Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081719\
Data File : BG042308.D
Acq On : 18 Aug 2019 4:56
Operator : HP/JU
Sample : K4277-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-20

Quant Time: Aug 19 05:59:34 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	63256	20.00	ng	-0.04
21) Naphthalene-d8	10.83	136	234102	20.00	ng	-0.04
39) Acenaphthene-d10	14.67	164	166915	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	403149	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	463789	20.00	ng	-0.04
87) Perylene-d12	24.94	264	516923	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	399370	122.84	ng	-0.03
7) Phenol-d6	7.17	99	477436	108.93	ng	-0.03
23) Nitrobenzene-d5	9.18	82	354456	104.20	ng	-0.03
42) 2,4,6-Tribromophenol	16.16	330	344308	181.60	ng	-0.03
45) 2-Fluorobiphenyl	13.29	172	1071491	113.22	ng	-0.04
79) Terphenyl-d14	20.03	244	2039717	100.64	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	14212	9.287	ng	# 1
19) n-Nitroso-di-n-propylamine	9.18	70	44322	13.928	ng	# 64
51) 2,6-Dinitrotoluene	14.67	165	21222	8.903	ng	# 26
57) 2,4-Dinitrotoluene	14.67	165	21222	6.474	ng	# 28
65) 4,6-Dinitro-2-methylphenol	16.16	198	781	7.192	ng	# 42
67) 4-Bromophenyl-phenylether	16.16	248	23990	4.831	ng	# 1

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

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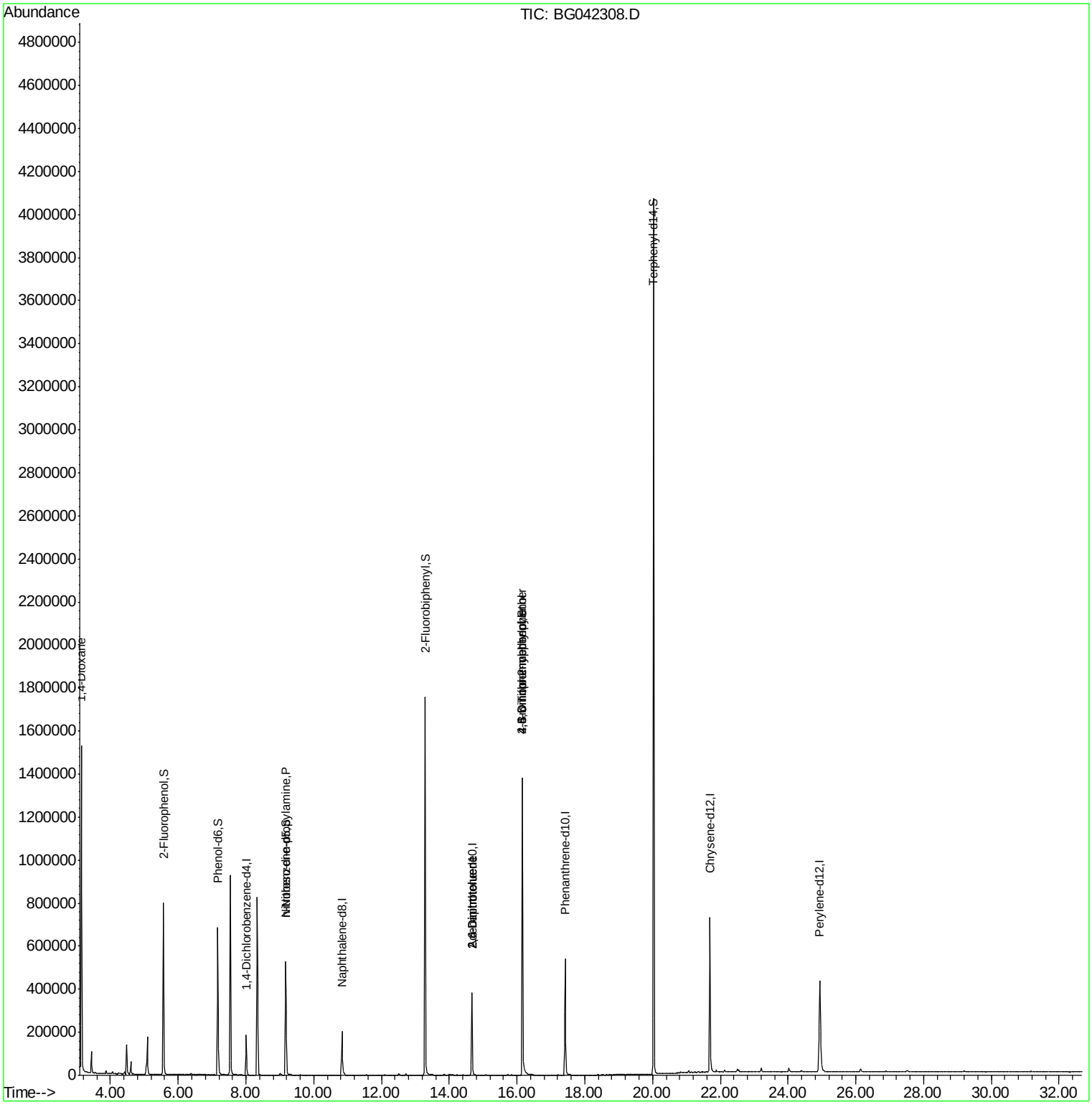
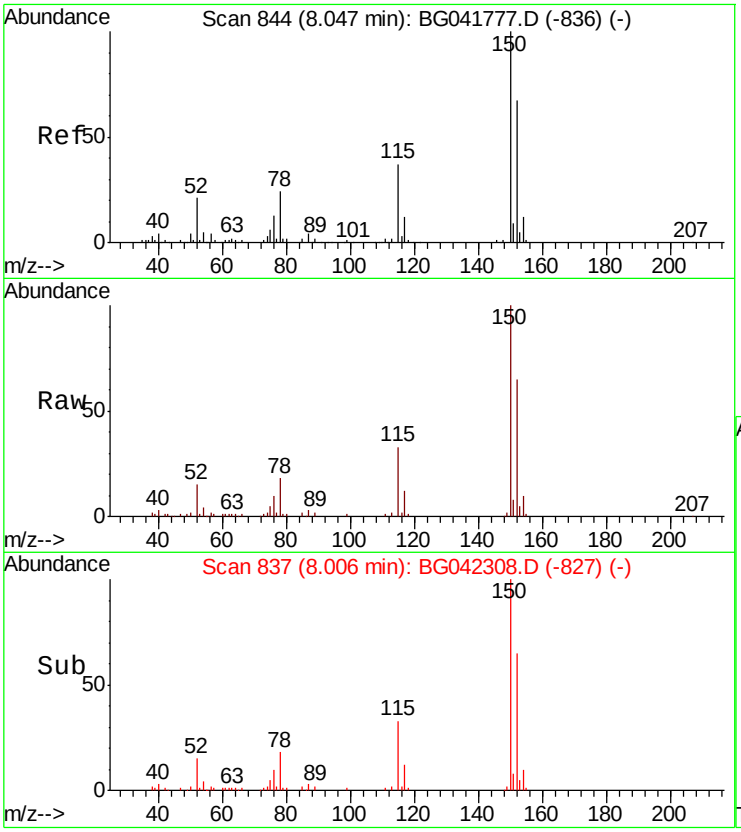


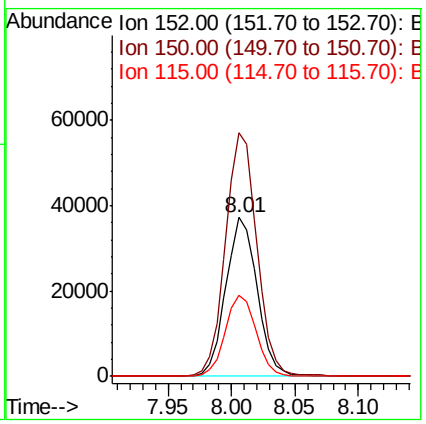


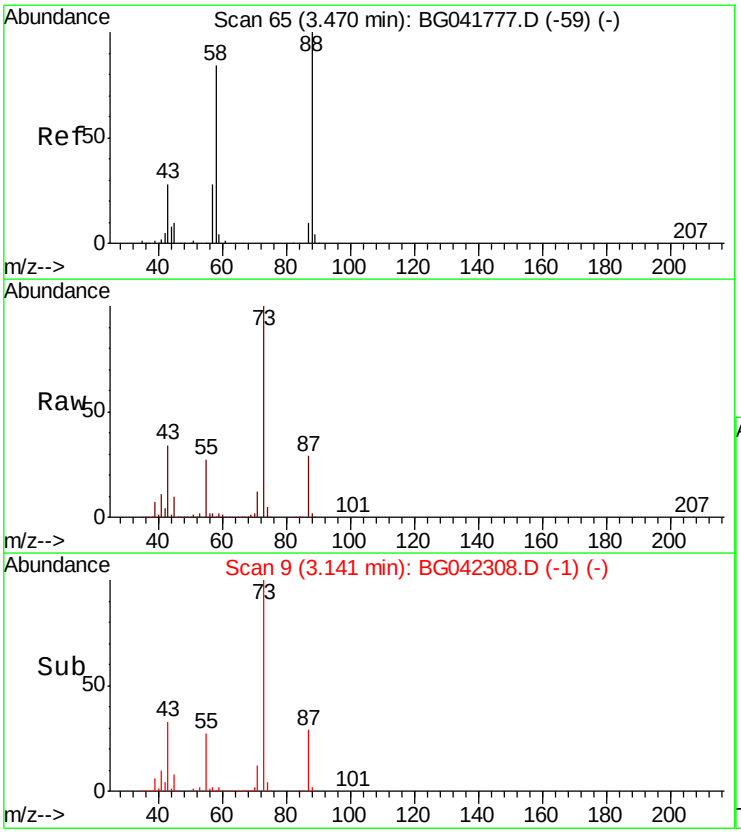
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.04 min
Lab File: BG042308.D
Acq: 18 Aug 2019 4:56

Instrument :
BNA_G
ClientSampleId :
TP-20

Tgt Ion:152 Resp: 63256

Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.9	190.3
115	50.9	45.0	67.6

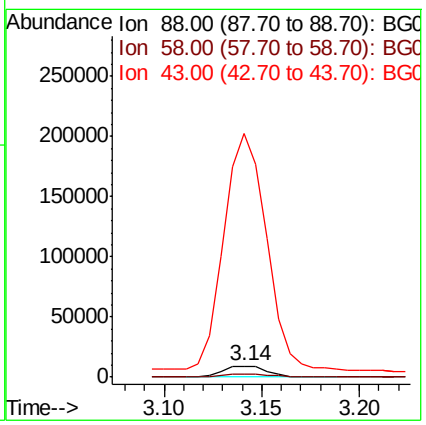


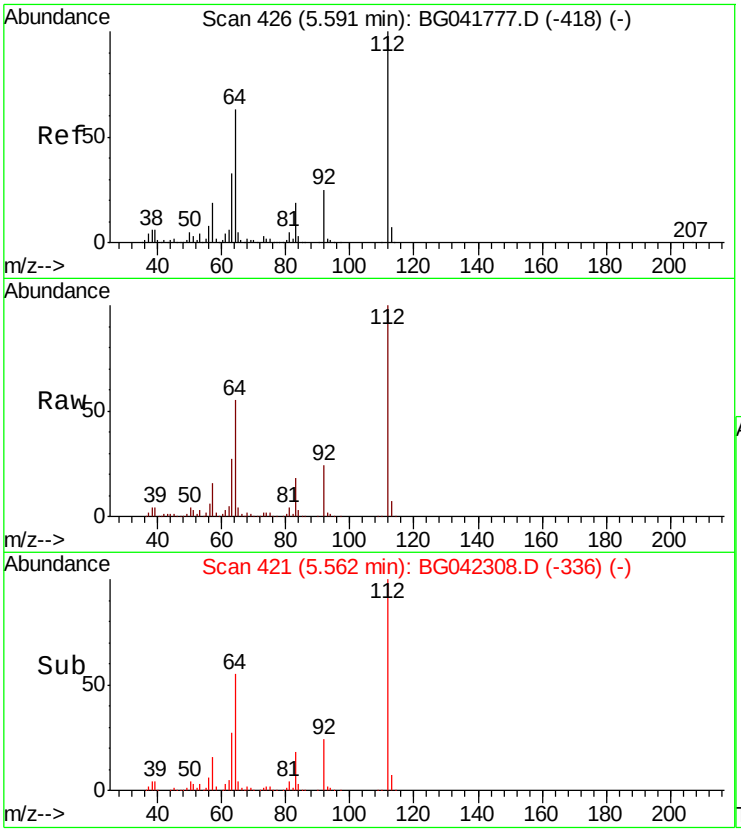


#2
1,4-Dioxane
Concen: 9.287 ng
RT: 3.14 min Scan# 9
Delta R.T. -0.33 min
Lab File: BG042308.D
Acq: 18 Aug 2019 4:56

Tgt Ion: 88 Resp: 14212

Ion	Ratio	Lower	Upper
88	100		
58	26.2	76.2	114.2#
43	2182.2	27.2	40.8#



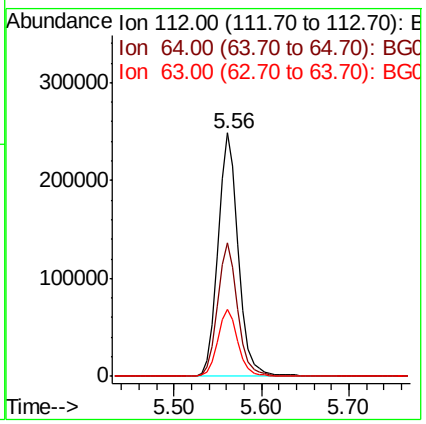


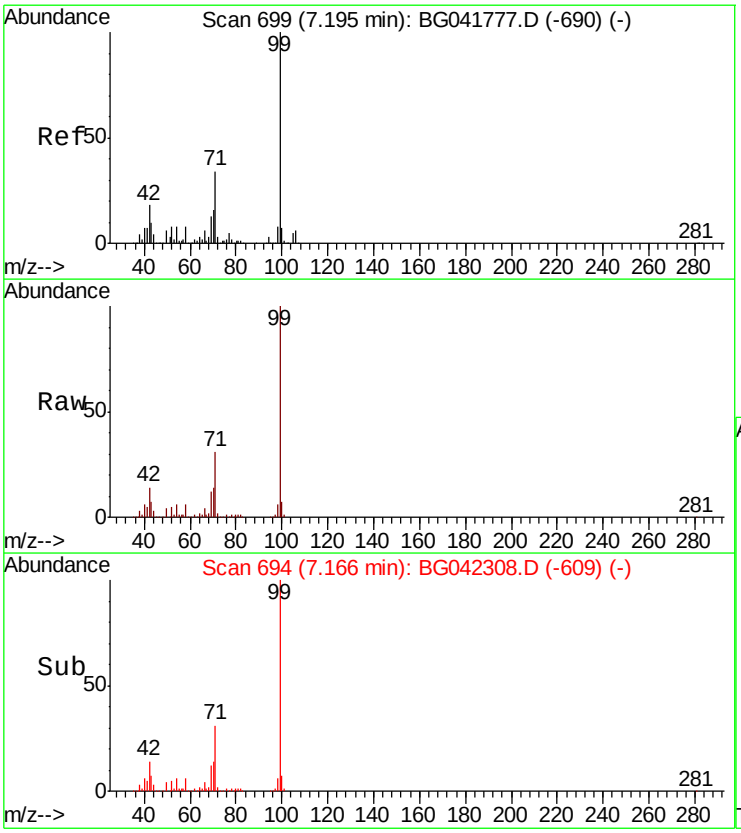
#5
2-Fluorophenol
Concen: 122.838 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.03 min
Lab File: BG042308.D
Acq: 18 Aug 2019 4:56

Instrument :
BNA_G
ClientSampleId :
TP-20

Tgt Ion:112 Resp: 399370

Ion	Ratio	Lower	Upper
112	100		
64	54.7	55.4	83.2#
63	27.3	29.1	43.7#

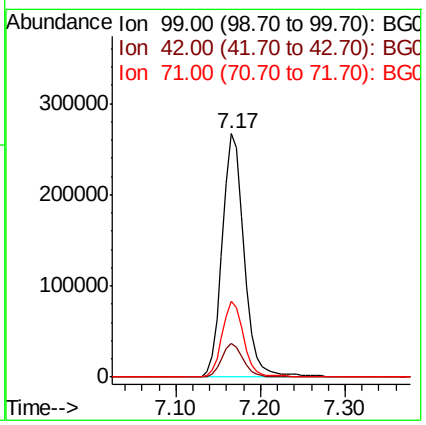


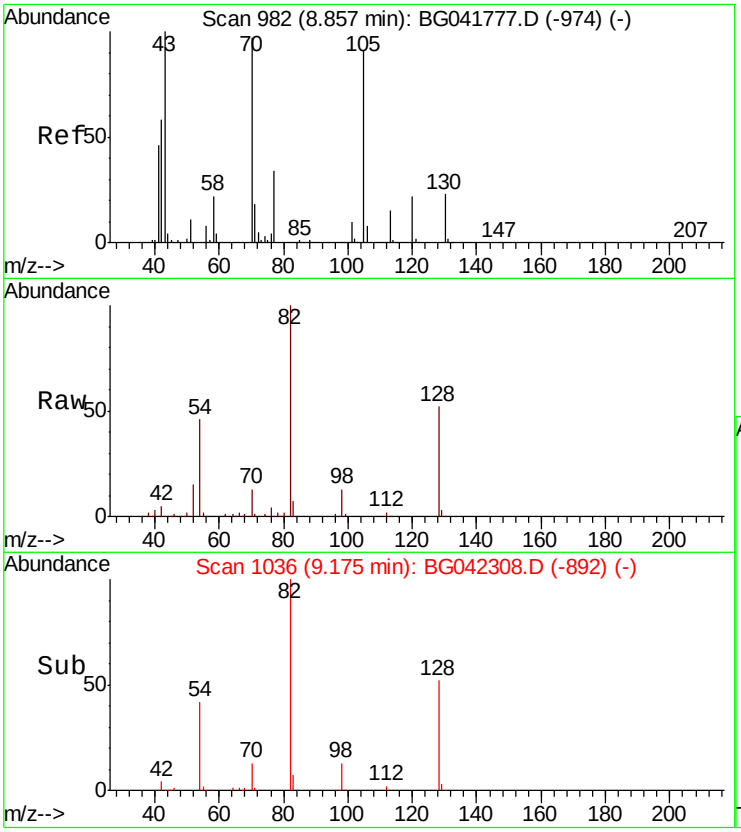


#7
Phenol-d6
Concen: 108.926 ng
RT: 7.17 min Scan# 694
Delta R.T. -0.03 min
Lab File: BG042308.D
Acq: 18 Aug 2019 4:56

Tgt Ion: 99 Resp: 477436

Ion	Ratio	Lower	Upper
99	100		
42	14.0	17.6	26.4#
71	31.4	27.8	41.6



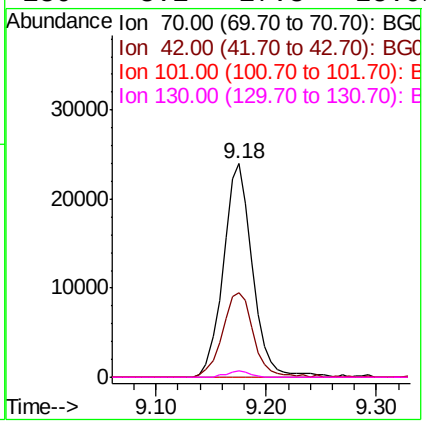


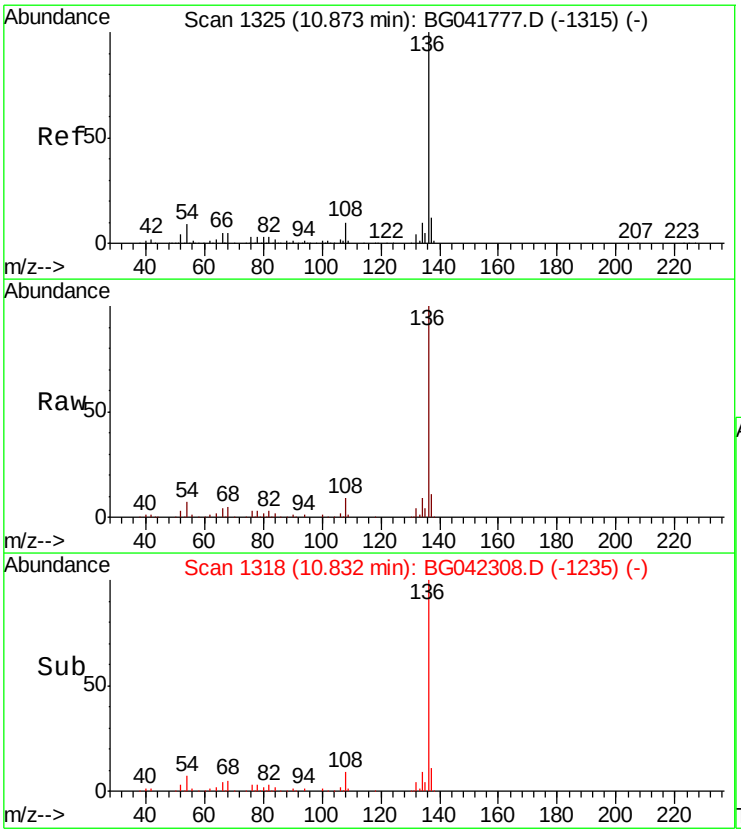
#19
n-Nitroso-di-n-propylamine
Concen: 13.928 ng
RT: 9.18 min Scan# 1036
Delta R.T. 0.32 min
Lab File: BG042308.D
Acq: 18 Aug 2019 4:56

Instrument :
BNA_G
ClientSampleId :
TP-20

Tgt Ion: 70 Resp: 44322

Ion	Ratio	Lower	Upper
70	100		
42	39.4	55.8	83.6#
101	0.0	8.1	12.1#
130	3.1	17.3	25.9#

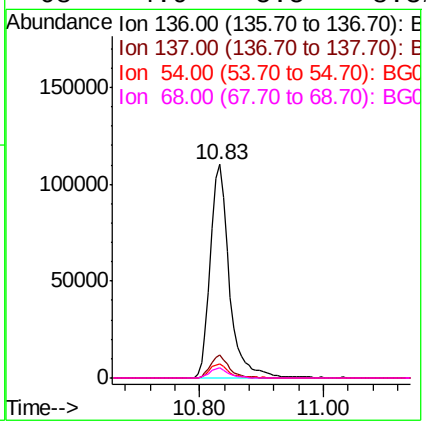


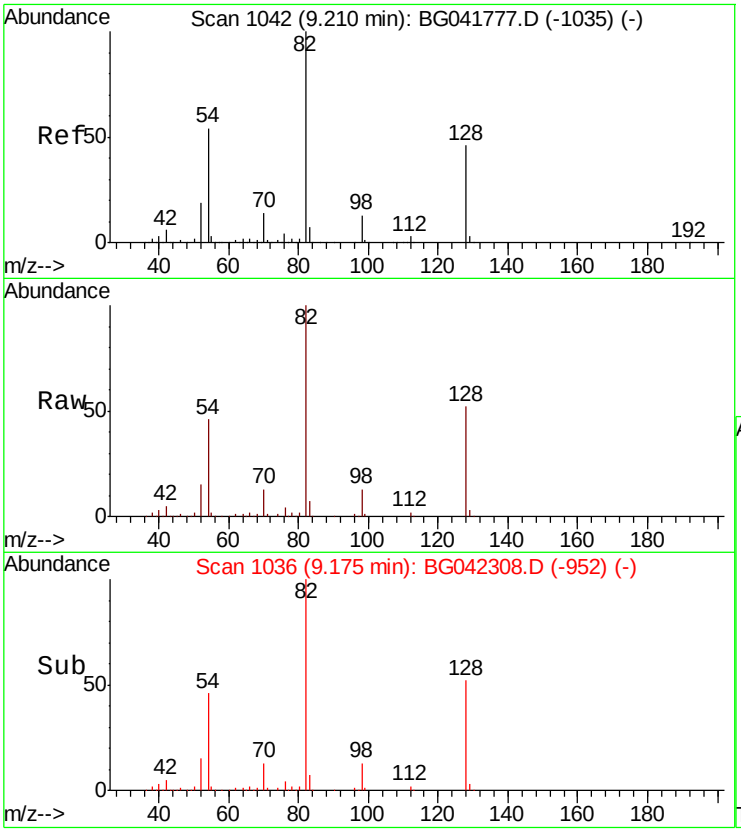


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.04 min
Lab File: BG042308.D
Acq: 18 Aug 2019 4:56

Tgt Ion:136 Resp: 234102

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	6.6	8.7	13.1#
68	4.9	5.5	8.3#



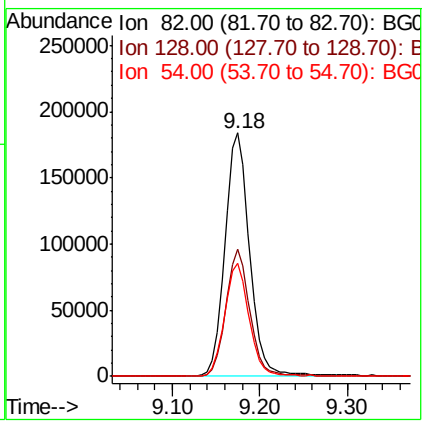


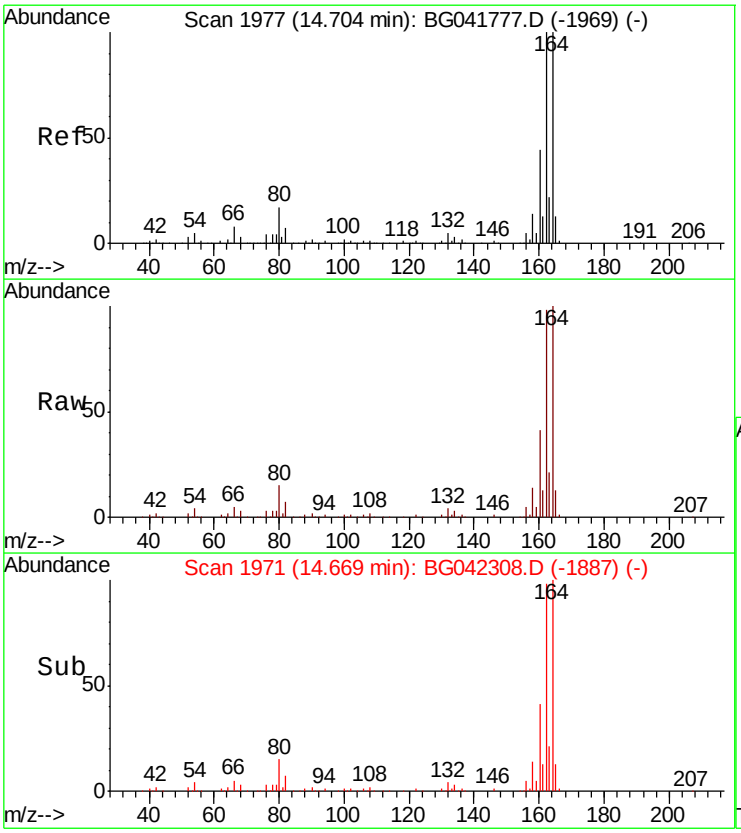
#23
Nitrobenzene-d5
Concen: 104.195 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.03 min
Lab File: BG042308.D
Acq: 18 Aug 2019 4:56

Instrument :
BNA_G
ClientSampleId :
TP-20

Tgt Ion: 82 Resp: 354456

Ion	Ratio	Lower	Upper
82	100		
128	52.3	35.1	52.7
54	46.2	48.7	73.1#

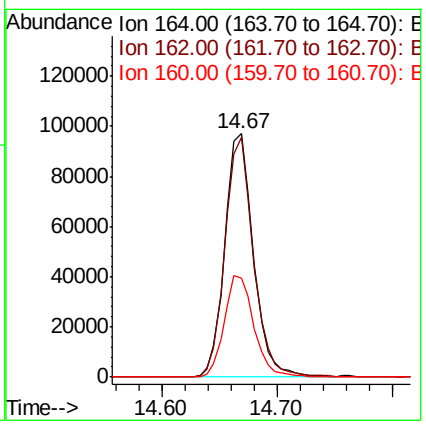


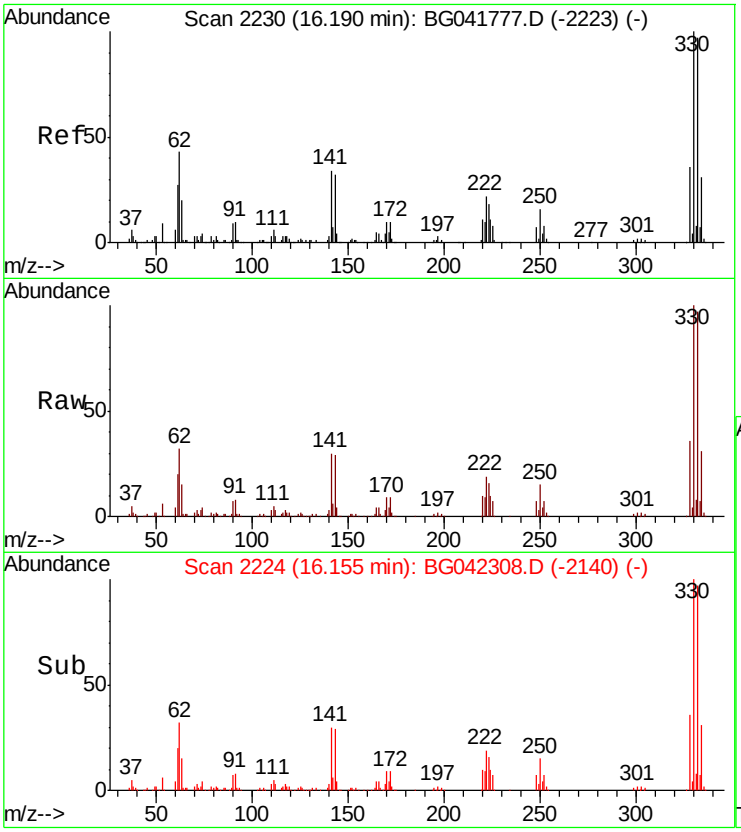


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.03 min
Lab File: BG042308.D
Acq: 18 Aug 2019 4:56

Tgt Ion:164 Resp: 166915

Ion	Ratio	Lower	Upper
164	100		
162	98.2	79.6	119.4
160	40.9	35.4	53.0



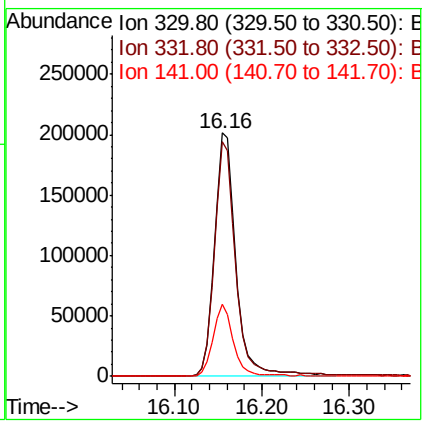


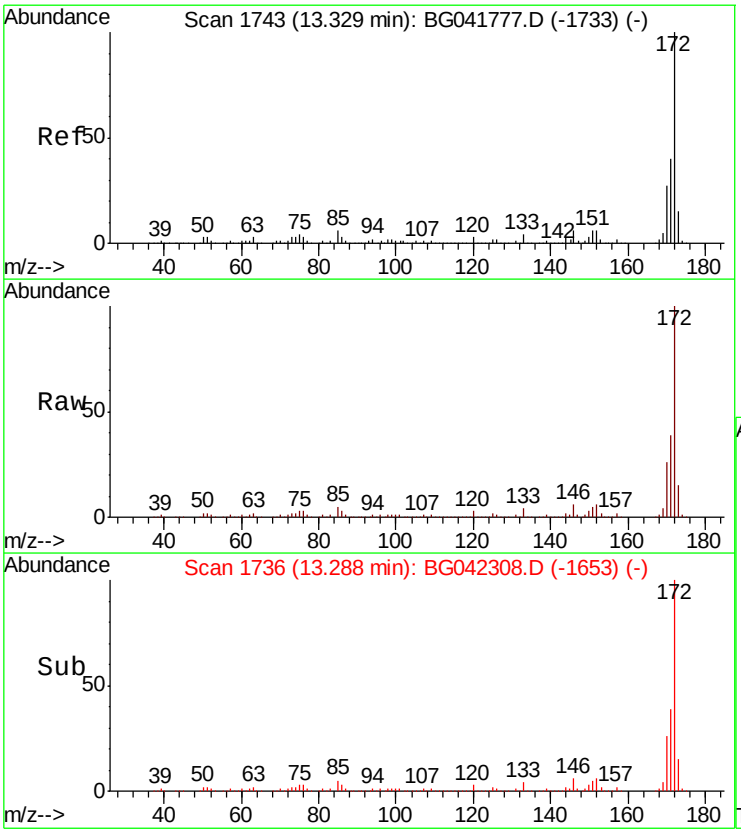
#42
2,4,6-Tribromophenol
Concen: 181.604 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.03 min
Lab File: BG042308.D
Acq: 18 Aug 2019 4:56

Instrument :
BNA_G
ClientSampleId :
TP-20

Tgt Ion:330 Resp: 344308

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.0
141	28.5	31.9	47.9#

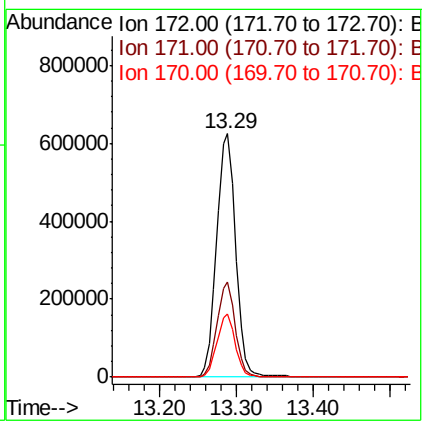


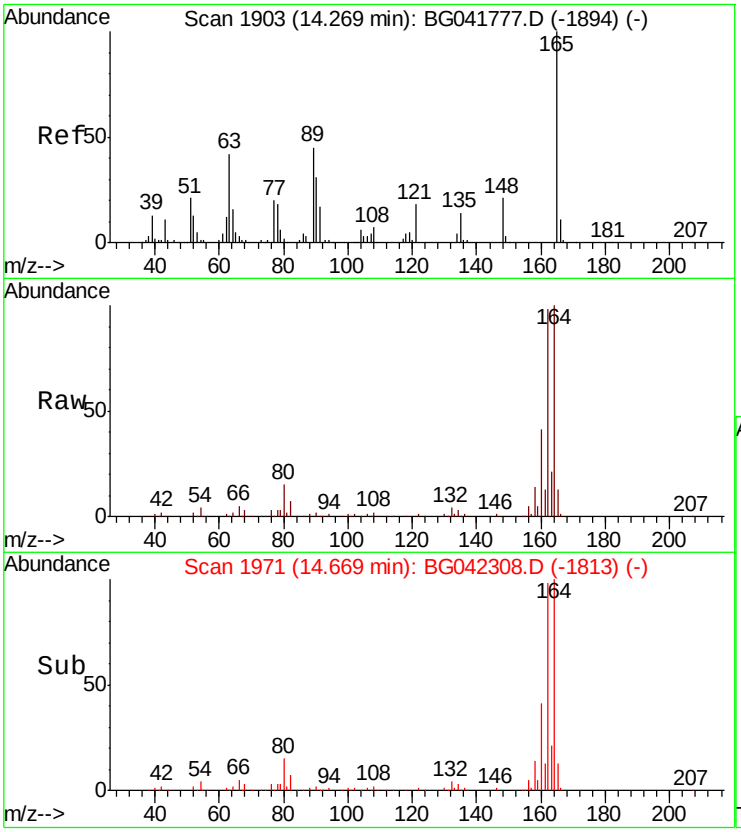


#45
2-Fluorobiphenyl
Concen: 113.220 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.04 min
Lab File: BG042308.D
Acq: 18 Aug 2019 4:56

Tgt Ion:172 Resp: 1071491

Ion	Ratio	Lower	Upper
172	100		
171	39.0	35.0	52.4
170	26.1	23.5	35.3



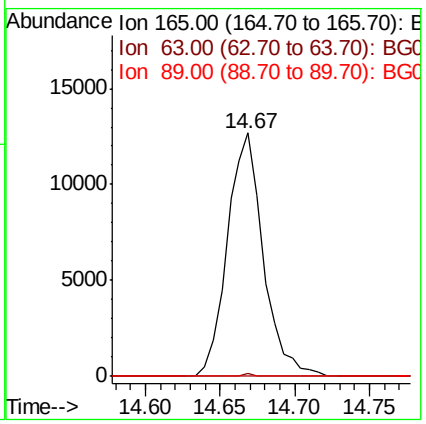


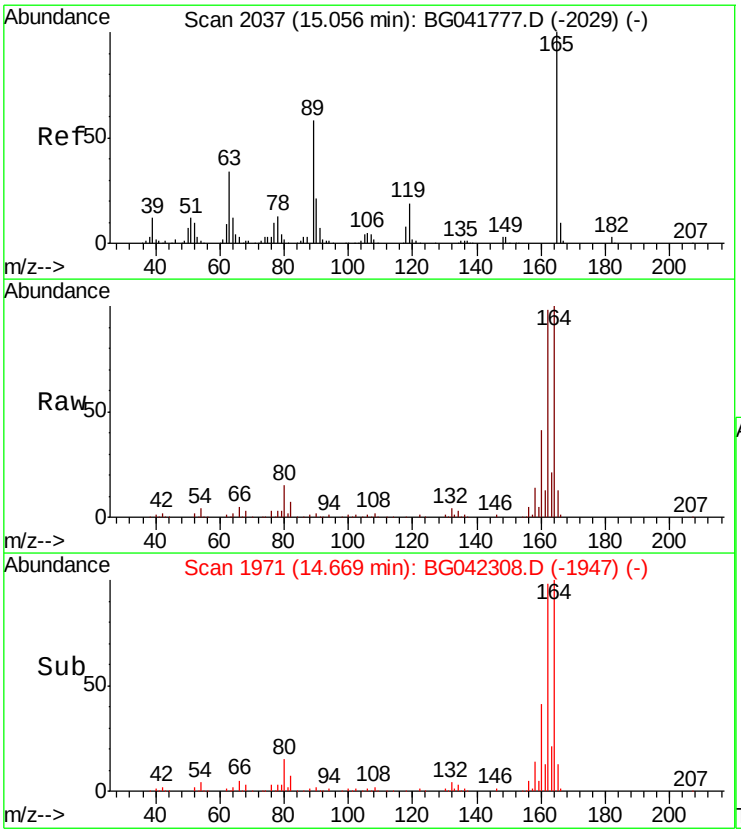
#51
2,6-Dinitrotoluene
Concen: 8.903 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.40 min
Lab File: BG042308.D
Acq: 18 Aug 2019 4:56

Instrument :
BNA_G
ClientSampleId :
TP-20

Tgt Ion:165 Resp: 21222

Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.4	63.6#
89	0.0	42.1	63.1#

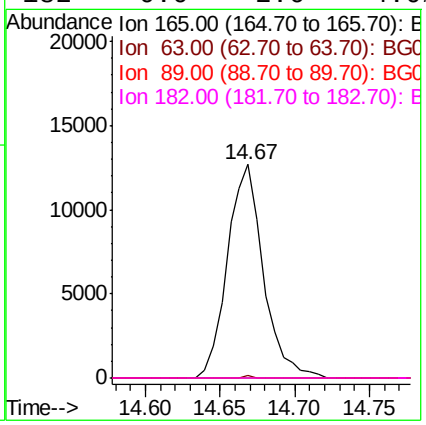


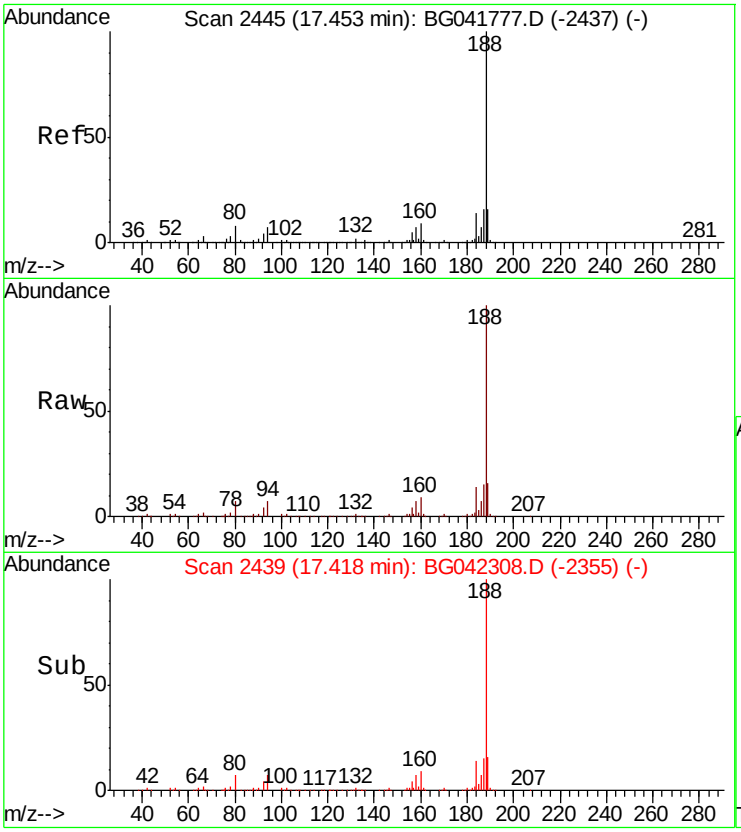


#57
2,4-Dinitrotoluene
Concen: 6.474 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.39 min
Lab File: BG042308.D
Acq: 18 Aug 2019 4:56

Tgt Ion:165 Resp: 21222

Ion	Ratio	Lower	Upper
165	100		
63	1.4	31.7	47.5#
89	0.0	50.2	75.4#
182	0.0	2.6	4.0#



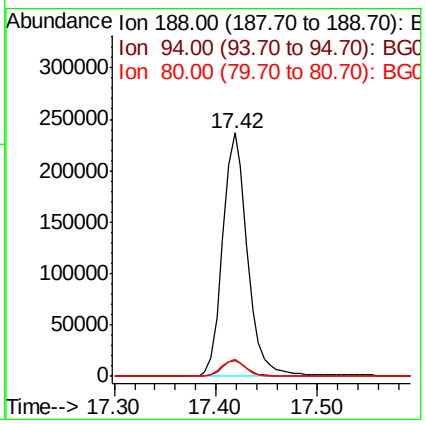


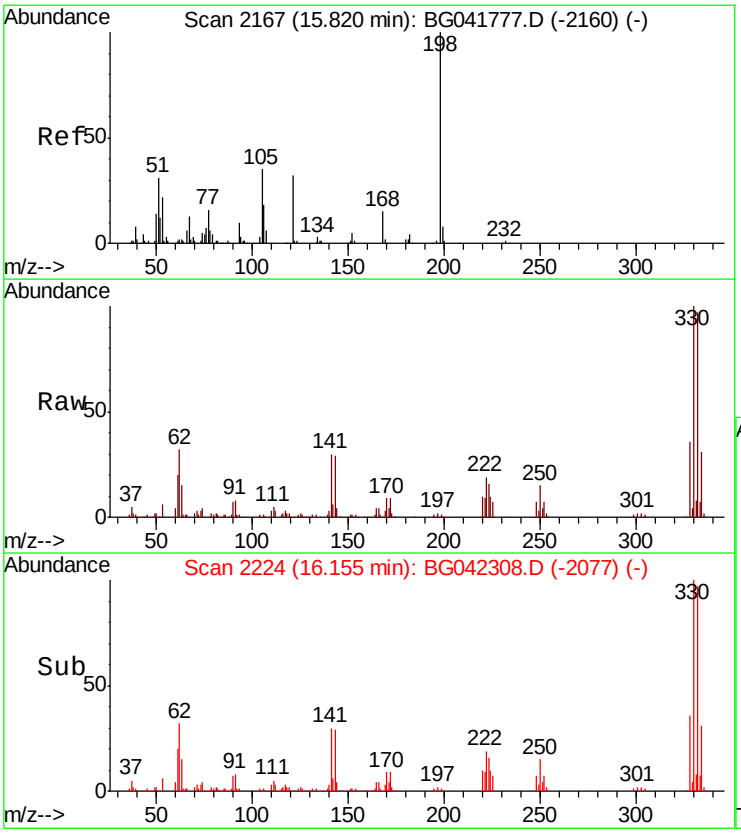
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.03 min
Lab File: BG042308.D
Acq: 18 Aug 2019 4:56

Instrument :
BNA_G
ClientSampleId :
TP-20

Tgt Ion:188 Resp: 403149

Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	7.1	8.0	12.0#

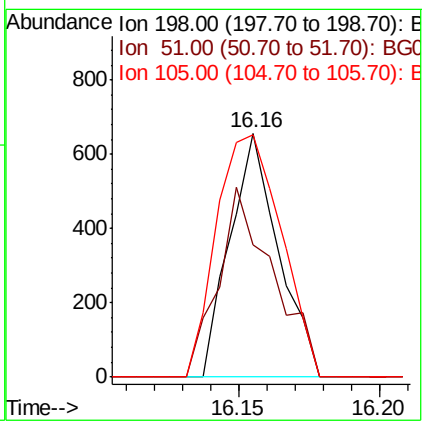


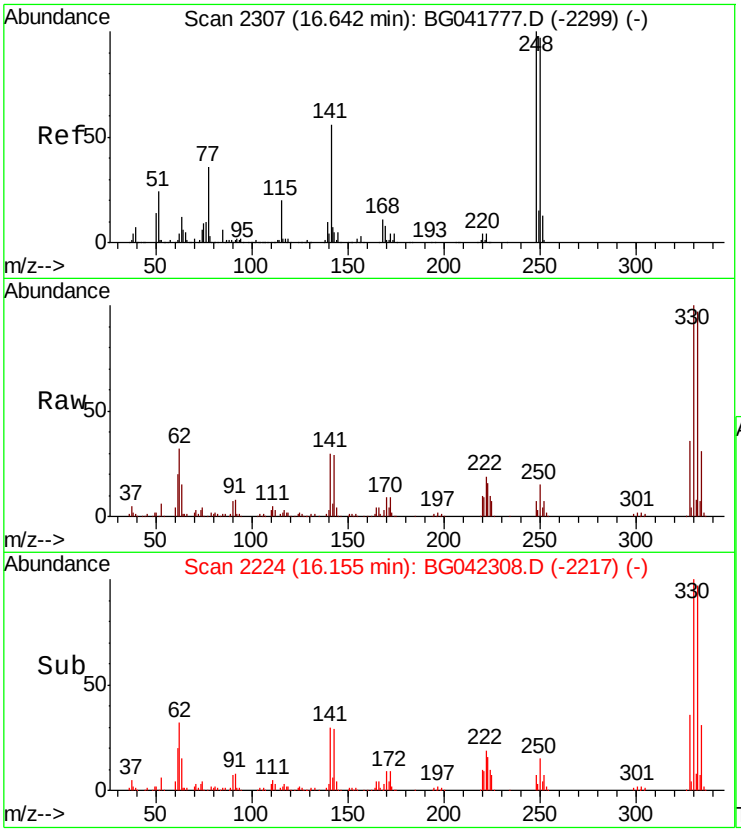


#65
4,6-Dinitro-2-methylphenol
Concen: 7.192 ng
RT: 16.16 min Scan# 2224
Delta R.T. 0.34 min
Lab File: BG042308.D
Acq: 18 Aug 2019 4:56

Tgt Ion:198 Resp: 781

Ion	Ratio	Lower	Upper
198	100		
51	54.4	22.3	62.3
105	99.7	18.0	58.0#



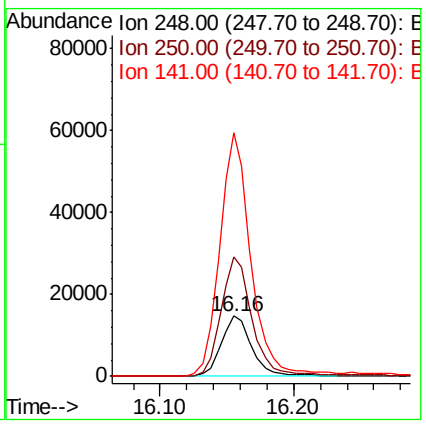


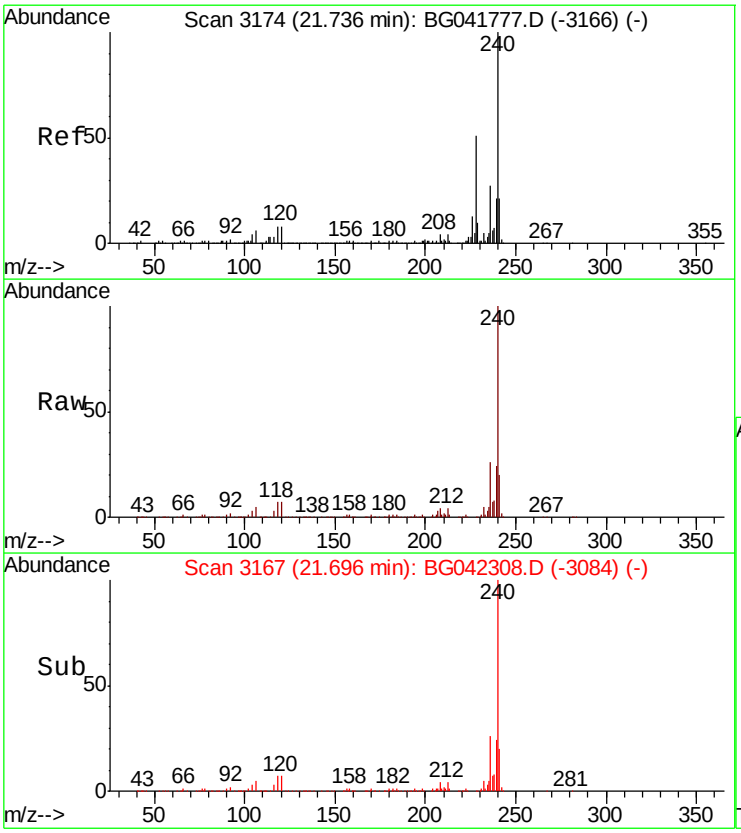
#67
4-Bromophenyl-phenylether
Concen: 4.831 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.49 min
Lab File: BG042308.D
Acq: 18 Aug 2019 4:56

Instrument :
BNA_G
ClientSampleId :
TP-20

Tgt Ion:248 Resp: 23990

Ion	Ratio	Lower	Upper
248	100		
250	198.8	78.1	117.1#
141	403.2	49.6	74.4#

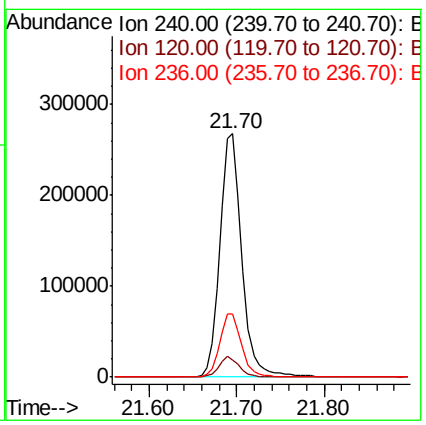


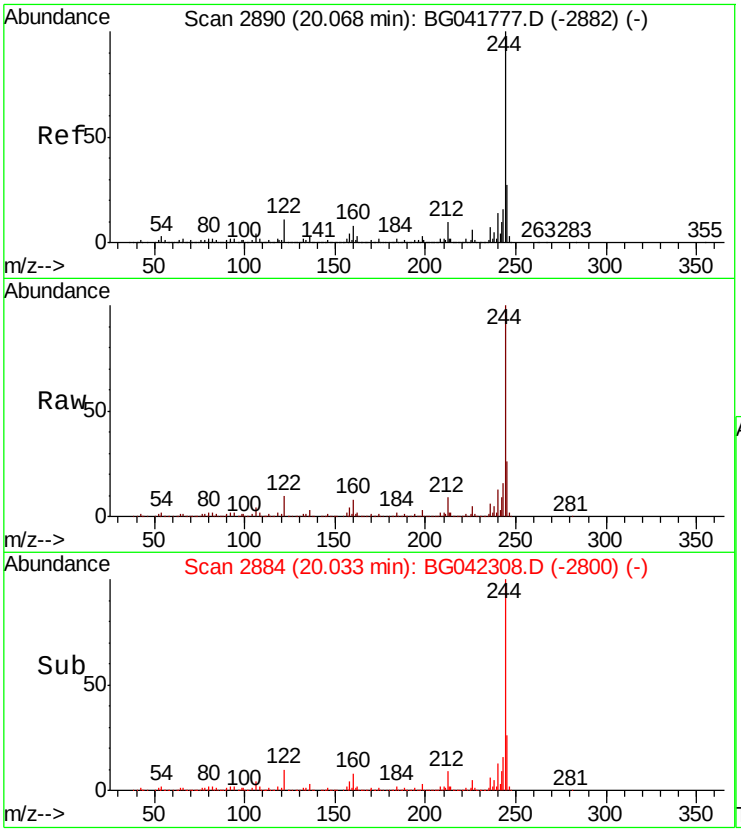


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.04 min
Lab File: BG042308.D
Acq: 18 Aug 2019 4:56

Tgt Ion:240 Resp: 463789

Ion	Ratio	Lower	Upper
240	100		
120	7.2	8.0	12.0#
236	26.0	22.6	33.8



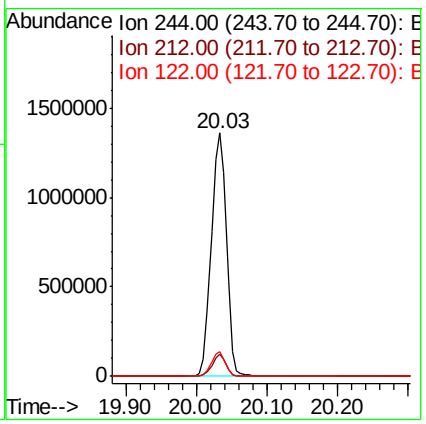


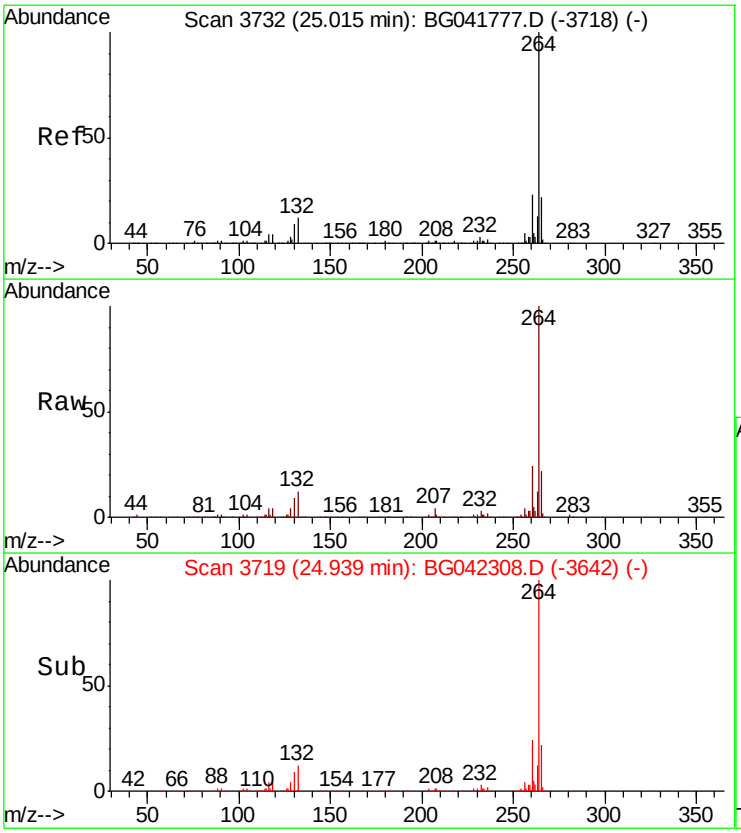
#79
Terphenyl-d14
Concen: 100.636 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.03 min
Lab File: BG042308.D
Acq: 18 Aug 2019 4:56

Instrument :
BNA_G
ClientSampleId :
TP-20

Tgt Ion:244 Resp: 2039717

Ion	Ratio	Lower	Upper
244	100		
212	9.0	9.7	14.5#
122	10.2	12.5	18.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. -0.08 min
Lab File: BG042308.D
Acq: 18 Aug 2019 4:56

Tgt Ion:264 Resp: 516923

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.9	18.0	27.0