

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092917\
 Data File : BF098953.D
 Acq On : 29 Sep 2017 17:36
 Operator : SJ/JU
 Sample : I5475-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WS-20408-COMP

Quant Time: Sep 29 18:07:56 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	151268	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	634493	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	283747	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	460240	20.00	ng	0.00
75) Chrysene-d12	14.07	240	237515	20.00	ng	-0.01
86) Perylene-d12	15.57	264	237272	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1111398	116.96	ng	0.02
7) Phenol-d6	6.55	99	1217178	103.84	ng	0.00
23) Nitrobenzene-d5	7.48	82	964585	97.49	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	289276	124.59	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1628818	95.83	ng	0.00
78) Terphenyl-d14	13.03	244	1147799	109.90	ng	0.00

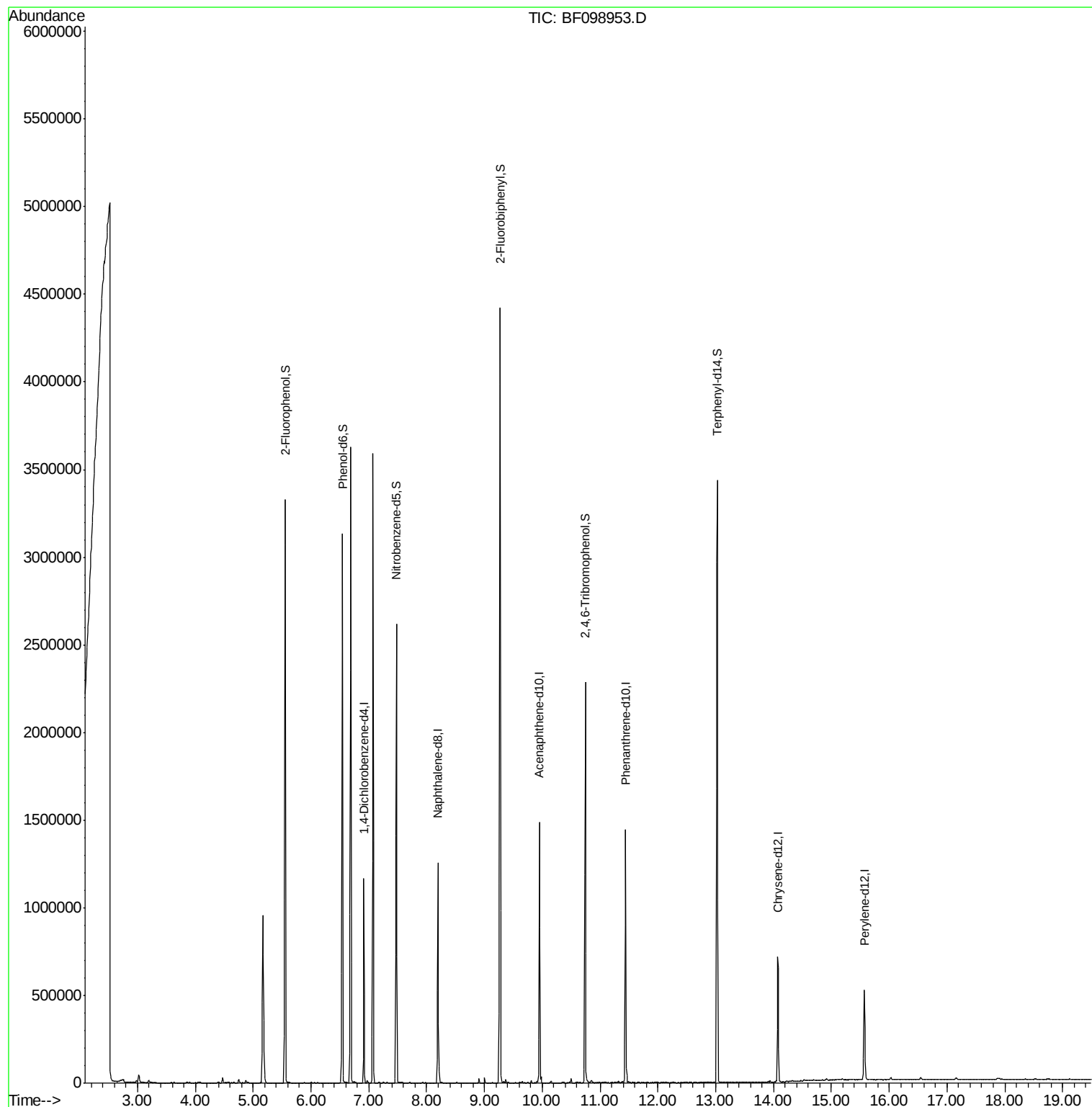
Target Compounds Qvalue

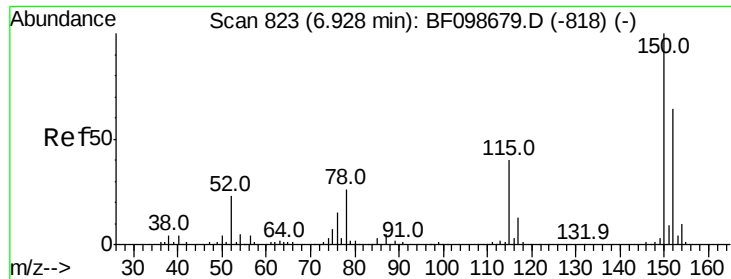
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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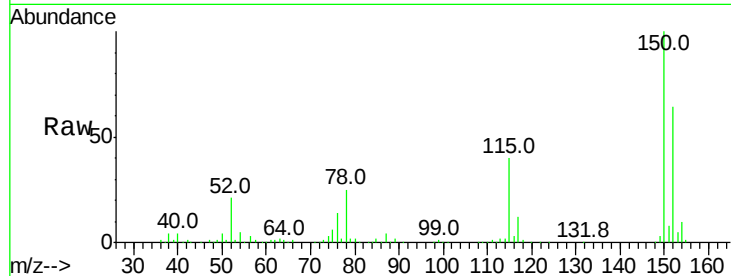


#1

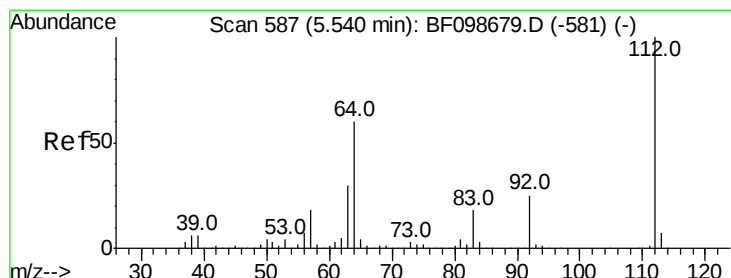
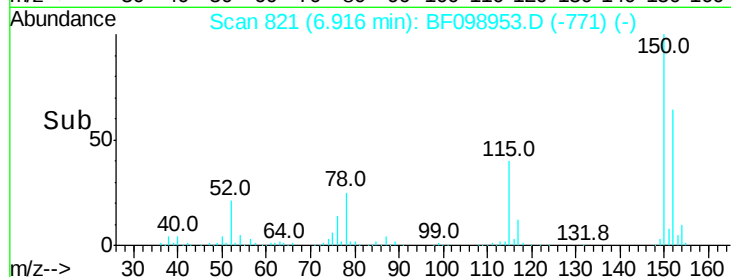
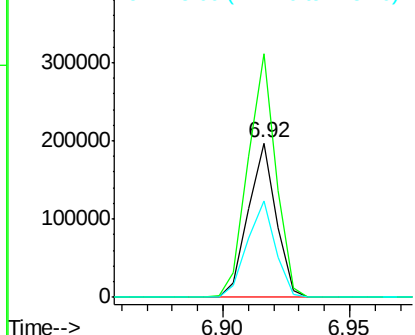
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098953.D
Acq: 29 Sep 2017 17:36

Instrument :
BNA_F
ClientSampleId :
WS-20408-COMP

Tot Ion:152 Resp: 151268
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 62.4 50.1 75.1



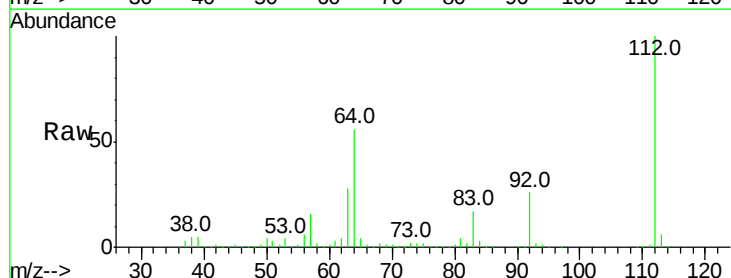
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



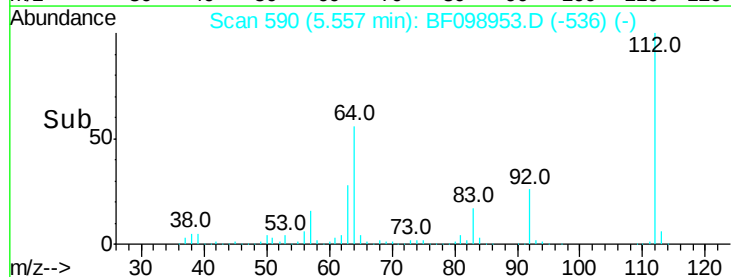
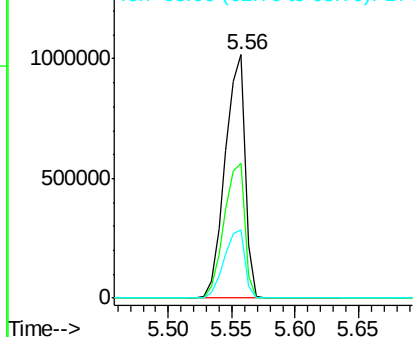
#5

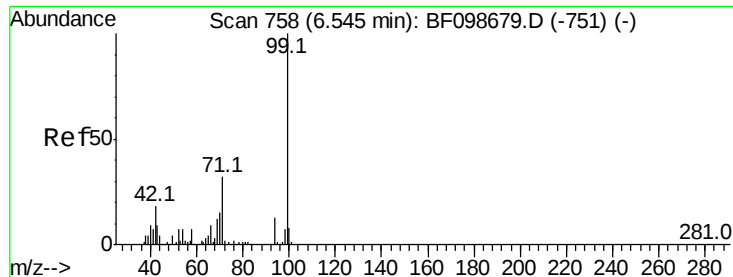
2-Fluorophenol
Concen: 116.960 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.02 min
Lab File: BF098953.D
Acq: 29 Sep 2017 17:36

Tgt Ion:112 Resp: 1111398
Ion Ratio Lower Upper
112 100
64 55.5 47.9 71.9
63 28.1 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: 103.835 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098953.D

Acq: 29 Sep 2017 17:36

Instrument :

BNA_F

ClientSampleId :

WS-20408-COMP

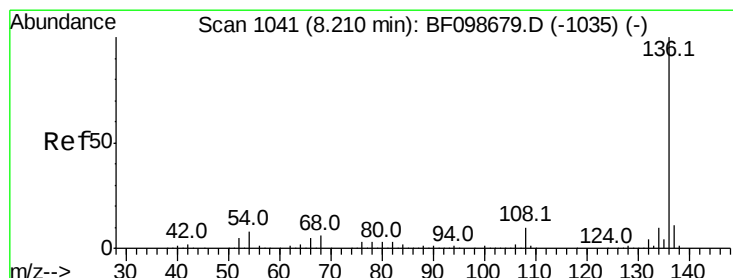
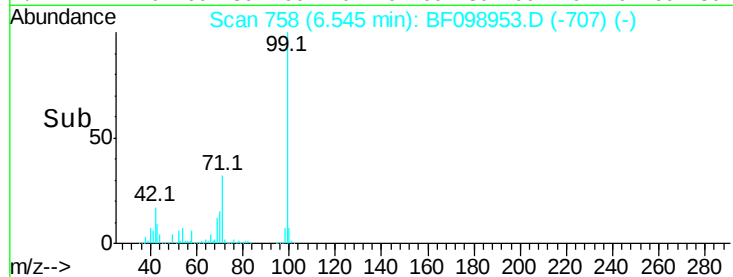
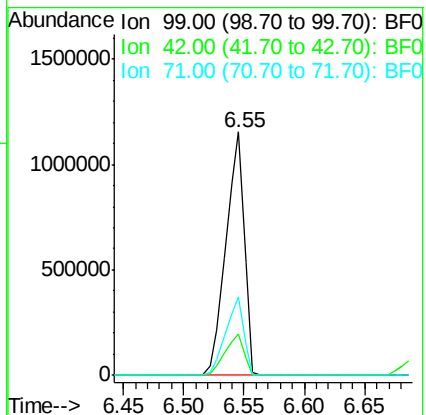
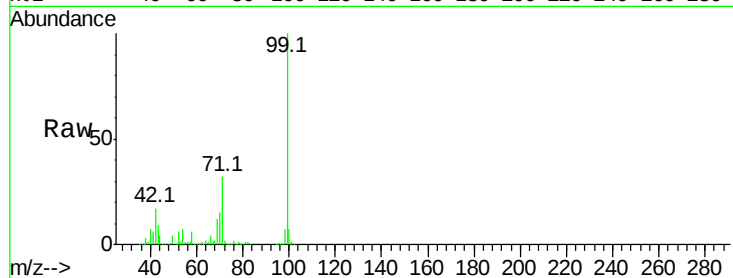
Tot Ion: 99 Resp: 1217178

Ion Ratio Lower Upper

99 100

42 17.1 14.5 21.7

71 32.4 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098953.D

Acq: 29 Sep 2017 17:36

Tgt Ion: 136 Resp: 634493

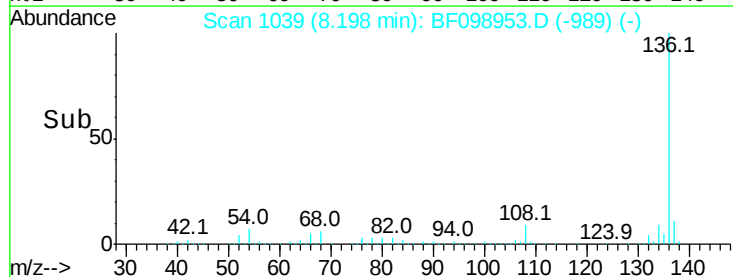
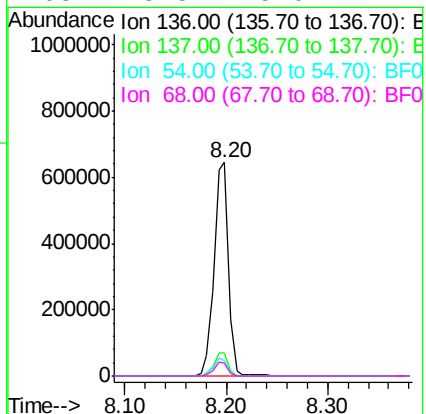
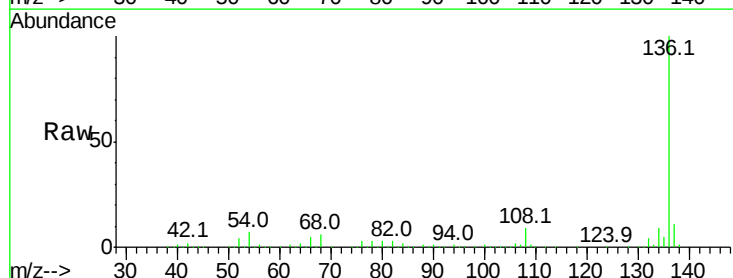
Ion Ratio Lower Upper

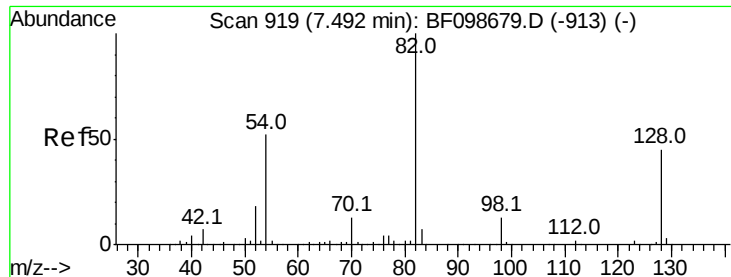
136 100

137 10.6 8.9 13.3

54 7.0 6.6 9.8

68 5.8 5.0 7.4

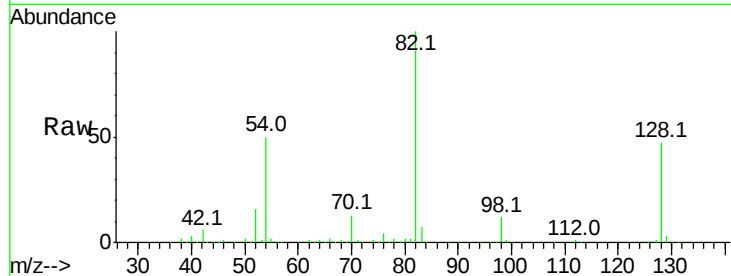




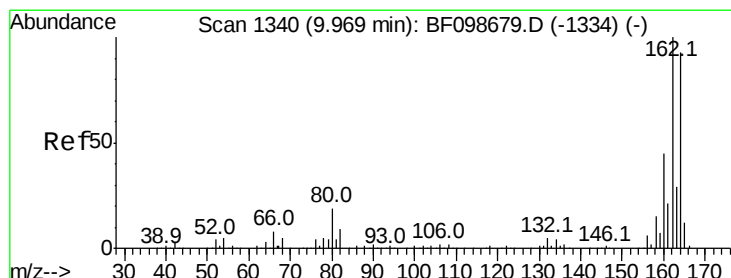
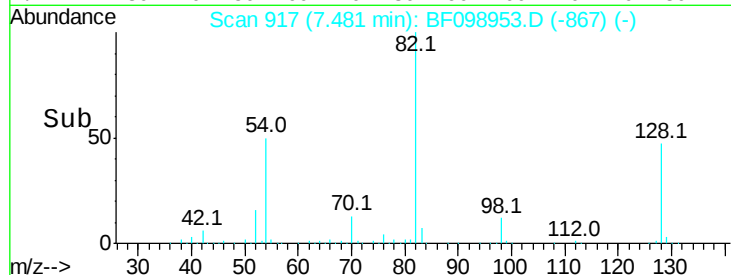
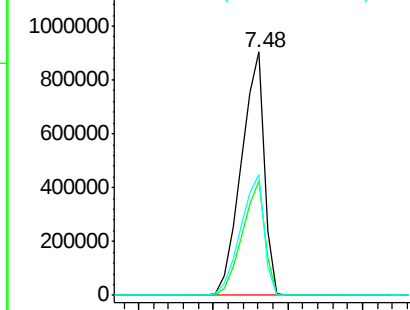
#23
Nitrobenzene-d5
Concen: 97.494 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098953.D
Acq: 29 Sep 2017 17:36

Instrument :
BNA_F
ClientSampleId :
WS-20408-COMP

Tot Ion: 82 Resp: 964585
Ion Ratio Lower Upper
82 100
128 46.9 36.1 54.1
54 49.6 41.4 62.2

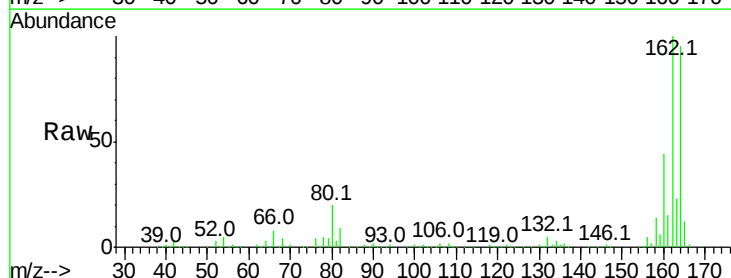


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

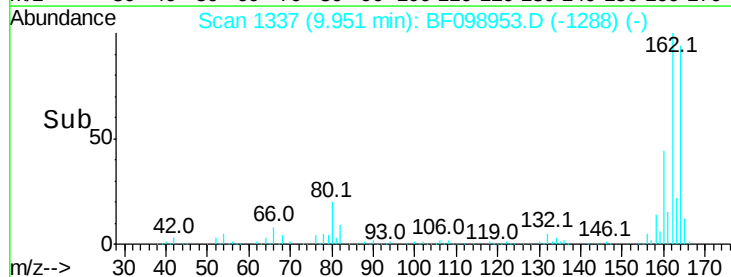
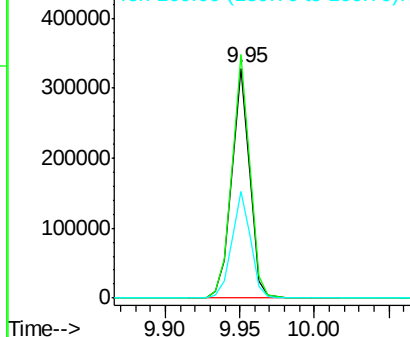


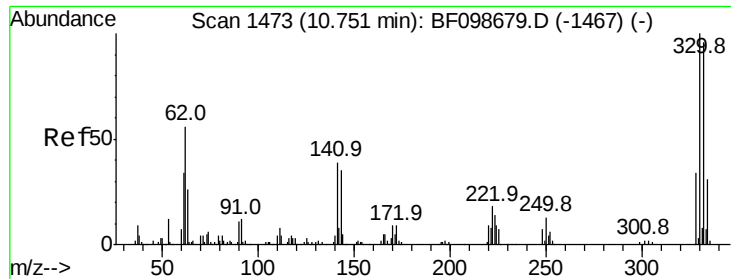
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098953.D
Acq: 29 Sep 2017 17:36

Tgt Ion:164 Resp: 283747
Ion Ratio Lower Upper
164 100
162 105.8 86.1 129.1
160 46.4 38.3 57.5



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

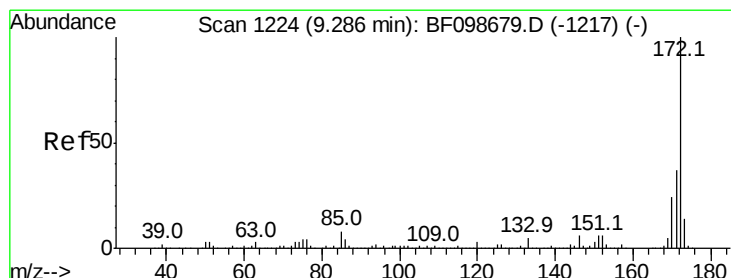
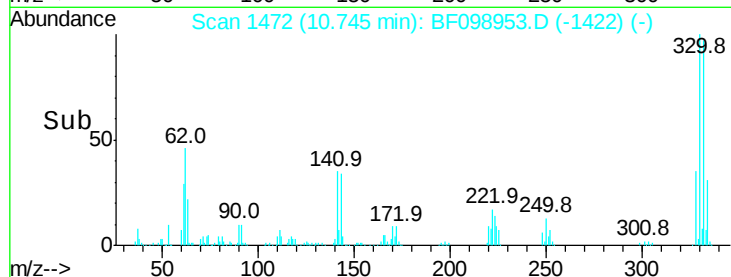
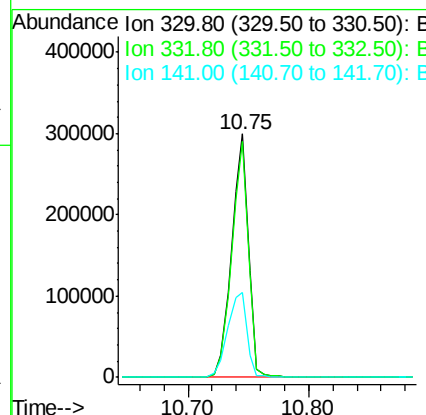
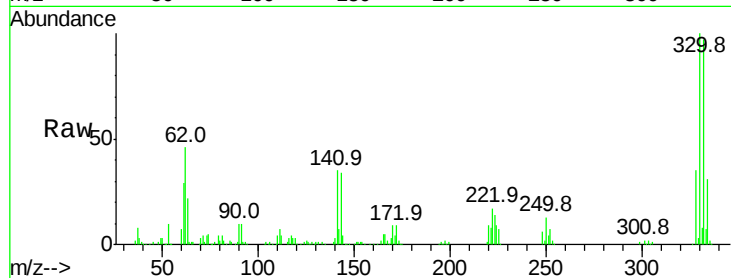




#41
 2,4,6-Tribromophenol
 Concen: 124.590 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098953.D
 Acq: 29 Sep 2017 17:36

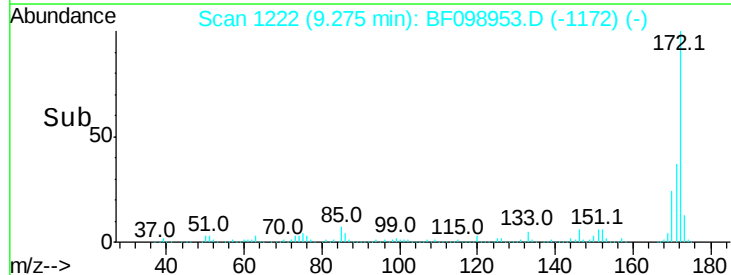
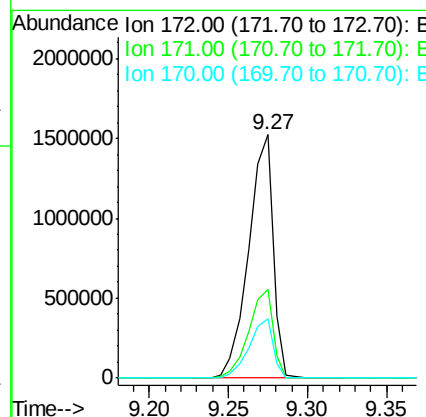
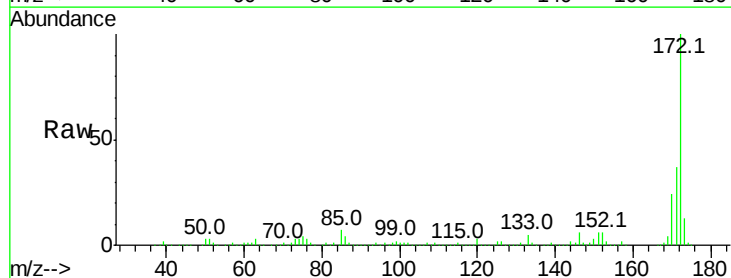
Instrument :
 BNA_F
 ClientSampleId :
 WS-20408-COMP

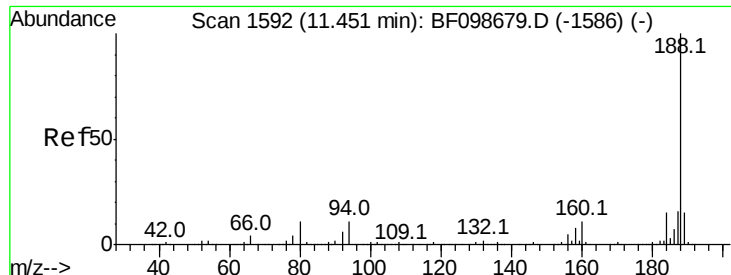
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	40.1	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 95.831 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098953.D
 Acq: 29 Sep 2017 17:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.2	19.6	29.4

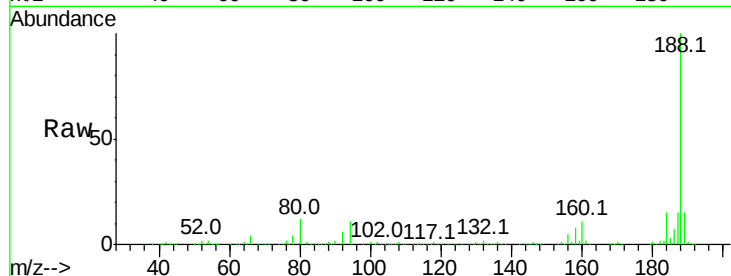




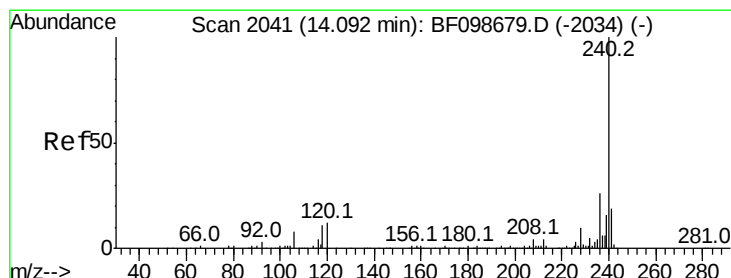
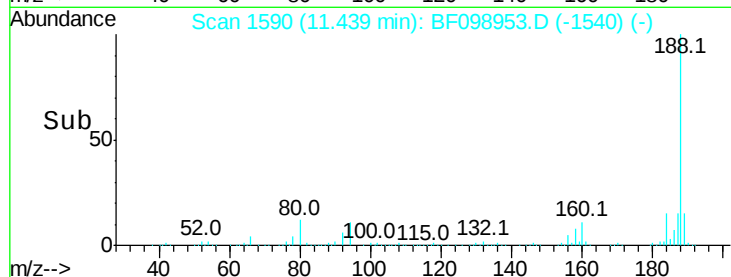
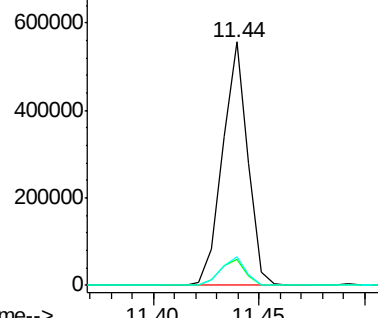
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098953.D
Acq: 29 Sep 2017 17:36

Instrument :
BNA_F
ClientSampleId :
WS-20408-COMP

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.7	9.2	13.8

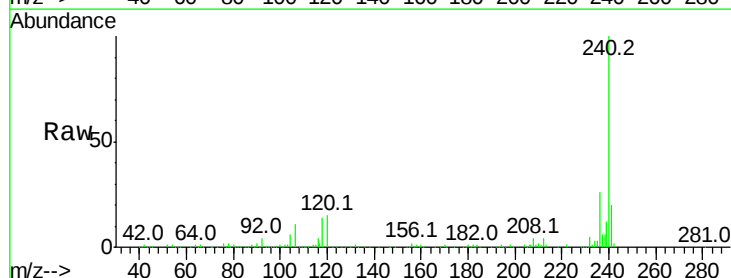


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

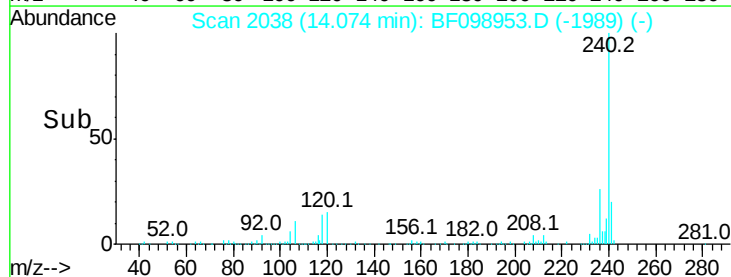
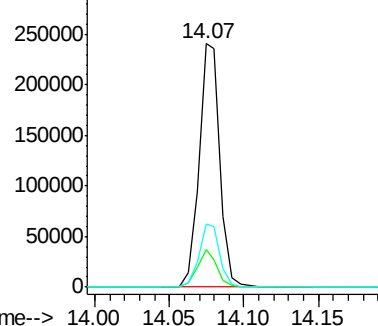


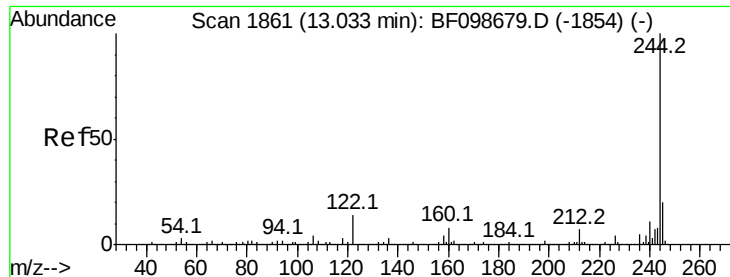
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098953.D
Acq: 29 Sep 2017 17:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.3	9.5	14.3#
236	25.8	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: 109.902 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098953.D

Acq: 29 Sep 2017 17:36

Instrument :

BNA_F

ClientSampleId :

WS-20408-COMP

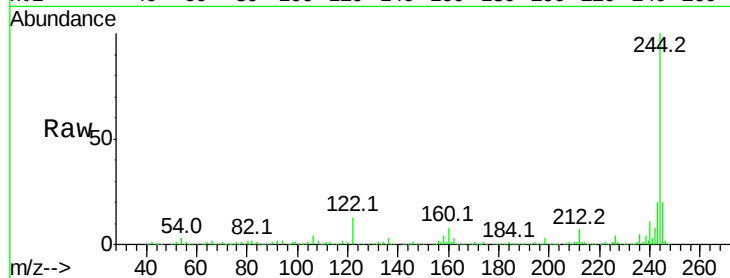
Tot Ion:244 Resp: 1147799

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

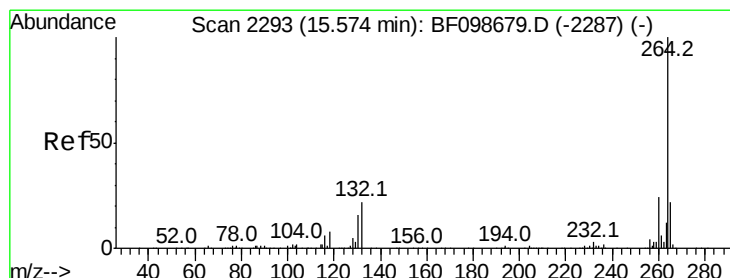
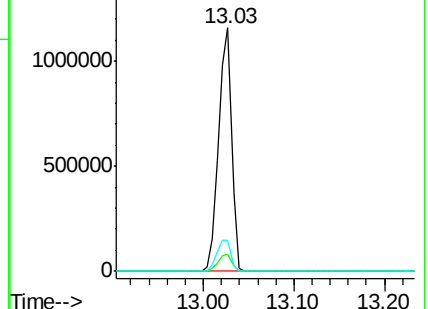
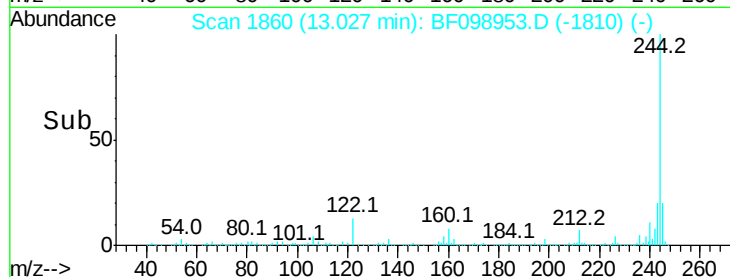
122 13.0 11.0 16.4



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# 2293

Delta R.T. -0.00 min

Lab File: BF098953.D

Acq: 29 Sep 2017 17:36

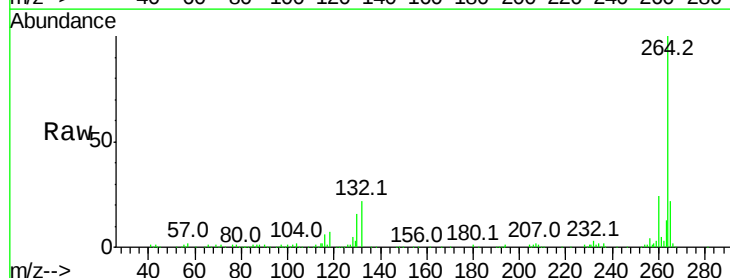
Tgt Ion:264 Resp: 237272

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.6 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

