Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081719\
Data File : BG042314.D
Acq On : 18 Aug 2019 8:46
Operator : HP/JU
Sample : K4324-13
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T8-E1-(0-4)

Quant Time: Aug 19 06:00:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	62625	20.00	ng	-0.04
21) Naphthalene-d8	10.83	136	232740	20.00	ng	-0.04
39) Acenaphthene-d10	14.67	164	169053	20.00	ng	-0.04
64) Phenanthrene-d10	17.41	188	411877	20.00	ng	-0.04
76) Chrysene-d12	21.69	240	456755	20.00	ng	-0.04
87) Perylene-d12	24.94	264	525859	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	420628	130.68	ng	-0.03
7) Phenol-d6	7.17	99	523318	120.60	ng	-0.03
23) Nitrobenzene-d5	9.17	82	360384	106.56	ng	-0.04
42) 2,4,6-Tribromophenol	16.16	330	373562	194.54	ng	-0.03
45) 2-Fluorobiphenyl	13.28	172	1101437	114.91	ng	-0.04
79) Terphenyl-d14	20.03	244	2062983	103.35	ng	-0.04
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.18	70	44961	14.271	ng	# 63
50) Dimethylphthalate	14.12	163	29458	2.551	ng	# 98
51) 2,6-Dinitrotoluene	14.67	165	21916	9.078	ng	# 26
57) 2,4-Dinitrotoluene	14.67	165	21916	6.601	ng	# 28
65) 4,6-Dinitro-2-methylphenol	16.16	198	767	7.178	ng	# 36
67) 4-Bromophenyl-phenylether	16.16	248	26375	5.199	ng	# 1
77) Benzidine	20.03	184	30258	2.030	ng	# 92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081719\
Data File : BG042314.D
Acq On : 18 Aug 2019 8:46
Operator : HP/JU
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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
T8-E1-(0-4)

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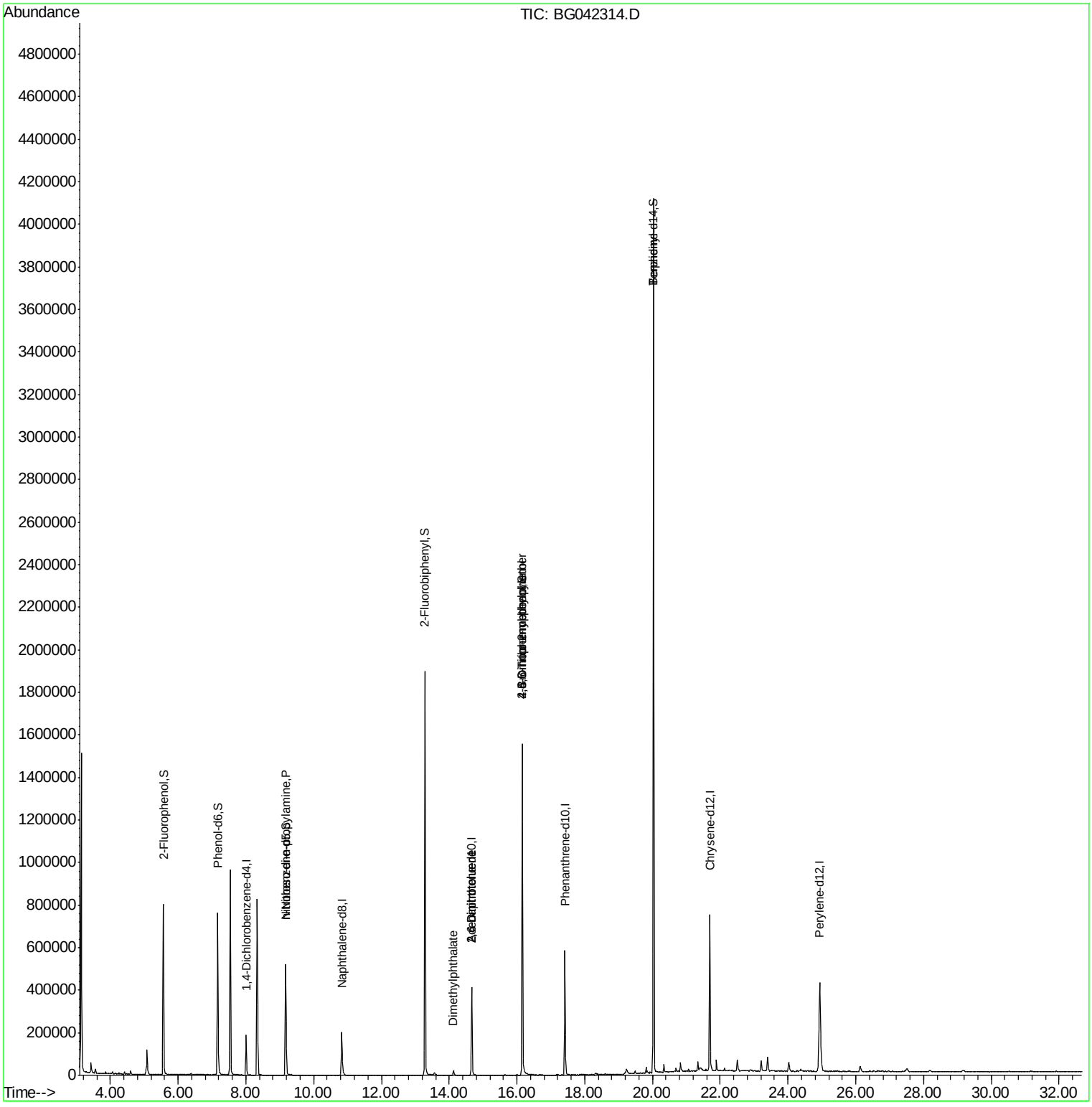
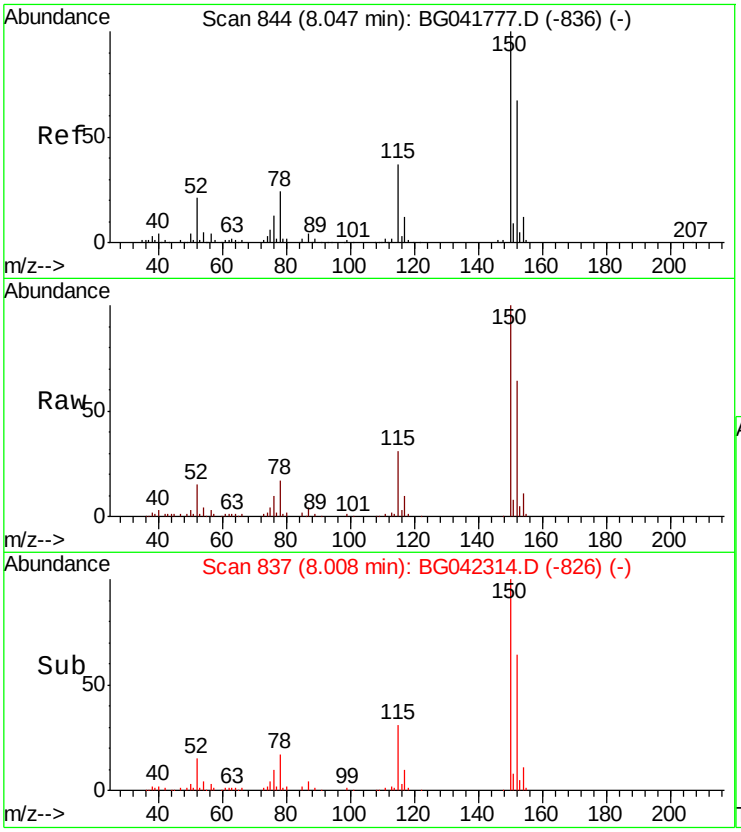


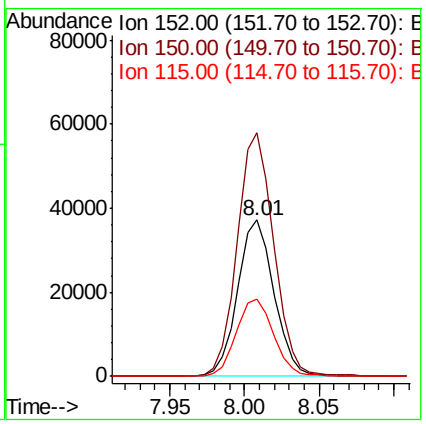


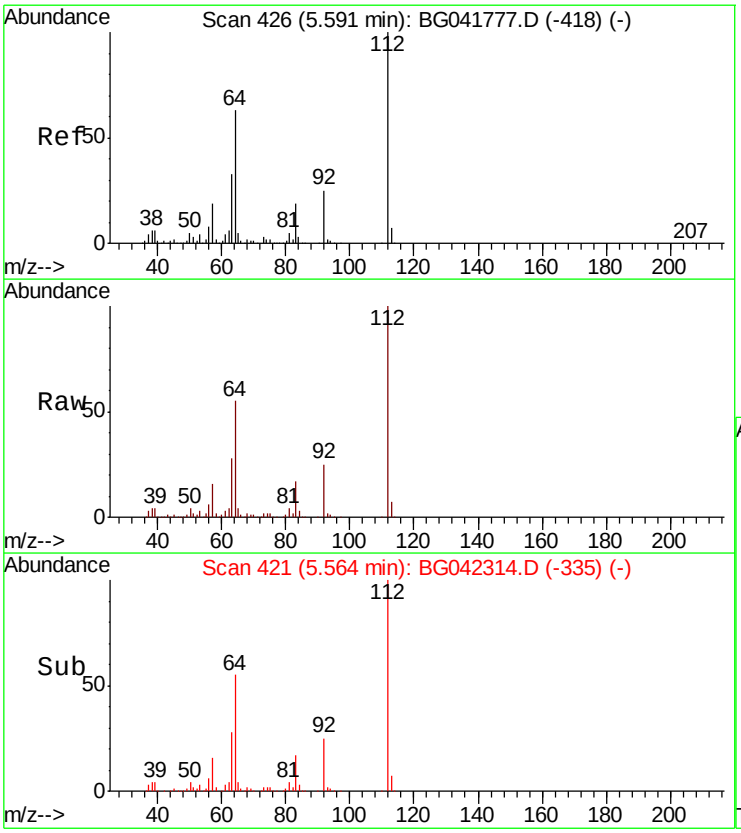
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.04 min
Lab File: BG042314.D
Acq: 18 Aug 2019 8:46

Instrument :
BNA_G
ClientSampleId :
T8-E1-(0-4)

Tgt Ion:152 Resp: 62625

Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.9	190.3
115	49.0	45.0	67.6

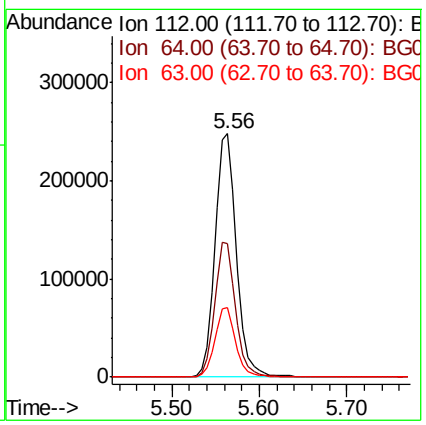


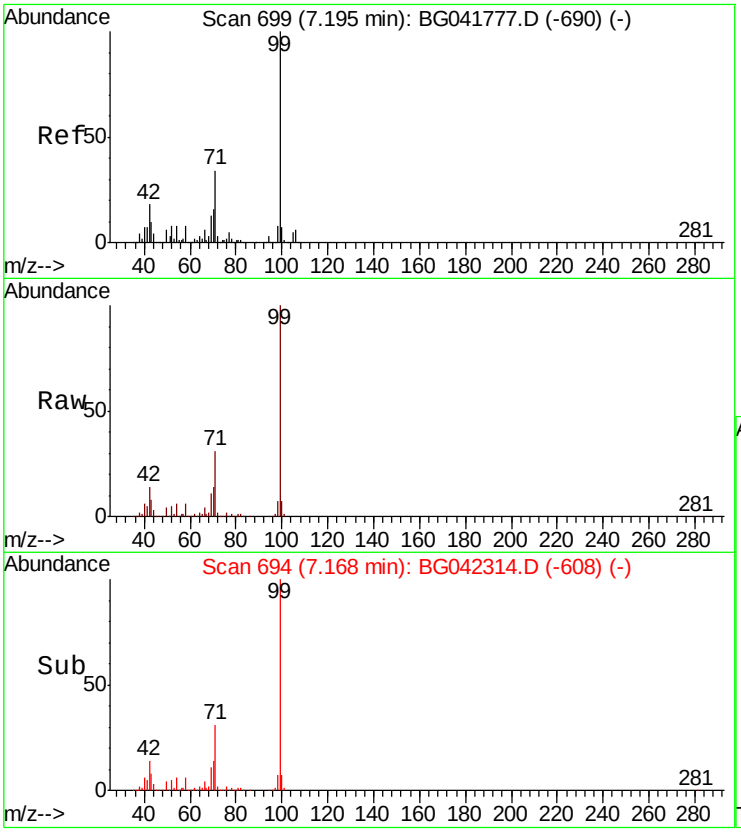


#5
2-Fluorophenol
Concen: 130.680 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.03 min
Lab File: BG042314.D
Acq: 18 Aug 2019 8:46

Tgt Ion:112 Resp: 420628

Ion	Ratio	Lower	Upper
112	100		
64	54.8	55.4	83.2#
63	28.4	29.1	43.7#



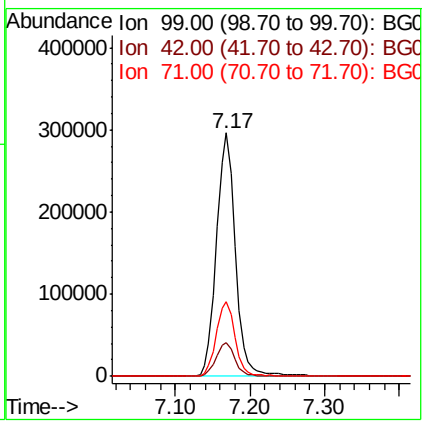


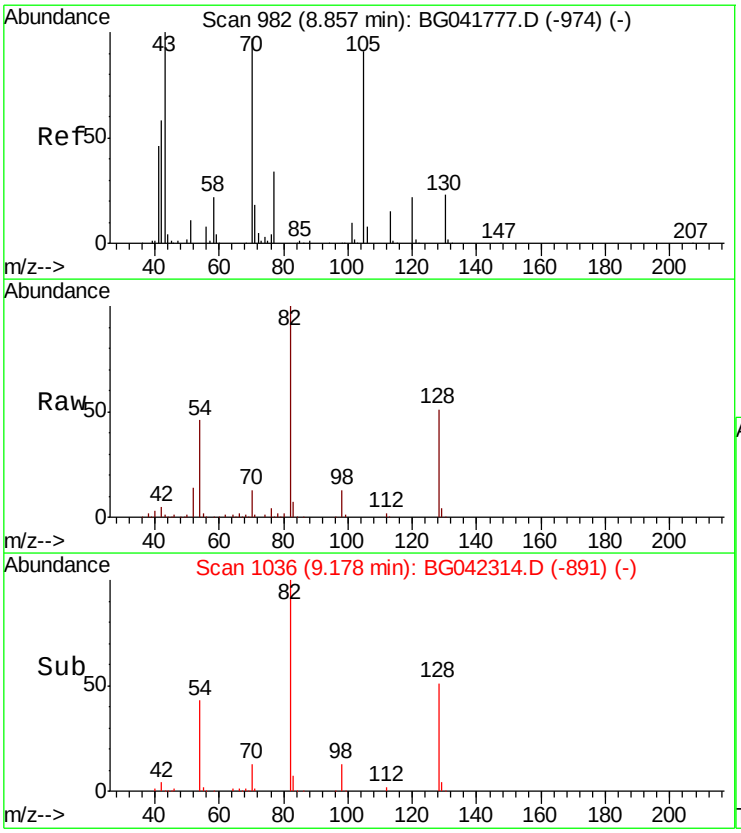
#7
Phenol-d6
Concen: 120.596 ng
RT: 7.17 min Scan# 694
Delta R.T. -0.03 min
Lab File: BG042314.D
Acq: 18 Aug 2019 8:46

Instrument :
BNA_G
ClientSampleId :
T8-E1-(0-4)

Tgt Ion: 99 Resp: 523318

Ion	Ratio	Lower	Upper
99	100		
42	13.7	17.6	26.4#
71	30.9	27.8	41.6

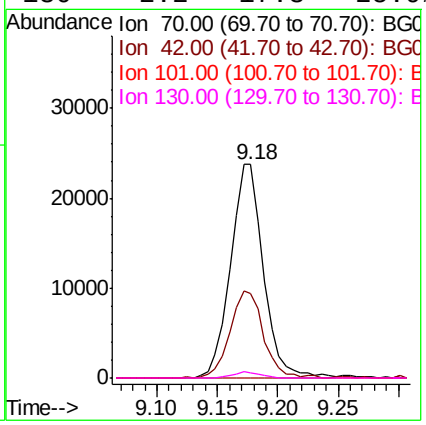


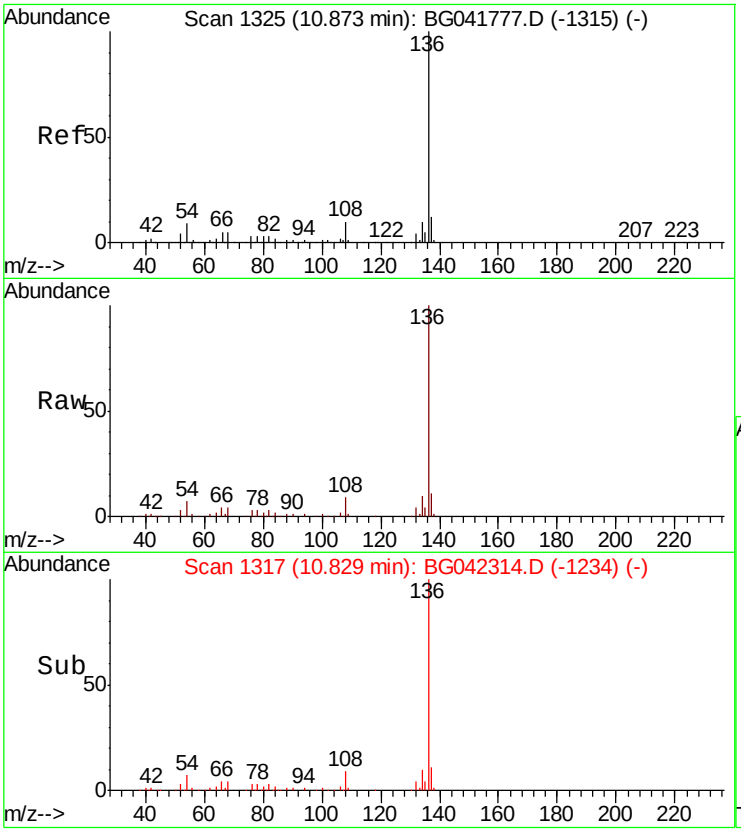


#19
n-Nitroso-di-n-propylamine
Concen: 14.271 ng
RT: 9.18 min Scan# 1036
Delta R.T. 0.32 min
Lab File: BG042314.D
Acq: 18 Aug 2019 8:46

Tgt Ion: 70 Resp: 44961

Ion	Ratio	Lower	Upper
70	100		
42	39.5	55.8	83.6#
101	0.0	8.1	12.1#
130	2.2	17.3	25.9#



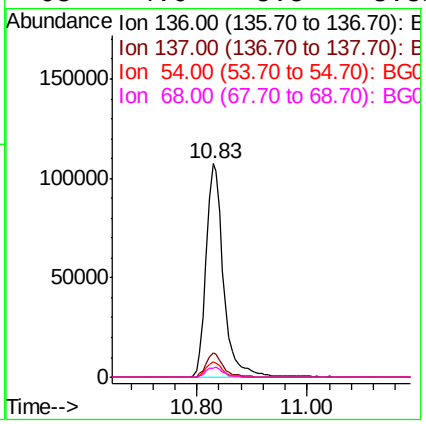


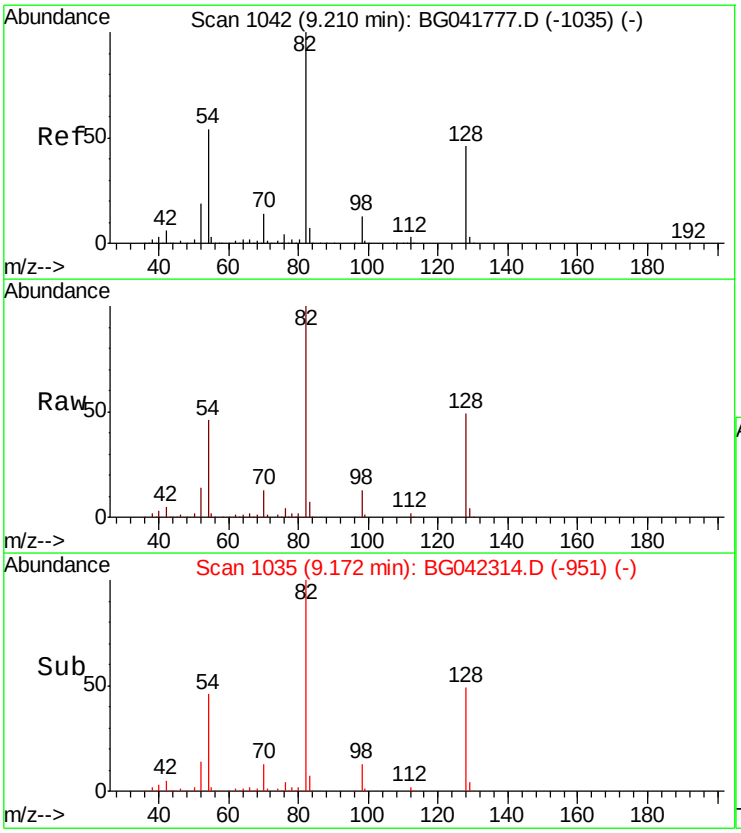
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.04 min
Lab File: BG042314.D
Acq: 18 Aug 2019 8:46

Instrument :
BNA_G
ClientSampleId :
T8-E1-(0-4)

Tgt Ion:136 Resp: 232740

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	7.0	8.7	13.1#
68	4.0	5.5	8.3#

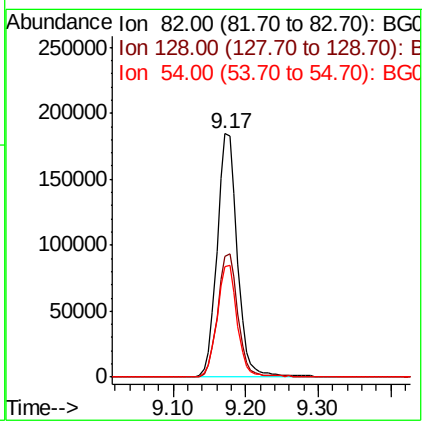


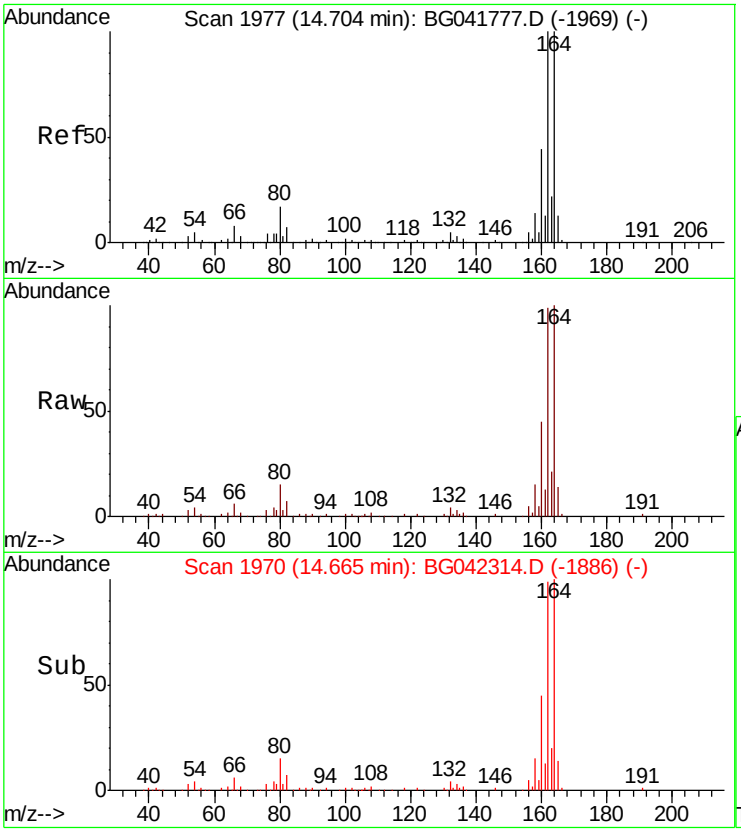


#23
Nitrobenzene-d5
Concen: 106.558 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.04 min
Lab File: BG042314.D
Acq: 18 Aug 2019 8:46

Tgt Ion: 82 Resp: 360384

Ion	Ratio	Lower	Upper
82	100		
128	49.4	35.1	52.7
54	45.5	48.7	73.1#



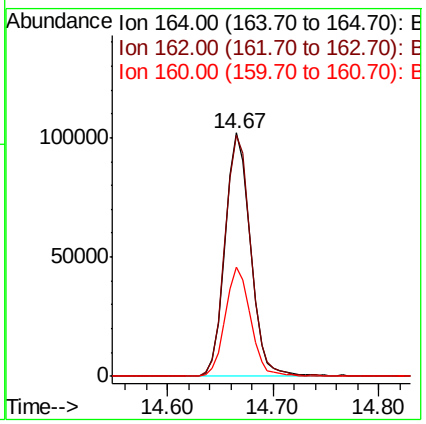


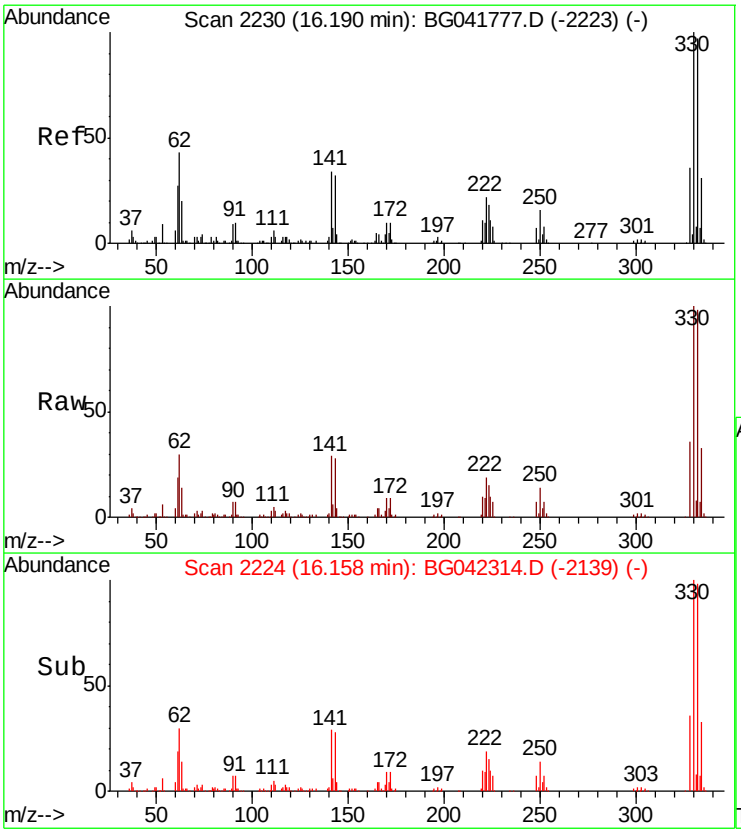
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.04 min
Lab File: BG042314.D
Acq: 18 Aug 2019 8:46

Instrument :
BNA_G
ClientSampleId :
T8-E1-(0-4)

Tgt Ion:164 Resp: 169053

Ion	Ratio	Lower	Upper
164	100		
162	98.9	79.6	119.4
160	44.6	35.4	53.0

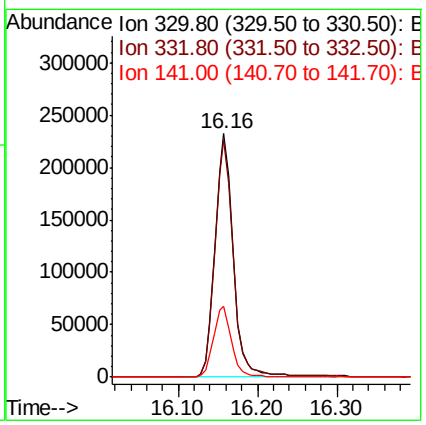


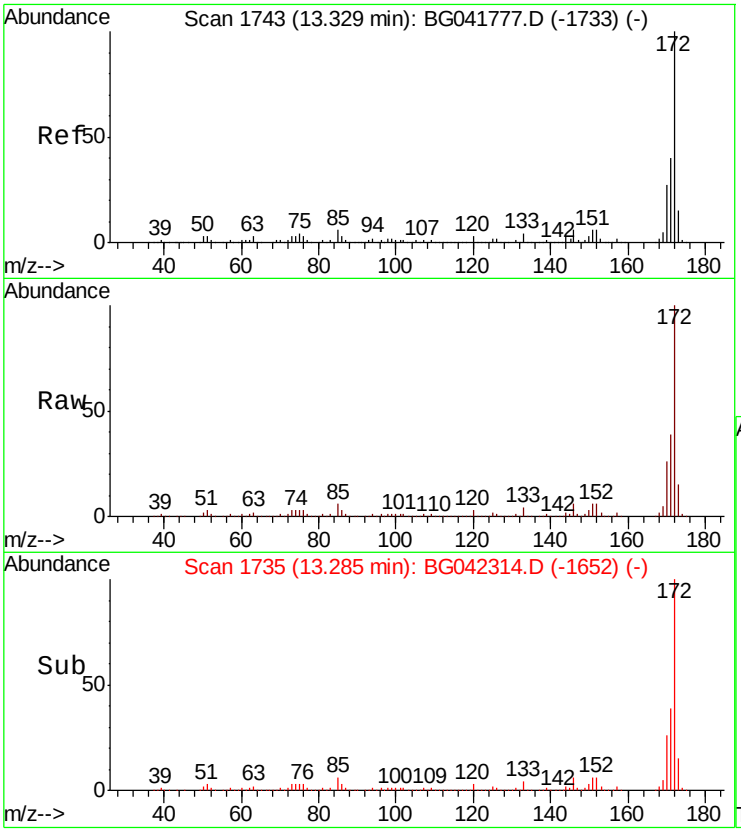


#42
2,4,6-Tribromophenol
Concen: 194.542 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.03 min
Lab File: BG042314.D
Acq: 18 Aug 2019 8:46

Tgt Ion:330 Resp: 373562

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.4	116.0
141	28.8	31.9	47.9#



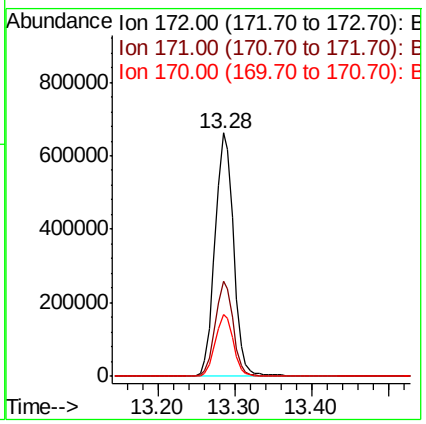


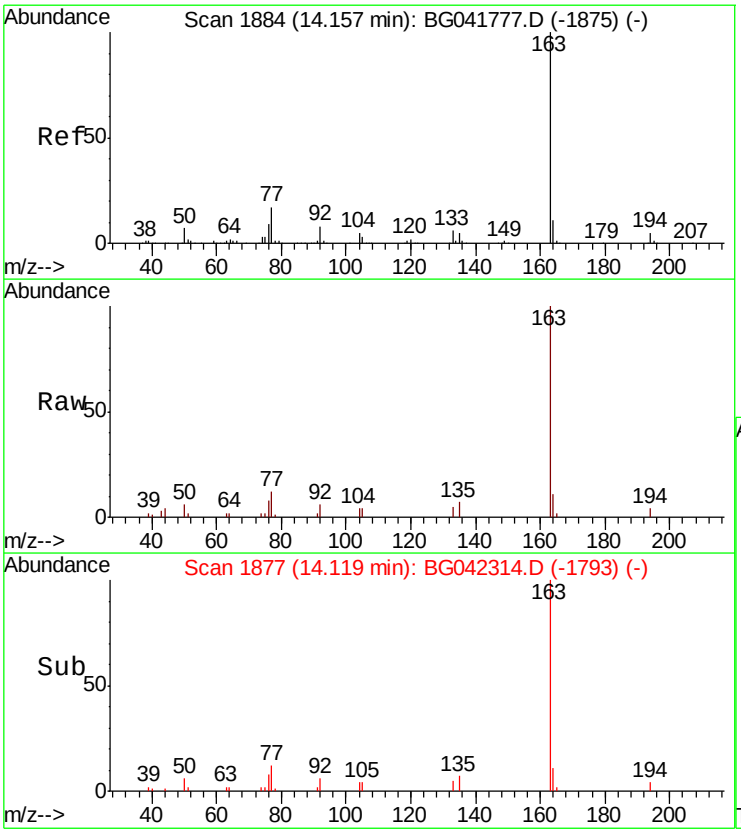
#45
2-Fluorobiphenyl
Concen: 114.912 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.04 min
Lab File: BG042314.D
Acq: 18 Aug 2019 8:46

Instrument :
BNA_G
ClientSampleId :
T8-E1-(0-4)

Tgt Ion:172 Resp: 1101437

Ion	Ratio	Lower	Upper
172	100		
171	39.3	35.0	52.4
170	25.5	23.5	35.3

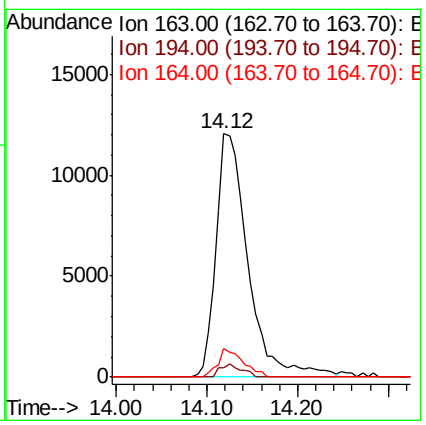


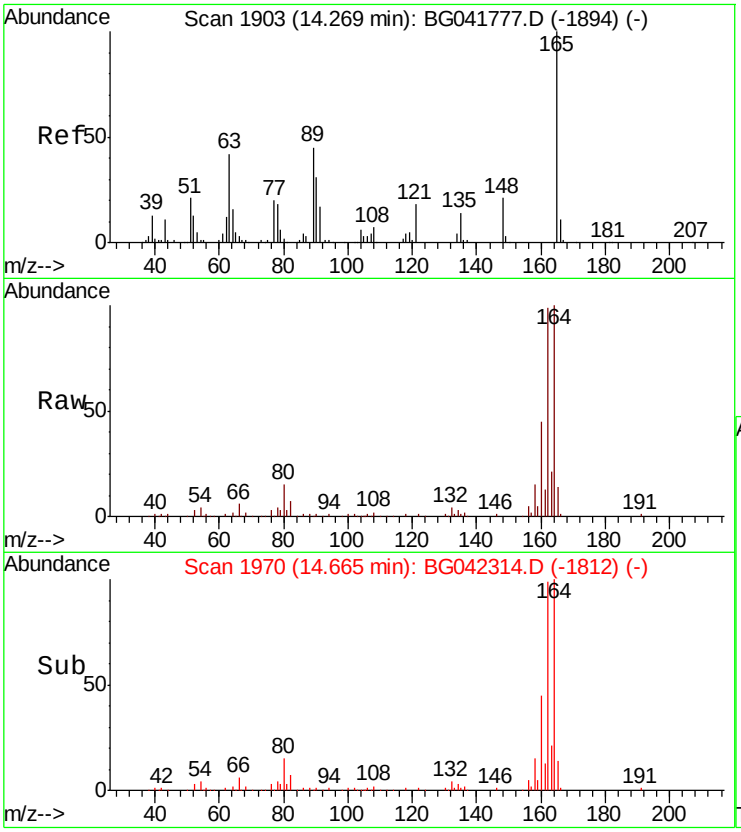


#50
Dimethylphthalate
Concen: 2.551 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.04 min
Lab File: BG042314.D
Acq: 18 Aug 2019 8:46

Tgt Ion:163 Resp: 29458

Ion	Ratio	Lower	Upper
163	100		
194	3.7	4.2	6.2#
164	11.5	9.4	14.2



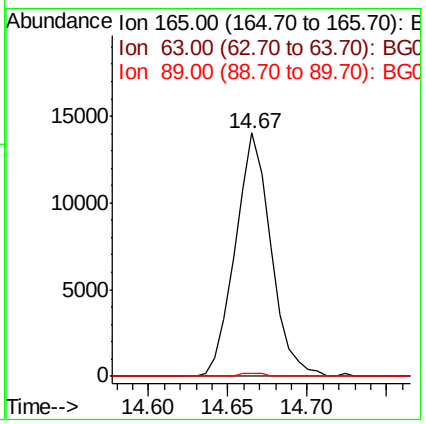


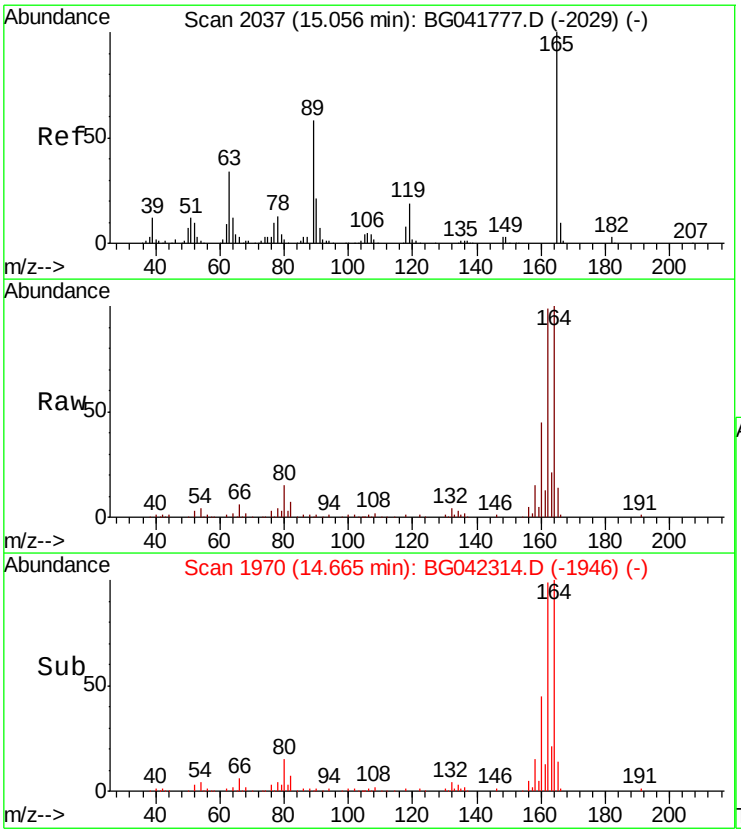
#51
2,6-Dinitrotoluene
Concen: 9.078 ng
RT: 14.67 min Scan# 1970
Delta R.T. 0.40 min
Lab File: BG042314.D
Acq: 18 Aug 2019 8:46

Instrument :
BNA_G
ClientSampleId :
T8-E1-(0-4)

Tgt Ion:165 Resp: 21916

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.4	63.6#
89	1.1	42.1	63.1#

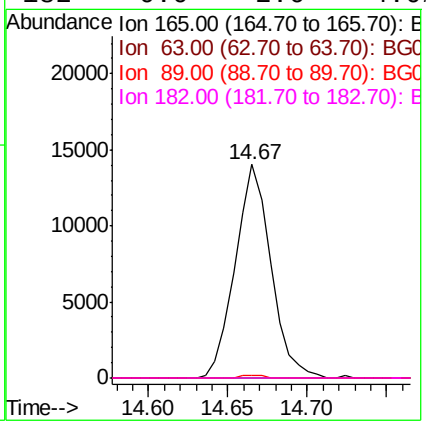


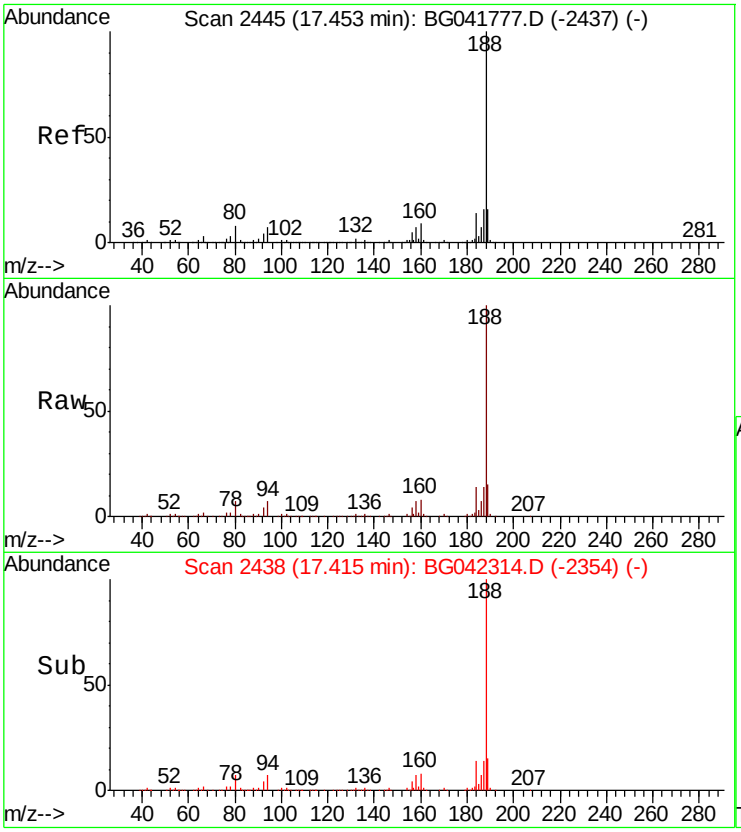


#57
2,4-Dinitrotoluene
Concen: 6.601 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.39 min
Lab File: BG042314.D
Acq: 18 Aug 2019 8:46

Tgt Ion:165 Resp: 21916

Ion	Ratio	Lower	Upper
165	100		
63	0.0	31.7	47.5#
89	1.1	50.2	75.4#
182	0.0	2.6	4.0#



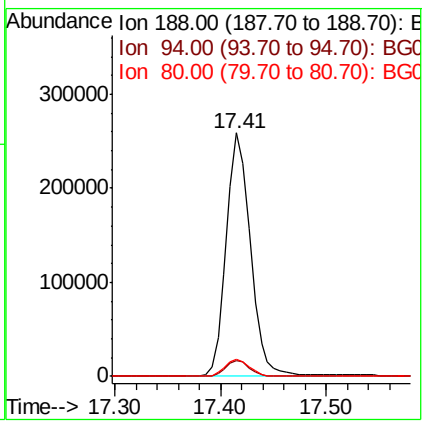


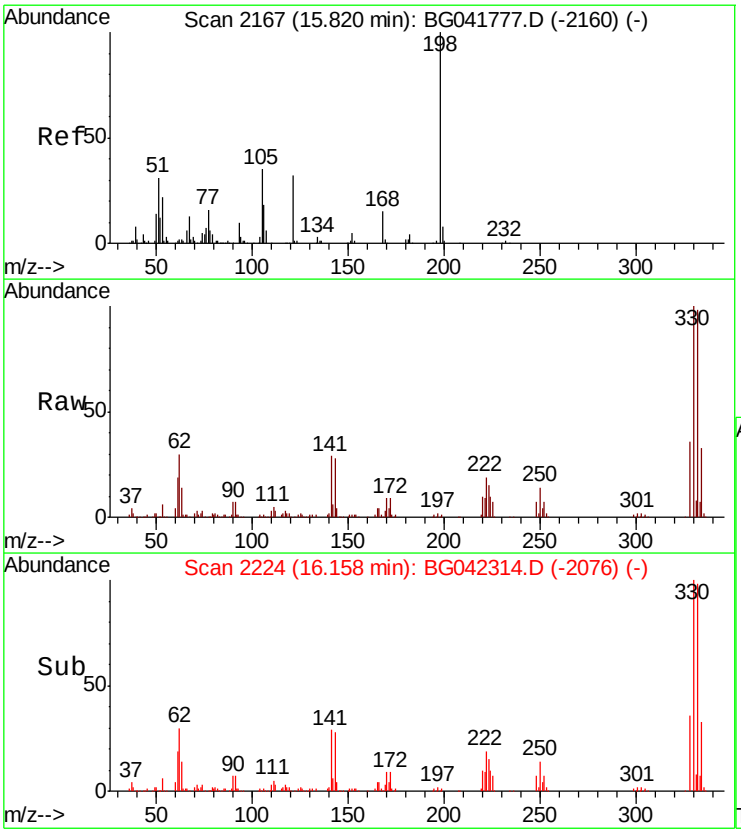
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.04 min
Lab File: BG042314.D
Acq: 18 Aug 2019 8:46

Instrument :
BNA_G
ClientSampleId :
T8-E1-(0-4)

Tgt Ion:188 Resp: 411877

Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.9	10.3#
80	6.9	8.0	12.0#

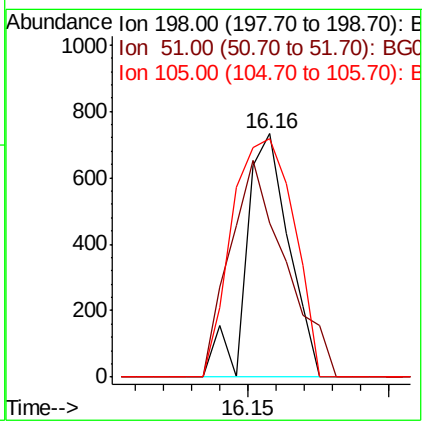


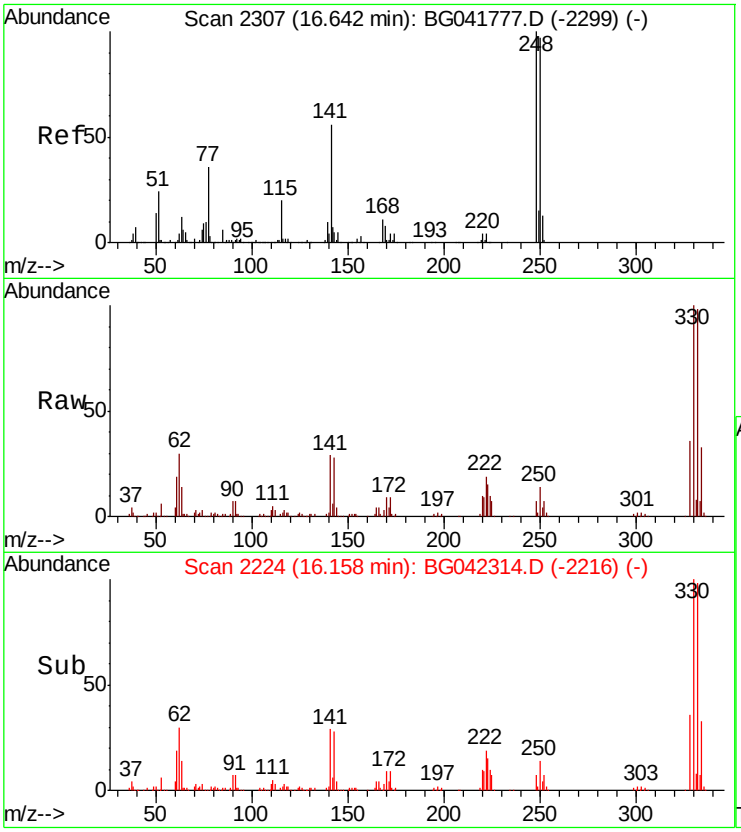


#65
4,6-Dinitro-2-methylphenol
Concen: 7.178 ng
RT: 16.16 min Scan# 2224
Delta R.T. 0.34 min
Lab File: BG042314.D
Acq: 18 Aug 2019 8:46

Tgt Ion:198 Resp: 767

Ion	Ratio	Lower	Upper
198	100		
51	63.0	22.3	62.3#
105	98.1	18.0	58.0#



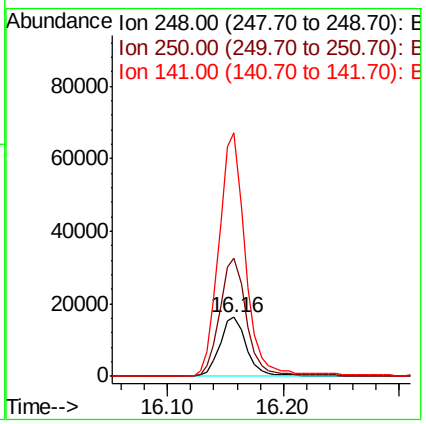


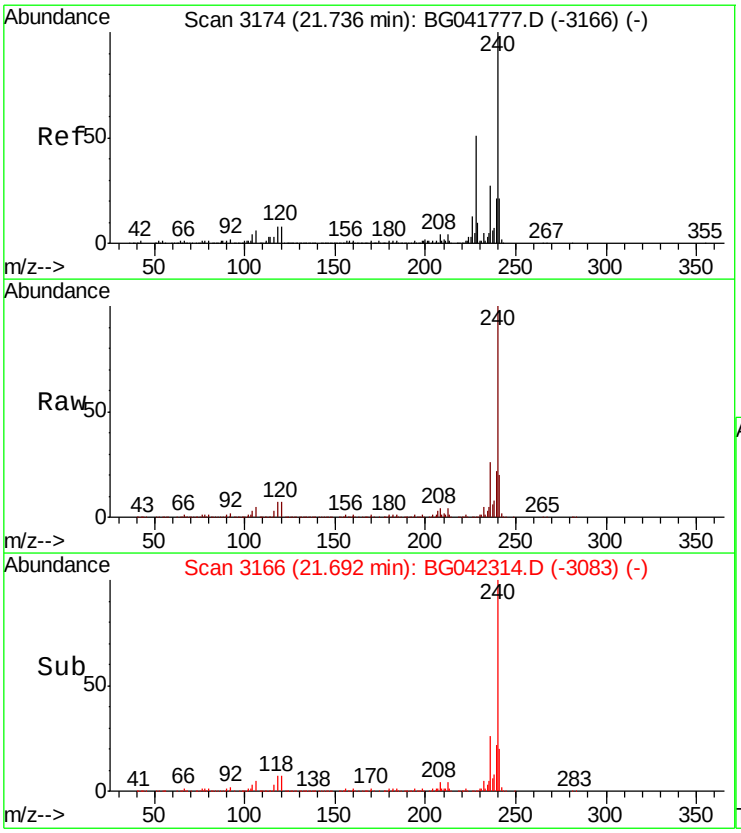
#67
4-Bromophenyl-phenylether
Concen: 5.199 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.48 min
Lab File: BG042314.D
Acq: 18 Aug 2019 8:46

Instrument :
BNA_G
ClientSampleId :
T8-E1-(0-4)

Tgt Ion:248 Resp: 26375

Ion	Ratio	Lower	Upper
248	100		
250	200.2	78.1	117.1#
141	413.8	49.6	74.4#

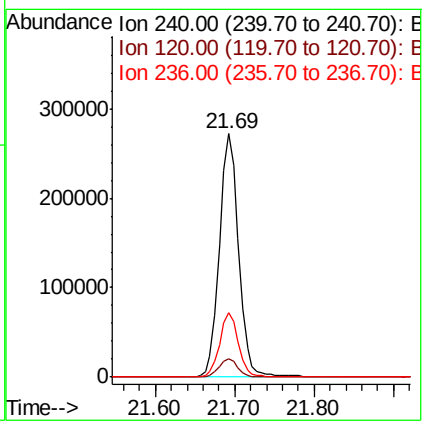


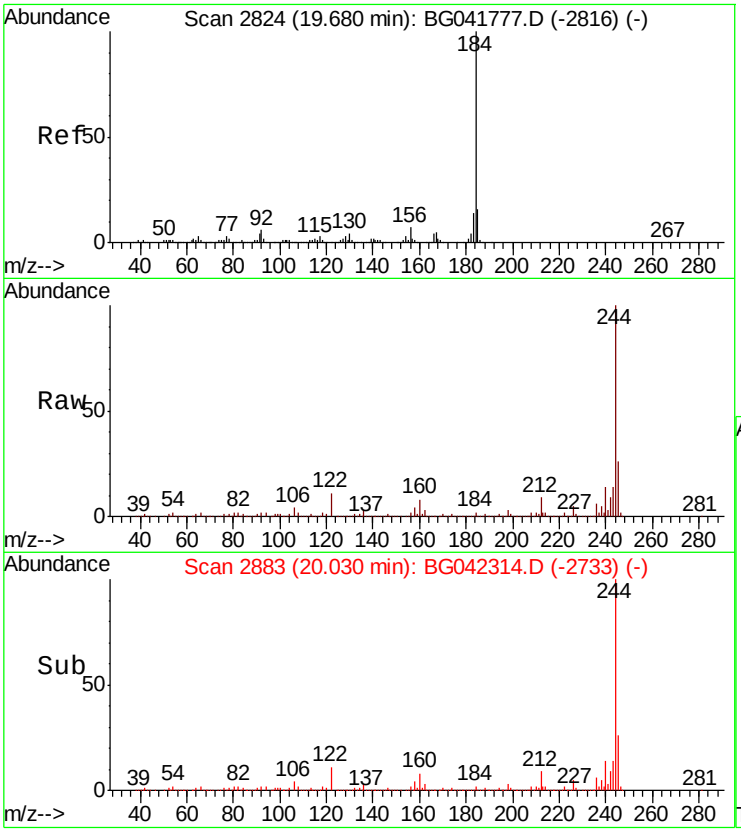


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.04 min
Lab File: BG042314.D
Acq: 18 Aug 2019 8:46

Tgt Ion:240 Resp: 456755

Ion	Ratio	Lower	Upper
240	100		
120	7.4	8.0	12.0#
236	26.5	22.6	33.8



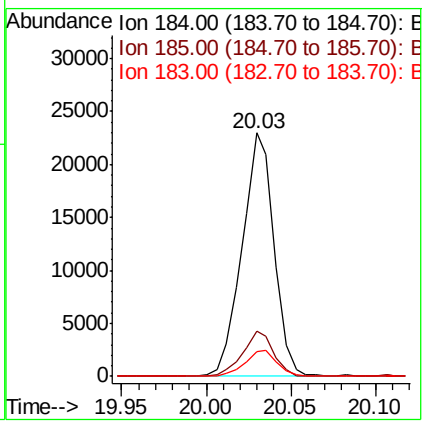


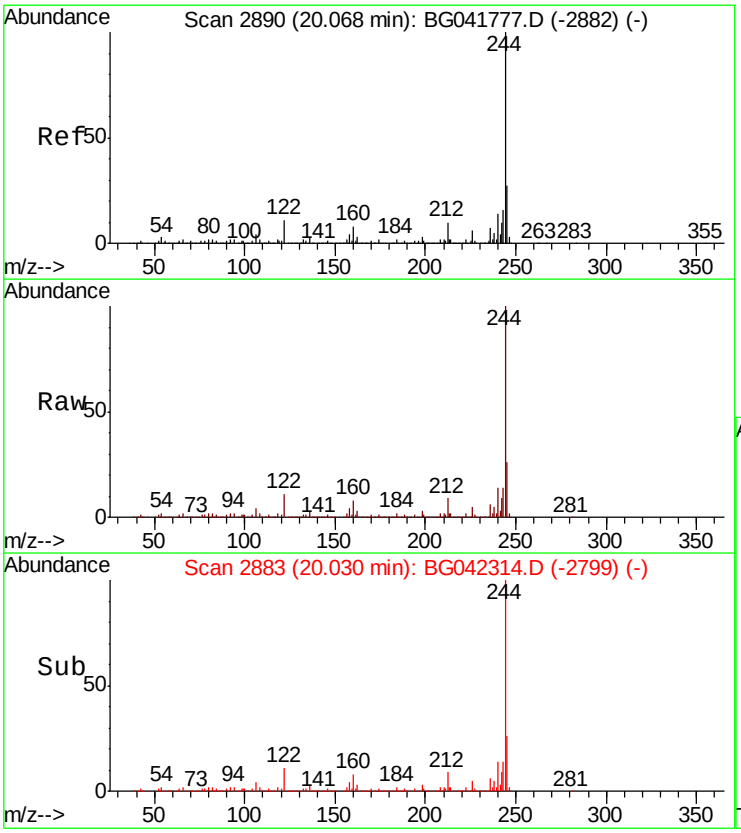
#77
Benzidine
Concen: 2.030 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.35 min
Lab File: BG042314.D
Acq: 18 Aug 2019 8:46

Instrument :
BNA_G
ClientSampleId :
T8-E1-(0-4)

Tgt Ion:184 Resp: 30258

Ion	Ratio	Lower	Upper
184	100		
185	18.4	13.0	19.4
183	10.3	11.8	17.6#

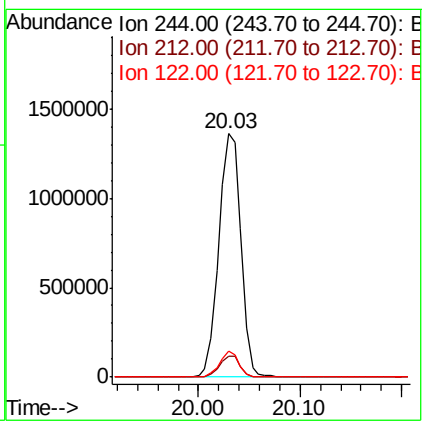


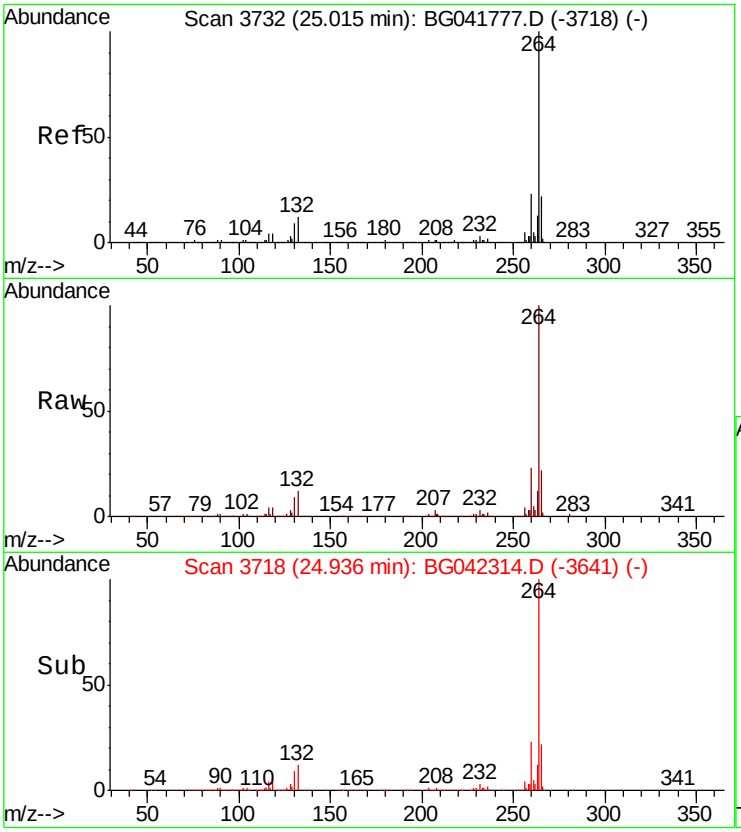


#79
Terphenyl-d14
Concen: 103.352 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.04 min
Lab File: BG042314.D
Acq: 18 Aug 2019 8:46

Tgt Ion:244 Resp: 2062983

Ion	Ratio	Lower	Upper
244	100		
212	8.8	9.7	14.5#
122	10.6	12.5	18.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3718
Delta R.T. -0.08 min
Lab File: BG042314.D
Acq: 18 Aug 2019 8:46

Instrument :
BNA_G
ClientSampleId :
T8-E1-(0-4)

Tgt Ion:264 Resp: 525859

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	22.2	18.0	27.0