Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071718\
Data File : BG035715.D
Acq On : 18 Jul 2018 12:58
Operator : JU/SJ
Sample : PB111140TB
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111140TB

Quant Time: Jul 18 15:02:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	45868	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	169710	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	115457	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	342469	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	404485	20.00	ng	-0.02
86) Perylene-d12	24.88	264	398008	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	363685	131.64	ng	-0.01
7) Phenol-d6	7.21	99	518639	125.82	ng	0.00
23) Nitrobenzene-d5	9.20	82	333057	81.98	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	223321	146.75	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	774674	89.89	ng	-0.02
78) Terphenyl-d14	20.01	244	1614845	88.00	ng	-0.01
Target Compounds						Qvalue

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

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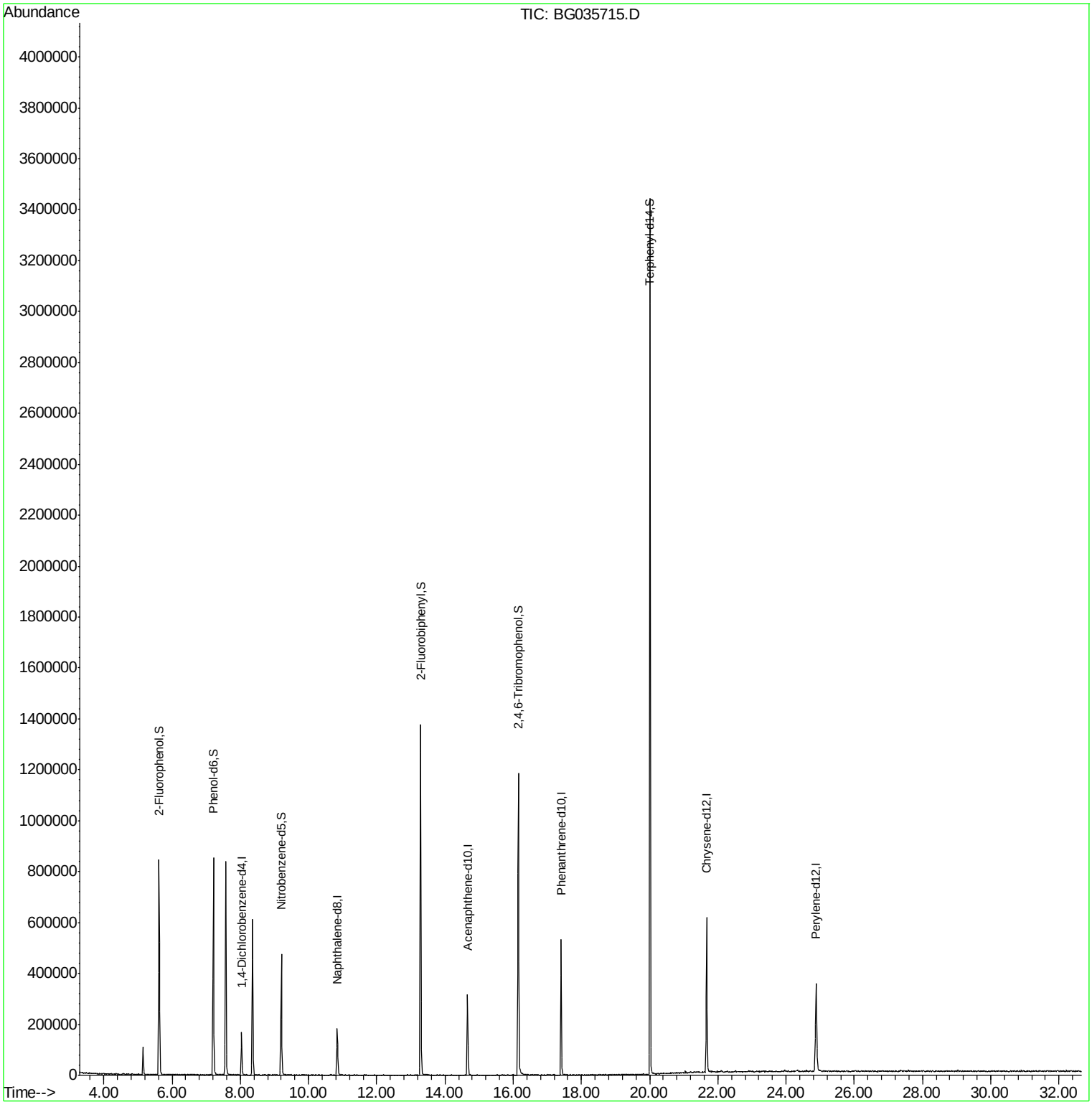
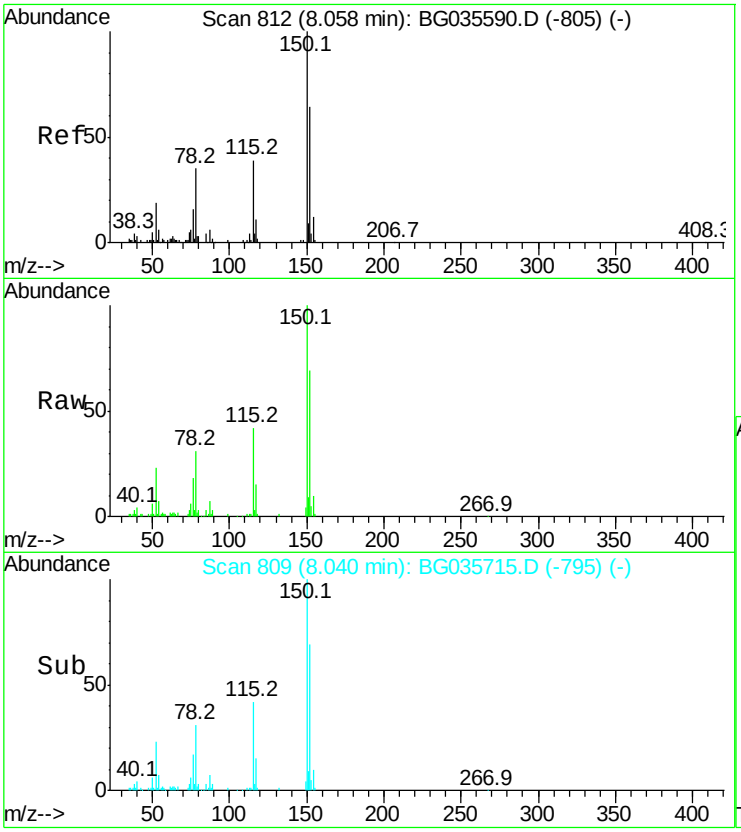


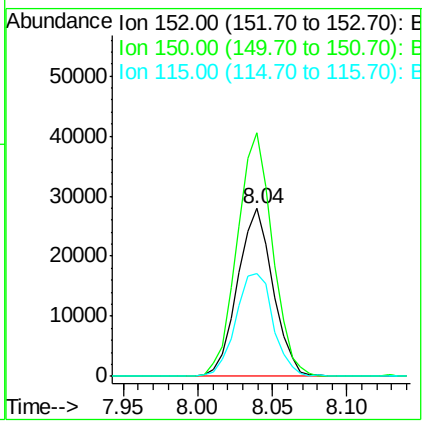


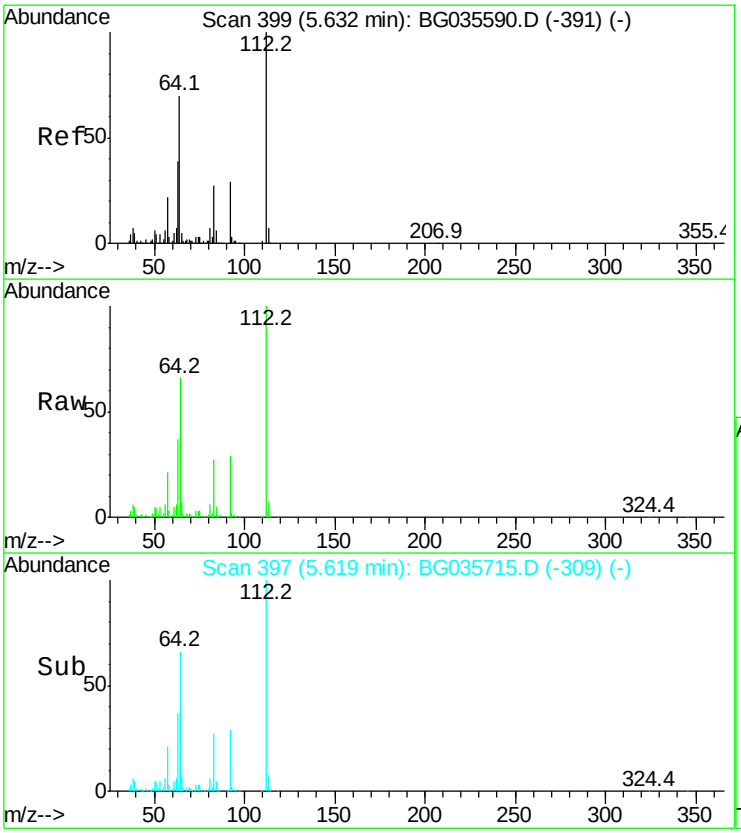
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.02 min
Lab File: BG035715.D
Acq: 18 Jul 2018 12:58

Instrument :
BNA_G
ClientSampleId :
PB111140TB

Tgt Ion:152 Resp: 45868

Ion	Ratio	Lower	Upper
152	100		
150	145.3	126.6	189.8
115	61.4	53.0	79.4

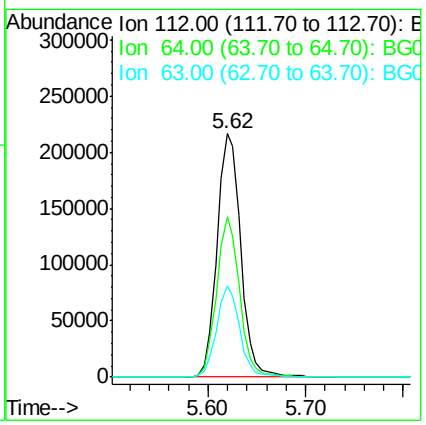


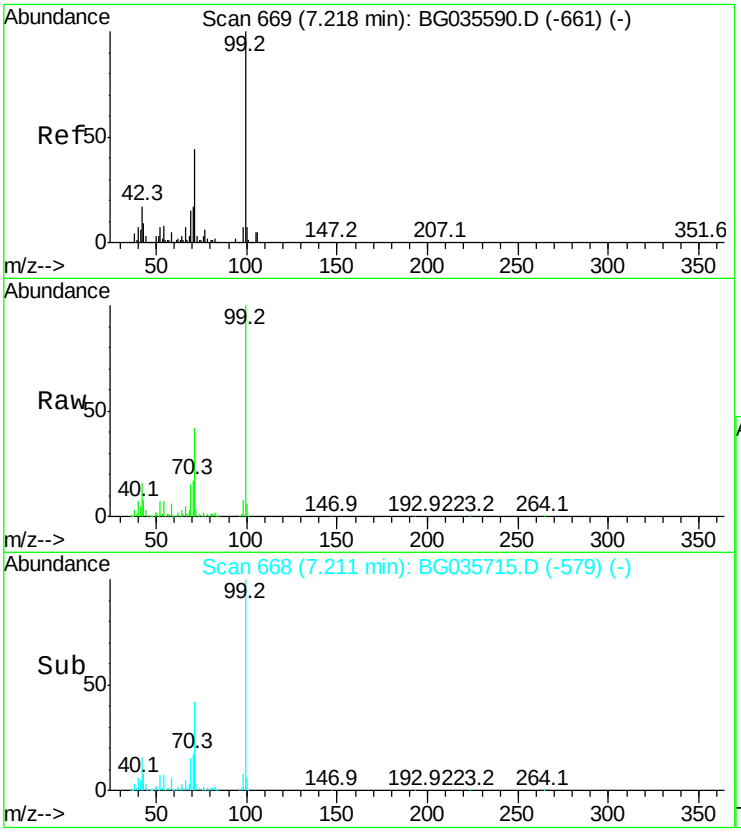


#5
2-Fluorophenol
Concen: 131.639 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG035715.D
Acq: 18 Jul 2018 12:58

Tgt Ion:112 Resp: 363685

Ion	Ratio	Lower	Upper
112	100		
64	66.1	56.3	84.5
63	37.4	30.1	45.1



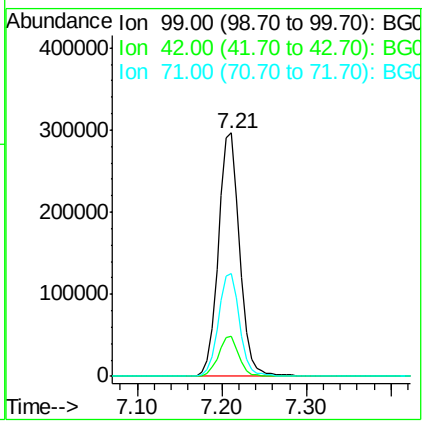


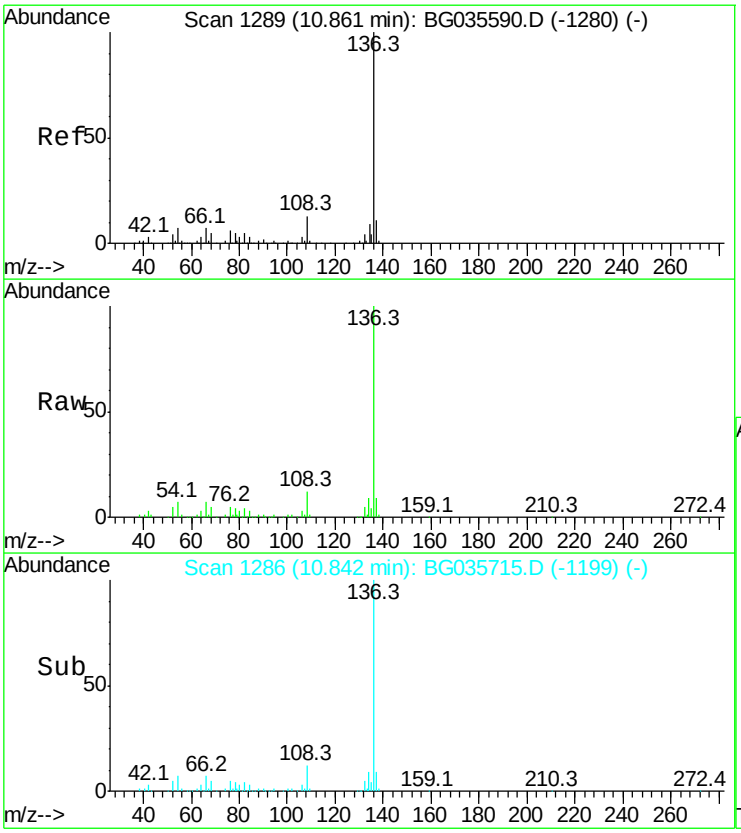
#7
Phenol-d6
Concen: 125.823 ng
RT: 7.21 min Scan# 668
Delta R.T. -0.01 min
Lab File: BG035715.D
Acq: 18 Jul 2018 12:58

Instrument :
BNA_G
ClientSampleId :
PB111140TB

Tgt Ion: 99 Resp: 518639

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.1	21.1
71	42.2	26.1	39.1#

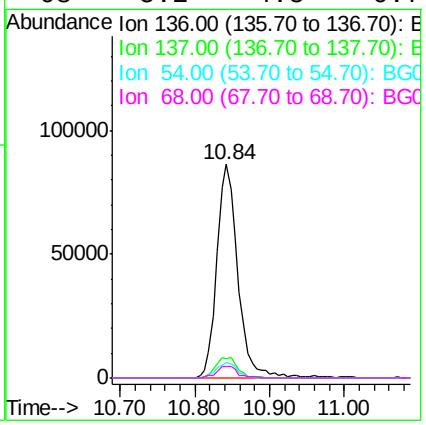


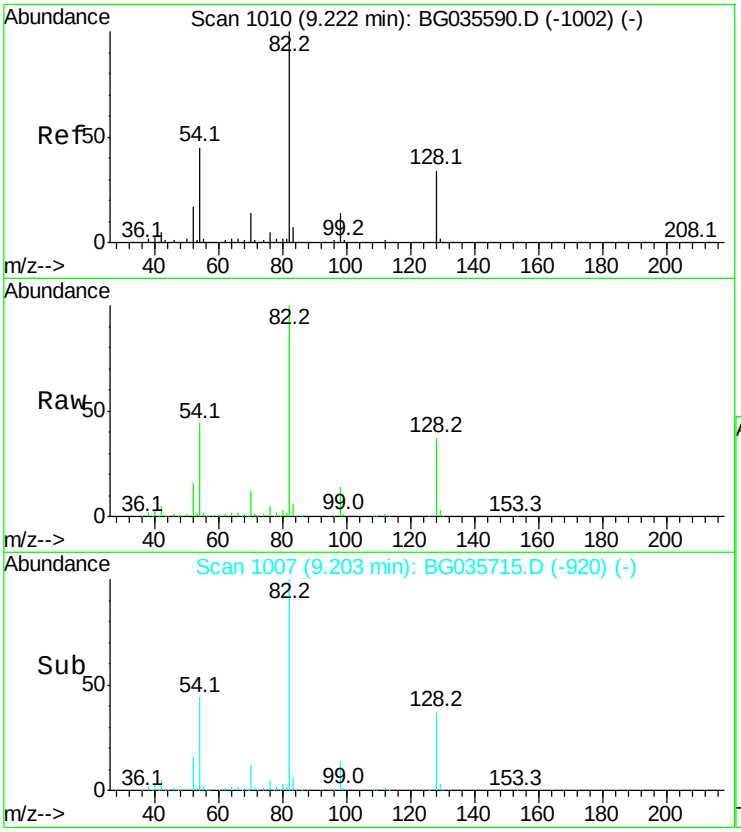


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BG035715.D
Acq: 18 Jul 2018 12:58

Tgt Ion:136 Resp: 169710

Ion	Ratio	Lower	Upper
136	100		
137	8.8	9.2	13.8#
54	7.2	10.3	15.5#
68	5.2	4.5	6.7



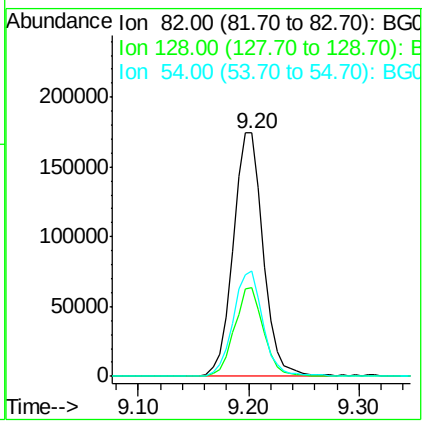


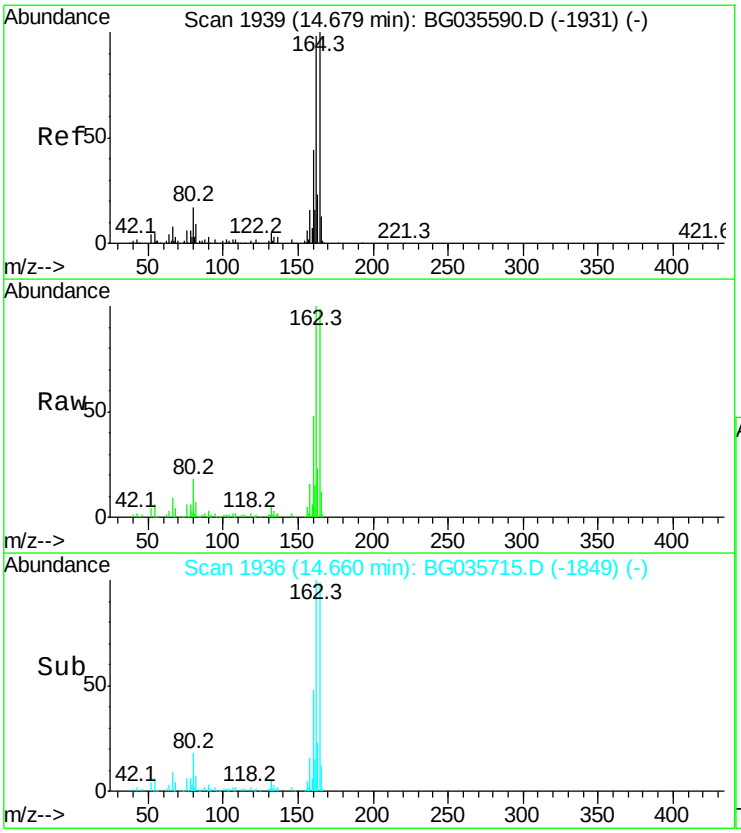
#23
Nitrobenzene-d5
Concen: 81.983 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BG035715.D
Acq: 18 Jul 2018 12:58

Instrument :
BNA_G
ClientSampleId :
PB111140TB

Tgt Ion: 82 Resp: 333057

Ion	Ratio	Lower	Upper
82	100		
128	36.5	29.7	44.5
54	43.5	43.1	64.7

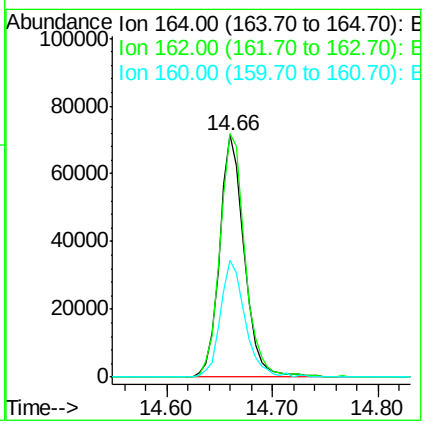


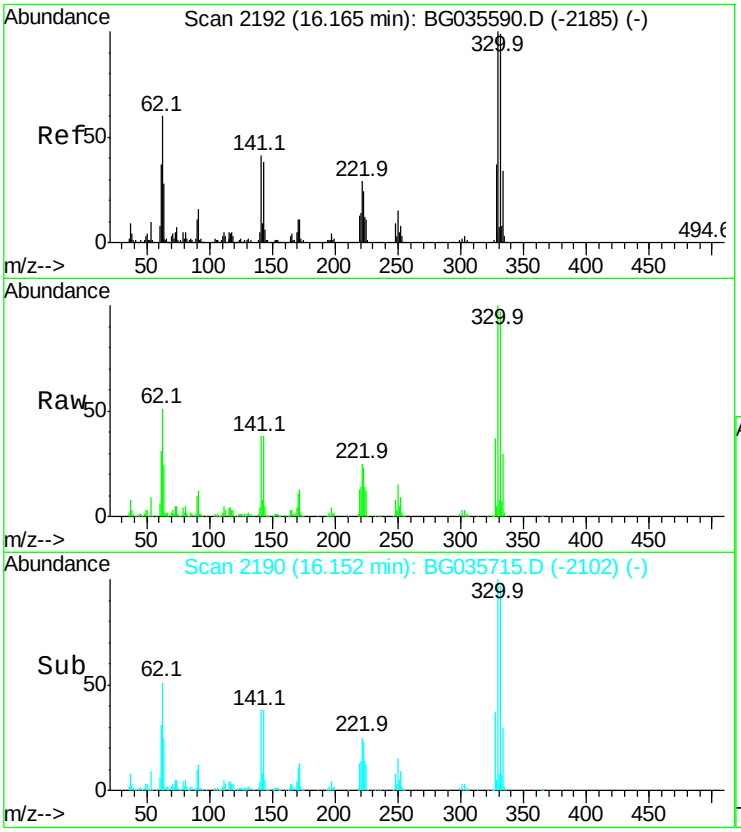


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.02 min
Lab File: BG035715.D
Acq: 18 Jul 2018 12:58

Tgt Ion:164 Resp: 115457

Ion	Ratio	Lower	Upper
164	100		
162	100.6	78.8	118.2
160	48.2	35.4	53.0



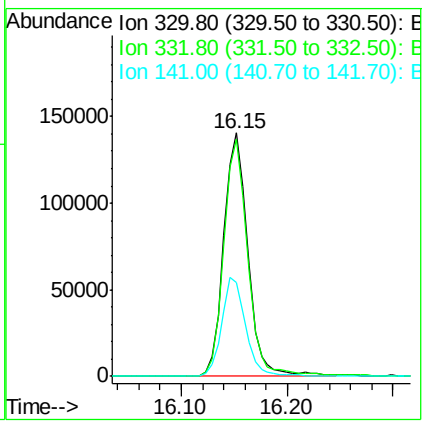


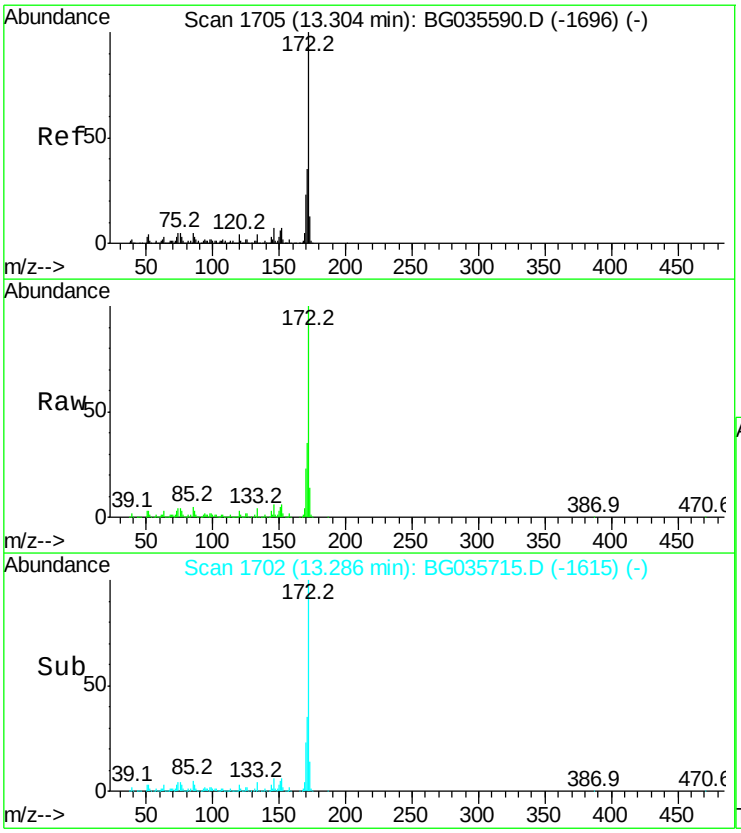
#41
2,4,6-Tribromophenol
Concen: 146.748 ng
RT: 16.15 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BG035715.D
Acq: 18 Jul 2018 12:58

Instrument :
BNA_G
ClientSampleId :
PB111140TB

Tgt Ion:330 Resp: 223321

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	40.0	25.2	37.8#

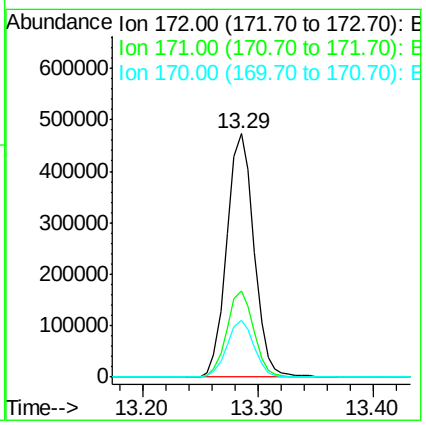


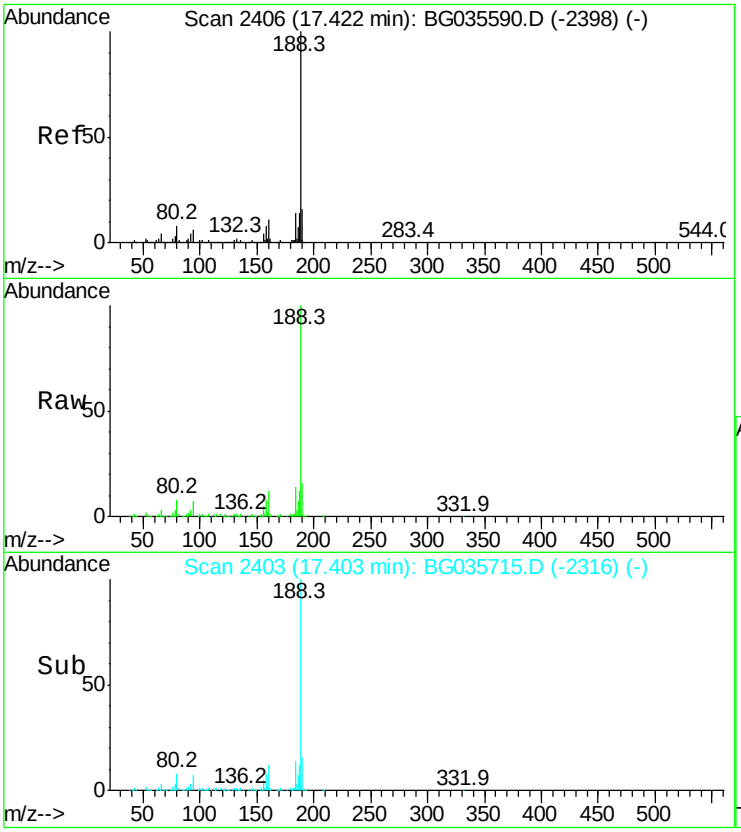


#44
2-Fluorobiphenyl
Concen: 89.892 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.02 min
Lab File: BG035715.D
Acq: 18 Jul 2018 12:58

Tgt Ion:172 Resp: 774674

Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.0	45.0
170	23.2	19.5	29.3



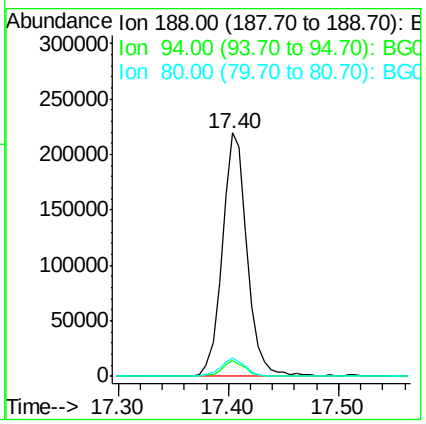


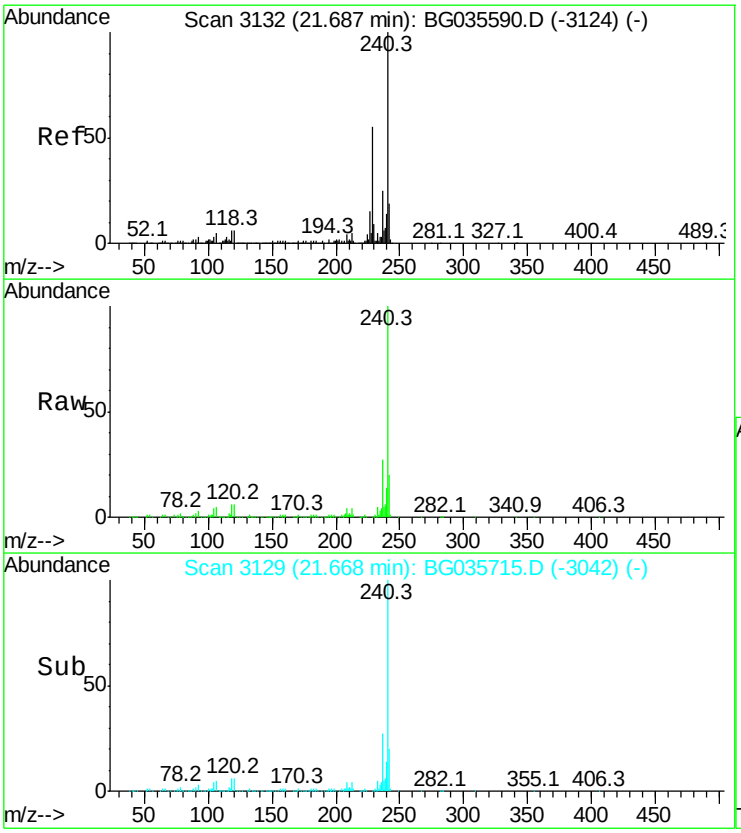
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2403
Delta R.T. -0.02 min
Lab File: BG035715.D
Acq: 18 Jul 2018 12:58

Instrument :
BNA_G
ClientSampleId :
PB111140TB

Tgt Ion:188 Resp: 342469

Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	7.6	7.7	11.5#

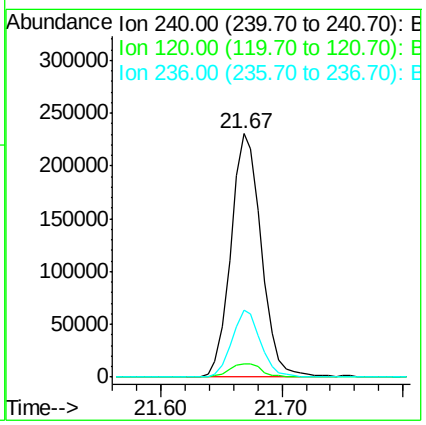


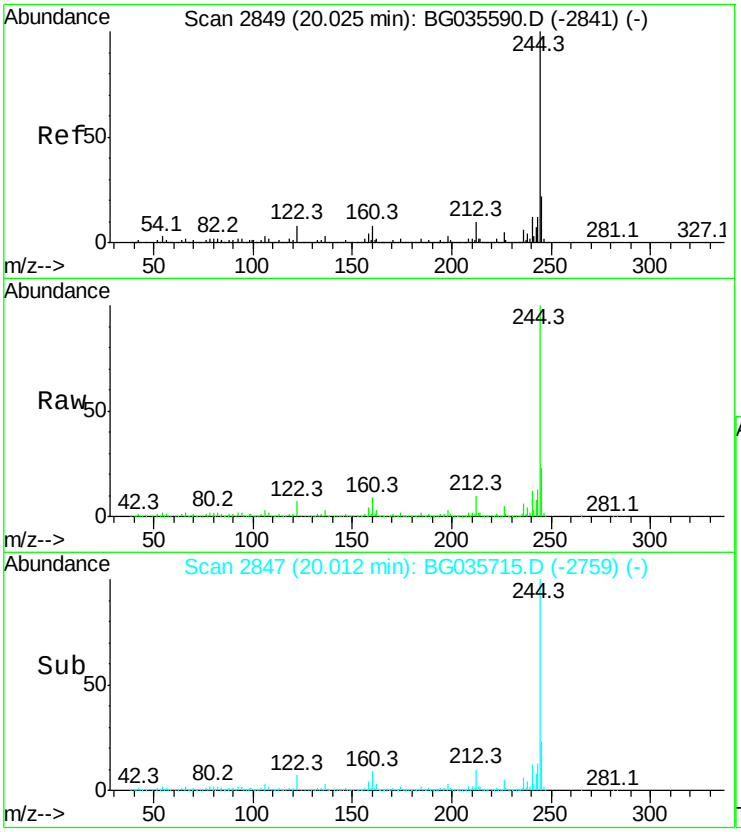


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG035715.D
Acq: 18 Jul 2018 12:58

Tgt Ion:240 Resp: 404485

Ion	Ratio	Lower	Upper
240	100		
120	5.7	6.8	10.2#
236	27.4	20.9	31.3



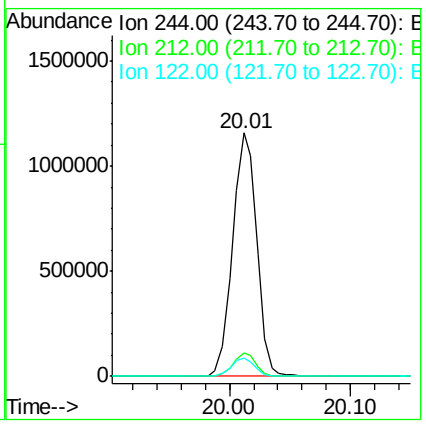


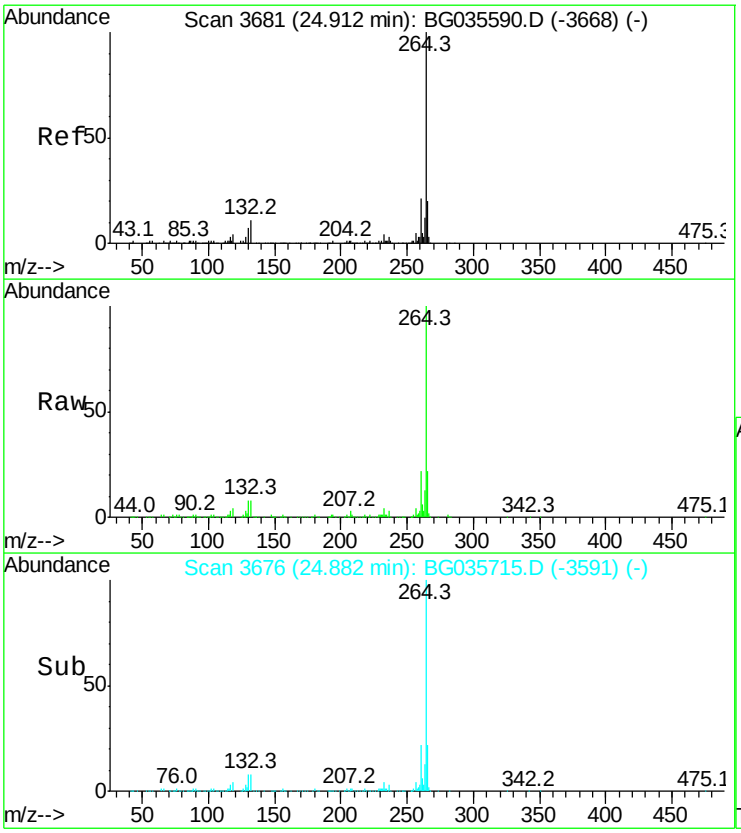
#78
Terphenyl-d14
Concen: 88.003 ng
RT: 20.01 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG035715.D
Acq: 18 Jul 2018 12:58

Instrument :
BNA_G
ClientSampleId :
PB111140TB

Tgt Ion:244 Resp: 1614845

Ion	Ratio	Lower	Upper
244	100		
212	9.9	5.8	8.8#
122	7.5	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3676
Delta R.T. -0.03 min
Lab File: BG035715.D
Acq: 18 Jul 2018 12:58

Tgt Ion:264 Resp: 398008

Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.4	26.0
265	21.6	17.7	26.5