Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG010518\
Data File : BG031943.D
Acq On : 5 Jan 2018 21:37
Operator : SJ/JU
Sample : J1012-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JC-03-010318-D

Quant Time: Jan 06 01:04:13 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	52504	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	217807	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	156535	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	425981	20.00	ng	-0.01
75) Chrysene-d12	22.48	240	483477	20.00	ng	-0.04
86) Perylene-d12	26.22	264	478879	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	380892	132.13	ng	0.00
7) Phenol-d6	7.89	99	456609	122.00	ng	0.00
23) Nitrobenzene-d5	9.98	82	308125	106.82	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	390951	163.68	ng	-0.02
44) 2-Fluorobiphenyl	14.04	172	1071263	85.90	ng	-0.01
78) Terphenyl-d14	20.68	244	2093292	98.92	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	11.71	128	38359	3.490	ng	98

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

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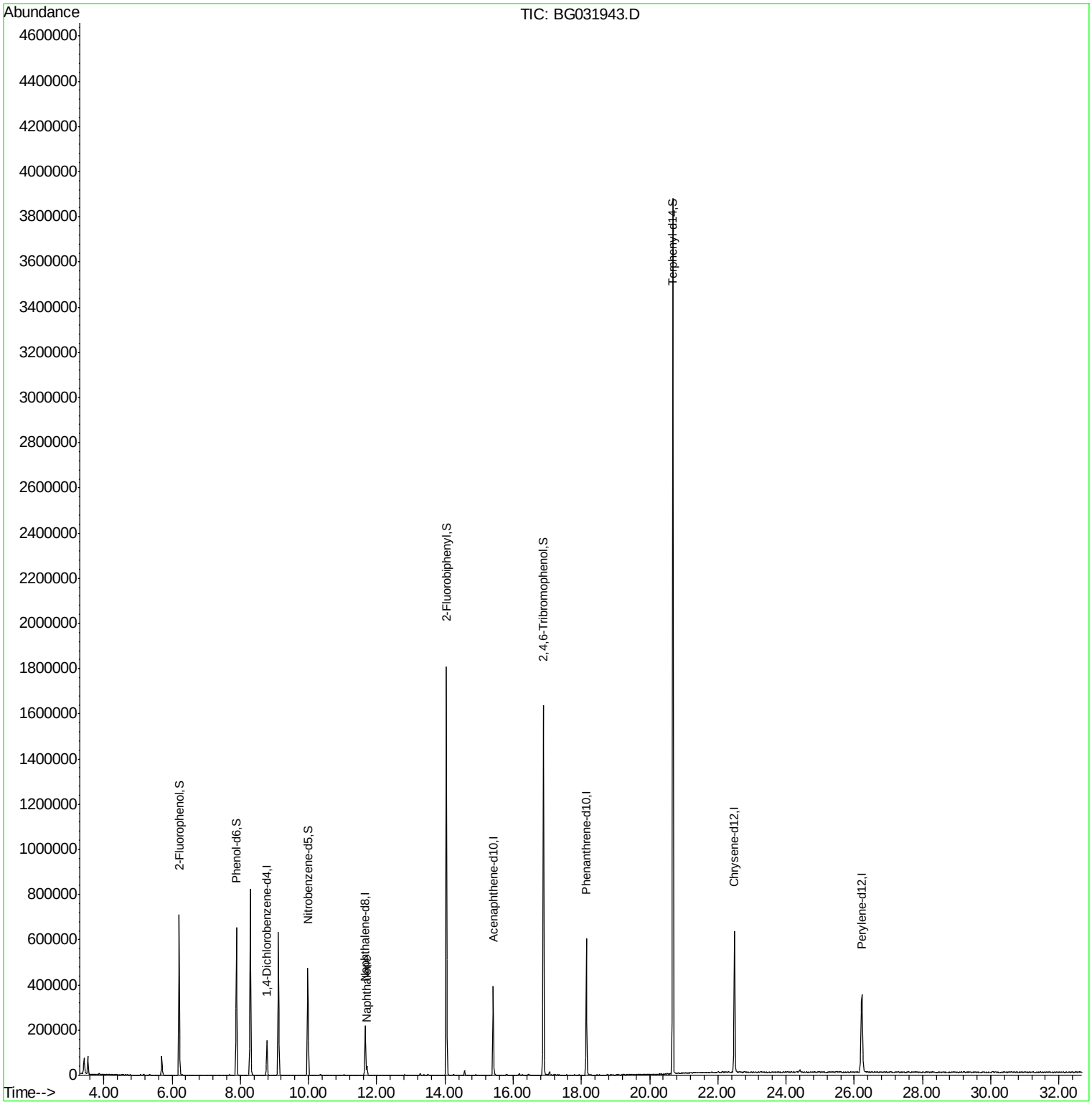
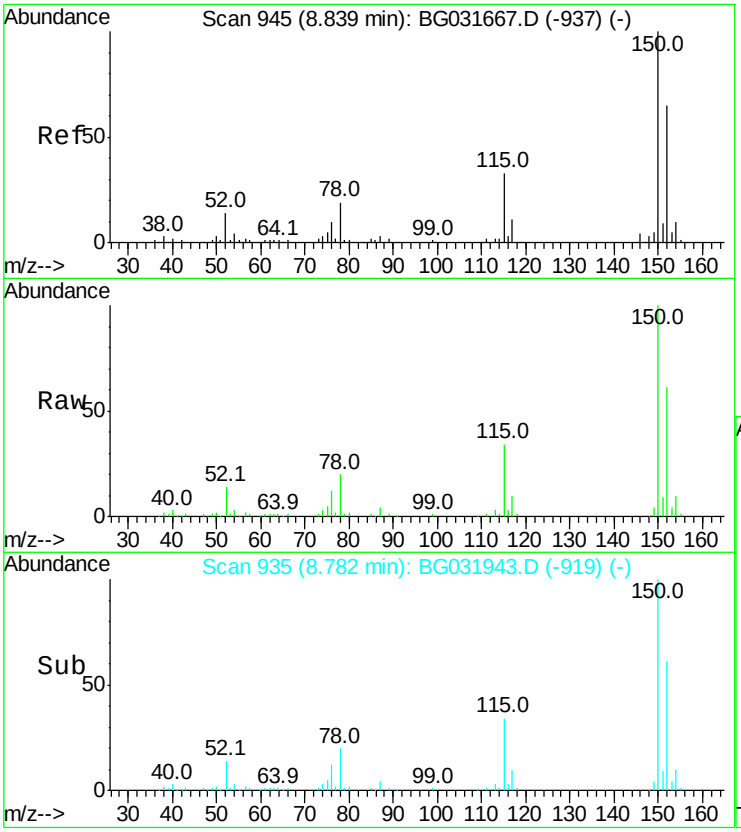


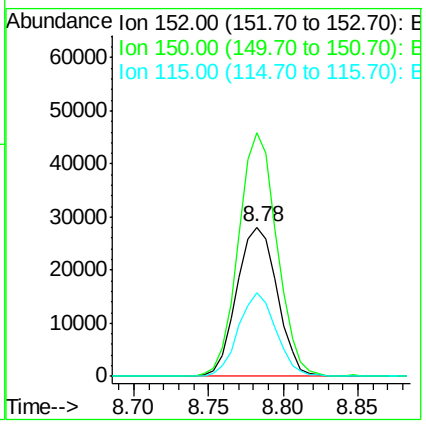


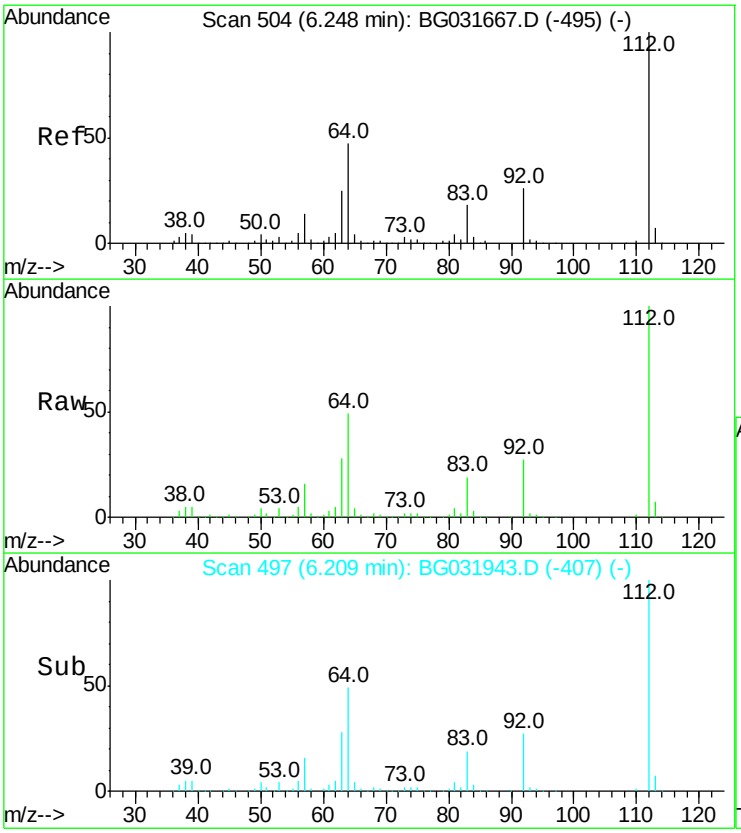
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG031943.D
Acq: 5 Jan 2018 21:37

Instrument :
BNA_G
ClientSampleId :
JC-03-010318-D

Tgt Ion:152 Resp: 52504

Ion	Ratio	Lower	Upper
152	100		
150	162.9	126.6	189.8
115	56.1	53.0	79.4

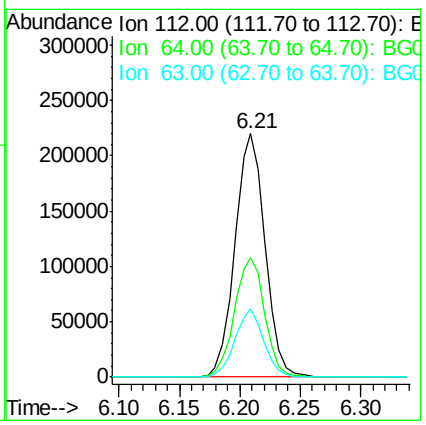


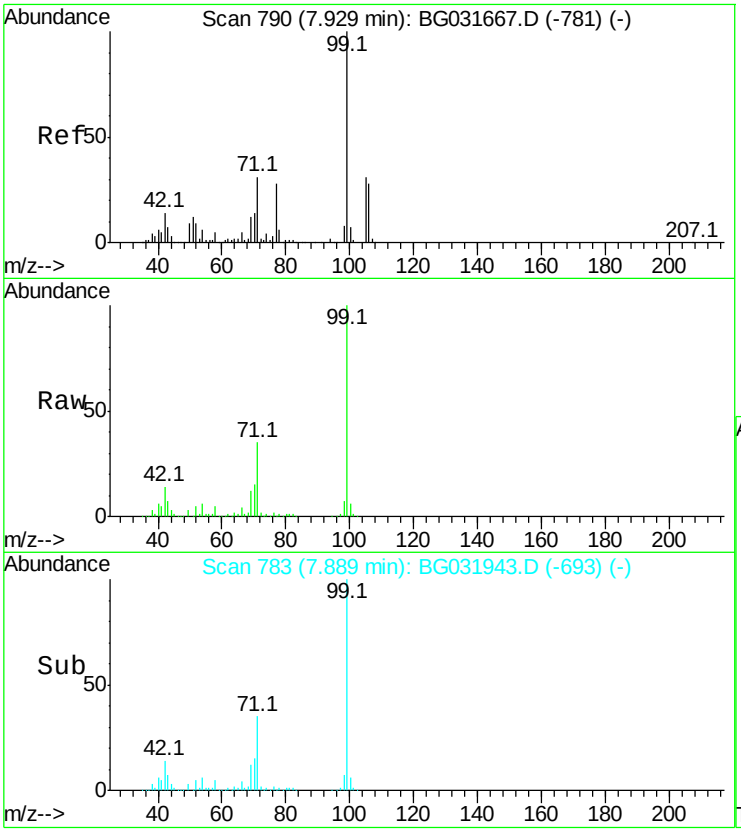


#5
2-Fluorophenol
Concen: 132.133 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.00 min
Lab File: BG031943.D
Acq: 5 Jan 2018 21:37

Tgt Ion:112 Resp: 380892

Ion	Ratio	Lower	Upper
112	100		
64	49.1	56.3	84.5#
63	28.1	30.1	45.1#



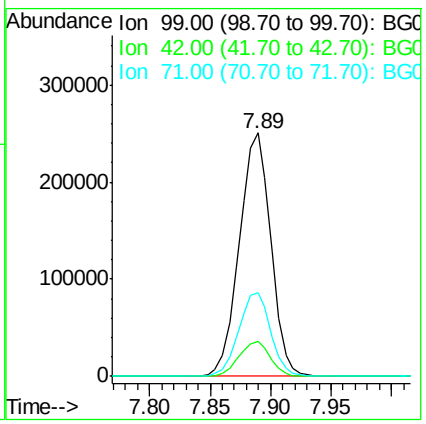


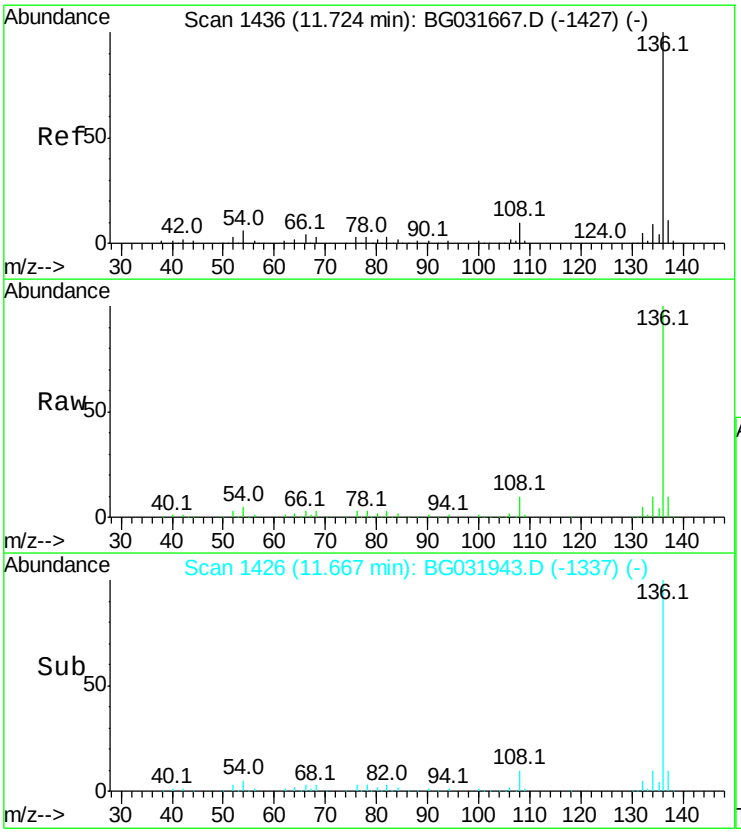
#7
Phenol-d6
Concen: 122.002 ng
RT: 7.89 min Scan# 783
Delta R.T. -0.00 min
Lab File: BG031943.D
Acq: 5 Jan 2018 21:37

Instrument :
BNA_G
ClientSampleId :
JC-03-010318-D

Tgt Ion: 99 Resp: 456609

Ion	Ratio	Lower	Upper
99	100		
42	14.4	14.1	21.1
71	34.6	26.1	39.1

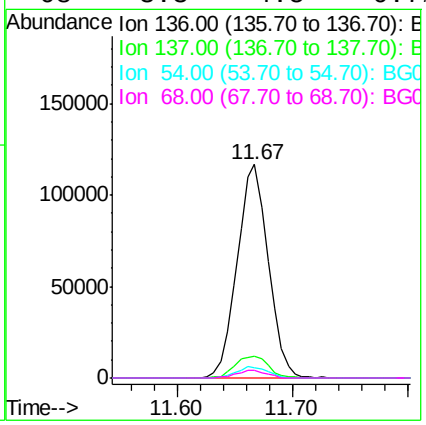


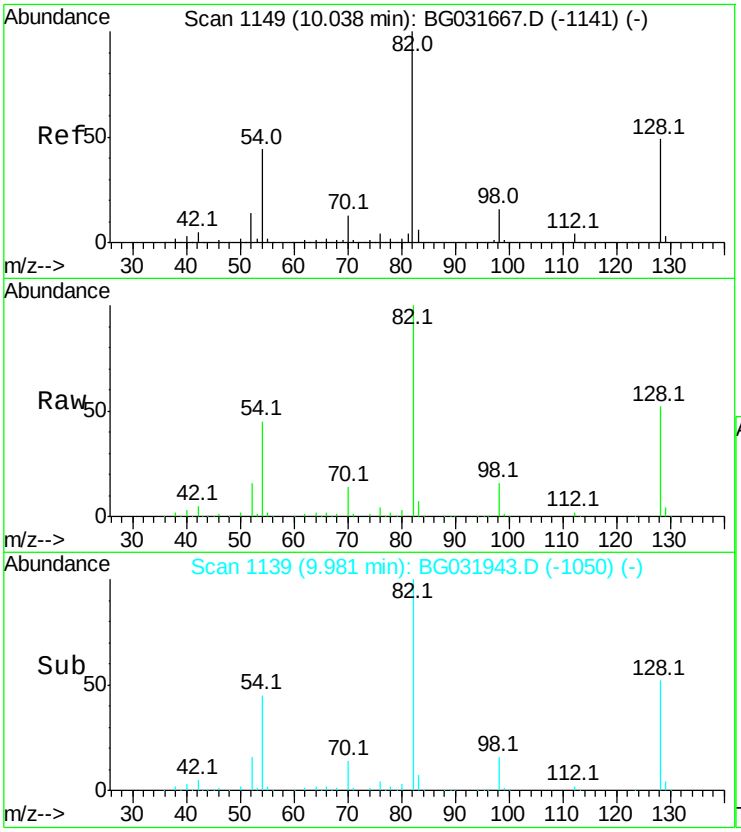


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BG031943.D
Acq: 5 Jan 2018 21:37

Tgt Ion:136 Resp: 217807

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	4.9	10.3	15.5#
68	3.3	4.5	6.7#



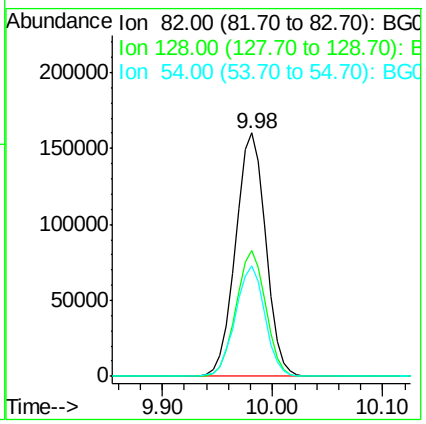


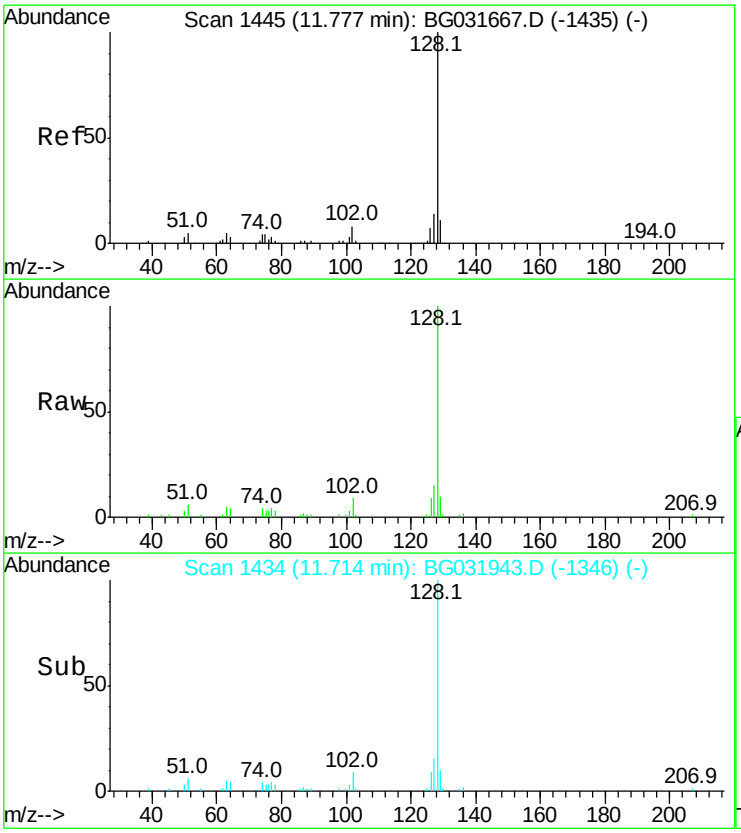
#23
Nitrobenzene-d5
Concen: 106.825 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG031943.D
Acq: 5 Jan 2018 21:37

Instrument :
BNA_G
ClientSampleId :
JC-03-010318-D

Tgt Ion: 82 Resp: 308125

Ion	Ratio	Lower	Upper
82	100		
128	51.5	29.7	44.5#
54	45.4	43.1	64.7

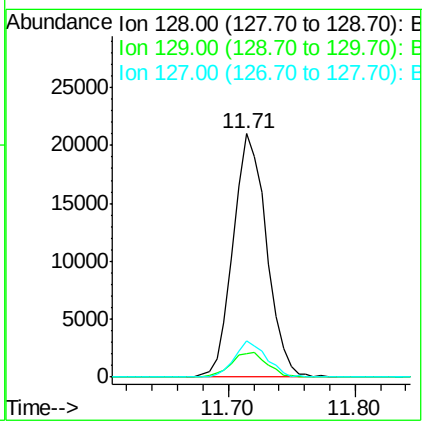


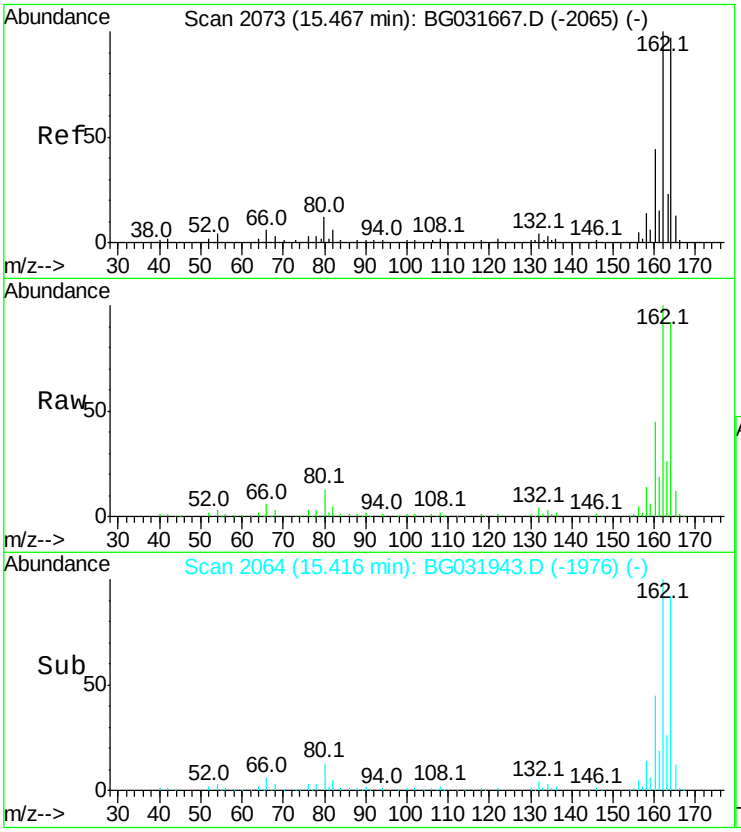


#31
Naphthalene
Concen: 3.490 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031943.D
Acq: 5 Jan 2018 21:37

Tgt Ion:128 Resp: 38359

Ion	Ratio	Lower	Upper
128	100		
129	9.8	8.6	12.8
127	15.1	11.6	17.4



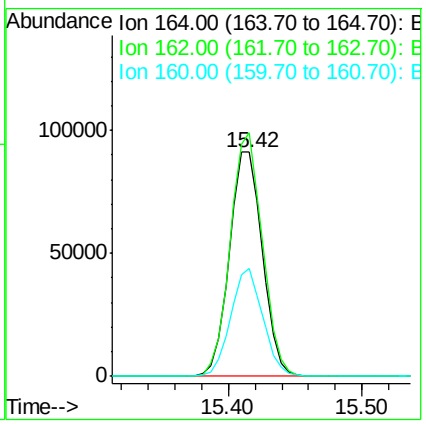


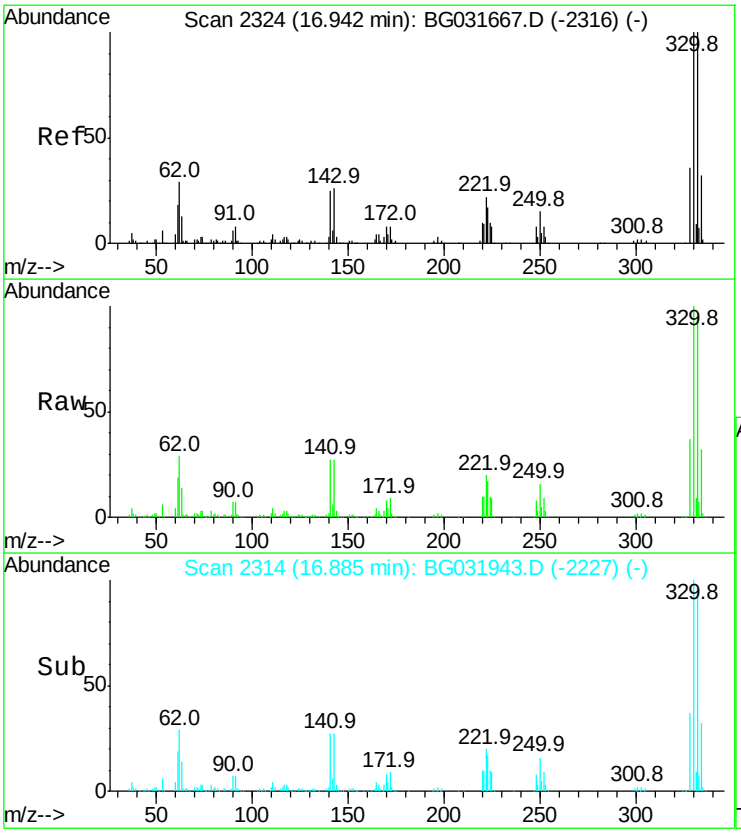
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.42 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BG031943.D
Acq: 5 Jan 2018 21:37

Instrument :
BNA_G
ClientSampleId :
JC-03-010318-D

Tgt Ion:164 Resp: 156535

Ion	Ratio	Lower	Upper
164	100		
162	108.5	78.8	118.2
160	48.4	35.4	53.0

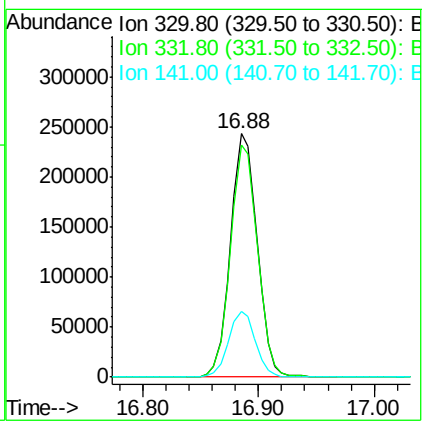


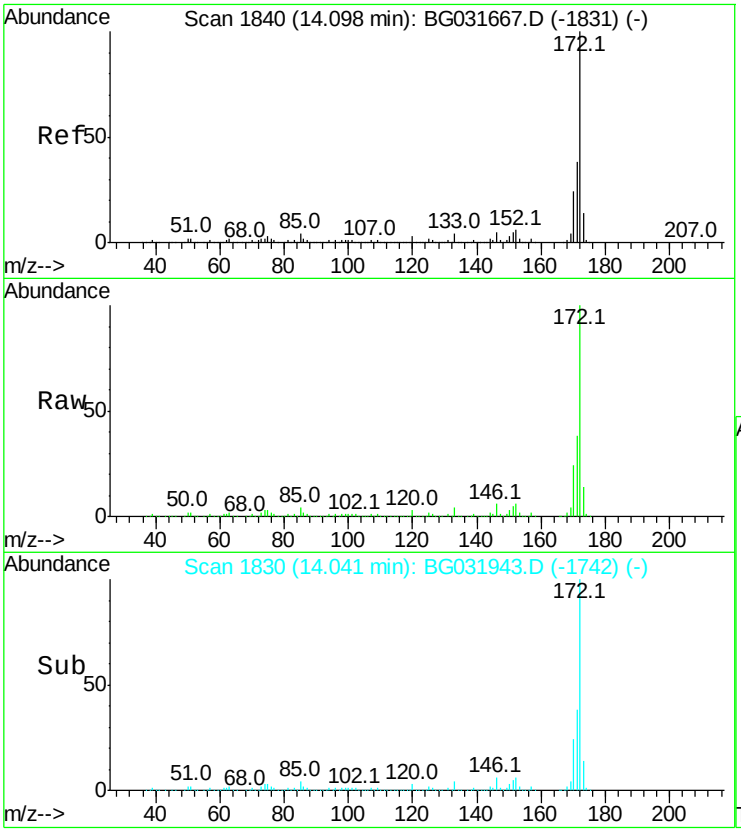


#41
2,4,6-Tribromophenol
Concen: 163.680 ng
RT: 16.88 min Scan# 2314
Delta R.T. -0.02 min
Lab File: BG031943.D
Acq: 5 Jan 2018 21:37

Tgt Ion:330 Resp: 390951

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	27.2	25.2	37.8



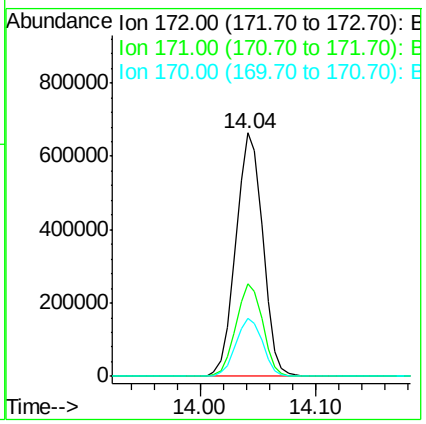


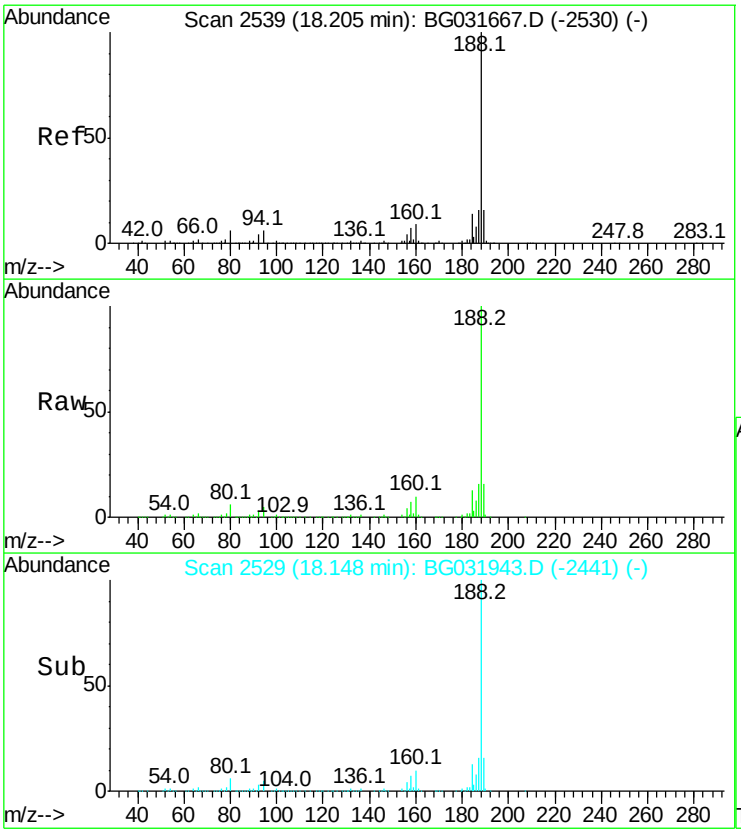
#44
2-Fluorobiphenyl
Concen: 85.896 ng
RT: 14.04 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BG031943.D
Acq: 5 Jan 2018 21:37

Instrument :
BNA_G
ClientSampleId :
JC-03-010318-D

Tgt Ion:172 Resp: 1071263

Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	23.7	19.5	29.3

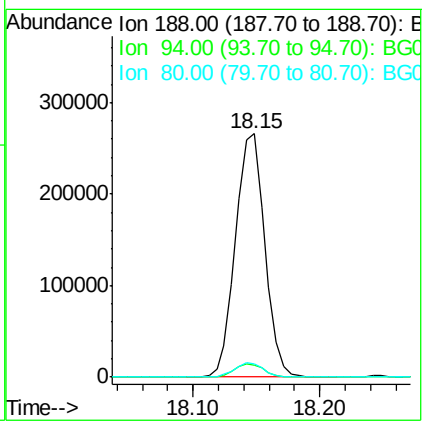


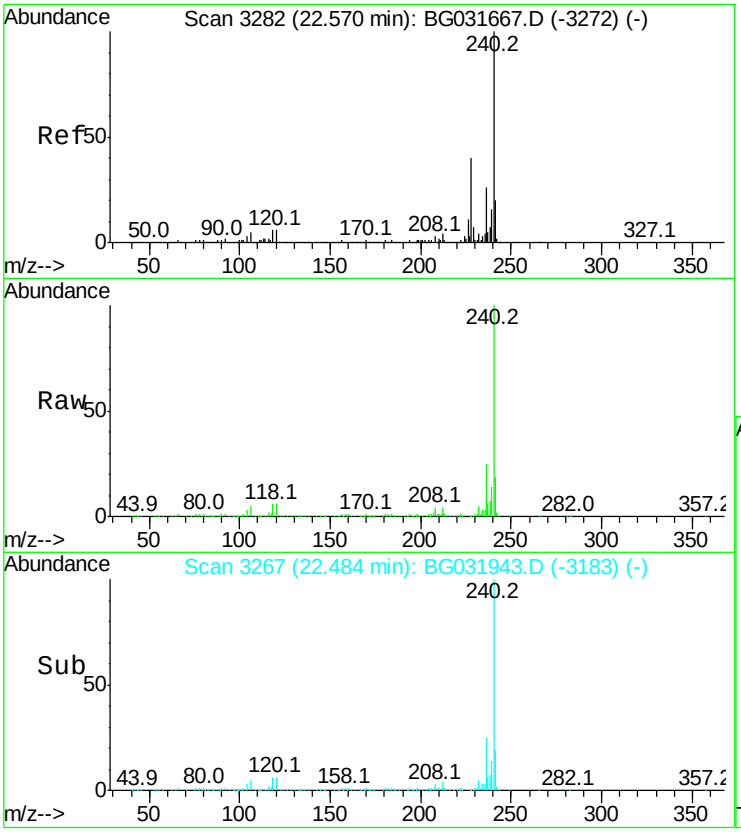


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BG031943.D
Acq: 5 Jan 2018 21:37

Tgt Ion:188 Resp: 425981

Ion	Ratio	Lower	Upper
188	100		
94	4.9	6.9	10.3#
80	5.6	7.7	11.5#



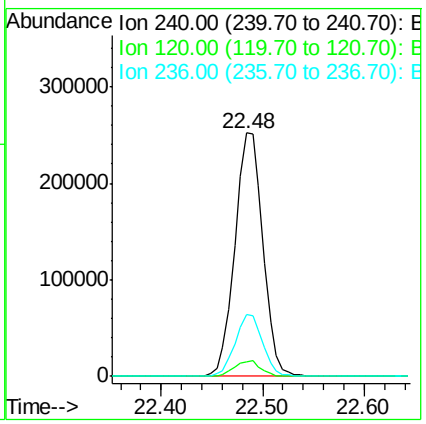


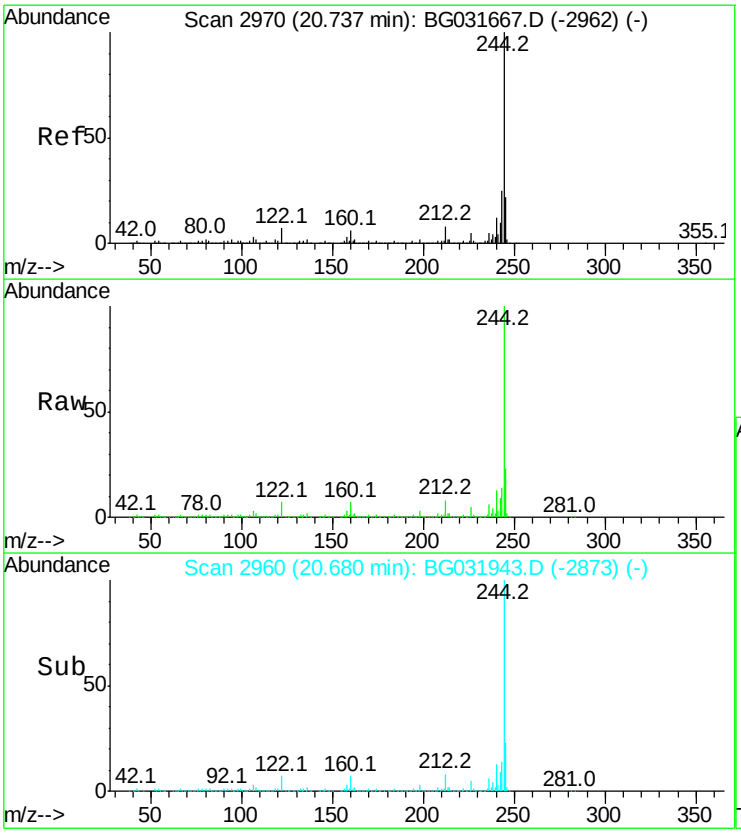
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.48 min Scan# 3267
Delta R.T. -0.04 min
Lab File: BG031943.D
Acq: 5 Jan 2018 21:37

Instrument :
BNA_G
ClientSampleId :
JC-03-010318-D

Tgt Ion:240 Resp: 483477

Ion	Ratio	Lower	Upper
240	100		
120	5.8	6.8	10.2#
236	25.4	20.9	31.3

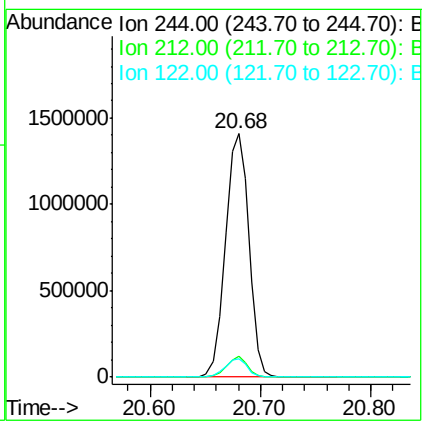


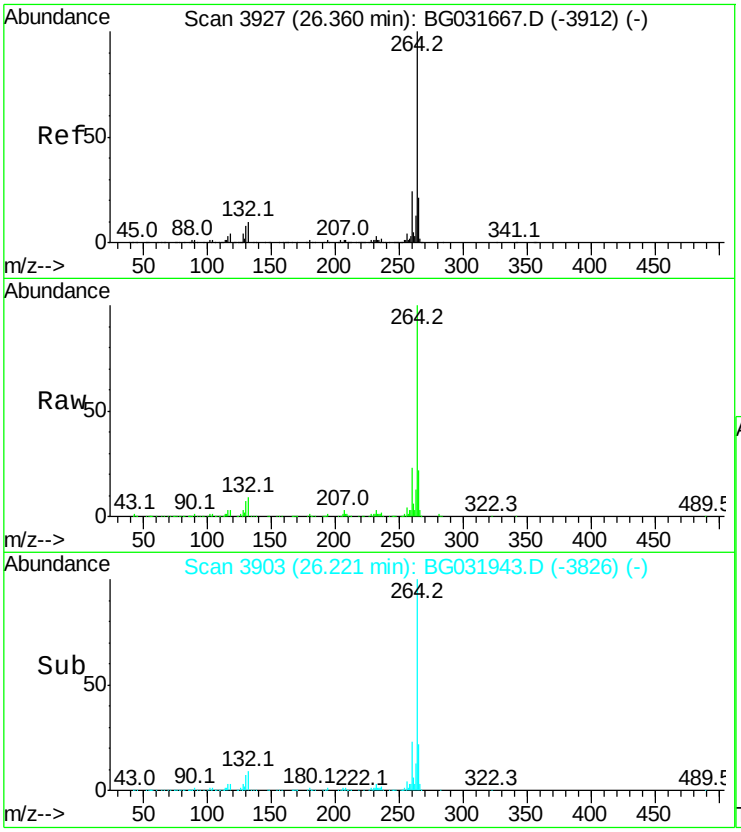


#78
Terphenyl-d14
Concen: 98.918 ng
RT: 20.68 min Scan# 2960
Delta R.T. -0.02 min
Lab File: BG031943.D
Acq: 5 Jan 2018 21:37

Tgt Ion:244 Resp: 2093292

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	7.3	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.22 min Scan# 3903
Delta R.T. -0.08 min
Lab File: BG031943.D
Acq: 5 Jan 2018 21:37

Instrument :
BNA_G
ClientSampleId :
JC-03-010318-D

Tgt Ion:264 Resp: 478879

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	22.4	17.7	26.5