Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
Data File : BG039851.D
Acq On : 11 Mar 2019 21:07
Operator : JU/SJ
Sample : K1837-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MR-MH-09-COMP

Quant Time: Mar 12 04:10:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	40687	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	170649	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	120441	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	304797	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	326351	20.00	ng	-0.02
87) Perylene-d12	25.18	264	325575	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	337942	141.70	ng	-0.01
7) Phenol-d6	7.30	99	495700	139.40	ng	-0.01
23) Nitrobenzene-d5	9.33	82	288294	91.37	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	204234	145.48	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	706782	83.55	ng	-0.01
79) Terphenyl-d14	20.12	244	1171478	79.04	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.33	94	14004	3.635	ng	96
50) Dimethylphthalate	14.22	163	58146	5.774	ng	98

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

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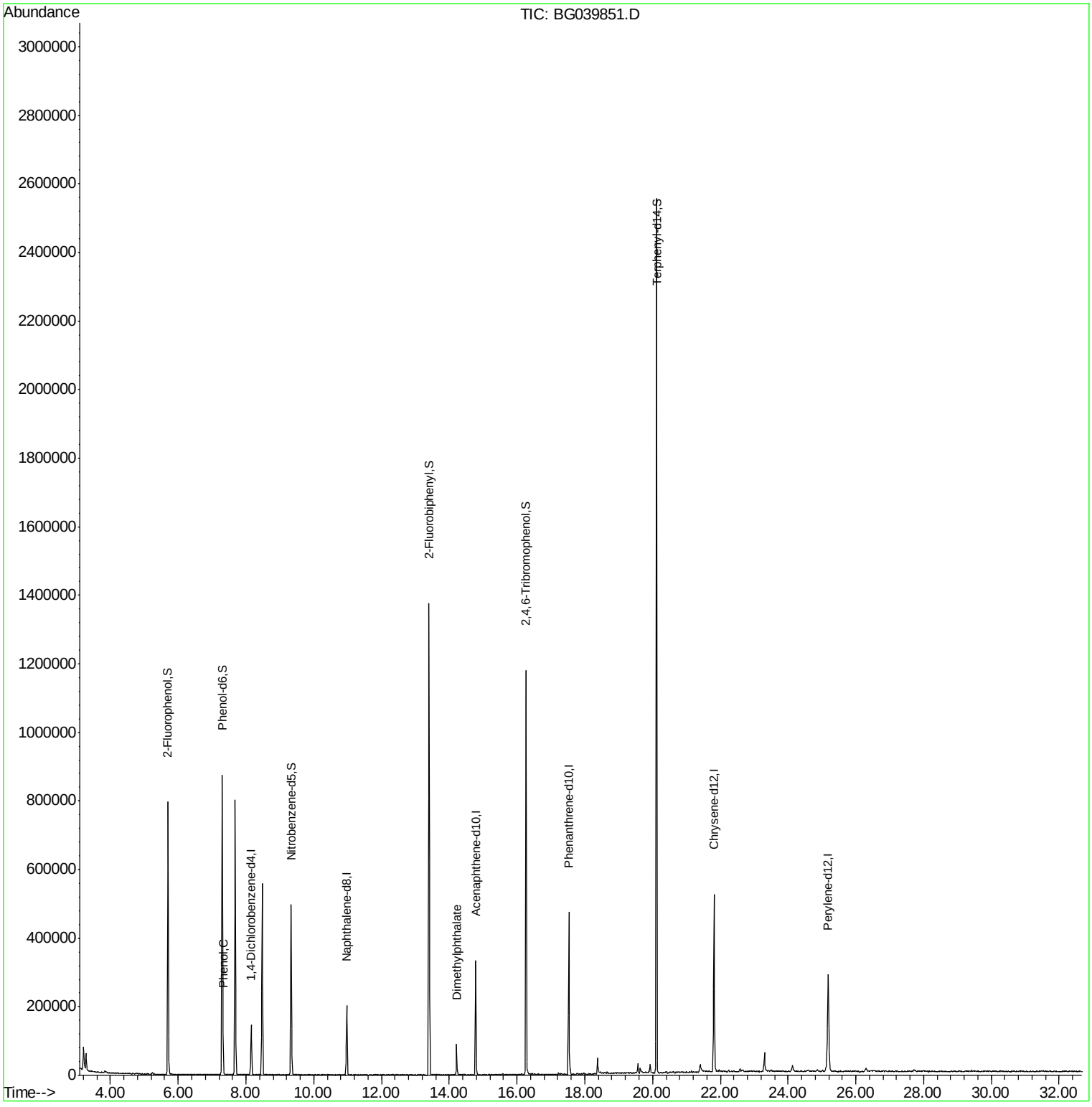
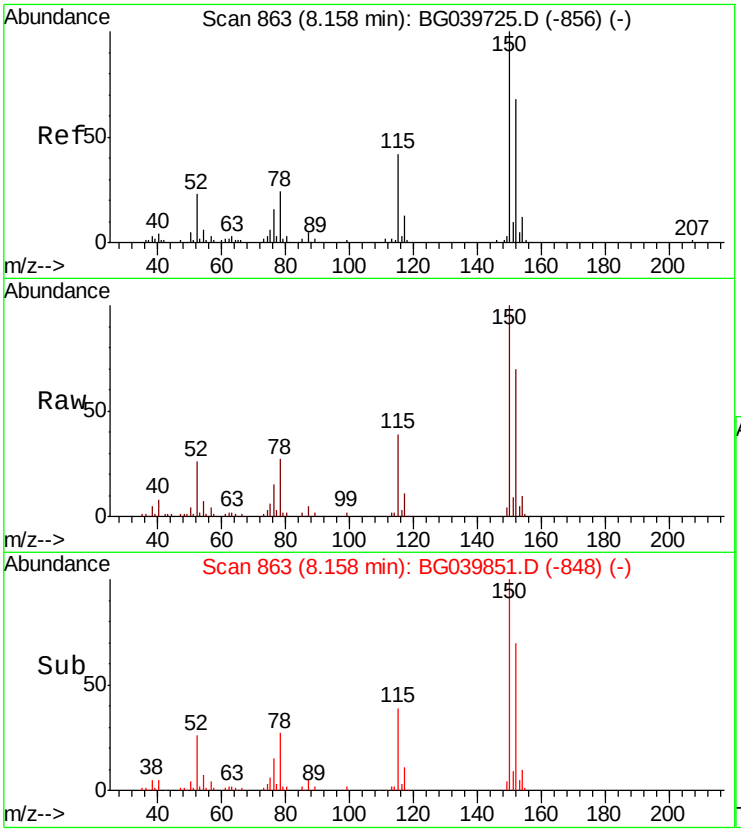


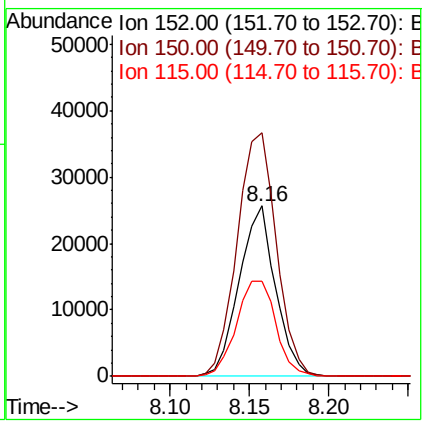


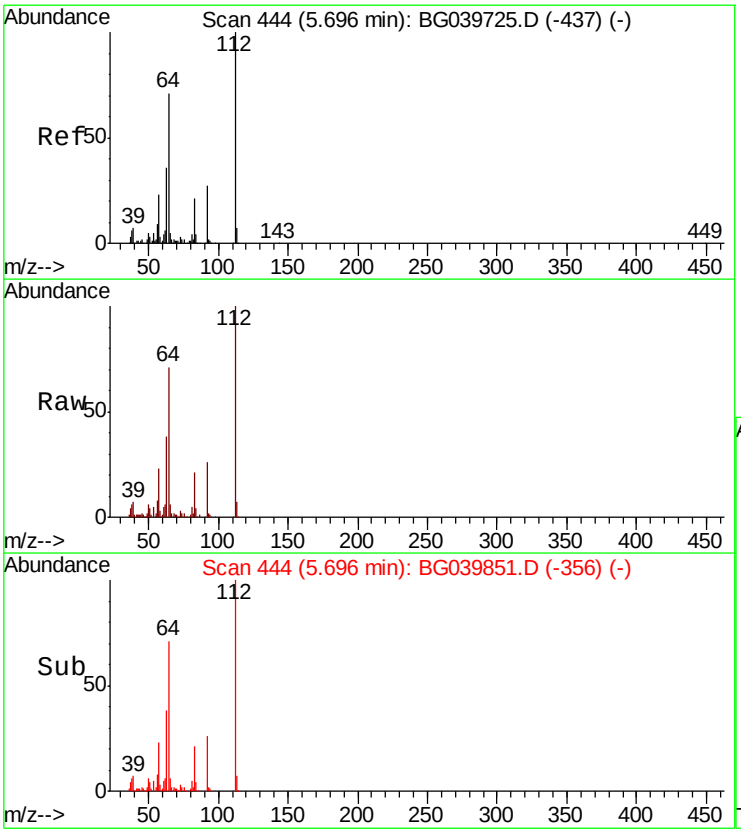
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039851.D
Acq: 11 Mar 2019 21:07

Instrument :
BNA_G
ClientSampleId :
MR-MH-09-COMP

Tgt Ion:152 Resp: 40687

Ion	Ratio	Lower	Upper
152	100		
150	143.1	123.7	185.5
115	55.8	45.9	68.9

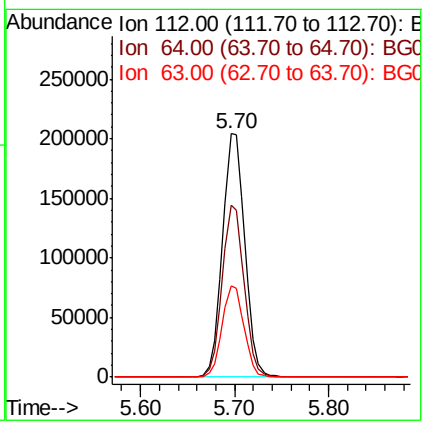


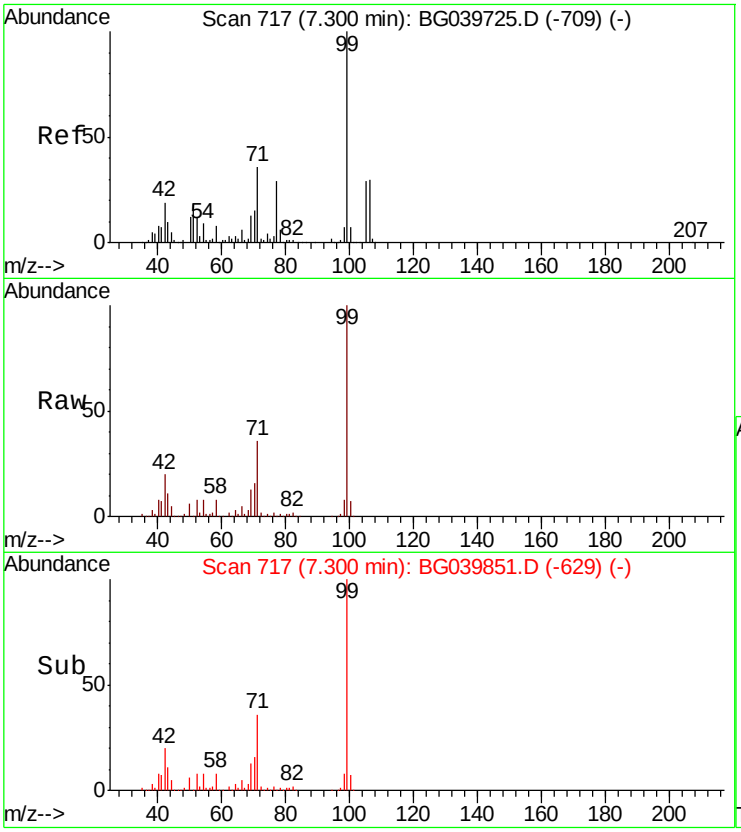


#5
2-Fluorophenol
Concen: 141.699 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039851.D
Acq: 11 Mar 2019 21:07

Tgt Ion:112 Resp: 337942

Ion	Ratio	Lower	Upper
112	100		
64	70.7	57.8	86.8
63	37.7	29.8	44.6



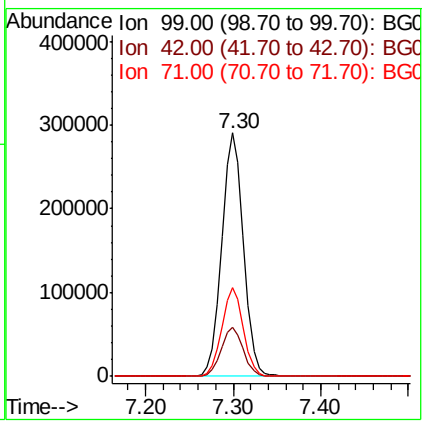


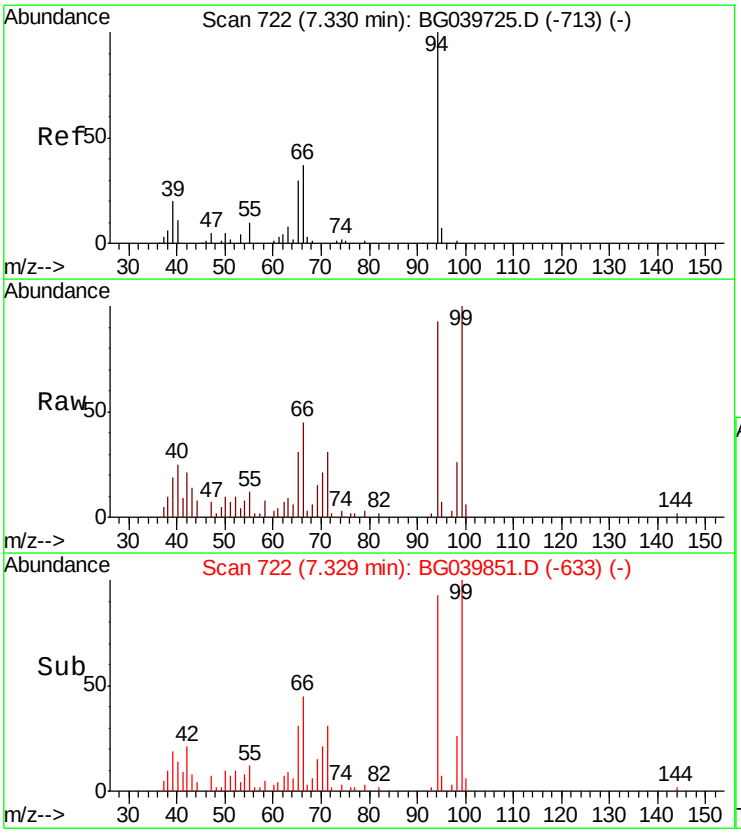
#7
Phenol-d6
Concen: 139.396 ng
RT: 7.30 min Scan# 717
Delta R.T. -0.01 min
Lab File: BG039851.D
Acq: 11 Mar 2019 21:07

Instrument :
BNA_G
ClientSampleId :
MR-MH-09-COMP

Tgt Ion: 99 Resp: 495700

Ion	Ratio	Lower	Upper
99	100		
42	20.4	18.2	27.2
71	36.3	28.0	42.0

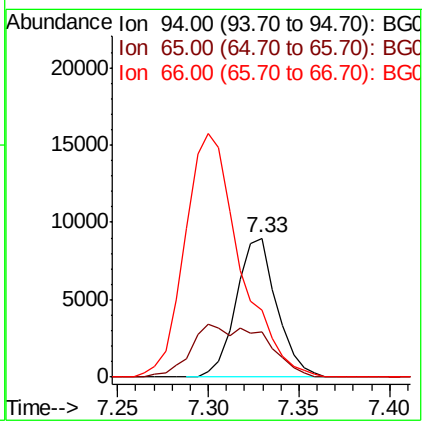


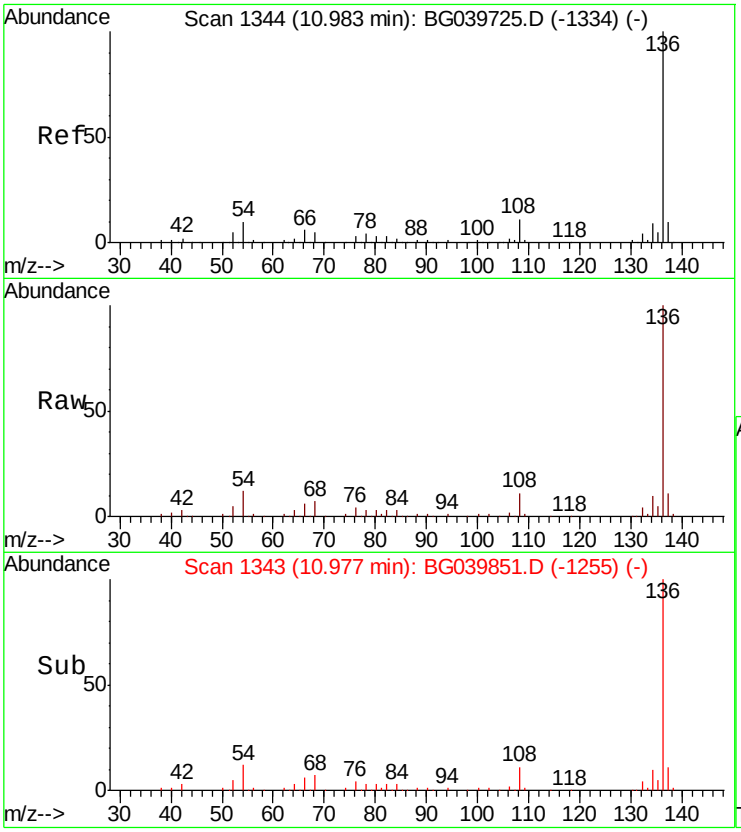


#10
Phenol
Concen: 3.635 ng
RT: 7.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BG039851.D
Acq: 11 Mar 2019 21:07

Tgt Ion: 94 Resp: 14004

Ion	Ratio	Lower	Upper
94	100		
65	32.7	11.7	51.7
66	47.8	23.7	63.7



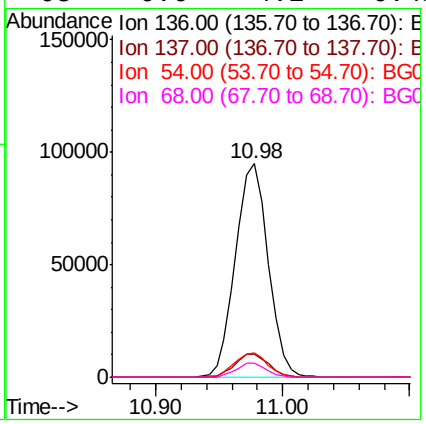


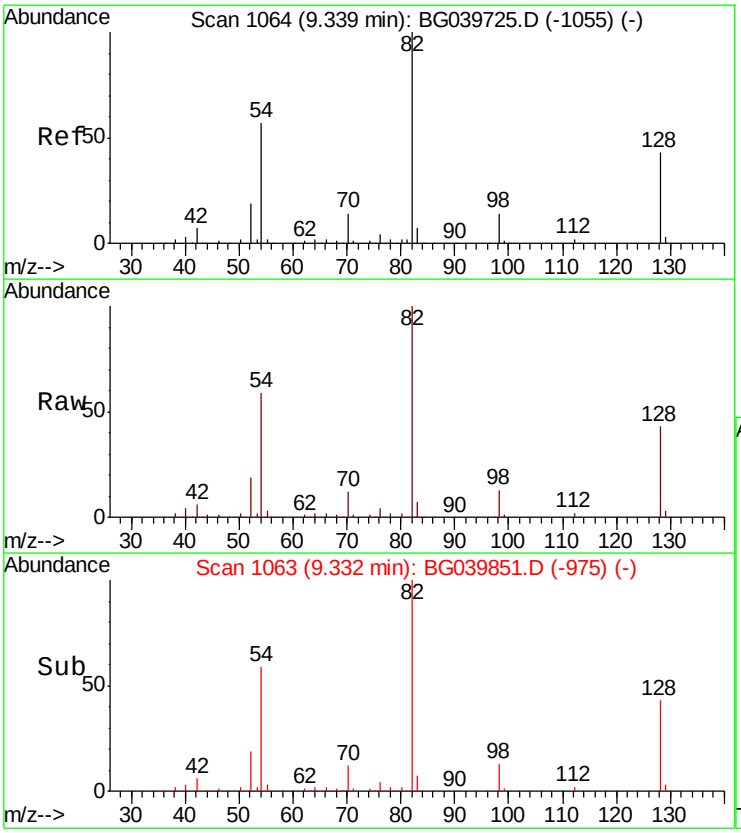
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039851.D
Acq: 11 Mar 2019 21:07

Instrument :
BNA_G
ClientSampleId :
MR-MH-09-COMP

Tgt Ion:136 Resp: 170649

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	11.7	9.4	14.2
68	6.6	4.2	6.4#

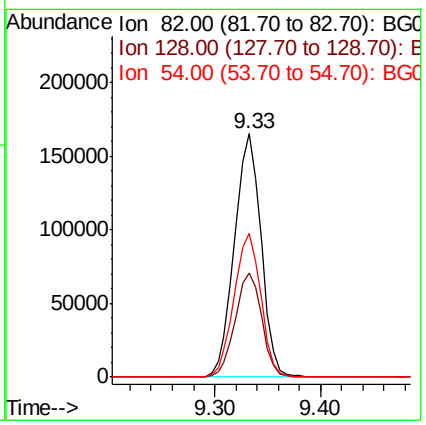


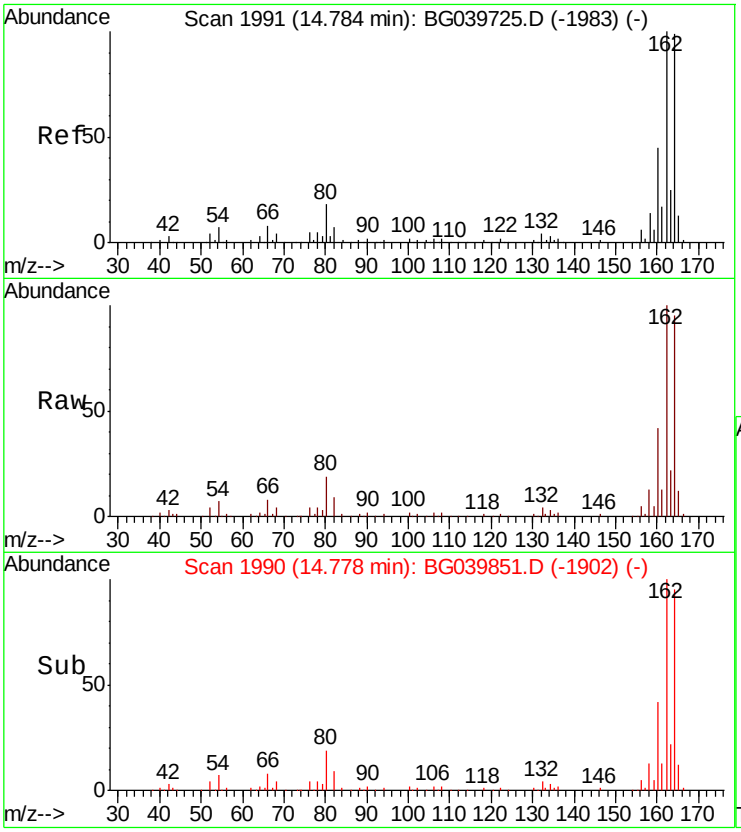


#23
Nitrobenzene-d5
Concen: 91.369 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039851.D
Acq: 11 Mar 2019 21:07

Tgt Ion: 82 Resp: 288294

Ion	Ratio	Lower	Upper
82	100		
128	42.6	31.3	46.9
54	58.8	50.9	76.3



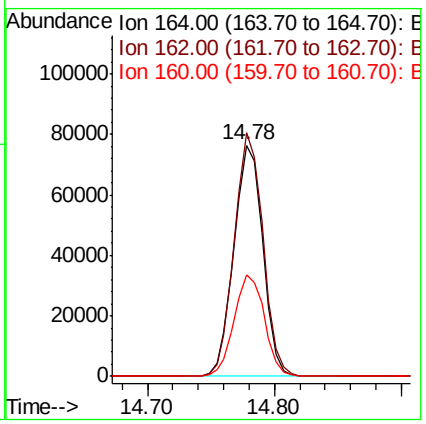


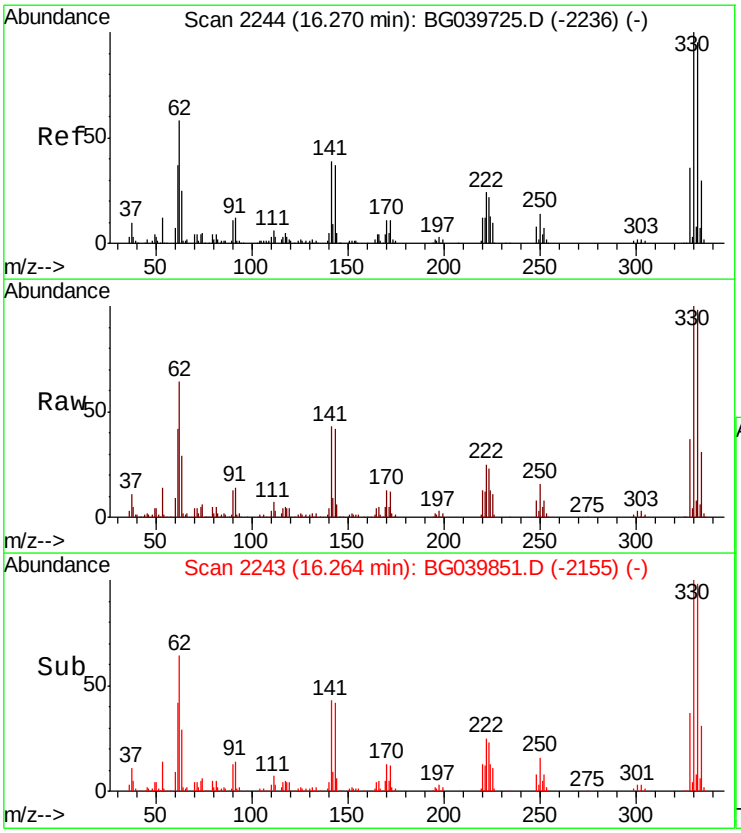
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039851.D
Acq: 11 Mar 2019 21:07

Instrument :
BNA_G
ClientSampleId :
MR-MH-09-COMP

Tgt Ion:164 Resp: 120441

Ion	Ratio	Lower	Upper
164	100		
162	105.3	81.6	122.4
160	43.8	34.2	51.2

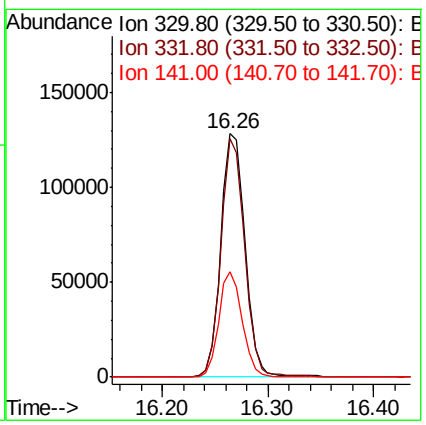


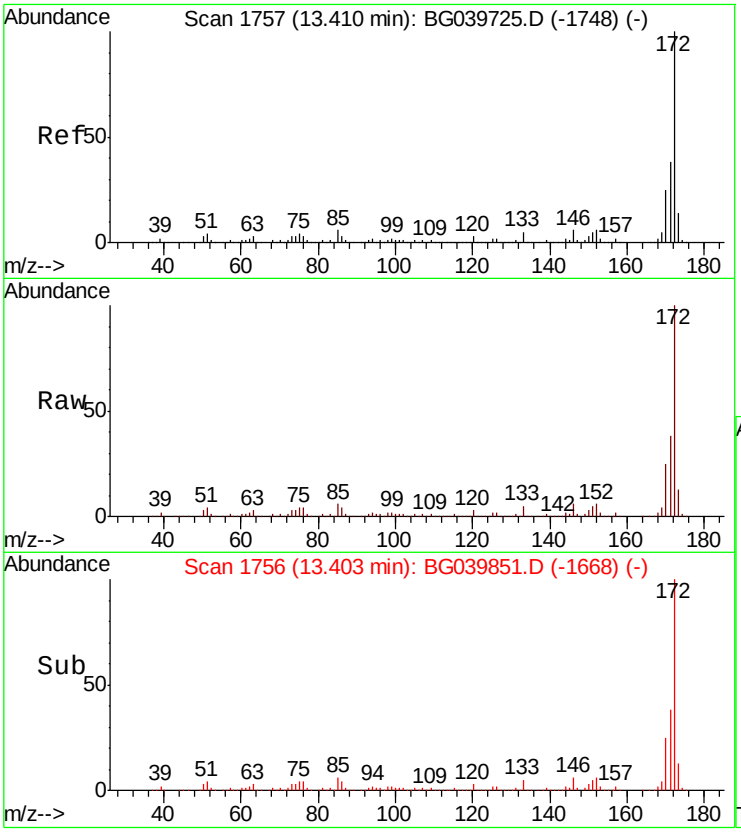


#42
2,4,6-Tribromophenol
Concen: 145.484 ng
RT: 16.26 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BG039851.D
Acq: 11 Mar 2019 21:07

Tgt Ion:330 Resp: 204234

Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.7	113.5
141	42.0	35.6	53.4



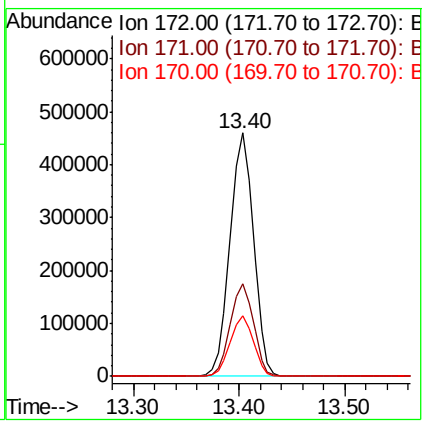


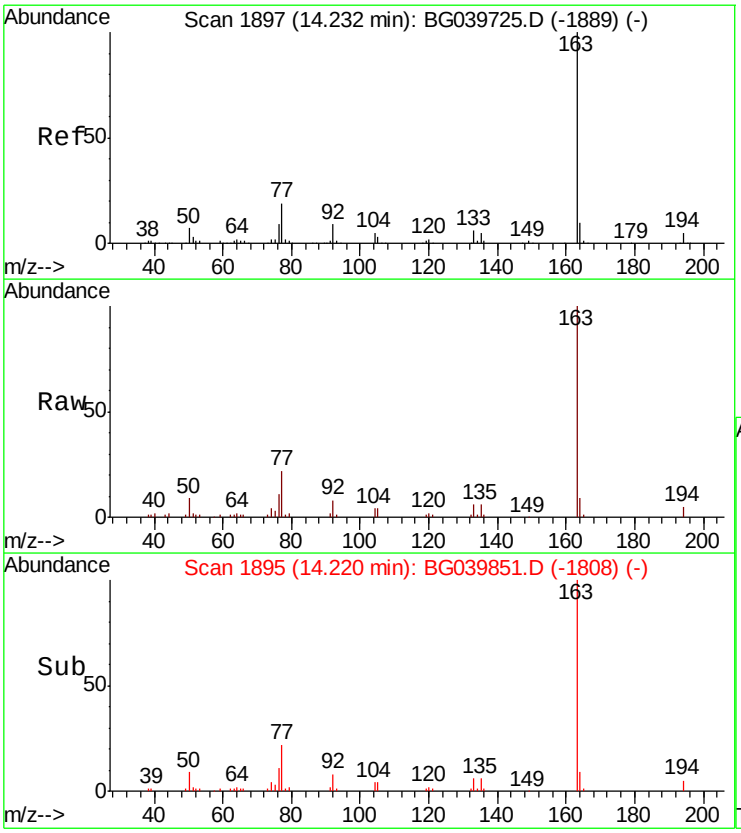
#45
2-Fluorobiphenyl
Concen: 83.554 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039851.D
Acq: 11 Mar 2019 21:07

Instrument :
BNA_G
ClientSampleId :
MR-MH-09-COMP

Tgt Ion:172 Resp: 706782

Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.8	46.2
170	24.9	20.2	30.4

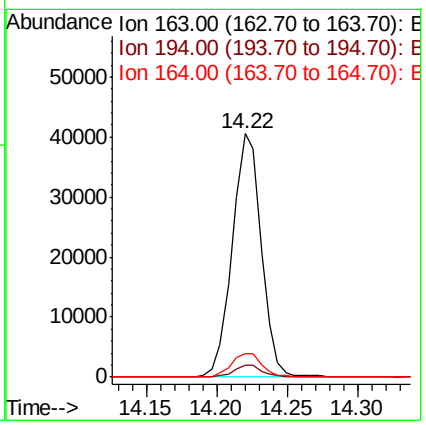


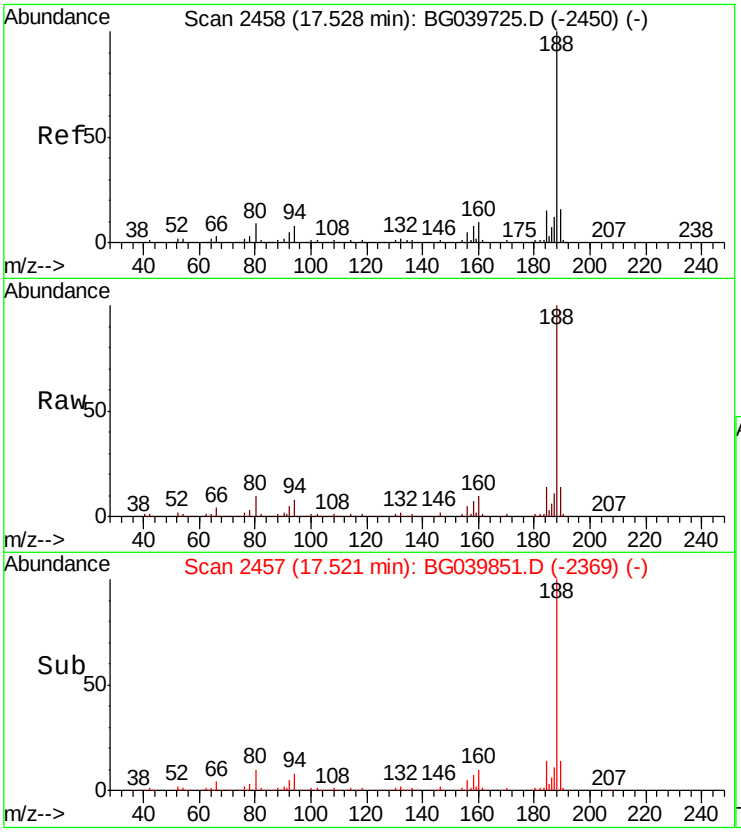


#50
Dimethylphthalate
Concen: 5.774 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BG039851.D
Acq: 11 Mar 2019 21:07

Tgt Ion:163 Resp: 58146

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.6	5.4
164	9.4	8.4	12.6



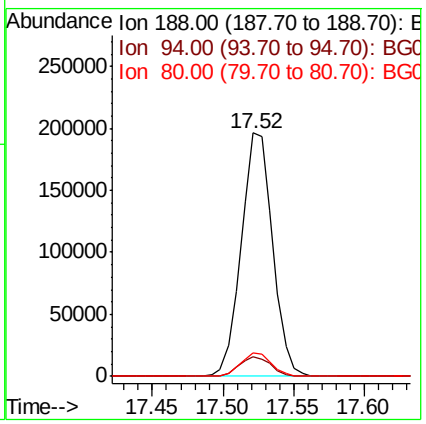


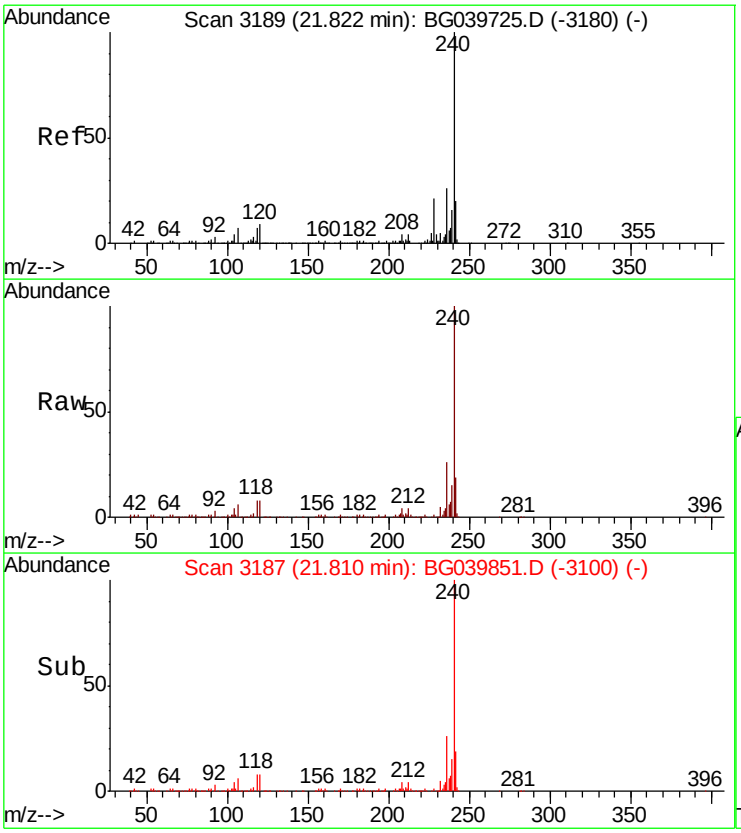
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039851.D
Acq: 11 Mar 2019 21:07

Instrument :
BNA_G
ClientSampleId :
MR-MH-09-COMP

Tgt Ion:188 Resp: 304797

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	9.7	8.1	12.1

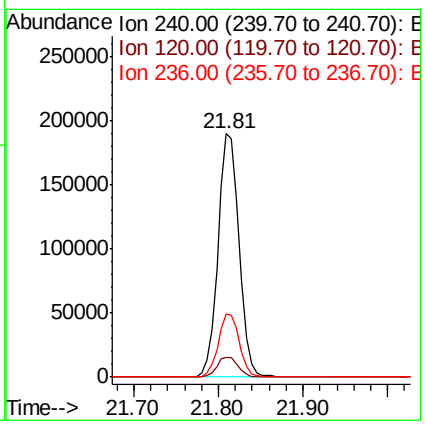


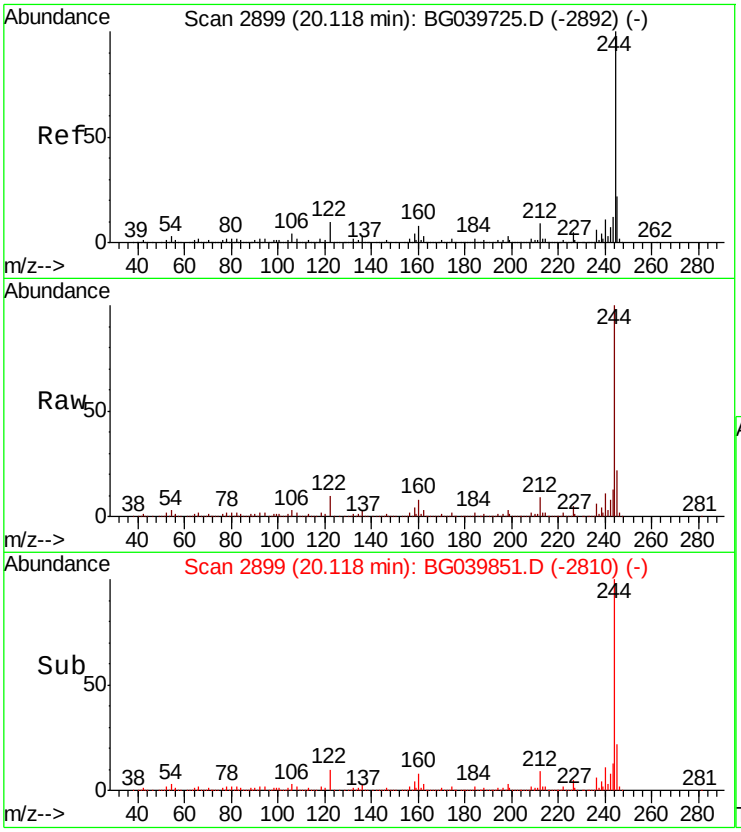


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039851.D
Acq: 11 Mar 2019 21:07

Tgt Ion:240 Resp: 326351

Ion	Ratio	Lower	Upper
240	100		
120	8.1	7.0	10.6
236	25.8	21.0	31.4



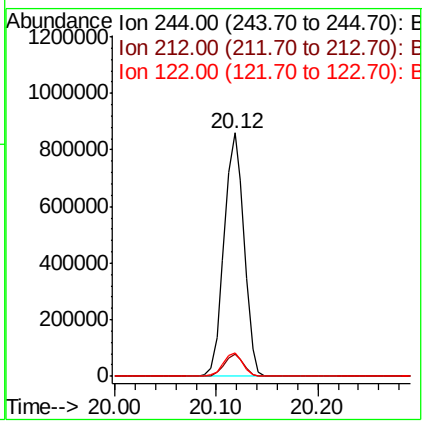


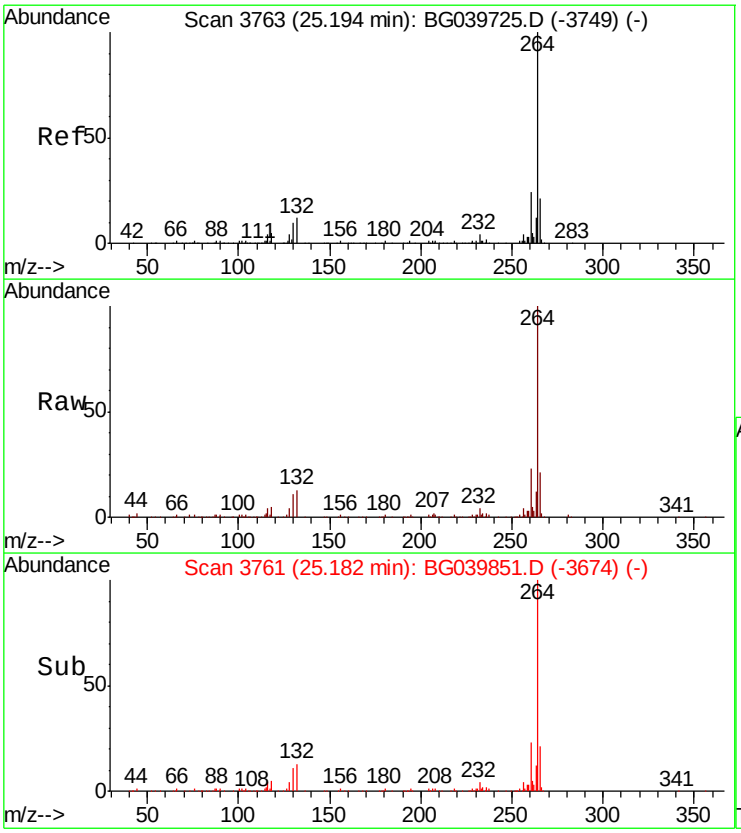
#79
Terphenyl-d14
Concen: 79.037 ng
RT: 20.12 min Scan# 2899
Delta R.T. -0.01 min
Lab File: BG039851.D
Acq: 11 Mar 2019 21:07

Instrument :
BNA_G
ClientSampleId :
MR-MH-09-COMP

Tgt Ion:244 Resp: 1171478

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.3	10.9
122	9.6	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3761
Delta R.T. -0.02 min
Lab File: BG039851.D
Acq: 11 Mar 2019 21:07

Tgt Ion:264 Resp: 325575

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	21.4	18.5	27.7