Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111418\
Data File : BG038001.D
Acq On : 14 Nov 2018 17:41
Operator : JU/SJ
Sample : J5925-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1D

Quant Time: Nov 15 00:59:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	43241	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	182590	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	117429	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	292216	20.00	ng	0.00
76) Chrysene-d12	21.75	240	284937	20.00	ng	0.00
87) Perylene-d12	25.06	264	292719	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	292043	116.61	ng	0.00
7) Phenol-d6	7.23	99	376288	105.26	ng	0.00
23) Nitrobenzene-d5	9.26	82	273503	80.18	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	160940	120.17	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	621986	77.17	ng	0.00
79) Terphenyl-d14	20.06	244	1076942	88.93	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	12.56	142	53406	8.279	ng	98
38) 1-Methylnaphthalene	12.77	142	50838	8.187	ng	99

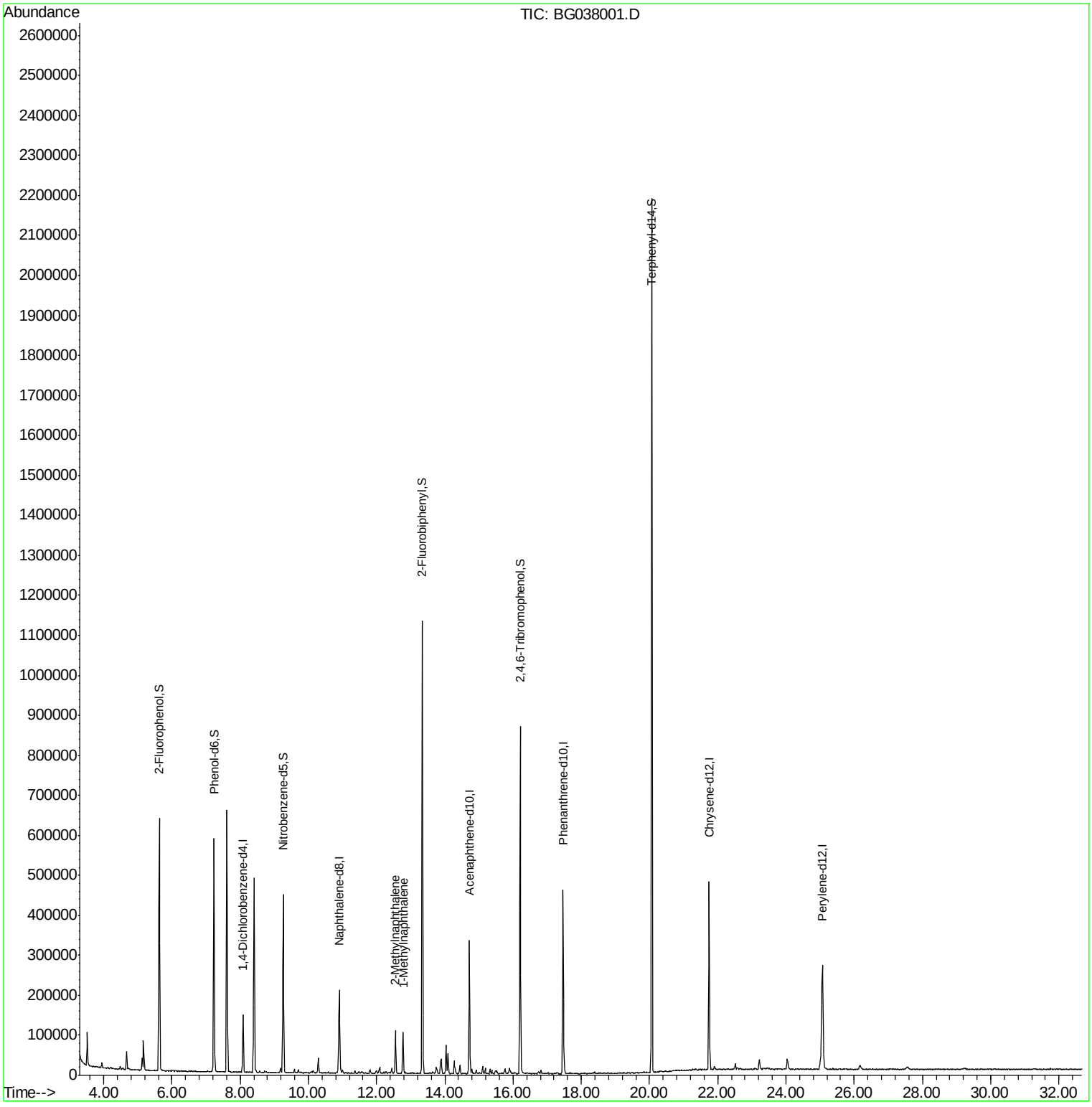
(#) = qualifier out of range (m) = manual integration (+) = signals summed

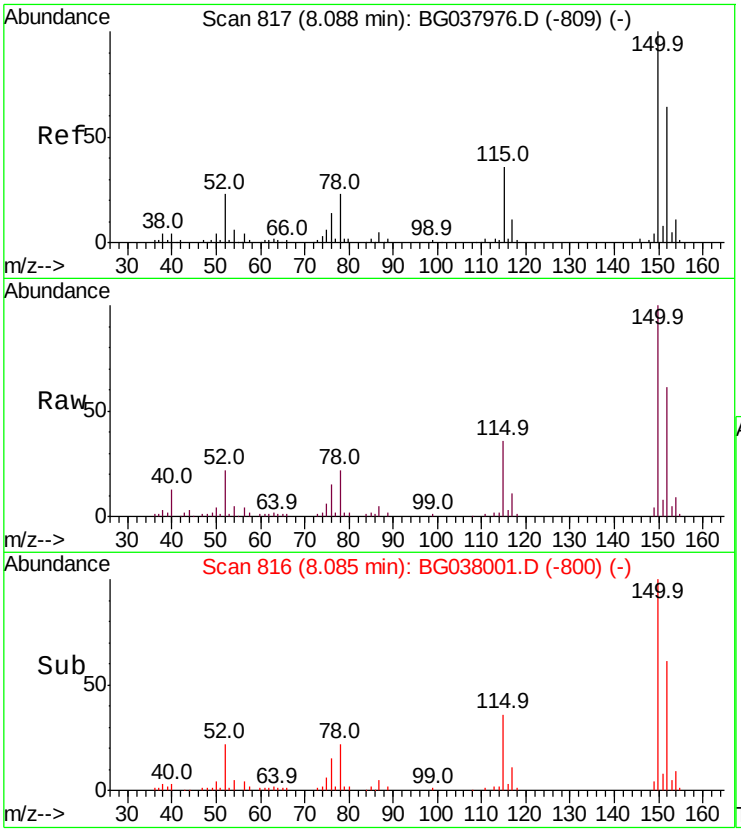
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111418\
Data File : BG038001.D
Acq On : 14 Nov 2018 17:41
Operator : JU/SJ
Sample : J5925-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1D

Quant Time: Nov 15 00:59:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration



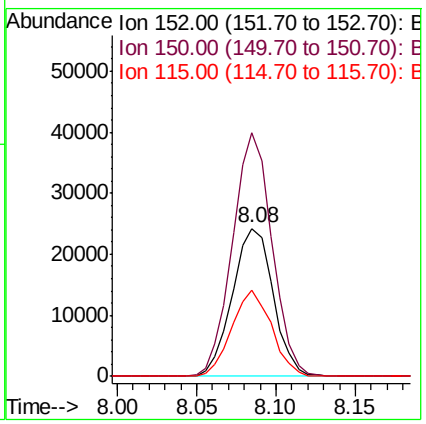


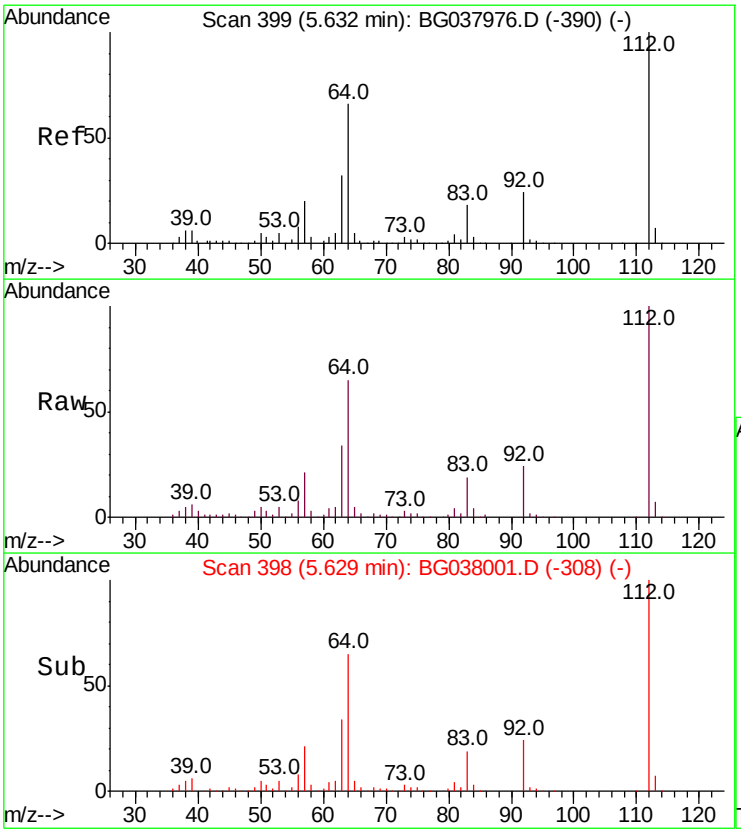
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038001.D
Acq: 14 Nov 2018 17:41

Instrument :
BNA_G
ClientSampleId :
TP-1D

Tgt Ion:152 Resp: 43241

Ion	Ratio	Lower	Upper
152	100		
150	164.2	126.0	189.0
115	58.5	45.5	68.3

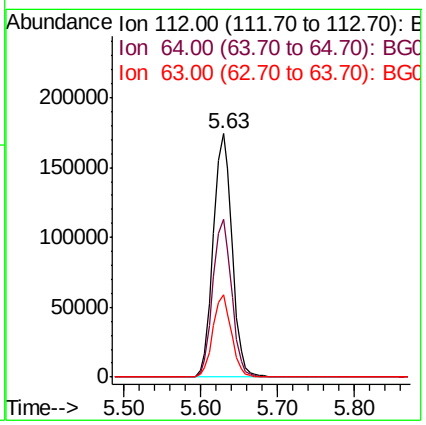


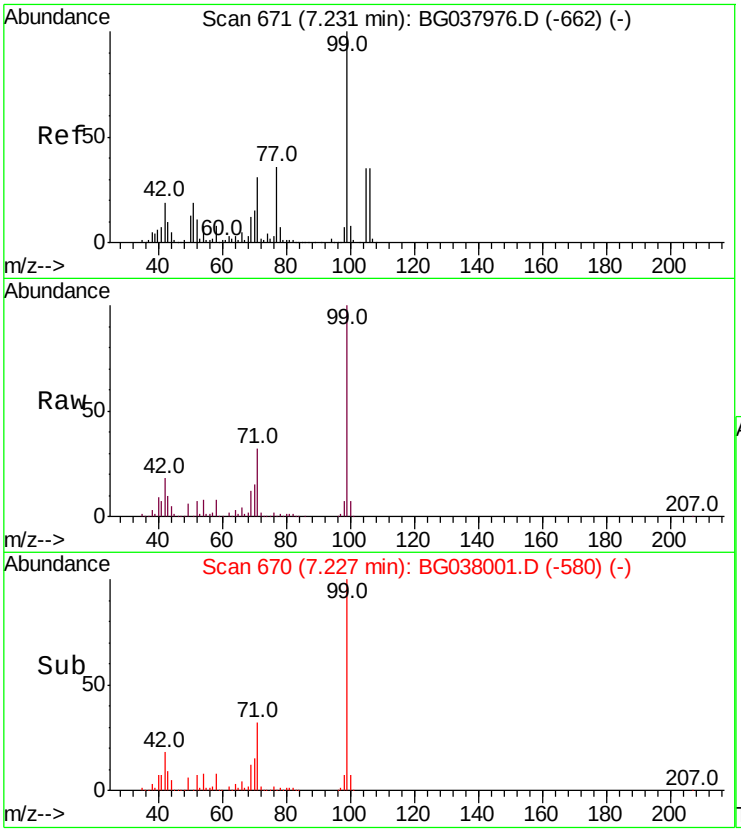


#5
2-Fluorophenol
Concen: 116.610 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038001.D
Acq: 14 Nov 2018 17:41

Tgt Ion:112 Resp: 292043

Ion	Ratio	Lower	Upper
112	100		
64	65.1	53.1	79.7
63	33.9	27.3	40.9



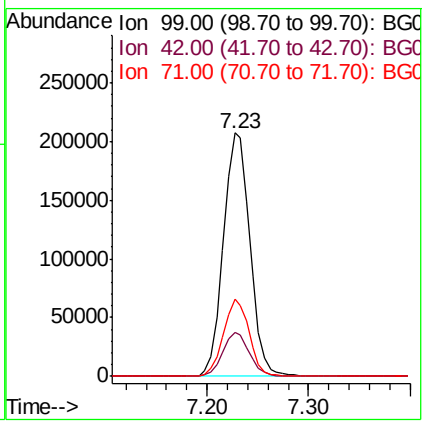


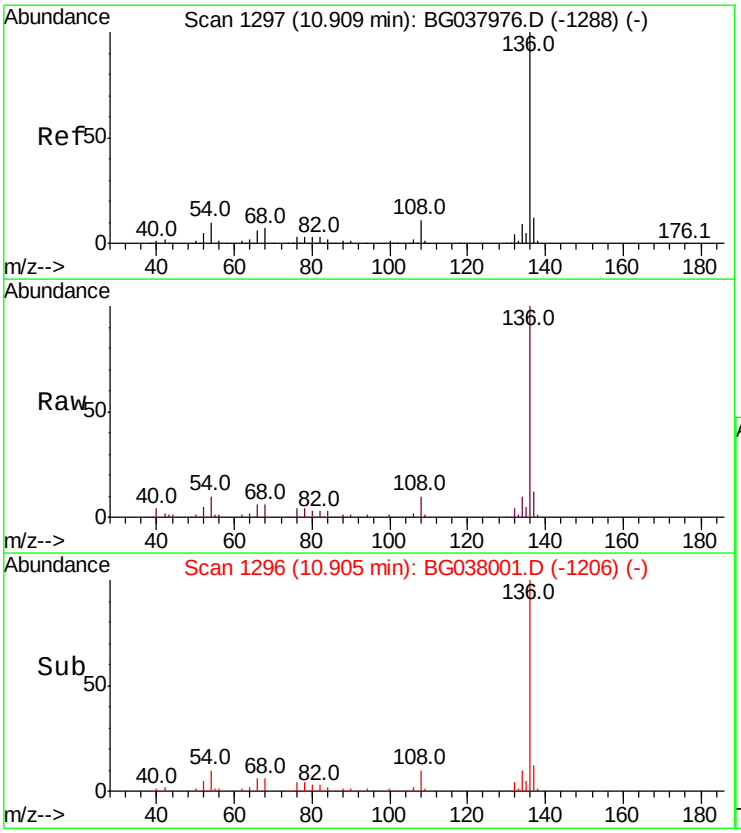
#7
Phenol-d6
Concen: 105.257 ng
RT: 7.23 min Scan# 670
Delta R.T. -0.00 min
Lab File: BG038001.D
Acq: 14 Nov 2018 17:41

Instrument :
BNA_G
ClientSampleId :
TP-1D

Tgt Ion: 99 Resp: 376288

Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.0	22.4
71	31.5	25.5	38.3

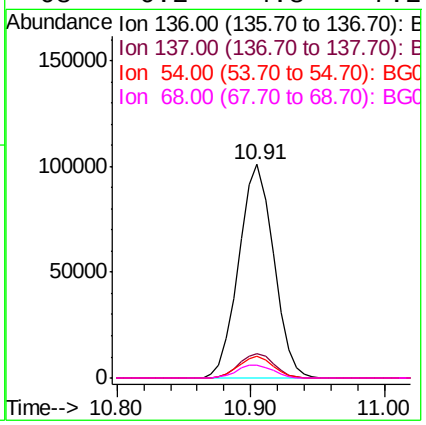


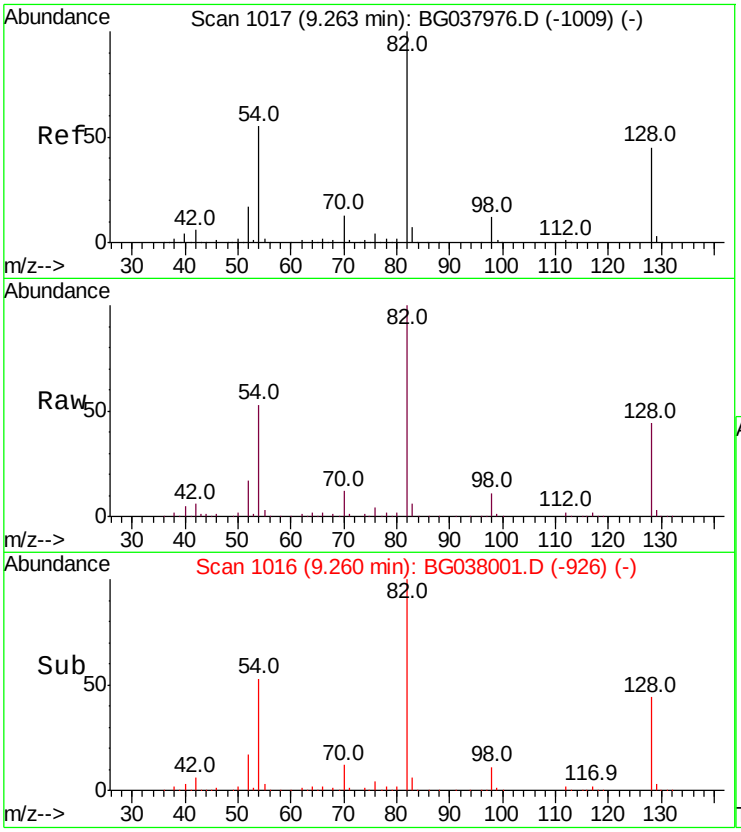


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG038001.D
Acq: 14 Nov 2018 17:41

Tgt Ion:136 Resp: 182590

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	10.4	7.9	11.9
68	6.2	4.8	7.2



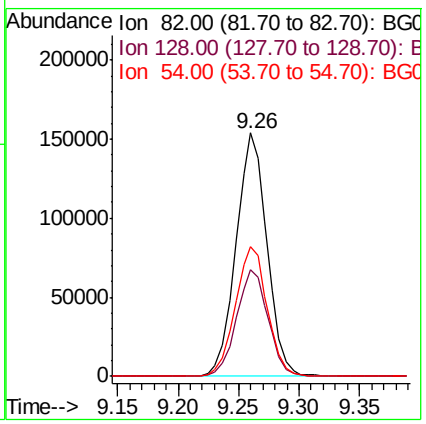


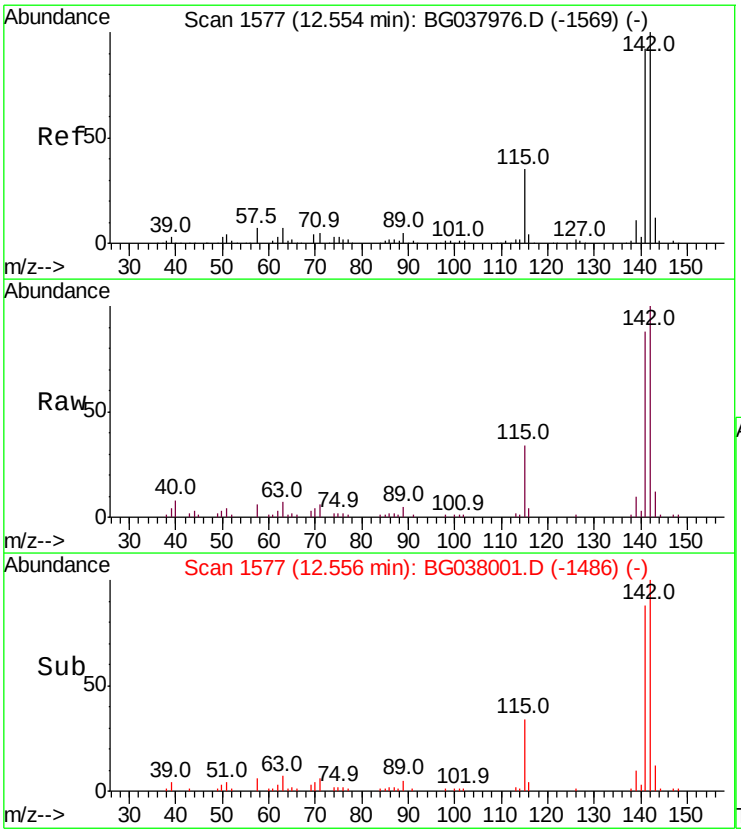
#23
Nitrobenzene-d5
Concen: 80.184 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038001.D
Acq: 14 Nov 2018 17:41

Instrument :
BNA_G
ClientSampleId :
TP-1D

Tgt Ion: 82 Resp: 273503

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.6	51.8
54	53.4	45.3	67.9

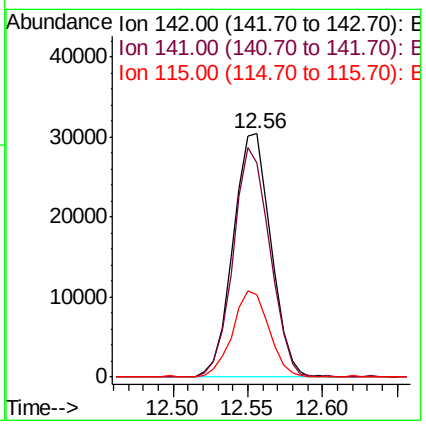


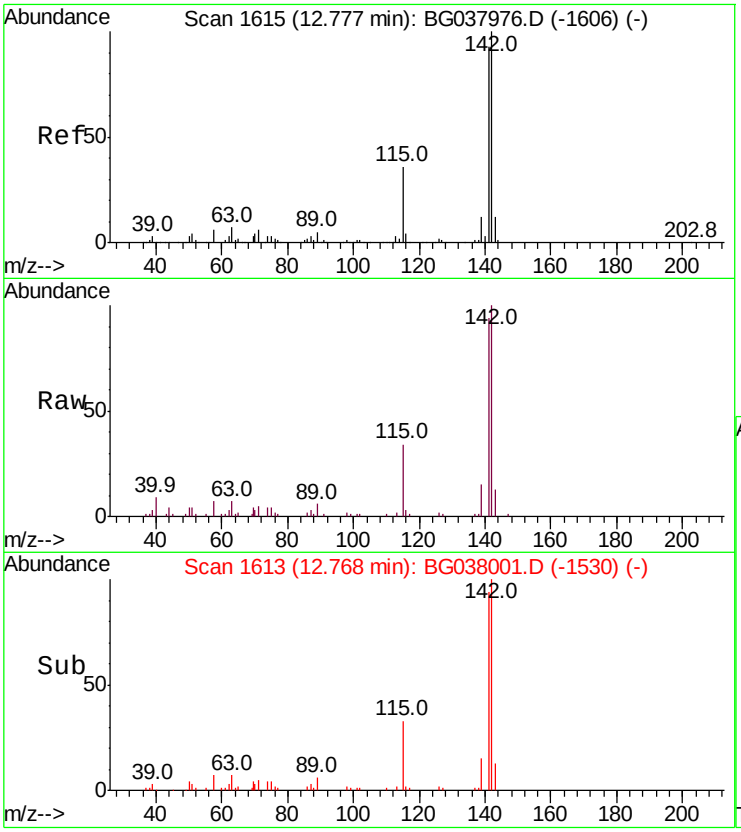


#37
2-Methylnaphthalene
Concen: 8.279 ng
RT: 12.56 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BG038001.D
Acq: 14 Nov 2018 17:41

Tgt Ion:142 Resp: 53406

Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.9	107.9
115	33.7	27.8	41.8



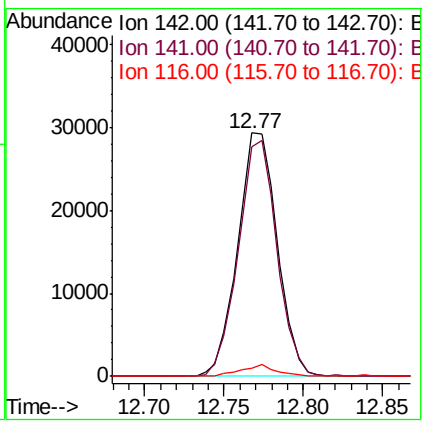


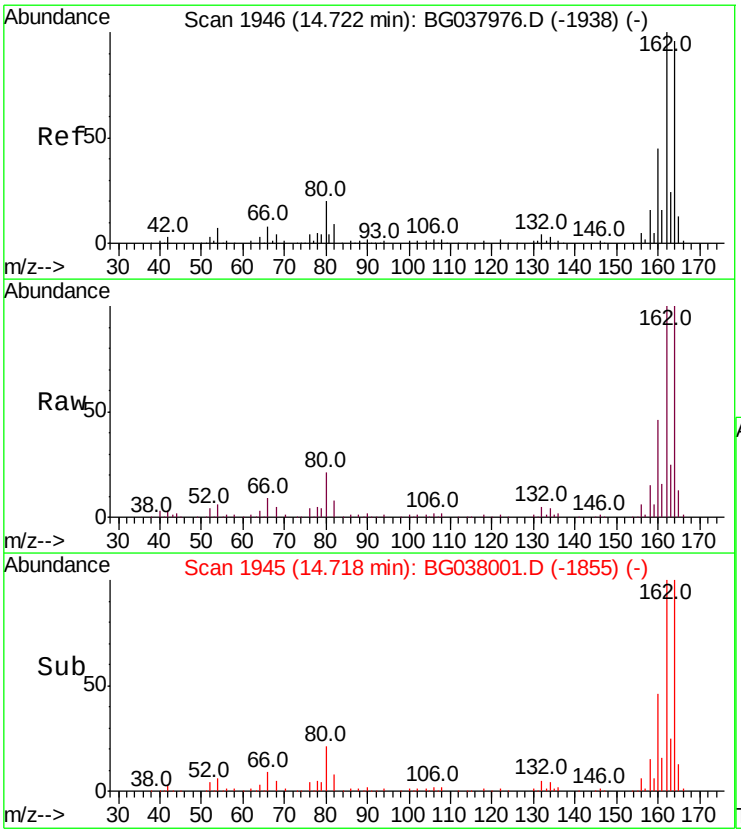
#38
1-Methylnaphthalene
Concen: 8.187 ng
RT: 12.77 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BG038001.D
Acq: 14 Nov 2018 17:41

Instrument :
BNA_G
ClientSampleId :
TP-1D

Tgt Ion:142 Resp: 50838

Ion	Ratio	Lower	Upper
142	100		
141	94.4	75.2	112.8
116	3.5	3.3	4.9

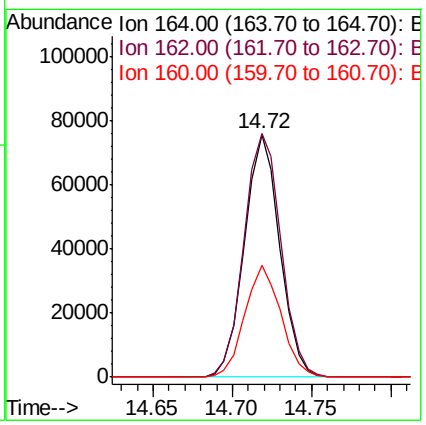


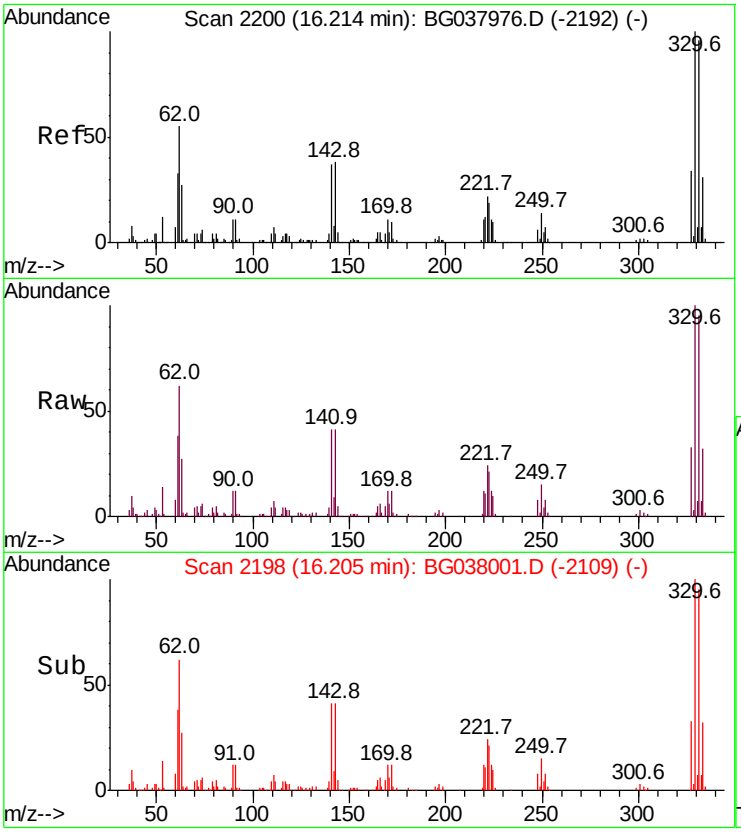


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG038001.D
Acq: 14 Nov 2018 17:41

Tgt Ion:164 Resp: 117429

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.3	121.9
160	46.3	36.3	54.5



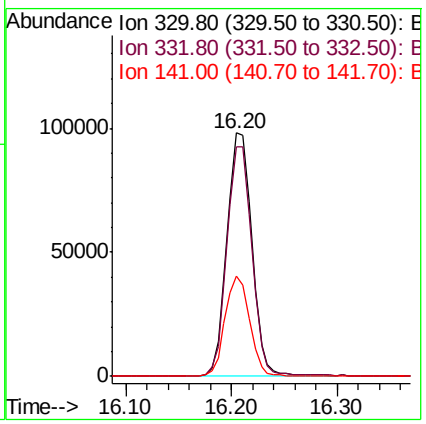


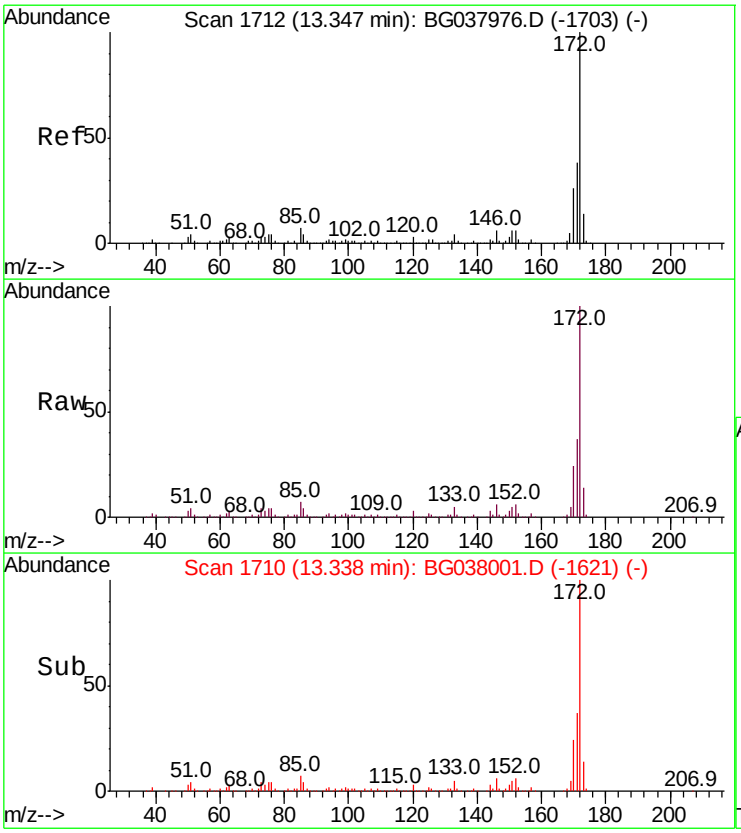
#42
2,4,6-Tribromophenol
Concen: 120.172 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BG038001.D
Acq: 14 Nov 2018 17:41

Instrument :
BNA_G
ClientSampleId :
TP-1D

Tgt Ion:330 Resp: 160940

Ion	Ratio	Lower	Upper
330	100		
332	94.7	78.4	117.6
141	40.4	32.2	48.2

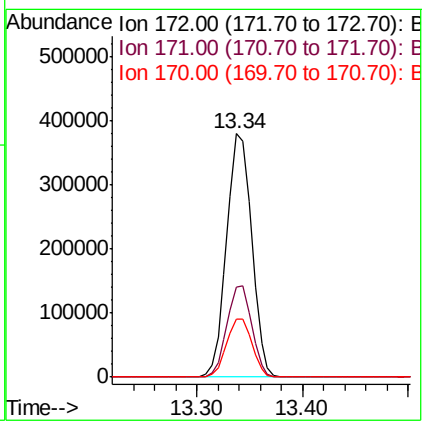


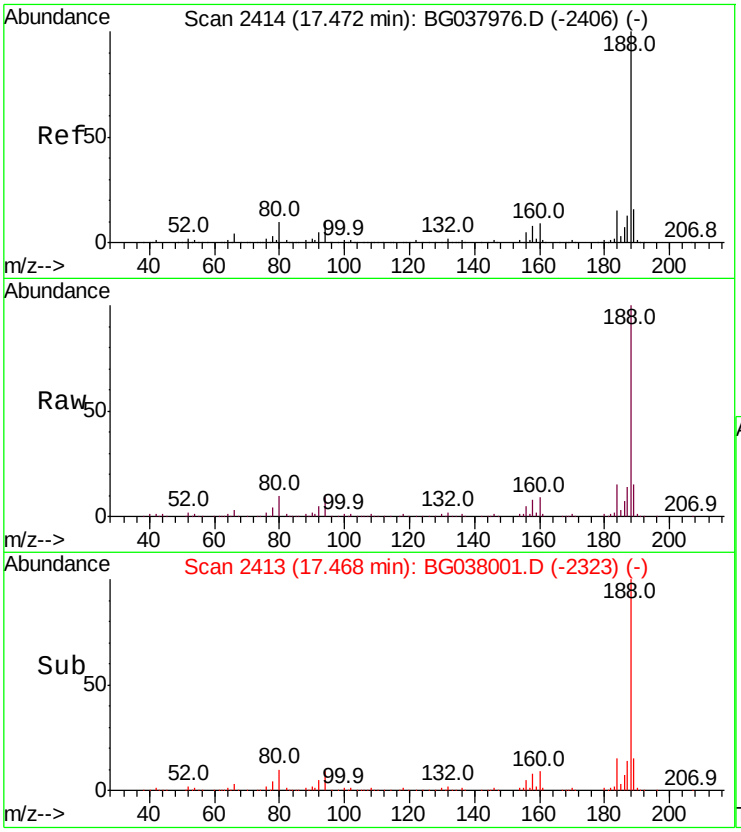


#45
2-Fluorobiphenyl
Concen: 77.165 ng
RT: 13.34 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG038001.D
Acq: 14 Nov 2018 17:41

Tgt Ion:172 Resp: 621986

Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.0	46.4
170	24.1	20.2	30.2



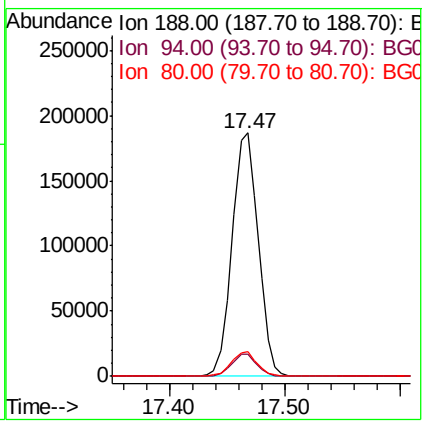


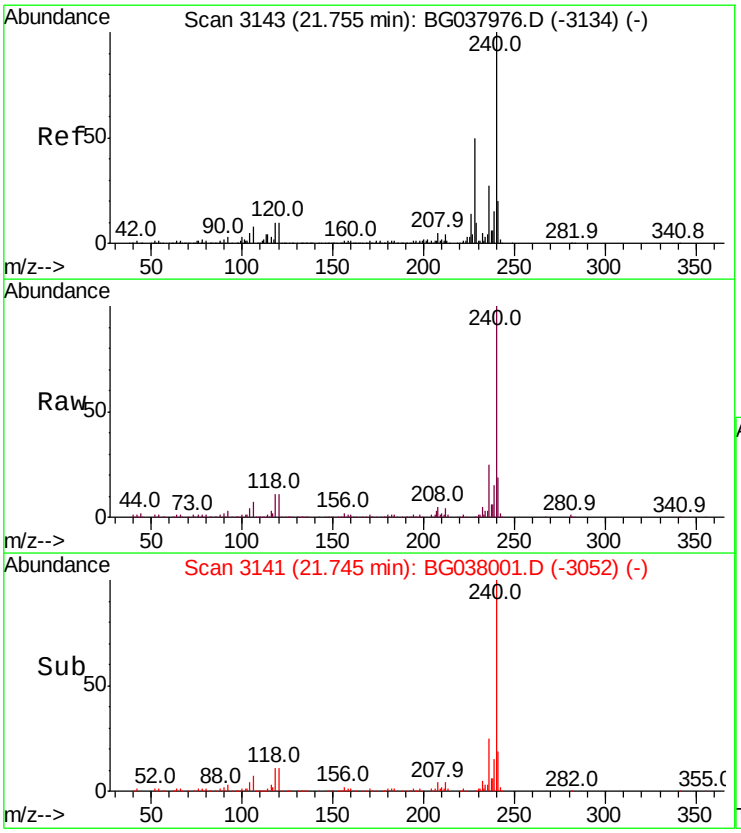
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG038001.D
Acq: 14 Nov 2018 17:41

Instrument :
BNA_G
ClientSampleId :
TP-1D

Tgt Ion:188 Resp: 292216

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	9.9	7.7	11.5

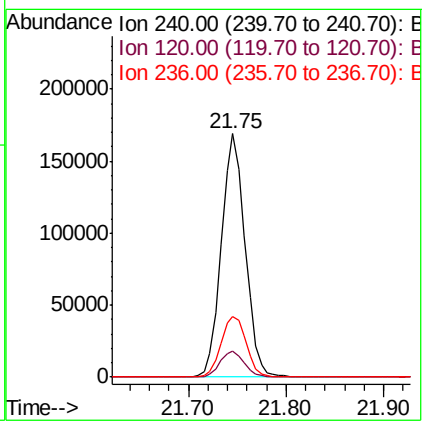


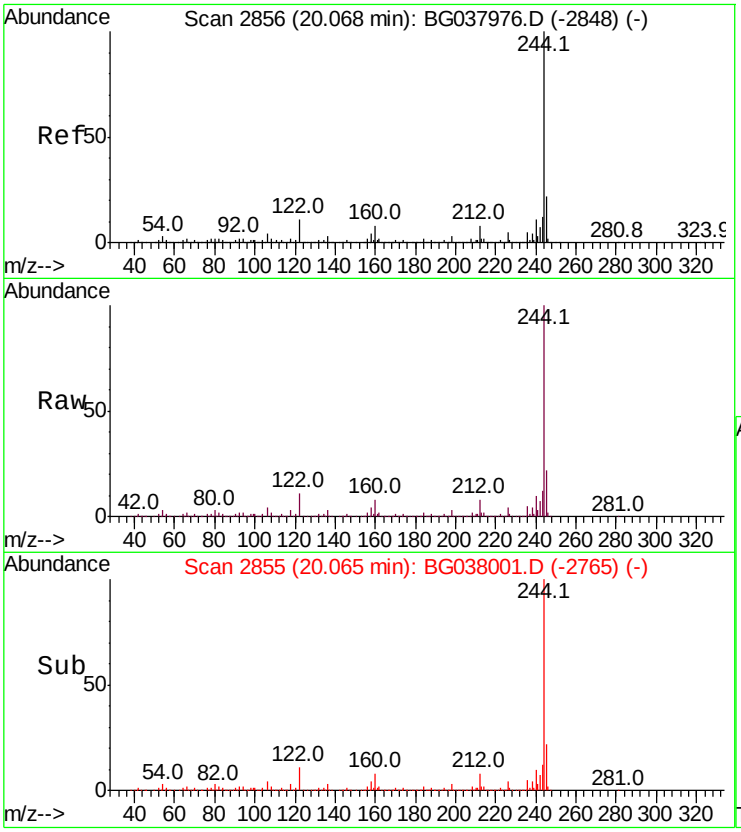


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG038001.D
Acq: 14 Nov 2018 17:41

Tgt Ion:240 Resp: 284937

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.1	12.1
236	24.9	21.4	32.0



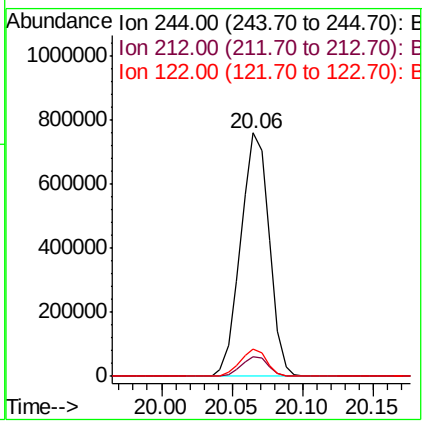


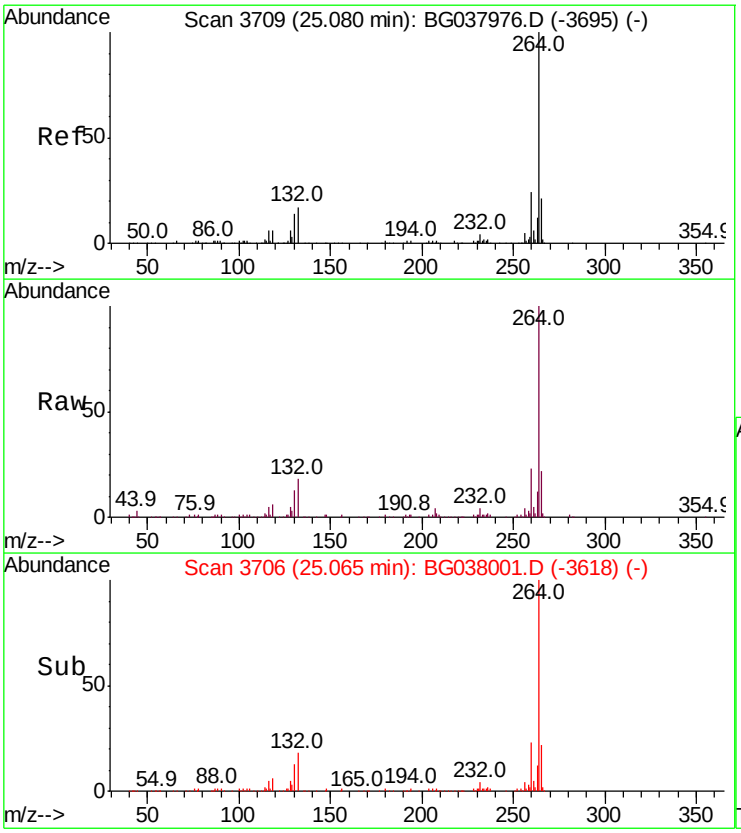
#79
Terphenyl-d14
Concen: 88.934 ng
RT: 20.06 min Scan# 2855
Delta R.T. -0.00 min
Lab File: BG038001.D
Acq: 14 Nov 2018 17:41

Instrument :
BNA_G
ClientSampleId :
TP-1D

Tgt Ion:244 Resp: 1076942

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	11.2	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.02 min
Lab File: BG038001.D
Acq: 14 Nov 2018 17:41

Tgt Ion:264 Resp: 292719

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	22.1	17.9	26.9