Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG082519\
Data File : BG042474.D
Acq On : 25 Aug 2019 12:36
Operator : HP/JU
Sample : K4498-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 26 07:21:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	50606	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	195319	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	149568	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	336599	20.00	ng		0.00
76) Chrysene-d12	21.69	240	371284	20.00	ng		0.00
87) Perylene-d12	24.93	264	433091	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	371664	148.74	ng		0.00
7) Phenol-d6	7.17	99	508493	150.66	ng		0.00
23) Nitrobenzene-d5	9.16	82	287305	101.65	ng		-0.01
42) 2,4,6-Tribromophenol	16.16	330	314586	147.98	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	835228	94.45	ng		0.00
79) Terphenyl-d14	20.03	244	1439576	83.82	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.19	94	10934	3.186	ng		82
31) Naphthalene	10.87	128	157744	17.395	ng	#	96
37) 2-Methylnaphthalene	12.48	142	541041	74.305	ng		99
38) 1-Methylnaphthalene	12.70	142	328815	47.542	ng		100
50) Dimethylphthalate	14.10	163	104714	9.703	ng	#	95
52) Acenaphthene	14.72	154	34552	4.537	ng		97
55) Dibenzofuran	15.06	168	36279	2.878	ng	#	1
56) 4-Nitrophenol	14.87	139	22737	12.790	ng	#	55
58) Fluorene	15.71	166	71624	6.950	ng	#	94
66) n-Nitrosodiphenylamine	15.92	169	112775	12.183	ng	#	52
71) Phenanthrene	17.45	178	202652	12.121	ng	#	95

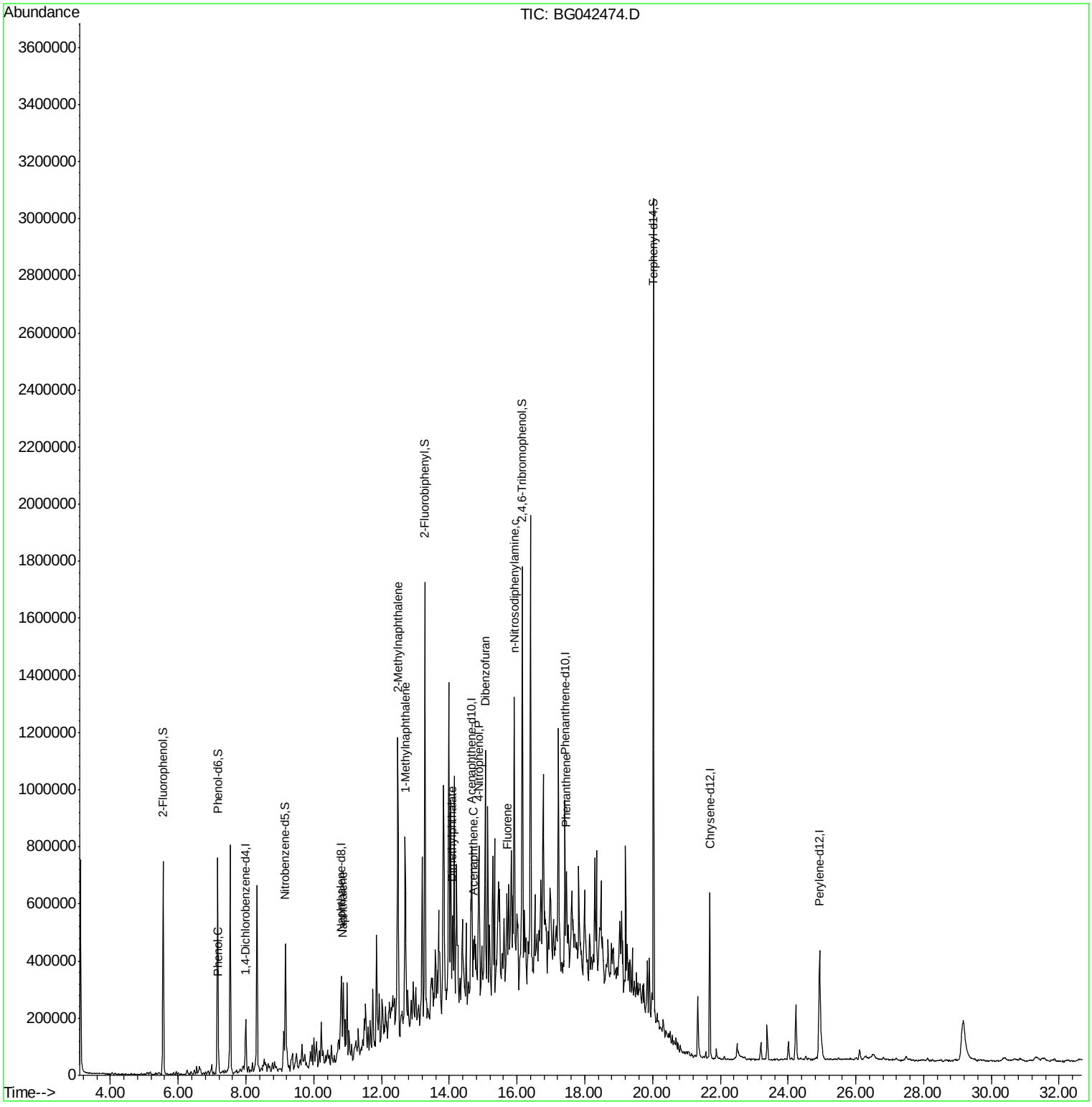
(#) = qualifier out of range (m) = manual integration (+) = signals summed

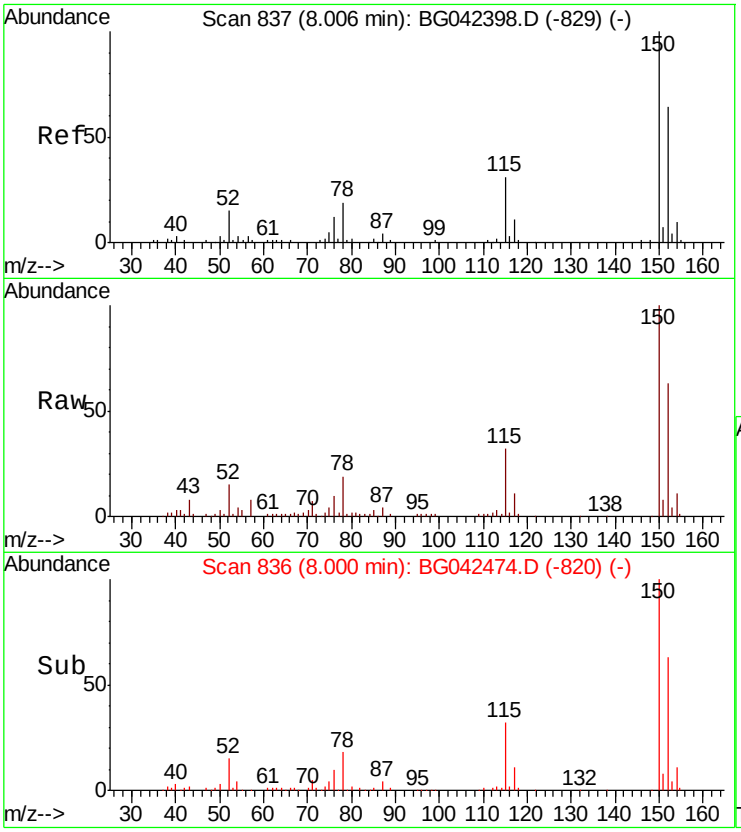
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG082519\
Data File : BG042474.D
Acq On : 25 Aug 2019 12:36
Operator : HP/JU
Sample : K4498-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 26 07:21:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration



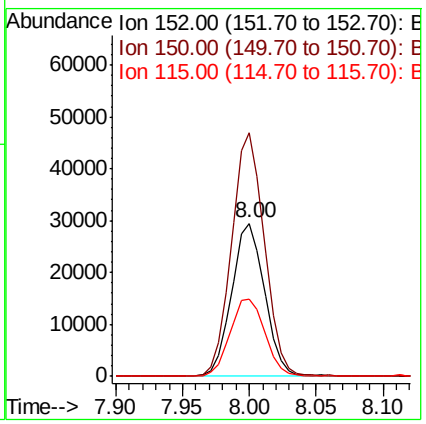


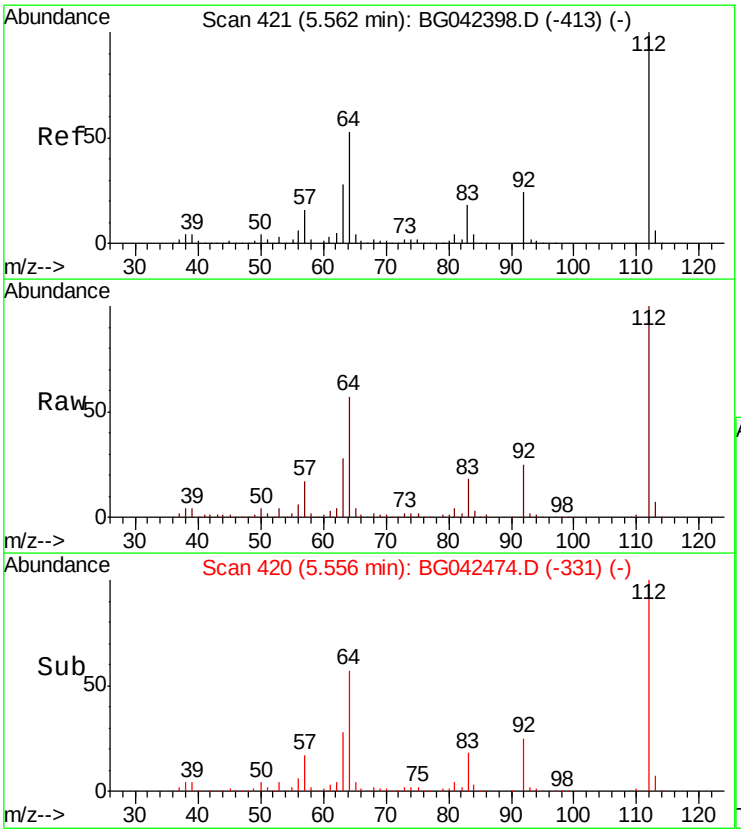
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042474.D
Acq: 25 Aug 2019 12:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 50606

Ion	Ratio	Lower	Upper
152	100		
150	158.9	125.4	188.0
115	50.7	38.5	57.7

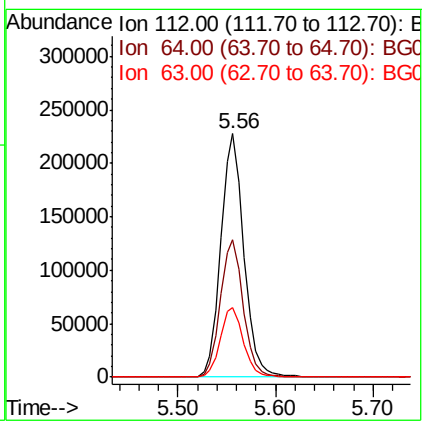


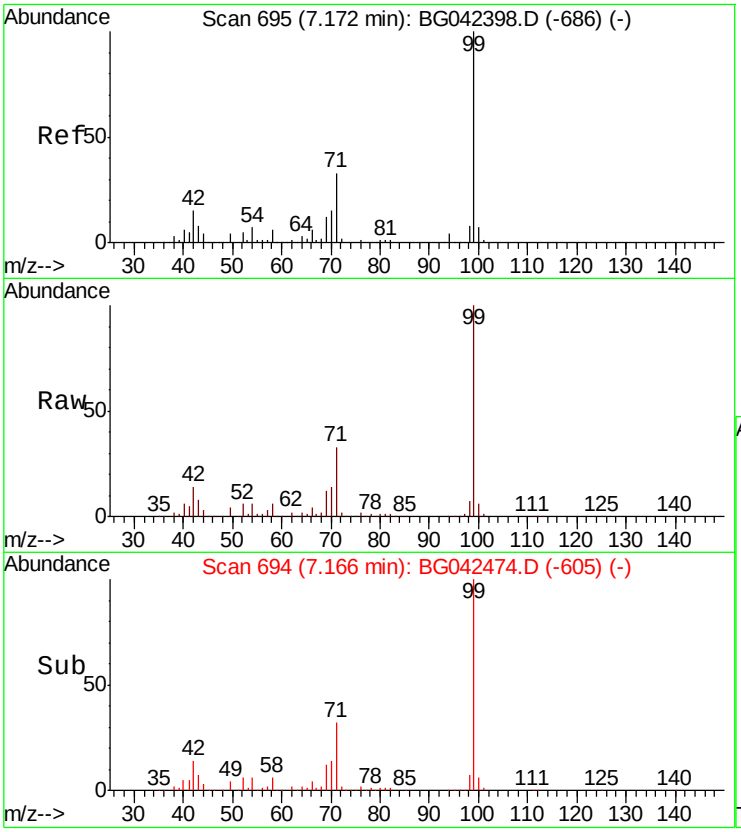


#5
2-Fluorophenol
Concen: 148.743 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042474.D
Acq: 25 Aug 2019 12:36

Tgt Ion:112 Resp: 371664

Ion	Ratio	Lower	Upper
112	100		
64	56.6	42.8	64.2
63	28.3	22.7	34.1



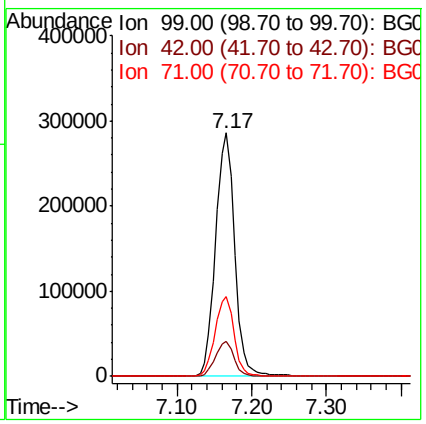


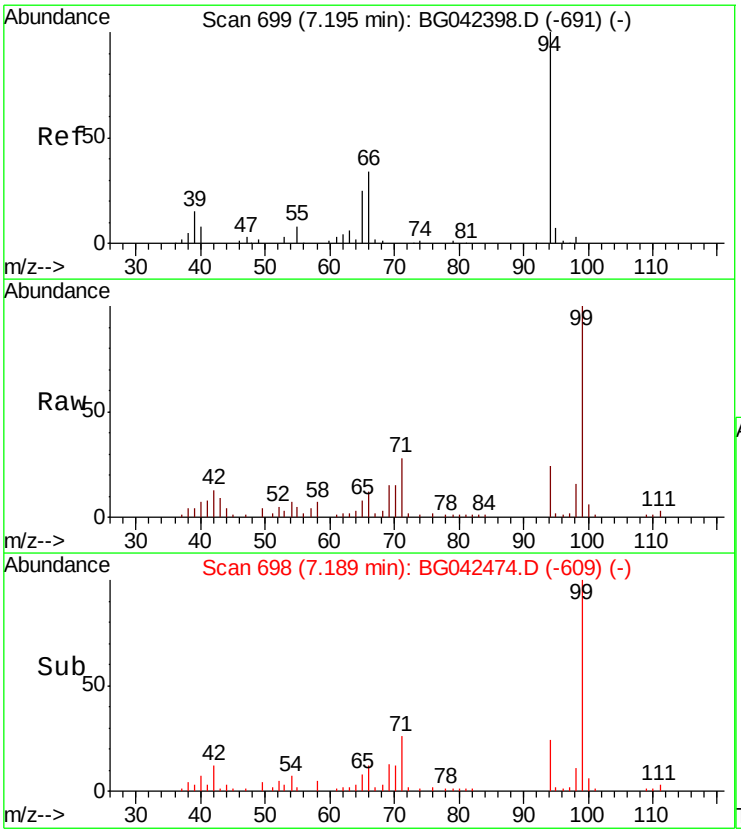
#7
Phenol-d6
Concen: 150.656 ng
RT: 7.17 min Scan# 694
Delta R.T. -0.01 min
Lab File: BG042474.D
Acq: 25 Aug 2019 12:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 508493

Ion	Ratio	Lower	Upper
99	100		
42	14.2	12.0	18.0
71	32.6	26.3	39.5

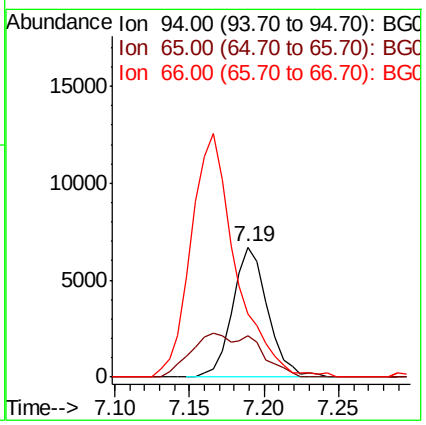


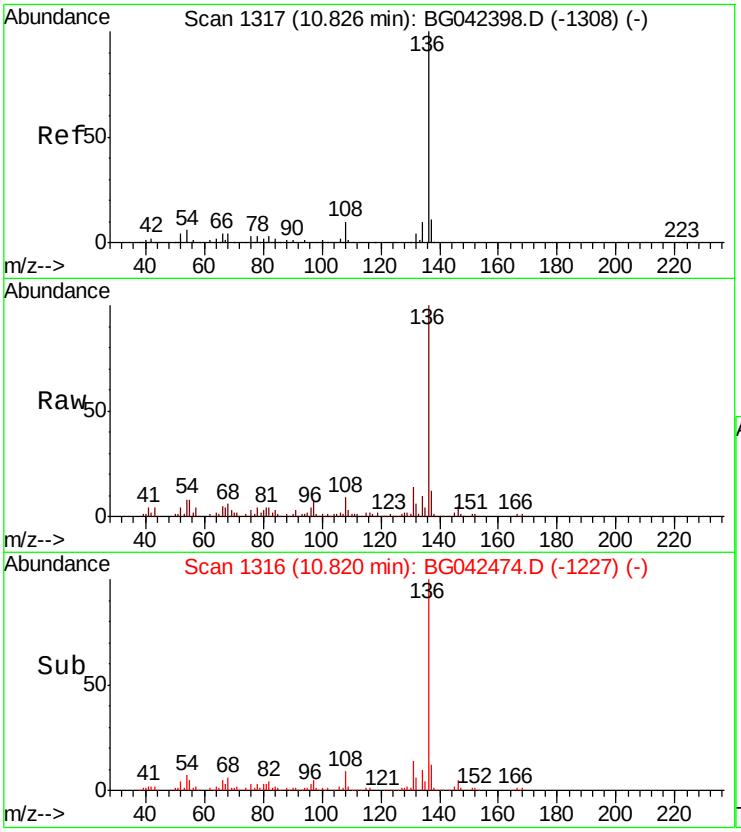


#10
Phenol
Concen: 3.186 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG042474.D
Acq: 25 Aug 2019 12:36

Tgt Ion: 94 Resp: 10934

Ion	Ratio	Lower	Upper
94	100		
65	32.2	5.6	45.6
66	48.7	16.0	56.0



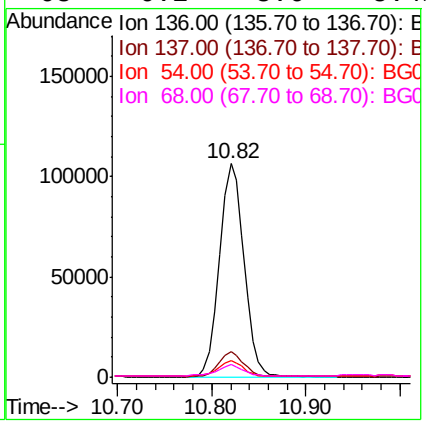


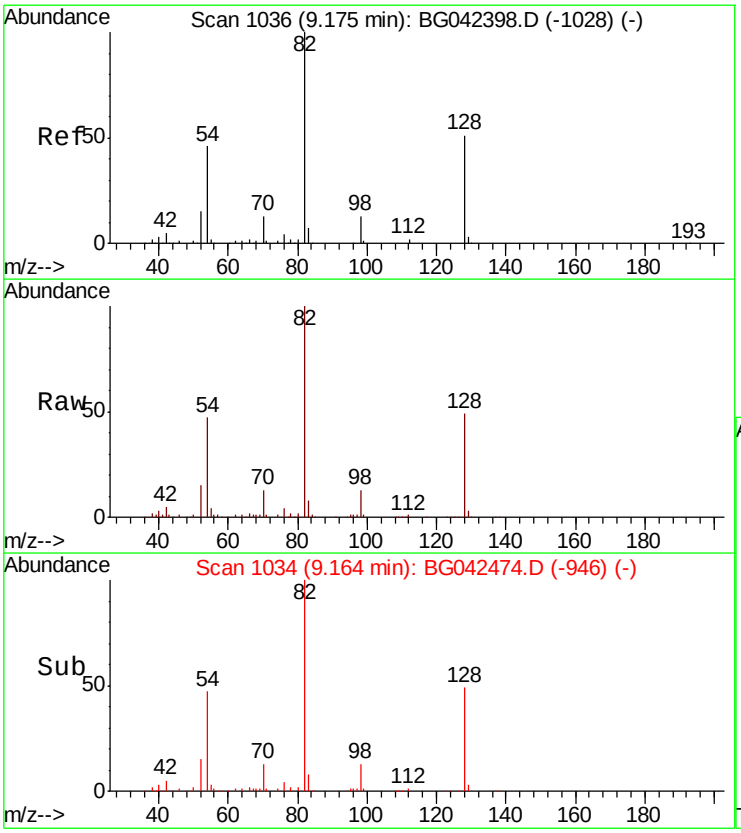
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042474.D
Acq: 25 Aug 2019 12:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 195319

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.7	13.1
54	7.5	4.9	7.3#
68	6.2	3.6	5.4#

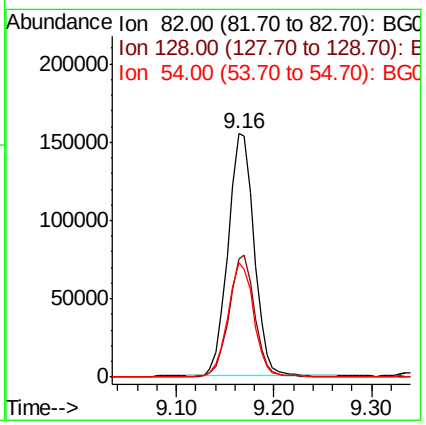


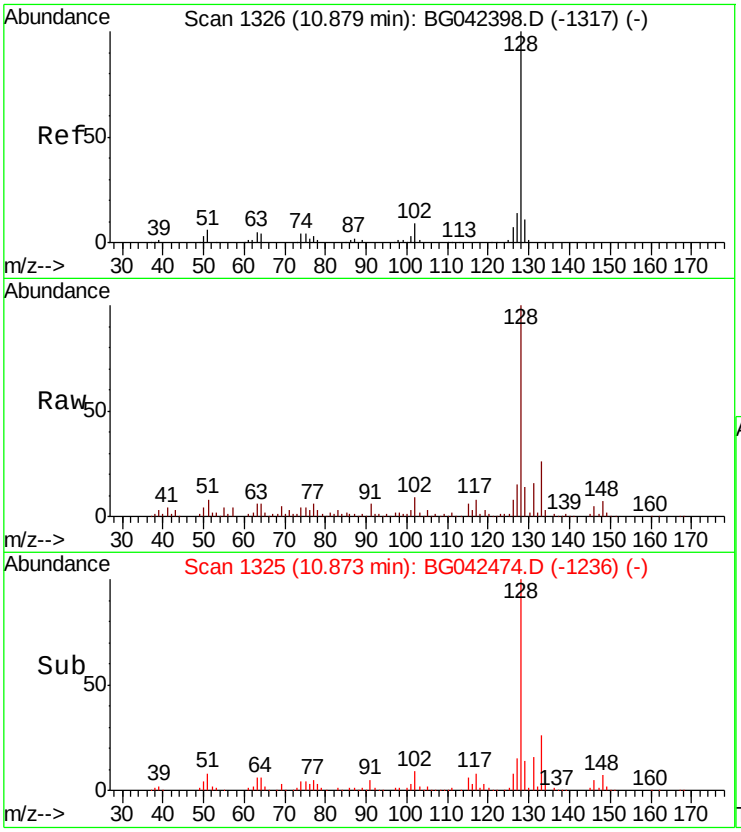


#23
Nitrobenzene-d5
Concen: 101.649 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042474.D
Acq: 25 Aug 2019 12:36

Tgt Ion: 82 Resp: 287305

Ion	Ratio	Lower	Upper
82	100		
128	48.7	40.7	61.1
54	46.8	36.3	54.5



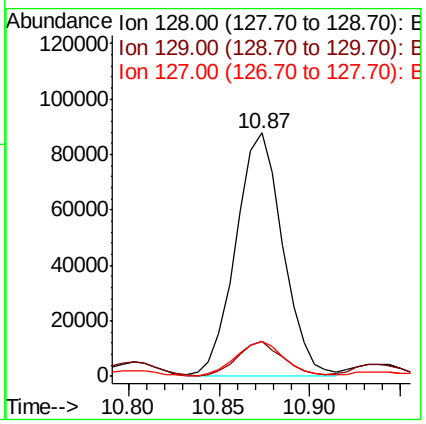


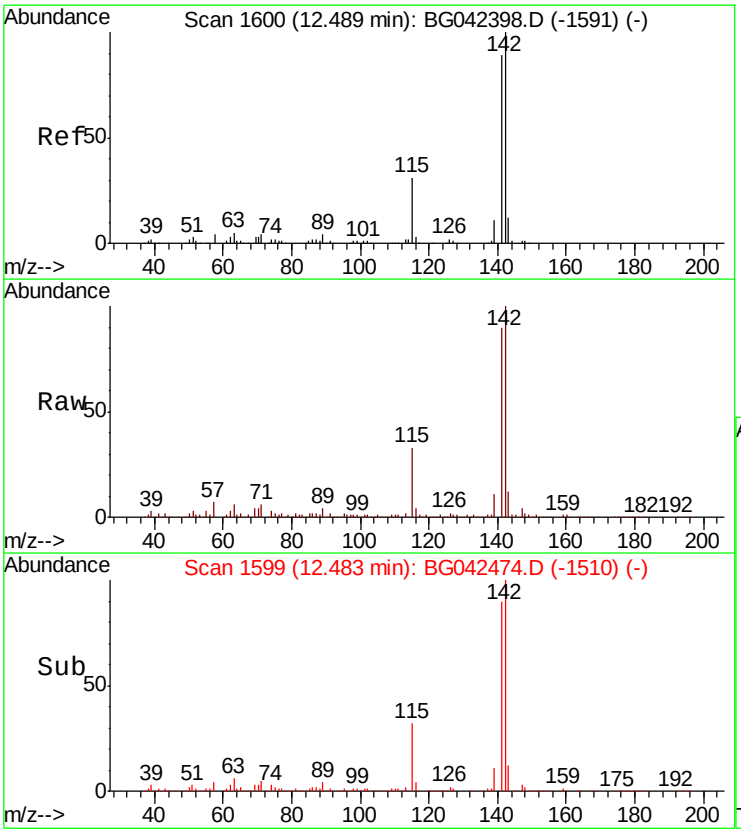
#31
Naphthalene
Concen: 17.395 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042474.D
Acq: 25 Aug 2019 12:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 157744

Ion	Ratio	Lower	Upper
128	100		
129	14.3	8.8	13.2#
127	14.6	11.4	17.0

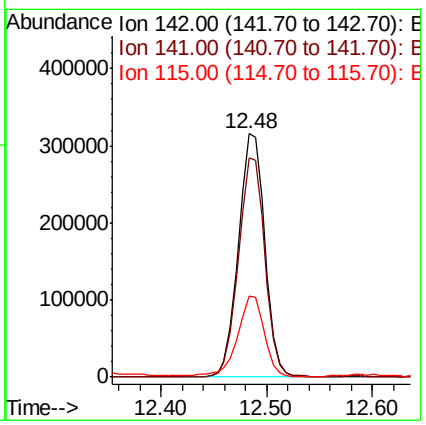


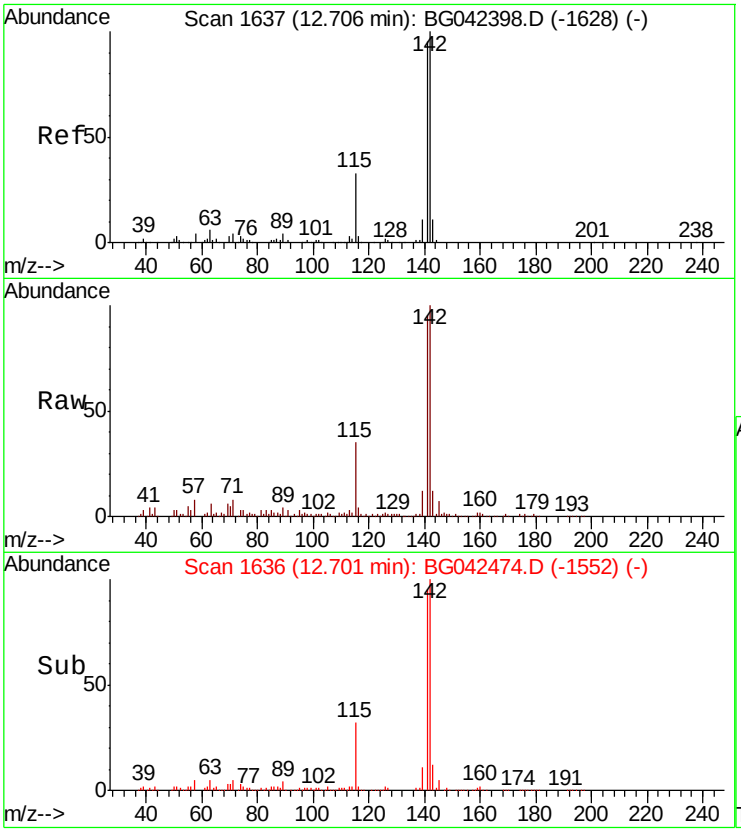


#37
2-Methylnaphthalene
Concen: 74.305 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BG042474.D
Acq: 25 Aug 2019 12:36

Tgt Ion:142 Resp: 541041

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.4	107.2
115	33.1	25.2	37.8



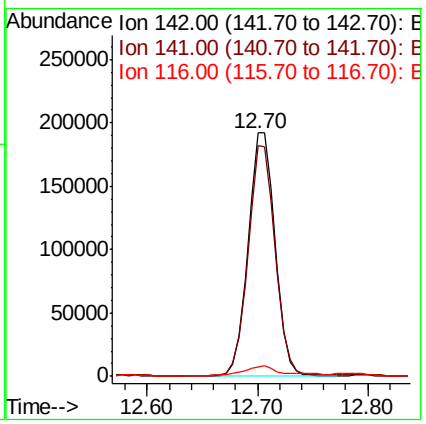


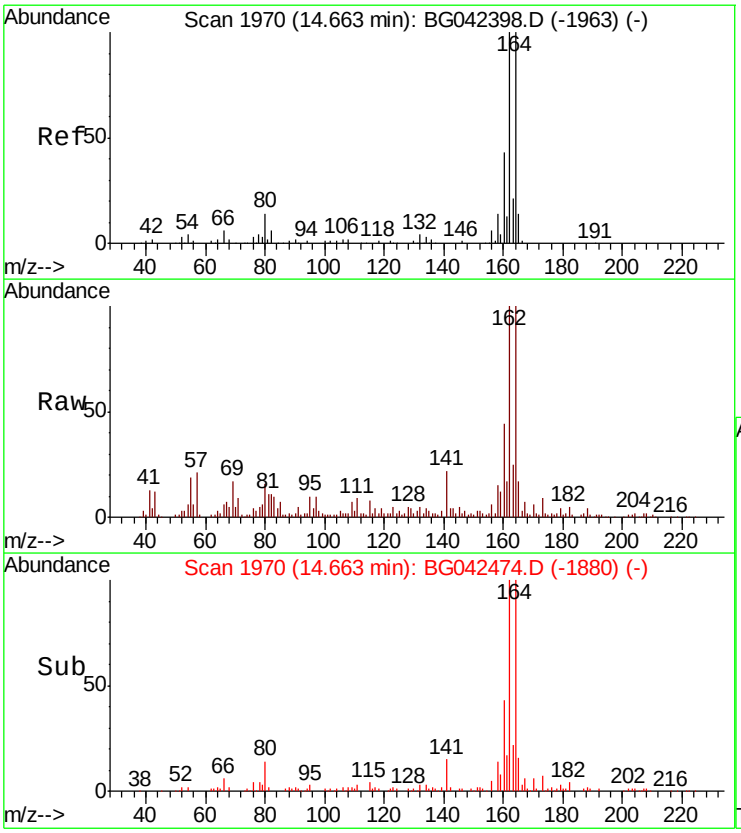
#38
1-Methylnaphthalene
Concen: 47.542 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BG042474.D
Acq: 25 Aug 2019 12:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 328815

Ion	Ratio	Lower	Upper
142	100		
141	95.0	76.2	114.2
116	3.9	2.8	4.2

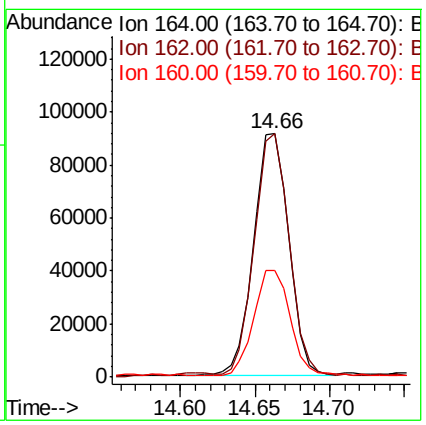


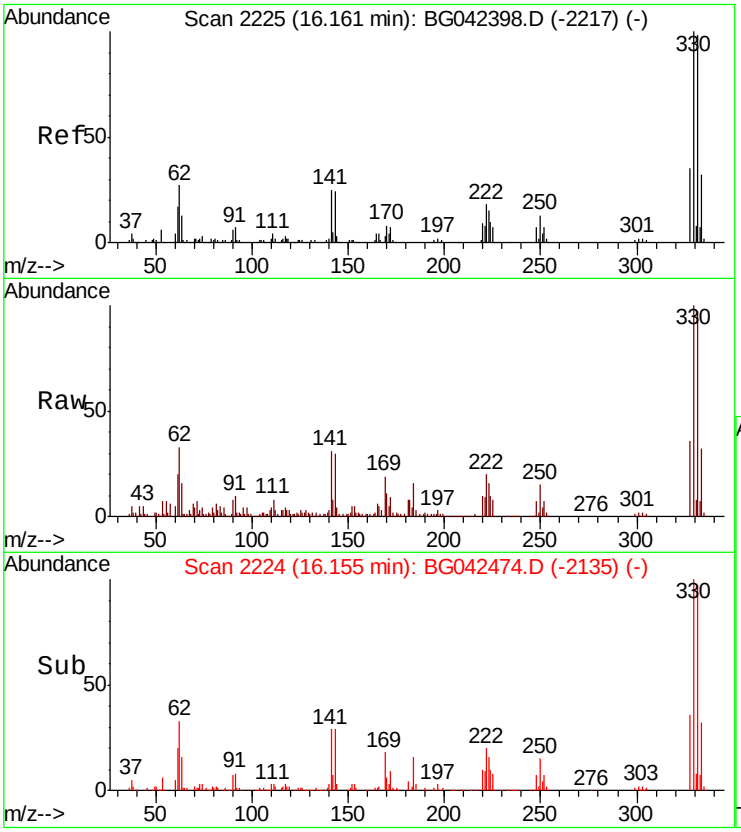


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG042474.D
Acq: 25 Aug 2019 12:36

Tgt Ion:164 Resp: 149568

Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.9	119.9
160	44.0	34.3	51.5



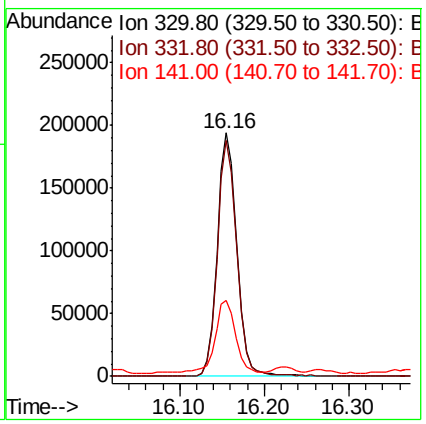


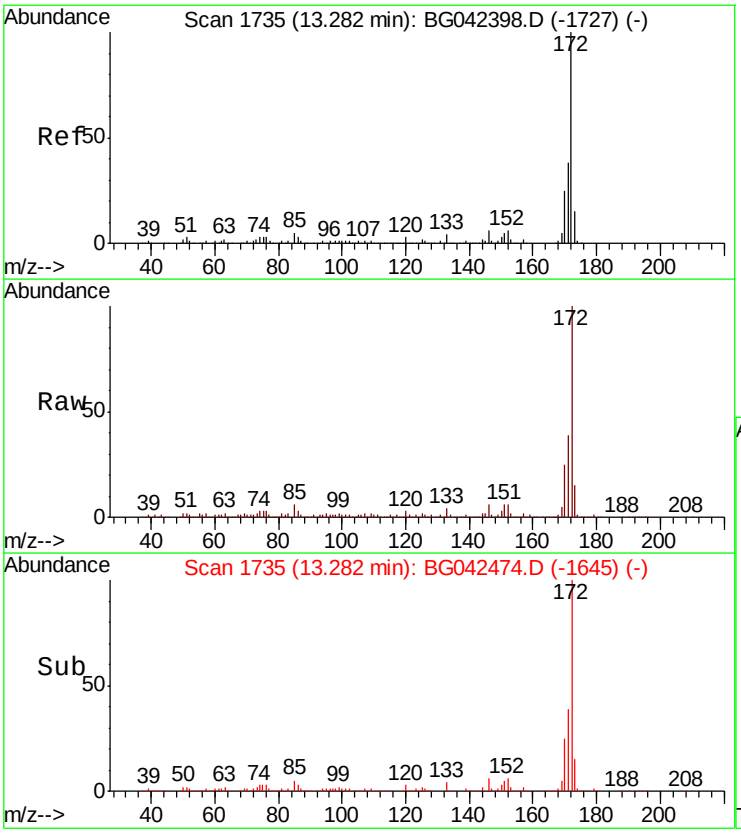
#42
2,4,6-Tribromophenol
Concen: 147.980 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG042474.D
Acq: 25 Aug 2019 12:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 314586

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.4	116.0
141	30.2	21.4	32.0

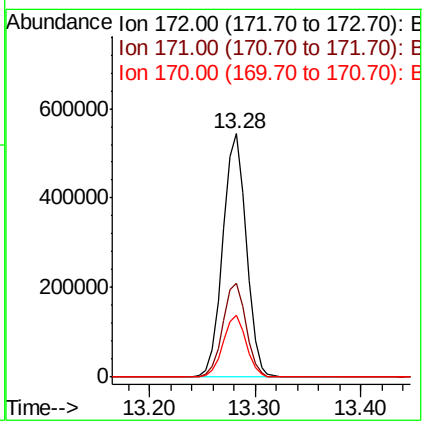


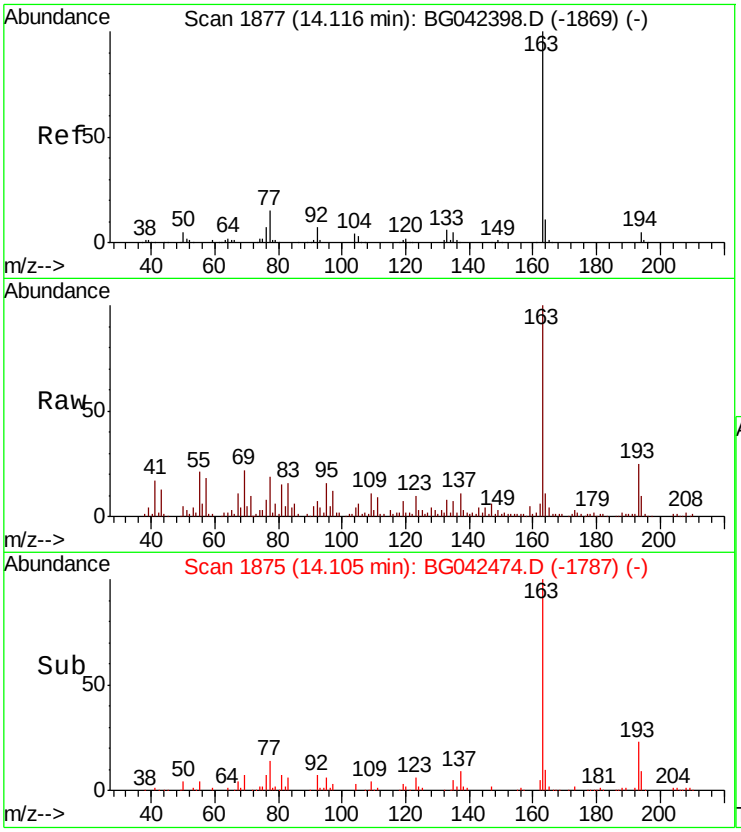


#45
2-Fluorobiphenyl
Concen: 94.446 ng
RT: 13.28 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BG042474.D
Acq: 25 Aug 2019 12:36

Tgt Ion:172 Resp: 835228

Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.5	45.7
170	25.2	20.2	30.2



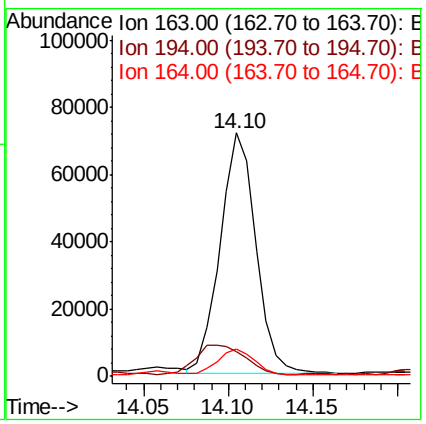


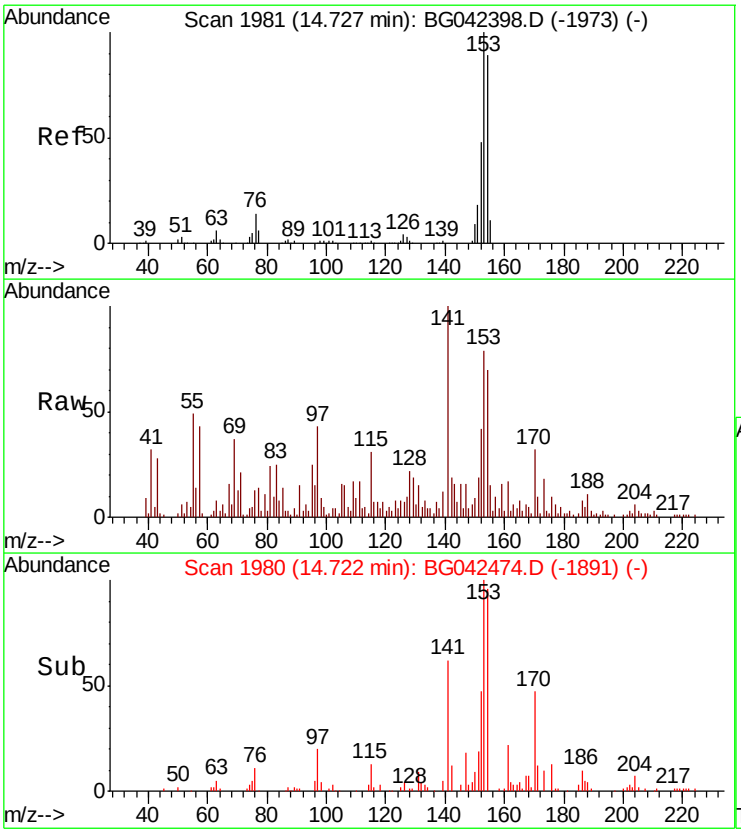
#50
Dimethylphthalate
Concen: 9.703 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042474.D
Acq: 25 Aug 2019 12:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 104714

Ion	Ratio	Lower	Upper
163	100		
194	10.0	4.2	6.2#
164	11.2	8.8	13.2

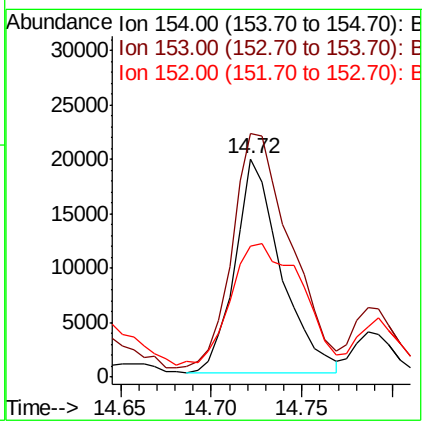


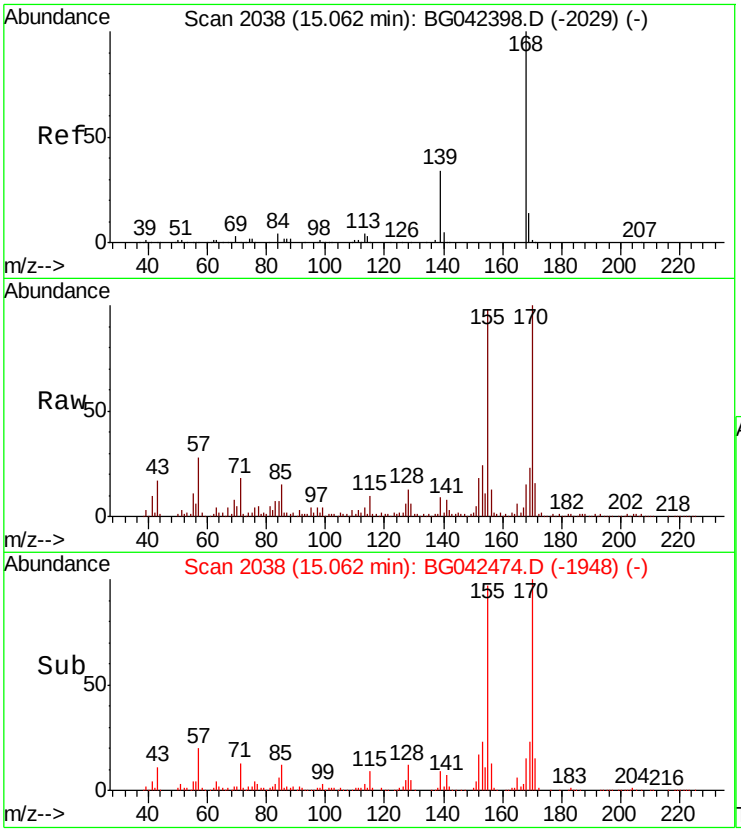


#52
Acenaphthene
Concen: 4.537 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG042474.D
Acq: 25 Aug 2019 12:36

Tgt Ion:154 Resp: 34552

Ion	Ratio	Lower	Upper
154	100		
153	111.5	90.2	135.4
152	59.9	43.2	64.8



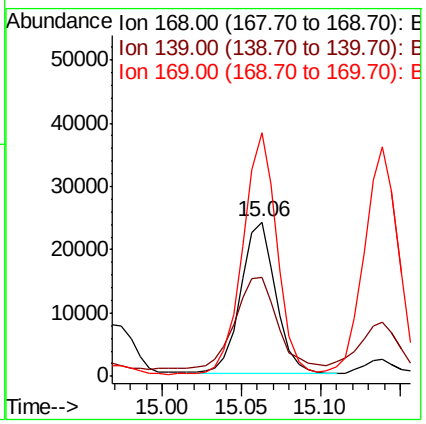


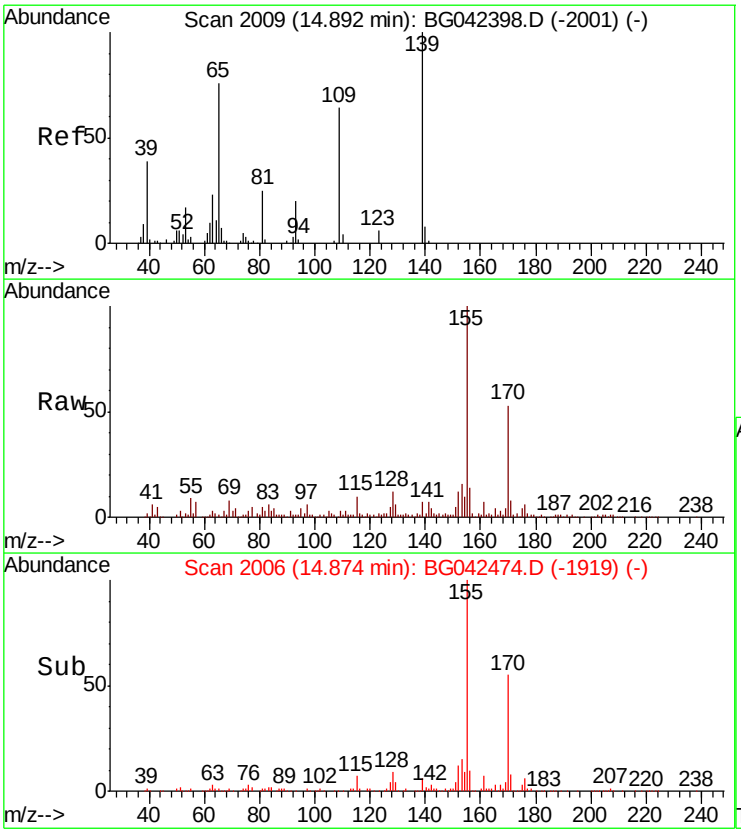
#55
Dibenzofuran
Concen: 2.878 ng
RT: 15.06 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG042474.D
Acq: 25 Aug 2019 12:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 36279

Ion	Ratio	Lower	Upper
168	100		
139	64.2	27.2	40.8#
169	157.9	11.5	17.3#

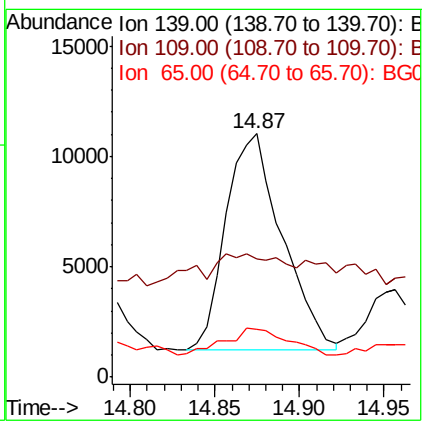


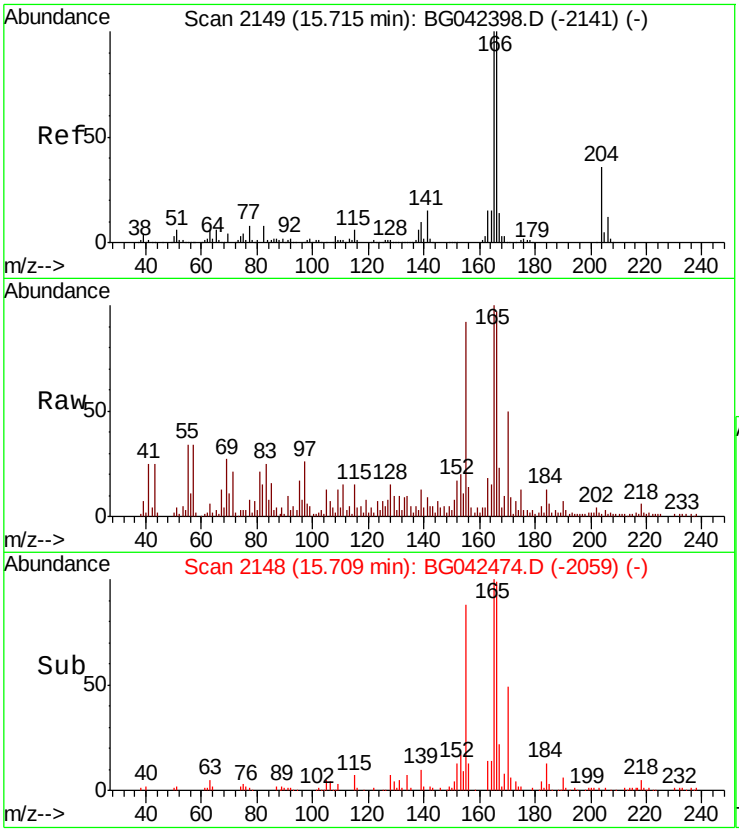


#56
4-Nitrophenol
Concen: 12.790 ng
RT: 14.87 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BG042474.D
Acq: 25 Aug 2019 12:36

Tgt Ion:139 Resp: 22737

Ion	Ratio	Lower	Upper
139	100		
109	48.7	43.9	83.9
65	19.8	56.3	96.3#



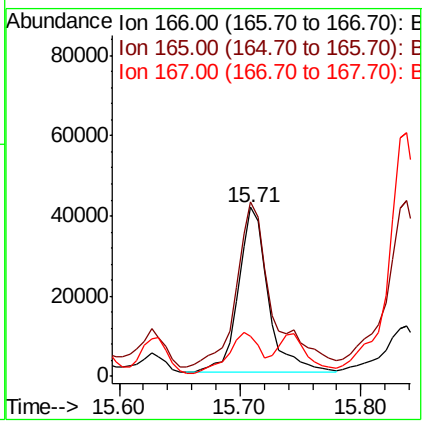


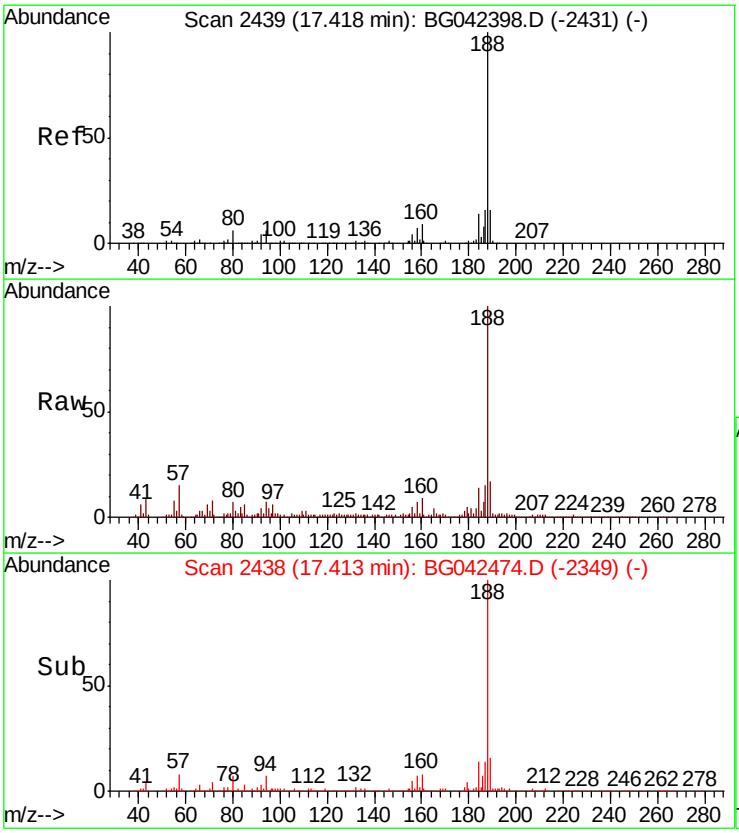
#58
Fluorene
Concen: 6.950 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG042474.D
Acq: 25 Aug 2019 12:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 71624

Ion	Ratio	Lower	Upper
166	100		
165	103.1	79.7	119.5
167	24.0	10.9	16.3#

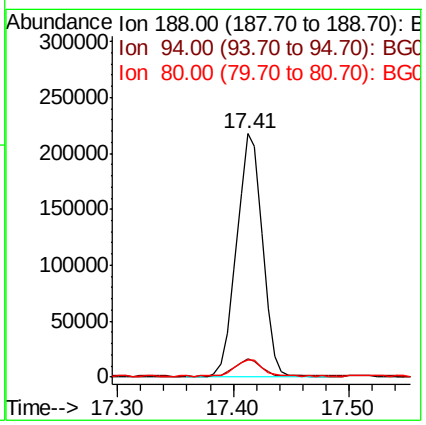


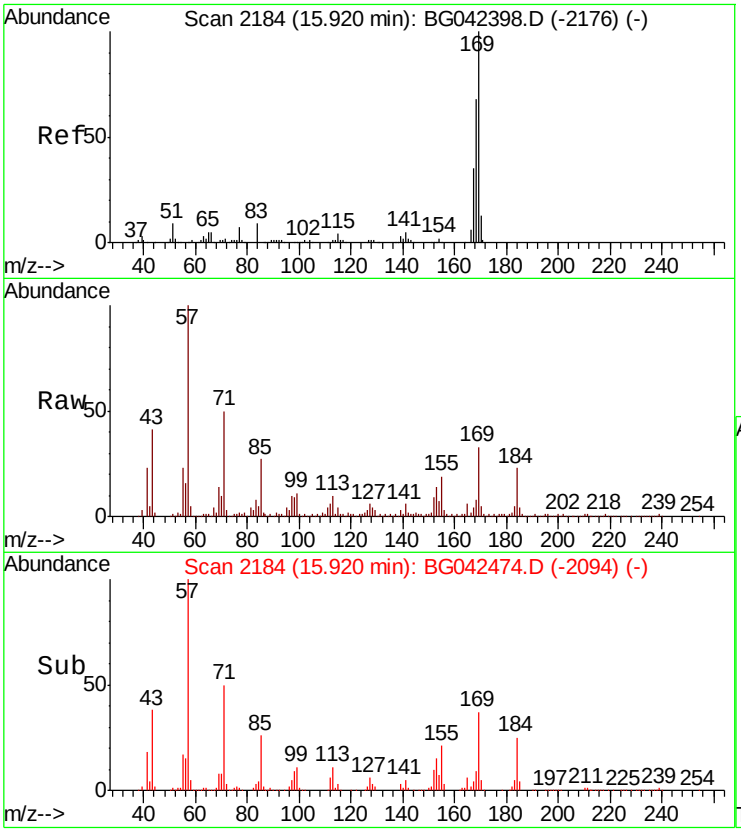


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042474.D
Acq: 25 Aug 2019 12:36

Tgt Ion:188 Resp: 336599

Ion	Ratio	Lower	Upper
188	100		
94	7.4	4.5	6.7#
80	7.2	4.9	7.3



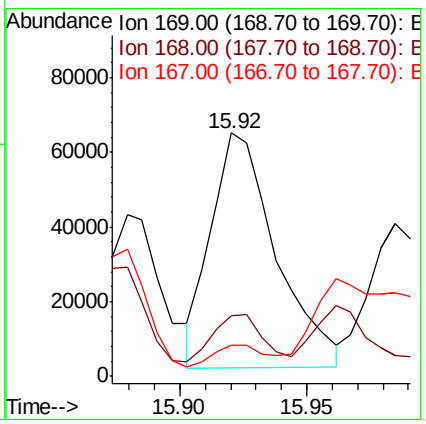


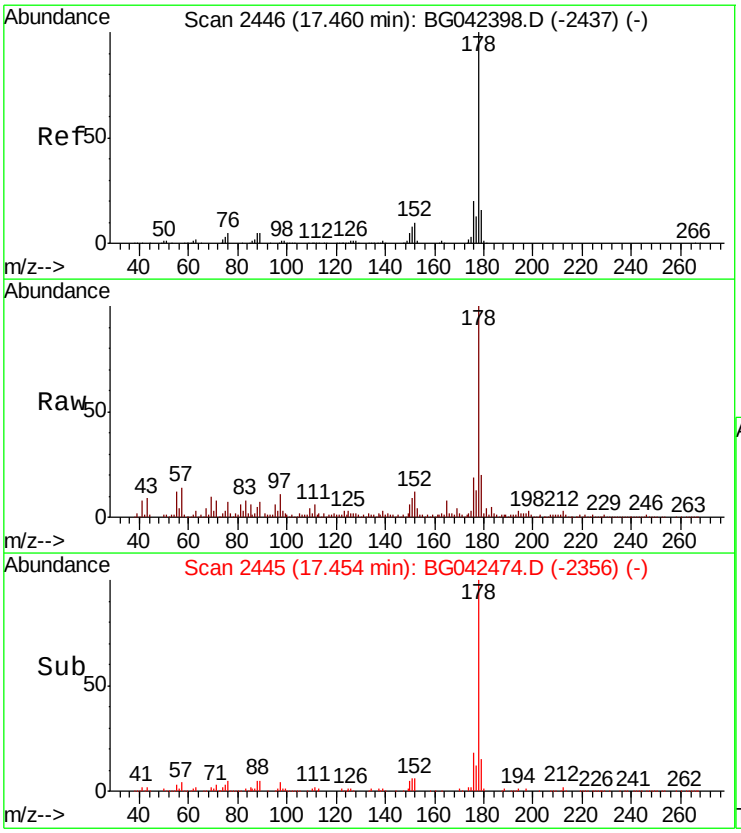
#66
n-Nitrosodiphenylamine
Concen: 12.183 ng
RT: 15.92 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BG042474.D
Acq: 25 Aug 2019 12:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:169 Resp: 112775

Ion	Ratio	Lower	Upper
169	100		
168	25.1	54.3	81.5#
167	12.7	28.2	42.2#

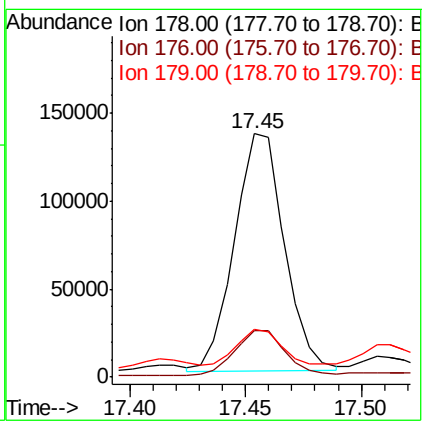


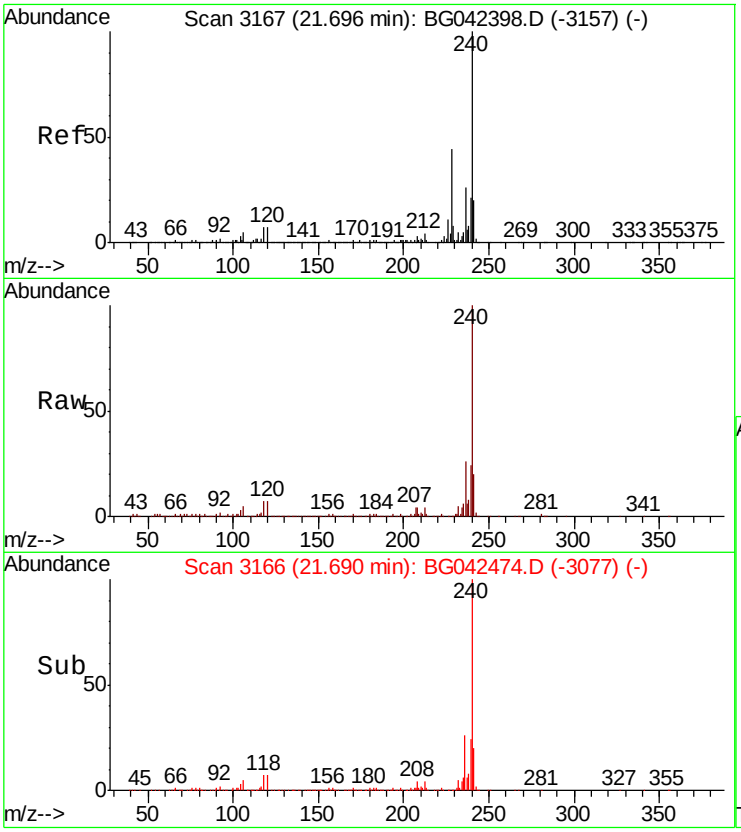


#71
Phenanthrene
Concen: 12.121 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042474.D
Acq: 25 Aug 2019 12:36

Tgt Ion:178 Resp: 202652

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.9	23.9
179	19.6	12.7	19.1#



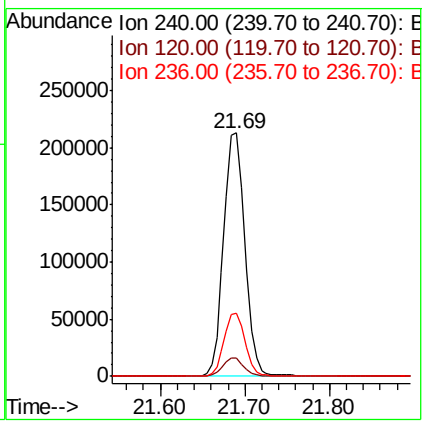


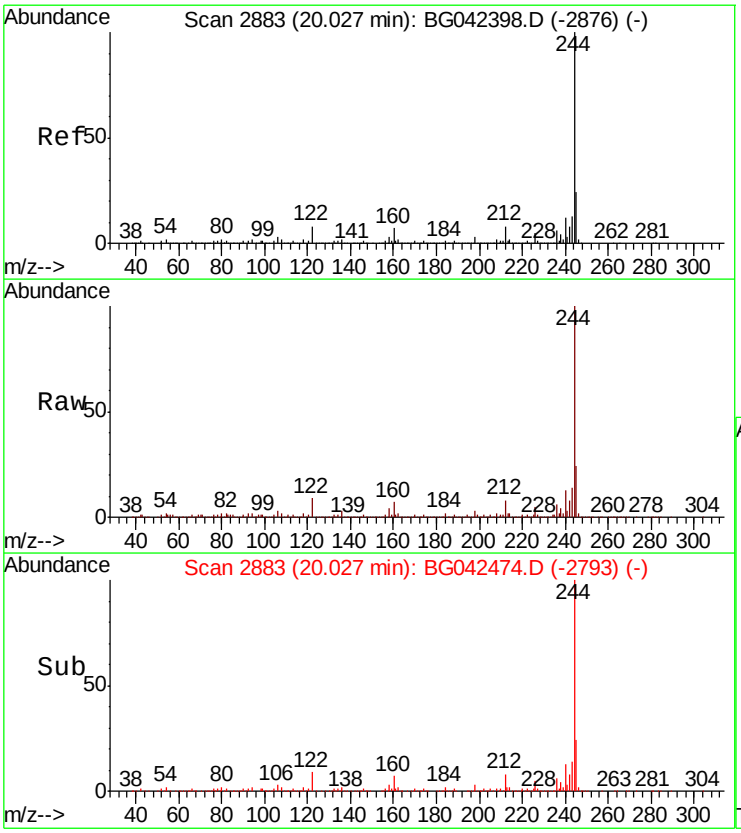
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG042474.D
Acq: 25 Aug 2019 12:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 371284

Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.7	8.5
236	25.9	21.0	31.4

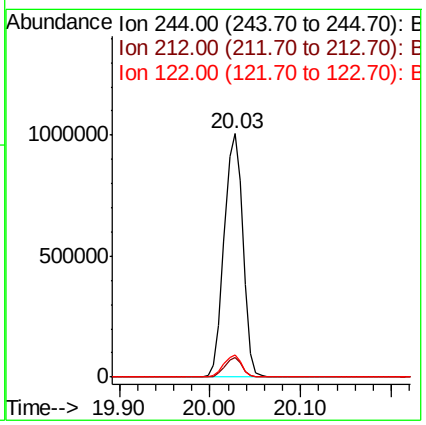


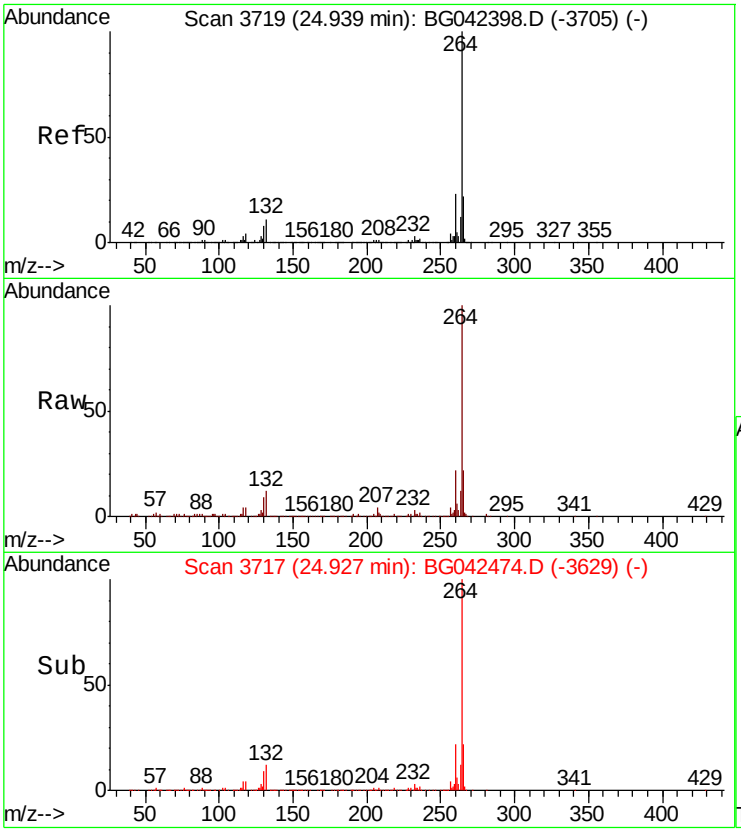


#79
Terphenyl-d14
Concen: 83.824 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.00 min
Lab File: BG042474.D
Acq: 25 Aug 2019 12:36

Tgt Ion:244 Resp: 1439576

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	9.0	6.7	10.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042474.D
Acq: 25 Aug 2019 12:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 433091

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.5	27.7
265	22.0	17.6	26.4