Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG122617\
Data File : BG031759.D
Acq On : 26 Dec 2017 13:29
Operator : SJ/JU
Sample : I6677-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-02-122117-B

Quant Time: Dec 26 16:05:00 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.81	152	46070	20.00	ng	-0.03
21) Naphthalene-d8	11.70	136	179192	20.00	ng	-0.03
38) Acenaphthene-d10	15.44	164	117634	20.00	ng	-0.03
63) Phenanthrene-d10	18.17	188	325595	20.00	ng	-0.03
75) Chrysene-d12	22.52	240	413226	20.00	ng	-0.05
86) Perylene-d12	26.28	264	433693	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	127636	50.46	ng	-0.02
7) Phenol-d6	7.91	99	153845	46.85	ng	-0.02
23) Nitrobenzene-d5	10.00	82	110223	46.45	ng	-0.03
41) 2,4,6-Tribromophenol	16.91	330	106037	59.08	ng	-0.03
44) 2-Fluorobiphenyl	14.07	172	449137	47.92	ng	-0.03
78) Terphenyl-d14	20.70	244	897715	49.63	ng	-0.03
Target Compounds						Qvalue

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

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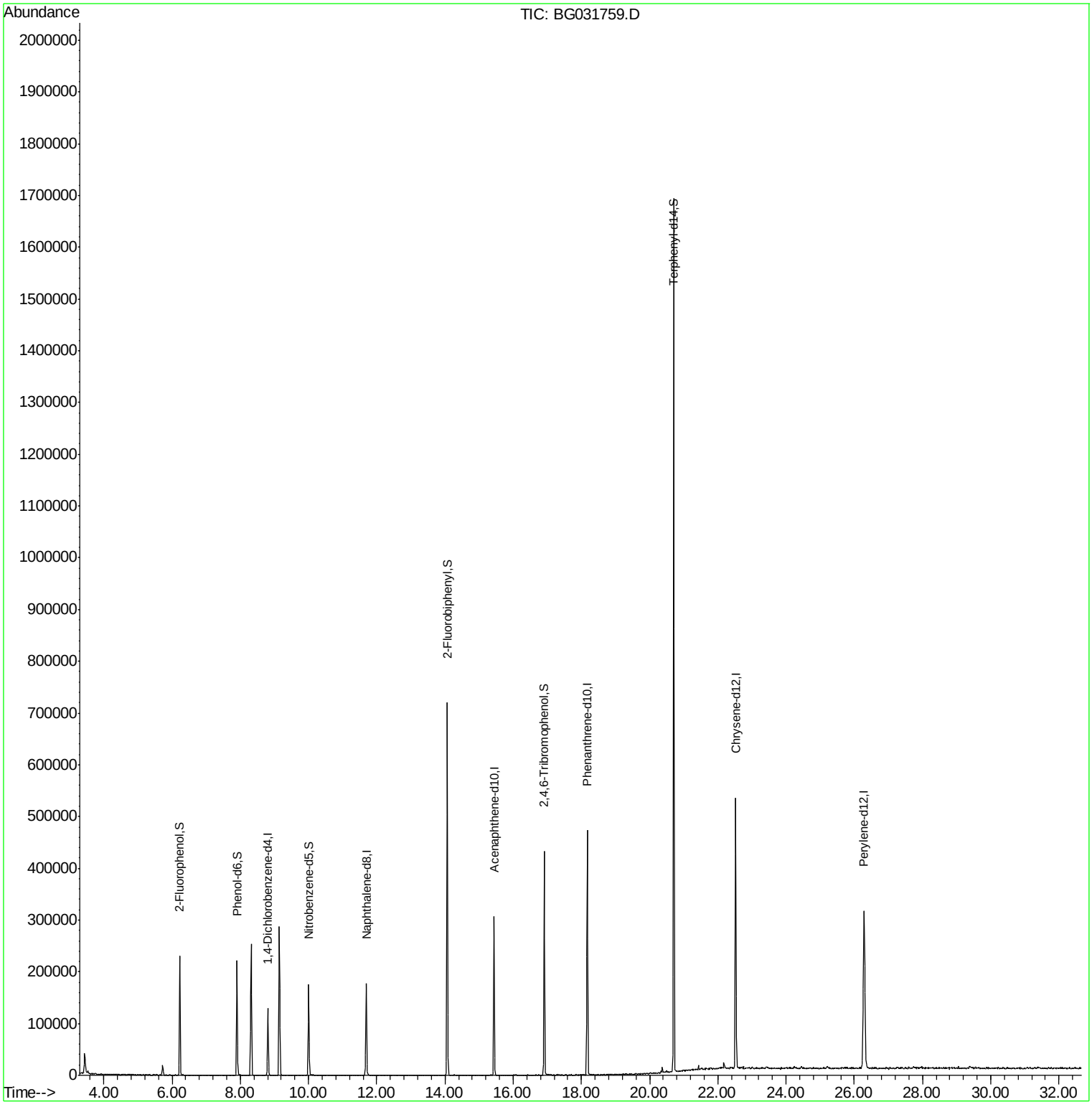
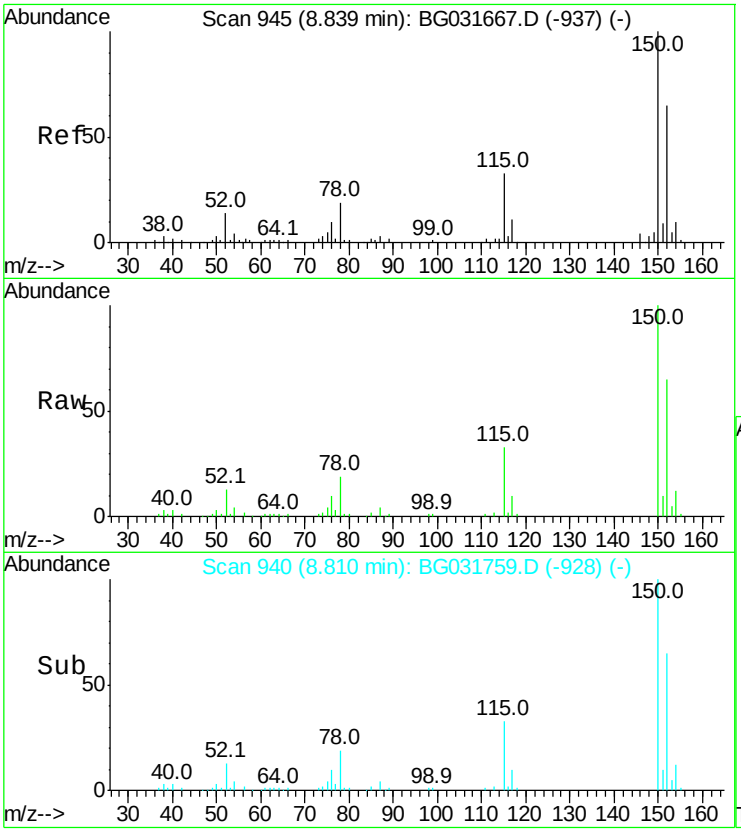


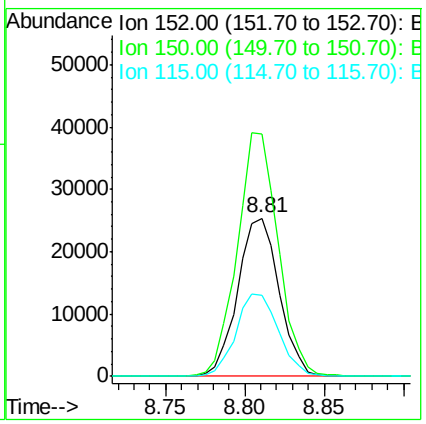


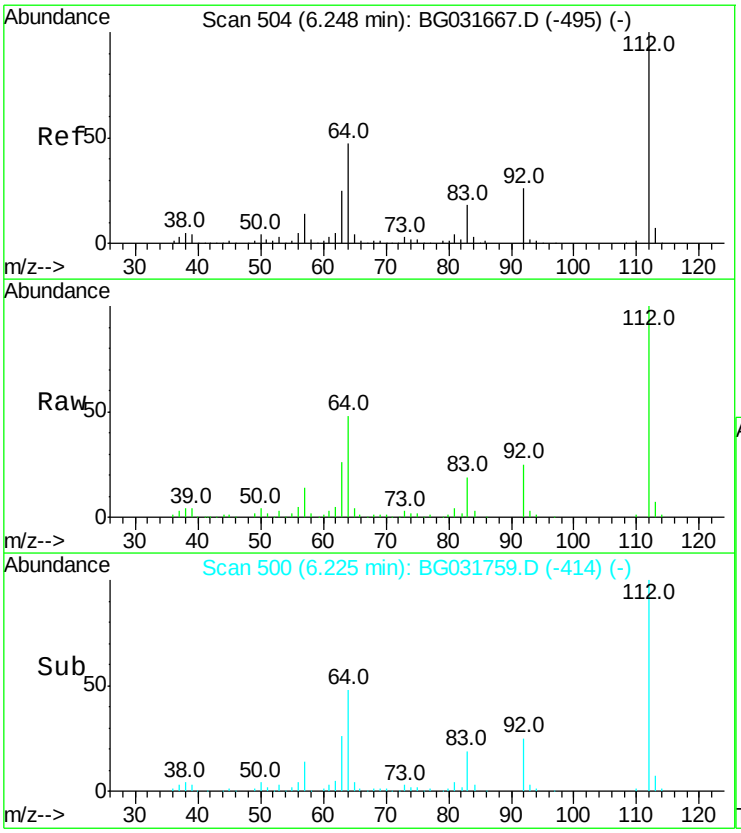
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.03 min
Lab File: BG031759.D
Acq: 26 Dec 2017 13:29

Instrument :
BNA_G
ClientSampleId :
OR-02-122117-B

Tgt Ion:152 Resp: 46070

Ion	Ratio	Lower	Upper
152	100		
150	153.0	126.6	189.8
115	50.8	53.0	79.4#

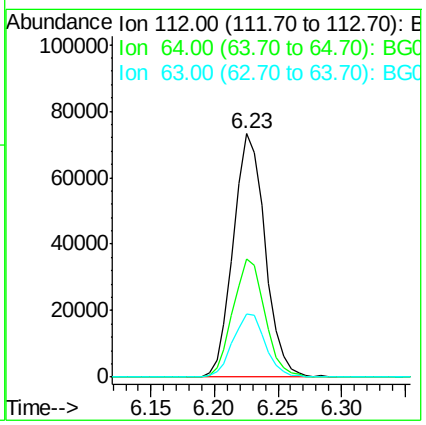


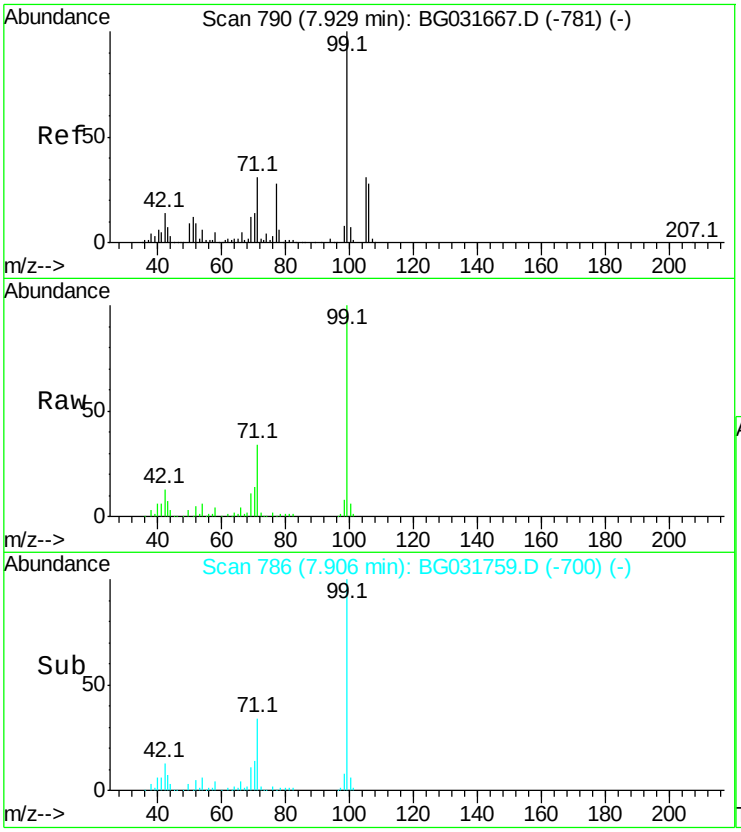


#5
2-Fluorophenol
Concen: 50.461 ng
RT: 6.23 min Scan# 500
Delta R.T. -0.02 min
Lab File: BG031759.D
Acq: 26 Dec 2017 13:29

Tgt Ion:112 Resp: 127636

Ion	Ratio	Lower	Upper
112	100		
64	48.4	56.3	84.5#
63	25.9	30.1	45.1#



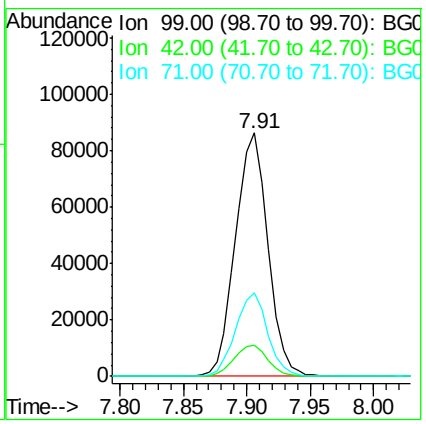


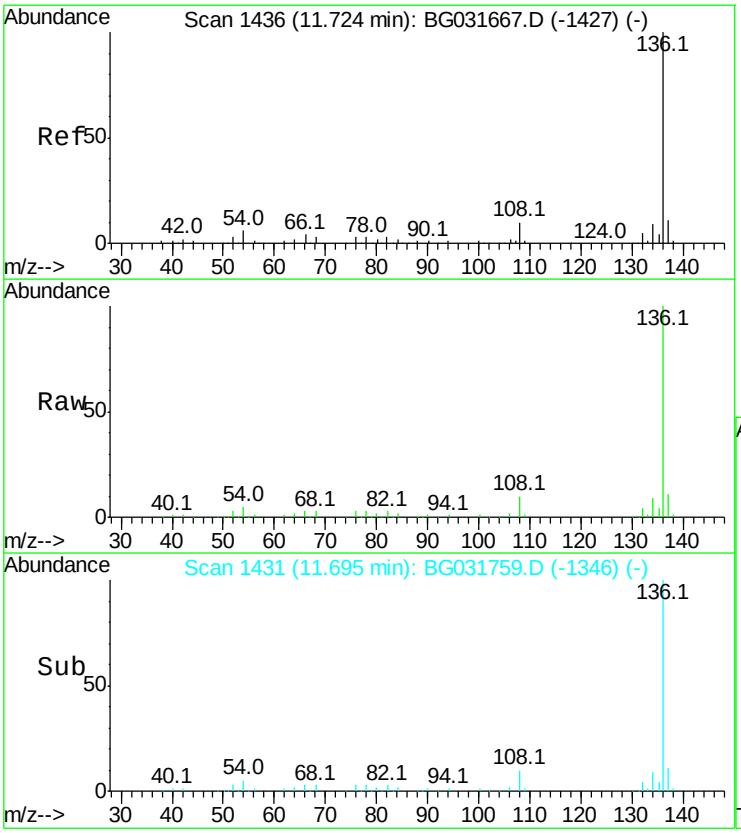
#7
Phenol-d6
Concen: 46.847 ng
RT: 7.91 min Scan# 786
Delta R.T. -0.02 min
Lab File: BG031759.D
Acq: 26 Dec 2017 13:29

Instrument :
BNA_G
ClientSampleId :
OR-02-122117-B

Tgt Ion: 99 Resp: 153845

Ion	Ratio	Lower	Upper
99	100		
42	13.1	14.1	21.1#
71	34.3	26.1	39.1

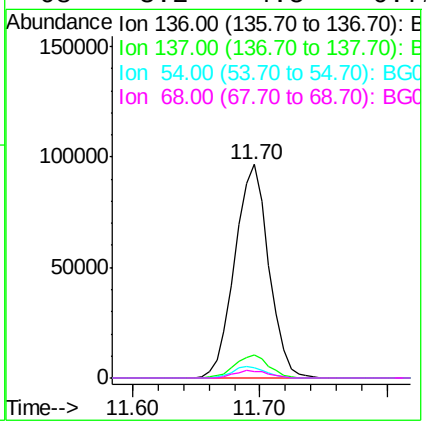


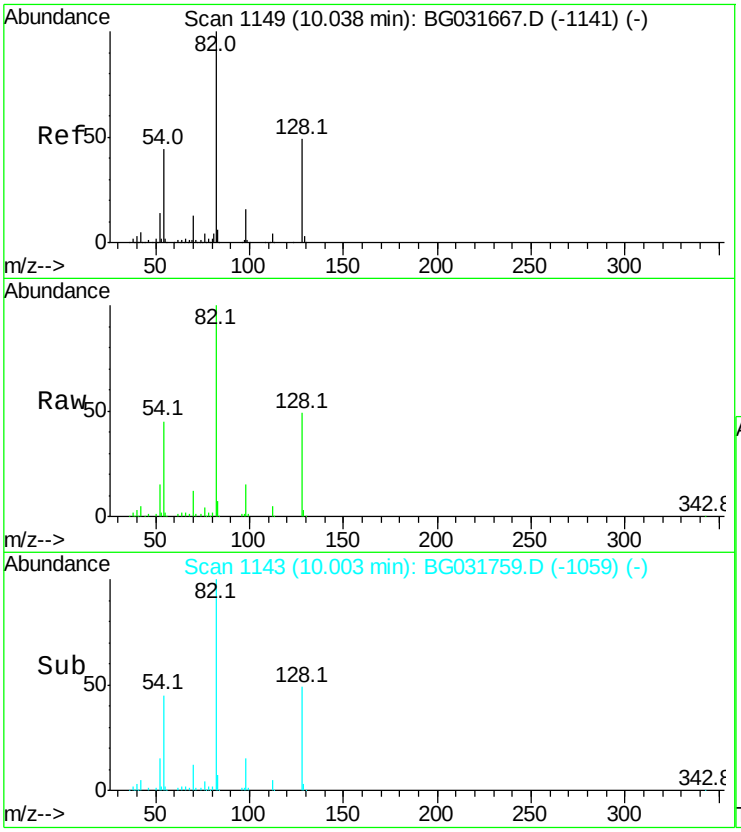


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.70 min Scan# 1431
Delta R.T. -0.03 min
Lab File: BG031759.D
Acq: 26 Dec 2017 13:29

Tgt Ion:136 Resp: 179192

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	4.8	10.3	15.5#
68	3.2	4.5	6.7#



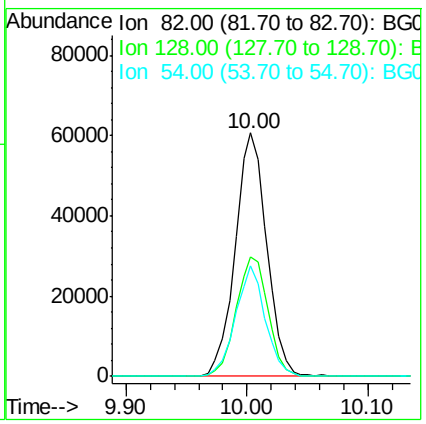


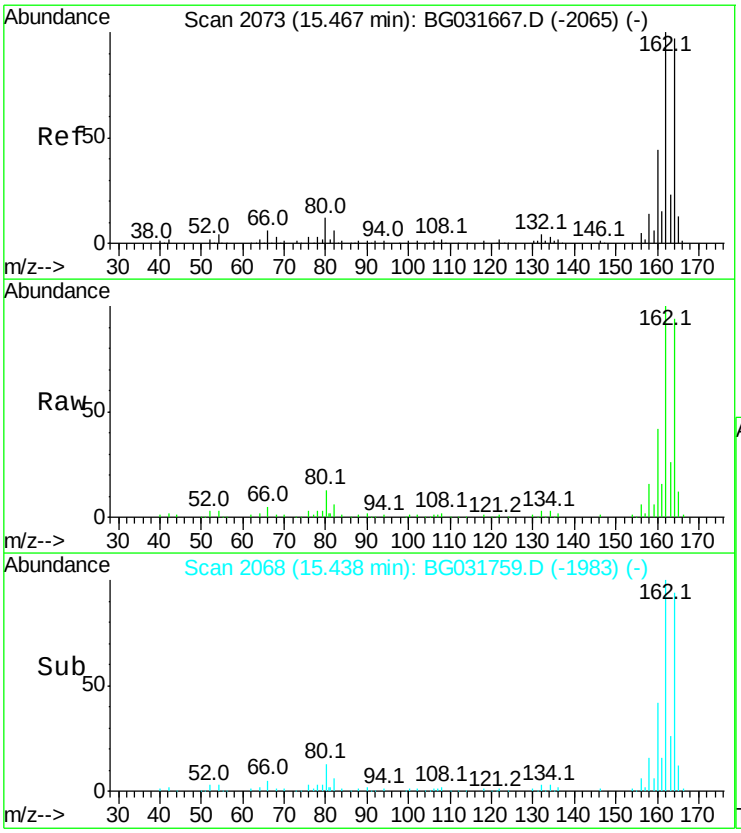
#23
Nitrobenzene-d5
Concen: 46.448 ng
RT: 10.00 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BG031759.D
Acq: 26 Dec 2017 13:29

Instrument :
BNA_G
ClientSampleId :
OR-02-122117-B

Tgt Ion: 82 Resp: 110223

Ion	Ratio	Lower	Upper
82	100		
128	49.3	29.7	44.5#
54	45.4	43.1	64.7

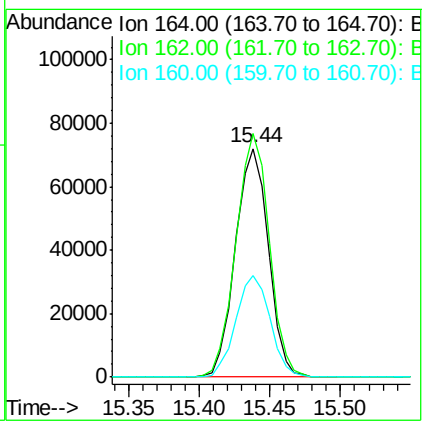


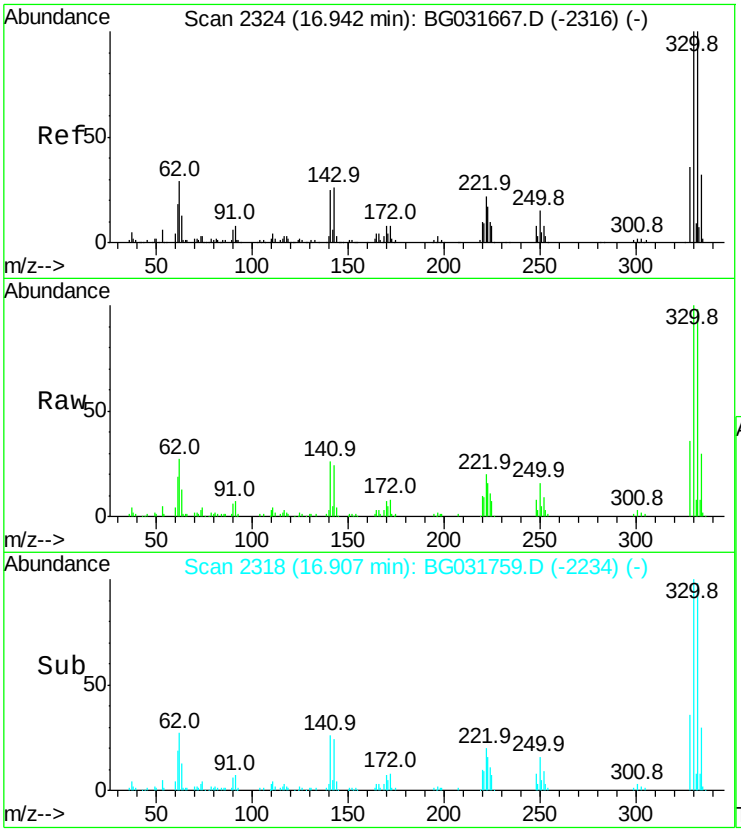


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.44 min Scan# 2068
Delta R.T. -0.03 min
Lab File: BG031759.D
Acq: 26 Dec 2017 13:29

Tgt Ion:164 Resp: 117634

Ion	Ratio	Lower	Upper
164	100		
162	106.6	78.8	118.2
160	44.4	35.4	53.0



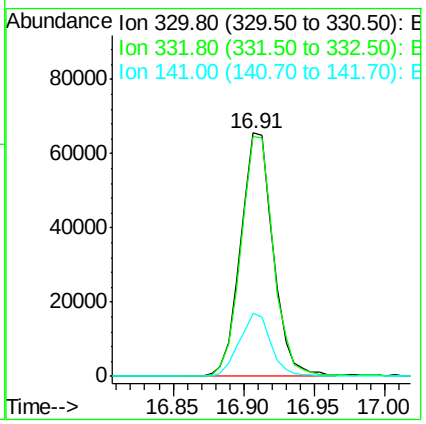


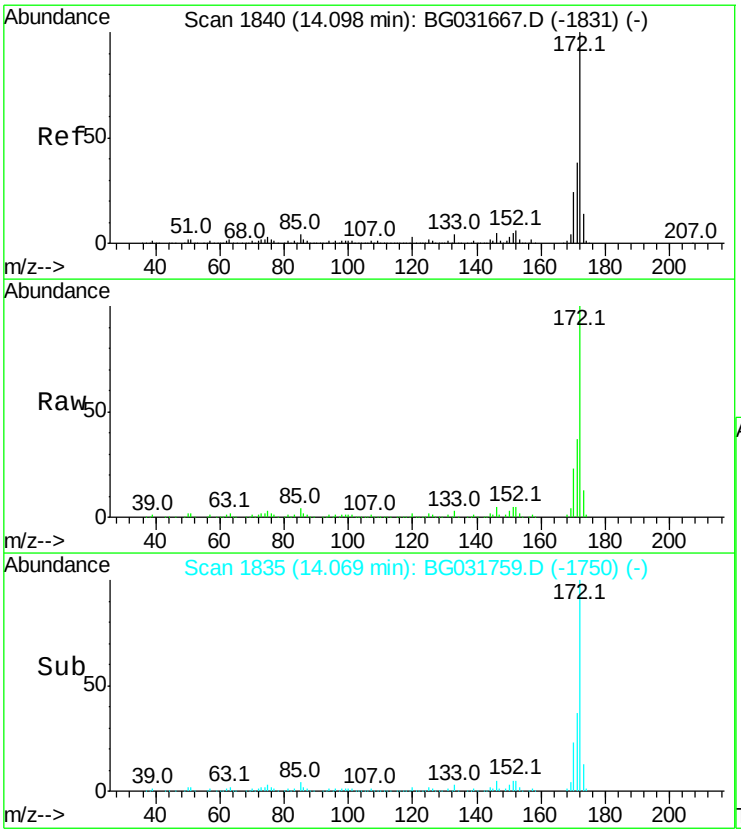
#41
2,4,6-Tribromophenol
Concen: 59.076 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.03 min
Lab File: BG031759.D
Acq: 26 Dec 2017 13:29

Instrument :
BNA_G
ClientSampleId :
OR-02-122117-B

Tgt Ion:330 Resp: 106037

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	25.4	25.2	37.8

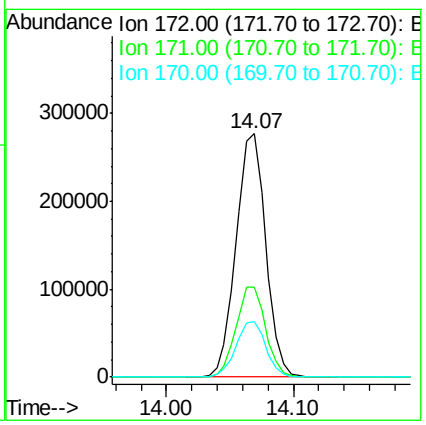


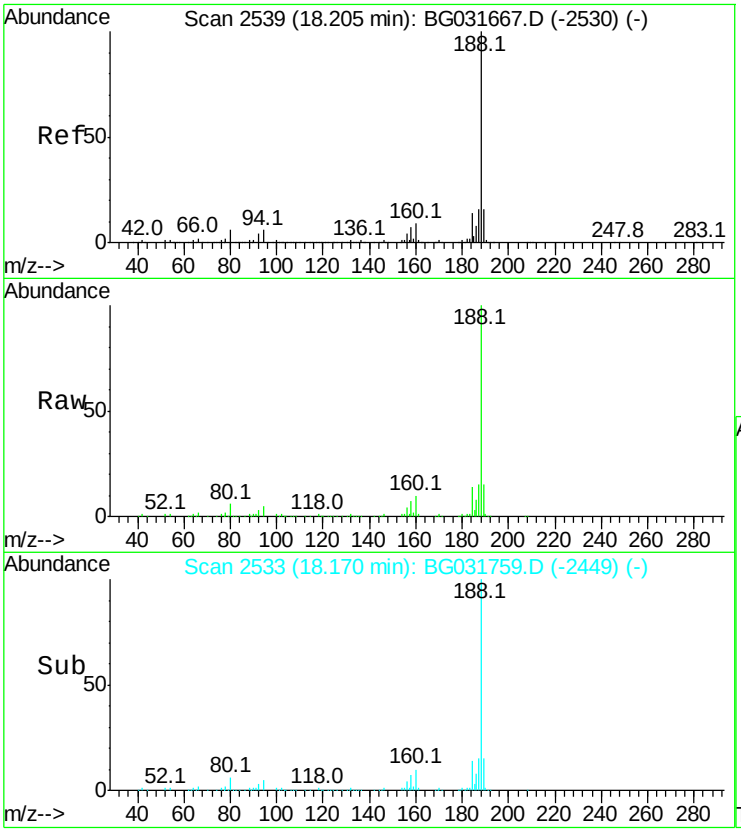


#44
2-Fluorobiphenyl
Concen: 47.922 ng
RT: 14.07 min Scan# 1835
Delta R.T. -0.03 min
Lab File: BG031759.D
Acq: 26 Dec 2017 13:29

Tgt Ion:172 Resp: 449137

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	22.7	19.5	29.3



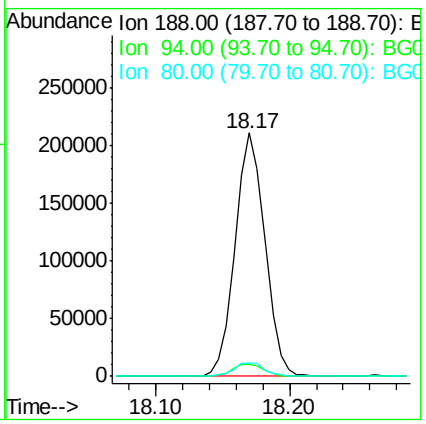


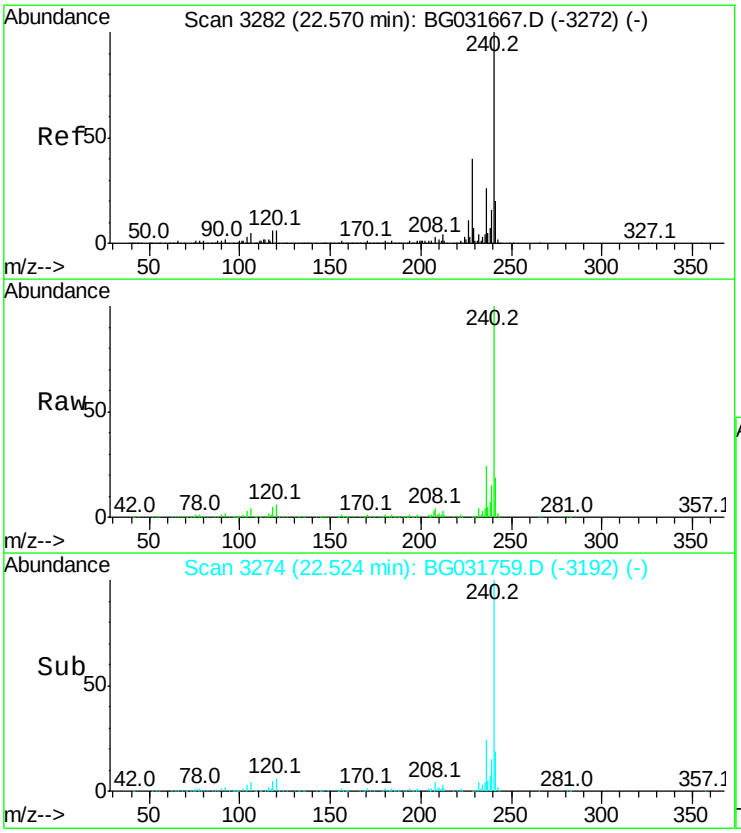
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.17 min Scan# 2533
Delta R.T. -0.03 min
Lab File: BG031759.D
Acq: 26 Dec 2017 13:29

Instrument :
BNA_G
ClientSampleId :
OR-02-122117-B

Tgt Ion:188 Resp: 325595

Ion	Ratio	Lower	Upper
188	100		
94	4.9	6.9	10.3#
80	5.7	7.7	11.5#

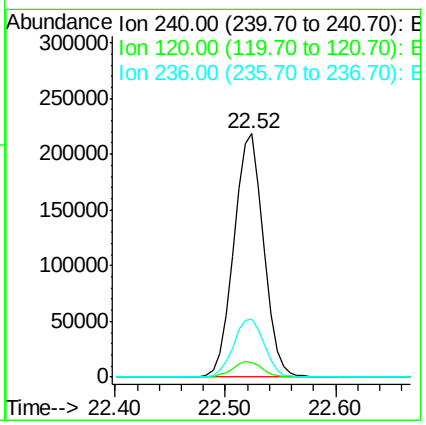


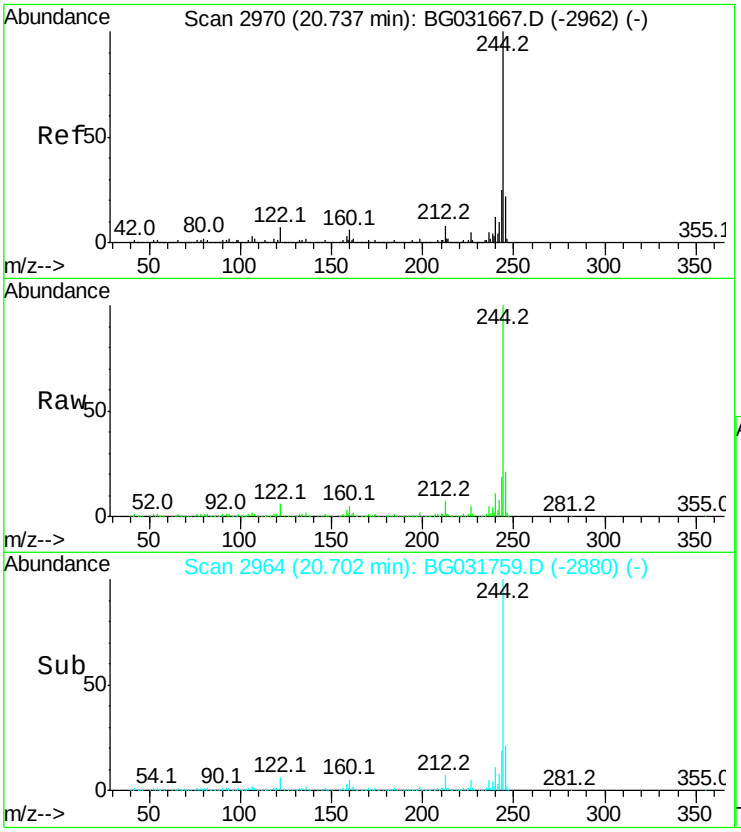


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.52 min Scan# 3274
Delta R.T. -0.05 min
Lab File: BG031759.D
Acq: 26 Dec 2017 13:29

Tgt Ion:240 Resp: 413226

Ion	Ratio	Lower	Upper
240	100		
120	6.0	6.8	10.2#
236	23.7	20.9	31.3



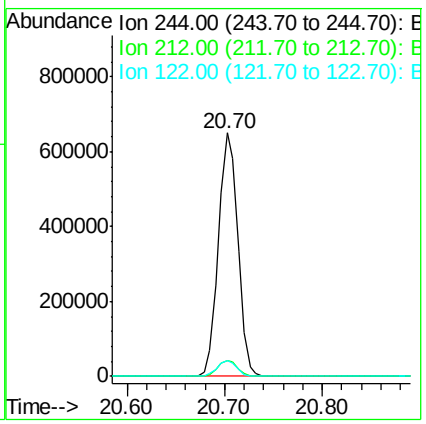


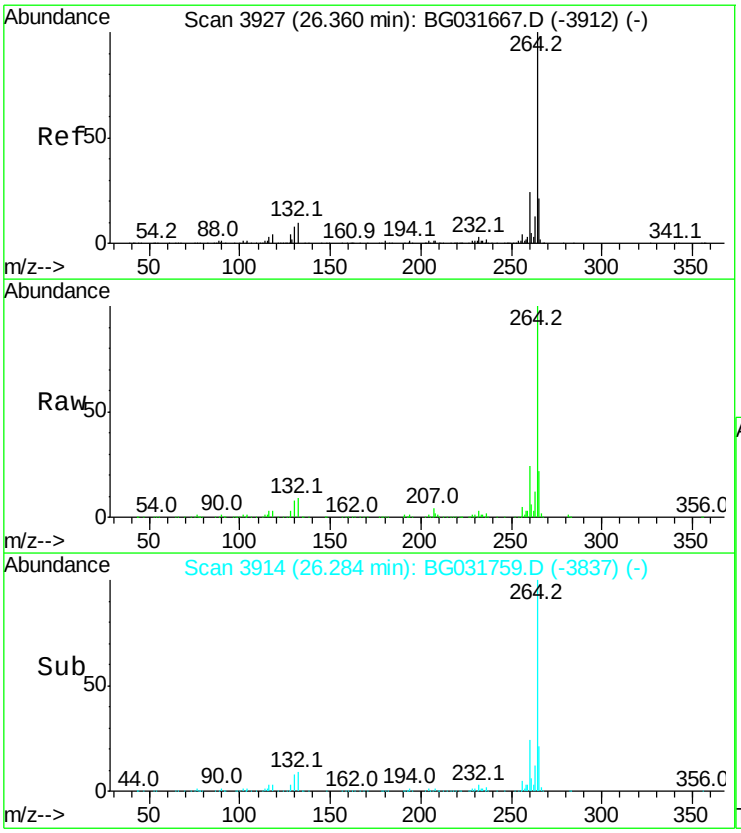
#78
Terphenyl-d14
Concen: 49.633 ng
RT: 20.70 min Scan# 2964
Delta R.T. -0.03 min
Lab File: BG031759.D
Acq: 26 Dec 2017 13:29

Instrument :
BNA_G
ClientSampleId :
OR-02-122117-B

Tgt Ion:244 Resp: 897715

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	6.4	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.28 min Scan# 3914
Delta R.T. -0.08 min
Lab File: BG031759.D
Acq: 26 Dec 2017 13:29

Tgt Ion:264 Resp: 433693

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.7	17.7	26.5