Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021318\
Data File : BG032679.D
Acq On : 14 Feb 2018 5:45
Operator : SJ/JU
Sample : J1403-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-03-021218

Quant Time: Feb 14 06:40:40 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.67	152	27696	20.00	ng	0.00
21) Naphthalene-d8	11.55	136	115032	20.00	ng	0.00
38) Acenaphthene-d10	15.30	164	89917	20.00	ng	0.00
63) Phenanthrene-d10	18.05	188	256206	20.00	ng	0.00
75) Chrysene-d12	22.37	240	351314	20.00	ng	0.00
86) Perylene-d12	26.03	264	349366	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.11	112	194188	140.67	ng	0.00
7) Phenol-d6	7.79	99	219627	116.35	ng	0.00
23) Nitrobenzene-d5	9.86	82	167082	92.31	ng	-0.01
41) 2,4,6-Tribromophenol	16.79	330	180667	130.49	ng	0.00
44) 2-Fluorobiphenyl	13.93	172	619432	86.15	ng	0.00
78) Terphenyl-d14	20.59	244	1463286	94.93	ng	0.00
Target Compounds						Qvalue

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

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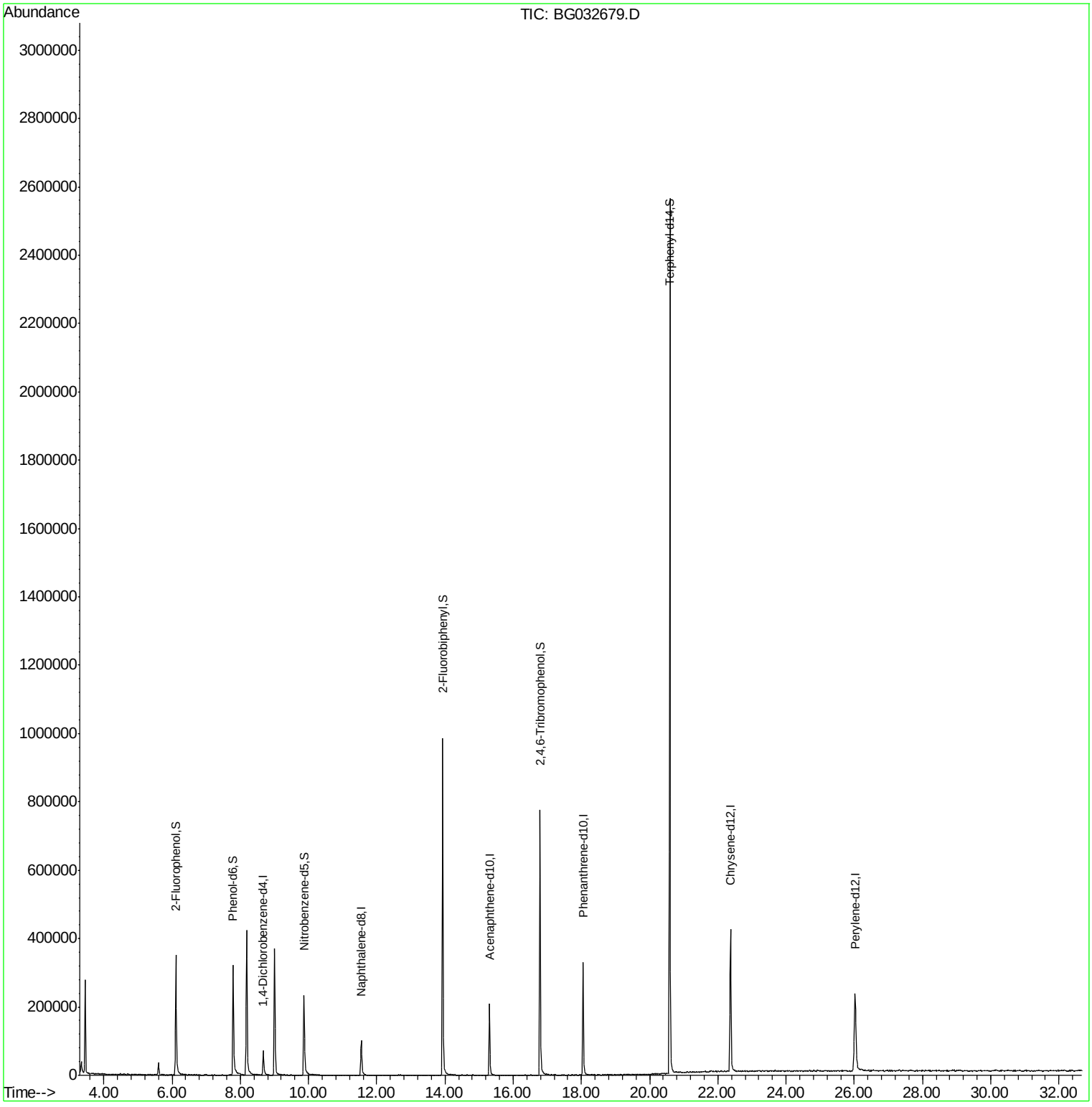
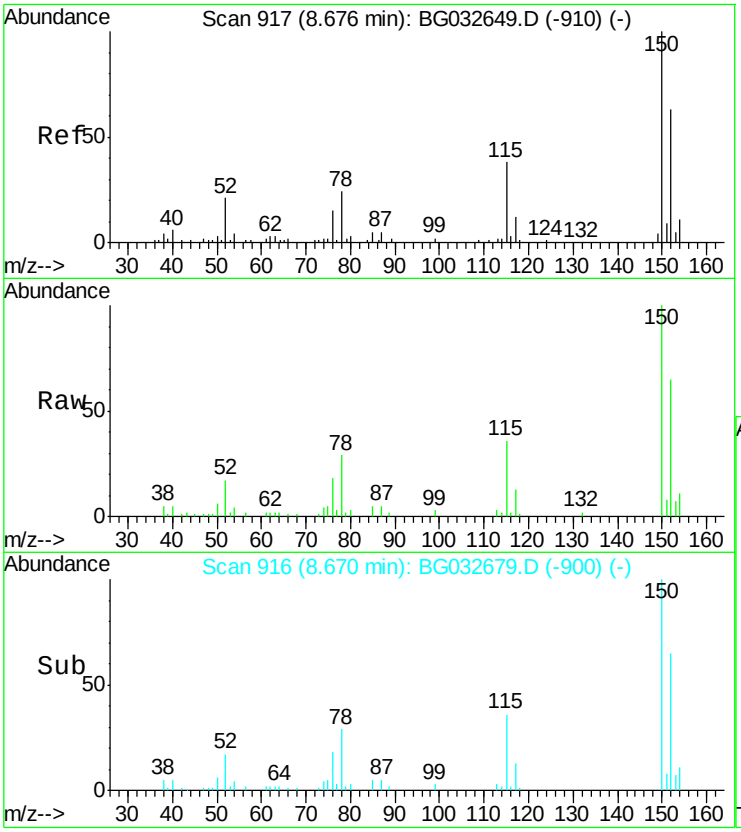


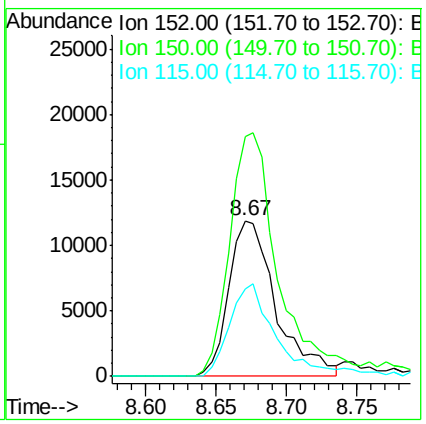


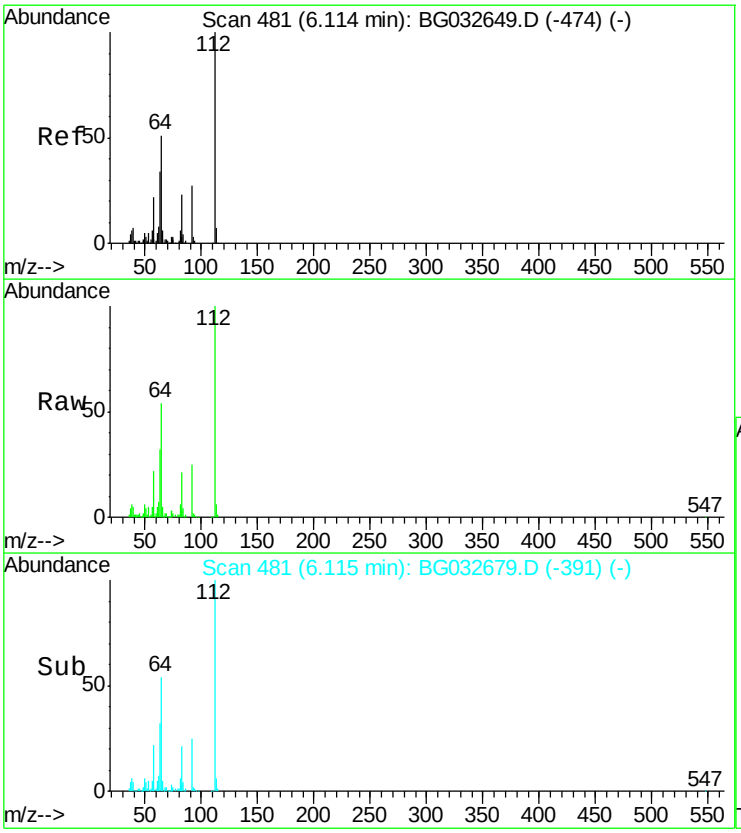
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.67 min Scan# 916
Delta R.T. -0.01 min
Lab File: BG032679.D
Acq: 14 Feb 2018 5:45

Instrument :
BNA_G
ClientSampleId :
SU-03-021218

Tgt Ion:152 Resp: 27696

Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.6	189.8
115	56.1	53.0	79.4

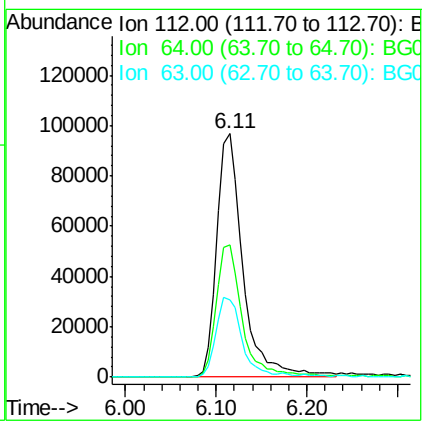


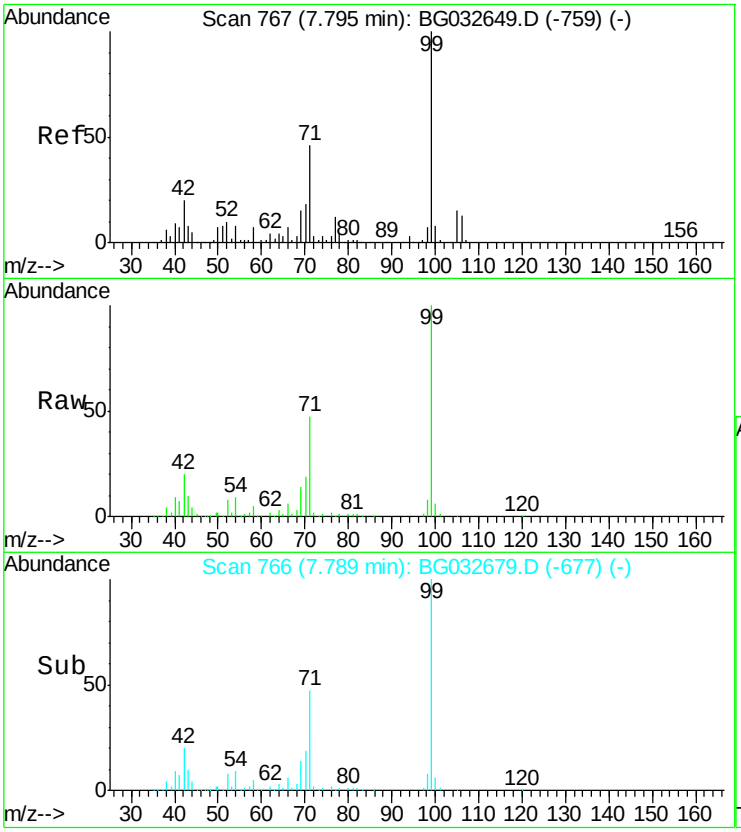


#5
2-Fluorophenol
Concen: 140.673 ng
RT: 6.11 min Scan# 481
Delta R.T. 0.00 min
Lab File: BG032679.D
Acq: 14 Feb 2018 5:45

Tgt Ion:112 Resp: 194188

Ion	Ratio	Lower	Upper
112	100		
64	54.4	56.3	84.5#
63	31.7	30.1	45.1



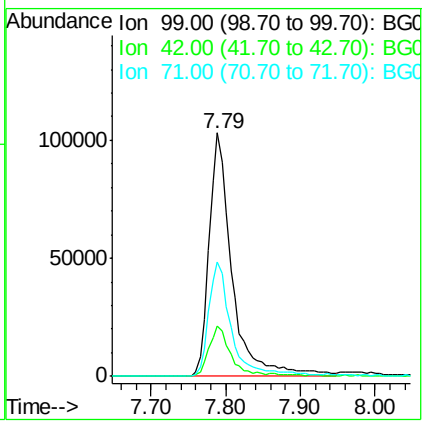


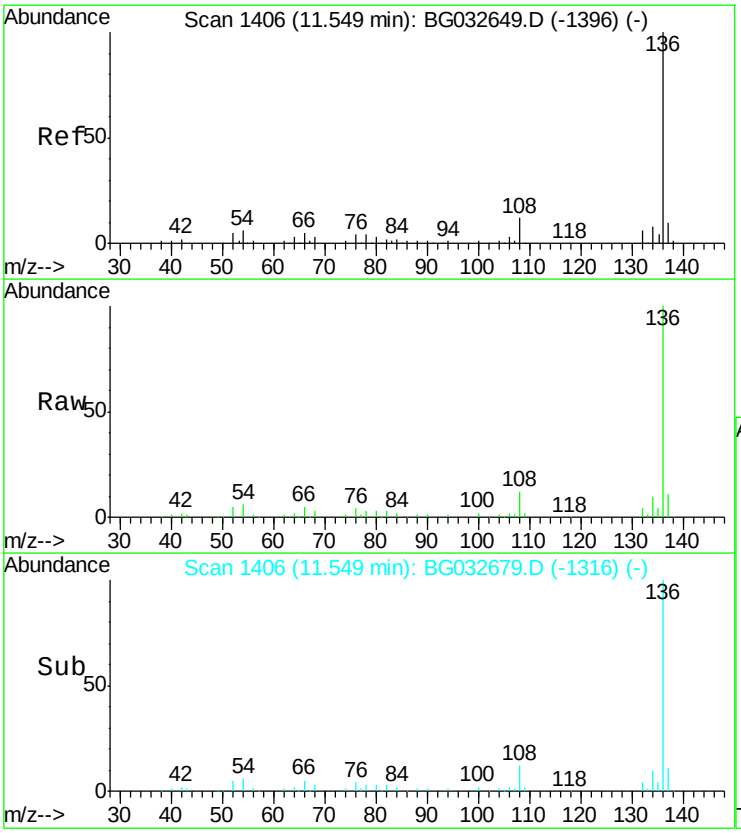
#7
Phenol-d6
Concen: 116.354 ng
RT: 7.79 min Scan# 766
Delta R.T. -0.01 min
Lab File: BG032679.D
Acq: 14 Feb 2018 5:45

Instrument :
BNA_G
ClientSampleId :
SU-03-021218

Tgt Ion: 99 Resp: 219627

Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.1	21.1
71	47.0	26.1	39.1#

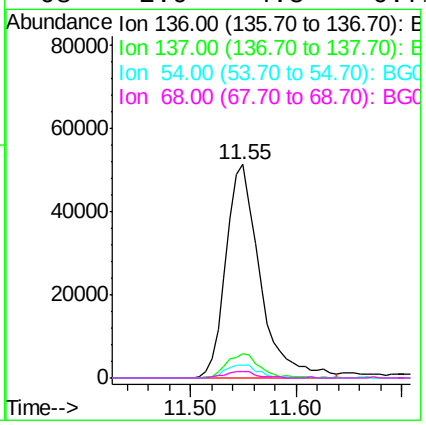


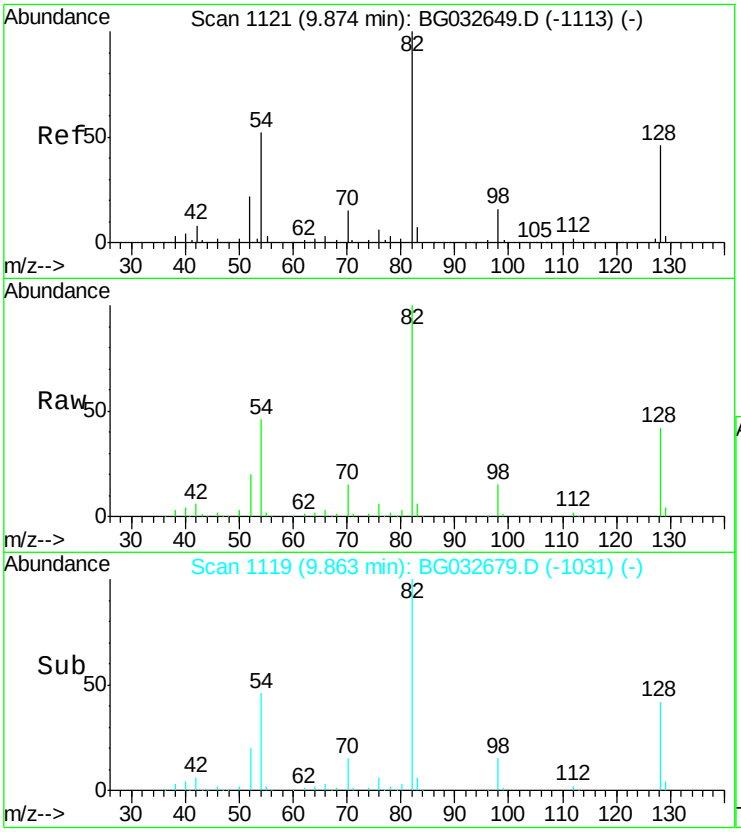


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.55 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BG032679.D
Acq: 14 Feb 2018 5:45

Tgt Ion:136 Resp: 115032

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	6.1	10.3	15.5#
68	2.9	4.5	6.7#



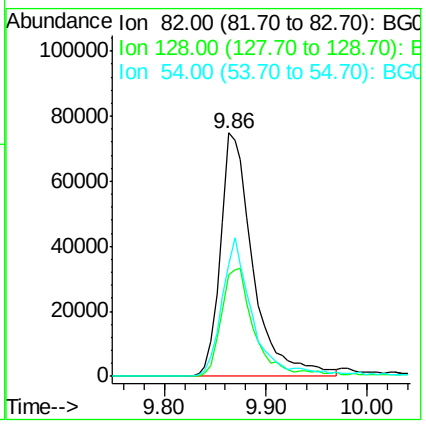


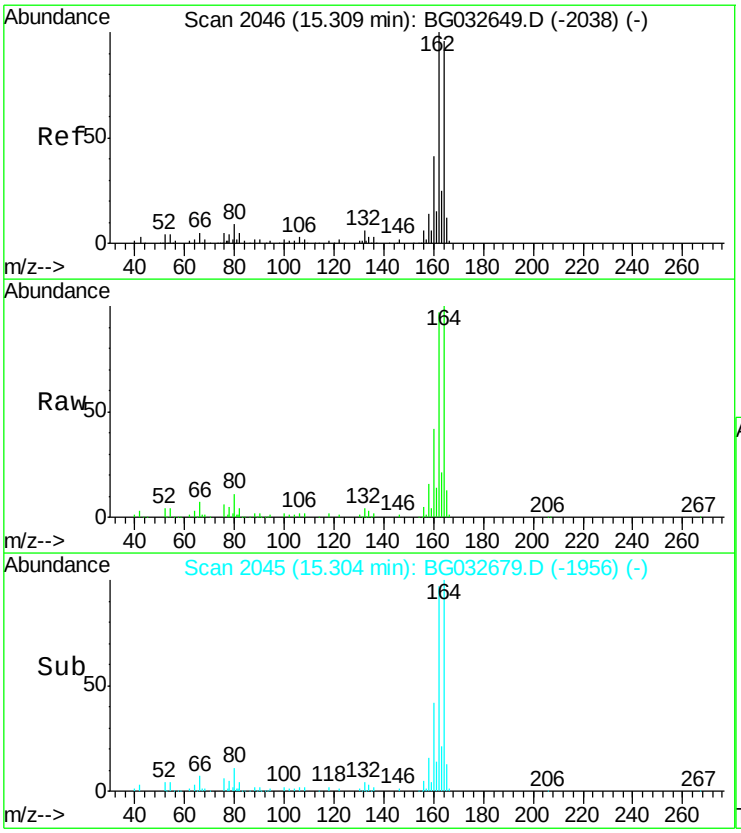
#23
Nitrobenzene-d5
Concen: 92.313 ng
RT: 9.86 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BG032679.D
Acq: 14 Feb 2018 5:45

Instrument :
BNA_G
ClientSampleId :
SU-03-021218

Tgt Ion: 82 Resp: 167082

Ion	Ratio	Lower	Upper
82	100		
128	41.6	29.7	44.5
54	45.7	43.1	64.7

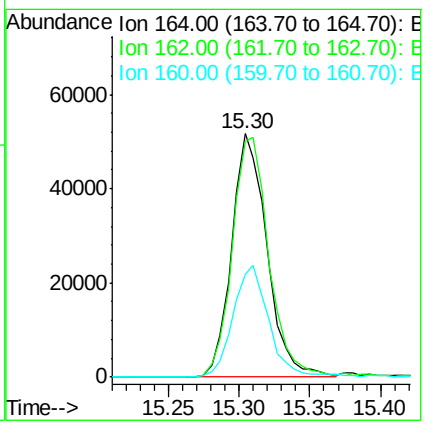


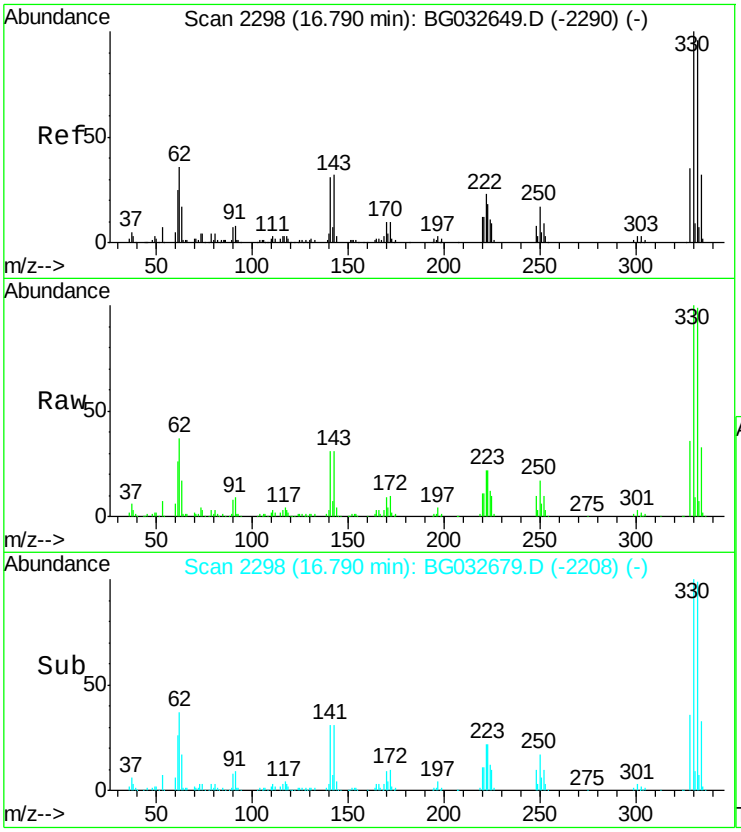


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.30 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BG032679.D
Acq: 14 Feb 2018 5:45

Tgt Ion:164 Resp: 89917

Ion	Ratio	Lower	Upper
164	100		
162	96.7	78.8	118.2
160	42.5	35.4	53.0



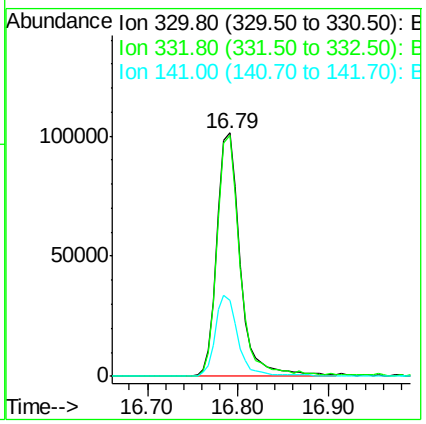


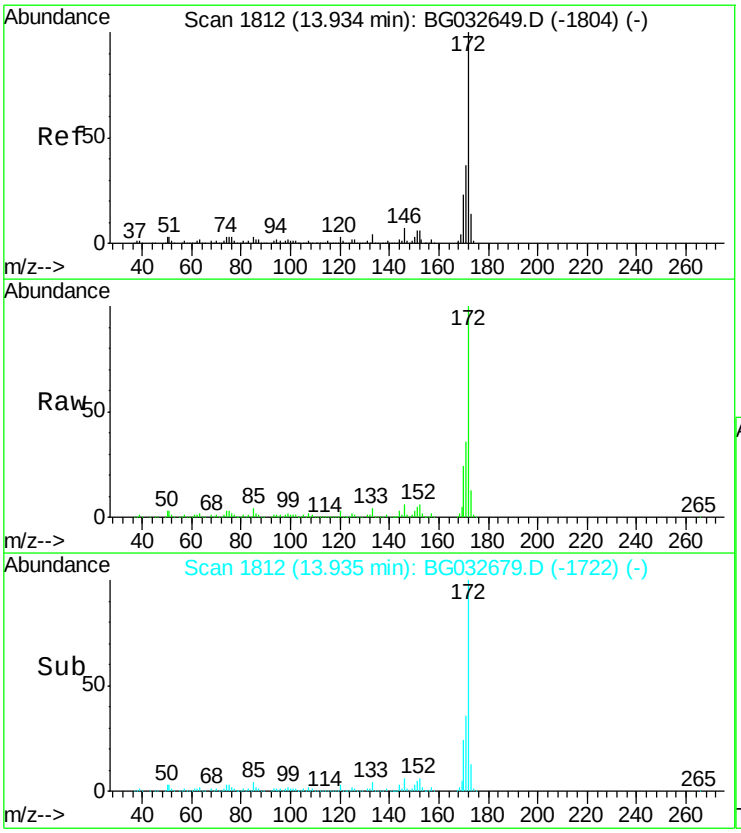
#41
2,4,6-Tribromophenol
Concen: 130.490 ng
RT: 16.79 min Scan# 2298
Delta R.T. 0.00 min
Lab File: BG032679.D
Acq: 14 Feb 2018 5:45

Instrument :
BNA_G
ClientSampleId :
SU-03-021218

Tgt Ion:330 Resp: 180667

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	32.4	25.2	37.8

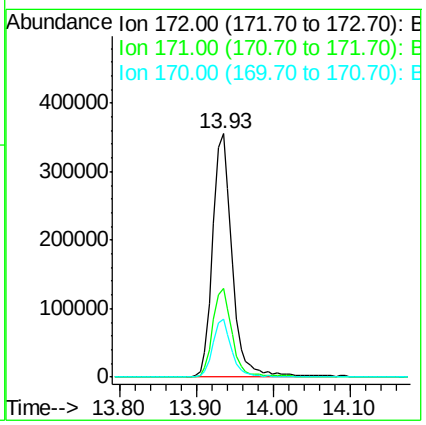


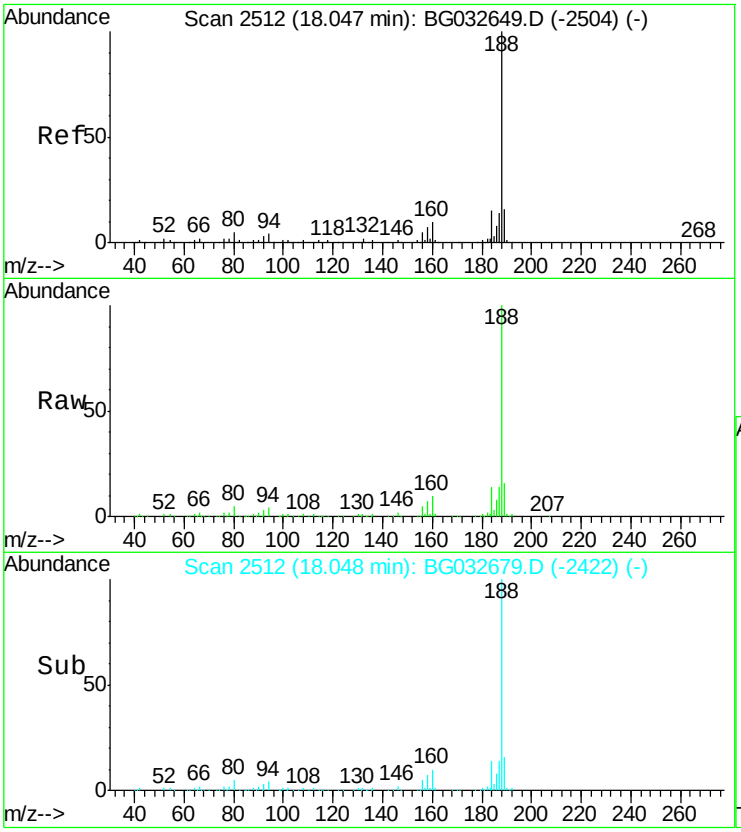


#44
2-Fluorobiphenyl
Concen: 86.148 ng
RT: 13.93 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BG032679.D
Acq: 14 Feb 2018 5:45

Tgt Ion:172 Resp: 619432

Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.0	45.0
170	23.6	19.5	29.3



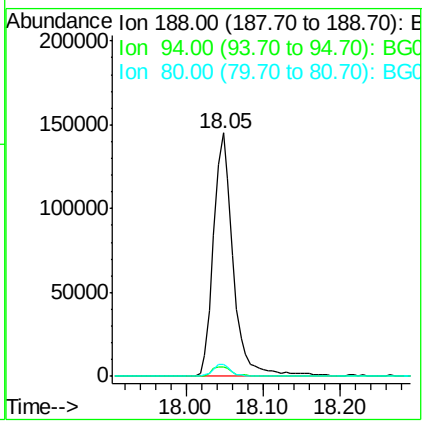


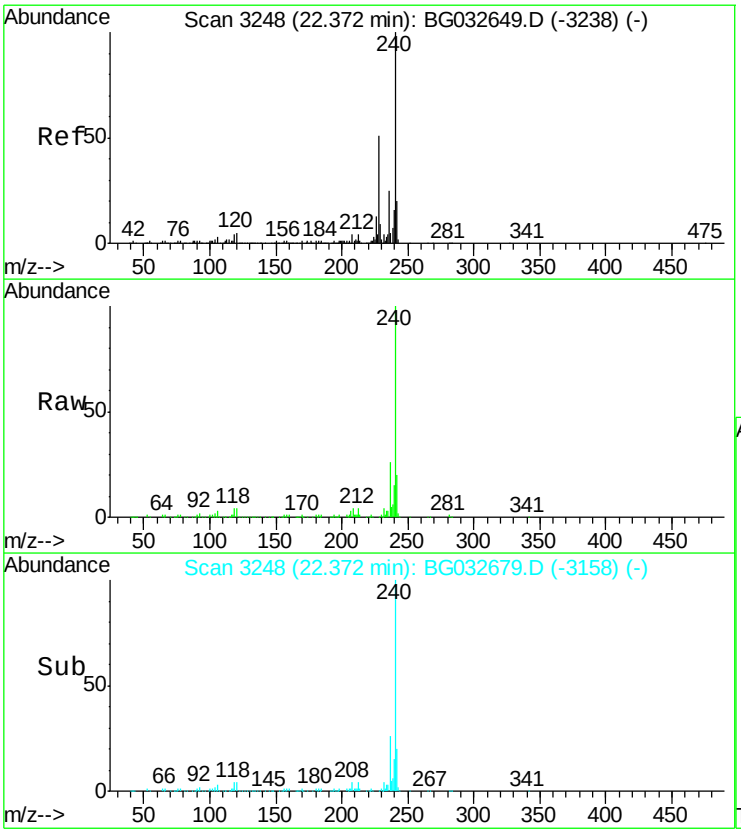
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.05 min Scan# 2512
Delta R.T. 0.00 min
Lab File: BG032679.D
Acq: 14 Feb 2018 5:45

Instrument :
BNA_G
ClientSampleId :
SU-03-021218

Tgt Ion:188 Resp: 256206

Ion	Ratio	Lower	Upper
188	100		
94	4.1	6.9	10.3#
80	4.7	7.7	11.5#

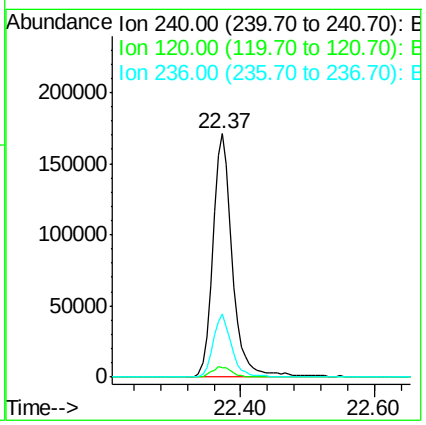


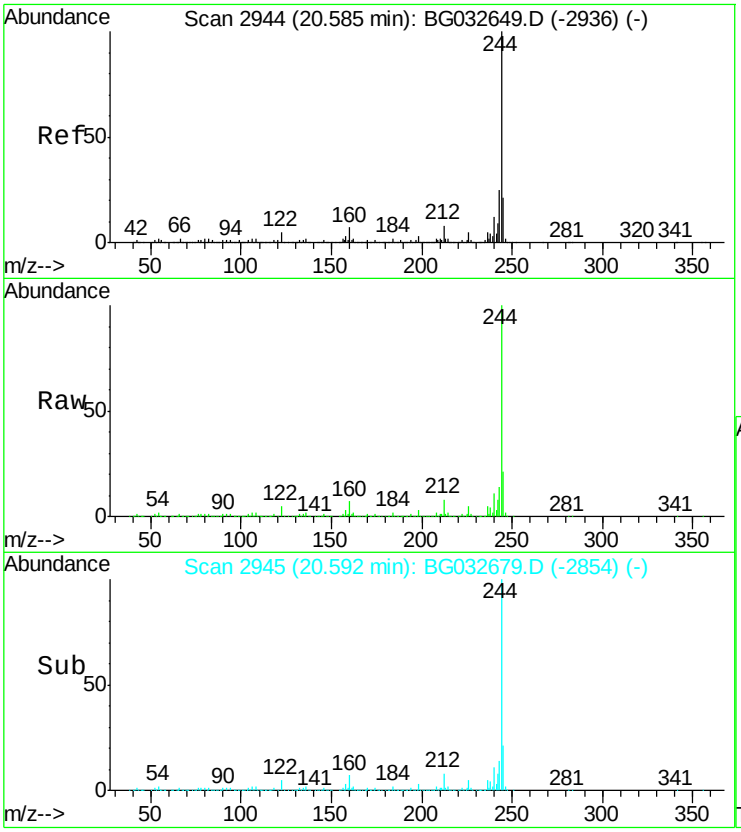


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.37 min Scan# 3248
Delta R.T. 0.00 min
Lab File: BG032679.D
Acq: 14 Feb 2018 5:45

Tgt Ion:240 Resp: 351314

Ion	Ratio	Lower	Upper
240	100		
120	3.7	6.8	10.2#
236	25.7	20.9	31.3



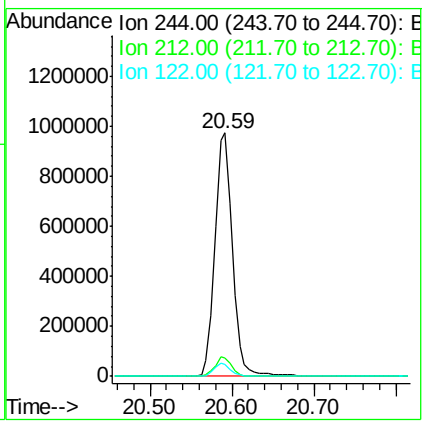


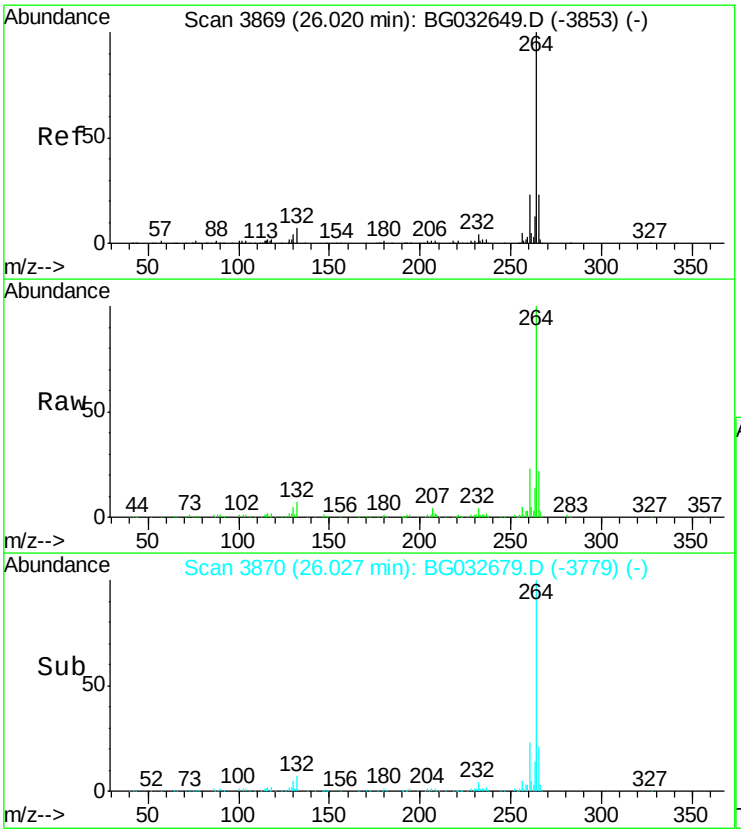
#78
Terphenyl-d14
Concen: 94.933 ng
RT: 20.59 min Scan# 2945
Delta R.T. 0.01 min
Lab File: BG032679.D
Acq: 14 Feb 2018 5:45

Instrument :
BNA_G
ClientSampleId :
SU-03-021218

Tgt Ion:244 Resp: 1463286

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	4.9	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.03 min Scan# 3870
Delta R.T. 0.01 min
Lab File: BG032679.D
Acq: 14 Feb 2018 5:45

Tgt Ion:264 Resp: 349366

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	21.7	17.7	26.5