Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030819\
Data File : BG039822.D
Acq On : 8 Mar 2019 15:38
Operator : JU/SJ
Sample : K1807-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-3

Quant Time: Mar 09 00:29:06 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	8.15	152	46763	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	213509	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	152973	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	371378	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	368796	20.00	ng	-0.02
87) Perylene-d12	25.18	264	380836	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	430429	157.03	ng	-0.01
7) Phenol-d6	7.30	99	637515	155.98	ng	-0.01
23) Nitrobenzene-d5	9.33	82	371439	94.09	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	259467	145.52	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	837628	77.96	ng	-0.01
79) Terphenyl-d14	20.12	244	1264095	75.47	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.32	94	14018	3.166	ng	89
50) Dimethylphthalate	14.22	163	71212	5.567	ng	99

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

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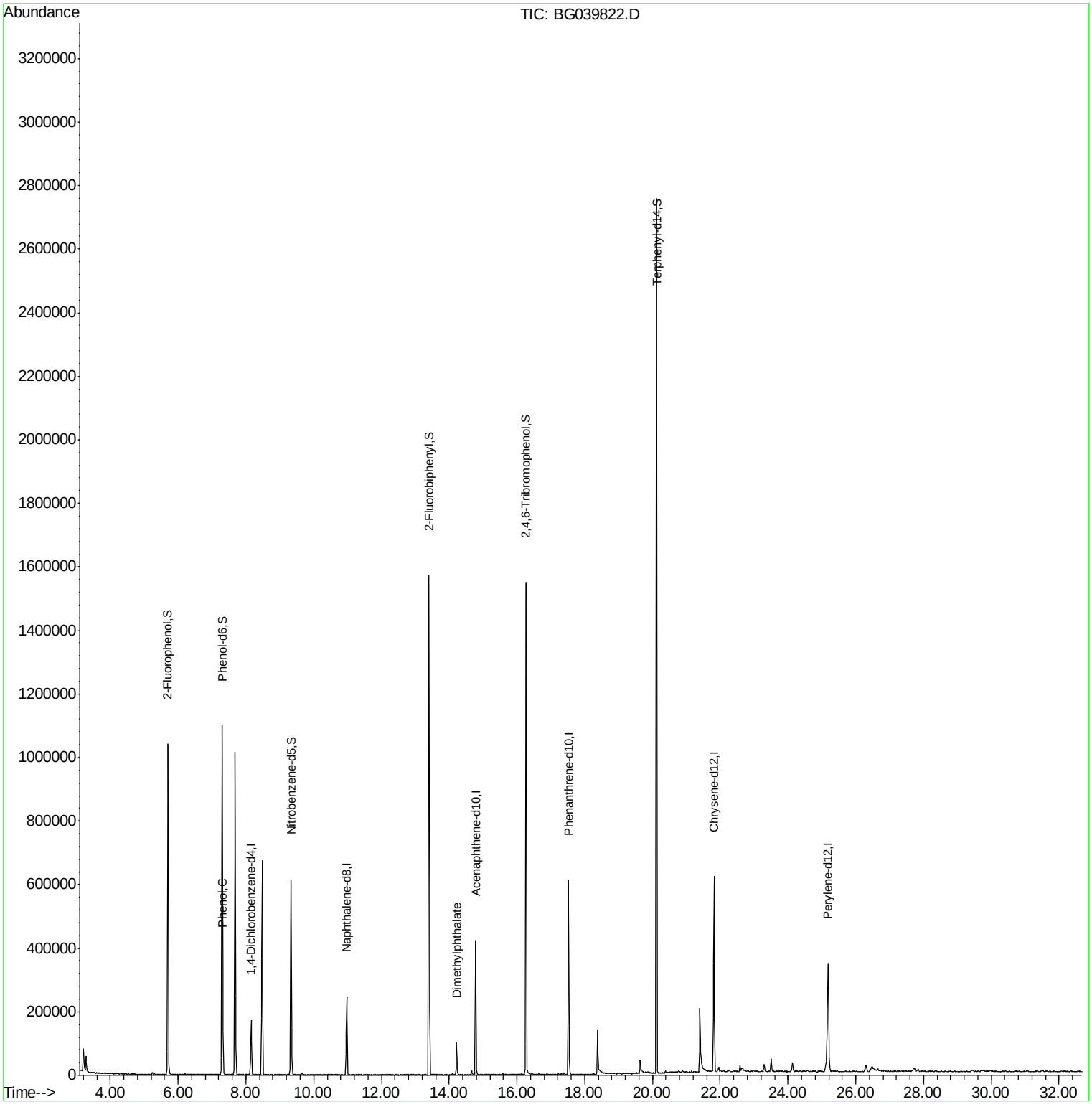
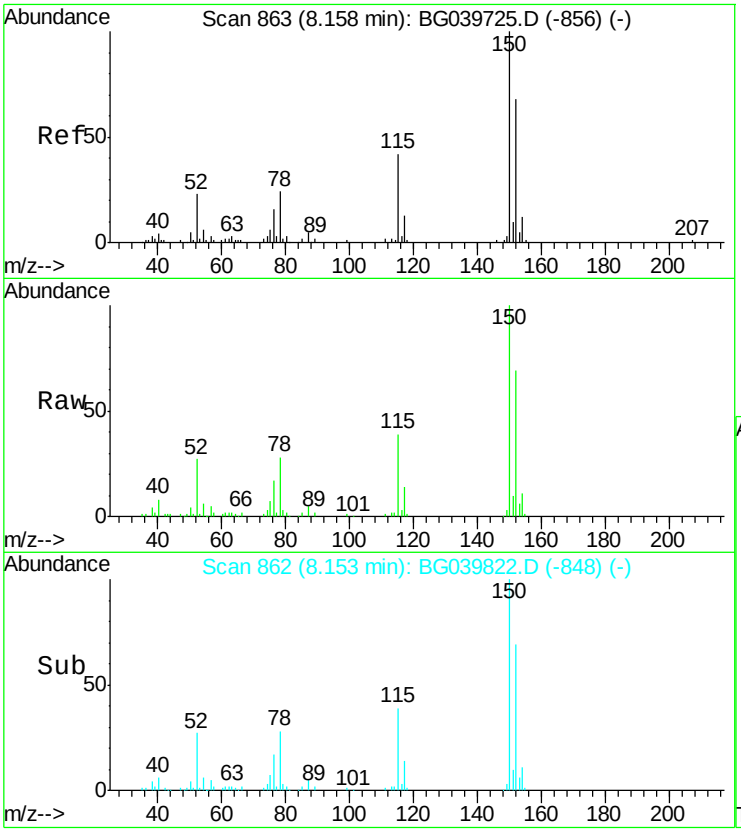


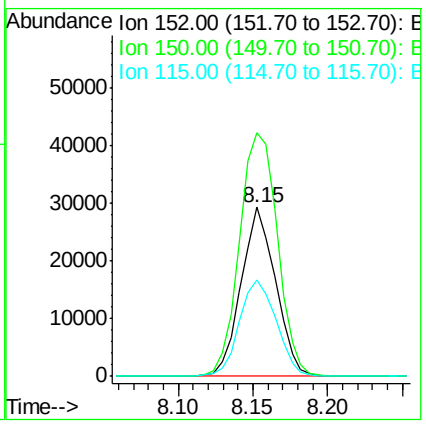


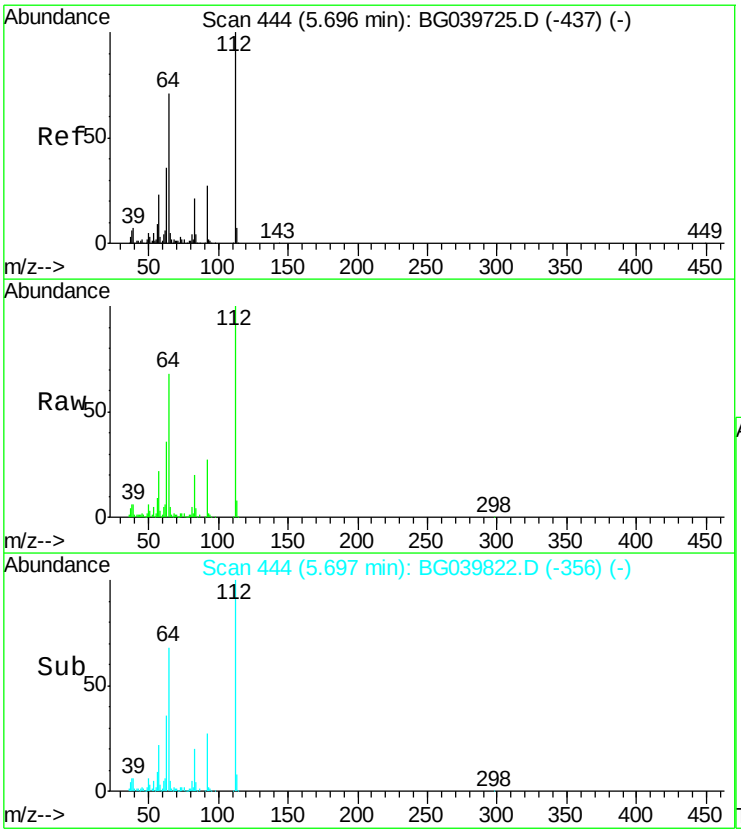
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039822.D
Acq: 8 Mar 2019 15:38

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 46763

Ion	Ratio	Lower	Upper
152	100		
150	144.2	123.7	185.5
115	56.8	45.9	68.9

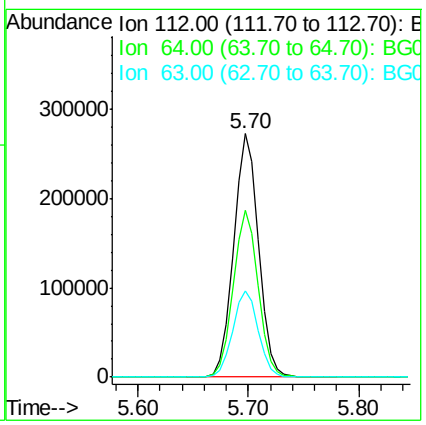


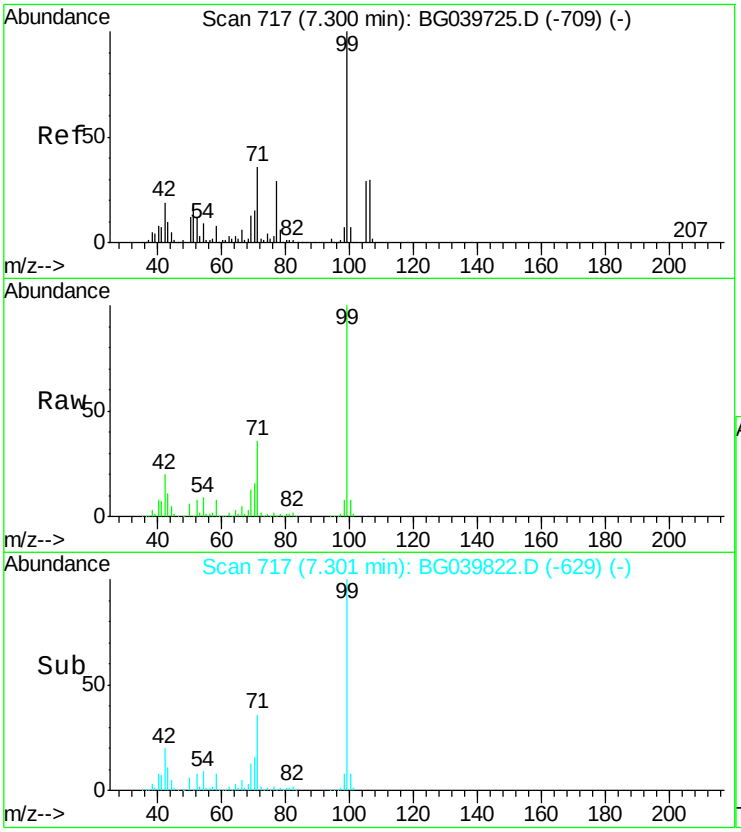


#5
2-Fluorophenol
Concen: 157.029 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039822.D
Acq: 8 Mar 2019 15:38

Tgt Ion:112 Resp: 430429

Ion	Ratio	Lower	Upper
112	100		
64	68.4	57.8	86.8
63	35.6	29.8	44.6



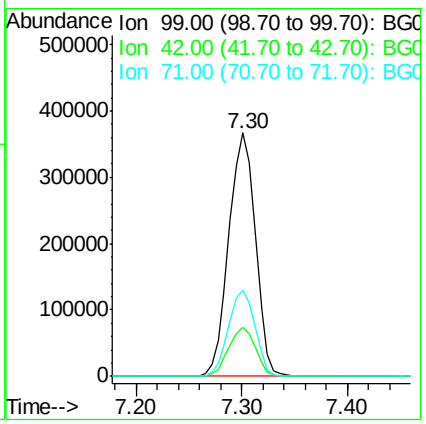


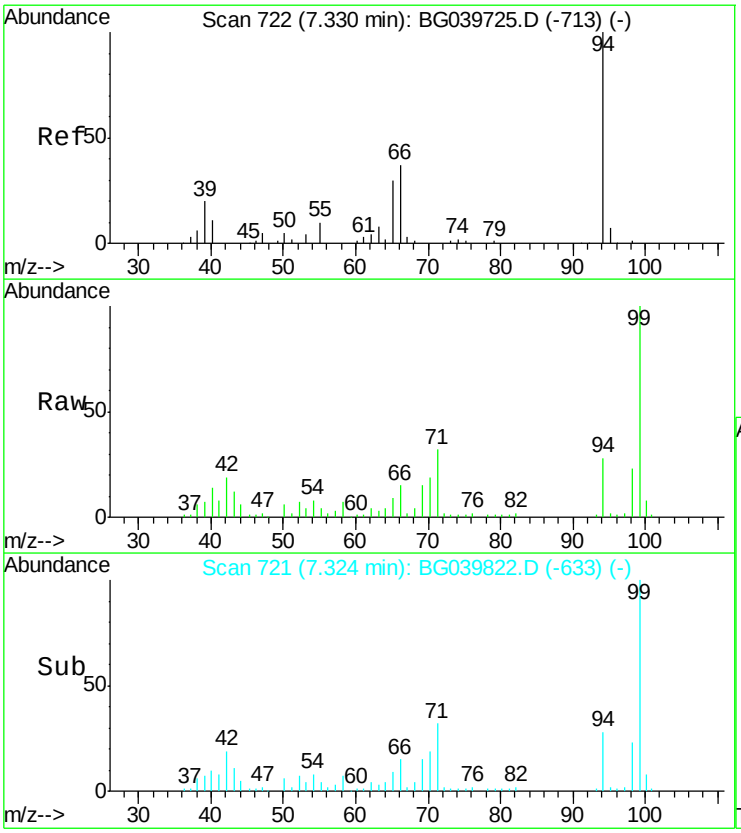
#7
Phenol-d6
Concen: 155.982 ng
RT: 7.30 min Scan# 717
Delta R.T. -0.01 min
Lab File: BG039822.D
Acq: 8 Mar 2019 15:38

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion: 99 Resp: 637515

Ion	Ratio	Lower	Upper
99	100		
42	20.2	18.2	27.2
71	35.6	28.0	42.0

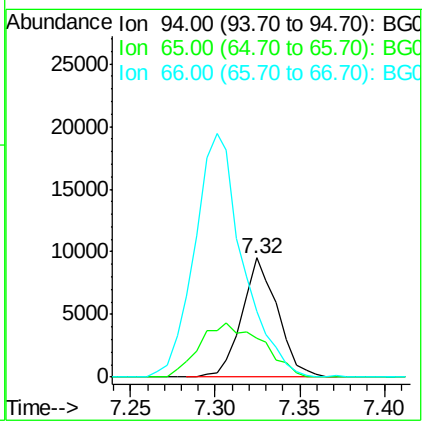


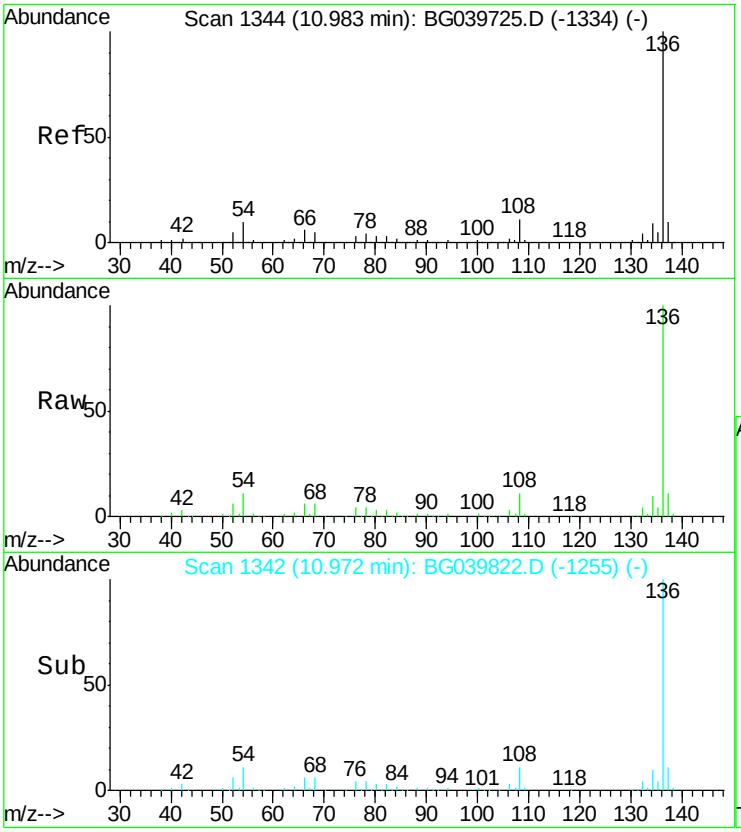


#10
Phenol
Concen: 3.166 ng
RT: 7.32 min Scan# 721
Delta R.T. -0.01 min
Lab File: BG039822.D
Acq: 8 Mar 2019 15:38

Tgt Ion: 94 Resp: 14018

Ion	Ratio	Lower	Upper
94	100		
65	32.5	11.7	51.7
66	55.4	23.7	63.7



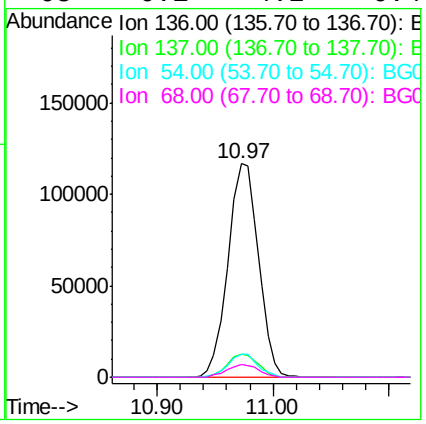


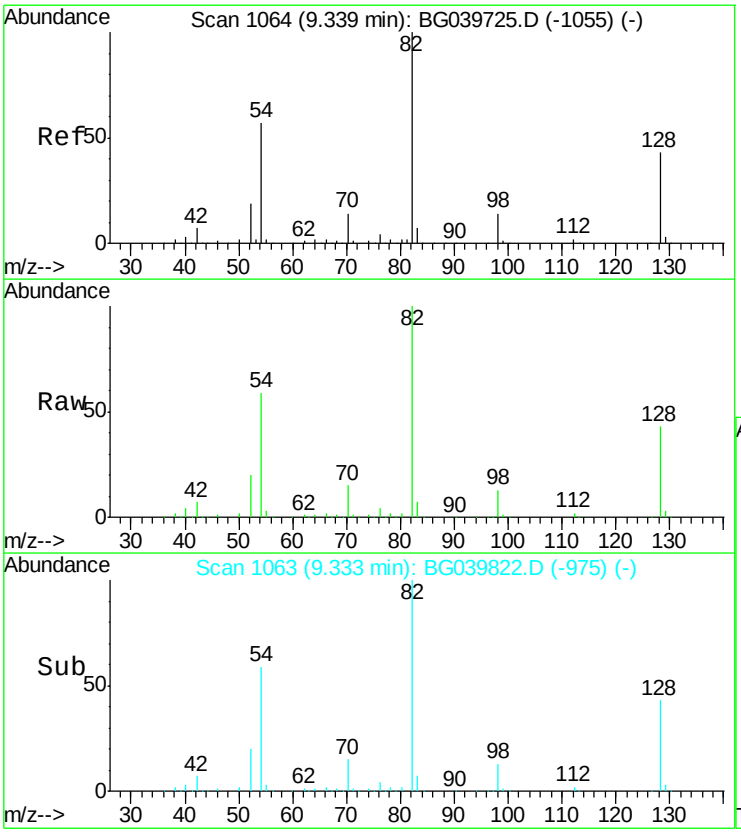
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039822.D
Acq: 8 Mar 2019 15:38

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:136 Resp: 213509

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	10.6	9.4	14.2
68	6.1	4.2	6.4

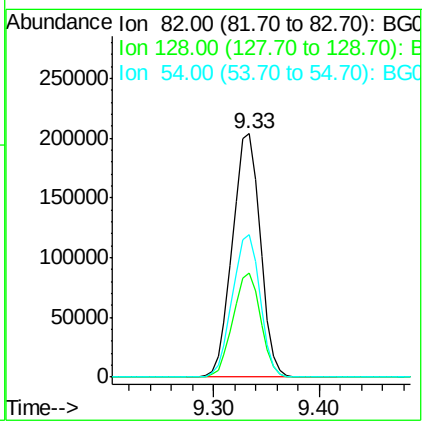


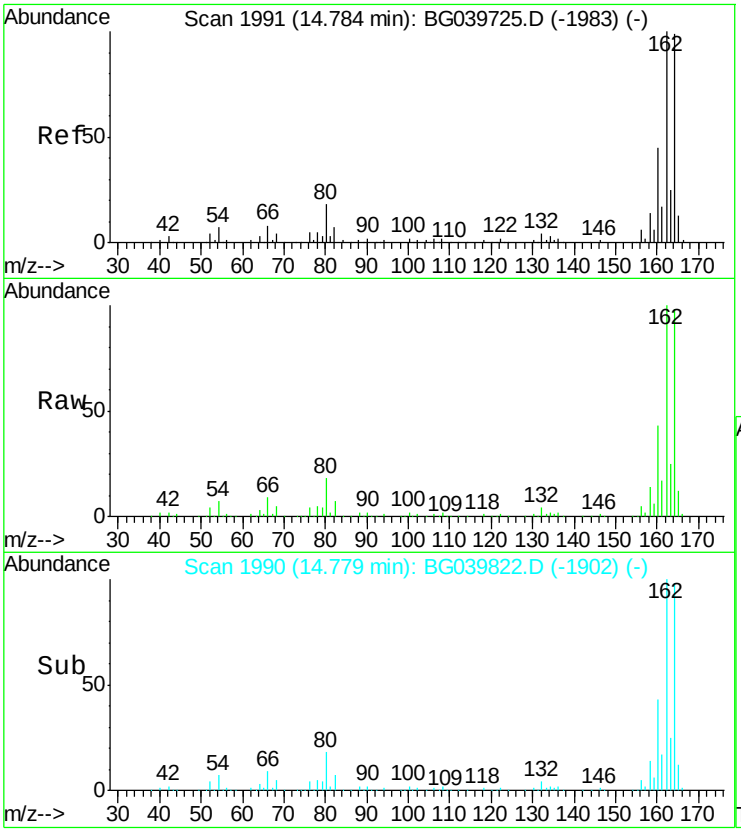


#23
Nitrobenzene-d5
Concen: 94.089 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039822.D
Acq: 8 Mar 2019 15:38

Tgt Ion: 82 Resp: 371439

Ion	Ratio	Lower	Upper
82	100		
128	42.9	31.3	46.9
54	58.7	50.9	76.3



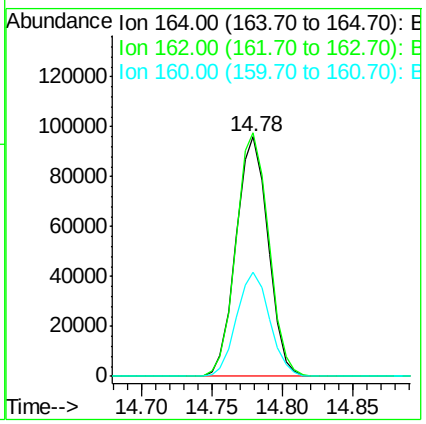


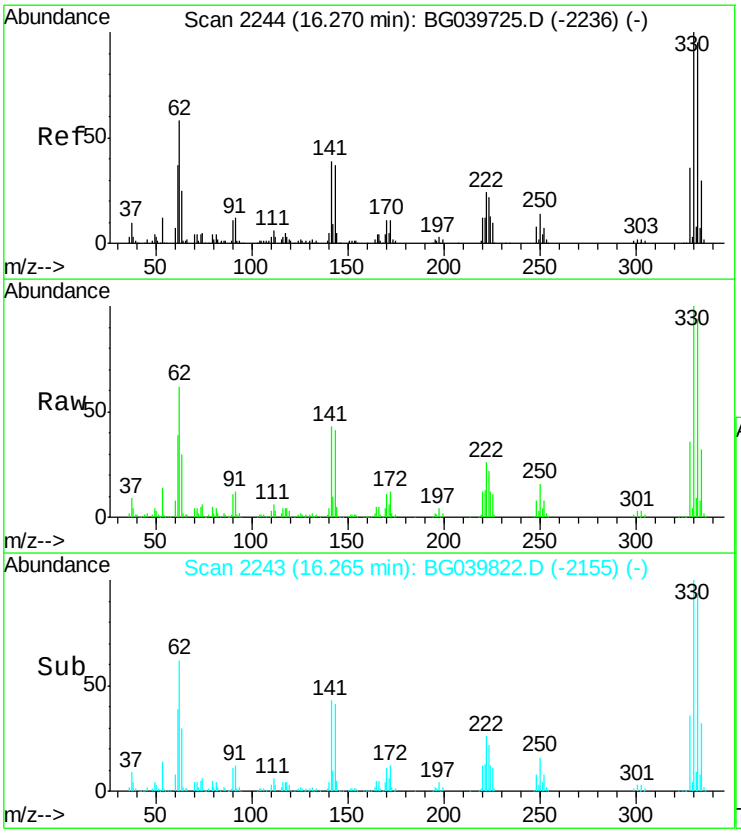
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039822.D
Acq: 8 Mar 2019 15:38

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:164 Resp: 152973

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.6	122.4
160	43.6	34.2	51.2

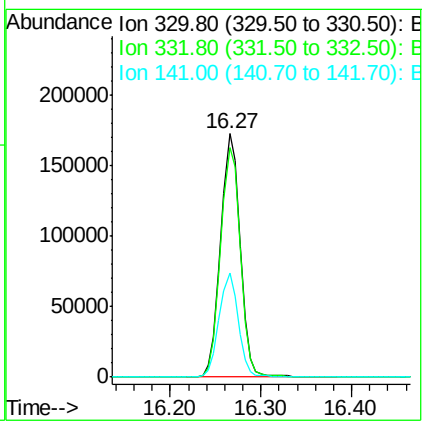


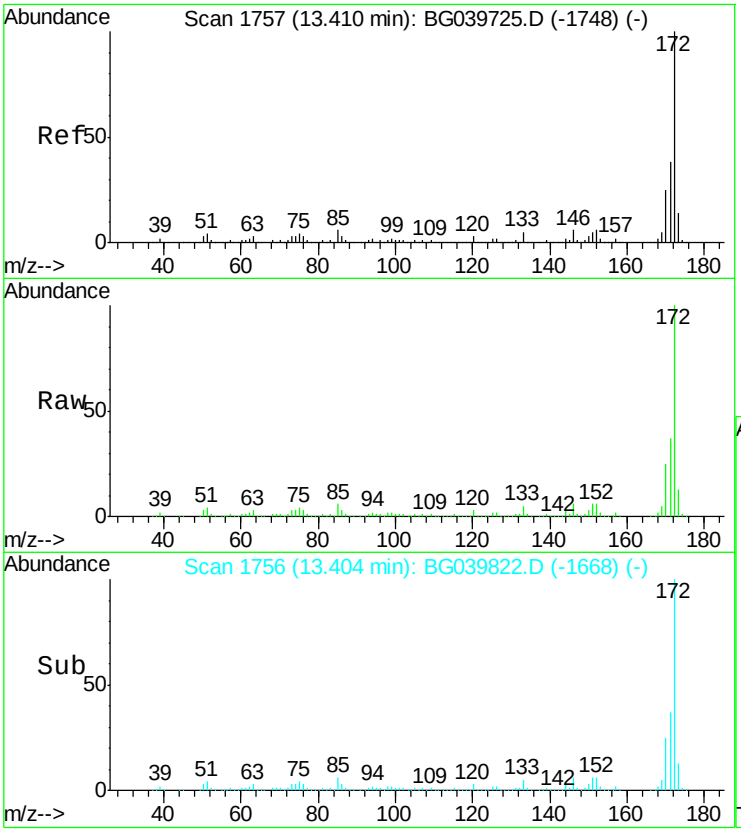


#42
2,4,6-Tribromophenol
Concen: 145.522 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BG039822.D
Acq: 8 Mar 2019 15:38

Tgt Ion:330 Resp: 259467

Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.7	113.5
141	41.8	35.6	53.4



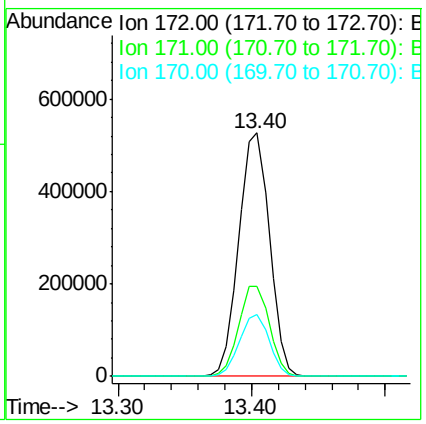


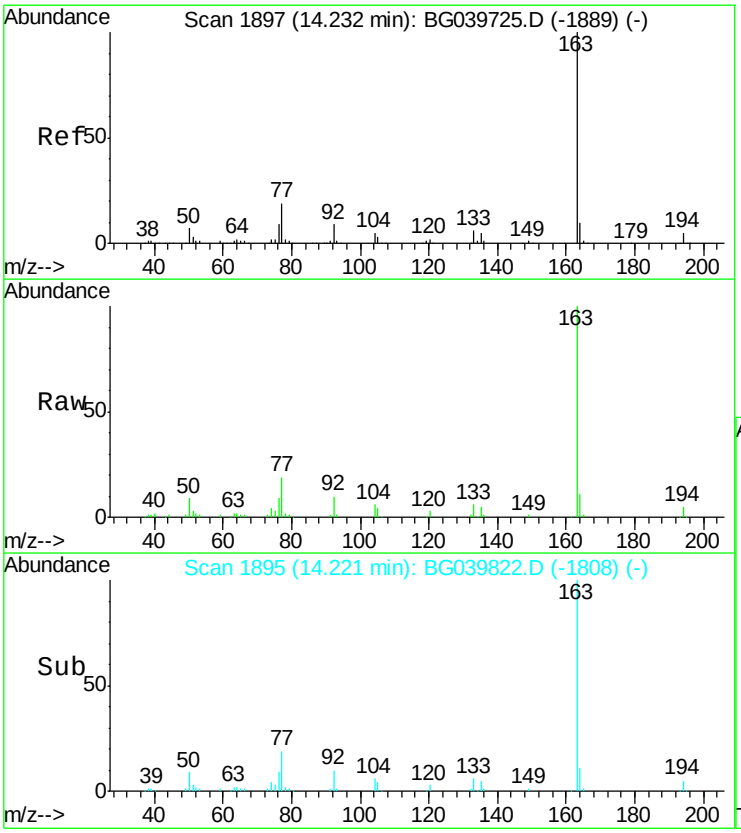
#45
2-Fluorobiphenyl
Concen: 77.964 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039822.D
Acq: 8 Mar 2019 15:38

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:172 Resp: 837628

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.8	46.2
170	25.2	20.2	30.4

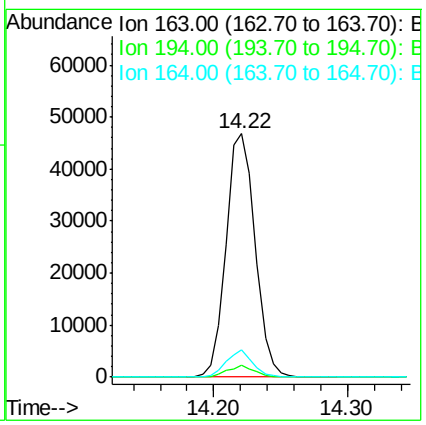


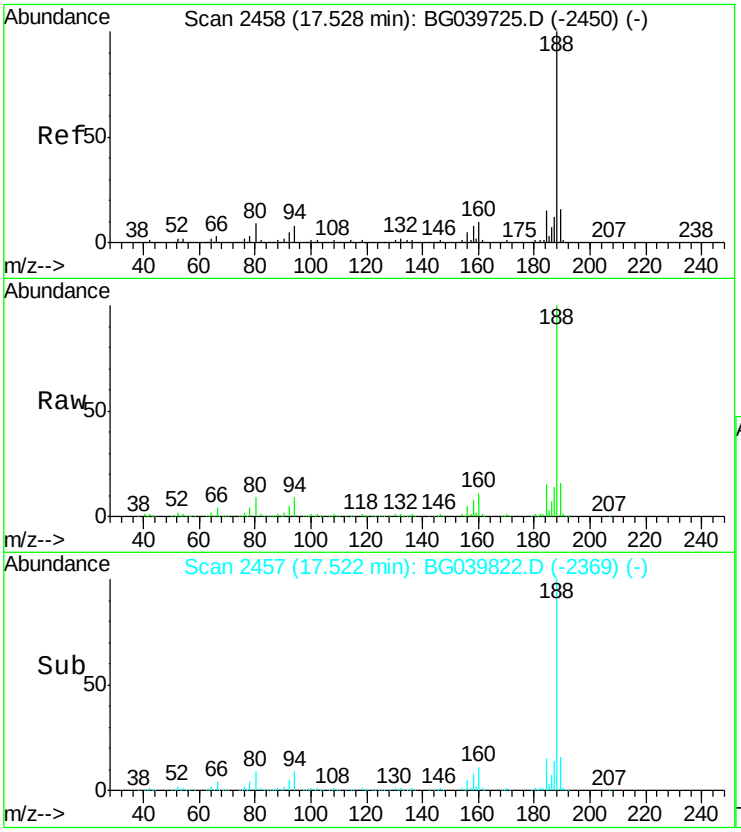


#50
Dimethylphthalate
Concen: 5.567 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BG039822.D
Acq: 8 Mar 2019 15:38

Tgt Ion:163 Resp: 71212

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.6	5.4
164	11.0	8.4	12.6



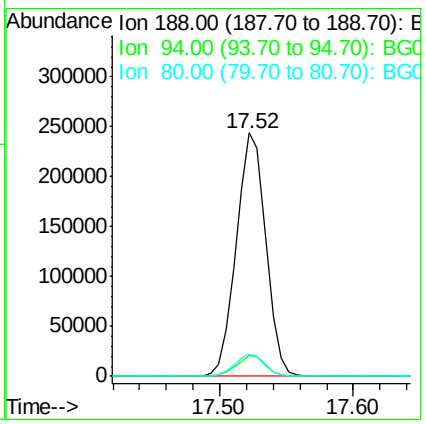


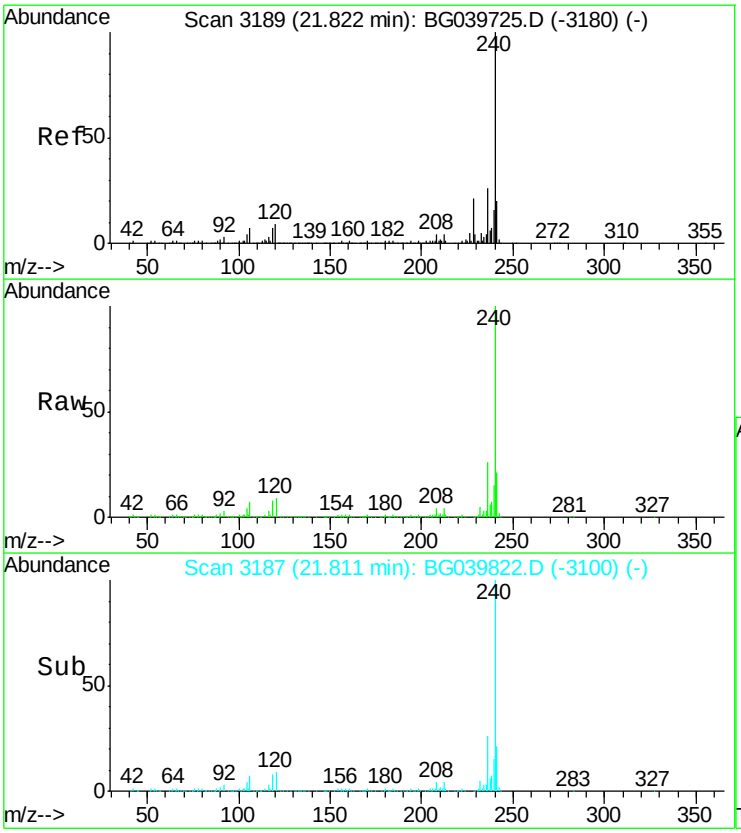
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039822.D
Acq: 8 Mar 2019 15:38

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:188 Resp: 371378

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.9	10.3
80	9.4	8.1	12.1

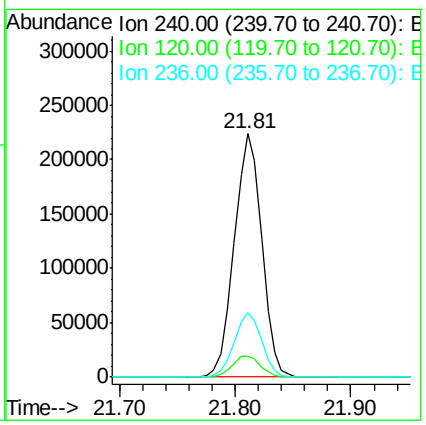


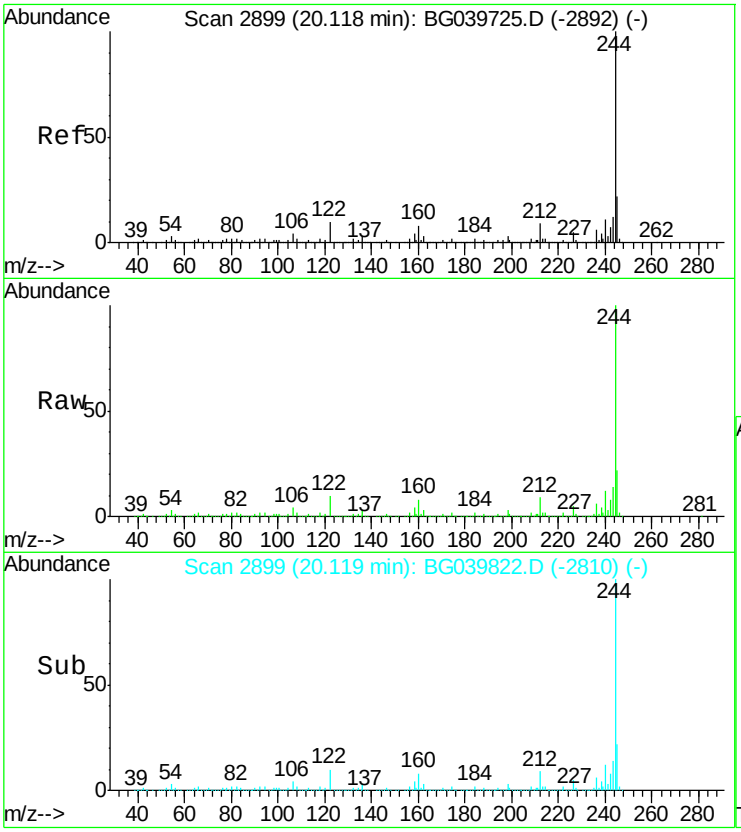


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039822.D
Acq: 8 Mar 2019 15:38

Tgt Ion:240 Resp: 368796

Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.0	10.6
236	26.3	21.0	31.4



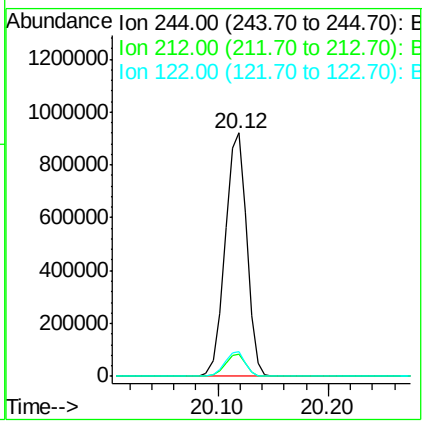


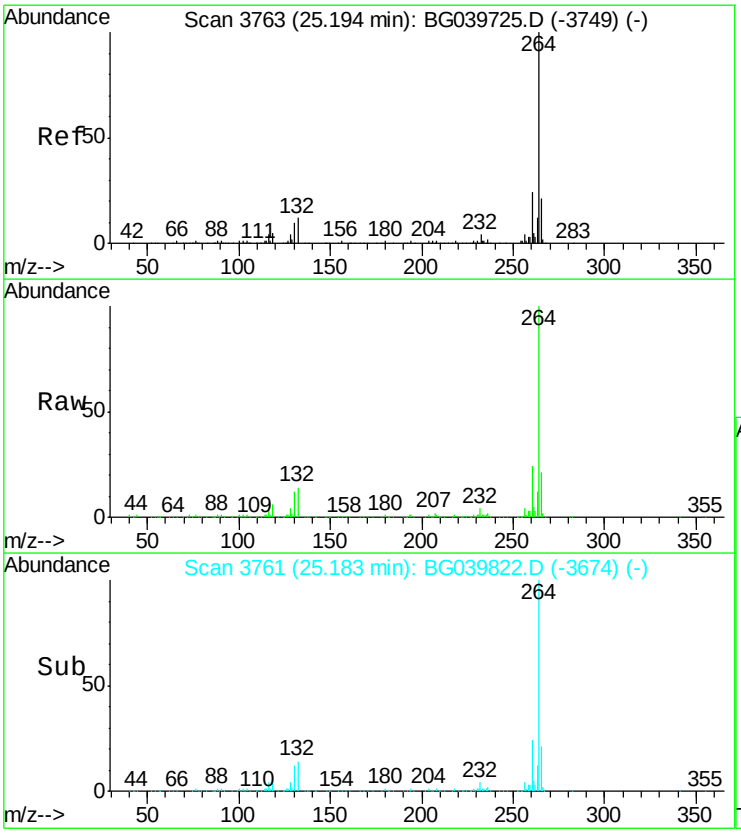
#79
Terphenyl-d14
Concen: 75.470 ng
RT: 20.12 min Scan# 2899
Delta R.T. -0.01 min
Lab File: BG039822.D
Acq: 8 Mar 2019 15:38

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:244 Resp: 1264095

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.3	10.9
122	10.2	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: BG039822.D
Acq: 8 Mar 2019 15:38

Tgt Ion:264 Resp: 380836

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	21.1	18.5	27.7