Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030519\
Data File : BG039780.D
Acq On : 6 Mar 2019 1:22
Operator : JU/SJ
Sample : K1727-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9

Quant Time: Mar 06 02:00:24 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	42379	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	192785	20.00	ng		-0.01
39) Acenaphthene-d10	14.78	164	135887	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	323857	20.00	ng		0.00
76) Chrysene-d12	21.82	240	315848	20.00	ng		-0.01
87) Perylene-d12	25.18	264	316410	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	147623	59.43	ng		-0.01
7) Phenol-d6	7.29	99	138400	37.37	ng		-0.02
23) Nitrobenzene-d5	9.33	82	304609	85.46	ng		-0.01
42) 2,4,6-Tribromophenol	16.27	330	214189	135.23	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	778680	81.59	ng		-0.01
79) Terphenyl-d14	20.12	244	1214275	84.65	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.32	94	9081	2.263	ng		97
50) Dimethylphthalate	14.23	163	25359	2.232	ng	#	93

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

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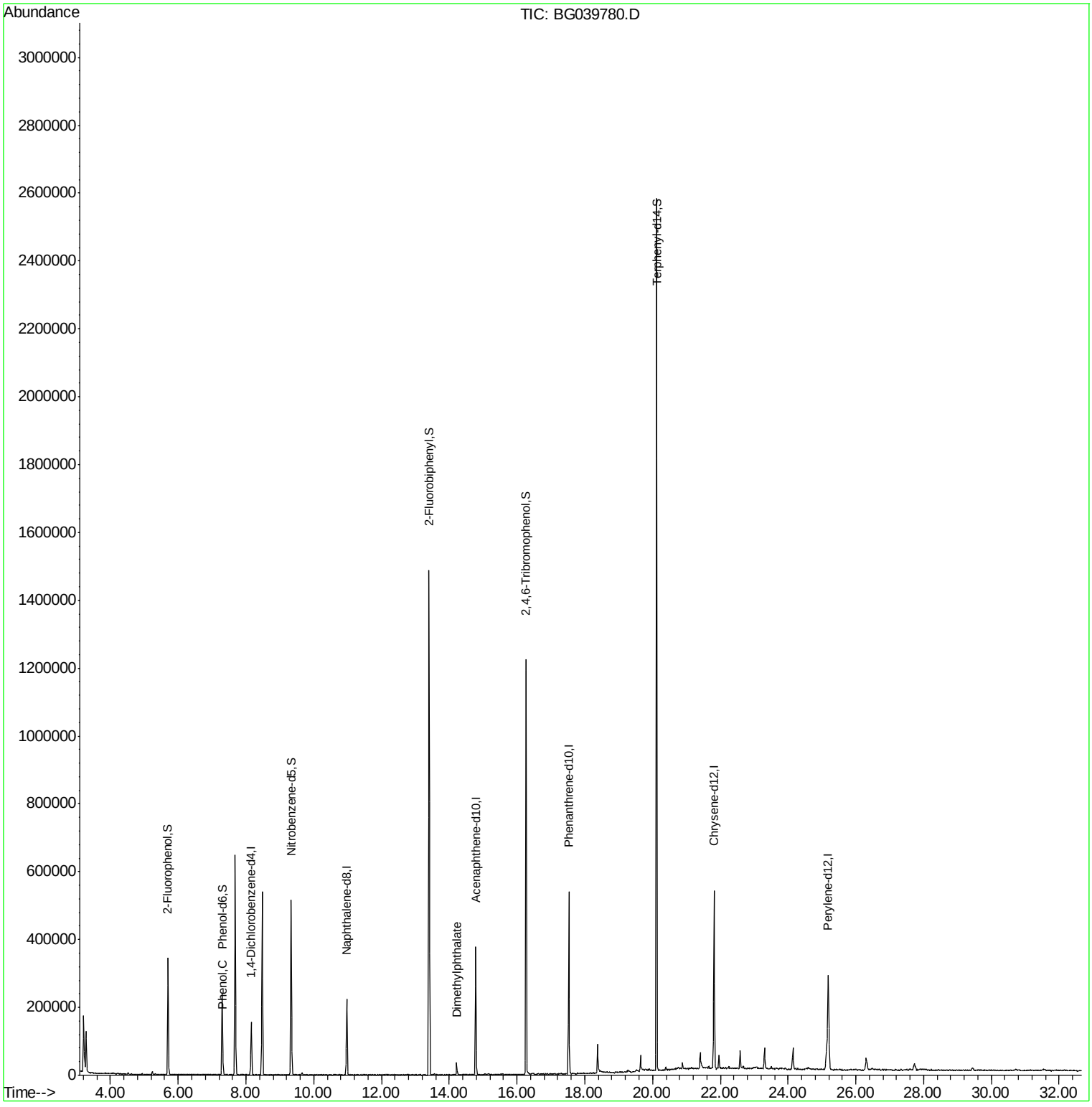
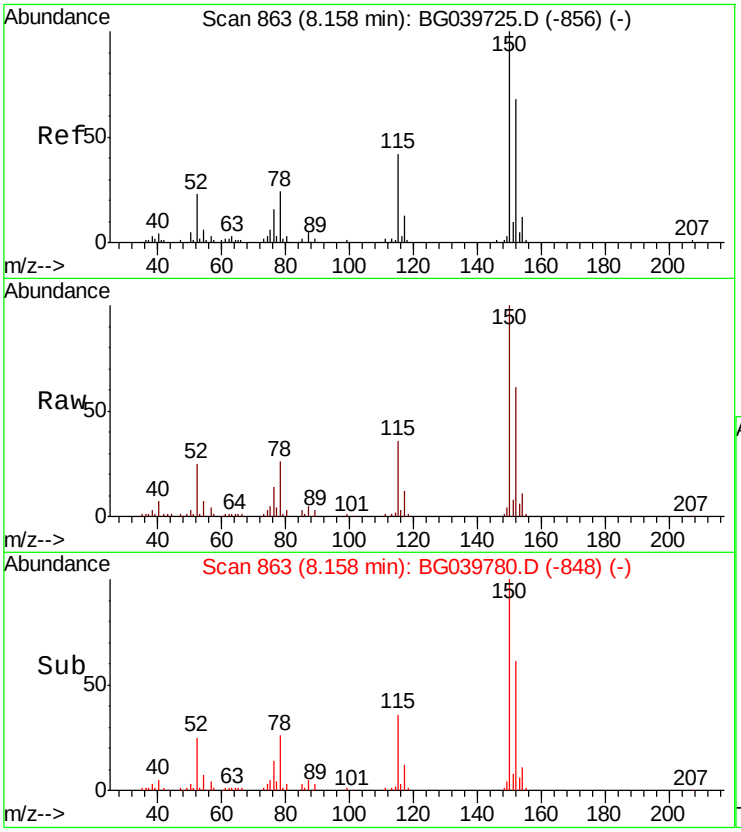


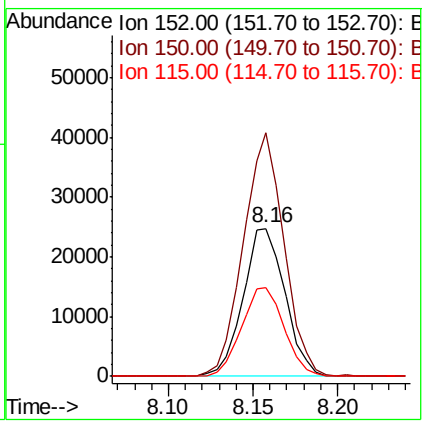


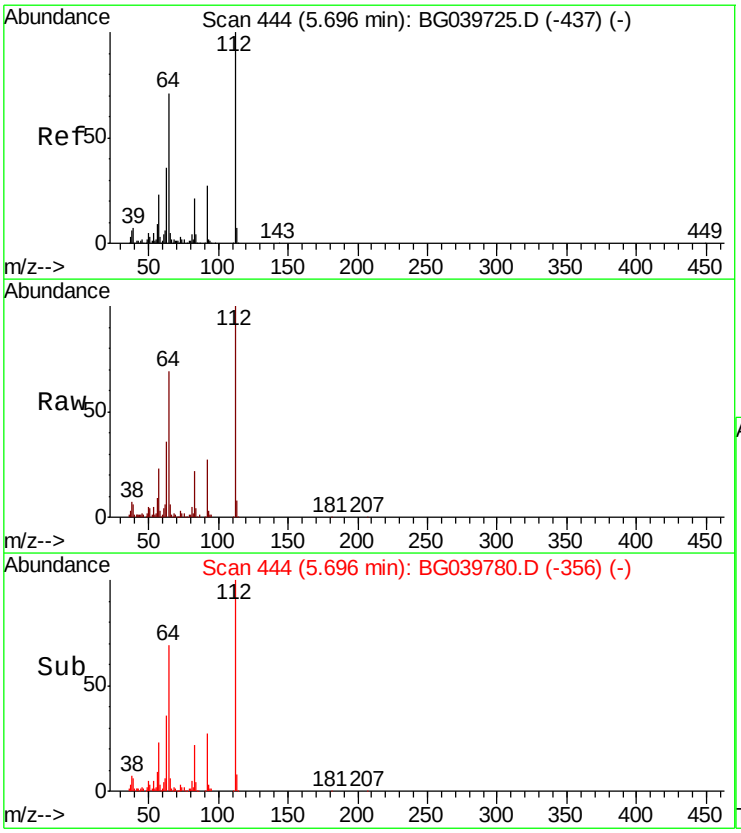
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039780.D
Acq: 6 Mar 2019 1:22

Instrument :
BNA_G
ClientSampleId :
MW-9

Tgt Ion:152 Resp: 42379

Ion	Ratio	Lower	Upper
152	100		
150	164.7	123.7	185.5
115	60.1	45.9	68.9

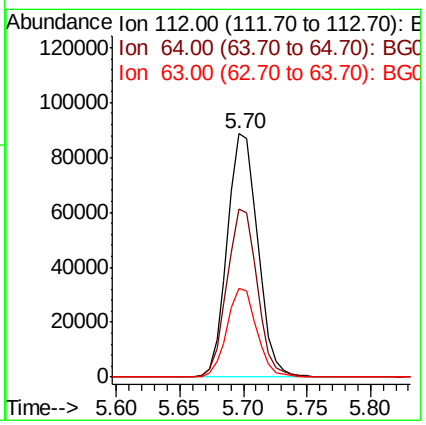


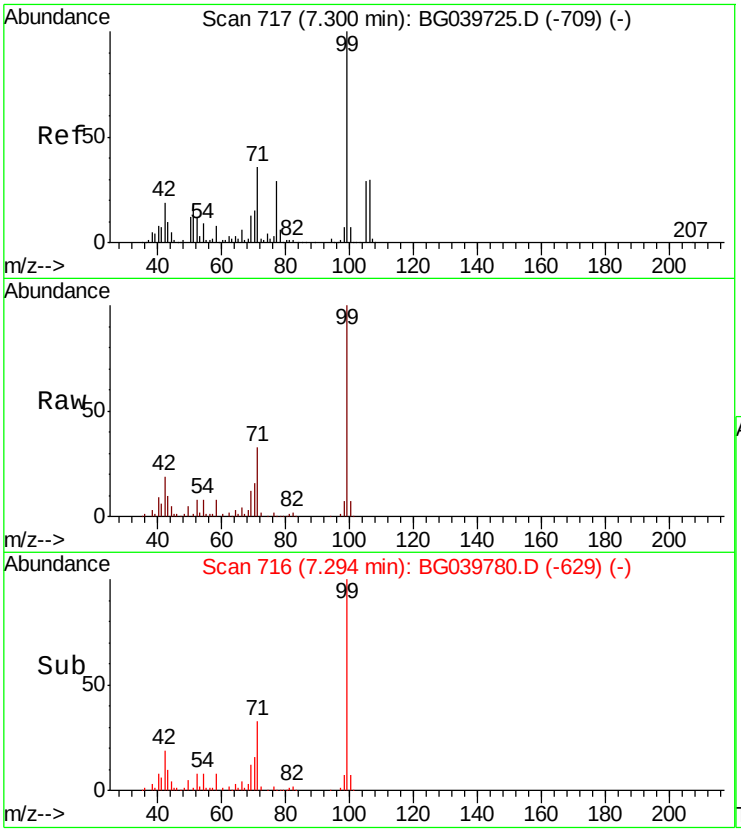


#5
2-Fluorophenol
Concen: 59.427 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039780.D
Acq: 6 Mar 2019 1:22

Tgt Ion:112 Resp: 147623

Ion	Ratio	Lower	Upper
112	100		
64	68.8	57.8	86.8
63	36.3	29.8	44.6



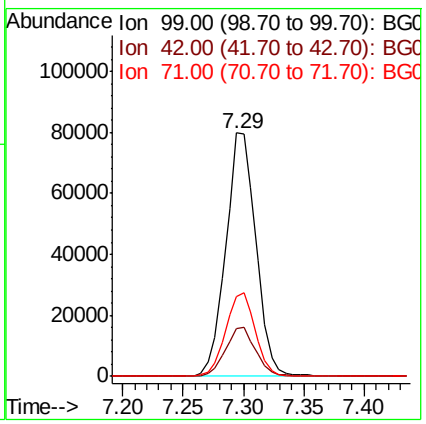


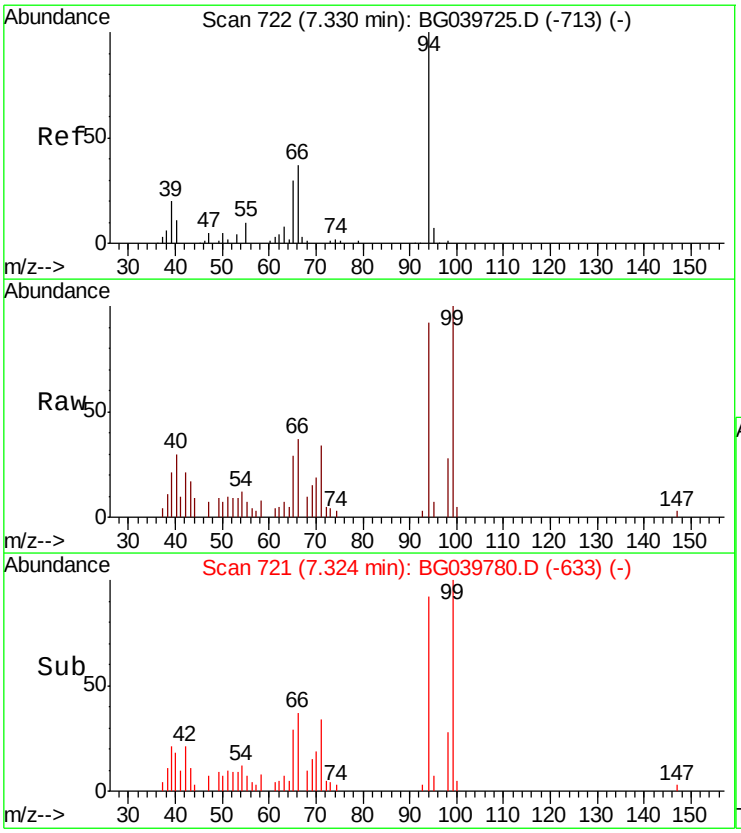
#7
Phenol-d6
Concen: 37.366 ng
RT: 7.29 min Scan# 716
Delta R.T. -0.02 min
Lab File: BG039780.D
Acq: 6 Mar 2019 1:22

Instrument :
BNA_G
ClientSampleId :
MW-9

Tgt Ion: 99 Resp: 138400

Ion	Ratio	Lower	Upper
99	100		
42	19.4	18.2	27.2
71	32.6	28.0	42.0

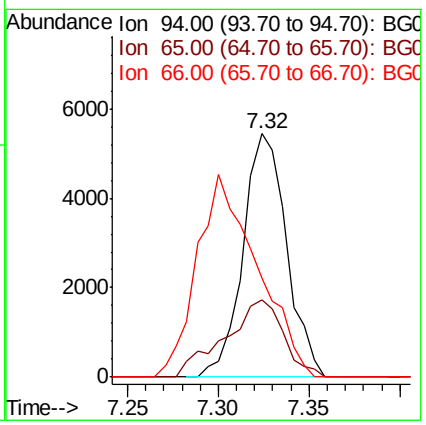


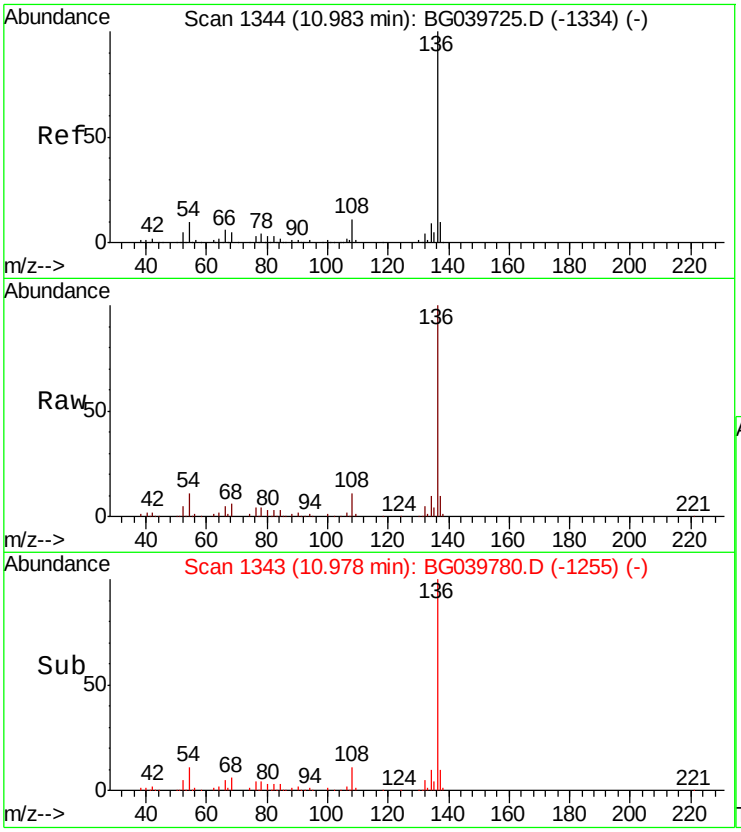


#10
Phenol
Concen: 2.263 ng
RT: 7.32 min Scan# 721
Delta R.T. -0.01 min
Lab File: BG039780.D
Acq: 6 Mar 2019 1:22

Tgt Ion: 94 Resp: 9081

Ion	Ratio	Lower	Upper
94	100		
65	31.8	11.7	51.7
66	40.6	23.7	63.7



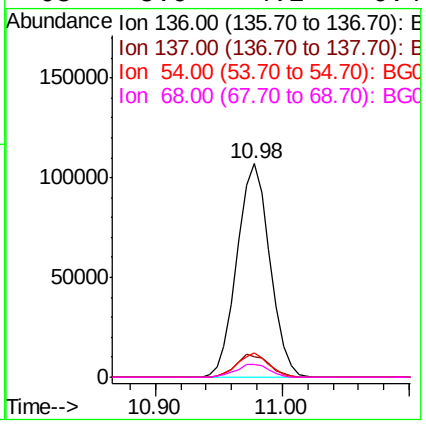


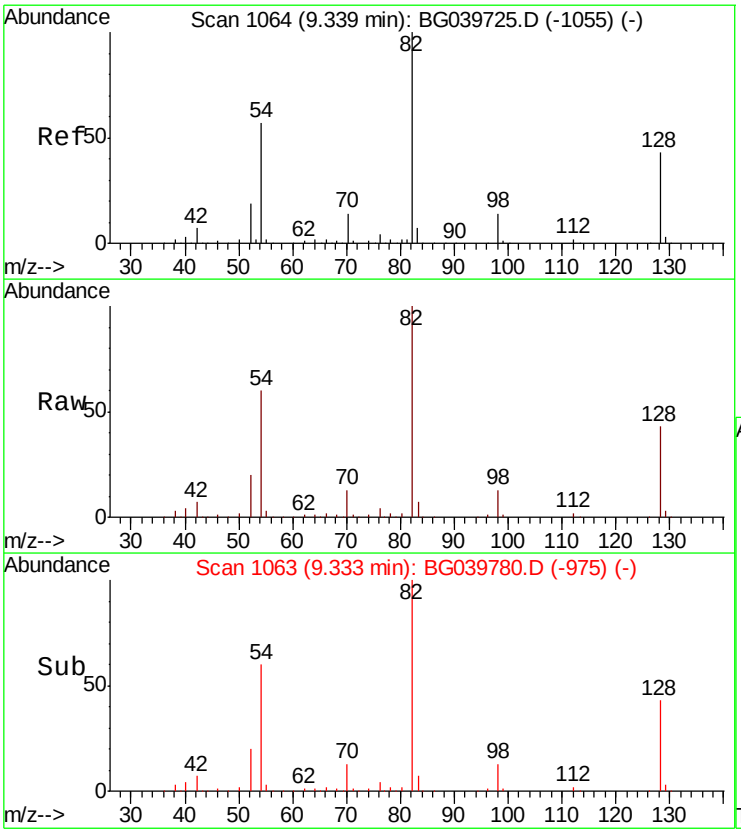
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039780.D
Acq: 6 Mar 2019 1:22

Instrument :
BNA_G
ClientSampleId :
MW-9

Tgt Ion:136 Resp: 192785

Ion	Ratio	Lower	Upper
136	100		
137	9.5	9.1	13.7
54	11.4	9.4	14.2
68	5.9	4.2	6.4

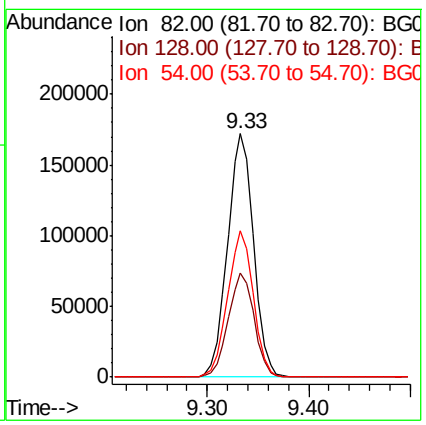


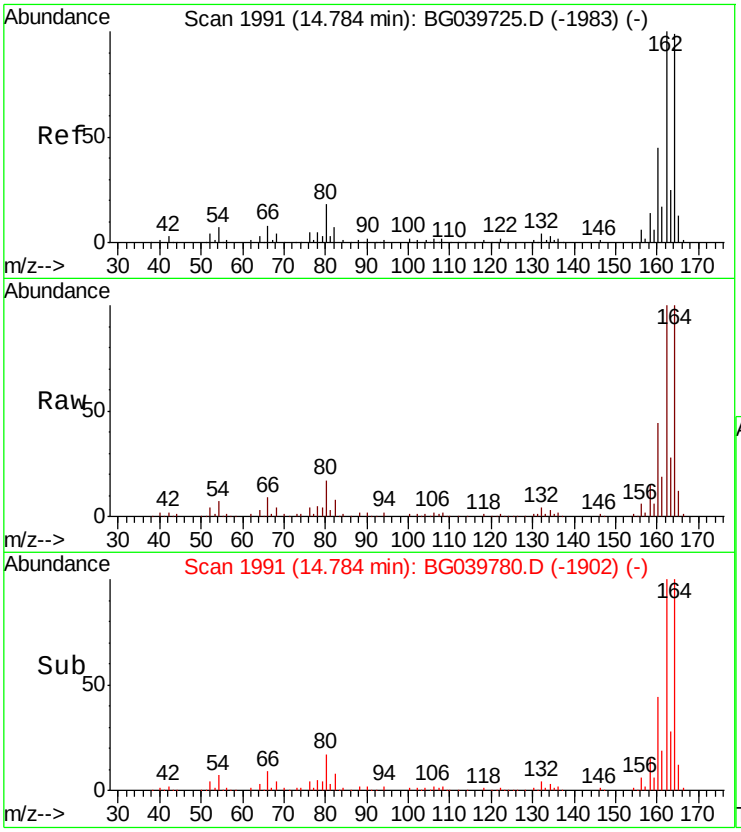


#23
Nitrobenzene-d5
Concen: 85.455 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039780.D
Acq: 6 Mar 2019 1:22

Tgt Ion: 82 Resp: 304609

Ion	Ratio	Lower	Upper
82	100		
128	42.6	31.3	46.9
54	60.2	50.9	76.3



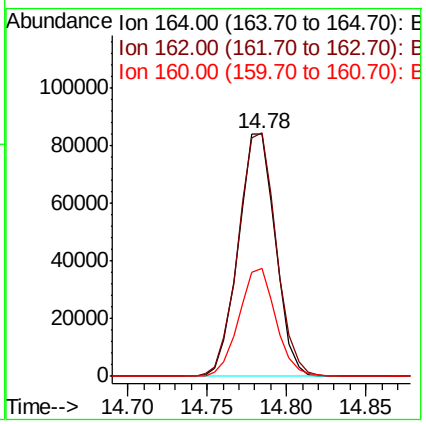


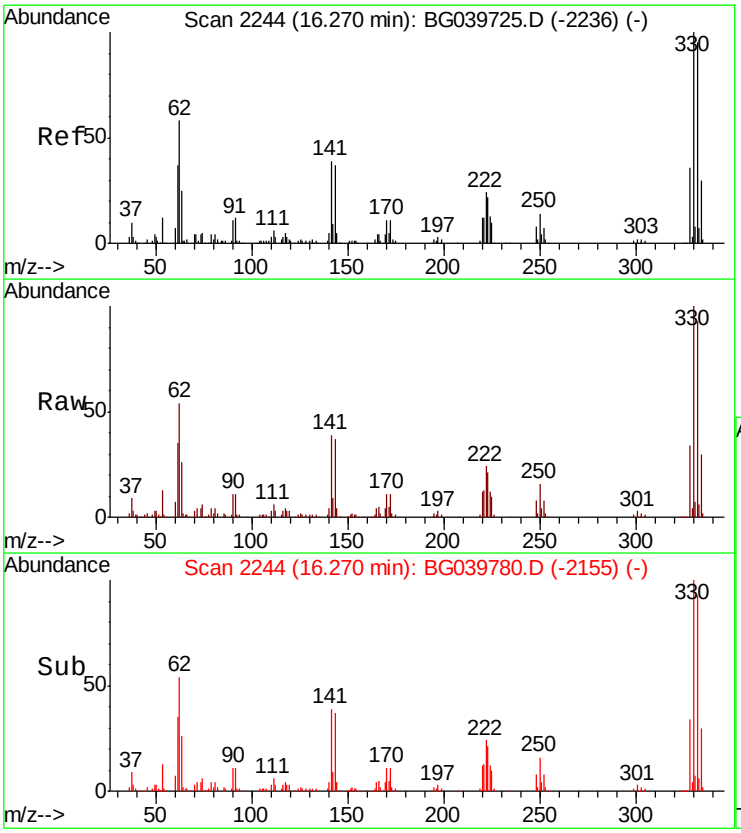
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG039780.D
Acq: 6 Mar 2019 1:22

Instrument :
BNA_G
ClientSampleId :
MW-9

Tgt Ion:164 Resp: 135887

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.6	122.4
160	44.2	34.2	51.2

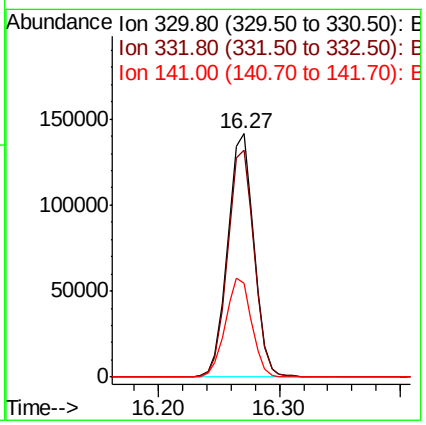


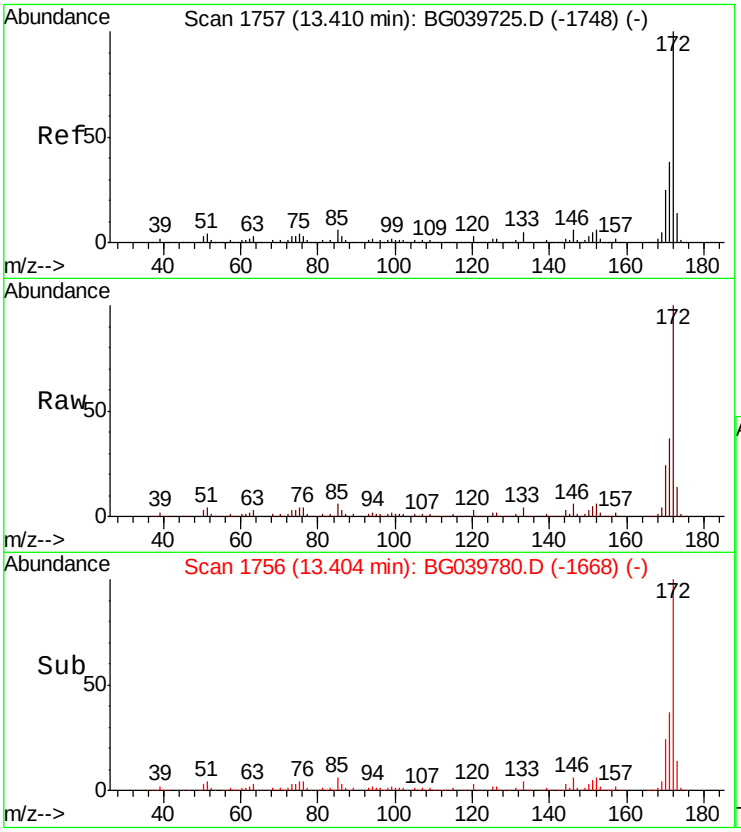


#42
2,4,6-Tribromophenol
Concen: 135.232 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BG039780.D
Acq: 6 Mar 2019 1:22

Tgt Ion:330 Resp: 214189

Ion	Ratio	Lower	Upper
330	100		
332	94.7	75.7	113.5
141	40.6	35.6	53.4



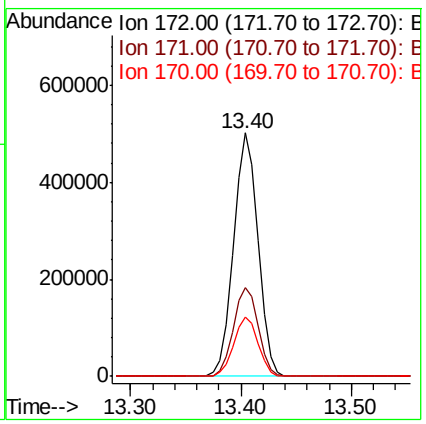


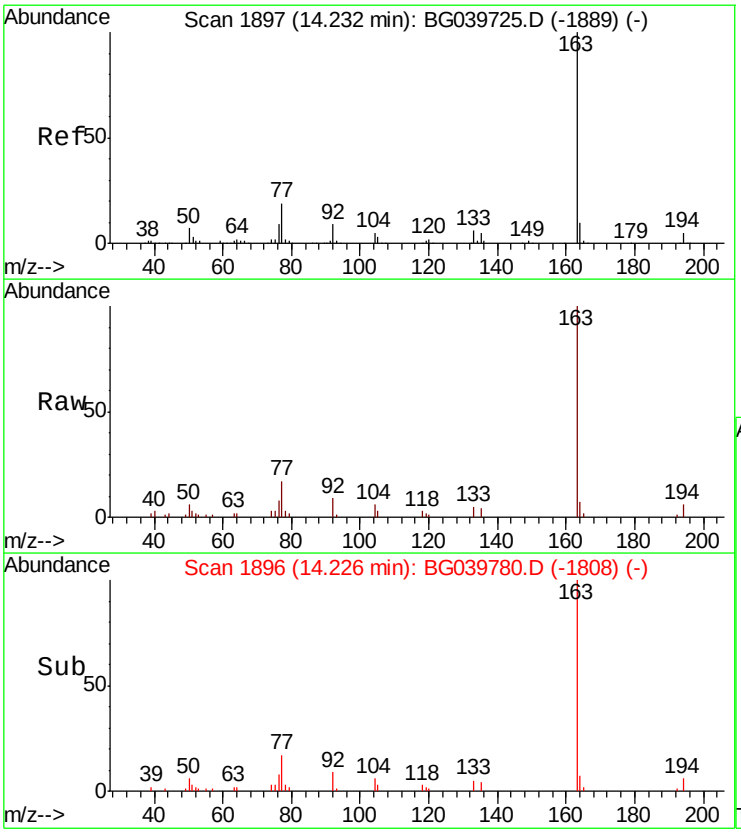
#45
2-Fluorobiphenyl
Concen: 81.590 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039780.D
Acq: 6 Mar 2019 1:22

Instrument :
BNA_G
ClientSampleId :
MW-9

Tgt Ion:172 Resp: 778680

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.8	46.2
170	24.5	20.2	30.4

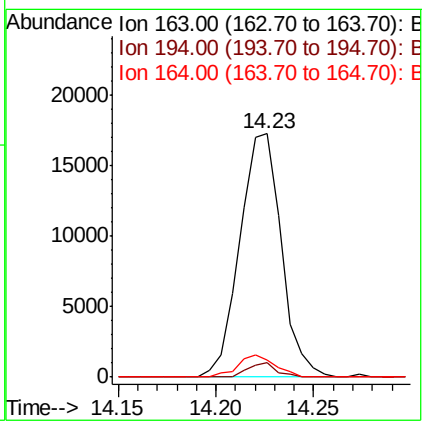


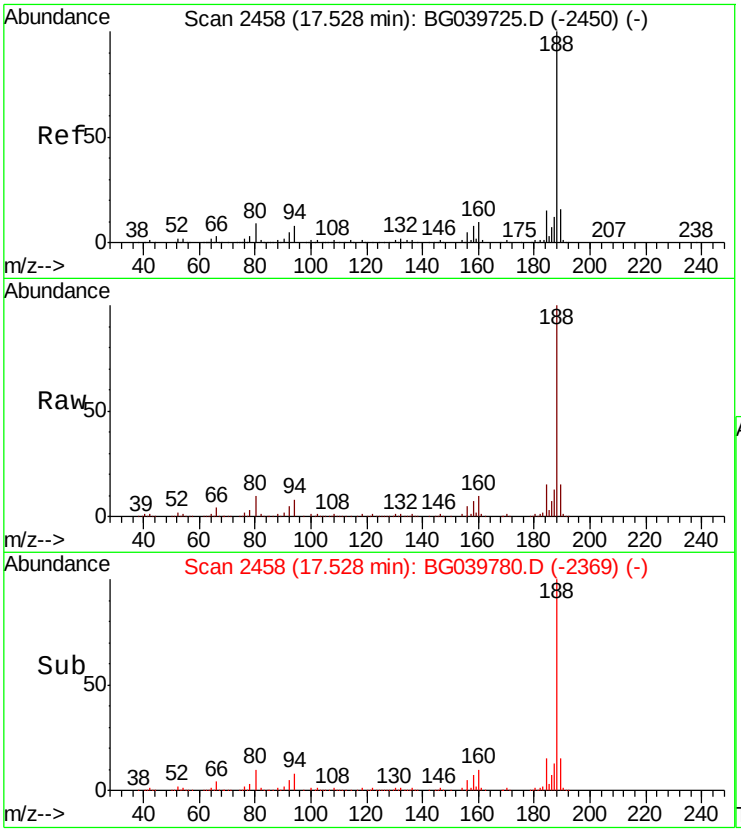


#50
Dimethylphthalate
Concen: 2.232 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG039780.D
Acq: 6 Mar 2019 1:22

Tgt Ion:163 Resp: 25359

Ion	Ratio	Lower	Upper
163	100		
194	5.8	3.6	5.4#
164	7.3	8.4	12.6#



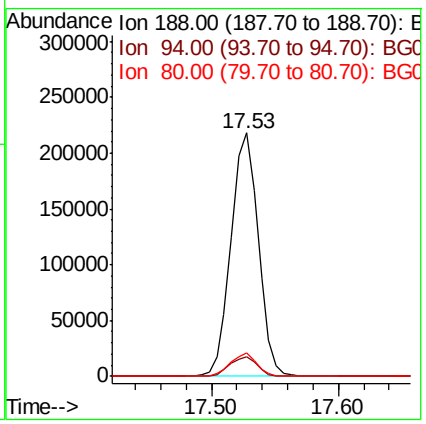


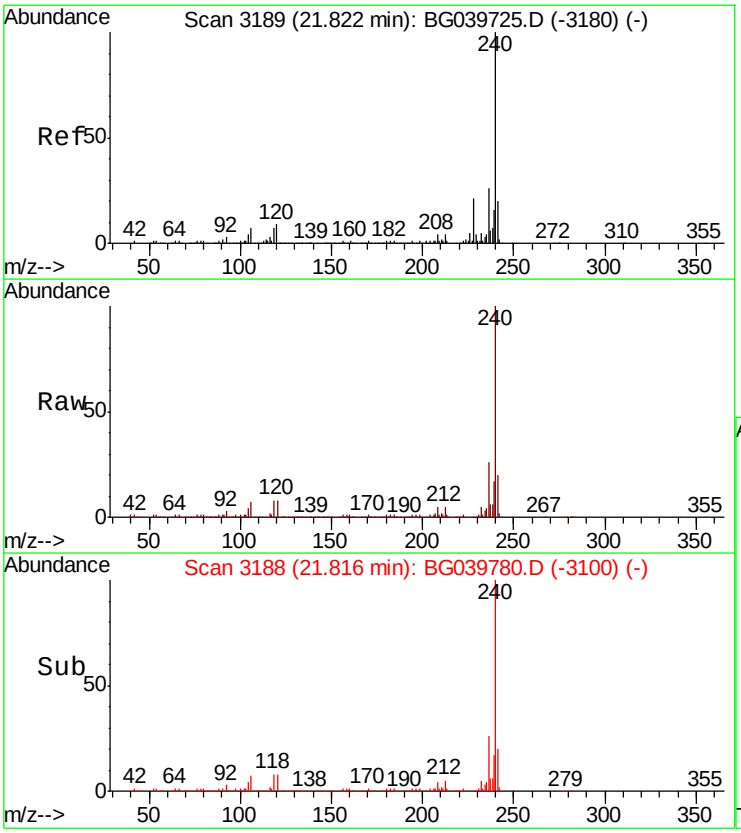
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039780.D
Acq: 6 Mar 2019 1:22

Instrument :
BNA_G
ClientSampleId :
MW-9

Tgt Ion:188 Resp: 323857

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.9	10.3
80	9.5	8.1	12.1

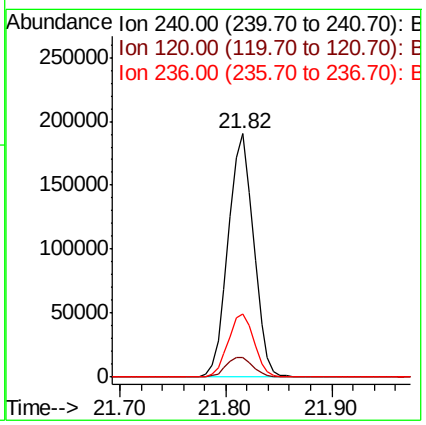


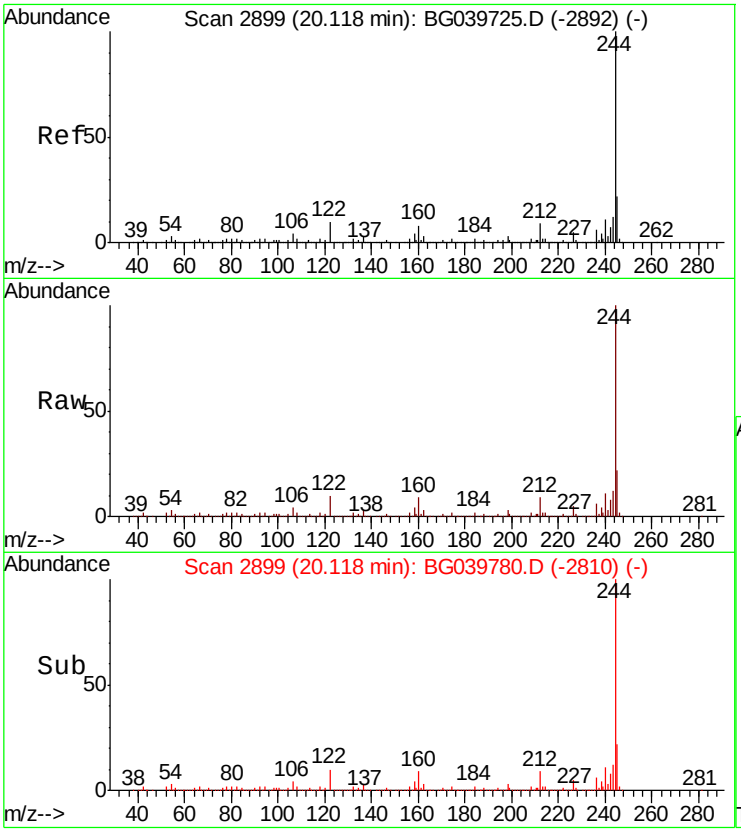


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039780.D
Acq: 6 Mar 2019 1:22

Tgt Ion:240 Resp: 315848

Ion	Ratio	Lower	Upper
240	100		
120	7.9	7.0	10.6
236	26.1	21.0	31.4



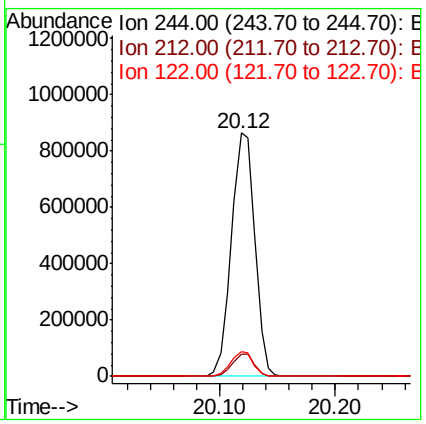


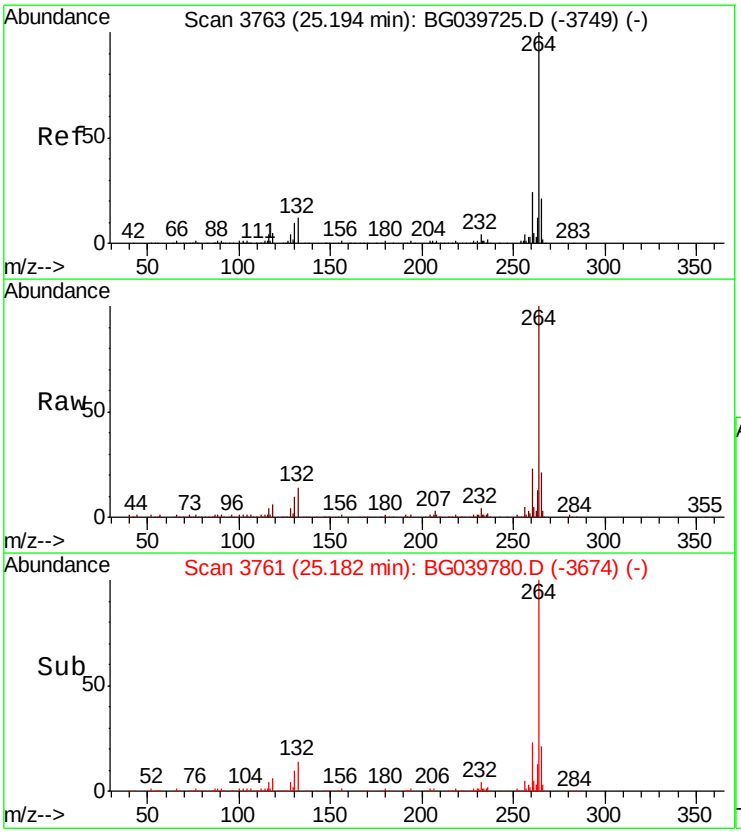
#79
Terphenyl-d14
Concen: 84.648 ng
RT: 20.12 min Scan# 2899
Delta R.T. -0.01 min
Lab File: BG039780.D
Acq: 6 Mar 2019 1:22

Instrument :
BNA_G
ClientSampleId :
MW-9

Tgt Ion:244 Resp: 1214275

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.3	10.9
122	10.4	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: BG039780.D
Acq: 6 Mar 2019 1:22

Tgt Ion:264 Resp: 316410

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	20.7	18.5	27.7