Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_G\DATA\BG062919\
Data File : BG041548.D
Acq On : 29 Jun 2019 16:09
Operator : HP/JU
Sample : K3570-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LT-4

Quant Time: Jun 30 01:28:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:25:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	28971	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	99448	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	69365	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	179184	20.00	ng		0.00
76) Chrysene-d12	21.70	240	222383	20.00	ng		0.00
87) Perylene-d12	24.98	264	243764	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	90382	55.62	ng		0.00
7) Phenol-d6	7.19	99	75336	32.93	ng		0.00
23) Nitrobenzene-d5	9.21	82	209043	87.67	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	154952	130.83	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	482219	89.21	ng		0.00
79) Terphenyl-d14	20.02	244	980581	93.70	ng		0.00
Target Compounds							Qvalue
50) Dimethylphthalate	14.13	163	16059	2.544	ng	#	96
52) Acenaphthene	14.74	154	18627	4.470	ng		94
58) Fluorene	15.72	166	16012	2.775	ng	#	97

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_G\DATA\BG062919\
Data File : BG041548.D
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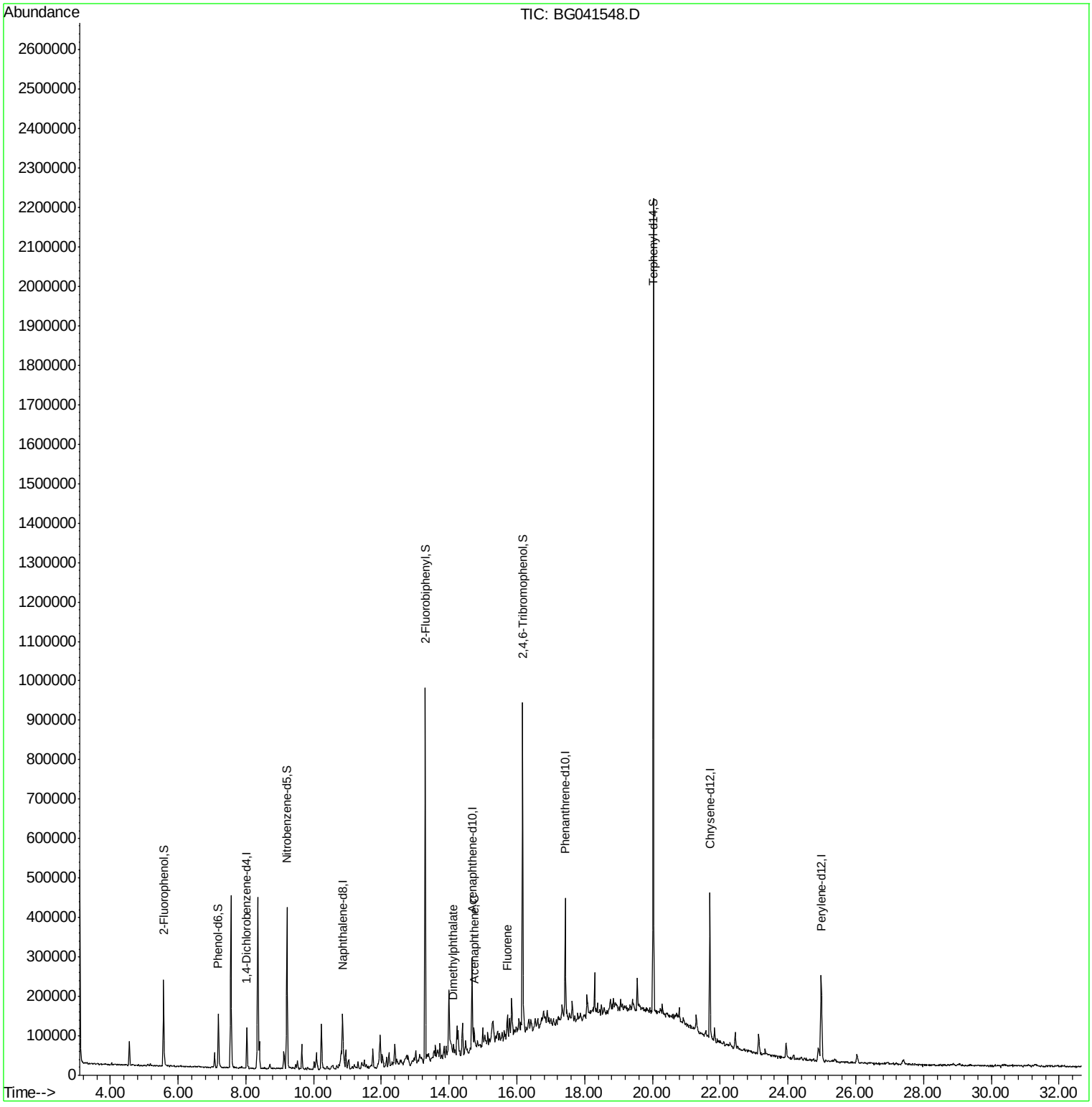
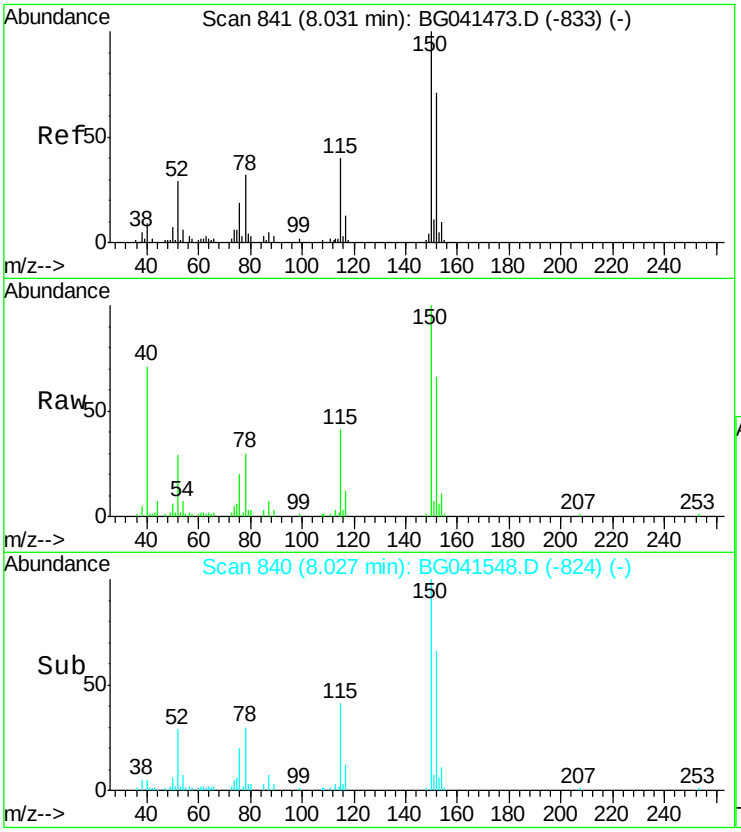


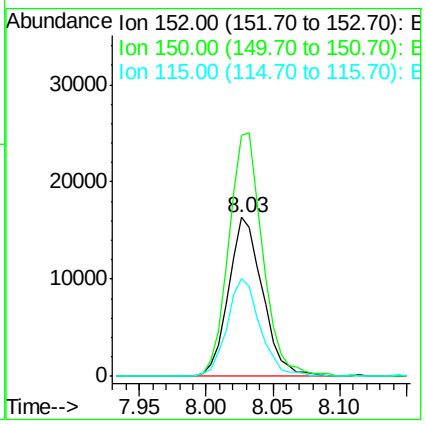


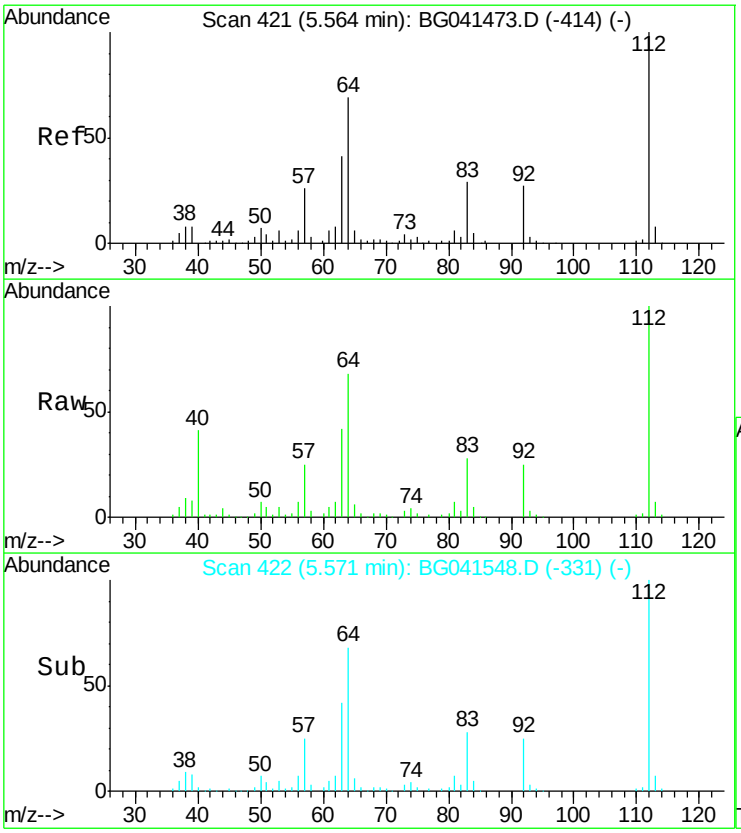
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG041548.D
Acq: 29 Jun 2019 16:09

Instrument :
BNA_G
ClientSampleId :
LT-4

Tgt Ion:152 Resp: 28971

Ion	Ratio	Lower	Upper
152	100		
150	151.6	112.4	168.6
115	61.5	44.6	66.8

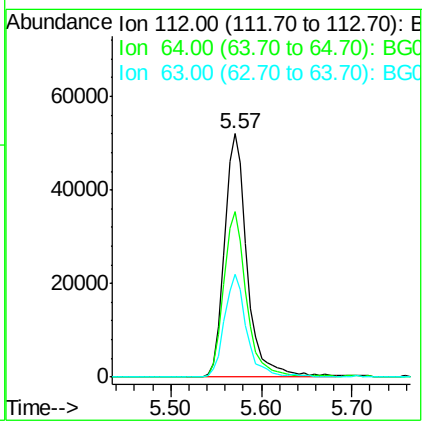


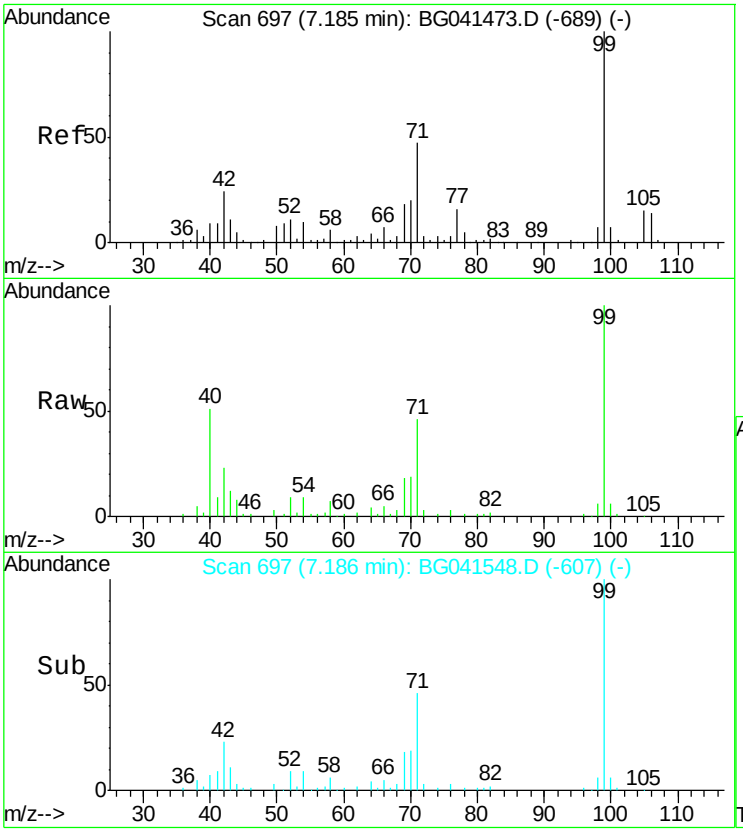


#5
2-Fluorophenol
Concen: 55.620 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG041548.D
Acq: 29 Jun 2019 16:09

Tgt Ion:112 Resp: 90382

Ion	Ratio	Lower	Upper
112	100		
64	68.2	55.1	82.7
63	42.1	32.4	48.6



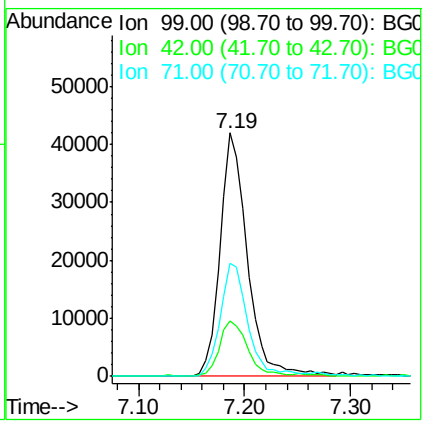


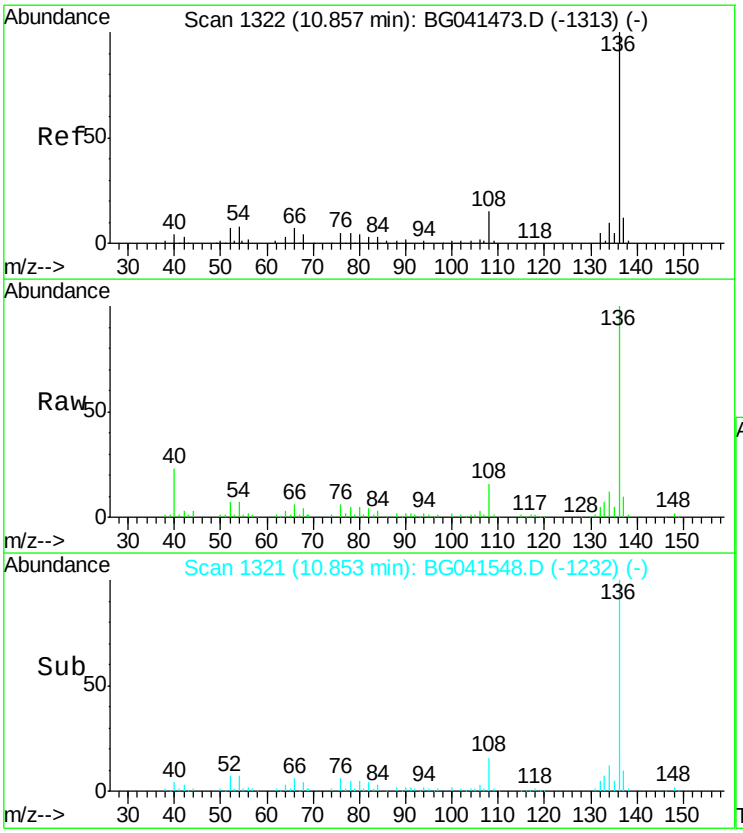
#7
Phenol-d6
Concen: 32.933 ng
RT: 7.19 min Scan# 697
Delta R.T. 0.00 min
Lab File: BG041548.D
Acq: 29 Jun 2019 16:09

Instrument :
BNA_G
ClientSampleId :
LT-4

Tgt Ion: 99 Resp: 75336

Ion	Ratio	Lower	Upper
99	100		
42	23.0	19.0	28.6
71	46.5	37.4	56.2

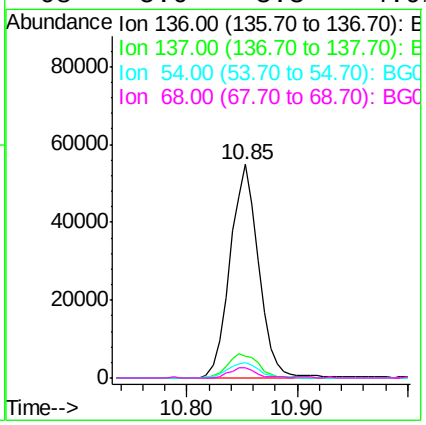


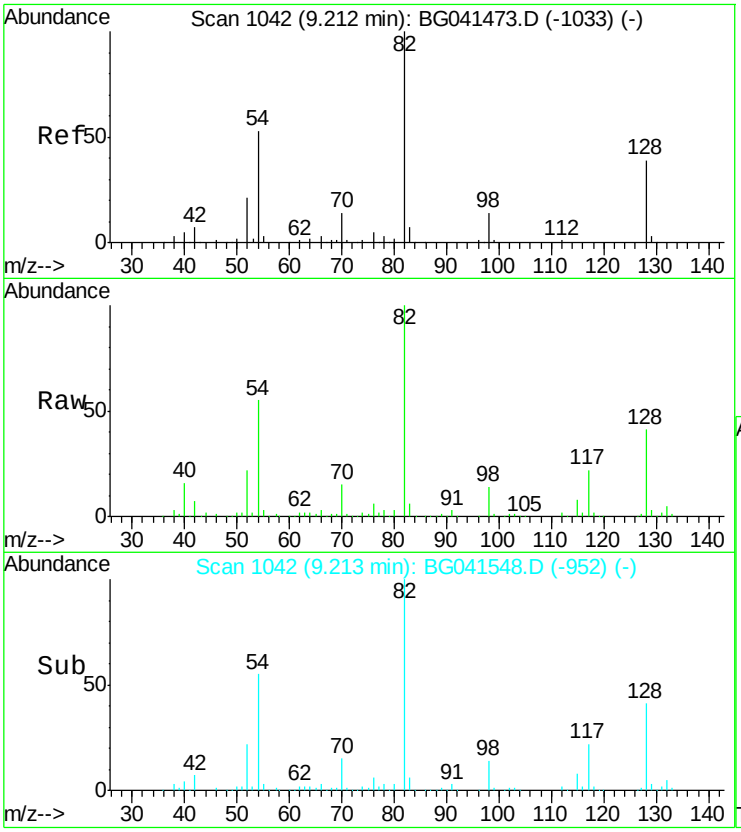


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG041548.D
Acq: 29 Jun 2019 16:09

Tgt Ion:136 Resp: 99448

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.3	13.9
54	7.3	7.1	10.7
68	5.0	3.3	4.9#



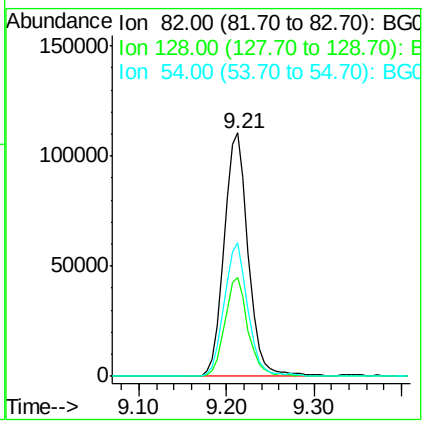


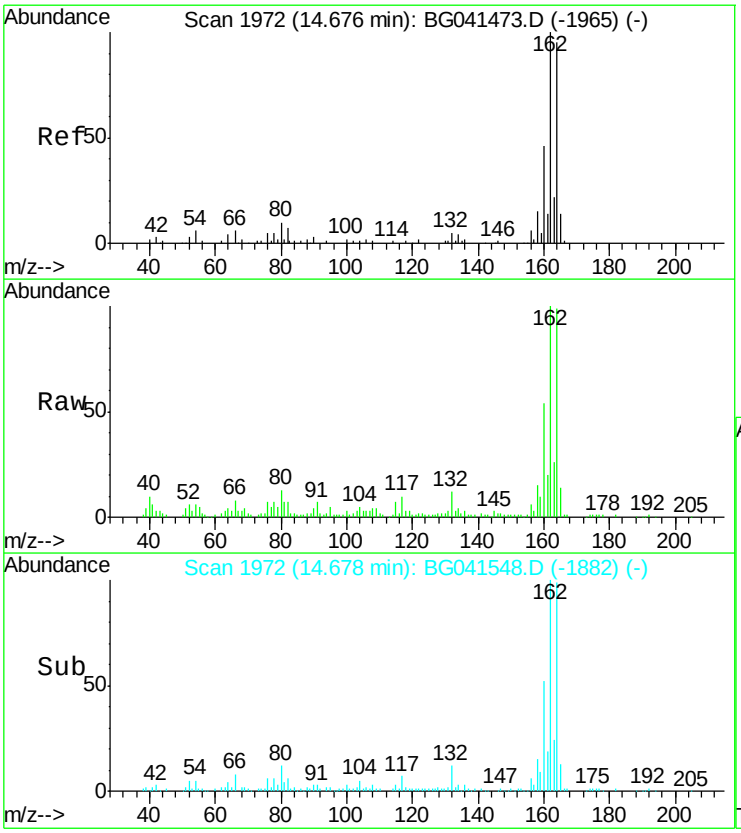
#23
Nitrobenzene-d5
Concen: 87.670 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG041548.D
Acq: 29 Jun 2019 16:09

Instrument :
BNA_G
ClientSampleId :
LT-4

Tgt Ion: 82 Resp: 209043

Ion	Ratio	Lower	Upper
82	100		
128	40.9	30.9	46.3
54	55.0	42.2	63.2

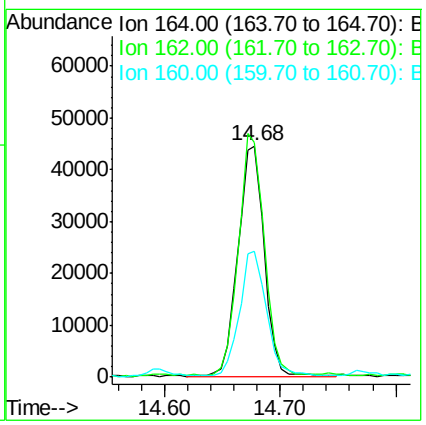


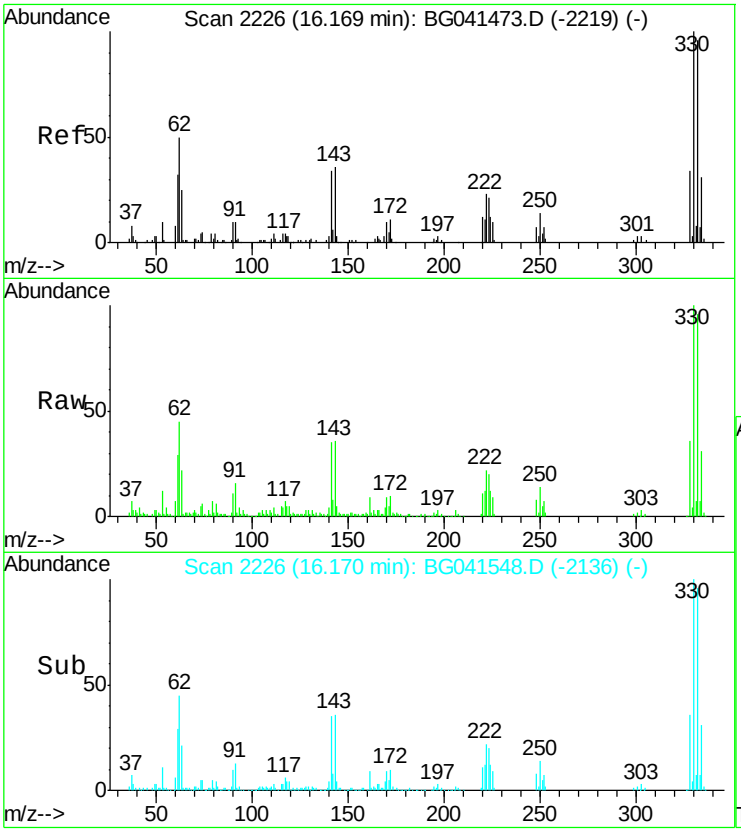


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG041548.D
Acq: 29 Jun 2019 16:09

Tgt Ion:164 Resp: 69365

Ion	Ratio	Lower	Upper
164	100		
162	101.3	84.4	126.6
160	54.7	38.8	58.2



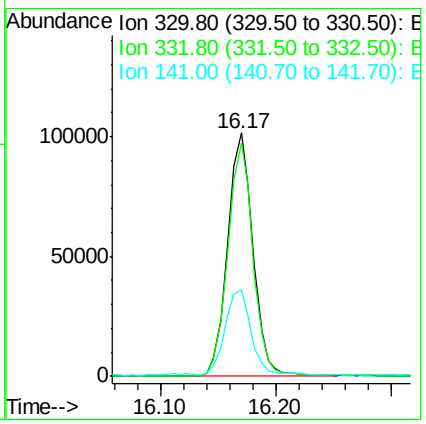


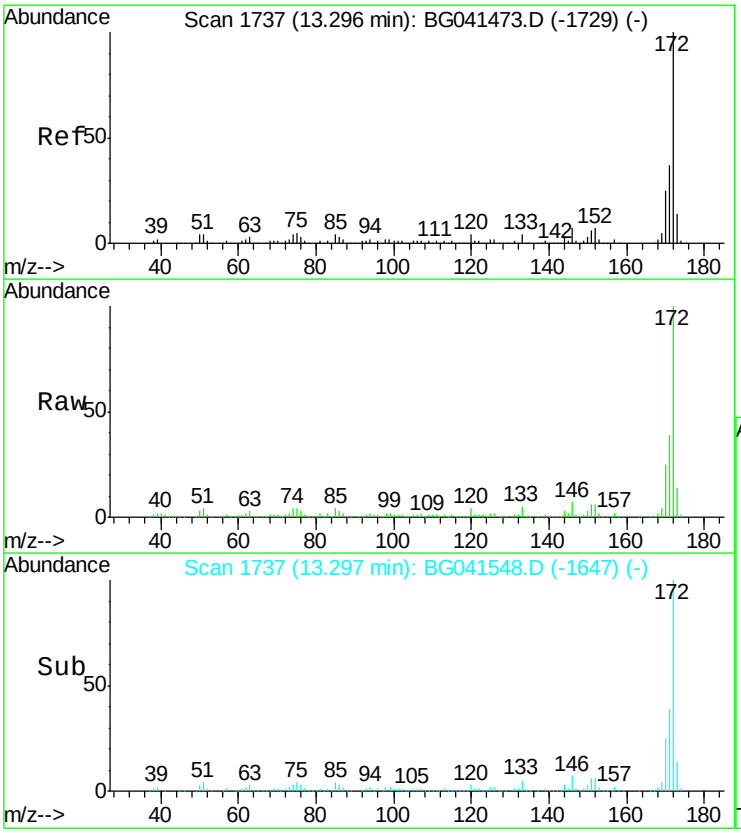
#42
2,4,6-Tribromophenol
Concen: 130.832 ng
RT: 16.17 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BG041548.D
Acq: 29 Jun 2019 16:09

Instrument :
BNA_G
ClientSampleId :
LT-4

Tgt Ion:330 Resp: 154952

Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.5	113.3
141	35.6	27.8	41.6

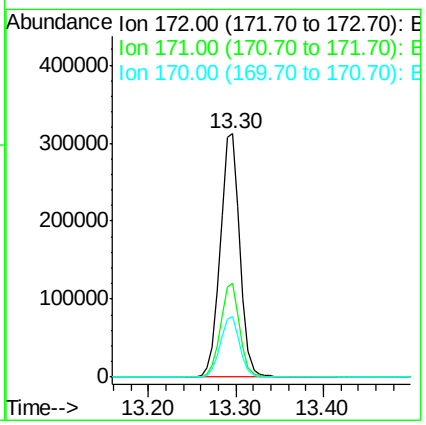


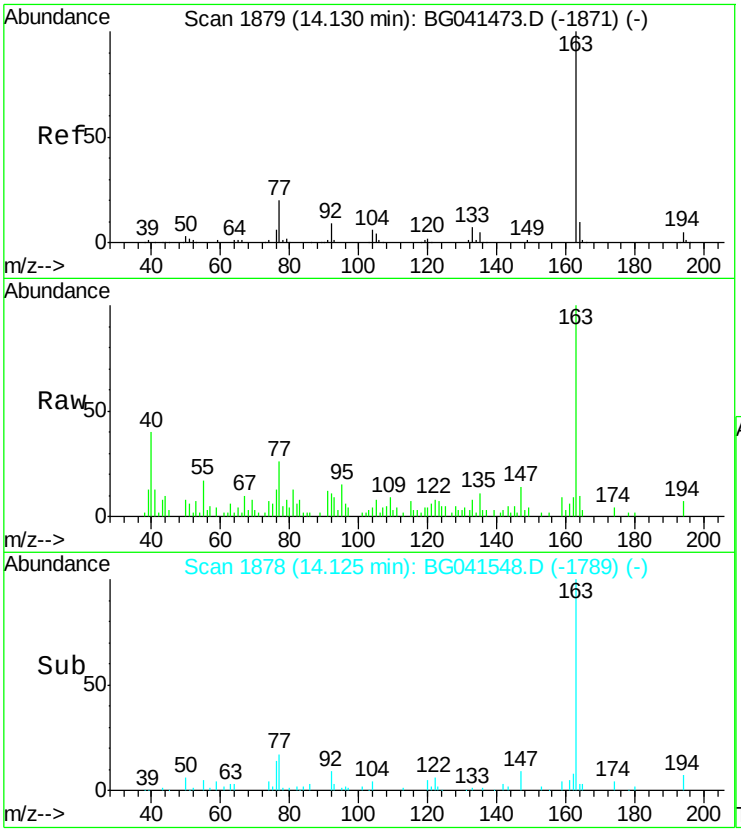


#45
2-Fluorobiphenyl
Concen: 89.211 ng
RT: 13.30 min Scan# 1737
Delta R.T. 0.00 min
Lab File: BG041548.D
Acq: 29 Jun 2019 16:09

Tgt Ion:172 Resp: 482219

Ion	Ratio	Lower	Upper
172	100		
171	38.7	29.6	44.4
170	25.0	20.0	30.0



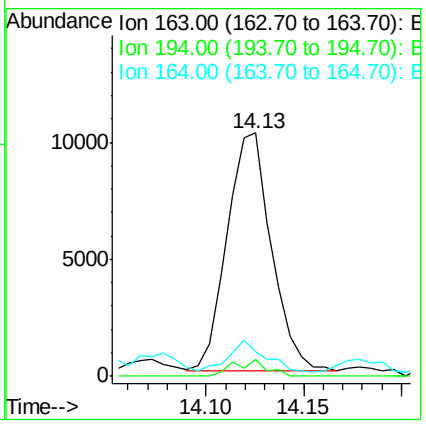


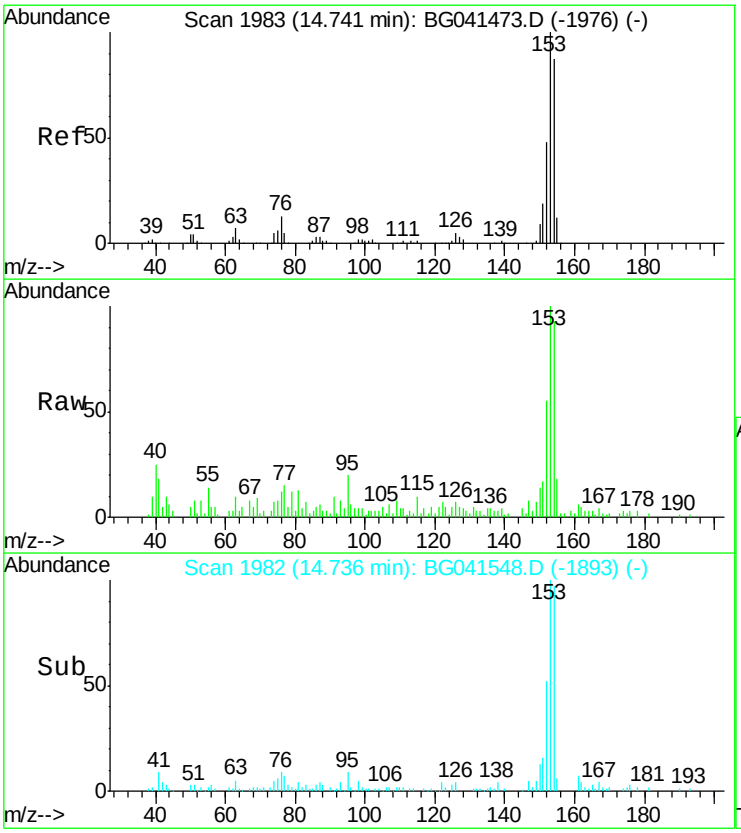
#50
Dimethylphthalate
Concen: 2.544 ng
RT: 14.13 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BG041548.D
Acq: 29 Jun 2019 16:09

Instrument :
BNA_G
ClientSampleId :
LT-4

Tgt Ion:163 Resp: 16059

Ion	Ratio	Lower	Upper
163	100		
194	7.0	3.7	5.5#
164	10.4	7.8	11.6

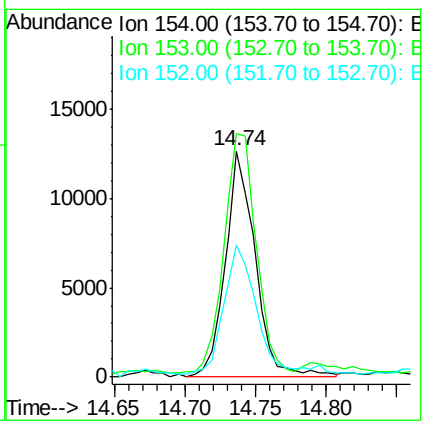


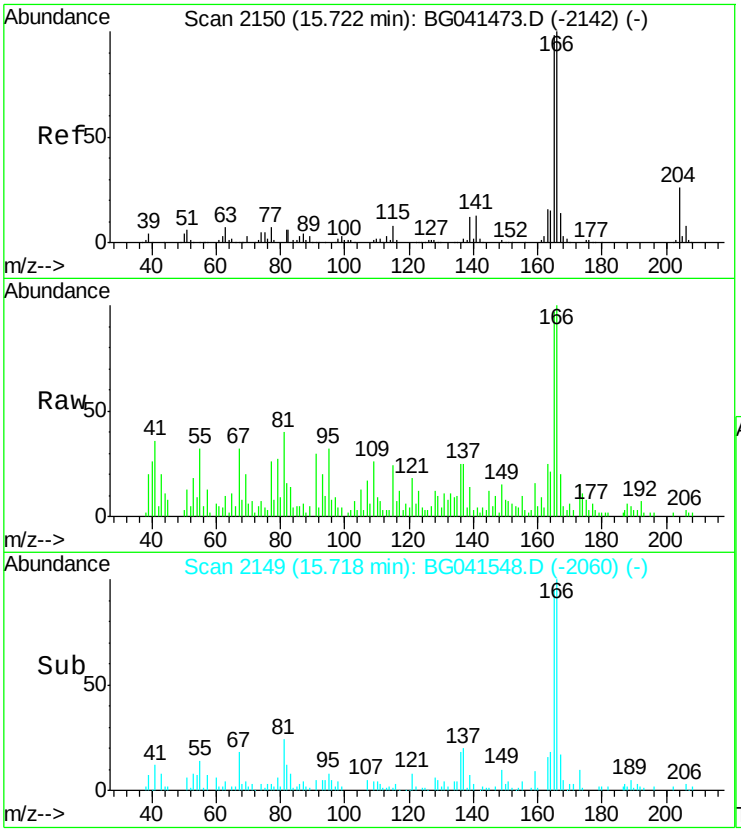


#52
Acenaphthene
Concen: 4.470 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG041548.D
Acq: 29 Jun 2019 16:09

Tgt Ion:154 Resp: 18627

Ion	Ratio	Lower	Upper
154	100		
153	107.7	92.2	138.4
152	58.8	44.1	66.1



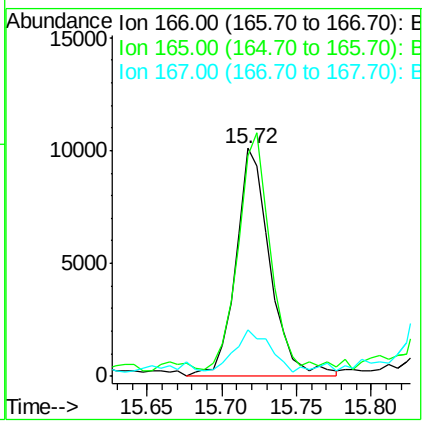


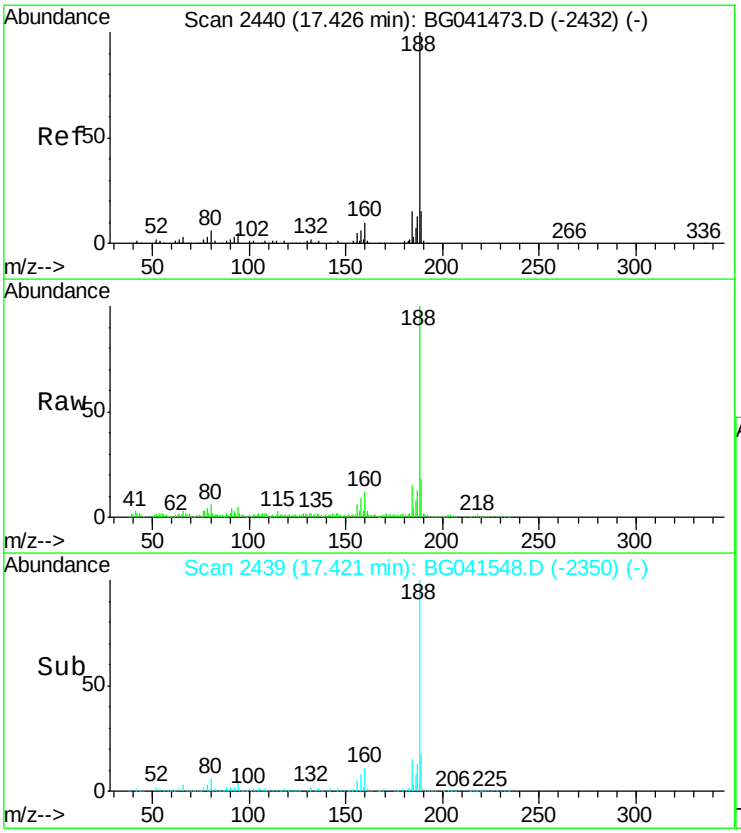
#58
Fluorene
Concen: 2.775 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG041548.D
Acq: 29 Jun 2019 16:09

Instrument :
BNA_G
ClientSampleId :
LT-4

Tgt Ion:166 Resp: 16012

Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.6	117.8
167	20.3	11.4	17.0#

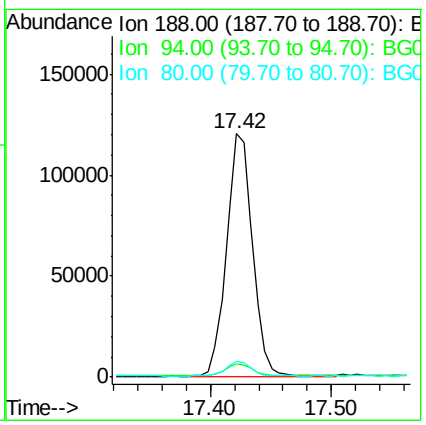


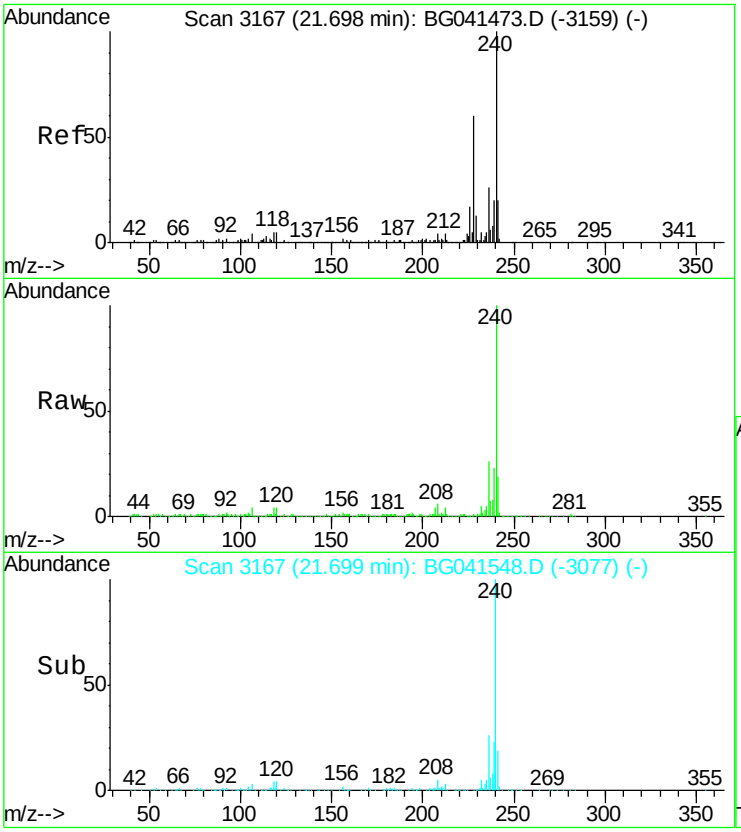


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG041548.D
Acq: 29 Jun 2019 16:09

Tgt Ion:188 Resp: 179184

Ion	Ratio	Lower	Upper
188	100		
94	5.5	3.8	5.8
80	6.4	4.8	7.2



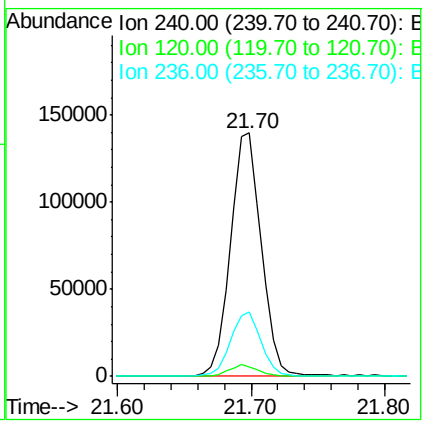


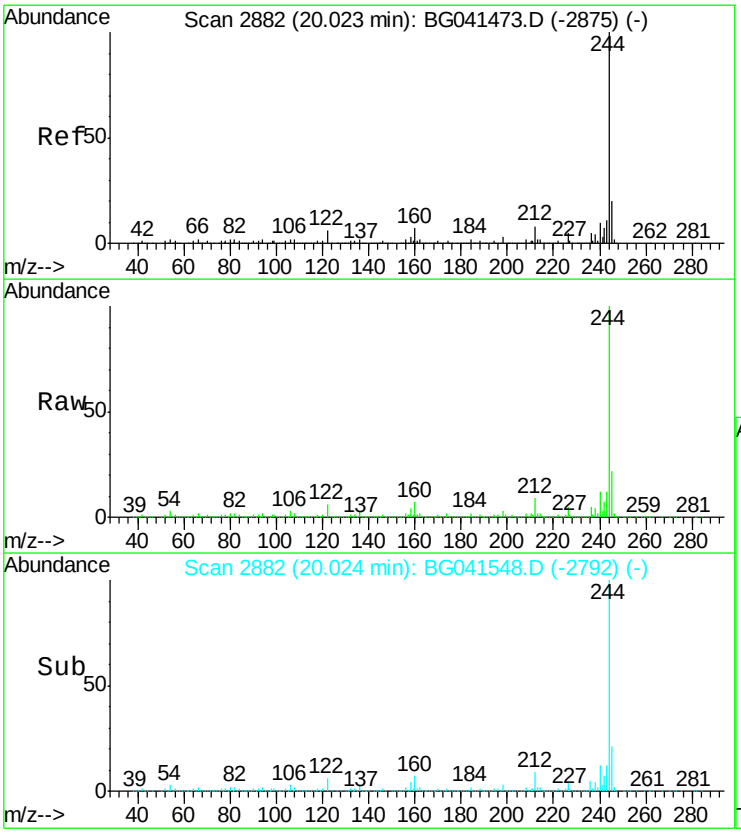
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. 0.00 min
Lab File: BG041548.D
Acq: 29 Jun 2019 16:09

Instrument :
BNA_G
ClientSampleId :
LT-4

Tgt Ion:240 Resp: 222383

Ion	Ratio	Lower	Upper
240	100		
120	4.1	3.7	5.5
236	26.4	20.8	31.2

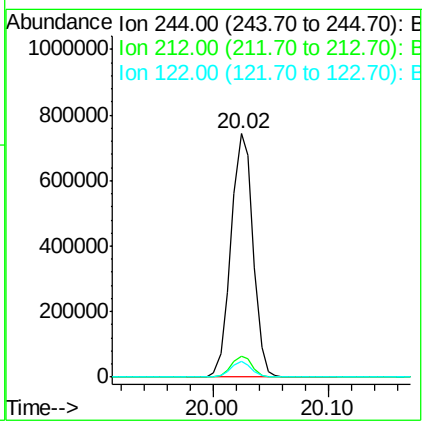


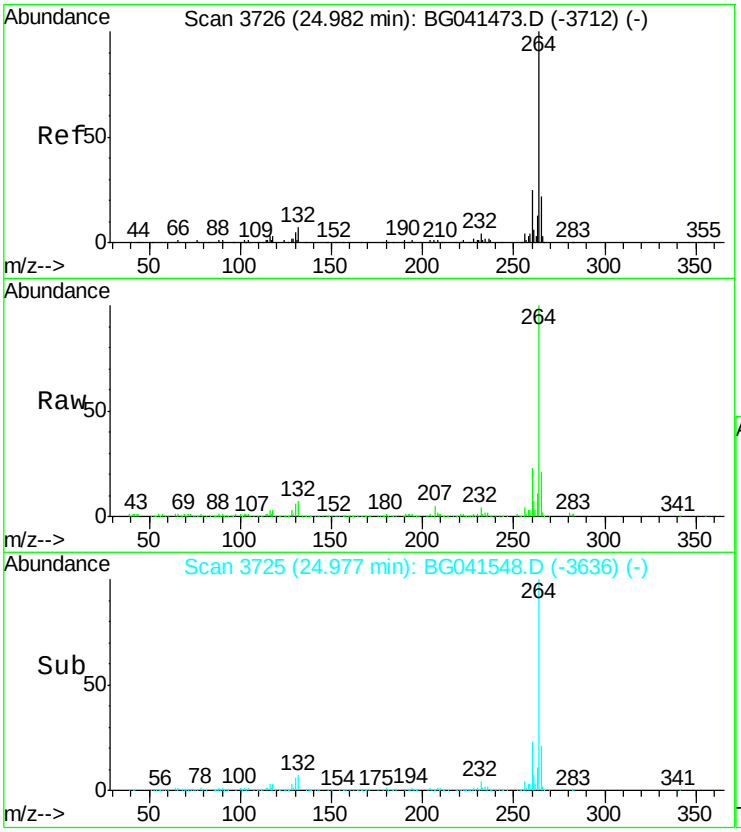


#79
Terphenyl-d14
Concen: 93.704 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.00 min
Lab File: BG041548.D
Acq: 29 Jun 2019 16:09

Tgt Ion:244 Resp: 980581

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.2	9.4
122	6.5	4.8	7.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3725
Delta R.T. -0.00 min
Lab File: BG041548.D
Acq: 29 Jun 2019 16:09

Instrument :
BNA_G
ClientSampleId :
LT-4

Tgt Ion:264 Resp: 243764

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.7	29.5
265	20.7	17.4	26.2