Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071219\
Data File : BG041634.D
Acq On : 12 Jul 2019 11:07
Operator : HP/JU
Sample : K3636-12
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP19-JMW0980

Quant Time: Jul 12 15:24:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 05:39:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	105038	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	424014	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	273171	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	644642	20.00	ng	0.00
76) Chrysene-d12	21.66	240	635942	20.00	ng	0.00
87) Perylene-d12	24.86	264	710681	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	268008	42.82	ng	0.00
7) Phenol-d6	7.20	99	229697	27.09	ng	0.00
23) Nitrobenzene-d5	9.21	82	549770	79.02	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	292963	93.78	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1368574	78.76	ng	0.00
79) Terphenyl-d14	20.02	244	2018096	77.56	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.12	163	47911	2.238	ng	98
60) Diethylphthalate	15.49	149	57563	2.660	ng	98

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

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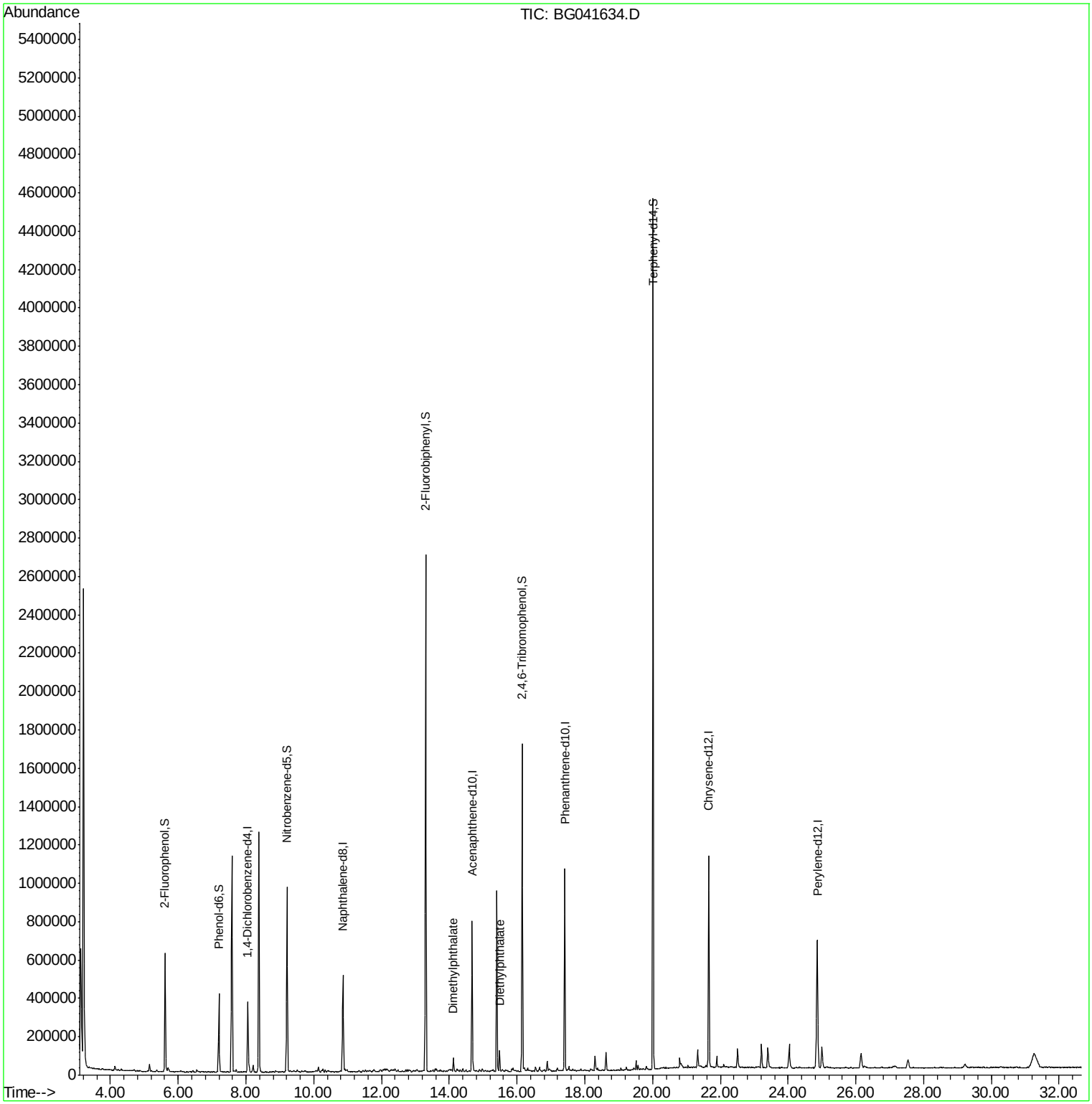
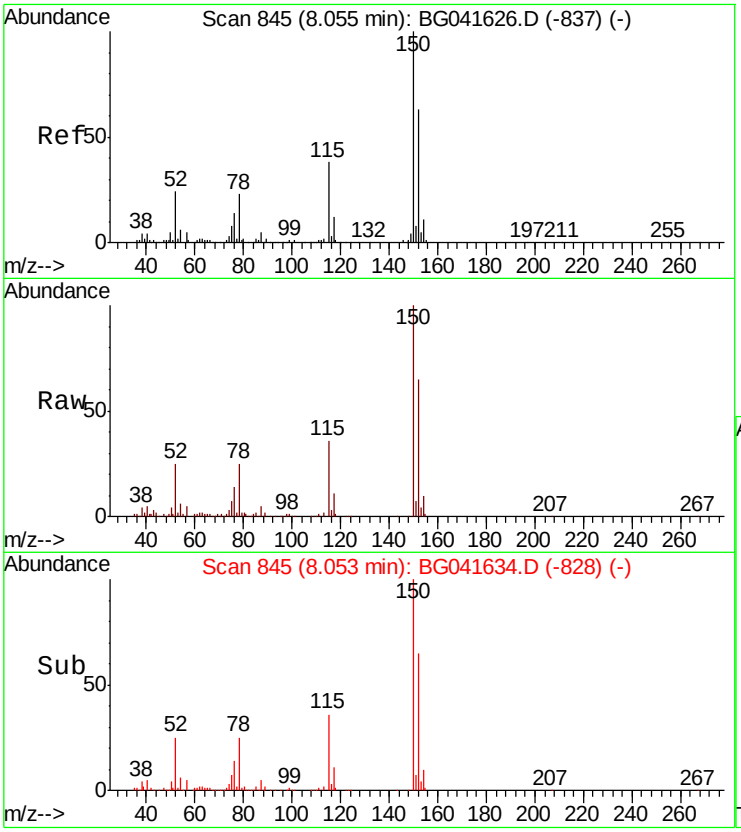


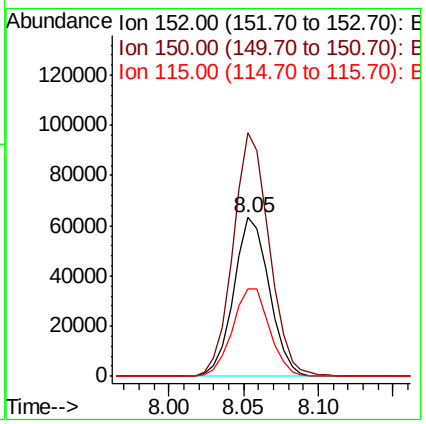


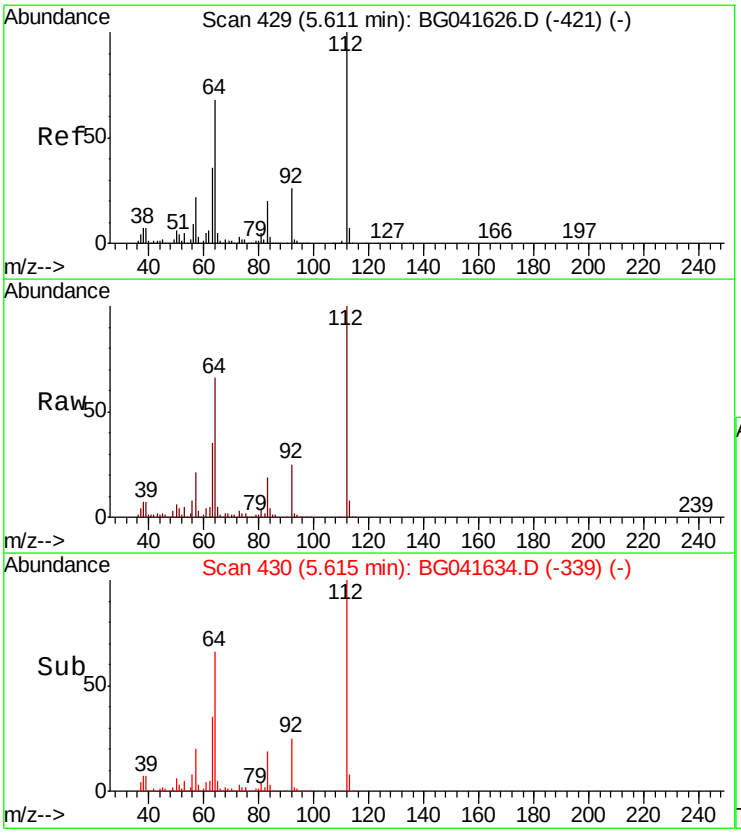
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG041634.D
Acq: 12 Jul 2019 11:07

Instrument :
BNA_G
ClientSampleId :
SP19-JMW0980

Tgt Ion:152 Resp: 105038

Ion	Ratio	Lower	Upper
152	100		
150	153.3	120.6	181.0
115	55.2	47.9	71.9

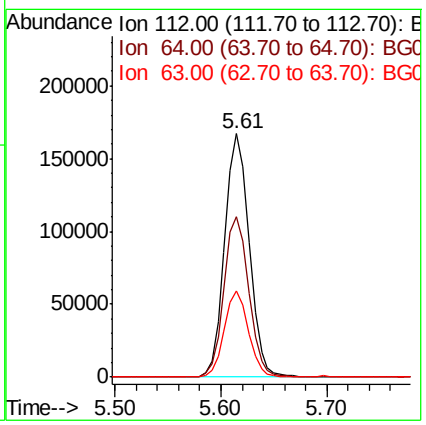


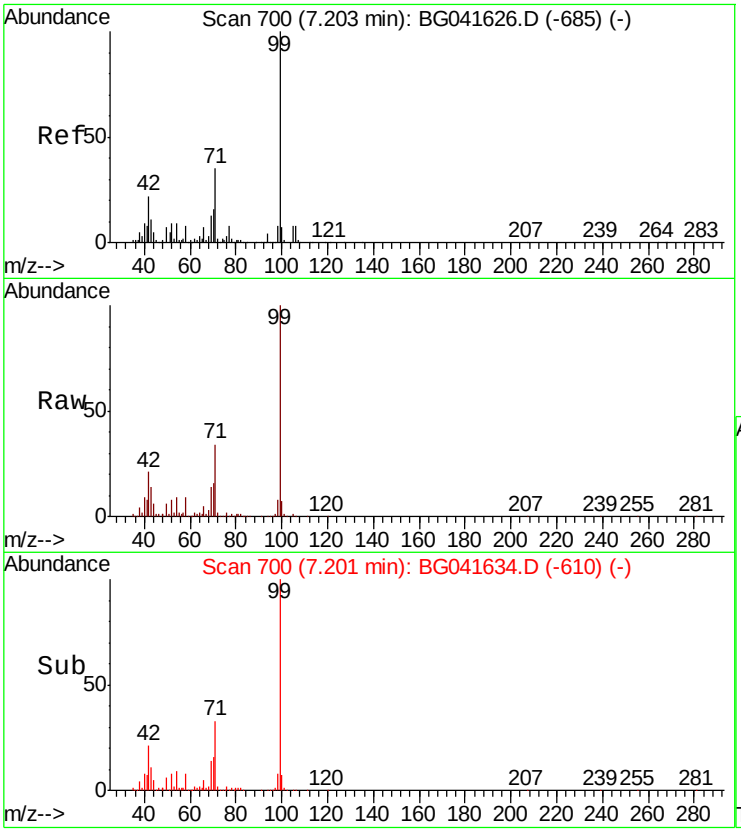


#5
2-Fluorophenol
Concen: 42.817 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG041634.D
Acq: 12 Jul 2019 11:07

Tgt Ion:112 Resp: 268008

Ion	Ratio	Lower	Upper
112	100		
64	66.1	55.9	83.9
63	35.4	34.6	51.8



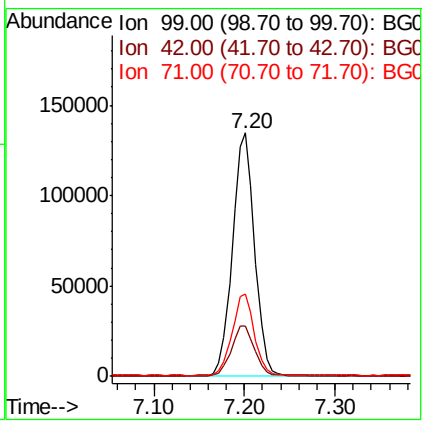


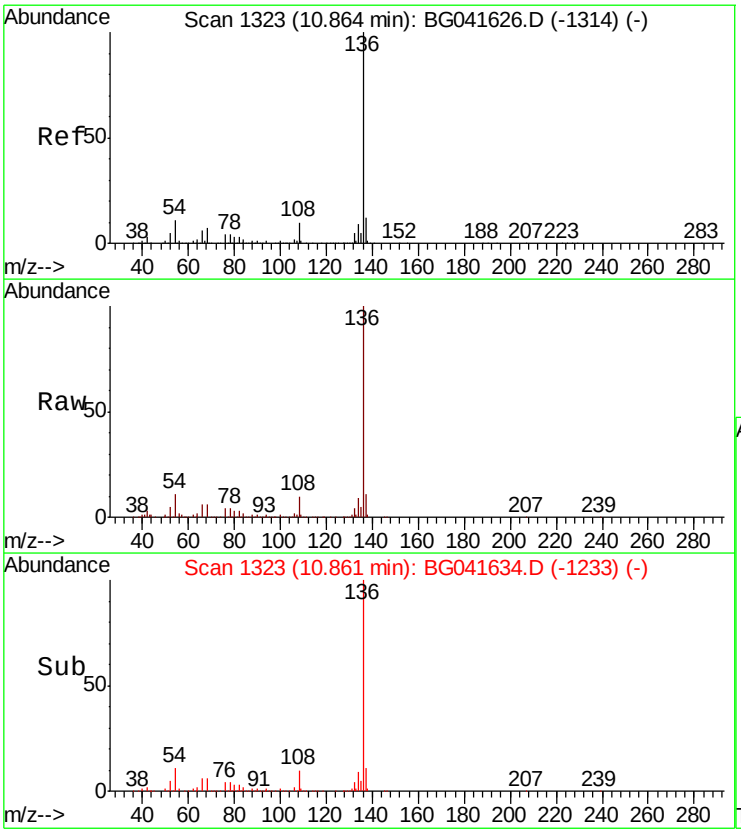
#7
Phenol-d6
Concen: 27.087 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.00 min
Lab File: BG041634.D
Acq: 12 Jul 2019 11:07

Instrument :
BNA_G
ClientSampleId :
SP19-JMW0980

Tgt Ion: 99 Resp: 229697

Ion	Ratio	Lower	Upper
99	100		
42	20.9	19.9	29.9
71	33.6	36.4	54.6#

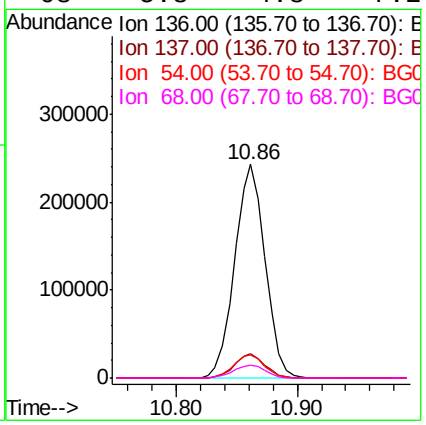


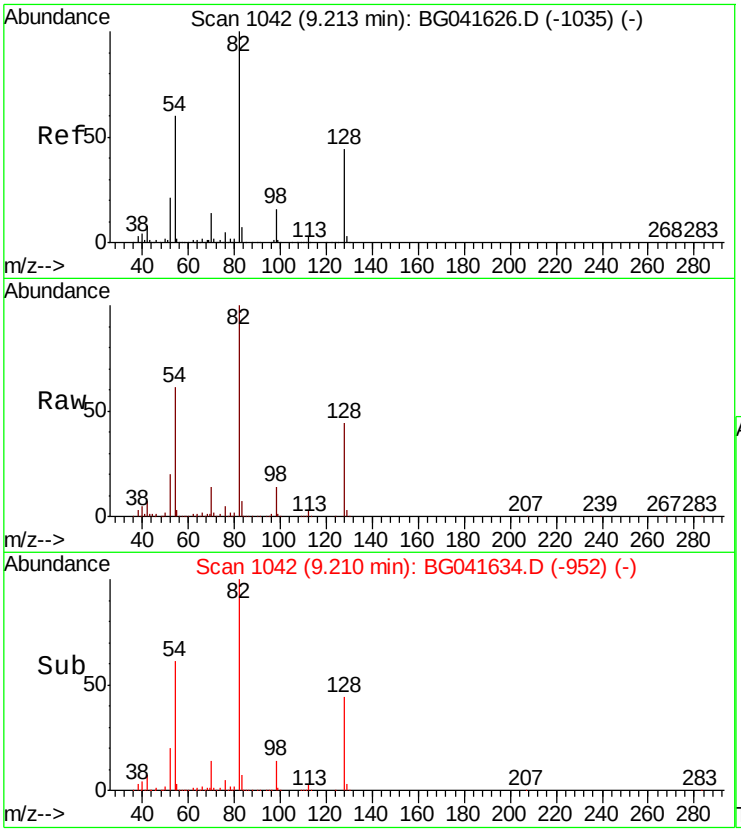


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG041634.D
Acq: 12 Jul 2019 11:07

Tgt Ion:136 Resp: 424014

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.9	6.4	9.6#
68	5.8	4.8	7.2



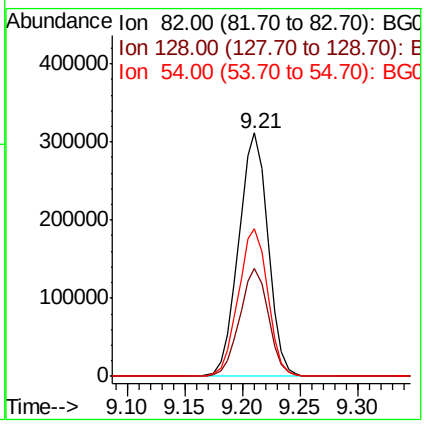


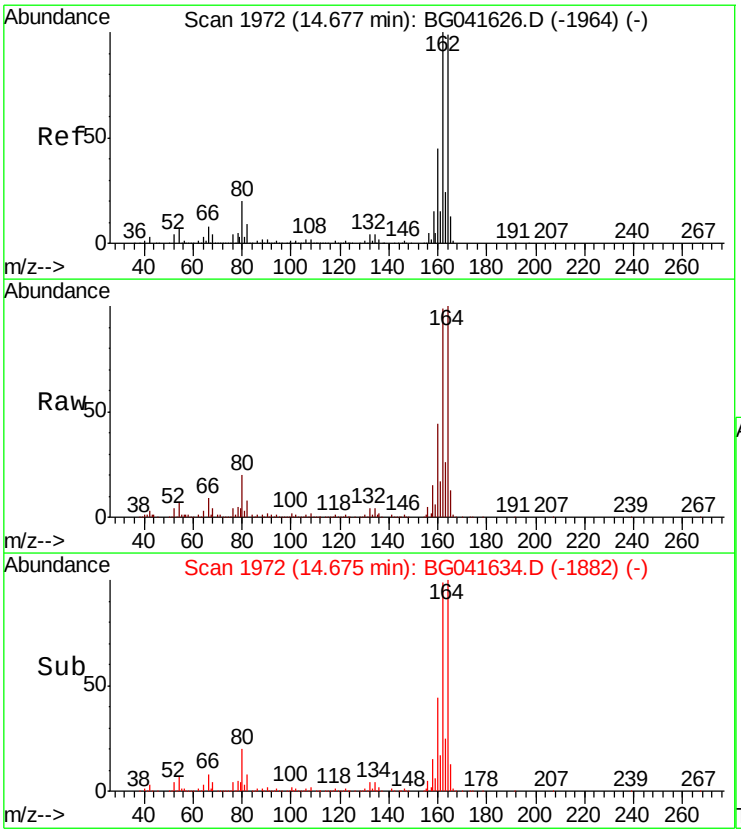
#23
Nitrobenzene-d5
Concen: 79.019 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041634.D
Acq: 12 Jul 2019 11:07

Instrument :
BNA_G
ClientSampleId :
SP19-JMW0980

Tgt Ion: 82 Resp: 549770

Ion	Ratio	Lower	Upper
82	100		
128	44.2	29.2	43.8#
54	60.8	43.4	65.0

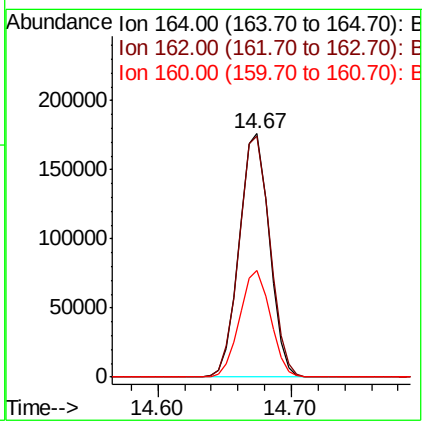


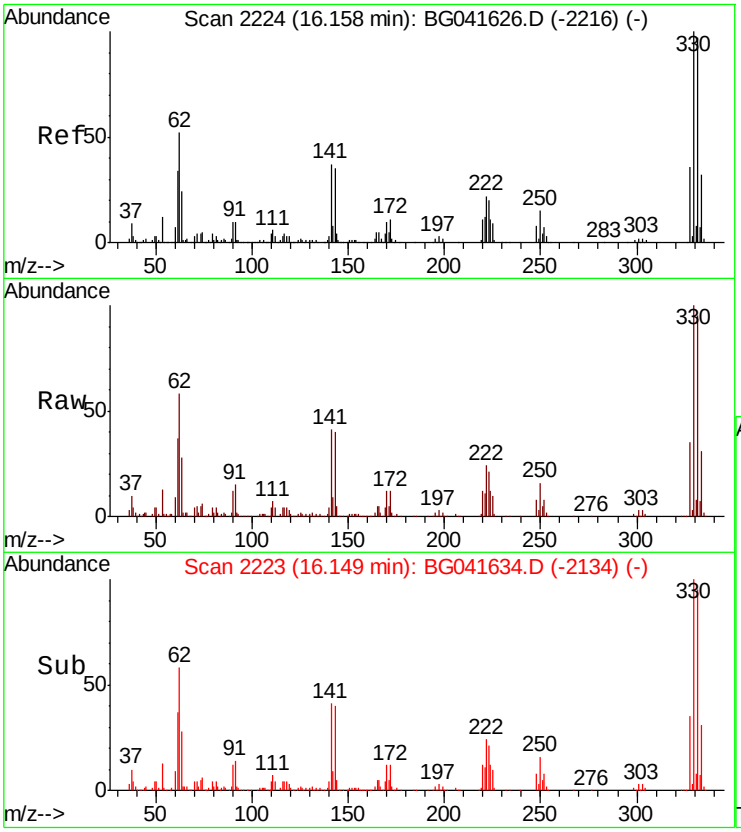


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG041634.D
Acq: 12 Jul 2019 11:07

Tgt Ion:164 Resp: 273171

Ion	Ratio	Lower	Upper
164	100		
162	98.8	82.8	124.2
160	44.0	35.8	53.8



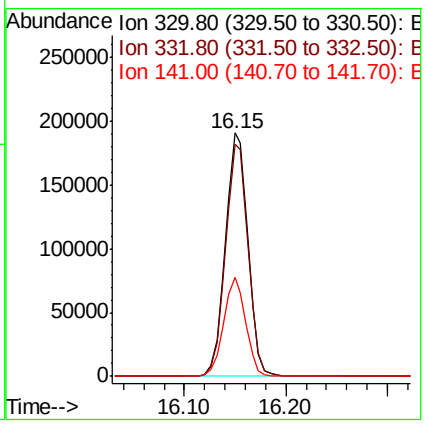


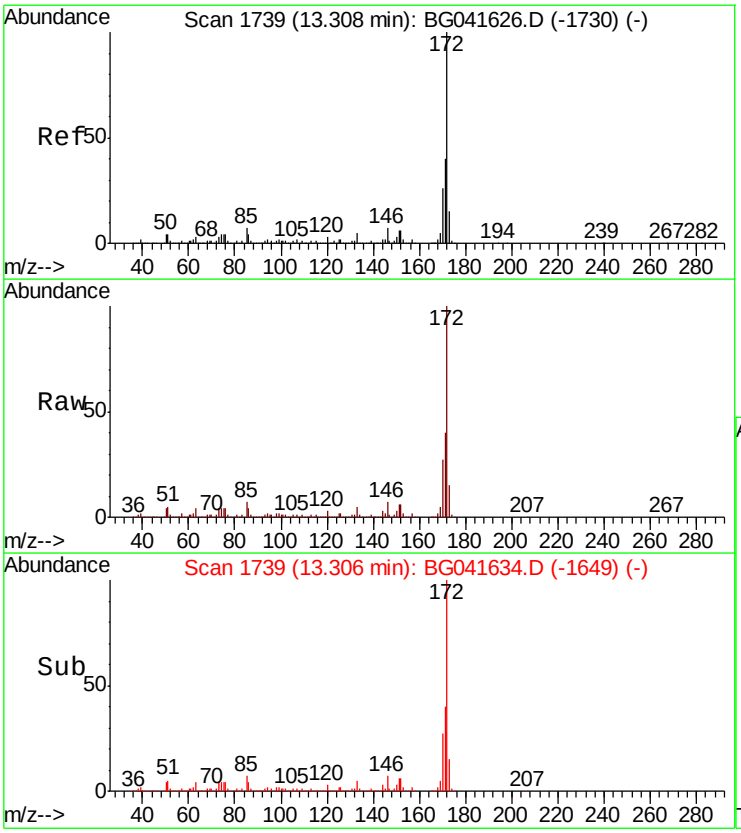
#42
2,4,6-Tribromophenol
Concen: 93.785 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG041634.D
Acq: 12 Jul 2019 11:07

Instrument :
BNA_G
ClientSampleId :
SP19-JMW0980

Tgt Ion:330 Resp: 292963

Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.5	113.3
141	39.7	29.0	43.4

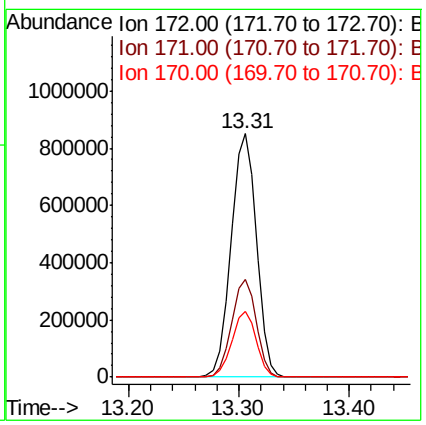


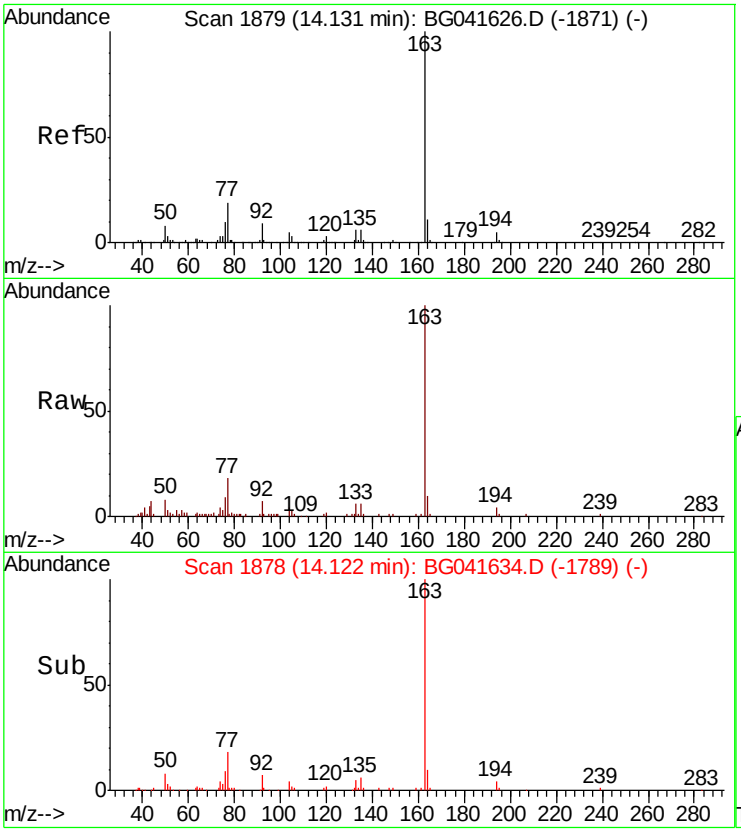


#45
2-Fluorobiphenyl
Concen: 78.764 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.00 min
Lab File: BG041634.D
Acq: 12 Jul 2019 11:07

Tgt Ion:172 Resp: 1368574

Ion	Ratio	Lower	Upper
172	100		
171	40.1	30.0	45.0
170	27.1	19.8	29.6



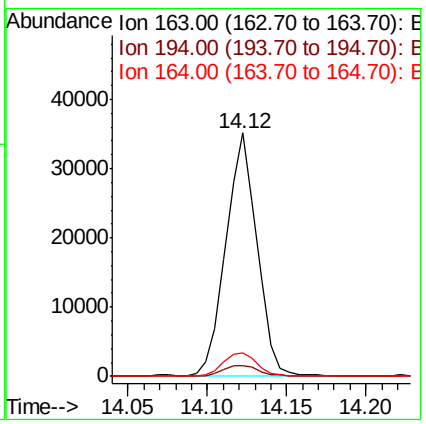


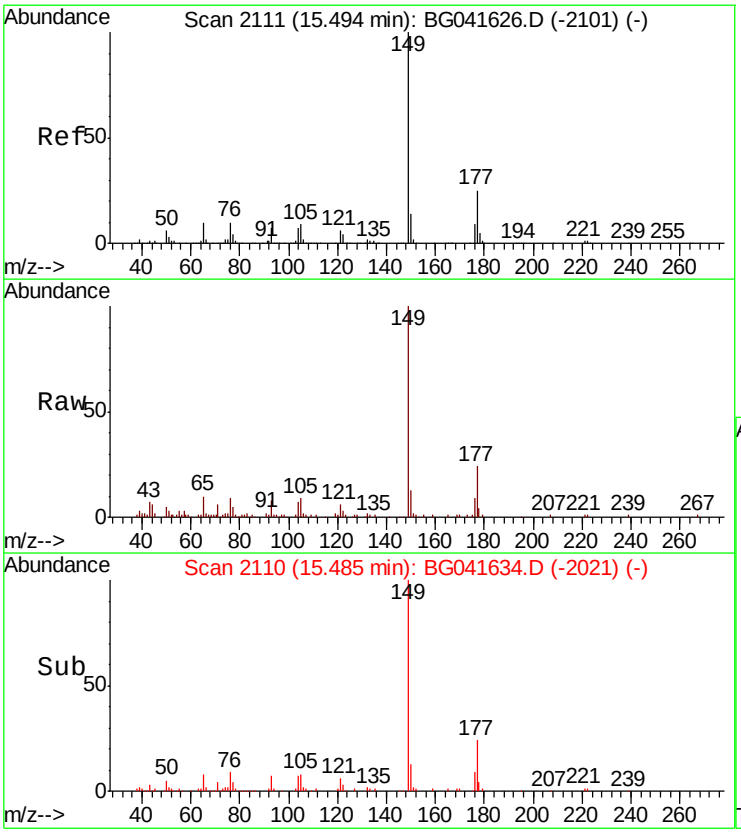
#50
Dimethylphthalate
Concen: 2.238 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG041634.D
Acq: 12 Jul 2019 11:07

Instrument :
BNA_G
ClientSampleId :
SP19-JMW0980

Tgt Ion:163 Resp: 47911

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.9	5.9
164	9.6	8.3	12.5

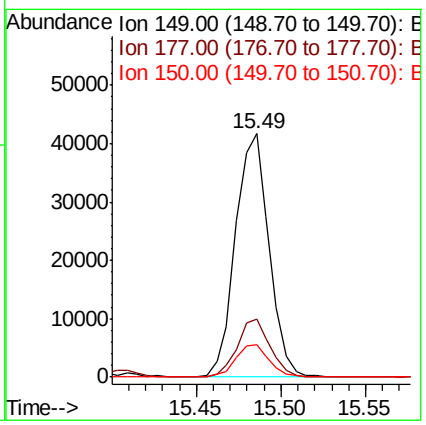


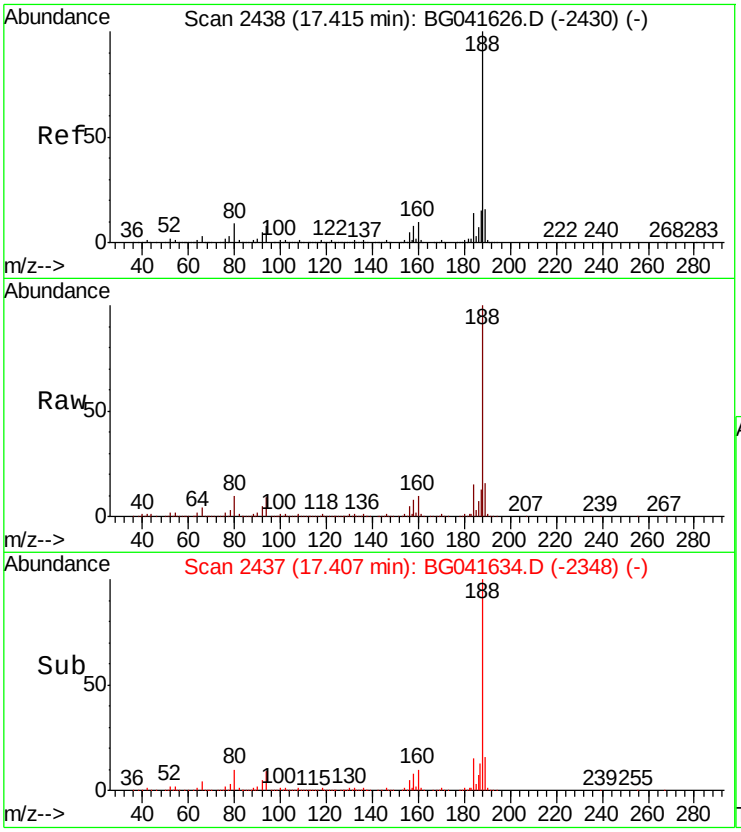


#60
Diethylphthalate
Concen: 2.660 ng
RT: 15.49 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG041634.D
Acq: 12 Jul 2019 11:07

Tgt Ion:149 Resp: 57563

Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.4	27.6
150	13.3	9.9	14.9



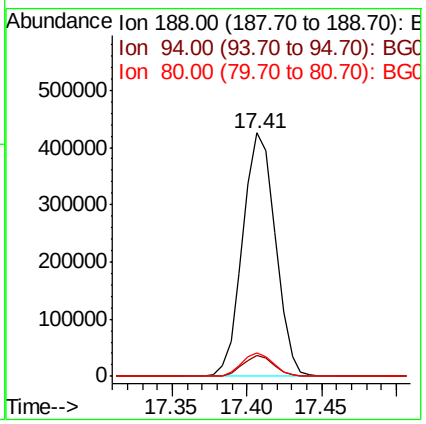


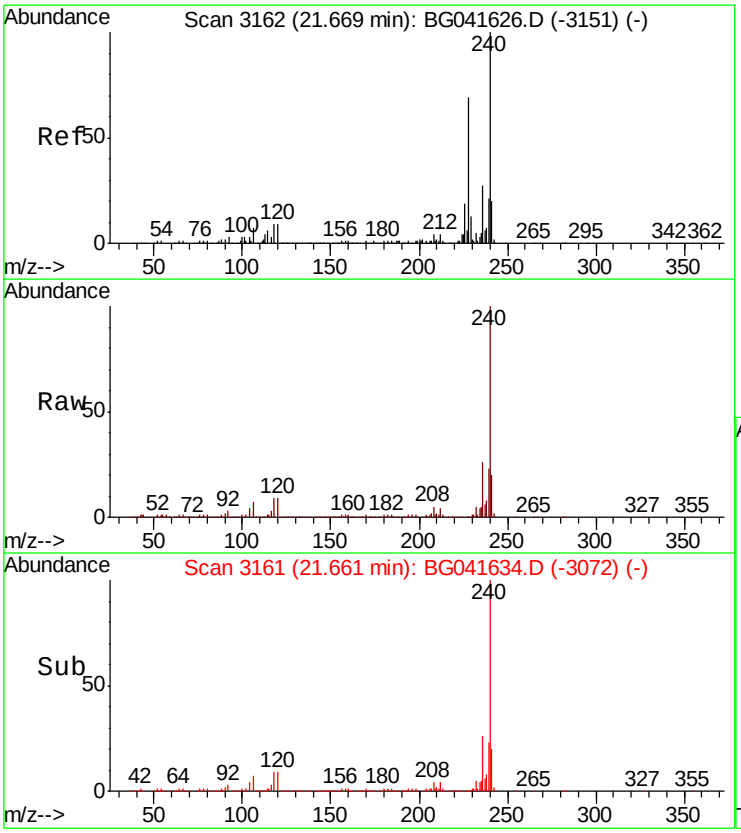
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG041634.D
Acq: 12 Jul 2019 11:07

Instrument :
BNA_G
ClientSampleId :
SP19-JMW0980

Tgt Ion:188 Resp: 644642

Ion	Ratio	Lower	Upper
188	100		
94	8.7	3.6	5.4#
80	9.7	4.8	7.2#

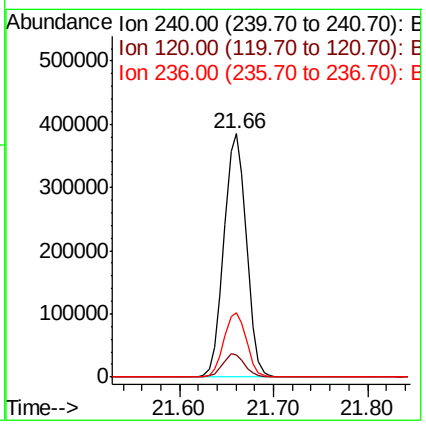


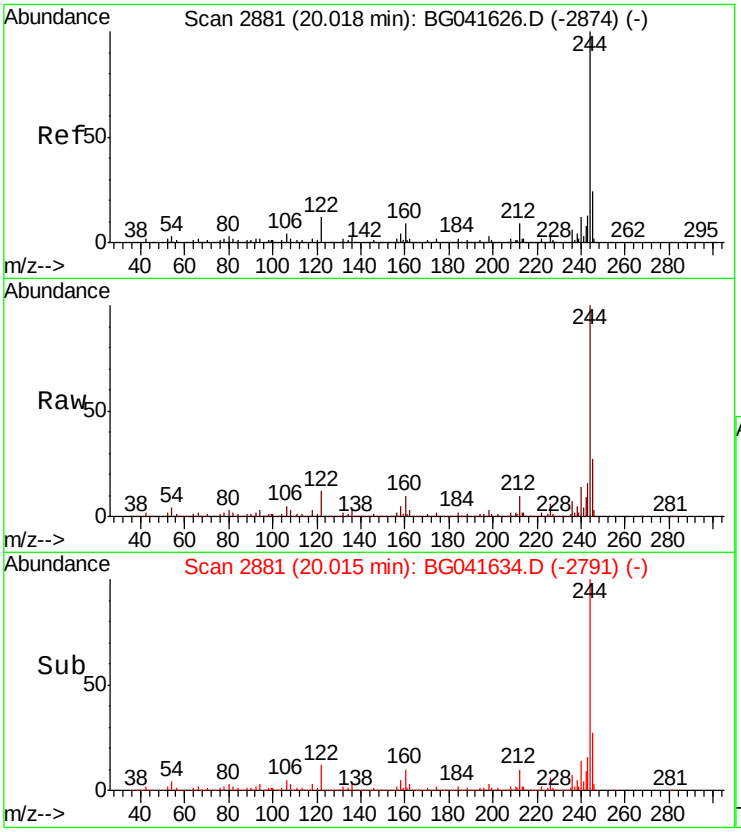


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG041634.D
Acq: 12 Jul 2019 11:07

Tgt Ion:240 Resp: 635942

Ion	Ratio	Lower	Upper
240	100		
120	9.0	3.7	5.5#
236	26.3	21.1	31.7



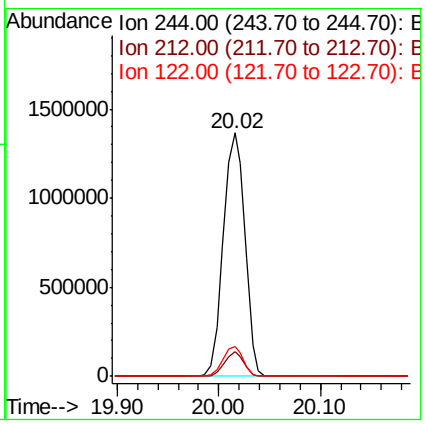


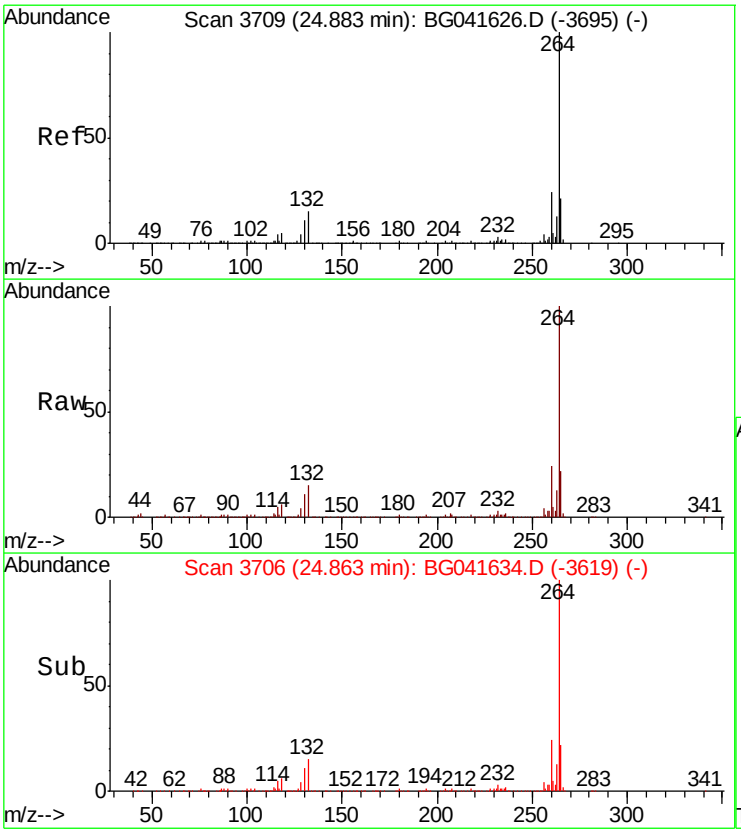
#79
Terphenyl-d14
Concen: 77.559 ng
RT: 20.02 min Scan# 2881
Delta R.T. -0.00 min
Lab File: BG041634.D
Acq: 12 Jul 2019 11:07

Instrument :
BNA_G
ClientSampleId :
SP19-JMW0980

Tgt Ion:244 Resp: 2018096

Ion	Ratio	Lower	Upper
244	100		
212	10.0	6.6	10.0#
122	12.3	5.0	7.4#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.02 min
Lab File: BG041634.D
Acq: 12 Jul 2019 11:07

Tgt Ion:264 Resp: 710681

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.2
265	21.8	17.2	25.8