

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
 Data File : BF077467.D
 Acq On : 26 Feb 2015 16:11
 Operator : TP/IZ
 Sample : G1384-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 36A-NW-022515

Quant Time: Feb 26 17:54:12 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 26 17:14:46 2015
 Response via : Initial Calibration

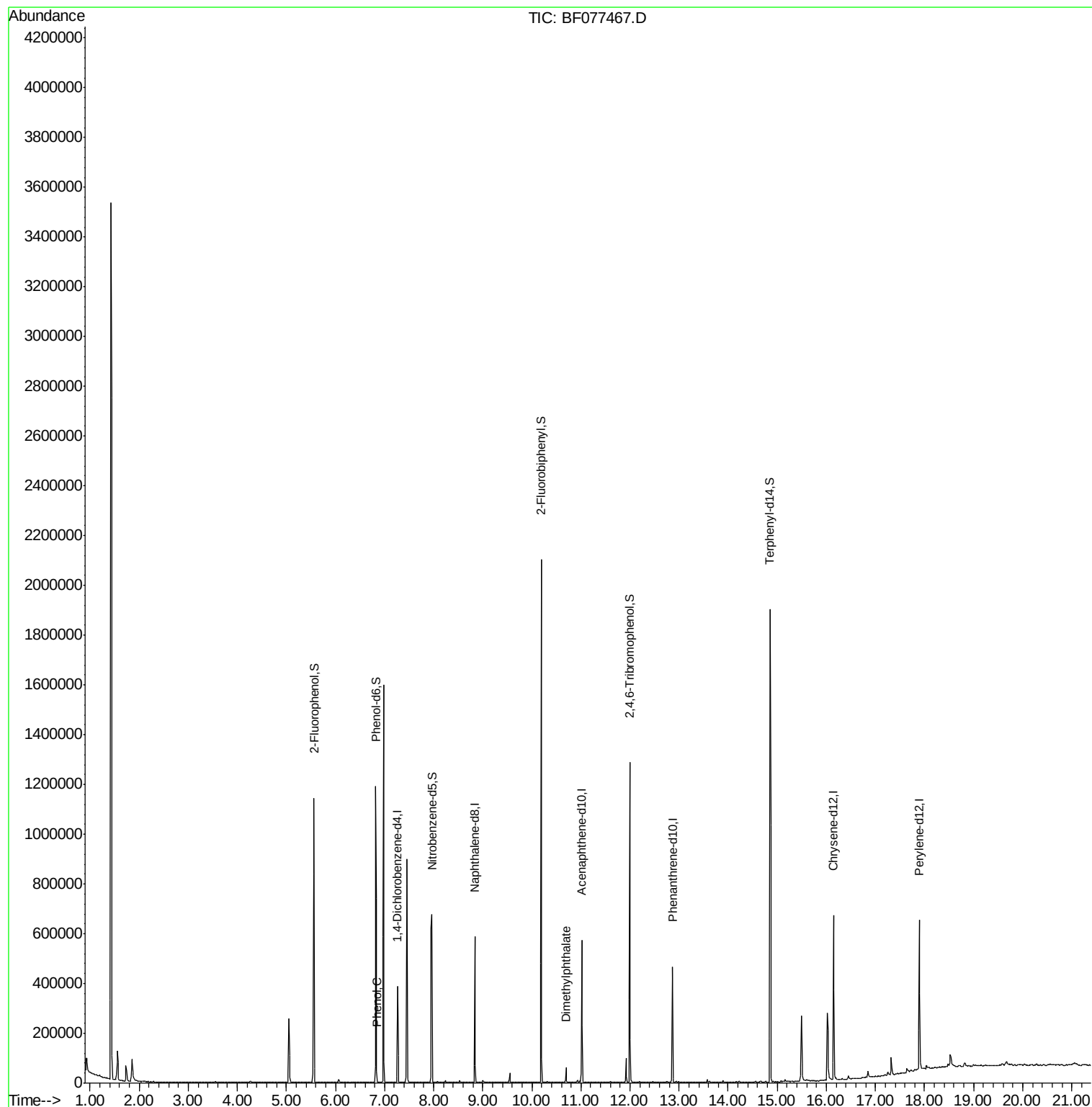
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	61055	20.00	ng	0.00
21) Naphthalene-d8	8.84	136	250661	20.00	ng	0.00
38) Acenaphthene-d10	11.01	164	128656	20.00	ng	-0.01
63) Phenanthrene-d10	12.87	188	257004	20.00	ng	0.00
75) Chrysene-d12	16.15	240	292430	20.00	ng	-0.03
86) Perylene-d12	17.89	264	282061	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	427386	116.86	ng	0.00
7) Phenol-d6	6.82	99	517092	109.97	ng	-0.01
23) Nitrobenzene-d5	7.96	82	313333	77.73	ng	0.00
41) 2,4,6-Tribromophenol	12.00	330	152742	123.30	ng	-0.01
44) 2-Fluorobiphenyl	10.19	172	654509	79.32	ng	0.00
78) Terphenyl-d14	14.85	244	772852	61.78	ng	-0.01
Target Compounds						
10) Phenol	6.84	94	14174	2.54	ng	95
49) Dimethylphthalate	10.69	163	25622	2.83	ng	99

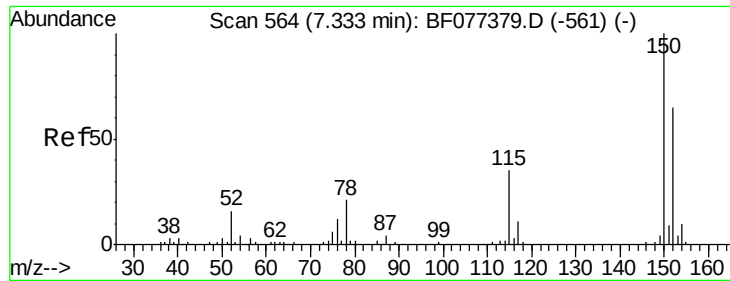
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.26 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF077467.D

Acq: 26 Feb 2015 16:11

Instrument :

BNA_F

ClientSampleId :

36A-NW-022515

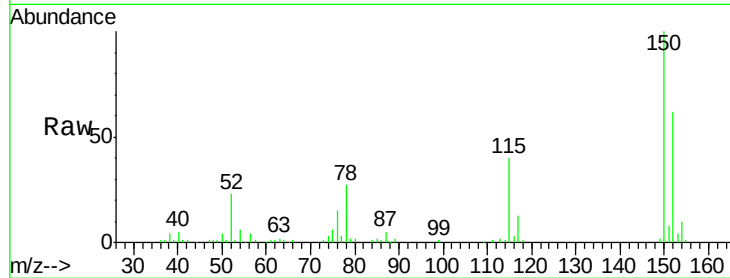
Tgt Ion:152 Resp: 61055

Ion Ratio Lower Upper

152 100

150 160.3 124.0 186.0

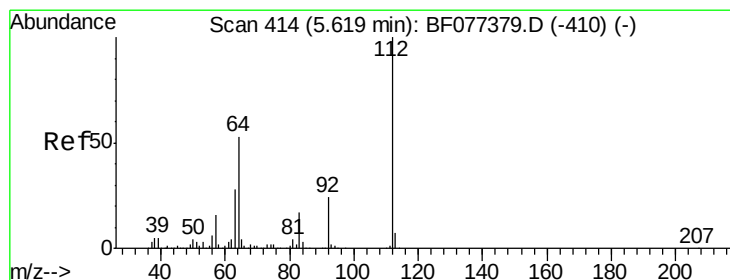
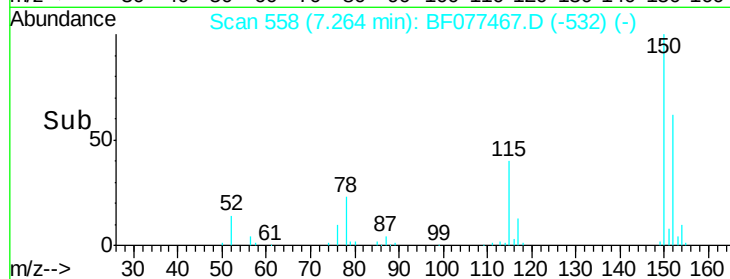
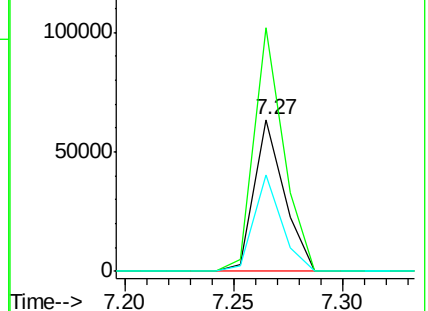
115 63.5 49.4 74.2



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: 116.86 ng

RT: 5.56 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF077467.D

Acq: 26 Feb 2015 16:11

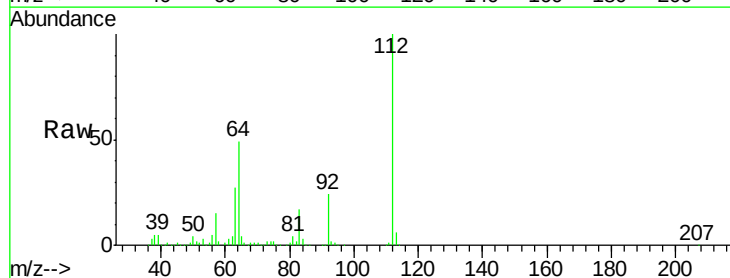
Tgt Ion:112 Resp: 427386

Ion Ratio Lower Upper

112 100

64 49.4 48.5 72.7

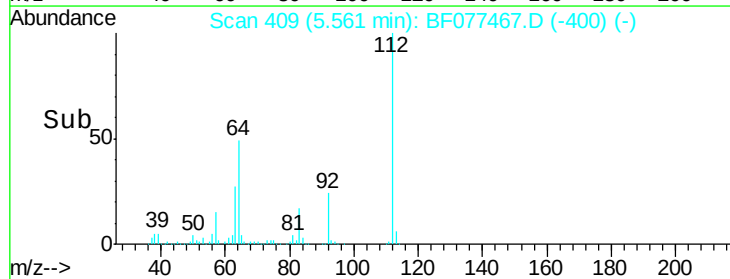
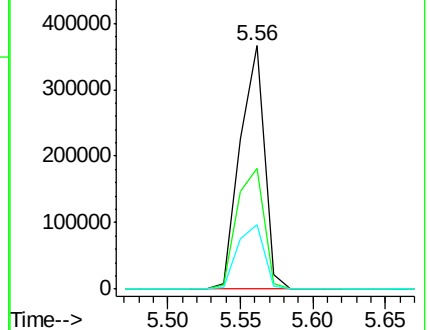
63 26.7 25.0 37.4

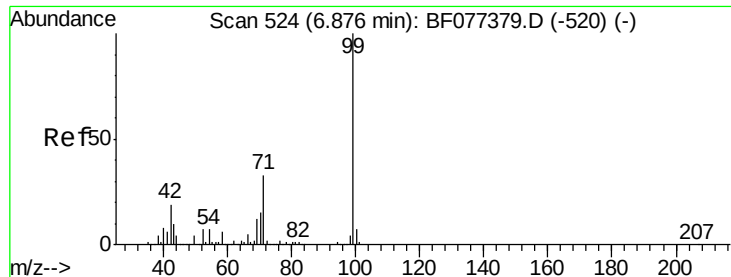


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.97 ng

RT: 6.82 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF077467.D

Acq: 26 Feb 2015 16:11

Instrument :

BNA_F

ClientSampleId :

36A-NW-022515

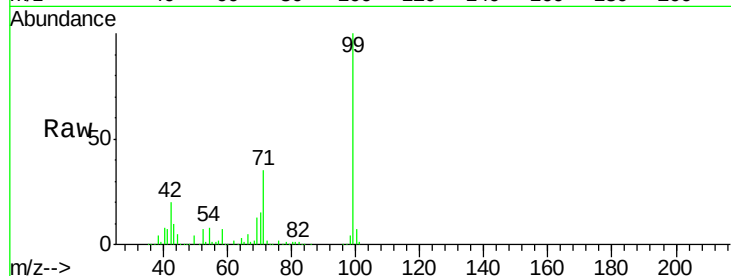
Tgt Ion: 99 Resp: 517092

Ion Ratio Lower Upper

99 100

42 19.8 16.2 24.4

71 34.9 26.7 40.1



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

500000

400000

300000

200000

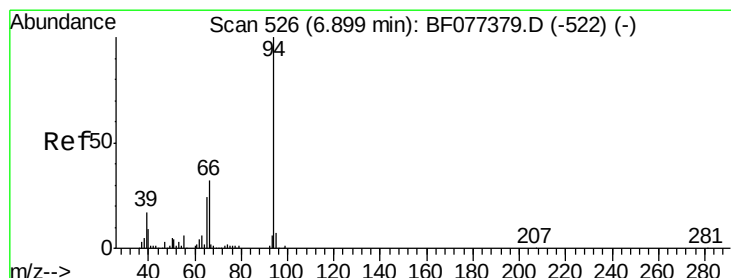
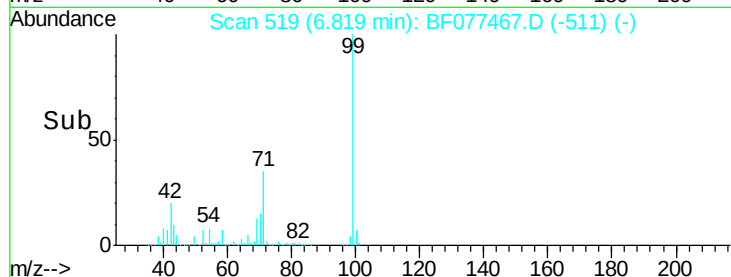
100000

0

6.82

6.80 6.90

Time-->



#10

Phenol

Concen: 2.54 ng

RT: 6.84 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF077467.D

Acq: 26 Feb 2015 16:11

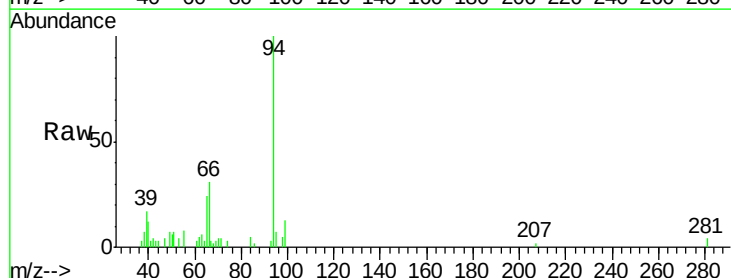
Tgt Ion: 94 Resp: 14174

Ion Ratio Lower Upper

94 100

65 23.6 5.7 45.7

66 30.5 13.6 53.6



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

25000

20000

15000

10000

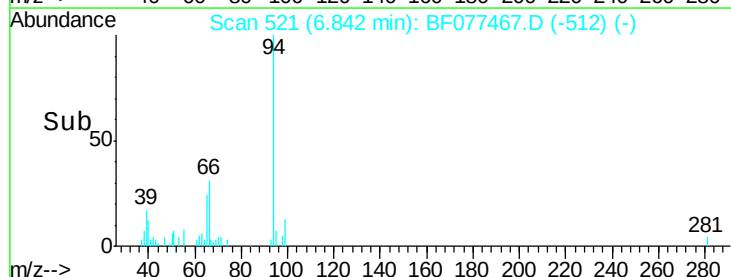
5000

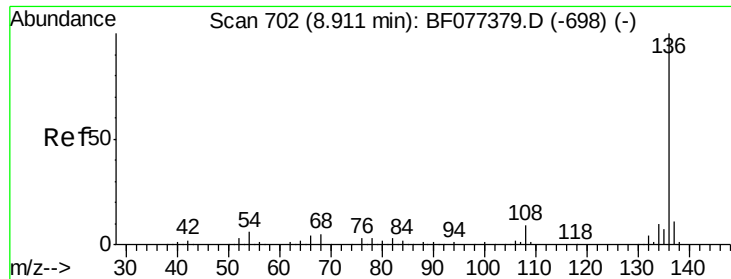
0

6.84

6.80 6.85 6.90

Time-->

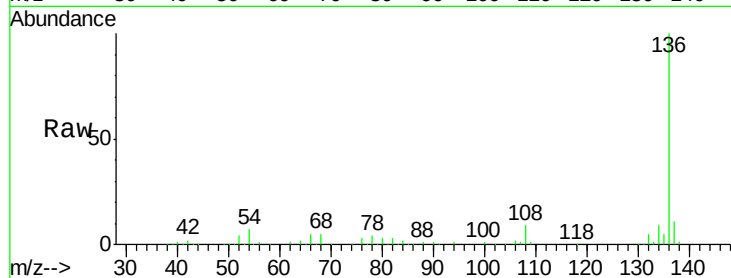




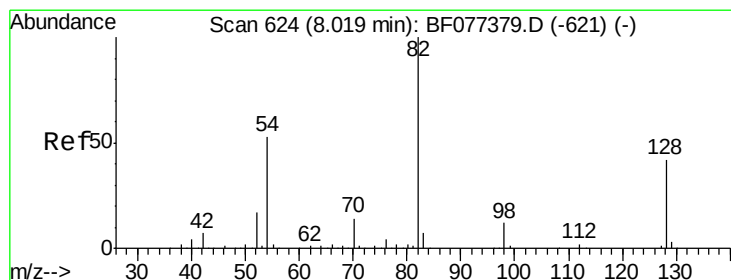
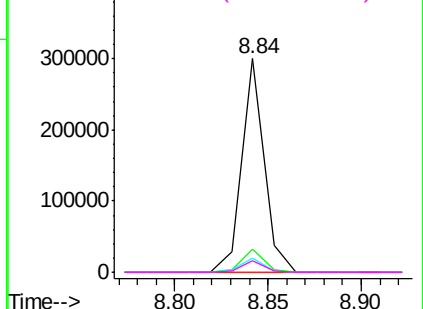
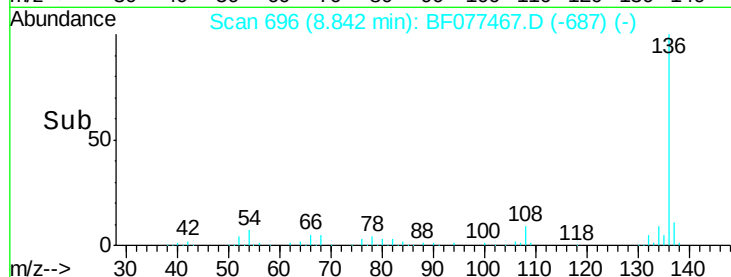
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.84 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF077467.D
Acq: 26 Feb 2015 16:11

Instrument :
BNA_F
ClientSampleId :
36A-NW-022515

Tgt Ion:	136	Resp:	250661
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	6.7	6.2	9.4
68	5.4	5.0	7.6

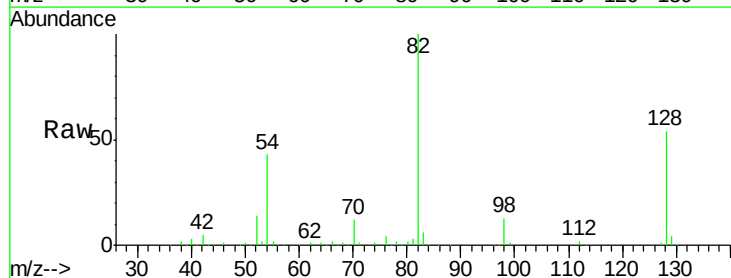


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

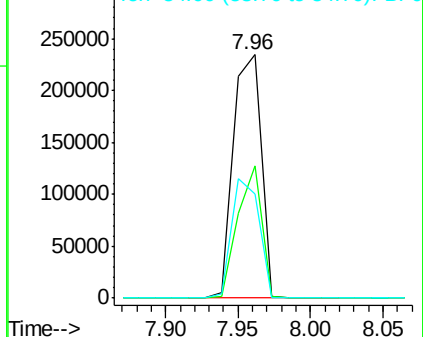
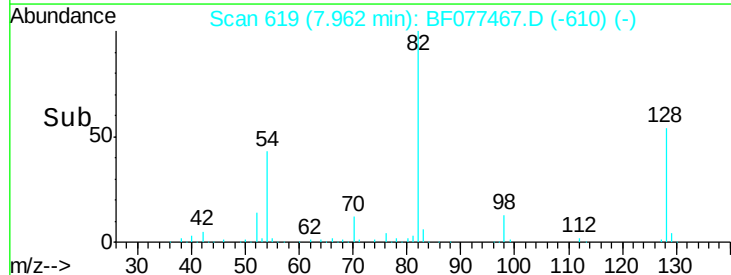


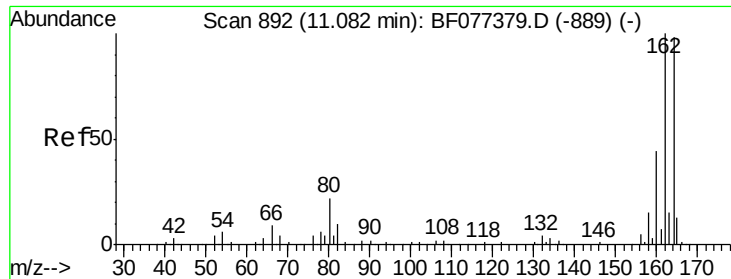
#23
Nitrobenzene-d5
Concen: 77.73 ng
RT: 7.96 min Scan# 619
Delta R.T. 0.00 min
Lab File: BF077467.D
Acq: 26 Feb 2015 16:11

Tgt Ion:	82	Resp:	313333
Ion	Ratio	Lower	Upper
82	100		
128	54.2	43.8	65.8
54	42.8	36.7	55.1



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

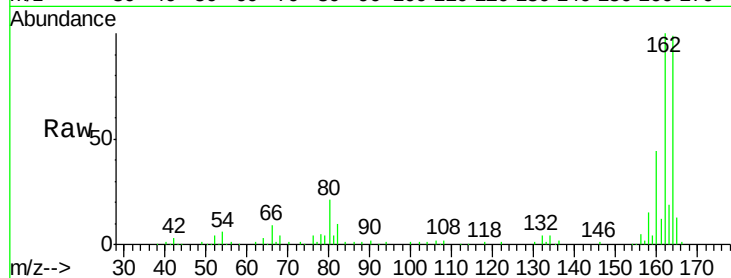




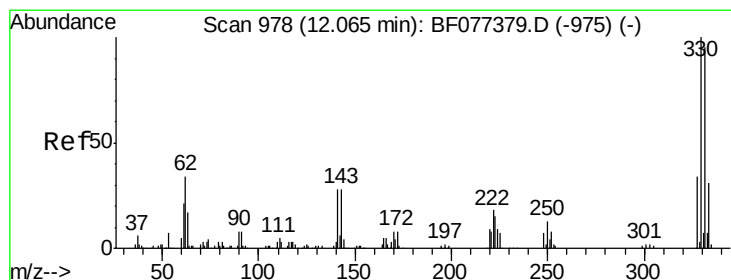
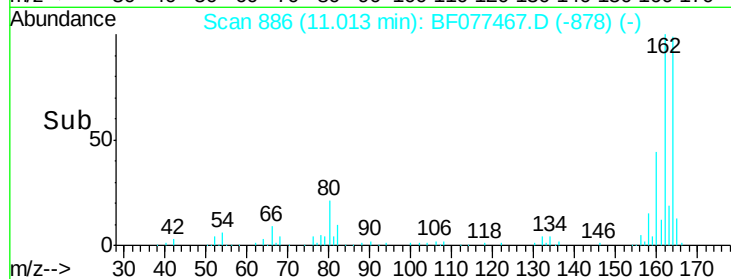
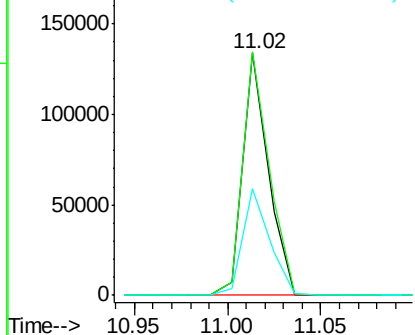
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.01 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF077467.D
 Acq: 26 Feb 2015 16:11

Instrument :
 BNA_F
 ClientSampleId :
 36A-NW-022515

Tgt Ion:164 Resp: 128656
 Ion Ratio Lower Upper
 164 100
 162 100.7 83.2 124.8
 160 44.0 34.6 52.0

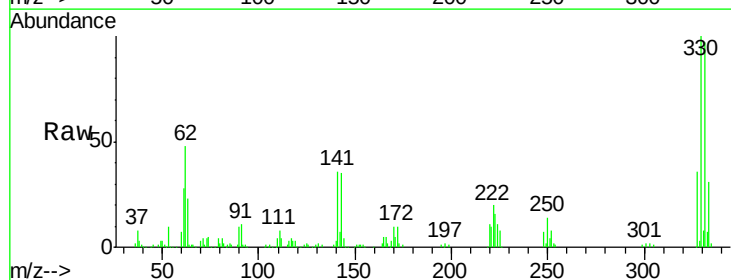


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

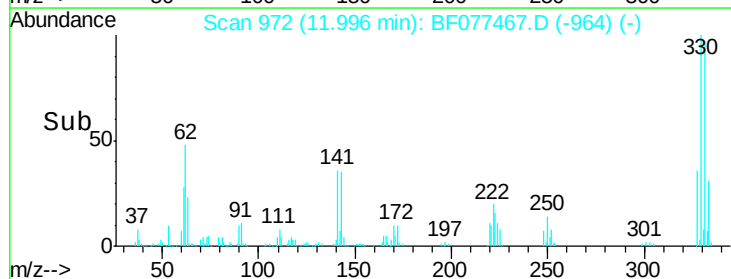
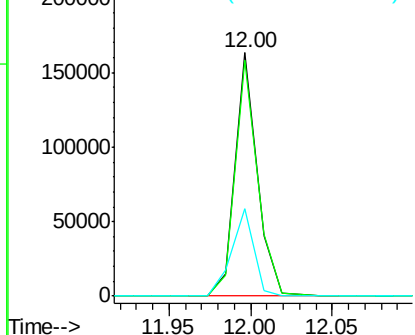


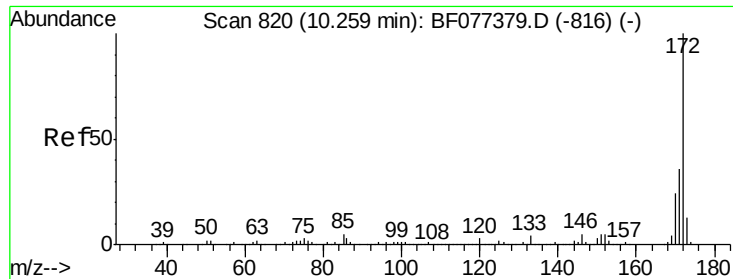
#41
 2,4,6-Tribromophenol
 Concen: 123.30 ng
 RT: 12.00 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF077467.D
 Acq: 26 Feb 2015 16:11

Tgt Ion:330 Resp: 152742
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.4 116.2
 141 36.5 28.8 43.2



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

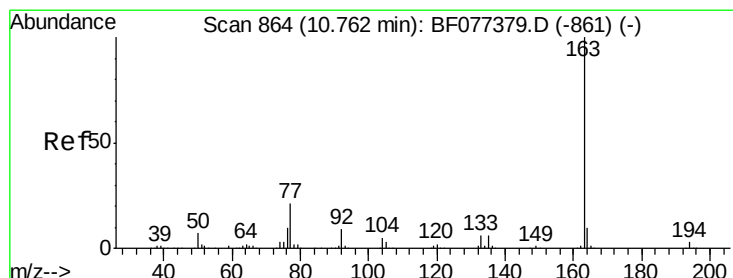
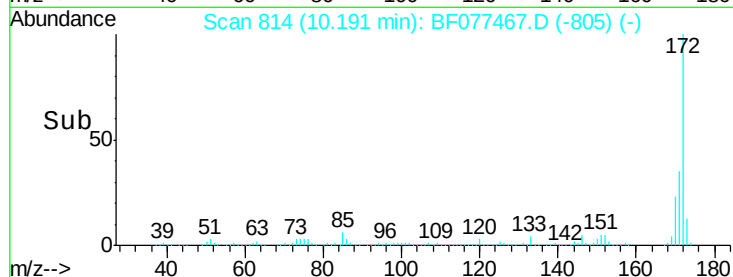
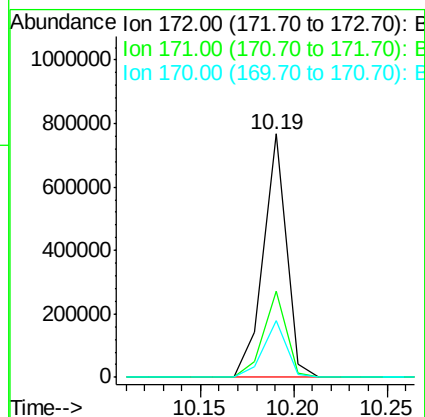
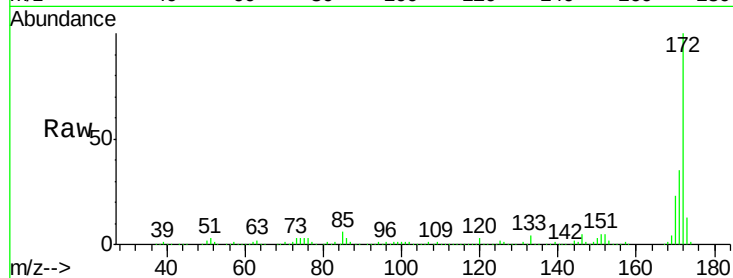




#44
2-Fluorobiphenyl
Concen: 79.32 ng
RT: 10.19 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF077467.D
Acq: 26 Feb 2015 16:11

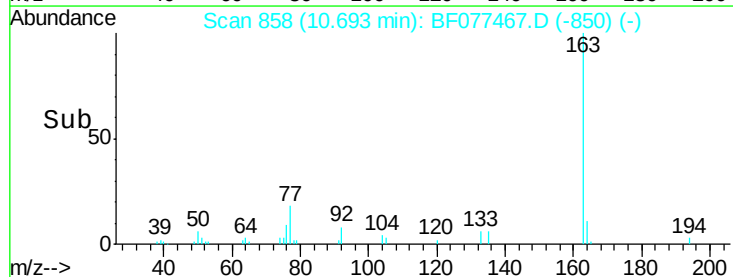
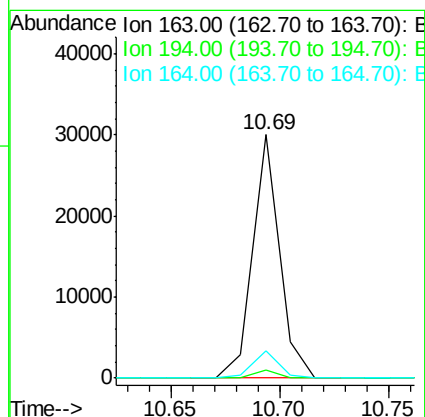
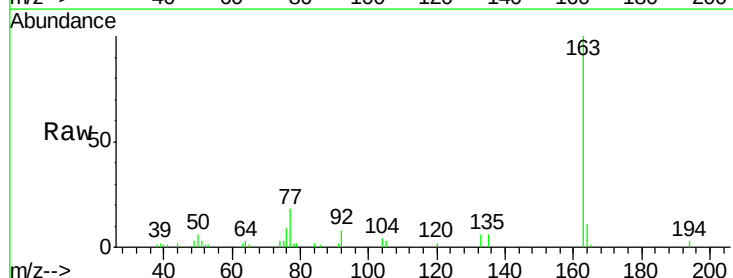
Instrument :
BNA_F
ClientSampleId :
36A-NW-022515

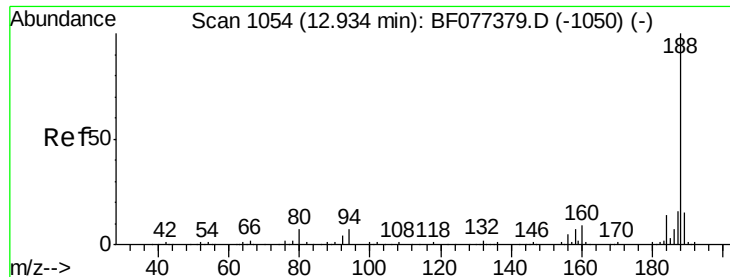
Tgt Ion:172 Resp: 654509
Ion Ratio Lower Upper
172 100
171 35.4 28.9 43.3
170 23.3 19.4 29.2



#49
Dimethylphthalate
Concen: 2.83 ng
RT: 10.69 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF077467.D
Acq: 26 Feb 2015 16:11

Tgt Ion:163 Resp: 25622
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 11.0 8.6 13.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.87 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF077467.D

Acq: 26 Feb 2015 16:11

Instrument :

BNA_F

ClientSampleId :

36A-NW-022515

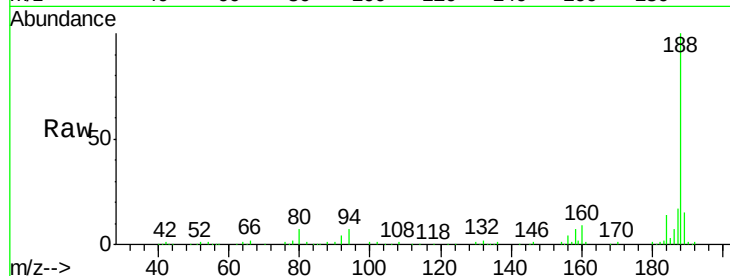
Tgt Ion:188 Resp: 257004

Ion Ratio Lower Upper

188 100

94 6.8 7.4 11.2#

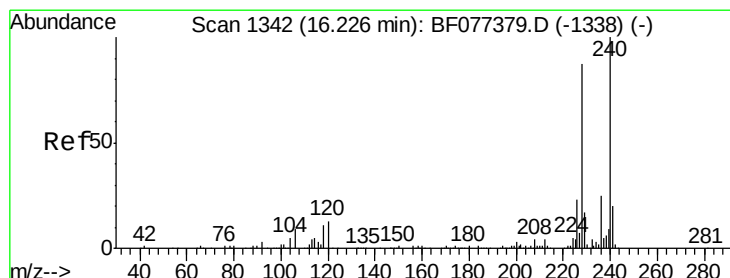
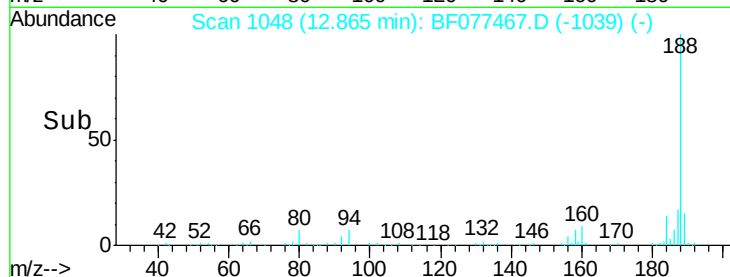
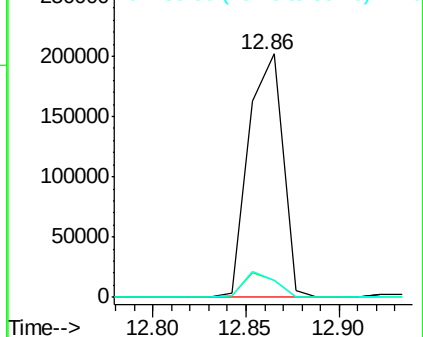
80 6.8 8.0 12.0#



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: 16.15 min Scan# 1335

Delta R.T. -0.03 min

Lab File: BF077467.D

Acq: 26 Feb 2015 16:11

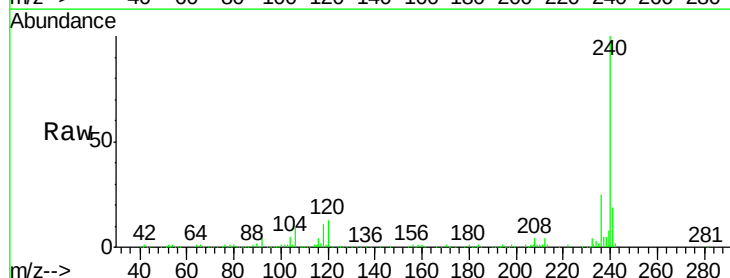
Tgt Ion:240 Resp: 292430

Ion Ratio Lower Upper

240 100

120 13.2 8.8 13.2

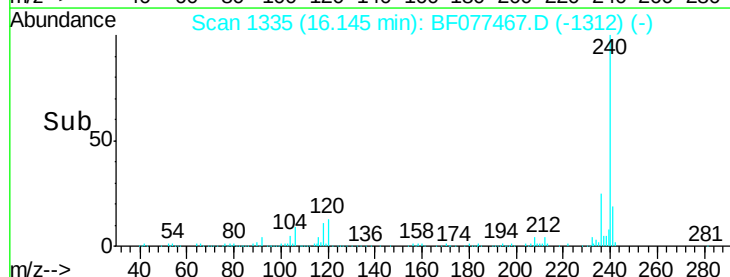
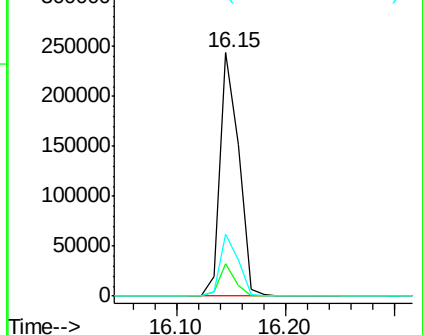
236 25.4 20.7 31.1

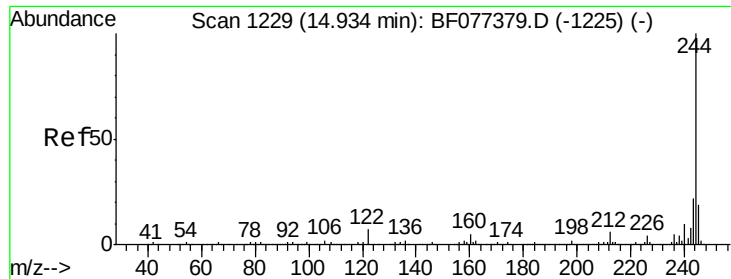


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

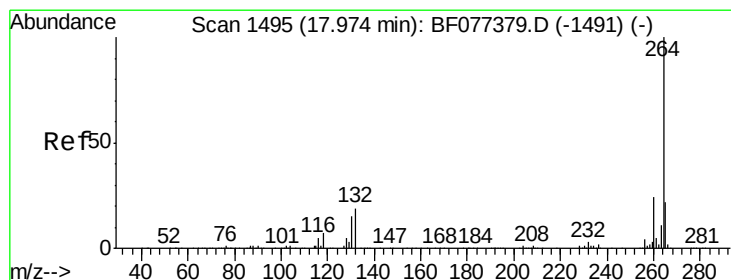
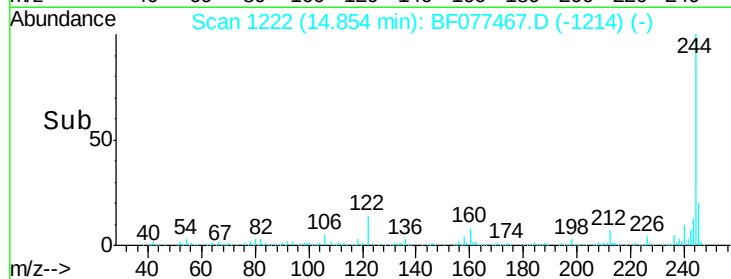
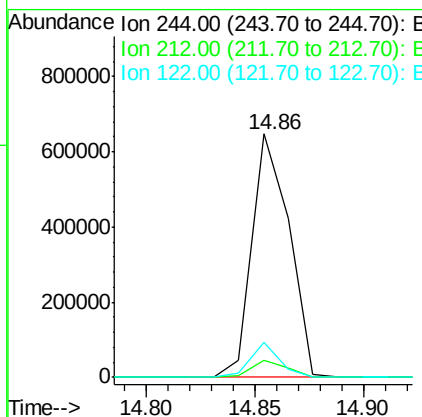
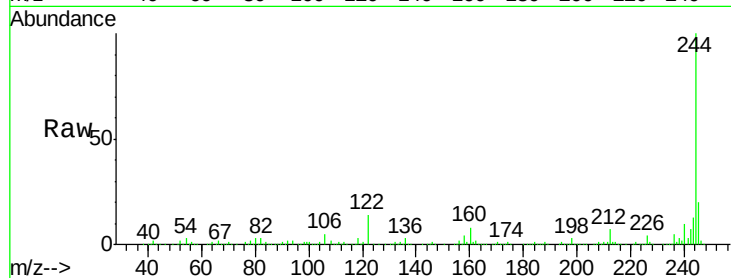




#78
 Terphenyl-d14
 Concen: 61.78 ng
 RT: 14.85 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF077467.D
 Acq: 26 Feb 2015 16:11

Instrument :
 BNA_F
 ClientSampleId :
 36A-NW-022515

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.2	7.8
122	14.3	7.8	11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.89 min Scan# 1488
 Delta R.T. -0.11 min
 Lab File: BF077467.D
 Acq: 26 Feb 2015 16:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	21.8	16.8	25.2

