

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
 Data File : BF077610.D
 Acq On : 5 Mar 2015 7:21
 Operator : TP/IZ
 Sample : G1332-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2

Quant Time: Mar 05 08:13:22 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 13:27:09 2015
 Response via : Initial Calibration

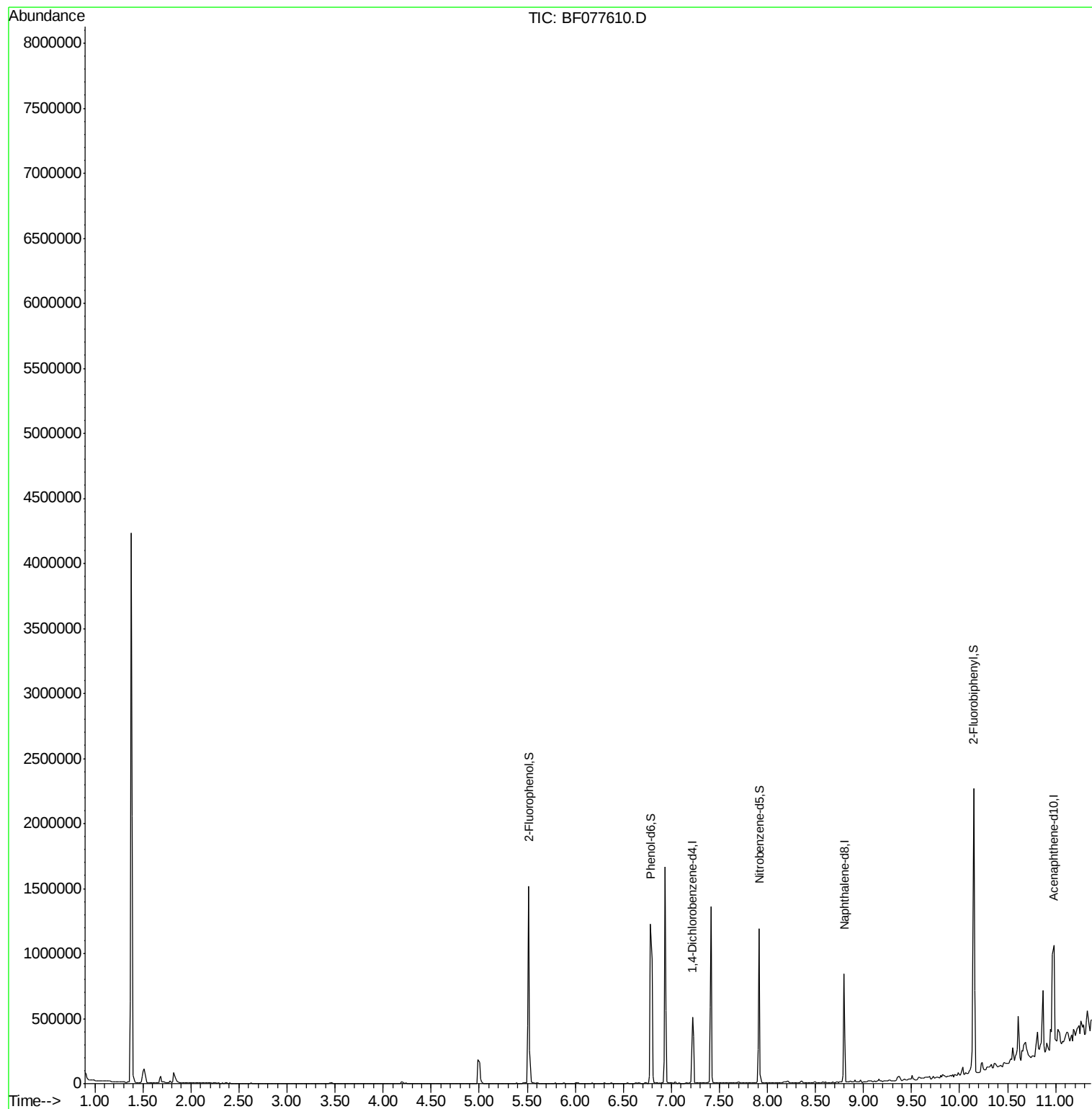
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	100989	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	402749	20.00	ng	0.00
38) Acenaphthene-d10	10.97	164	203605	20.00	ng	0.00
63) Phenanthrene-d10	12.82	188	382277	20.00	ng	0.00
75) Chrysene-d12	16.13	240	332521	20.00	ng	0.02
86) Perylene-d12	17.91	264	296340	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	456102	75.40	ng	0.00
7) Phenol-d6	6.79	99	583015	74.96	ng	0.00
23) Nitrobenzene-d5	7.91	82	357605	55.21	ng	0.00
41) 2,4,6-Tribromophenol	11.96	330	140606	71.72	ng	0.00
44) 2-Fluorobiphenyl	10.15	172	717393	54.94	ng	0.00
78) Terphenyl-d14	14.83	244	683988	48.09	ng	0.02
Target Compounds						
64) 4,6-Dinitro-2-methylphenol	11.75	198	994	4.31	ng	# 1
65) n-Nitrosodiphenylamine	11.81	169	28597	2.25	ng	# 41
70) Phenanthrene	12.85	178	95299	4.30	ng	# 78
77) Pyrene	14.61	202	43065	2.12	ng	# 63

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

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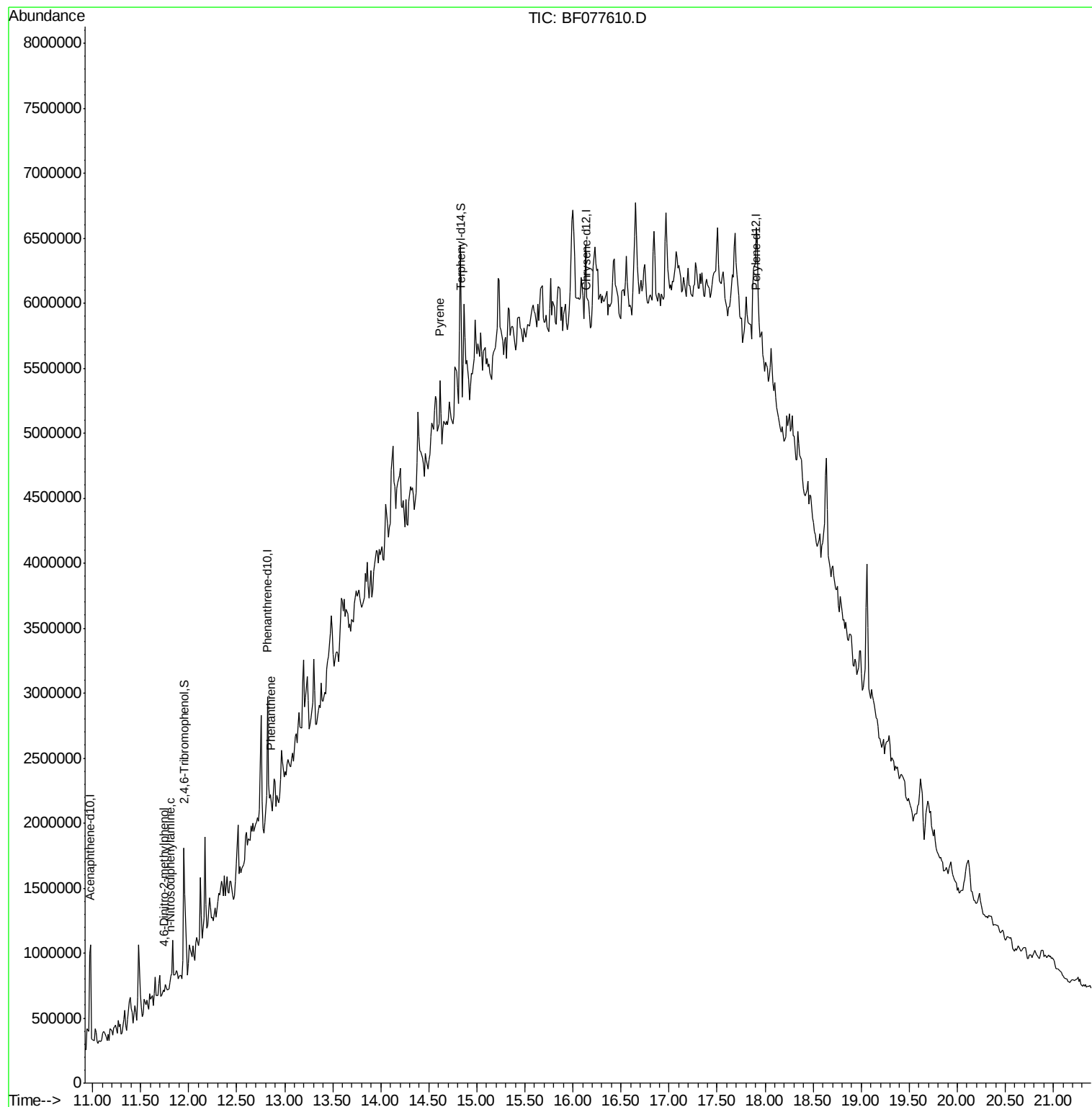
Quant Time: Mar 05 08:13:22 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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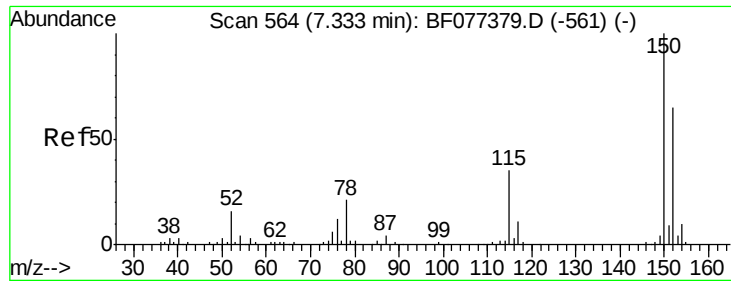


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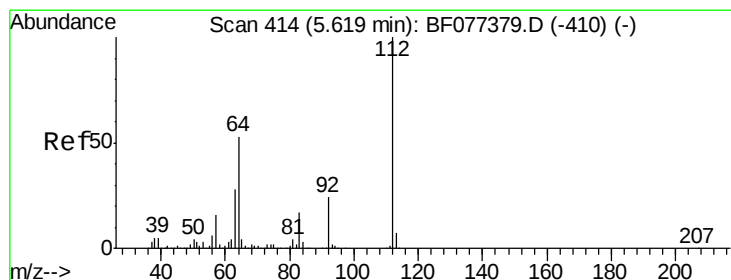
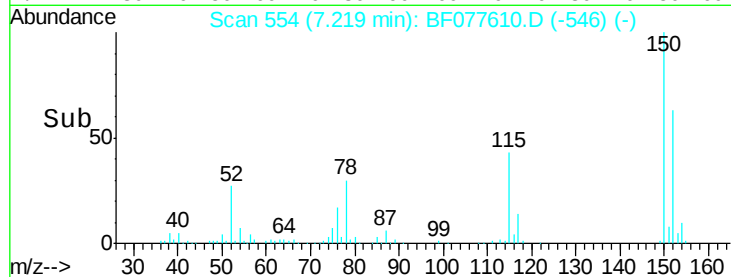
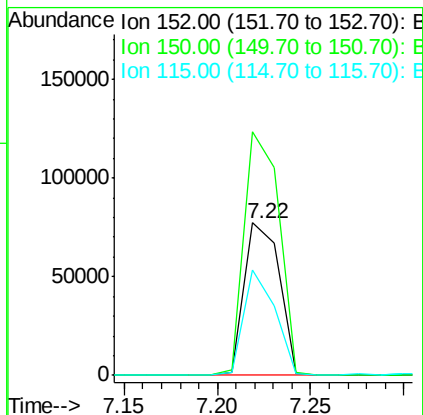
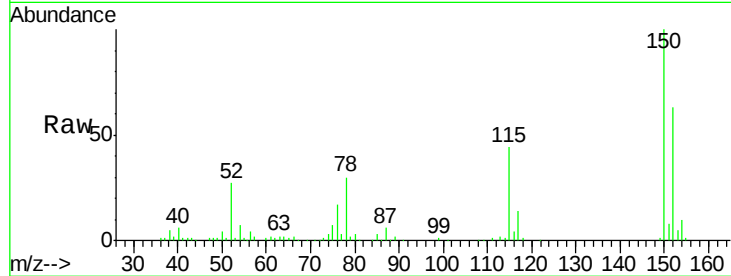


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.22 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF077610.D
Acq: 5 Mar 2015 7:21

Instrument :
BNA_F
ClientSampleId :
VMA-2

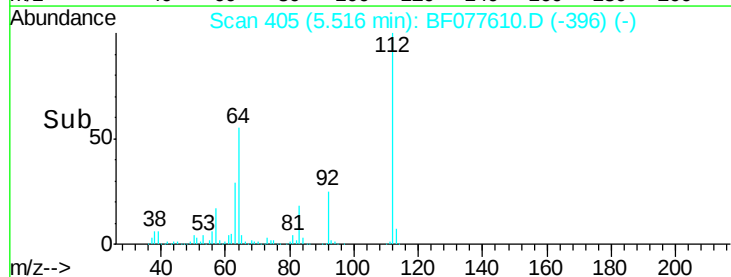
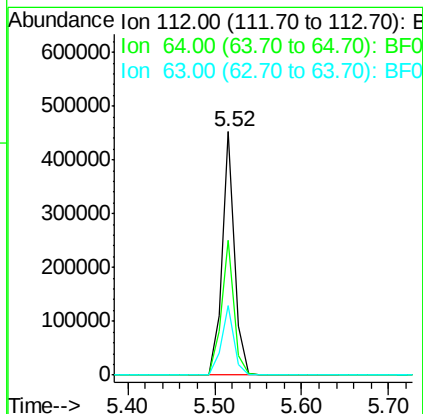
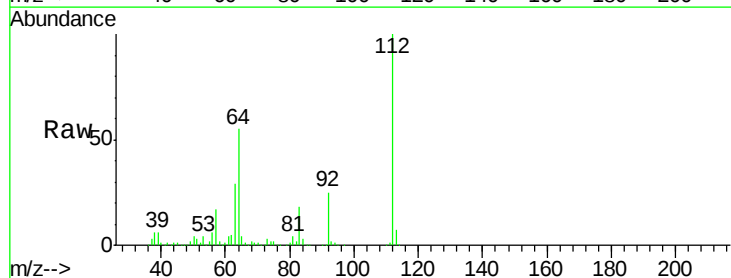
Tgt Ion:152 Resp: 100989
Ion Ratio Lower Upper
152 100
150 159.6 124.0 186.0
115 69.5 49.4 74.2

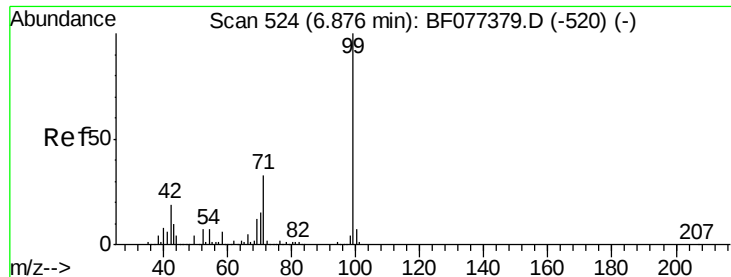


#5

2-Fluorophenol
Concen: 75.40 ng
RT: 5.52 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF077610.D
Acq: 5 Mar 2015 7:21

Tgt Ion:112 Resp: 456102
Ion Ratio Lower Upper
112 100
64 55.5 48.5 72.7
63 28.6 25.0 37.4





#7

Phenol-d6

Concen: 74.96 ng

RT: 6.79 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF077610.D

Acq: 5 Mar 2015 7:21

Instrument :

BNA_F

ClientSampleId :

VMA-2

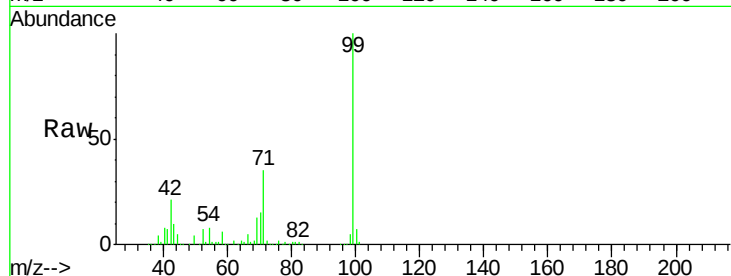
Tgt Ion: 99 Resp: 583015

Ion Ratio Lower Upper

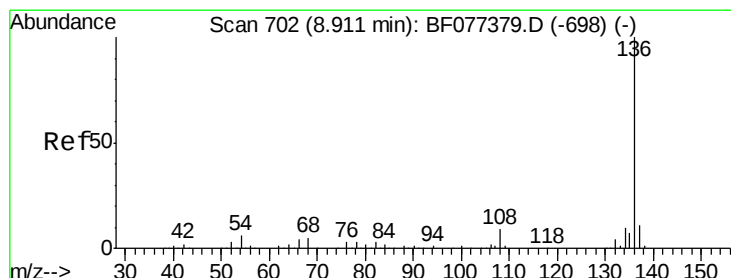
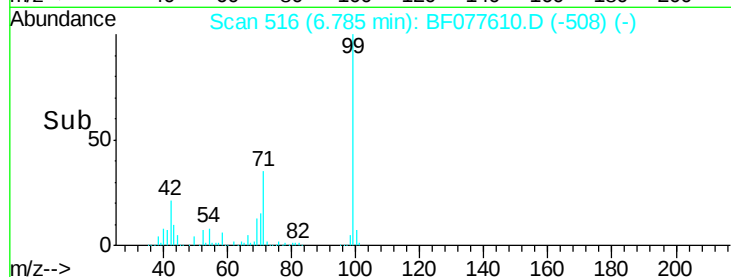
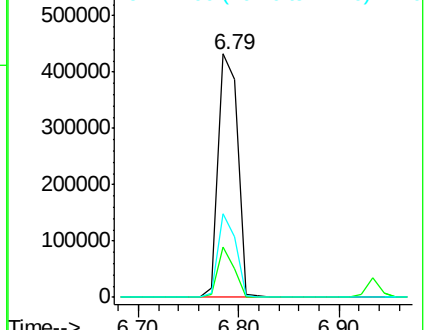
99 100

42 20.5 16.2 24.4

71 34.5 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.80 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF077610.D

Acq: 5 Mar 2015 7:21

Tgt Ion: 136 Resp: 402749

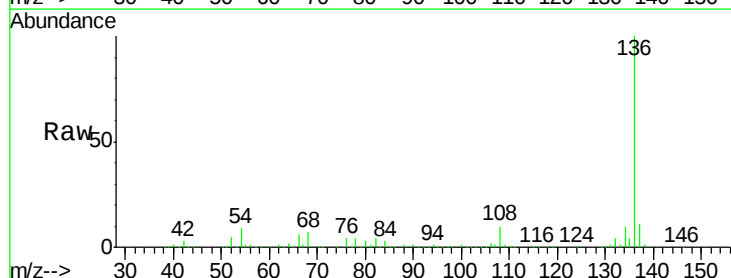
Ion Ratio Lower Upper

136 100

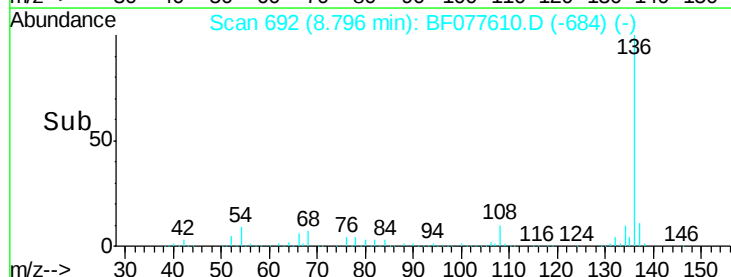
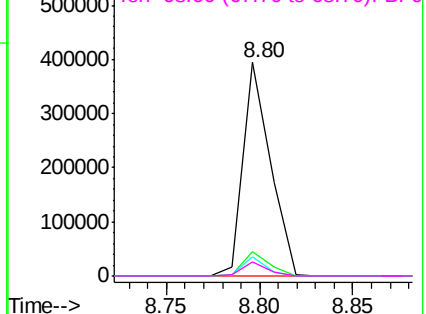
137 11.5 8.6 13.0

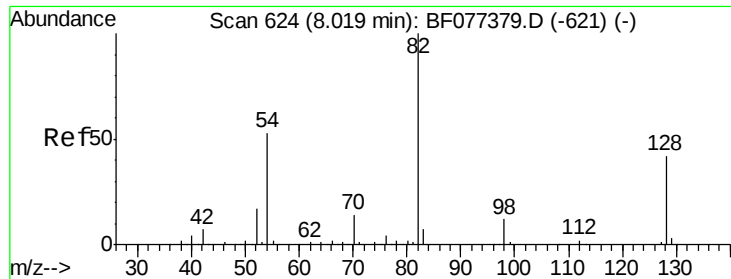
54 8.7 6.2 9.4

68 6.8 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

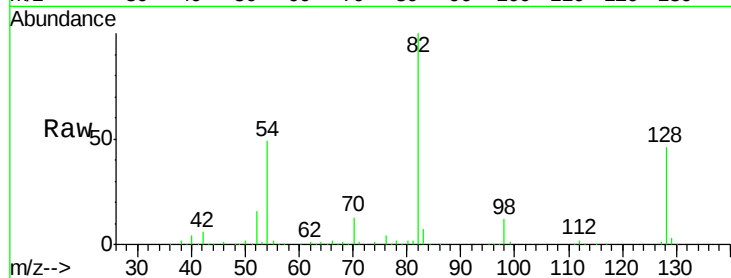




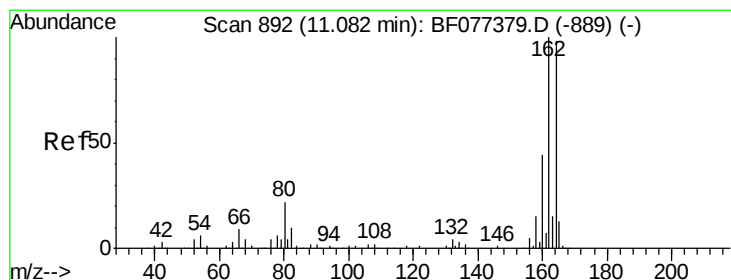
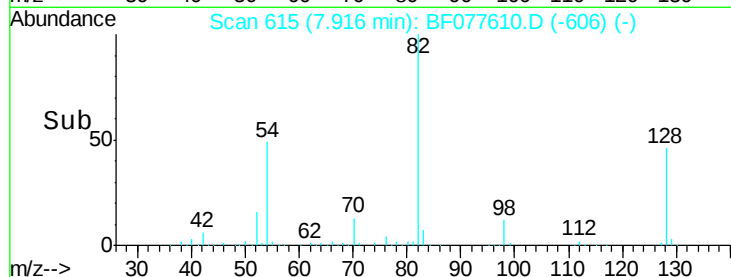
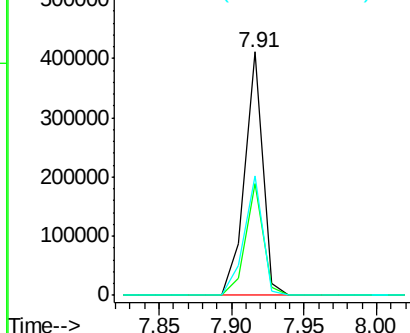
#23
 Nitrobenzene-d5
 Concen: 55.21 ng
 RT: 7.91 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF077610.D
 Acq: 5 Mar 2015 7:21

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.0	43.8	65.8
54	49.0	36.7	55.1

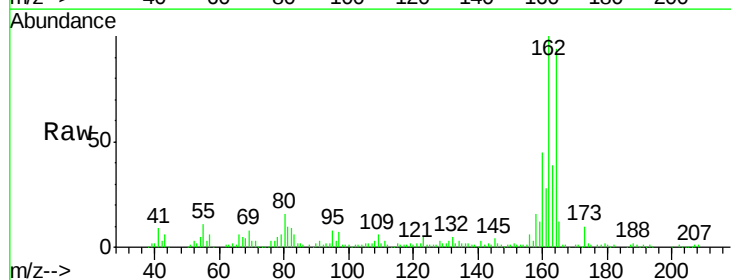


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

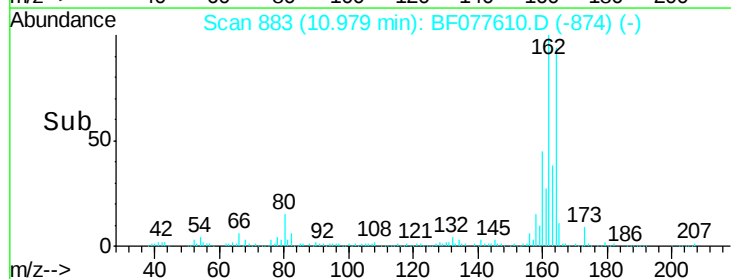
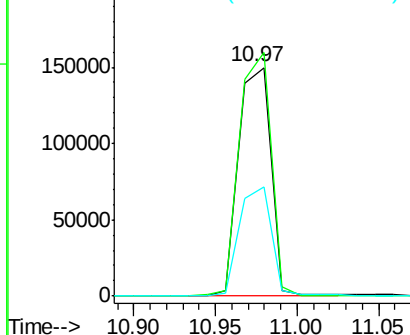


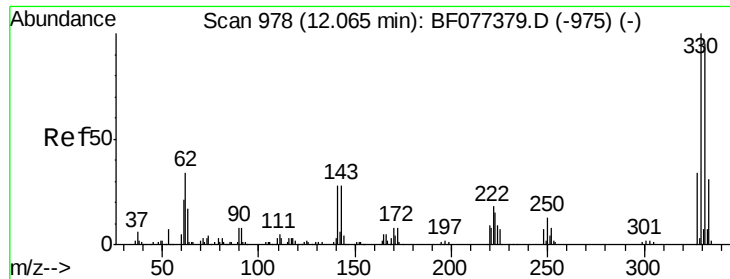
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.97 min Scan# 883
 Delta R.T. -0.00 min
 Lab File: BF077610.D
 Acq: 5 Mar 2015 7:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.5	83.2	124.8
160	47.7	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

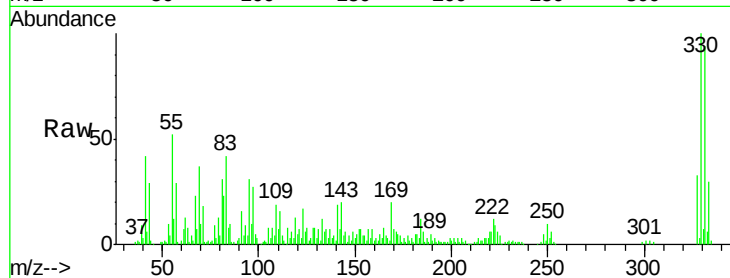




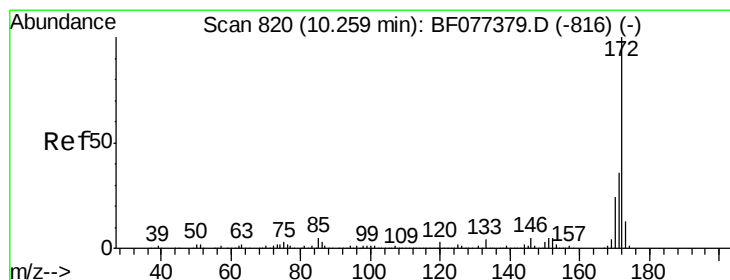
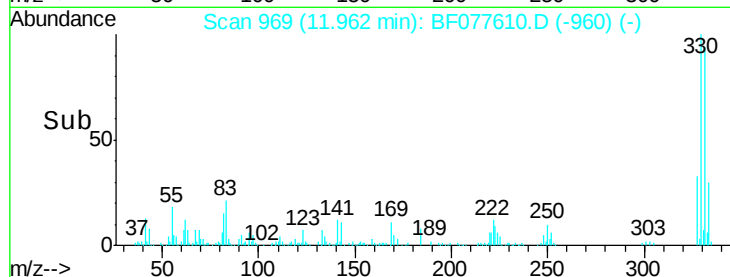
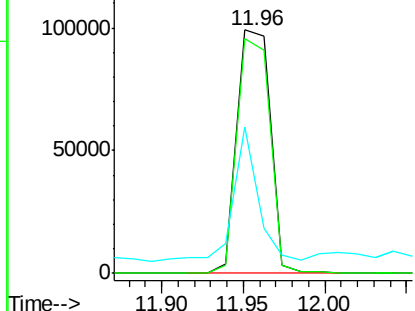
#41
 2,4,6-Tribromophenol
 Concen: 71.72 ng
 RT: 11.96 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF077610.D
 Acq: 5 Mar 2015 7:21

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2

Tgt Ion:330 Resp: 140606
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.4 116.2
 141 40.9 28.8 43.2

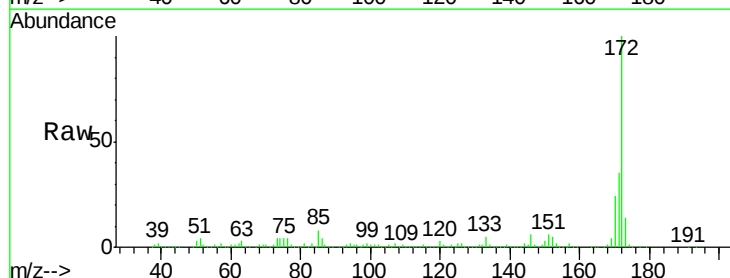


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

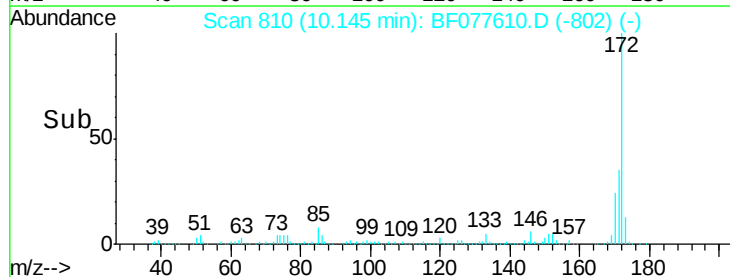
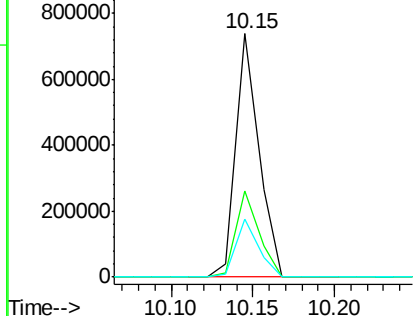


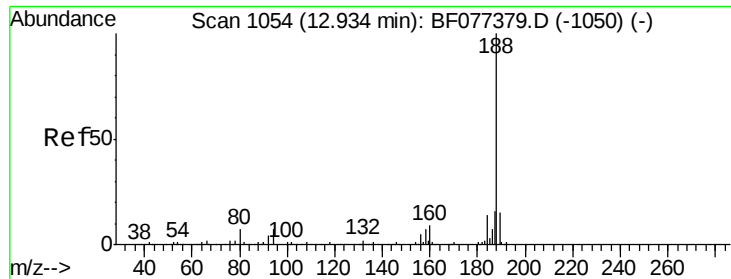
#44
 2-Fluorobiphenyl
 Concen: 54.94 ng
 RT: 10.15 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF077610.D
 Acq: 5 Mar 2015 7:21

Tgt Ion:172 Resp: 717393
 Ion Ratio Lower Upper
 172 100
 171 35.4 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

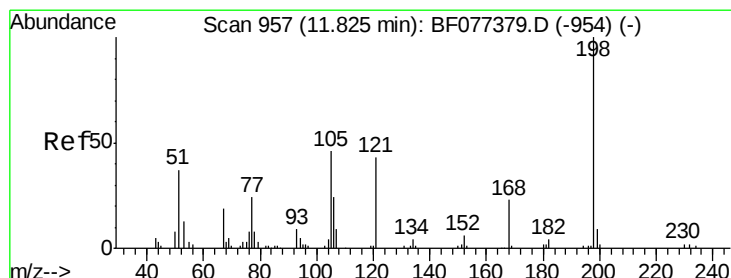
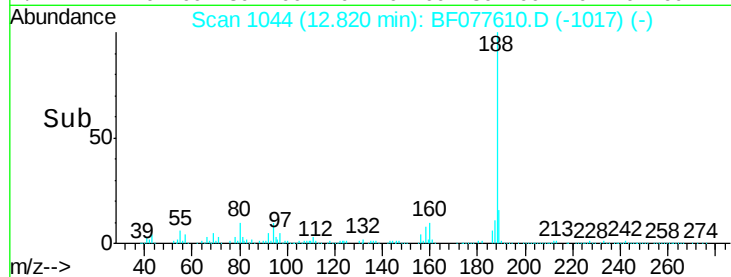
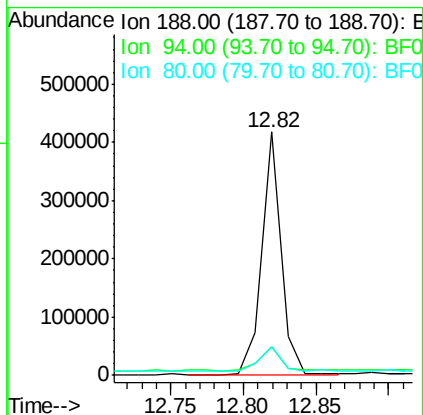
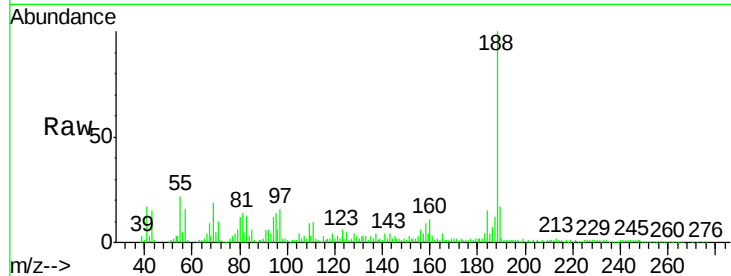




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.82 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF077610.D
Acq: 5 Mar 2015 7:21

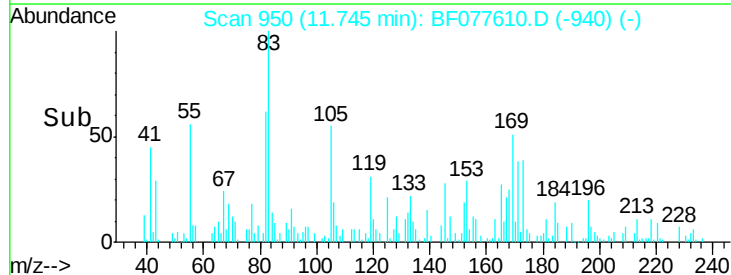
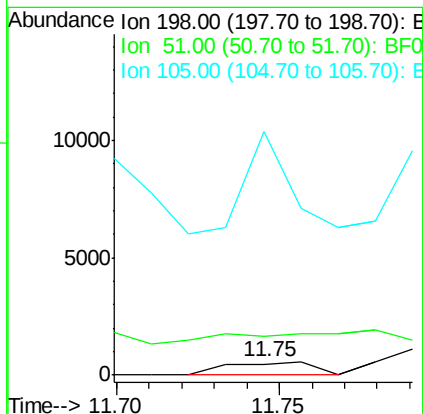
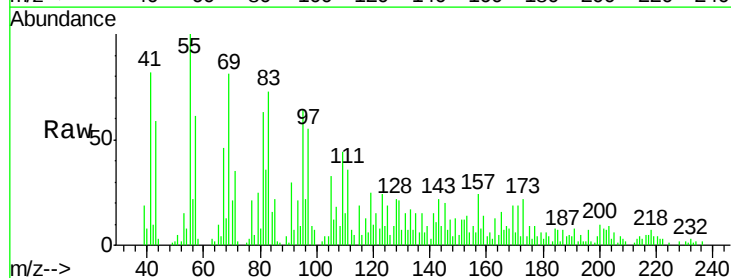
Instrument :
BNA_F
ClientSampled :
VMA-2

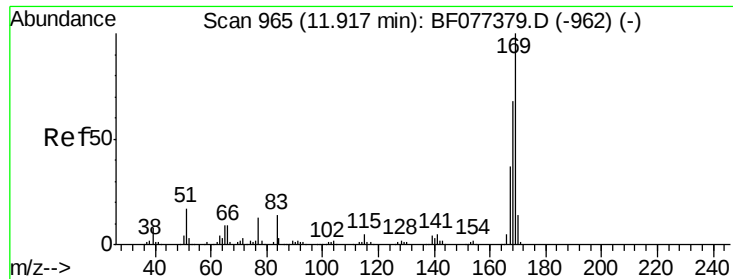
Tgt Ion:188 Resp: 382277
Ion Ratio Lower Upper
188 100
94 11.6 7.4 11.2#
80 12.0 8.0 12.0



#64
4,6-Dinitro-2-methylphenol
Concen: 4.31 ng
RT: 11.75 min Scan# 950
Delta R.T. 0.02 min
Lab File: BF077610.D
Acq: 5 Mar 2015 7:21

Tgt Ion:198 Resp: 994
Ion Ratio Lower Upper
198 100
51 377.7 2.7 42.7#
105 2359.1 10.0 50.0#





#65

n-Nitrosodiphenylamine

Concen: 2.25 ng

RT: 11.81 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF077610.D

Acq: 5 Mar 2015 7:21

Instrument :

BNA_F

ClientSampleId :

VMA-2

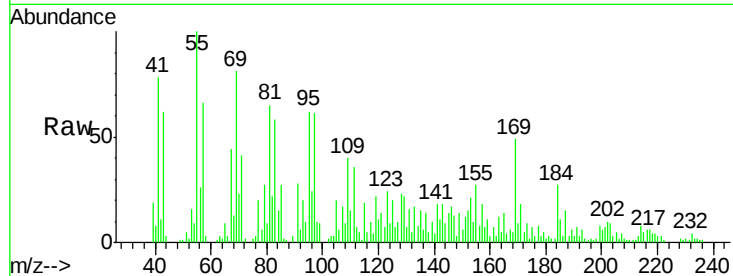
Tgt Ion:169 Resp: 28597

Ion Ratio Lower Upper

169 100

168 11.1 53.0 79.6#

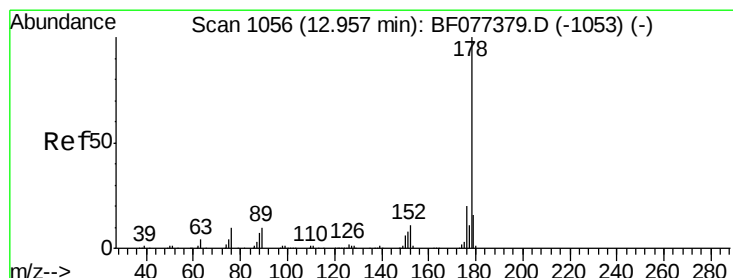
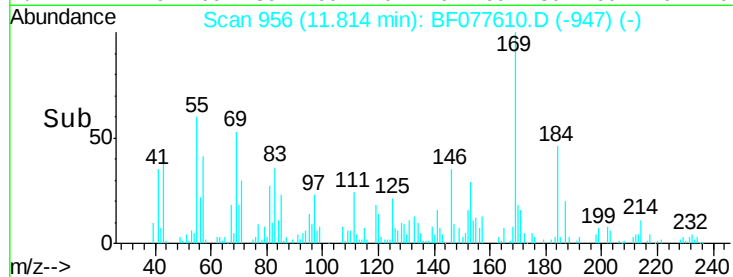
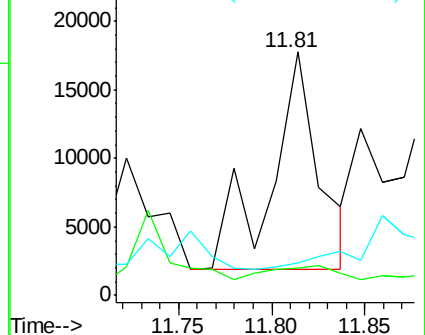
167 13.3 29.5 44.3#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 4.30 ng

RT: 12.85 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF077610.D

Acq: 5 Mar 2015 7:21

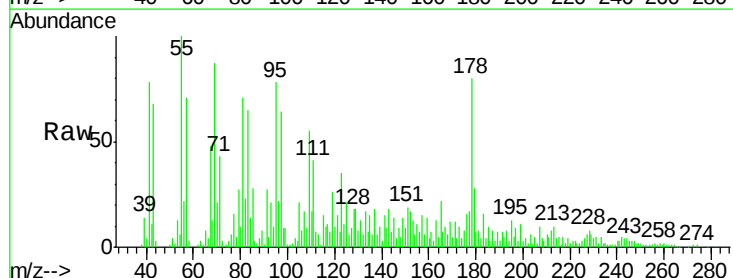
Tgt Ion:178 Resp: 95299

Ion Ratio Lower Upper

178 100

176 20.2 15.5 23.3

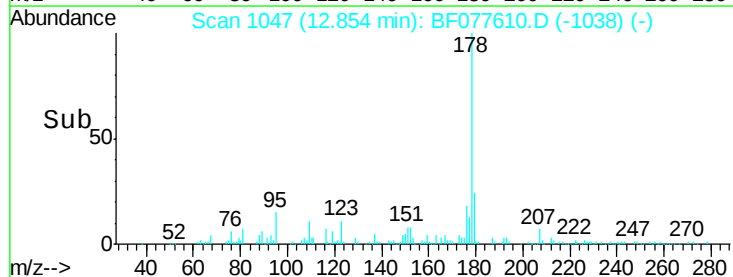
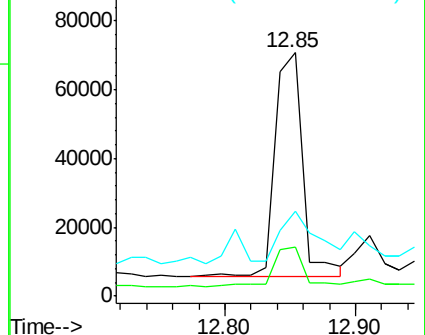
179 34.9 12.2 18.2#

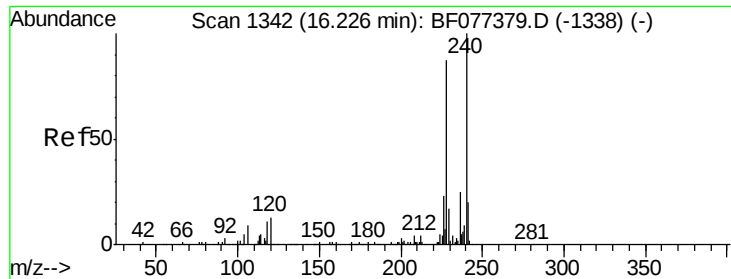


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.13 min Scan# 1334

Delta R.T. 0.02 min

Lab File: BF077610.D

Acq: 5 Mar 2015 7:21

Instrument :

BNA_F

ClientSampleId :

VMA-2

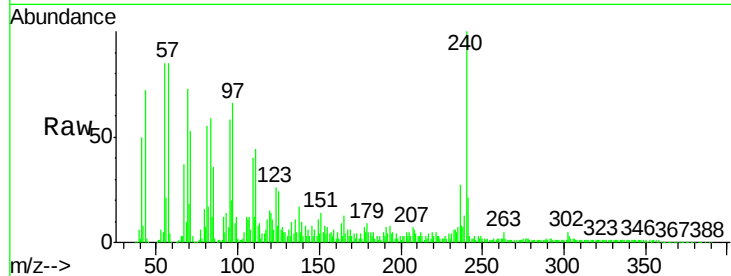
Tgt Ion:240 Resp: 332521

Ion Ratio Lower Upper

240 100

120 14.4 8.8 13.2#

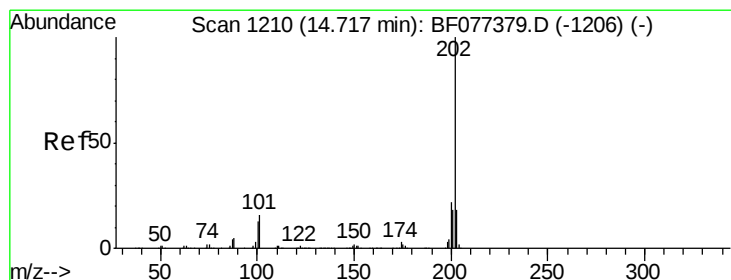
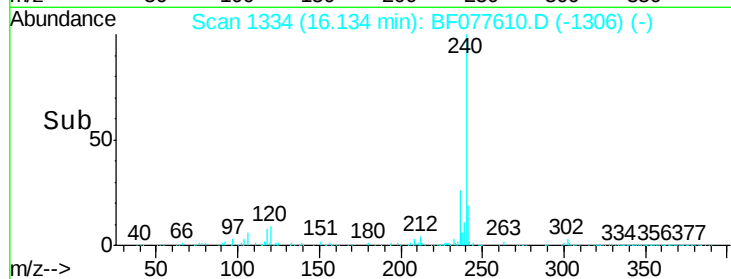
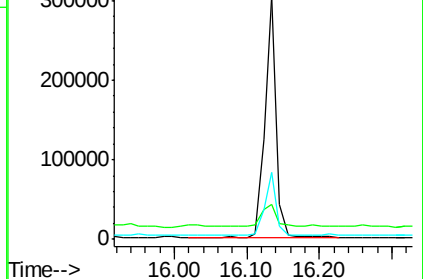
236 27.5 20.7 31.1



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



#77

Pyrene

Concen: 2.12 ng

RT: 14.61 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BF077610.D

Acq: 5 Mar 2015 7:21

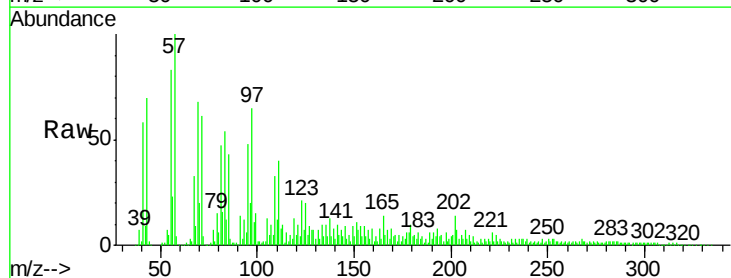
Tgt Ion:202 Resp: 43065

Ion Ratio Lower Upper

202 100

200 25.7 17.1 25.7#

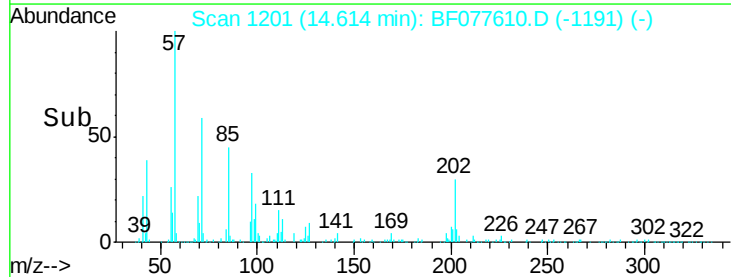
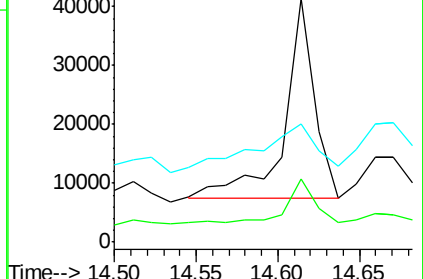
203 48.8 14.2 21.2#

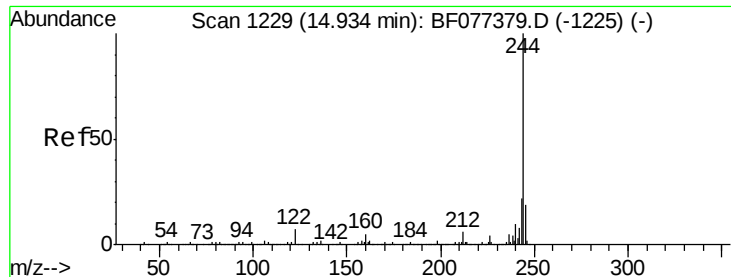


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

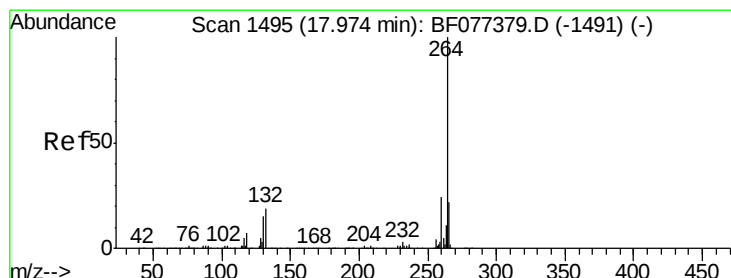
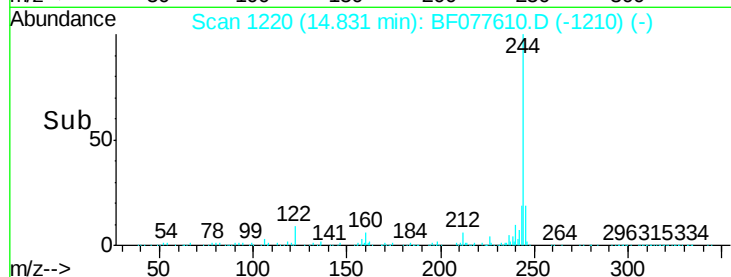
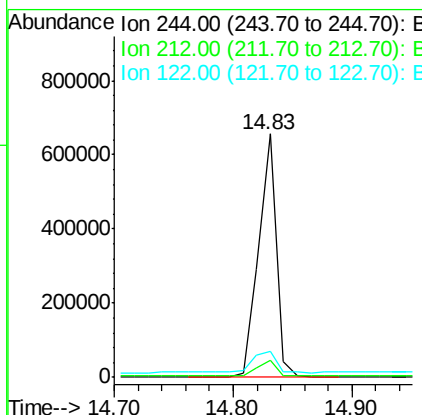
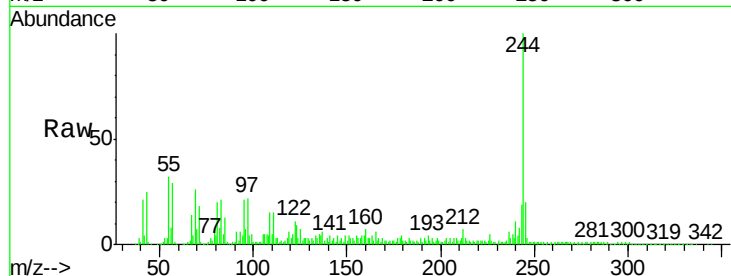




#78
 Terphenyl-d14
 Concen: 48.09 ng
 RT: 14.83 min Scan# 1220
 Delta R.T. 0.02 min
 Lab File: BF077610.D
 Acq: 5 Mar 2015 7:21

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2

Tgt Ion:244 Resp: 683988
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.2 7.8
 122 10.7 7.8 11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.91 min Scan# 1489
 Delta R.T. 0.05 min
 Lab File: BF077610.D
 Acq: 5 Mar 2015 7:21

Tgt Ion:264 Resp: 296340
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.3 28.9
 265 22.9 16.8 25.2

