

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
 Data File : BF078641.D
 Acq On : 18 Apr 2015 13:19
 Operator : TP/IZ
 Sample : G1878-02RE
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP1RE

Quant Time: Apr 20 01:00:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 18 05:04:14 2015
 Response via : Initial Calibration

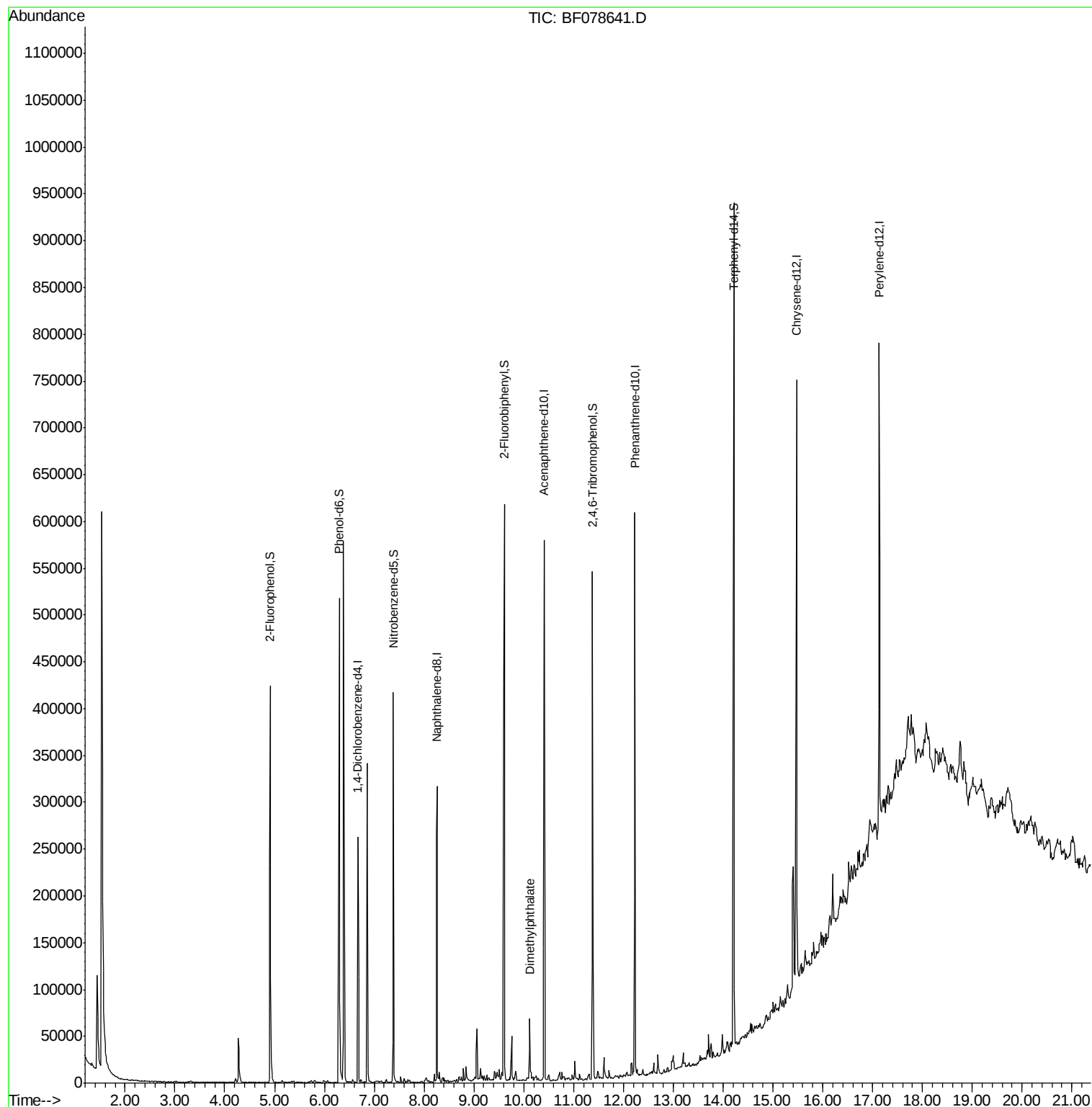
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	45800	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	206198	20.00	ng	0.01
38) Acenaphthene-d10	10.41	164	112172	20.00	ng	0.00
63) Phenanthrene-d10	12.23	188	235379	20.00	ng	0.01
75) Chrysene-d12	15.47	240	259749	20.00	ng	0.01
86) Perylene-d12	17.13	264	250201	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	169463	61.01	ng	0.01
7) Phenol-d6	6.30	99	223838	64.30	ng	0.01
23) Nitrobenzene-d5	7.38	82	134781	39.62	ng	0.00
41) 2,4,6-Tribromophenol	11.38	330	63967	68.76	ng	0.00
44) 2-Fluorobiphenyl	9.61	172	256112	32.64	ng	0.01
78) Terphenyl-d14	14.22	244	347499	30.23	ng	0.01
Target Compounds						
49) Dimethylphthalate	10.12	163	31116	3.69	ng	Qvalue # 96

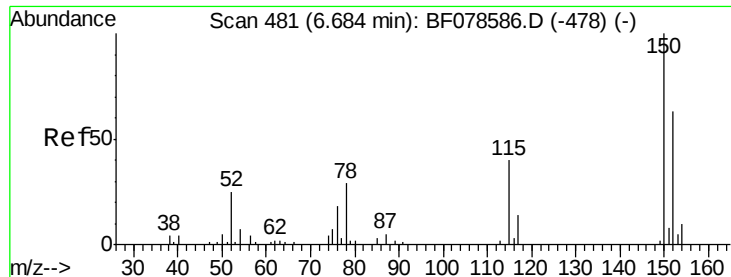
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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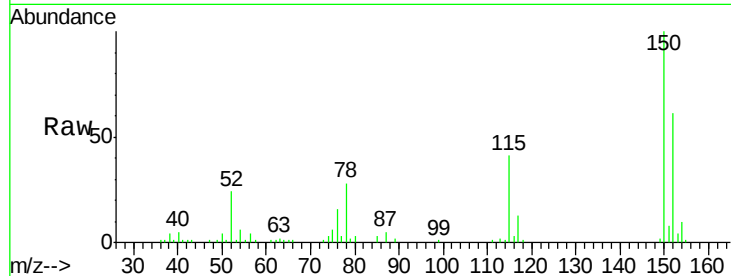


#1

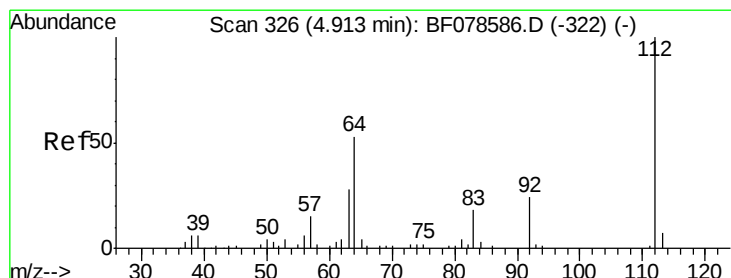
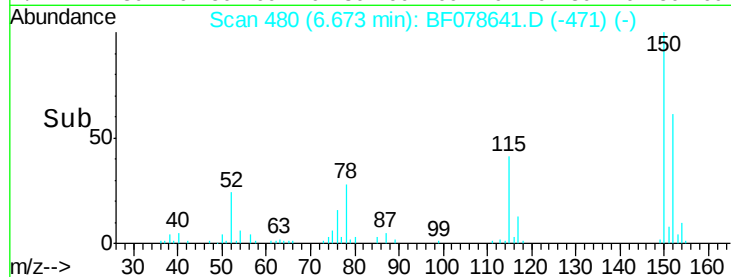
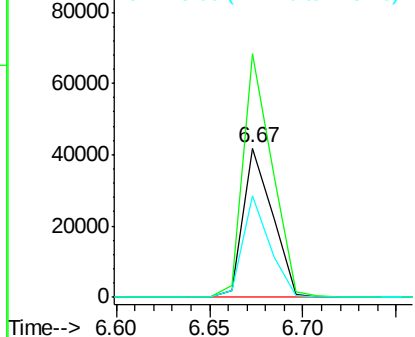
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 480
 Delta R.T. 0.00 min
 Lab File: BF078641.D
 Acq: 18 Apr 2015 13:19

Instrument :
 BNA_F
 ClientSampleId :
 COMP1RE

Tot Ion:152 Resp: 45800
 Ion Ratio Lower Upper
 152 100
 150 163.0 125.9 188.9
 115 67.5 52.7 79.1



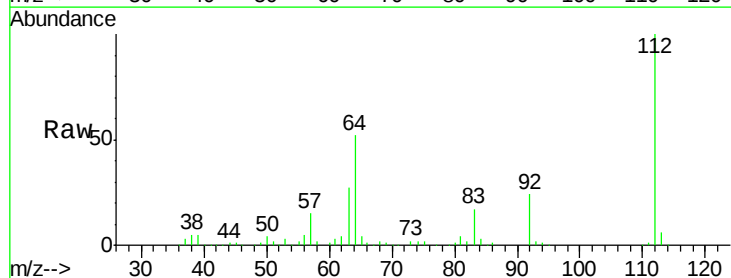
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



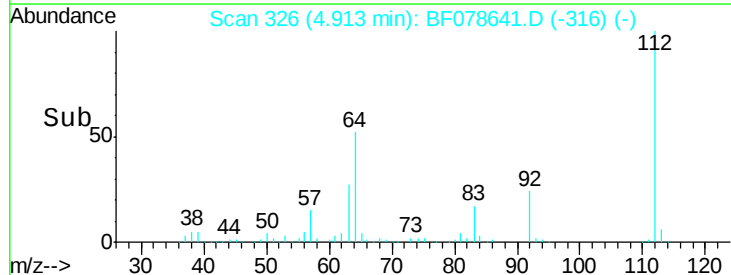
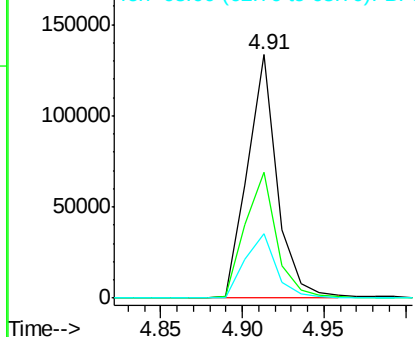
#5

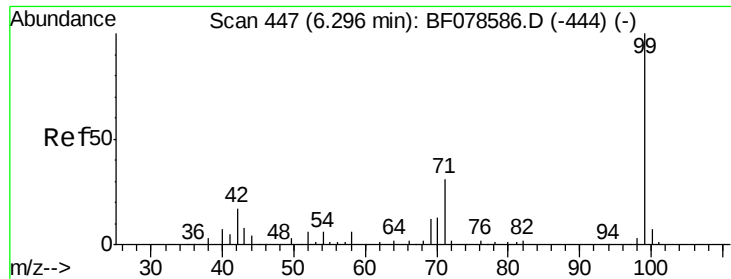
2-Fluorophenol
 Concen: 61.01 ng
 RT: 4.91 min Scan# 326
 Delta R.T. 0.01 min
 Lab File: BF078641.D
 Acq: 18 Apr 2015 13:19

Tgt Ion:112 Resp: 169463
 Ion Ratio Lower Upper
 112 100
 64 51.6 39.9 59.9
 63 26.6 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





#7

Phenol-d6

Concen: 64.30 ng

RT: 6.30 min Scan# 447

Delta R.T. 0.01 min

Lab File: BF078641.D

Acq: 18 Apr 2015 13:19

Instrument :

BNA_F

ClientSampleId :

COMP1RE

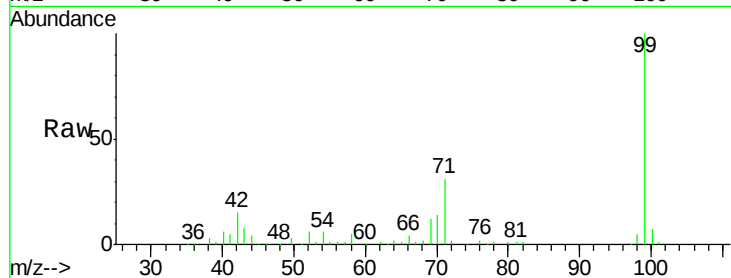
Tot Ion: 99 Resp: 223838

Ion Ratio Lower Upper

99 100

42 15.4 14.8 22.2

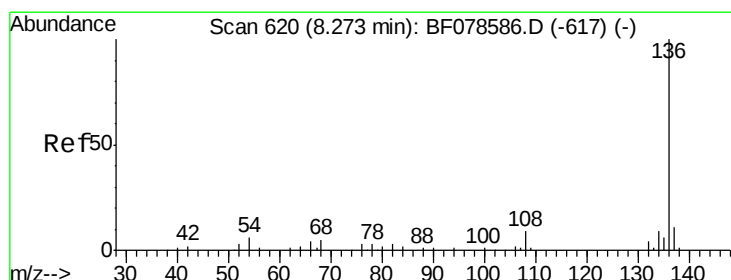
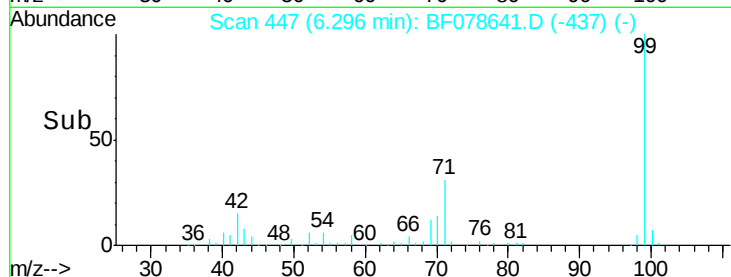
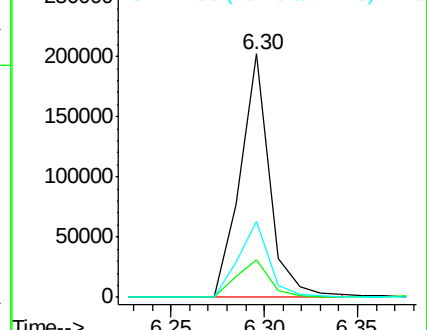
71 31.3 26.6 39.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 619

Delta R.T. 0.01 min

Lab File: BF078641.D

Acq: 18 Apr 2015 13:19

Tgt Ion: 136 Resp: 206198

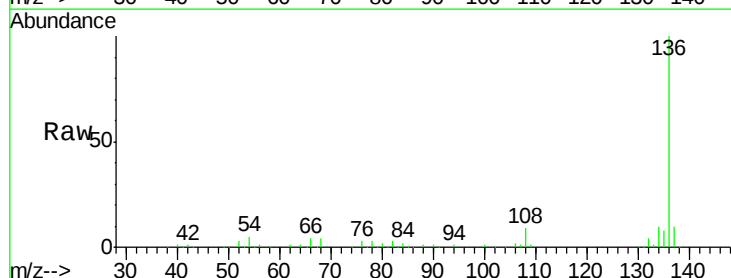
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.4

54 5.3 7.0 10.6#

68 4.1 5.4 8.2#

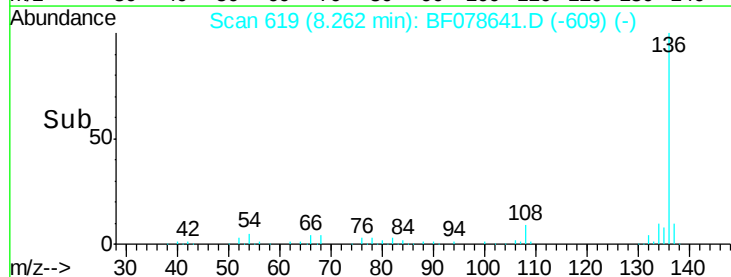
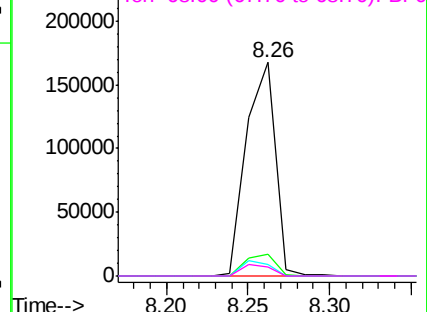


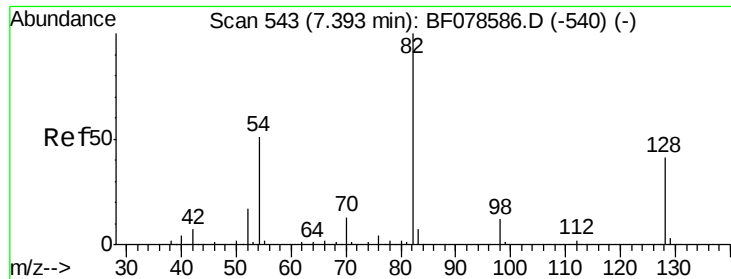
Abundance Ion 136.00 (135.70 to 136.70): E

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

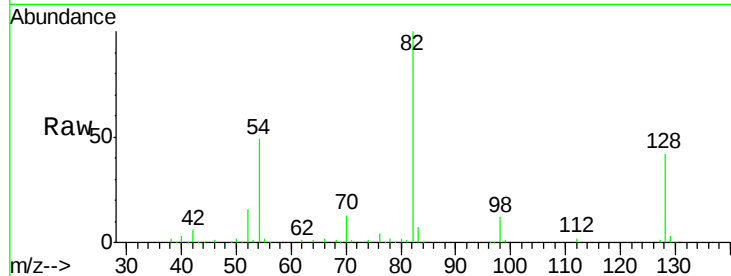




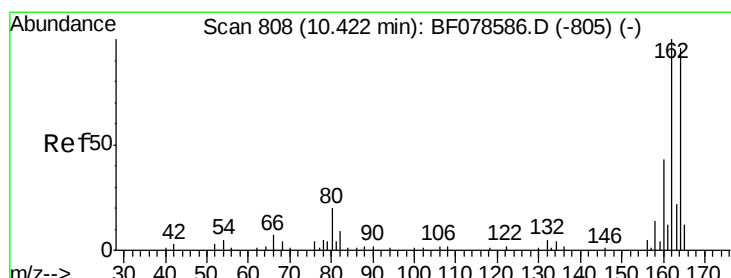
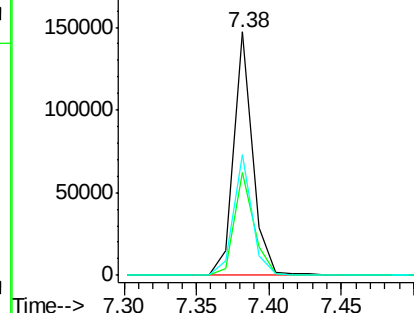
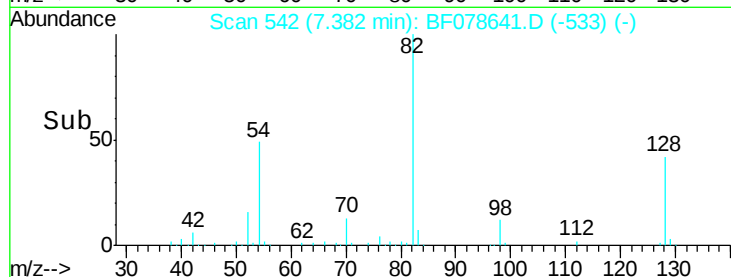
#23
Nitrobenzene-d5
Concen: 39.62 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF078641.D
Acq: 18 Apr 2015 13:19

Instrument :
BNA_F
ClientSampleId :
COMP1RE

Tot Ion	82	Resp	134781
Ion Ratio	Lower	Upper	
82	100		
128	42.5	31.8	47.8
54	49.4	41.5	62.3

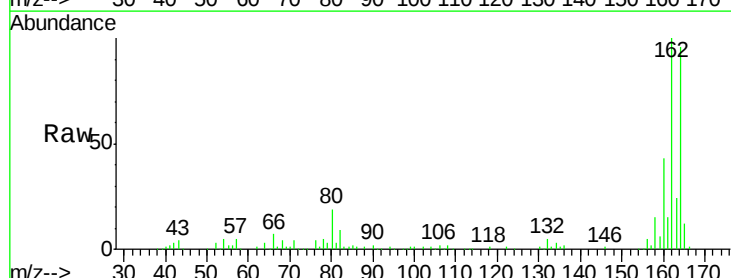


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

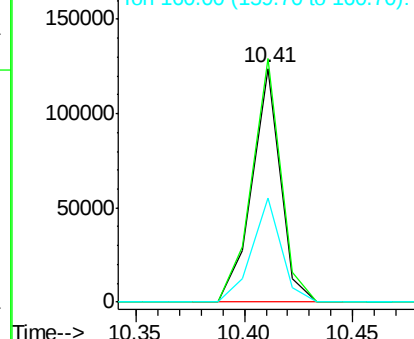
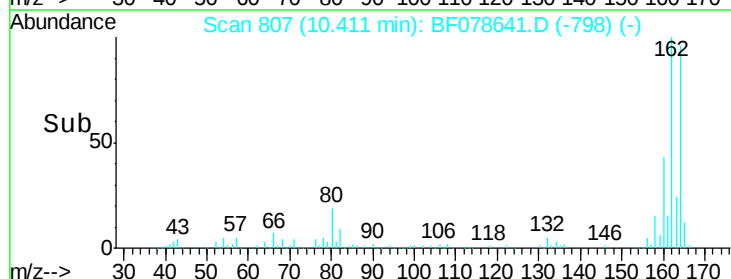


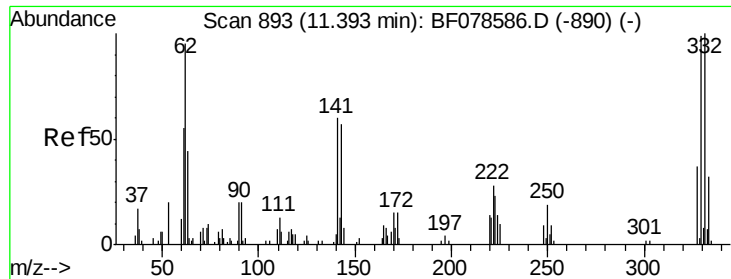
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.41 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF078641.D
Acq: 18 Apr 2015 13:19

Tgt Ion	164	Resp	112172
Ion Ratio	Lower	Upper	
164	100		
162	104.3	82.2	123.2
160	44.7	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

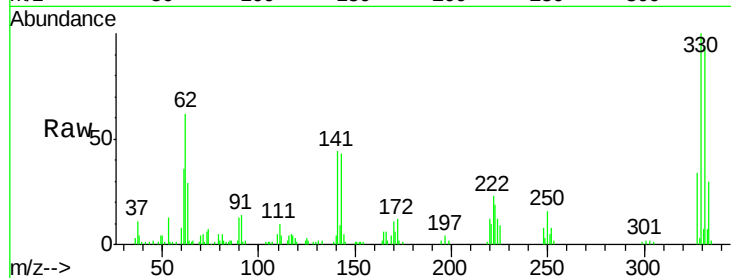




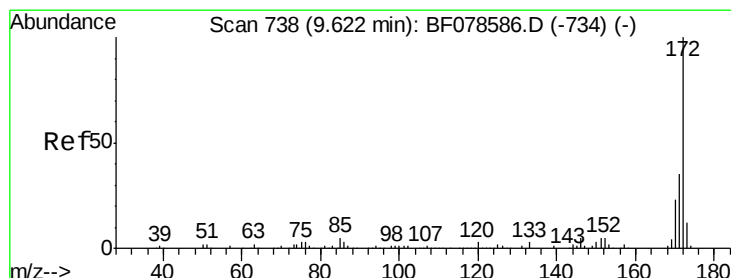
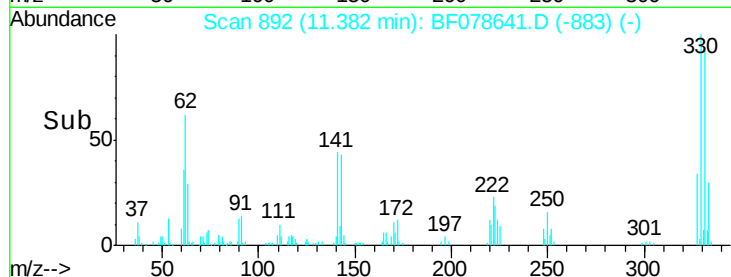
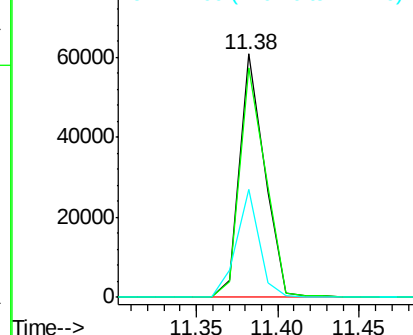
#41
 2,4,6-Tribromophenol
 Concen: 68.76 ng
 RT: 11.38 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF078641.D
 Acq: 18 Apr 2015 13:19

Instrument :
 BNA_F
 ClientSampleId :
 COMP1RE

Tot Ion:330 Resp: 63967
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.6 117.8
 141 40.5 31.2 46.8

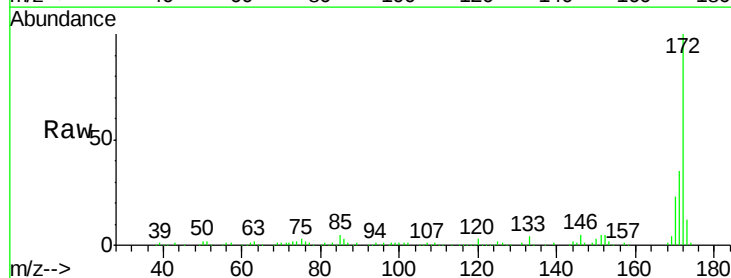


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

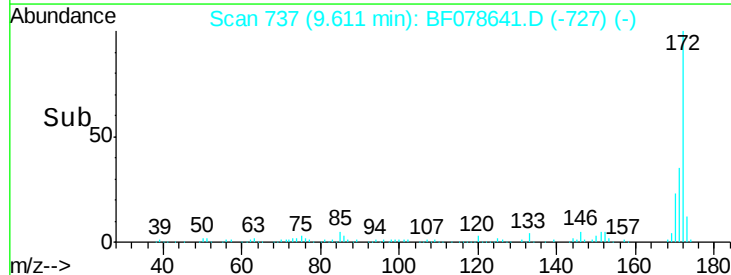
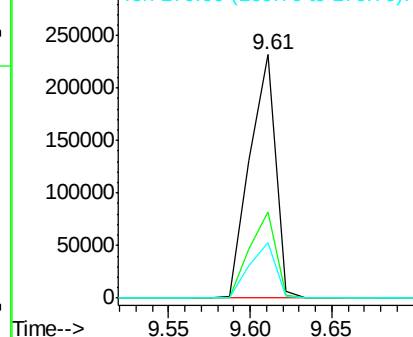


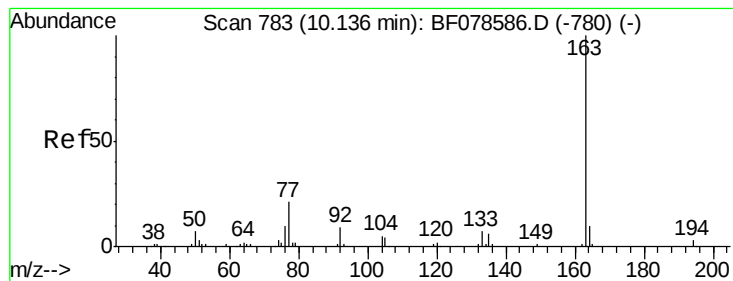
#44
 2-Fluorobiphenyl
 Concen: 32.64 ng
 RT: 9.61 min Scan# 737
 Delta R.T. 0.01 min
 Lab File: BF078641.D
 Acq: 18 Apr 2015 13:19

Tgt Ion:172 Resp: 256112
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 42.8
 170 22.8 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





#49

Dimethylphthalate

Concen: 3.69 ng

RT: 10.12 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF078641.D

Acq: 18 Apr 2015 13:19

Instrument :

BNA_F

ClientSampleId :

COMP1RE

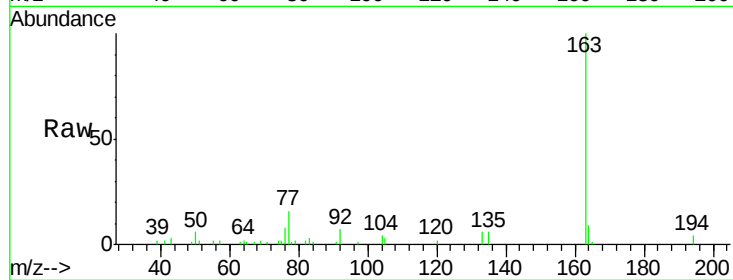
Tot Ion:163 Resp: 31116

Ion Ratio Lower Upper

163 100

194 3.9 2.3 3.5#

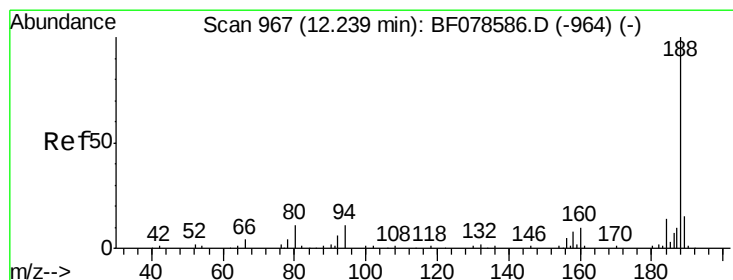
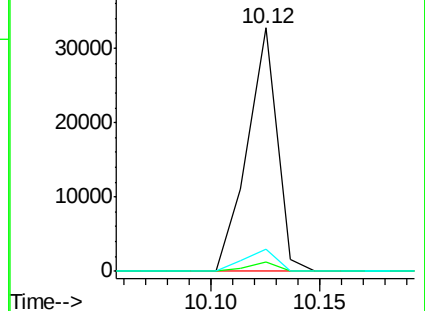
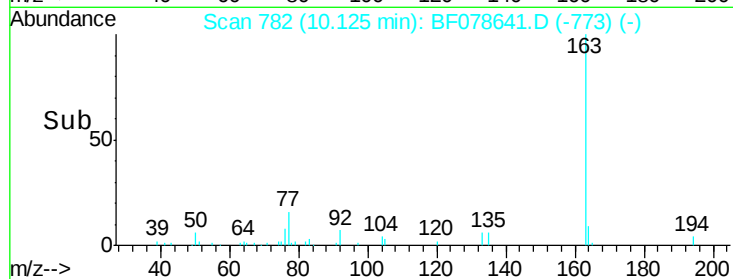
164 9.3 8.6 13.0



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: 12.23 min Scan# 966

Delta R.T. 0.01 min

Lab File: BF078641.D

Acq: 18 Apr 2015 13:19

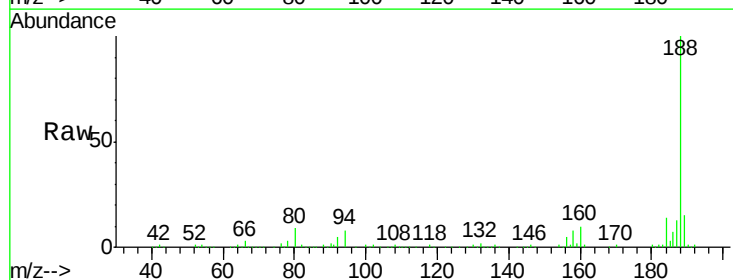
Tgt Ion:188 Resp: 235379

Ion Ratio Lower Upper

188 100

94 8.3 9.0 13.4#

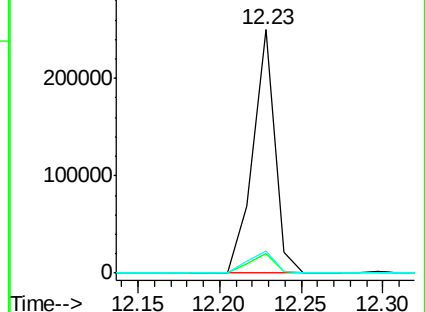
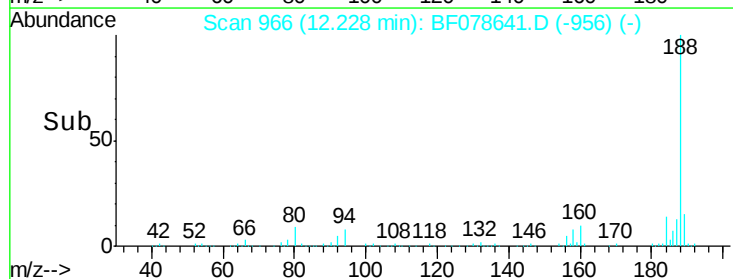
80 9.0 9.5 14.3#

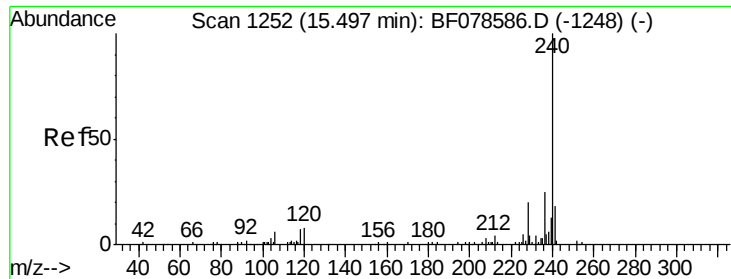


Abundance Ion 188.00 (187.70 to 188.70): E

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: 15.47 min Scan# 1250

Delta R.T. 0.01 min

Lab File: BF078641.D

Acq: 18 Apr 2015 13:19

Instrument :

BNA_F

ClientSampleId :

COMP1RE

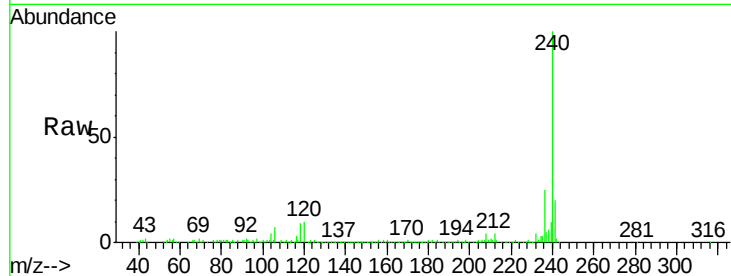
Tot Ion:240 Resp: 259749

Ion Ratio Lower Upper

240 100

120 10.0 7.1 10.7

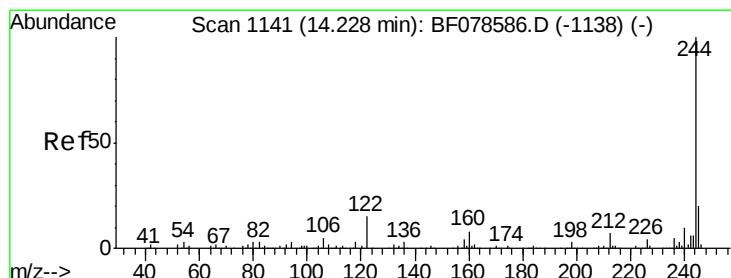
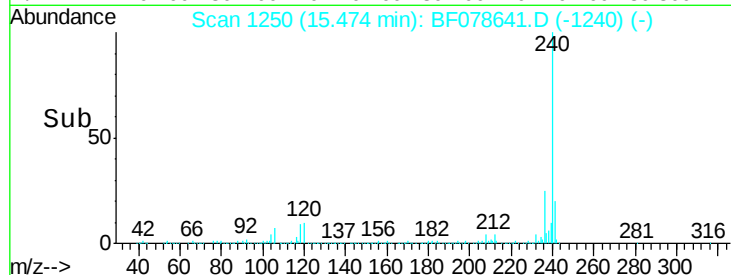
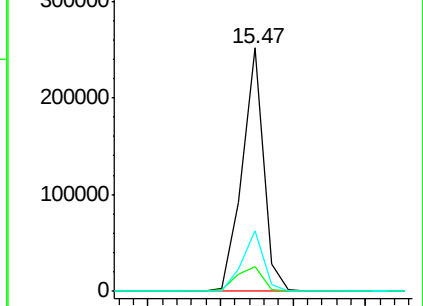
236 25.0 21.4 32.2



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: 30.23 ng

RT: 14.22 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BF078641.D

Acq: 18 Apr 2015 13:19

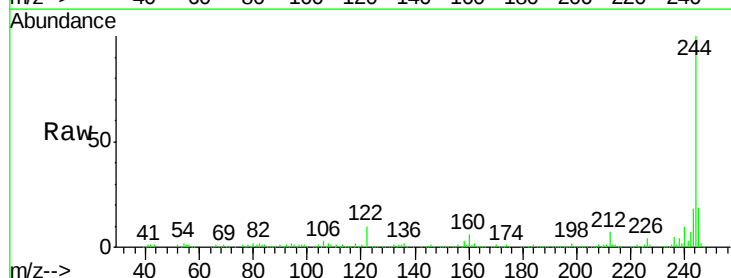
Tgt Ion:244 Resp: 347499

Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.4

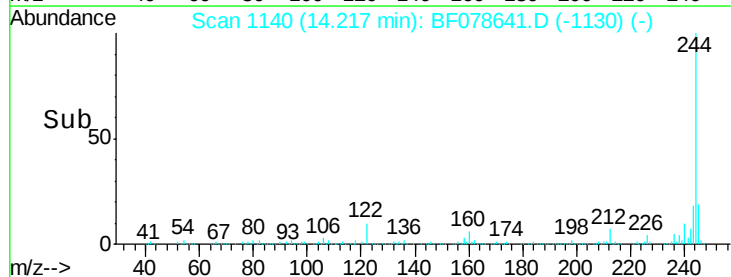
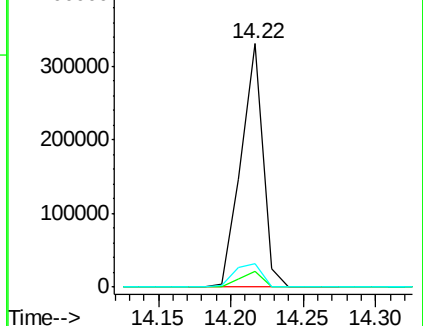
122 9.7 7.1 10.7

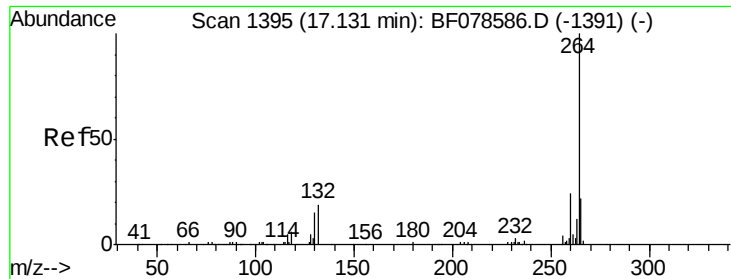


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

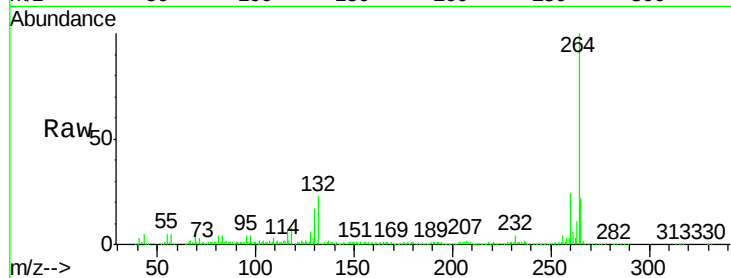




#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.13 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF078641.D
Acq: 18 Apr 2015 13:19

Instrument :
BNA_F
ClientSampleId :
COMP1RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	21.9	17.0	25.6



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

