Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081719\
Data File : BG042295.D
Acq On : 17 Aug 2019 18:01
Operator : HP/JU
Sample : K3616-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JC-03-081519-B

Quant Time: Aug 19 05:58:50 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	59876	20.00	ng	-0.04
21) Naphthalene-d8	10.83	136	221385	20.00	ng	-0.04
39) Acenaphthene-d10	14.67	164	160040	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	397615	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	482603	20.00	ng	-0.04
87) Perylene-d12	24.94	264	545856	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	388181	126.14	ng	-0.03
7) Phenol-d6	7.17	99	454256	109.49	ng	-0.03
23) Nitrobenzene-d5	9.18	82	336410	104.57	ng	-0.03
42) 2,4,6-Tribromophenol	16.16	330	339747	186.90	ng	-0.03
45) 2-Fluorobiphenyl	13.29	172	1014303	111.78	ng	-0.04
79) Terphenyl-d14	20.03	244	2063511	97.84	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	24570	16.963	ng	# 1
19) n-Nitroso-di-n-propylamine	9.18	70	42121	13.984	ng	# 66
51) 2,6-Dinitrotoluene	14.66	165	20943	9.163	ng	# 27
57) 2,4-Dinitrotoluene	14.66	165	20943	6.663	ng	# 29
65) 4,6-Dinitro-2-methylphenol	16.16	198	727	7.173	ng	# 10
67) 4-Bromophenyl-phenylether	16.16	248	24385	4.979	ng	# 1

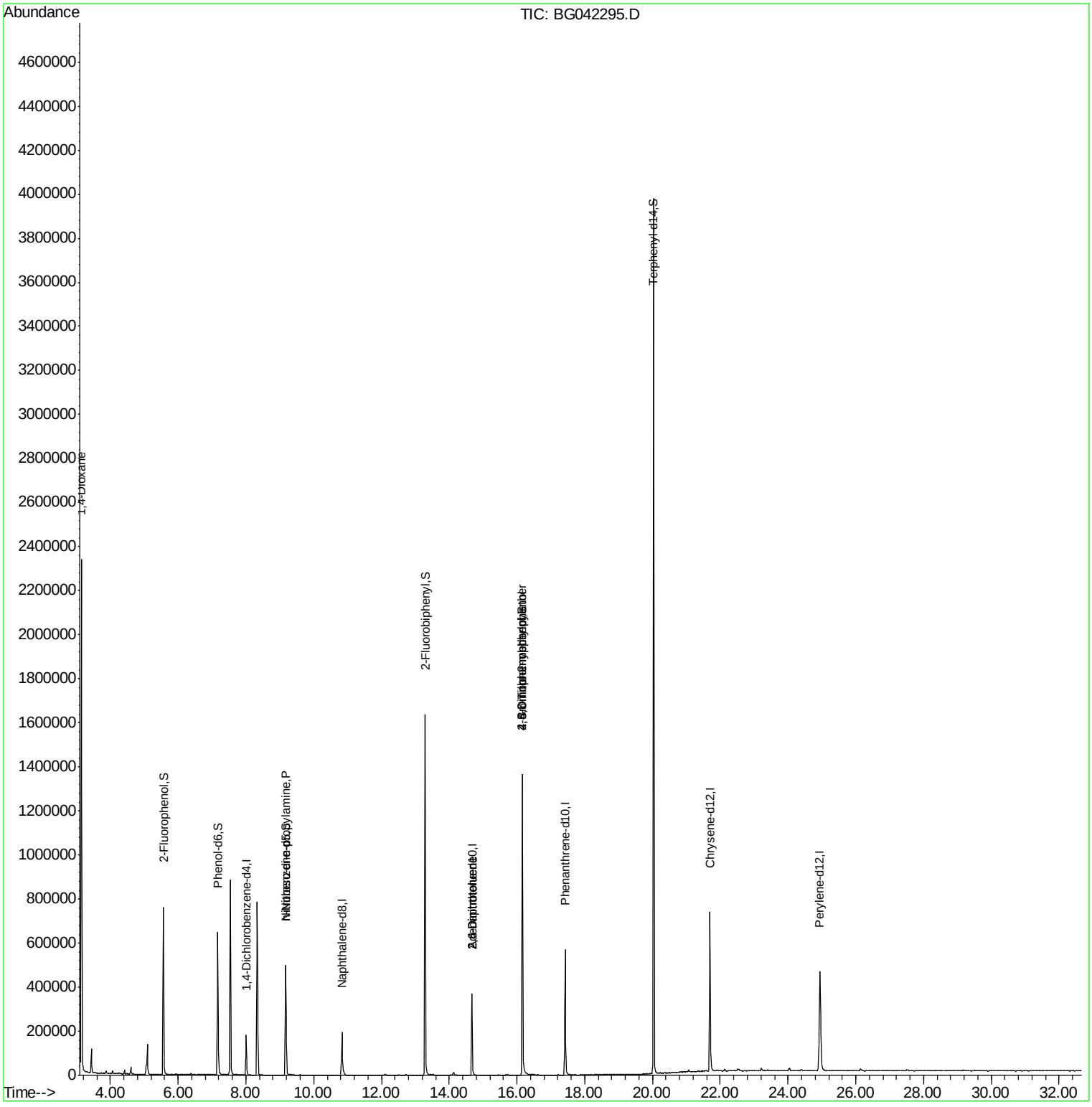
(#) = qualifier out of range (m) = manual integration (+) = signals summed

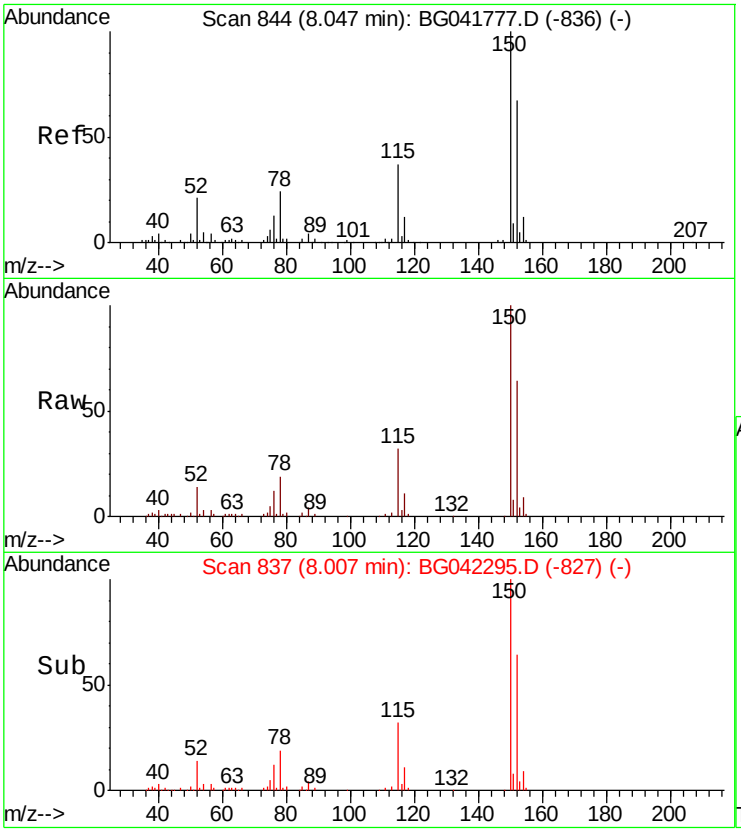
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081719\
Data File : BG042295.D
Acq On : 17 Aug 2019 18:01
Operator : HP/JU
Sample : K3616-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-B

Quant Time: Aug 19 05:58:50 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



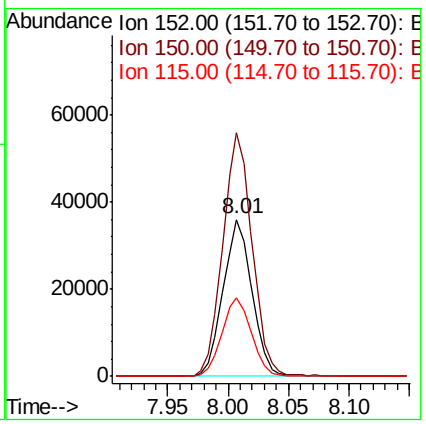


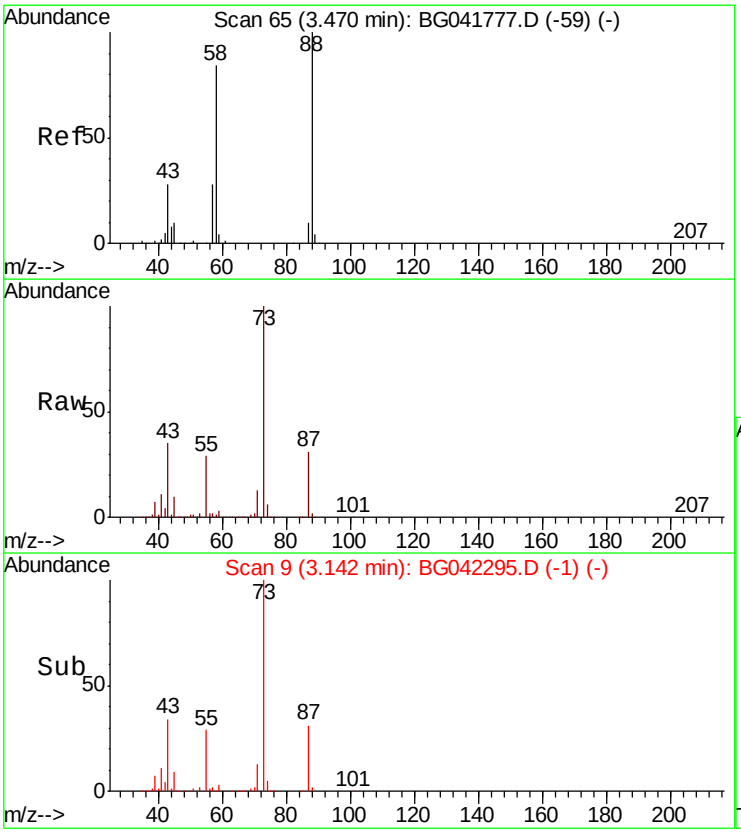
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.04 min
Lab File: BG042295.D
Acq: 17 Aug 2019 18:01

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-B

Tgt Ion:152 Resp: 59876

Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.9	190.3
115	50.3	45.0	67.6

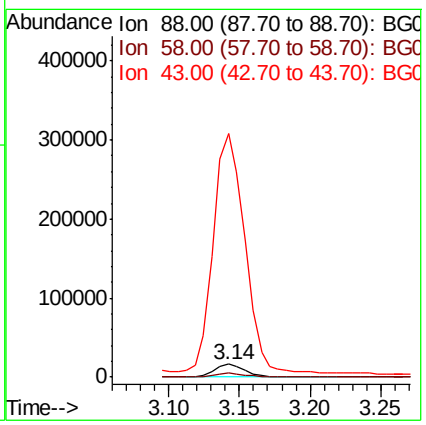


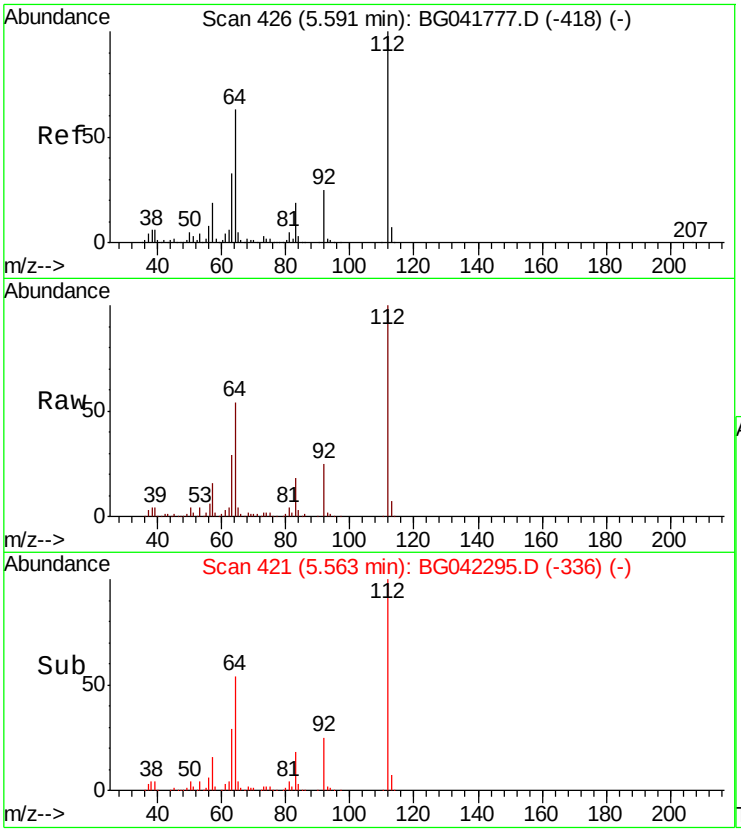


#2
1,4-Dioxane
Concen: 16.963 ng
RT: 3.14 min Scan# 9
Delta R.T. -0.33 min
Lab File: BG042295.D
Acq: 17 Aug 2019 18:01

Tgt Ion: 88 Resp: 24570

Ion	Ratio	Lower	Upper
88	100		
58	23.7	76.2	114.2#
43	1959.5	27.2	40.8#



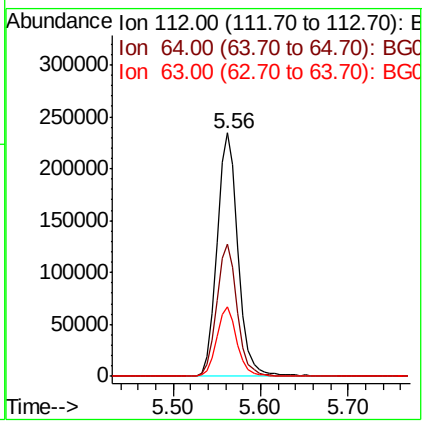


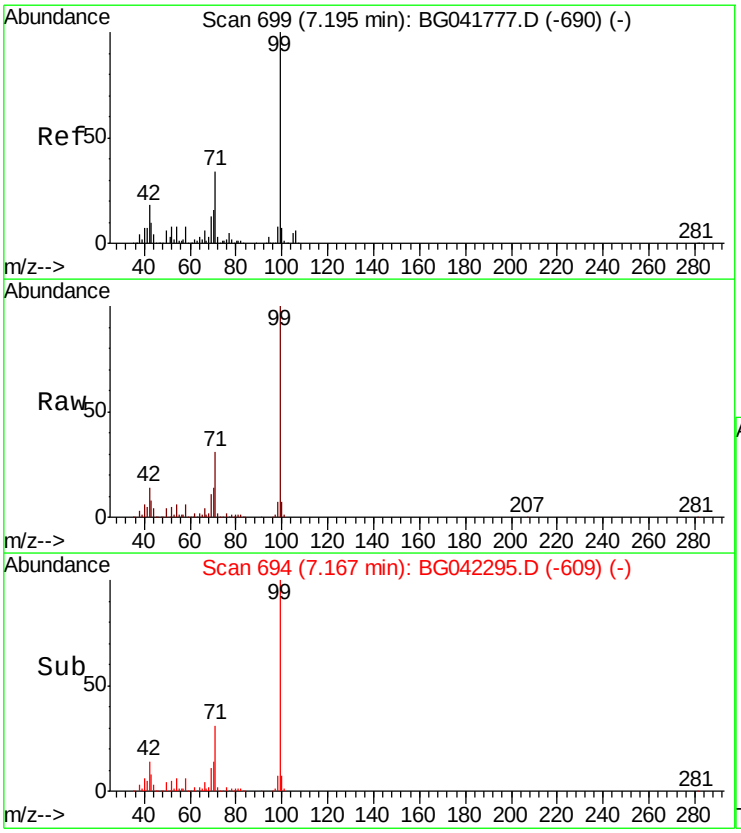
#5
2-Fluorophenol
Concen: 126.136 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.03 min
Lab File: BG042295.D
Acq: 17 Aug 2019 18:01

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-B

Tgt Ion:112 Resp: 388181

Ion	Ratio	Lower	Upper
112	100		
64	54.4	55.4	83.2#
63	28.6	29.1	43.7#

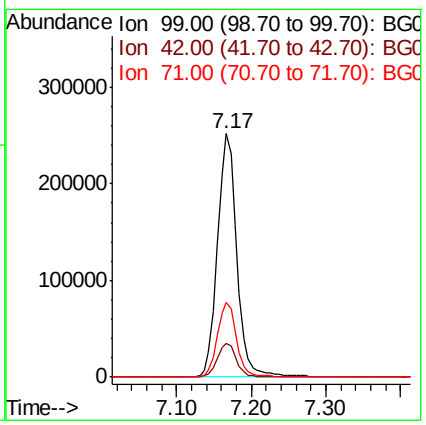


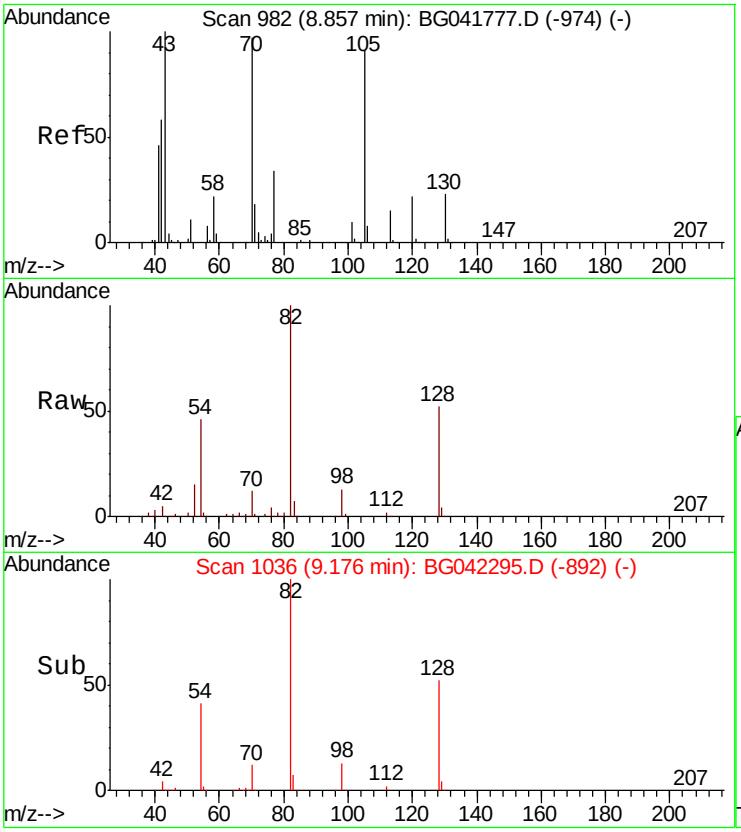


#7
Phenol-d6
Concen: 109.487 ng
RT: 7.17 min Scan# 694
Delta R.T. -0.03 min
Lab File: BG042295.D
Acq: 17 Aug 2019 18:01

Tgt Ion: 99 Resp: 454256

Ion	Ratio	Lower	Upper
99	100		
42	13.9	17.6	26.4#
71	30.8	27.8	41.6



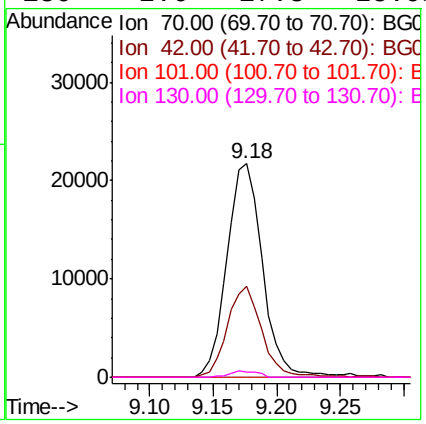


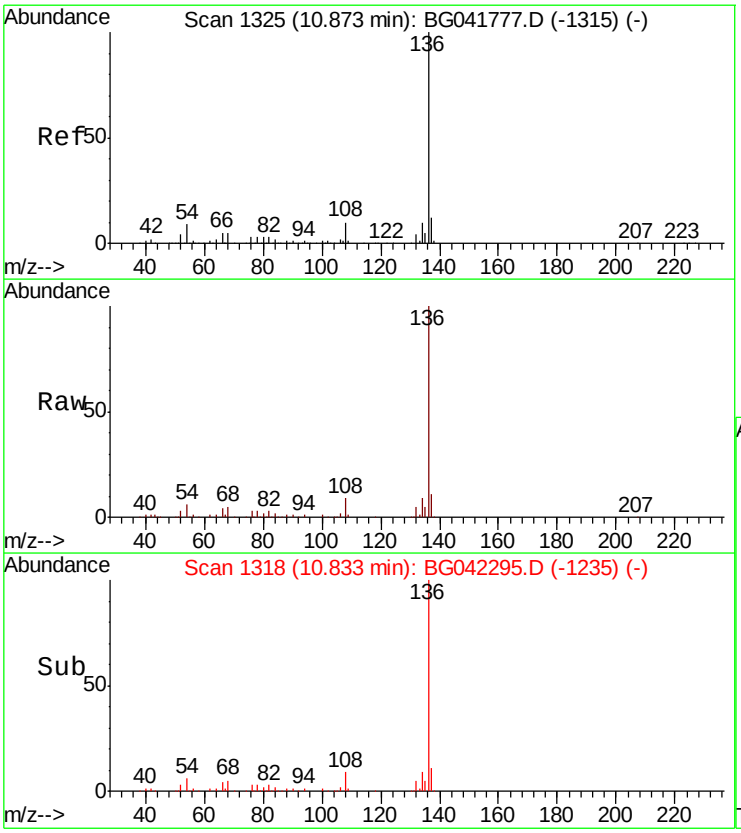
#19
n-Nitroso-di-n-propylamine
Concen: 13.984 ng
RT: 9.18 min Scan# 1036
Delta R.T. 0.32 min
Lab File: BG042295.D
Acq: 17 Aug 2019 18:01

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-B

Tgt Ion: 70 Resp: 42121

Ion	Ratio	Lower	Upper
70	100		
42	42.6	55.8	83.6#
101	0.0	8.1	12.1#
130	2.6	17.3	25.9#

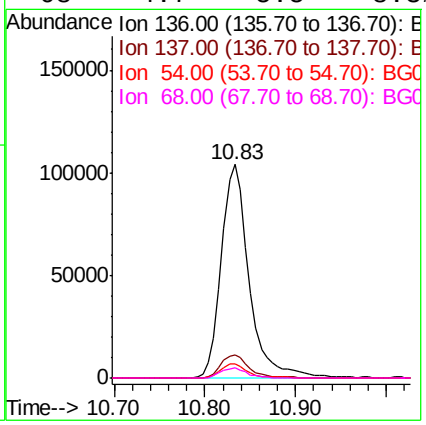


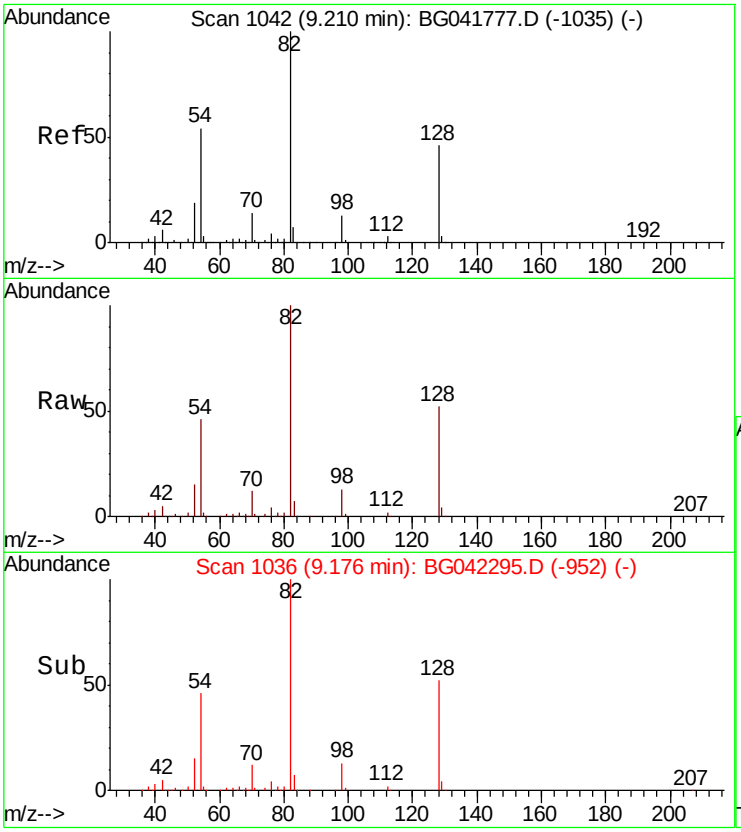


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.04 min
Lab File: BG042295.D
Acq: 17 Aug 2019 18:01

Tgt Ion:136 Resp: 221385

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	6.4	8.7	13.1#
68	4.7	5.5	8.3#



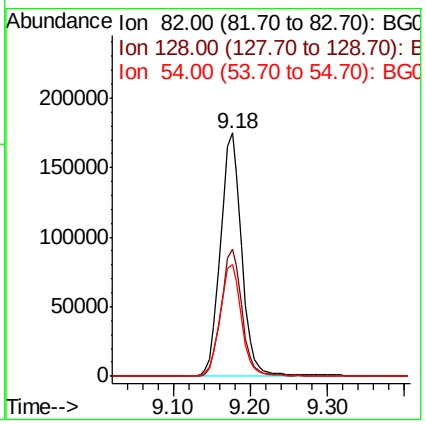


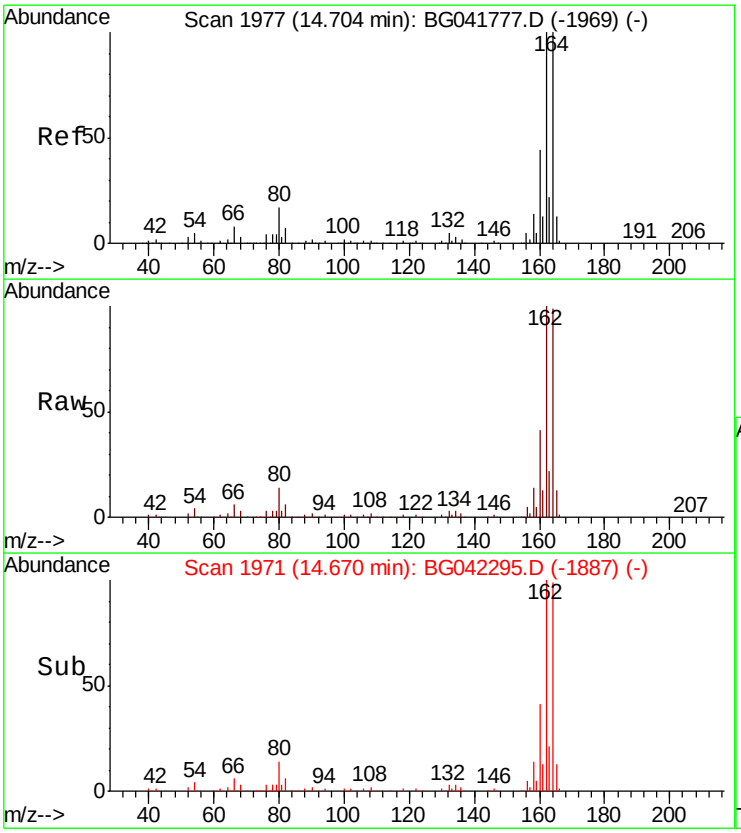
#23
Nitrobenzene-d5
Concen: 104.571 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.03 min
Lab File: BG042295.D
Acq: 17 Aug 2019 18:01

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-B

Tgt Ion: 82 Resp: 336410

Ion	Ratio	Lower	Upper
82	100		
128	52.1	35.1	52.7
54	46.0	48.7	73.1#

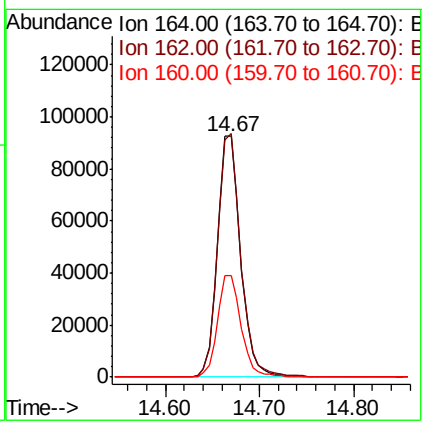


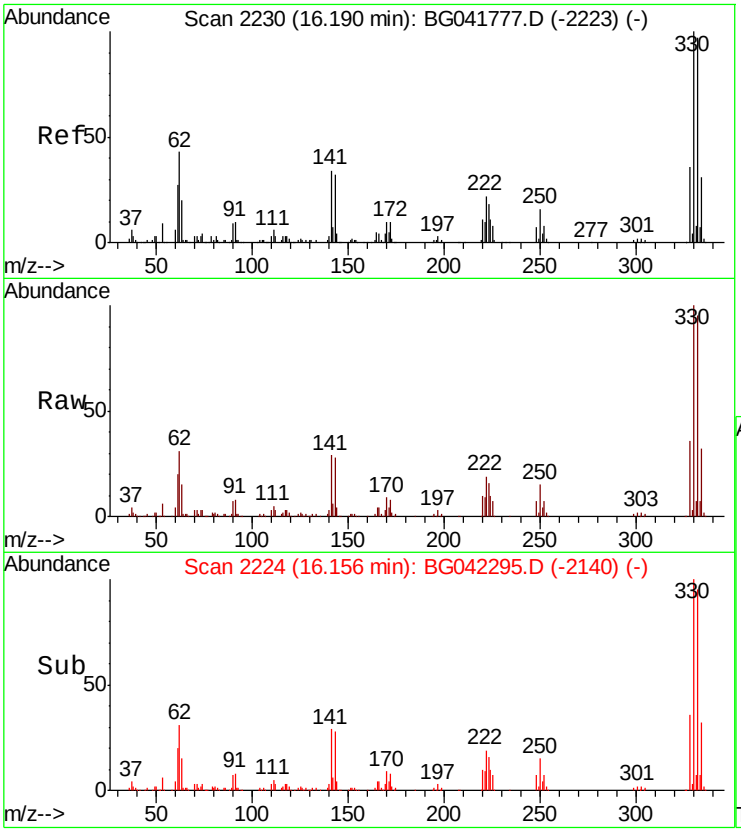


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.03 min
Lab File: BG042295.D
Acq: 17 Aug 2019 18:01

Tgt Ion:164 Resp: 160040

Ion	Ratio	Lower	Upper
164	100		
162	101.1	79.6	119.4
160	41.9	35.4	53.0



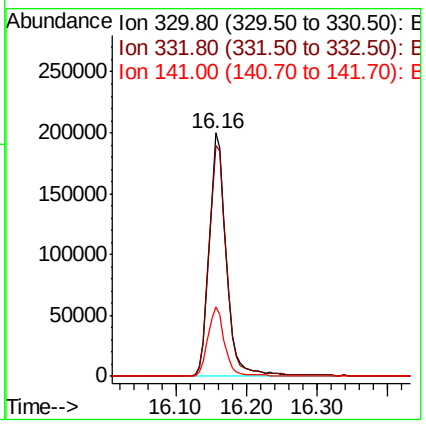


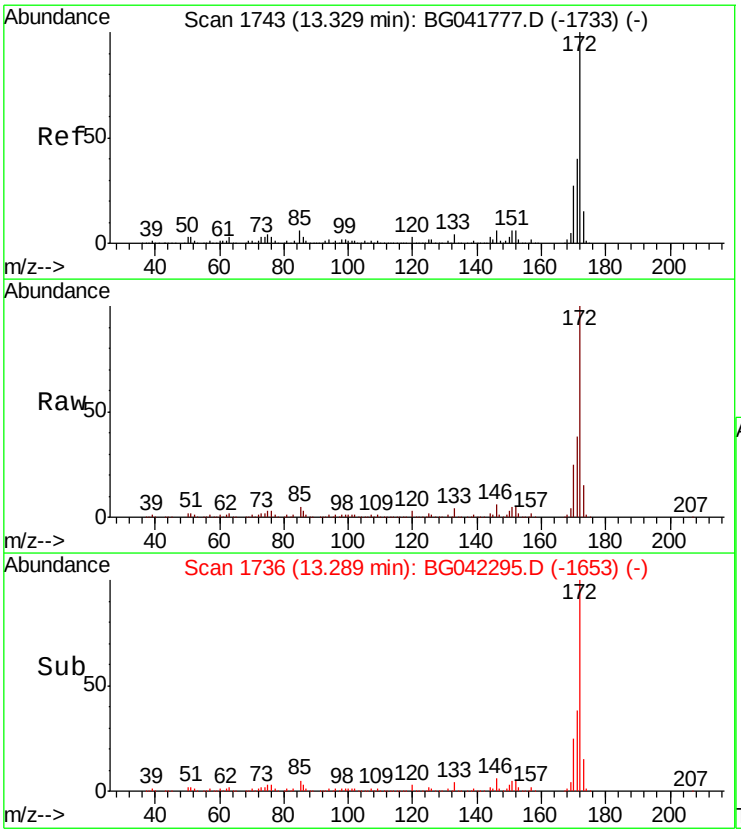
#42
2,4,6-Tribromophenol
Concen: 186.896 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.03 min
Lab File: BG042295.D
Acq: 17 Aug 2019 18:01

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-B

Tgt Ion:330 Resp: 339747

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.0
141	28.3	31.9	47.9#

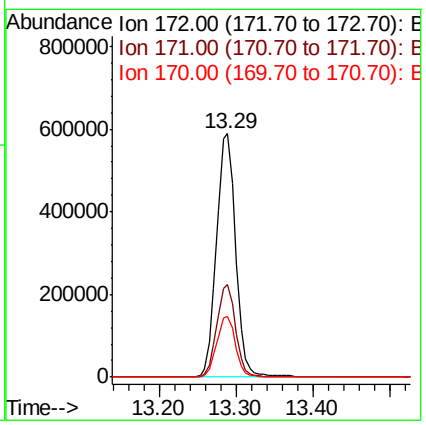


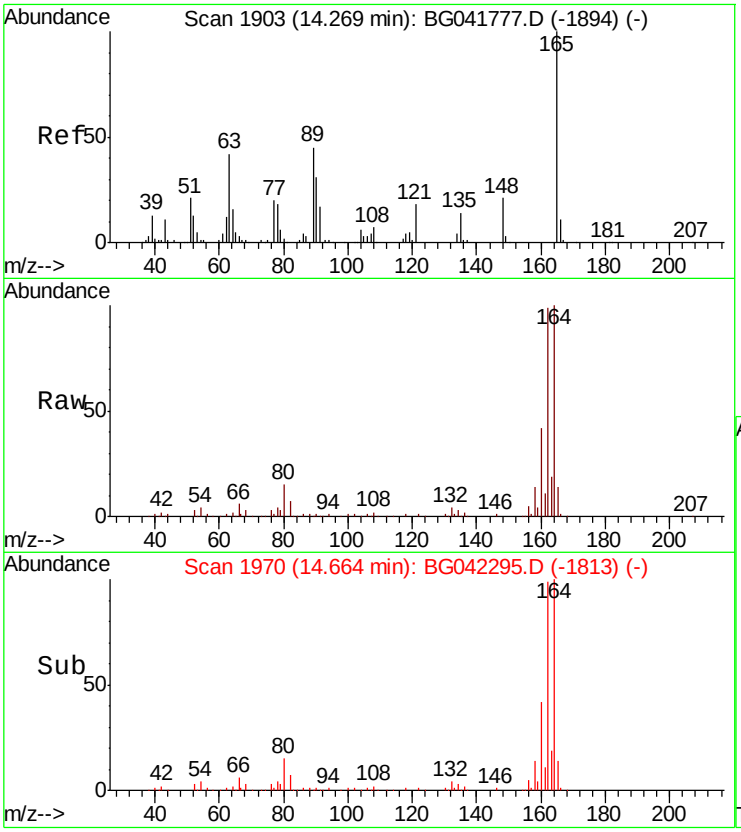


#45
2-Fluorobiphenyl
Concen: 111.781 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.04 min
Lab File: BG042295.D
Acq: 17 Aug 2019 18:01

Tgt Ion:172 Resp: 1014303

Ion	Ratio	Lower	Upper
172	100		
171	37.8	35.0	52.4
170	25.0	23.5	35.3



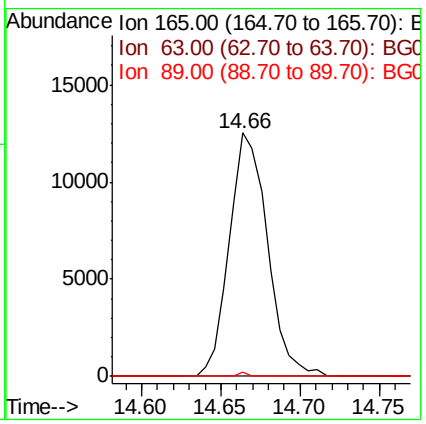


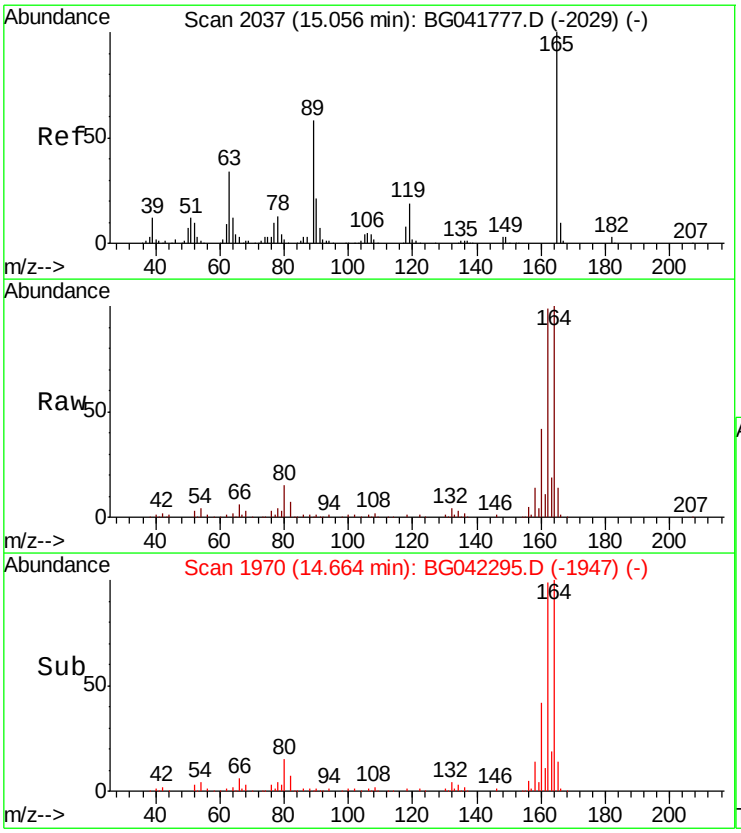
#51
2,6-Dinitrotoluene
Concen: 9.163 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.40 min
Lab File: BG042295.D
Acq: 17 Aug 2019 18:01

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-B

Tgt Ion:165 Resp: 20943

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.4	63.6#
89	1.8	42.1	63.1#

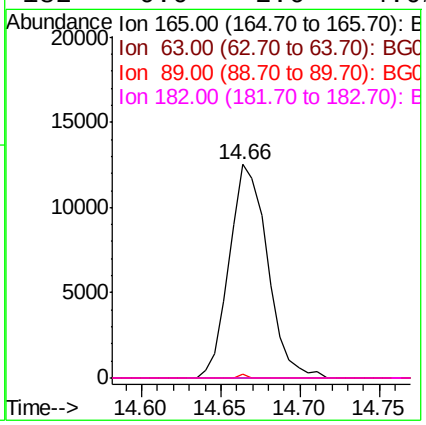


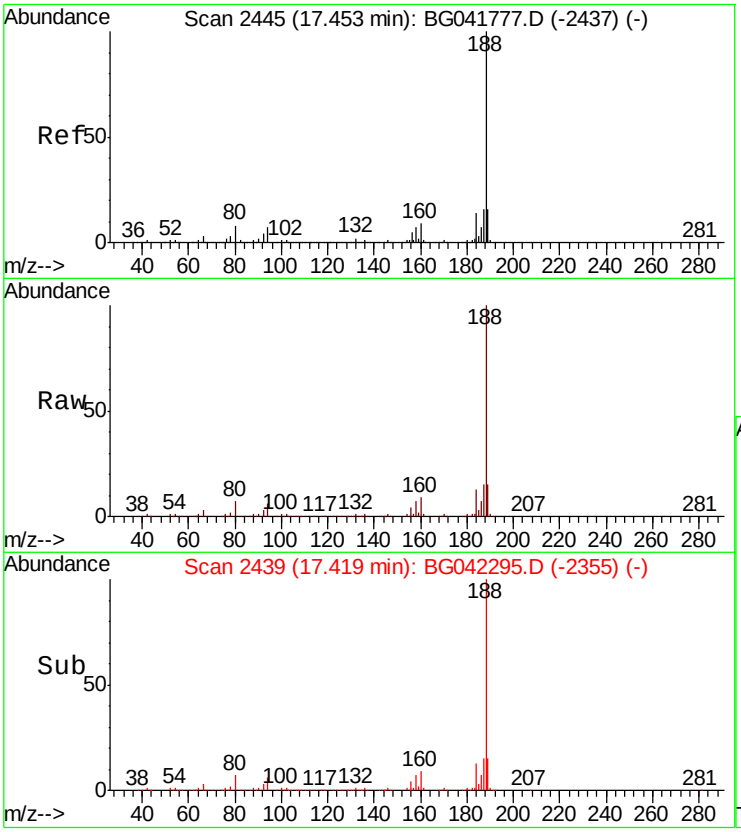


#57
2,4-Dinitrotoluene
Concen: 6.663 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.39 min
Lab File: BG042295.D
Acq: 17 Aug 2019 18:01

Tgt Ion:165 Resp: 20943

Ion	Ratio	Lower	Upper
165	100		
63	0.0	31.7	47.5#
89	1.8	50.2	75.4#
182	0.0	2.6	4.0#



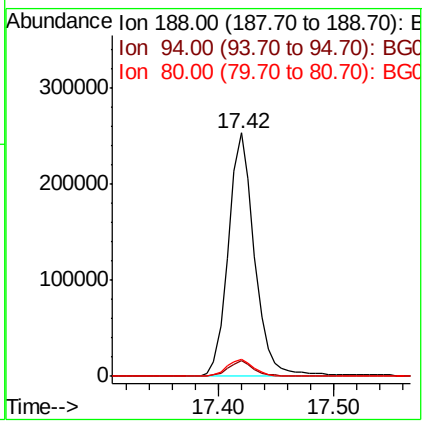


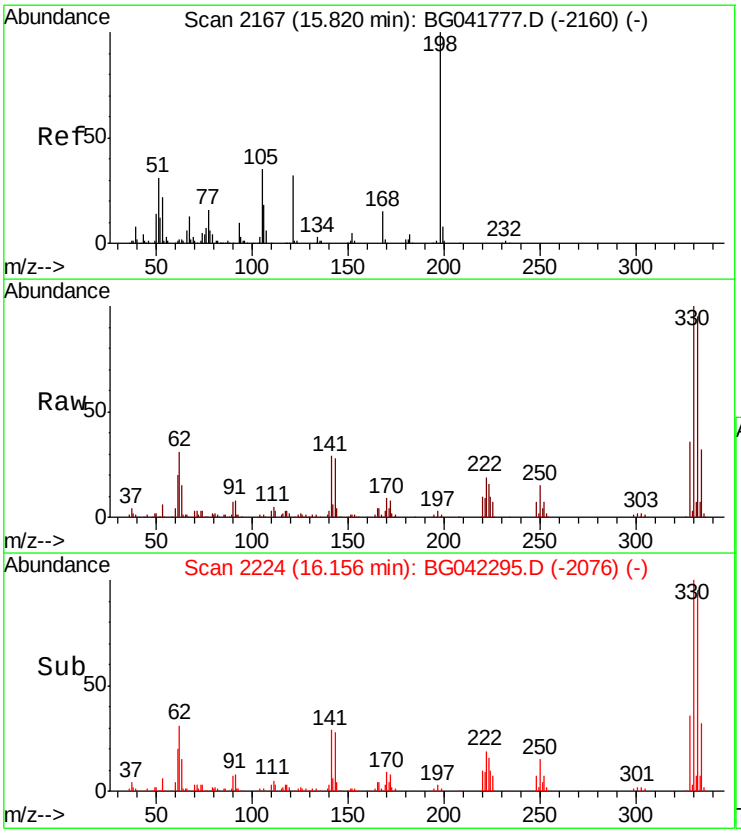
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.03 min
Lab File: BG042295.D
Acq: 17 Aug 2019 18:01

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-B

Tgt Ion:188 Resp: 397615

Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.9	10.3#
80	6.8	8.0	12.0#

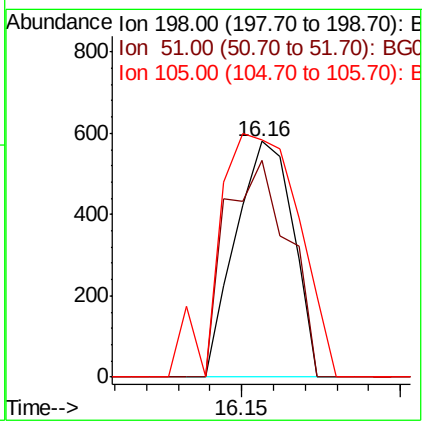


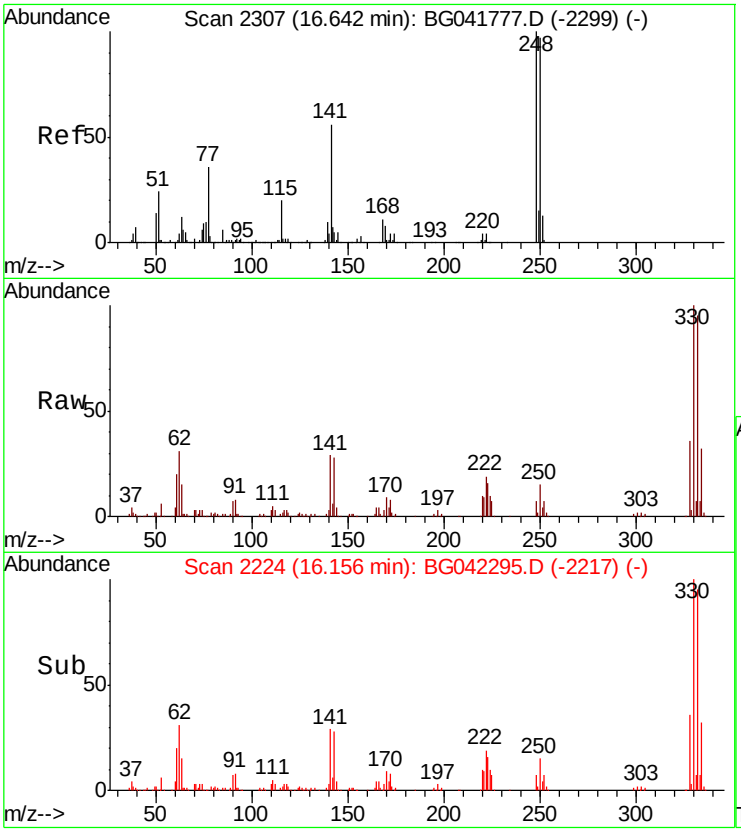


#65
4,6-Dinitro-2-methylphenol
Concen: 7.173 ng
RT: 16.16 min Scan# 2224
Delta R.T. 0.34 min
Lab File: BG042295.D
Acq: 17 Aug 2019 18:01

Tgt Ion:198 Resp: 727

Ion	Ratio	Lower	Upper
198	100		
51	91.9	22.3	62.3#
105	100.5	18.0	58.0#



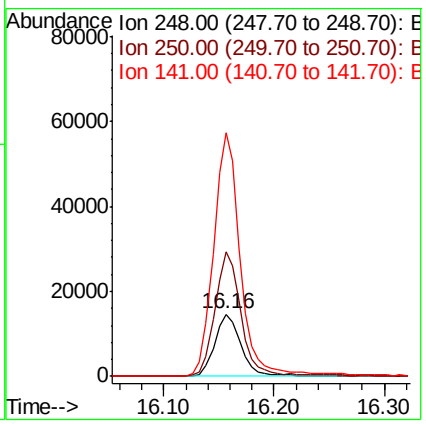


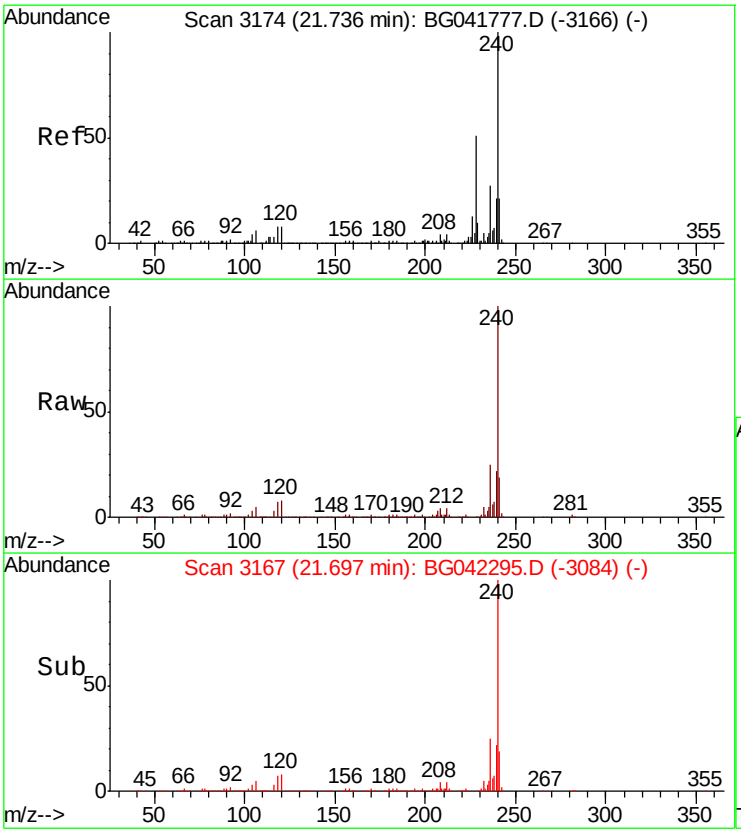
#67
4-Bromophenyl-phenylether
Concen: 4.979 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.49 min
Lab File: BG042295.D
Acq: 17 Aug 2019 18:01

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-B

Tgt Ion:248 Resp: 24385

Ion	Ratio	Lower	Upper
248	100		
250	200.9	78.1	117.1#
141	393.1	49.6	74.4#

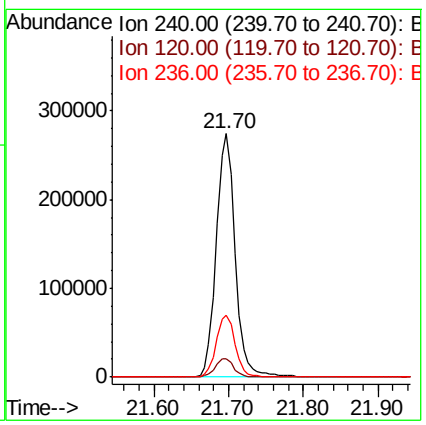


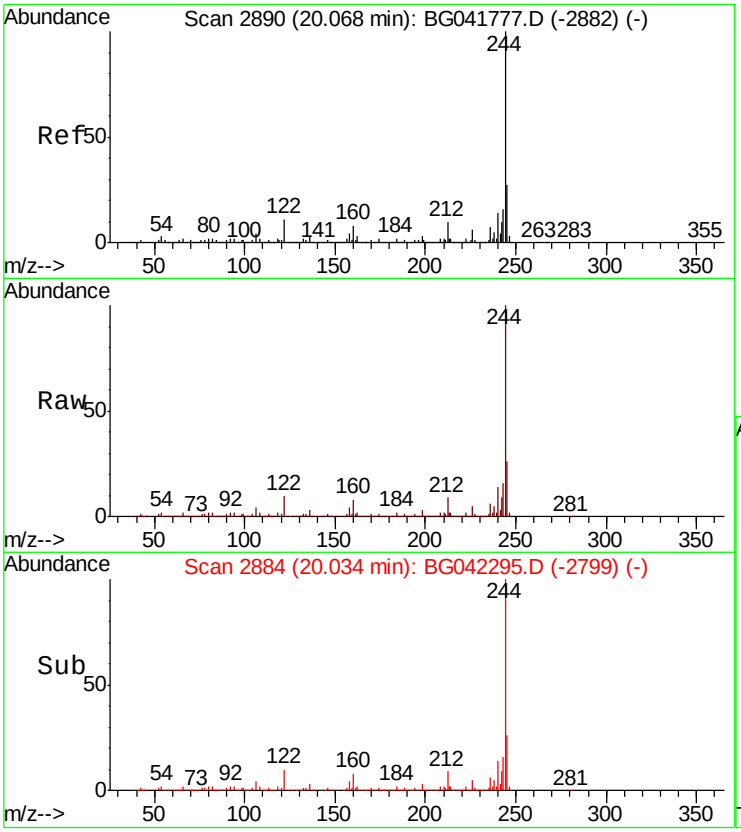


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.04 min
Lab File: BG042295.D
Acq: 17 Aug 2019 18:01

Tgt Ion:240 Resp: 482603

Ion	Ratio	Lower	Upper
240	100		
120	7.5	8.0	12.0#
236	25.4	22.6	33.8



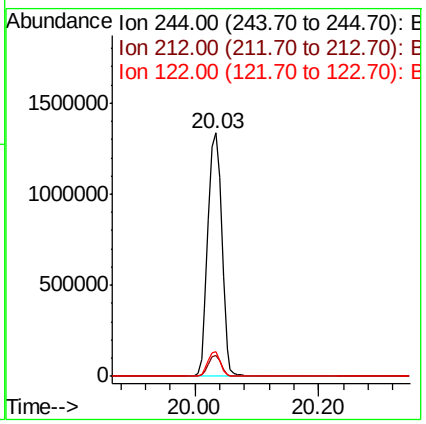


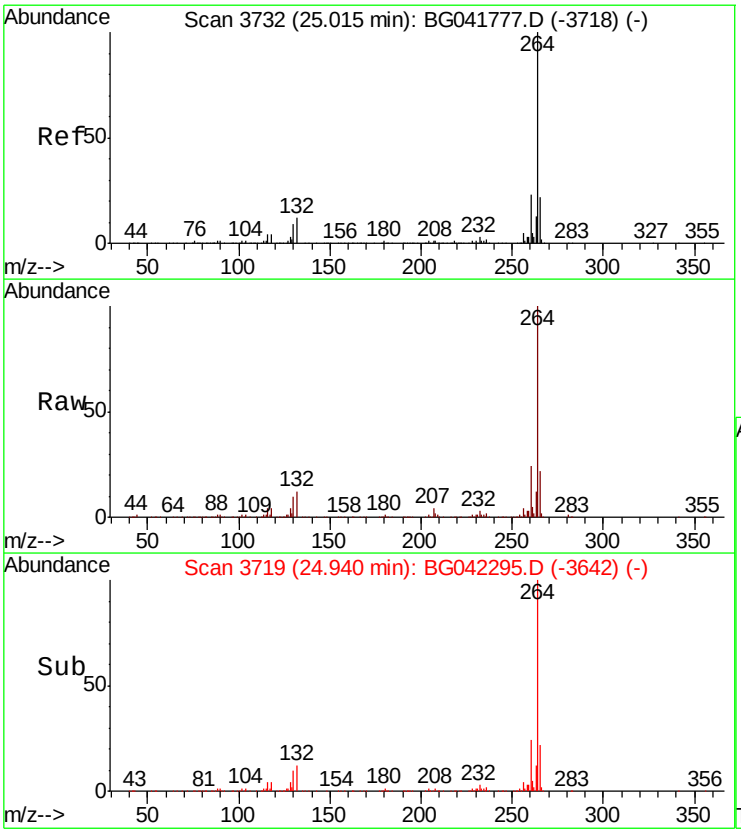
#79
Terphenyl-d14
Concen: 97.841 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.03 min
Lab File: BG042295.D
Acq: 17 Aug 2019 18:01

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-B

Tgt Ion:244 Resp: 2063511

Ion	Ratio	Lower	Upper
244	100		
212	8.8	9.7	14.5#
122	9.9	12.5	18.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. -0.07 min
Lab File: BG042295.D
Acq: 17 Aug 2019 18:01

Tgt Ion:264 Resp: 545856

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.9	18.0	27.0