

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098789.D
 Acq On : 25 Sep 2017 18:13
 Operator : SJ/JU
 Sample : PB102556BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102556BL

Quant Time: Sep 26 06:57:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	121560	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	511348	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	234991	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	439855	20.00	ng	0.00
75) Chrysene-d12	14.07	240	379472	20.00	ng	-0.01
86) Perylene-d12	15.57	264	325068	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	138252	18.10	ng	-0.02
7) Phenol-d6	6.52	99	165391	17.56	ng	-0.02
23) Nitrobenzene-d5	7.47	82	94621	11.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	31873	16.58	ng	-0.02
44) 2-Fluorobiphenyl	9.27	172	196118	13.93	ng	-0.01
78) Terphenyl-d14	13.02	244	200067	11.99	ng	-0.02

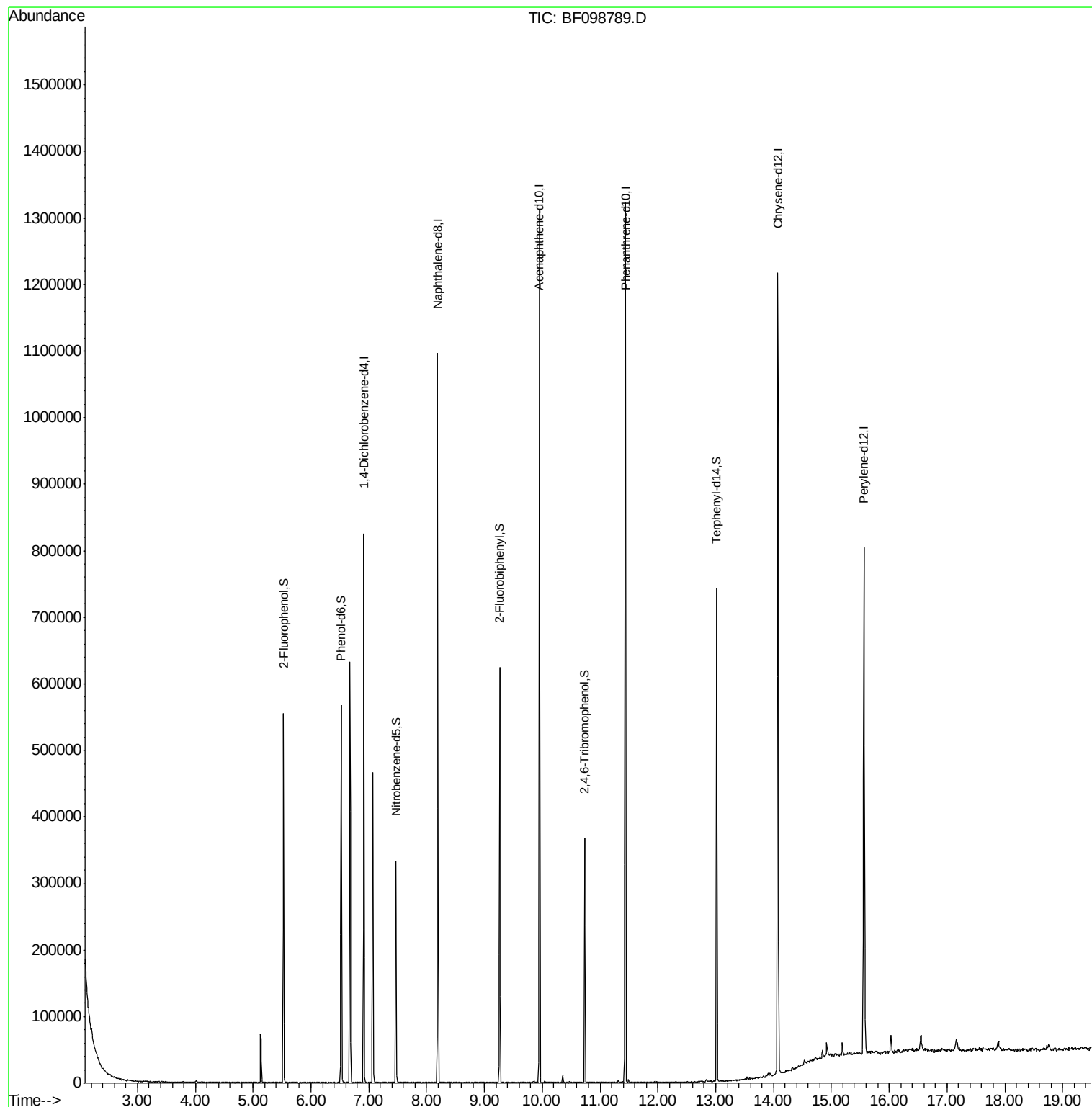
Target Compounds Qvalue

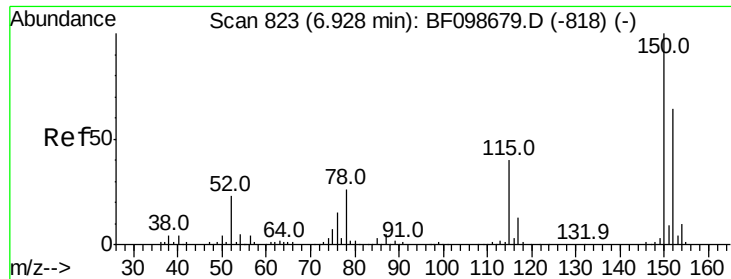
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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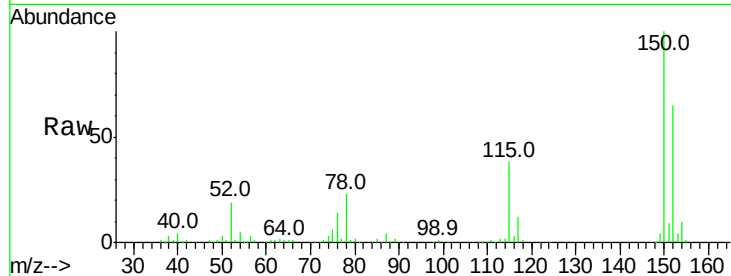


#1

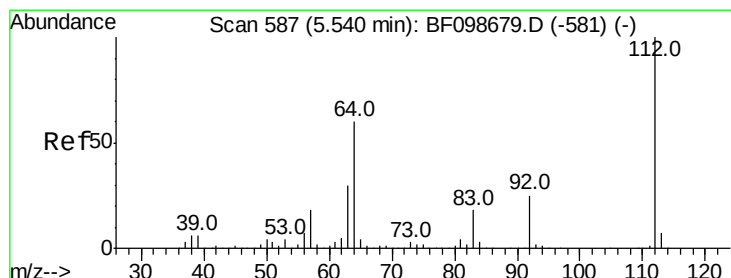
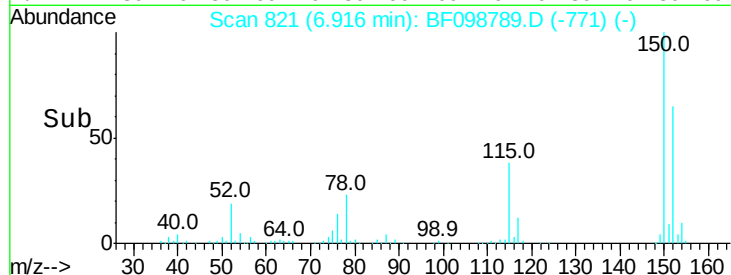
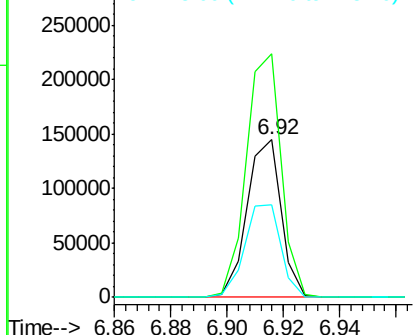
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098789.D
 Acq: 25 Sep 2017 18:13

Instrument :
 BNA_F
 ClientSampleId :
 PB102556BL

Tot Ion:152 Resp: 121560
 Ion Ratio Lower Upper
 152 100
 150 154.4 124.6 186.8
 115 59.0 50.1 75.1



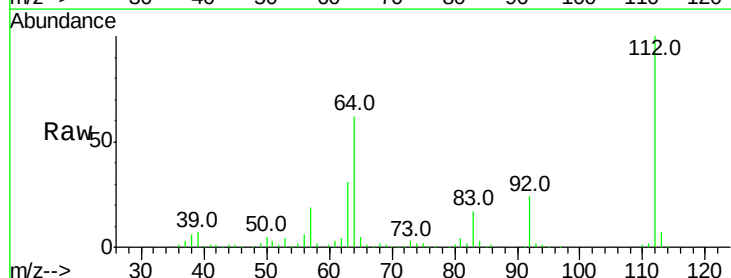
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



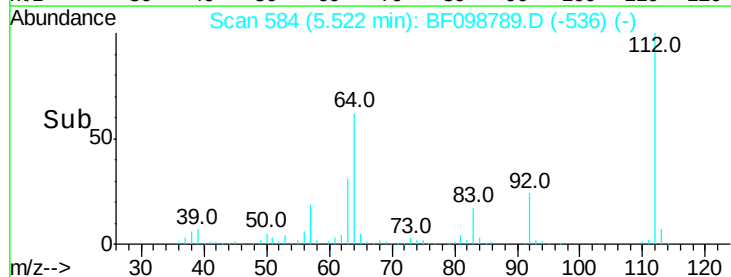
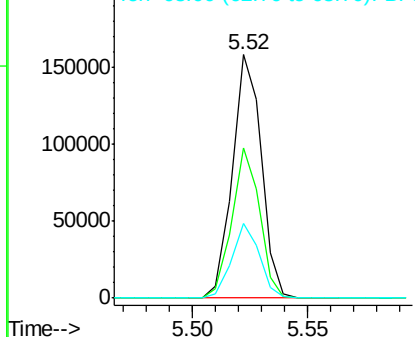
#5

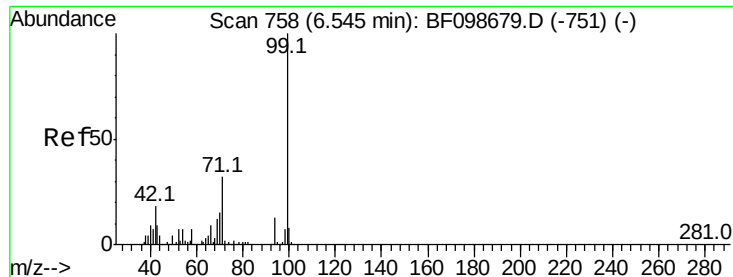
2-Fluorophenol
 Concen: 18.105 ng
 RT: 5.52 min Scan# 584
 Delta R.T. -0.02 min
 Lab File: BF098789.D
 Acq: 25 Sep 2017 18:13

Tgt Ion:112 Resp: 138252
 Ion Ratio Lower Upper
 112 100
 64 61.7 47.9 71.9
 63 30.9 23.7 35.5



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: 17.557 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF098789.D

Acq: 25 Sep 2017 18:13

Instrument :

BNA_F

ClientSampleId :

PB102556BL

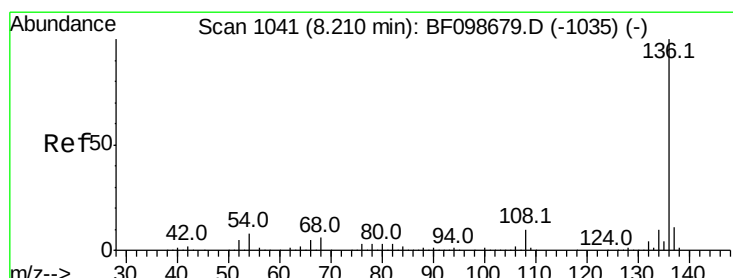
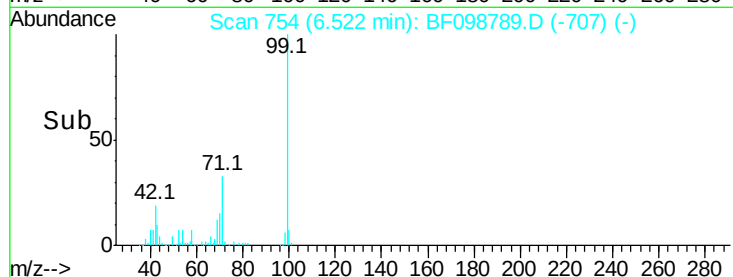
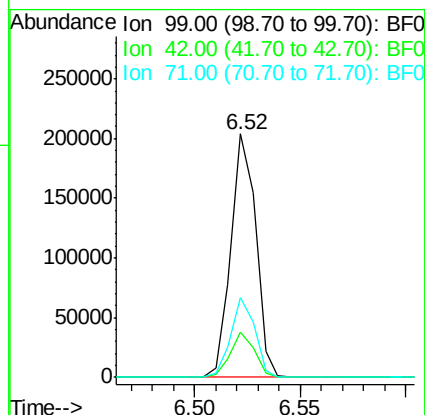
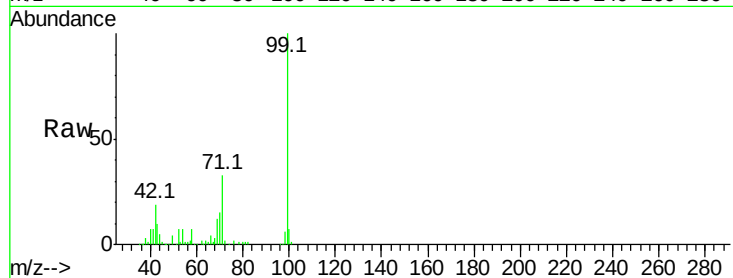
Tot Ion: 99 Resp: 165391

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

71 32.7 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF098789.D

Acq: 25 Sep 2017 18:13

Tgt Ion: 136 Resp: 511348

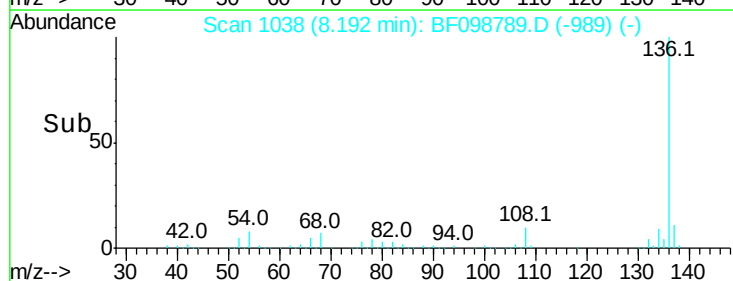
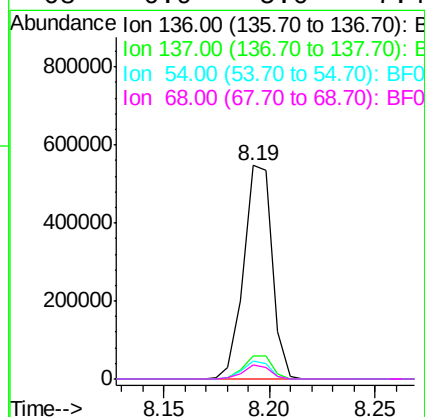
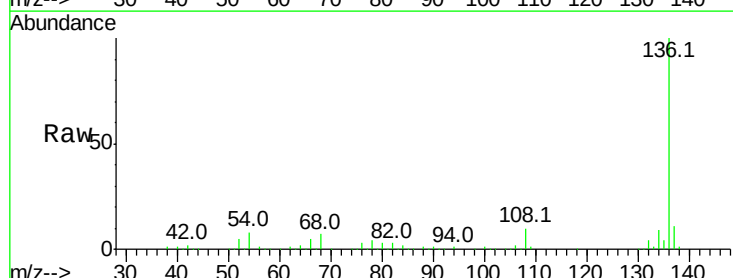
Ion Ratio Lower Upper

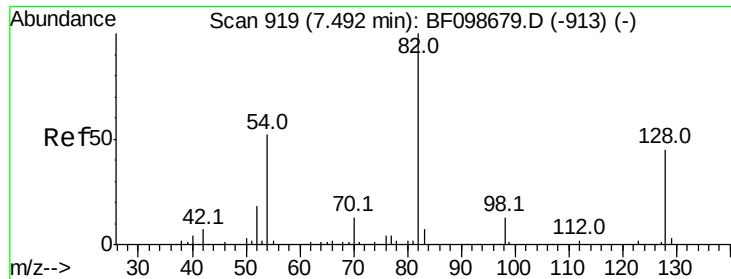
136 100

137 10.9 8.9 13.3

54 8.3 6.6 9.8

68 6.9 5.0 7.4

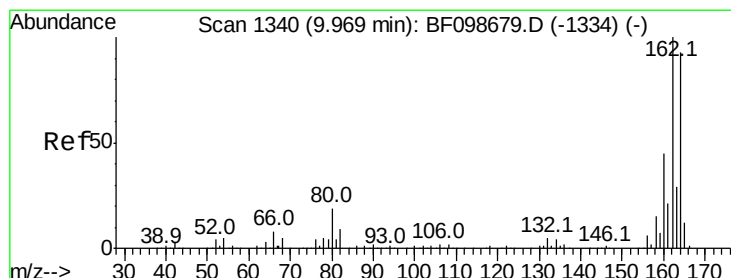
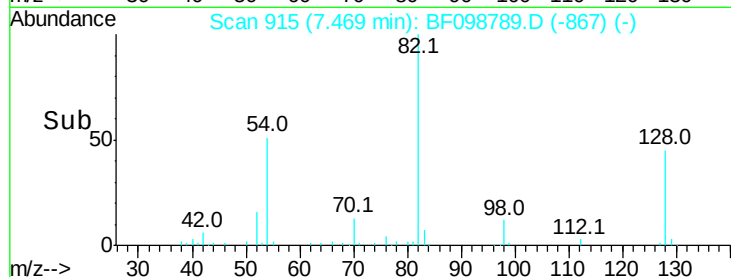
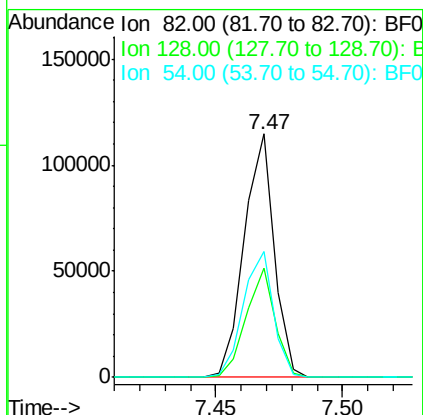
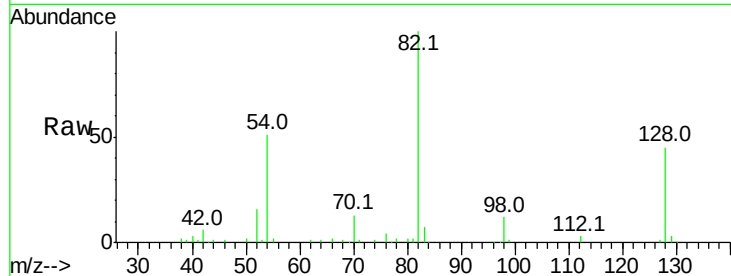




#23
 Nitrobenzene-d5
 Concen: 11.867 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BF098789.D
 Acq: 25 Sep 2017 18:13

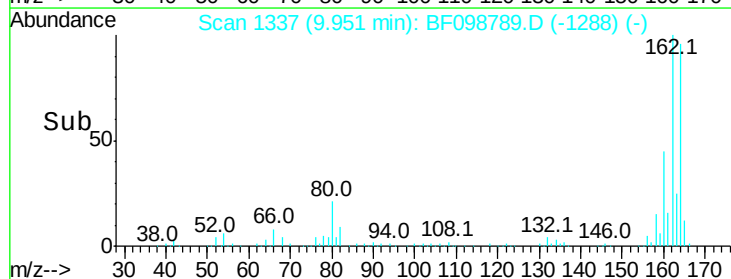
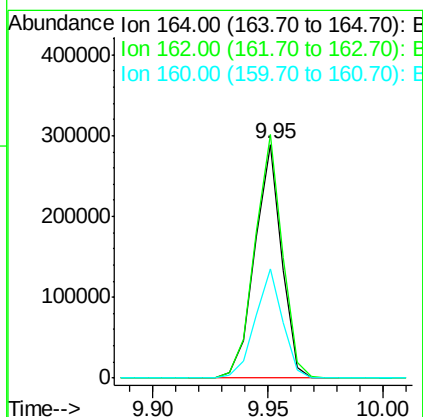
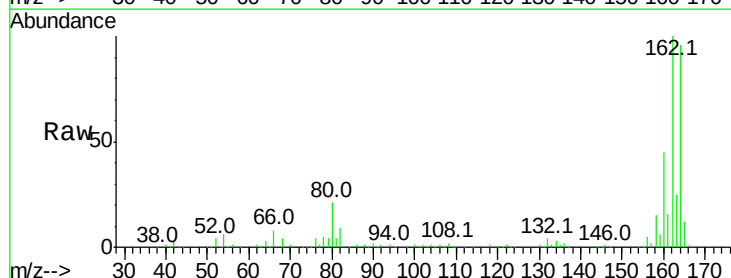
Instrument :
 BNA_F
 ClientSampleId :
 PB102556BL

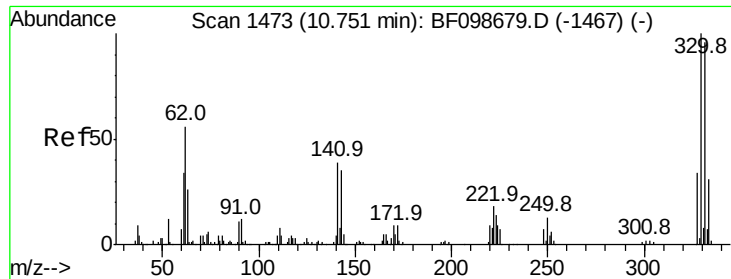
Tot Ion: 82 Resp: 94621
 Ion Ratio Lower Upper
 82 100
 128 44.7 36.1 54.1
 54 51.5 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098789.D
 Acq: 25 Sep 2017 18:13

Tgt Ion: 164 Resp: 234991
 Ion Ratio Lower Upper
 164 100
 162 104.3 86.1 129.1
 160 46.8 38.3 57.5

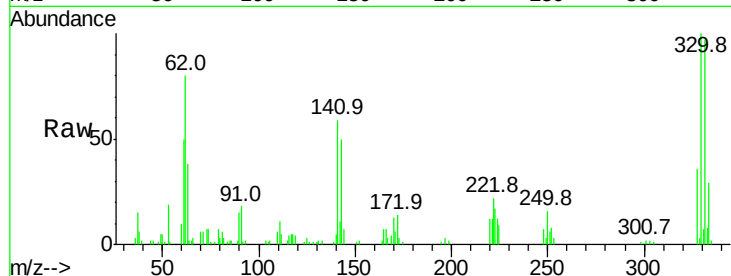




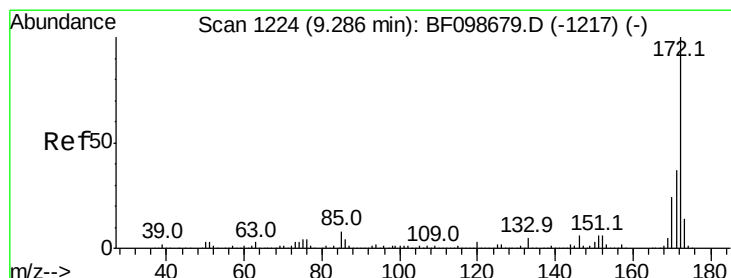
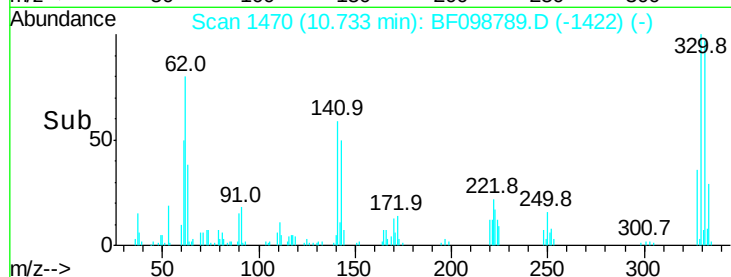
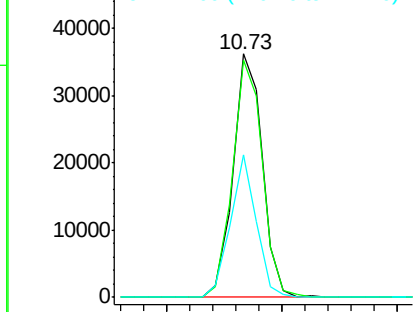
#41
 2,4,6-Tribromophenol
 Concen: 16.576 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.02 min
 Lab File: BF098789.D
 Acq: 25 Sep 2017 18:13

Instrument :
 BNA_F
 ClientSampleId :
 PB102556BL

Tot Ion:330 Resp: 31873
 Ion Ratio Lower Upper
 330 100
 332 98.9 77.0 115.6
 141 51.4 29.9 44.9#

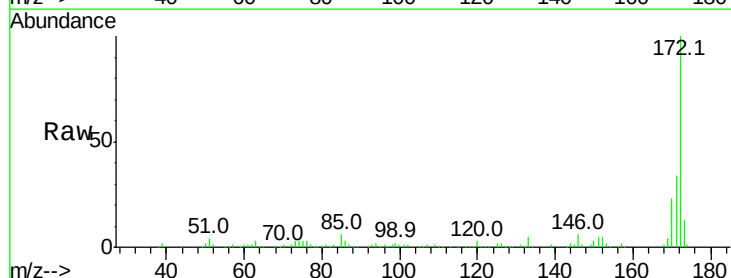


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

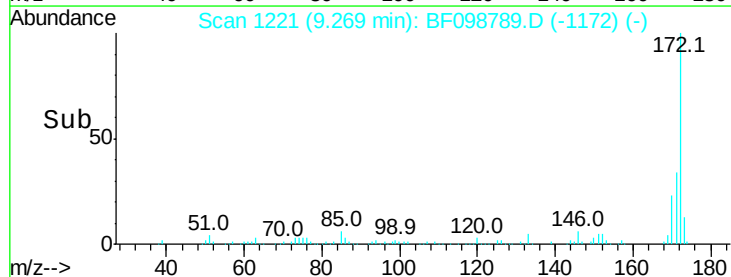
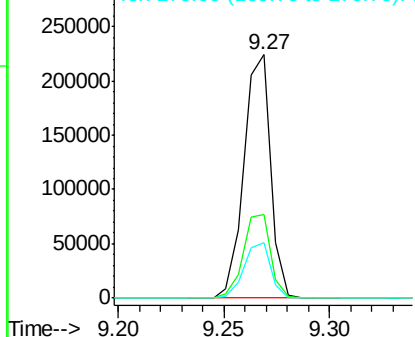


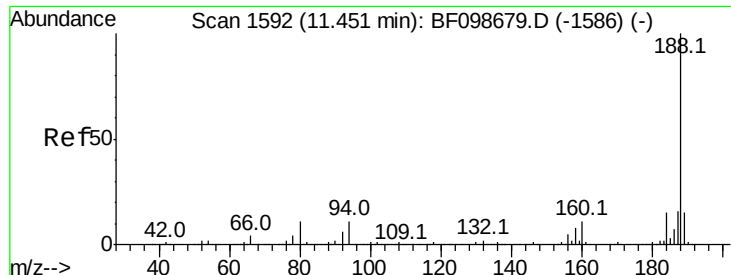
#44
 2-Fluorobiphenyl
 Concen: 13.933 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098789.D
 Acq: 25 Sep 2017 18:13

Tgt Ion:172 Resp: 196118
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.7 44.5
 170 23.0 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF098789.D

Acq: 25 Sep 2017 18:13

Instrument :

BNA_F

ClientSampleId :

PB102556BL

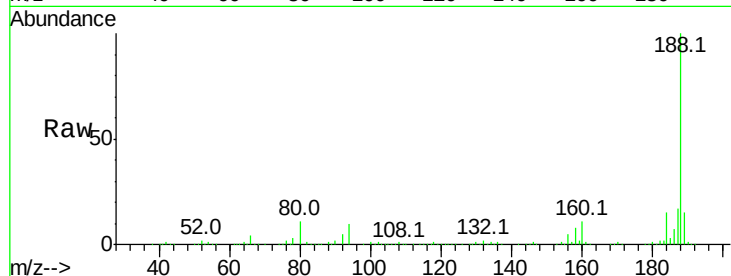
Tot Ion:188 Resp: 439855

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

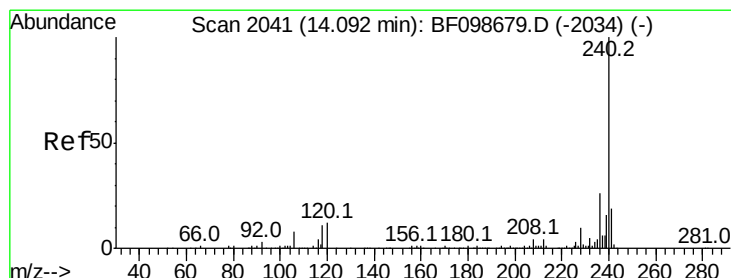
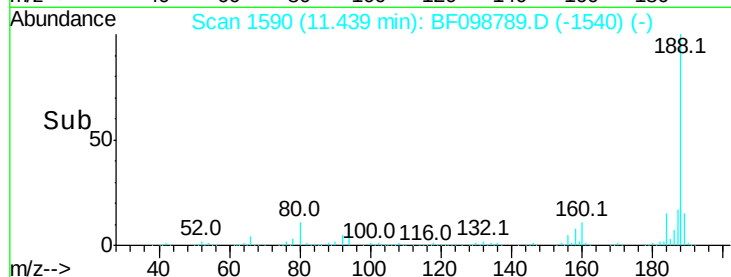
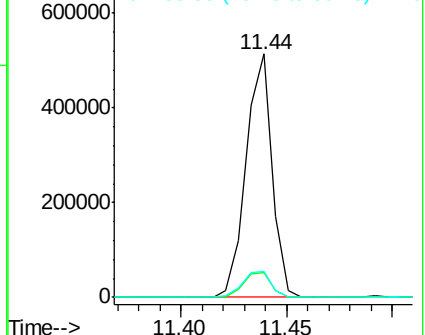
80 10.9 9.2 13.8



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: 20.000 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF098789.D

Acq: 25 Sep 2017 18:13

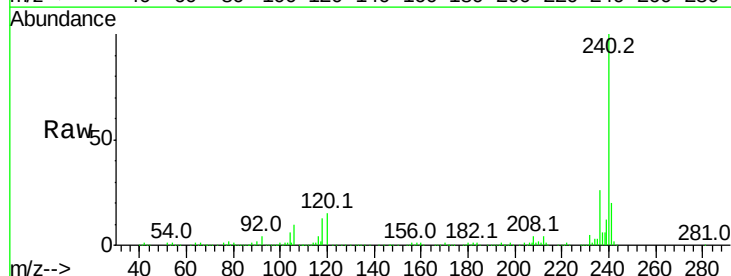
Tgt Ion:240 Resp: 379472

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

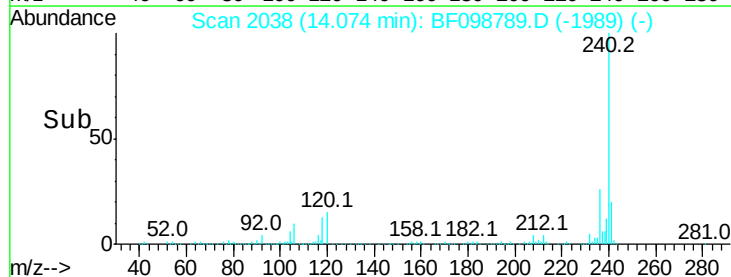
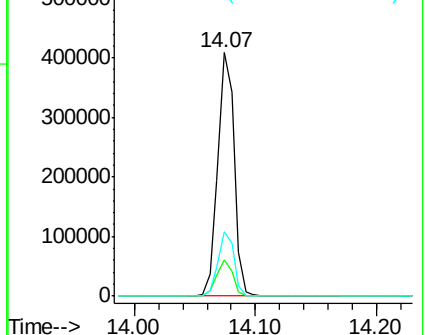
236 26.2 20.7 31.1

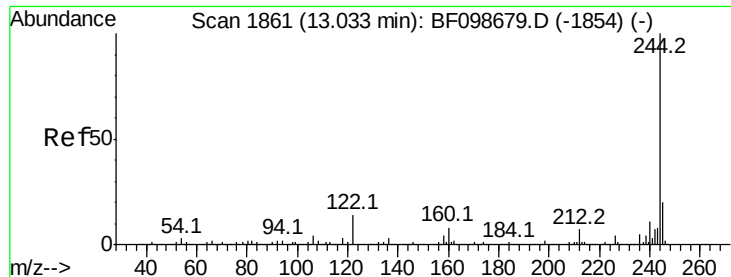


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 11.990 ng

RT: 13.02 min Scan# 1858

Delta R.T. -0.02 min

Lab File: BF098789.D

Acq: 25 Sep 2017 18:13

Instrument :

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ClientSampleId :

PB102556BL

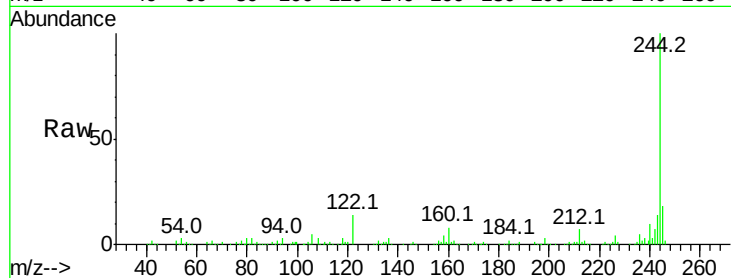
Tot Ion:244 Resp: 200067

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

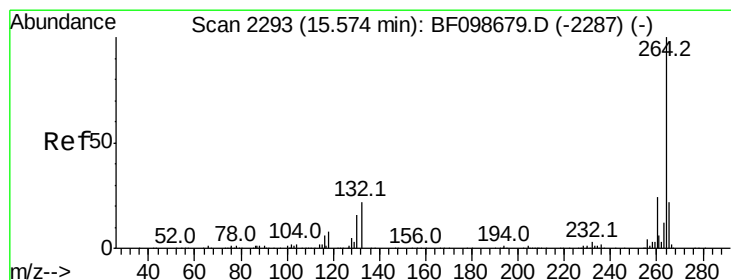
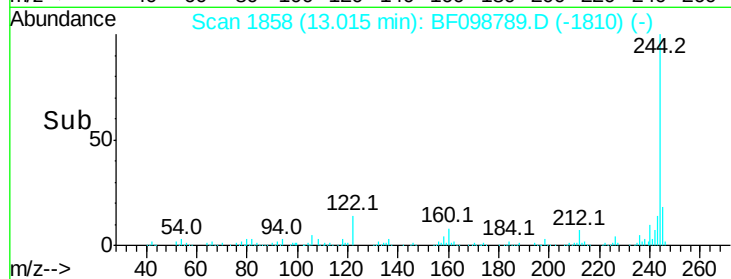
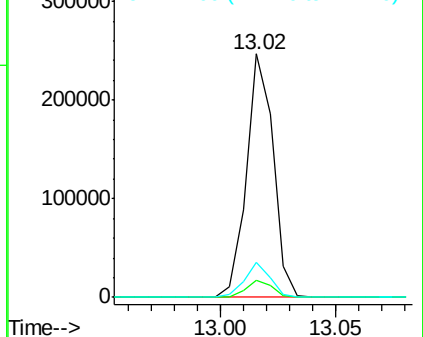
122 14.4 11.0 16.4



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: 20.000 ng

RT: 15.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BF098789.D

Acq: 25 Sep 2017 18:13

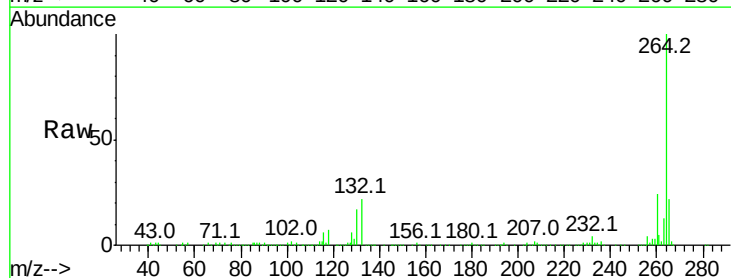
Tgt Ion:264 Resp: 325068

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.5 17.5 26.3



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

