

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013015\
 Data File : BF077150.D
 Acq On : 30 Jan 2015 16:58
 Operator : TP/IZ
 Sample : G1189-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAND

Quant Time: Jan 31 01:40:37 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 31 01:33:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	25544	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	110130	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	61330	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	104749	20.00	ng	0.00
75) Chrysene-d12	21.12	240	107774	20.00	ng	0.00
86) Perylene-d12	22.92	264	97650	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.72	112	30216	19.45	ng	0.00
7) Phenol-d6	7.10	99	53887	27.49	ng	0.00
23) Nitrobenzene-d5	8.99	82	39416	19.83	ng	0.00
41) 2,4,6-Tribromophenol	16.45	330	5470	10.99	ng	0.00
44) 2-Fluorobiphenyl	13.24	172	94157	23.36	ng	0.00
78) Terphenyl-d14	19.81	244	115287	24.63	ng	0.00

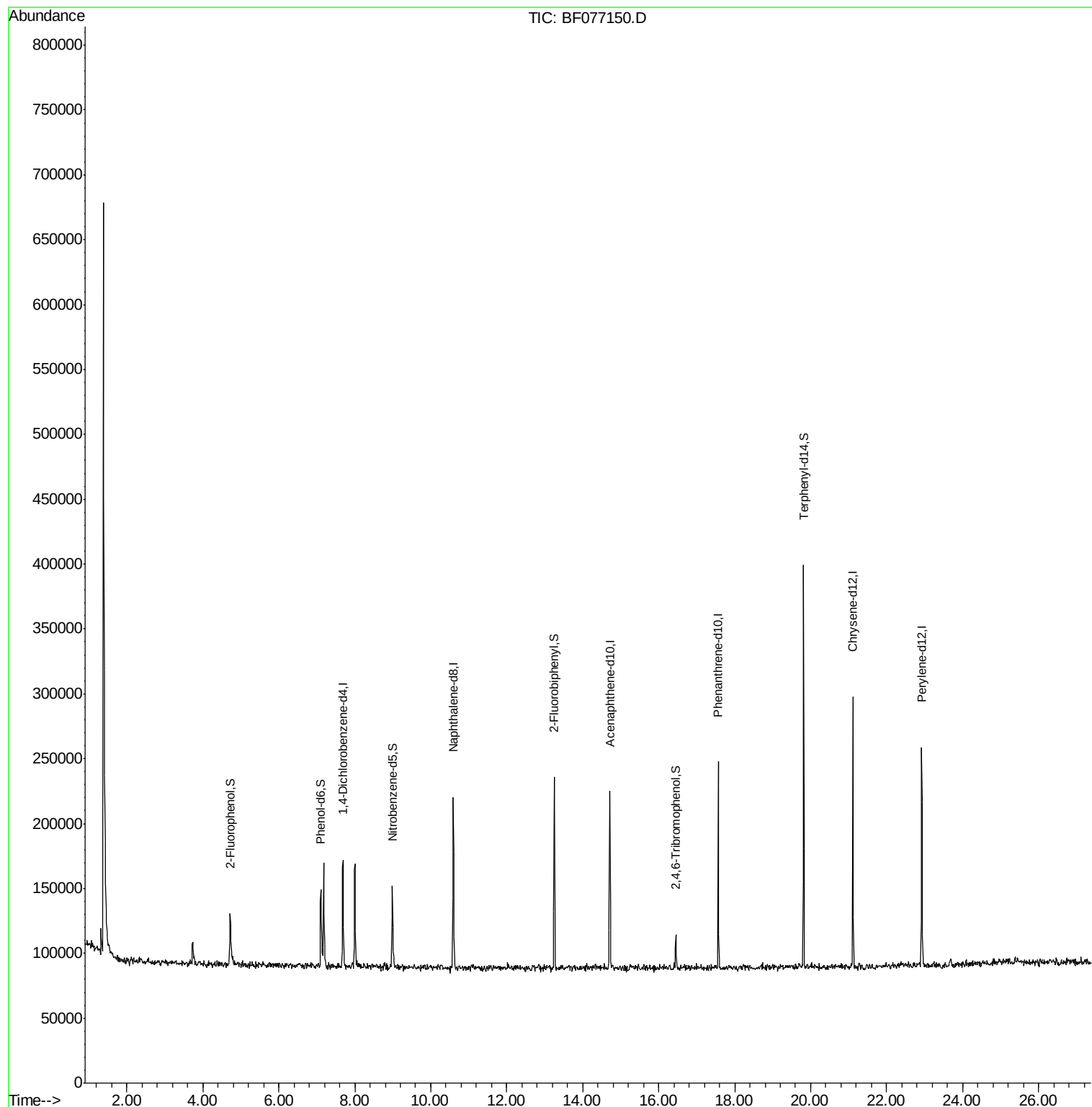
Target Compounds	Qvalue
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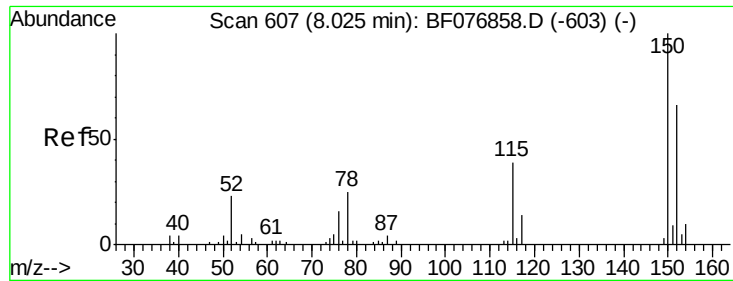
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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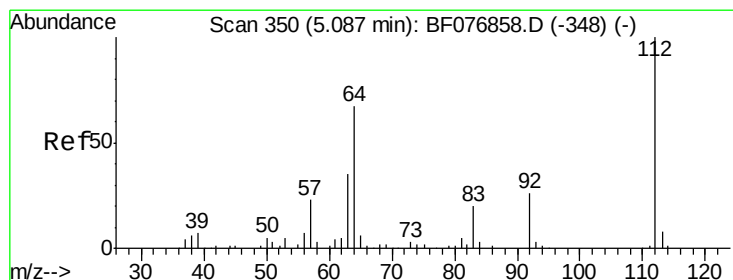
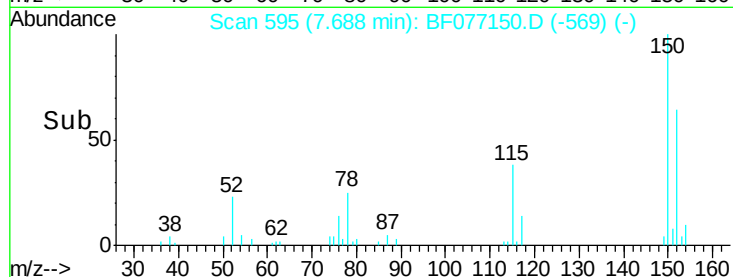
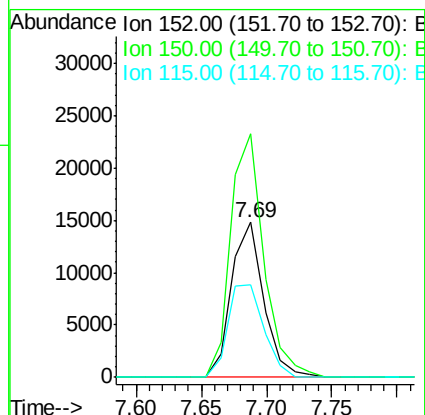
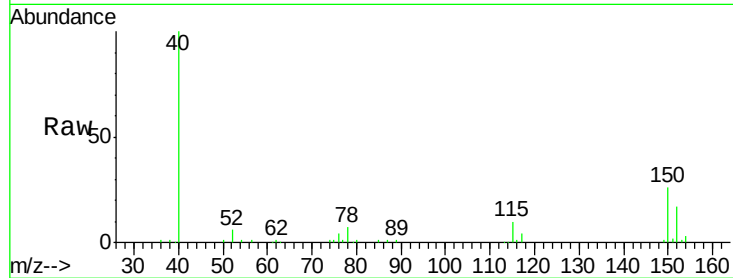


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF077150.D
Acq: 30 Jan 2015 16:58

Instrument :
BNA_F
ClientSampleId :
SAND

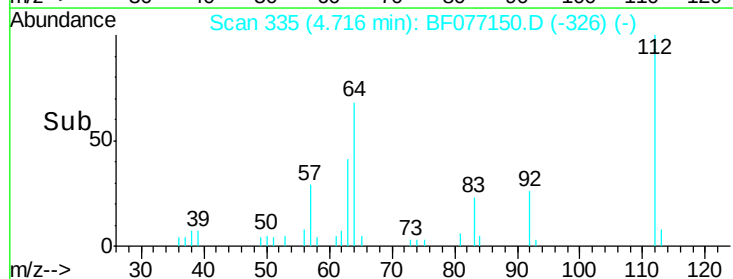
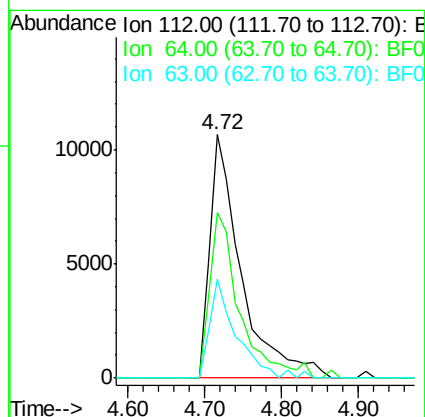
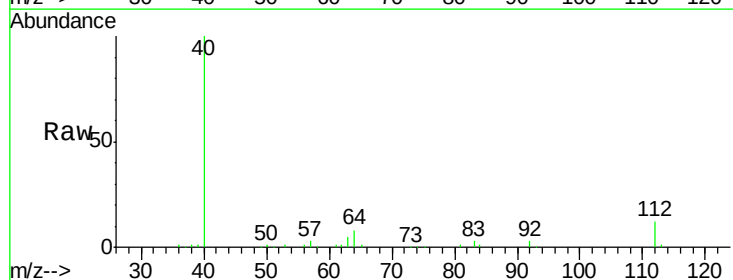
Tgt Ion:152 Resp: 25544
Ion Ratio Lower Upper
152 100
150 156.9 121.7 182.5
115 60.1 47.0 70.6

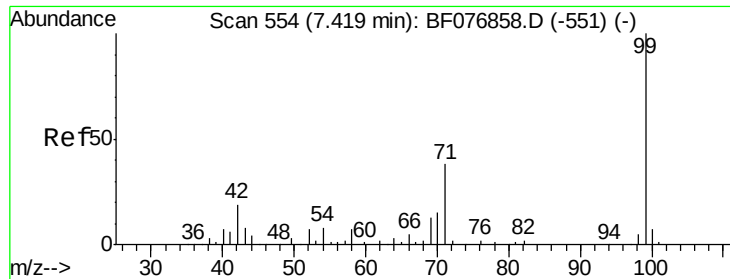


#5

2-Fluorophenol
Concen: 19.45 ng
RT: 4.72 min Scan# 335
Delta R.T. 0.00 min
Lab File: BF077150.D
Acq: 30 Jan 2015 16:58

Tgt Ion:112 Resp: 30216
Ion Ratio Lower Upper
112 100
64 68.0 54.2 81.4
63 40.6 28.4 42.6





#7

Phenol-d6

Concen: 27.49 ng

RT: 7.10 min Scan# 544

Delta R.T. 0.00 min

Lab File: BF077150.D

Acq: 30 Jan 2015 16:58

Instrument :

BNA_F

ClientSampleId :

SAND

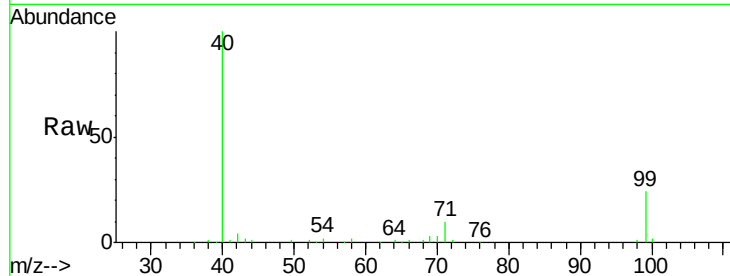
Tgt Ion: 99 Resp: 53887

Ion Ratio Lower Upper

99 100

42 14.6 15.0 22.4#

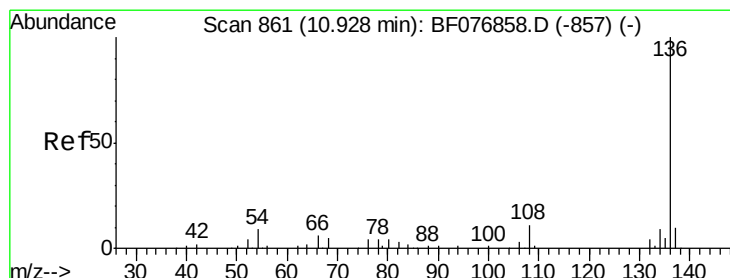
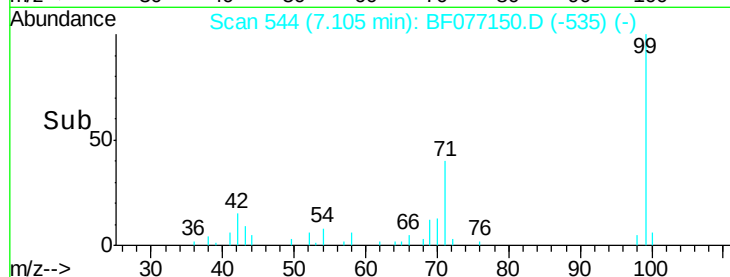
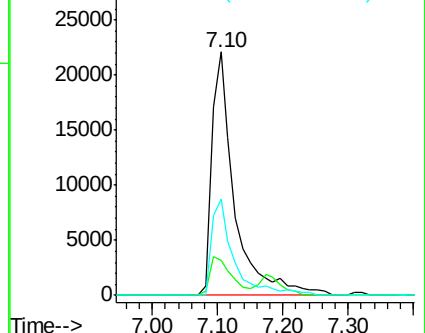
71 39.8 30.5 45.7



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: 10.59 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF077150.D

Acq: 30 Jan 2015 16:58

Tgt Ion: 136 Resp: 110130

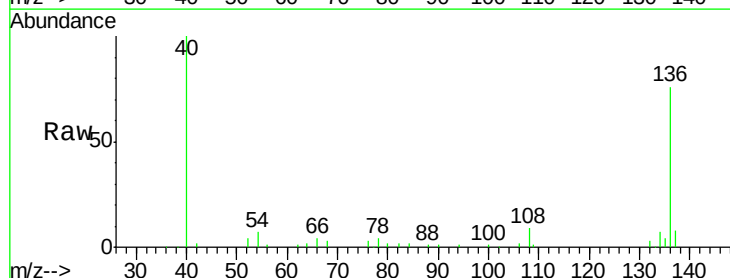
Ion Ratio Lower Upper

136 100

137 10.2 8.1 12.1

54 9.0 7.0 10.4

68 4.4 3.7 5.5

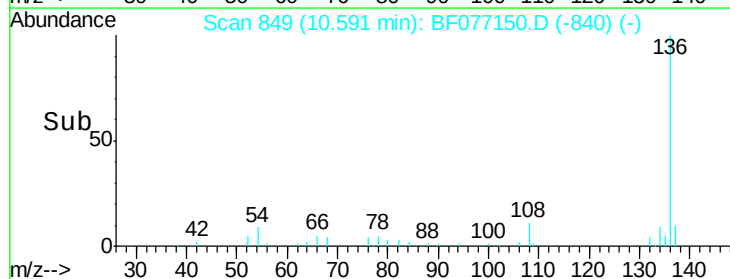
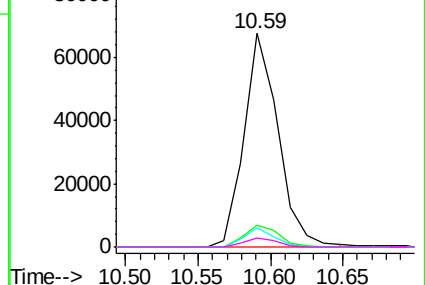


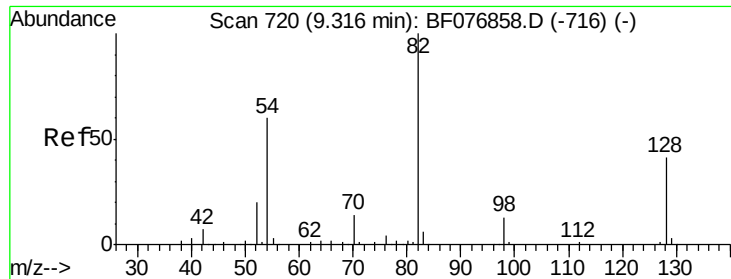
Abundance Ion 136.00 (135.70 to 136.70): E

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

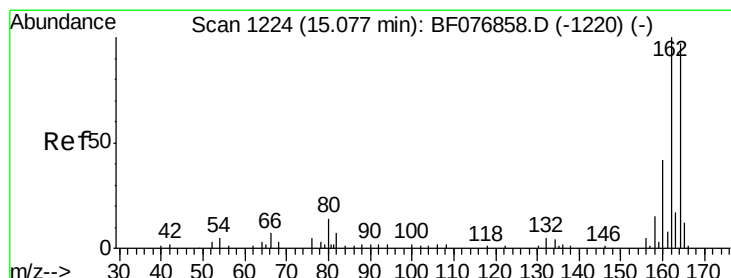
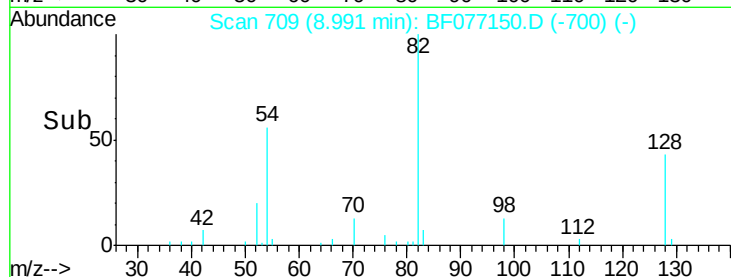
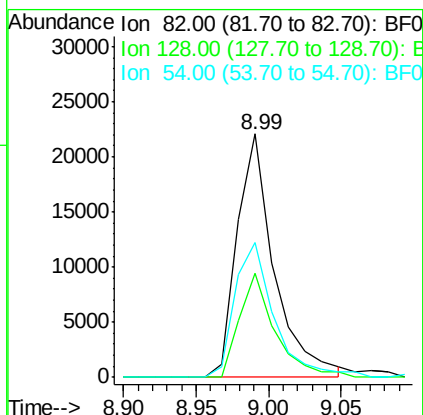
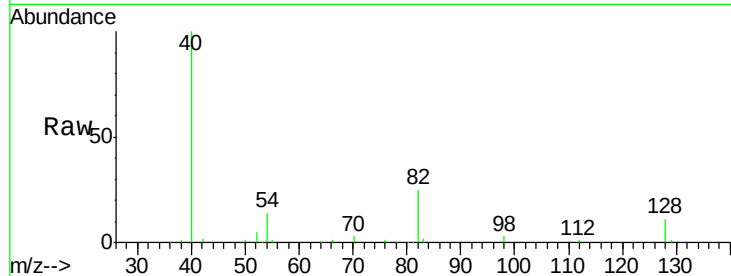




#23
 Nitrobenzene-d5
 Concen: 19.83 ng
 RT: 8.99 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF077150.D
 Acq: 30 Jan 2015 16:58

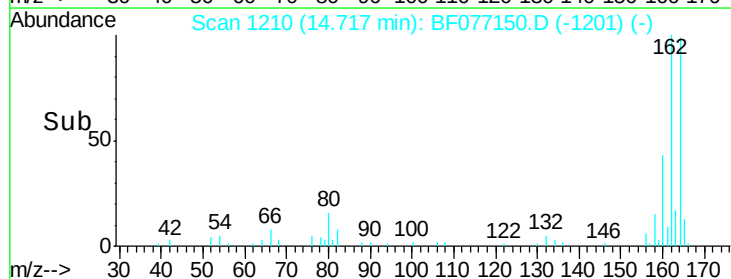
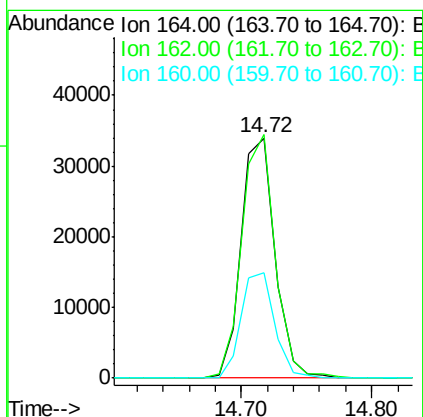
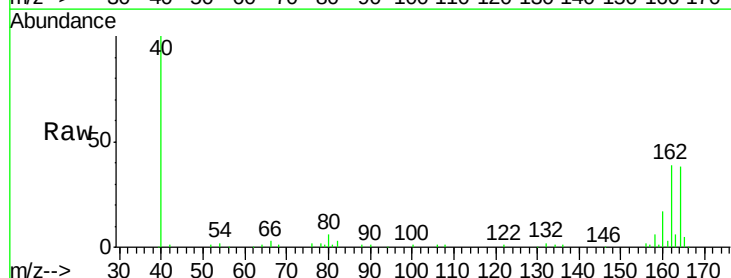
Instrument :
 BNA_F
 ClientSampleId :
 SAND

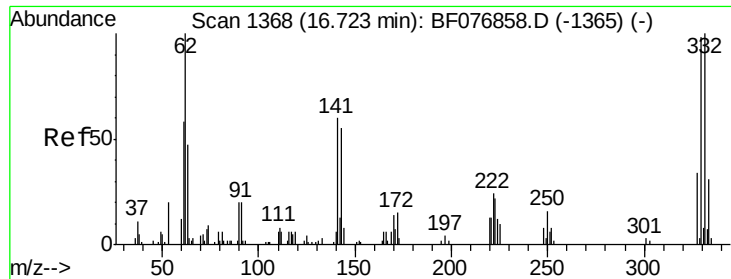
Tgt Ion: 82 Resp: 39416
 Ion Ratio Lower Upper
 82 100
 128 42.5 33.1 49.7
 54 55.6 48.3 72.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF077150.D
 Acq: 30 Jan 2015 16:58

Tgt Ion: 164 Resp: 61330
 Ion Ratio Lower Upper
 164 100
 162 101.3 82.4 123.6
 160 43.7 34.8 52.2

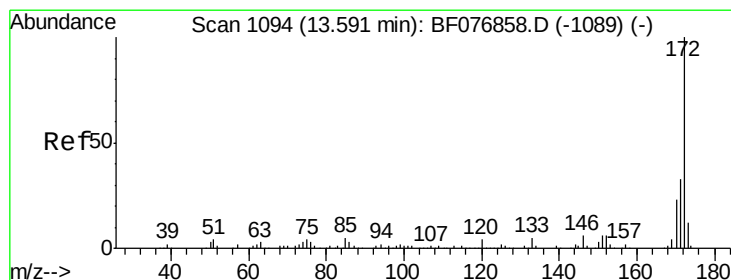
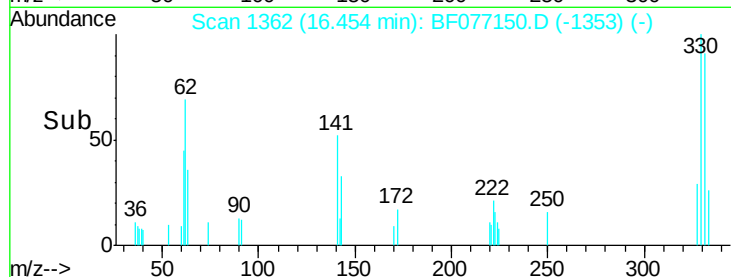
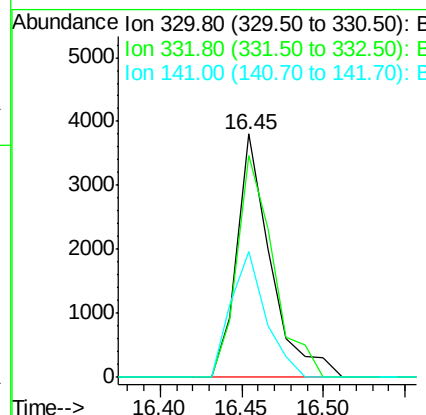
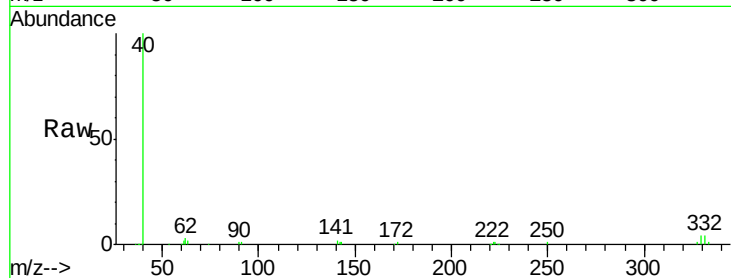




#41
 2,4,6-Tribromophenol
 Concen: 10.99 ng
 RT: 16.45 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BF077150.D
 Acq: 30 Jan 2015 16:58

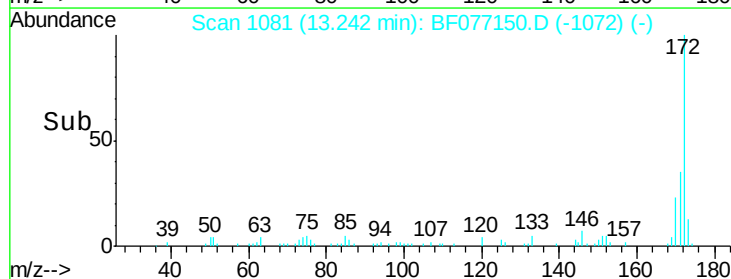
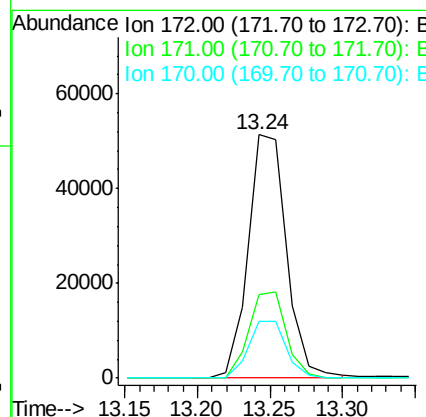
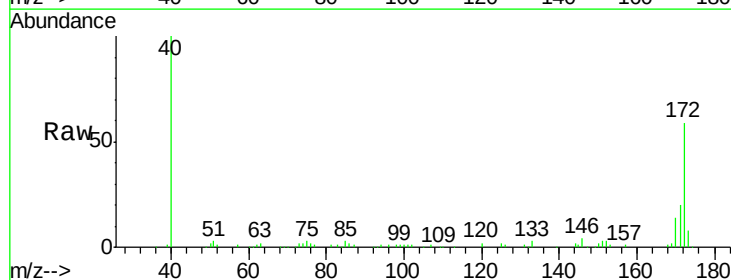
Instrument :
 BNA_F
 ClientSampled :
 SAND

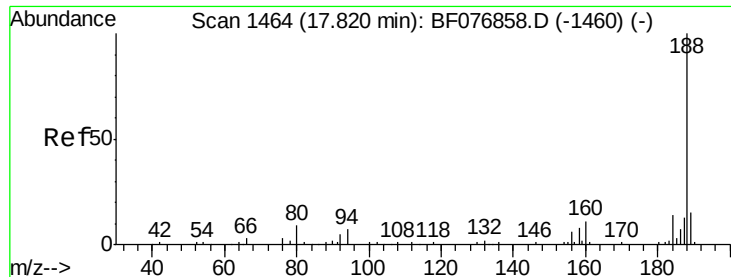
Tgt Ion:330 Resp: 5470
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.8 116.6
 141 53.3 38.5 57.7



#44
 2-Fluorobiphenyl
 Concen: 23.36 ng
 RT: 13.24 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: BF077150.D
 Acq: 30 Jan 2015 16:58

Tgt Ion:172 Resp: 94157
 Ion Ratio Lower Upper
 172 100
 171 34.6 26.6 40.0
 170 23.0 18.0 27.0

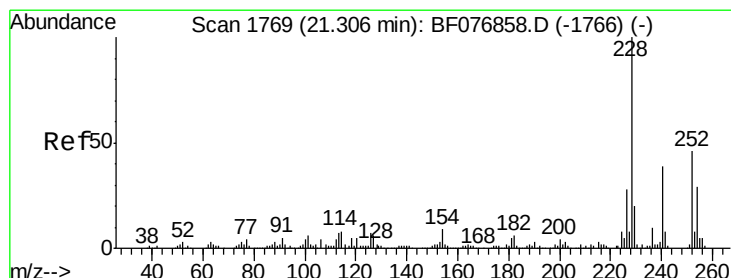
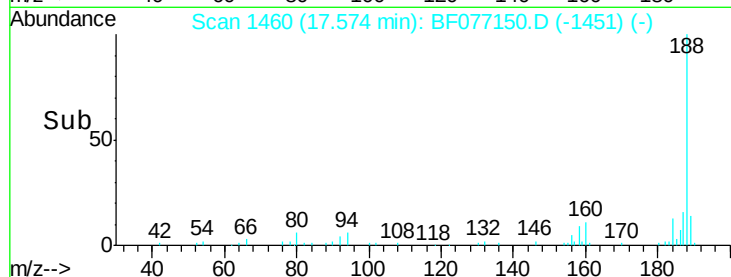
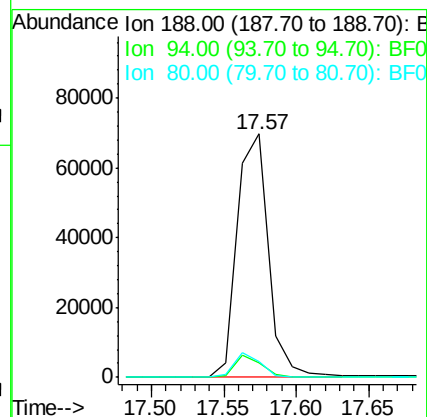
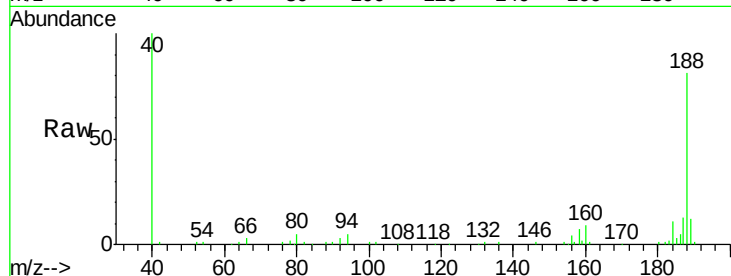




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.57 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF077150.D
 Acq: 30 Jan 2015 16:58

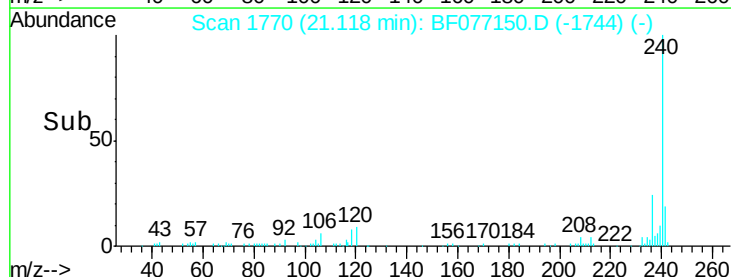
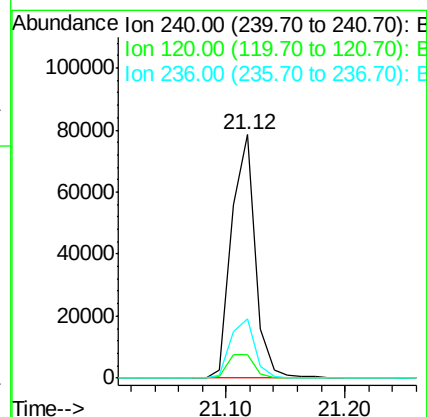
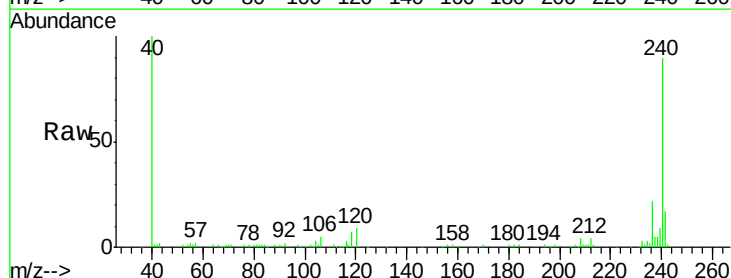
Instrument :
 BNA_F
 ClientSampleId :
 SAND

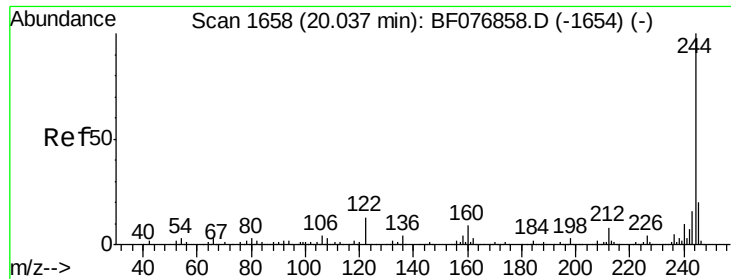
Tgt Ion:188 Resp: 104749
 Ion Ratio Lower Upper
 188 100
 94 5.8 6.0 9.0#
 80 6.4 6.9 10.3#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.12 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: BF077150.D
 Acq: 30 Jan 2015 16:58

Tgt Ion:240 Resp: 107774
 Ion Ratio Lower Upper
 240 100
 120 9.5 10.4 15.6#
 236 24.4 20.2 30.2





#78

Terphenyl-d14

Concen: 24.63 ng

RT: 19.81 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BF077150.D

Acq: 30 Jan 2015 16:58

Instrument :

BNA_F

ClientSampleId :

SAND

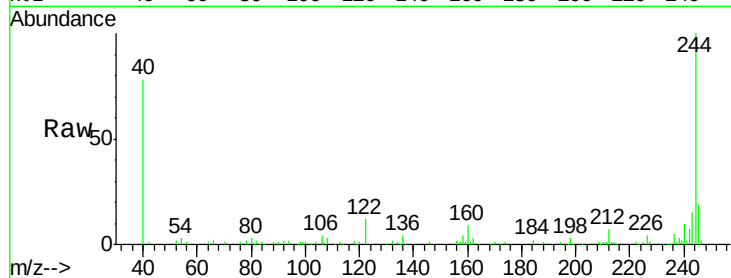
Tgt Ion:244 Resp: 115287

Ion Ratio Lower Upper

244 100

212 7.3 6.3 9.5

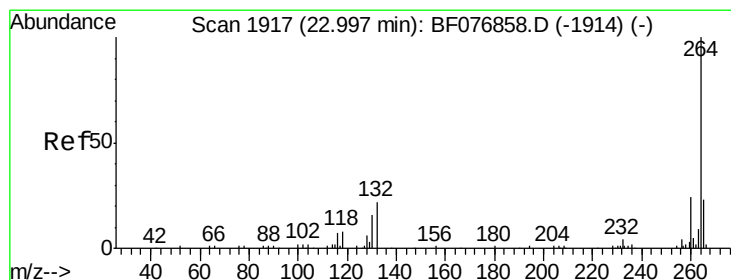
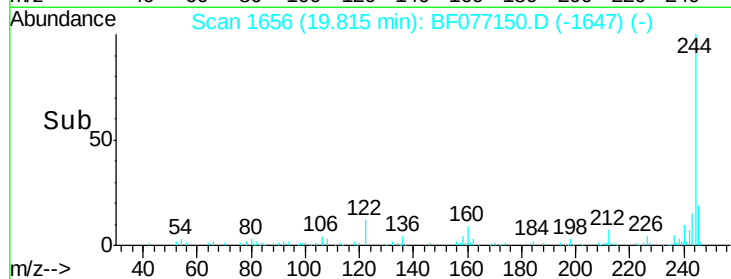
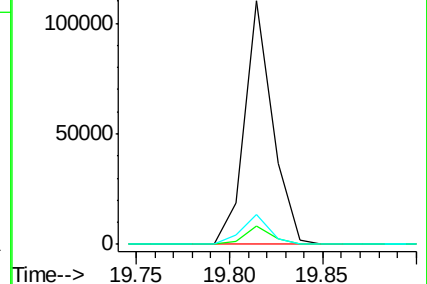
122 12.4 10.1 15.1



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: 22.92 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BF077150.D

Acq: 30 Jan 2015 16:58

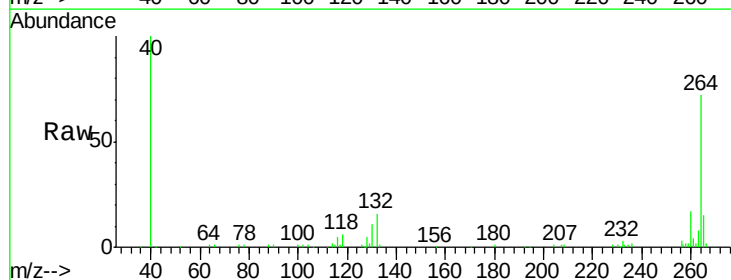
Tgt Ion:264 Resp: 97650

Ion Ratio Lower Upper

264 100

260 24.4 19.0 28.4

265 21.5 18.1 27.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

