Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040351.D
Acq On : 4 Apr 2019 8:35
Operator : JU/SJ
Sample : K2214-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2-D

Quant Time: Apr 04 11:25:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	64265	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	251915	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	154362	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	379236	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	434384	20.00	ng	-0.04
87) Perylene-d12	24.97	264	448090	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	509967	131.92	ng	-0.02
7) Phenol-d6	7.20	99	693441	129.80	ng	-0.02
23) Nitrobenzene-d5	9.22	82	413046	87.15	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	243168	145.76	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	850941	81.68	ng	-0.02
79) Terphenyl-d14	20.02	244	1301895	67.42	ng	-0.03
Target Compounds						Qvalue
10) Phenol	7.23	94	18312	3.158	ng	87
50) Dimethylphthalate	14.13	163	104698	8.666	ng	97

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

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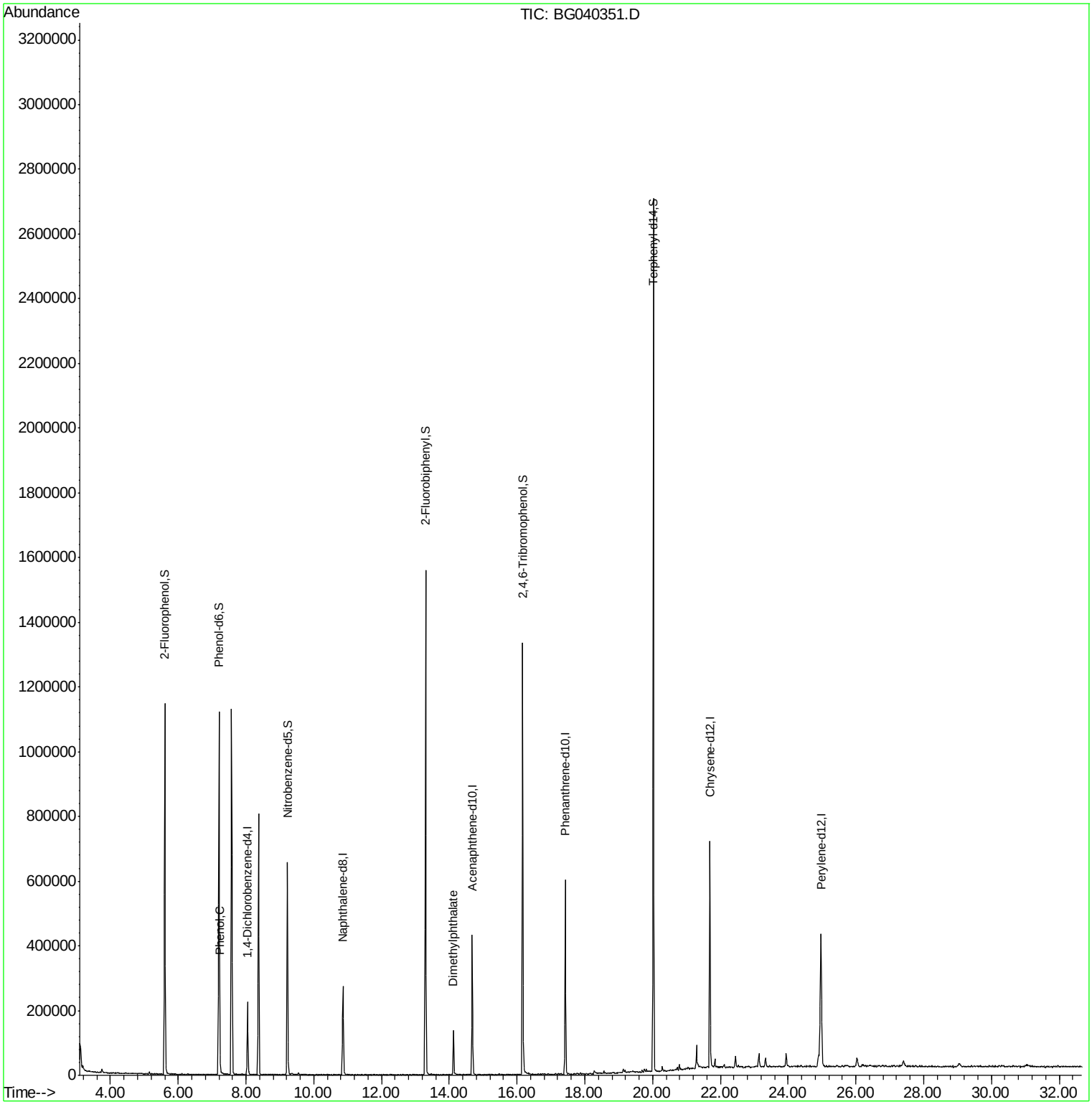
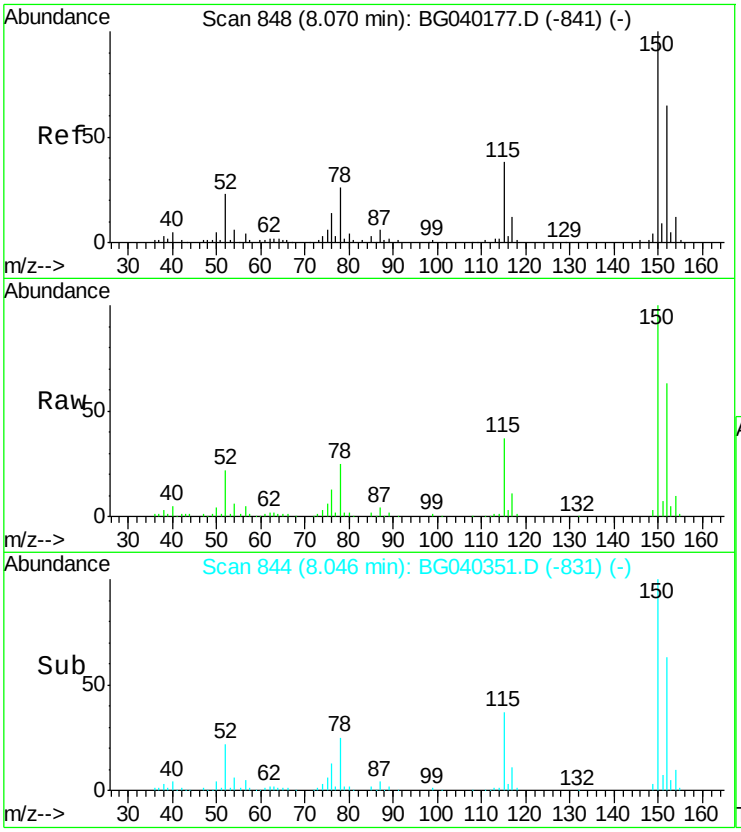


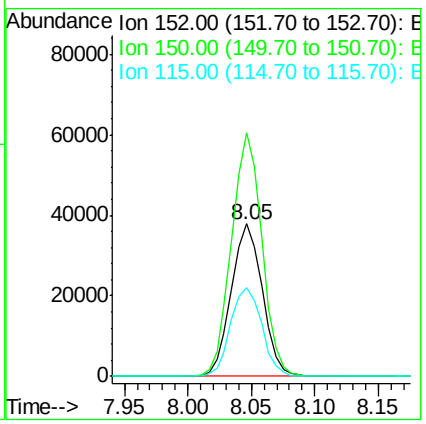


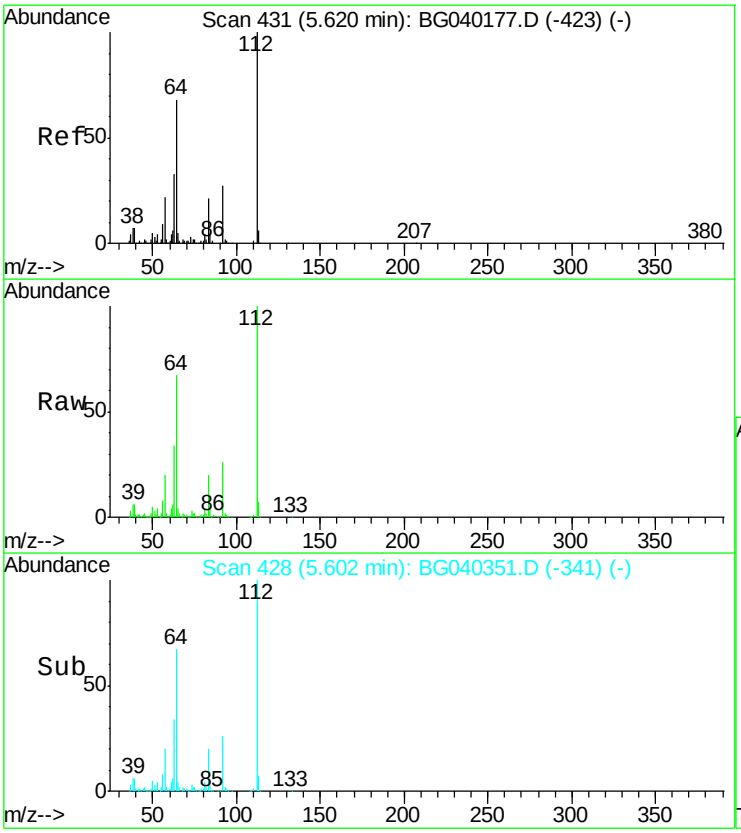
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040351.D
Acq: 4 Apr 2019 8:35

Instrument :
BNA_G
ClientSampleId :
TP-2-D

Tgt Ion:152 Resp: 64265

Ion	Ratio	Lower	Upper
152	100		
150	160.0	123.7	185.5
115	58.5	46.9	70.3

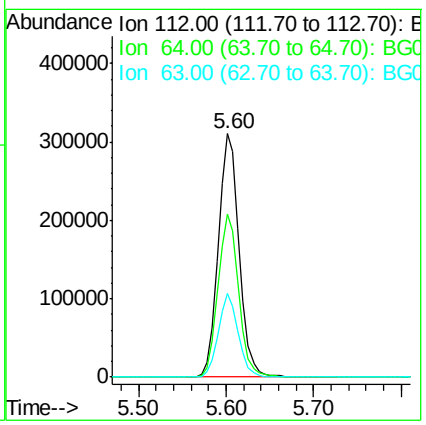


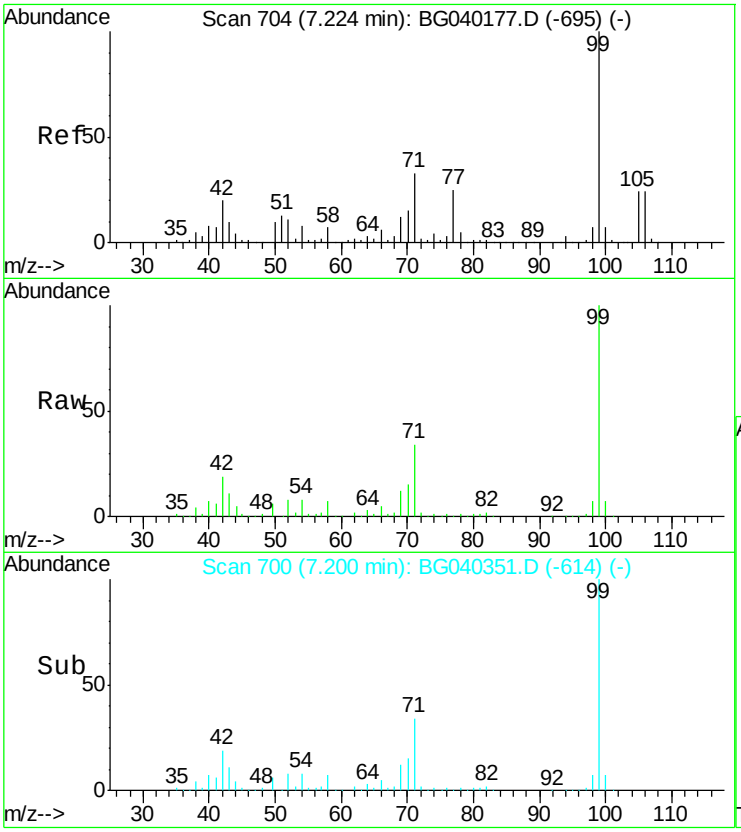


#5
2-Fluorophenol
Concen: 131.919 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040351.D
Acq: 4 Apr 2019 8:35

Tgt Ion:112 Resp: 509967

Ion	Ratio	Lower	Upper
112	100		
64	66.9	54.2	81.2
63	34.1	26.4	39.6



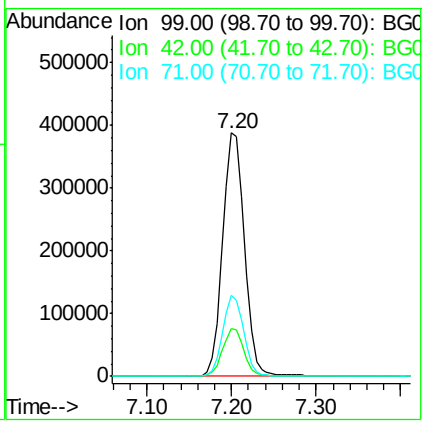


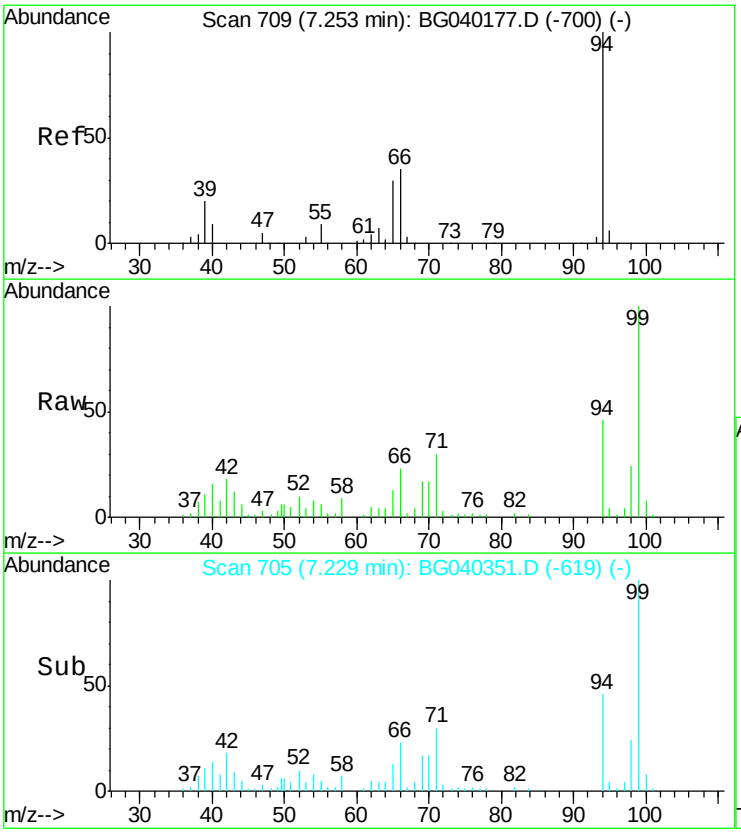
#7
Phenol-d6
Concen: 129.796 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.02 min
Lab File: BG040351.D
Acq: 4 Apr 2019 8:35

Instrument :
BNA_G
ClientSampleId :
TP-2-D

Tgt Ion: 99 Resp: 693441

Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.2	24.2
71	33.6	26.8	40.2

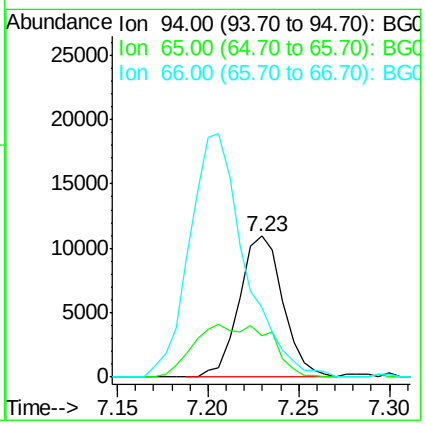


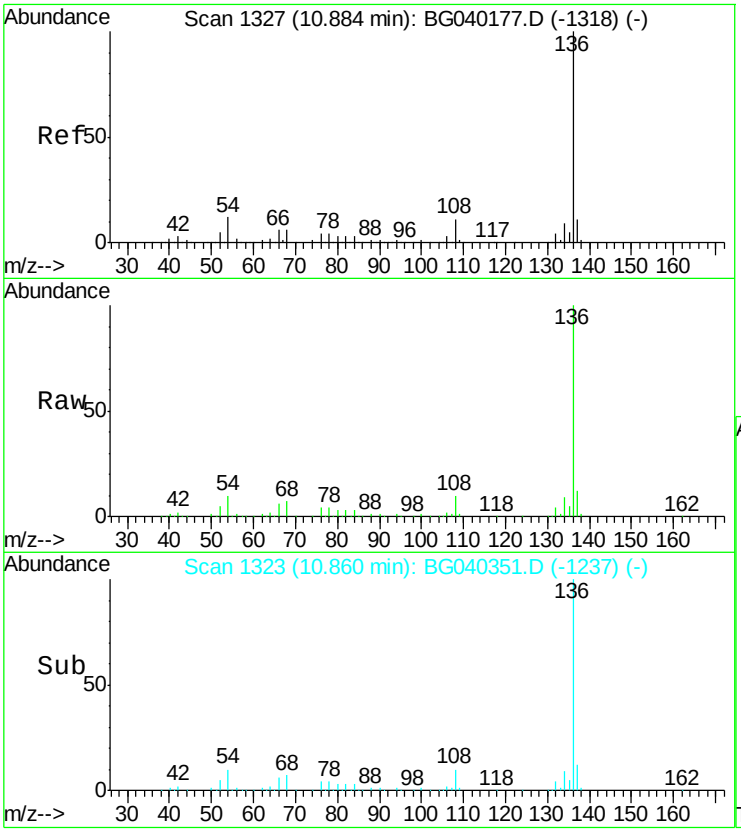


#10
Phenol
Concen: 3.158 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.02 min
Lab File: BG040351.D
Acq: 4 Apr 2019 8:35

Tgt Ion: 94 Resp: 18312

Ion	Ratio	Lower	Upper
94	100		
65	29.3	10.5	50.5
66	49.7	16.9	56.9



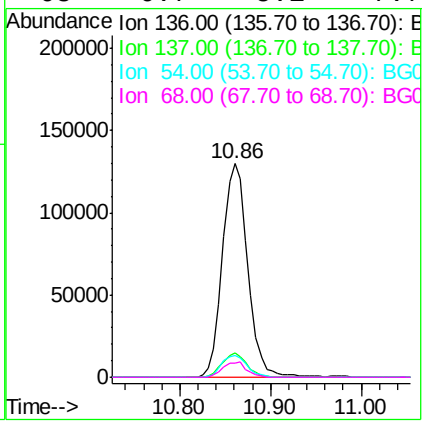


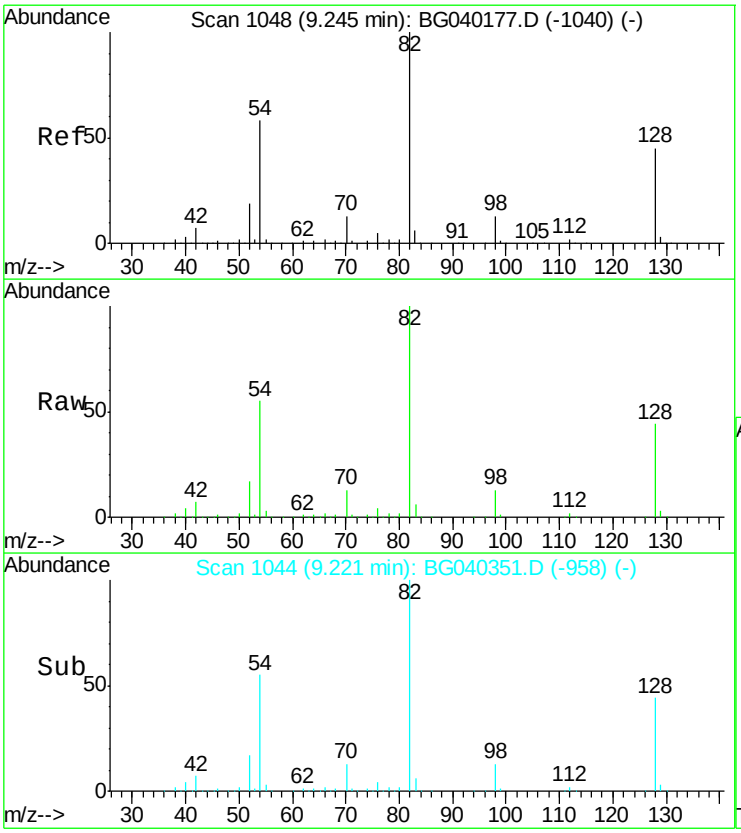
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040351.D
Acq: 4 Apr 2019 8:35

Instrument :
BNA_G
ClientSampleId :
TP-2-D

Tgt Ion:136 Resp: 251915

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	10.4	9.6	14.4
68	6.7	5.1	7.7

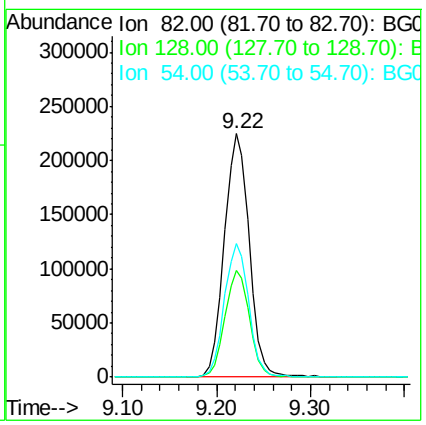


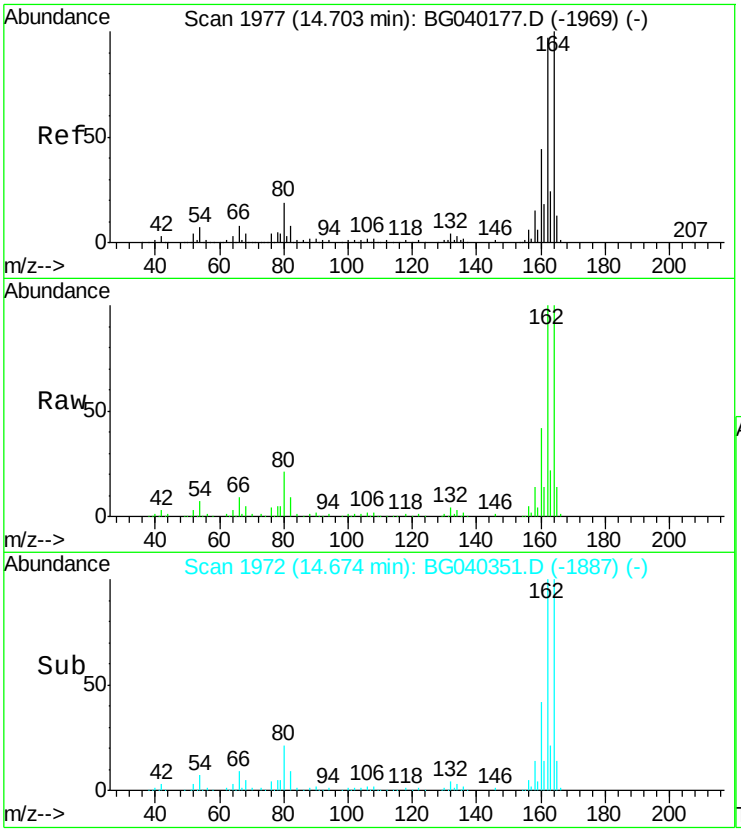


#23
Nitrobenzene-d5
Concen: 87.152 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040351.D
Acq: 4 Apr 2019 8:35

Tgt Ion: 82 Resp: 413046

Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.8	53.8
54	55.0	46.2	69.2



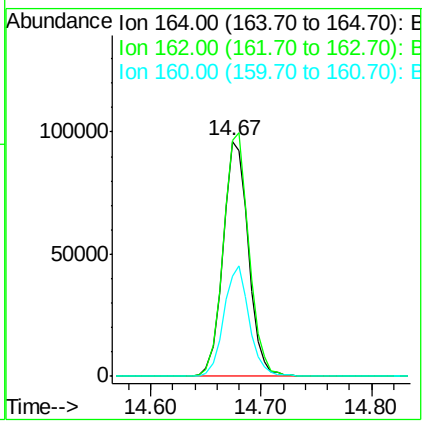


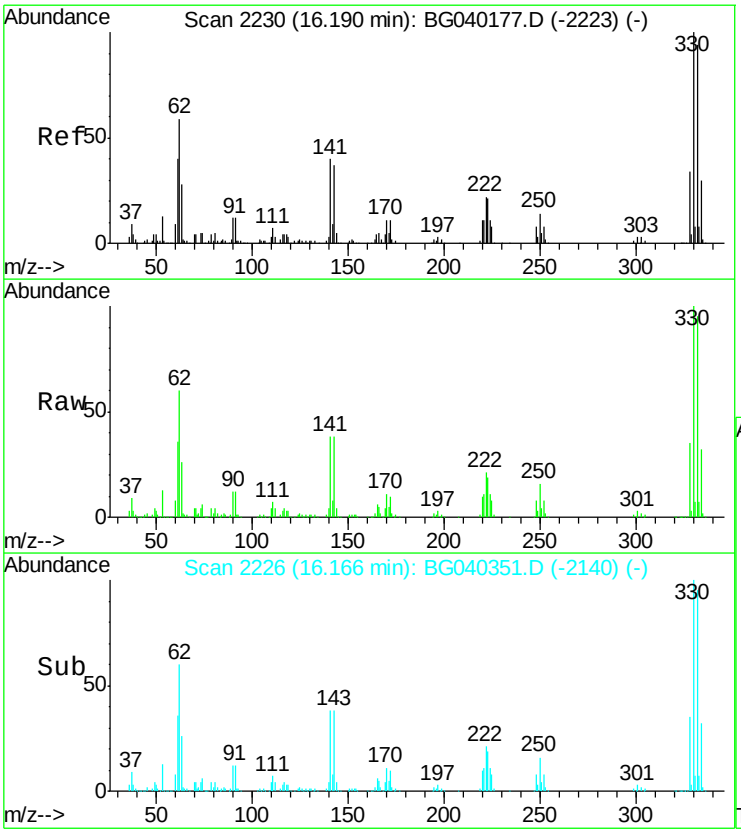
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040351.D
Acq: 4 Apr 2019 8:35

Instrument :
BNA_G
ClientSampleId :
TP-2-D

Tgt Ion:164 Resp: 154362

Ion	Ratio	Lower	Upper
164	100		
162	100.1	77.4	116.2
160	42.5	35.3	52.9

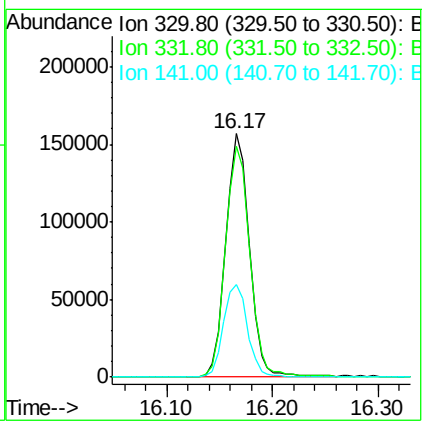


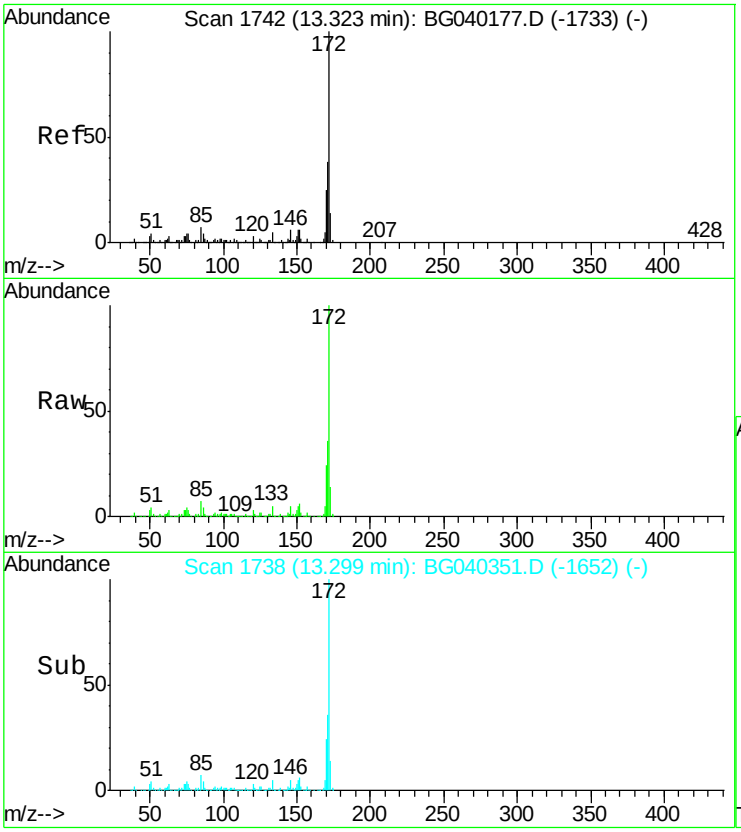


#42
2,4,6-Tribromophenol
Concen: 145.762 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG040351.D
Acq: 4 Apr 2019 8:35

Tgt Ion:330 Resp: 243168

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	115.0
141	39.0	32.6	48.8



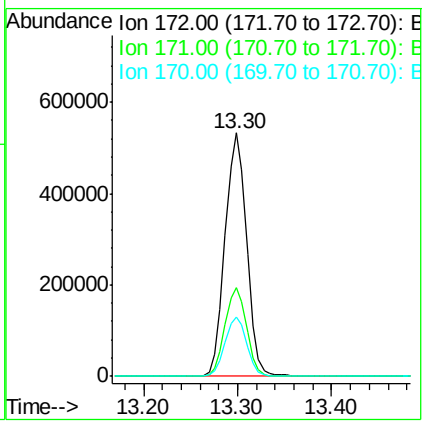


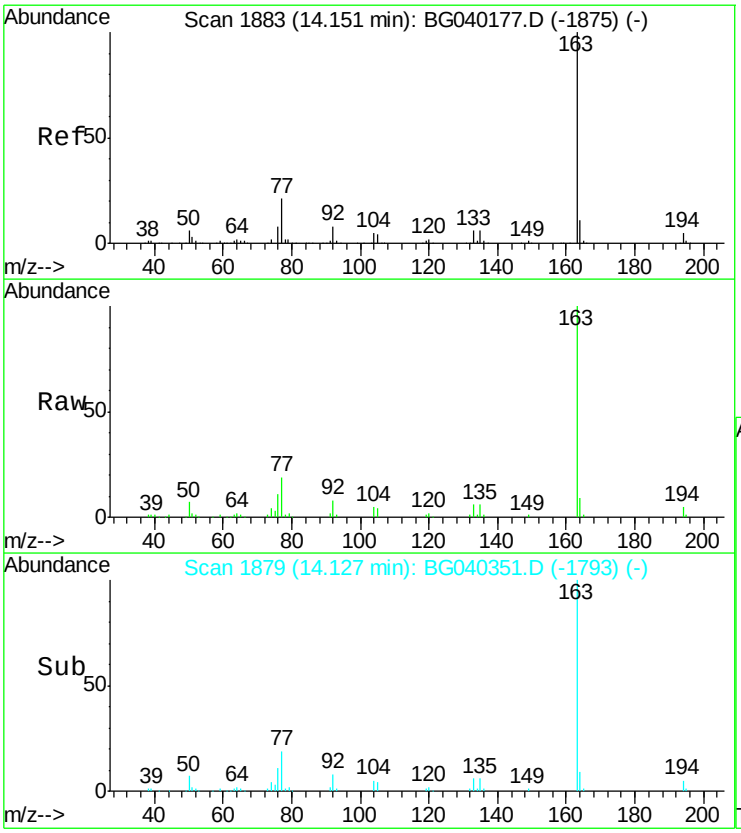
#45
2-Fluorobiphenyl
Concen: 81.684 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040351.D
Acq: 4 Apr 2019 8:35

Instrument :
BNA_G
ClientSampleId :
TP-2-D

Tgt Ion:172 Resp: 850941

Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.5	45.7
170	24.4	20.1	30.1

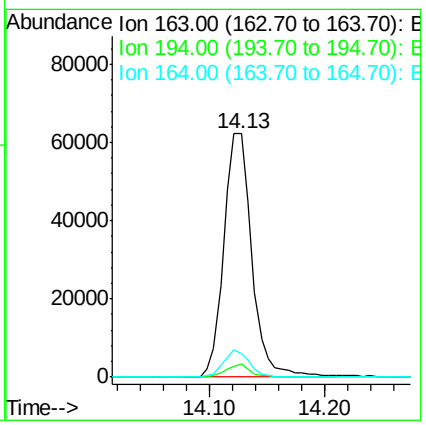


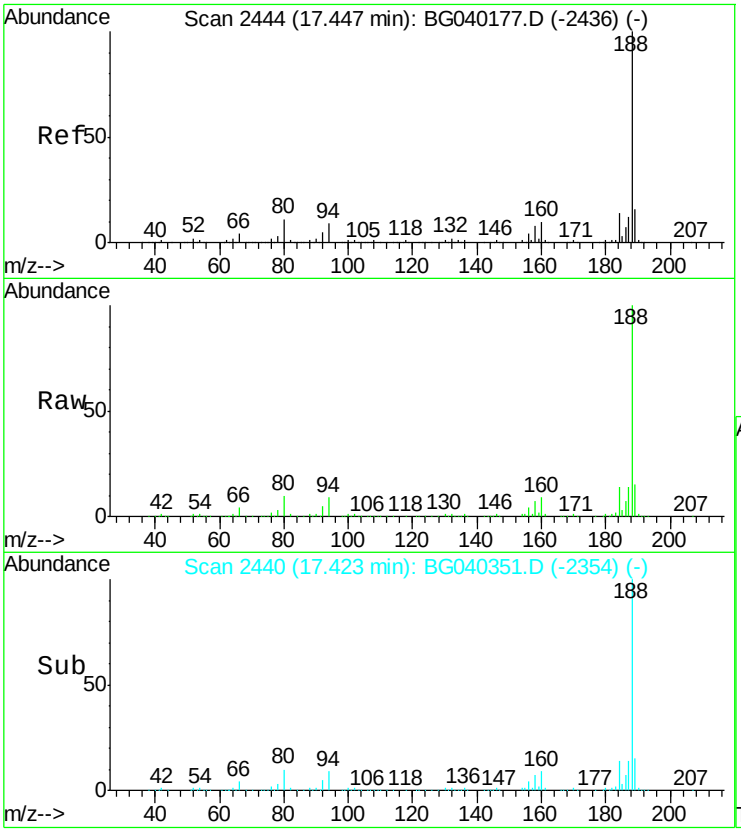


#50
Dimethylphthalate
Concen: 8.666 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG040351.D
Acq: 4 Apr 2019 8:35

Tgt Ion:163 Resp: 104698

Ion	Ratio	Lower	Upper
163	100		
194	5.5	4.1	6.1
164	9.4	8.6	13.0



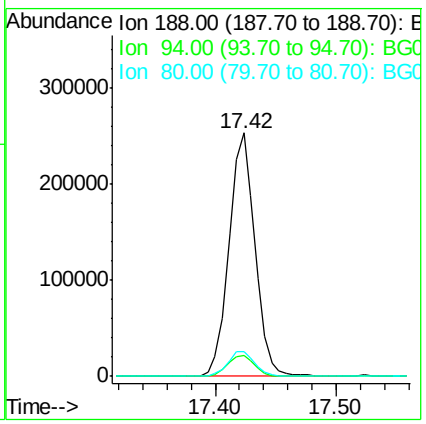


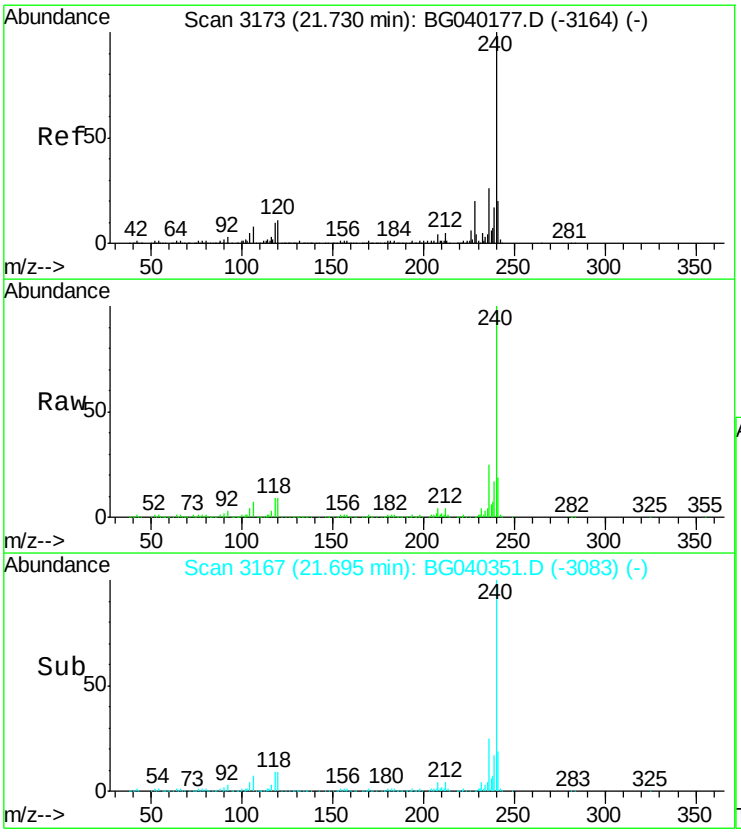
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040351.D
Acq: 4 Apr 2019 8:35

Instrument :
BNA_G
ClientSampleId :
TP-2-D

Tgt Ion:188 Resp: 379236

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.0	10.4
80	10.2	8.6	13.0

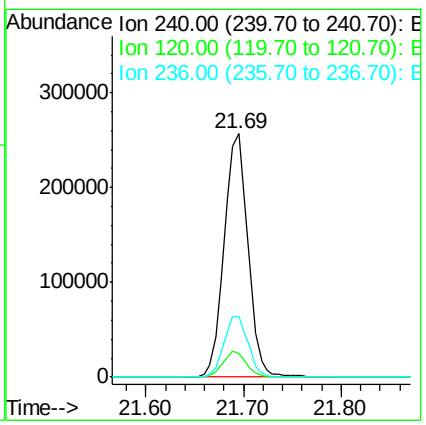


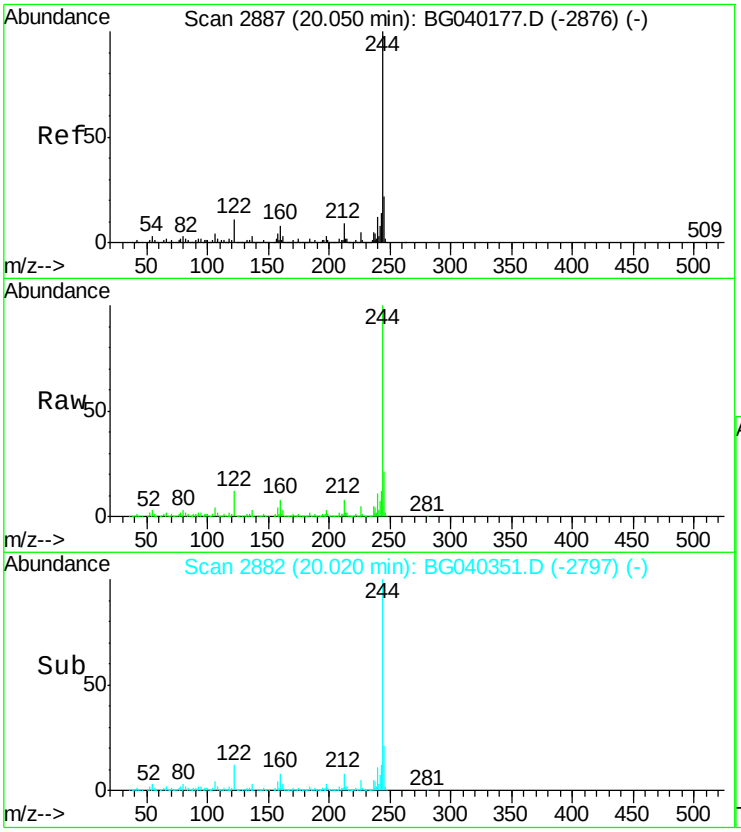


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.04 min
Lab File: BG040351.D
Acq: 4 Apr 2019 8:35

Tgt Ion:240 Resp: 434384

Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.4	12.6
236	24.9	20.8	31.2



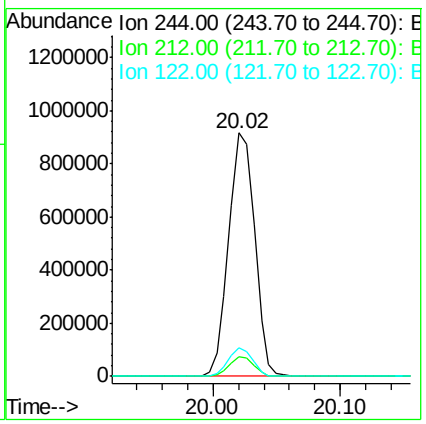


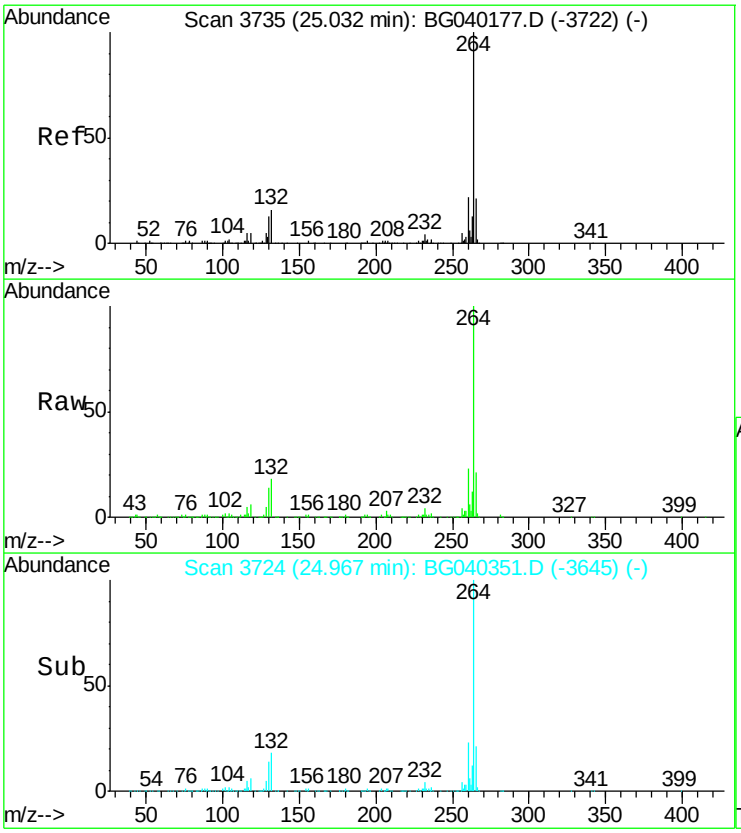
#79
Terphenyl-d14
Concen: 67.424 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.03 min
Lab File: BG040351.D
Acq: 4 Apr 2019 8:35

Instrument :
BNA_G
ClientSampleId :
TP-2-D

Tgt Ion:244 Resp: 1301895

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.0	10.6
122	11.7	8.5	12.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3724
Delta R.T. -0.06 min
Lab File: BG040351.D
Acq: 4 Apr 2019 8:35

Tgt Ion:264 Resp: 448090

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.9	26.9
265	21.5	16.8	25.2