Quantitation Report (QT Reviewed)

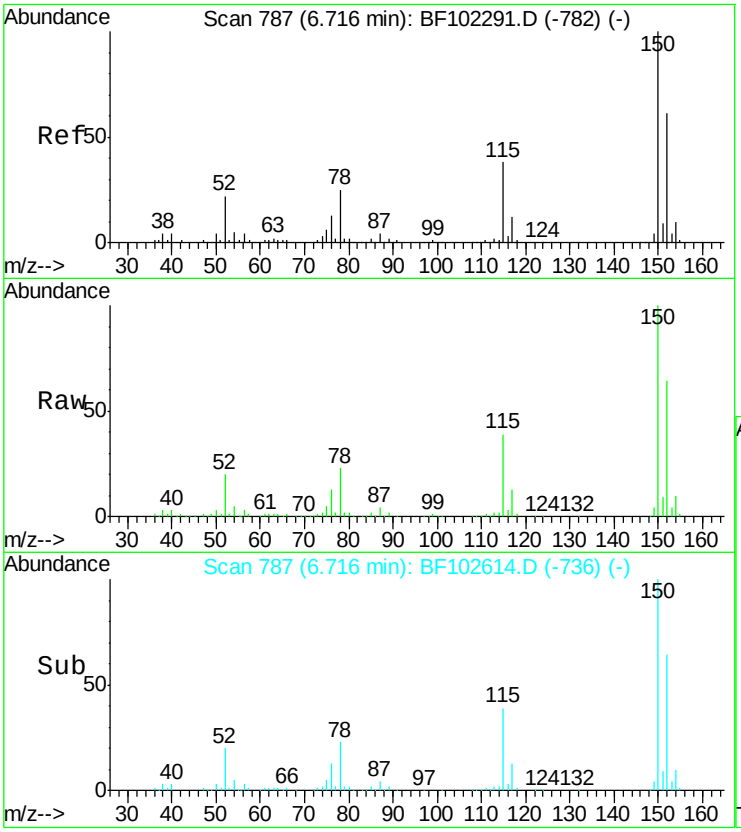
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
Data File : BF102614.D
Acq On : 29 Jan 2018 23:05
Operator : SJ/JU
Sample : J1009-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-012518-A

Quant Time: Jan 30 02:48:55 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 20:48:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	163044	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	679505	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	282313	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	419388	20.00	ng	0.00
75) Chrysene-d12	13.87	240	311956	20.00	ng	0.00
86) Perylene-d12	15.31	264	307935	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1230853	114.47	ng	0.03
7) Phenol-d6	6.37	99	1394638	107.58	ng	0.00
23) Nitrobenzene-d5	7.29	82	998657	84.46	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	281809	100.74	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1666057	86.77	ng	0.00
78) Terphenyl-d14	12.82	244	1153614	83.37	ng	0.00
Target Compounds						Qvalue

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

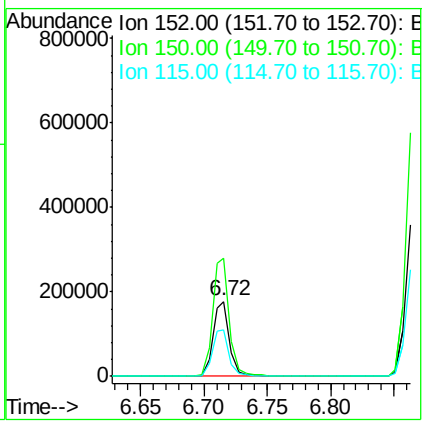


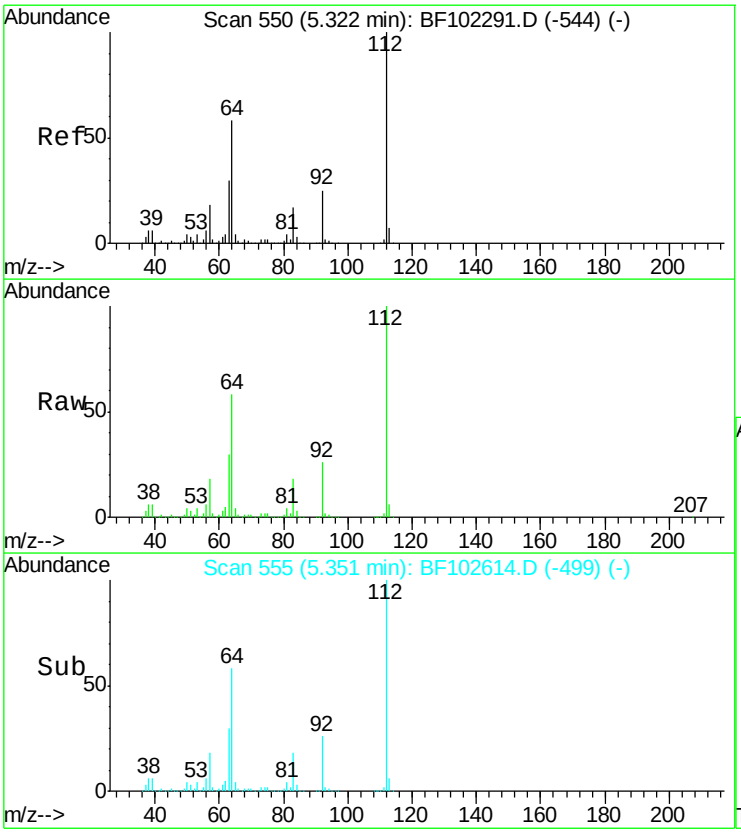
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102614.D
Acq: 29 Jan 2018 23:05

Instrument :
BNA_F
ClientSampleId :
AU-06-012518-A

Tgt Ion:152 Resp: 163044

Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	62.0	50.1	75.1

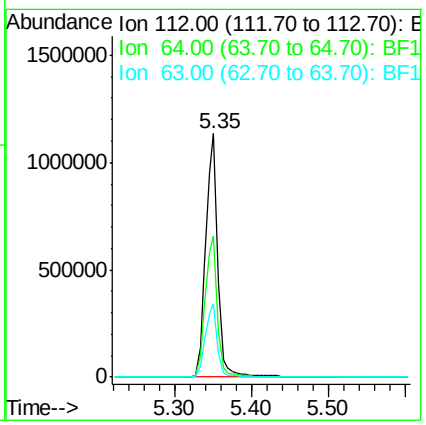


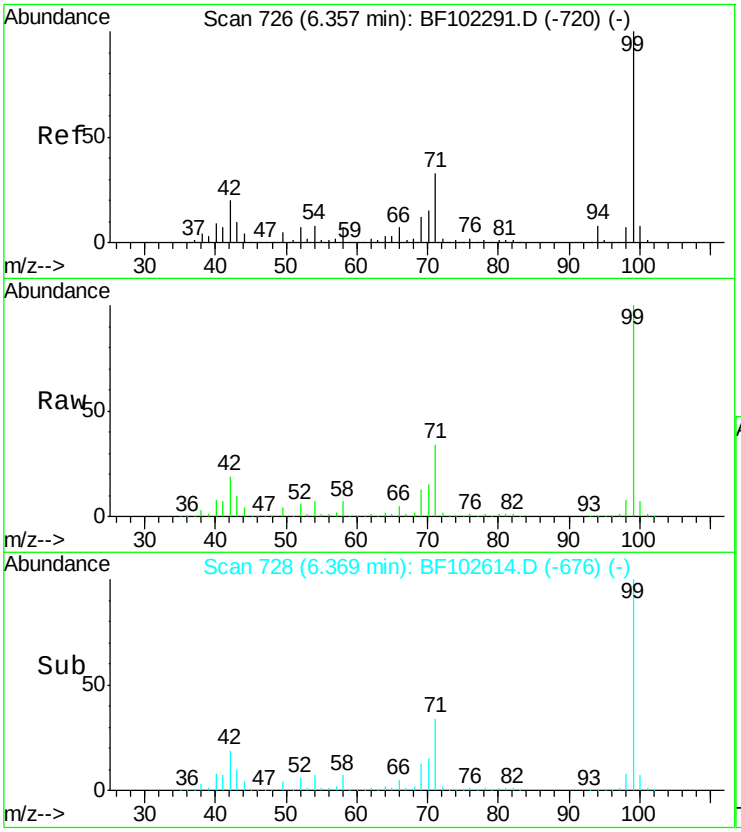


#5
2-Fluorophenol
Concen: 114.466 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.03 min
Lab File: BF102614.D
Acq: 29 Jan 2018 23:05

Tgt Ion:112 Resp: 1230853

Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.9	71.9
63	29.9	23.7	35.5



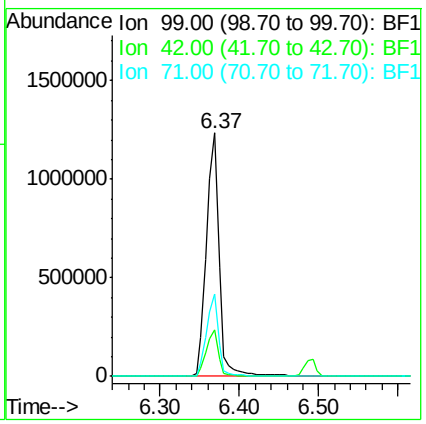


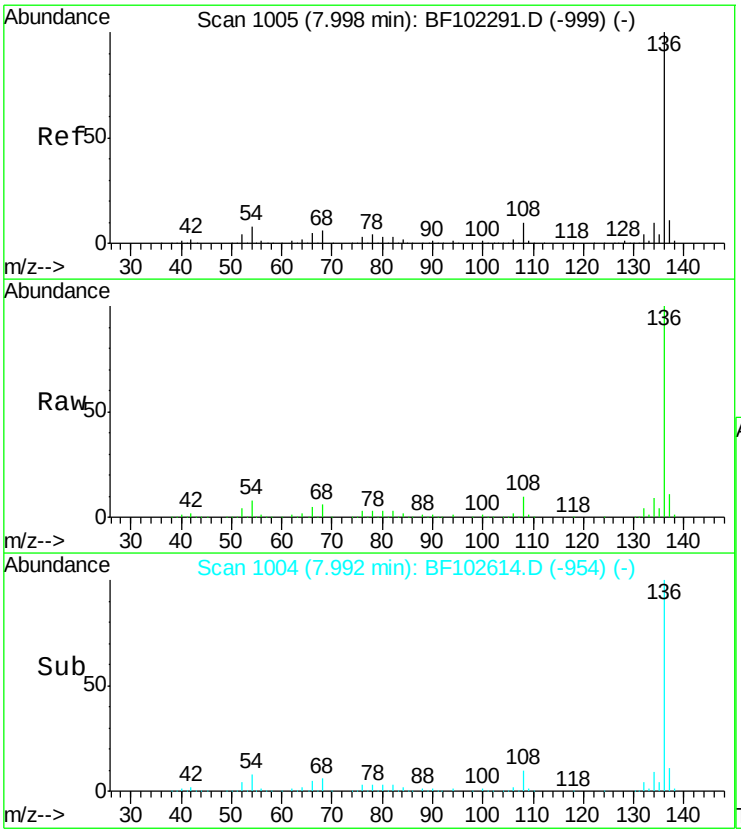
#7
Phenol-d6
Concen: 107.580 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.01 min
Lab File: BF102614.D
Acq: 29 Jan 2018 23:05

Instrument :
BNA_F
ClientSampleId :
AU-06-012518-A

Tgt Ion: 99 Resp: 1394638

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.5	21.7
71	33.6	25.4	38.0

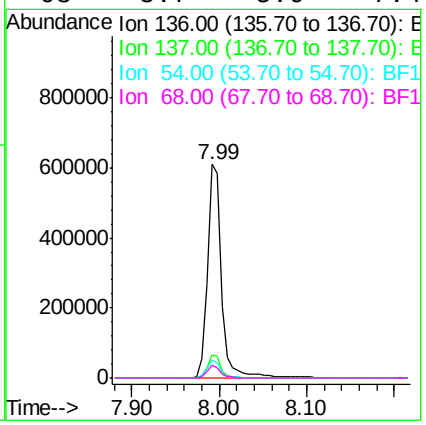


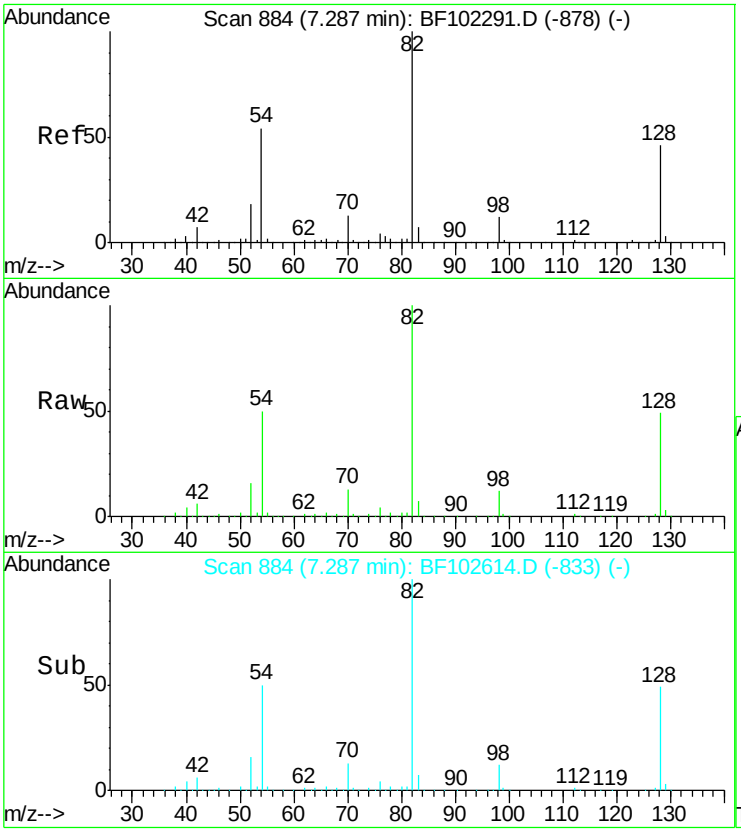


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF102614.D
Acq: 29 Jan 2018 23:05

Tgt Ion:136 Resp: 679505

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.4	6.6	9.8
68	5.7	5.0	7.4



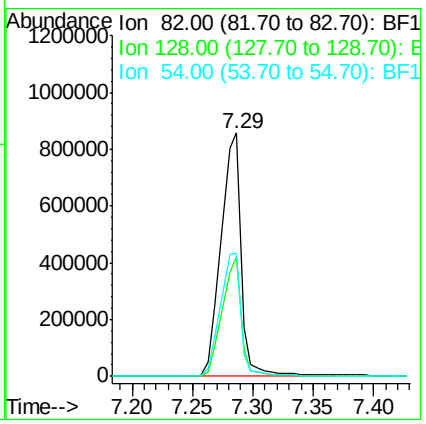


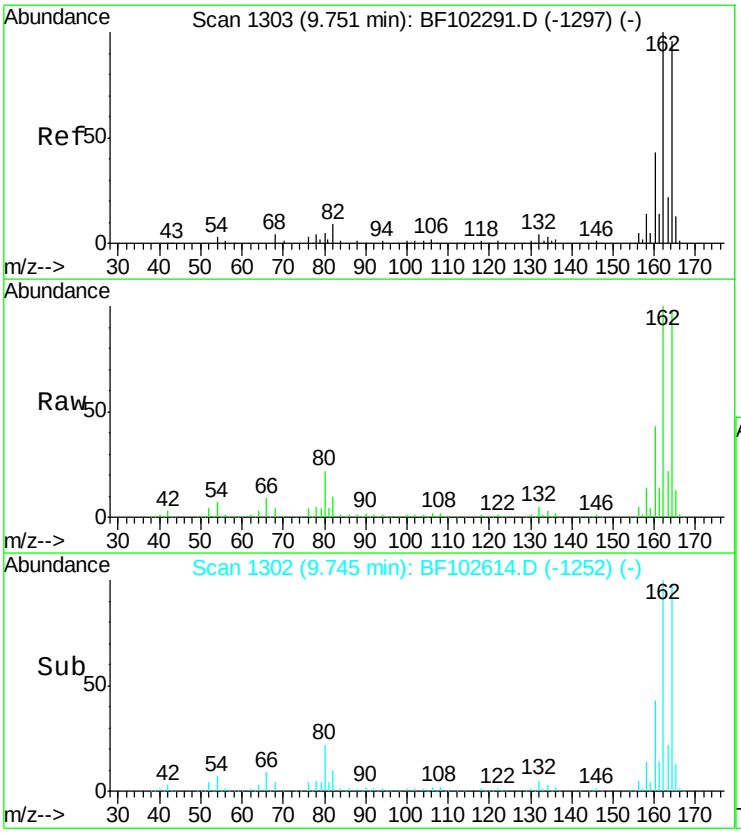
#23
Nitrobenzene-d5
Concen: 84.458 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF102614.D
Acq: 29 Jan 2018 23:05

Instrument :
BNA_F
ClientSampleId :
AU-06-012518-A

Tgt Ion: 82 Resp: 998657

Ion	Ratio	Lower	Upper
82	100		
128	48.8	36.1	54.1
54	50.4	41.4	62.2

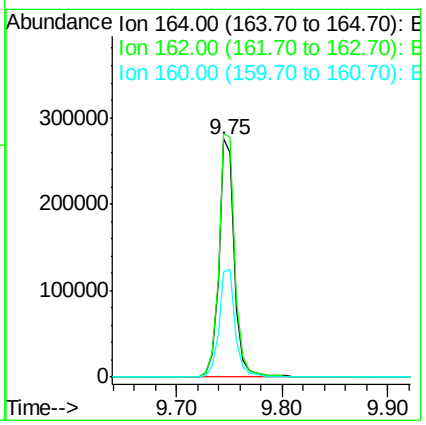


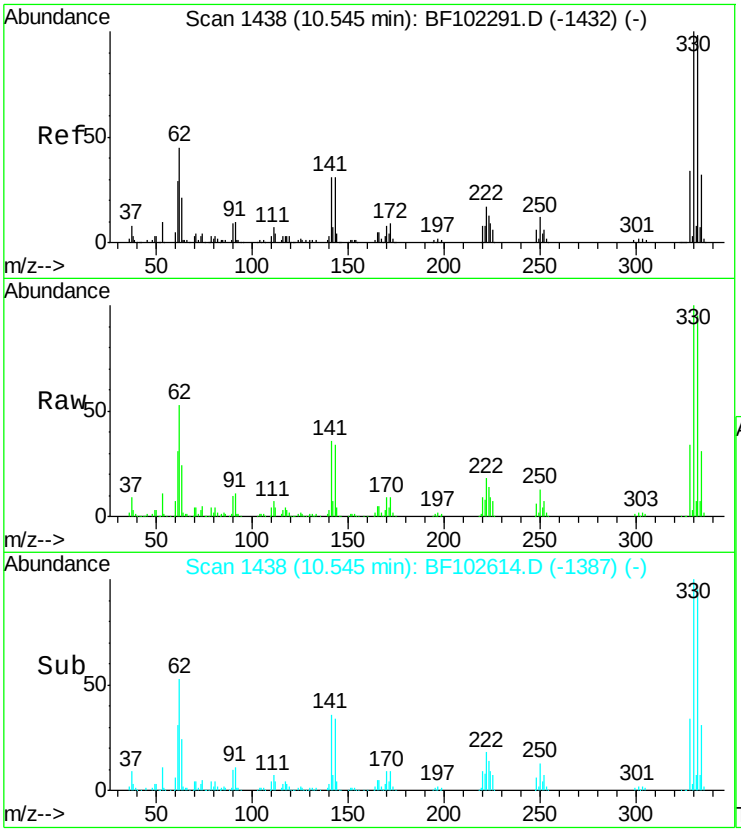


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF102614.D
Acq: 29 Jan 2018 23:05

Tgt Ion:164 Resp: 282313

Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	44.3	38.3	57.5



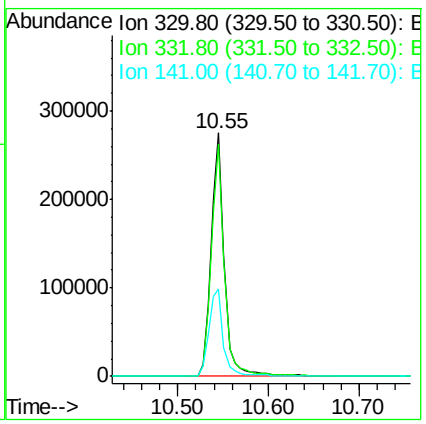


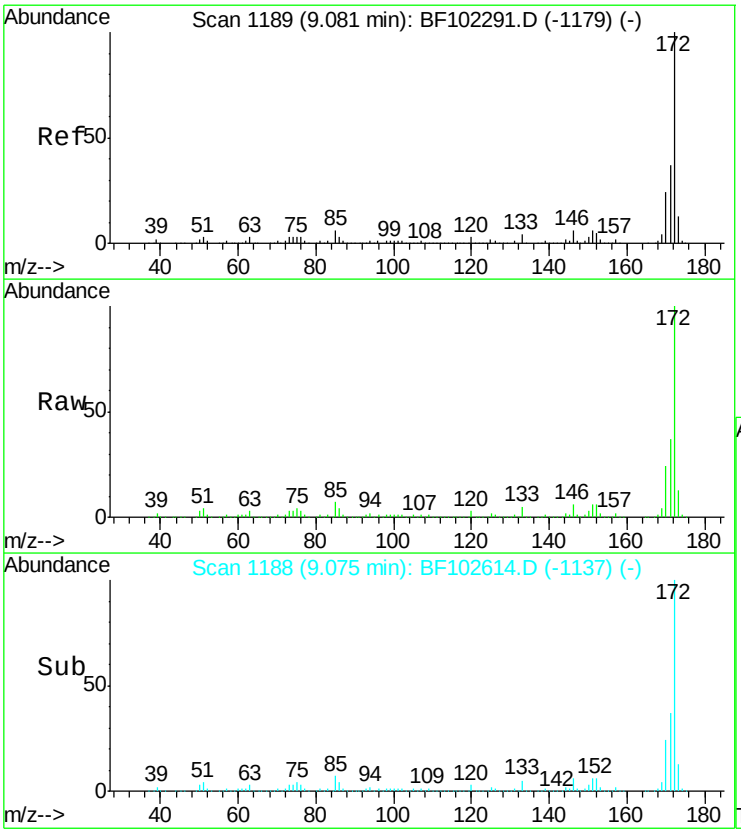
#41
2,4,6-Tribromophenol
Concen: 100.743 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF102614.D
Acq: 29 Jan 2018 23:05

Instrument :
BNA_F
ClientSampleId :
AU-06-012518-A

Tgt Ion:330 Resp: 281809

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	39.4	29.9	44.9

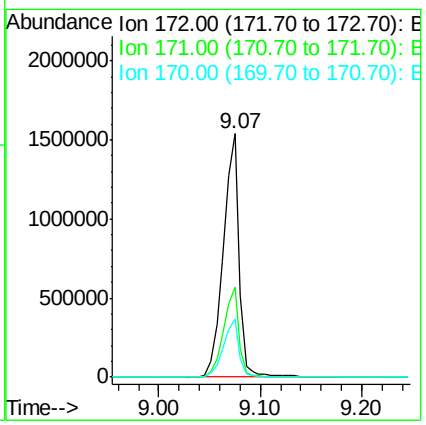


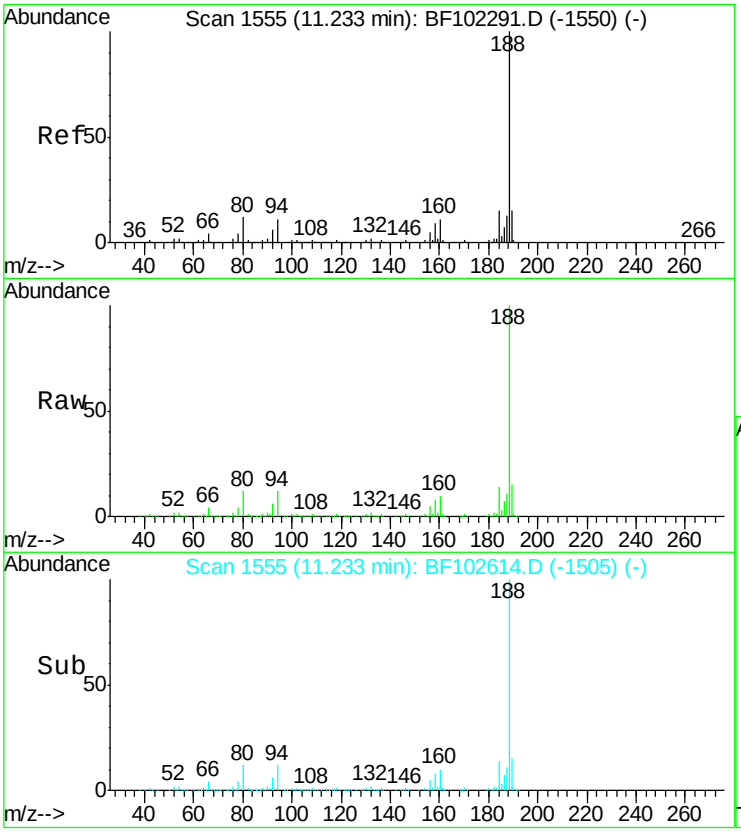


#44
2-Fluorobiphenyl
Concen: 86.772 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF102614.D
Acq: 29 Jan 2018 23:05

Tgt Ion:172 Resp: 1666057

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.0	19.6	29.4



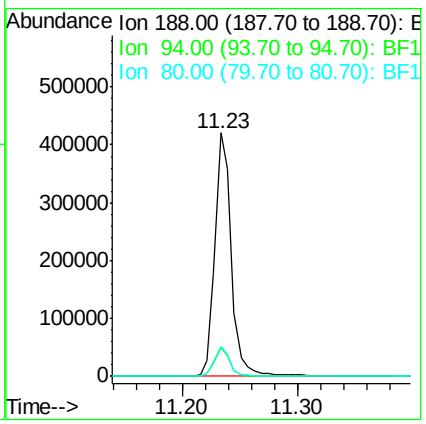


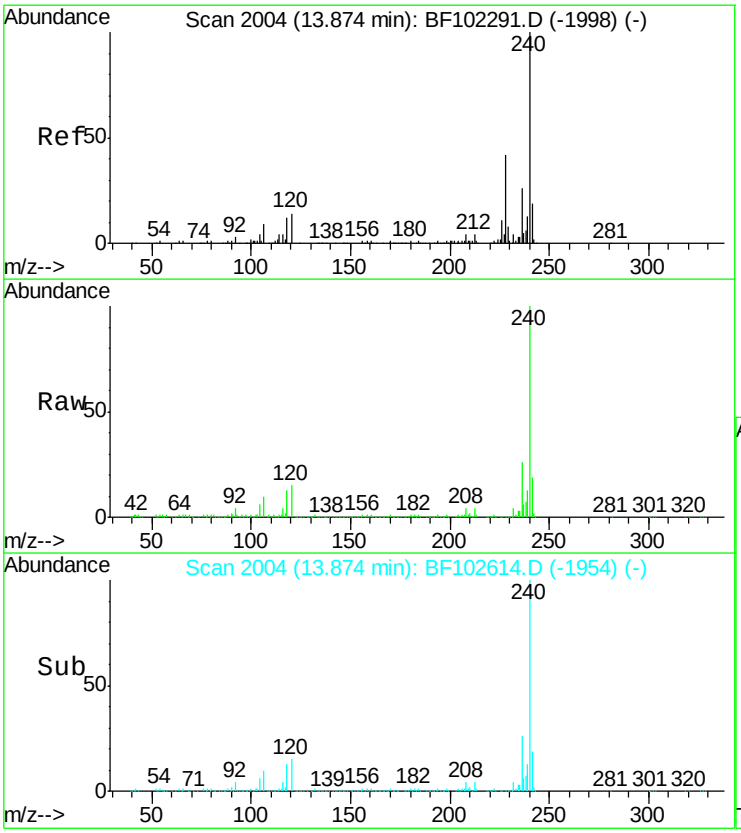
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102614.D
Acq: 29 Jan 2018 23:05

Instrument :
BNA_F
ClientSampleId :
AU-06-012518-A

Tgt Ion:188 Resp: 419388

Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	12.1	9.2	13.8

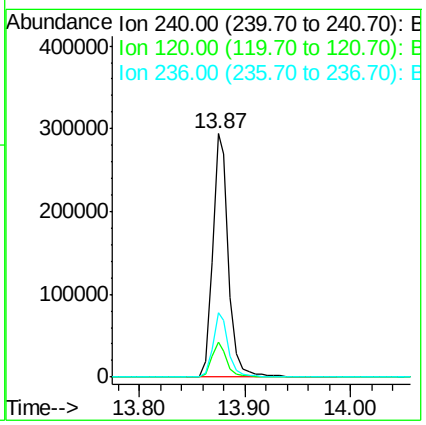


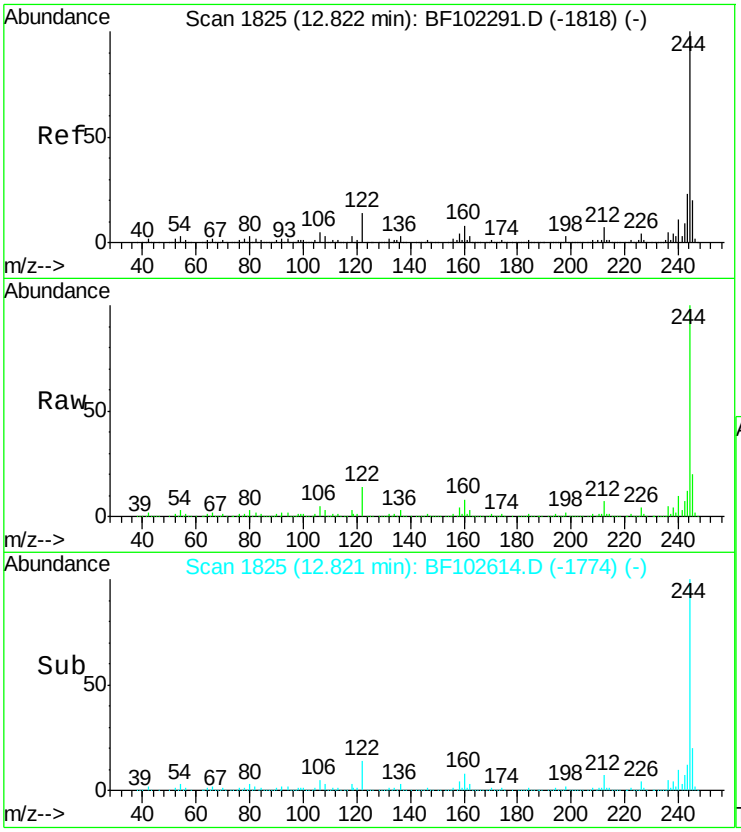


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102614.D
Acq: 29 Jan 2018 23:05

Tgt Ion:240 Resp: 311956

Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.5	14.3#
236	26.2	20.7	31.1



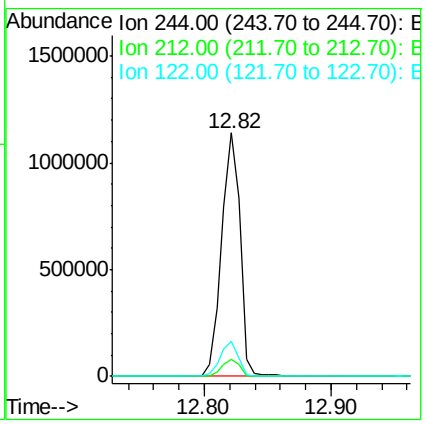


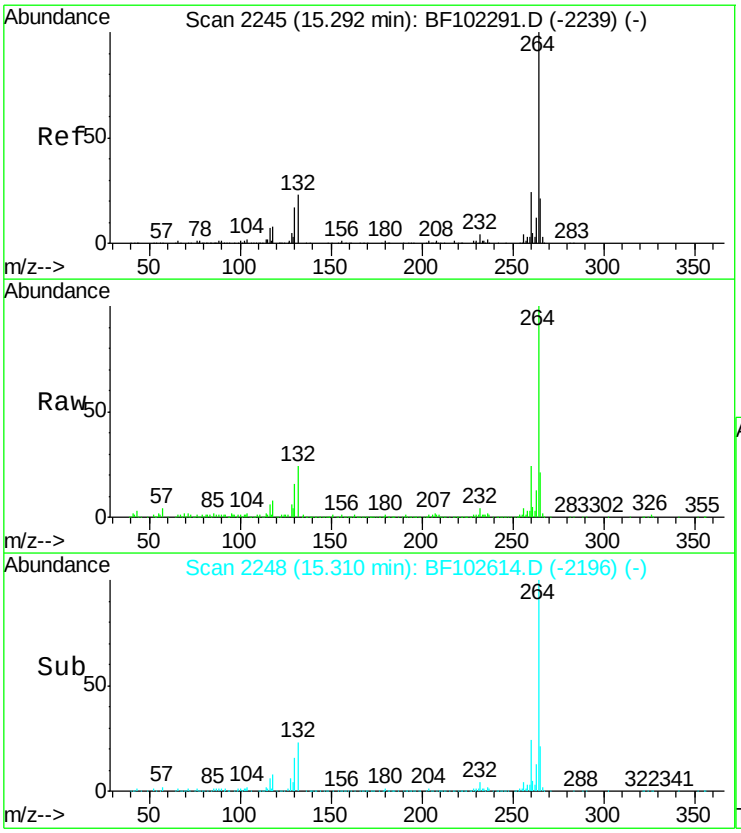
#78
Terphenyl-d14
Concen: 83.366 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF102614.D
Acq: 29 Jan 2018 23:05

Instrument :
BNA_F
ClientSampleId :
AU-06-012518-A

Tgt Ion:244 Resp: 1153614

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	14.4	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BF102614.D
Acq: 29 Jan 2018 23:05

Tgt Ion:264 Resp: 307935

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	20.9	17.5	26.3