Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG010518\
Data File : BG031932.D
Acq On : 5 Jan 2018 14:45
Operator : SJ/JU
Sample : PB105488BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105488BL

Quant Time: Jan 05 15:41:24 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 05 15:31:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	53872	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	215017	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	155618	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	457133	20.00	ng	-0.01
75) Chrysene-d12	22.50	240	531866	20.00	ng	-0.02
86) Perylene-d12	26.24	264	522004	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	387168	130.90	ng	0.00
7) Phenol-d6	7.89	99	484881	126.27	ng	0.00
23) Nitrobenzene-d5	9.98	82	267697	94.01	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	372994	157.08	ng	-0.01
44) 2-Fluorobiphenyl	14.05	172	978556	78.93	ng	0.00
78) Terphenyl-d14	20.69	244	1972948	84.75	ng	-0.01
Target Compounds						Qvalue

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

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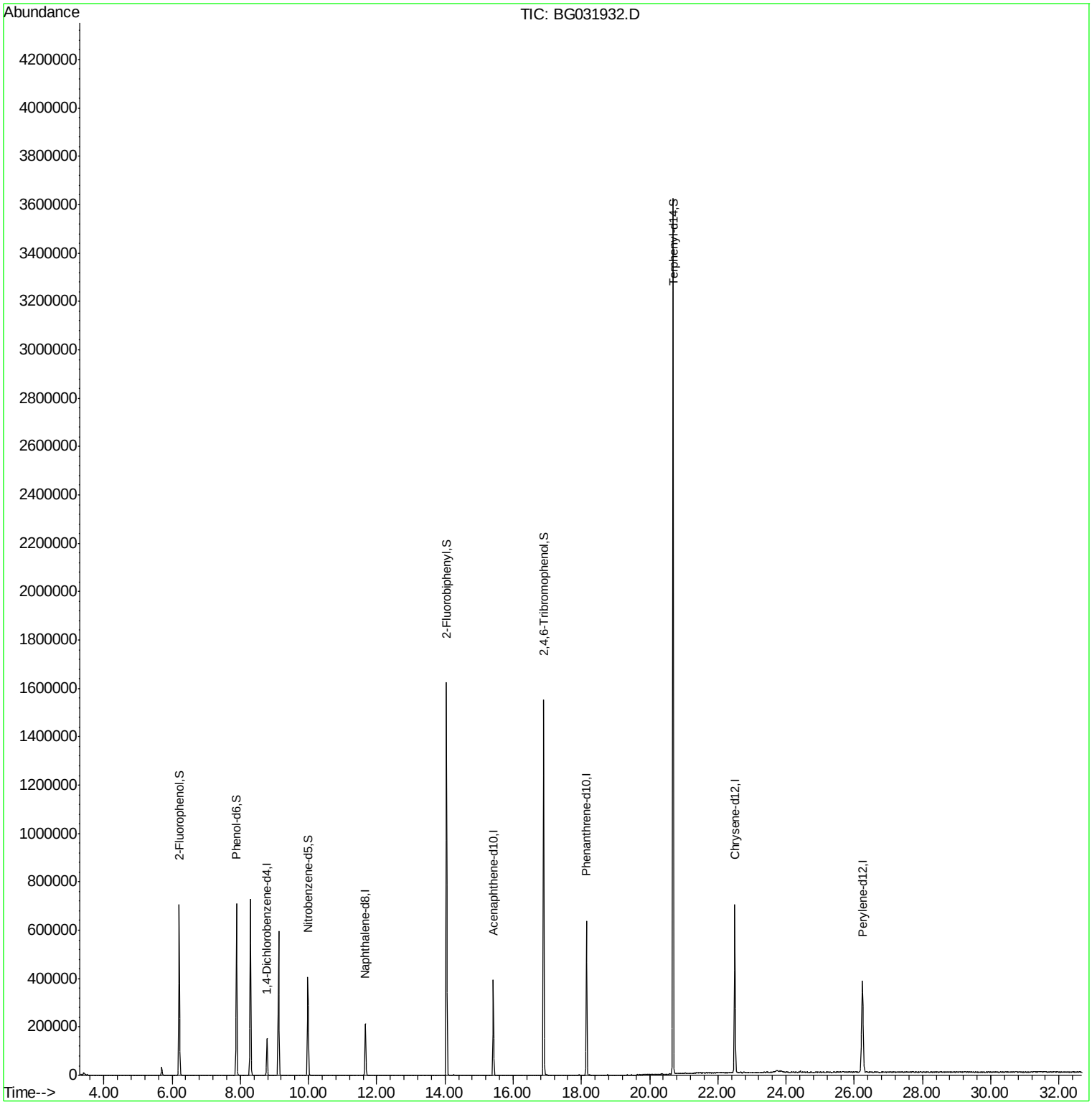
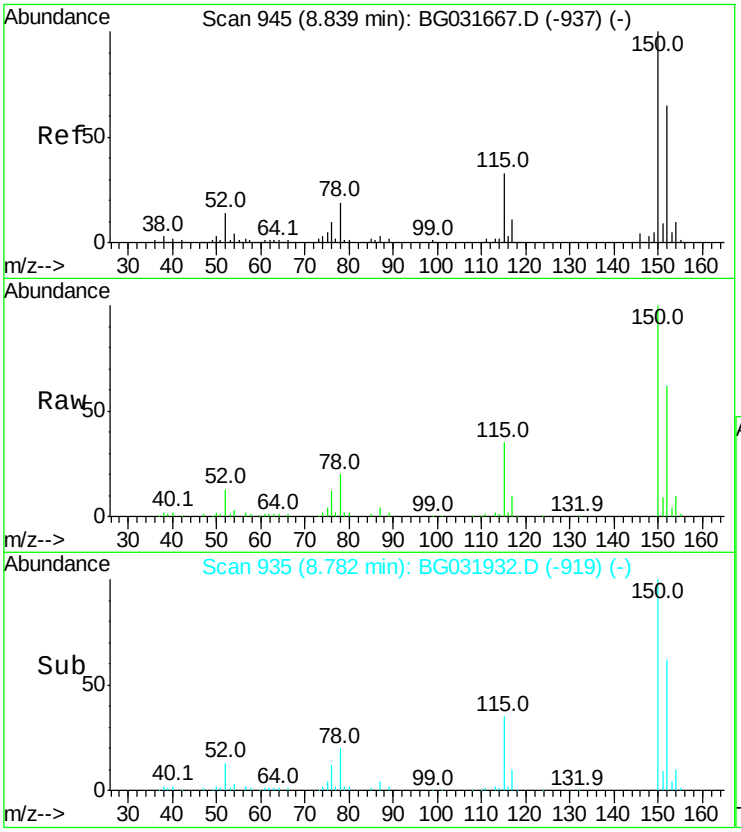


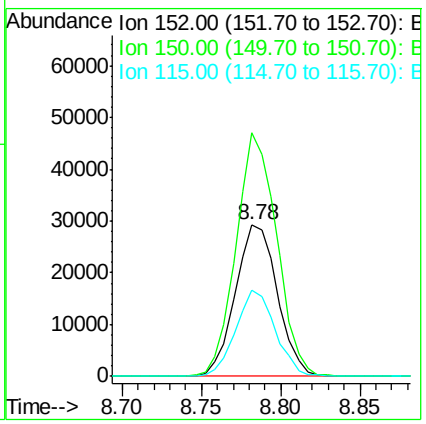


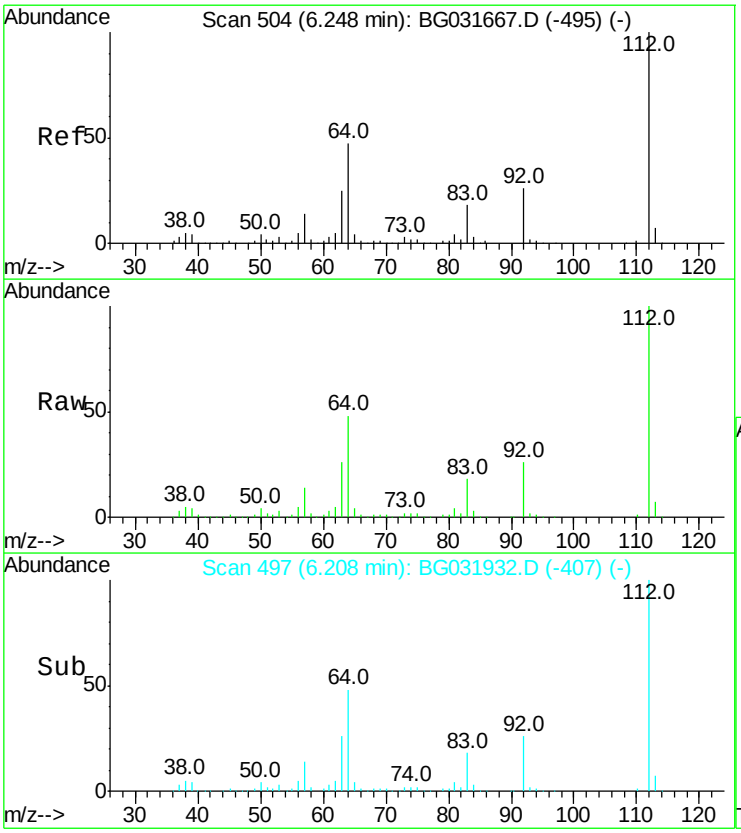
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG031932.D
Acq: 5 Jan 2018 14:45

Instrument :
BNA_G
ClientSampleId :
PB105488BL

Tgt Ion:152 Resp: 53872

Ion	Ratio	Lower	Upper
152	100		
150	160.3	126.6	189.8
115	56.5	53.0	79.4

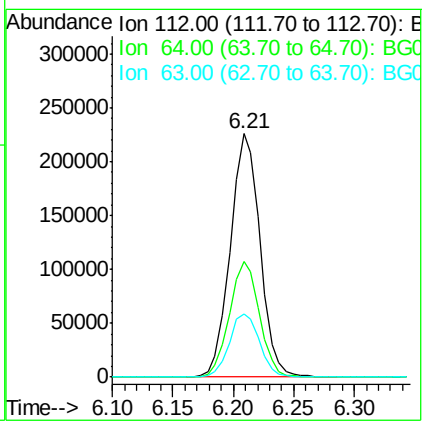


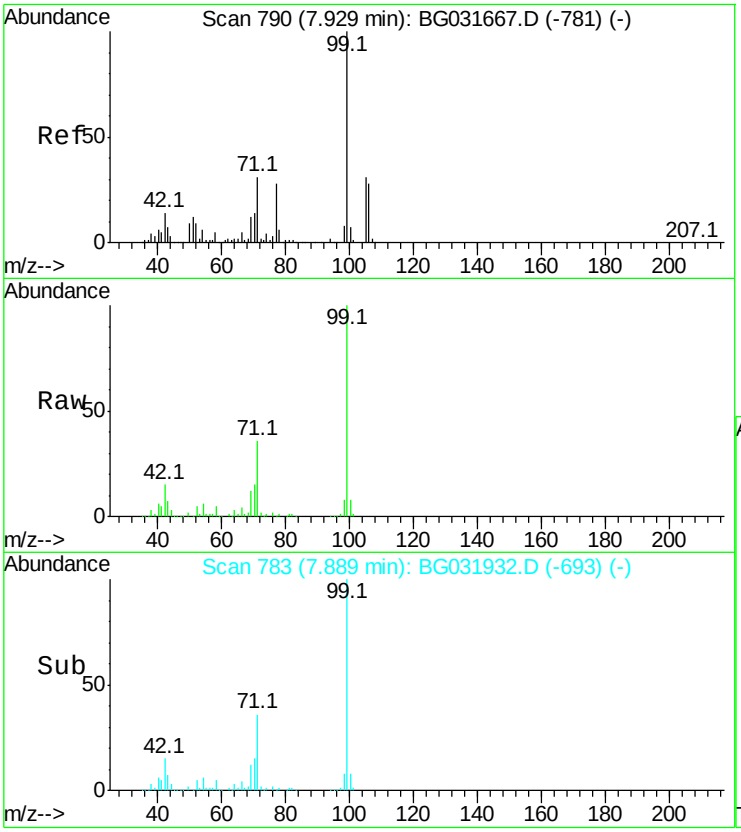


#5
2-Fluorophenol
Concen: 130.899 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.00 min
Lab File: BG031932.D
Acq: 5 Jan 2018 14:45

Tgt Ion:112 Resp: 387168

Ion	Ratio	Lower	Upper
112	100		
64	47.6	56.3	84.5#
63	25.7	30.1	45.1#



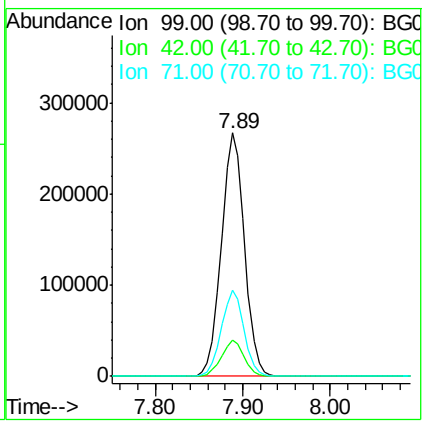


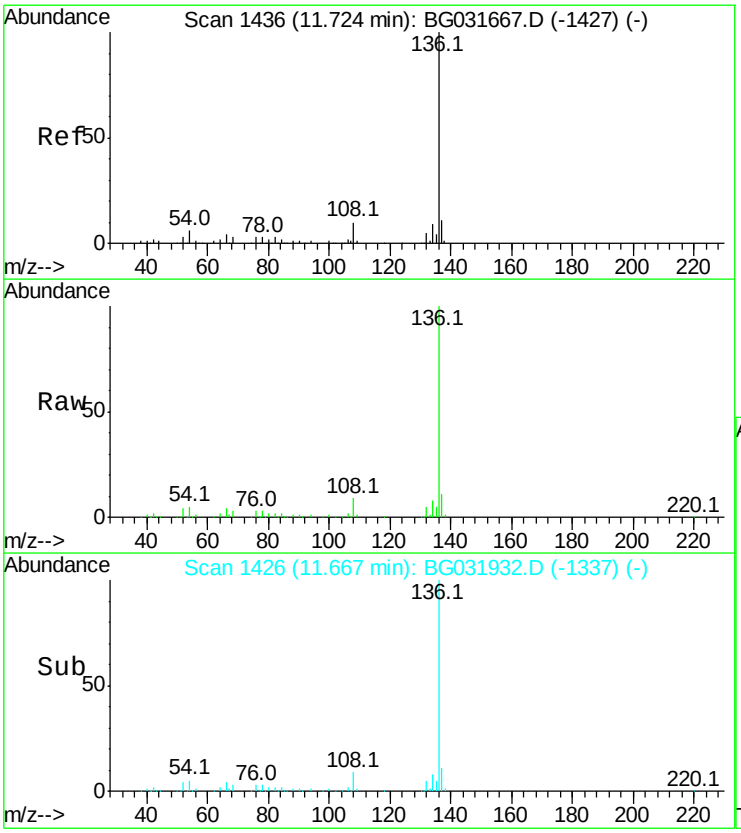
#7
Phenol-d6
Concen: 126.267 ng
RT: 7.89 min Scan# 783
Delta R.T. -0.00 min
Lab File: BG031932.D
Acq: 5 Jan 2018 14:45

Instrument :
BNA_G
ClientSampleId :
PB105488BL

Tgt Ion: 99 Resp: 484881

Ion	Ratio	Lower	Upper
99	100		
42	14.7	14.1	21.1
71	35.6	26.1	39.1

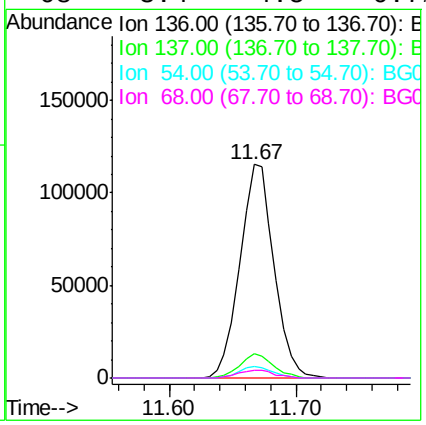


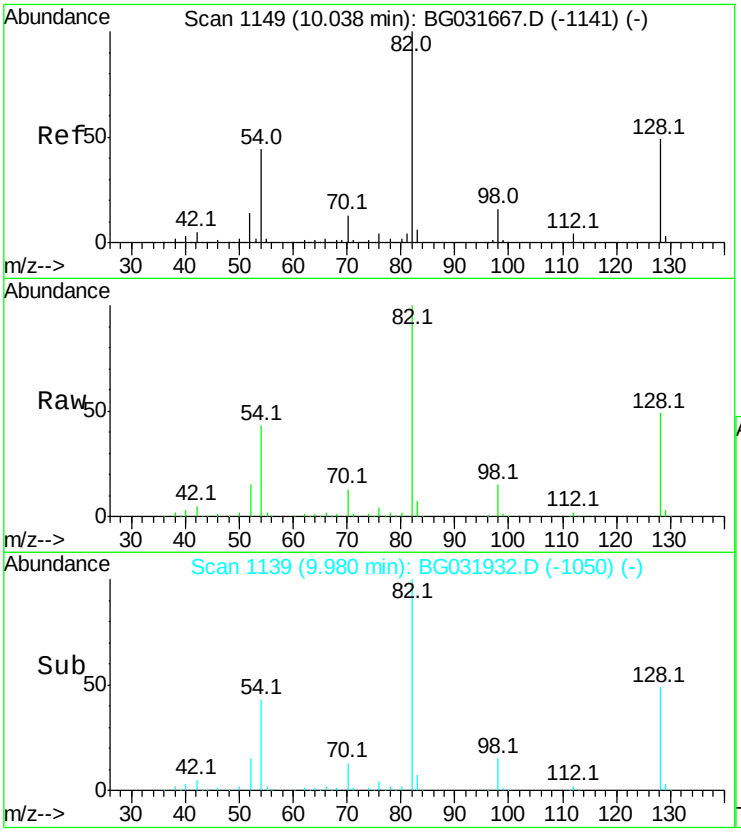


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BG031932.D
Acq: 5 Jan 2018 14:45

Tgt Ion:136 Resp: 215017

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	5.4	10.3	15.5#
68	3.4	4.5	6.7#



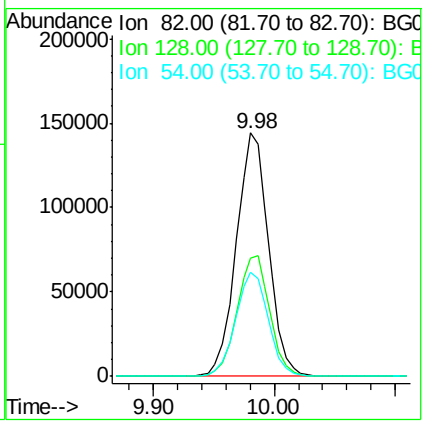


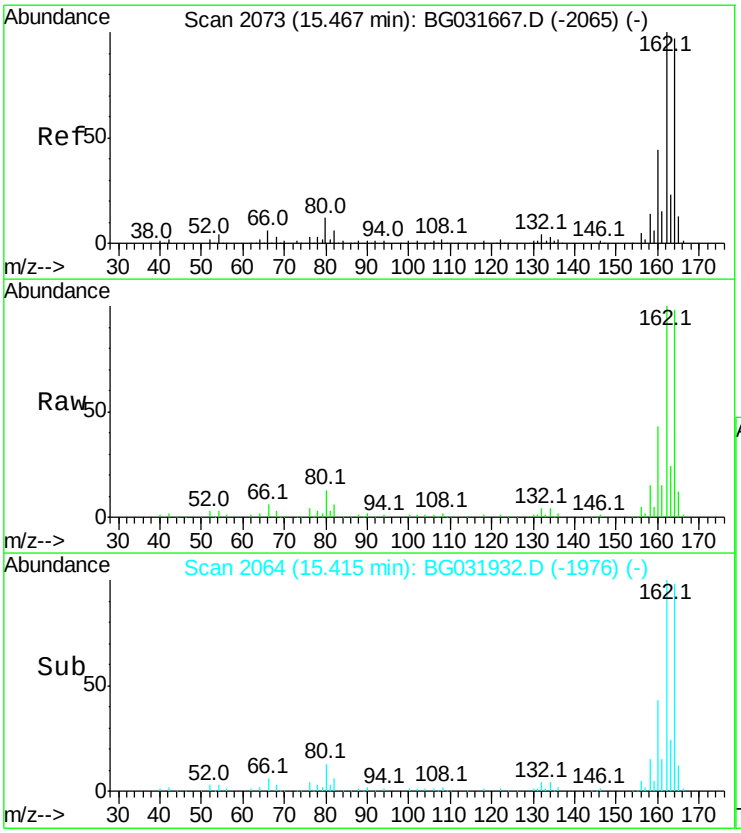
#23
Nitrobenzene-d5
Concen: 94.013 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG031932.D
Acq: 5 Jan 2018 14:45

Instrument :
BNA_G
ClientSampleId :
PB105488BL

Tgt Ion: 82 Resp: 267697

Ion	Ratio	Lower	Upper
82	100		
128	48.8	29.7	44.5#
54	42.6	43.1	64.7#

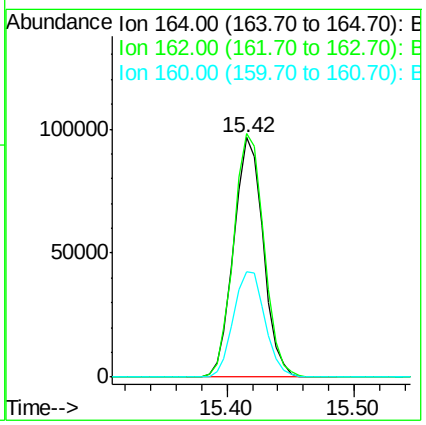


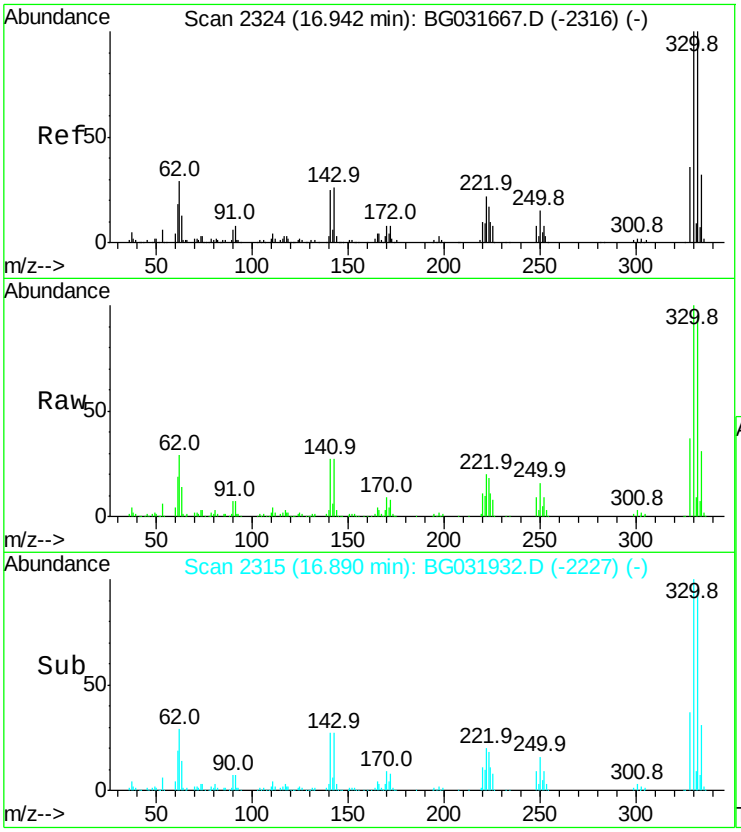


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.42 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BG031932.D
Acq: 5 Jan 2018 14:45

Tgt Ion:164 Resp: 155618

Ion	Ratio	Lower	Upper
164	100		
162	101.6	78.8	118.2
160	43.7	35.4	53.0



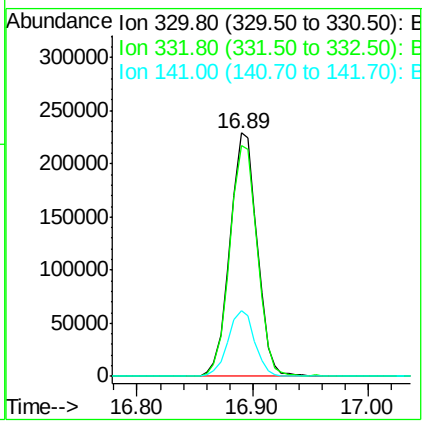


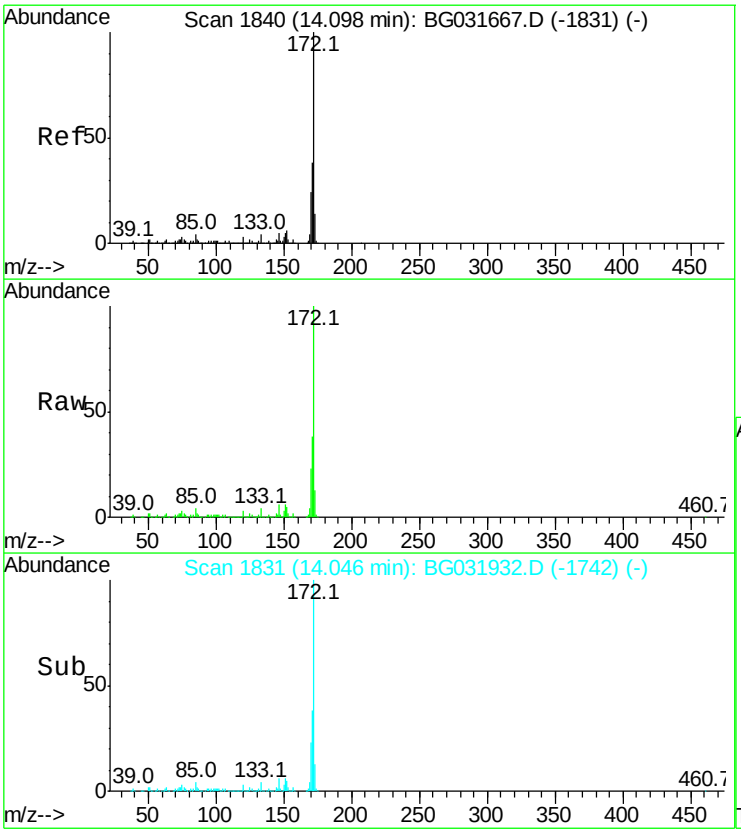
#41
2,4,6-Tribromophenol
Concen: 157.082 ng
RT: 16.89 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG031932.D
Acq: 5 Jan 2018 14:45

Instrument :
BNA_G
ClientSampleId :
PB105488BL

Tgt Ion:330 Resp: 372994

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	26.5	25.2	37.8

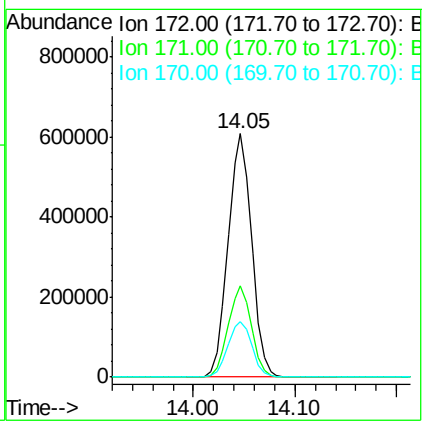


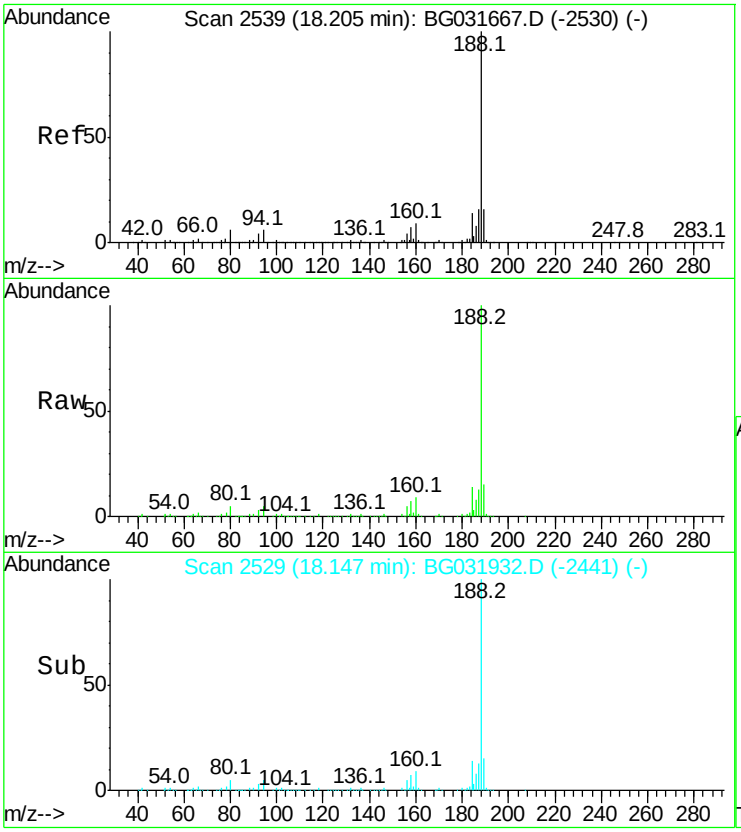


#44
2-Fluorobiphenyl
Concen: 78.925 ng
RT: 14.05 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BG031932.D
Acq: 5 Jan 2018 14:45

Tgt Ion:172 Resp: 978556

Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	23.0	19.5	29.3



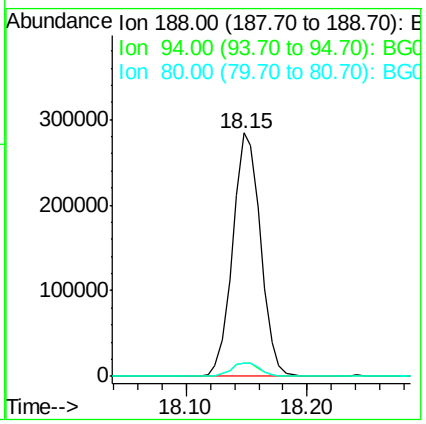


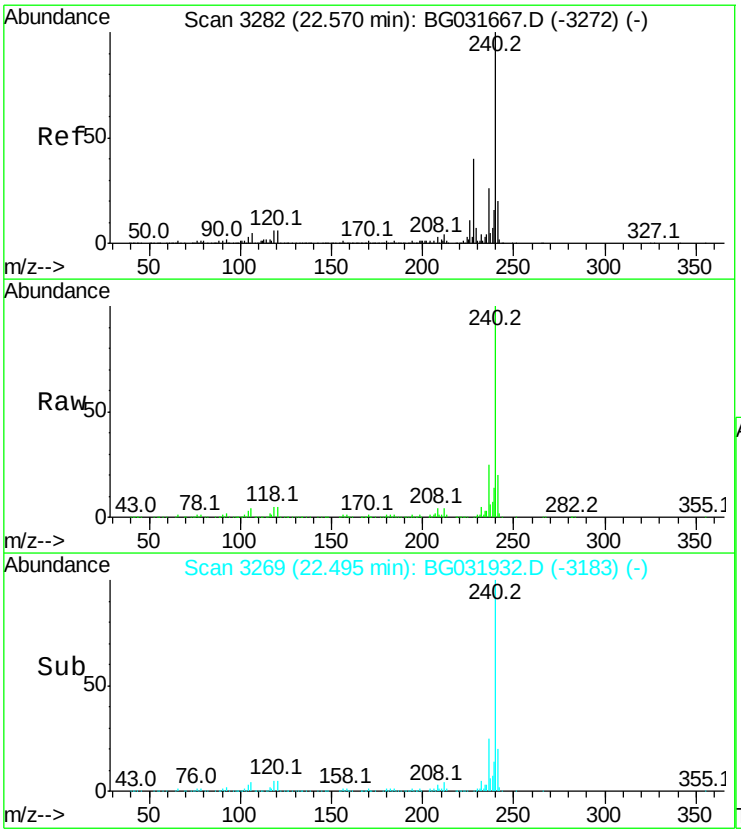
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BG031932.D
Acq: 5 Jan 2018 14:45

Instrument :
BNA_G
ClientSampleId :
PB105488BL

Tgt Ion:188 Resp: 457133

Ion	Ratio	Lower	Upper
188	100		
94	5.3	6.9	10.3#
80	5.2	7.7	11.5#

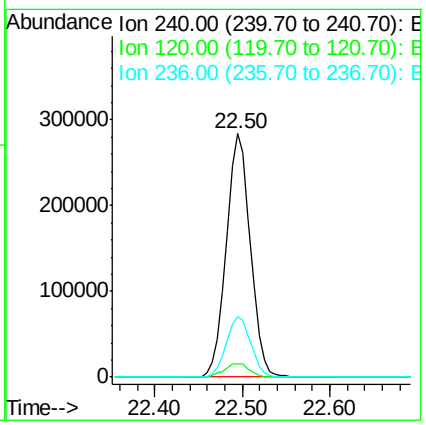


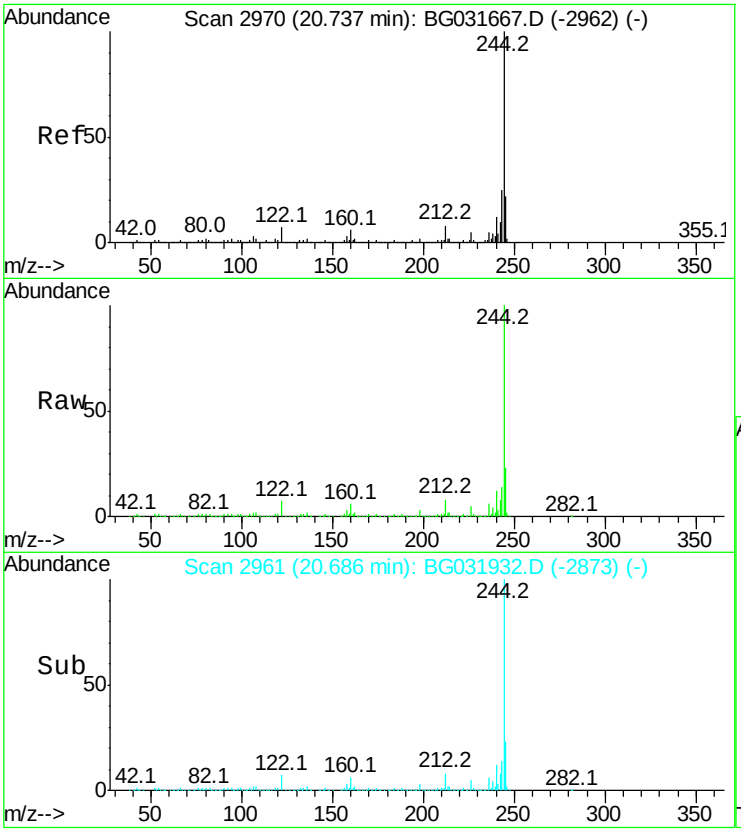


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.50 min Scan# 3269
Delta R.T. -0.02 min
Lab File: BG031932.D
Acq: 5 Jan 2018 14:45

Tgt Ion:240 Resp: 531866

Ion	Ratio	Lower	Upper
240	100		
120	5.5	6.8	10.2#
236	25.1	20.9	31.3



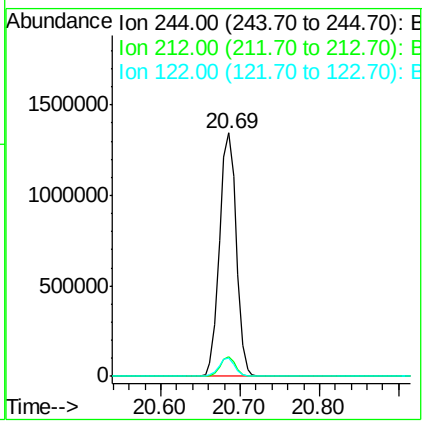


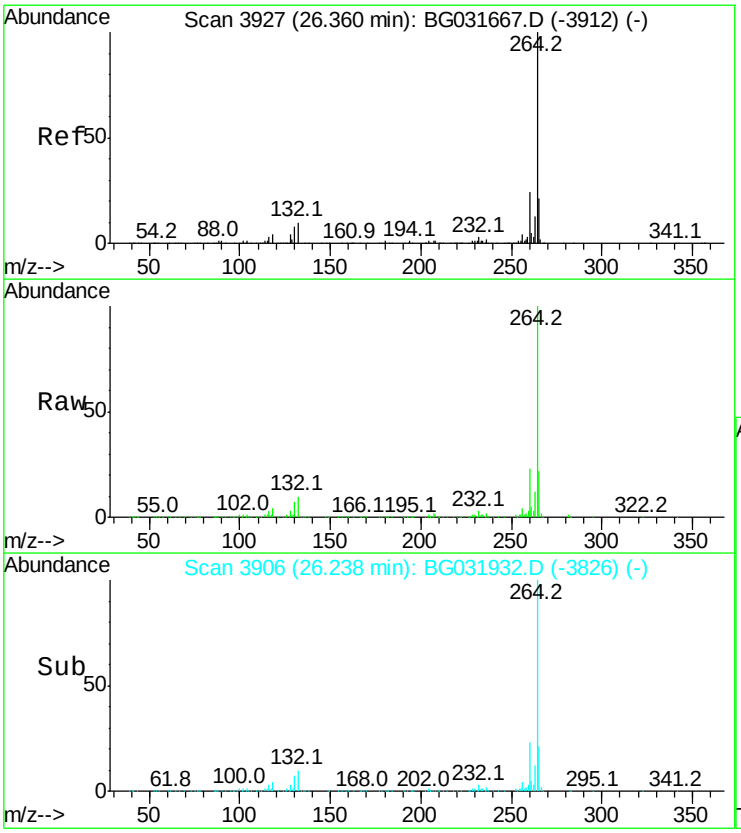
#78
Terphenyl-d14
Concen: 84.749 ng
RT: 20.69 min Scan# 2961
Delta R.T. -0.01 min
Lab File: BG031932.D
Acq: 5 Jan 2018 14:45

Instrument :
BNA_G
ClientSampleId :
PB105488BL

Tgt Ion:244 Resp: 1972948

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	7.3	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.24 min Scan# 3906
Delta R.T. -0.06 min
Lab File: BG031932.D
Acq: 5 Jan 2018 14:45

Tgt Ion:264 Resp: 522004

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	21.5	17.7	26.5