

Data Path : Z:\HPCHEM1\BNA F\Data\BF020315\
 Data File : BF077167.D
 Acq On : 3 Feb 2015 18:18
 Operator : TP/IZ
 Sample : PB81584BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 04 01:26:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 04 01:16:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	24788	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	97997	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	48917	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	101217	20.00	ng	0.00
75) Chrysene-d12	21.07	240	97495	20.00	ng	0.00
86) Perylene-d12	22.71	264	87755	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.69	112	184279	122.23	ng	0.00
7) Phenol-d6	7.08	99	230524	121.21	ng	0.00
23) Nitrobenzene-d5	8.98	82	135909	76.83	ng	-0.01
41) 2,4,6-Tribromophenol	16.44	330	49129	123.73	ng	0.00
44) 2-Fluorobiphenyl	13.24	172	294633	91.66	ng	0.00
78) Terphenyl-d14	19.81	244	357901	84.51	ng	0.00

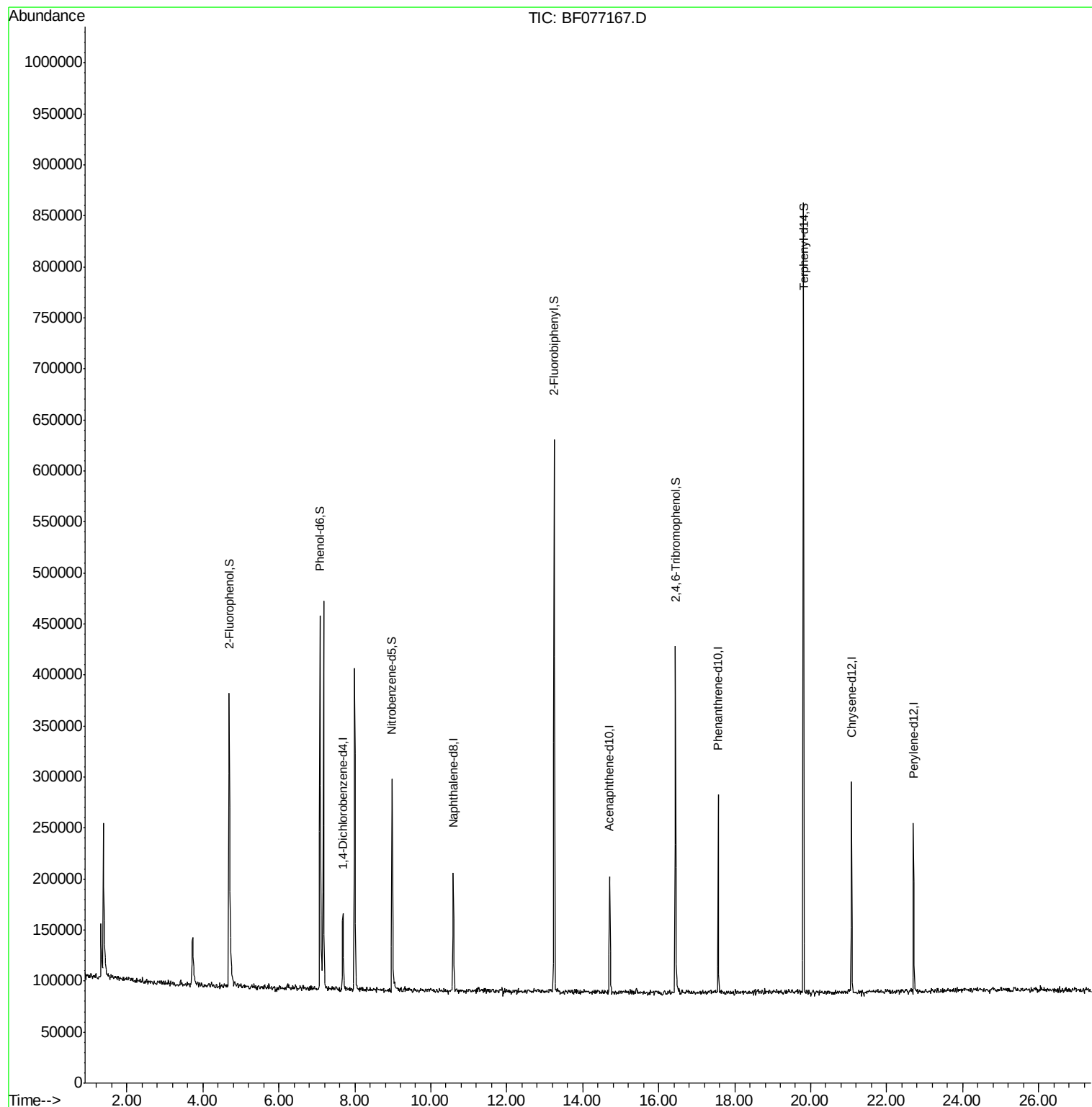
Target Compounds Qvalue

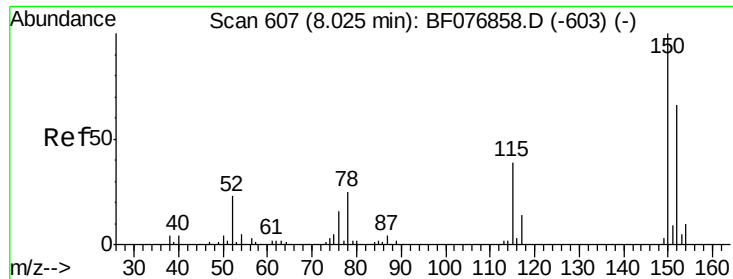
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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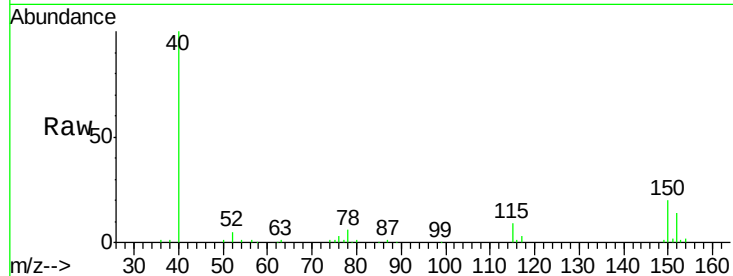


#1

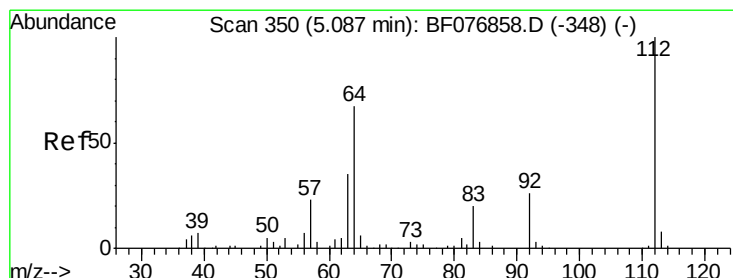
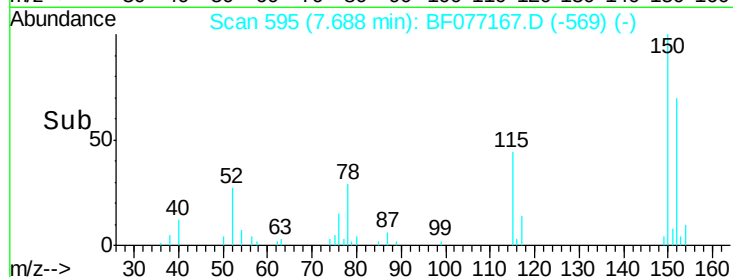
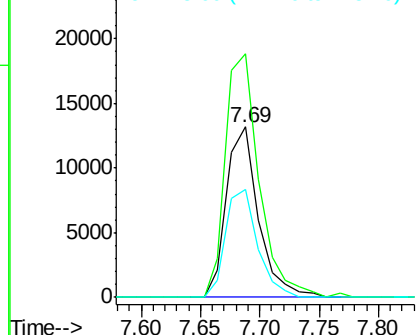
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF077167.D
Acq: 3 Feb 2015 18:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 24788
Ion Ratio Lower Upper
152 100
150 143.0 121.7 182.5
115 63.1 47.0 70.6



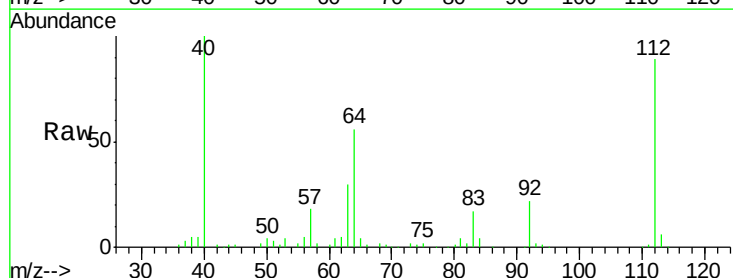
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



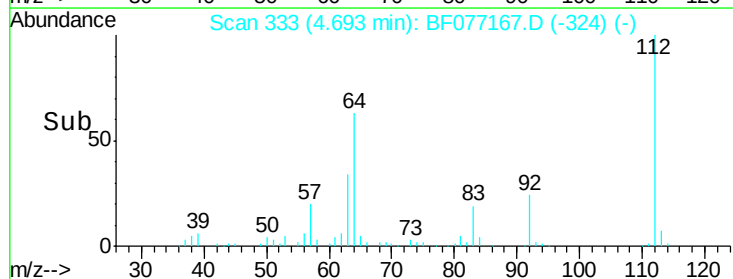
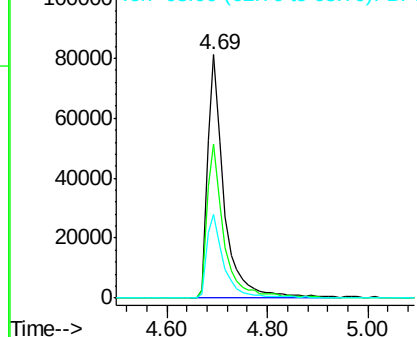
#5

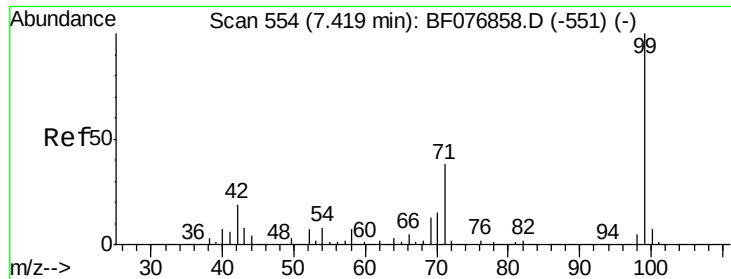
2-Fluorophenol
Concen: 122.23 ng
RT: 4.69 min Scan# 333
Delta R.T. 0.00 min
Lab File: BF077167.D
Acq: 3 Feb 2015 18:18

Tgt Ion:112 Resp: 184279
Ion Ratio Lower Upper
112 100
64 63.4 54.2 81.4
63 34.2 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: 121.21 ng

RT: 7.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF077167.D

Acq: 3 Feb 2015 18:18

Instrument :

BNA_F

ClientSampleId :

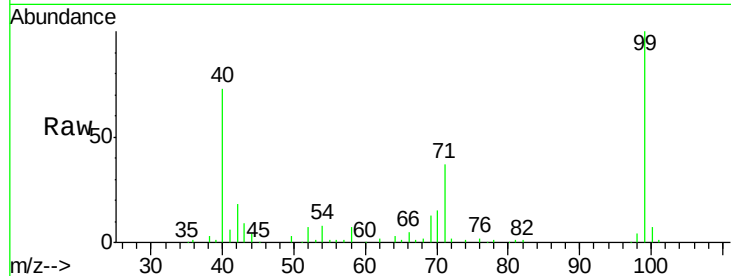
Tot Ion: 99 Resp: 230524

Ion Ratio Lower Upper

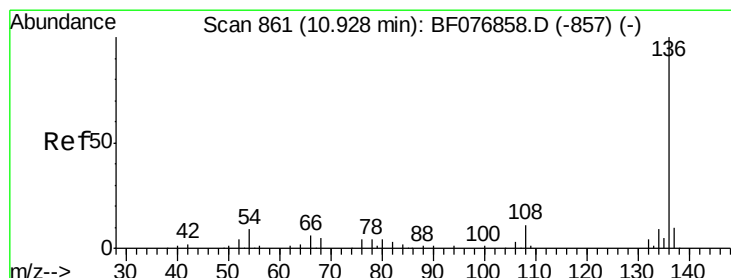
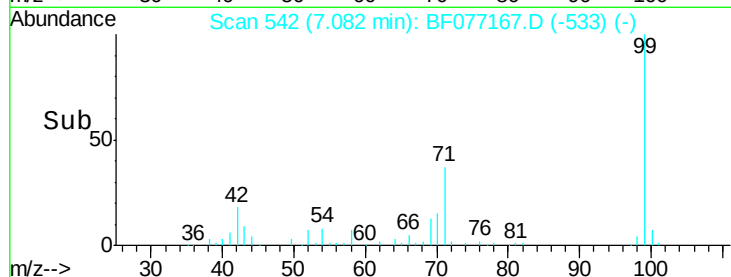
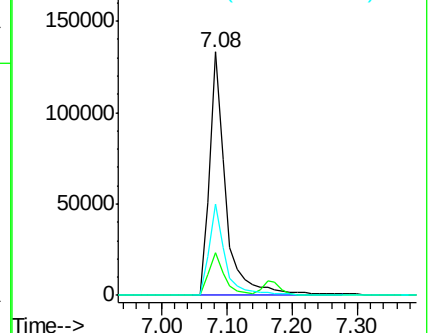
99 100

42 17.6 15.0 22.4

71 37.2 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: BF077167.D

Acq: 3 Feb 2015 18:18

Tgt Ion: 136 Resp: 97997

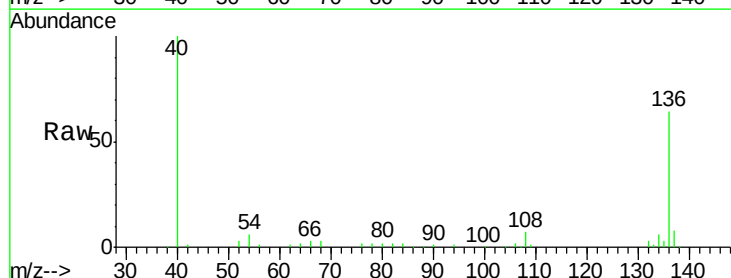
Ion Ratio Lower Upper

136 100

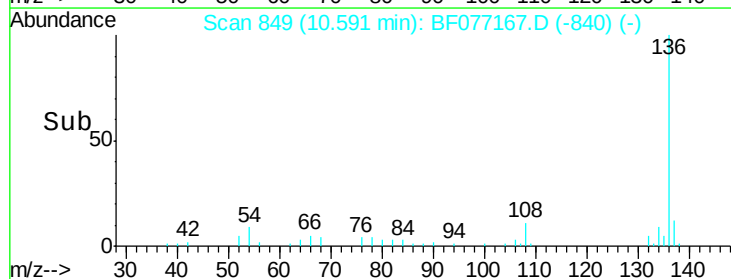
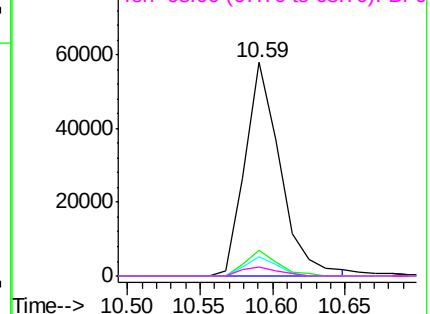
137 11.9 8.1 12.1

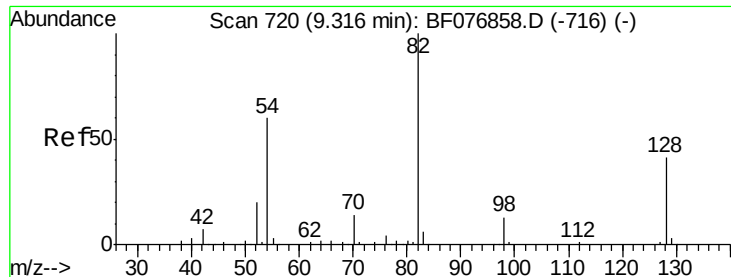
54 8.9 7.0 10.4

68 4.2 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

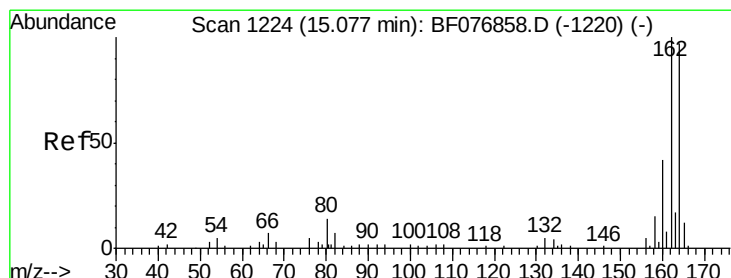
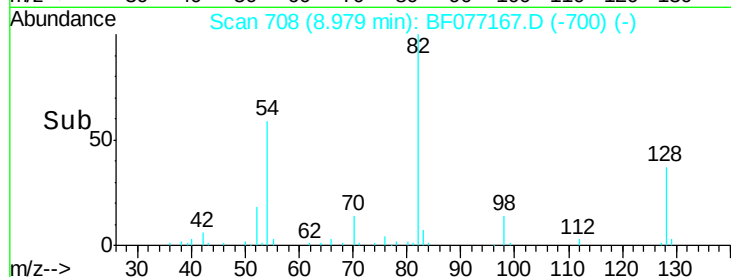
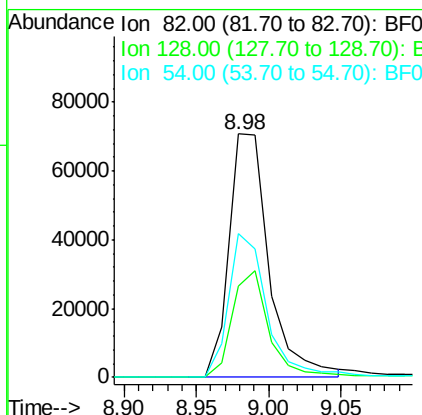
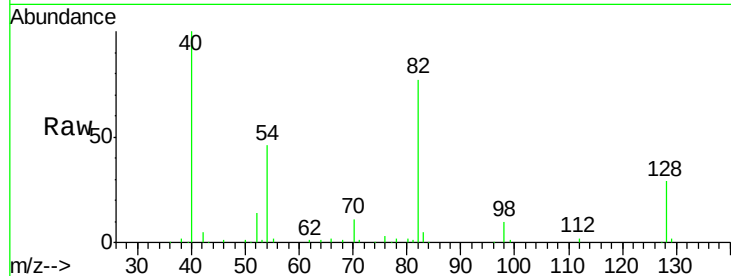




#23
 Nitrobenzene-d5
 Concen: 76.83 ng
 RT: 8.98 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: BF077167.D
 Acq: 3 Feb 2015 18:18

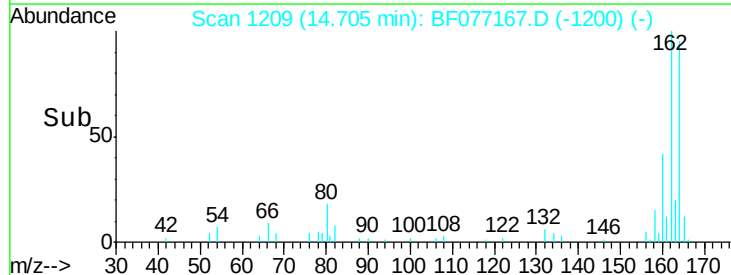
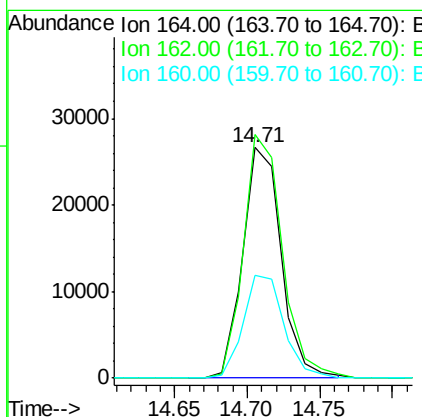
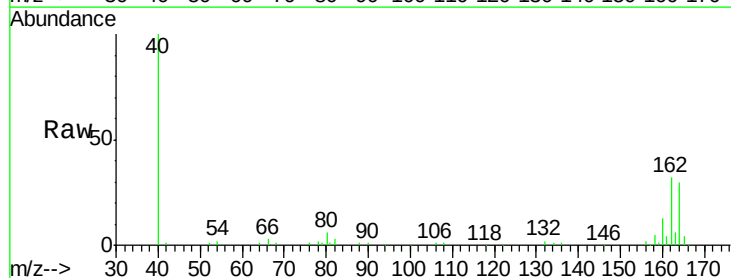
Instrument :
 BNA_F
 ClientSampled :

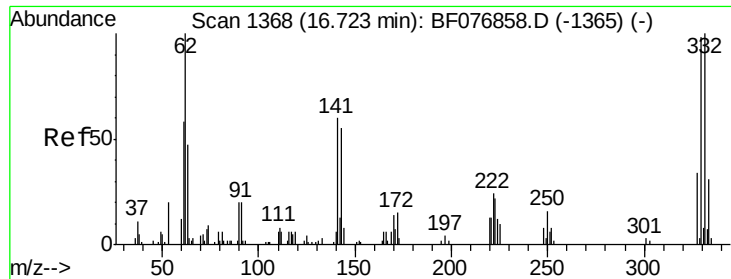
Tot Ion	82	Resp	135909
Ion Ratio	100	Lower	Upper
128	37.3	33.1	49.7
54	58.9	48.3	72.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF077167.D
 Acq: 3 Feb 2015 18:18

Tgt Ion	164	Resp	48917
Ion Ratio	100	Lower	Upper
162	105.7	82.4	123.6
160	44.8	34.8	52.2

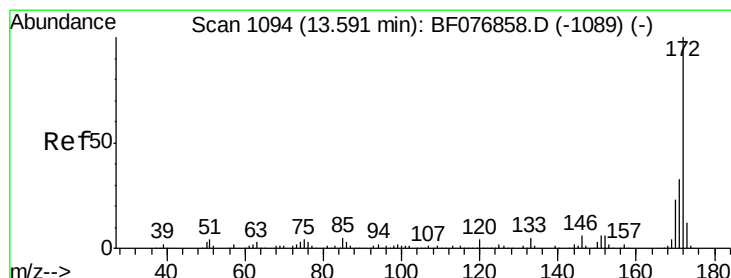
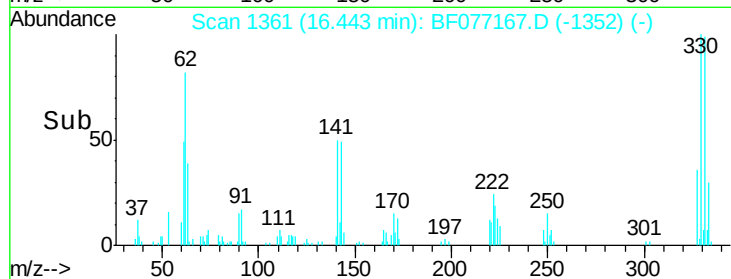
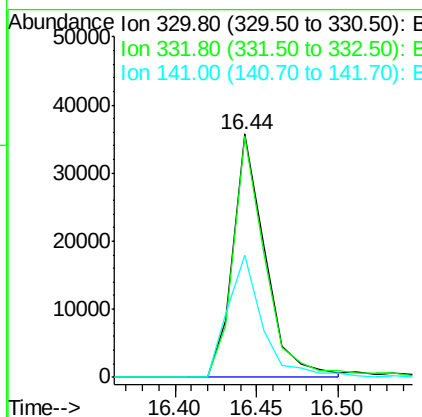
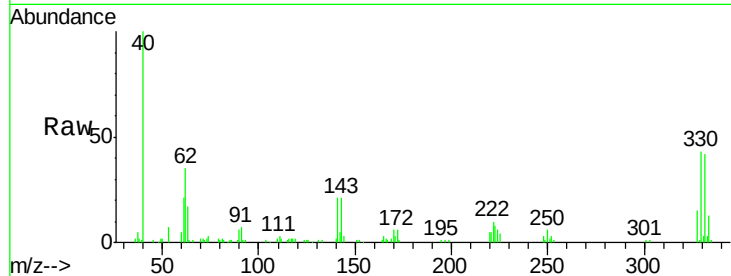




#41
 2,4,6-Tribromophenol
 Concen: 123.73 ng
 RT: 16.44 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BF077167.D
 Acq: 3 Feb 2015 18:18

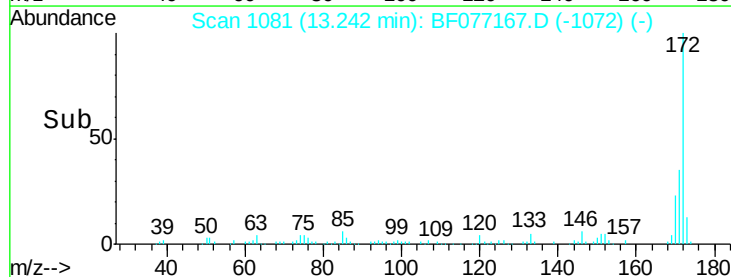
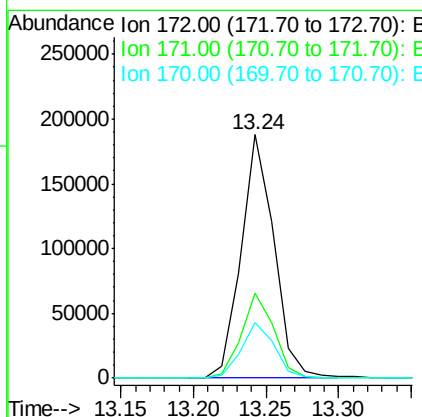
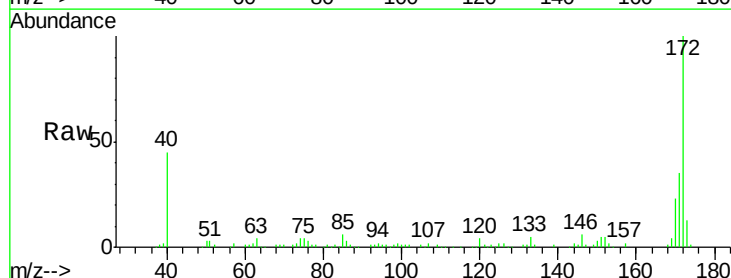
Instrument :
 BNA_F
 ClientSampleId :

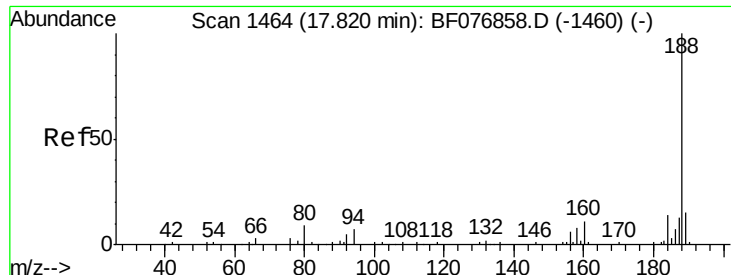
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.8	116.6
141	53.6	38.5	57.7



#44
 2-Fluorobiphenyl
 Concen: 91.66 ng
 RT: 13.24 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: BF077167.D
 Acq: 3 Feb 2015 18:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	26.6	40.0
170	22.9	18.0	27.0

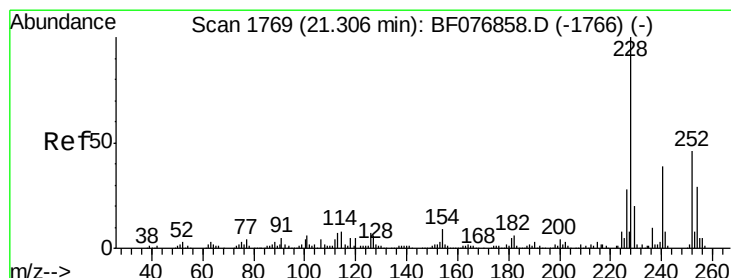
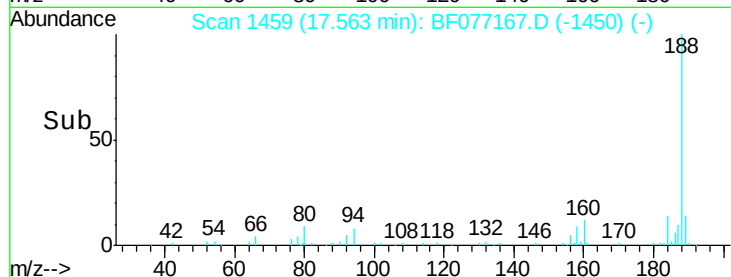
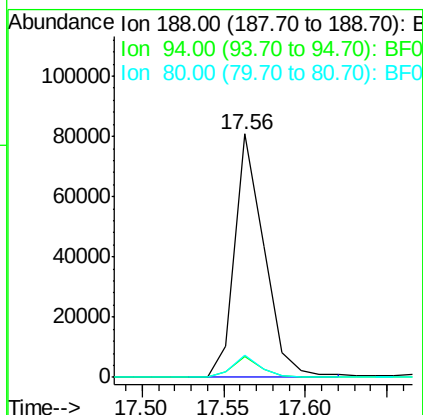
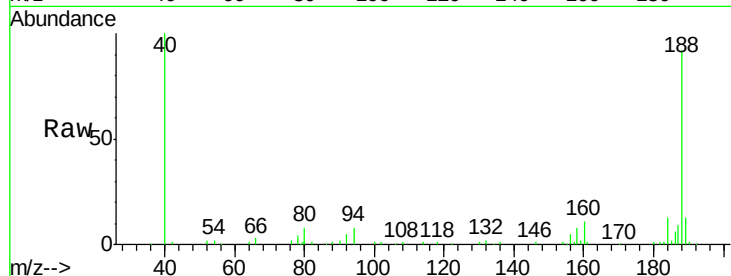




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.56 min Scan# 1459
 Delta R.T. 0.00 min
 Lab File: BF077167.D
 Acq: 3 Feb 2015 18:18

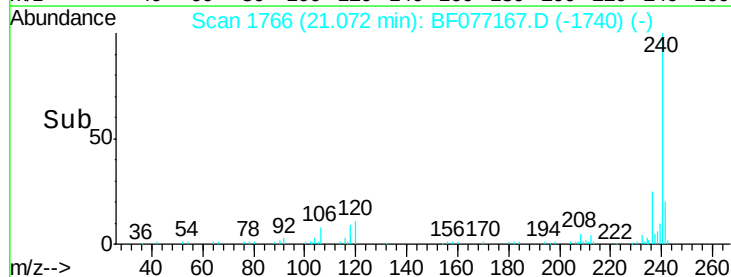
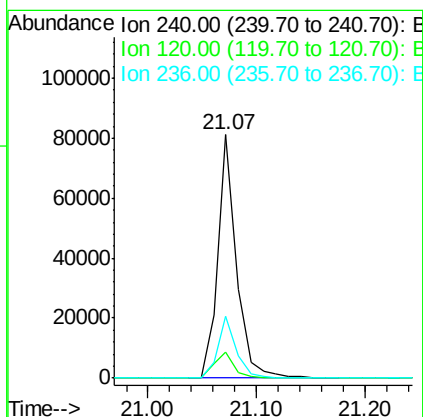
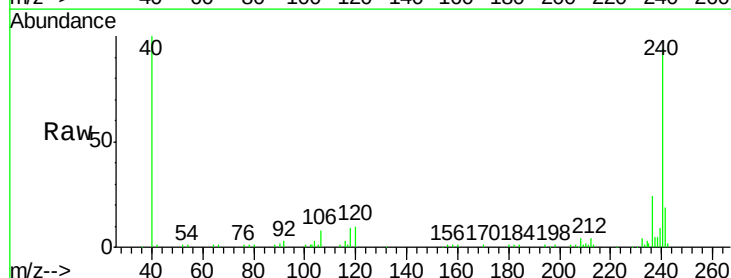
Instrument :
 BNA_F
 ClientSampled :

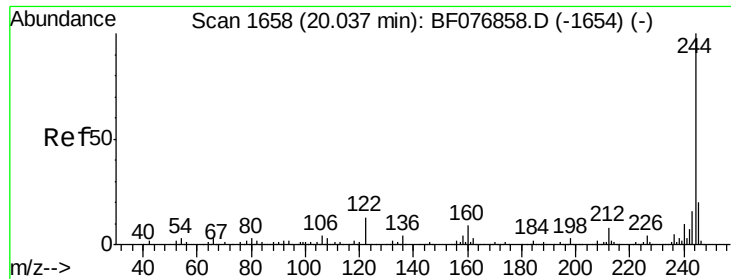
Tot Ion:188 Resp: 101217
 Ion Ratio Lower Upper
 188 100
 94 8.5 6.0 9.0
 80 9.0 6.9 10.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.07 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF077167.D
 Acq: 3 Feb 2015 18:18

Tgt Ion:240 Resp: 97495
 Ion Ratio Lower Upper
 240 100
 120 10.6 10.4 15.6
 236 25.4 20.2 30.2

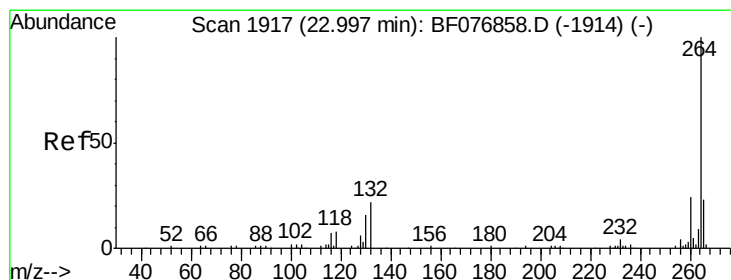
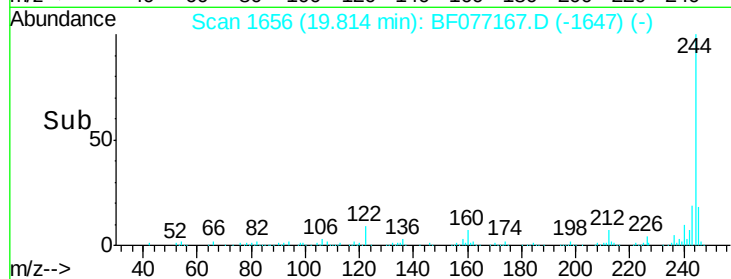
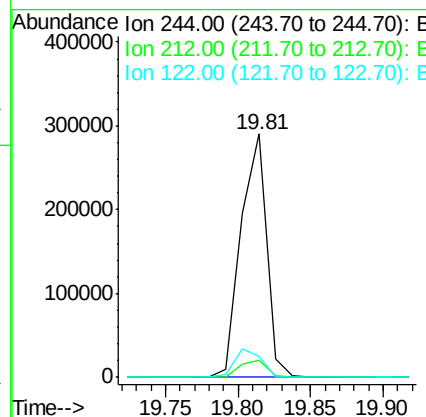
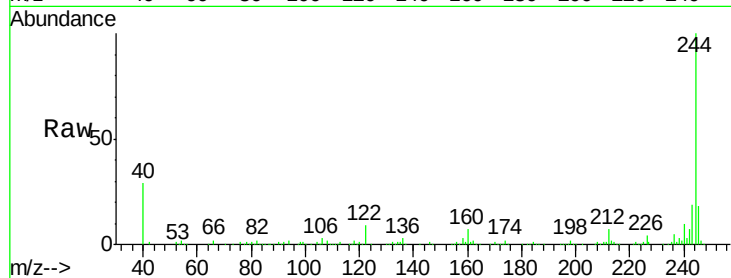




#78
 Terphenyl-d14
 Concen: 84.51 ng
 RT: 19.81 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF077167.D
 Acq: 3 Feb 2015 18:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 357901
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.3 9.5
 122 8.5 10.1 15.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.71 min Scan# 1909
 Delta R.T. -0.01 min
 Lab File: BF077167.D
 Acq: 3 Feb 2015 18:18

Tgt Ion:264 Resp: 87755
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.4
 265 21.8 18.1 27.1

