Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072018\
Data File : BG035813.D
Acq On : 21 Jul 2018 10:23
Operator : JU/SJ
Sample : J4062-42
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-10

Quant Time: Jul 23 01:50:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 15:28:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	51472	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	177329	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	124245	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	341938	20.00	ng	0.00
75) Chrysene-d12	21.65	240	384456	20.00	ng	0.00
86) Perylene-d12	24.86	264	364832	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	392638	126.65	ng	0.00
7) Phenol-d6	7.20	99	489302	105.78	ng	0.00
23) Nitrobenzene-d5	9.19	82	400391	94.32	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	250368	152.88	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	908810	98.00	ng	0.00
78) Terphenyl-d14	20.00	244	1739327	99.73	ng	0.00
Target Compounds						Qvalue

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

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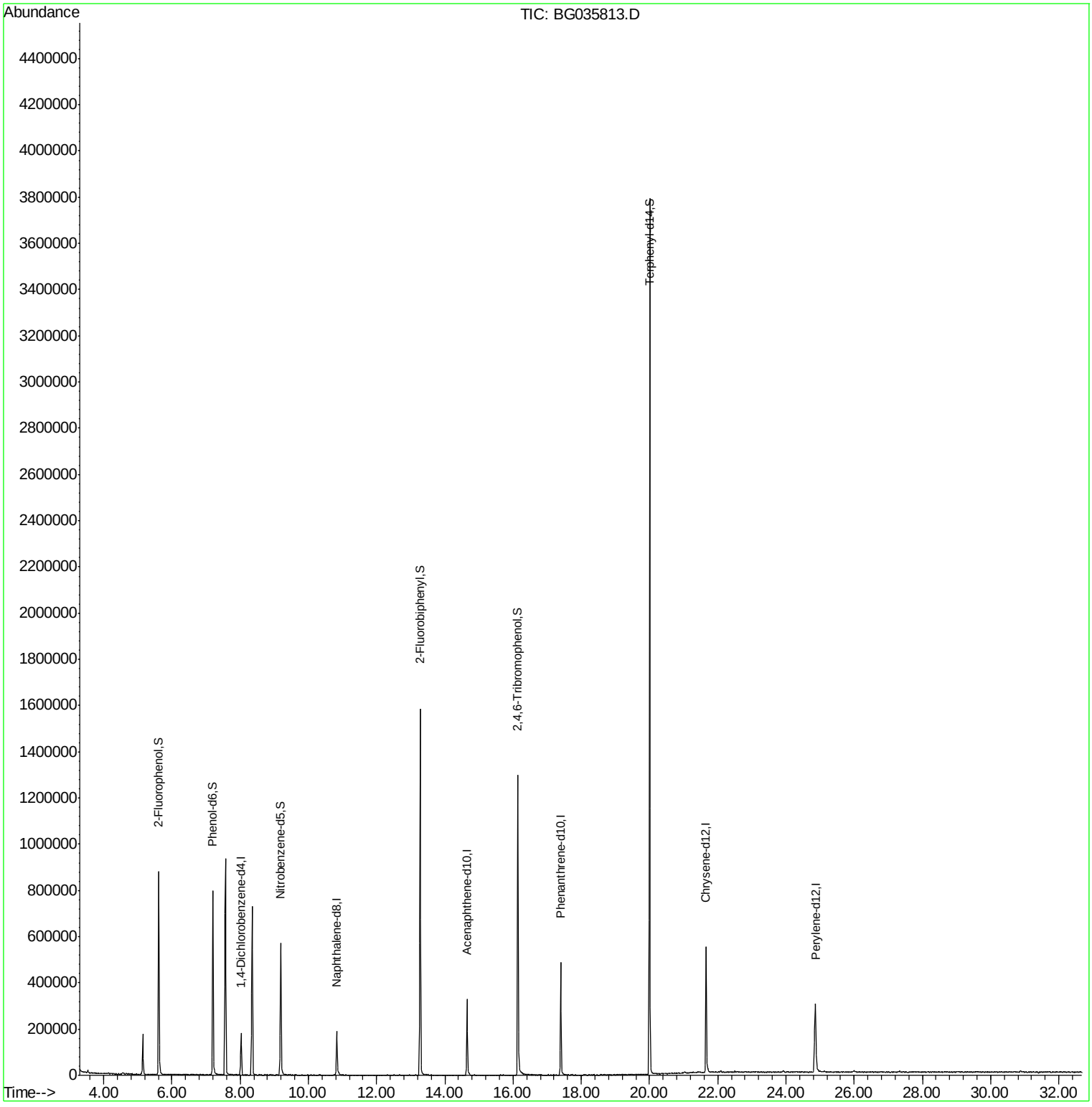
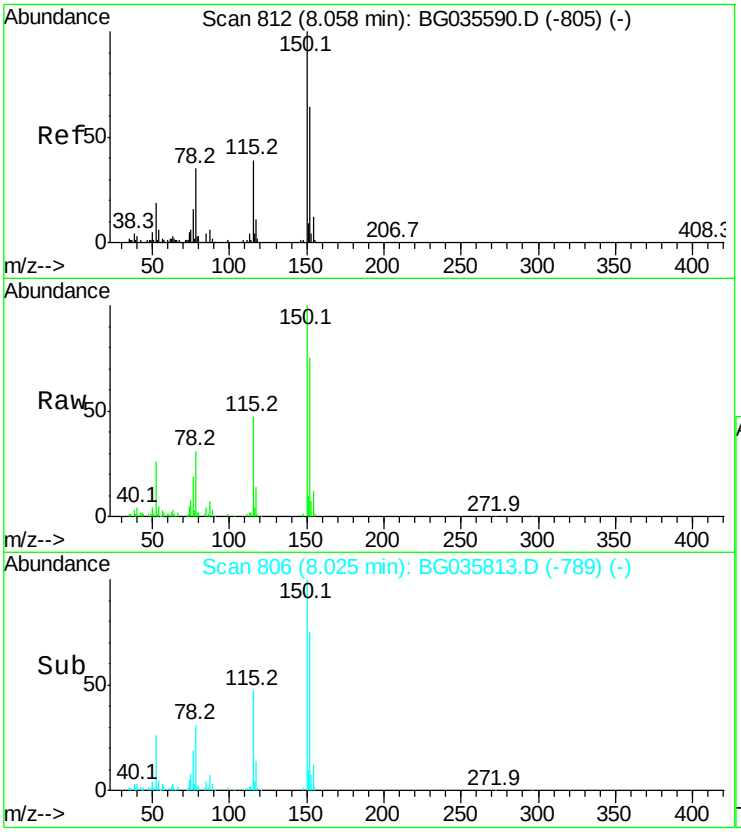


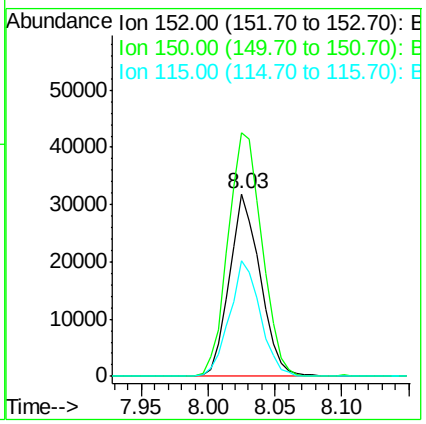


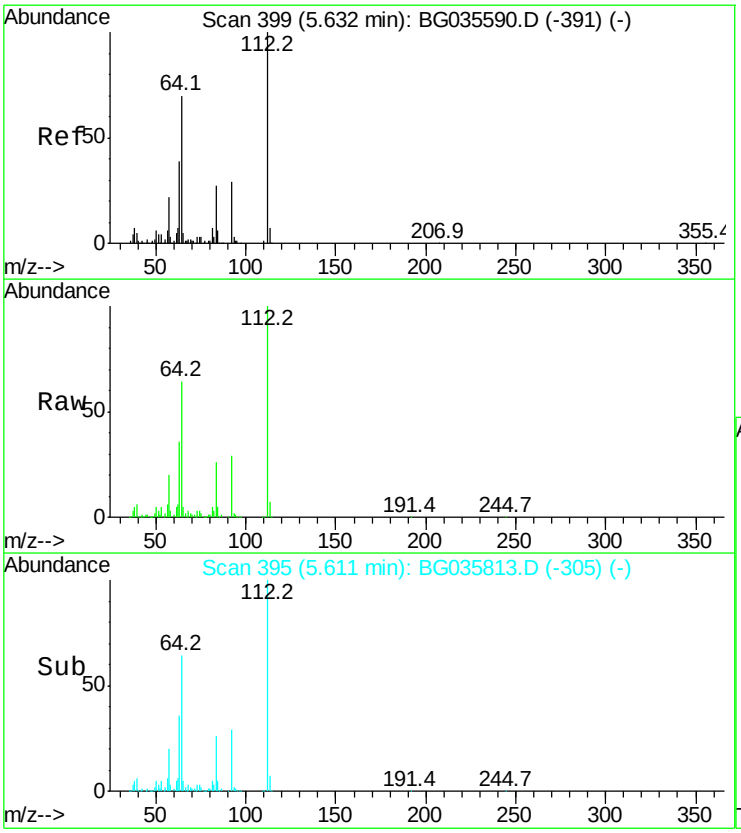
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035813.D
Acq: 21 Jul 2018 10:23

Instrument :
BNA_G
ClientSampleId :
TP-10

Tgt Ion:152 Resp: 51472

Ion	Ratio	Lower	Upper
152	100		
150	133.4	126.6	189.8
115	63.2	53.0	79.4

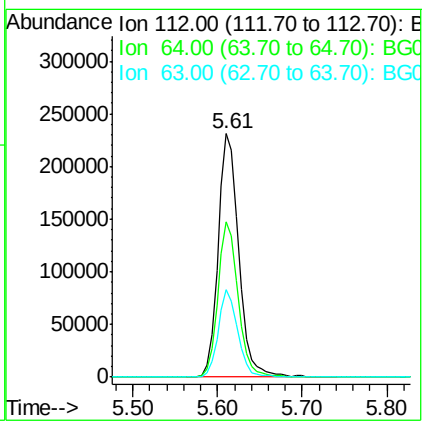




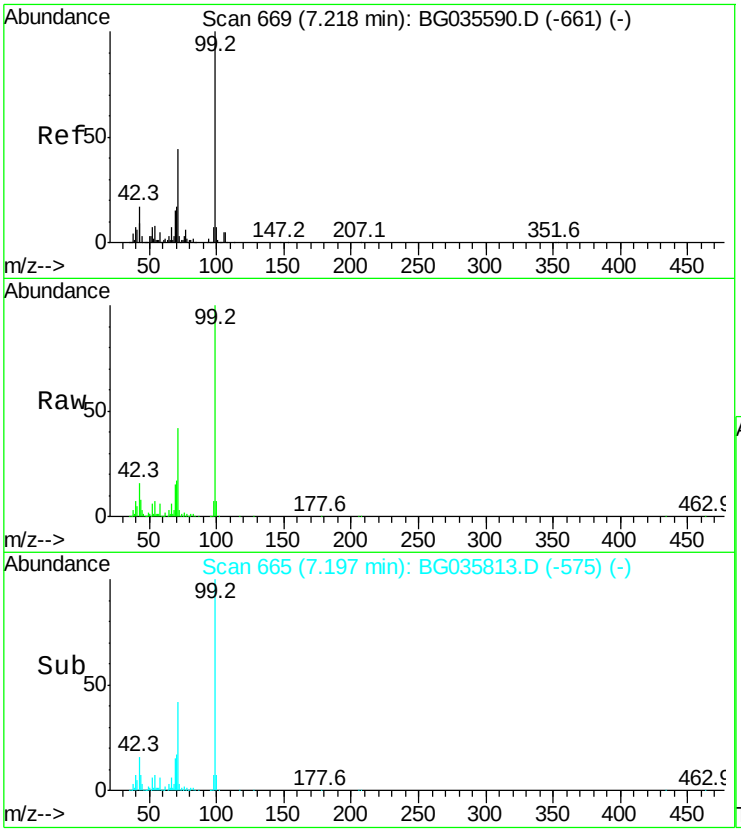
#5
2-Fluorophenol
Concen: 126.646 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG035813.D
Acq: 21 Jul 2018 10:23

Tgt Ion:112 Resp: 392638

Ion	Ratio	Lower	Upper
112	100		
64	64.0	56.3	84.5
63	35.7	30.1	45.1



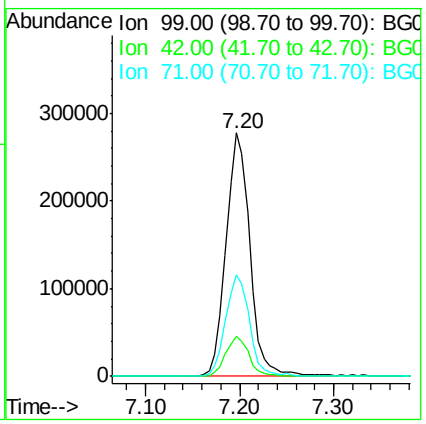
Instrument :
BNA_G
ClientSampleId :
TP-10

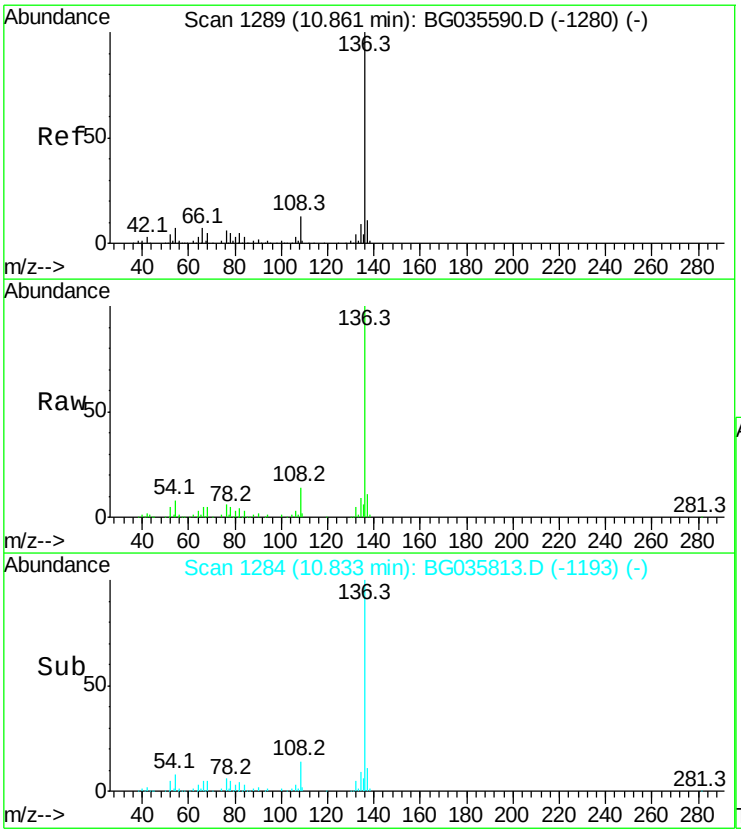


#7
Phenol-d6
Concen: 105.782 ng
RT: 7.20 min Scan# 665
Delta R.T. -0.00 min
Lab File: BG035813.D
Acq: 21 Jul 2018 10:23

Tgt Ion: 99 Resp: 489302

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.1	21.1
71	42.0	26.1	39.1#

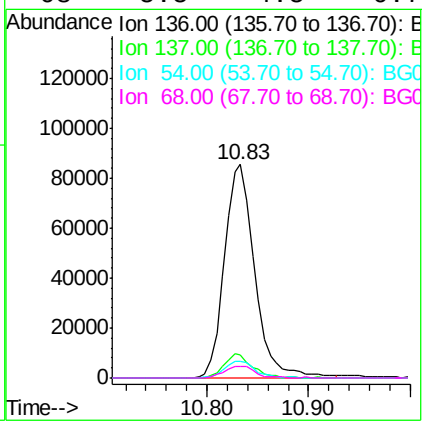


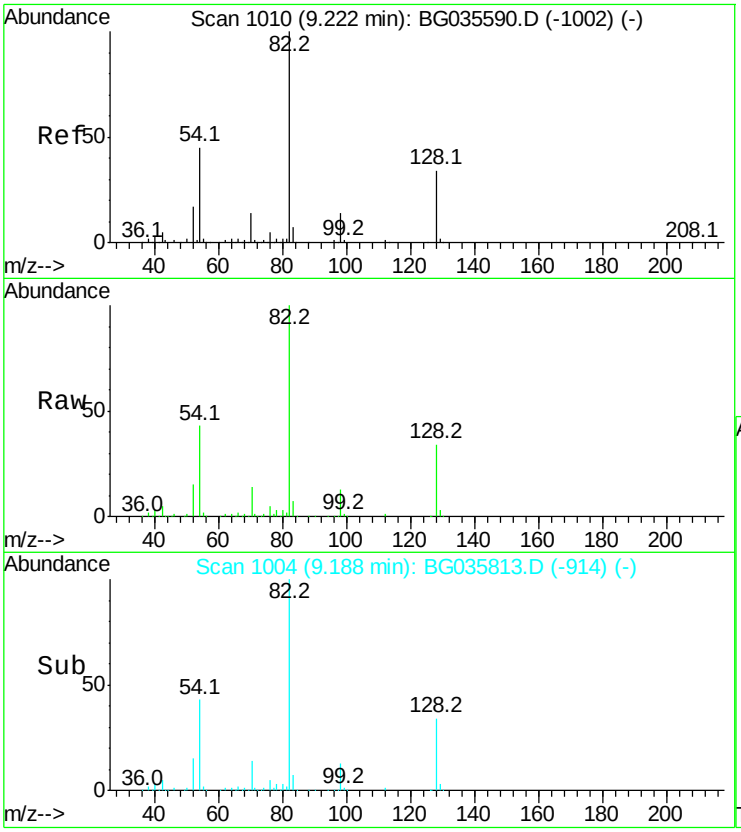


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG035813.D
Acq: 21 Jul 2018 10:23

Tgt Ion:136 Resp: 177329

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	7.8	10.3	15.5#
68	5.5	4.5	6.7



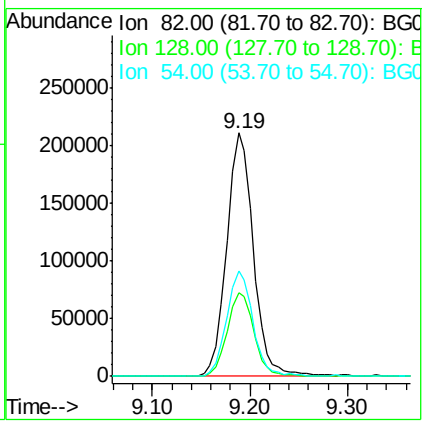


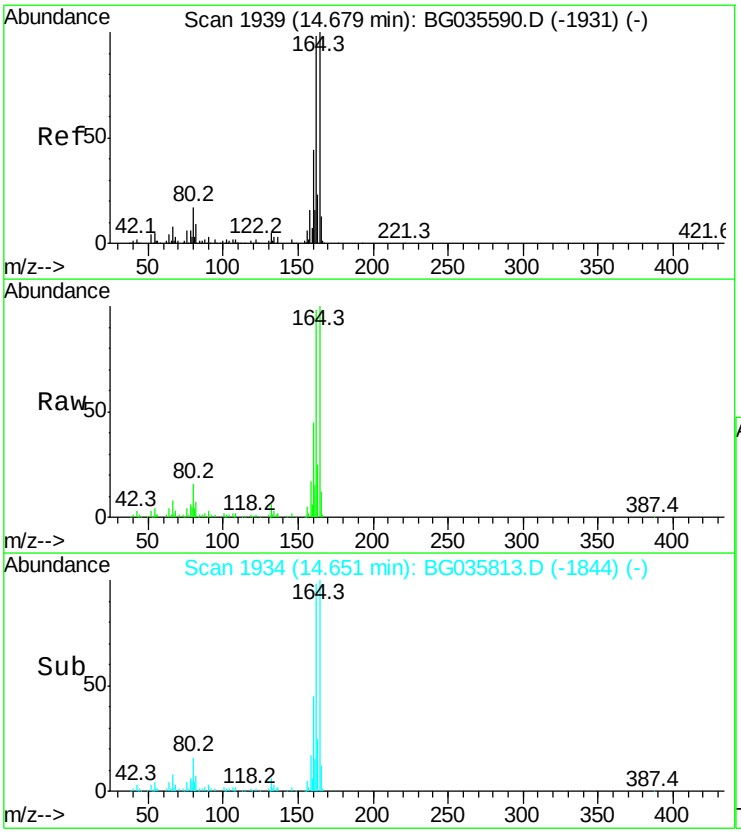
#23
Nitrobenzene-d5
Concen: 94.323 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035813.D
Acq: 21 Jul 2018 10:23

Instrument :
BNA_G
ClientSampleId :
TP-10

Tgt Ion: 82 Resp: 400391

Ion	Ratio	Lower	Upper
82	100		
128	34.4	29.7	44.5
54	43.4	43.1	64.7

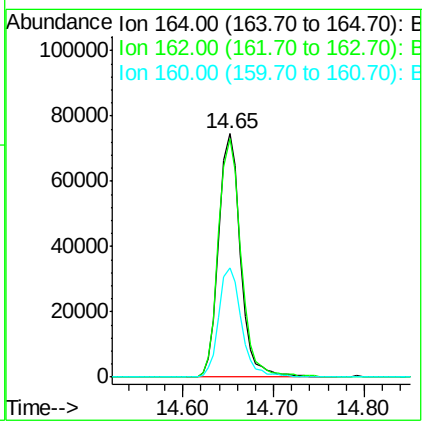


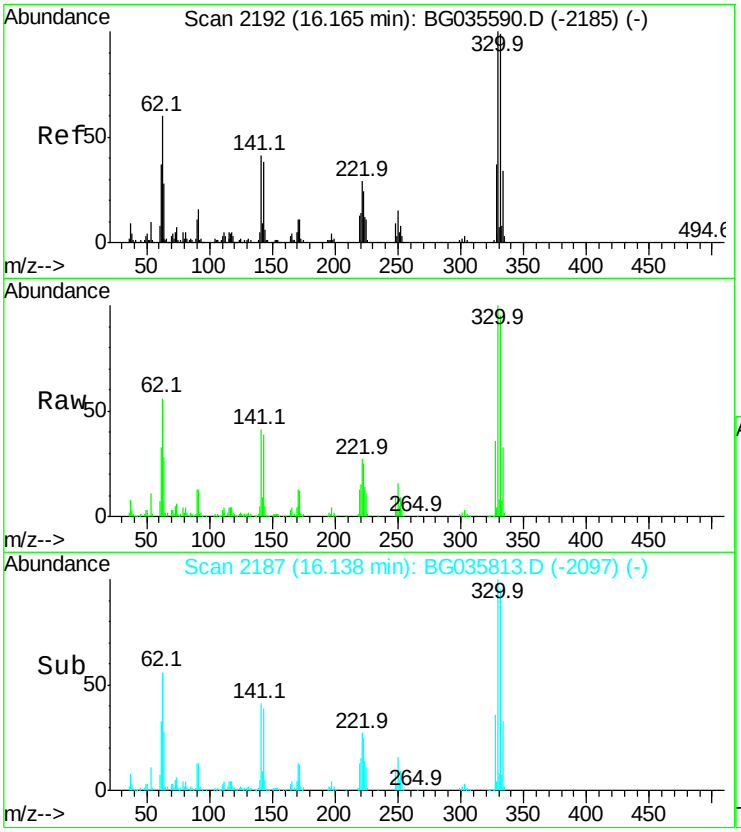


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG035813.D
Acq: 21 Jul 2018 10:23

Tgt Ion:164 Resp: 124245

Ion	Ratio	Lower	Upper
164	100		
162	97.9	78.8	118.2
160	44.9	35.4	53.0



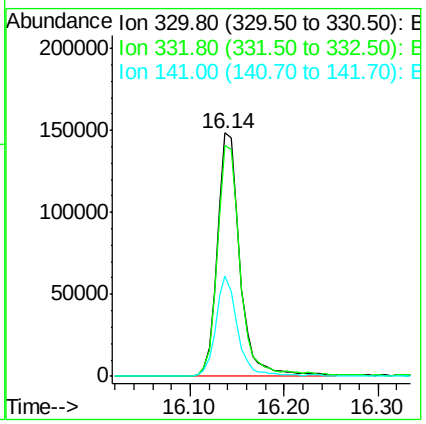


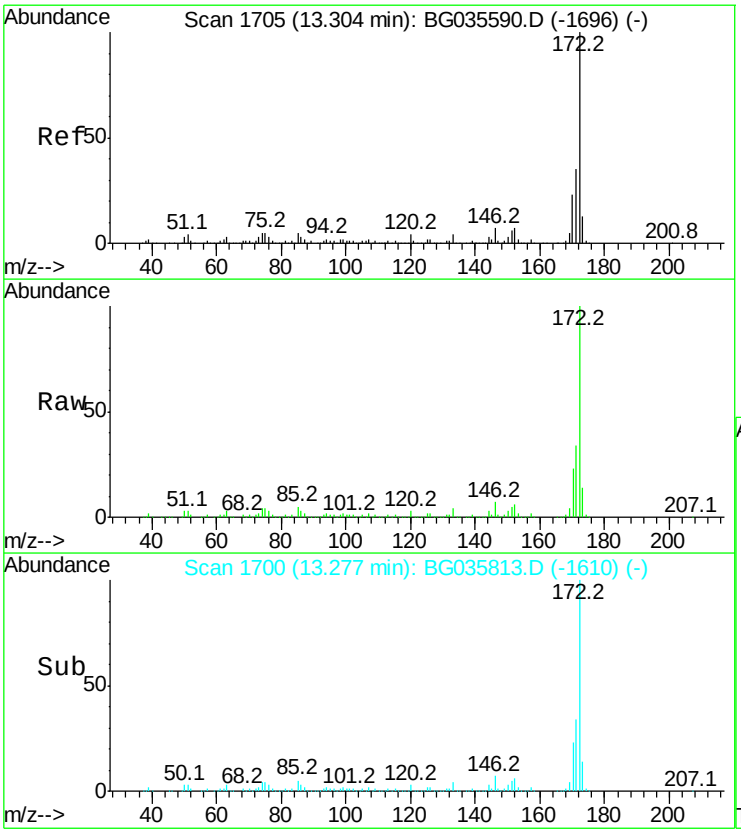
#41
2,4,6-Tribromophenol
Concen: 152.884 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BG035813.D
Acq: 21 Jul 2018 10:23

Instrument :
BNA_G
ClientSampleId :
TP-10

Tgt Ion:330 Resp: 250368

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	39.3	25.2	37.8#

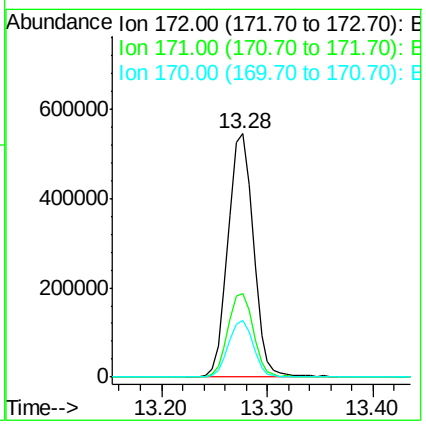


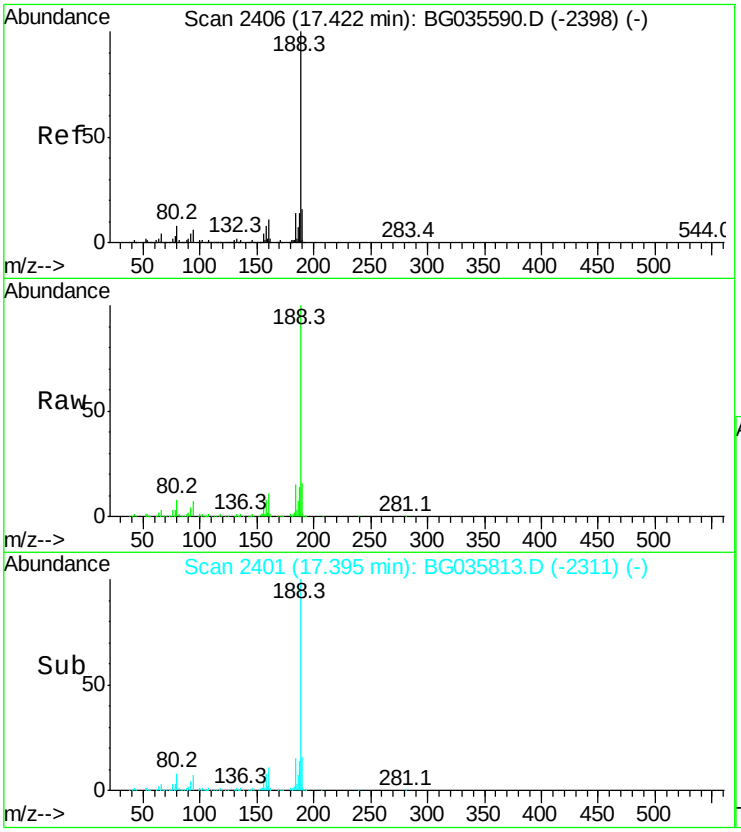


#44
2-Fluorobiphenyl
Concen: 97.998 ng
RT: 13.28 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG035813.D
Acq: 21 Jul 2018 10:23

Tgt Ion:172 Resp: 908810

Ion	Ratio	Lower	Upper
172	100		
171	34.2	30.0	45.0
170	23.2	19.5	29.3



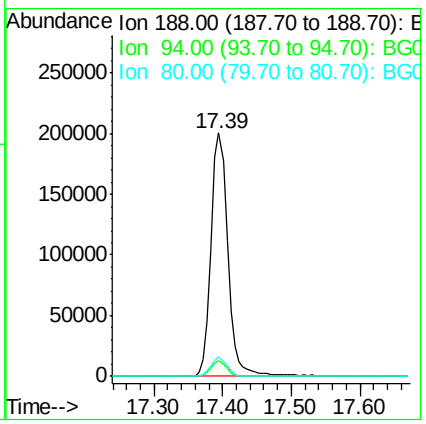


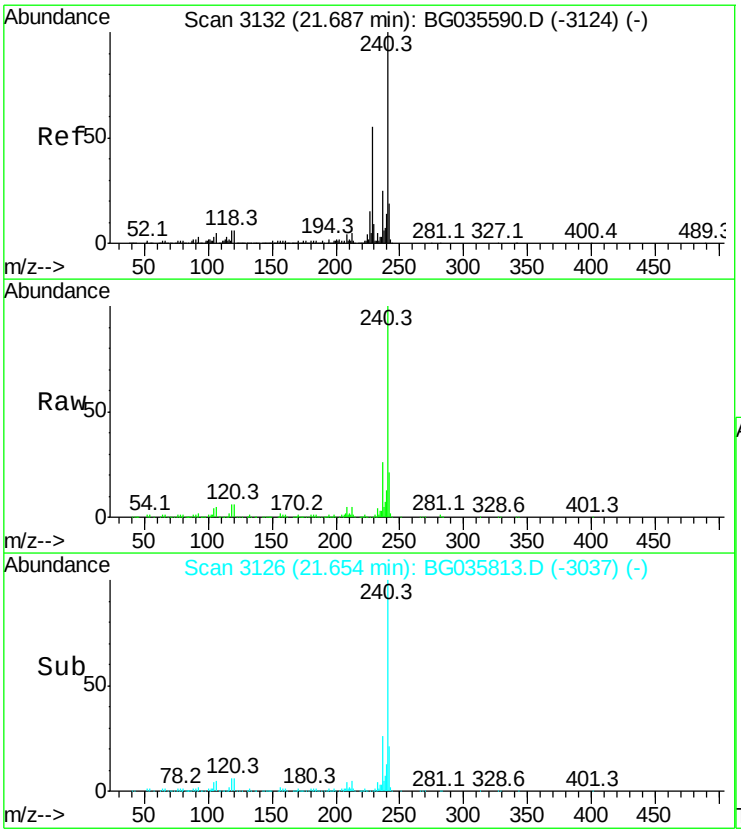
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035813.D
Acq: 21 Jul 2018 10:23

Instrument :
BNA_G
ClientSampleId :
TP-10

Tgt Ion:188 Resp: 341938

Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	7.9	7.7	11.5

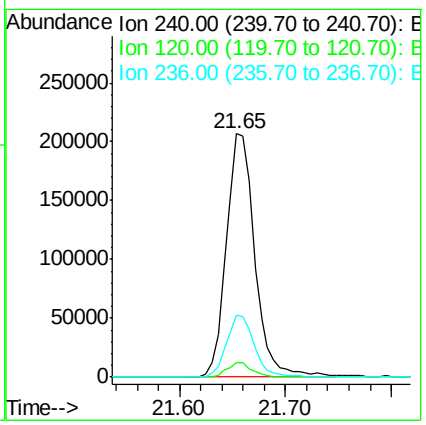


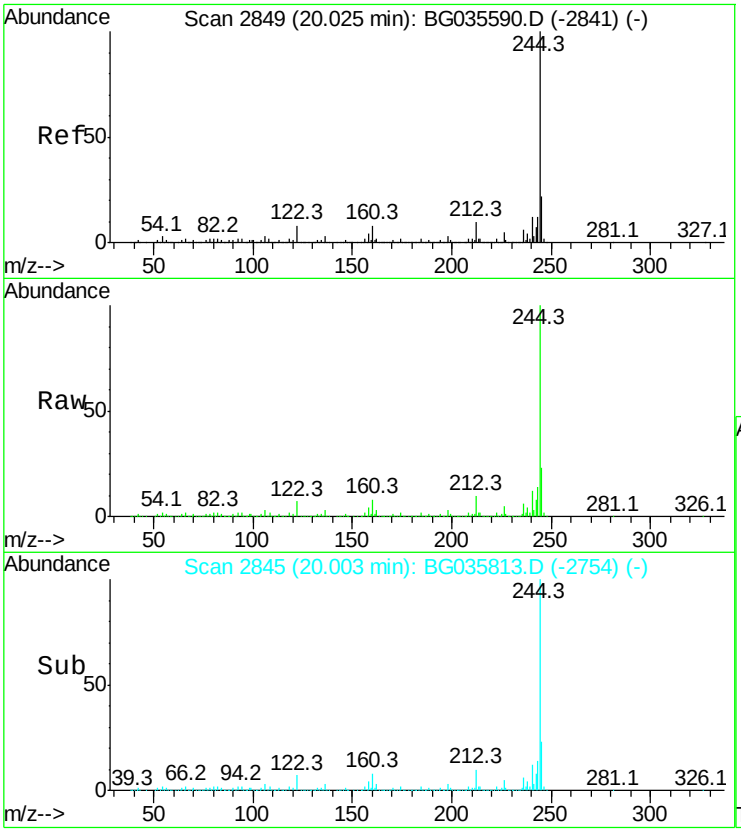


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG035813.D
Acq: 21 Jul 2018 10:23

Tgt Ion:240 Resp: 384456

Ion	Ratio	Lower	Upper
240	100		
120	5.8	6.8	10.2#
236	25.6	20.9	31.3



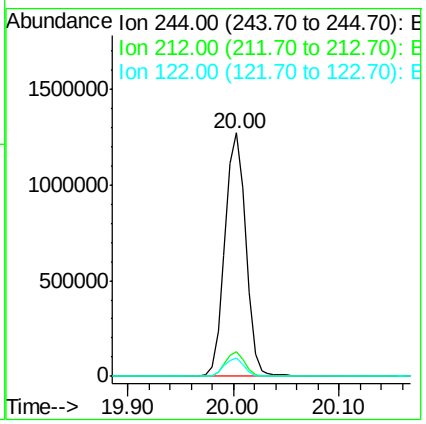


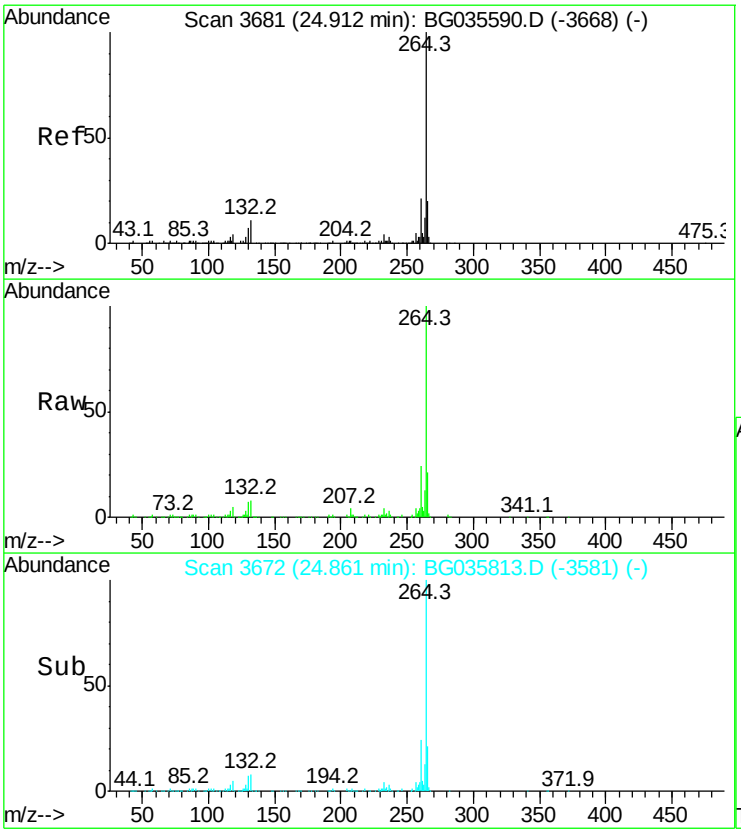
#78
Terphenyl-d14
Concen: 99.725 ng
RT: 20.00 min Scan# 2845
Delta R.T. 0.00 min
Lab File: BG035813.D
Acq: 21 Jul 2018 10:23

Instrument :
BNA_G
ClientSampleId :
TP-10

Tgt Ion:244 Resp: 1739327

Ion	Ratio	Lower	Upper
244	100		
212	10.2	5.8	8.8#
122	7.5	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3672
Delta R.T. 0.00 min
Lab File: BG035813.D
Acq: 21 Jul 2018 10:23

Tgt Ion:264 Resp: 364832

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	20.5	17.7	26.5