

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
 Data File : BF101673.D
 Acq On : 23 Dec 2017 00:10
 Operator : SJ/JU
 Sample : I6966-05 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-EW-3-0-4

Quant Time: Dec 23 03:26:02 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 16:07:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	145741	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	575734	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	236981	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	389174	20.00	ng	0.00
75) Chrysene-d12	13.96	240	294525	20.00	ng	0.00
86) Perylene-d12	15.43	264	286518	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	26195	2.68	ng	0.05
7) Phenol-d6	6.45	99	56826	4.67	ng	0.02
23) Nitrobenzene-d5	7.37	82	39913	3.86	ng	0.01
41) 2,4,6-Tribromophenol	10.62	330	20120	8.81	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	111897	7.32	ng	0.00
78) Terphenyl-d14	12.89	244	103891	8.50	ng	-0.01

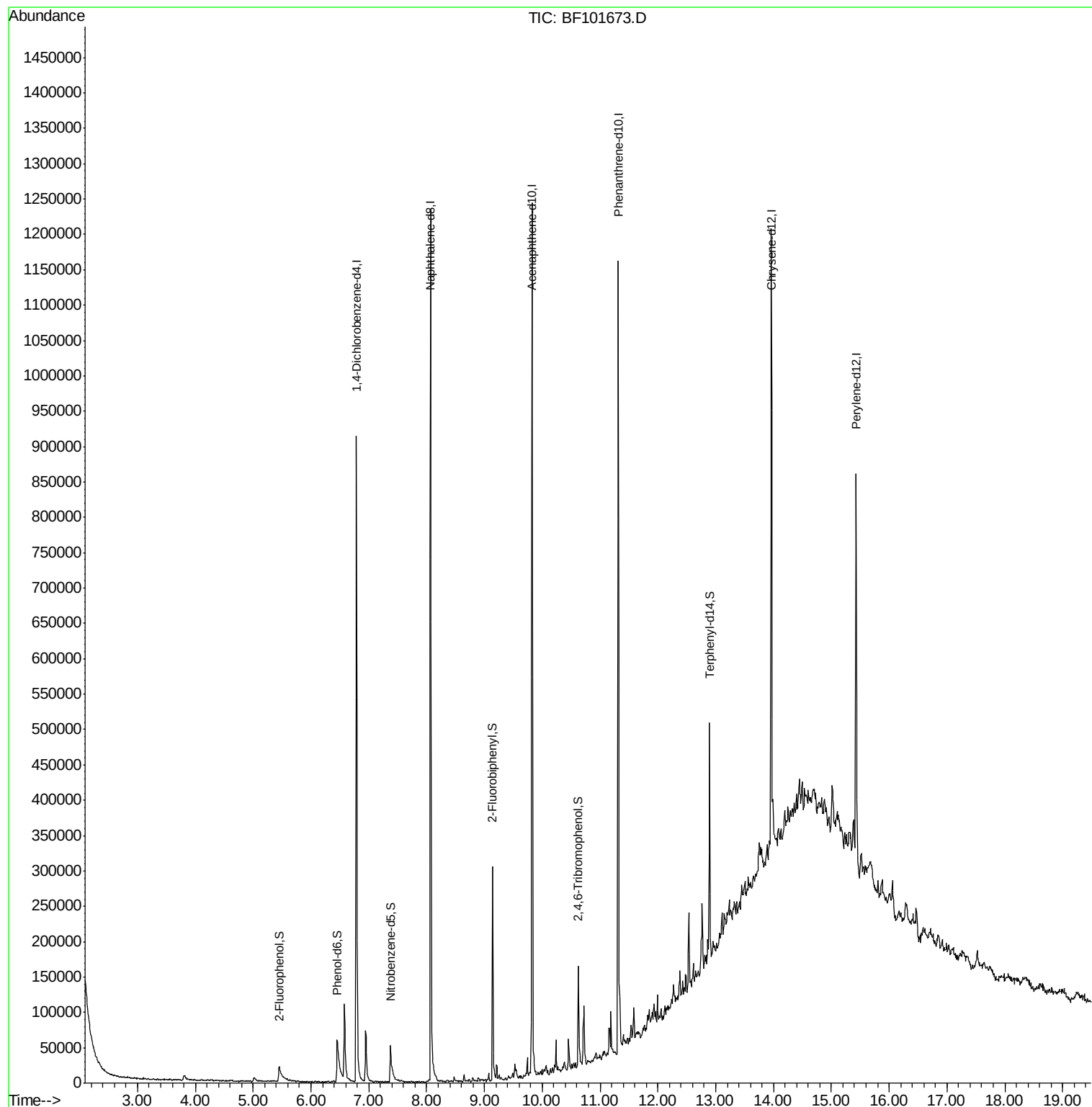
Target Compounds	Qvalue
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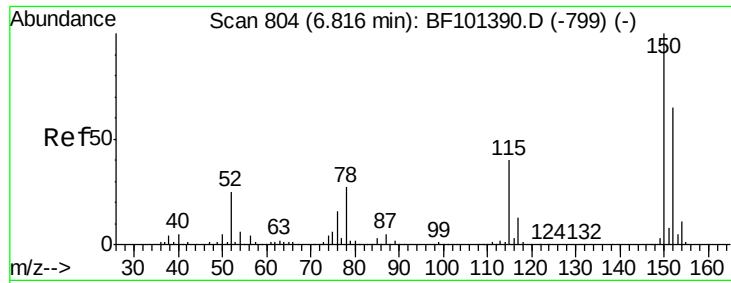
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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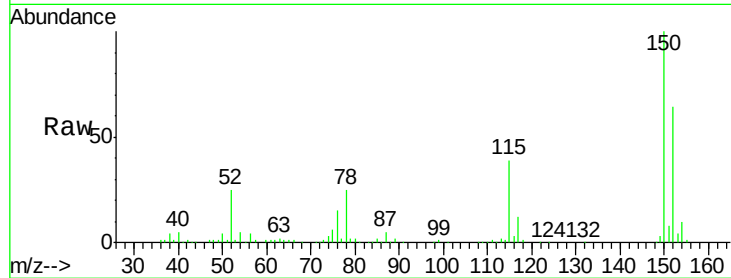


#1

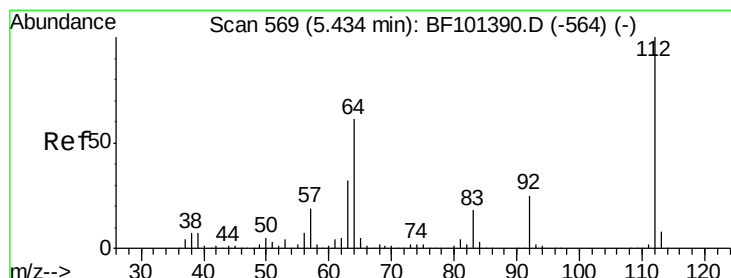
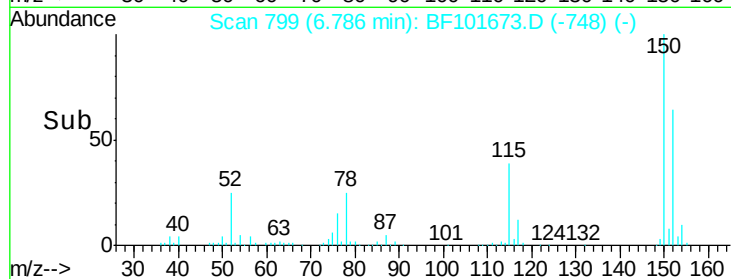
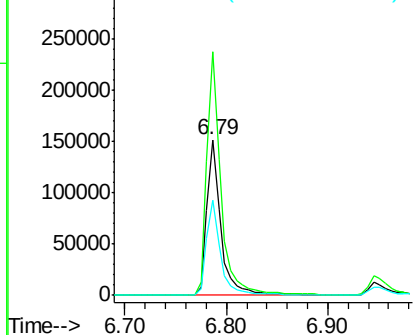
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101673.D
Acq: 23 Dec 2017 00:10

Instrument :
BNA_F
ClientSampleId :
DB-EW-3-0-4

Tgt Ion:152 Resp: 145741
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 61.3 50.1 75.1



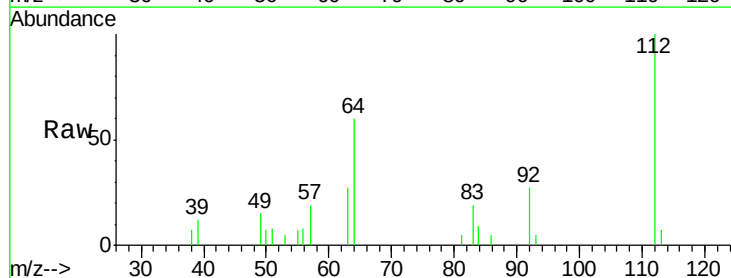
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



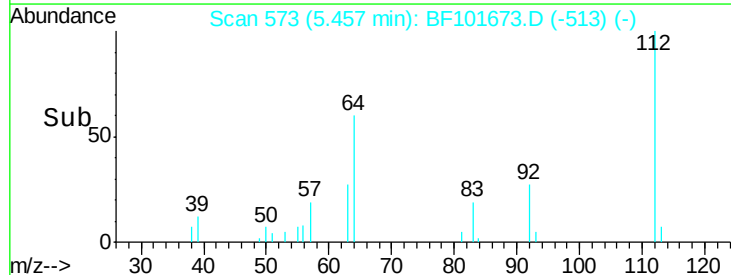
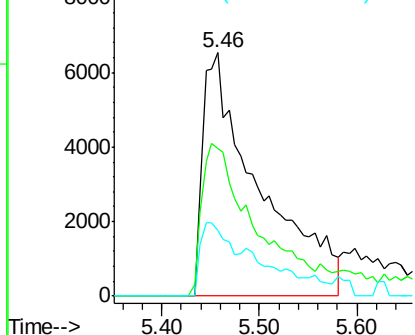
#5

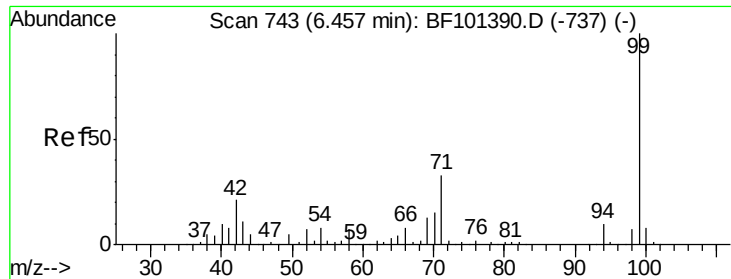
2-Fluorophenol
Concen: 2.677 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.05 min
Lab File: BF101673.D
Acq: 23 Dec 2017 00:10

Tgt Ion:112 Resp: 26195
Ion Ratio Lower Upper
112 100
64 60.4 47.9 71.9
63 27.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 4.667 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.02 min

Lab File: BF101673.D

Acq: 23 Dec 2017 00:10

Instrument :

BNA_F

ClientSampleId :

DB-EW-3-0-4

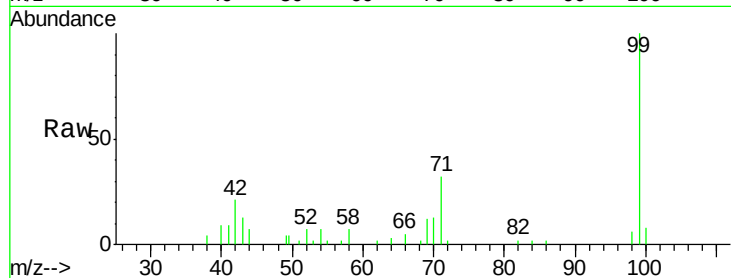
Tgt Ion: 99 Resp: 56826

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

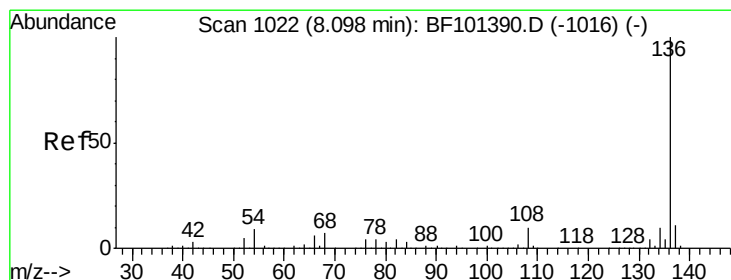
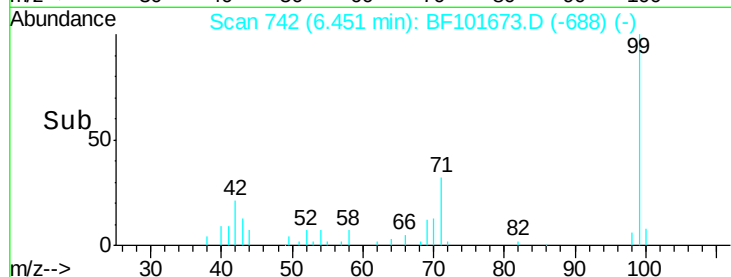
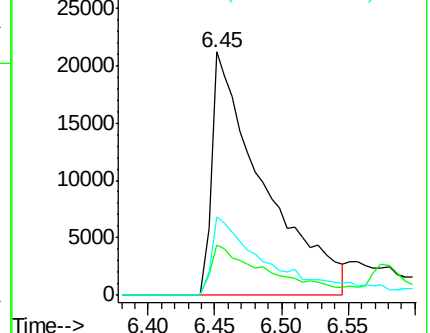
71 32.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF101673.D

Acq: 23 Dec 2017 00:10

Tgt Ion: 136 Resp: 575734

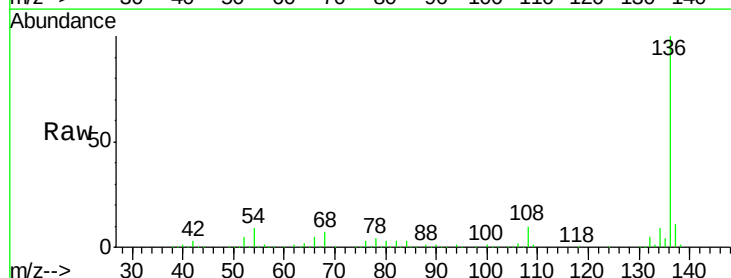
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.8 6.6 9.8

68 6.8 5.0 7.4

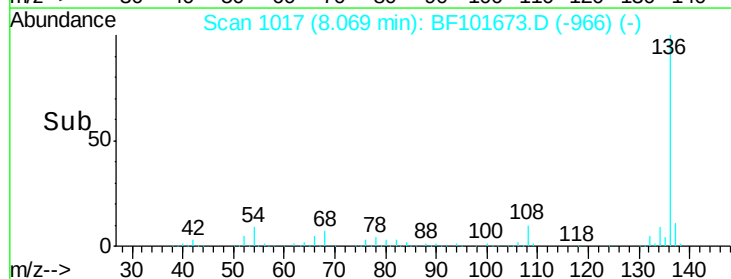
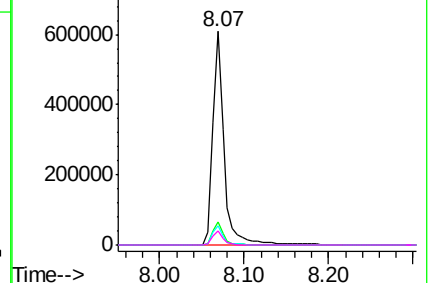


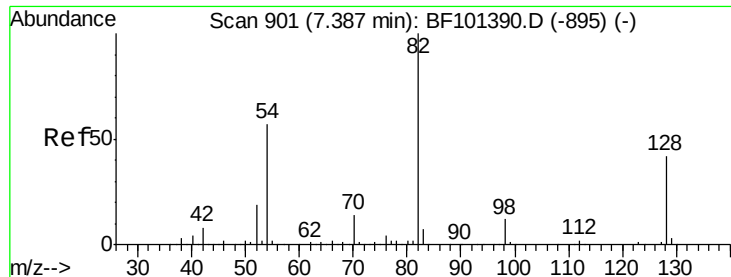
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

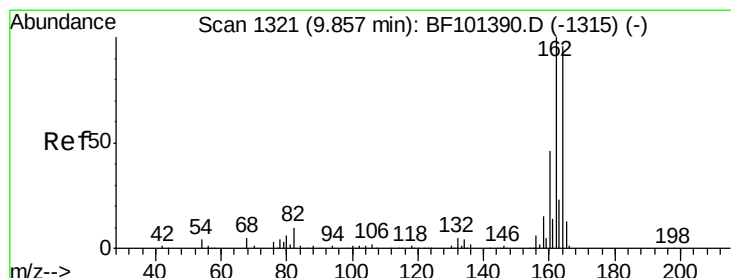
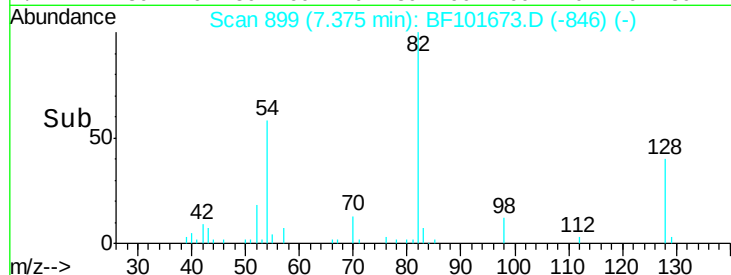
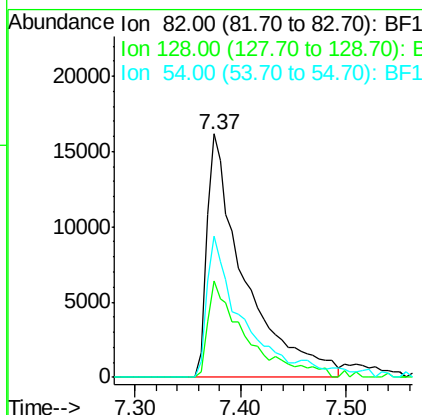
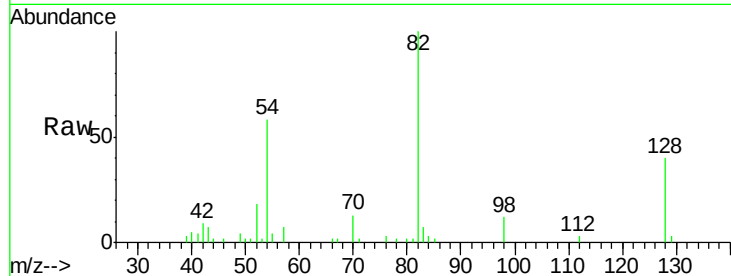




#23
Nitrobenzene-d5
Concen: 3.859 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.01 min
Lab File: BF101673.D
Acq: 23 Dec 2017 00:10

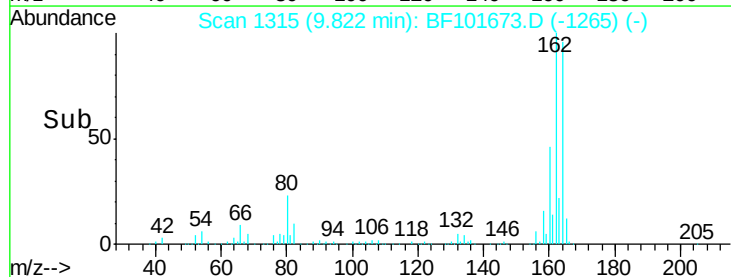
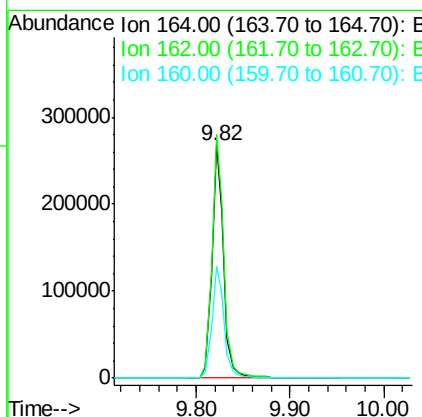
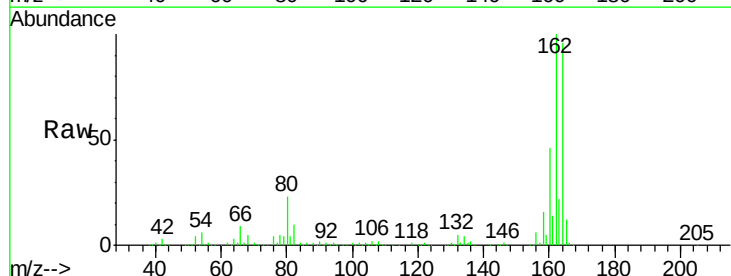
Instrument :
BNA_F
ClientSampleId :
DB-EW-3-0-4

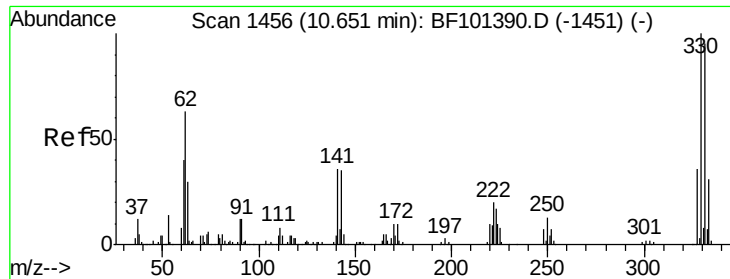
Tgt Ion: 82 Resp: 39913
Ion Ratio Lower Upper
82 100
128 39.8 36.1 54.1
54 57.8 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101673.D
Acq: 23 Dec 2017 00:10

Tgt Ion: 164 Resp: 236981
Ion Ratio Lower Upper
164 100
162 104.4 86.1 129.1
160 47.9 38.3 57.5

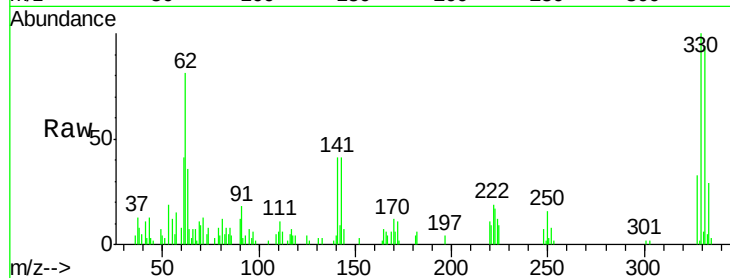




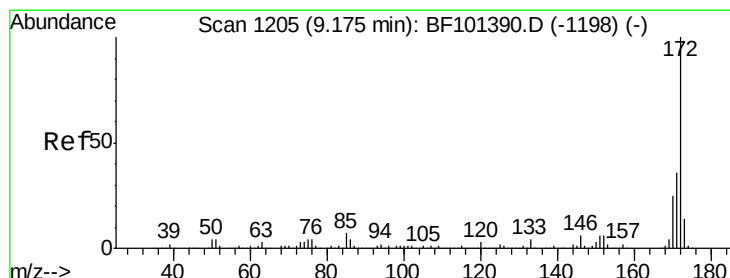
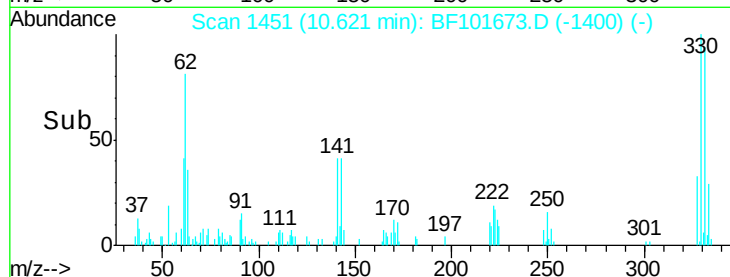
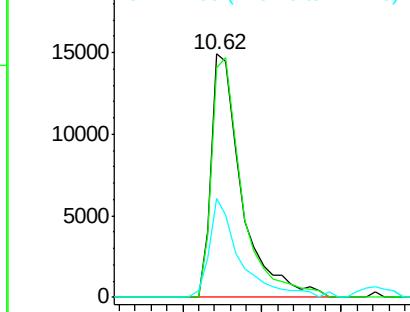
#41
 2,4,6-Tribromophenol
 Concen: 8.811 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF101673.D
 Acq: 23 Dec 2017 00:10

Instrument :
 BNA_F
 ClientSampleId :
 DB-EW-3-0-4

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	40.7	29.9	44.9

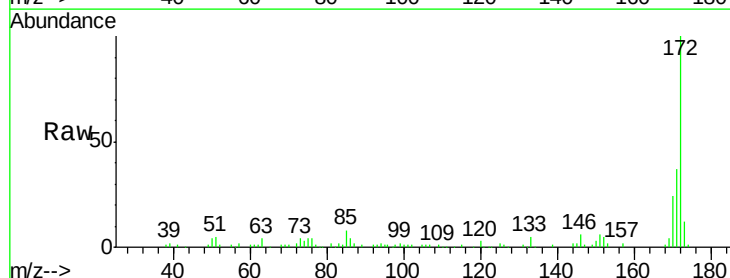


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

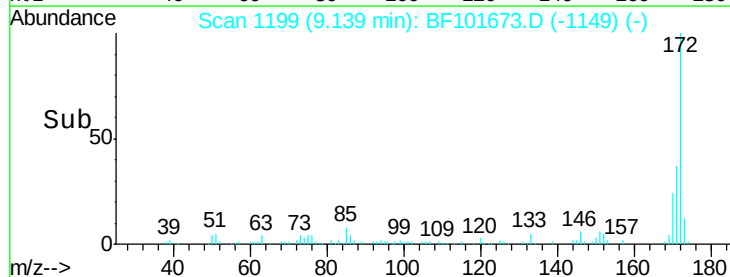
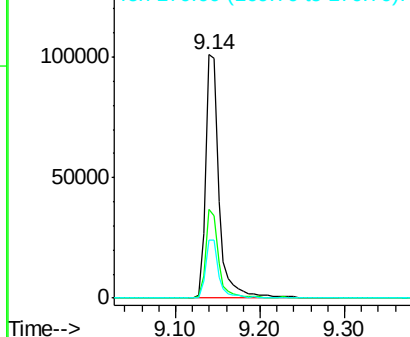


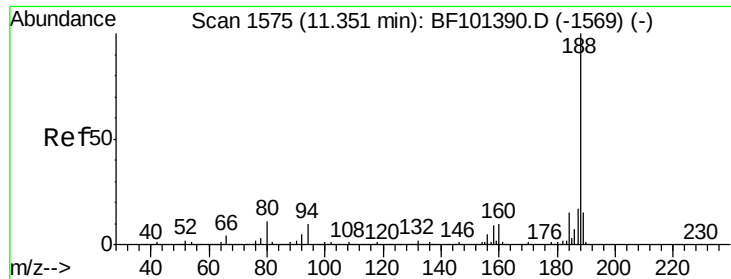
#44
 2-Fluorobiphenyl
 Concen: 7.325 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF101673.D
 Acq: 23 Dec 2017 00:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	23.7	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

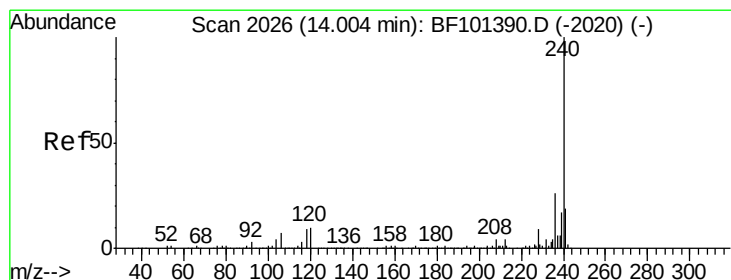
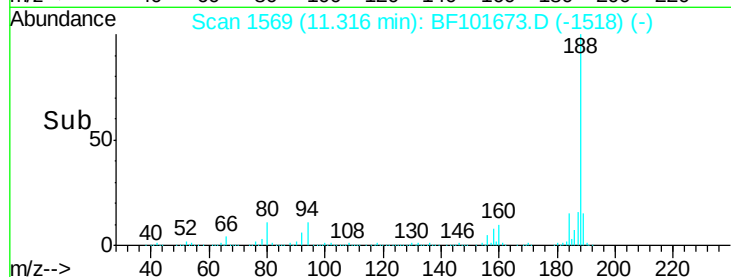
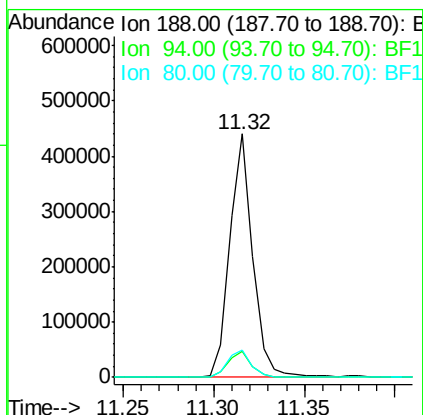
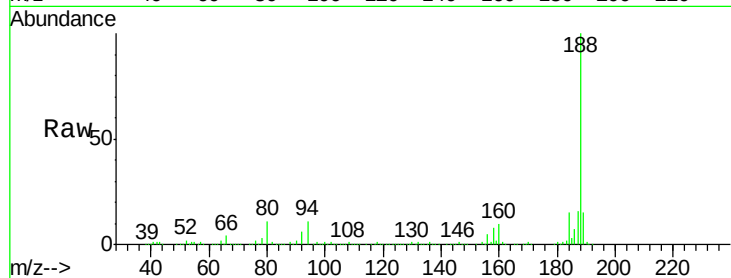




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101673.D
Acq: 23 Dec 2017 00:10

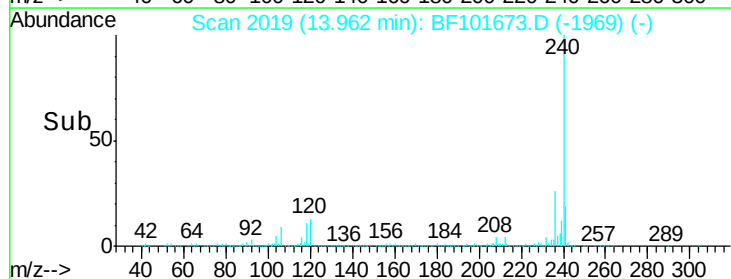
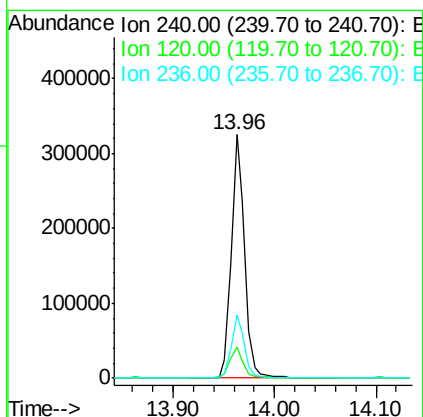
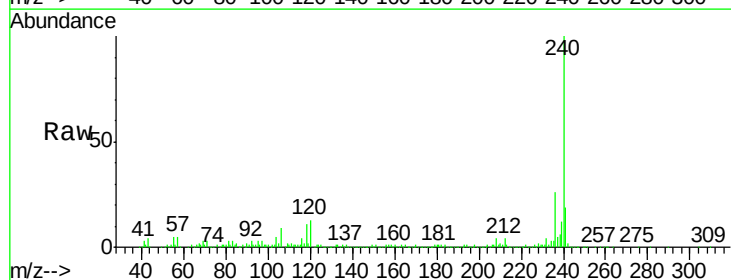
Instrument :
BNA_F
ClientSampleId :
DB-EW-3-0-4

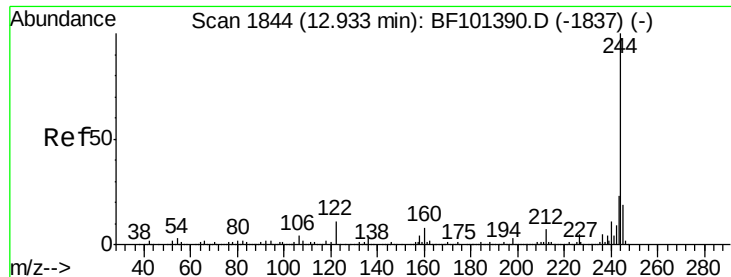
Tgt Ion:188 Resp: 389174
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF101673.D
Acq: 23 Dec 2017 00:10

Tgt Ion:240 Resp: 294525
Ion Ratio Lower Upper
240 100
120 13.0 9.5 14.3
236 26.2 20.7 31.1





#78

Terphenyl-d14

Concen: 8.504 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF101673.D

Acq: 23 Dec 2017 00:10

Instrument :

BNA_F

ClientSampleId :

DB-EW-3-0-4

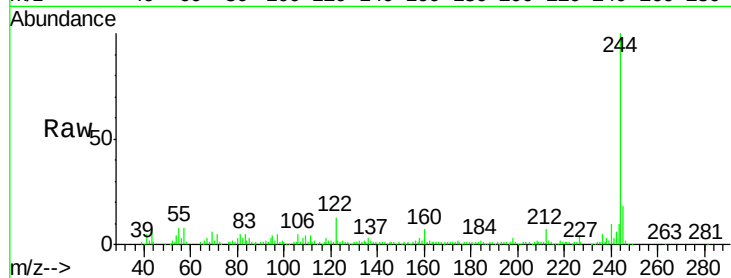
Tgt Ion:244 Resp: 103891

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

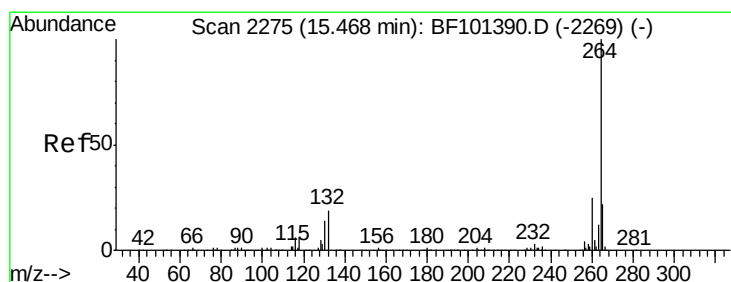
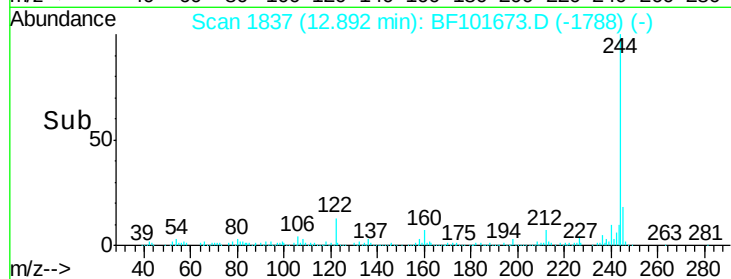
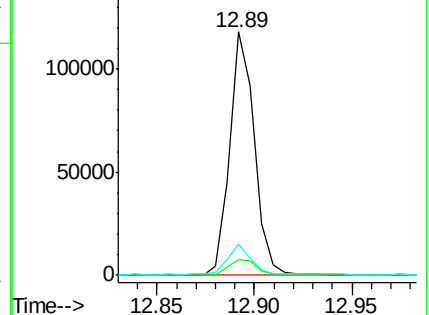
122 12.9 11.0 16.4



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: 15.43 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BF101673.D

Acq: 23 Dec 2017 00:10

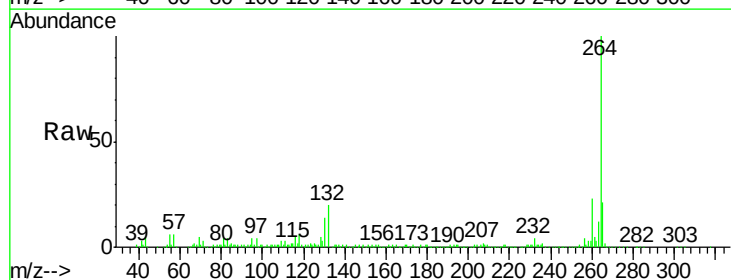
Tgt Ion:264 Resp: 286518

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.6 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

