

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022715\
 Data File : BF077511.D
 Acq On : 27 Feb 2015 18:06
 Operator : TP/IZ
 Sample : G1385-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RINSATEBLANK

Quant Time: Feb 27 22:40:42 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	73581	20.00	ng	0.00
21) Naphthalene-d8	8.83	136	301440	20.00	ng	0.00
38) Acenaphthene-d10	11.01	164	152439	20.00	ng	0.00
63) Phenanthrene-d10	12.85	188	320024	20.00	ng	0.00
75) Chrysene-d12	16.14	240	343083	20.00	ng	0.00
86) Perylene-d12	17.88	264	338844	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	178769	40.56	ng	0.00
7) Phenol-d6	6.81	99	132156	23.32	ng	0.00
23) Nitrobenzene-d5	7.95	82	364644	75.22	ng	0.00
41) 2,4,6-Tribromophenol	11.99	330	168402	114.73	ng	0.00
44) 2-Fluorobiphenyl	10.18	172	783922	80.18	ng	0.00
78) Terphenyl-d14	14.85	244	963909	65.68	ng	0.00

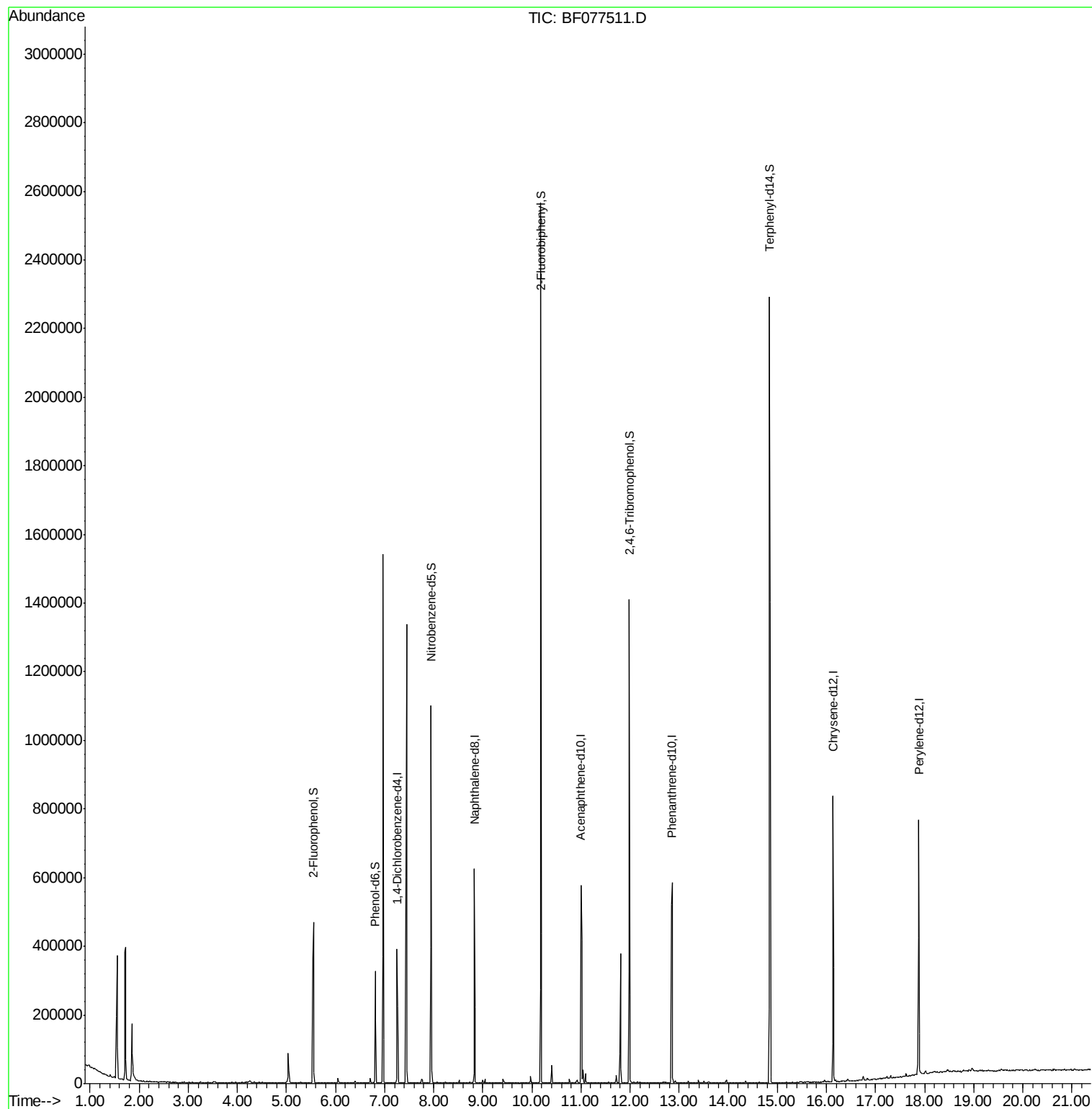
Target Compounds	Qvalue

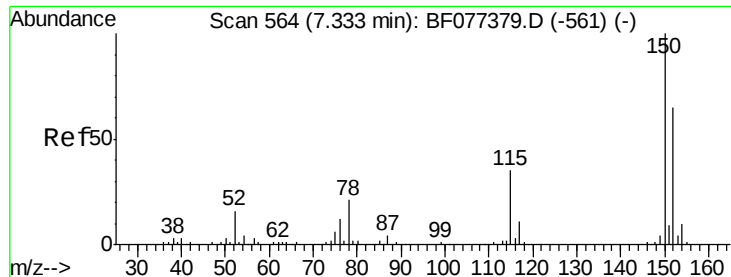
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.26 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF077511.D

Acq: 27 Feb 2015 18:06

Instrument :

BNA_F

ClientSampleId :

RINSATEBLANK

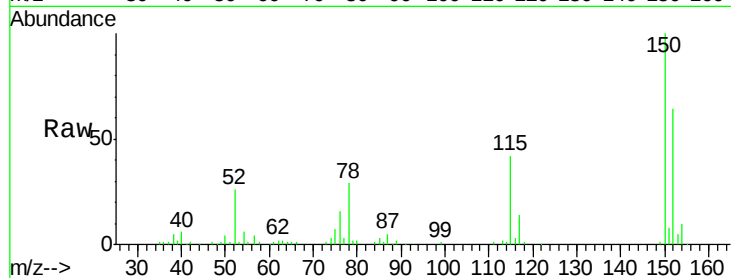
Tgt Ion:152 Resp: 73581

Ion Ratio Lower Upper

152 100

150 156.8 124.0 186.0

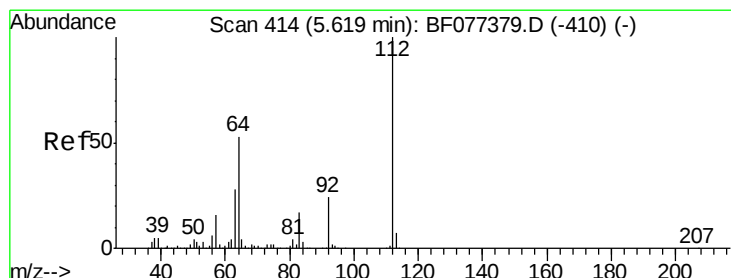
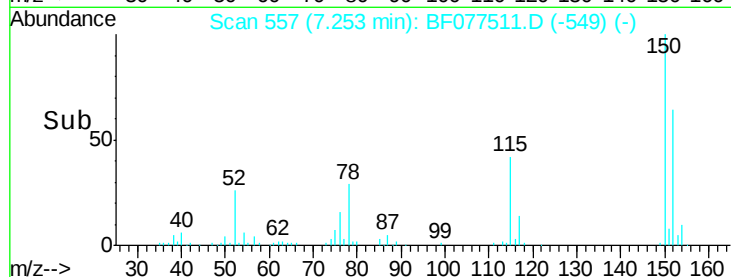
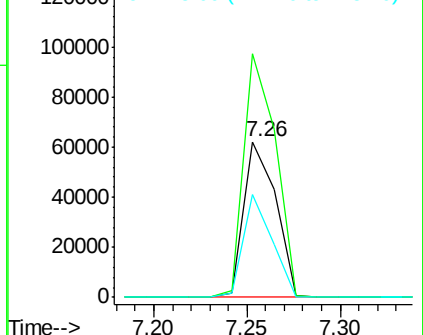
115 66.4 49.4 74.2



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: 40.56 ng

RT: 5.55 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF077511.D

Acq: 27 Feb 2015 18:06

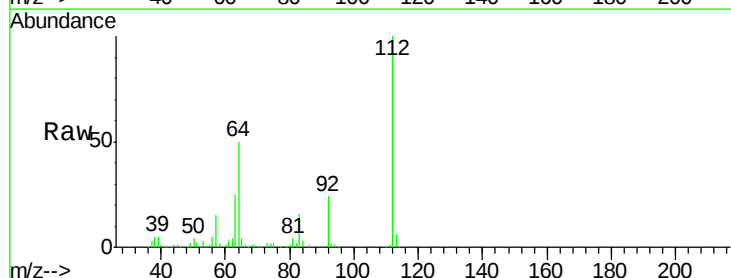
Tgt Ion:112 Resp: 178769

Ion Ratio Lower Upper

112 100

64 49.6 48.5 72.7

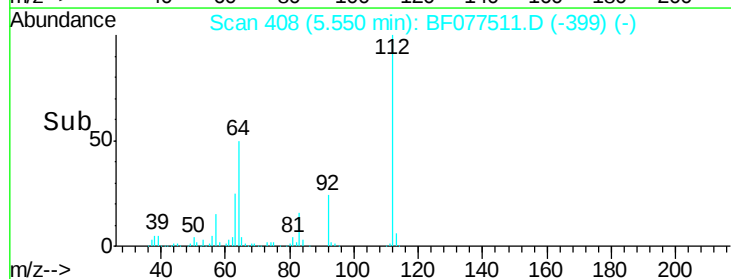
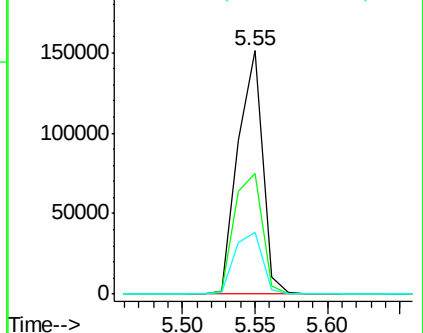
63 25.4 25.0 37.4



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: 23.32 ng

RT: 6.81 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF077511.D

Acq: 27 Feb 2015 18:06

Instrument :

BNA_F

ClientSampleId :

RINSATEBLANK

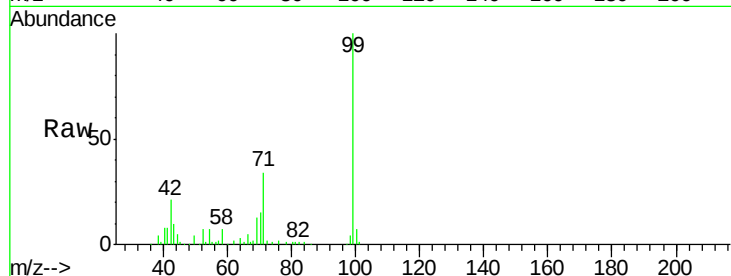
Tgt Ion: 99 Resp: 132156

Ion Ratio Lower Upper

99 100

42 21.1 16.2 24.4

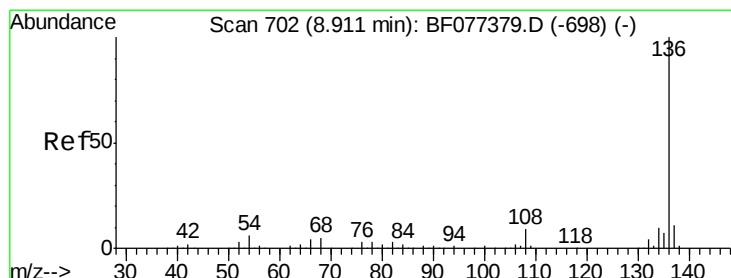
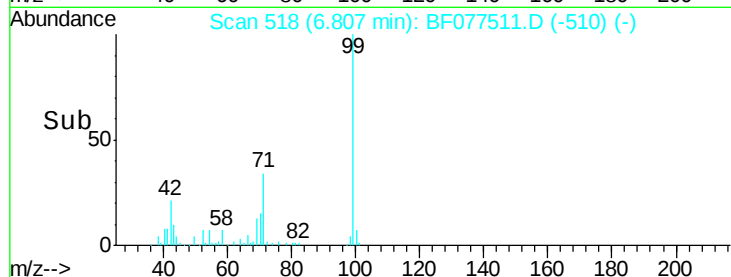
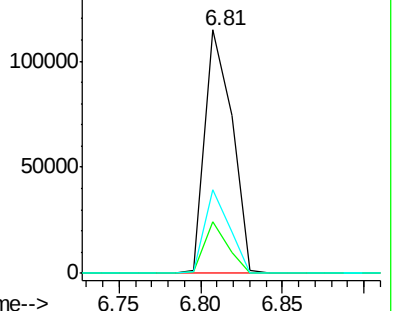
71 34.3 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF077379.D (-520) (-)

Ion 42.00 (41.70 to 42.70): BF077379.D (-520) (-)

Ion 71.00 (70.70 to 71.70): BF077379.D (-520) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.83 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF077511.D

Acq: 27 Feb 2015 18:06

Tgt Ion: 136 Resp: 301440

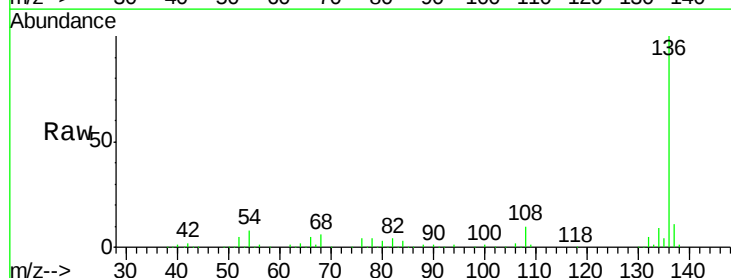
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 8.5 6.2 9.4

68 6.4 5.0 7.6

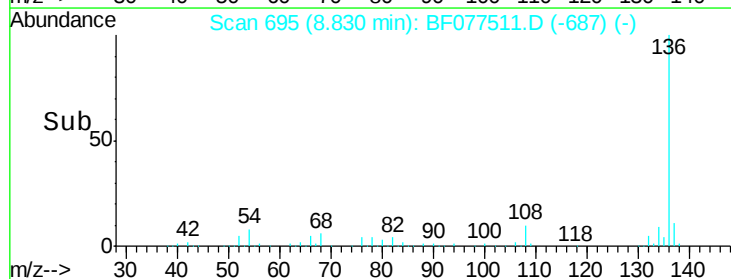
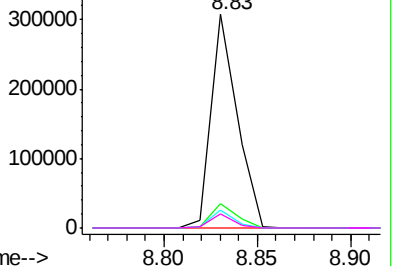


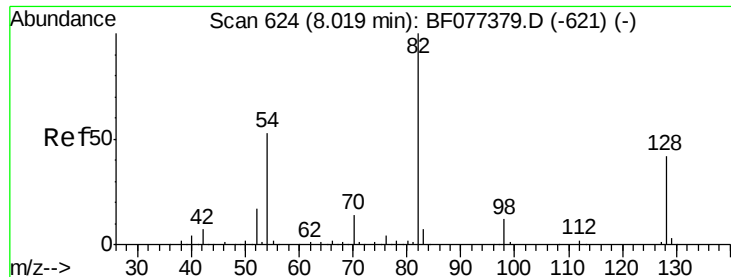
Abundance Ion 136.00 (135.70 to 136.70): BF077379.D (-698) (-)

Ion 137.00 (136.70 to 137.70): BF077379.D (-698) (-)

Ion 54.00 (53.70 to 54.70): BF077379.D (-698) (-)

Ion 68.00 (67.70 to 68.70): BF077379.D (-698) (-)

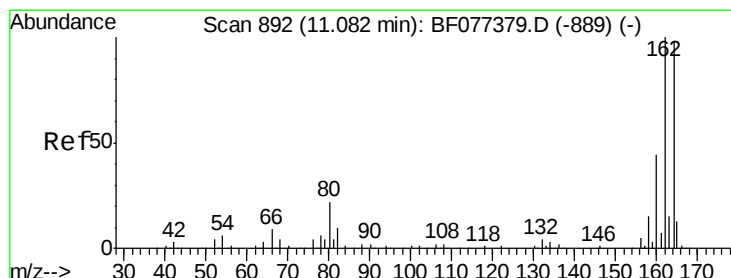
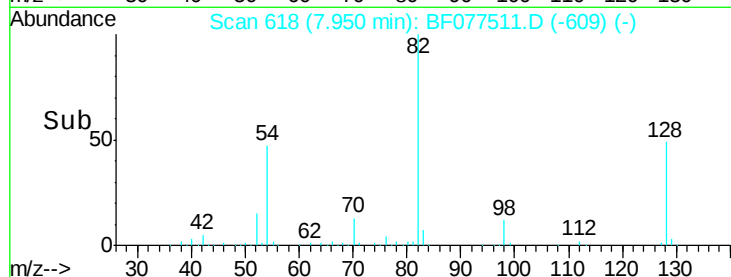
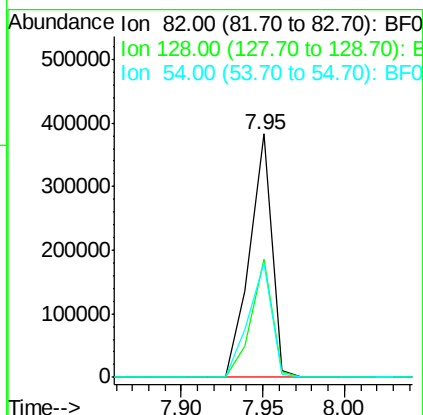
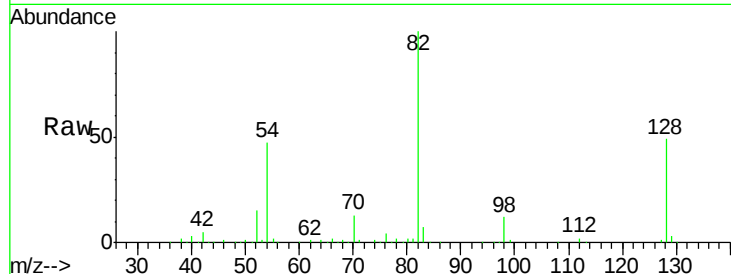




#23
 Nitrobenzene-d5
 Concen: 75.22 ng
 RT: 7.95 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF077511.D
 Acq: 27 Feb 2015 18:06

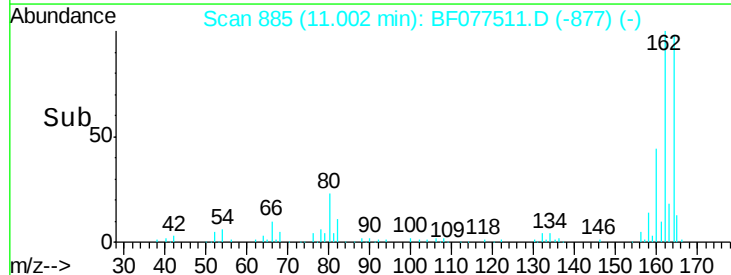
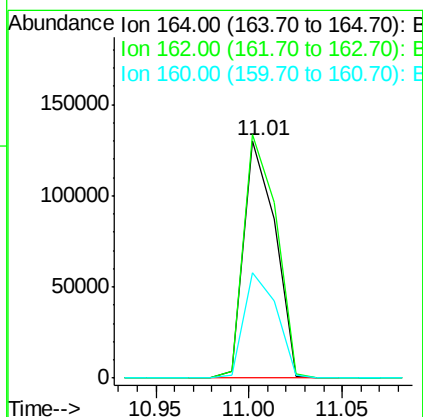
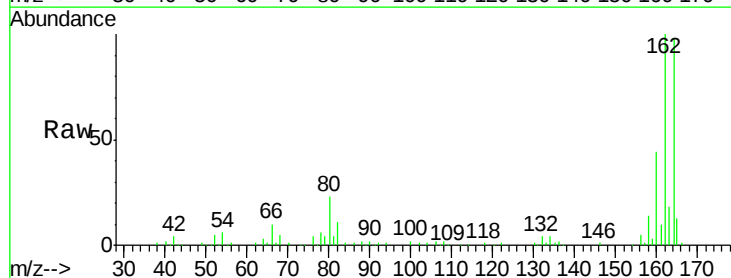
Instrument :
 BNA_F
 ClientSampleId :
 RINSATEBLANK

Tgt Ion: 82 Resp: 364644
 Ion Ratio Lower Upper
 82 100
 128 48.8 43.8 65.8
 54 46.7 36.7 55.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.01 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BF077511.D
 Acq: 27 Feb 2015 18:06

Tgt Ion: 164 Resp: 152439
 Ion Ratio Lower Upper
 164 100
 162 102.5 83.2 124.8
 160 44.6 34.6 52.0

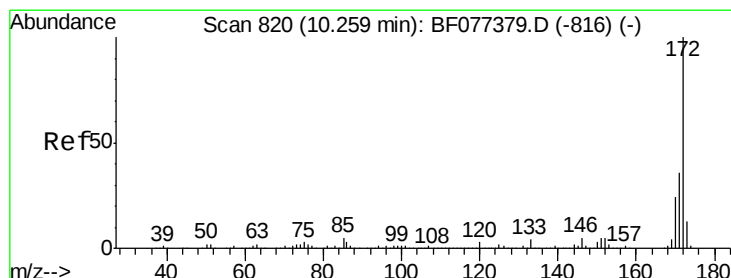
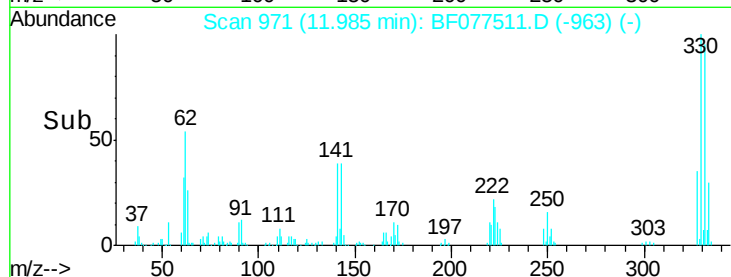
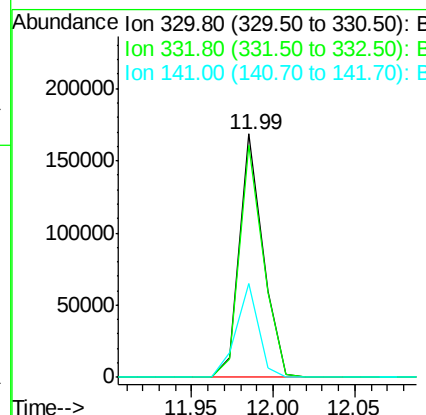
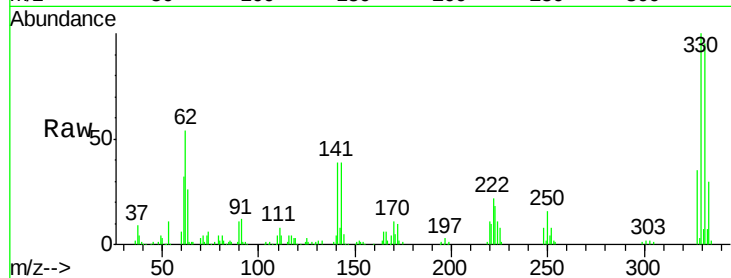




#41
 2,4,6-Tribromophenol
 Concen: 114.73 ng
 RT: 11.99 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: BF077511.D
 Acq: 27 Feb 2015 18:06

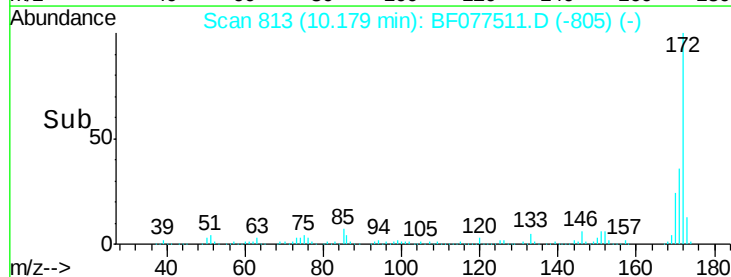
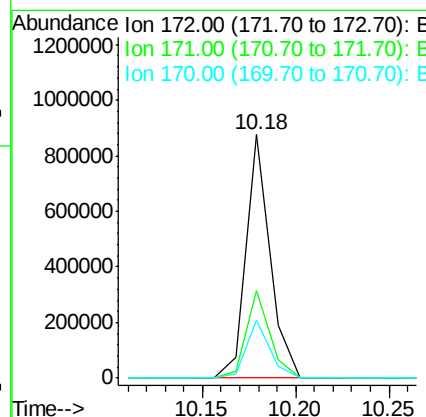
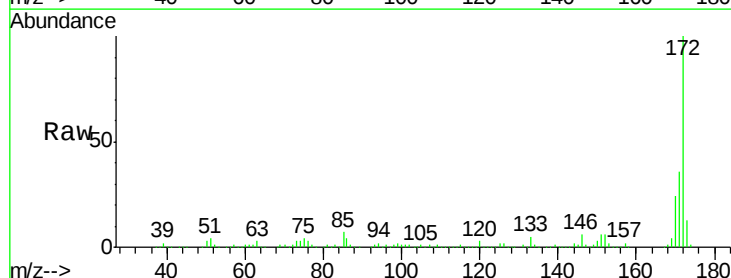
Instrument :
 BNA_F
 ClientSampleId :
 RINSATEBLANK

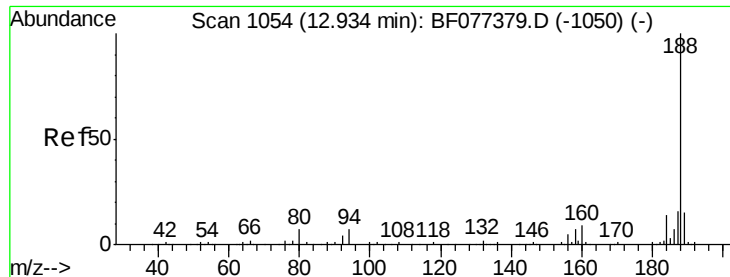
Tgt Ion:330 Resp: 168402
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 36.5 28.8 43.2



#44
 2-Fluorobiphenyl
 Concen: 80.18 ng
 RT: 10.18 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF077511.D
 Acq: 27 Feb 2015 18:06

Tgt Ion:172 Resp: 783922
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.9 43.3
 170 24.0 19.4 29.2

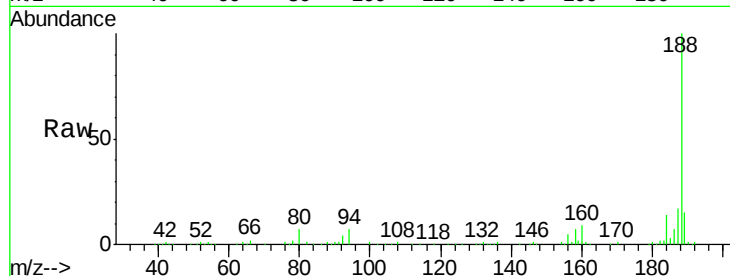




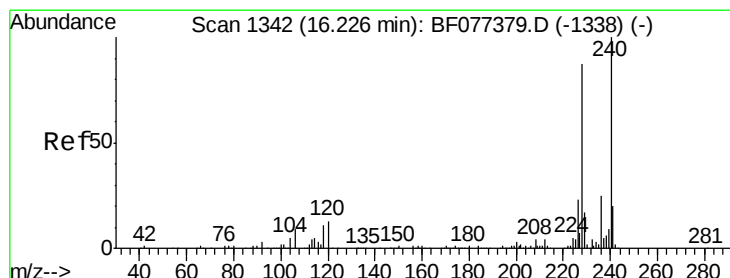
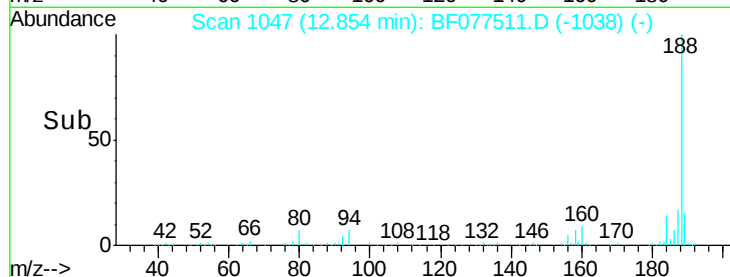
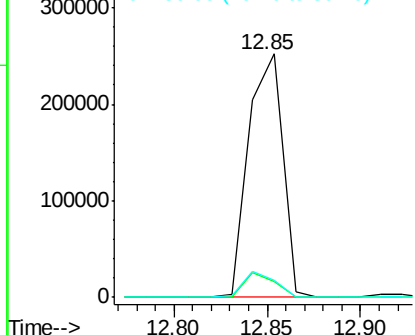
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.85 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF077511.D
Acq: 27 Feb 2015 18:06

Instrument :
BNA_F
ClientSampleId :
RINSATEBLANK

Tgt Ion:188 Resp: 320024
Ion Ratio Lower Upper
188 100
94 6.7 7.4 11.2#
80 6.8 8.0 12.0#

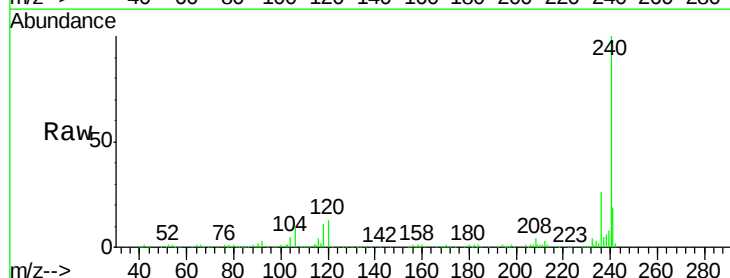


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

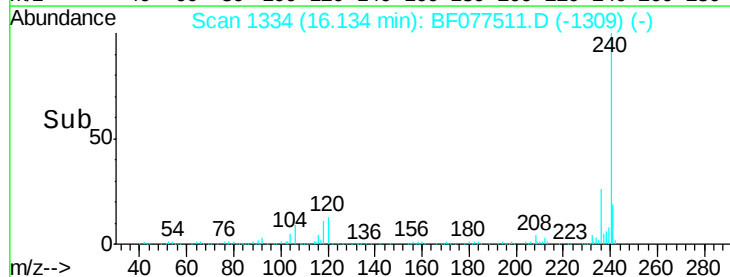
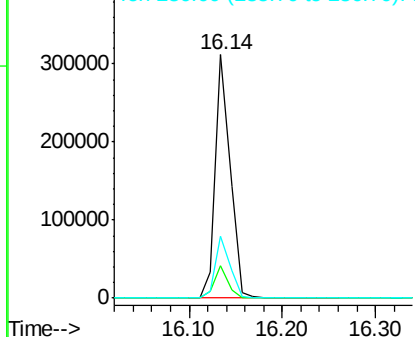


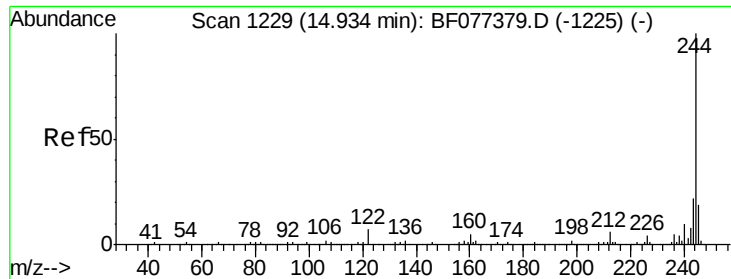
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.14 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF077511.D
Acq: 27 Feb 2015 18:06

Tgt Ion:240 Resp: 343083
Ion Ratio Lower Upper
240 100
120 13.1 8.8 13.2
236 25.6 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

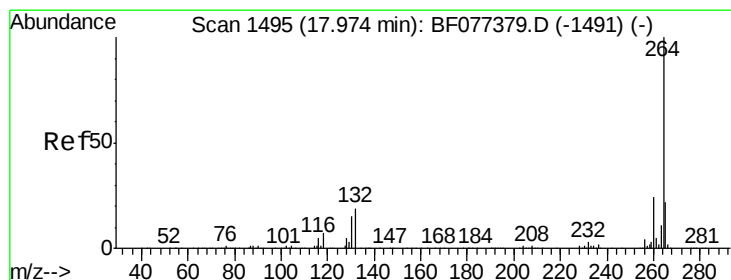
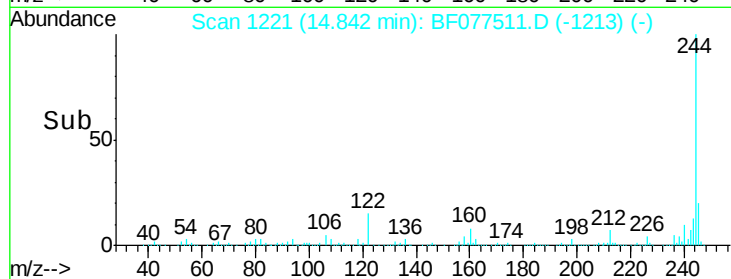
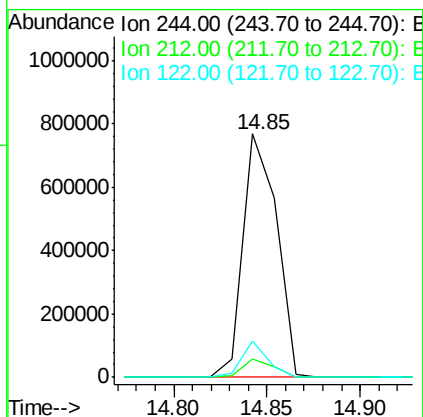
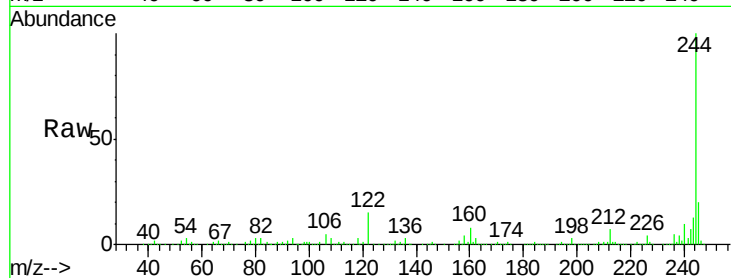




#78
 Terphenyl-d14
 Concen: 65.68 ng
 RT: 14.85 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BF077511.D
 Acq: 27 Feb 2015 18:06

Instrument :
 BNA_F
 ClientSampleId :
 RINSATEBLANK

Tgt Ion:244 Resp: 963909
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.2 7.8
 122 14.9 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.88 min Scan# 1487
 Delta R.T. -0.03 min
 Lab File: BF077511.D
 Acq: 27 Feb 2015 18:06

Tgt Ion:264 Resp: 338844
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 21.2 16.8 25.2

