

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022715\
 Data File : BF077506.D
 Acq On : 27 Feb 2015 15:03
 Operator : TP/IZ
 Sample : G1377-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-1

Quant Time: Feb 27 22:39:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 27 22:28:54 2015
 Response via : Initial Calibration

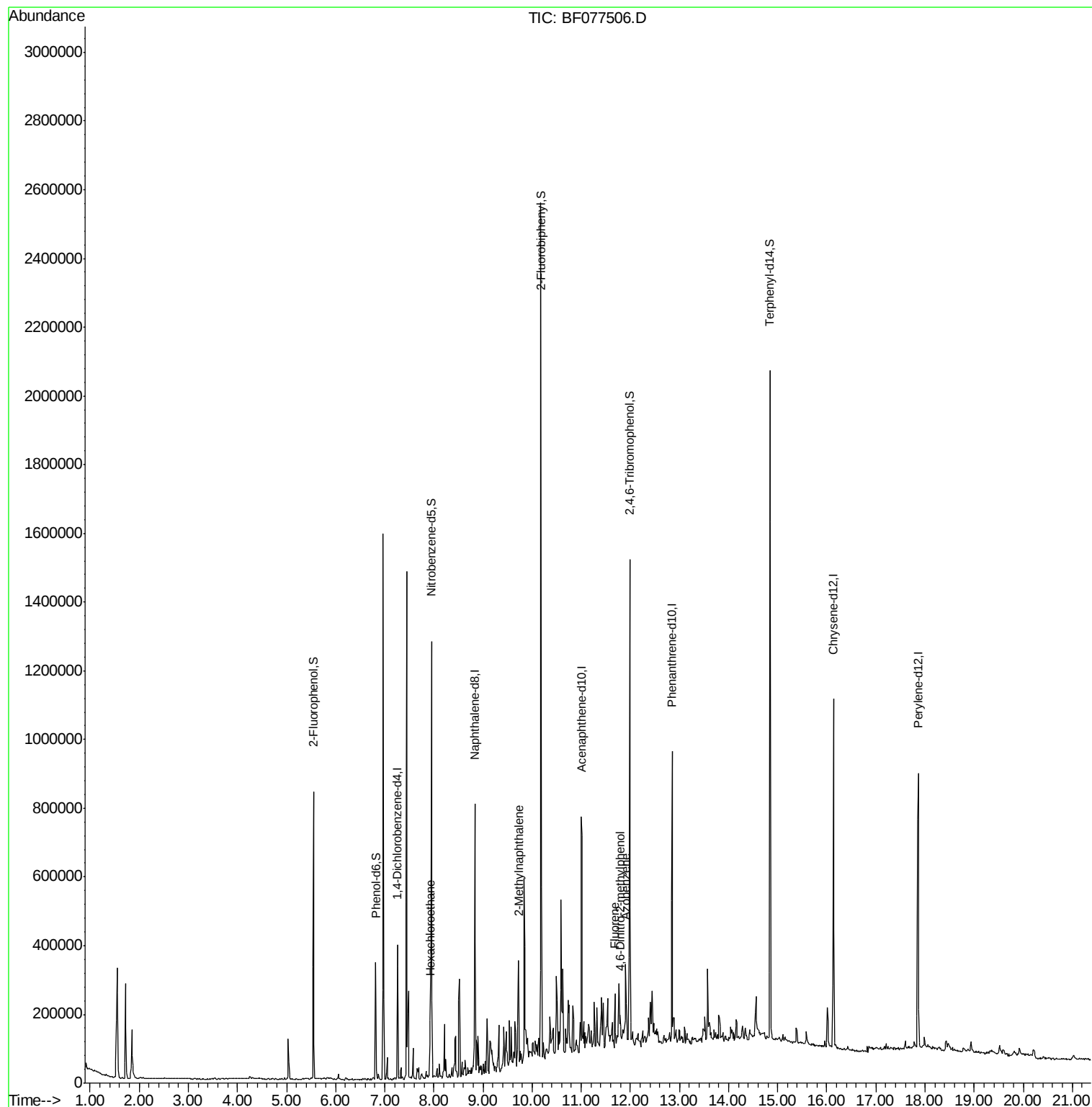
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	87331	20.00	ng	0.00
21) Naphthalene-d8	8.83	136	350239	20.00	ng	0.00
38) Acenaphthene-d10	11.01	164	183921	20.00	ng	0.00
63) Phenanthrene-d10	12.85	188	371869	20.00	ng	0.00
75) Chrysene-d12	16.14	240	401178	20.00	ng	-0.01
86) Perylene-d12	17.86	264	427446	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	262343	50.15	ng	0.00
7) Phenol-d6	6.81	99	175739	26.13	ng	0.00
23) Nitrobenzene-d5	7.95	82	377356	67.00	ng	0.00
41) 2,4,6-Tribromophenol	11.99	330	170496	96.27	ng	0.00
44) 2-Fluorobiphenyl	10.18	172	778020	65.96	ng	0.00
78) Terphenyl-d14	14.85	244	907186	52.86	ng	0.00
Target Compounds						
18) Hexachloroethane	7.92	117	18545	8.12	ng	# 29
37) 2-Methylnaphthalene	9.72	142	83739	6.73	ng	99
57) Fluorene	11.69	166	31001	2.43	ng	# 95
62) Azobenzene	11.91	77	41617	3.44	ng	# 1
64) 4,6-Dinitro-2-methylphenol	11.80	198	843	4.24	ng	# 1

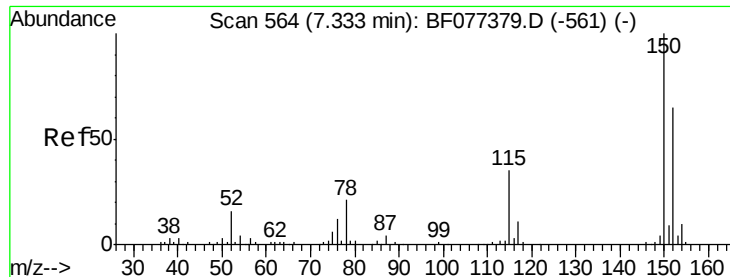
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022715\
Data File : BF077506.D
Acq On : 27 Feb 2015 15:03
Operator : TP/IZ
Sample : G1377-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1

Quant Time: Feb 27 22:39:34 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 27 22:28:54 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.26 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF077506.D

Acq: 27 Feb 2015 15:03

Instrument :

BNA_F

ClientSampleId :

RW-1

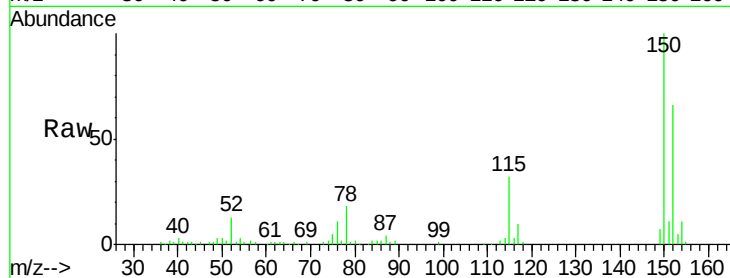
Tgt Ion:152 Resp: 87331

Ion Ratio Lower Upper

152 100

150 151.1 124.0 186.0

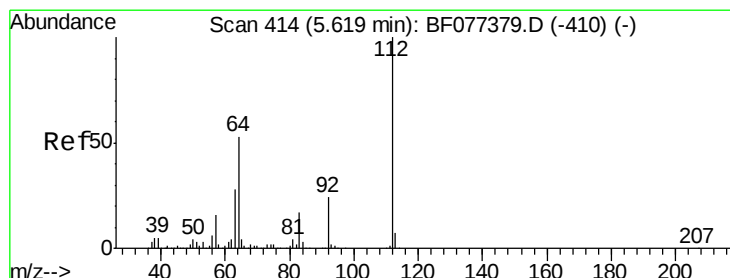
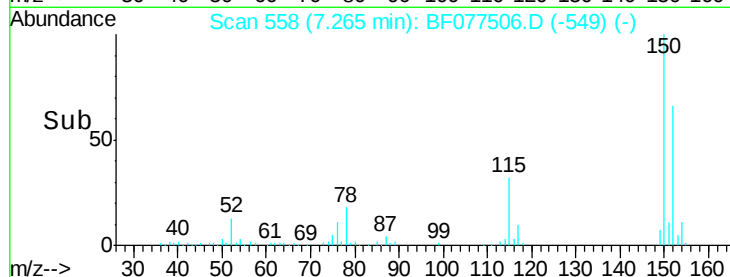
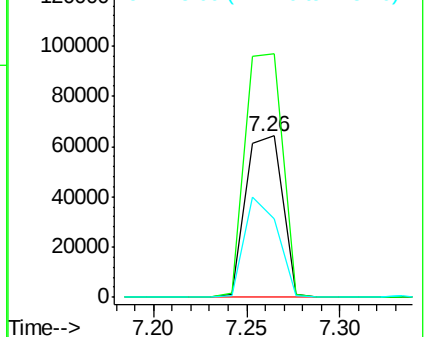
115 49.0 49.4 74.2#



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: 50.15 ng

RT: 5.55 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF077506.D

Acq: 27 Feb 2015 15:03

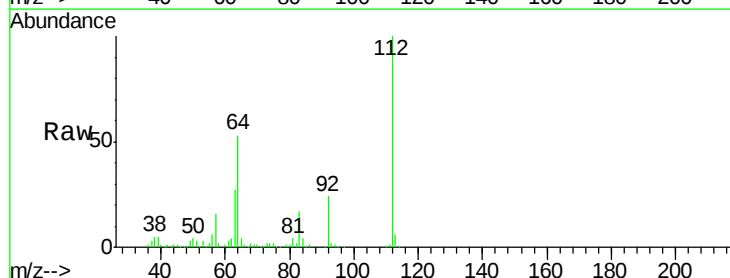
Tgt Ion:112 Resp: 262343

Ion Ratio Lower Upper

112 100

64 53.4 48.5 72.7

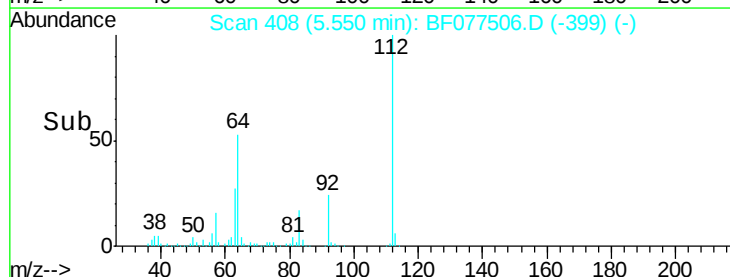
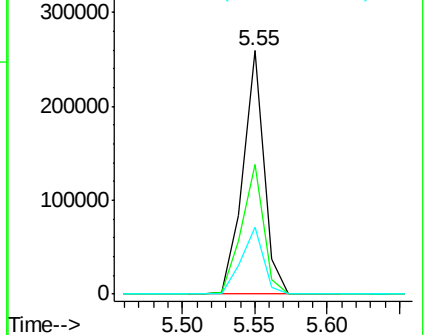
63 27.3 25.0 37.4

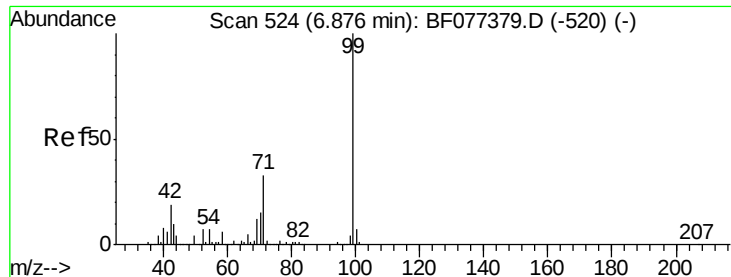


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 26.13 ng

RT: 6.81 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF077506.D

Acq: 27 Feb 2015 15:03

Instrument :

BNA_F

ClientSampleId :

RW-1

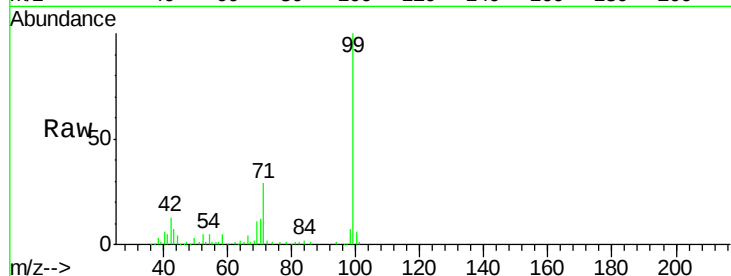
Tgt Ion: 99 Resp: 175739

Ion Ratio Lower Upper

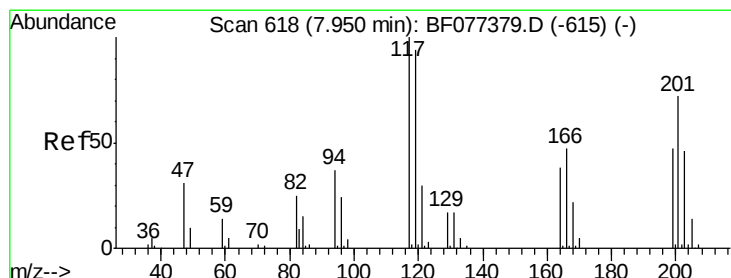
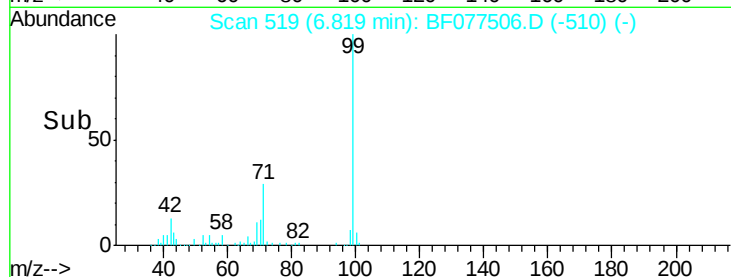
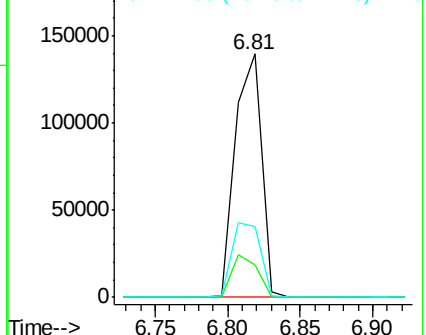
99 100

42 13.4 16.2 24.4#

71 29.1 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



#18

Hexachloroethane

Concen: 8.12 ng

RT: 7.92 min Scan# 615

Delta R.T. 0.04 min

Lab File: BF077506.D

Acq: 27 Feb 2015 15:03

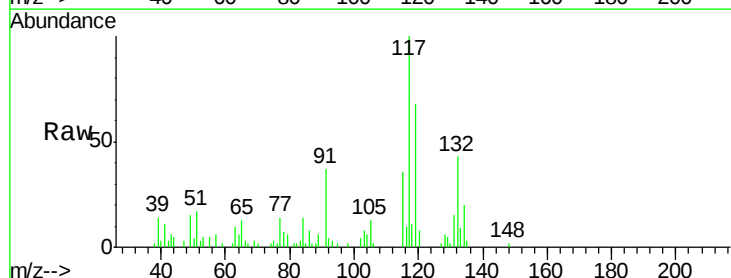
Tgt Ion: 117 Resp: 18545

Ion Ratio Lower Upper

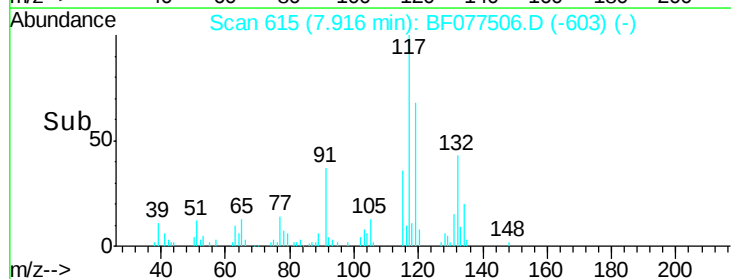
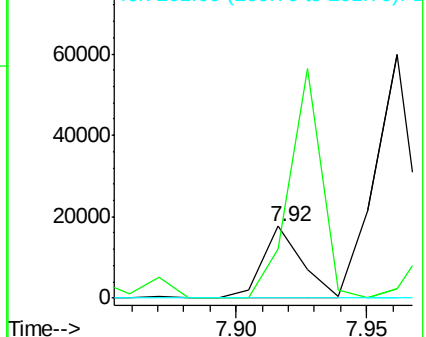
117 100

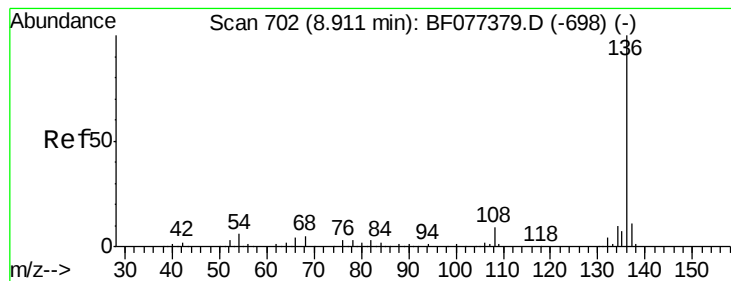
119 67.6 77.8 116.8#

201 0.0 90.6 136.0#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.83 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF077506.D

Acq: 27 Feb 2015 15:03

Instrument :

BNA_F

ClientSampleId :

RW-1

Tgt Ion: 136 Resp: 350239

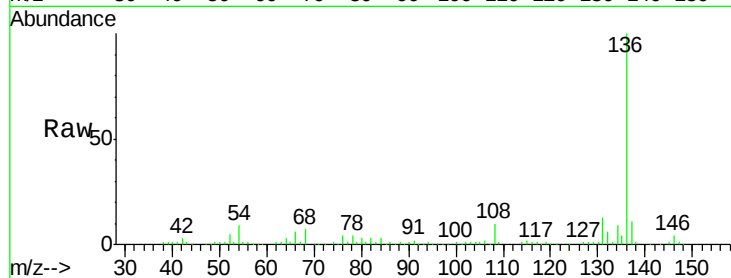
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 8.8 6.2 9.4

68 6.7 5.0 7.6

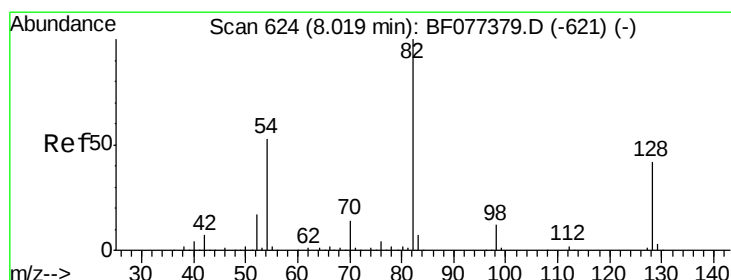
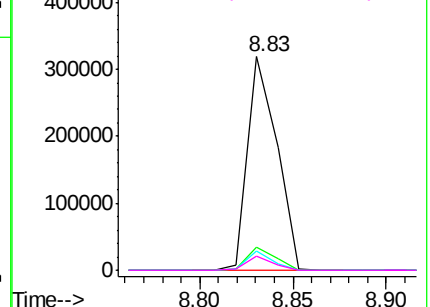
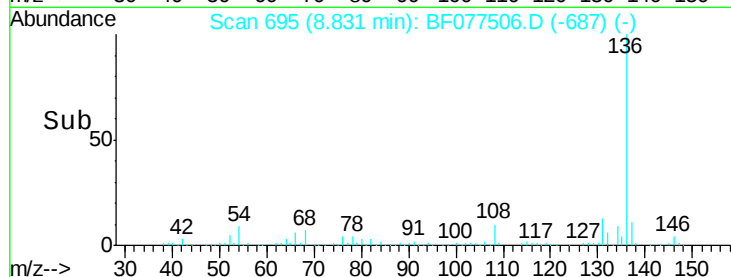


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.00 ng

RT: 7.95 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF077506.D

Acq: 27 Feb 2015 15:03

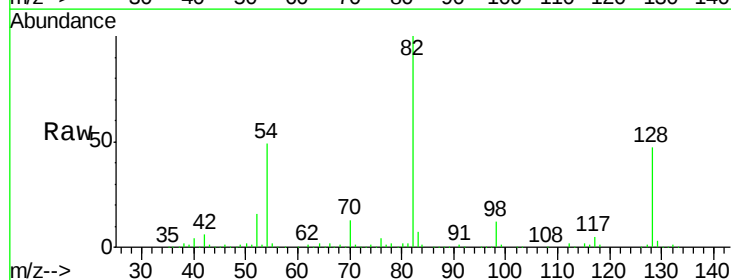
Tgt Ion: 82 Resp: 377356

Ion Ratio Lower Upper

82 100

128 47.0 43.8 65.8

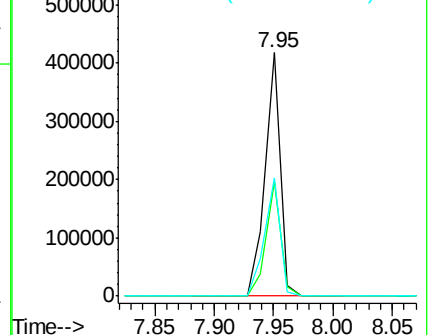
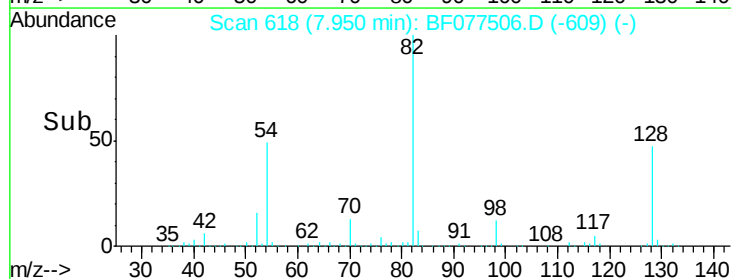
54 48.8 36.7 55.1

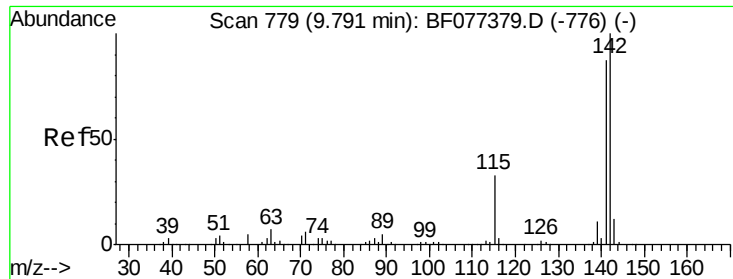


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

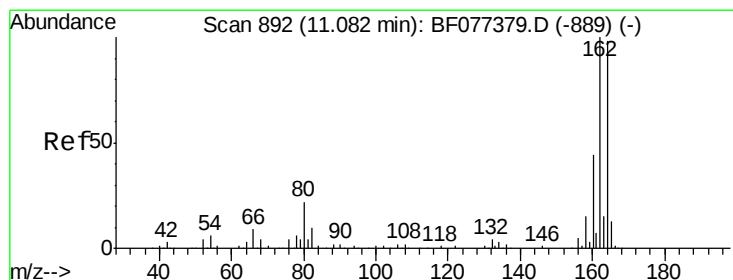
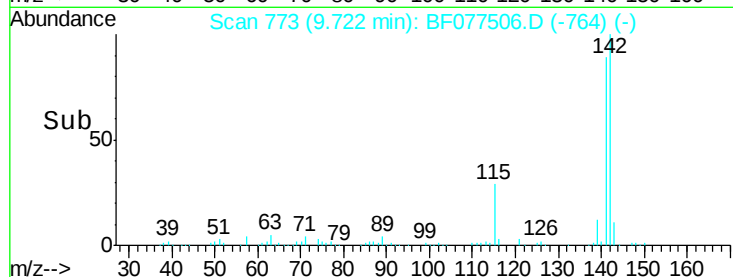
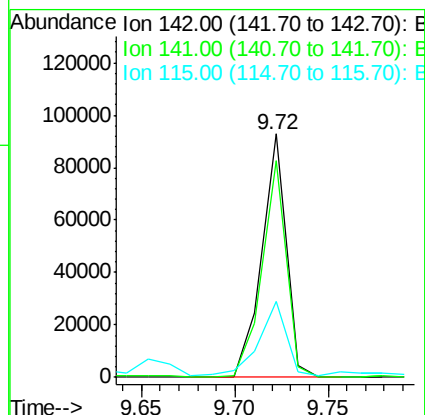
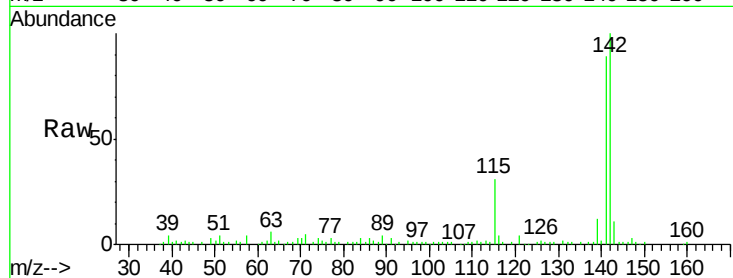




#37
2-Methylnaphthalene
Concen: 6.73 ng
RT: 9.72 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF077506.D
Acq: 27 Feb 2015 15:03

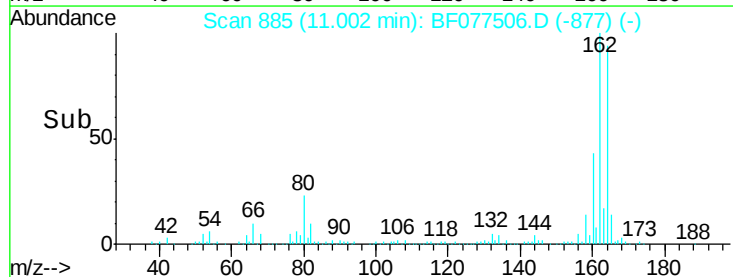
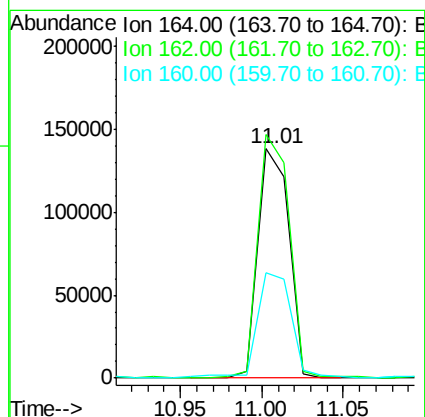
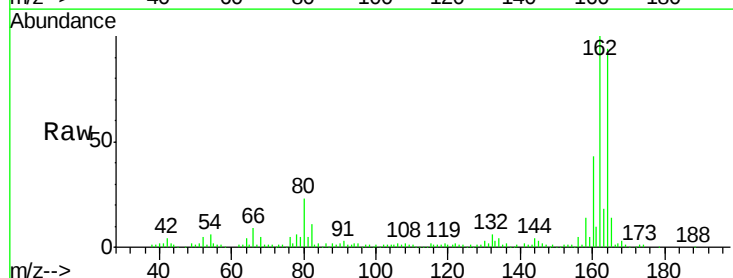
Instrument :
BNA_F
ClientSampleId :
RW-1

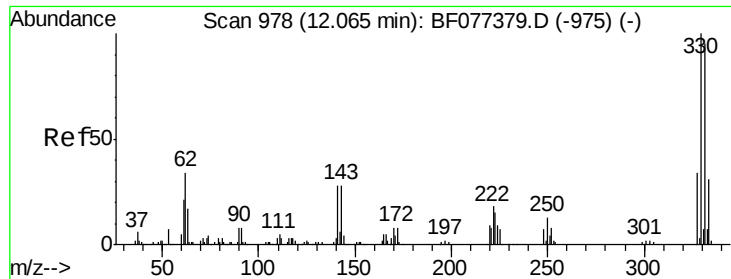
Tgt Ion:142 Resp: 83739
Ion Ratio Lower Upper
142 100
141 89.3 70.7 106.1
115 31.2 24.2 36.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.01 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF077506.D
Acq: 27 Feb 2015 15:03

Tgt Ion:164 Resp: 183921
Ion Ratio Lower Upper
164 100
162 106.2 83.2 124.8
160 45.8 34.6 52.0

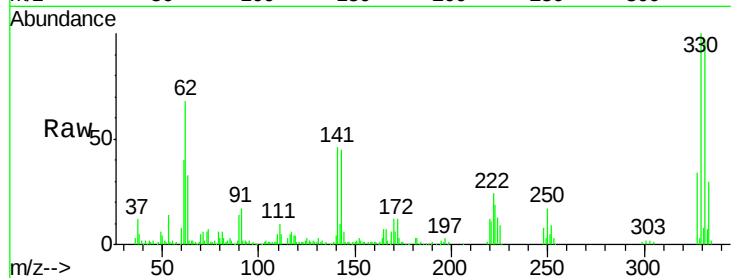




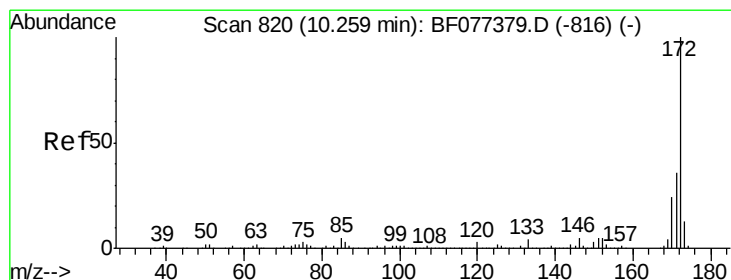
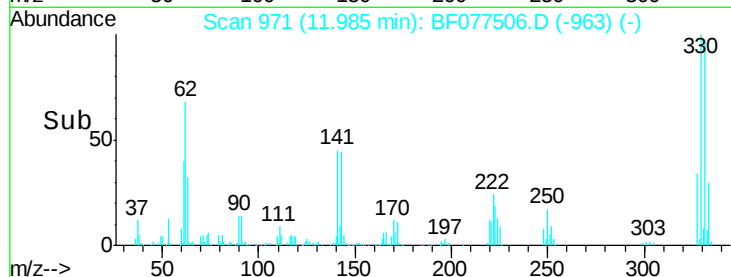
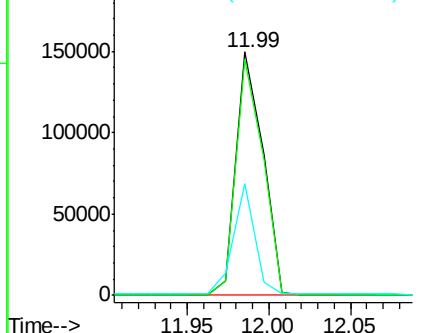
#41
 2,4,6-Tribromophenol
 Concen: 96.27 ng
 RT: 11.99 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: BF077506.D
 Acq: 27 Feb 2015 15:03

Instrument :
 BNA_F
 ClientSampleId :
 RW-1

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.2
141	36.3	28.8	43.2

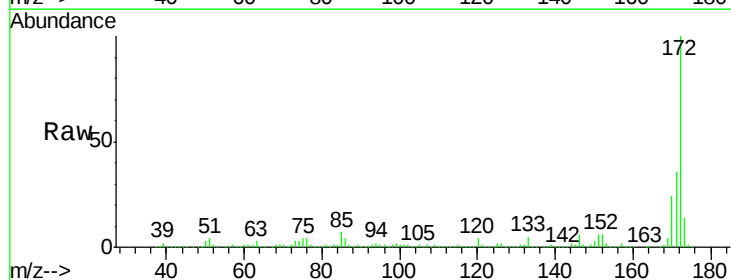


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

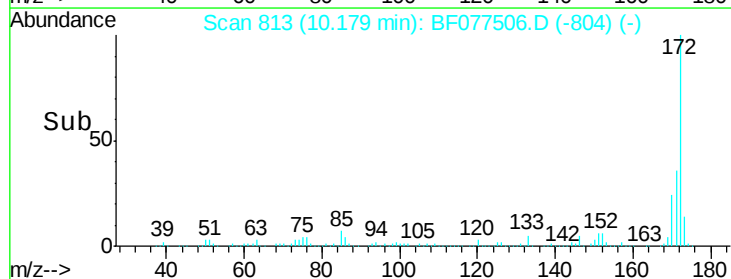
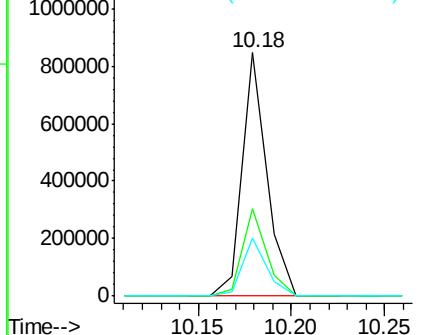


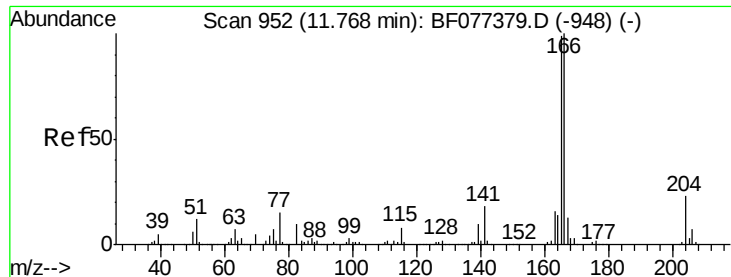
#44
 2-Fluorobiphenyl
 Concen: 65.96 ng
 RT: 10.18 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF077506.D
 Acq: 27 Feb 2015 15:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	23.7	19.4	29.2



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

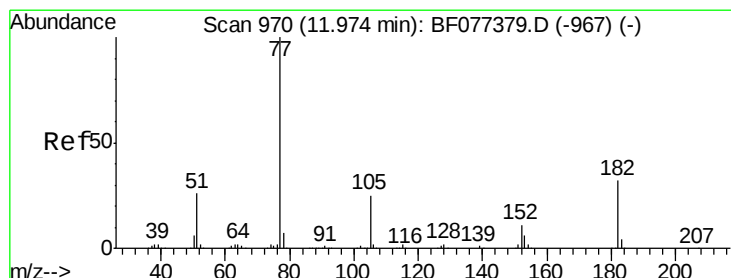
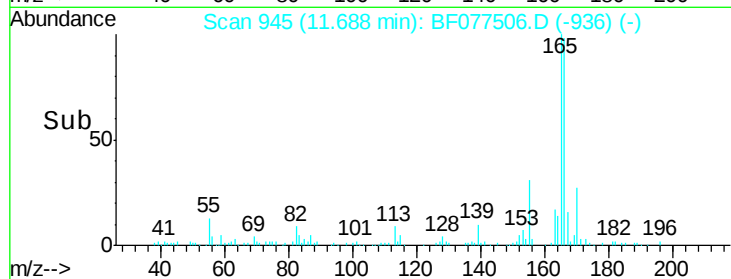
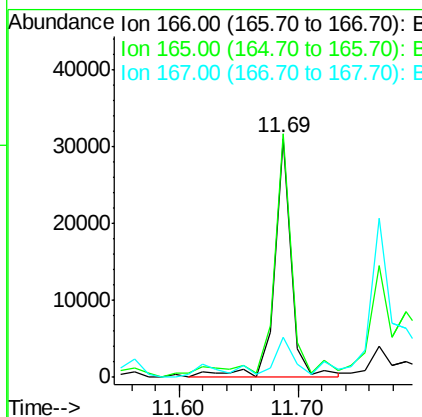
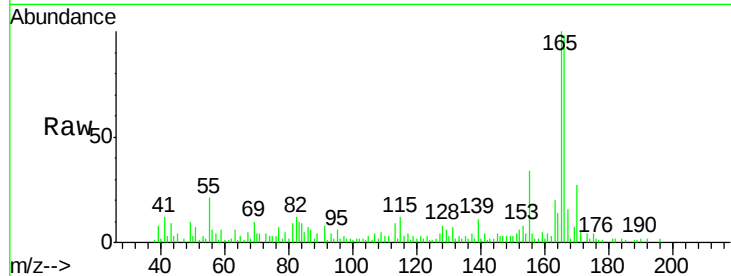




#57
Fluorene
 Concen: 2.43 ng
 RT: 11.69 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF077506.D
 Acq: 27 Feb 2015 15:03

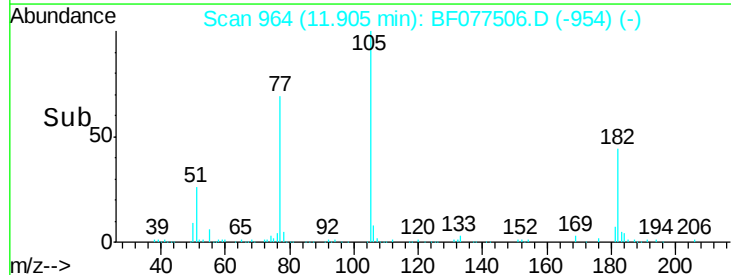
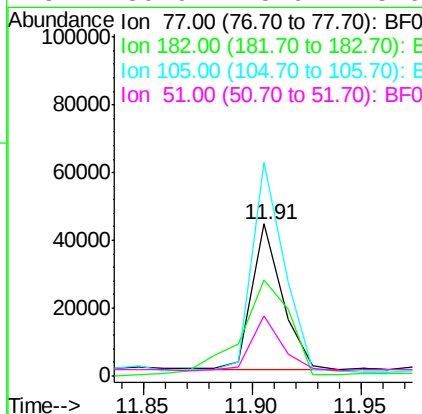
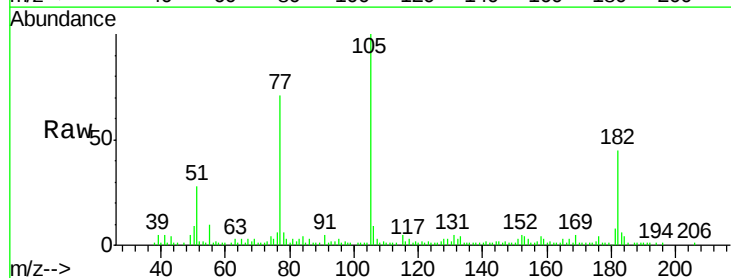
Instrument :
 BNA_F
 ClientSampleId :
 RW-1

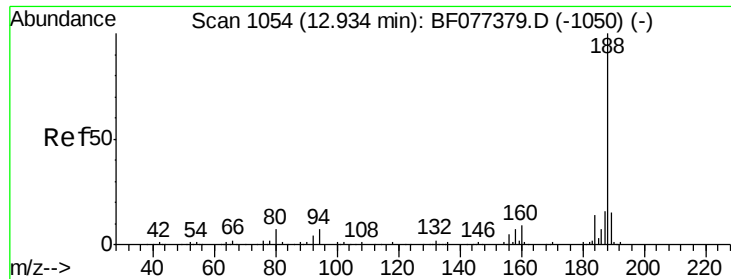
Tgt Ion:166 Resp: 31001
 Ion Ratio Lower Upper
 166 100
 165 101.9 77.6 116.4
 167 16.5 10.6 16.0#



#62
Azobenzene
 Concen: 3.44 ng
 RT: 11.91 min Scan# 964
 Delta R.T. 0.01 min
 Lab File: BF077506.D
 Acq: 27 Feb 2015 15:03

Tgt Ion: 77 Resp: 41617
 Ion Ratio Lower Upper
 77 100
 182 62.9 4.9 44.9#
 105 140.6 3.3 43.3#
 51 39.9 8.9 48.9

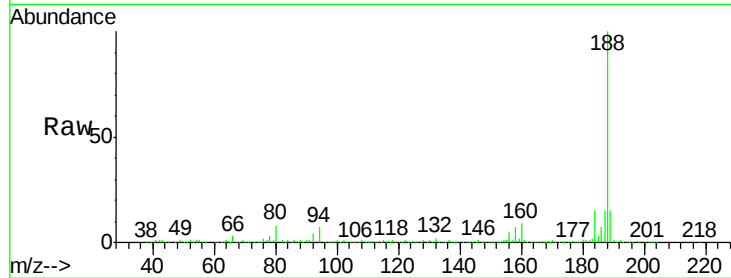




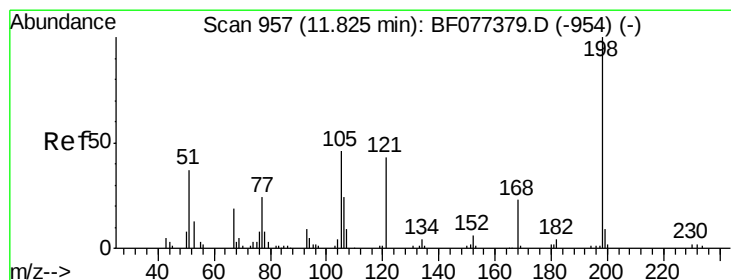
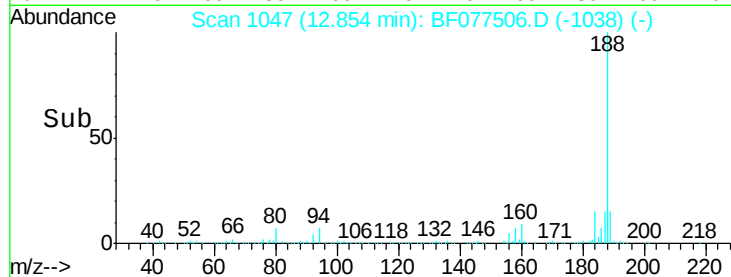
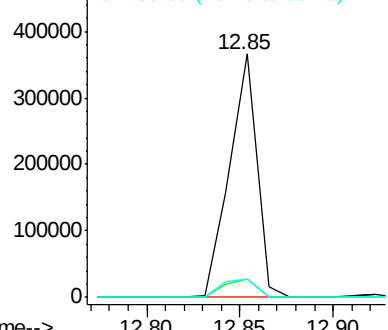
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.85 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF077506.D
Acq: 27 Feb 2015 15:03

Instrument :
BNA_F
ClientSampleId :
RW-1

Tgt Ion:188 Resp: 371869
Ion Ratio Lower Upper
188 100
94 7.4 7.4 11.2#
80 7.6 8.0 12.0#

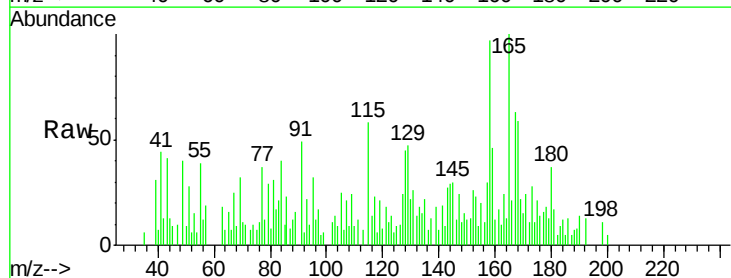


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

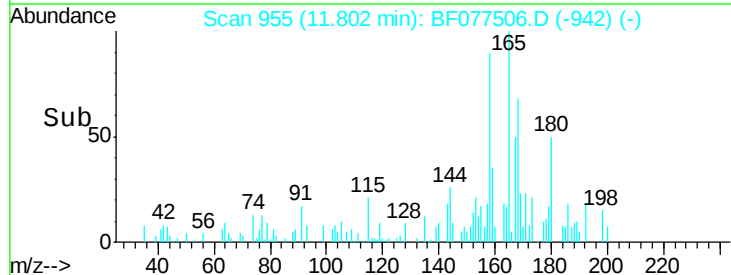
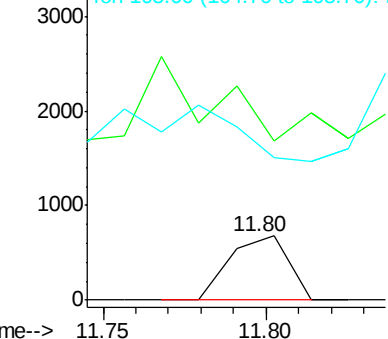


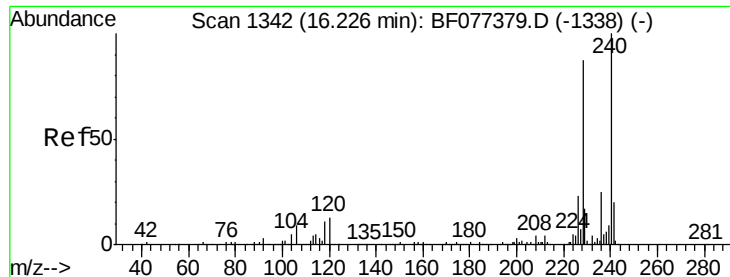
#64
4,6-Dinitro-2-methylphenol
Concen: 4.24 ng
RT: 11.80 min Scan# 955
Delta R.T. 0.04 min
Lab File: BF077506.D
Acq: 27 Feb 2015 15:03

Tgt Ion:198 Resp: 843
Ion Ratio Lower Upper
198 100
51 248.8 2.7 42.7#
105 222.7 10.0 50.0#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.14 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF077506.D

Acq: 27 Feb 2015 15:03

Instrument :

BNA_F

ClientSampled :

RW-1

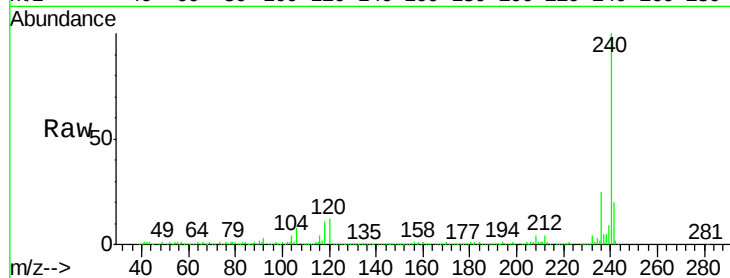
Tgt Ion:240 Resp: 401178

Ion Ratio Lower Upper

240 100

120 12.2 8.8 13.2

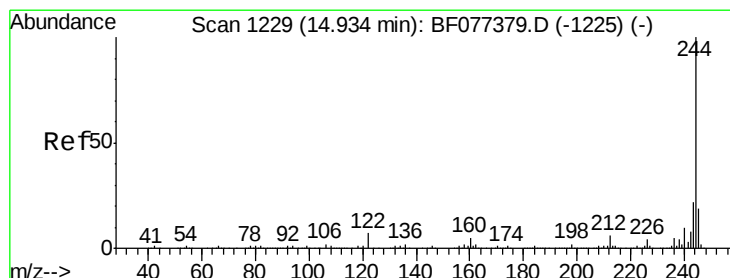
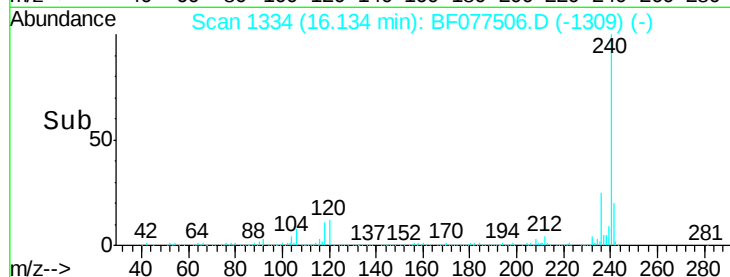
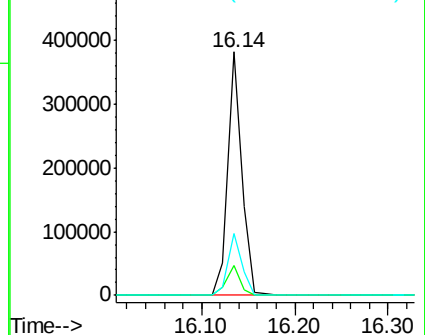
236 25.3 20.7 31.1



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: 52.86 ng

RT: 14.85 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BF077506.D

Acq: 27 Feb 2015 15:03

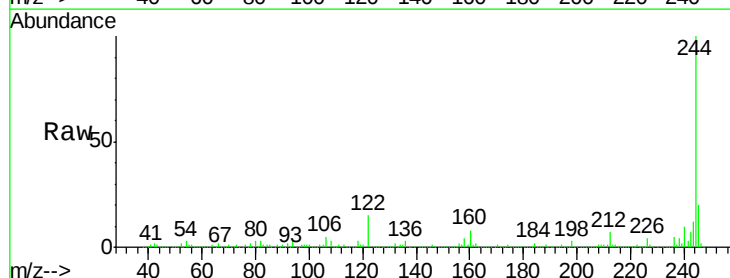
Tgt Ion:244 Resp: 907186

Ion Ratio Lower Upper

244 100

212 7.1 5.2 7.8

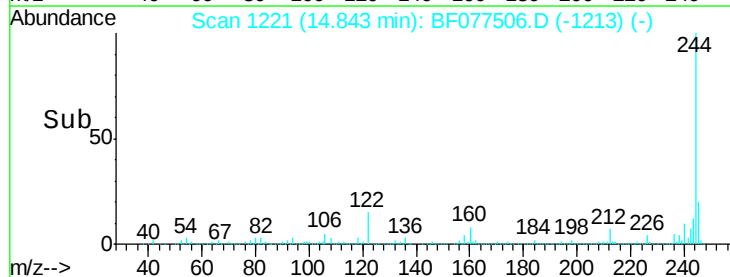
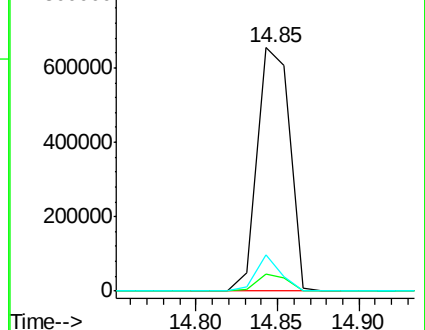
122 14.7 7.8 11.8#

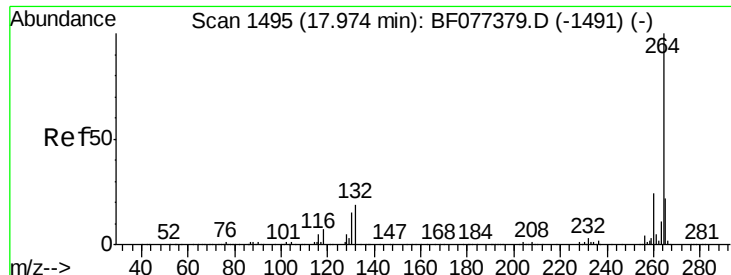


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.86 min Scan# 1485
Delta R.T. -0.05 min
Lab File: BF077506.D
Acq: 27 Feb 2015 15:03

Instrument :
BNA_F
ClientSampleId :
RW-1

Tgt Ion: 264 Resp: 427446
Ion Ratio Lower Upper
264 100
260 23.2 19.3 28.9
265 21.0 16.8 25.2

