Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101657.D
Acq On : 22 Dec 2017 16:59
Operator : SJ/JU
Sample : I7007-01 100X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV21854L

Quant Time: Dec 22 23:12:36 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	150797	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	604807	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	253923	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	424898	20.00	ng	0.00
75) Chrysene-d12	13.97	240	261215	20.00	ng	0.00
86) Perylene-d12	15.43	264	305983	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.15	172	286	0.02	ng	0.00
78) Terphenyl-d14	12.90	244	2149	0.20	ng	0.00
Target Compounds						Qvalue

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

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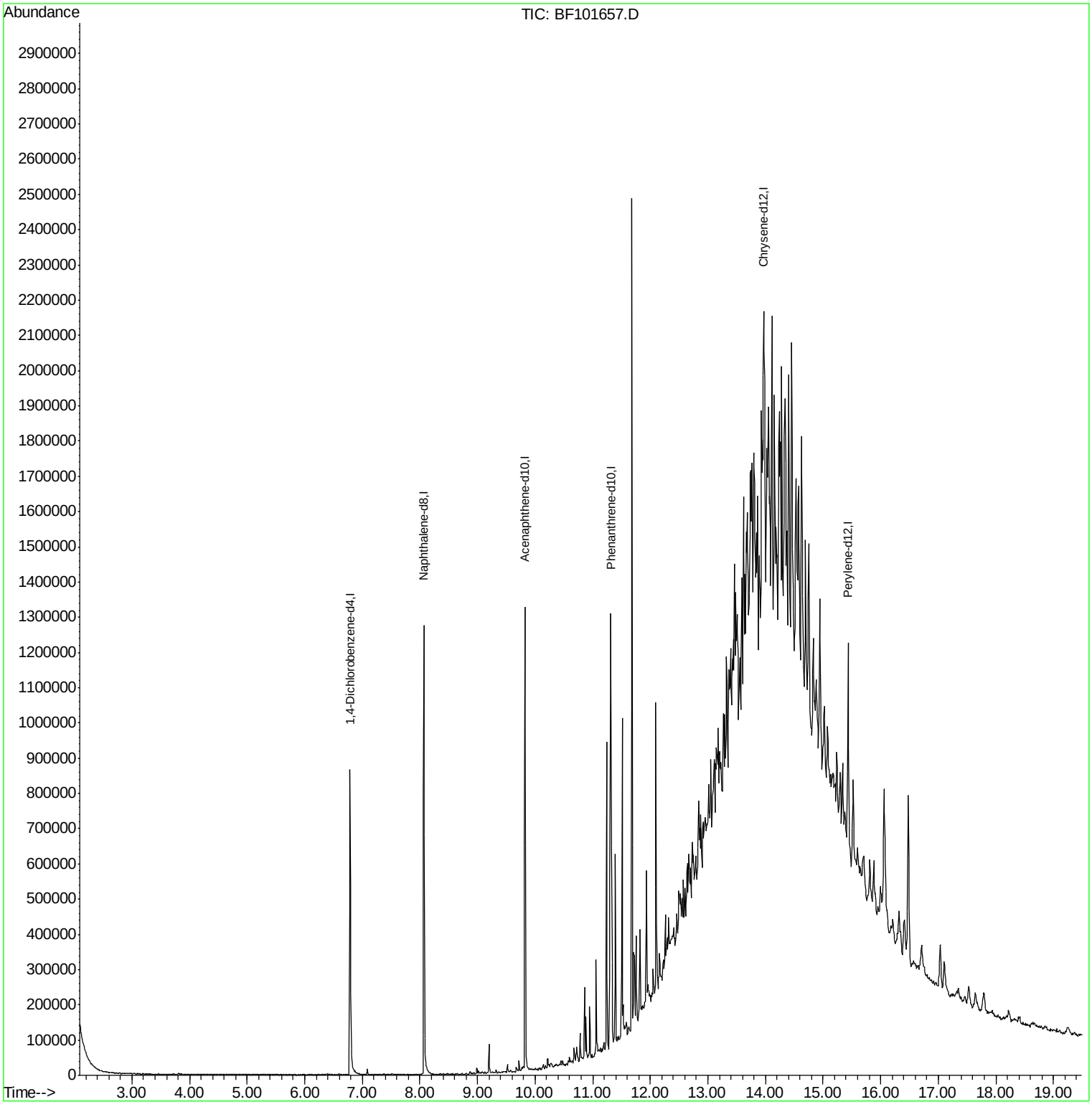
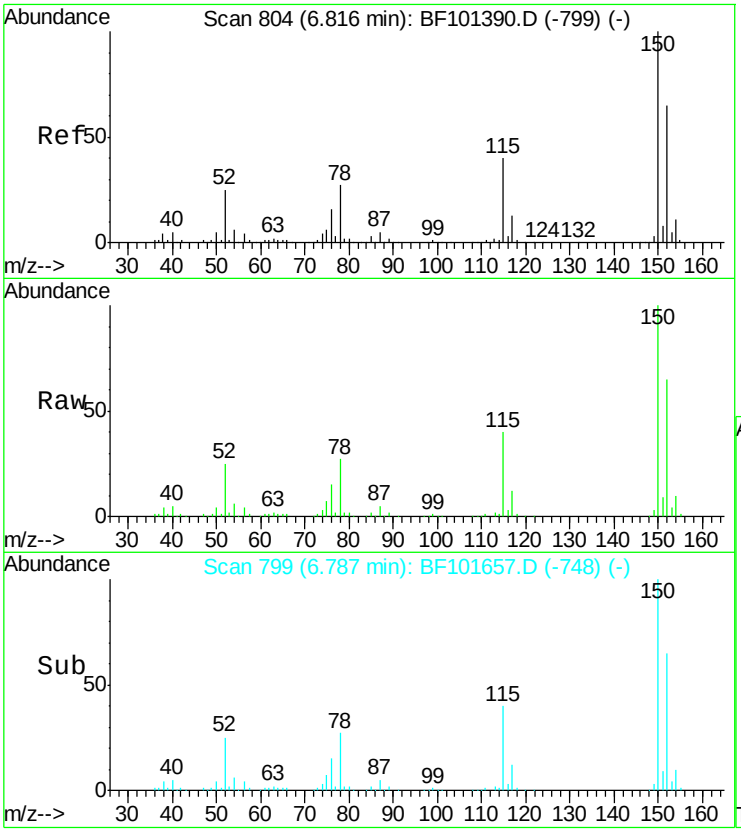


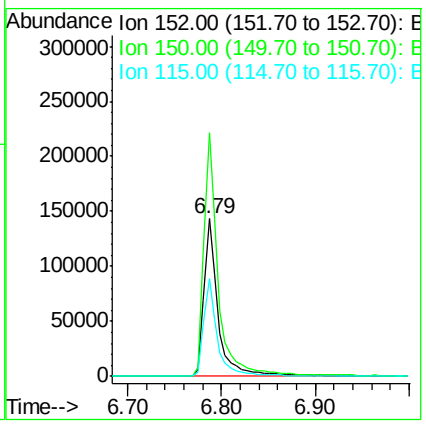


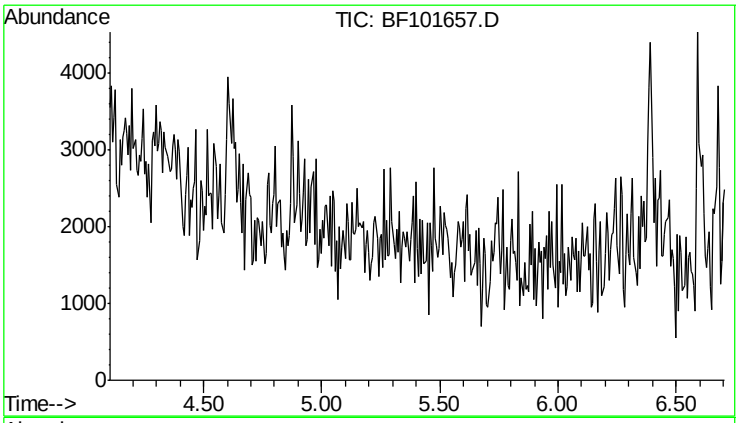
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101657.D
Acq: 22 Dec 2017 16:59

Instrument :
BNA_F
ClientSampleId :
SV21854L

Tgt Ion:152 Resp: 150797

Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.6	186.8
115	61.6	50.1	75.1



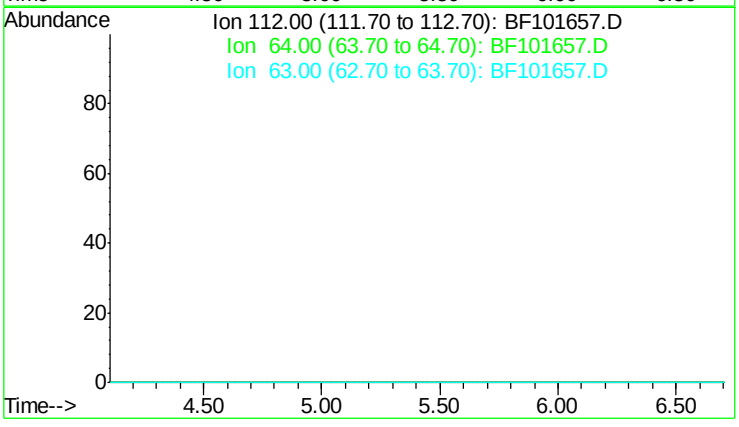


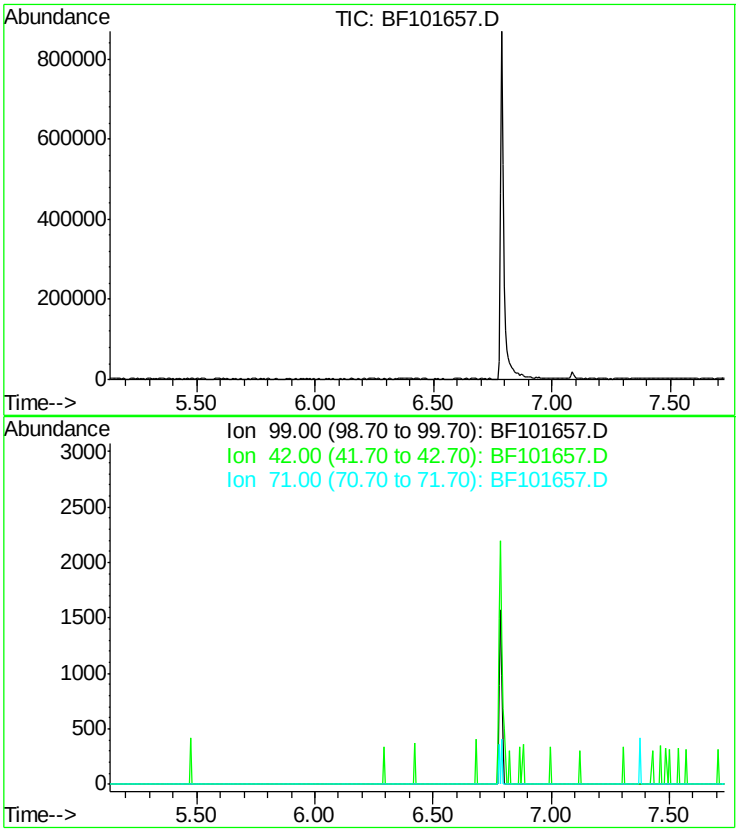
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.40 min

Lab File: BF101657.D
Acq: 22 Dec 2017 16:59

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	59.9
63	29.6





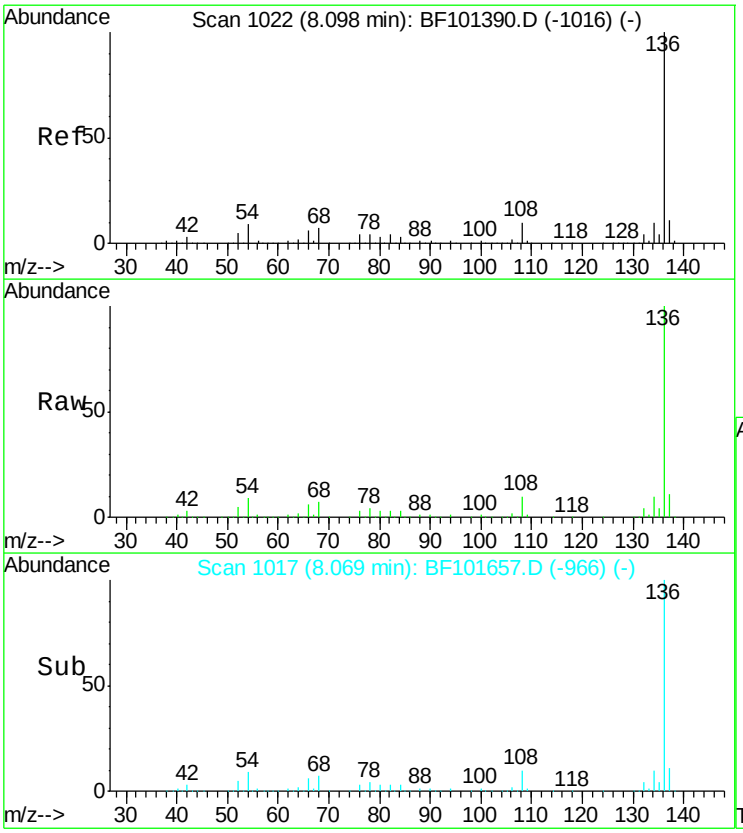
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.43 min

Lab File: BF101657.D
Acq: 22 Dec 2017 16:59

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	18.1
71	31.7

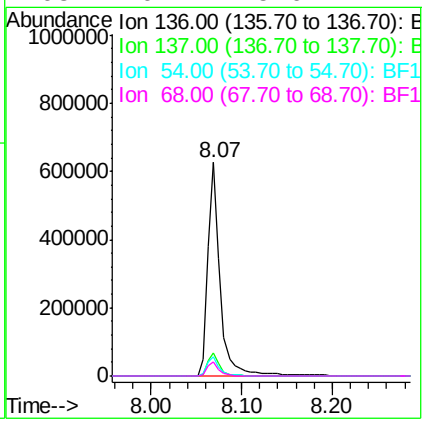
Instrument :
BNA_F
ClientSampleId :
SV21854L

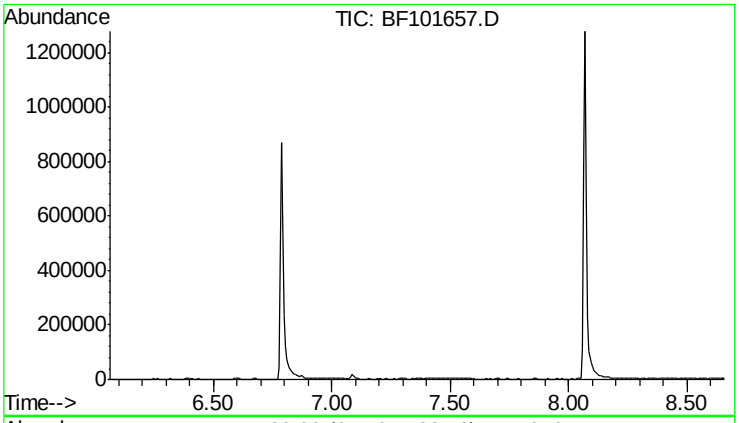


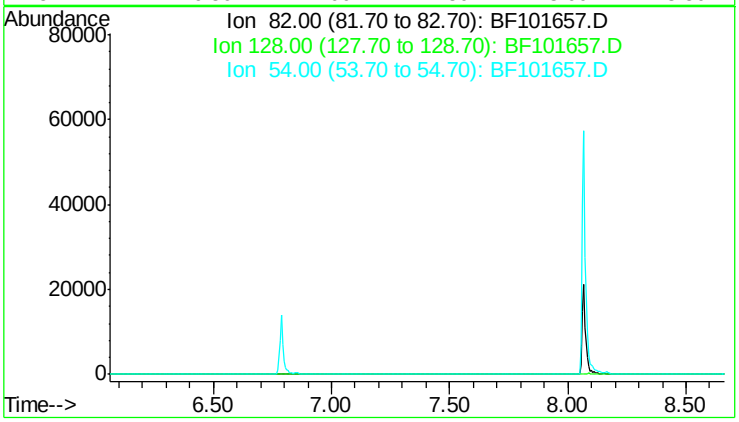
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF101657.D
Acq: 22 Dec 2017 16:59

Tgt Ion:136 Resp: 604807

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.2	6.6	9.8
68	6.7	5.0	7.4







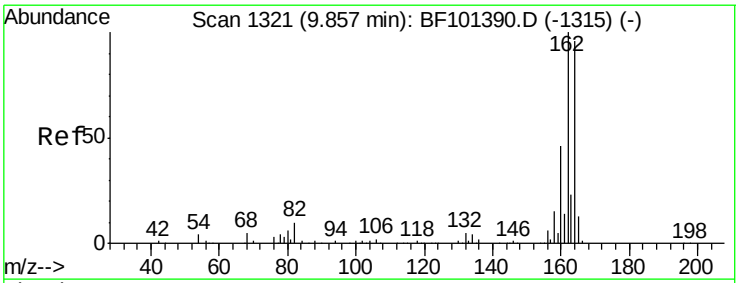
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.36 min

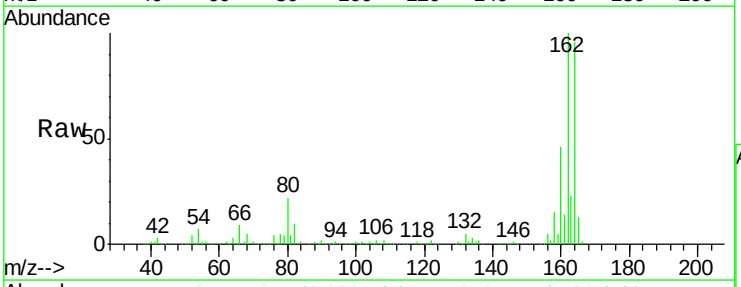
Lab File: BF101657.D
Acq: 22 Dec 2017 16:59

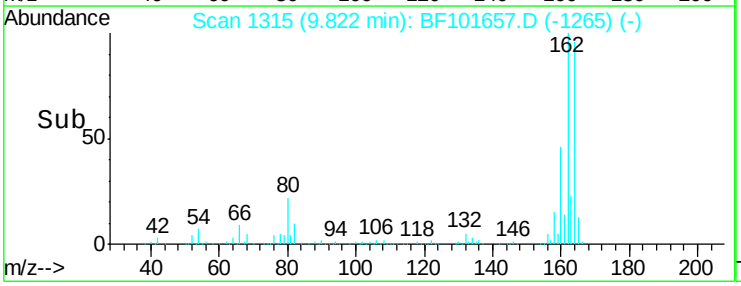
Tgt Ion: 82

Sig	Exp Ratio
82	100
128	45.1
54	51.8

Instrument :
BNA_F
ClientSampleId :
SV21854L



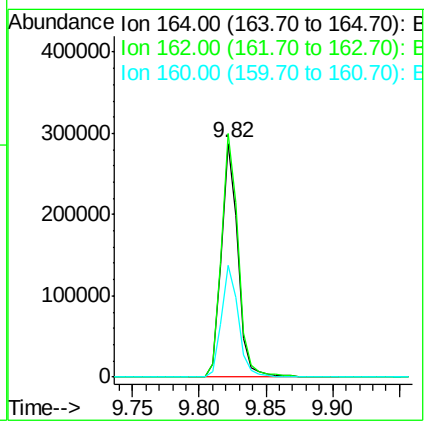


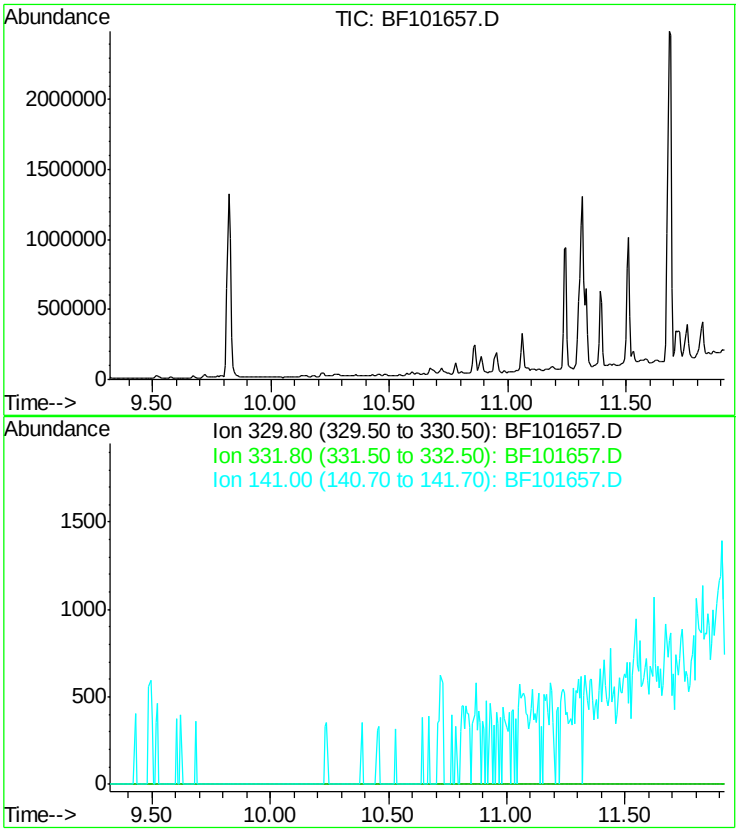


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101657.D
Acq: 22 Dec 2017 16:59

Tgt Ion:164 Resp: 253923

Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	47.6	38.3	57.5





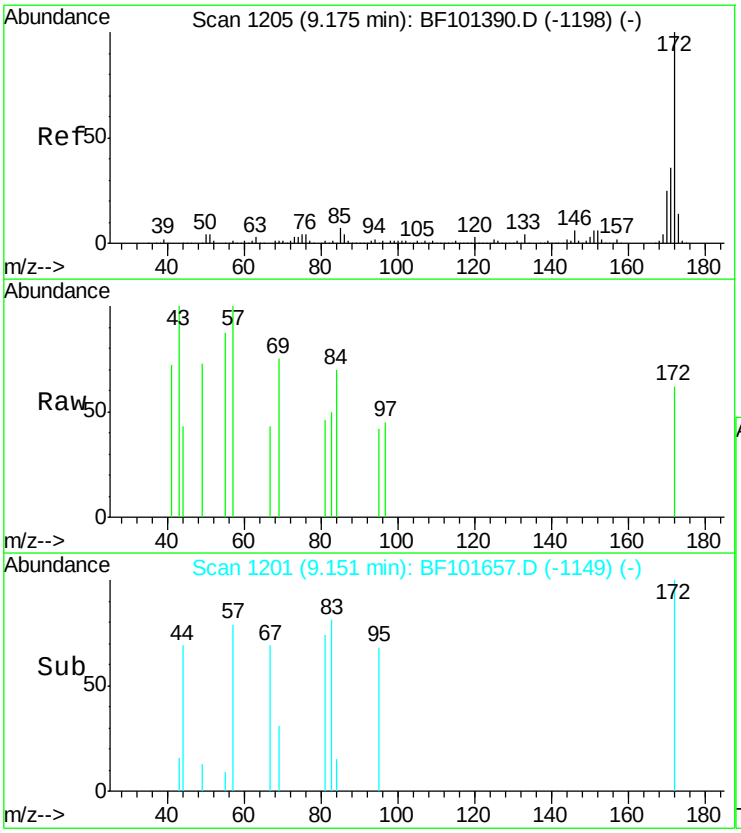
#41
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.62 min

Lab File: BF101657.D
Acq: 22 Dec 2017 16:59

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.3
141	37.4

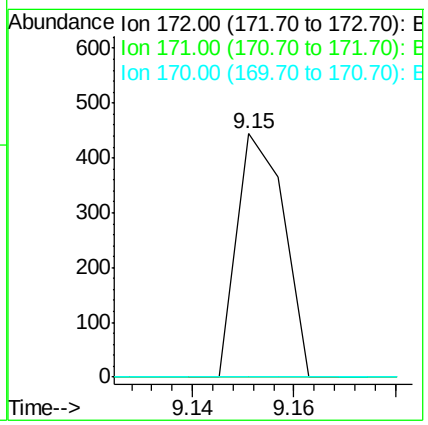
Instrument :
BNA_F
ClientSampleId :
SV21854L

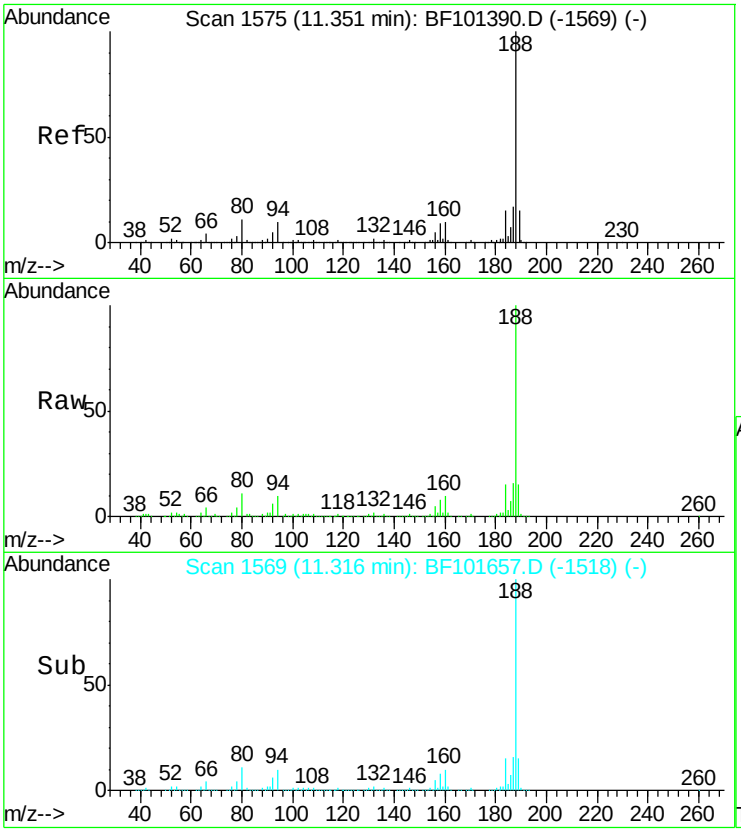


#44
2-Fluorobiphenyl
Concen: 0.017 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BF101657.D
Acq: 22 Dec 2017 16:59

Tgt Ion:172 Resp: 286

Ion	Ratio	Lower	Upper
172	100		
171	0.0	29.7	44.5#
170	0.0	19.6	29.4#



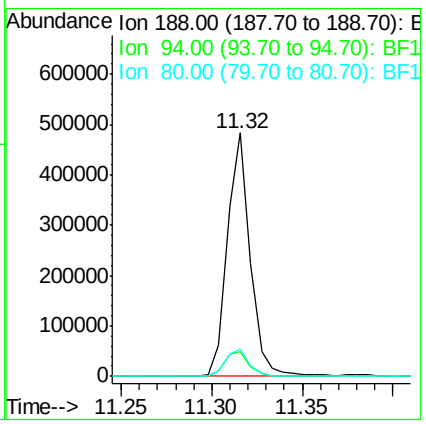


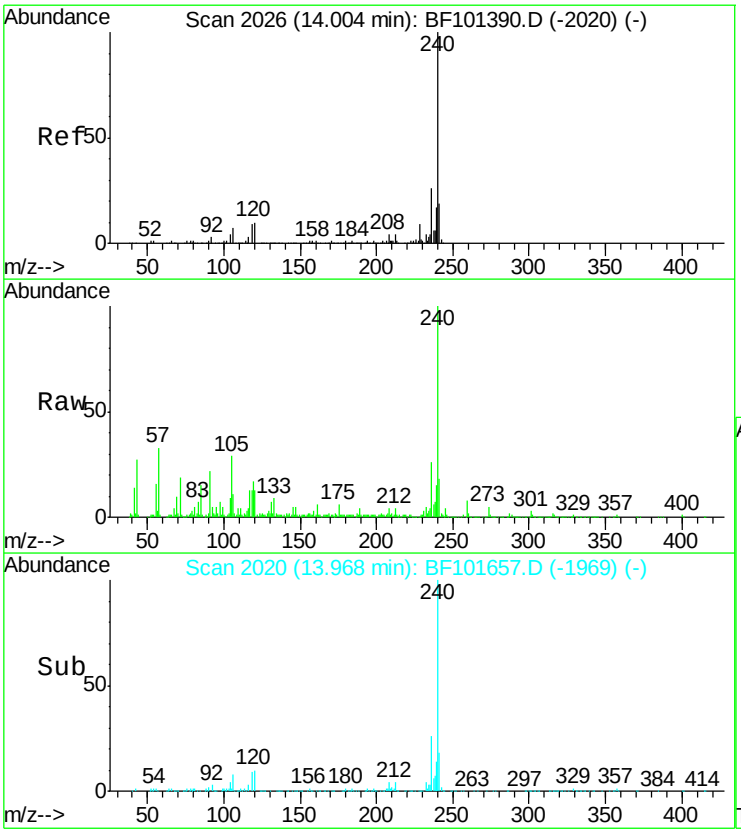
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101657.D
Acq: 22 Dec 2017 16:59

Instrument :
BNA_F
ClientSampleId :
SV21854L

Tgt Ion:188 Resp: 424898

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.1	9.2	13.8

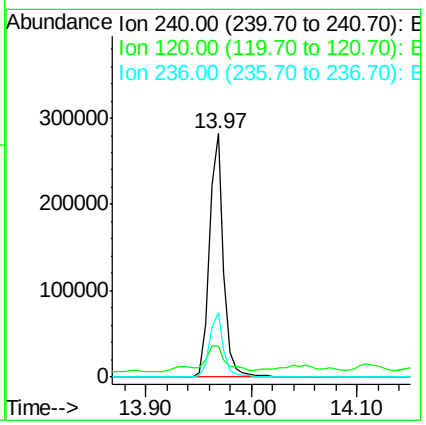


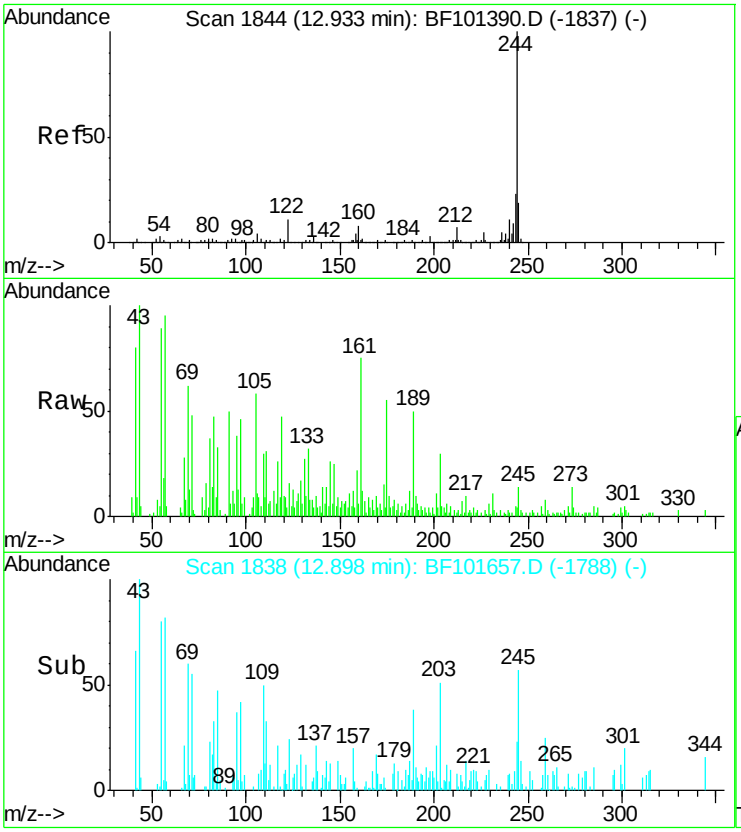


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF101657.D
Acq: 22 Dec 2017 16:59

Tgt Ion:240 Resp: 261215

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.5	14.3
236	26.4	20.7	31.1



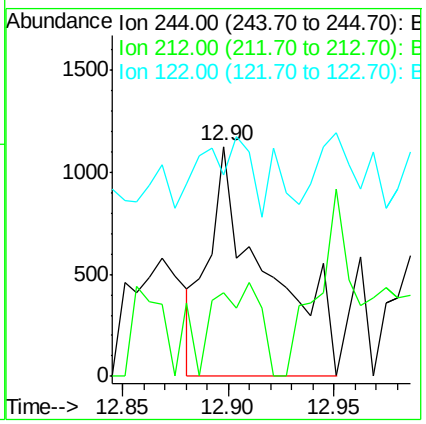


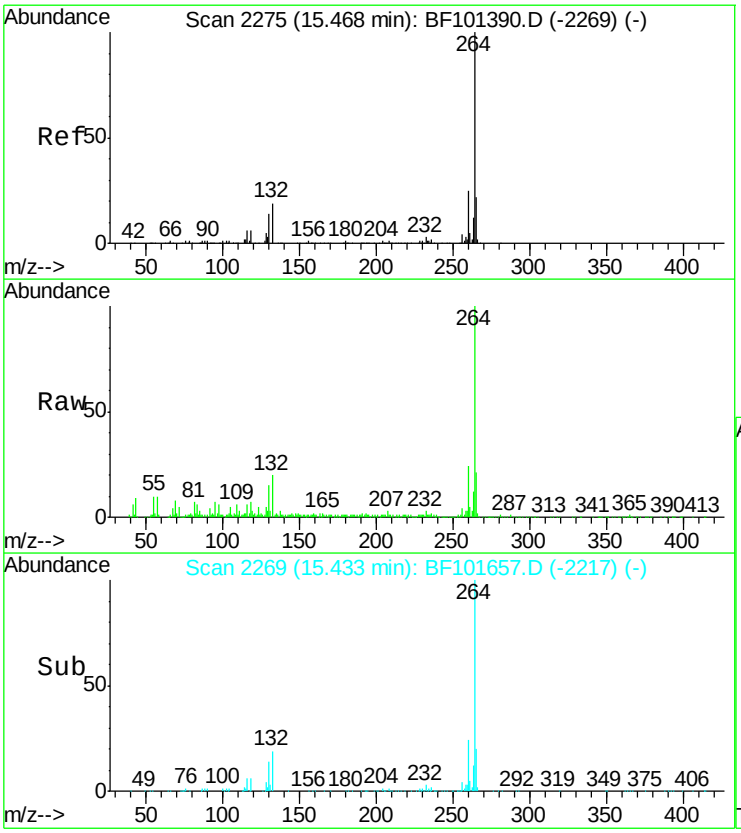
#78
Terphenyl-d14
Concen: 0.198 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF101657.D
Acq: 22 Dec 2017 16:59

Instrument :
BNA_F
ClientSampleId :
SV21854L

Tgt Ion:244 Resp: 2149

Ion	Ratio	Lower	Upper
244	100		
212	36.6	5.4	8.0#
122	87.4	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF101657.D
Acq: 22 Dec 2017 16:59

Tgt Ion:264 Resp: 305983

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.8	17.5	26.3