

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022415\
 Data File : BF077424.D
 Acq On : 24 Feb 2015 19:18
 Operator : IZ / TP
 Sample : G1353-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB

Quant Time: Feb 25 02:42:00 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 25 00:25:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	69744	20.00	ng	0.00
21) Naphthalene-d8	8.88	136	286838	20.00	ng	-0.01
38) Acenaphthene-d10	11.05	164	143188	20.00	ng	-0.01
63) Phenanthrene-d10	12.90	188	277795	20.00	ng	0.00
75) Chrysene-d12	16.19	240	298489	20.00	ng	-0.03
86) Perylene-d12	17.96	264	309218	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	218987	52.42	ng	-0.01
7) Phenol-d6	6.85	99	175237	32.62	ng	-0.01
23) Nitrobenzene-d5	7.98	82	448996	97.34	ng	-0.01
41) 2,4,6-Tribromophenol	12.03	330	146352	106.15	ng	-0.01
44) 2-Fluorobiphenyl	10.22	172	996714	108.54	ng	0.00
78) Terphenyl-d14	14.89	244	1167782	91.46	ng	-0.01

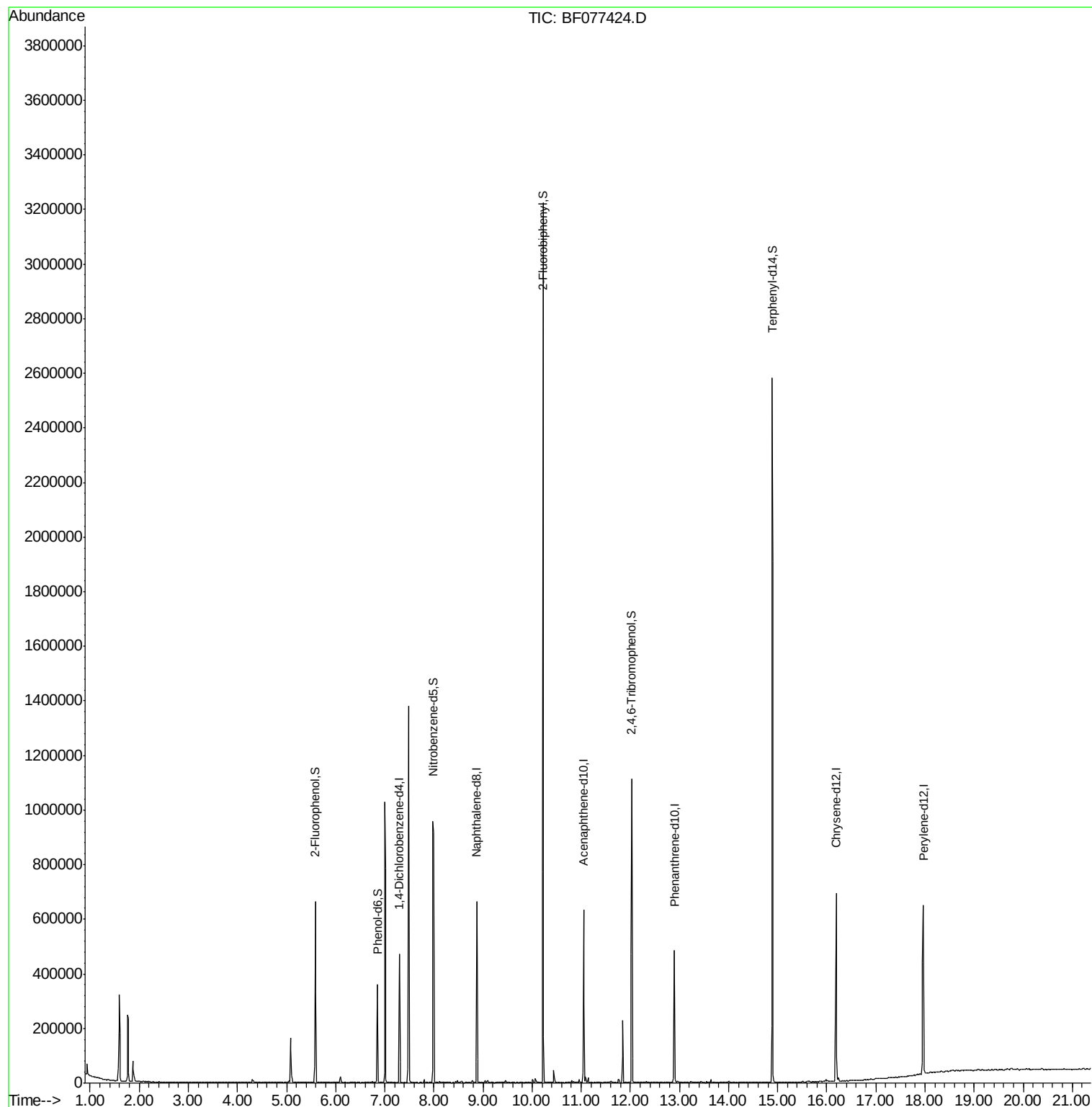
Target Compounds	Qvalue
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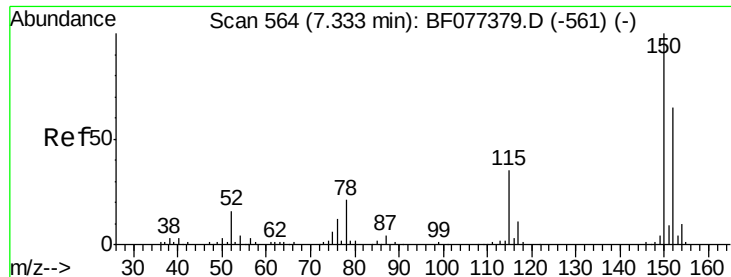
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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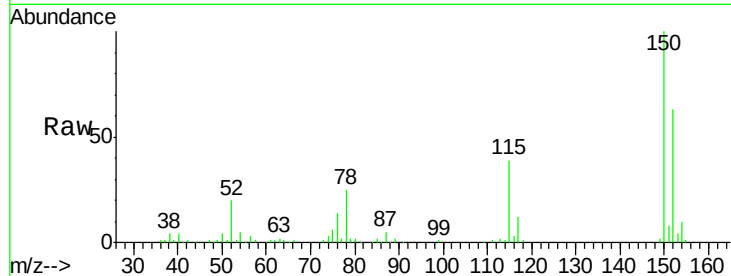


#1

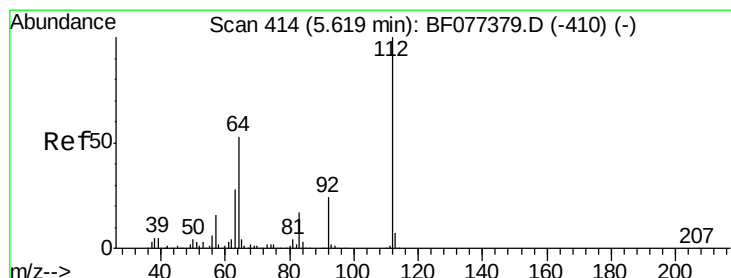
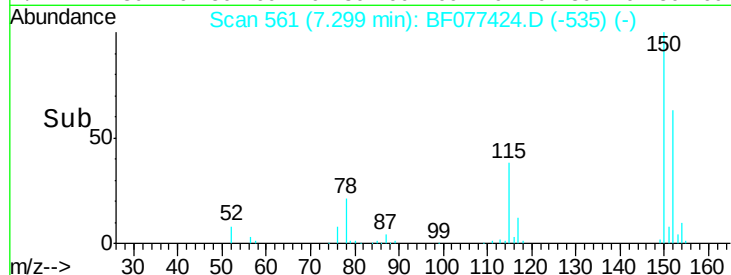
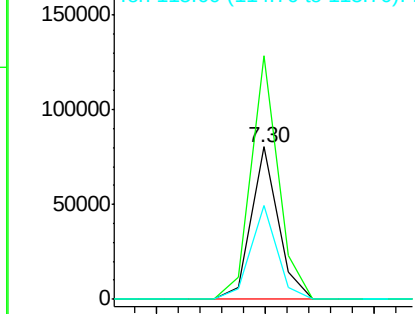
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF077424.D
Acq: 24 Feb 2015 19:18

Instrument :
BNA_F
ClientSampleId :
FB

Tgt Ion:152 Resp: 69744
Ion Ratio Lower Upper
152 100
150 159.5 124.0 186.0
115 61.5 49.4 74.2



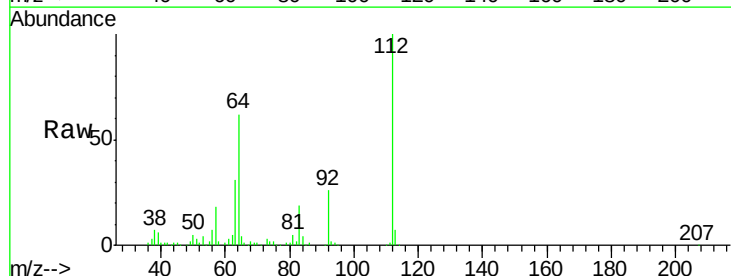
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



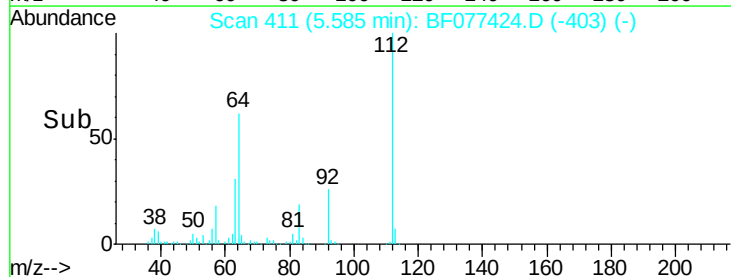
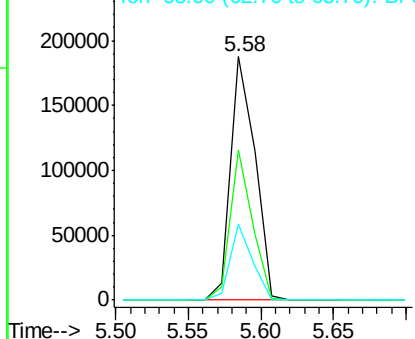
#5

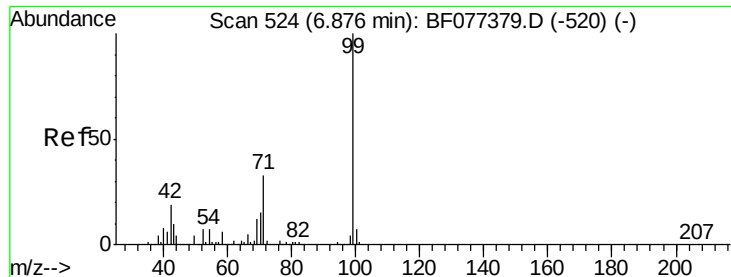
2-Fluorophenol
Concen: 52.42 ng
RT: 5.58 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF077424.D
Acq: 24 Feb 2015 19:18

Tgt Ion:112 Resp: 218987
Ion Ratio Lower Upper
112 100
64 61.6 48.5 72.7
63 31.1 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: 32.62 ng

RT: 6.85 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF077424.D

Acq: 24 Feb 2015 19:18

Instrument :

BNA_F

ClientSampleId :

FB

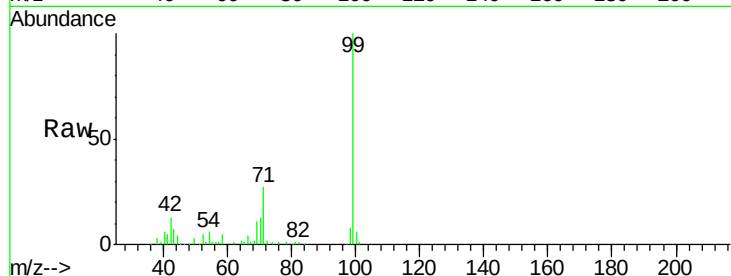
Tgt Ion: 99 Resp: 175237

Ion Ratio Lower Upper

99 100

42 13.2 16.2 24.4#

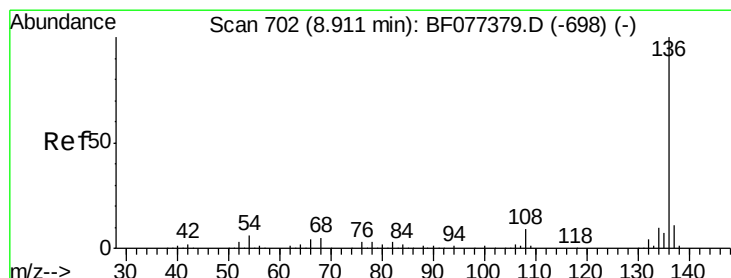
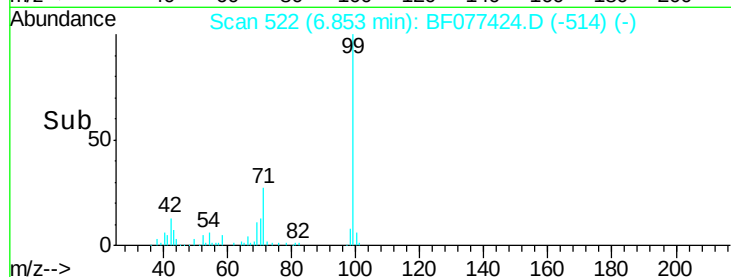
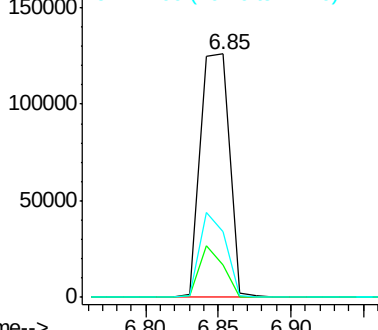
71 27.1 26.7 40.1



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.88 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF077424.D

Acq: 24 Feb 2015 19:18

Tgt Ion: 136 Resp: 286838

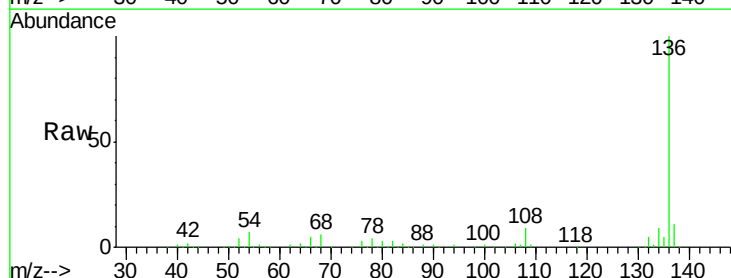
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 7.3 6.2 9.4

68 5.6 5.0 7.6

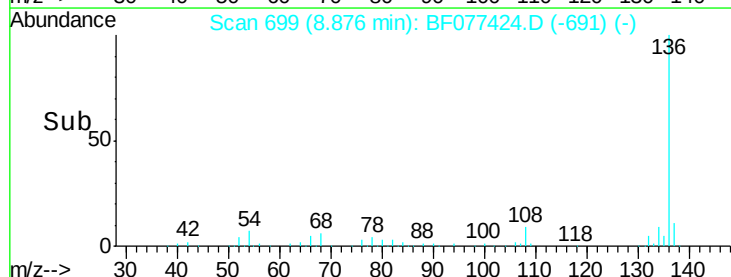
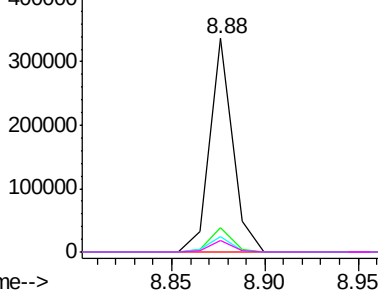


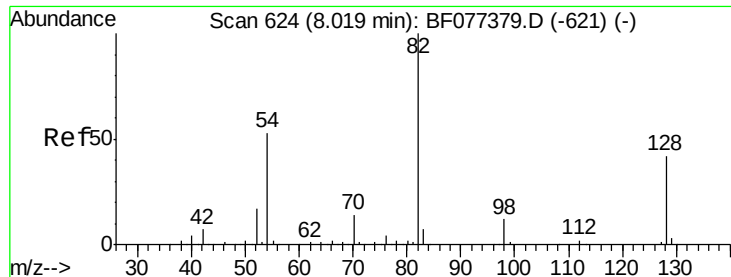
Abundance Ion 136.00 (135.70 to 136.70): E

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

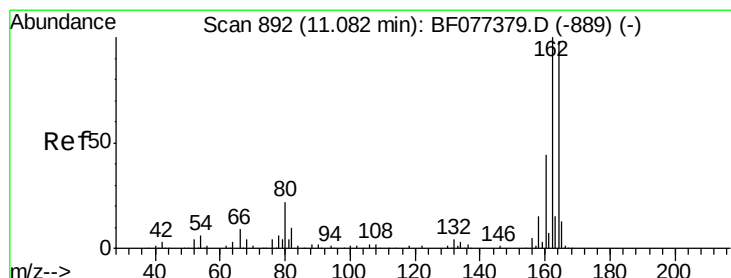
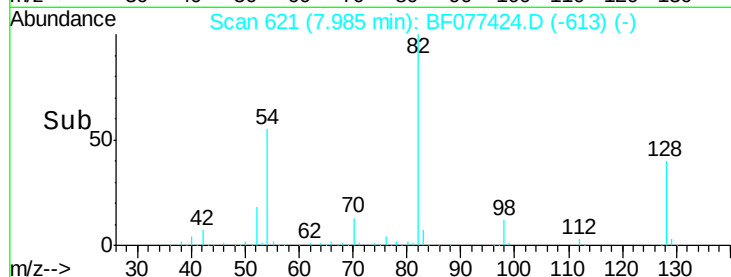
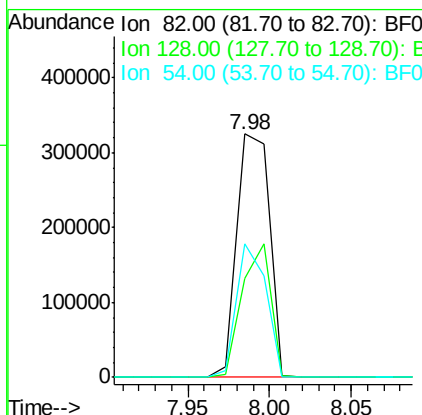
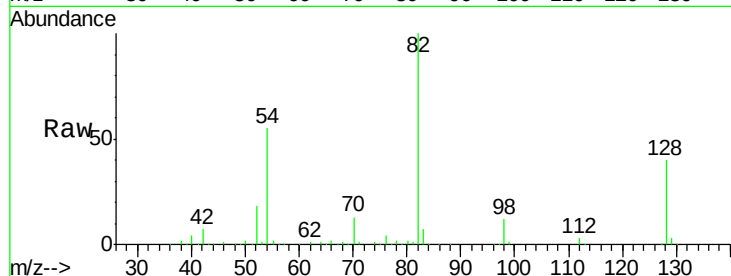




#23
 Nitrobenzene-d5
 Concen: 97.34 ng
 RT: 7.98 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF077424.D
 Acq: 24 Feb 2015 19:18

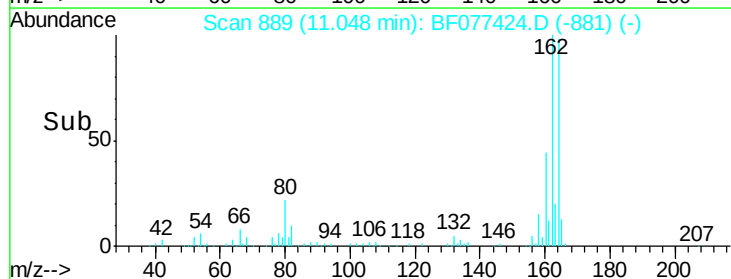
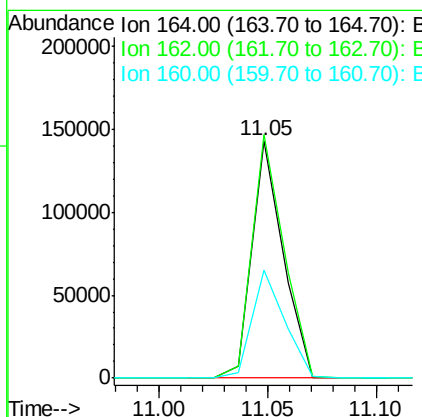
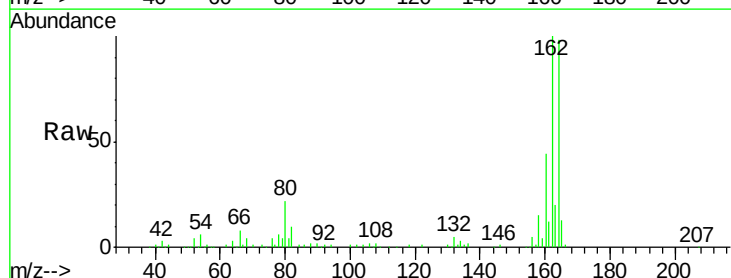
Instrument :
 BNA_F
 ClientSampled :
 FB

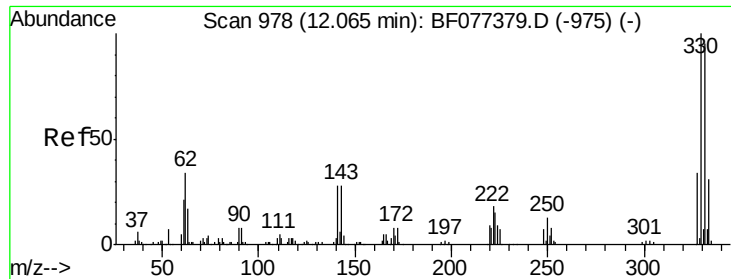
Tgt Ion: 82 Resp: 448996
 Ion Ratio Lower Upper
 82 100
 128 40.5 43.8 65.8#
 54 54.9 36.7 55.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF077424.D
 Acq: 24 Feb 2015 19:18

Tgt Ion: 164 Resp: 143188
 Ion Ratio Lower Upper
 164 100
 162 102.5 83.2 124.8
 160 45.2 34.6 52.0

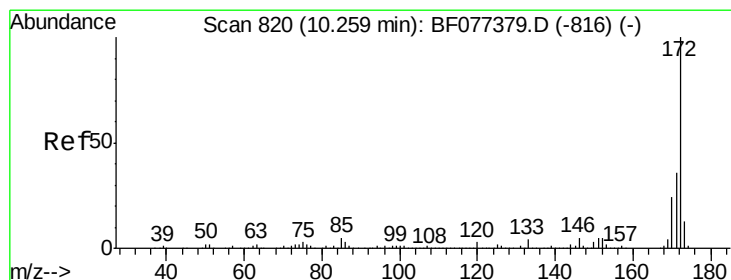
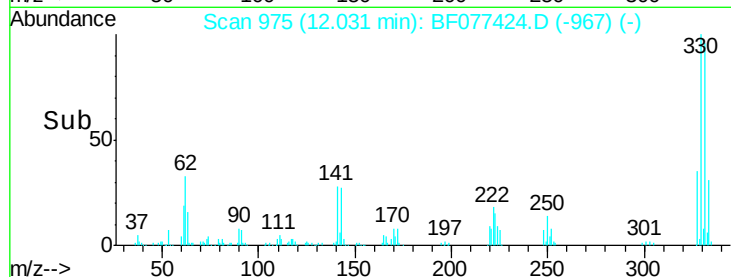
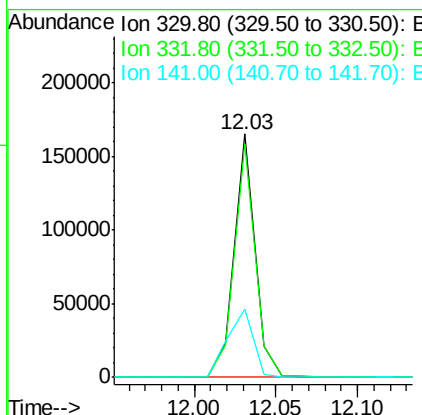
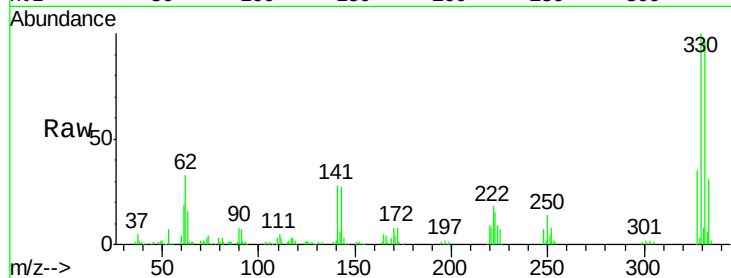




#41
 2,4,6-Tribromophenol
 Concen: 106.15 ng
 RT: 12.03 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BF077424.D
 Acq: 24 Feb 2015 19:18

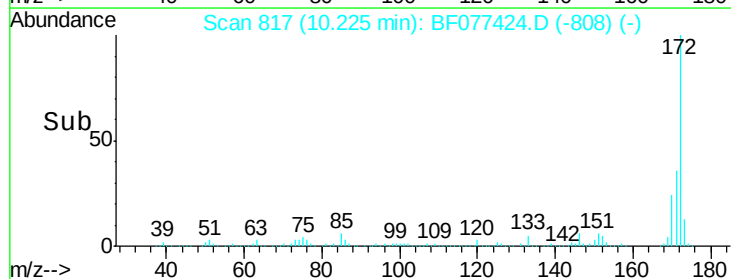
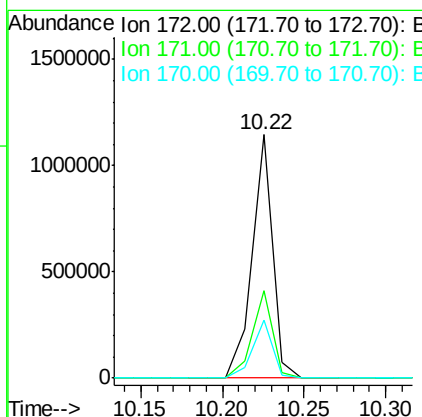
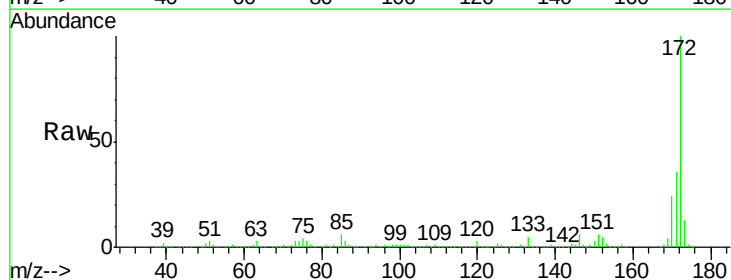
Instrument :
 BNA_F
 ClientSampleId :
 FB

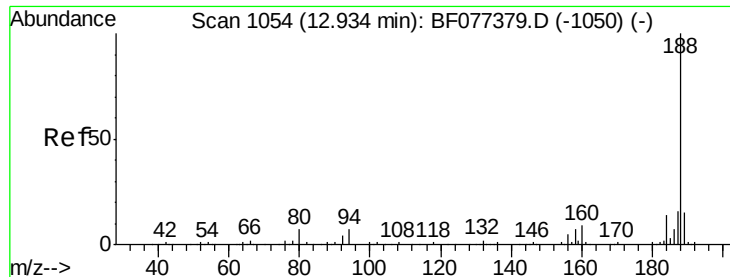
Tgt Ion:330 Resp: 146352
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 34.3 28.8 43.2



#44
 2-Fluorobiphenyl
 Concen: 108.54 ng
 RT: 10.22 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF077424.D
 Acq: 24 Feb 2015 19:18

Tgt Ion:172 Resp: 996714
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.9 43.3
 170 23.8 19.4 29.2

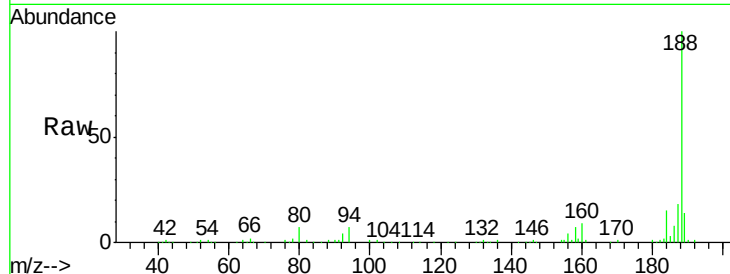




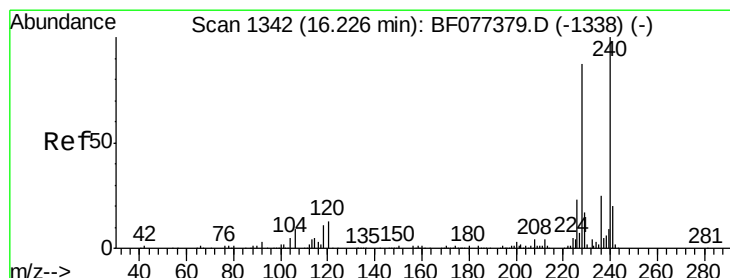
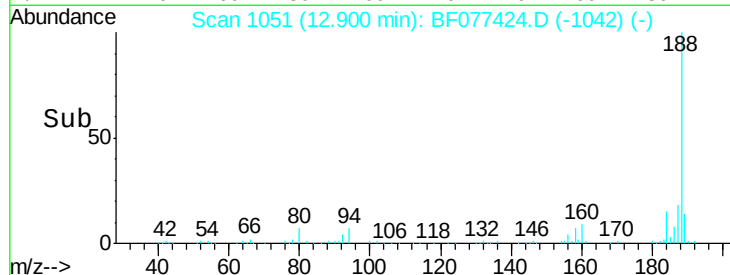
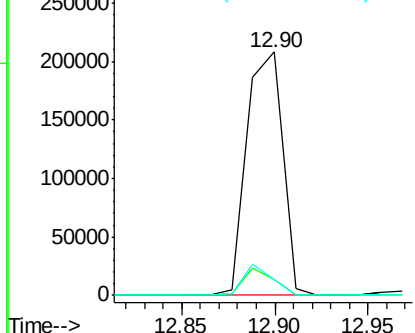
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.90 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF077424.D
Acq: 24 Feb 2015 19:18

Instrument :
BNA_F
ClientSampled :
FB

Tgt Ion:188 Resp: 277795
Ion Ratio Lower Upper
188 100
94 6.7 7.4 11.2#
80 6.7 8.0 12.0#

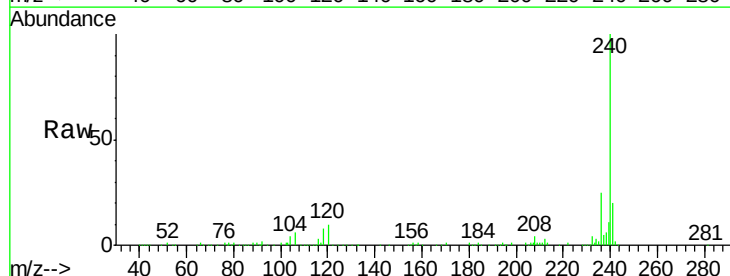


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

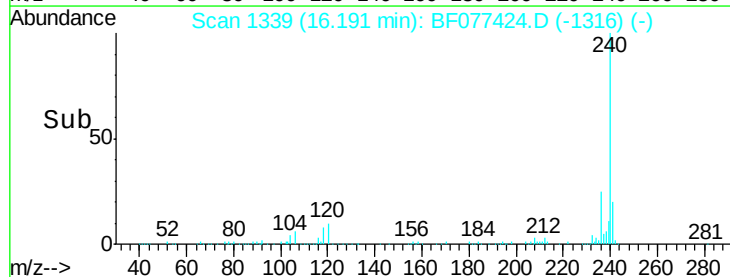
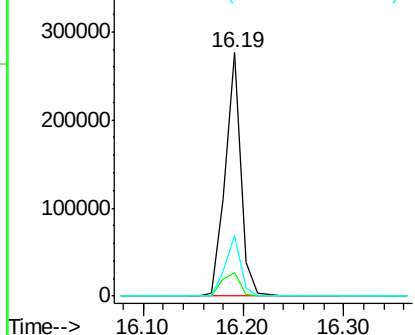


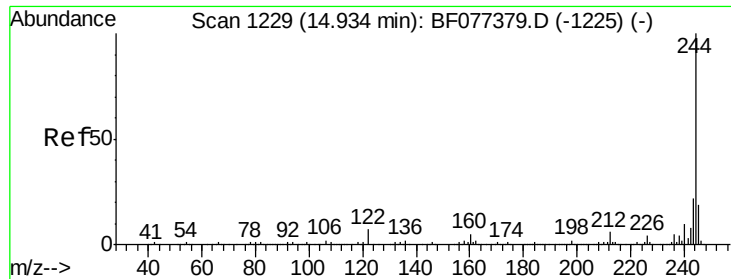
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.19 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BF077424.D
Acq: 24 Feb 2015 19:18

Tgt Ion:240 Resp: 298489
Ion Ratio Lower Upper
240 100
120 9.7 8.8 13.2
236 24.9 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

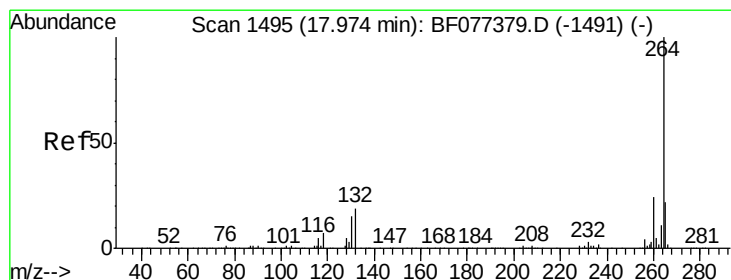
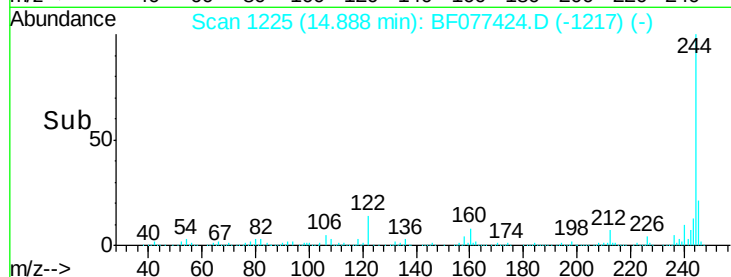
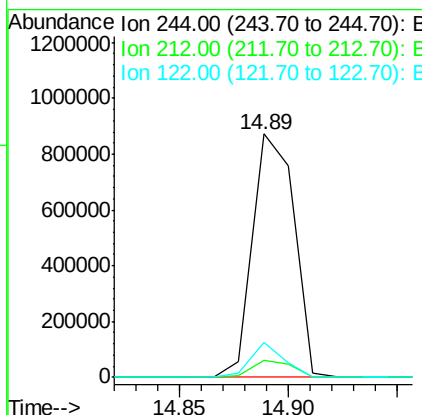
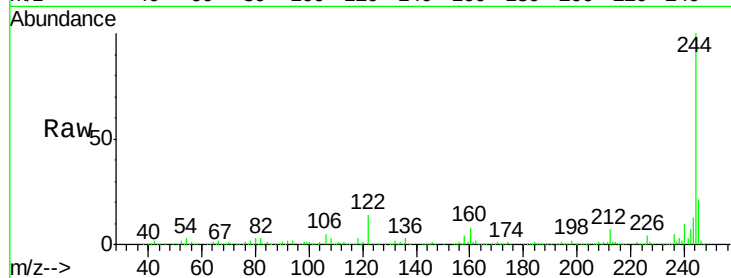




#78
 Terphenyl-d14
 Concen: 91.46 ng
 RT: 14.89 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF077424.D
 Acq: 24 Feb 2015 19:18

Instrument :
 BNA_F
 ClientSampled :
 FB

Tgt Ion:244 Resp: 1167782
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.2 7.8
 122 14.5 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.96 min Scan# 1494
 Delta R.T. -0.09 min
 Lab File: BF077424.D
 Acq: 24 Feb 2015 19:18

Tgt Ion:264 Resp: 309218
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.3 28.9
 265 21.0 16.8 25.2

