

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
 Data File : BF077572.D
 Acq On : 4 Mar 2015 4:48
 Operator : TP/IZ
 Sample : G1332-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2

Quant Time: Mar 04 08:01:10 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 04:46:40 2015
 Response via : Initial Calibration

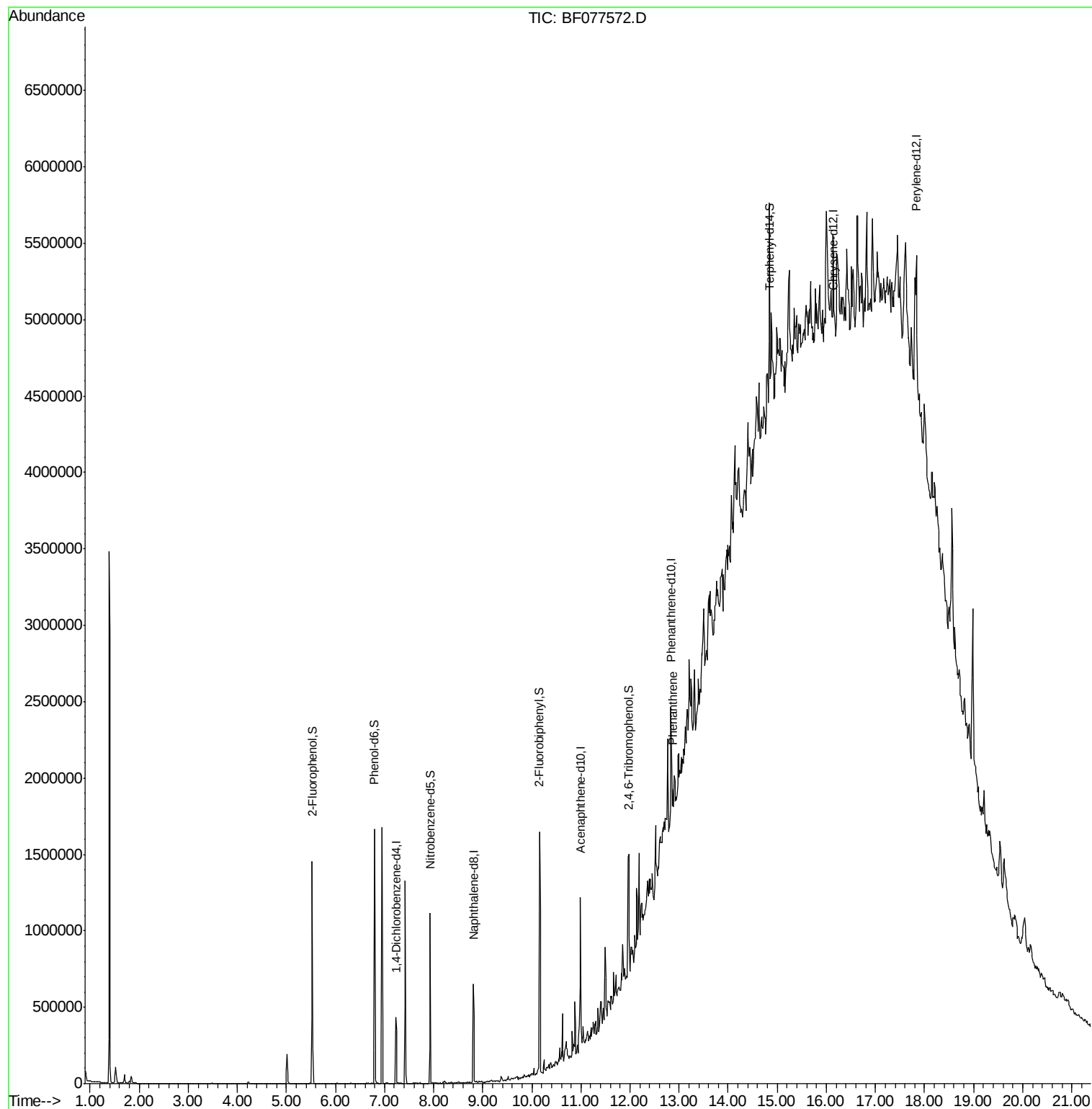
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	92285	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	375470	20.00	ng	0.00
38) Acenaphthene-d10	10.99	164	197712	20.00	ng	0.00
63) Phenanthrene-d10	12.83	188	355515	20.00	ng	0.00
75) Chrysene-d12	16.14	240	333034	20.00	ng	0.02
86) Perylene-d12	17.84	264	326705	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	435495	78.78	ng	0.00
7) Phenol-d6	6.80	99	544612	76.63	ng	0.00
23) Nitrobenzene-d5	7.93	82	334586	55.41	ng	0.00
41) 2,4,6-Tribromophenol	11.97	330	139211	73.13	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	662390	52.24	ng	0.00
78) Terphenyl-d14	14.84	244	645828	45.33	ng	0.01
Target Compounds						
70) Phenanthrene	12.86	178	81993	3.98	ng	Qvalue # 88

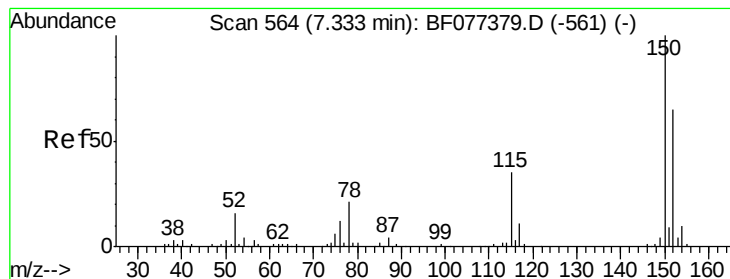
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 04 08:01:10 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.24 min Scan# 556

Delta R.T. -0.00 min

Lab File: BF077572.D

Acq: 4 Mar 2015 4:48

Instrument :

BNA_F

ClientSampleId :

VMA-2

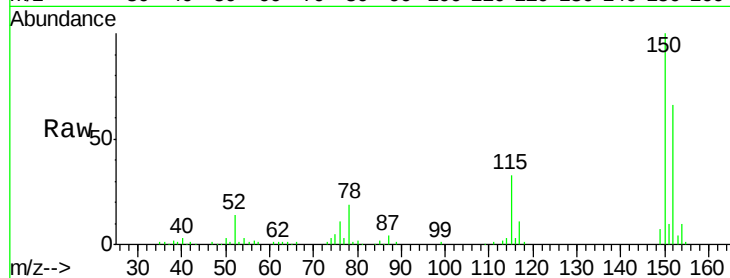
Tgt Ion:152 Resp: 92285

Ion Ratio Lower Upper

152 100

150 152.5 124.0 186.0

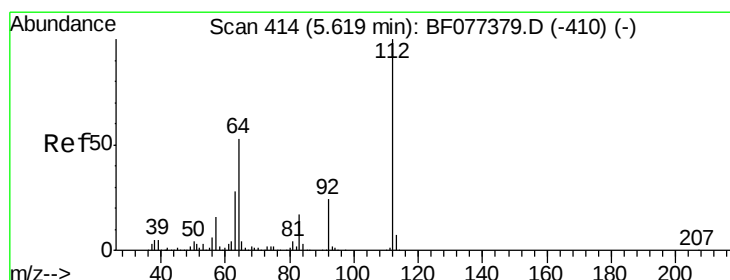
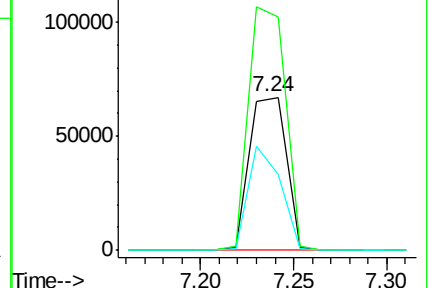
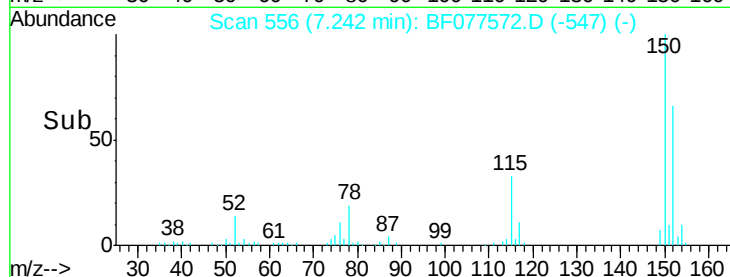
115 49.6 49.4 74.2



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: 78.78 ng

RT: 5.53 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF077572.D

Acq: 4 Mar 2015 4:48

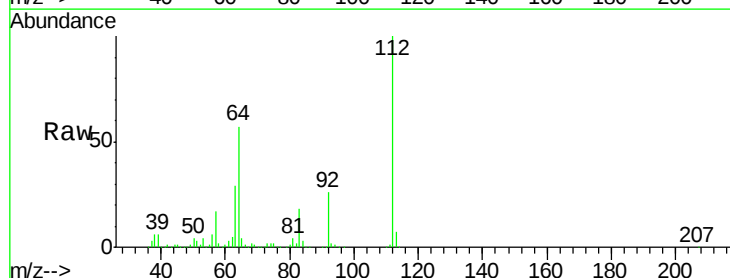
Tgt Ion:112 Resp: 435495

Ion Ratio Lower Upper

112 100

64 56.8 48.5 72.7

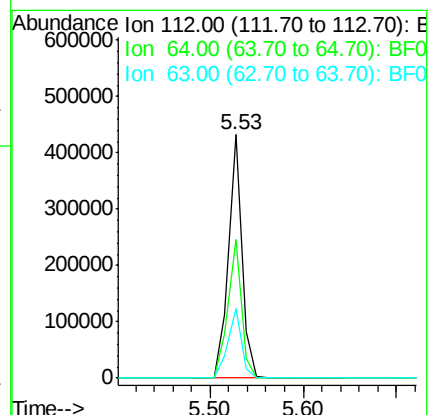
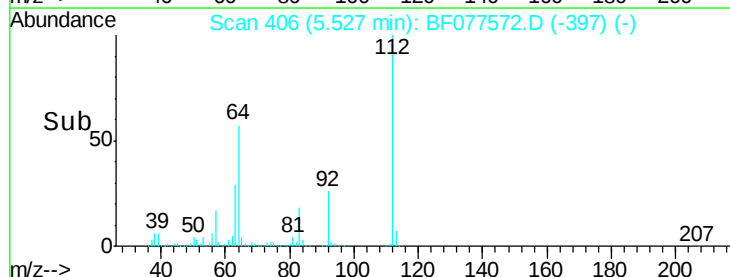
63 28.7 25.0 37.4



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: 76.63 ng

RT: 6.80 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF077572.D

Acq: 4 Mar 2015 4:48

Instrument :

BNA_F

ClientSampleId :

VMA-2

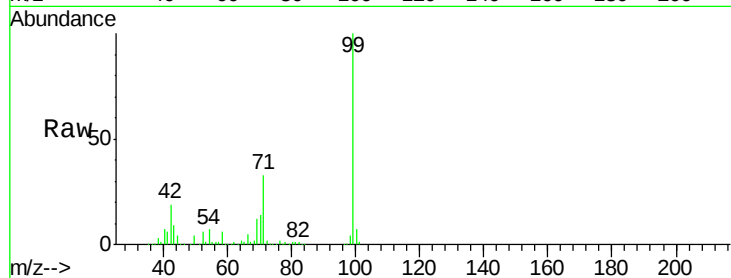
Tgt Ion: 99 Resp: 544612

Ion Ratio Lower Upper

99 100

42 19.0 16.2 24.4

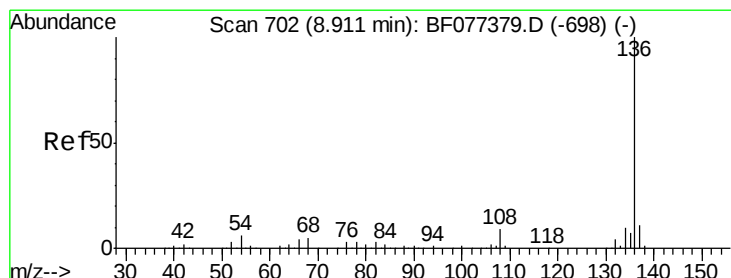
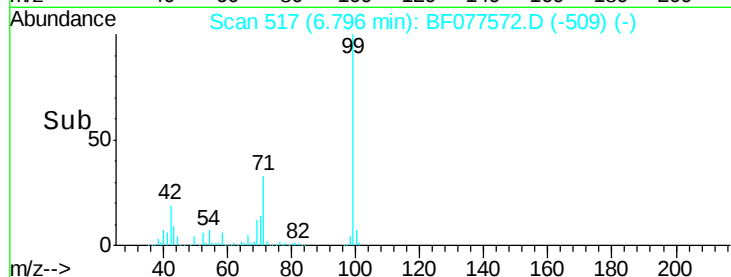
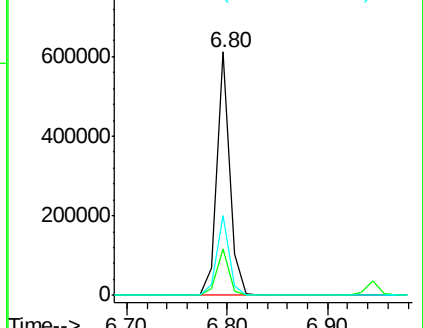
71 32.7 26.7 40.1



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: 8.81 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF077572.D

Acq: 4 Mar 2015 4:48

Tgt Ion: 136 Resp: 375470

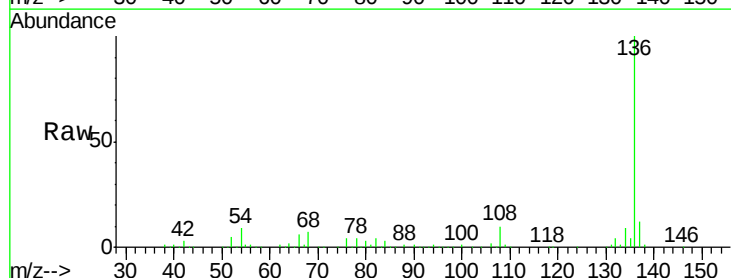
Ion Ratio Lower Upper

136 100

137 11.6 8.6 13.0

54 9.1 6.2 9.4

68 6.9 5.0 7.6

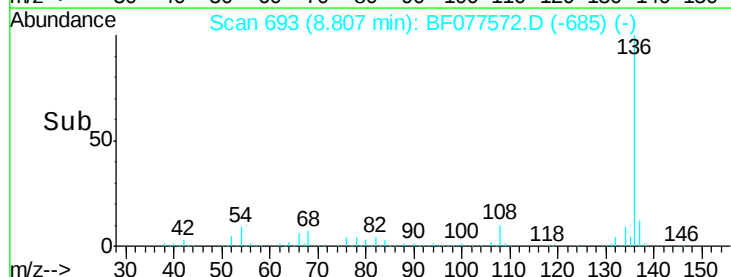
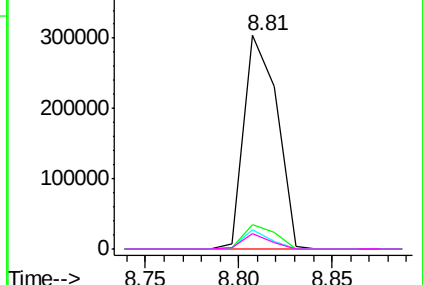


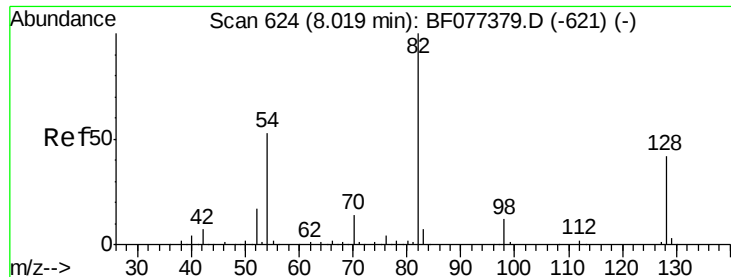
Abundance Ion 136.00 (135.70 to 136.70): E

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

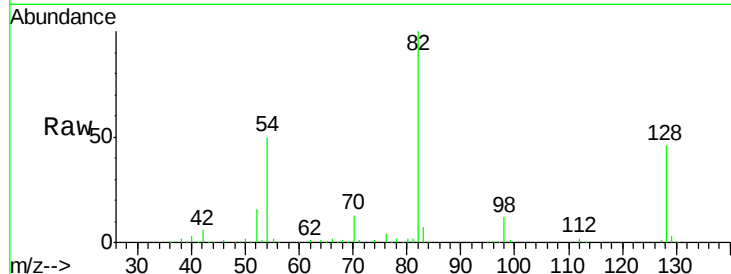




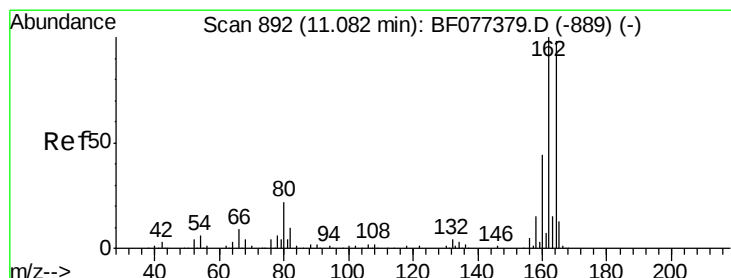
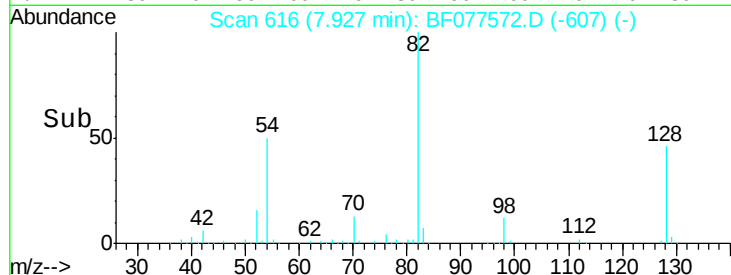
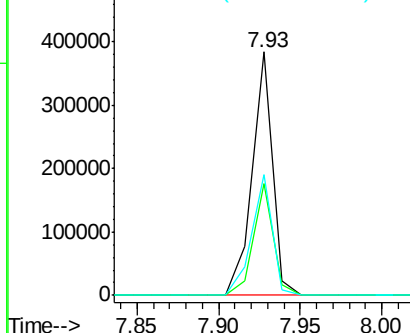
#23
 Nitrobenzene-d5
 Concen: 55.41 ng
 RT: 7.93 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF077572.D
 Acq: 4 Mar 2015 4:48

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2

Tgt Ion: 82 Resp: 334586
 Ion Ratio Lower Upper
 82 100
 128 45.9 43.8 65.8
 54 49.8 36.7 55.1

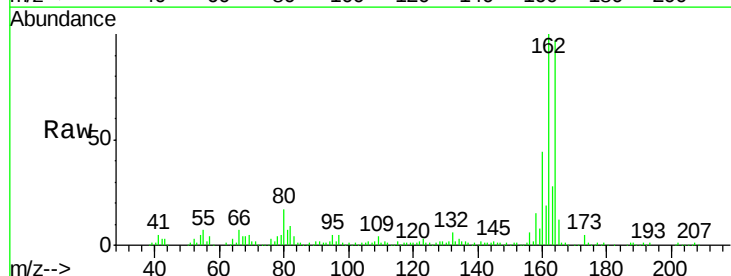


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

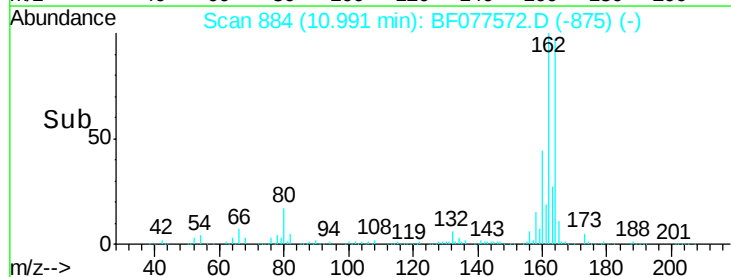
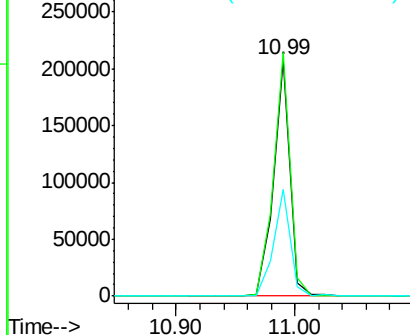


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BF077572.D
 Acq: 4 Mar 2015 4:48

Tgt Ion: 164 Resp: 197712
 Ion Ratio Lower Upper
 164 100
 162 103.0 83.2 124.8
 160 44.9 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

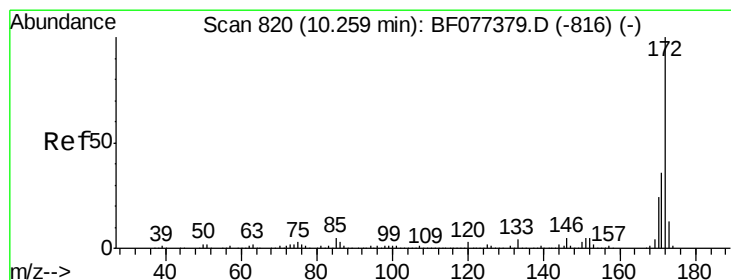
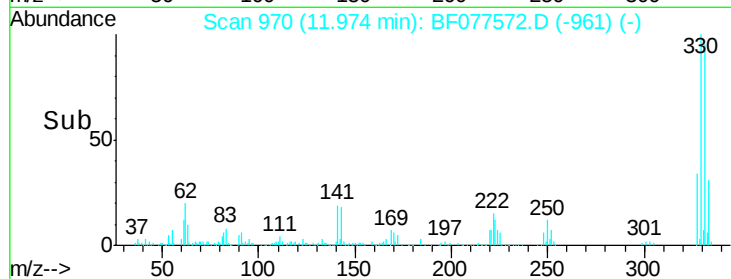
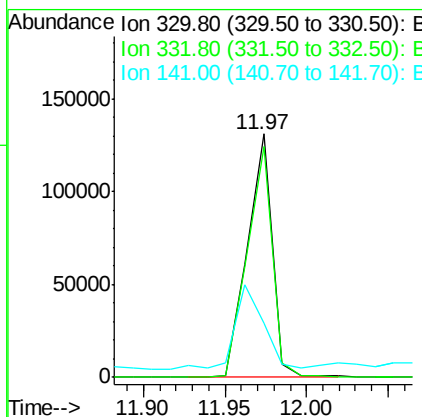
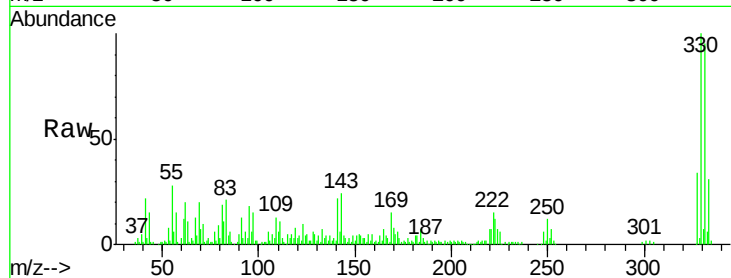




#41
 2,4,6-Tribromophenol
 Concen: 73.13 ng
 RT: 11.97 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BF077572.D
 Acq: 4 Mar 2015 4:48

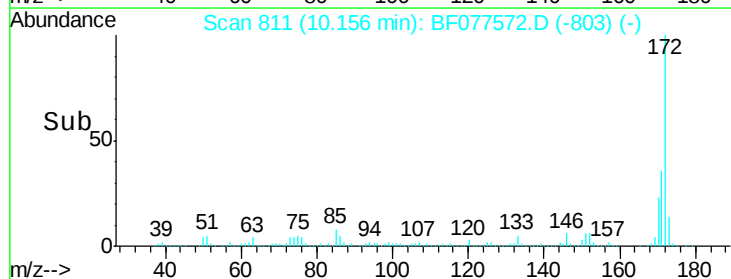
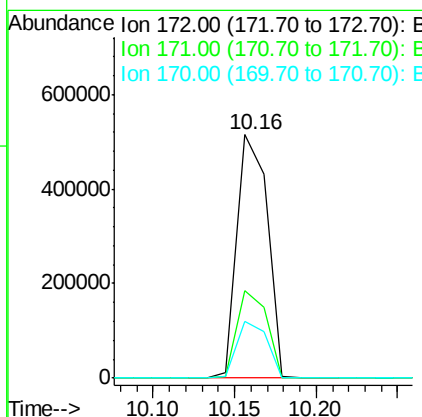
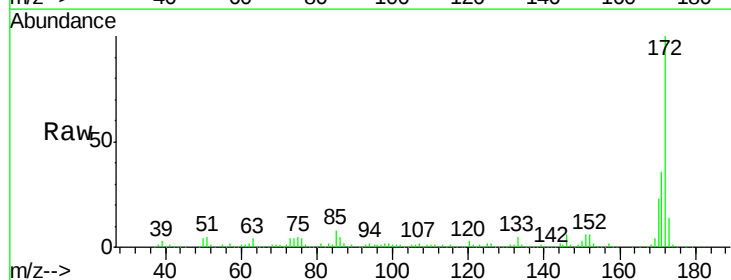
Instrument :
 BNA_F
 ClientSampleId :
 VMA-2

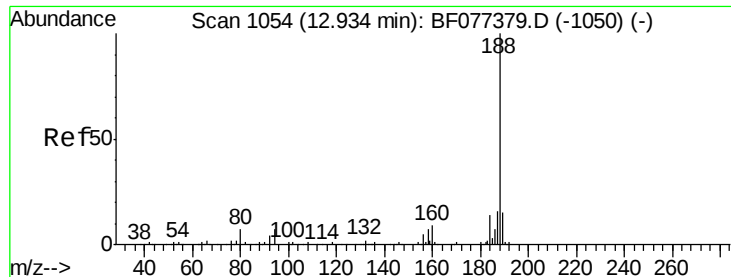
Tgt Ion:330 Resp: 139211
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 39.4 28.8 43.2



#44
 2-Fluorobiphenyl
 Concen: 52.24 ng
 RT: 10.16 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF077572.D
 Acq: 4 Mar 2015 4:48

Tgt Ion:172 Resp: 662390
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.9 43.3
 170 23.3 19.4 29.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.83 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF077572.D

Acq: 4 Mar 2015 4:48

Instrument :

BNA_F

ClientSampleId :

VMA-2

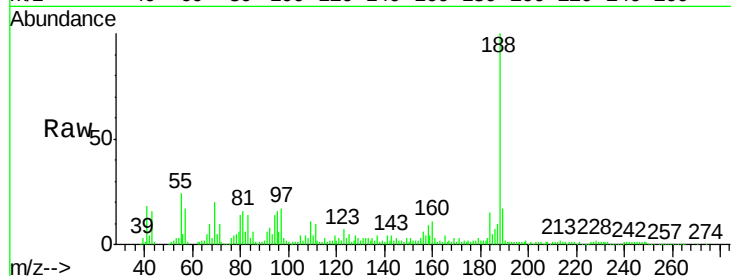
Tgt Ion:188 Resp: 355515

Ion Ratio Lower Upper

188 100

94 13.9 7.4 11.2#

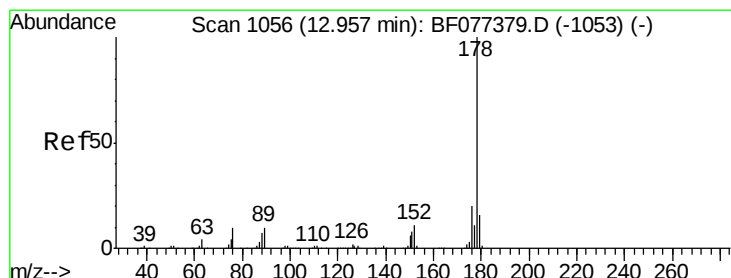
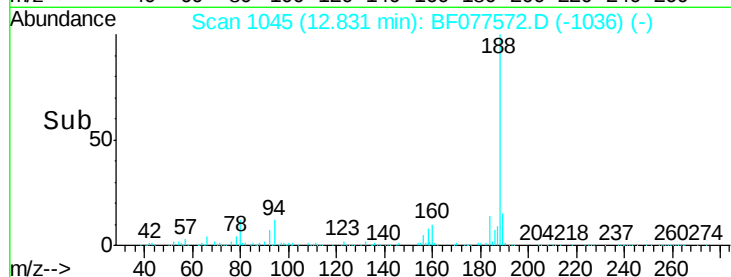
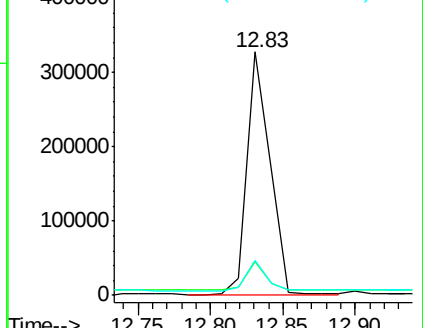
80 14.3 8.0 12.0#



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



#70

Phenanthrene

Concen: 3.98 ng

RT: 12.86 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF077572.D

Acq: 4 Mar 2015 4:48

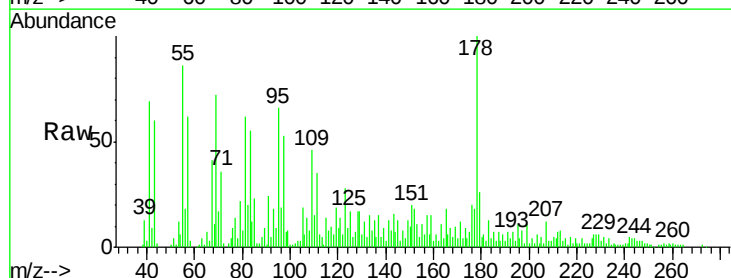
Tgt Ion:178 Resp: 81993

Ion Ratio Lower Upper

178 100

176 20.5 15.5 23.3

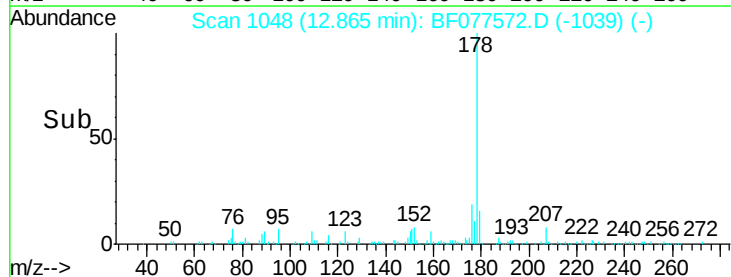
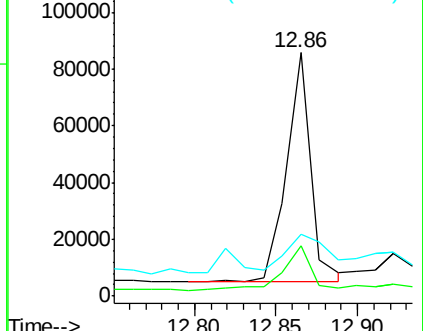
179 25.7 12.2 18.2#

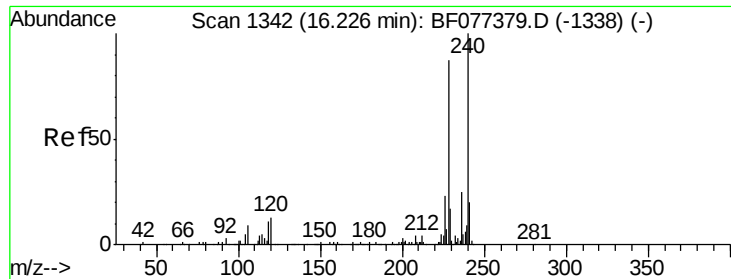


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

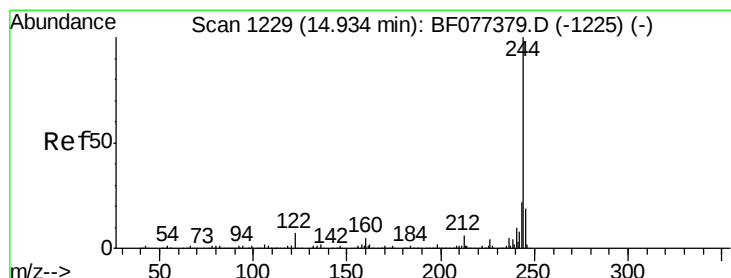
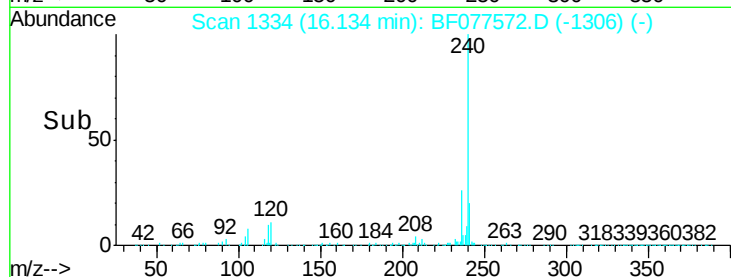
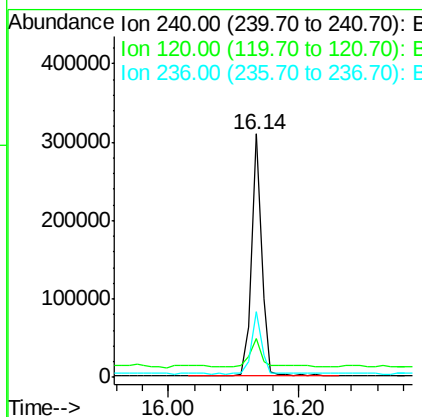
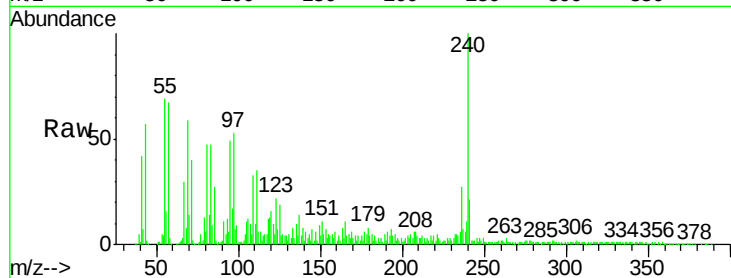




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.14 min Scan# 1334
Delta R.T. 0.02 min
Lab File: BF077572.D
Acq: 4 Mar 2015 4:48

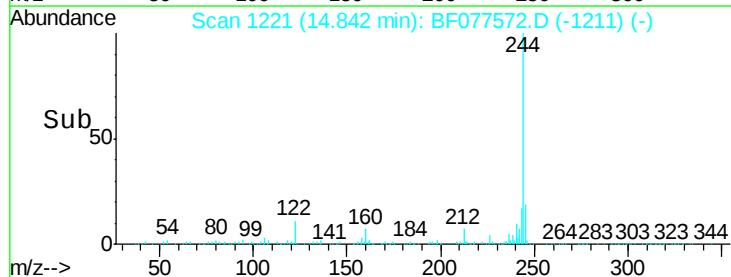
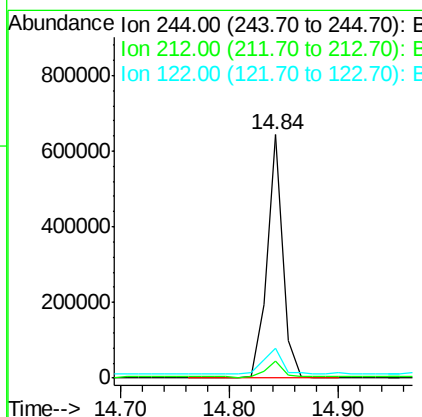
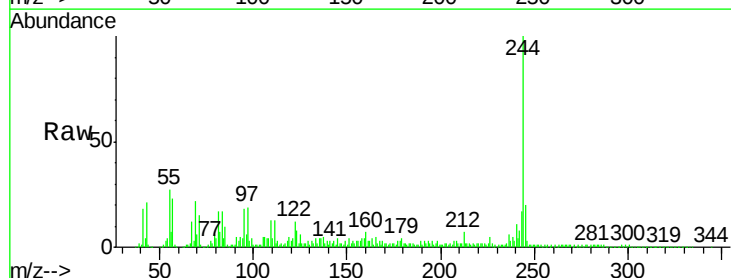
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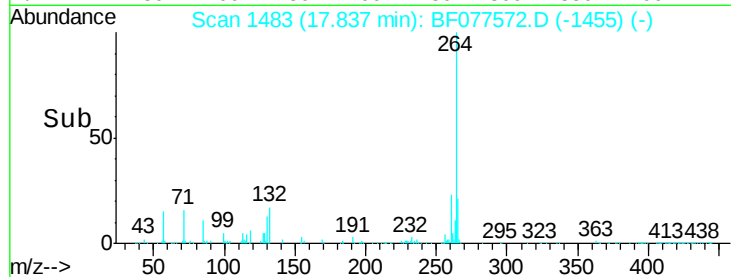
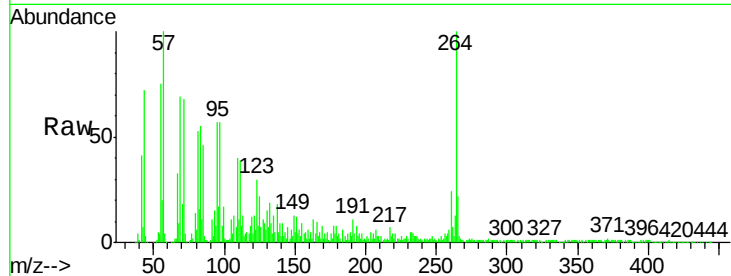
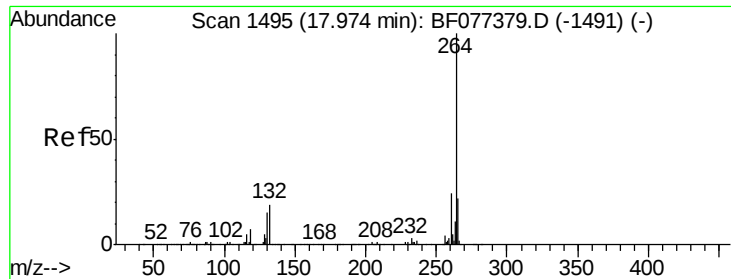
Tgt Ion:240 Resp: 333034
Ion Ratio Lower Upper
240 100
120 15.9 8.8 13.2#
236 27.1 20.7 31.1



#78
Terphenyl-d14
Concen: 45.33 ng
RT: 14.84 min Scan# 1221
Delta R.T. 0.01 min
Lab File: BF077572.D
Acq: 4 Mar 2015 4:48

Tgt Ion:244 Resp: 645828
Ion Ratio Lower Upper
244 100
212 7.1 5.2 7.8
122 12.3 7.8 11.8#





#86

Perylene-d12

Concen: 20.00 ng

RT: 17.84 min Scan# 1483

Delta R.T. 0.02 min

Lab File: BF077572.D

Acq: 4 Mar 2015 4:48

Instrument :

BNA_F

ClientSampleId :

VMA-2

Tgt Ion: 264 Resp: 326705

Ion Ratio Lower Upper

264 100

260 24.3 19.3 28.9

265 22.4 16.8 25.2

