Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
Data File : BG040815.D
Acq On : 9 May 2019 10:14
Operator : HP/JU
Sample : K2645-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: May 09 11:27:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	46446	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	183476	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	138350	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	383054	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	360547	20.00	ng	-0.03
87) Perylene-d12	25.15	264	232695	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	389847	147.96	ng	-0.01
7) Phenol-d6	7.28	99	514947	126.93	ng	-0.01
23) Nitrobenzene-d5	9.32	82	450792	113.53	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	272895	143.50	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	992499	103.60	ng	-0.02
79) Terphenyl-d14	20.11	244	1972504	121.20	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.28	77	1079	Below Cal	#	19
19) n-Nitroso-di-n-propylamine	9.32	70	65510	17.938	ng	# 79
51) 2,6-Dinitrotoluene	14.77	165	17817	7.887	ng	# 15
54) 2,4-Dinitrophenol	14.83	184	53	7.053	ng	# 1
56) 4-Nitrophenol	15.16	139	4571	2.277	ng	# 1
57) 2,4-Dinitrotoluene	14.77	165	17817	5.804	ng	# 17
65) 4,6-Dinitro-2-methylphenol	16.25	198	966	7.537	ng	# 1
67) 4-Bromophenyl-phenylether	16.25	248	20765	4.351	ng	# 1
71) Phenanthrene	17.55	178	50030	2.425	ng	98
72) Anthracene	17.55	178	50030	2.412	ng	98
77) Benzidine	20.11	184	37912	3.840	ng	# 93

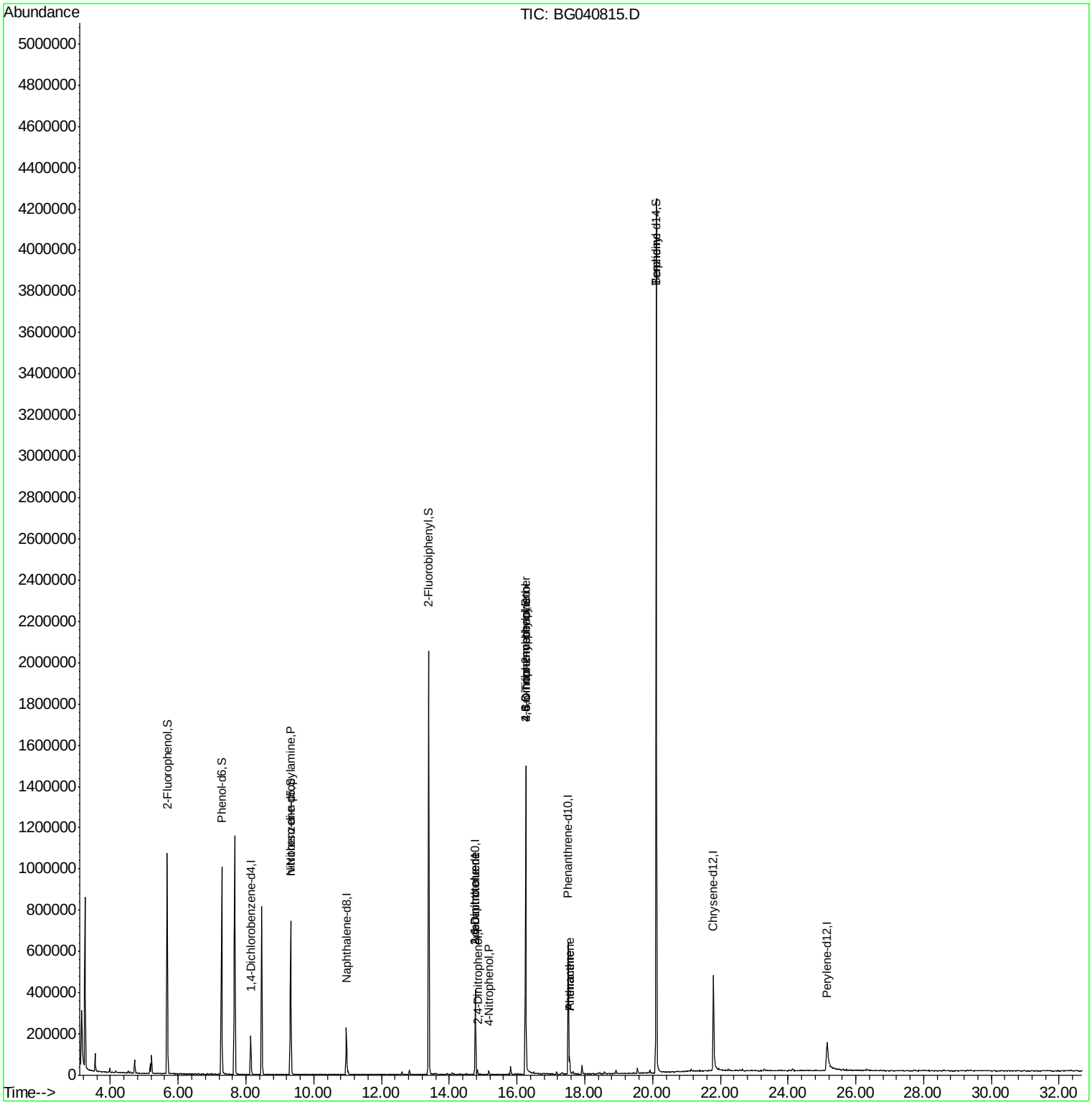
(#) = qualifier out of range (m) = manual integration (+) = signals summed

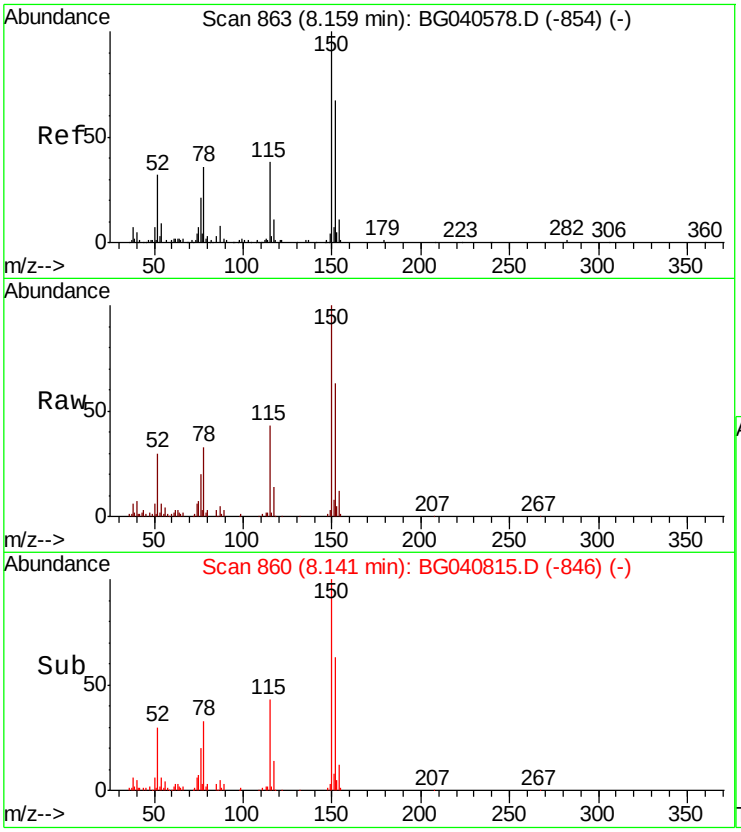
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
Data File : BG040815.D
Acq On : 9 May 2019 10:14
Operator : HP/JU
Sample : K2645-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 09 11:27:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration



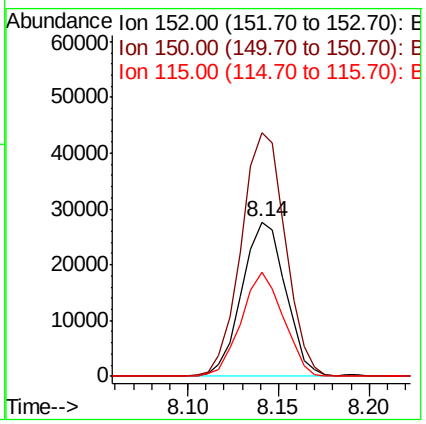


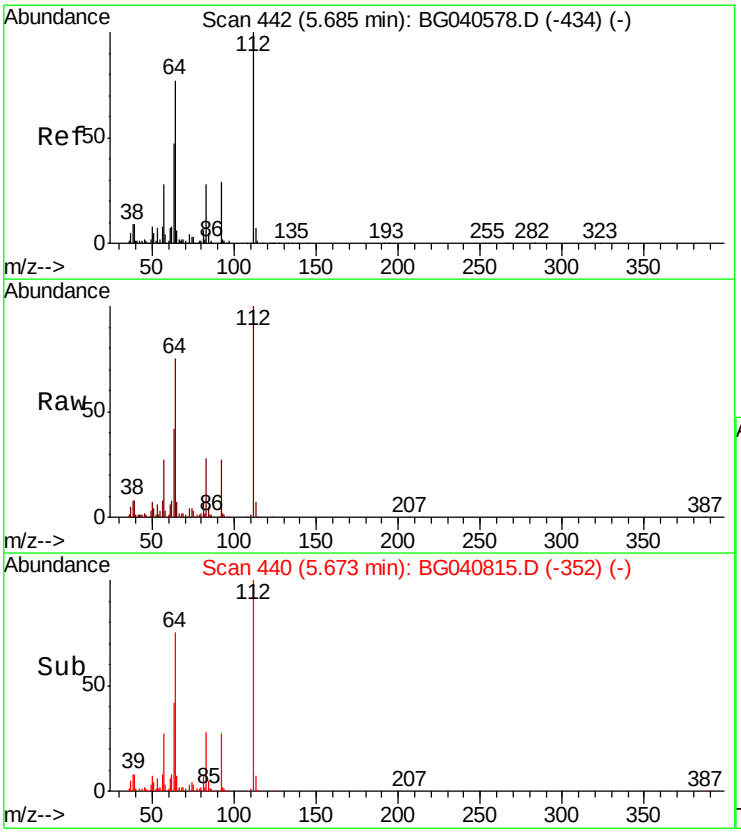
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040815.D
Acq: 9 May 2019 10:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 46446

Ion	Ratio	Lower	Upper
152	100		
150	157.6	120.2	180.2
115	67.7	46.2	69.2

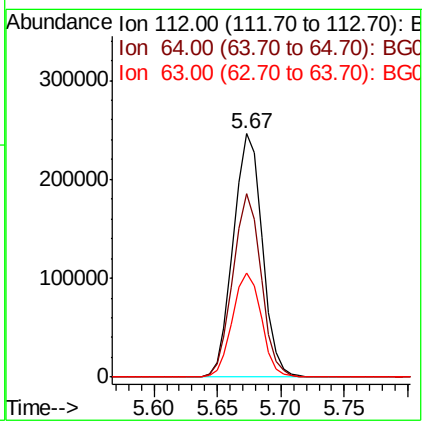


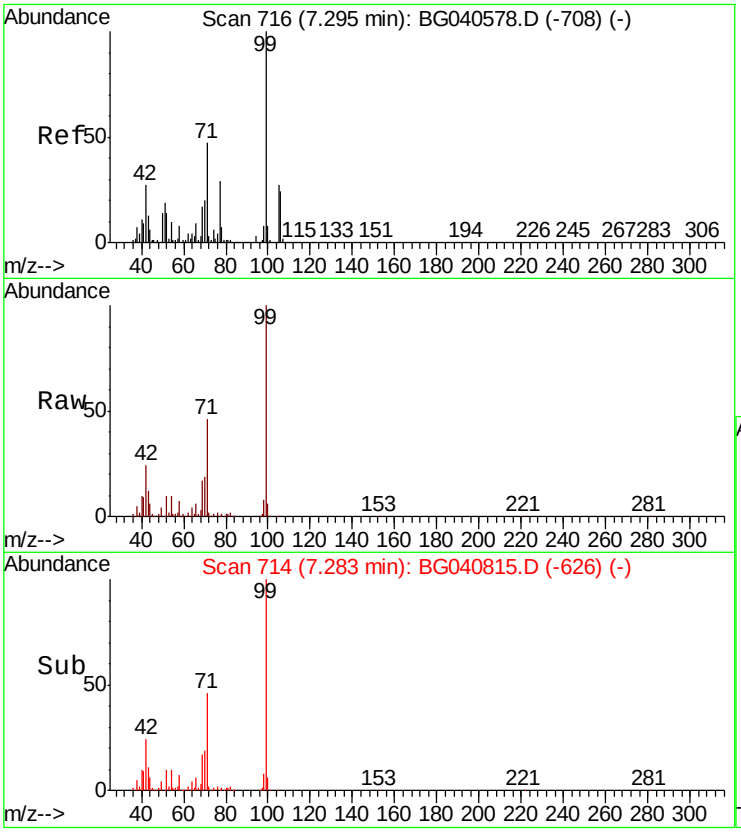


#5
2-Fluorophenol
Concen: 147.959 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040815.D
Acq: 9 May 2019 10:14

Tgt Ion:112 Resp: 389847

Ion	Ratio	Lower	Upper
112	100		
64	75.4	61.4	92.0
63	42.5	37.8	56.6



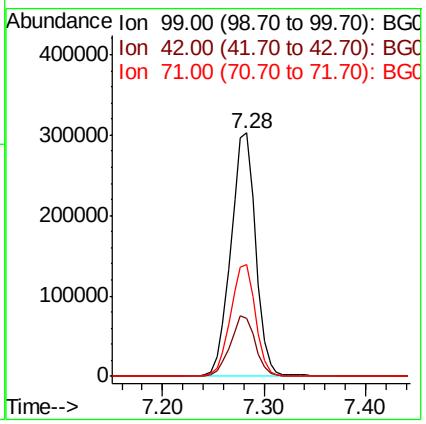


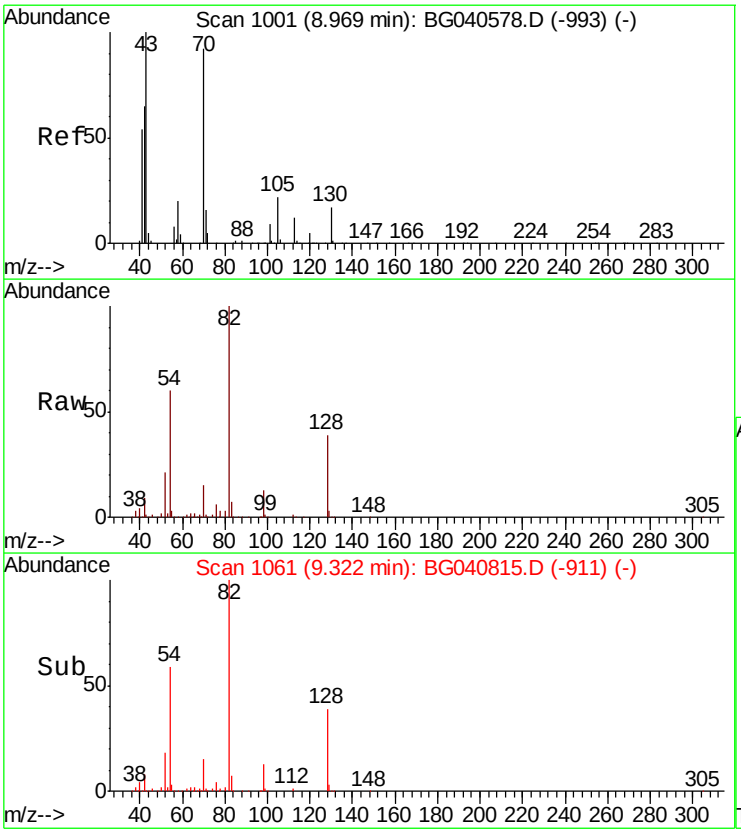
#7
Phenol-d6
Concen: 126.931 ng
RT: 7.28 min Scan# 714
Delta R.T. -0.01 min
Lab File: BG040815.D
Acq: 9 May 2019 10:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 514947

Ion	Ratio	Lower	Upper
99	100		
42	23.8	21.8	32.8
71	46.2	38.6	57.8

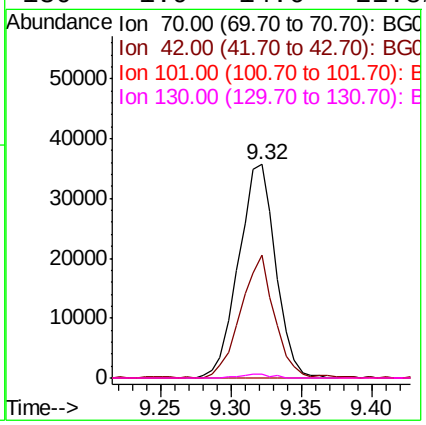


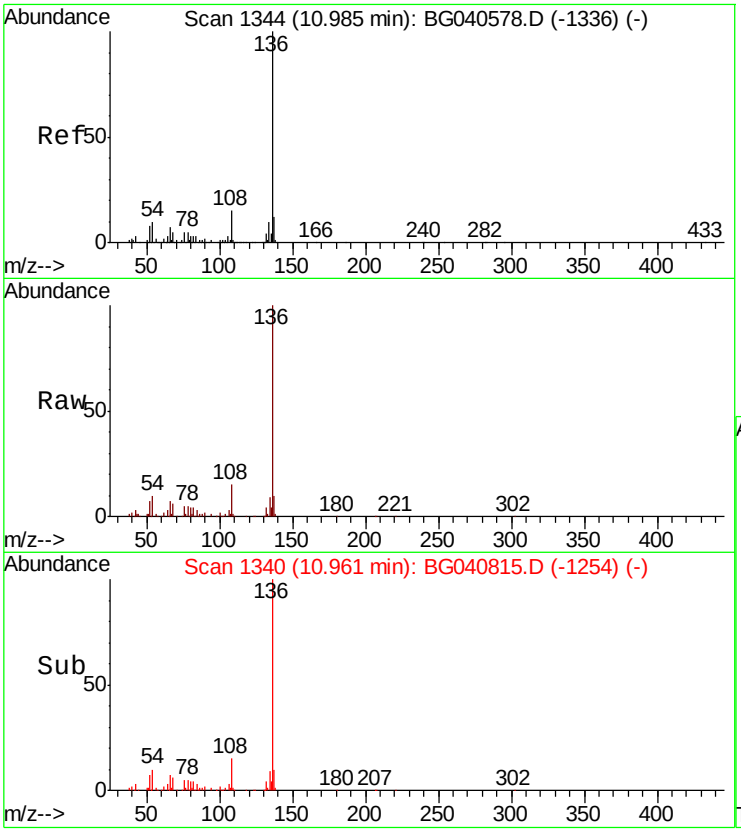


#19
n-Nitroso-di-n-propylamine
Concen: 17.938 ng
RT: 9.32 min Scan# 1061
Delta R.T. 0.35 min
Lab File: BG040815.D
Acq: 9 May 2019 10:14

Tgt Ion: 70 Resp: 65510

Ion	Ratio	Lower	Upper
70	100		
42	57.5	57.1	85.7
101	0.0	7.8	11.8#
130	1.9	14.6	21.8#



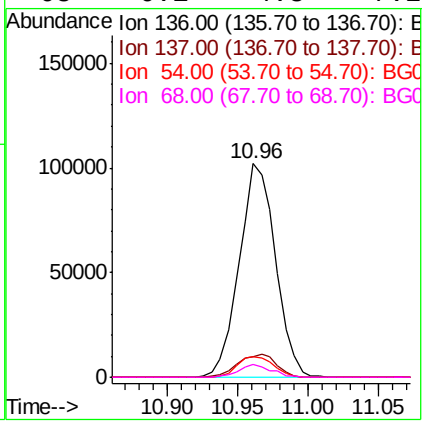


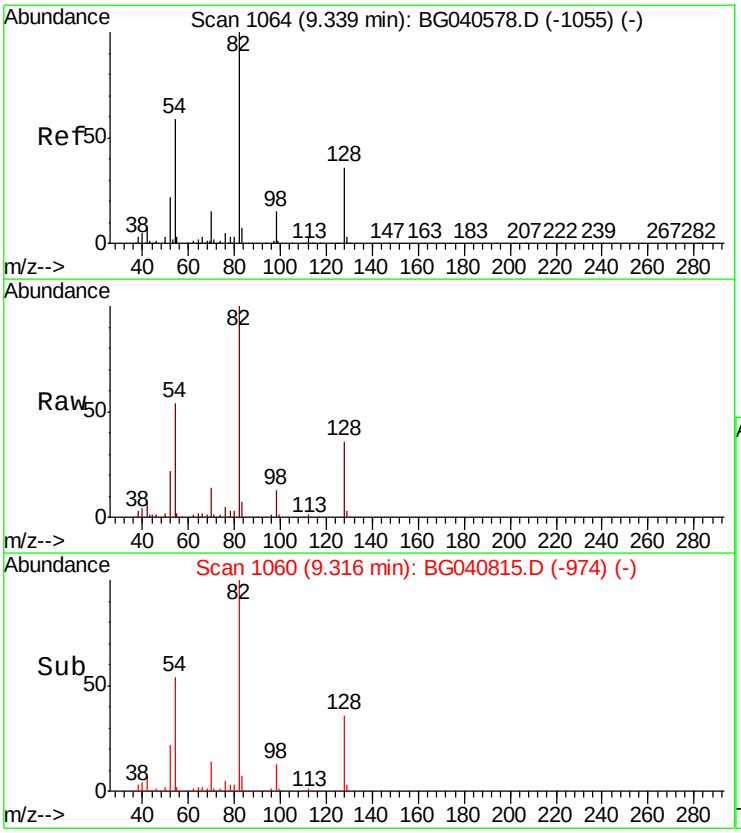
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BG040815.D
Acq: 9 May 2019 10:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 183476

Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.7	14.5
54	9.8	8.6	12.8
68	6.1	4.8	7.2

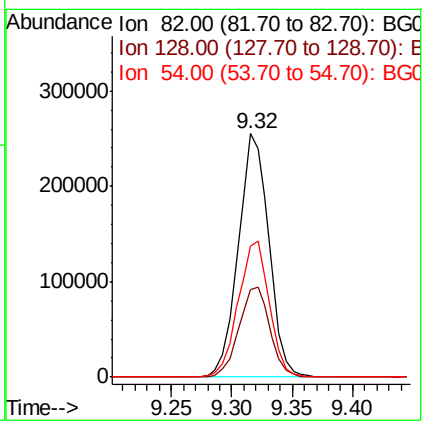


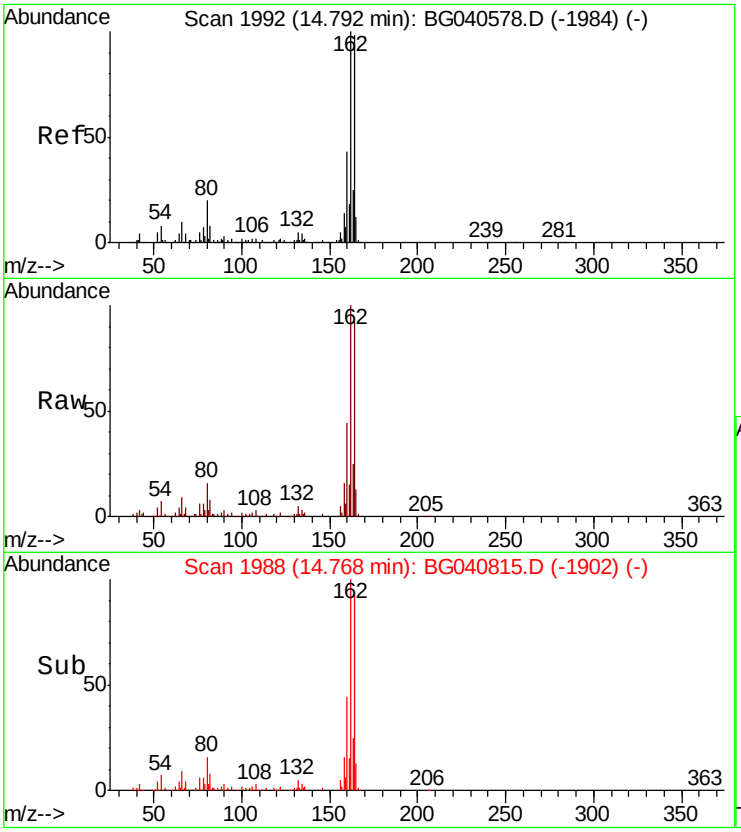


#23
Nitrobenzene-d5
Concen: 113.527 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BG040815.D
Acq: 9 May 2019 10:14

Tgt Ion: 82 Resp: 450792

Ion	Ratio	Lower	Upper
82	100		
128	35.7	28.9	43.3
54	53.8	47.2	70.8



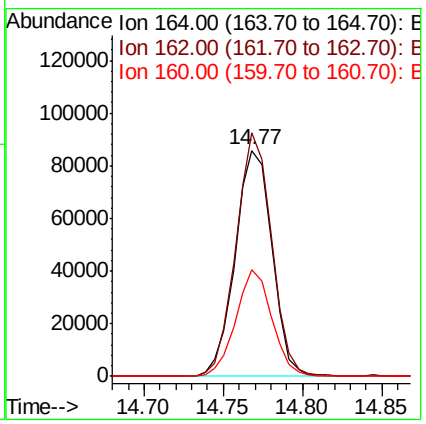


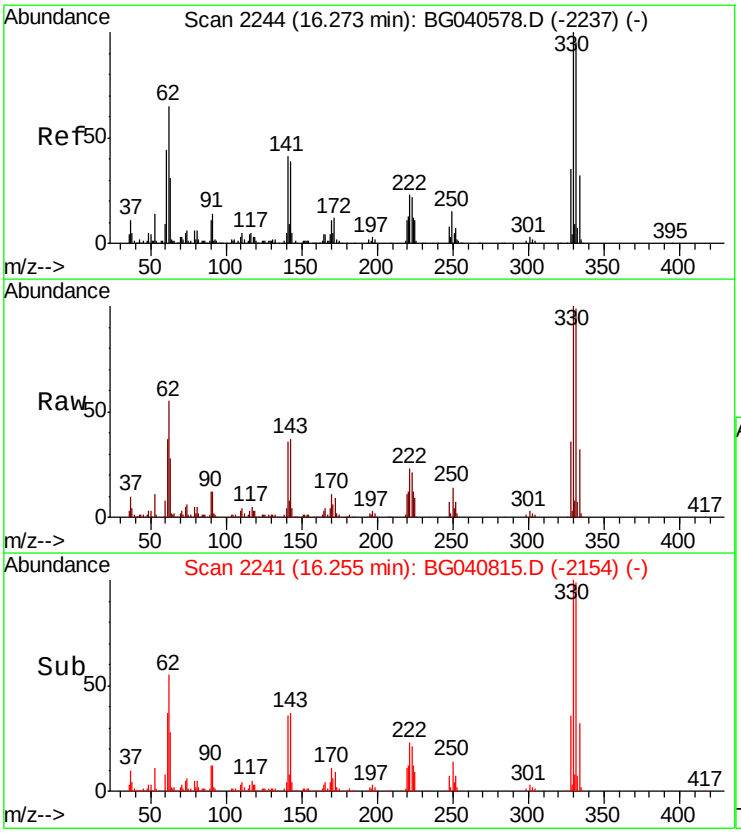
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040815.D
Acq: 9 May 2019 10:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 138350

Ion	Ratio	Lower	Upper
164	100		
162	107.6	81.9	122.9
160	47.2	35.4	53.2

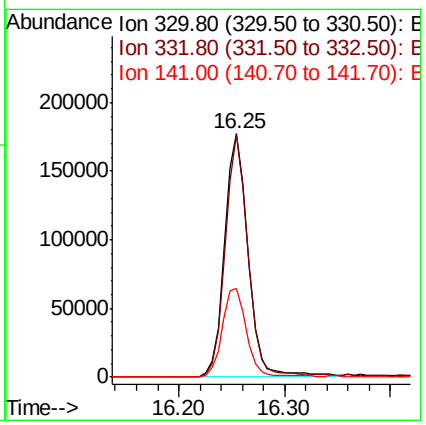


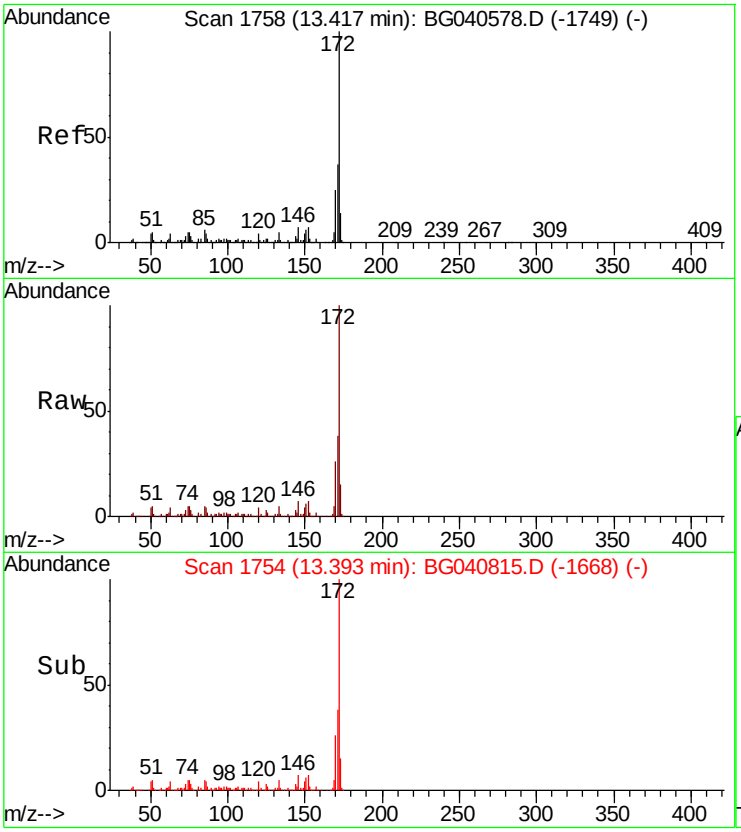


#42
2,4,6-Tribromophenol
Concen: 143.504 ng
RT: 16.25 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BG040815.D
Acq: 9 May 2019 10:14

Tgt Ion:330 Resp: 272895

Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.9	113.9
141	38.0	32.4	48.6



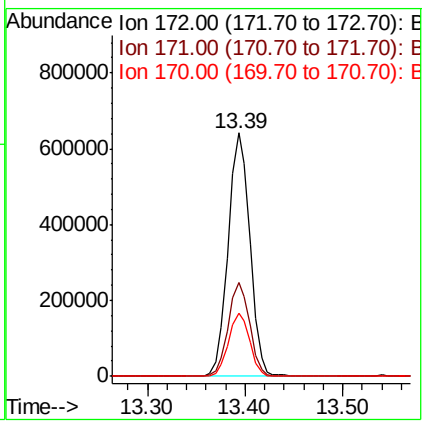


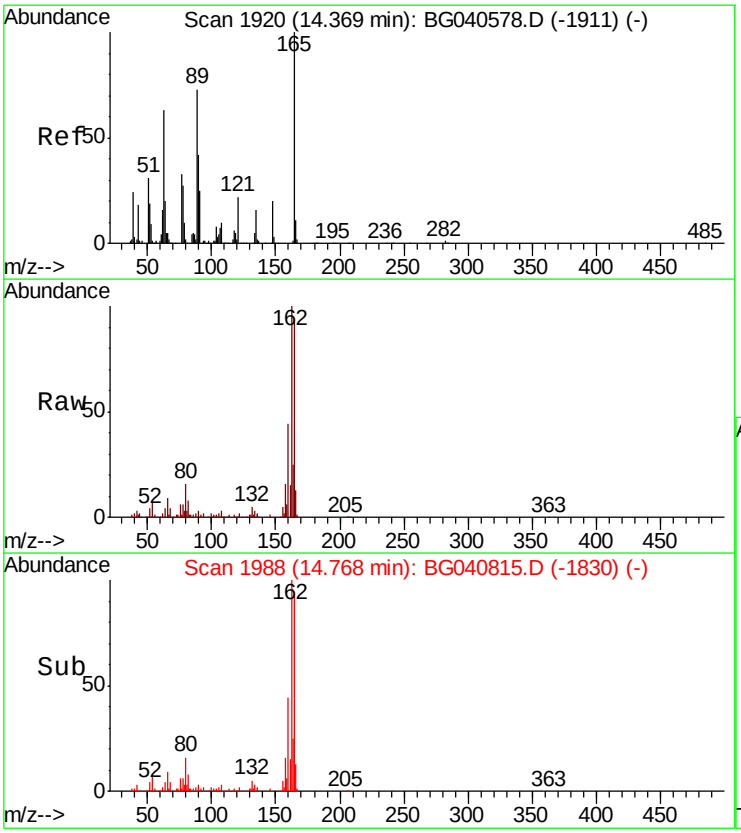
#45
2-Fluorobiphenyl
Concen: 103.604 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040815.D
Acq: 9 May 2019 10:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 992499

Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.4	44.2
170	26.2	19.9	29.9

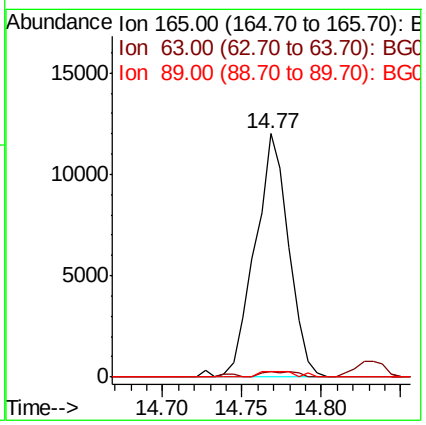


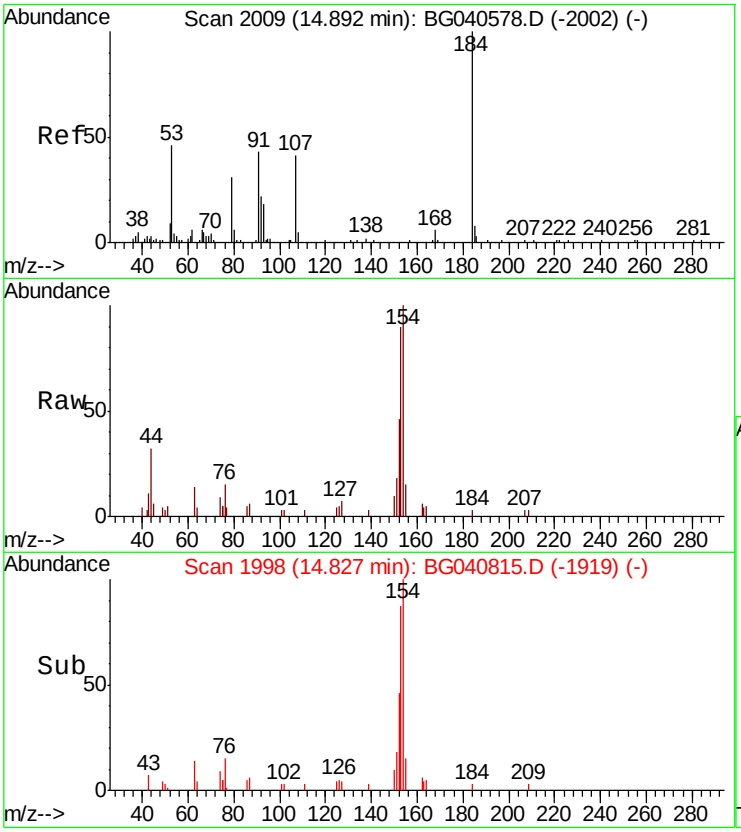


#51
2,6-Dinitrotoluene
Concen: 7.887 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.40 min
Lab File: BG040815.D
Acq: 9 May 2019 10:14

Tgt Ion:165 Resp: 17817

Ion	Ratio	Lower	Upper
165	100		
63	2.3	61.0	91.4#
89	2.3	58.6	87.8#



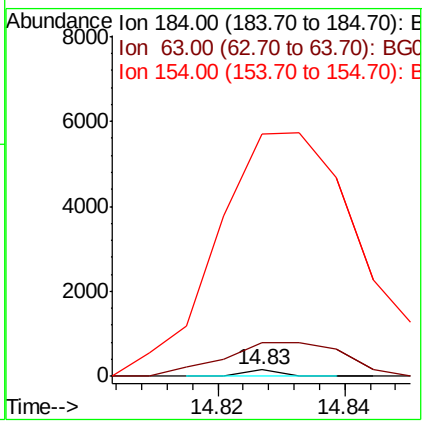


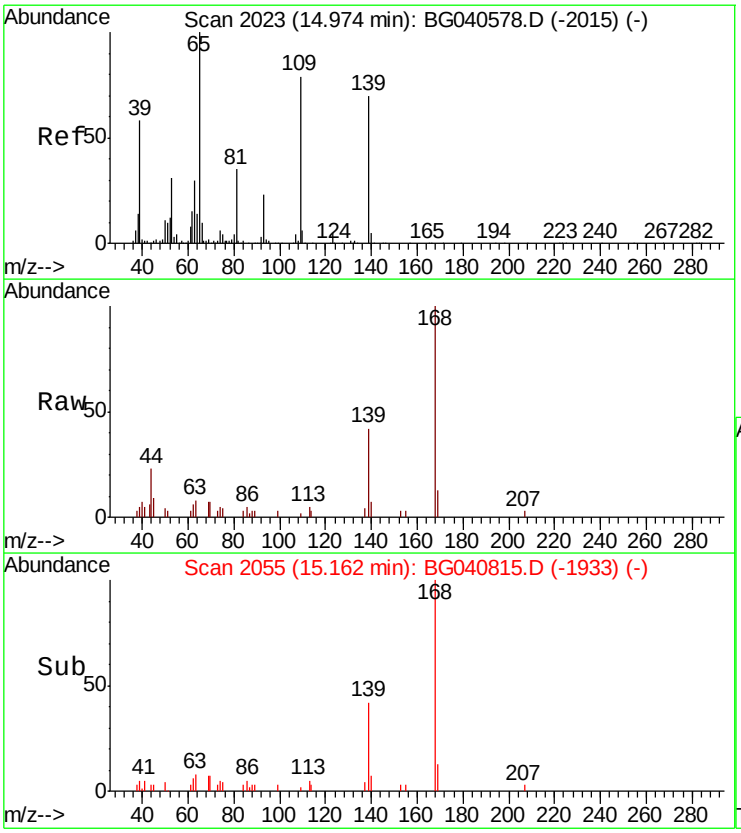
#54
2,4-Dinitrophenol
Concen: 7.053 ng
RT: 14.83 min Scan# 1998
Delta R.T. -0.06 min
Lab File: BG040815.D
Acq: 9 May 2019 10:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 53

Ion	Ratio	Lower	Upper
184	100		
63	520.5	51.8	77.6#
154	3782.1	43.6	65.4#

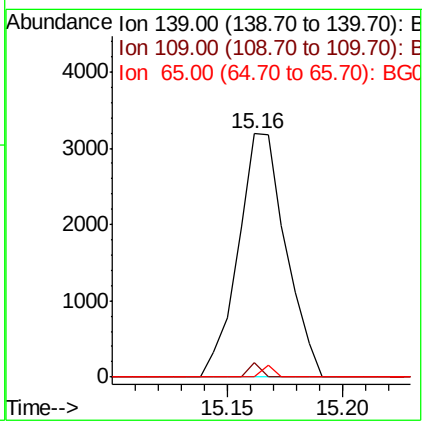


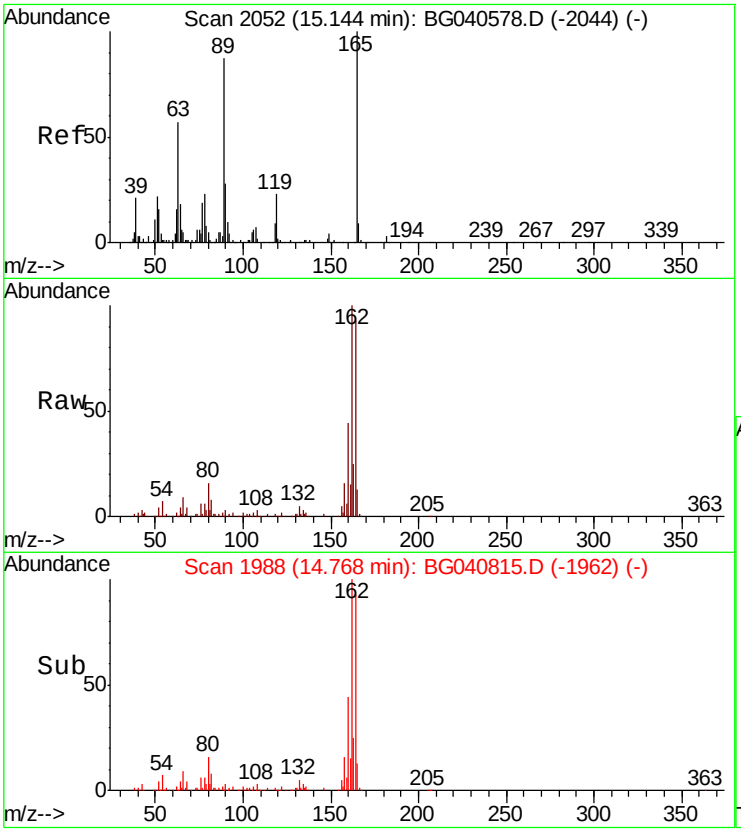


#56
4-Nitrophenol
Concen: 2.277 ng
RT: 15.16 min Scan# 2055
Delta R.T. 0.19 min
Lab File: BG040815.D
Acq: 9 May 2019 10:14

Tgt Ion:139 Resp: 4571

Ion	Ratio	Lower	Upper
139	100		
109	5.9	93.8	133.8#
65	0.0	122.7	162.7#



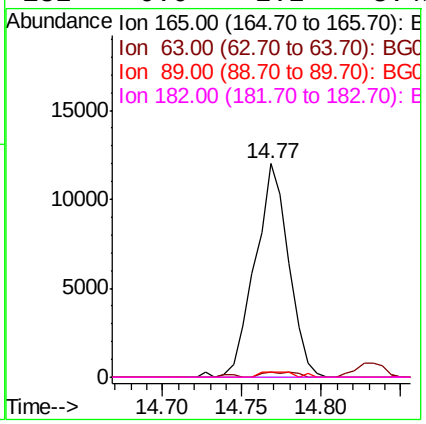


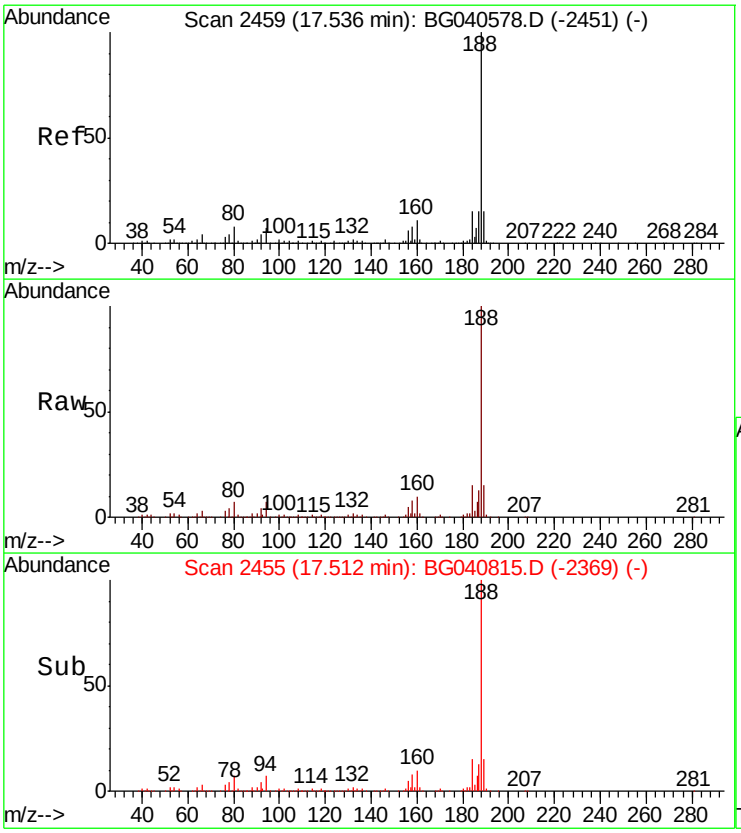
#57
2,4-Dinitrotoluene
Concen: 5.804 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.38 min
Lab File: BG040815.D
Acq: 9 May 2019 10:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 17817

Ion	Ratio	Lower	Upper
165	100		
63	2.3	45.8	68.8#
89	2.3	69.4	104.2#
182	0.0	2.2	3.4#

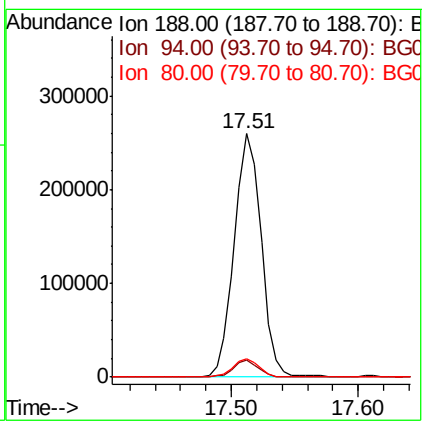


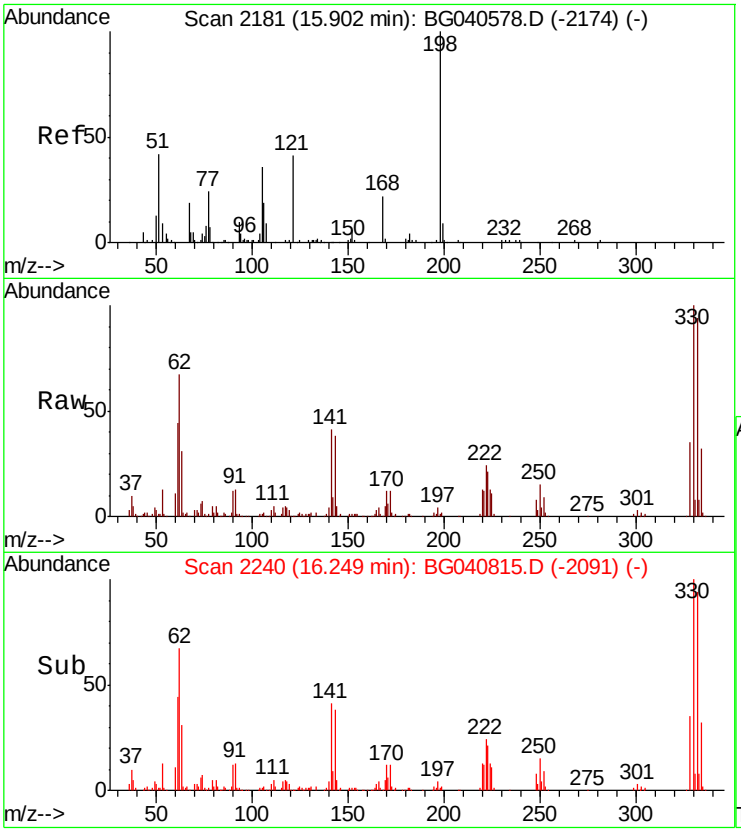


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040815.D
Acq: 9 May 2019 10:14

Tgt Ion:188 Resp: 383054

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.6	8.4
80	7.3	6.4	9.6



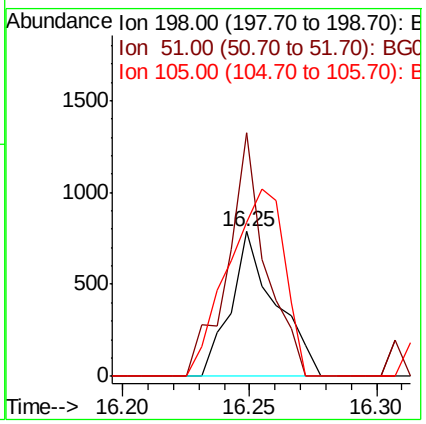


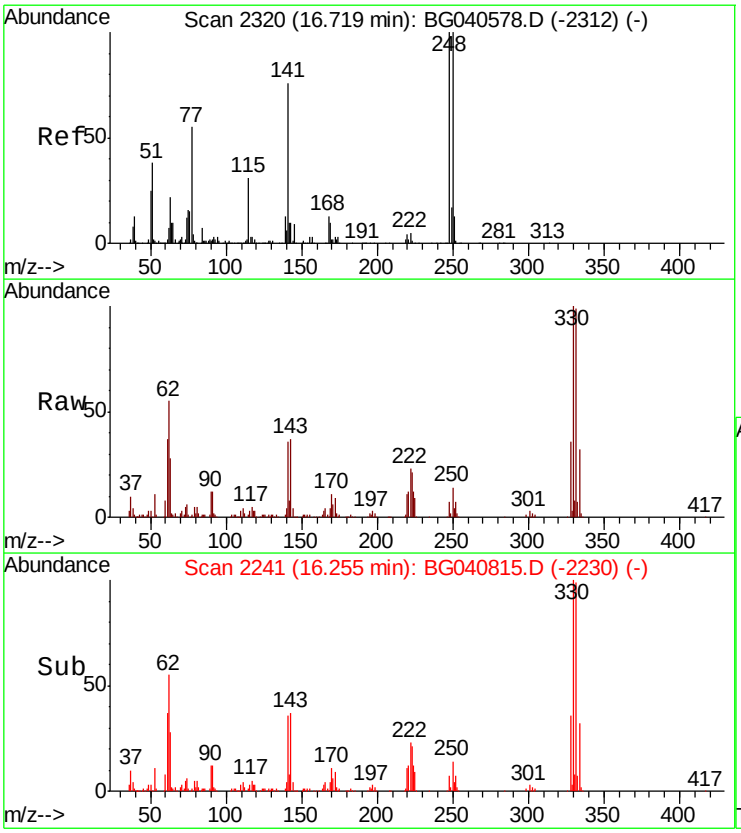
#65
4,6-Dinitro-2-methylphenol
Concen: 7.537 ng
RT: 16.25 min Scan# 2240
Delta R.T. 0.35 min
Lab File: BG040815.D
Acq: 9 May 2019 10:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 966

Ion	Ratio	Lower	Upper
198	100		
51	168.0	35.9	75.9#
105	106.1	21.2	61.2#

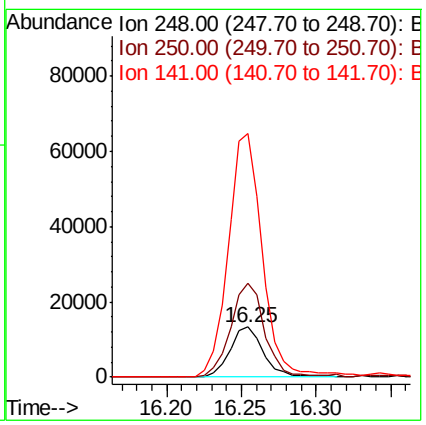


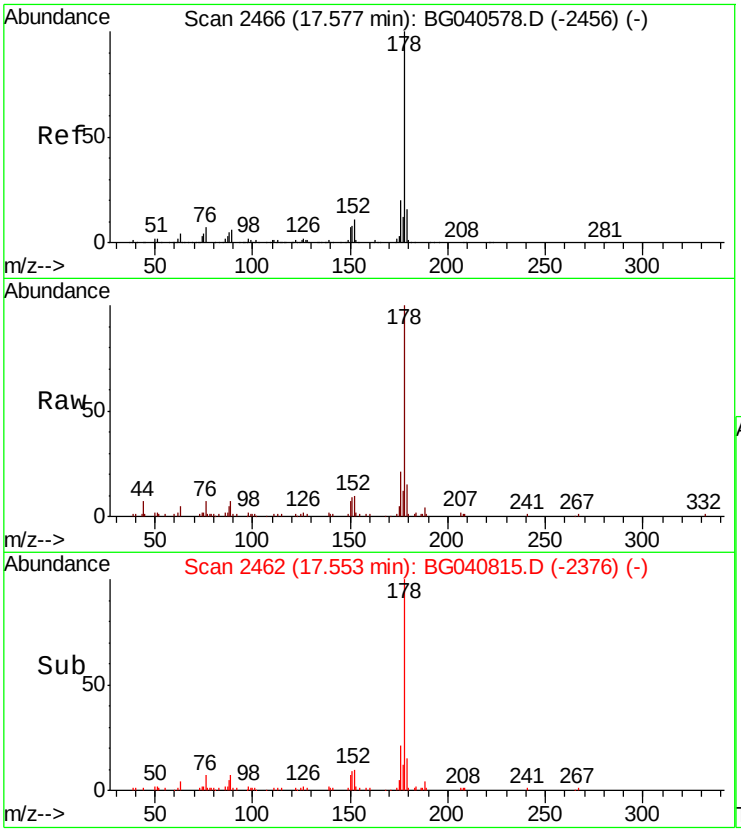


#67
4-Bromophenyl-phenylether
Concen: 4.351 ng
RT: 16.25 min Scan# 2241
Delta R.T. -0.46 min
Lab File: BG040815.D
Acq: 9 May 2019 10:14

Tgt Ion:248 Resp: 20765

Ion	Ratio	Lower	Upper
248	100		
250	189.2	79.8	119.6#
141	488.4	60.8	91.2#



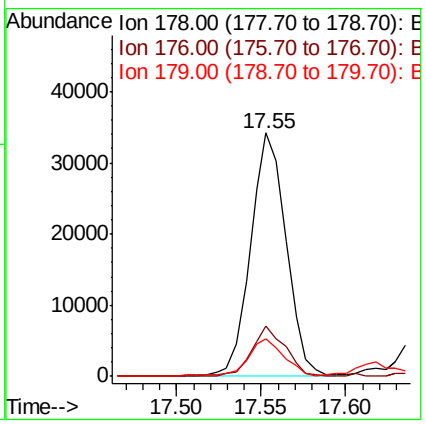


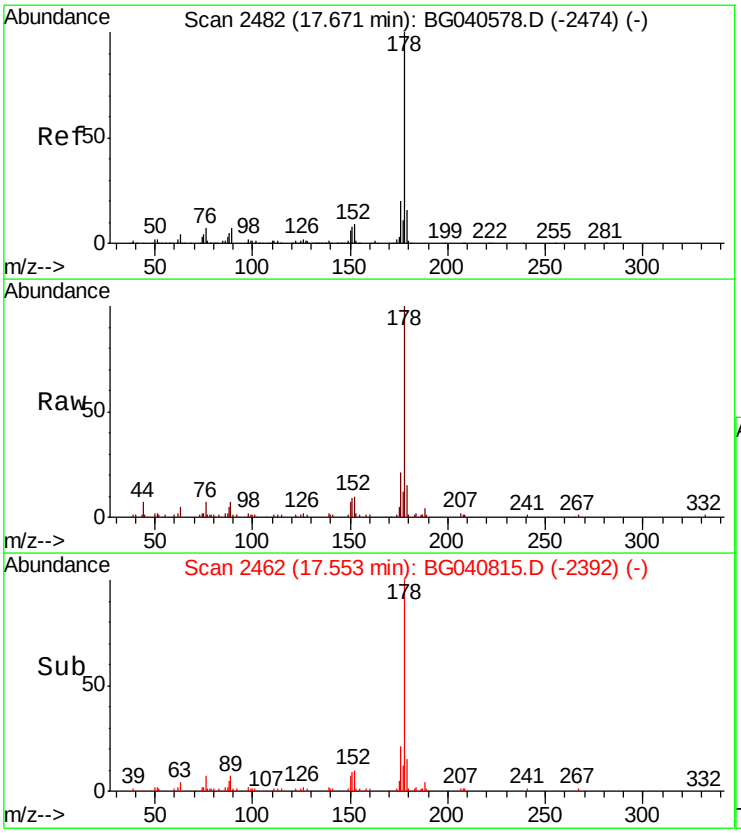
#71
Phenanthrene
Concen: 2.425 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.02 min
Lab File: BG040815.D
Acq: 9 May 2019 10:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 50030

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.8	23.6
179	15.2	12.6	18.8

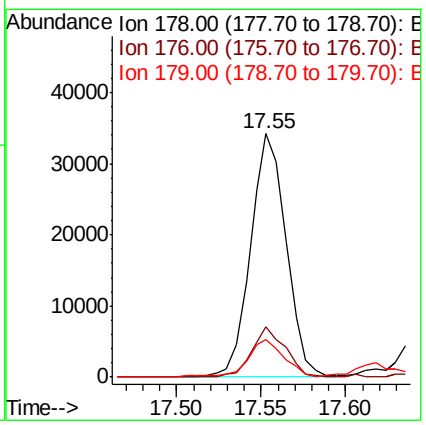


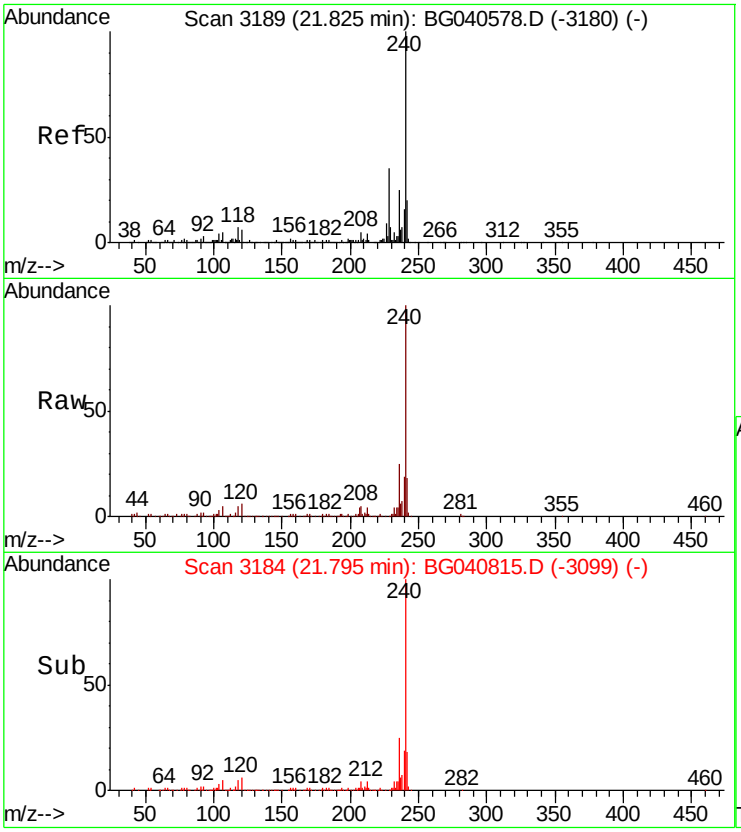


#72
Anthracene
Concen: 2.412 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.12 min
Lab File: BG040815.D
Acq: 9 May 2019 10:14

Tgt Ion:178 Resp: 50030

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.6	23.4
179	15.2	12.9	19.3



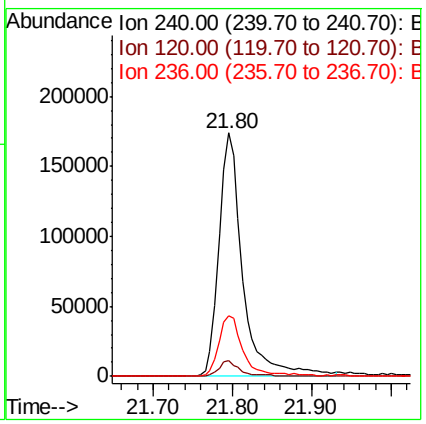


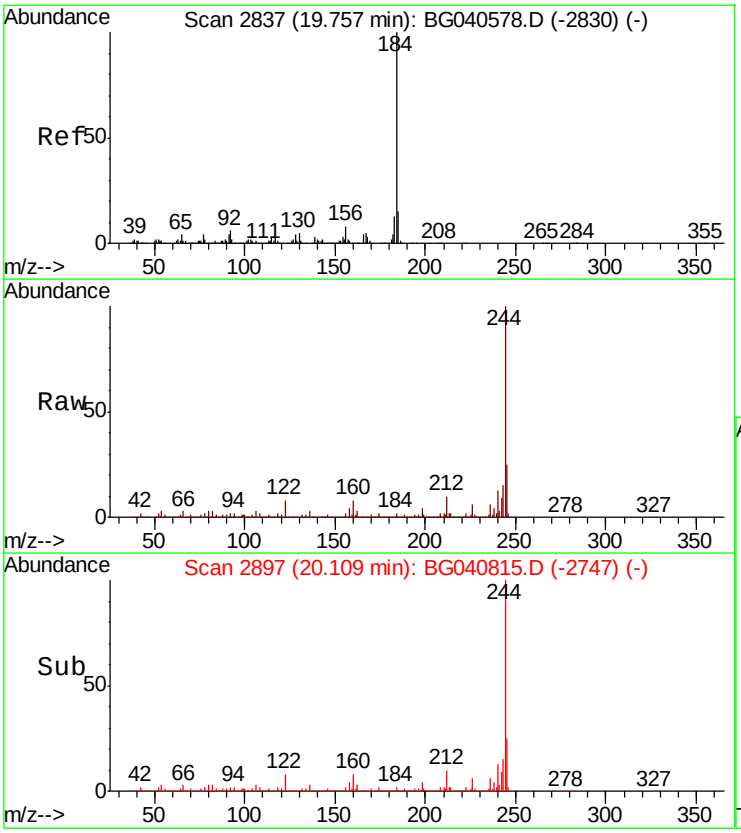
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3184
Delta R.T. -0.03 min
Lab File: BG040815.D
Acq: 9 May 2019 10:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 360547

Ion	Ratio	Lower	Upper
240	100		
120	6.3	5.0	7.6
236	25.1	20.3	30.5

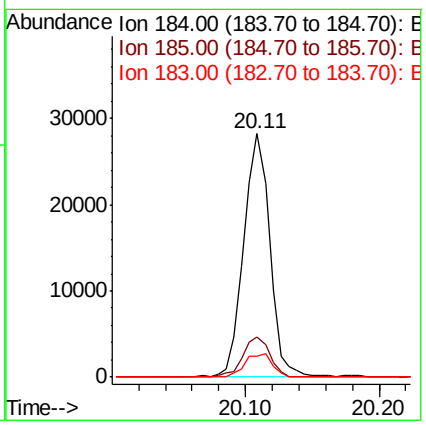


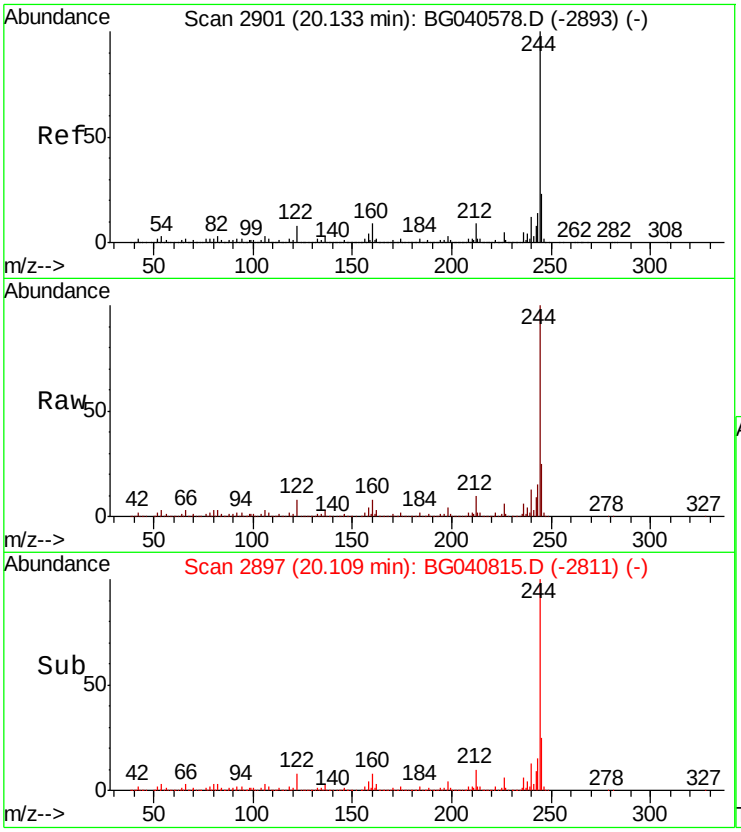


#77
Benzidine
Concen: 3.840 ng
RT: 20.11 min Scan# 2897
Delta R.T. 0.35 min
Lab File: BG040815.D
Acq: 9 May 2019 10:14

Tgt Ion:184 Resp: 37912

Ion	Ratio	Lower	Upper
184	100		
185	16.5	11.8	17.8
183	8.5	10.2	15.2#



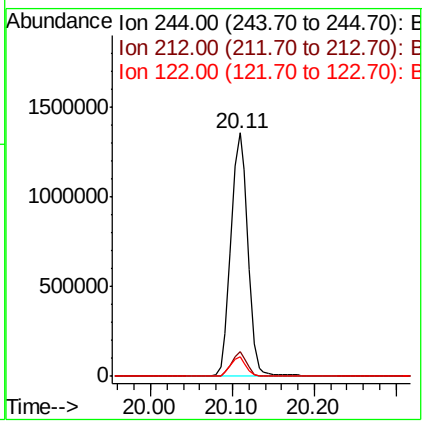


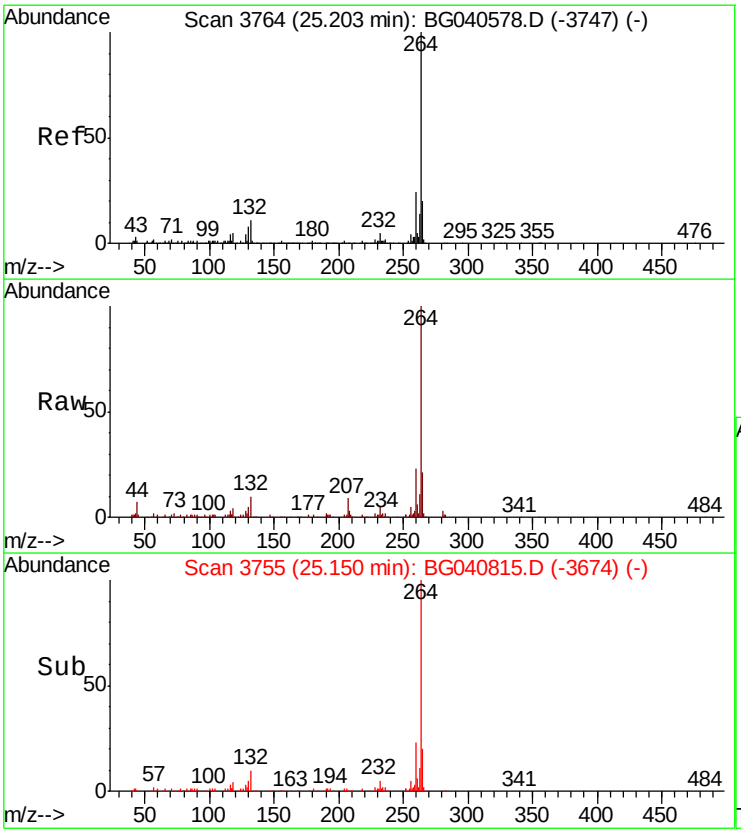
#79
Terphenyl-d14
Concen: 121.203 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040815.D
Acq: 9 May 2019 10:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1972504

Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.2	10.8
122	8.2	6.6	10.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3755
Delta R.T. -0.05 min
Lab File: BG040815.D
Acq: 9 May 2019 10:14

Tgt Ion:264 Resp: 232695

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	20.5	16.6	25.0