

Data Path : Z:\HPCHEM1\BNA F\Data\BF013015\
 Data File : BF077147.D
 Acq On : 30 Jan 2015 15:15
 Operator : TP/IZ
 Sample : PB81569BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 22:24:46 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 30 22:07:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	25756	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	112139	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	59802	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	106543	20.00	ng	0.00
75) Chrysene-d12	21.17	240	112786	20.00	ng	0.10
86) Perylene-d12	0.00	264	0	0.00	ng	-22.73
System Monitoring Compounds						
5) 2-Fluorophenol	4.70	112	185485	118.41	ng	0.00
7) Phenol-d6	7.09	99	226819	114.78	ng	0.00
23) Nitrobenzene-d5	8.99	82	139859	69.10	ng	0.00
41) 2,4,6-Tribromophenol	16.45	330	52345	107.83	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	289895	73.77	ng	0.00
78) Terphenyl-d14	0.00	244	0	0.00	ng	

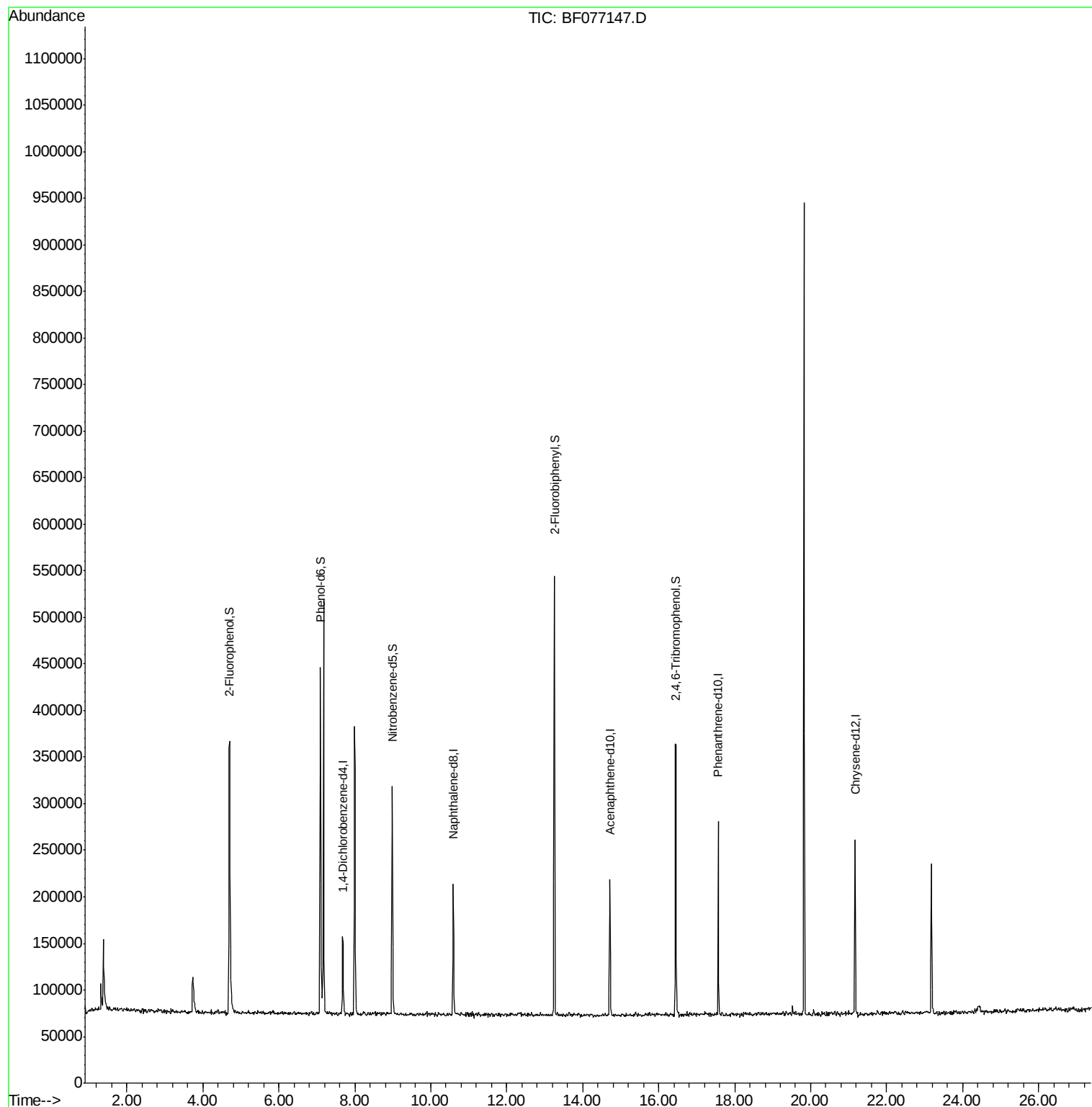
Target Compounds Qvalue

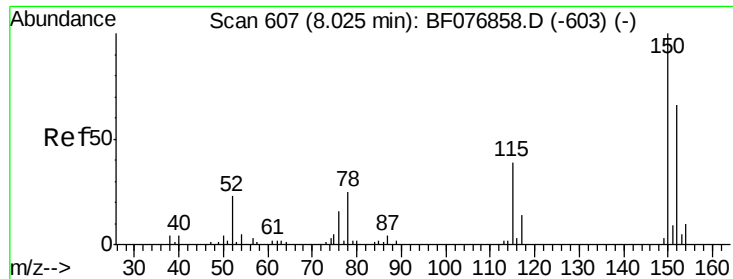
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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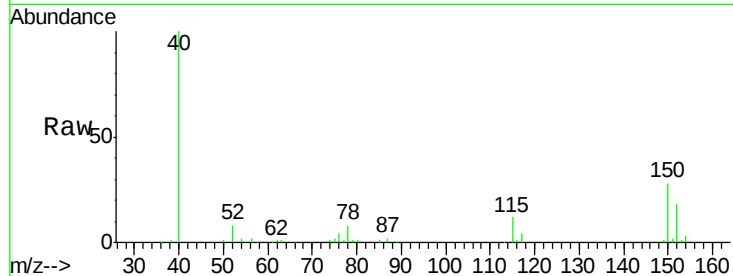


#1

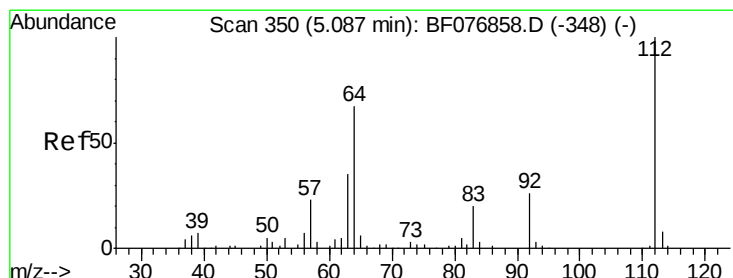
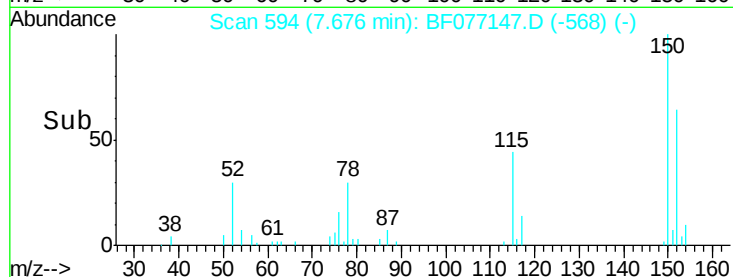
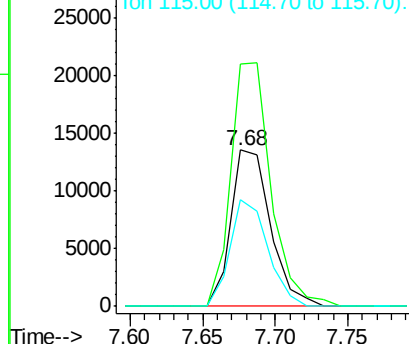
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF077147.D
Acq: 30 Jan 2015 15:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 25756
Ion Ratio Lower Upper
152 100
150 155.2 121.7 182.5
115 68.3 47.0 70.6



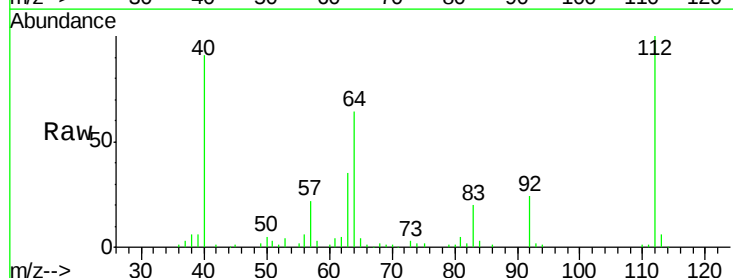
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



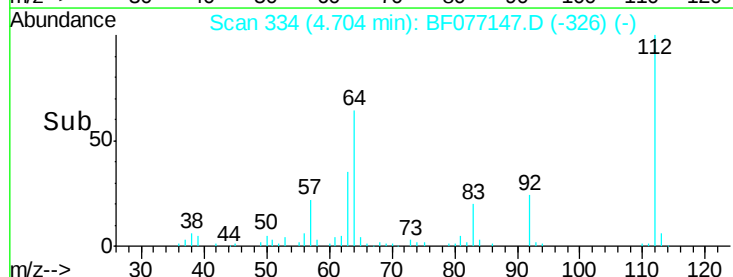
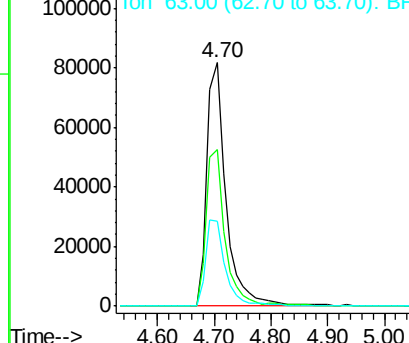
#5

2-Fluorophenol
Concen: 118.41 ng
RT: 4.70 min Scan# 334
Delta R.T. -0.01 min
Lab File: BF077147.D
Acq: 30 Jan 2015 15:15

Tgt Ion:112 Resp: 185485
Ion Ratio Lower Upper
112 100
64 64.2 54.2 81.4
63 34.9 28.4 42.6



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: 114.78 ng

RT: 7.09 min Scan# 543

Delta R.T. -0.01 min

Lab File: BF077147.D

Acq: 30 Jan 2015 15:15

Instrument :

BNA_F

ClientSampleId :

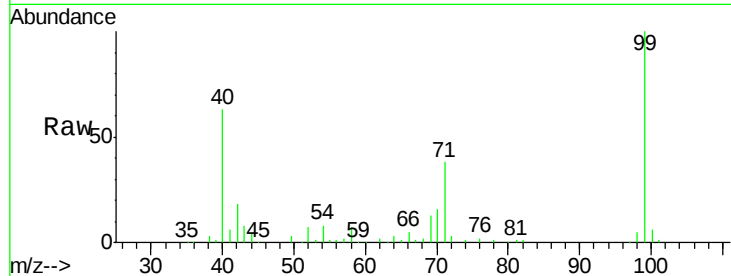
Tot Ion: 99 Resp: 226819

Ion Ratio Lower Upper

99 100

42 17.7 15.0 22.4

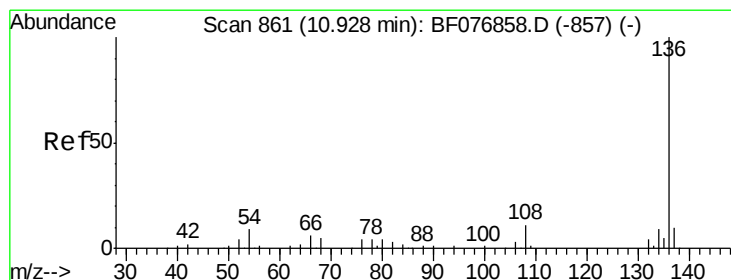
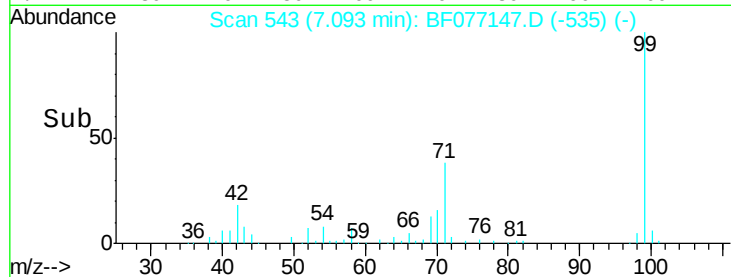
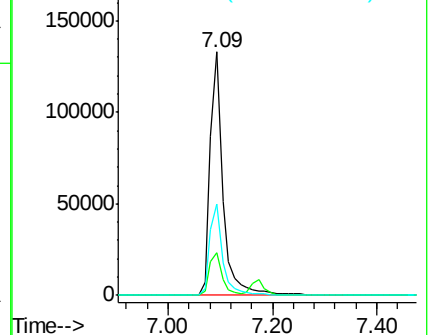
71 37.6 30.5 45.7



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. -0.01 min

Lab File: BF077147.D

Acq: 30 Jan 2015 15:15

Tgt Ion: 136 Resp: 112139

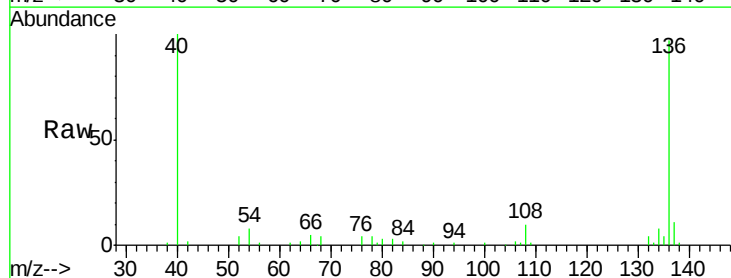
Ion Ratio Lower Upper

136 100

137 11.1 8.1 12.1

54 8.4 7.0 10.4

68 4.3 3.7 5.5

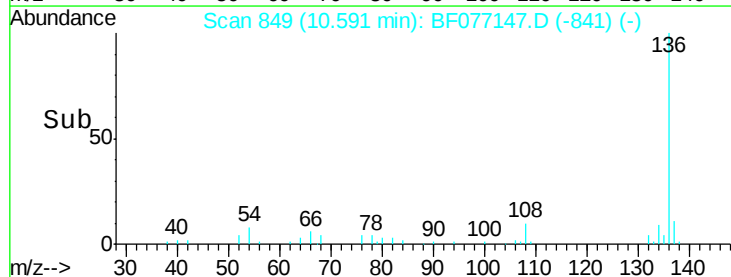
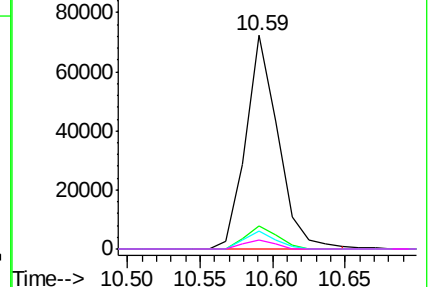


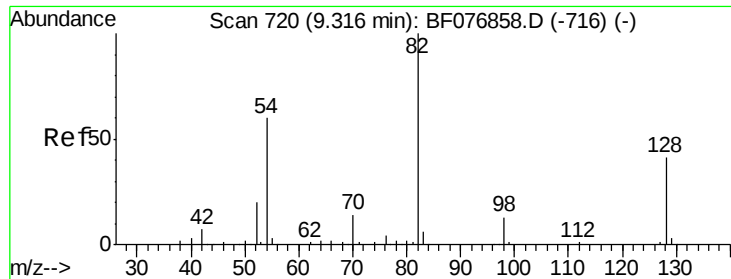
Abundance Ion 136.00 (135.70 to 136.70): E

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

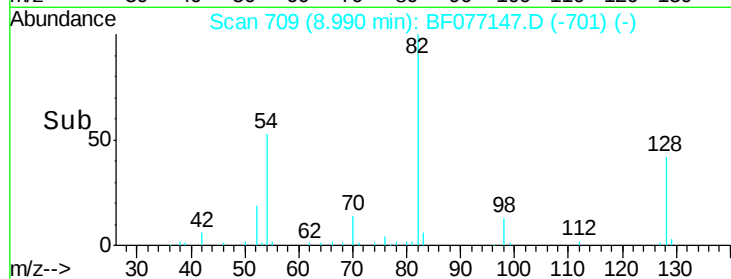
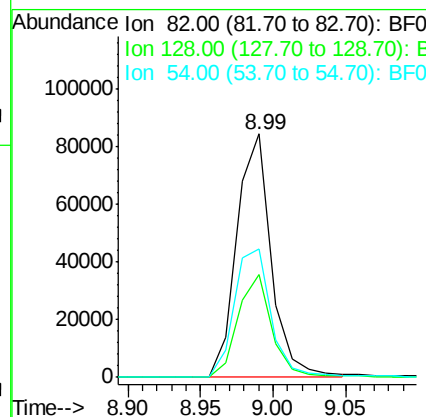
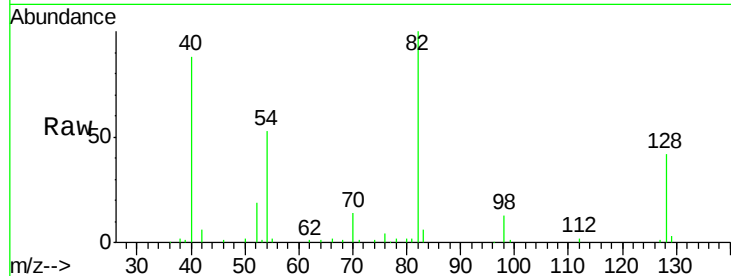




#23
 Nitrobenzene-d5
 Concen: 69.10 ng
 RT: 8.99 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF077147.D
 Acq: 30 Jan 2015 15:15

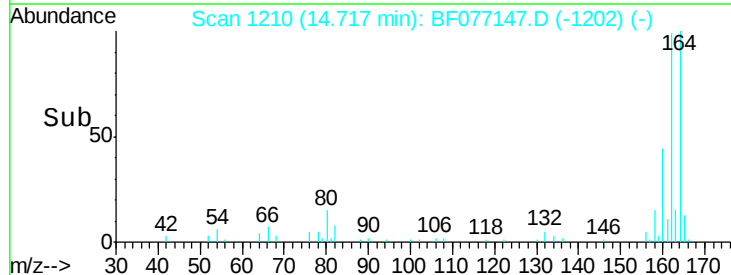
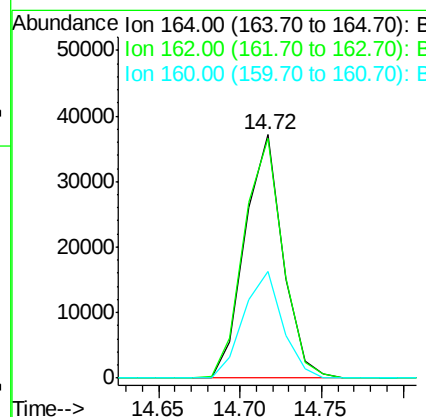
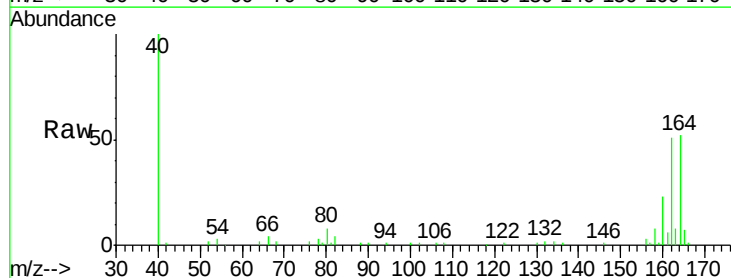
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 139859
 Ion Ratio Lower Upper
 82 100
 128 42.4 33.1 49.7
 54 52.7 48.3 72.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF077147.D
 Acq: 30 Jan 2015 15:15

Tgt Ion: 164 Resp: 59802
 Ion Ratio Lower Upper
 164 100
 162 98.6 82.4 123.6
 160 43.7 34.8 52.2

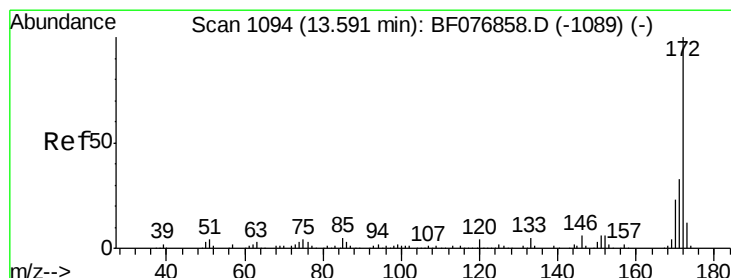
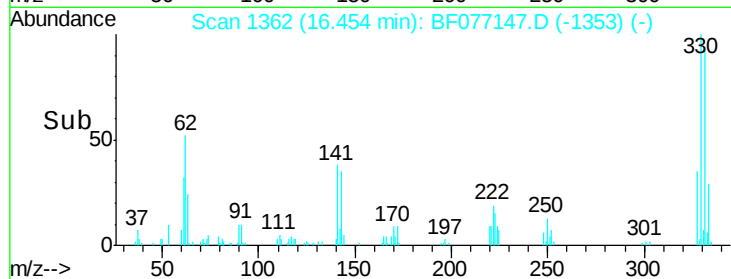
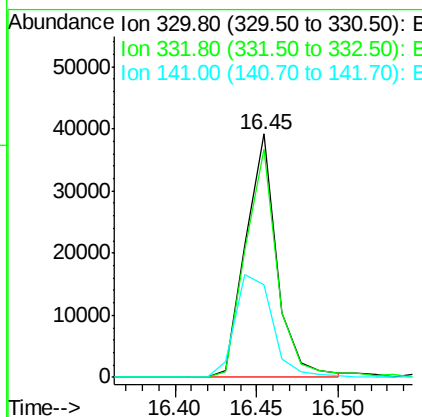
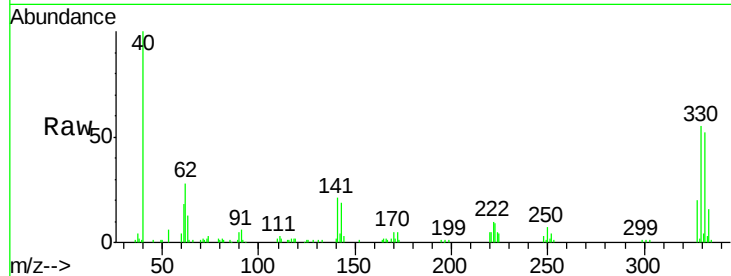




#41
 2,4,6-Tribromophenol
 Concen: 107.83 ng
 RT: 16.45 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF077147.D
 Acq: 30 Jan 2015 15:15

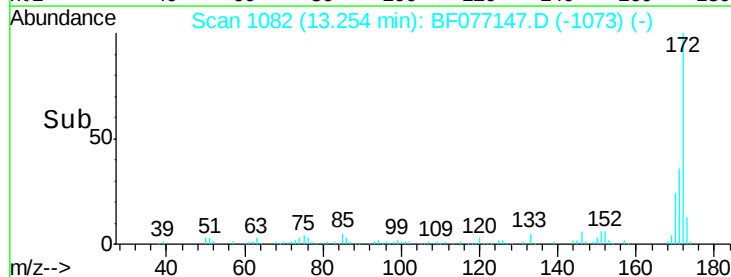
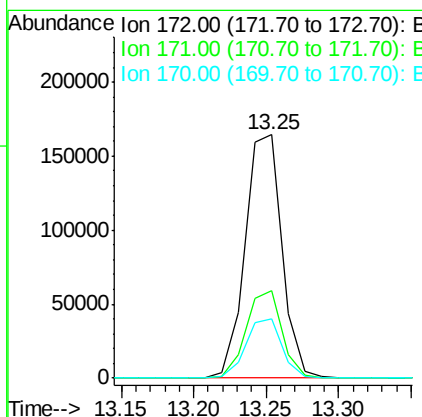
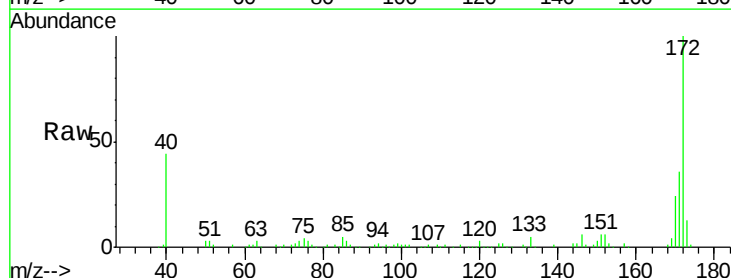
Instrument :
 BNA_F
 ClientSampleId :

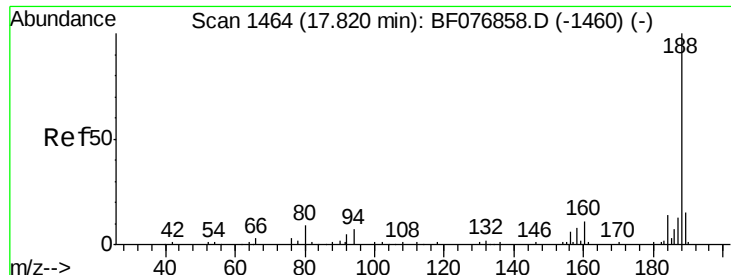
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.8	116.6
141	50.5	38.5	57.7



#44
 2-Fluorobiphenyl
 Concen: 73.77 ng
 RT: 13.25 min Scan# 1082
 Delta R.T. 0.01 min
 Lab File: BF077147.D
 Acq: 30 Jan 2015 15:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	26.6	40.0
170	24.3	18.0	27.0

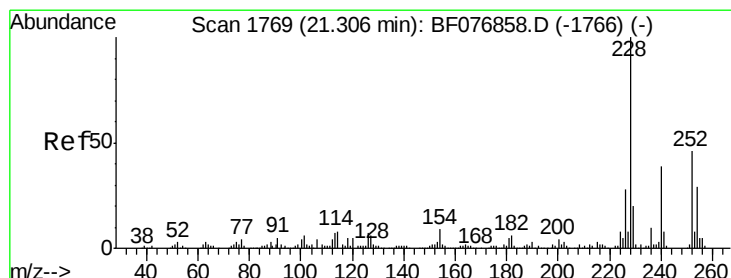
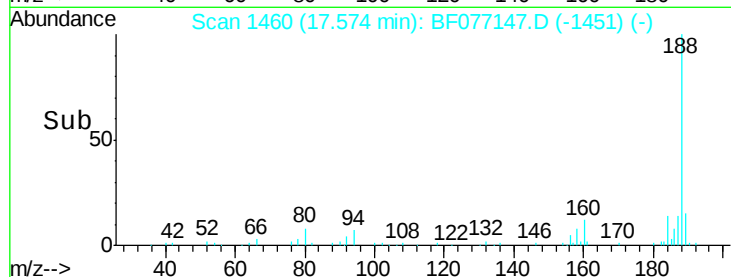
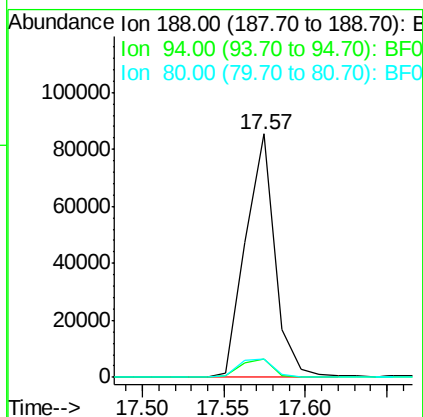
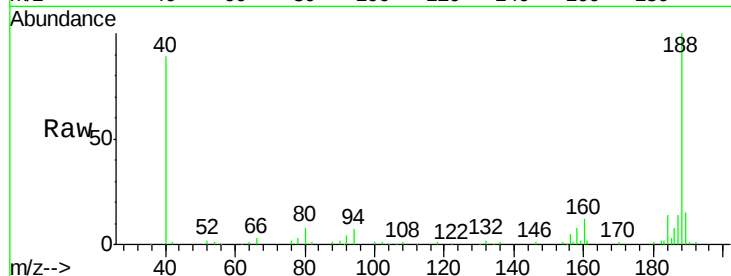




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 1460
Delta R.T. 0.01 min
Lab File: BF077147.D
Acq: 30 Jan 2015 15:15

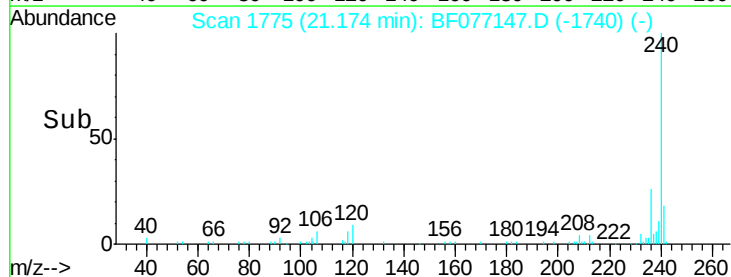
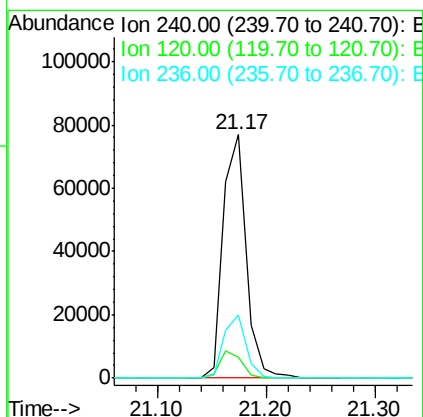
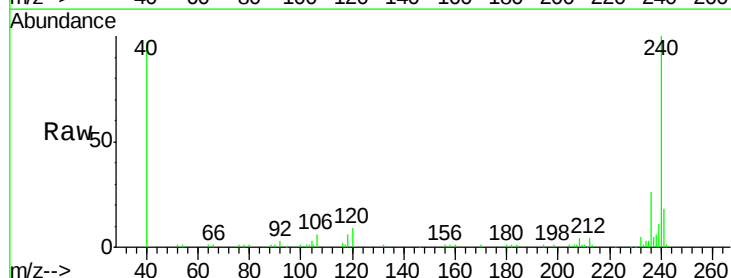
Instrument :
BNA_F
ClientSampleId :

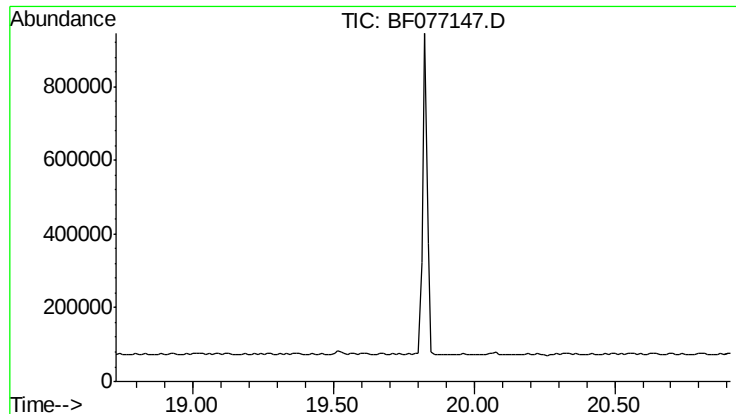
Tot Ion:188 Resp: 106543
Ion Ratio Lower Upper
188 100
94 7.4 6.0 9.0
80 7.5 6.9 10.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.17 min Scan# 1775
Delta R.T. 0.10 min
Lab File: BF077147.D
Acq: 30 Jan 2015 15:15

Tgt Ion:240 Resp: 112786
Ion Ratio Lower Upper
240 100
120 8.5 10.4 15.6#
236 25.7 20.2 30.2





#78

Terphenyl-d14

Concen: 0.00 ng

Expected RT: 19.82 min

Lab File: BF077147.D

Acq: 30 Jan 2015 15:15

Instrument :

BNA_F

ClientSampleId :

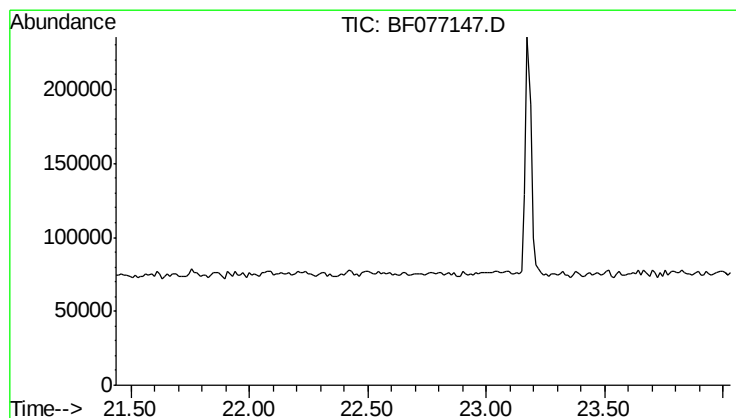
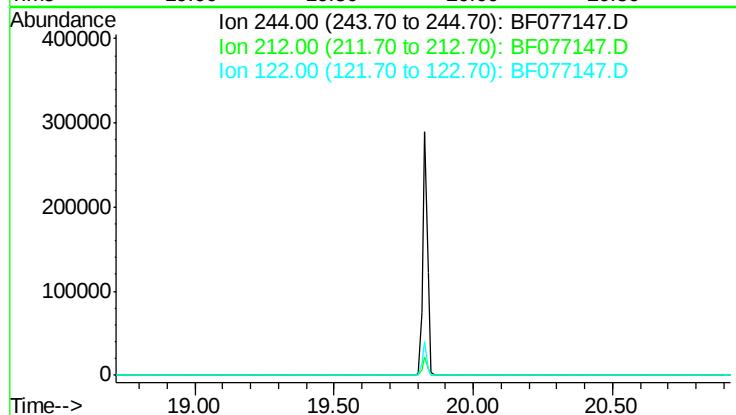
Tot Ion: 244

Sig Exp Ratio

244 100

212 7.9

122 12.6



#86

Perylene-d12

Concen: 0.00 ng

Expected RT: 22.73 min

Lab File: BF077147.D

Acq: 30 Jan 2015 15:15

Tgt Ion: 264

Sig Exp Ratio

264 100

260 23.7

265 22.6

