

Data Path : Z:\HPCHEM1\BNA F\Data\BF012115\
 Data File : BF077004.D
 Acq On : 21 Jan 2015 19:50
 Operator : TP/IZ
 Sample : PB81398BL
 Misc : W
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 22 02:20:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 22 00:29:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	31917	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	133329	20.00	ng	-0.01
38) Acenaphthene-d10	14.88	164	71231	20.00	ng	-0.01
63) Phenanthrene-d10	17.69	188	119837	20.00	ng	0.00
75) Chrysene-d12	21.19	240	120608	20.00	ng	-0.01
86) Perylene-d12	22.85	264	108049	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	238156	122.68	ng	0.00
7) Phenol-d6	7.26	99	302485	123.52	ng	-0.02
23) Nitrobenzene-d5	9.14	82	184722	76.76	ng	-0.01
41) 2,4,6-Tribromophenol	16.59	330	72507	125.40	ng	-0.01
44) 2-Fluorobiphenyl	13.42	172	381850	81.58	ng	0.00
78) Terphenyl-d14	19.92	244	400159	76.38	ng	-0.01

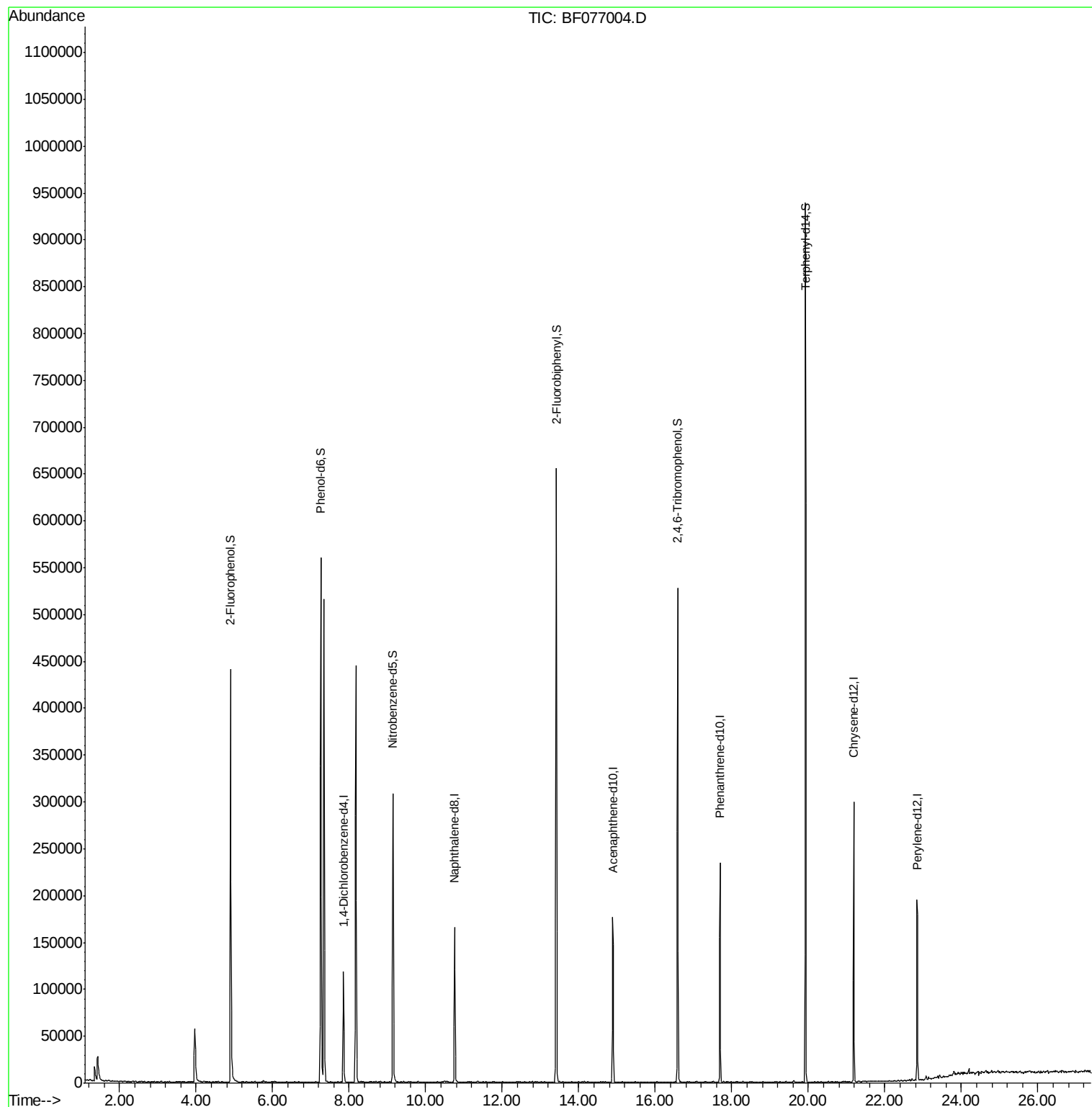
Target Compounds Qvalue

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

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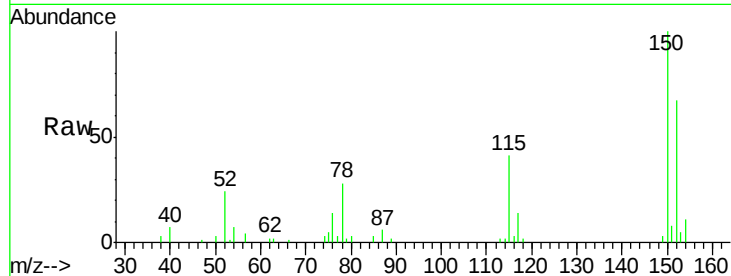


#1

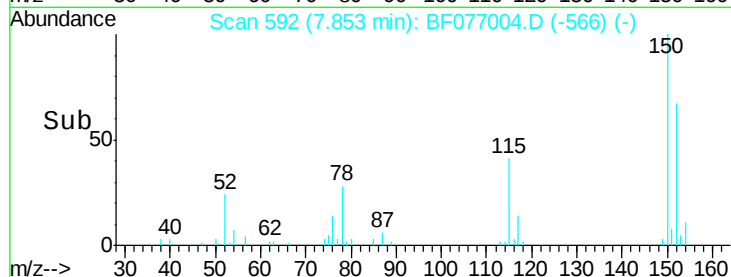
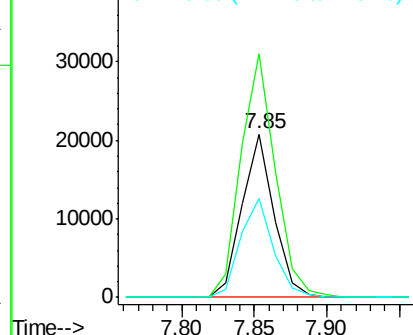
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF077004.D
Acq: 21 Jan 2015 19:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 31917
Ion Ratio Lower Upper
152 100
150 149.0 121.7 182.5
115 60.7 47.0 70.6



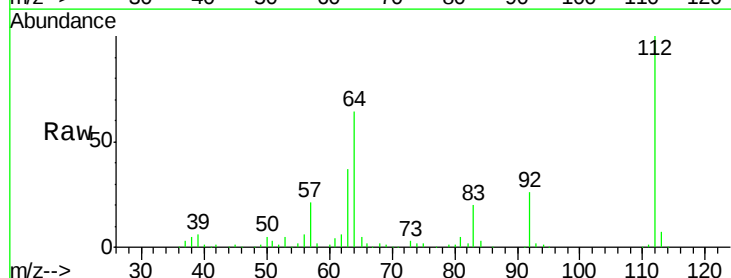
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



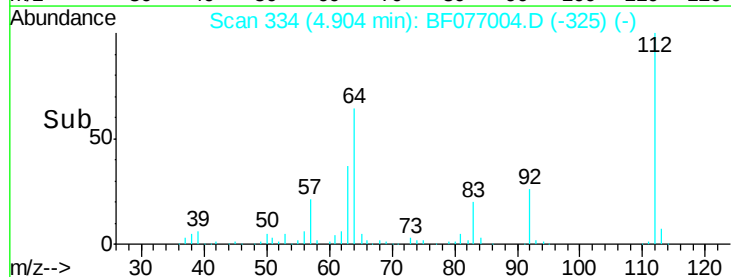
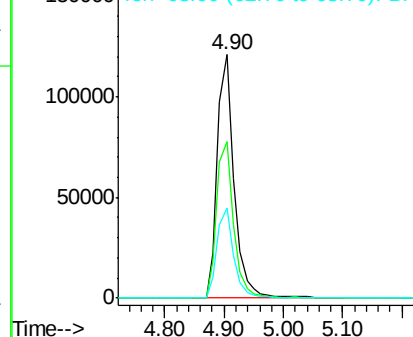
#5

2-Fluorophenol
Concen: 122.68 ng
RT: 4.90 min Scan# 334
Delta R.T. -0.00 min
Lab File: BF077004.D
Acq: 21 Jan 2015 19:50

Tgt Ion:112 Resp: 238156
Ion Ratio Lower Upper
112 100
64 64.5 54.2 81.4
63 36.8 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: 123.52 ng

RT: 7.26 min Scan# 540

Delta R.T. -0.02 min

Lab File: BF077004.D

Acq: 21 Jan 2015 19:50

Instrument :

BNA_F

ClientSampled :

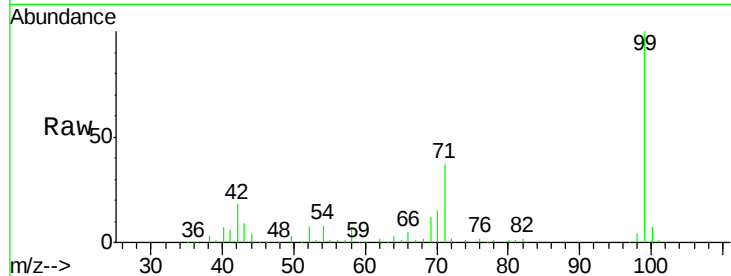
Tot Ion: 99 Resp: 302485

Ion Ratio Lower Upper

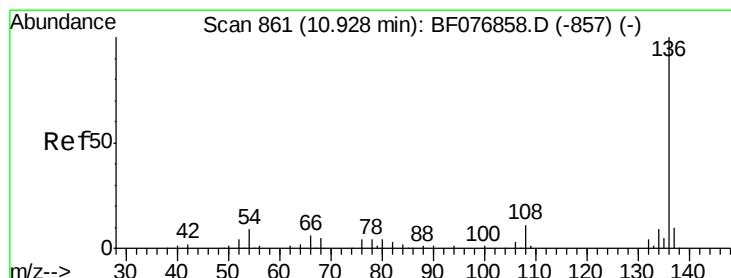
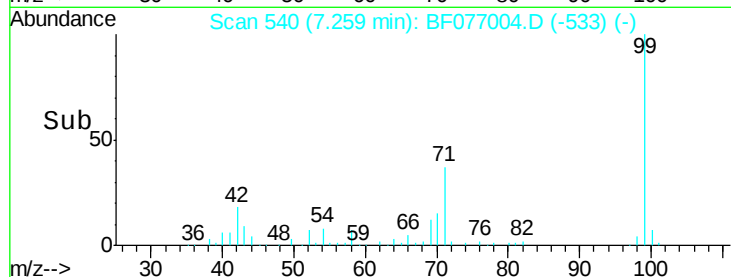
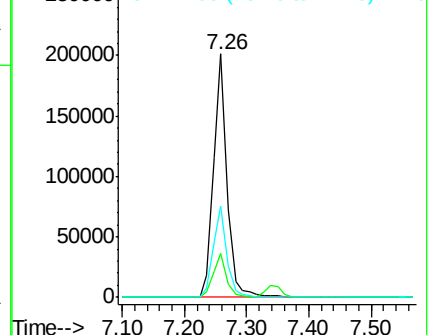
99 100

42 18.0 15.0 22.4

71 37.3 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: 10.76 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF077004.D

Acq: 21 Jan 2015 19:50

Tgt Ion: 136 Resp: 133329

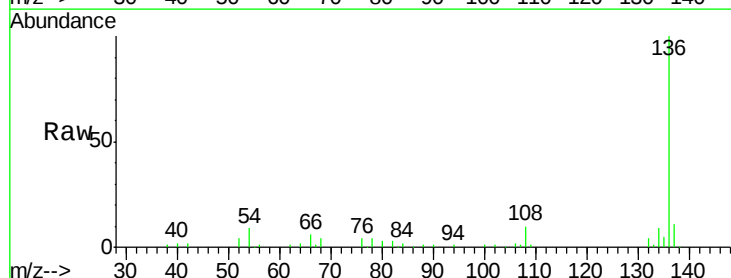
Ion Ratio Lower Upper

136 100

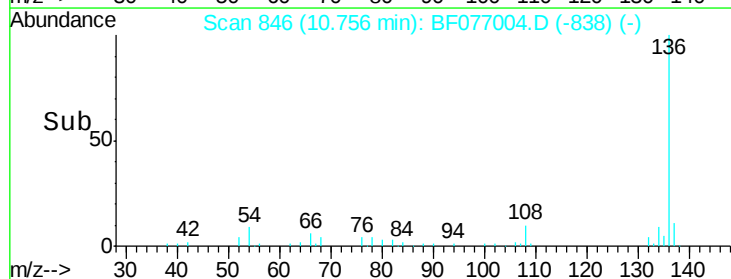
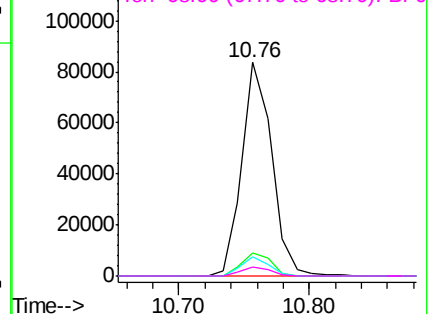
137 11.1 8.1 12.1

54 8.8 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

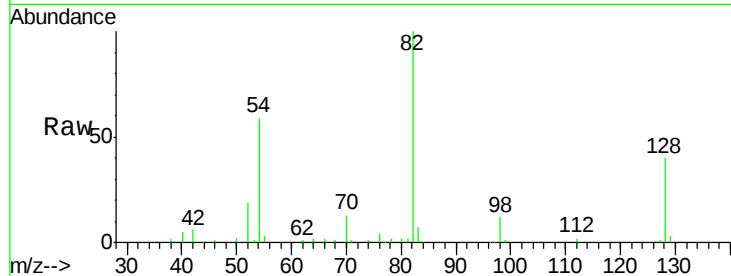




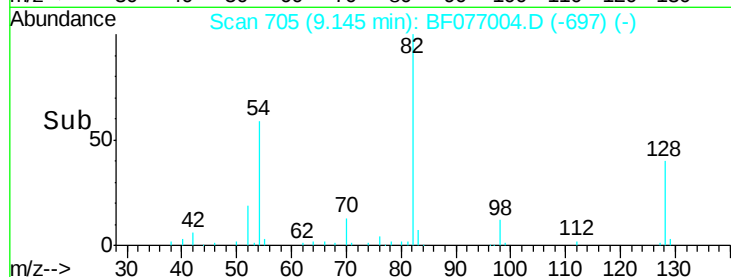
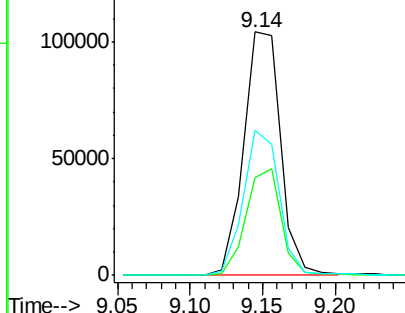
#23
 Nitrobenzene-d5
 Concen: 76.76 ng
 RT: 9.14 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF077004.D
 Acq: 21 Jan 2015 19:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	184722
Ion	Ratio	Lower	Upper
82	100		
128	40.0	33.1	49.7
54	59.5	48.3	72.5

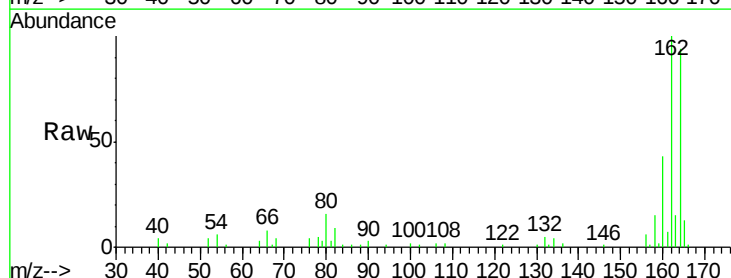


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

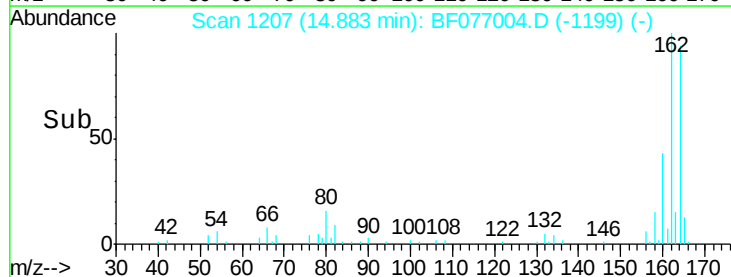
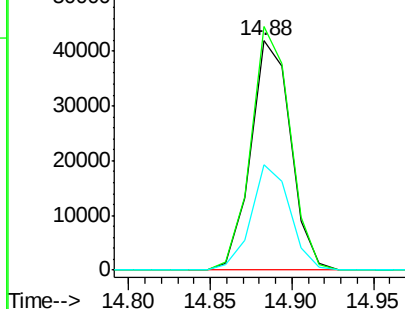


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF077004.D
 Acq: 21 Jan 2015 19:50

Tgt Ion	164	Resp	71231
Ion	Ratio	Lower	Upper
164	100		
162	106.2	82.4	123.6
160	45.7	34.8	52.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

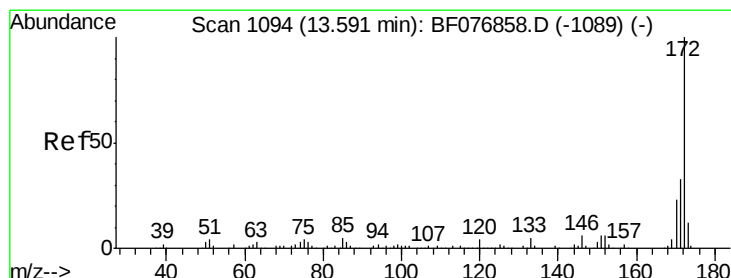
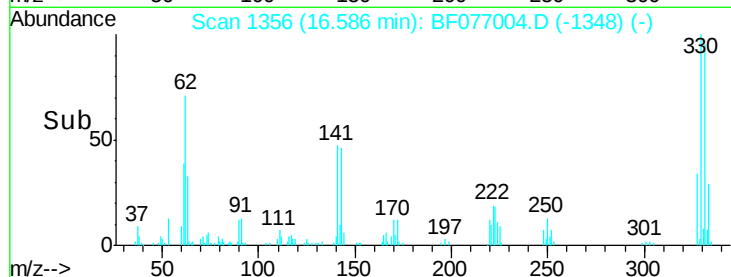
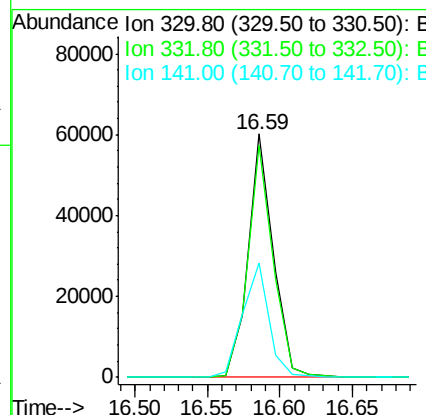
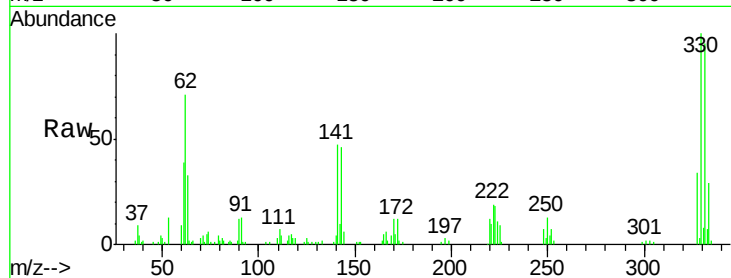




#41
 2,4,6-Tribromophenol
 Concen: 125.40 ng
 RT: 16.59 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF077004.D
 Acq: 21 Jan 2015 19:50

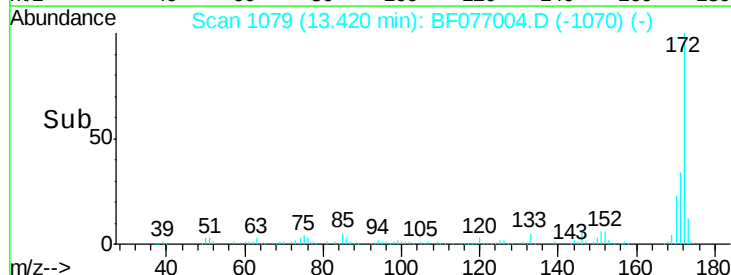
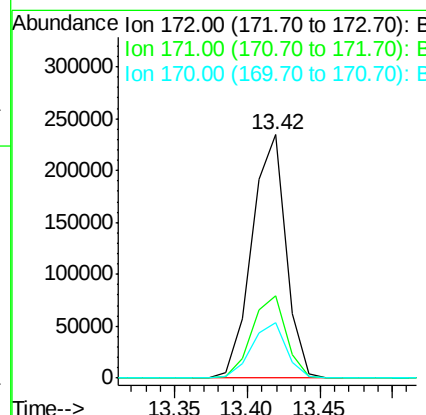
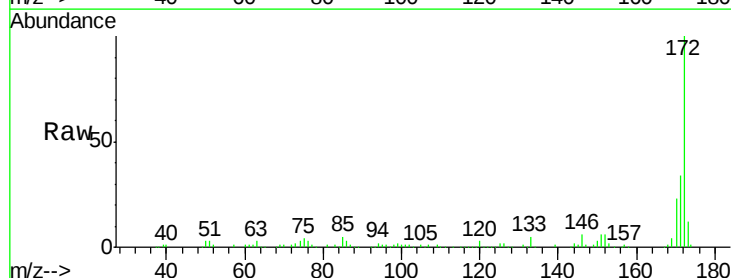
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.8	116.6
141	49.1	38.5	57.7



#44
 2-Fluorobiphenyl
 Concen: 81.58 ng
 RT: 13.42 min Scan# 1079
 Delta R.T. -0.00 min
 Lab File: BF077004.D
 Acq: 21 Jan 2015 19:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	26.6	40.0
170	22.9	18.0	27.0

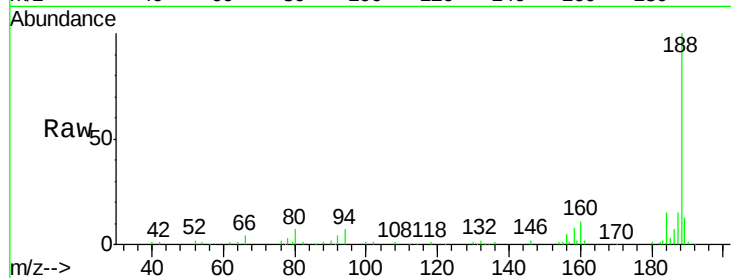




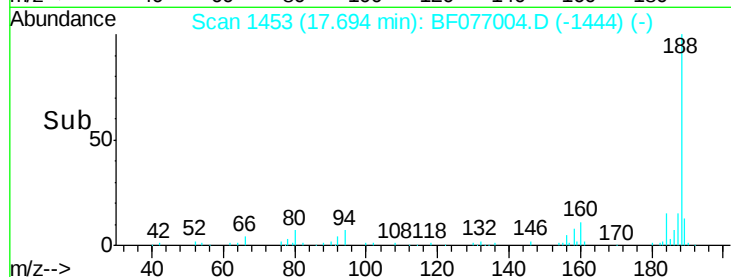
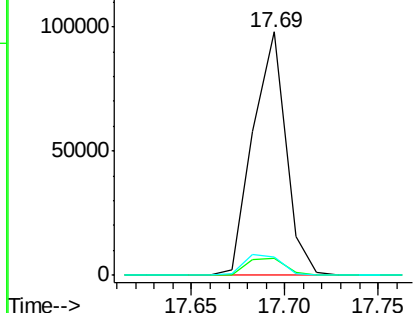
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.69 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BF077004.D
 Acq: 21 Jan 2015 19:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.0	9.0
80	7.3	6.9	10.3

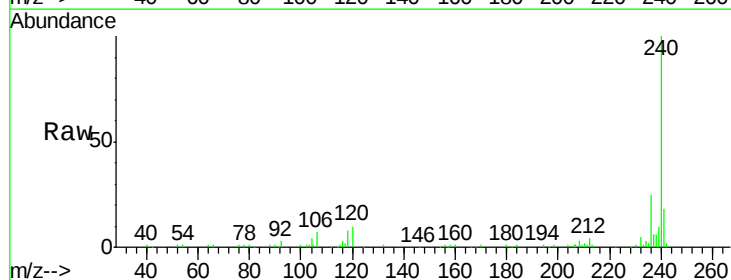


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

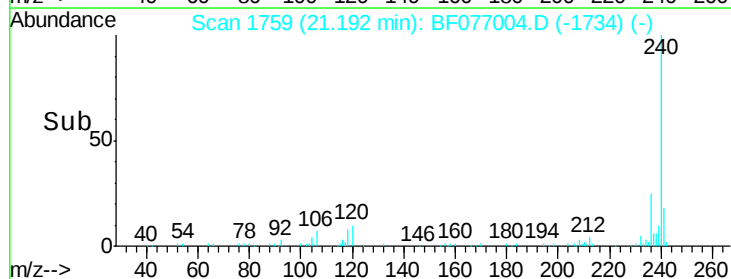
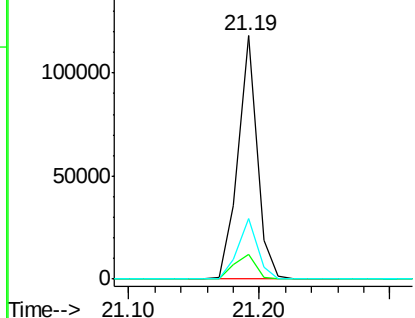


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.19 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BF077004.D
 Acq: 21 Jan 2015 19:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	10.4	15.6#
236	25.0	20.2	30.2



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: 76.38 ng

RT: 19.92 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BF077004.D

Acq: 21 Jan 2015 19:50

Instrument :

BNA_F

ClientSampleId :

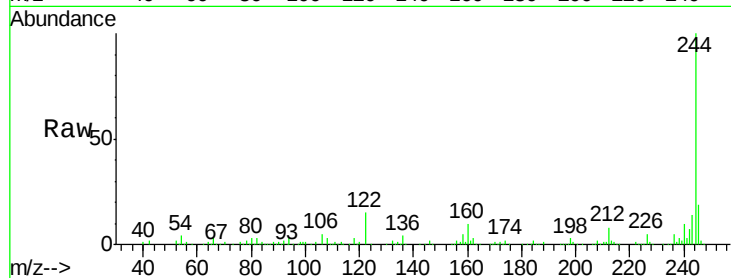
Tot Ion:244 Resp: 400159

Ion Ratio Lower Upper

244 100

212 7.7 6.3 9.5

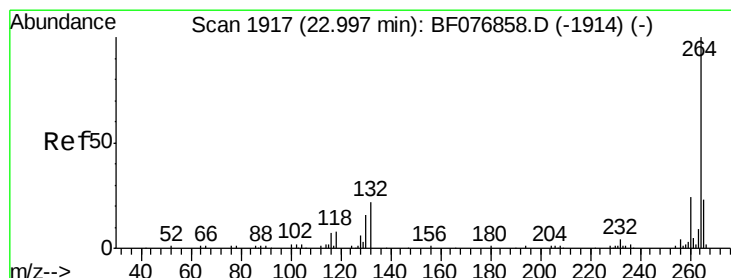
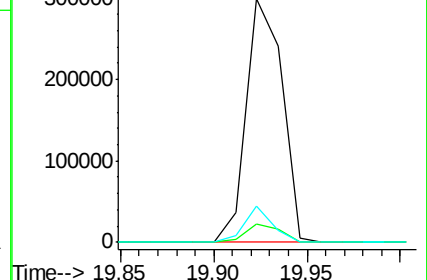
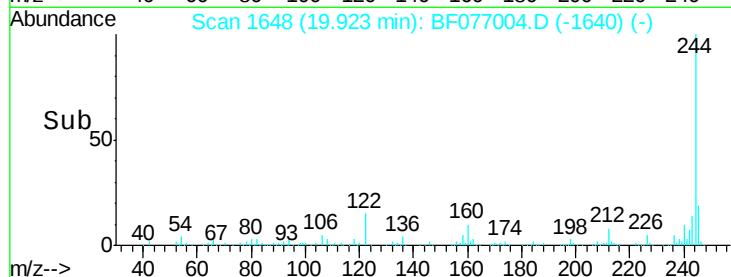
122 14.7 10.1 15.1



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: 22.85 min Scan# 1904

Delta R.T. -0.06 min

Lab File: BF077004.D

Acq: 21 Jan 2015 19:50

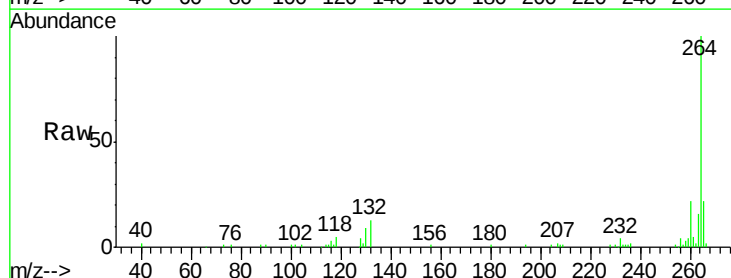
Tgt Ion:264 Resp: 108049

Ion Ratio Lower Upper

264 100

260 22.3 19.0 28.4

265 22.0 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

