

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101723.D
 Acq On : 26 Dec 2017 19:46
 Operator : SJ/JU
 Sample : PB105334BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105334BL

Quant Time: Dec 27 05:49:04 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	137333	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	546811	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	247795	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	487708	20.00	ng	0.00
75) Chrysene-d12	13.97	240	378096	20.00	ng	0.00
86) Perylene-d12	15.43	264	316289	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	941736	102.15	ng	0.01
7) Phenol-d6	6.43	99	1135574	98.97	ng	0.00
23) Nitrobenzene-d5	7.36	82	718356	73.13	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	263324	110.28	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1245366	77.96	ng	0.00
78) Terphenyl-d14	12.90	244	1196434	76.29	ng	0.00

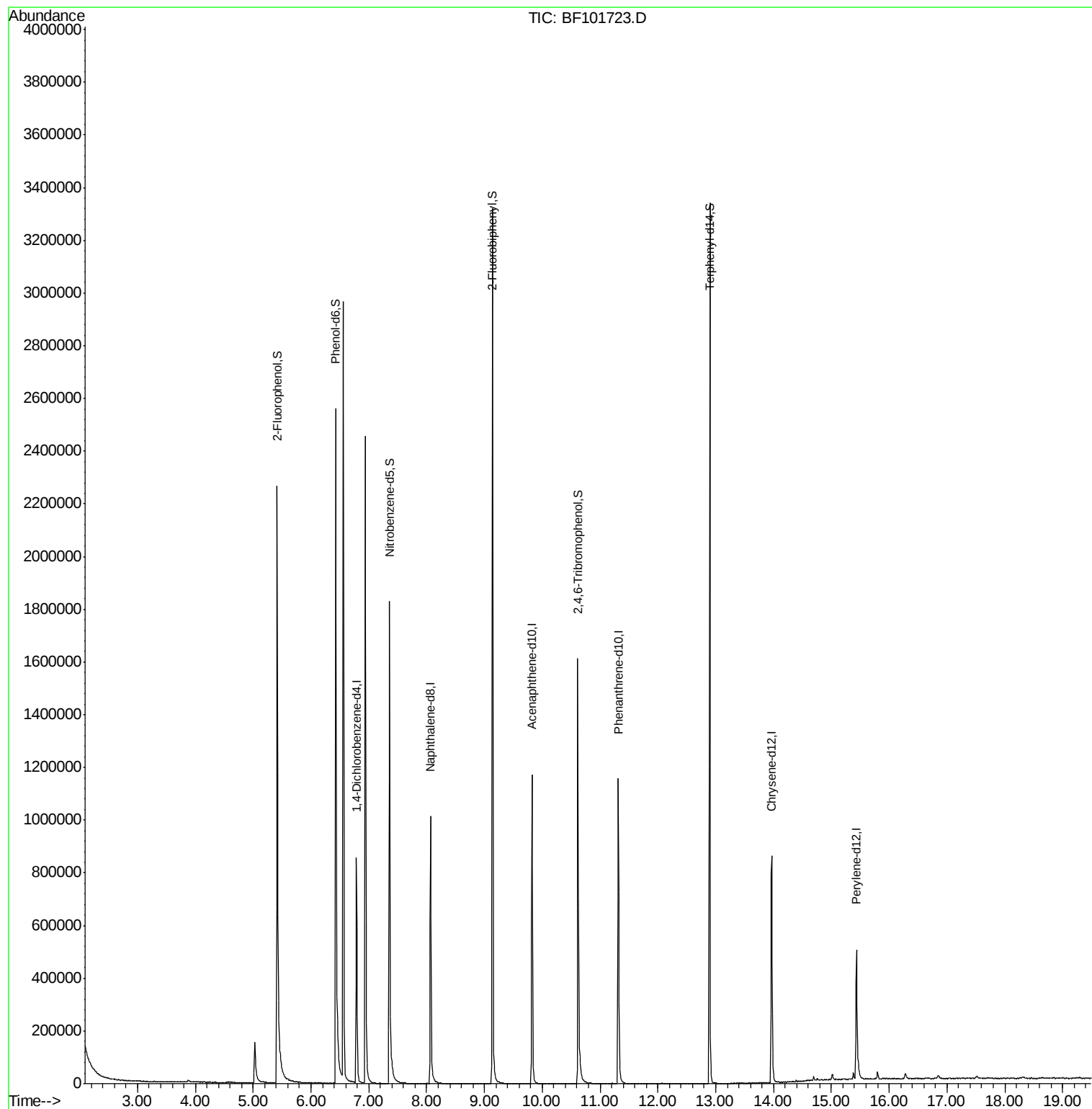
Target Compounds	Qvalue
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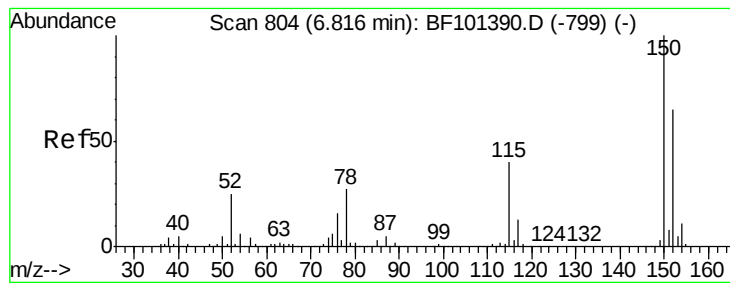
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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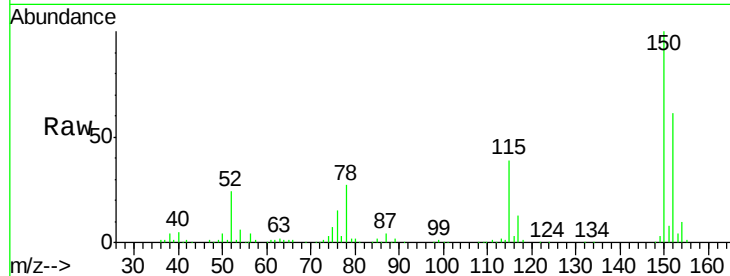


#1

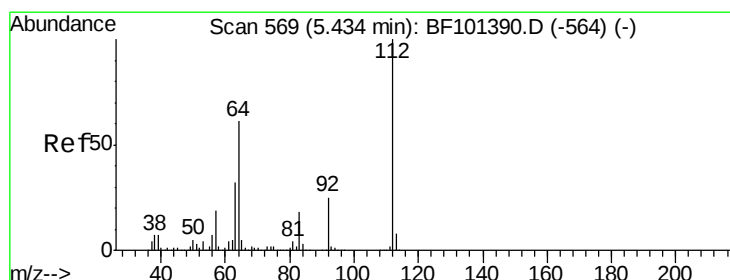
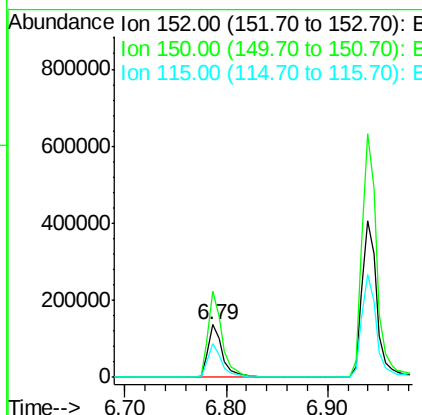
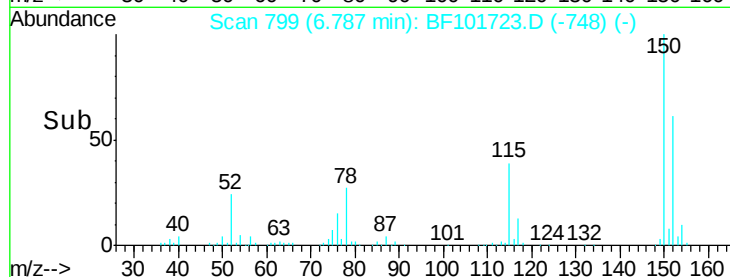
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101723.D
Acq: 26 Dec 2017 19:46

Instrument :
BNA_F
ClientSampleId :
PB105334BL

Tgt Ion:152 Resp: 137333
Ion Ratio Lower Upper
152 100
150 162.6 124.6 186.8
115 64.2 50.1 75.1



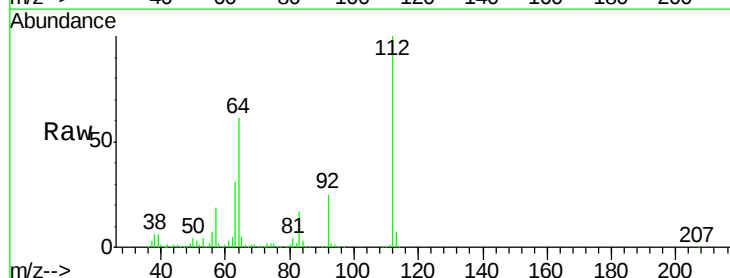
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



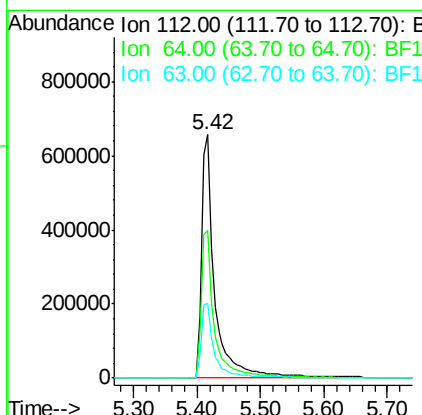
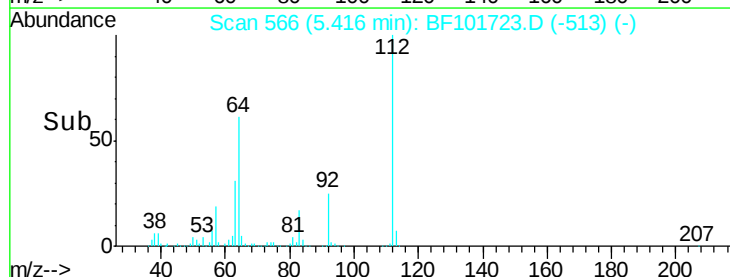
#5

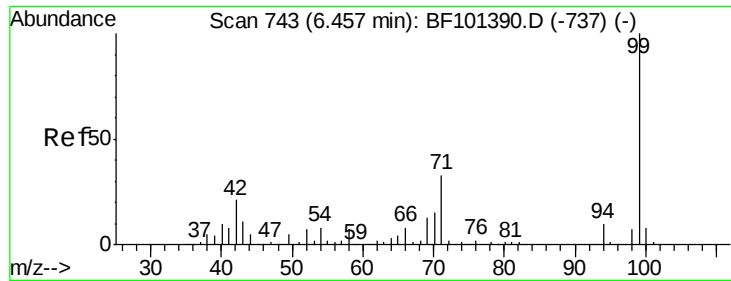
2-Fluorophenol
Concen: 102.145 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101723.D
Acq: 26 Dec 2017 19:46

Tgt Ion:112 Resp: 941736
Ion Ratio Lower Upper
112 100
64 60.5 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): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 98.968 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF101723.D

Acq: 26 Dec 2017 19:46

Instrument :

BNA_F

ClientSampleId :

PB105334BL

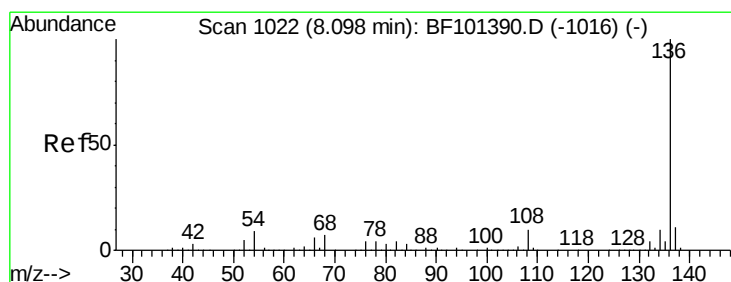
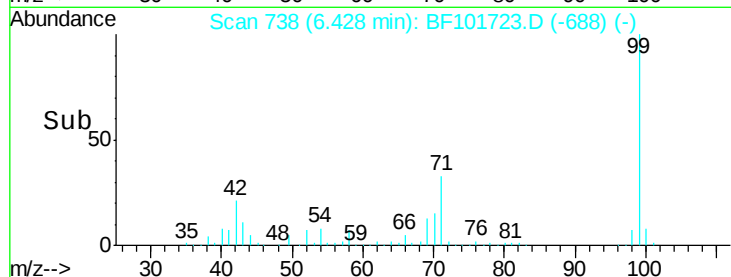
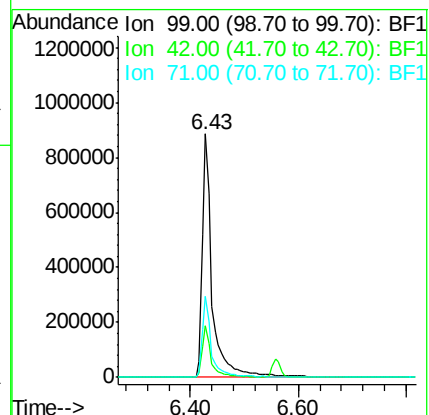
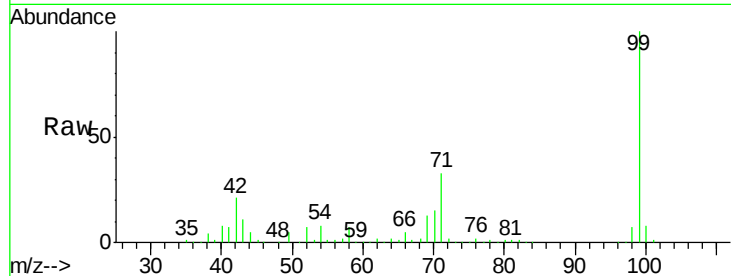
Tgt Ion: 99 Resp: 1135574

Ion Ratio Lower Upper

99 100

42 21.2 14.5 21.7

71 33.3 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF101723.D

Acq: 26 Dec 2017 19:46

Tgt Ion: 136 Resp: 546811

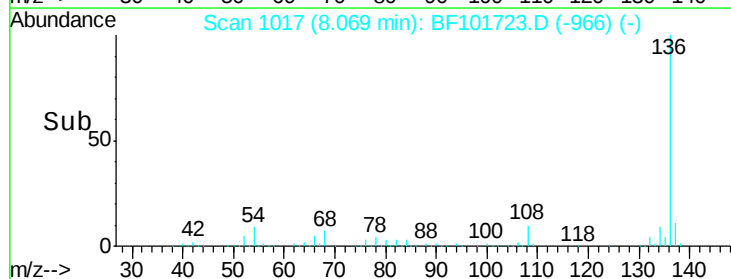
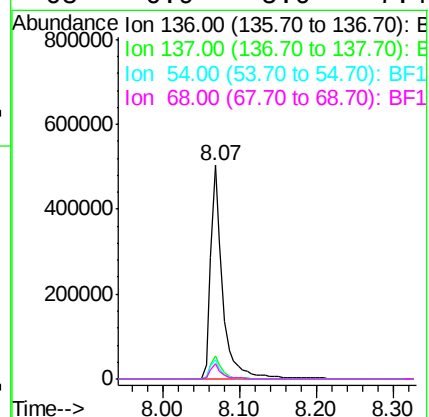
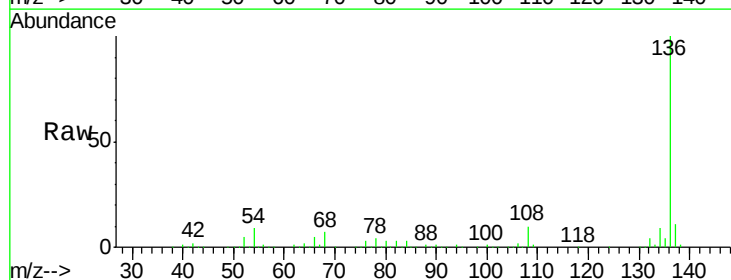
Ion Ratio Lower Upper

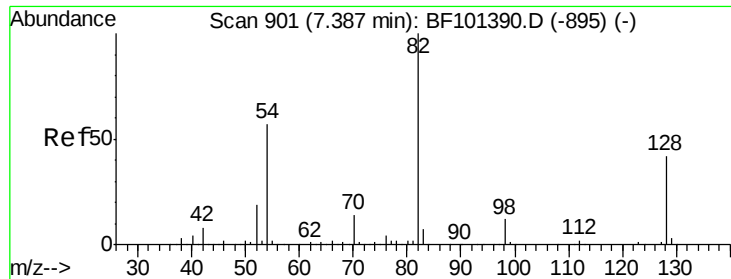
136 100

137 11.0 8.9 13.3

54 9.3 6.6 9.8

68 6.9 5.0 7.4

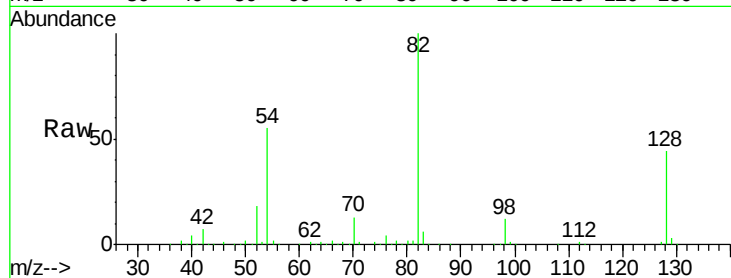




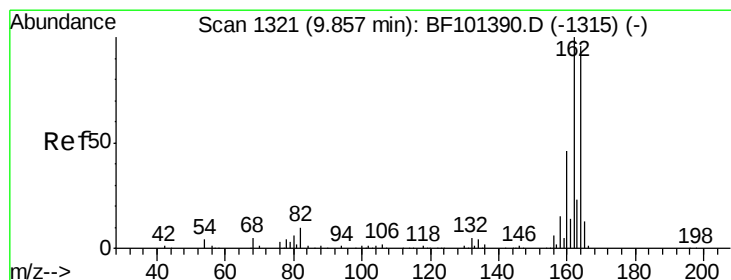
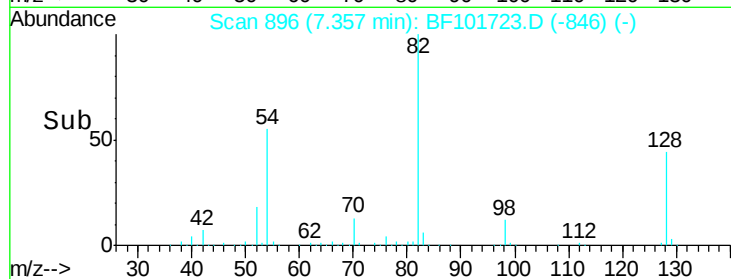
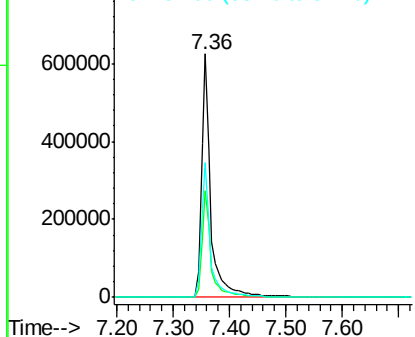
#23
 Nitrobenzene-d5
 Concen: 73.129 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF101723.D
 Acq: 26 Dec 2017 19:46

Instrument :
 BNA_F
 ClientSampleId :
 PB105334BL

Tgt Ion: 82 Resp: 718356
 Ion Ratio Lower Upper
 82 100
 128 43.6 36.1 54.1
 54 55.2 41.4 62.2

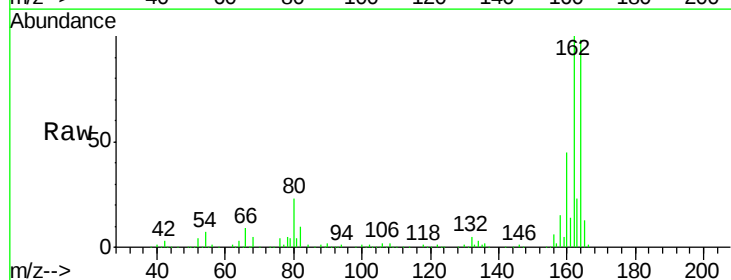


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

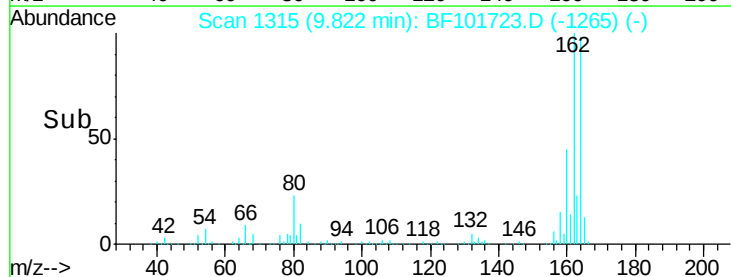
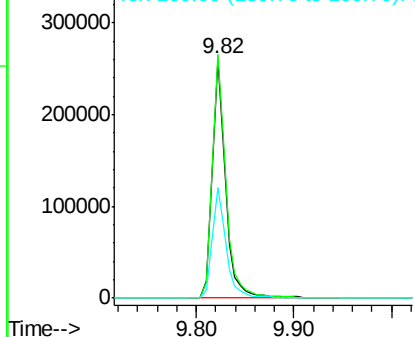


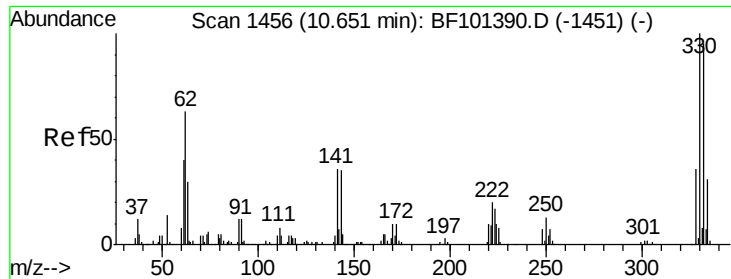
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF101723.D
 Acq: 26 Dec 2017 19:46

Tgt Ion: 164 Resp: 247795
 Ion Ratio Lower Upper
 164 100
 162 102.1 86.1 129.1
 160 46.4 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

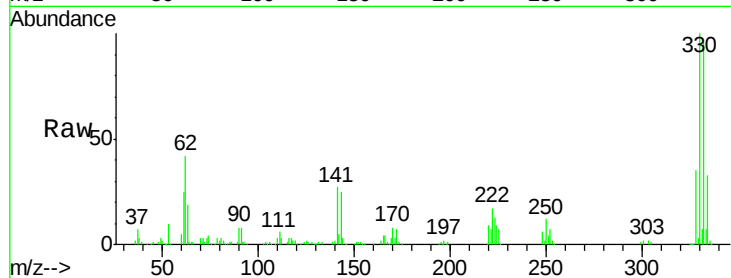




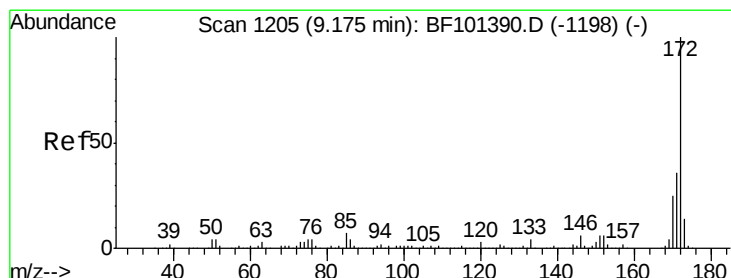
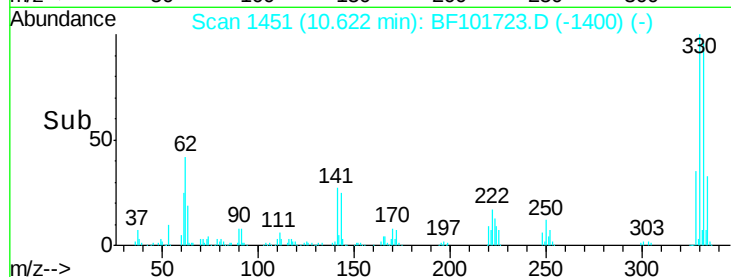
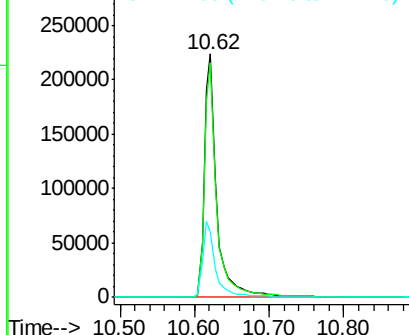
#41
 2,4,6-Tribromophenol
 Concen: 110.284 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF101723.D
 Acq: 26 Dec 2017 19:46

Instrument :
 BNA_F
 ClientSampleId :
 PB105334BL

Tgt Ion: 330 Resp: 263324
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 32.8 29.9 44.9

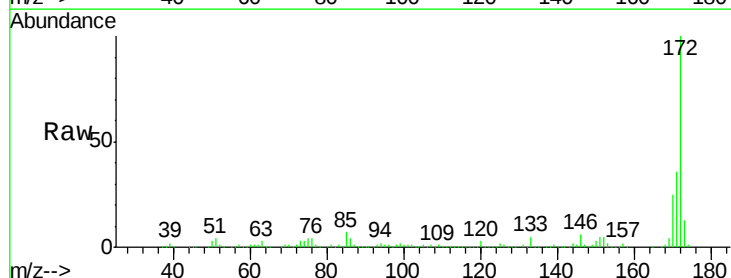


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

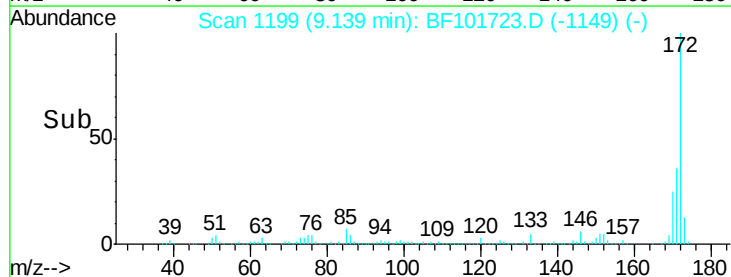
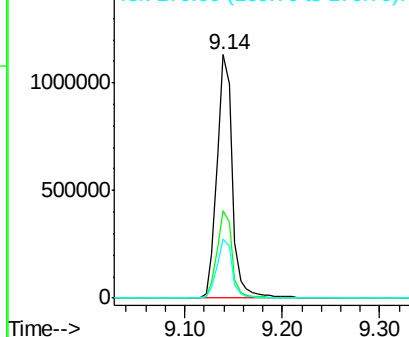


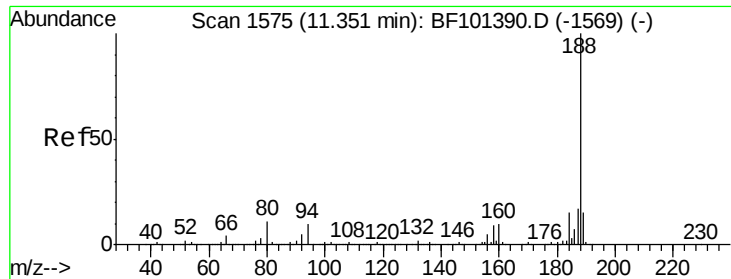
#44
 2-Fluorobiphenyl
 Concen: 77.962 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF101723.D
 Acq: 26 Dec 2017 19:46

Tgt Ion: 172 Resp: 1245366
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.6 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

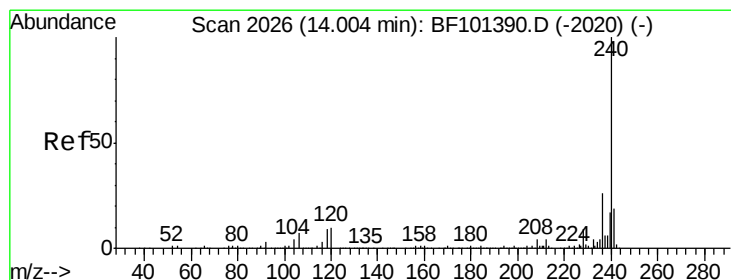
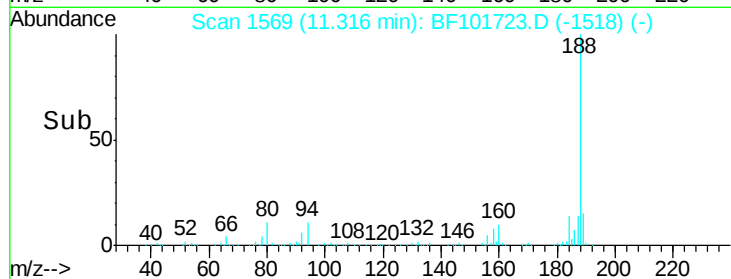
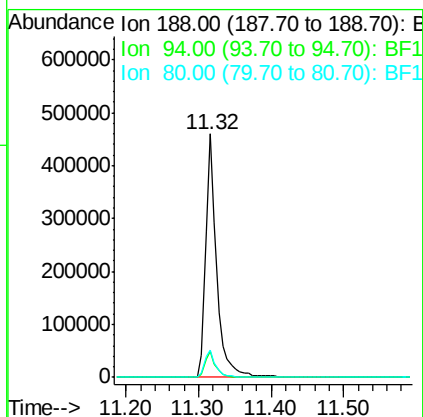
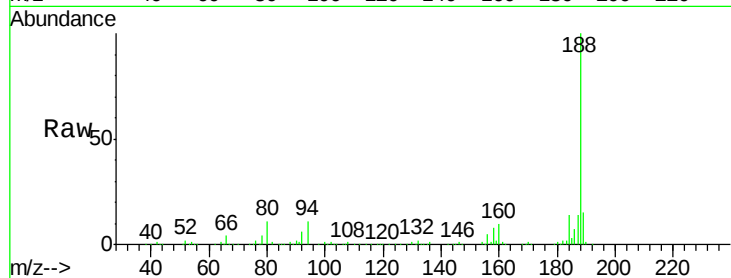




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101723.D
Acq: 26 Dec 2017 19:46

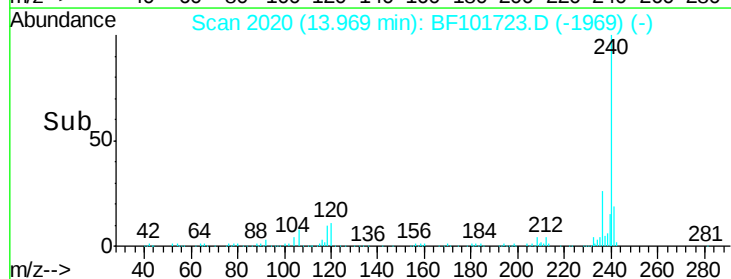
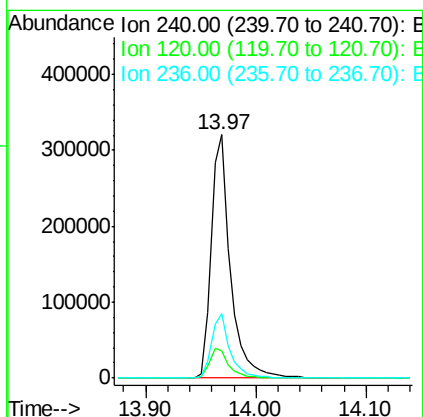
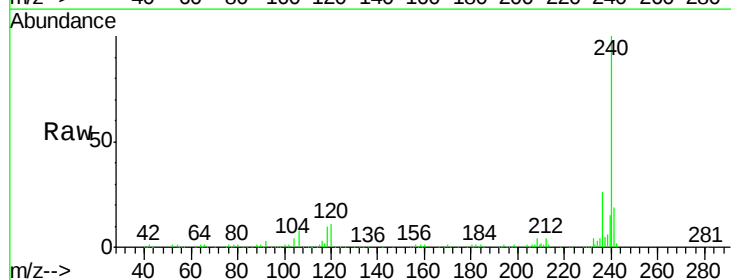
Instrument :
BNA_F
ClientSampleId :
PB105334BL

Tgt Ion:188 Resp: 487708
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF101723.D
Acq: 26 Dec 2017 19:46

Tgt Ion:240 Resp: 378096
Ion Ratio Lower Upper
240 100
120 11.3 9.5 14.3
236 26.4 20.7 31.1





#78

Terphenyl-d14

Concen: 76.286 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF101723.D

Acq: 26 Dec 2017 19:46

Instrument :

BNA_F

ClientSampleId :

PB105334BL

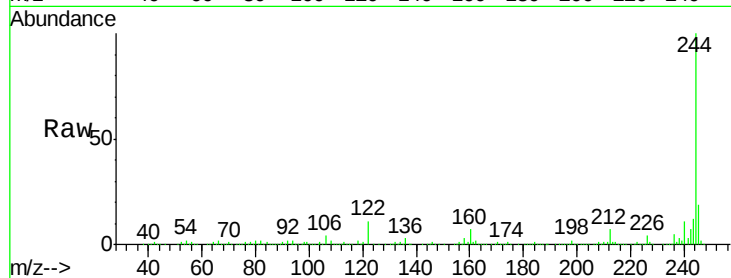
Tgt Ion:244 Resp: 1196434

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

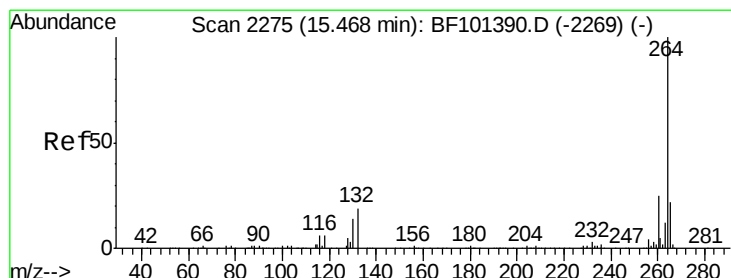
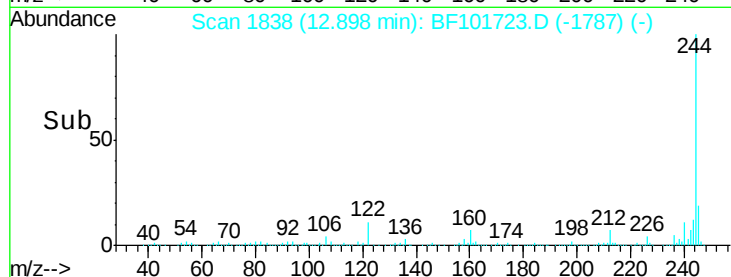
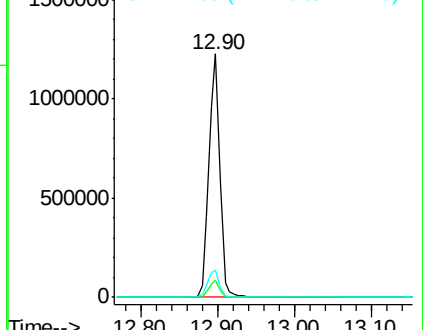
122 11.1 11.0 16.4



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# 2269

Delta R.T. 0.00 min

Lab File: BF101723.D

Acq: 26 Dec 2017 19:46

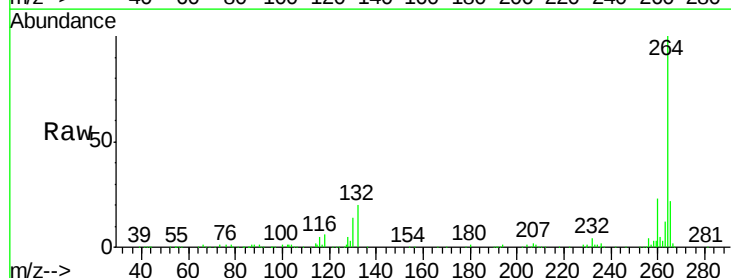
Tgt Ion:264 Resp: 316289

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.0 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

