Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
Data File : BG041032.D
Acq On : 3 Jun 2019 13:43
Operator : HP/JU
Sample : K3036-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 03 15:27:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	54729	20.00	ng		-0.01
21) Naphthalene-d8	10.94	136	215543	20.00	ng		0.00
39) Acenaphthene-d10	14.75	164	154362	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	389282	20.00	ng		0.00
76) Chrysene-d12	21.77	240	407936	20.00	ng		-0.01
87) Perylene-d12	25.11	264	425333	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	456995	150.57	ng		0.00
7) Phenol-d6	7.27	99	672887	143.55	ng		0.00
23) Nitrobenzene-d5	9.30	82	459561	94.65	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	328099	143.17	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	944809	88.15	ng		-0.01
79) Terphenyl-d14	20.09	244	1666109	86.68	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.29	94	10481	2.085	ng		83
19) n-Nitroso-di-n-propylamine	9.30	70	66034	18.306	ng	#	78
32) Benzoic acid	9.96	122	60	8.149	ng	#	1
50) Dimethylphthalate	14.19	163	105344	8.062	ng		99
54) 2,4-Dinitrophenol	14.87	184	82	8.321	ng	#	18
57) 2,4-Dinitrotoluene	14.75	165	19289	4.847	ng	#	24
65) 4,6-Dinitro-2-methylphenol	16.24	198	1333	9.114	ng	#	71
67) 4-Bromophenyl-phenylether	16.24	248	24910	4.742	ng	#	1
70) Pentachlorophenol	16.98	266	63	4.276	ng	#	18
77) Benzidine	20.09	184	27888	2.866	ng	#	97

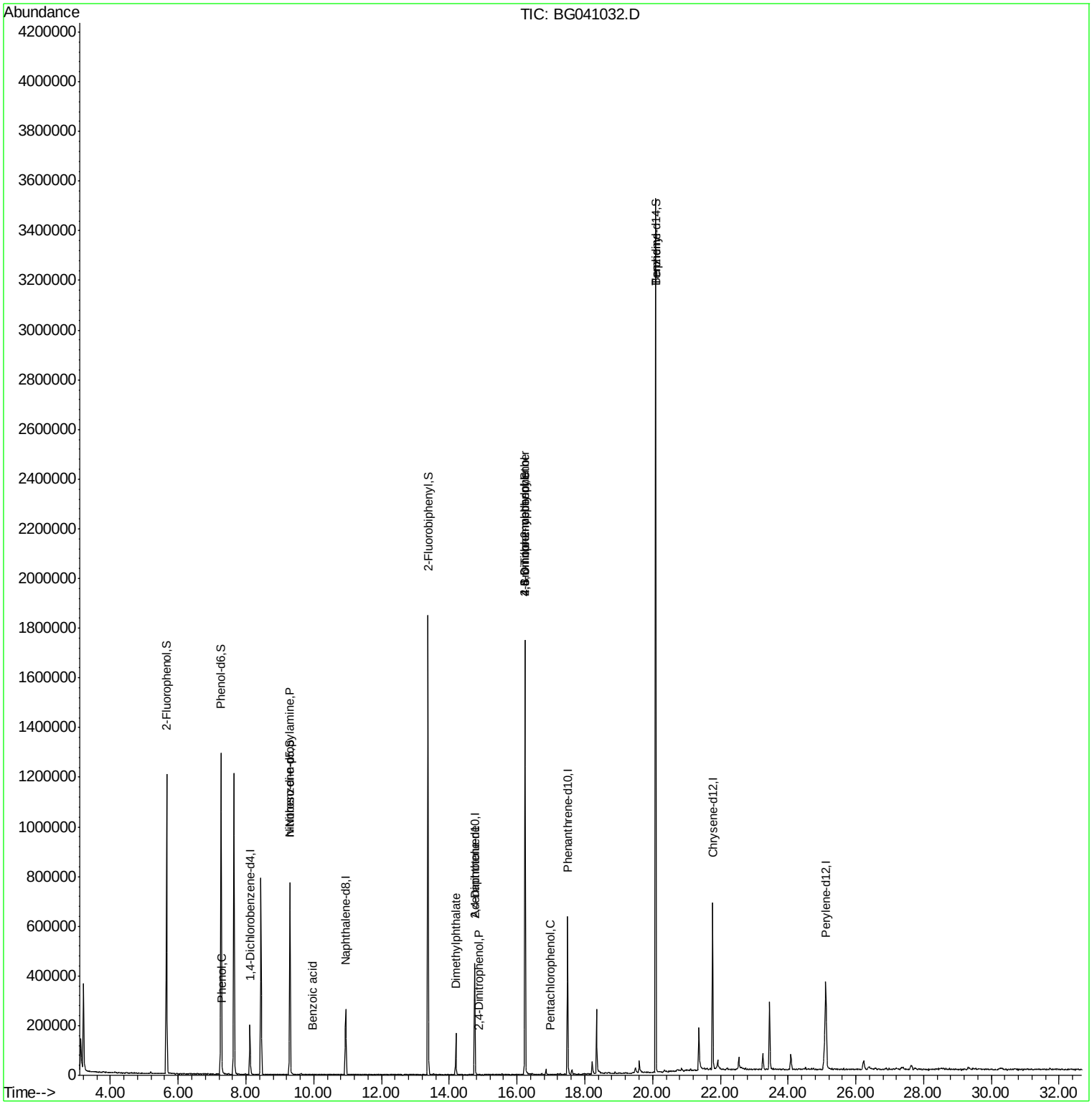
(#) = qualifier out of range (m) = manual integration (+) = signals summed

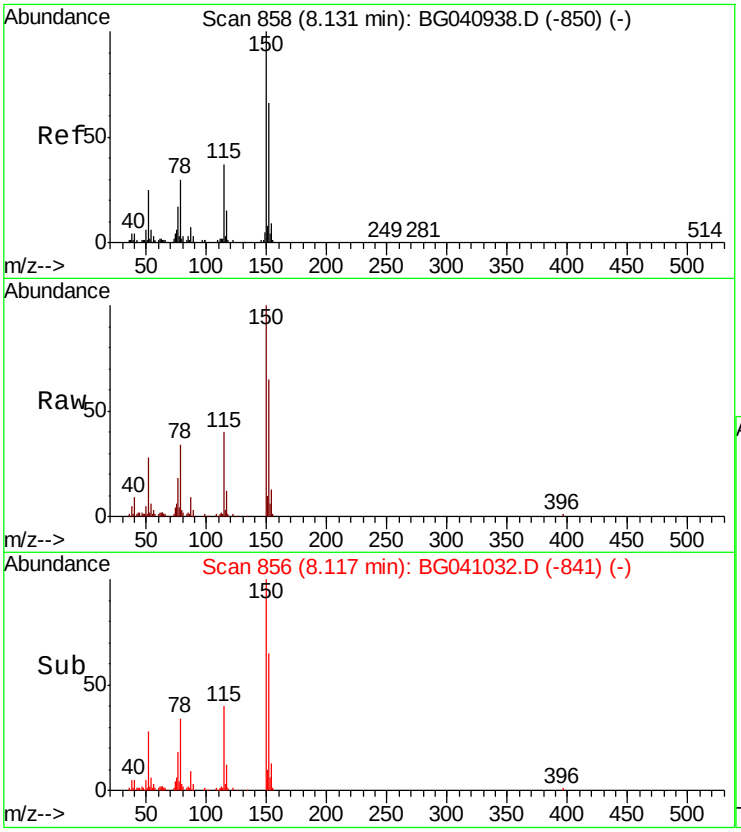
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
Data File : BG041032.D
Acq On : 3 Jun 2019 13:43
Operator : HP/JU
Sample : K3036-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 03 15:27:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration



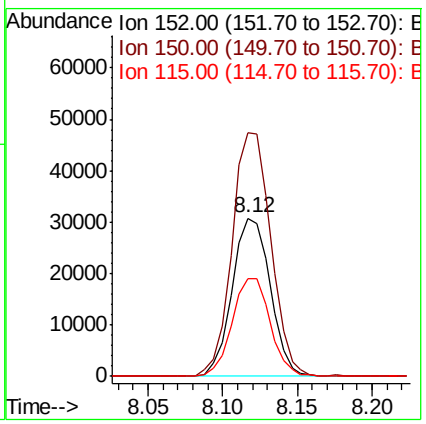


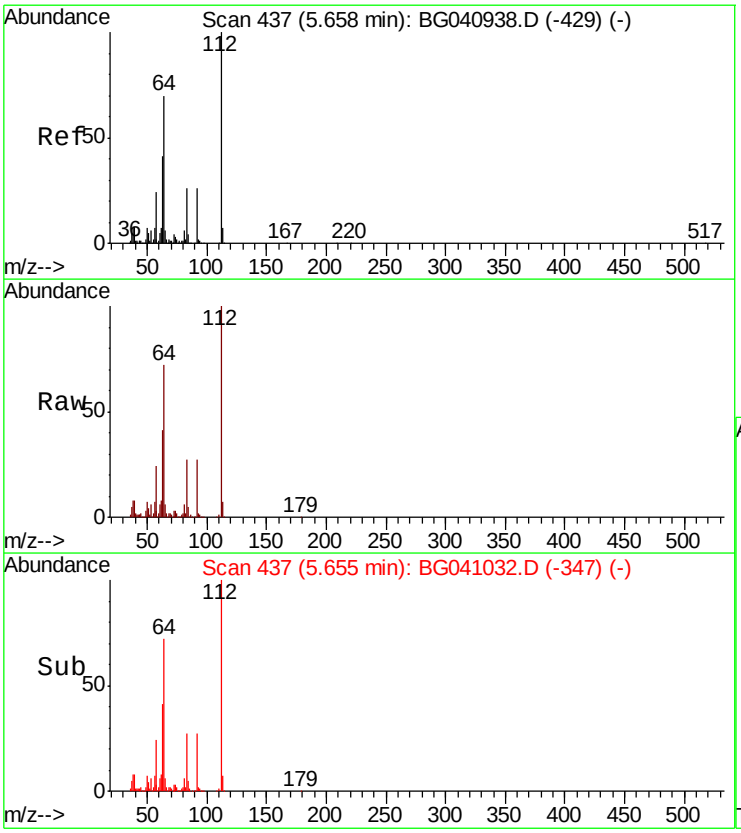
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG041032.D
Acq: 3 Jun 2019 13:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 54729

Ion	Ratio	Lower	Upper
152	100		
150	153.6	120.6	180.8
115	62.0	45.1	67.7

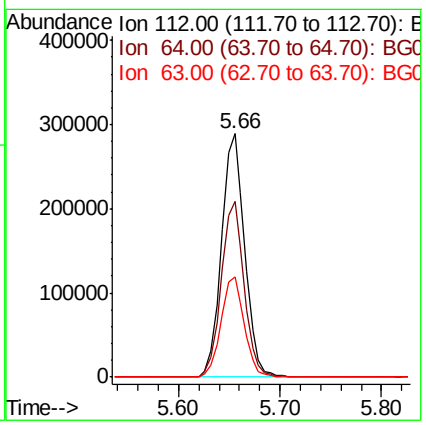


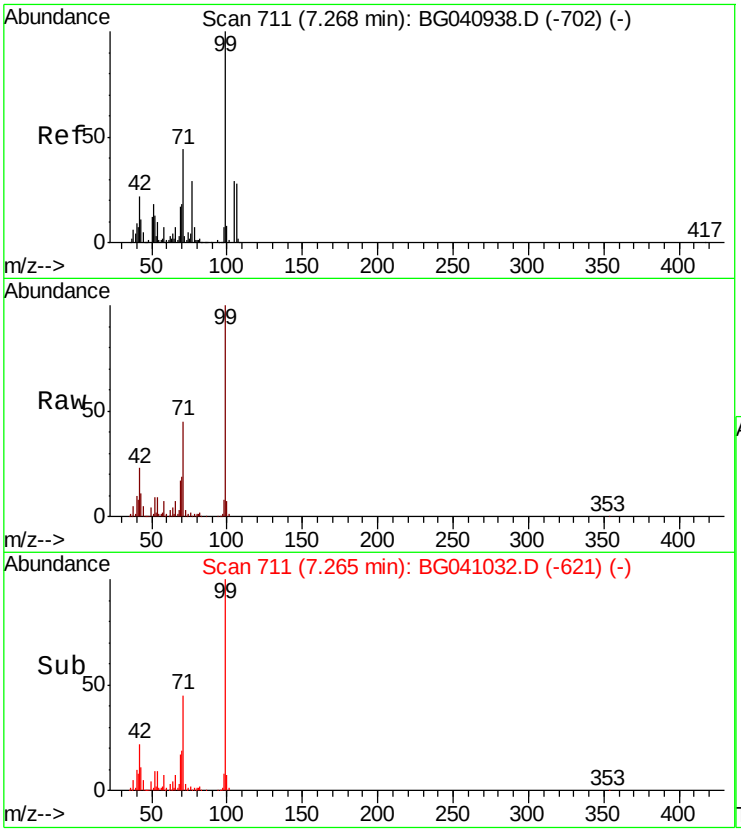


#5
2-Fluorophenol
Concen: 150.571 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG041032.D
Acq: 3 Jun 2019 13:43

Tgt Ion:112 Resp: 456995

Ion	Ratio	Lower	Upper
112	100		
64	72.4	56.2	84.2
63	41.2	32.8	49.2



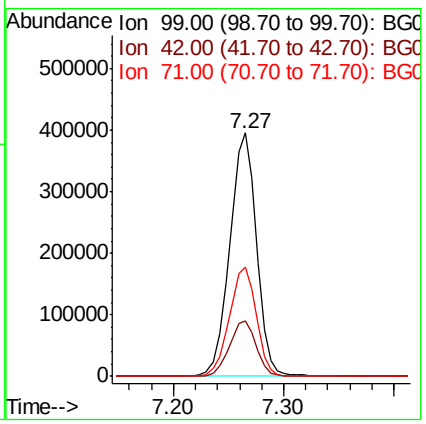


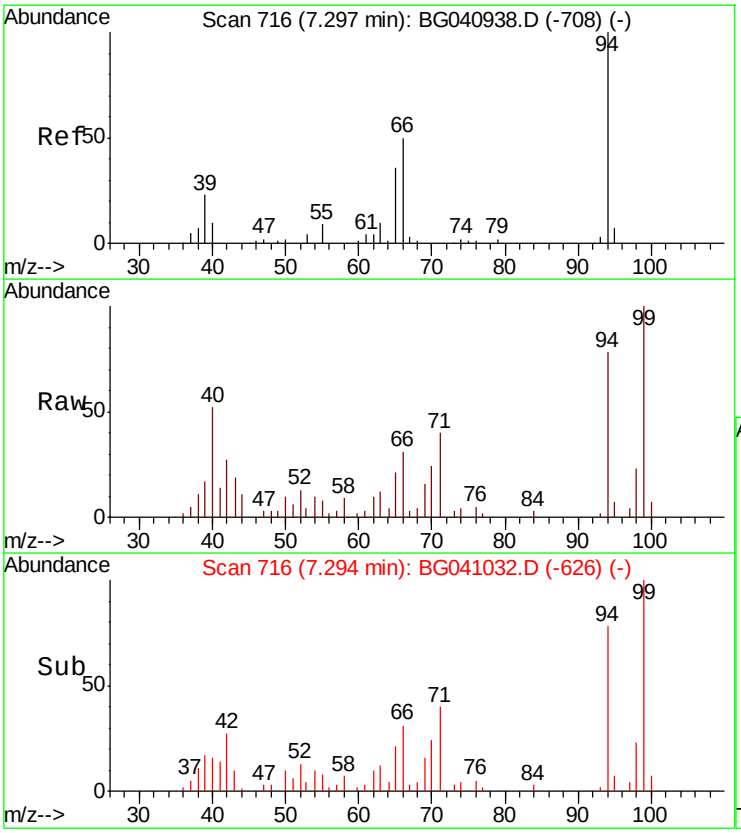
#7
Phenol-d6
Concen: 143.553 ng
RT: 7.27 min Scan# 711
Delta R.T. -0.00 min
Lab File: BG041032.D
Acq: 3 Jun 2019 13:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 672887

Ion	Ratio	Lower	Upper
99	100		
42	22.5	17.9	26.9
71	44.8	35.4	53.0

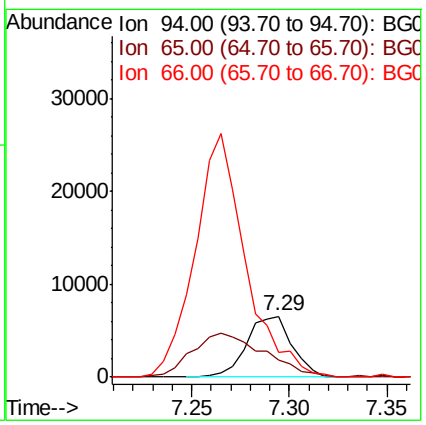


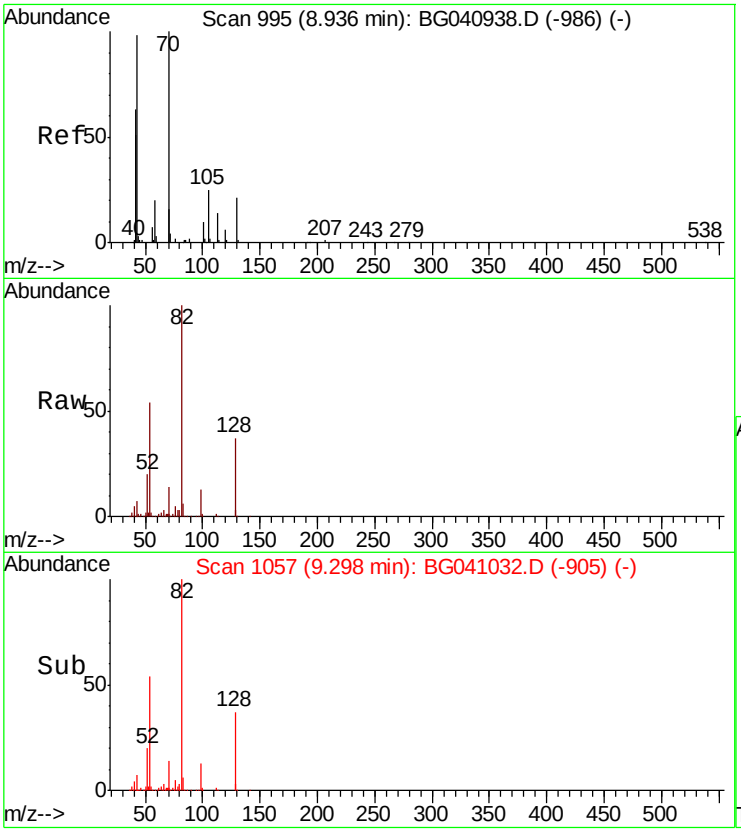


#10
Phenol
Concen: 2.085 ng
RT: 7.29 min Scan# 716
Delta R.T. -0.00 min
Lab File: BG041032.D
Acq: 3 Jun 2019 13:43

Tgt Ion: 94 Resp: 10481

Ion	Ratio	Lower	Upper
94	100		
65	27.5	17.0	57.0
66	40.3	32.4	72.4



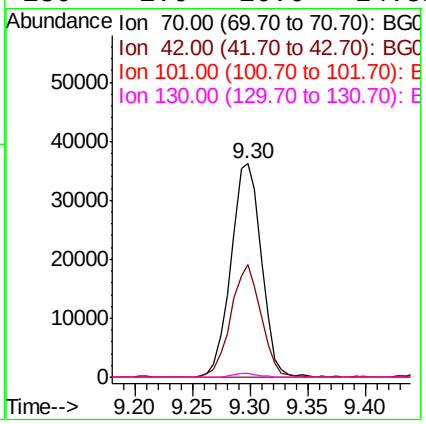


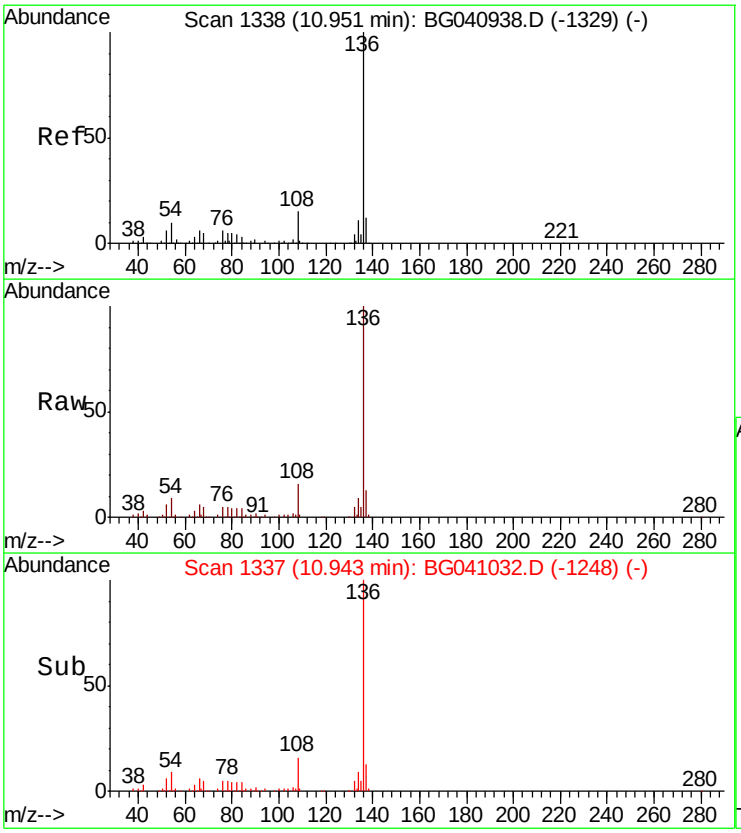
#19
n-Nitroso-di-n-propylamine
Concen: 18.306 ng
RT: 9.30 min Scan# 1057
Delta R.T. 0.36 min
Lab File: BG041032.D
Acq: 3 Jun 2019 13:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 66034

Ion	Ratio	Lower	Upper
70	100		
42	53.0	51.5	77.3
101	0.0	8.1	12.1#
130	1.6	16.6	24.8#

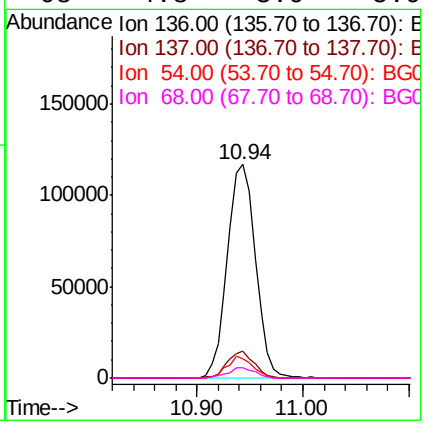


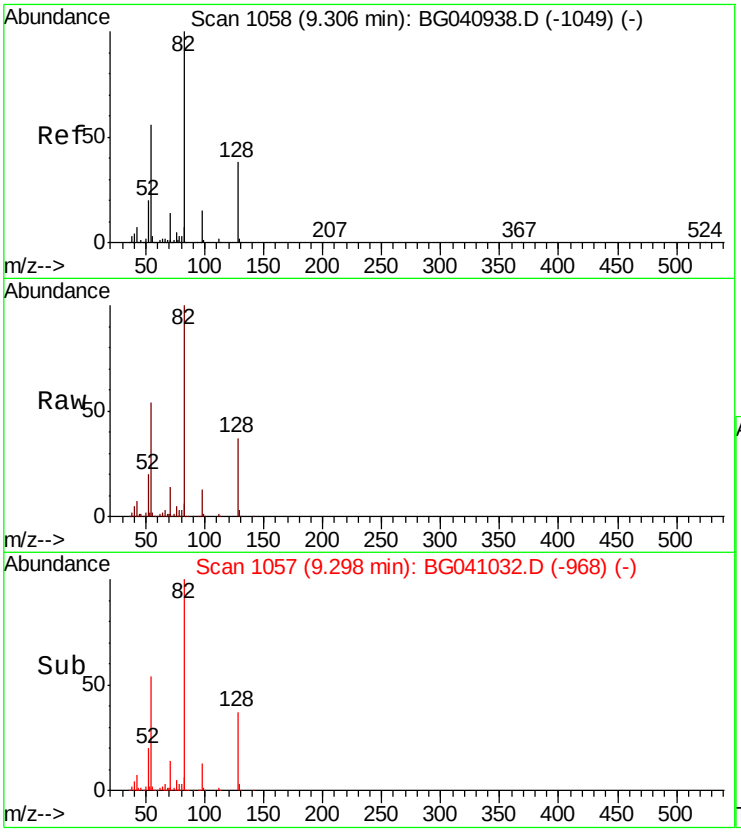


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG041032.D
Acq: 3 Jun 2019 13:43

Tgt Ion:136 Resp: 215543

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.5	14.3
54	8.8	7.6	11.4
68	4.8	3.9	5.9



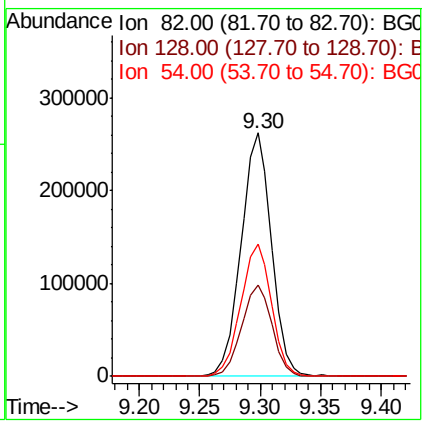


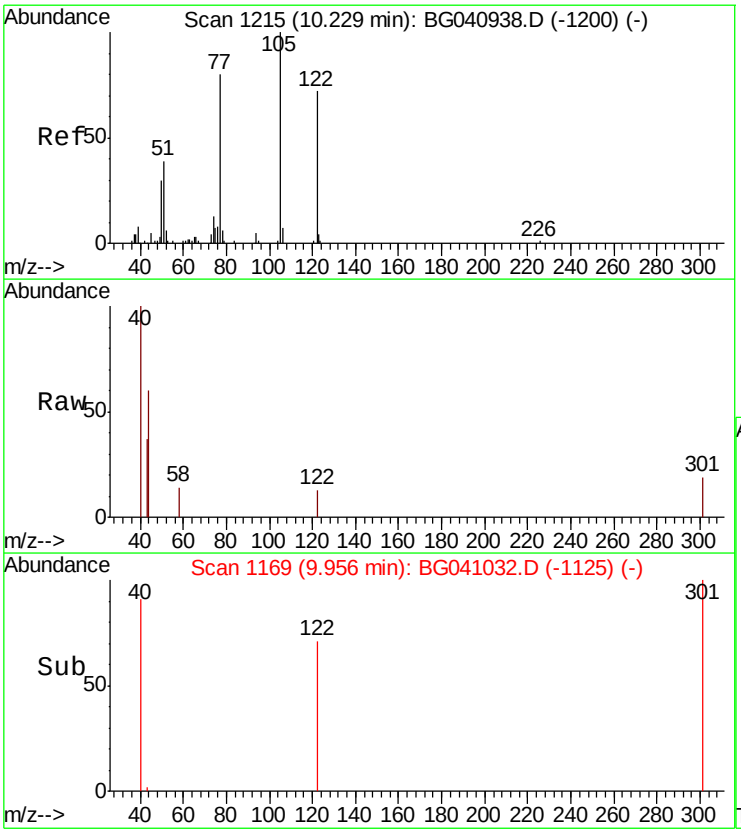
#23
Nitrobenzene-d5
Concen: 94.652 ng
RT: 9.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BG041032.D
Acq: 3 Jun 2019 13:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 459561

Ion	Ratio	Lower	Upper
82	100		
128	37.4	30.5	45.7
54	54.2	44.6	66.8

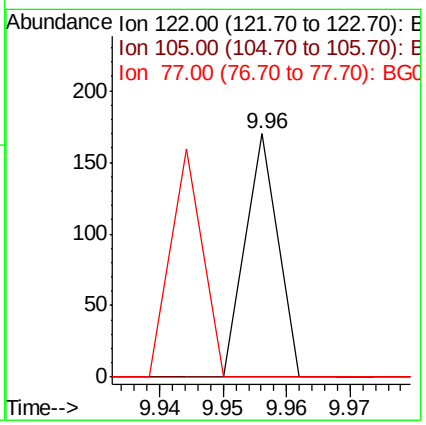


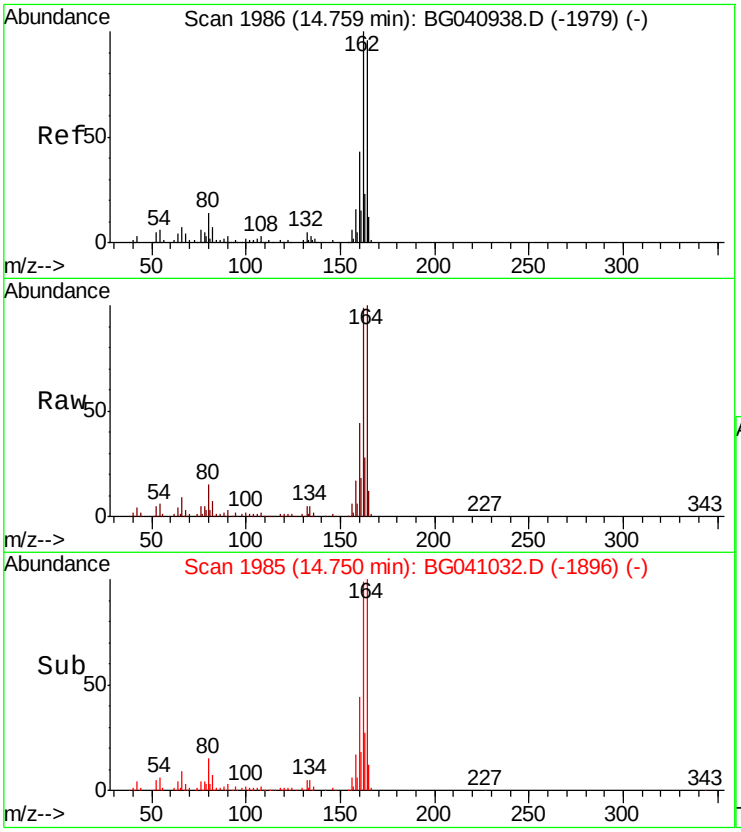


#32
Benzoic acid
Concen: 8.149 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.27 min
Lab File: BG041032.D
Acq: 3 Jun 2019 13:43

Tgt Ion:122 Resp: 60

Ion	Ratio	Lower	Upper
122	100		
105	0.0	114.8	154.8#
77	0.0	89.9	129.9#



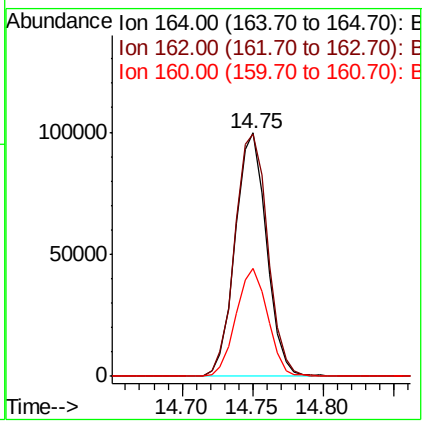


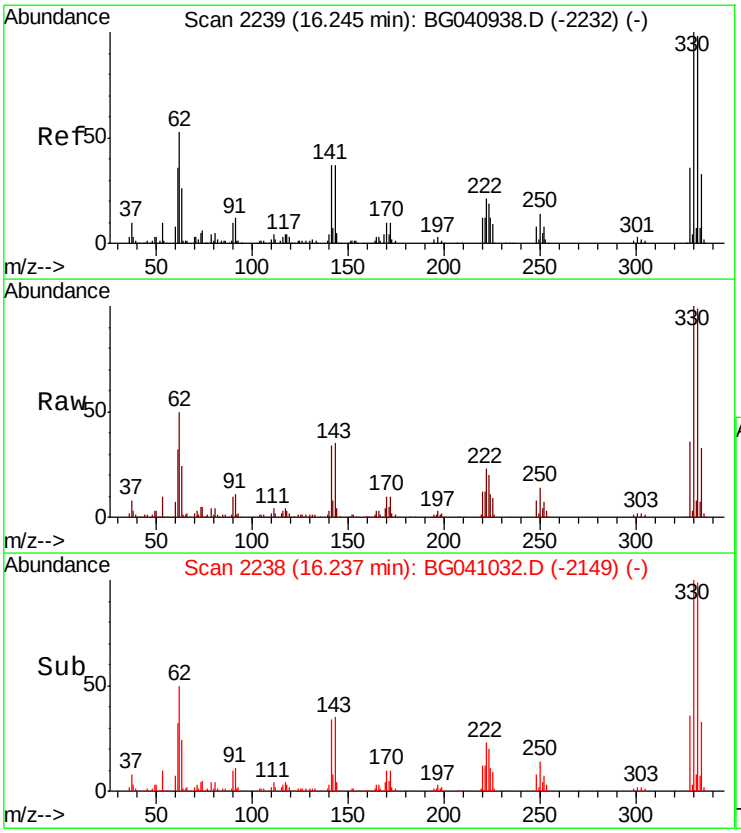
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG041032.D
Acq: 3 Jun 2019 13:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 154362

Ion	Ratio	Lower	Upper
164	100		
162	99.4	83.0	124.4
160	44.3	35.6	53.4

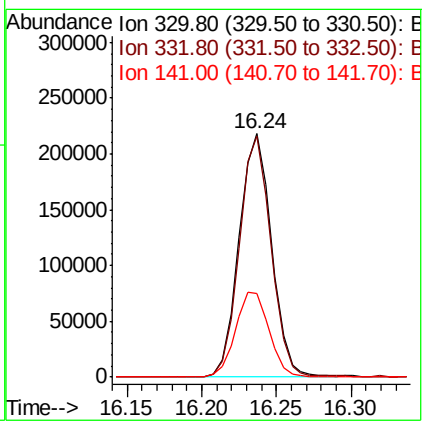


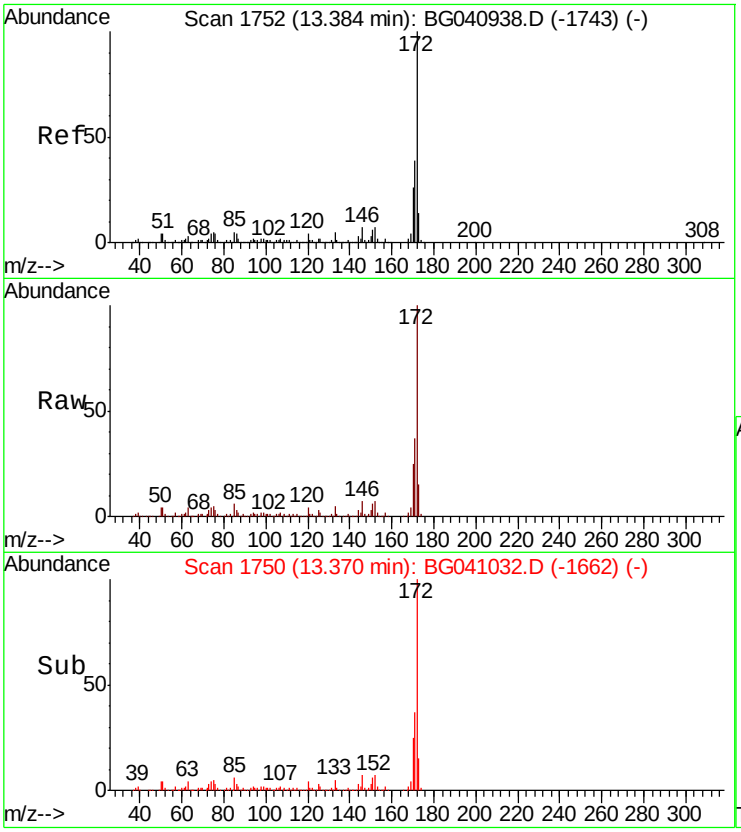


#42
2,4,6-Tribromophenol
Concen: 143.174 ng
RT: 16.24 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BG041032.D
Acq: 3 Jun 2019 13:43

Tgt Ion:330 Resp: 328099

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.5	117.7
141	36.5	28.7	43.1



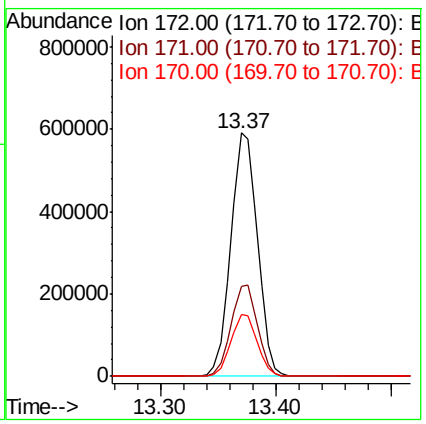


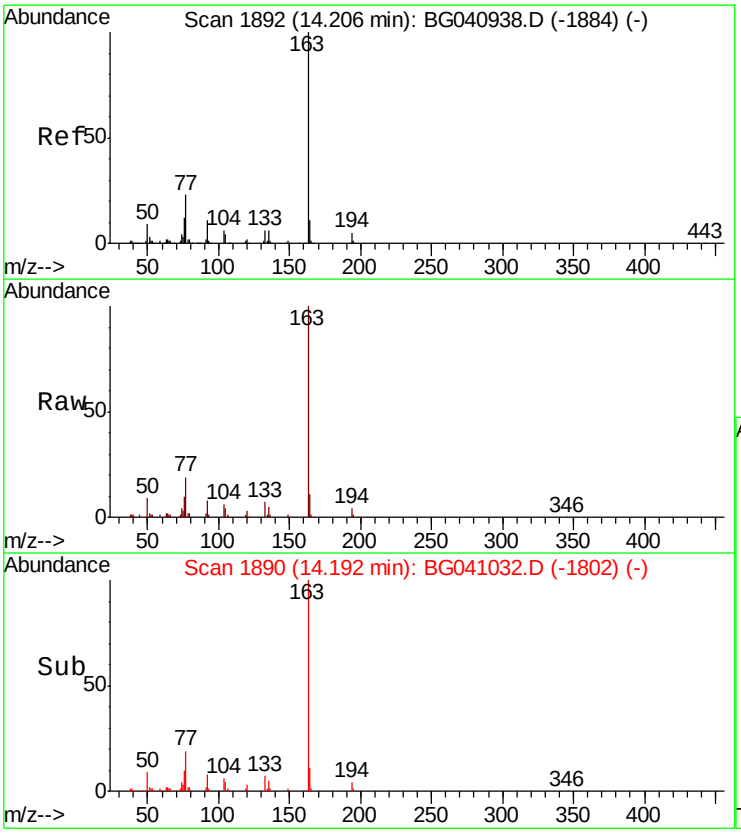
#45
2-Fluorobiphenyl
Concen: 88.145 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG041032.D
Acq: 3 Jun 2019 13:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 944809

Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.1	46.7
170	25.5	20.5	30.7

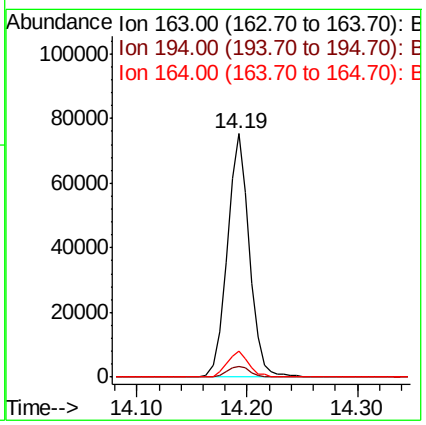


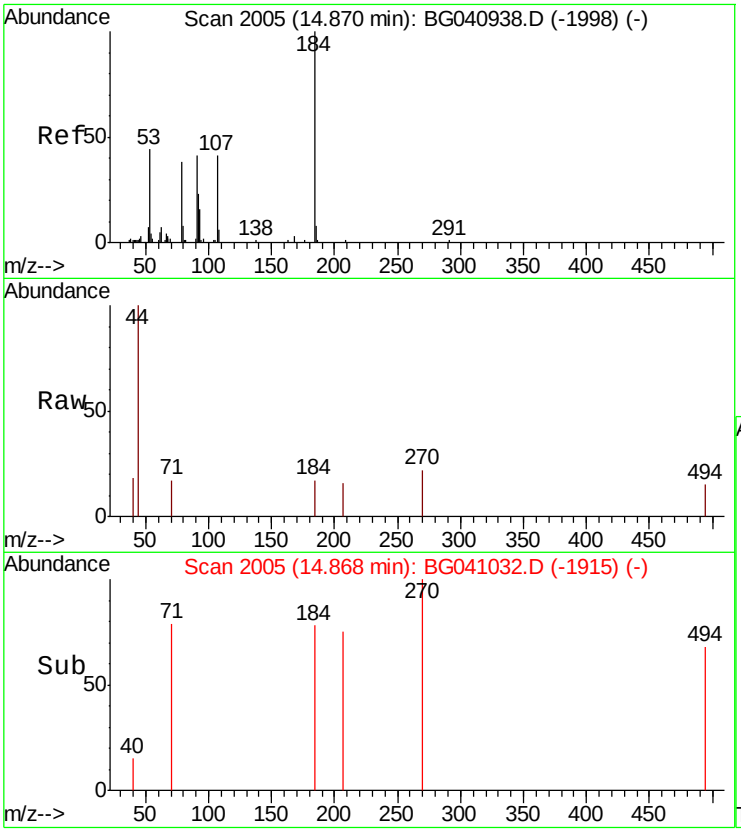


#50
Dimethylphthalate
Concen: 8.062 ng
RT: 14.19 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG041032.D
Acq: 3 Jun 2019 13:43

Tgt Ion:163 Resp: 105344

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.8	5.8
164	10.5	8.7	13.1



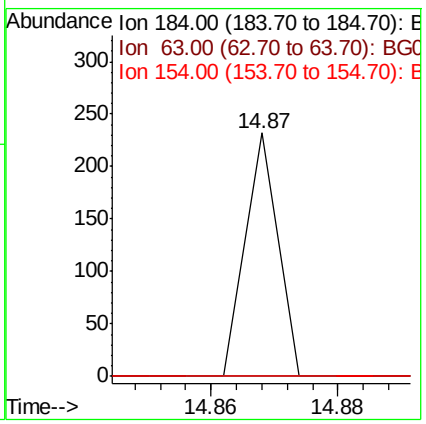


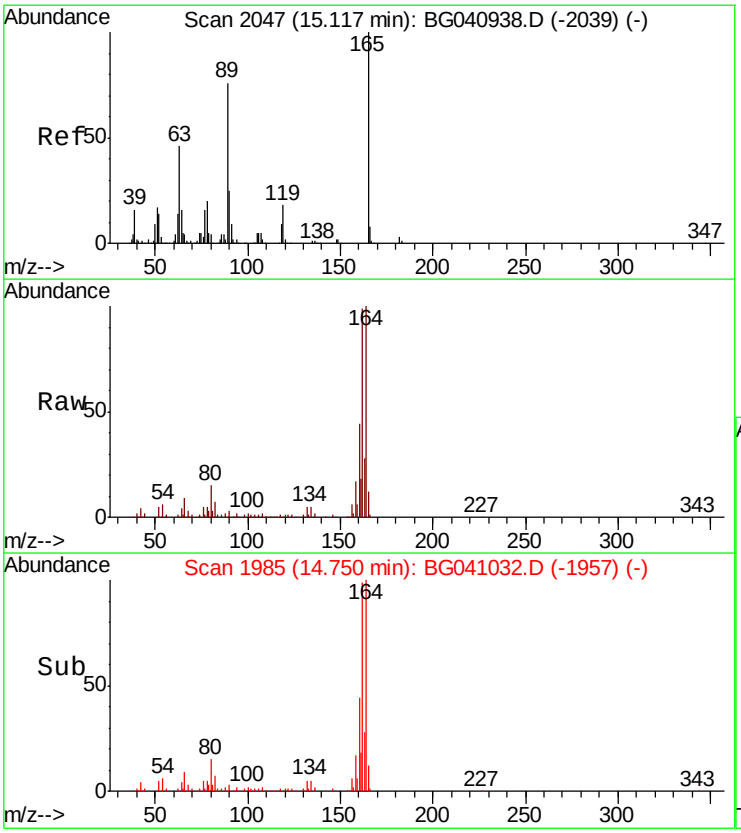
#54
2,4-Dinitrophenol
Concen: 8.321 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BG041032.D
Acq: 3 Jun 2019 13:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 82

Ion	Ratio	Lower	Upper
184	100		
63	0.0	49.8	74.6#
154	0.0	52.2	78.4#

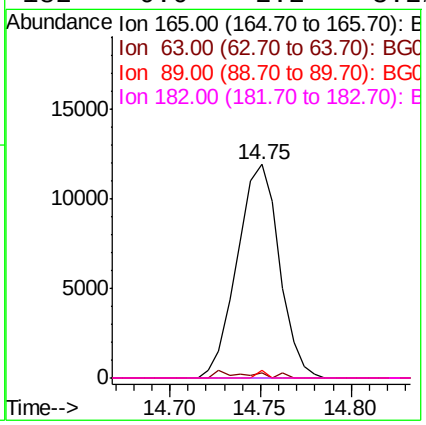


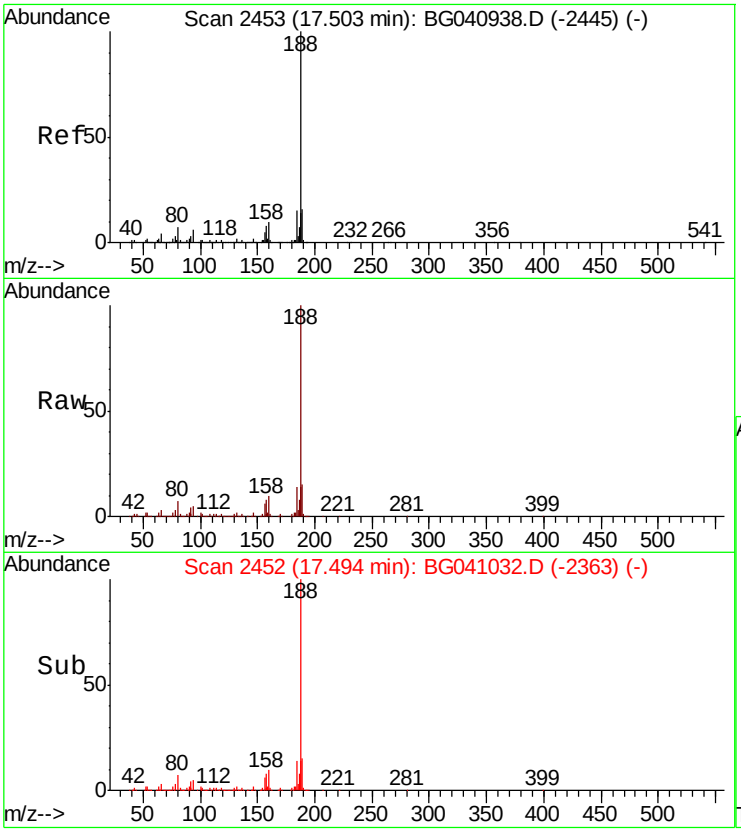


#57
2,4-Dinitrotoluene
Concen: 4.847 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.37 min
Lab File: BG041032.D
Acq: 3 Jun 2019 13:43

Tgt Ion:165 Resp: 19289

Ion	Ratio	Lower	Upper
165	100		
63	2.2	37.3	55.9#
89	3.8	61.0	91.6#
182	0.0	2.2	3.2#



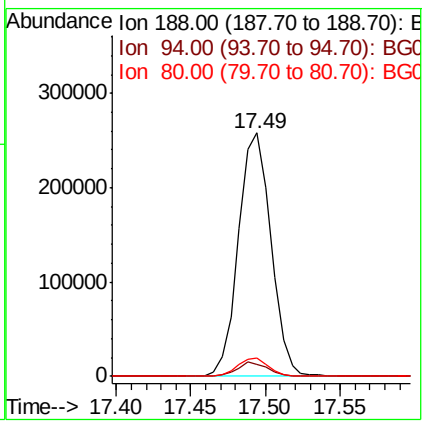


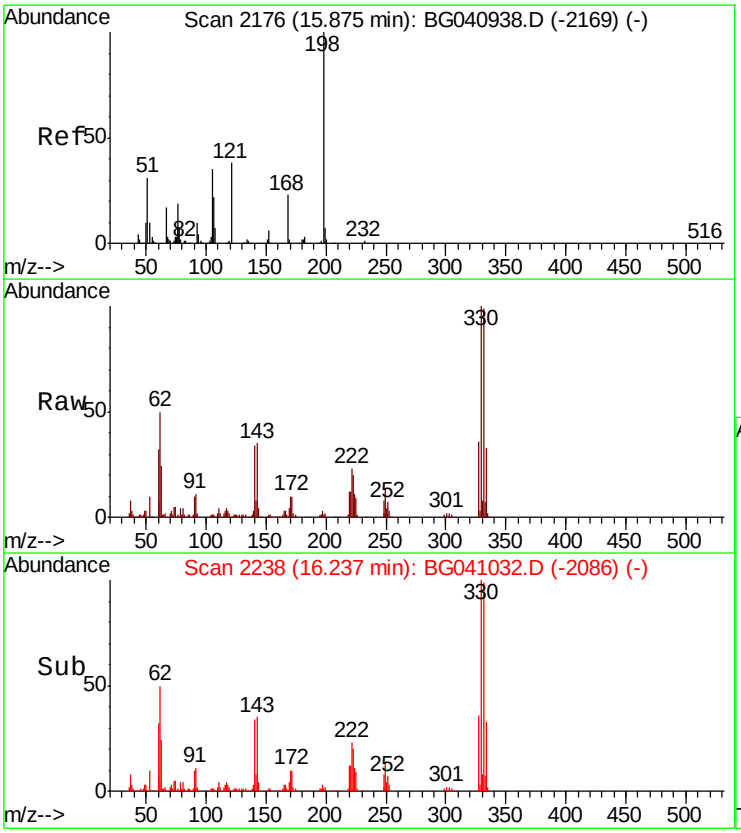
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BG041032.D
Acq: 3 Jun 2019 13:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 389282

Ion	Ratio	Lower	Upper
188	100		
94	4.9	4.7	7.1
80	7.4	5.8	8.8

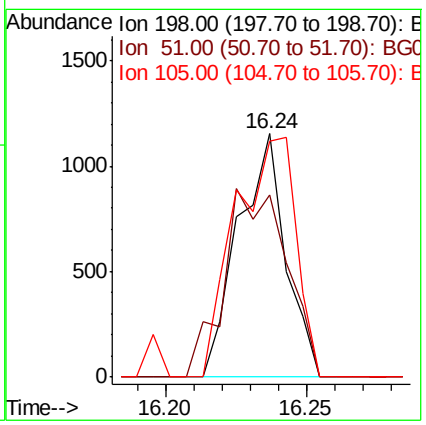


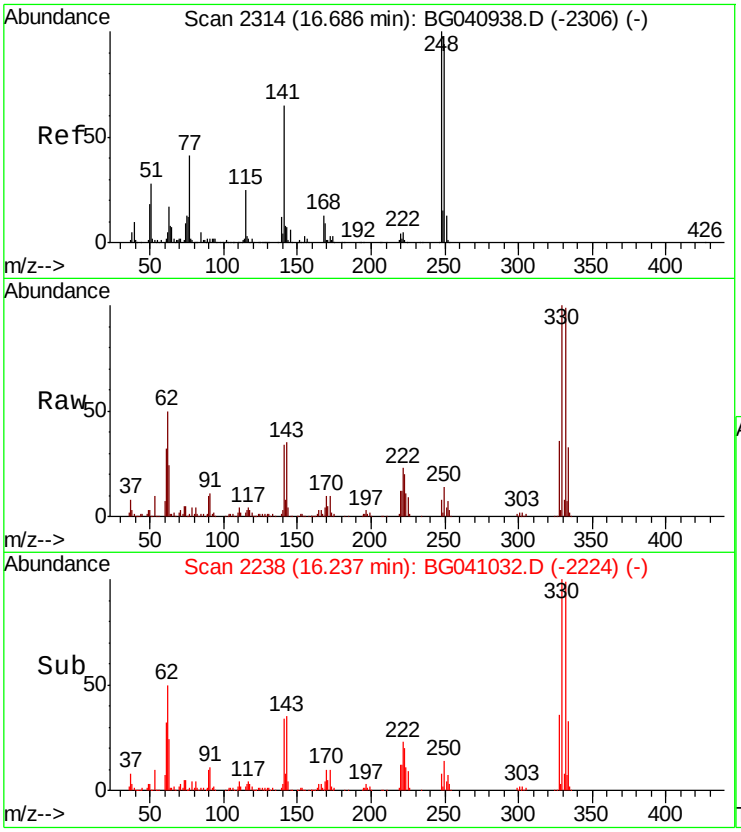


#65
4,6-Dinitro-2-methylphenol
Concen: 9.114 ng
RT: 16.24 min Scan# 2238
Delta R.T. 0.36 min
Lab File: BG041032.D
Acq: 3 Jun 2019 13:43

Tgt Ion:198 Resp: 1333

Ion	Ratio	Lower	Upper
198	100		
51	19.0	21.6	61.6#
105	24.7	17.5	57.5



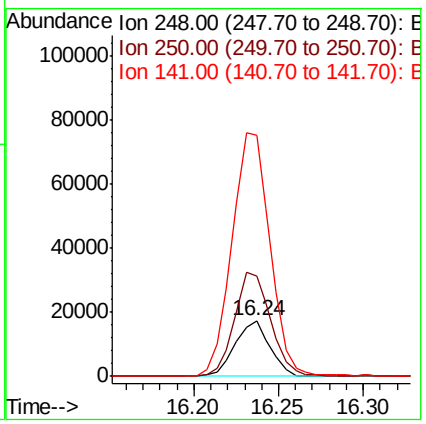


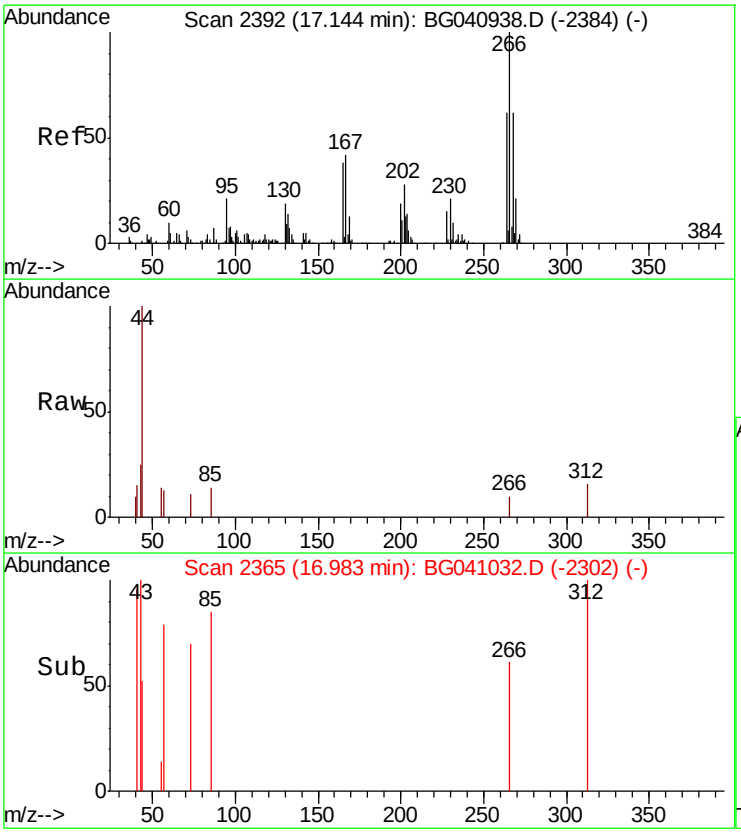
#67
4-Bromophenyl-phenylether
Concen: 4.742 ng
RT: 16.24 min Scan# 2238
Delta R.T. -0.45 min
Lab File: BG041032.D
Acq: 3 Jun 2019 13:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 24910

Ion	Ratio	Lower	Upper
248	100		
250	179.7	75.0	112.4#
141	433.4	52.4	78.6#

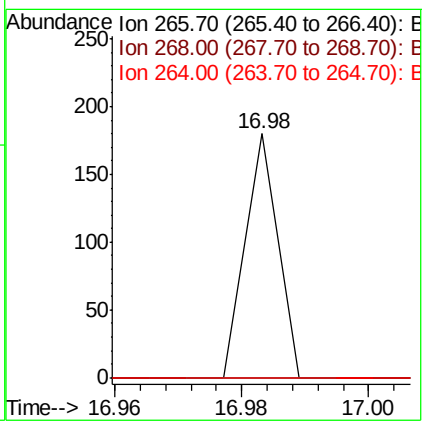


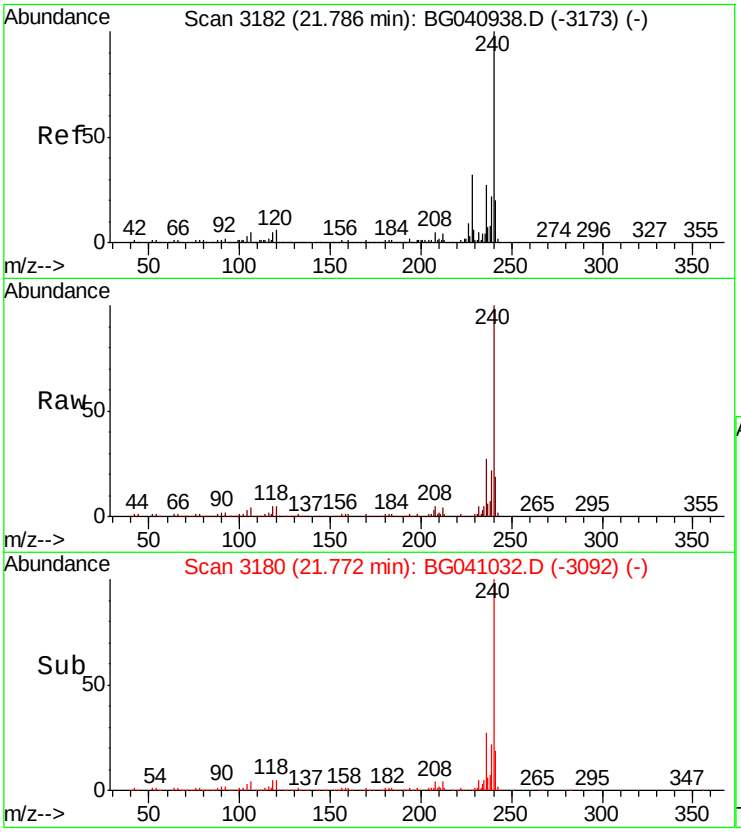


#70
Pentachlorophenol
Concen: 4.276 ng
RT: 16.98 min Scan# 2365
Delta R.T. -0.16 min
Lab File: BG041032.D
Acq: 3 Jun 2019 13:43

Tgt Ion:266 Resp: 63

Ion	Ratio	Lower	Upper
266	100		
268	0.0	53.1	79.7#
264	0.0	49.9	74.9#



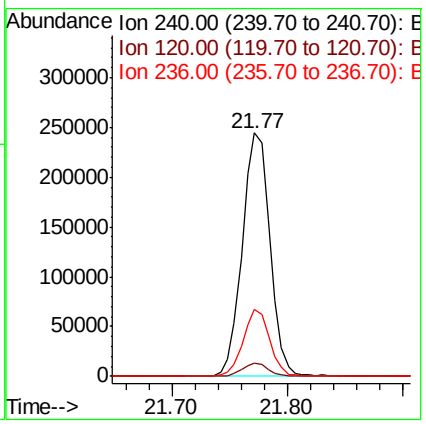


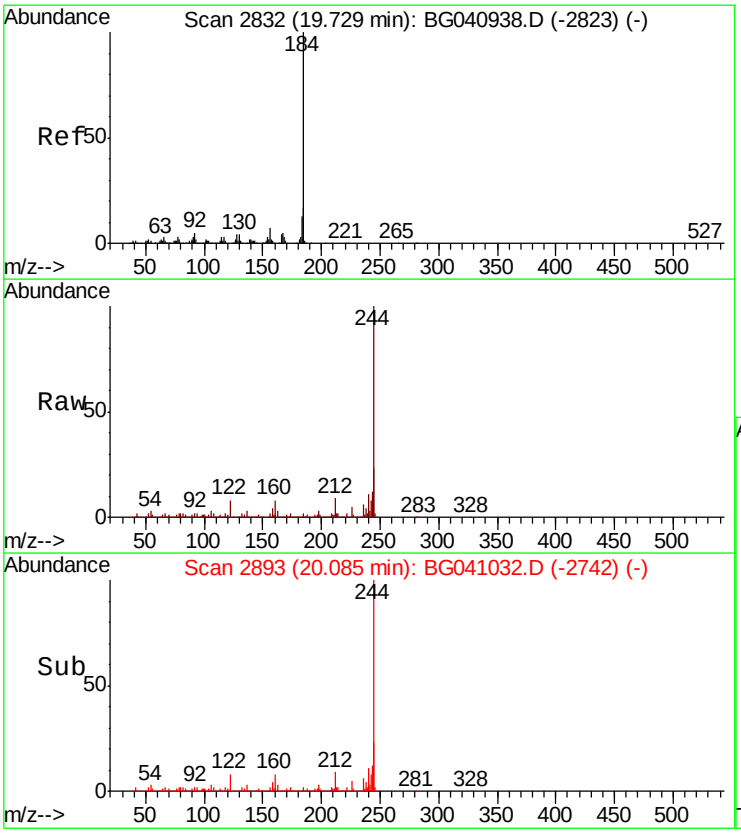
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3180
Delta R.T. -0.01 min
Lab File: BG041032.D
Acq: 3 Jun 2019 13:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 407936

Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.5	6.7
236	27.5	21.3	31.9

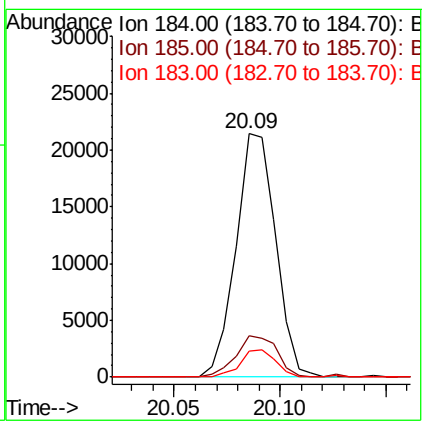


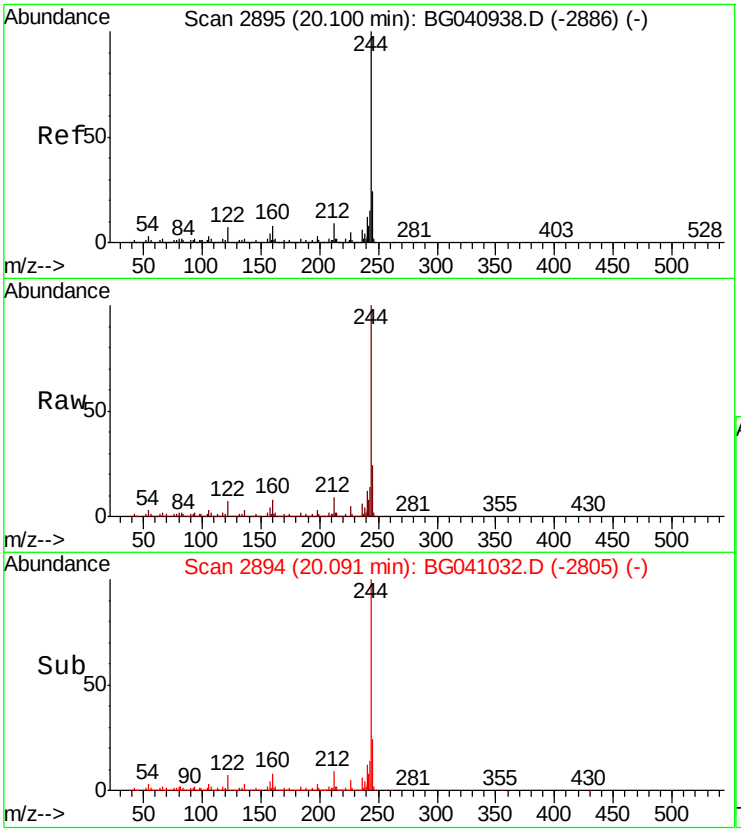


#77
Benzidine
Concen: 2.866 ng
RT: 20.09 min Scan# 2893
Delta R.T. 0.36 min
Lab File: BG041032.D
Acq: 3 Jun 2019 13:43

Tgt Ion:184 Resp: 27888

Ion	Ratio	Lower	Upper
184	100		
185	16.7	13.3	19.9
183	10.5	10.7	16.1#



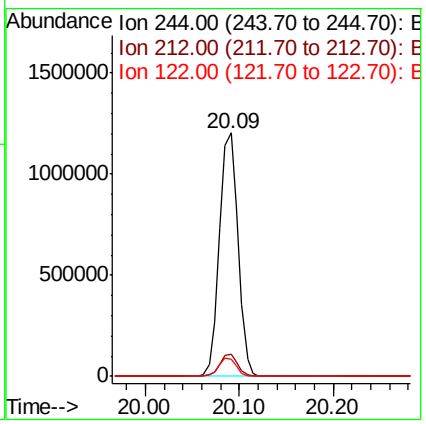


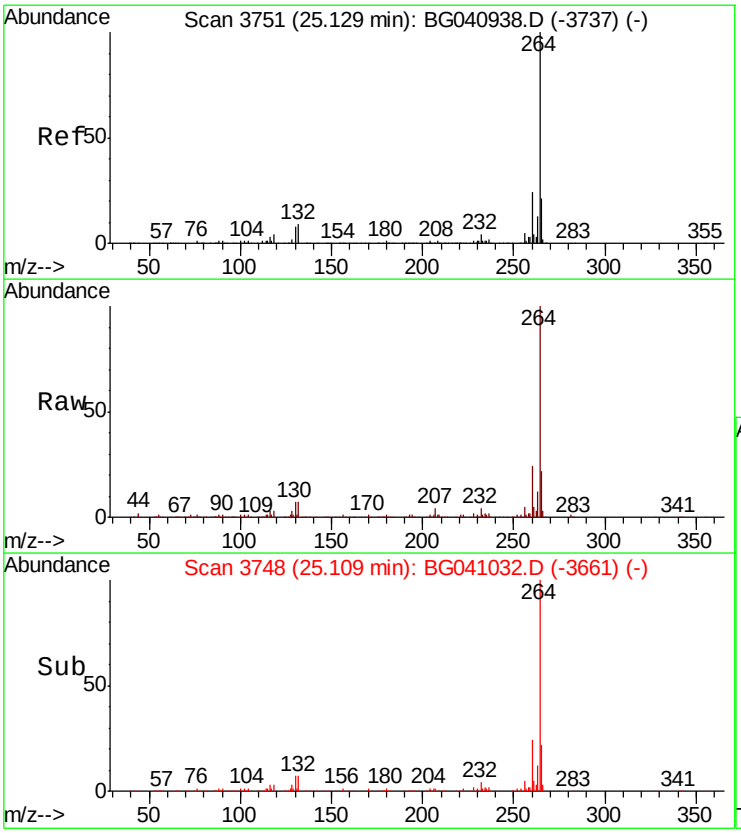
#79
Terphenyl-d14
Concen: 86.682 ng
RT: 20.09 min Scan# 2894
Delta R.T. -0.01 min
Lab File: BG041032.D
Acq: 3 Jun 2019 13:43

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1666109

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.4
122	6.9	5.4	8.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3748
Delta R.T. -0.02 min
Lab File: BG041032.D
Acq: 3 Jun 2019 13:43

Tgt Ion:264 Resp: 425333

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.4
265	22.3	17.0	25.4