Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
Data File : BG039744.D
Acq On : 4 Mar 2019 23:24
Operator : JU/SJ
Sample : K1714-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-B-11-14

Quant Time: Mar 05 06:49:31 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	43206	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	189391	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	130398	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	335105	20.00	ng	-0.01
76) Chrysene-d12	21.82	240	344740	20.00	ng	-0.01
87) Perylene-d12	25.18	264	349348	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	416134	164.31	ng	-0.01
7) Phenol-d6	7.30	99	610263	161.61	ng	-0.01
23) Nitrobenzene-d5	9.33	82	357931	102.21	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	251445	165.44	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	826537	90.25	ng	-0.01
79) Terphenyl-d14	20.12	244	1313336	83.88	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.33	94	9945	2.431	ng	# 66
50) Dimethylphthalate	14.22	163	67220	6.165	ng	99

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

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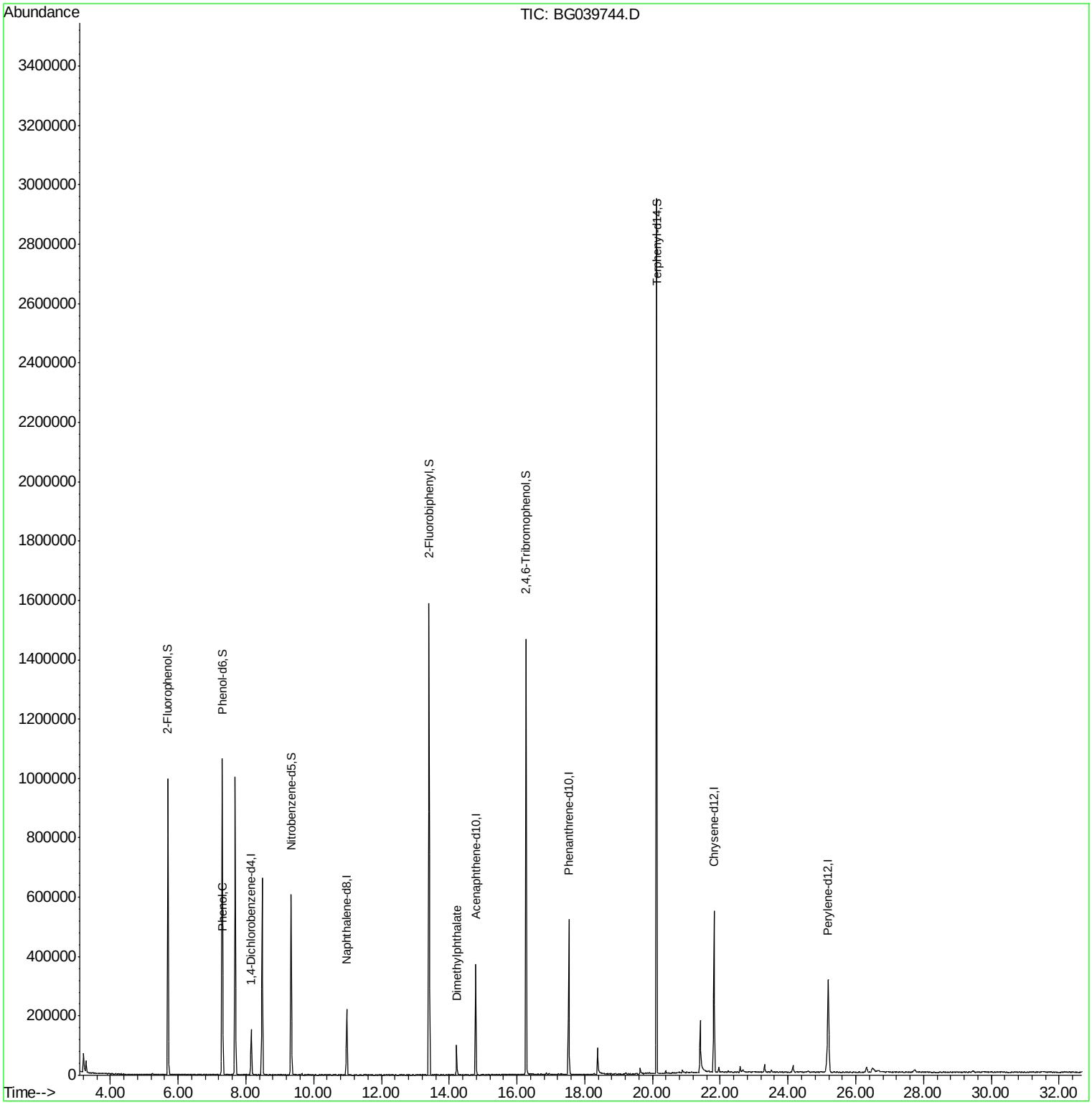
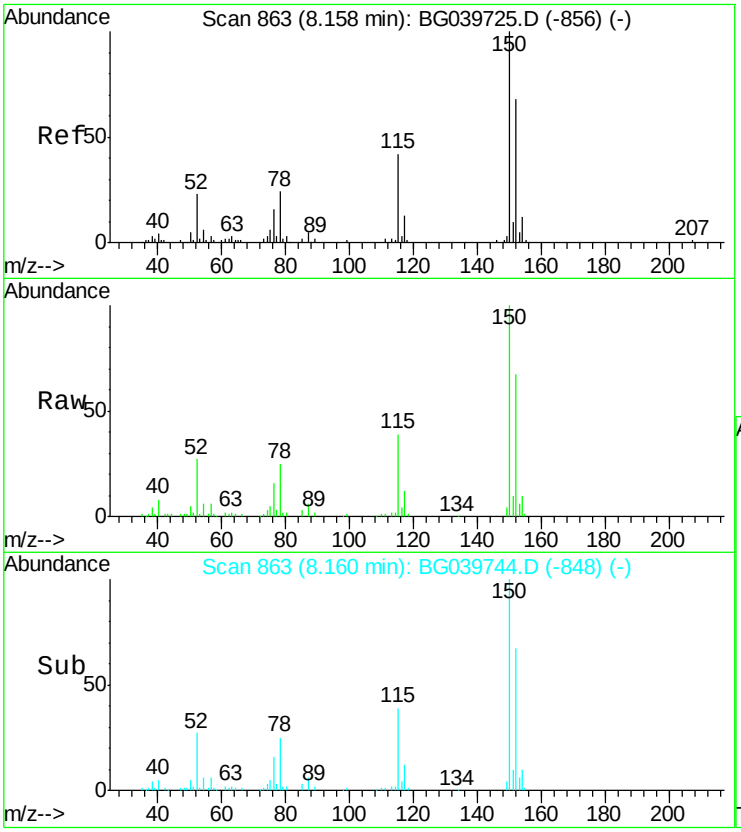


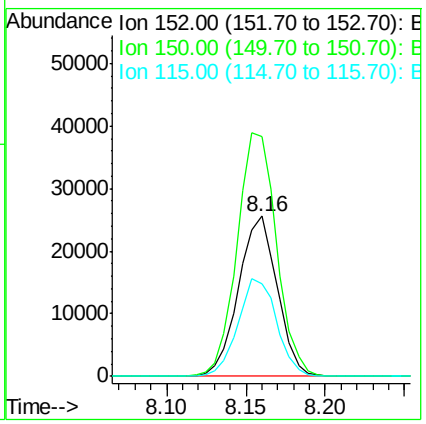


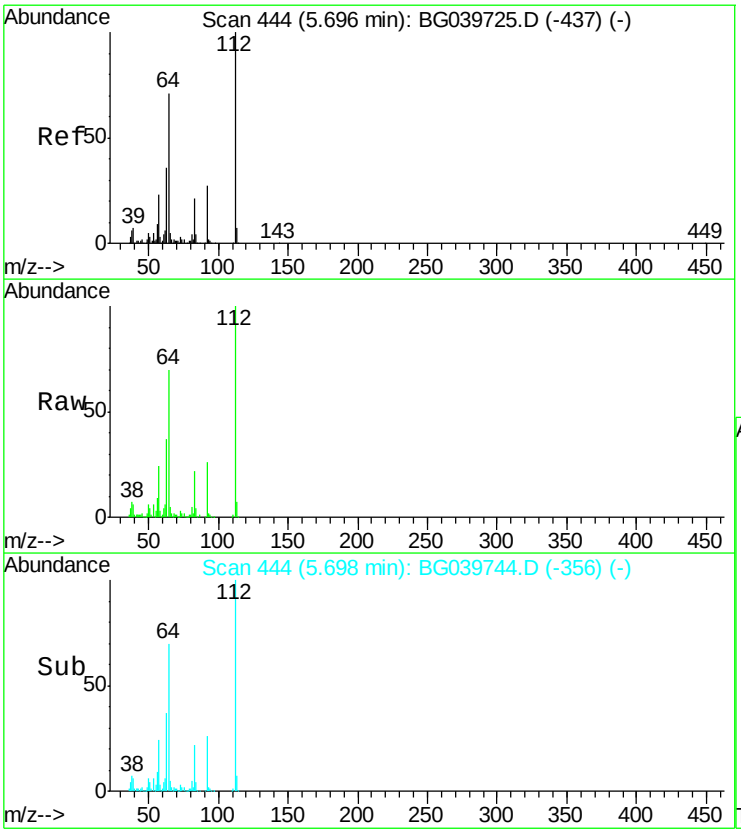
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Instrument :
BNA_G
ClientSampleId :
SB-B-11-14

Tgt Ion:152 Resp: 43206

Ion	Ratio	Lower	Upper
152	100		
150	149.7	123.7	185.5
115	57.8	45.9	68.9

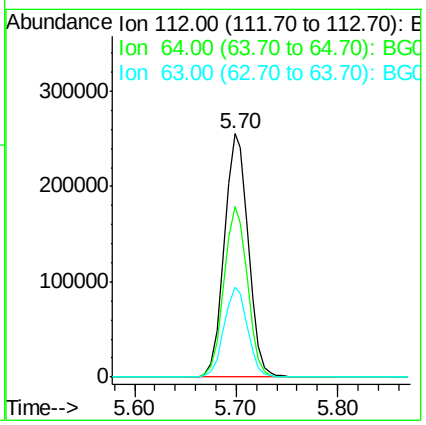


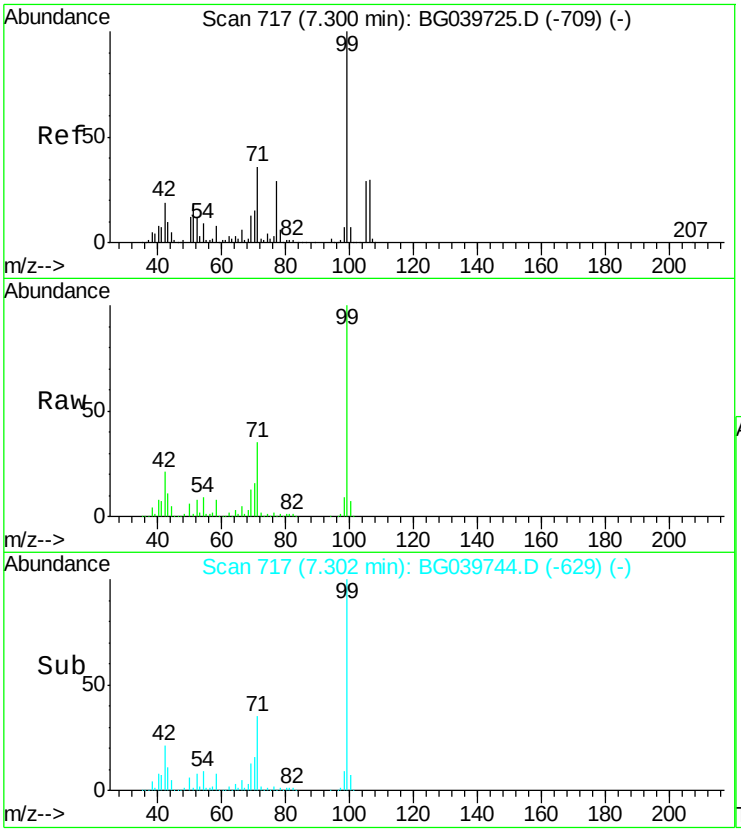


#5
2-Fluorophenol
Concen: 164.312 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion:112 Resp: 416134

Ion	Ratio	Lower	Upper
112	100		
64	70.3	57.8	86.8
63	37.0	29.8	44.6



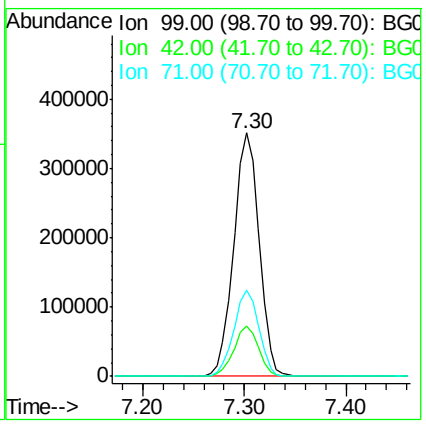


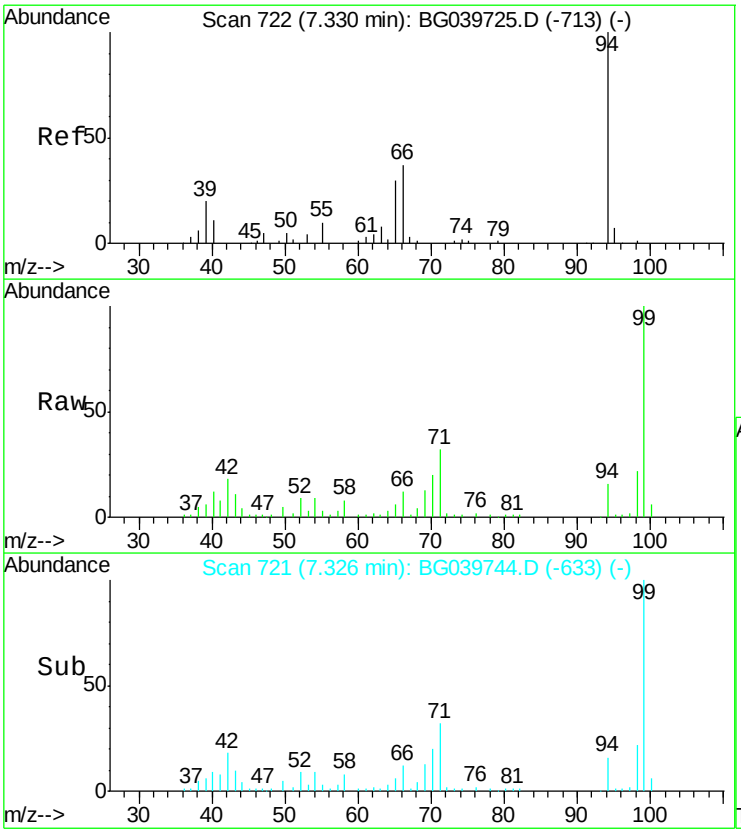
#7
Phenol-d6
Concen: 161.607 ng
RT: 7.30 min Scan# 717
Delta R.T. -0.01 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Instrument :
BNA_G
ClientSampleId :
SB-B-11-14

Tgt Ion: 99 Resp: 610263

Ion	Ratio	Lower	Upper
99	100		
42	20.6	18.2	27.2
71	35.2	28.0	42.0

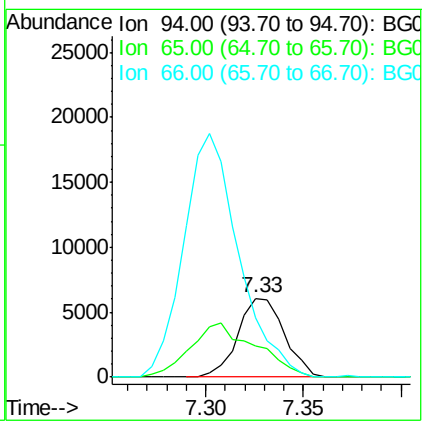


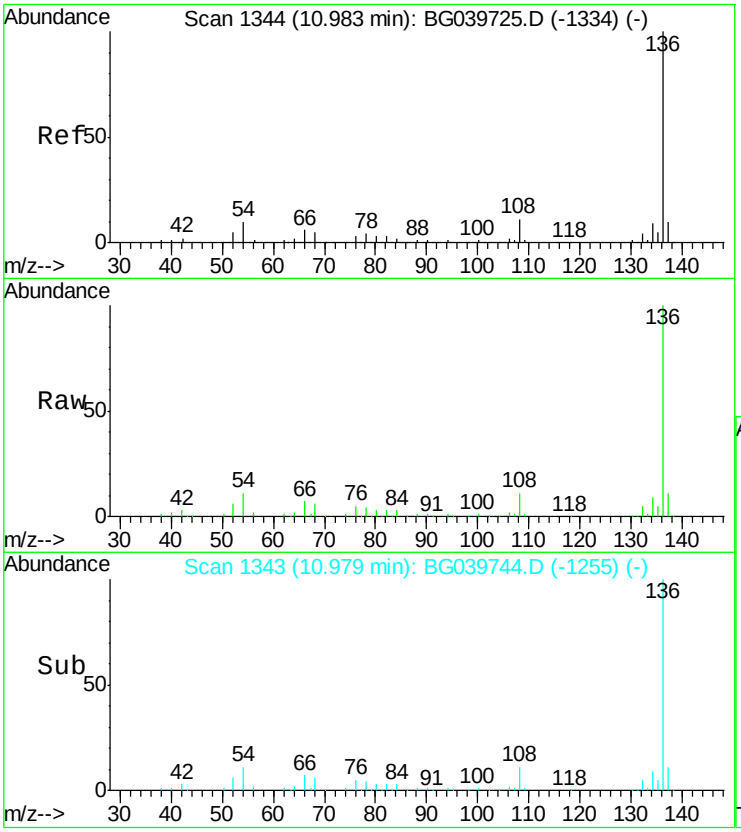


#10
Phenol
Concen: 2.431 ng
RT: 7.33 min Scan# 721
Delta R.T. -0.01 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion: 94 Resp: 9945

Ion	Ratio	Lower	Upper
94	100		
65	39.0	11.7	51.7
66	75.8	23.7	63.7#



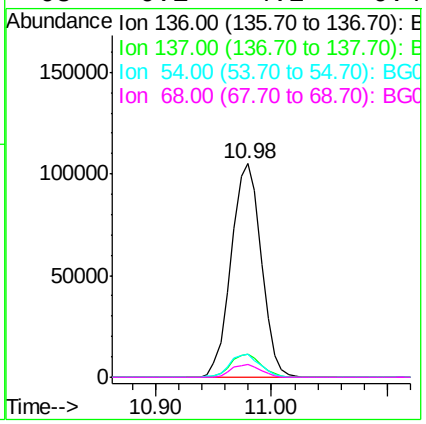


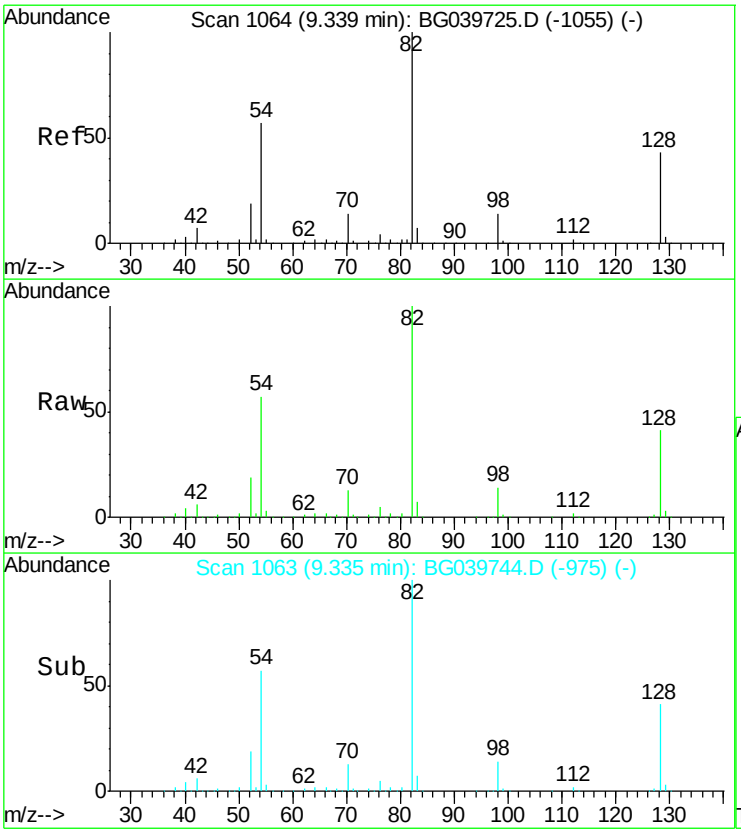
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Instrument :
BNA_G
ClientSampleId :
SB-B-11-14

Tgt Ion:136 Resp: 189391

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	10.7	9.4	14.2
68	6.1	4.2	6.4

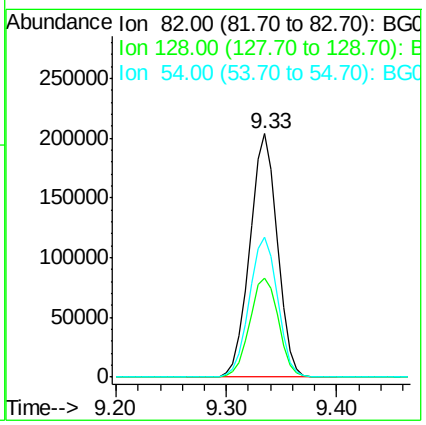


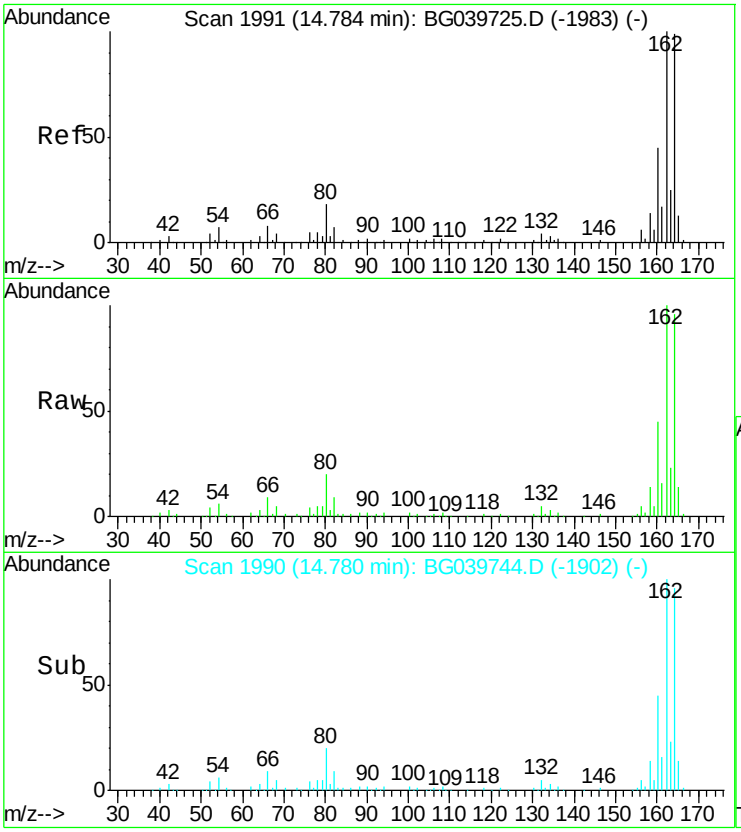


#23
Nitrobenzene-d5
Concen: 102.214 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion: 82 Resp: 357931

Ion	Ratio	Lower	Upper
82	100		
128	40.9	31.3	46.9
54	57.4	50.9	76.3



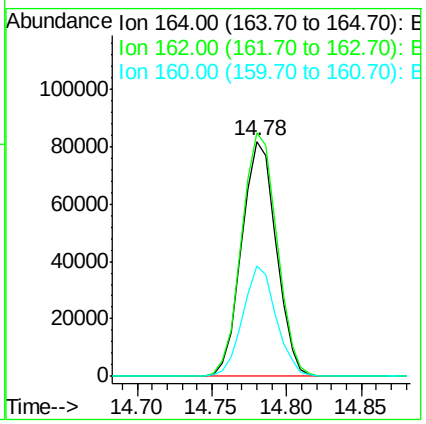


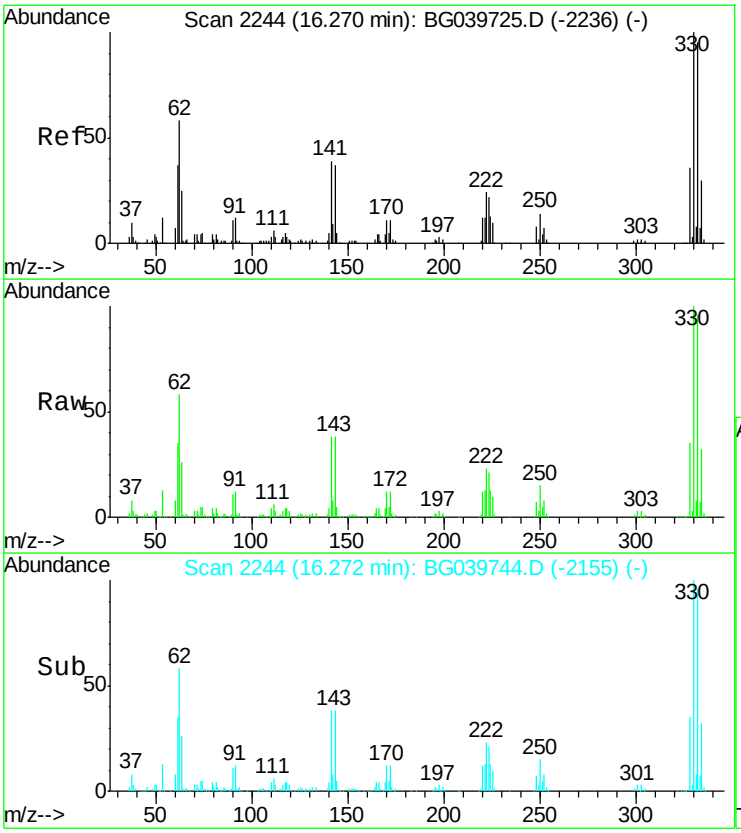
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Instrument :
BNA_G
ClientSampleId :
SB-B-11-14

Tgt Ion:164 Resp: 130398

Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.6	122.4
160	47.1	34.2	51.2

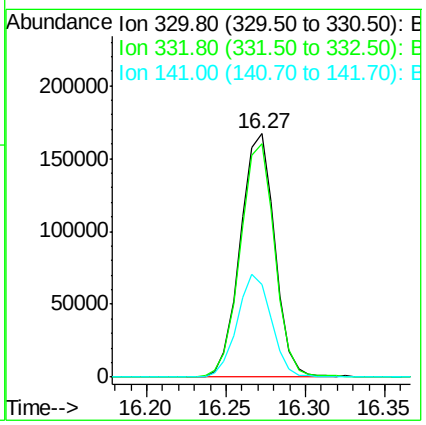


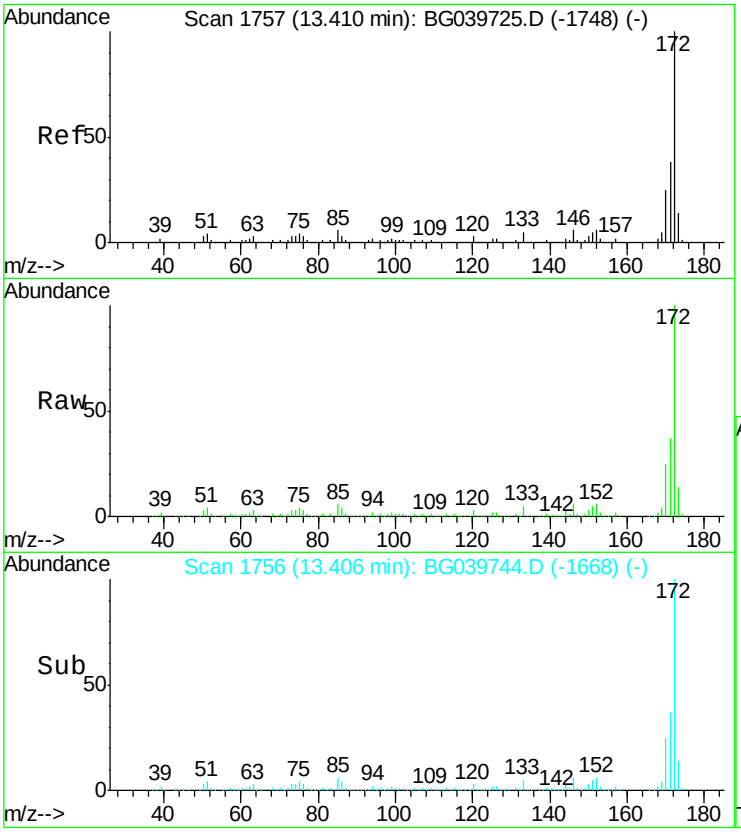


#42
2,4,6-Tribromophenol
Concen: 165.437 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion:330 Resp: 251445

Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.7	113.5
141	41.9	35.6	53.4



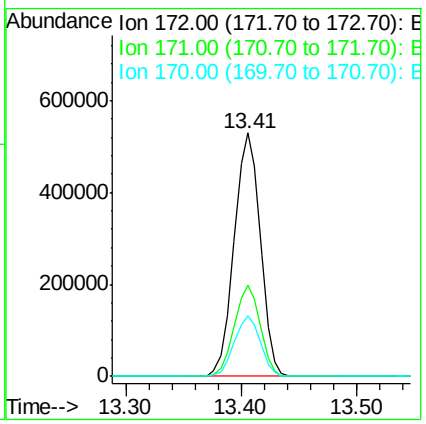


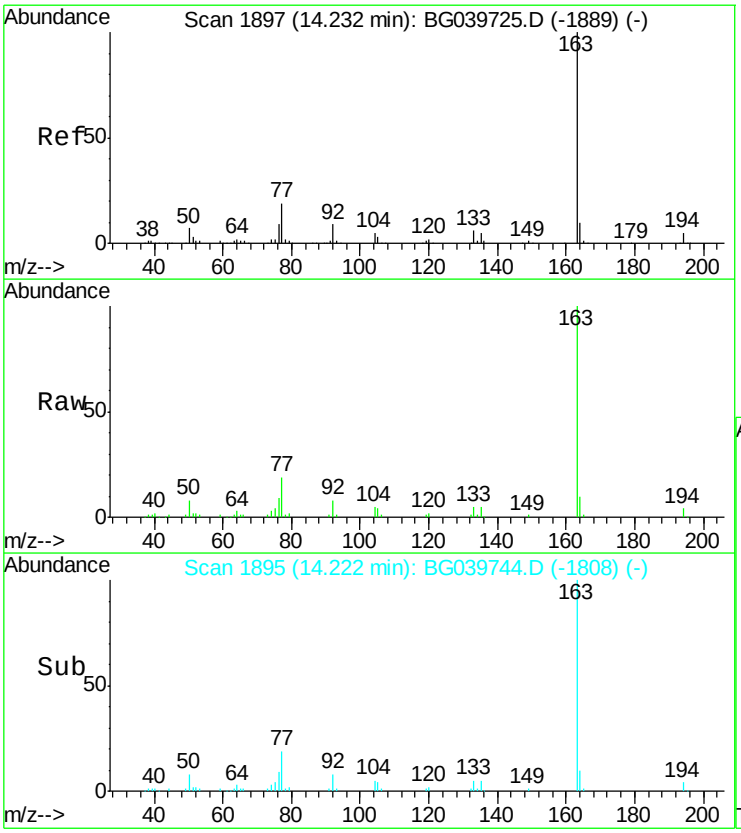
#45
2-Fluorobiphenyl
Concen: 90.250 ng
RT: 13.41 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Instrument :
BNA_G
ClientSampleId :
SB-B-11-14

Tgt Ion:172 Resp: 826537

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.8	46.2
170	25.0	20.2	30.4

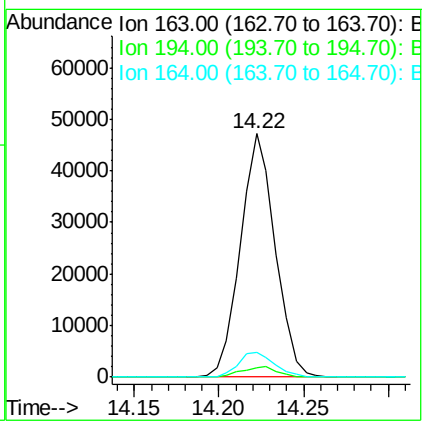


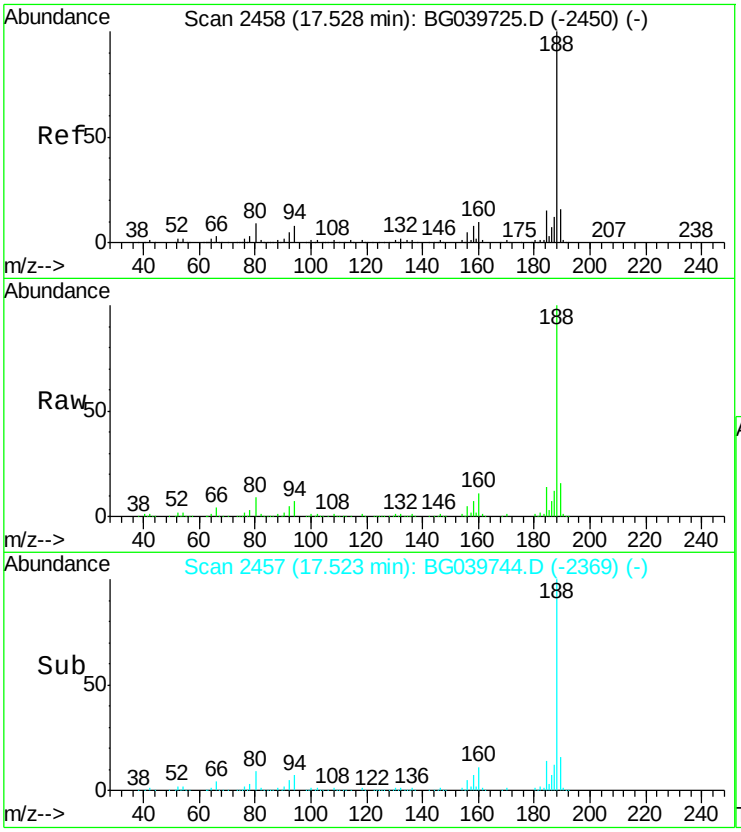


#50
Dimethylphthalate
Concen: 6.165 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion:163 Resp: 67220

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.6	5.4
164	10.4	8.4	12.6



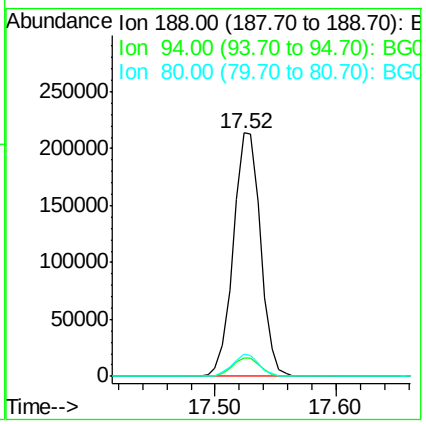


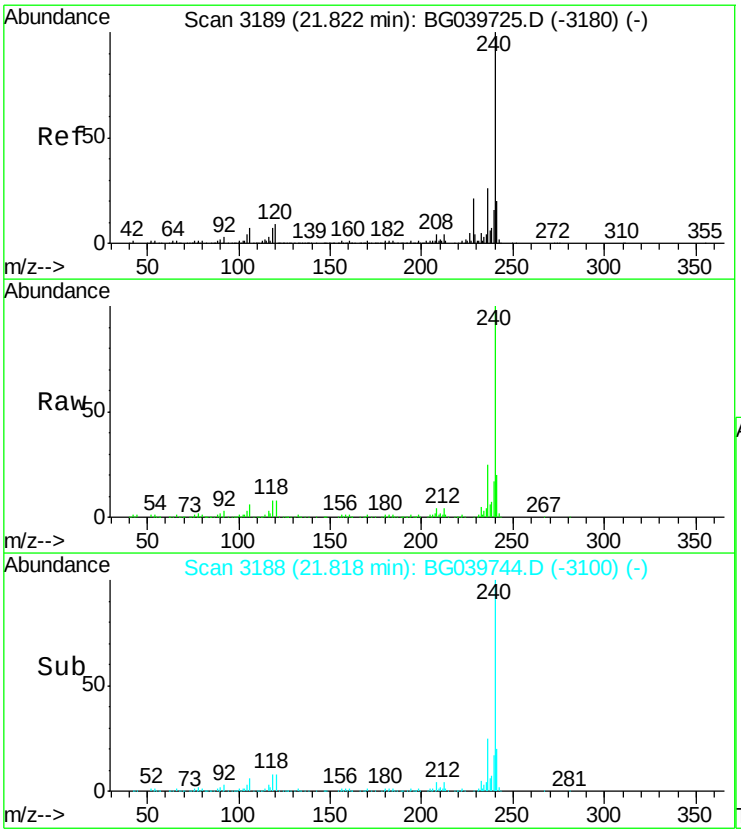
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Instrument :
BNA_G
ClientSampleId :
SB-B-11-14

Tgt Ion:188 Resp: 335105

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.9	10.3
80	9.3	8.1	12.1

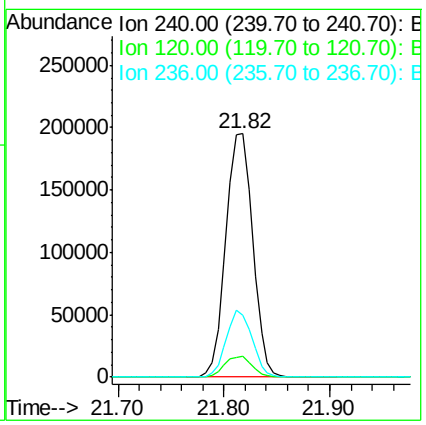


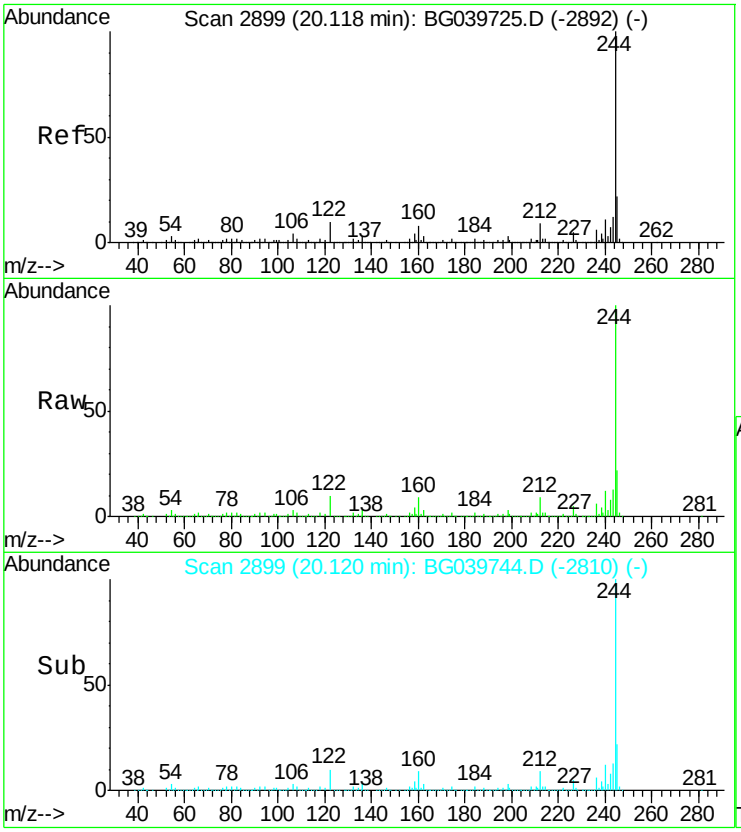


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion:240 Resp: 344740

Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.0	10.6
236	25.2	21.0	31.4



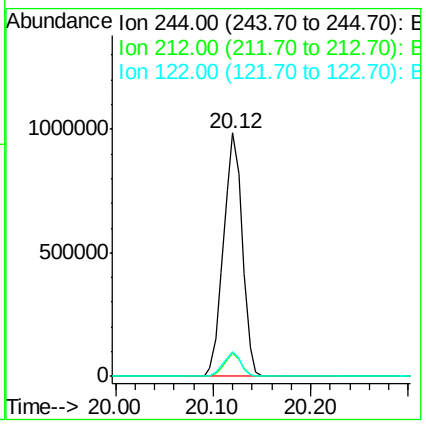


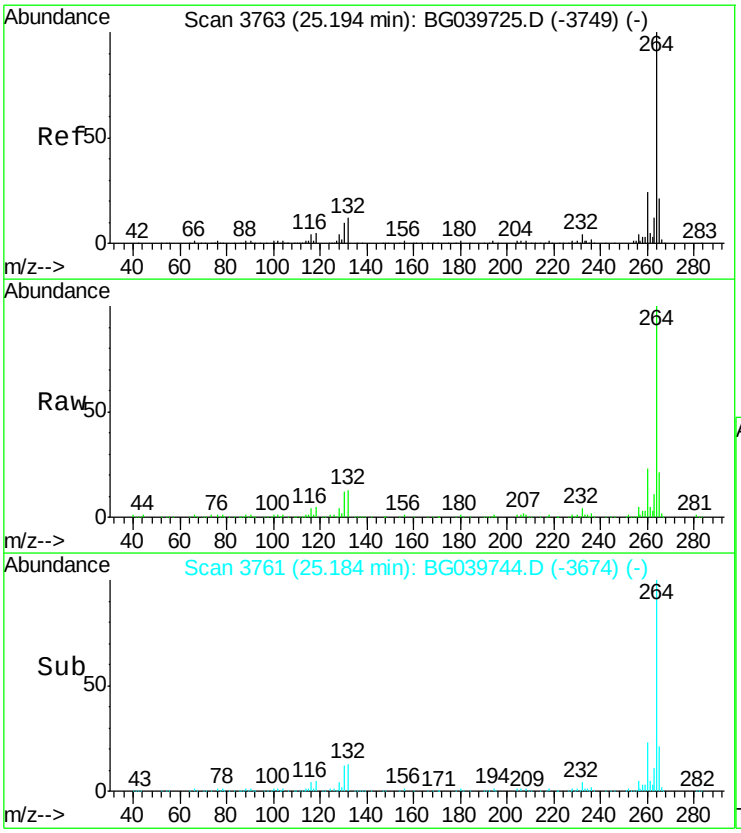
#79
Terphenyl-d14
Concen: 83.881 ng
RT: 20.12 min Scan# 2899
Delta R.T. -0.00 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Instrument :
BNA_G
ClientSampleId :
SB-B-11-14

Tgt Ion:244 Resp: 1313336

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.3	10.9
122	10.0	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: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion:264 Resp: 349348

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	21.3	18.5	27.7