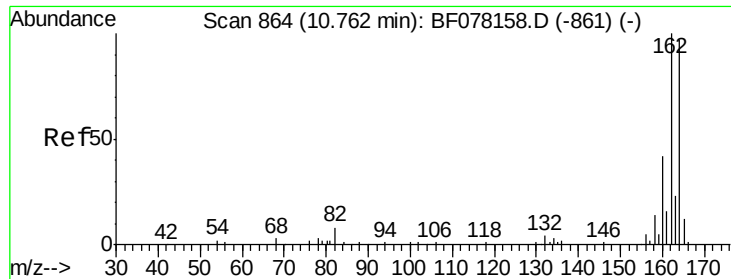
#23
Nitrobenzene-d5
Concen: 67.29 ng
RT: 7.51 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF078539.D
Acq: 15 Apr 2015 12:31

Tgt Ion:	82	Resp:	94719
Ion Ratio	Lower	Upper	
82	100		
128	48.4	31.8	47.8#
54	45.2	41.5	62.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.54 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF078539.D

Acq: 15 Apr 2015 12:31

Instrument :

BNA_F

ClientSampleId :

PB82771TB

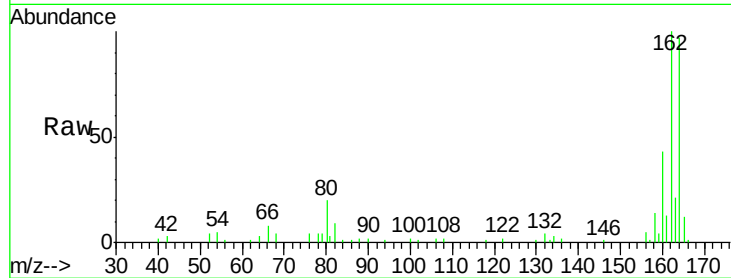
Tgt Ion:164 Resp: 45153

Ion Ratio Lower Upper

164 100

162 102.9 82.2 123.2

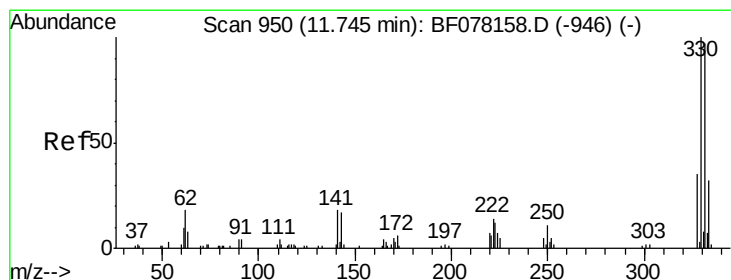
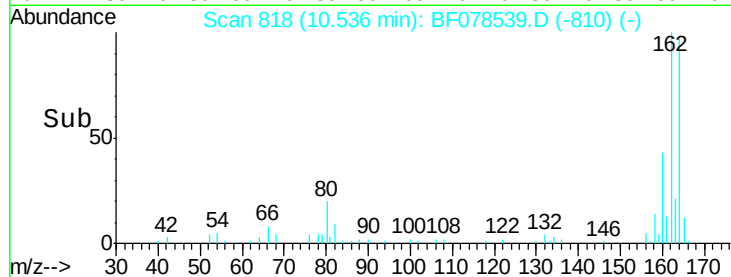
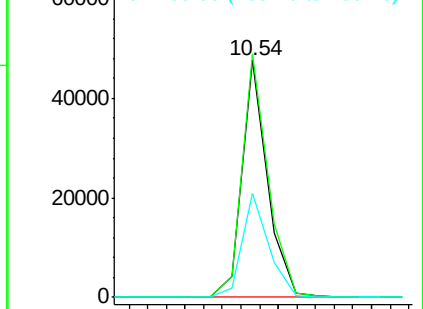
160 43.8 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 107.18 ng

RT: 11.52 min Scan# 904

Delta R.T. 0.00 min

Lab File: BF078539.D

Acq: 15 Apr 2015 12:31

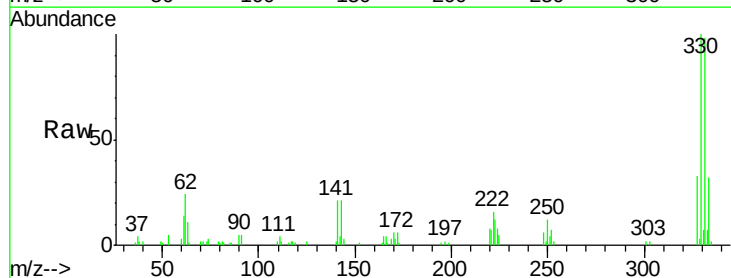
Tgt Ion:330 Resp: 40136

Ion Ratio Lower Upper

330 100

332 97.6 78.6 117.8

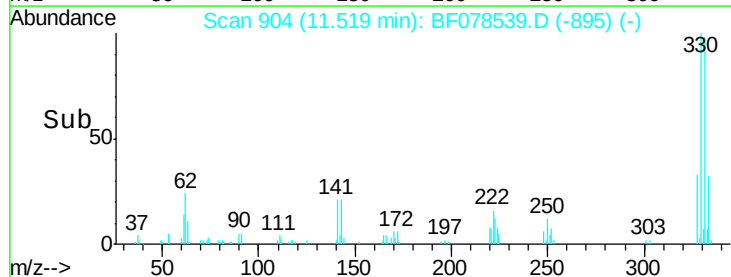
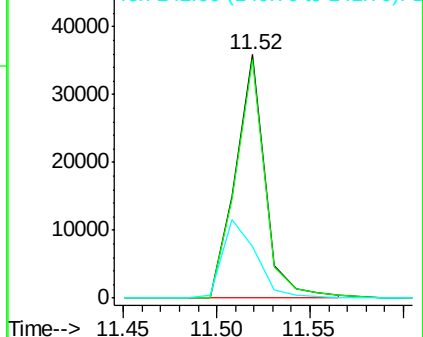
141 37.0 31.2 46.8

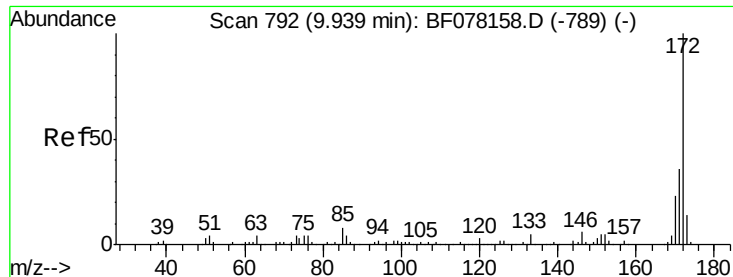


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

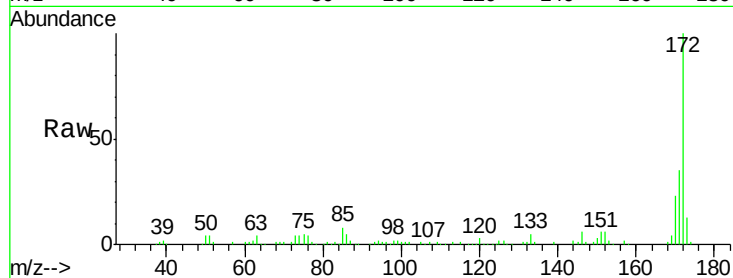




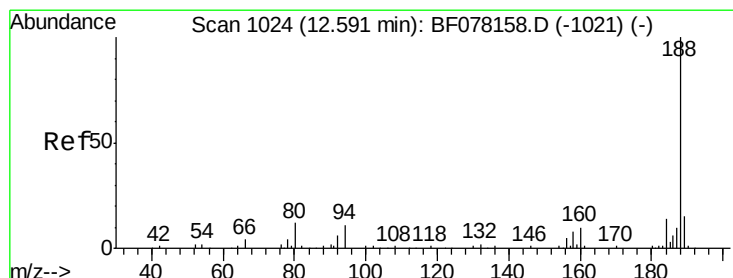
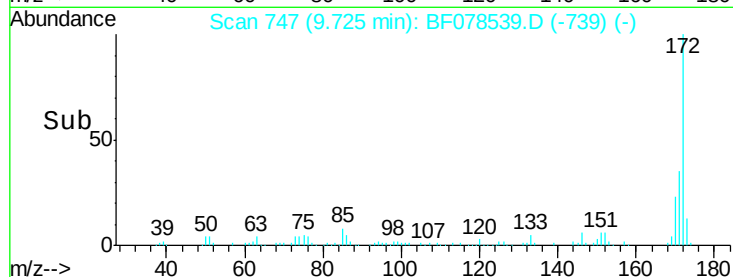
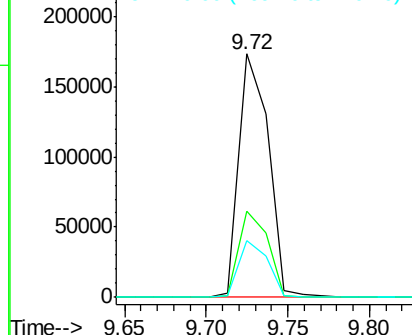
#44
 2-Fluorobiphenyl
 Concen: 68.52 ng
 RT: 9.72 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF078539.D
 Acq: 15 Apr 2015 12:31

Instrument :
 BNA_F
 ClientSampleId :
 PB82771TB

Tgt Ion:172 Resp: 216451
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 42.8
 170 23.3 18.5 27.7

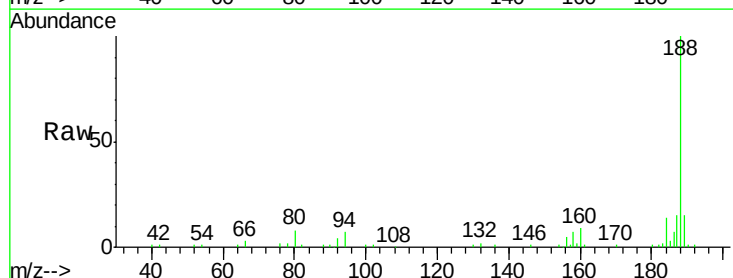


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

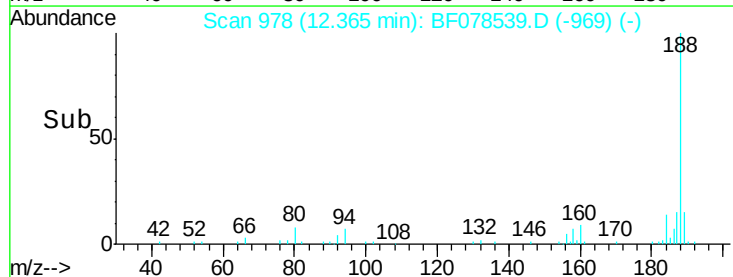
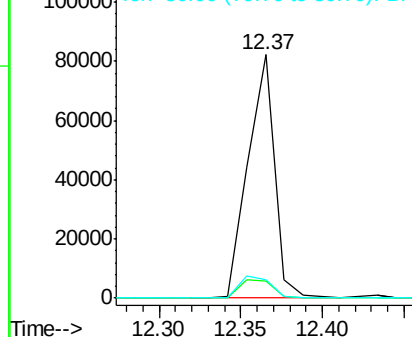


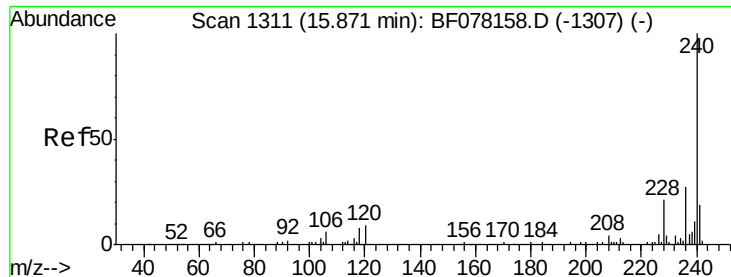
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.37 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF078539.D
 Acq: 15 Apr 2015 12:31

Tgt Ion:188 Resp: 92690
 Ion Ratio Lower Upper
 188 100
 94 7.2 9.0 13.4#
 80 7.7 9.5 14.3#



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

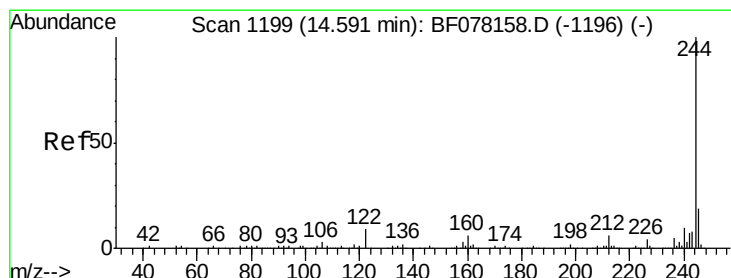
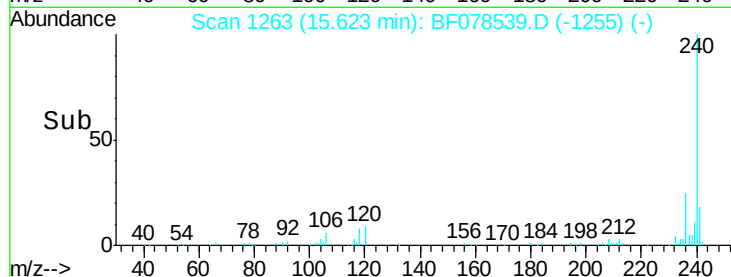
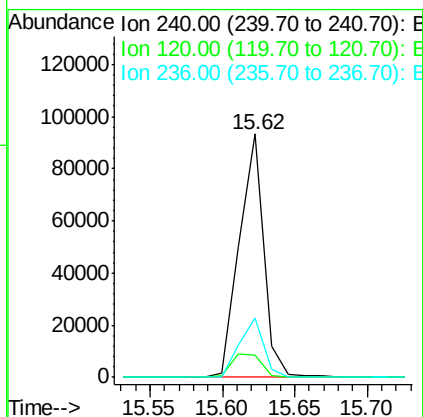
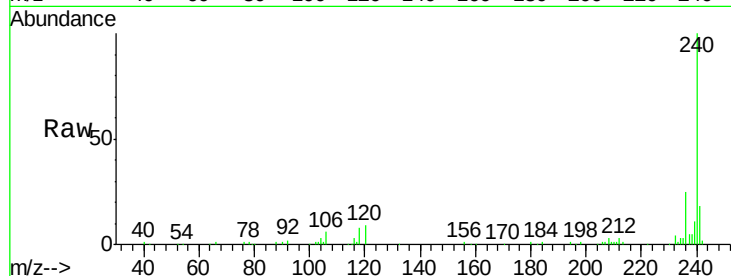




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF078539.D
Acq: 15 Apr 2015 12:31

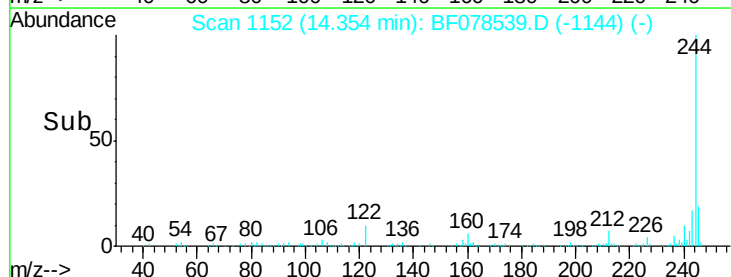
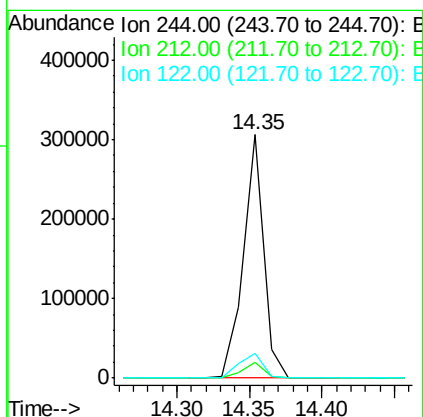
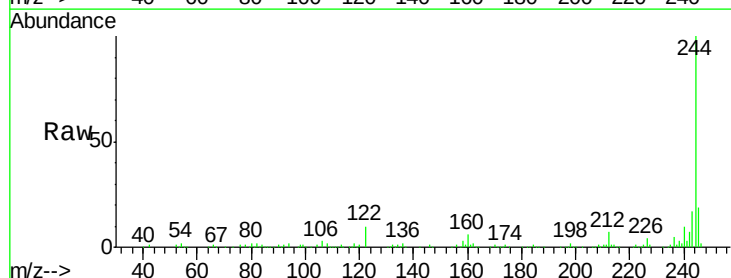
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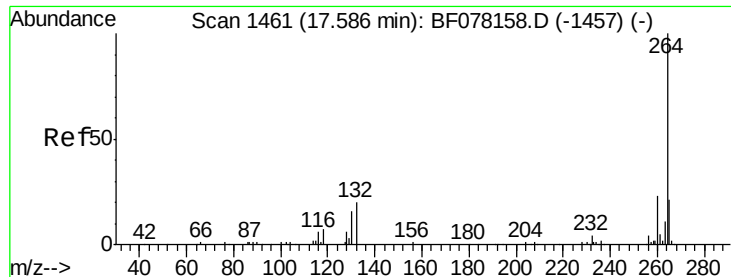
Tgt Ion: 240 Resp: 109146
Ion Ratio Lower Upper
240 100
120 9.1 7.1 10.7
236 24.6 21.4 32.2



#78
Terphenyl-d14
Concen: 61.68 ng
RT: 14.35 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF078539.D
Acq: 15 Apr 2015 12:31

Tgt Ion: 244 Resp: 297917
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 10.4 7.1 10.7





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.35 min Scan# 1414
Delta R.T. 0.02 min
Lab File: BF078539.D
Acq: 15 Apr 2015 12:31

Instrument :
BNA_F
ClientSampleId :
PB82771TB

Tgt Ion: 264 Resp: 107305
Ion Ratio Lower Upper
264 100
260 23.0 18.6 27.8
265 20.7 17.0 25.6

