Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
Data File : BG035983.D
Acq On : 30 Jul 2018 19:34
Operator : JU/SJ
Sample : PB111568BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111568BL

Quant Time: Jul 31 01:31:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	36567	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	133377	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	101393	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	311903	20.00	ng	0.00
75) Chrysene-d12	21.65	240	347061	20.00	ng	0.00
86) Perylene-d12	24.85	264	316540	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	195016	88.54	ng	0.00
7) Phenol-d6	7.19	99	285546	86.89	ng	0.00
23) Nitrobenzene-d5	9.19	82	276260	86.53	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	116965	87.52	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	690838	91.28	ng	0.00
78) Terphenyl-d14	20.00	244	1331935	84.60	ng	0.00
Target Compounds						Qvalue

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

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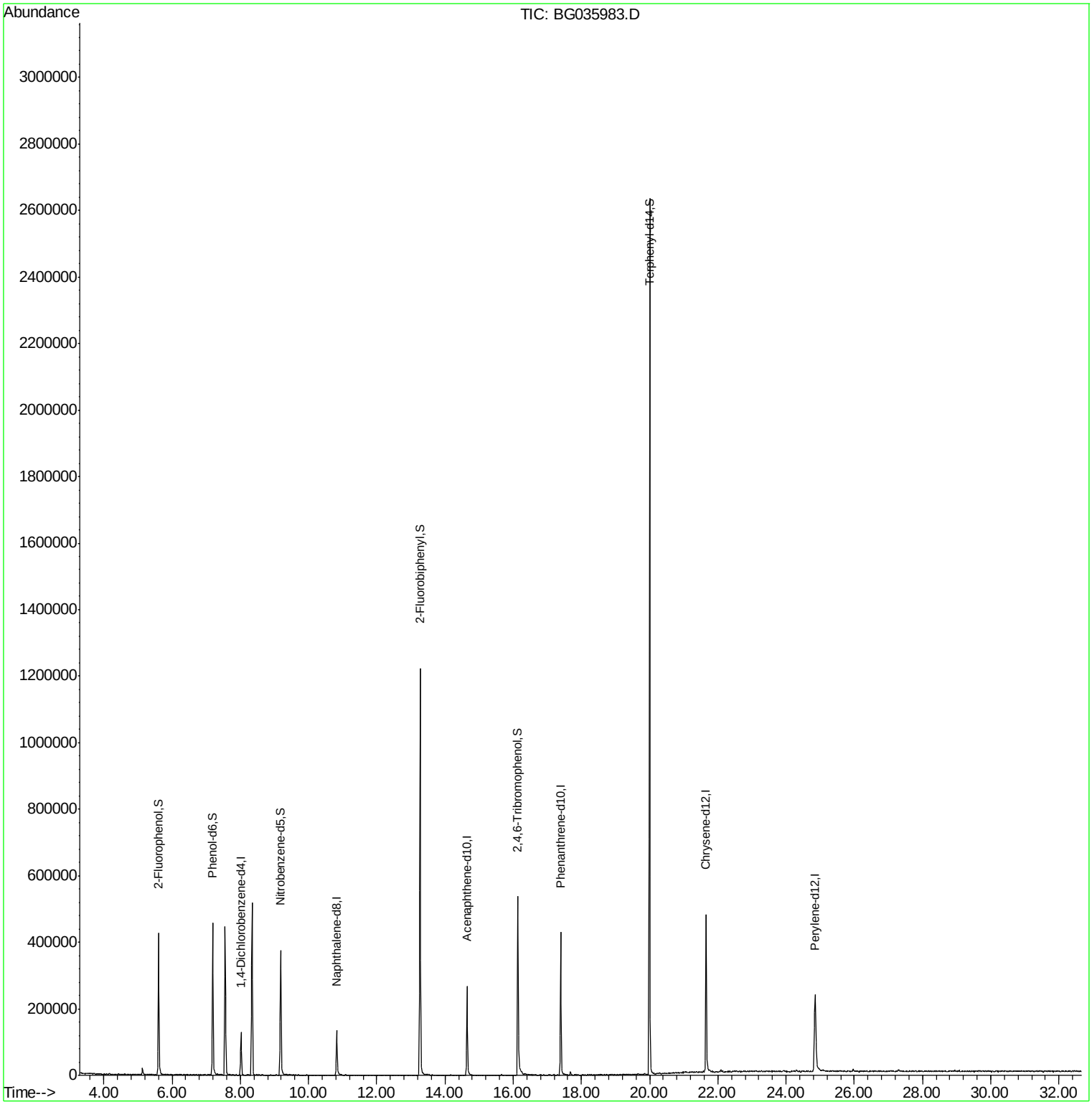
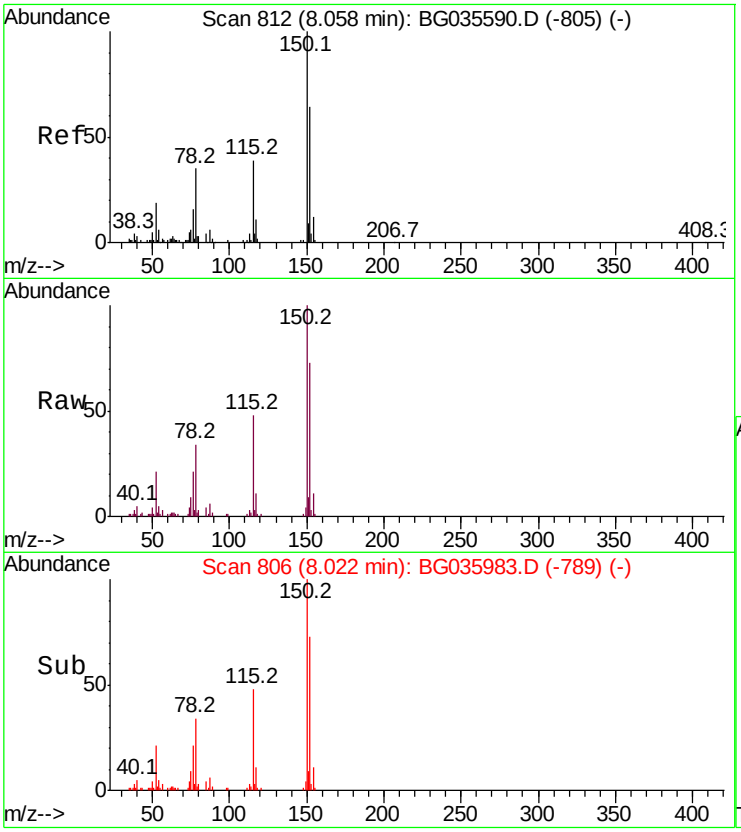


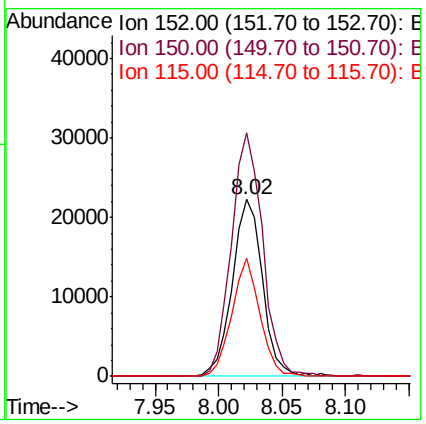


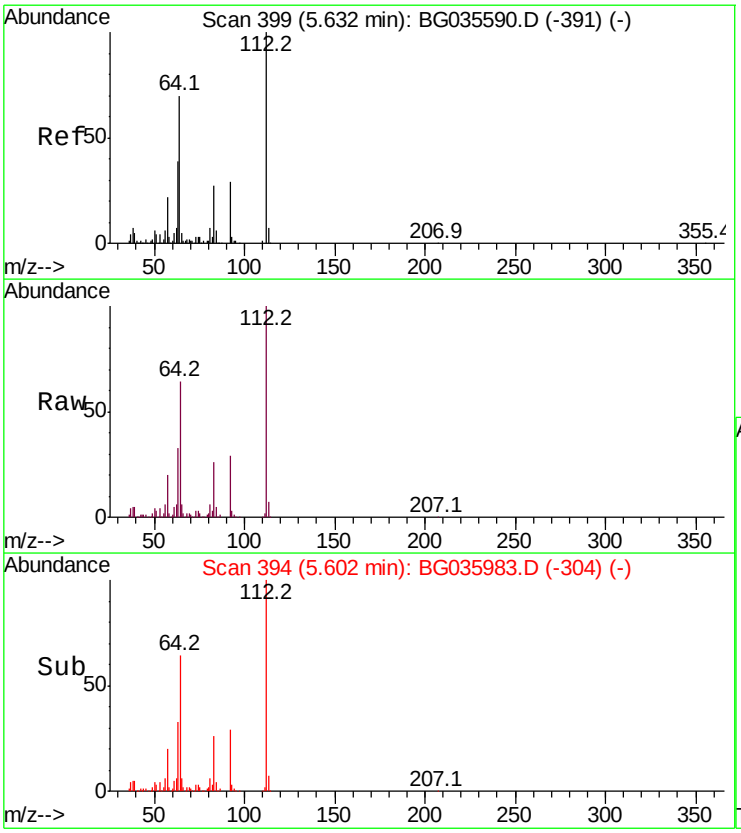
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035983.D
Acq: 30 Jul 2018 19:34

Instrument :
BNA_G
ClientSampleId :
PB111568BL

Tgt Ion:152 Resp: 36567

Ion	Ratio	Lower	Upper
152	100		
150	137.8	126.6	189.8
115	66.6	53.0	79.4

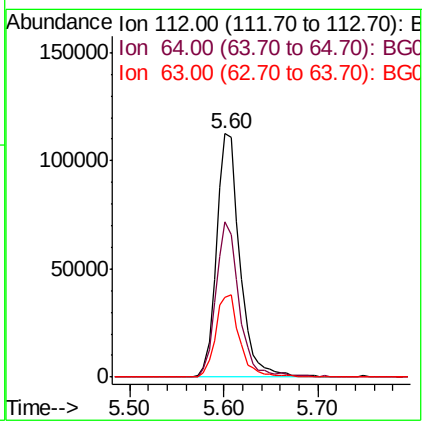


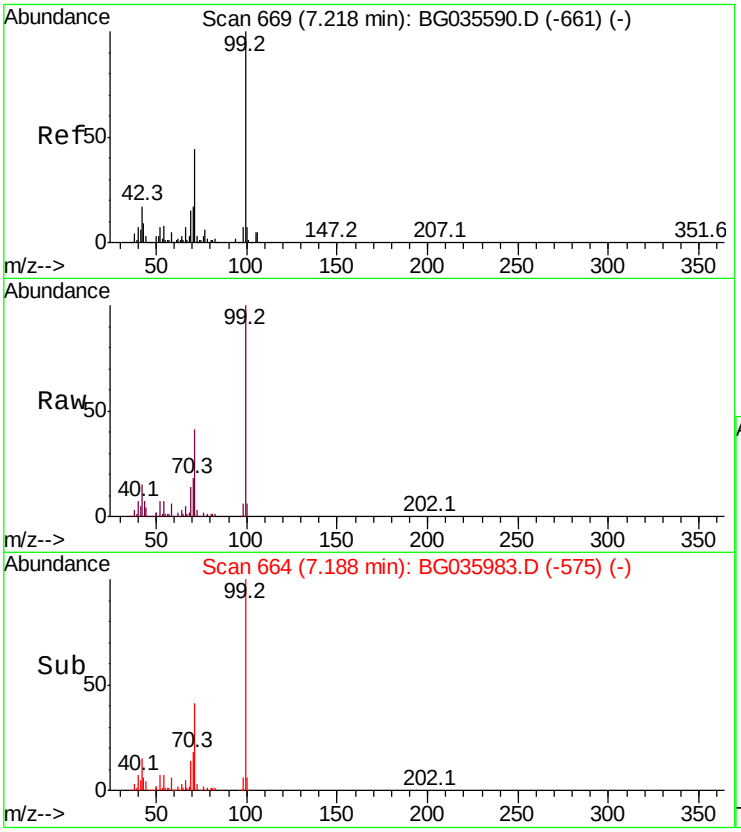


#5
2-Fluorophenol
Concen: 88.542 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG035983.D
Acq: 30 Jul 2018 19:34

Tgt Ion:112 Resp: 195016

Ion	Ratio	Lower	Upper
112	100		
64	63.7	56.3	84.5
63	32.7	30.1	45.1



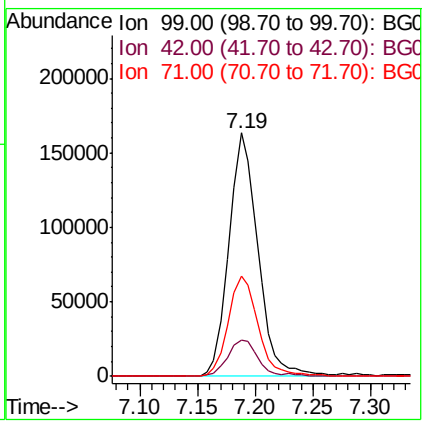


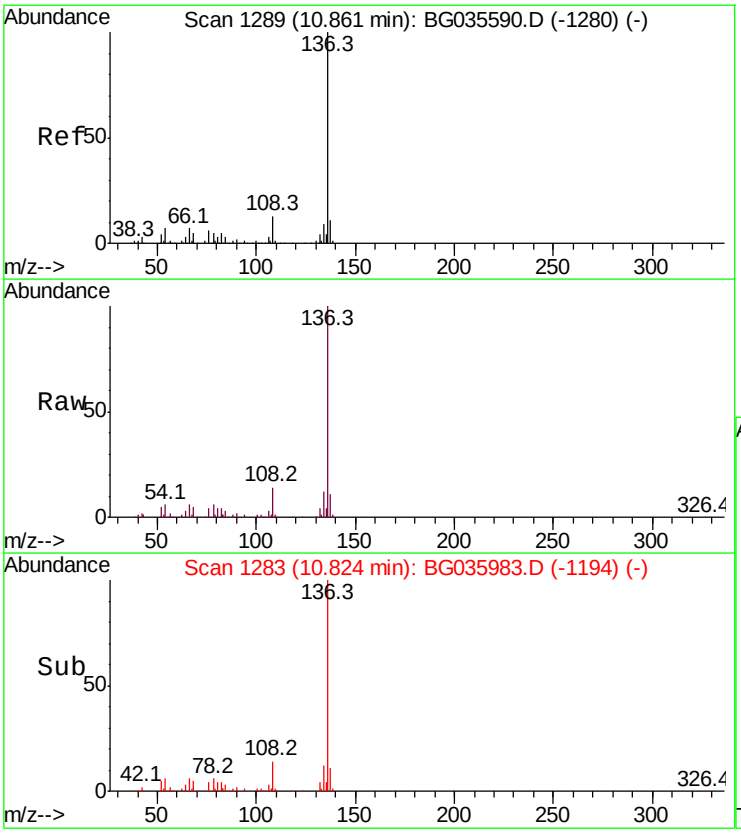
#7
Phenol-d6
Concen: 86.894 ng
RT: 7.19 min Scan# 664
Delta R.T. -0.01 min
Lab File: BG035983.D
Acq: 30 Jul 2018 19:34

Instrument :
BNA_G
ClientSampleId :
PB111568BL

Tgt Ion: 99 Resp: 285546

Ion	Ratio	Lower	Upper
99	100		
42	14.9	14.1	21.1
71	41.1	26.1	39.1#

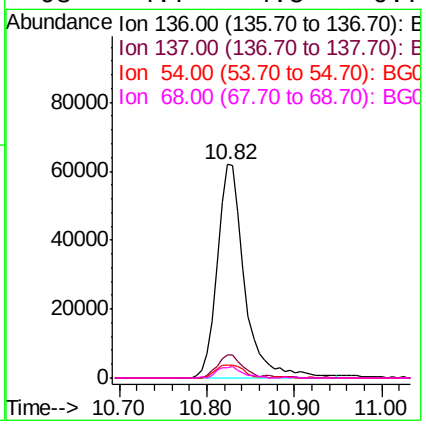


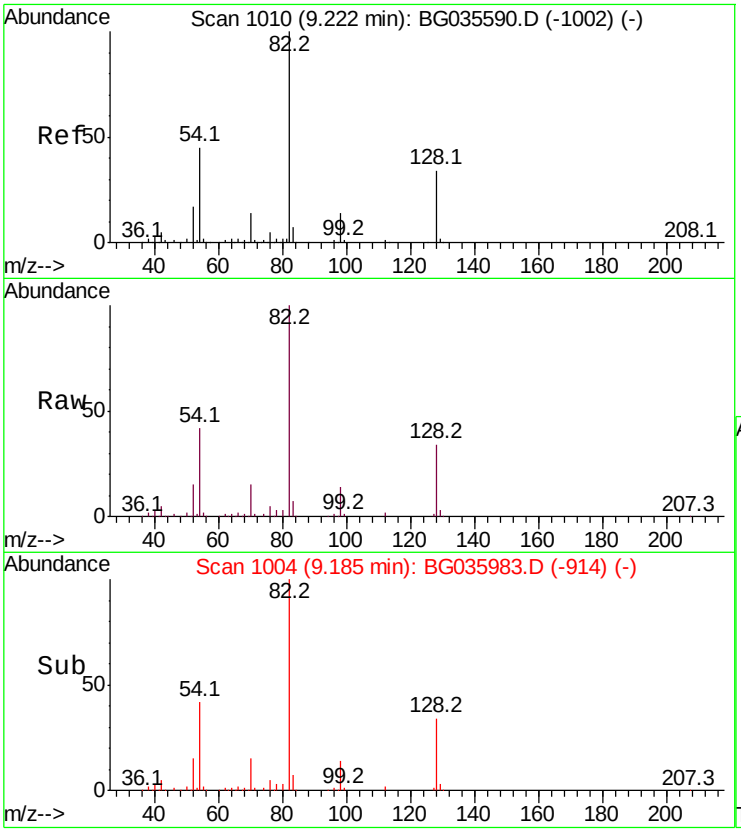


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG035983.D
Acq: 30 Jul 2018 19:34

Tgt Ion:136 Resp: 133377

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	6.3	10.3	15.5#
68	4.7	4.5	6.7



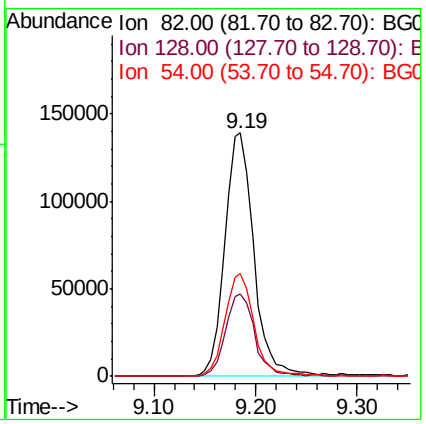


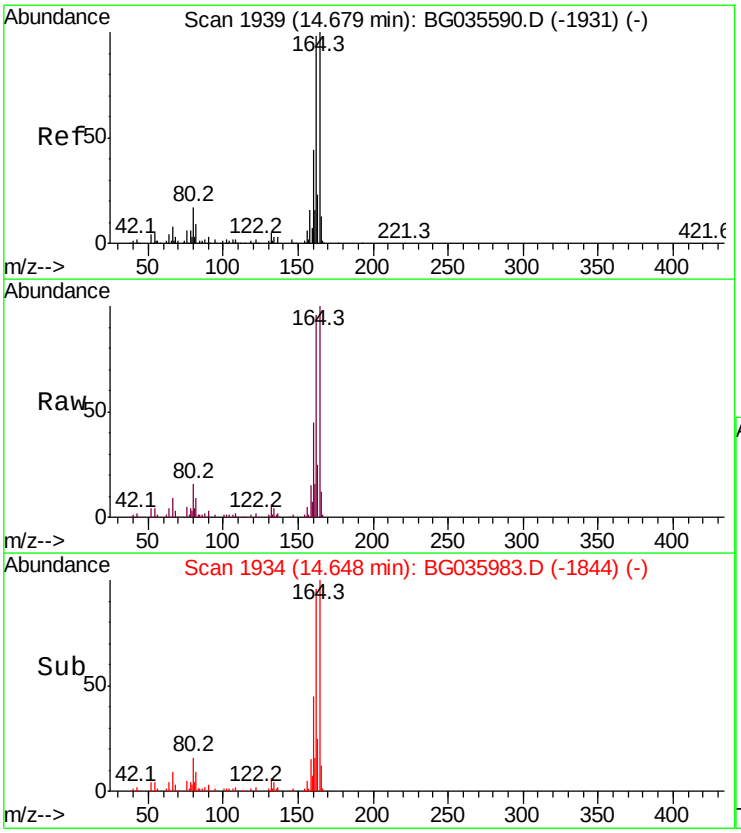
#23
Nitrobenzene-d5
Concen: 86.527 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035983.D
Acq: 30 Jul 2018 19:34

Instrument :
BNA_G
ClientSampleId :
PB111568BL

Tgt Ion: 82 Resp: 276260

Ion	Ratio	Lower	Upper
82	100		
128	34.1	29.7	44.5
54	42.2	43.1	64.7#

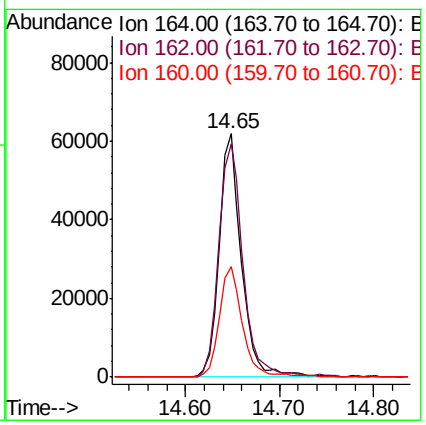


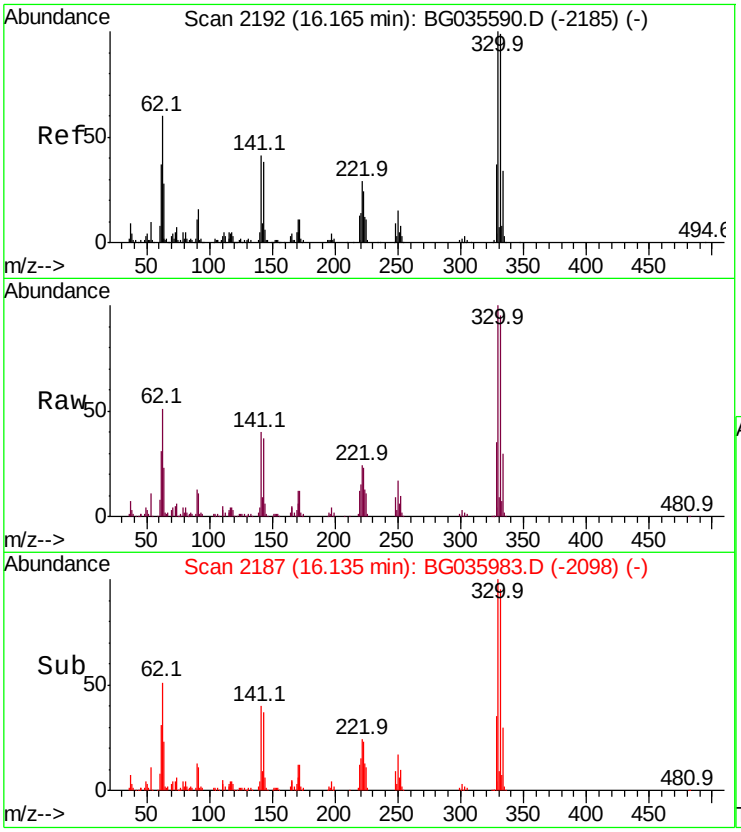


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG035983.D
Acq: 30 Jul 2018 19:34

Tgt Ion:164 Resp: 101393

Ion	Ratio	Lower	Upper
164	100		
162	95.8	78.8	118.2
160	45.1	35.4	53.0



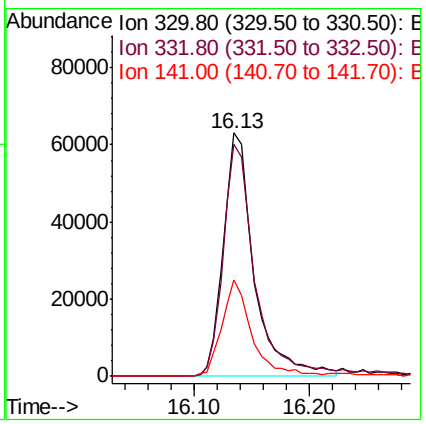


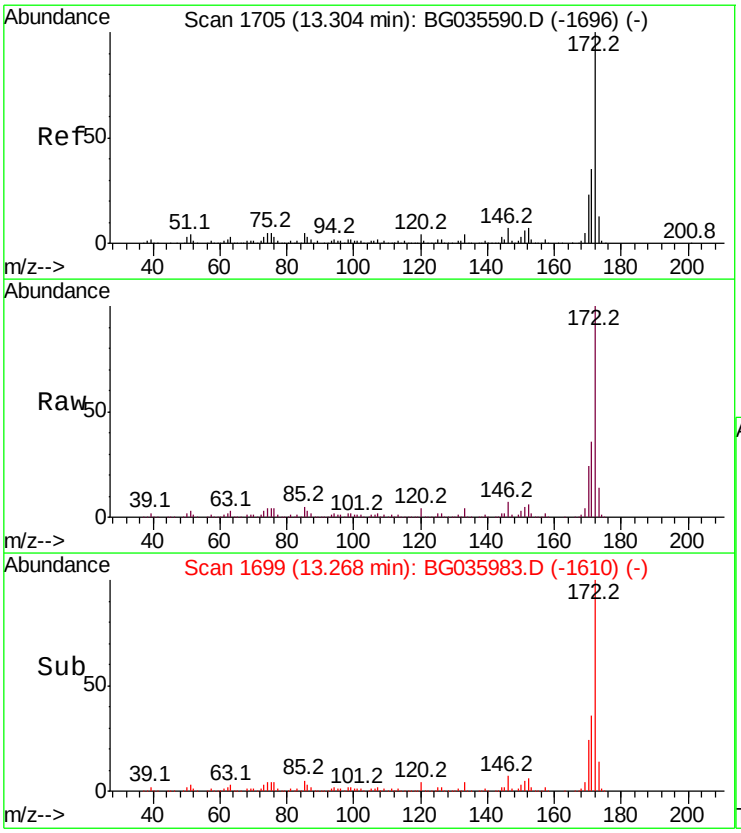
#41
2,4,6-Tribromophenol
Concen: 87.521 ng
RT: 16.13 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG035983.D
Acq: 30 Jul 2018 19:34

Instrument :
BNA_G
ClientSampleId :
PB111568BL

Tgt Ion:330 Resp: 116965

Ion	Ratio	Lower	Upper
330	100		
332	100.9	77.0	115.6
141	38.4	25.2	37.8#

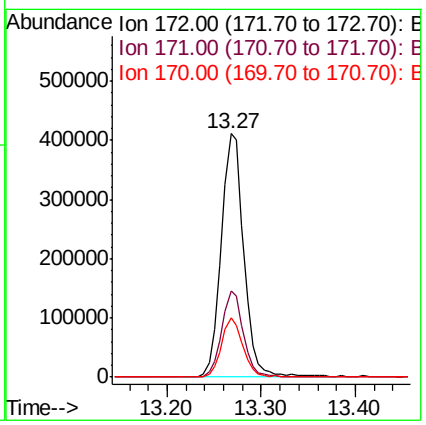


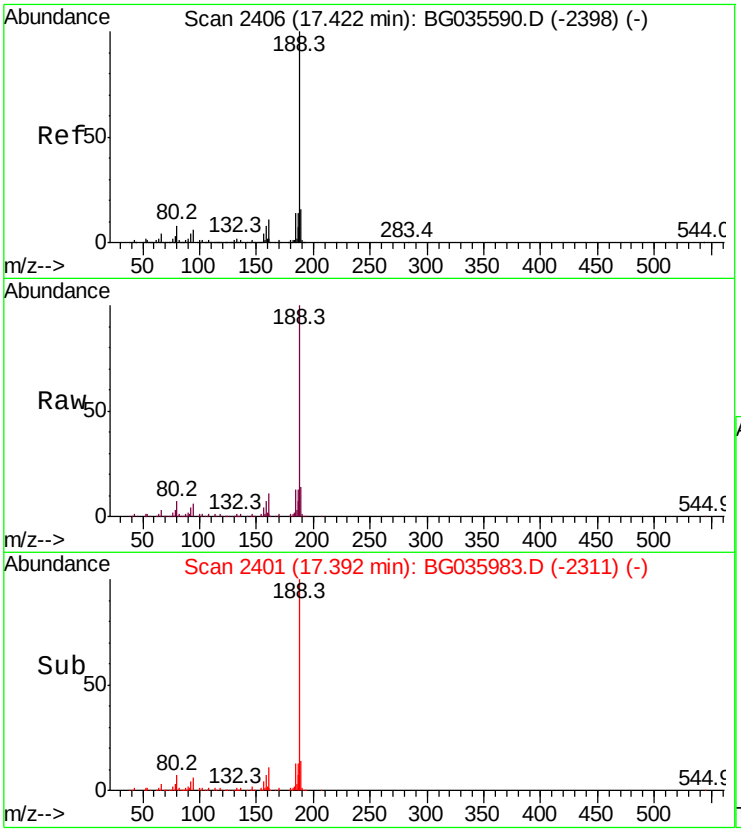


#44
2-Fluorobiphenyl
Concen: 91.283 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG035983.D
Acq: 30 Jul 2018 19:34

Tgt Ion:172 Resp: 690838

Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.0	45.0
170	24.3	19.5	29.3



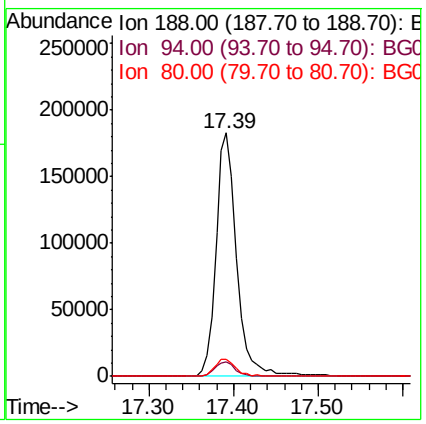


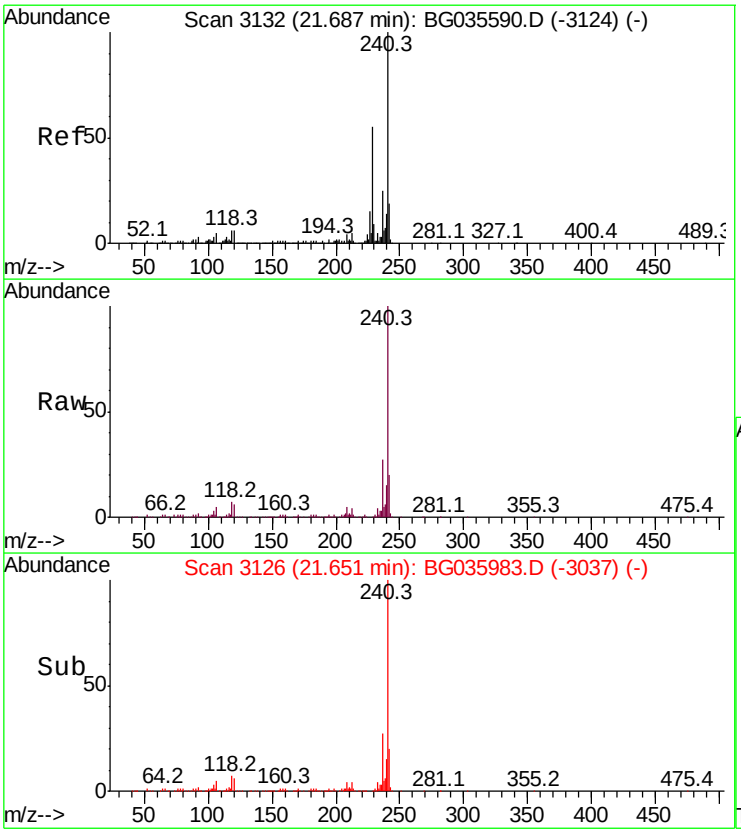
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035983.D
Acq: 30 Jul 2018 19:34

Instrument :
BNA_G
ClientSampleId :
PB111568BL

Tgt Ion:188 Resp: 311903

Ion	Ratio	Lower	Upper
188	100		
94	5.8	6.9	10.3#
80	7.0	7.7	11.5#

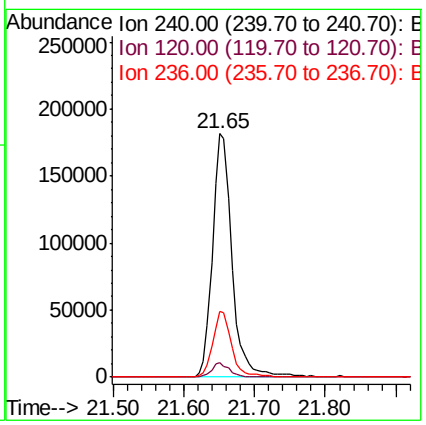


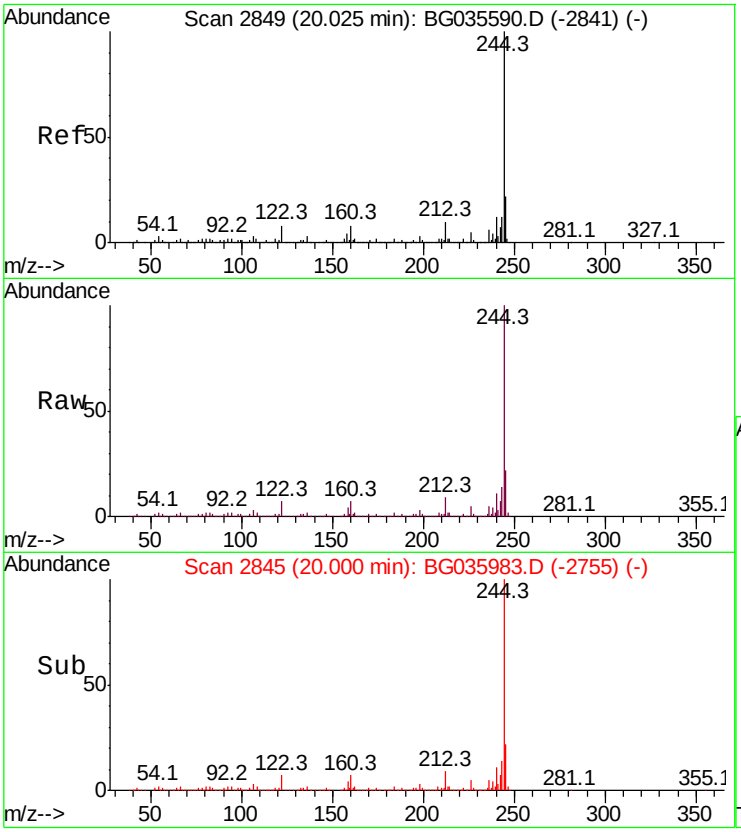


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG035983.D
Acq: 30 Jul 2018 19:34

Tgt Ion:240 Resp: 347061

Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.8	10.2#
236	27.0	20.9	31.3



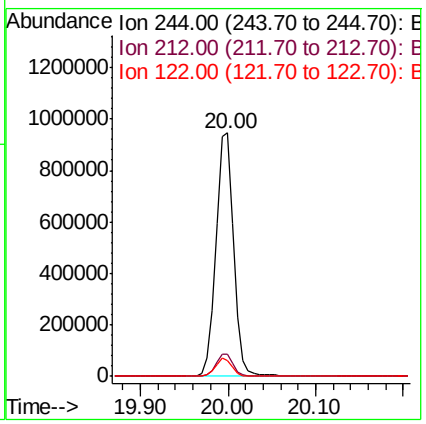


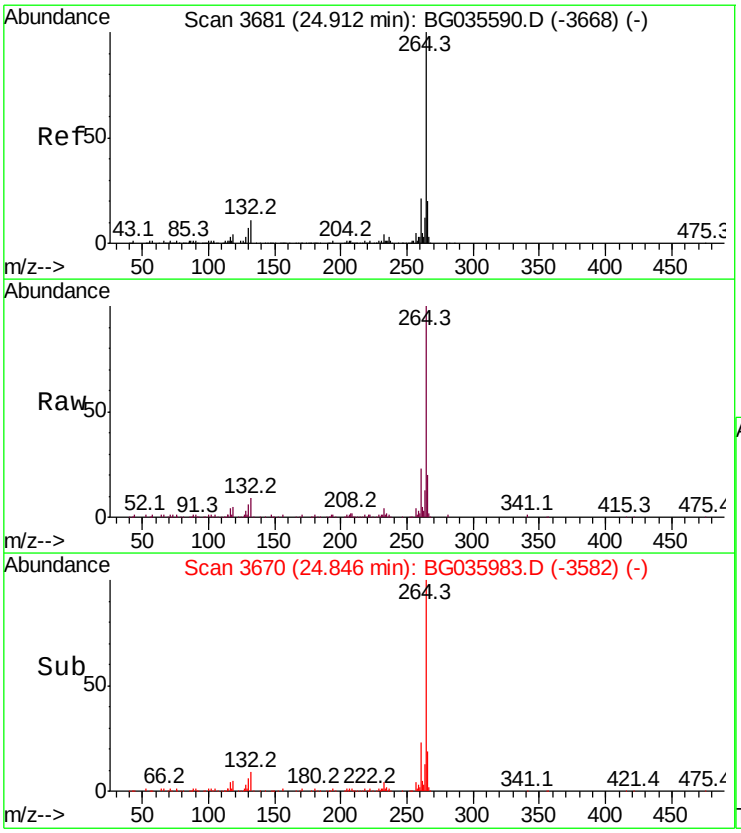
#78
Terphenyl-d14
Concen: 84.596 ng
RT: 20.00 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BG035983.D
Acq: 30 Jul 2018 19:34

Instrument :
BNA_G
ClientSampleId :
PB111568BL

Tgt Ion:244 Resp: 1331935

Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.8	8.8#
122	6.7	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BG035983.D
Acq: 30 Jul 2018 19:34

Tgt Ion:264 Resp: 316540

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	19.5	17.7	26.5