Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010218\
Data File : BG031878.D
Acq On : 2 Jan 2018 19:17
Operator : SJ/JU
Sample : I6682-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NB-08-122917

Quant Time: Jan 03 00:27:33 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 15:51:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	47964	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	199375	20.00	ng	-0.01
38) Acenaphthene-d10	15.41	164	141068	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	401522	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	470447	20.00	ng	-0.02
86) Perylene-d12	26.23	264	484366	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	332845	126.39	ng	0.00
7) Phenol-d6	7.89	99	388106	113.51	ng	0.00
23) Nitrobenzene-d5	9.99	82	256788	97.26	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	339809	157.87	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	935458	83.23	ng	0.00
78) Terphenyl-d14	20.68	244	1854022	90.04	ng	0.00
Target Compounds						Qvalue

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

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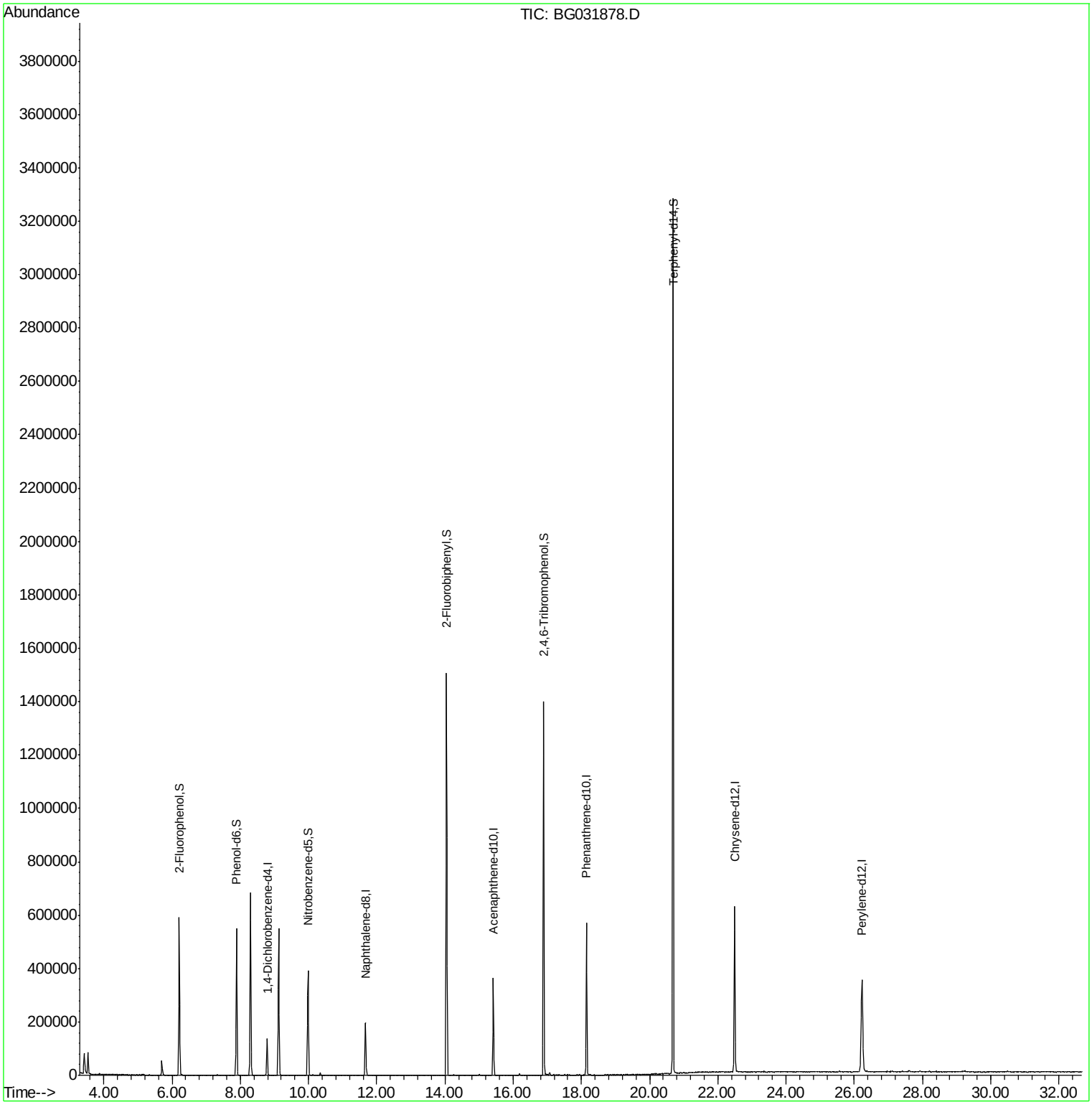
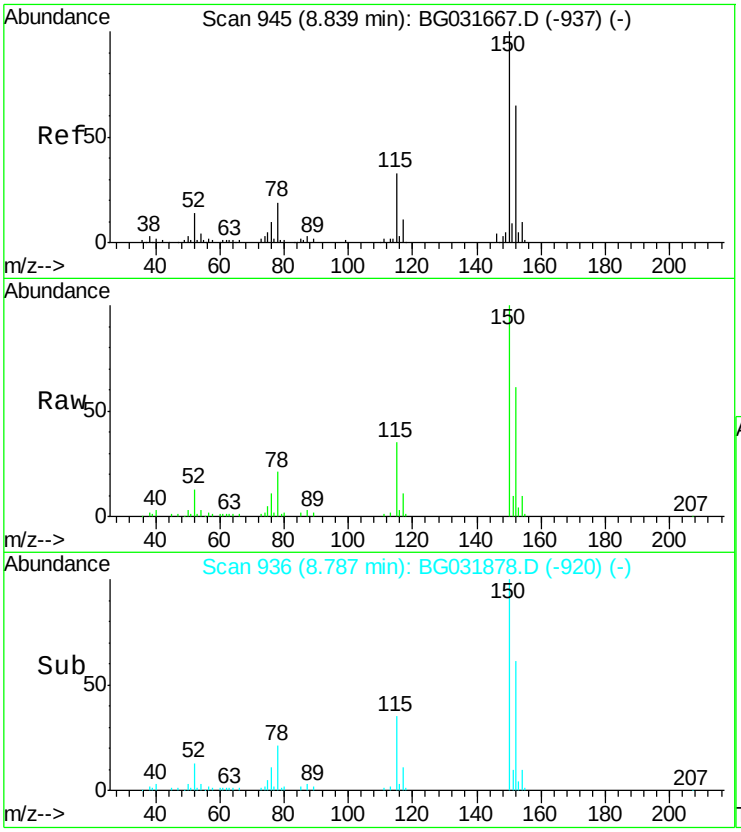


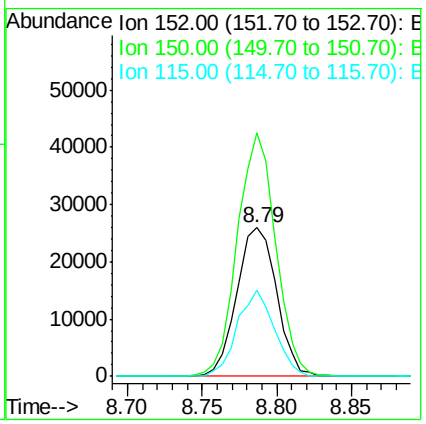


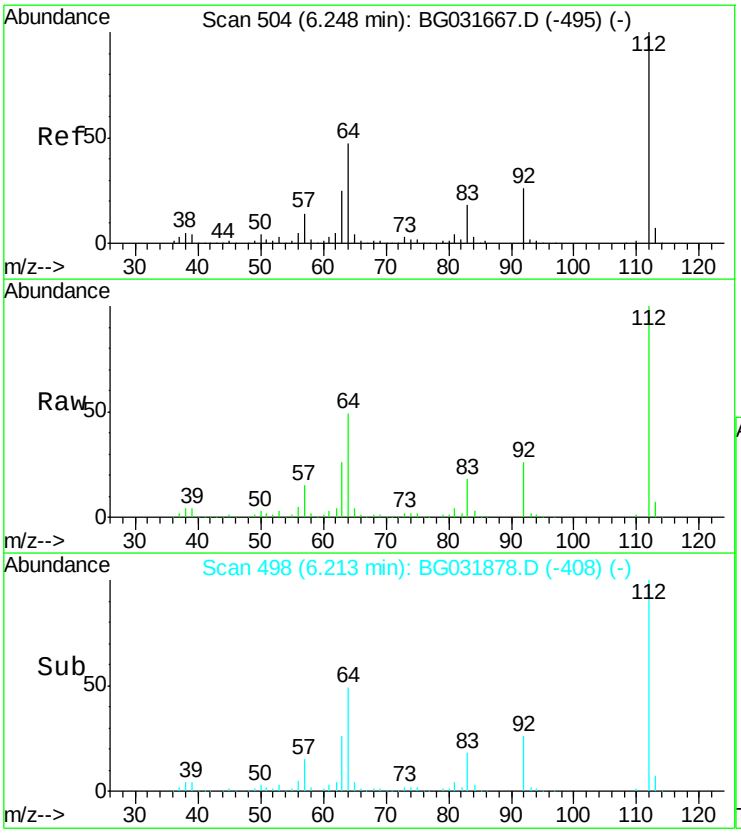
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG031878.D
Acq: 2 Jan 2018 19:17

Instrument :
BNA_G
ClientSampleId :
NB-08-122917

Tgt Ion:152 Resp: 47964

Ion	Ratio	Lower	Upper
152	100		
150	163.8	126.6	189.8
115	58.1	53.0	79.4

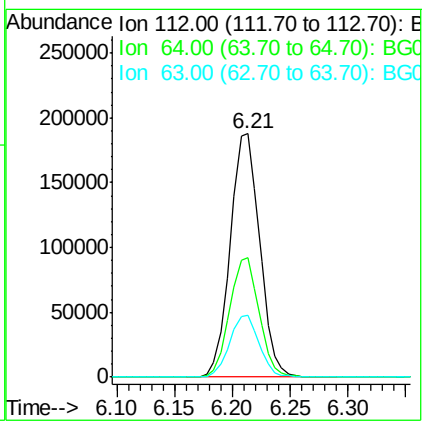


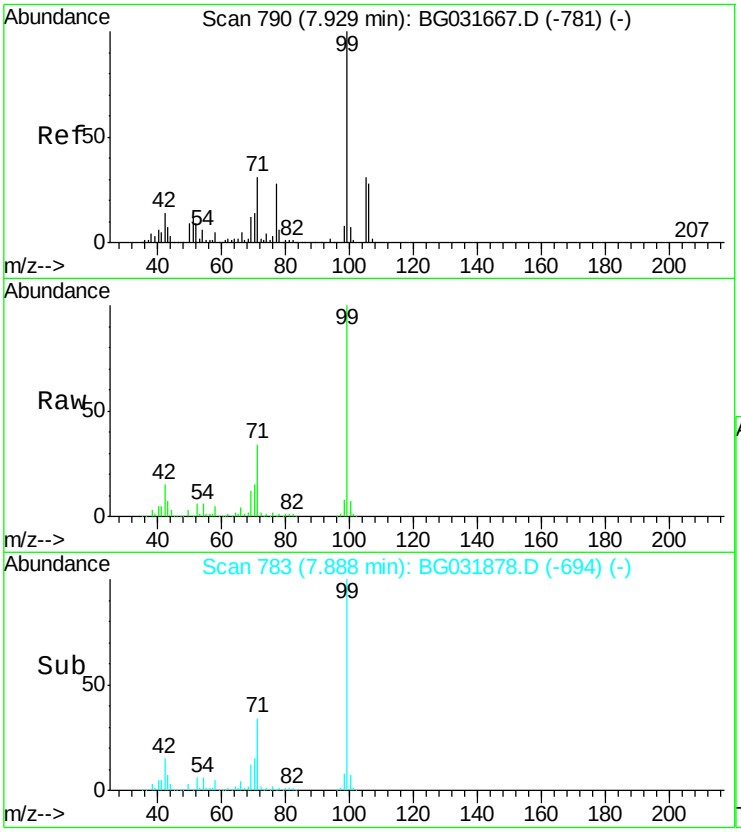


#5
2-Fluorophenol
Concen: 126.395 ng
RT: 6.21 min Scan# 498
Delta R.T. -0.00 min
Lab File: BG031878.D
Acq: 2 Jan 2018 19:17

Tgt Ion:112 Resp: 332845

Ion	Ratio	Lower	Upper
112	100		
64	49.0	56.3	84.5#
63	25.6	30.1	45.1#



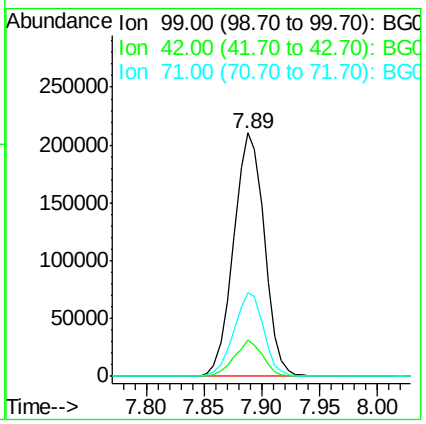


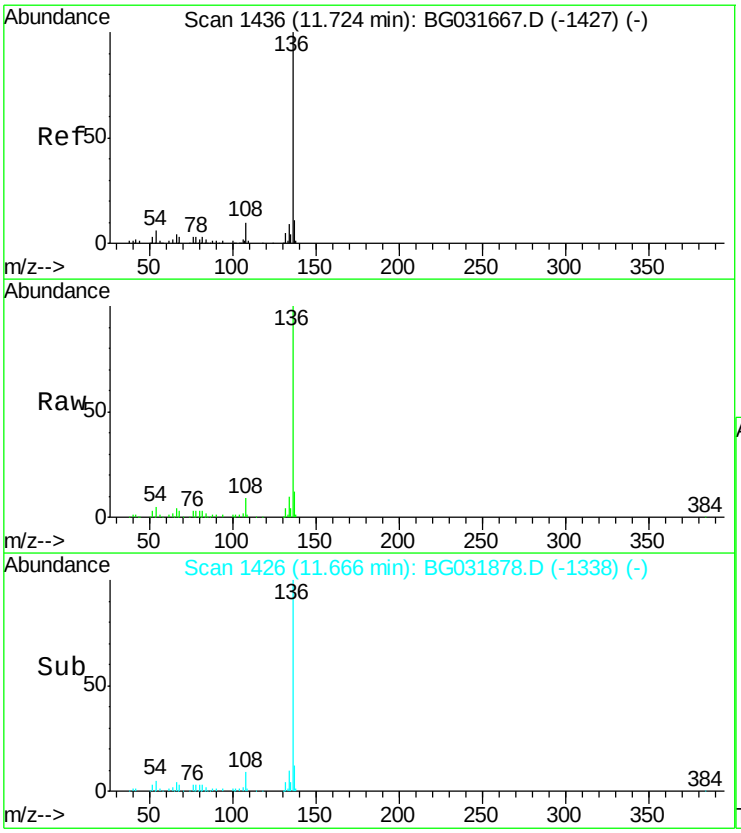
#7
Phenol-d6
Concen: 113.515 ng
RT: 7.89 min Scan# 783
Delta R.T. -0.01 min
Lab File: BG031878.D
Acq: 2 Jan 2018 19:17

Instrument :
BNA_G
ClientSampleId :
NB-08-122917

Tgt Ion: 99 Resp: 388106

Ion	Ratio	Lower	Upper
99	100		
42	14.9	14.1	21.1
71	34.3	26.1	39.1

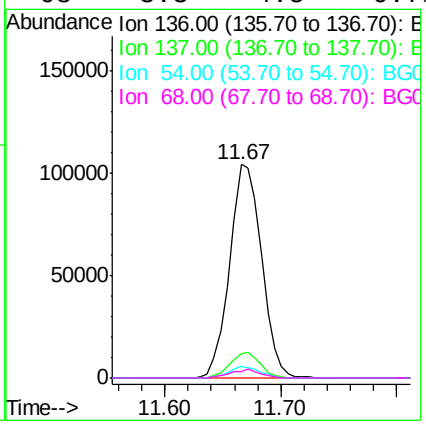


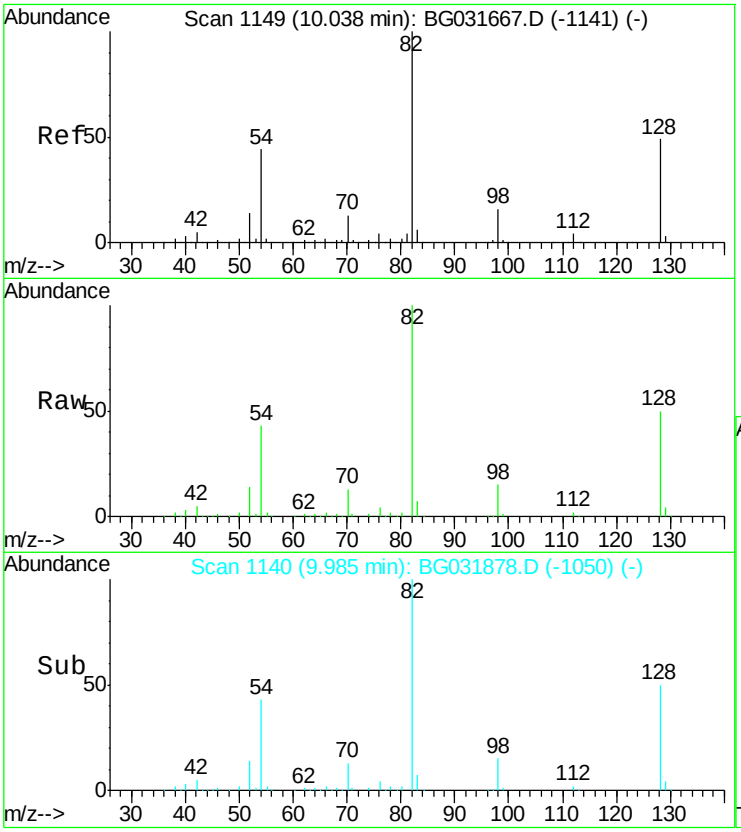


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BG031878.D
Acq: 2 Jan 2018 19:17

Tgt Ion:136 Resp: 199375

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	5.2	10.3	15.5#
68	3.3	4.5	6.7#



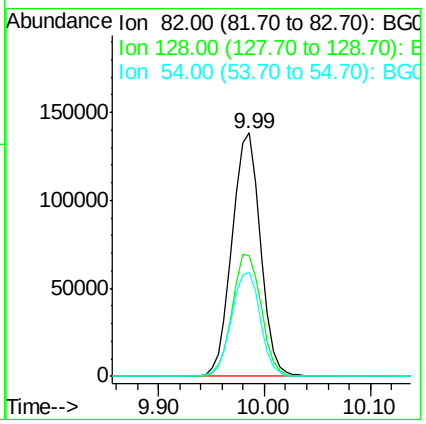


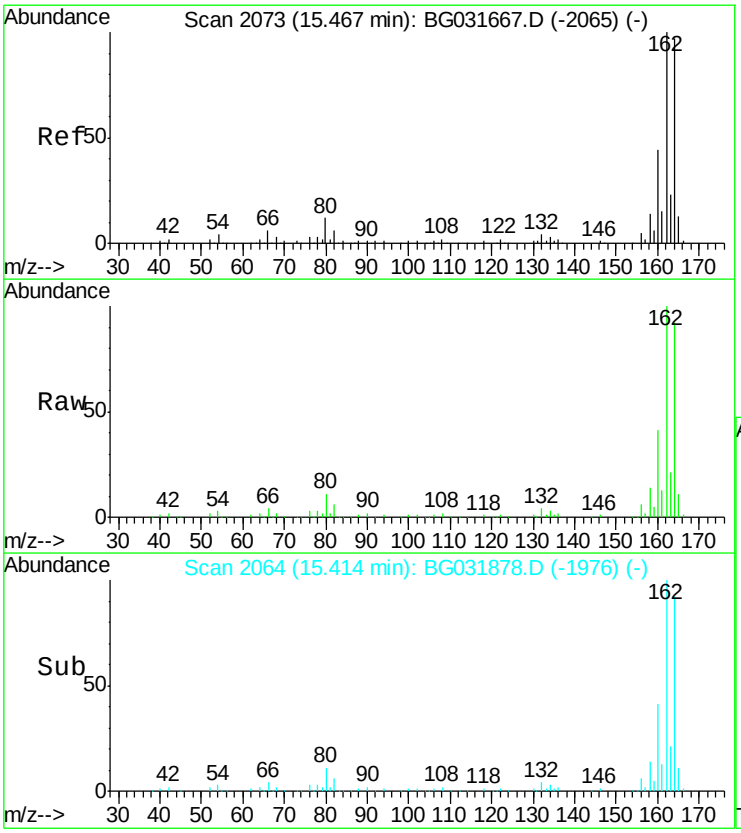
#23
Nitrobenzene-d5
Concen: 97.257 ng
RT: 9.99 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BG031878.D
Acq: 2 Jan 2018 19:17

Instrument :
BNA_G
ClientSampleId :
NB-08-122917

Tgt Ion: 82 Resp: 256788

Ion	Ratio	Lower	Upper
82	100		
128	49.8	29.7	44.5#
54	42.9	43.1	64.7#

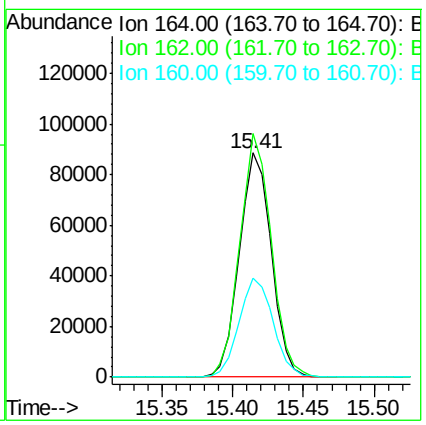


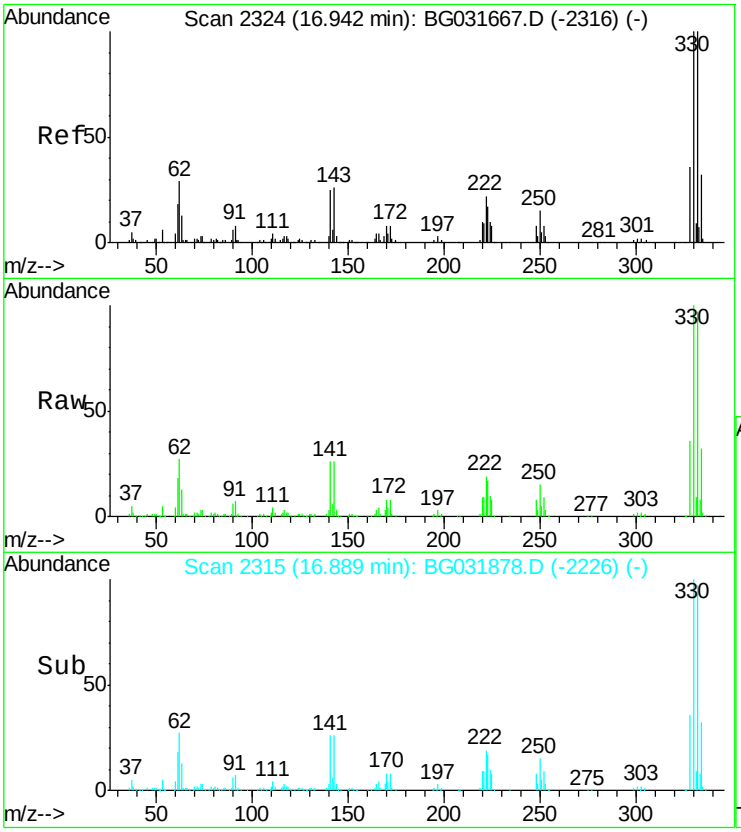


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.41 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BG031878.D
Acq: 2 Jan 2018 19:17

Tgt Ion:164 Resp: 141068

Ion	Ratio	Lower	Upper
164	100		
162	108.8	78.8	118.2
160	44.5	35.4	53.0



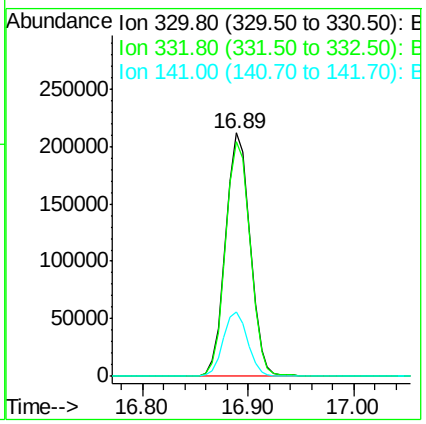


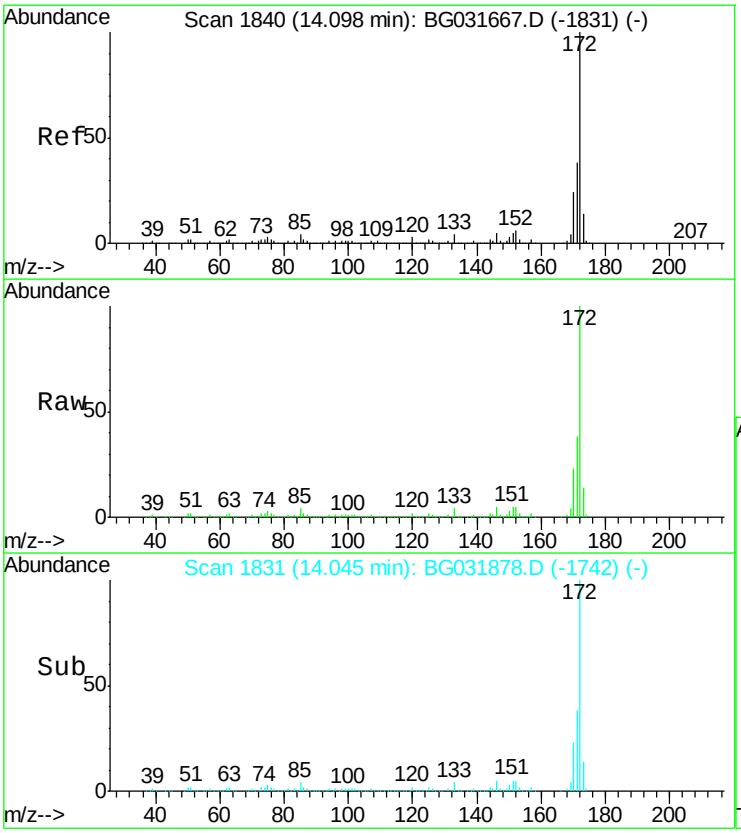
#41
2,4,6-Tribromophenol
Concen: 157.867 ng
RT: 16.89 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG031878.D
Acq: 2 Jan 2018 19:17

Instrument :
BNA_G
ClientSampleId :
NB-08-122917

Tgt Ion:330 Resp: 339809

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	26.5	25.2	37.8

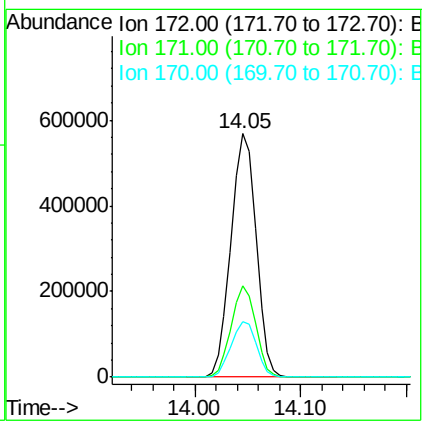


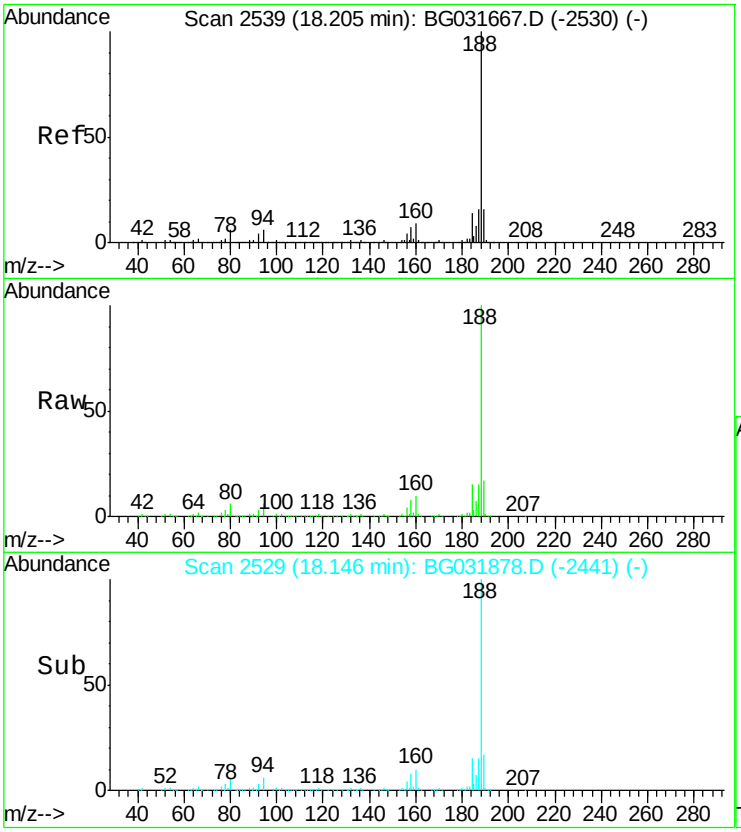


#44
2-Fluorobiphenyl
Concen: 83.231 ng
RT: 14.05 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BG031878.D
Acq: 2 Jan 2018 19:17

Tgt Ion:172 Resp: 935458

Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	22.8	19.5	29.3



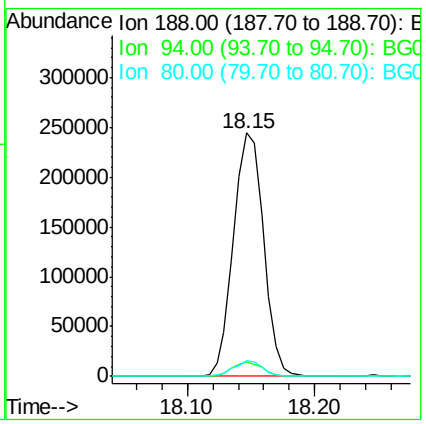


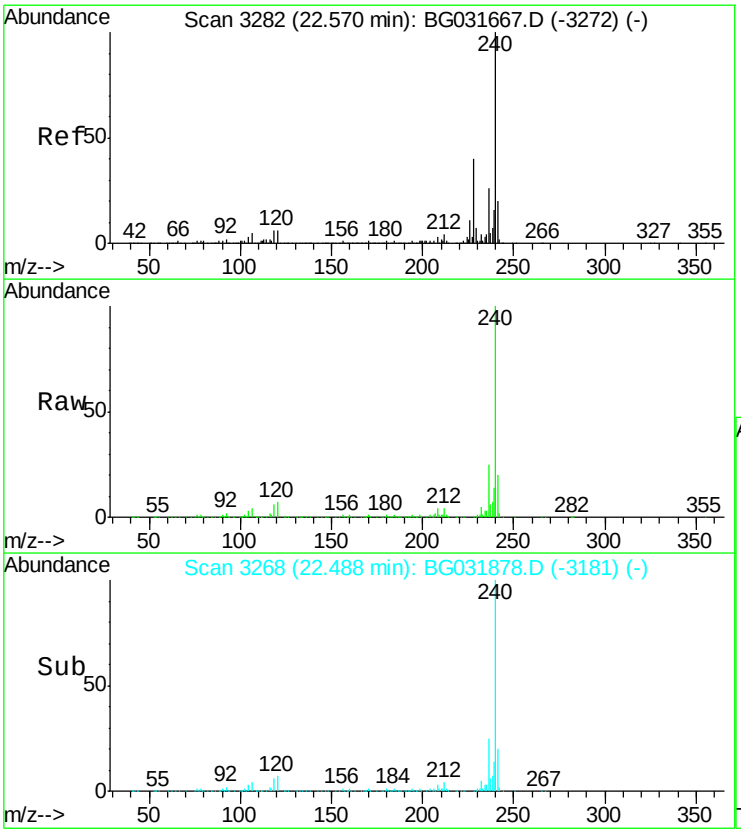
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BG031878.D
Acq: 2 Jan 2018 19:17

Instrument :
BNA_G
ClientSampleId :
NB-08-122917

Tgt Ion:188 Resp: 401522

Ion	Ratio	Lower	Upper
188	100		
94	5.9	6.9	10.3#
80	6.4	7.7	11.5#

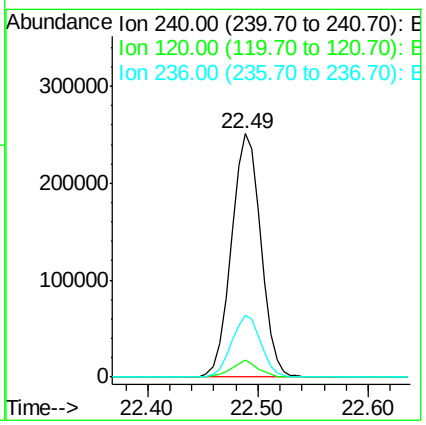


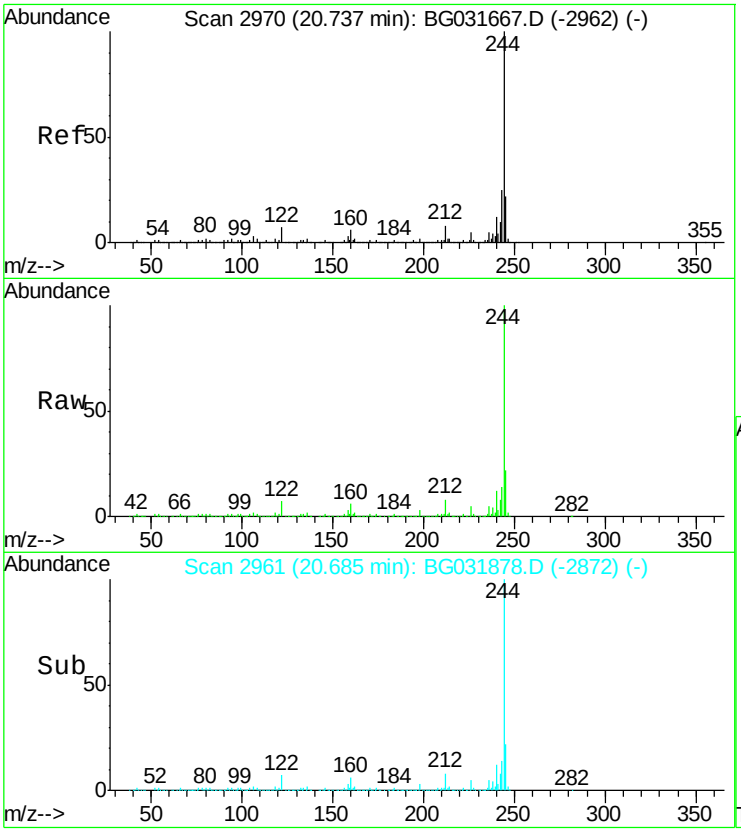


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.49 min Scan# 3268
Delta R.T. -0.02 min
Lab File: BG031878.D
Acq: 2 Jan 2018 19:17

Tgt Ion:240 Resp: 470447

Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.8	10.2
236	25.2	20.9	31.3



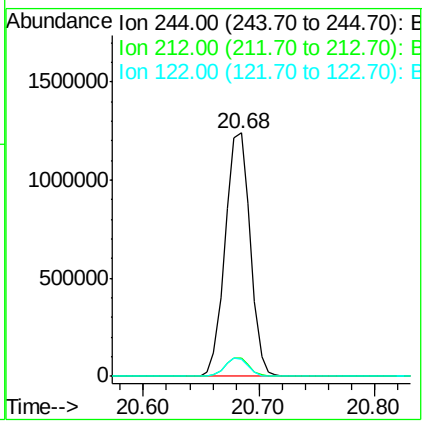


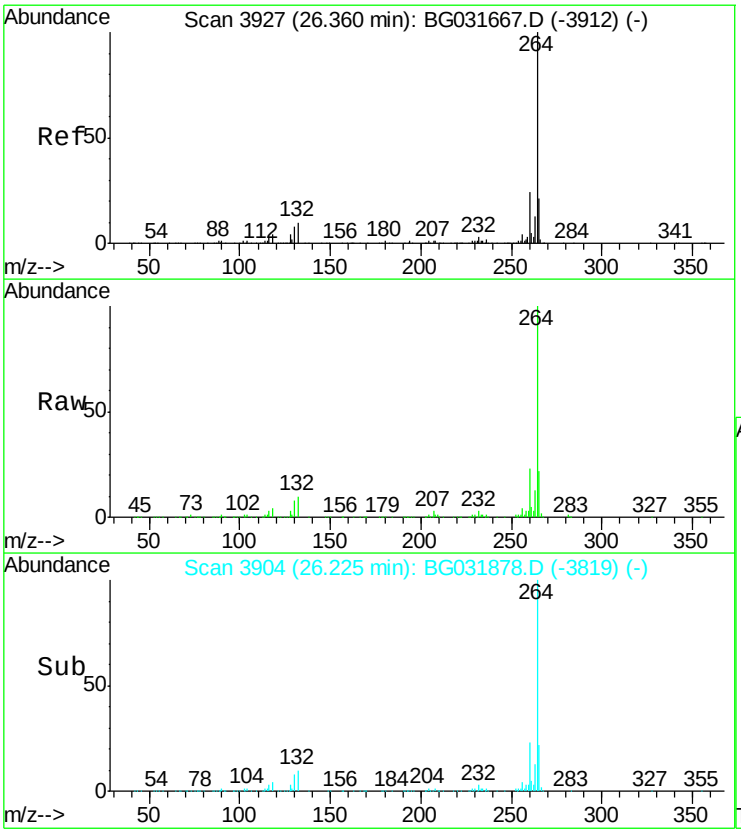
#78
Terphenyl-d14
Concen: 90.038 ng
RT: 20.68 min Scan# 2961
Delta R.T. -0.01 min
Lab File: BG031878.D
Acq: 2 Jan 2018 19:17

Instrument :
BNA_G
ClientSampleId :
NB-08-122917

Tgt Ion:244 Resp: 1854022

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	7.0	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.23 min Scan# 3904
Delta R.T. -0.03 min
Lab File: BG031878.D
Acq: 2 Jan 2018 19:17

Tgt Ion:264 Resp: 484366

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	22.4	17.7	26.5