Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040238.D
Acq On : 29 Mar 2019 23:16
Operator : JU/SJ
Sample : K2138-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S6A-S6B(21-25)COMP

Quant Time: Mar 30 04:53:32 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	8.06	152	54559	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	228517	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	158221	20.00	ng	-0.02
64) Phenanthrene-d10	17.44	188	409429	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	411723	20.00	ng	-0.02
87) Perylene-d12	24.99	264	411926	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	488002	148.69	ng	-0.01
7) Phenol-d6	7.21	99	701620	154.69	ng	-0.01
23) Nitrobenzene-d5	9.23	82	408918	95.11	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	301995	176.61	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	981334	91.90	ng	-0.01
79) Terphenyl-d14	20.03	244	1534889	83.87	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.24	94	17599	3.575	ng	90
50) Dimethylphthalate	14.13	163	75263	6.078	ng	99

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

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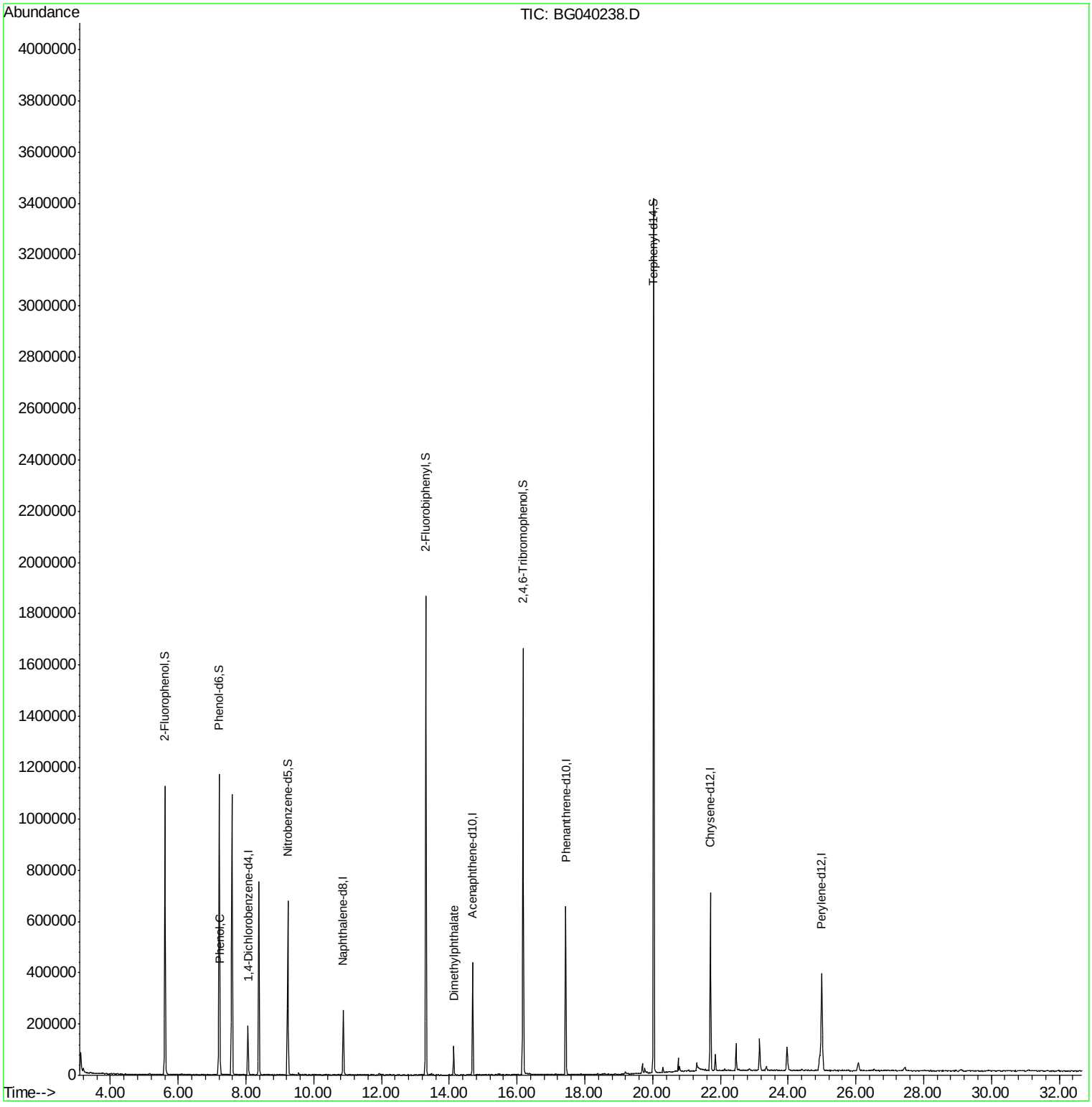
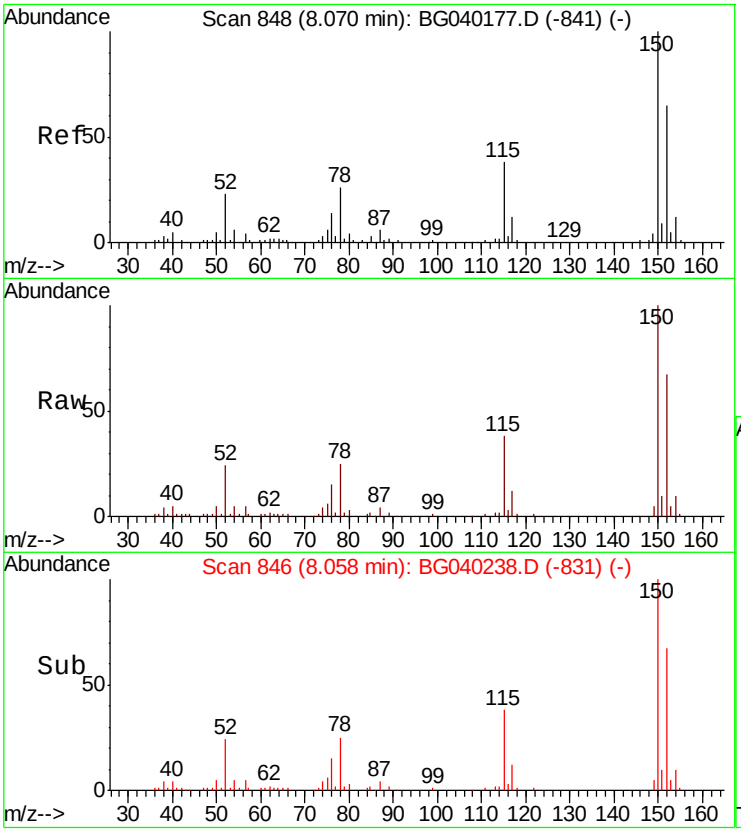


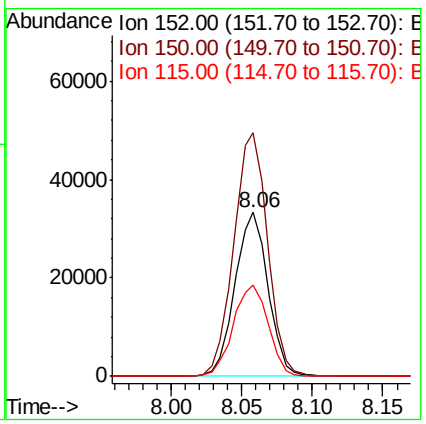


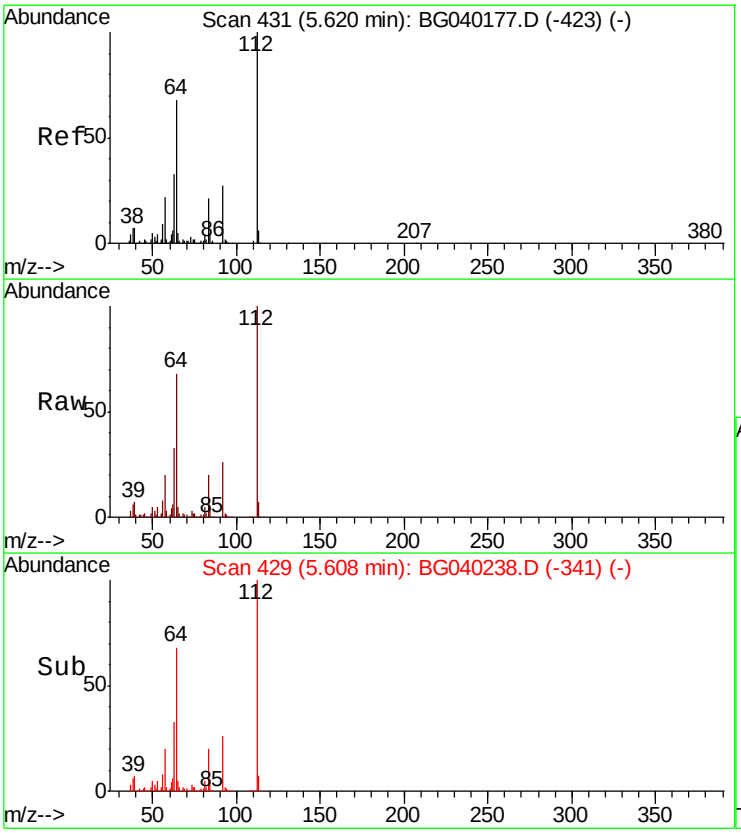
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BG040238.D
Acq: 29 Mar 2019 23:16

Instrument :
BNA_G
ClientSampleId :
S6A-S6B(21-25)COMP

Tgt Ion:152 Resp: 54559

Ion	Ratio	Lower	Upper
152	100		
150	148.5	123.7	185.5
115	55.7	46.9	70.3

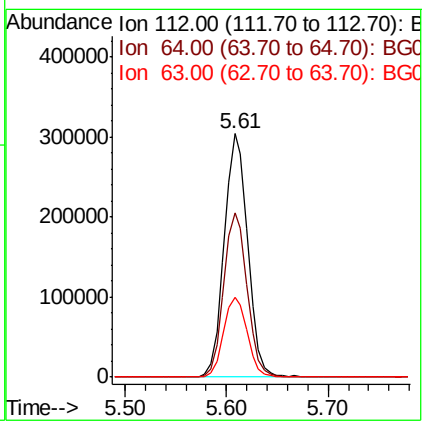


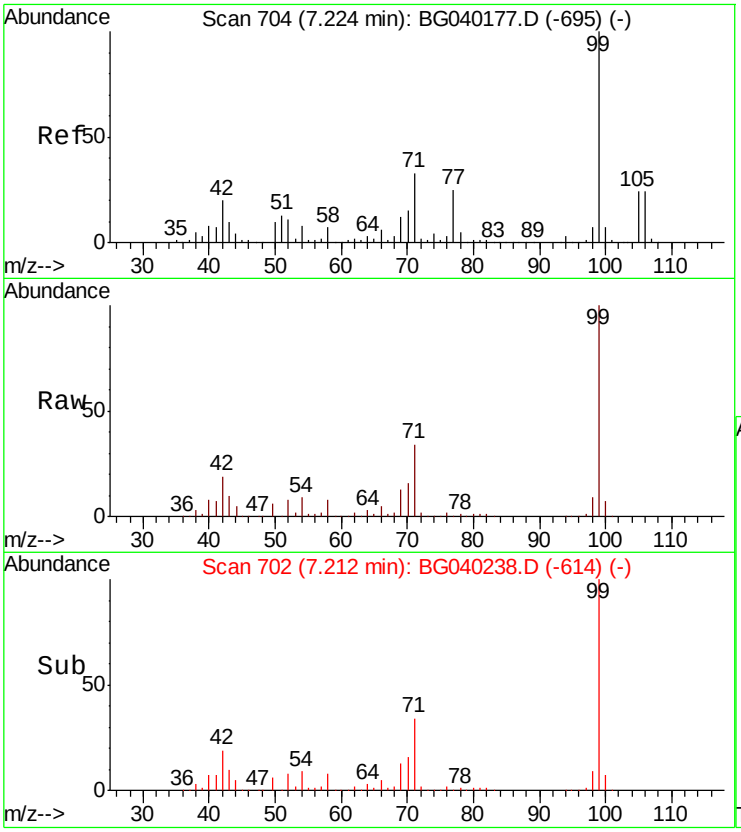


#5
2-Fluorophenol
Concen: 148.694 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040238.D
Acq: 29 Mar 2019 23:16

Tgt Ion:112 Resp: 488002

Ion	Ratio	Lower	Upper
112	100		
64	67.6	54.2	81.2
63	32.7	26.4	39.6



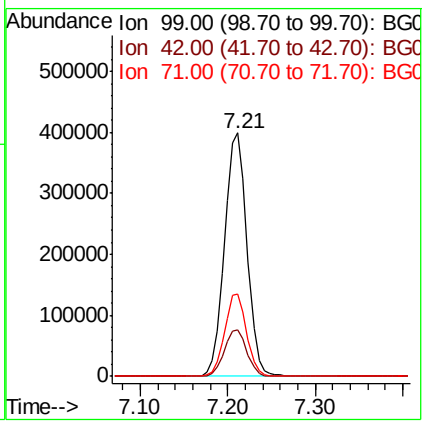


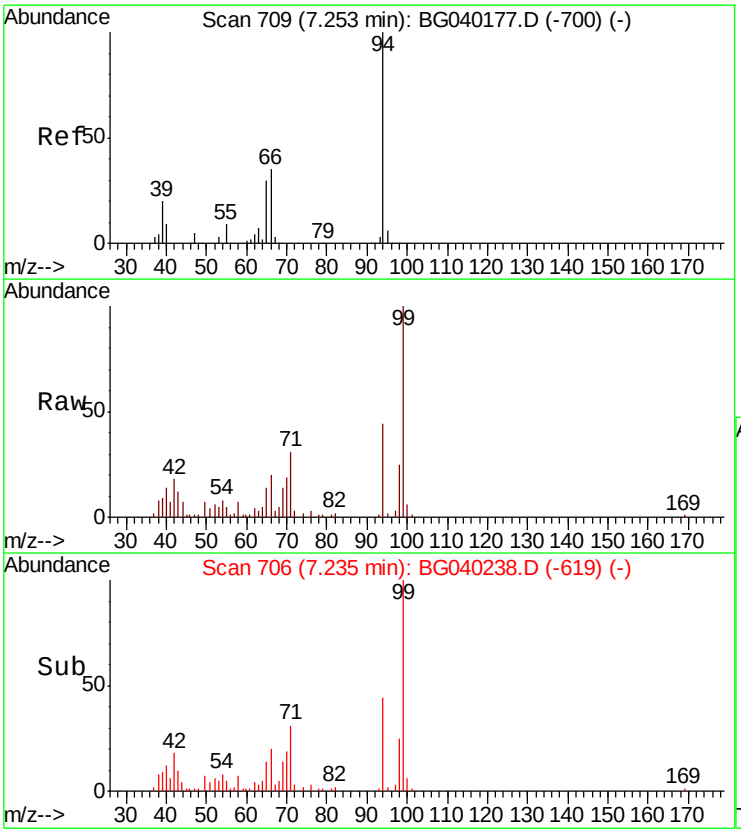
#7
Phenol-d6
Concen: 154.690 ng
RT: 7.21 min Scan# 702
Delta R.T. -0.01 min
Lab File: BG040238.D
Acq: 29 Mar 2019 23:16

Instrument :
BNA_G
ClientSampleId :
S6A-S6B(21-25)COMP

Tgt Ion: 99 Resp: 701620

Ion	Ratio	Lower	Upper
99	100		
42	19.0	16.2	24.2
71	34.0	26.8	40.2

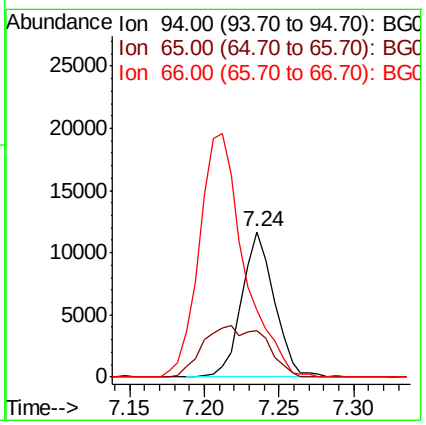


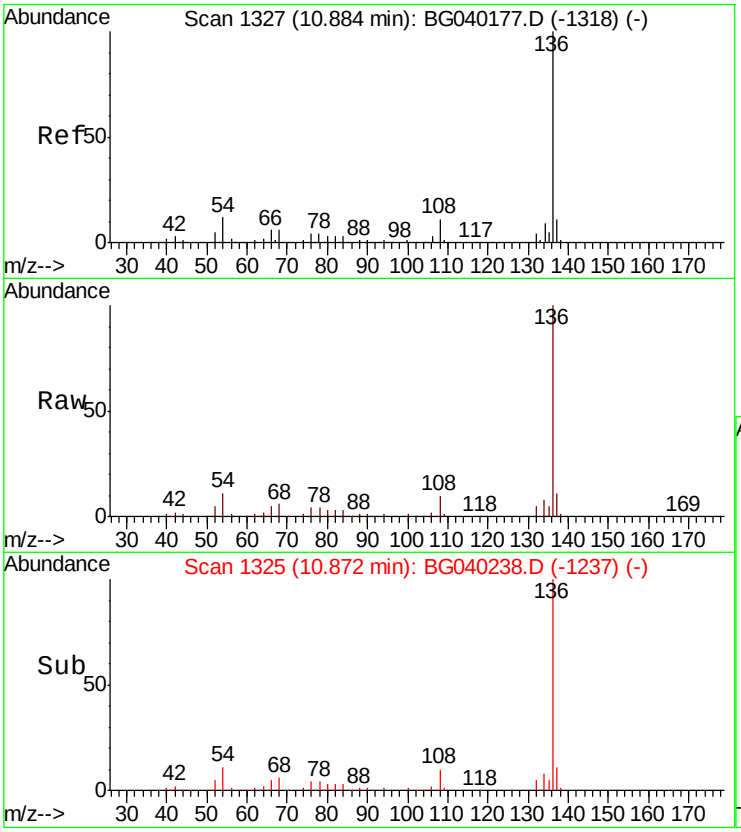


#10
Phenol
Concen: 3.575 ng
RT: 7.24 min Scan# 706
Delta R.T. -0.02 min
Lab File: BG040238.D
Acq: 29 Mar 2019 23:16

Tgt Ion: 94 Resp: 17599

Ion	Ratio	Lower	Upper
94	100		
65	32.2	10.5	50.5
66	46.2	16.9	56.9



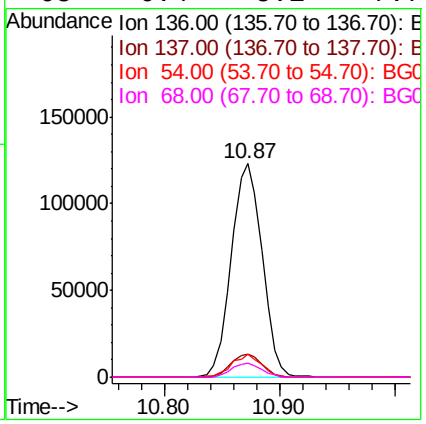


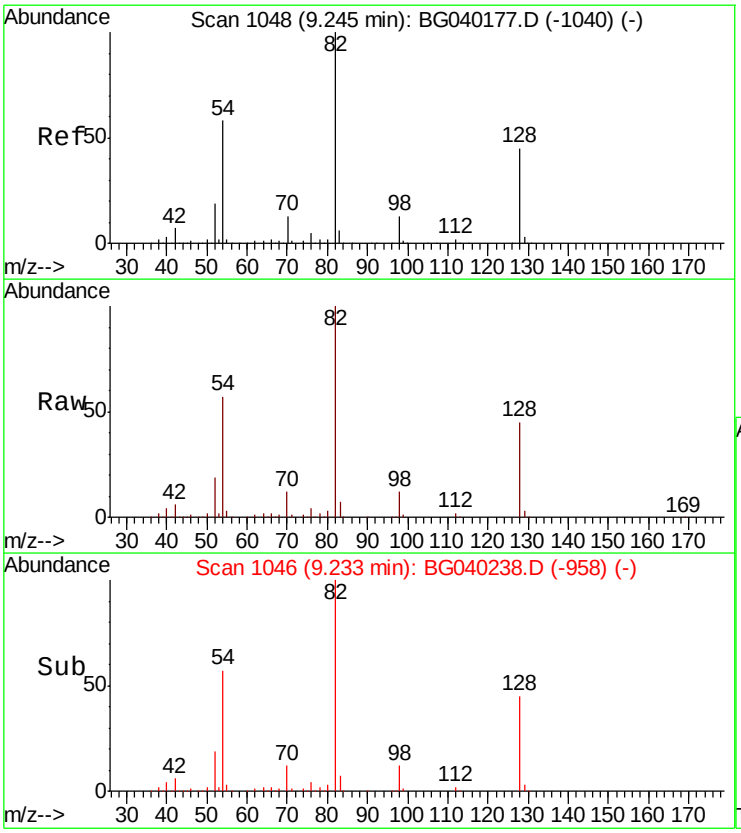
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG040238.D
Acq: 29 Mar 2019 23:16

Instrument :
BNA_G
ClientSampleId :
S6A-S6B(21-25)COMP

Tgt Ion:136 Resp: 228517

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.8	9.6	14.4
68	6.4	5.1	7.7

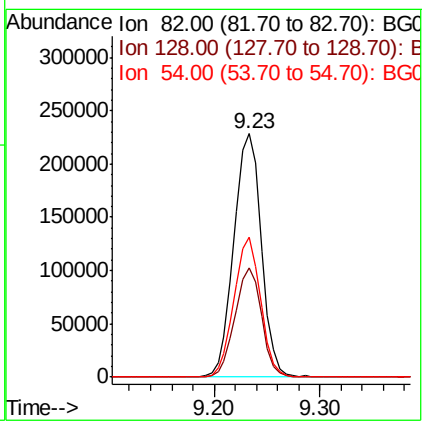


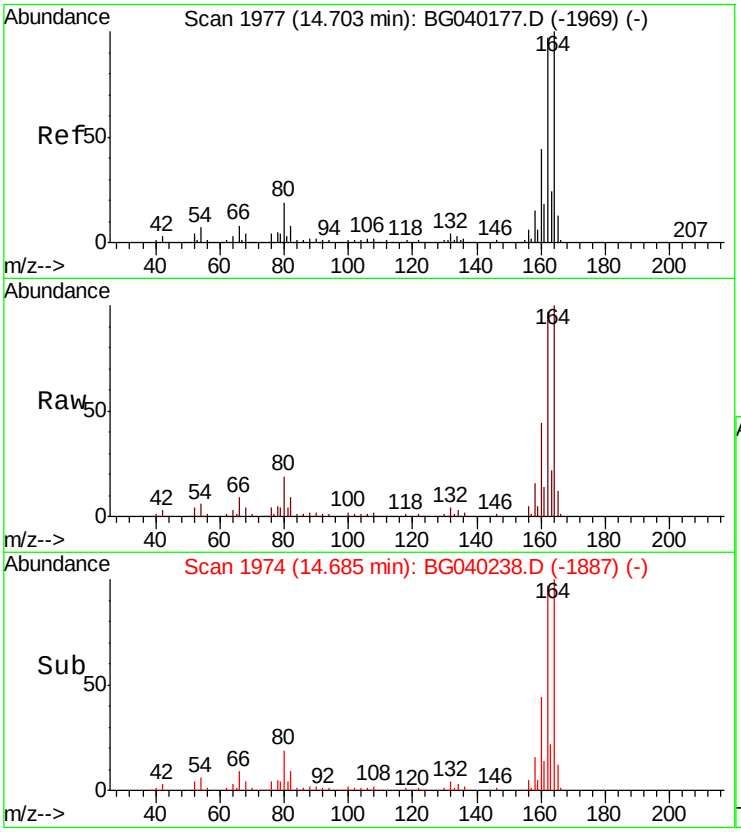


#23
Nitrobenzene-d5
Concen: 95.115 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG040238.D
Acq: 29 Mar 2019 23:16

Tgt Ion: 82 Resp: 408918

Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.8	53.8
54	57.4	46.2	69.2



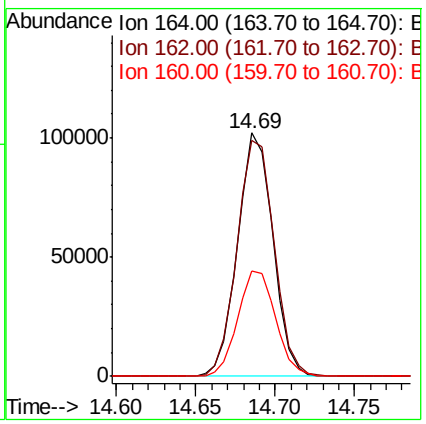


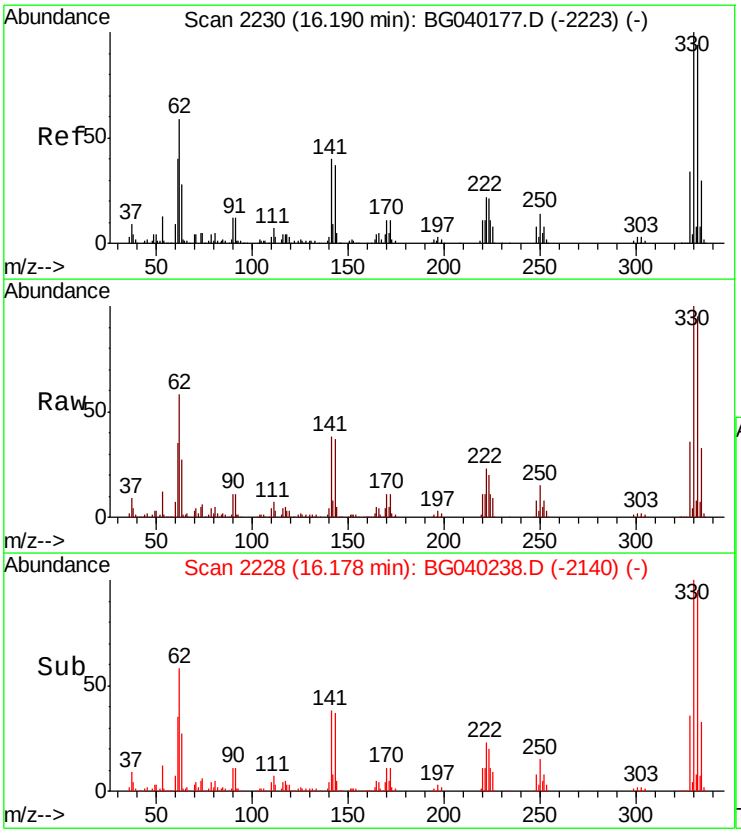
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG040238.D
Acq: 29 Mar 2019 23:16

Instrument :
BNA_G
ClientSampleId :
S6A-S6B(21-25)COMP

Tgt Ion:164 Resp: 158221

Ion	Ratio	Lower	Upper
164	100		
162	96.7	77.4	116.2
160	43.5	35.3	52.9

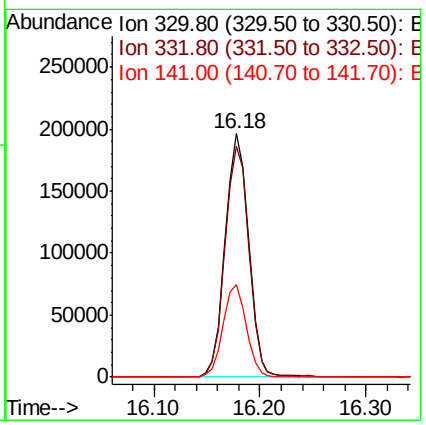


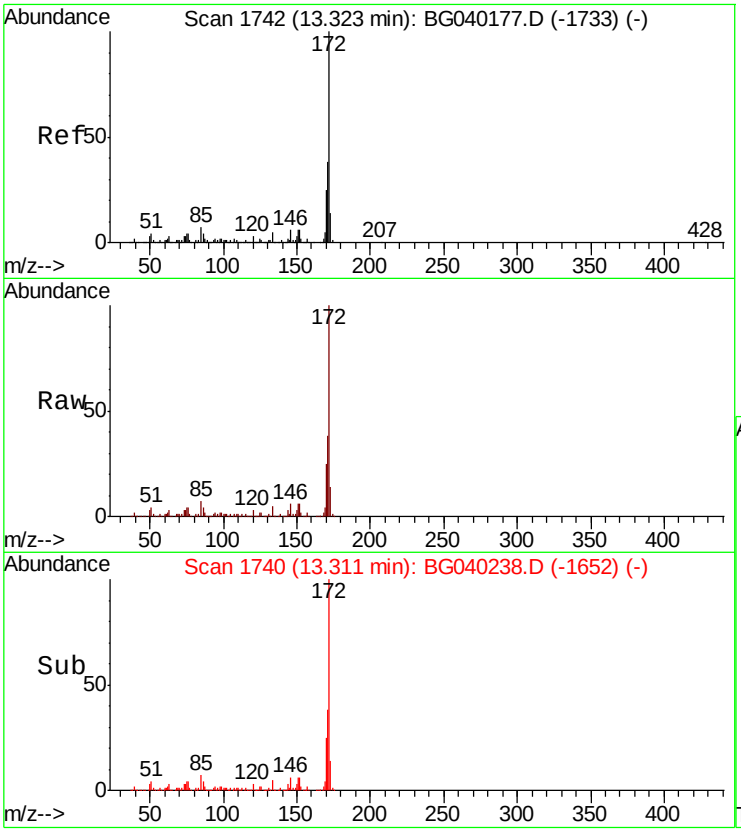


#42
2,4,6-Tribromophenol
Concen: 176.610 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BG040238.D
Acq: 29 Mar 2019 23:16

Tgt Ion:330 Resp: 301995

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	37.9	32.6	48.8



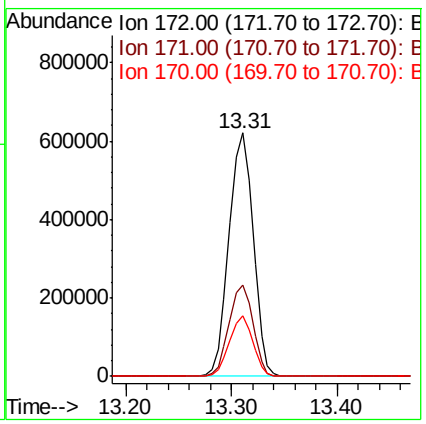


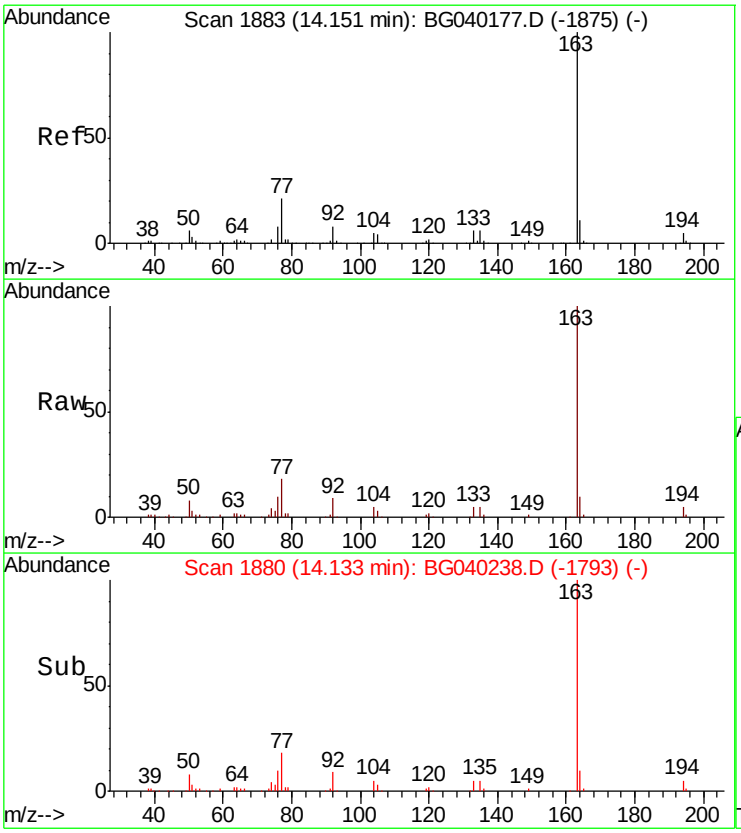
#45
2-Fluorobiphenyl
Concen: 91.903 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG040238.D
Acq: 29 Mar 2019 23:16

Instrument :
BNA_G
ClientSampleId :
S6A-S6B(21-25)COMP

Tgt Ion:172 Resp: 981334

Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.5	45.7
170	25.1	20.1	30.1

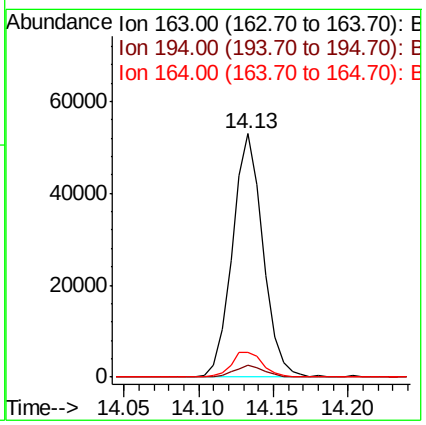


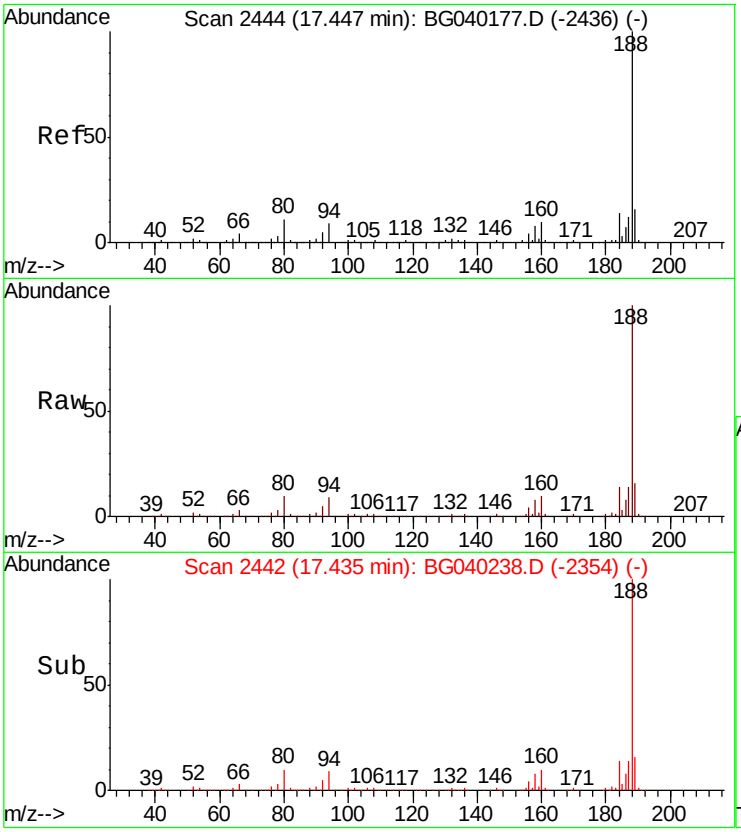


#50
Dimethylphthalate
Concen: 6.078 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG040238.D
Acq: 29 Mar 2019 23:16

Tgt Ion:163 Resp: 75263

Ion	Ratio	Lower	Upper
163	100		
194	5.0	4.1	6.1
164	10.2	8.6	13.0



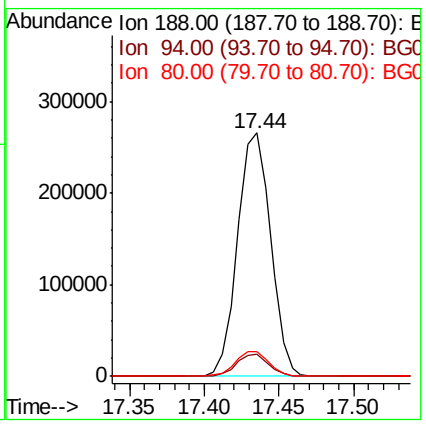


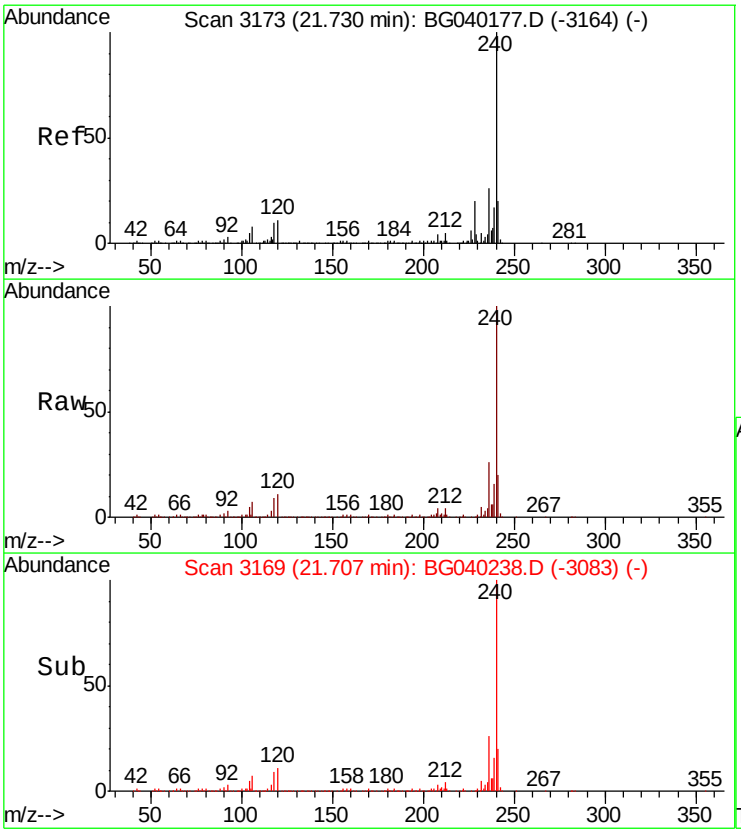
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG040238.D
Acq: 29 Mar 2019 23:16

Instrument :
BNA_G
ClientSampleId :
S6A-S6B(21-25)COMP

Tgt Ion:188 Resp: 409429

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.0	10.4
80	10.1	8.6	13.0

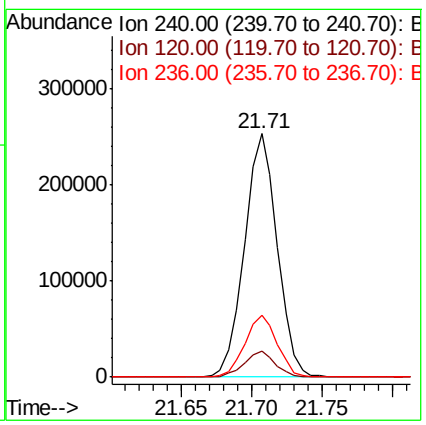


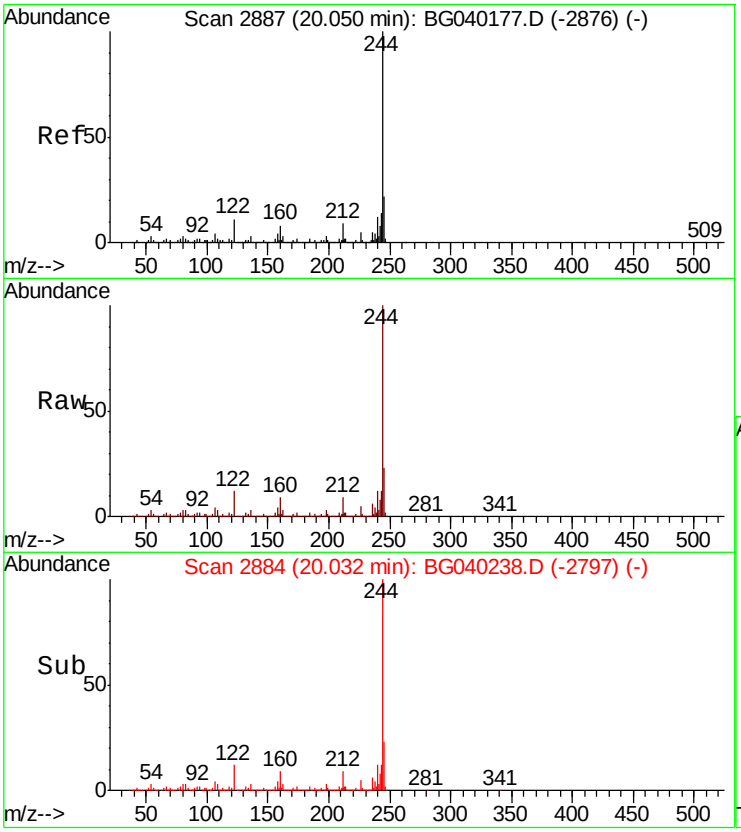


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG040238.D
Acq: 29 Mar 2019 23:16

Tgt Ion:240 Resp: 411723

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.4	12.6
236	25.6	20.8	31.2



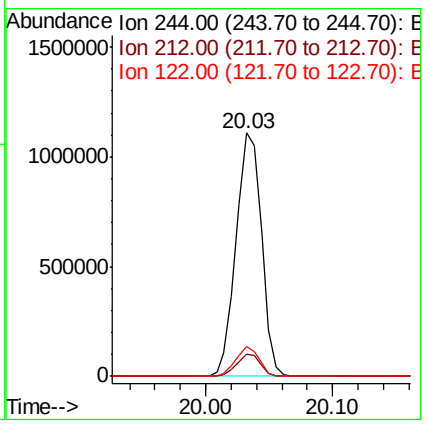


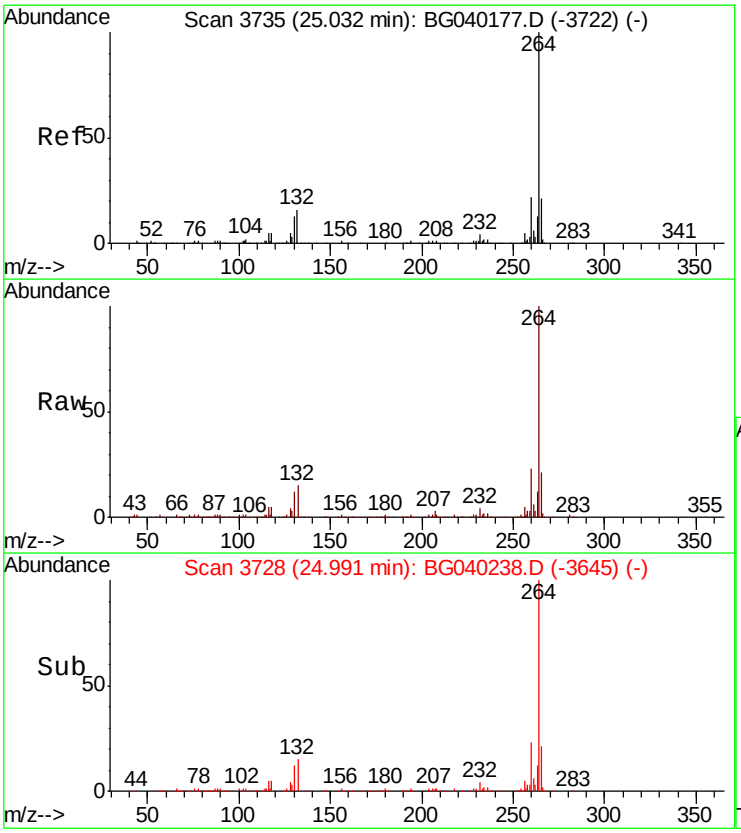
#79
Terphenyl-d14
Concen: 83.866 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.02 min
Lab File: BG040238.D
Acq: 29 Mar 2019 23:16

Instrument :
BNA_G
ClientSampleId :
S6A-S6B(21-25)COMP

Tgt Ion:244 Resp: 1534889

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	12.1	8.5	12.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.99 min Scan# 3728
Delta R.T. -0.04 min
Lab File: BG040238.D
Acq: 29 Mar 2019 23:16

Tgt Ion:264 Resp: 411926

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.9	26.9
265	21.0	16.8	25.2