Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081719\
Data File : BG042300.D
Acq On : 17 Aug 2019 23:47
Operator : HP/JU
Sample : K4090-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-02-081519

Quant Time: Aug 19 06:02:04 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	54171	20.00	ng	-0.04
21) Naphthalene-d8	10.83	136	206953	20.00	ng	-0.04
39) Acenaphthene-d10	14.67	164	145228	20.00	ng	-0.04
64) Phenanthrene-d10	17.42	188	351842	20.00	ng	-0.04
76) Chrysene-d12	21.69	240	410333	20.00	ng	-0.04
87) Perylene-d12	24.94	264	474642	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	384326	138.04	ng	-0.03
7) Phenol-d6	7.17	99	451157	120.19	ng	-0.03
23) Nitrobenzene-d5	9.17	82	326698	108.63	ng	-0.04
42) 2,4,6-Tribromophenol	16.16	330	332880	201.80	ng	-0.03
45) 2-Fluorobiphenyl	13.28	172	981319	119.18	ng	-0.04
79) Terphenyl-d14	20.03	244	1939735	108.17	ng	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	21029	16.047	ng	# 1
19) n-Nitroso-di-n-propylamine	9.17	70	41471	15.218	ng	# 65
51) 2,6-Dinitrotoluene	14.67	165	18623	8.979	ng	# 25
57) 2,4-Dinitrotoluene	14.67	165	18623	6.529	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.15	198	570	7.136	ng	# 1
67) 4-Bromophenyl-phenylether	16.16	248	22409	5.170	ng	# 1

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

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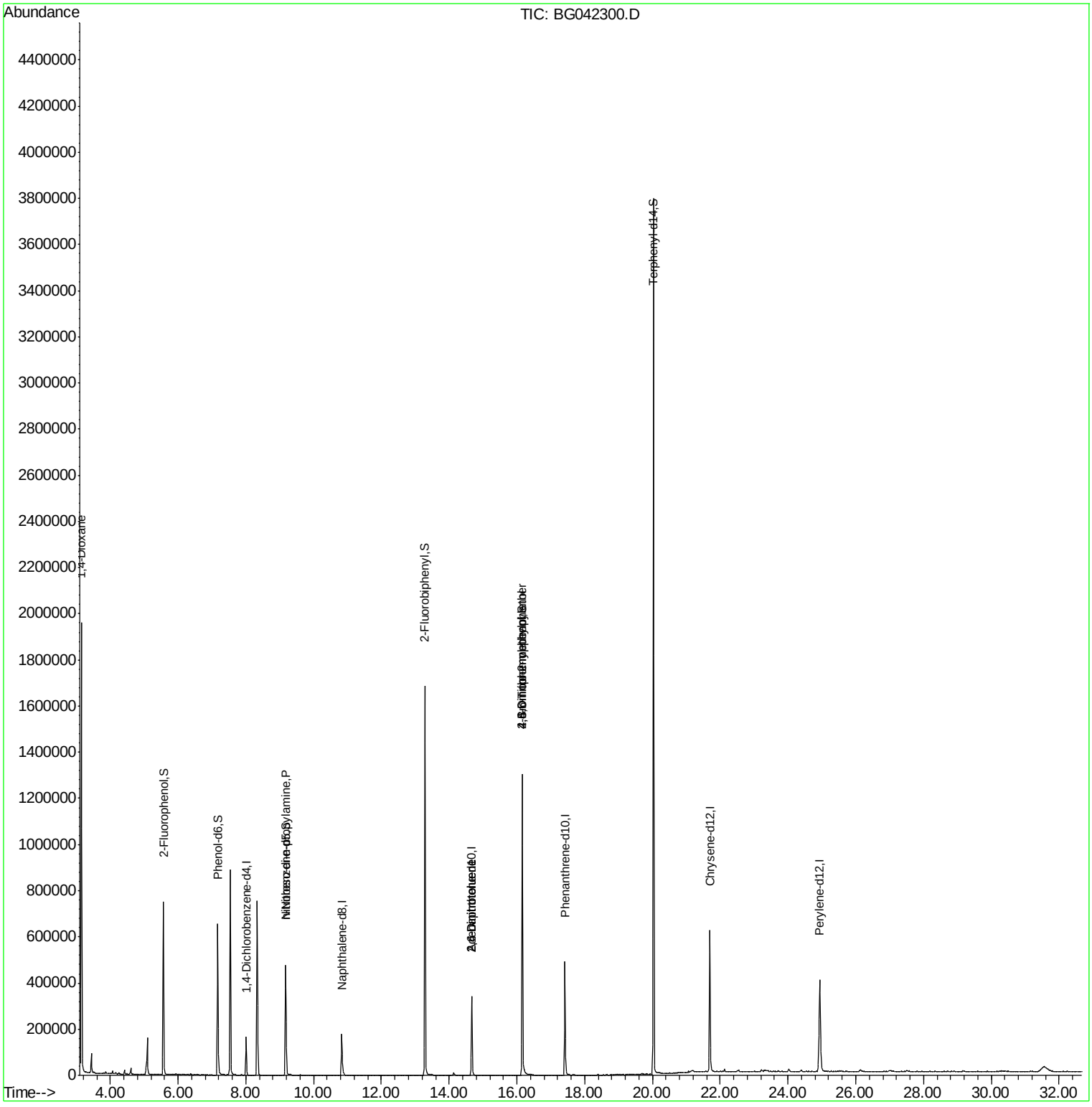
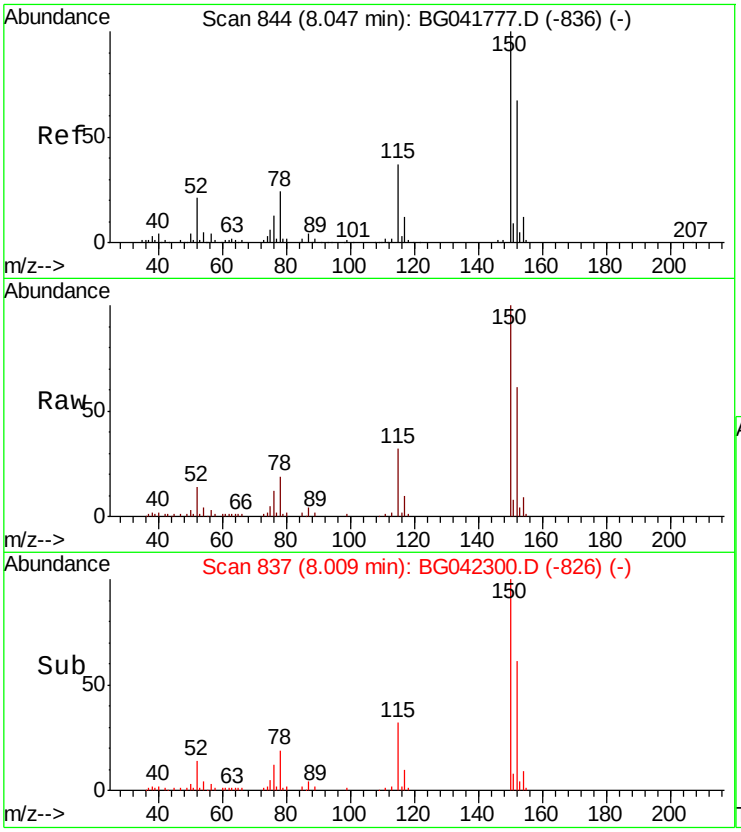


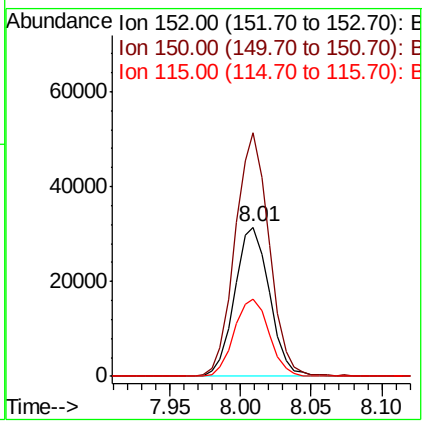


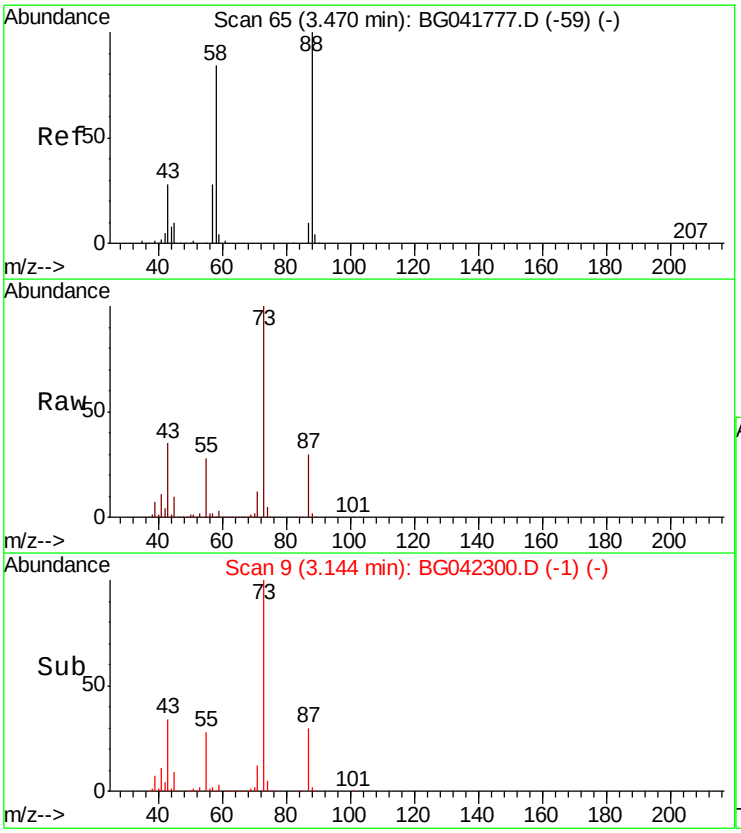
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.04 min
Lab File: BG042300.D
Acq: 17 Aug 2019 23:47

Instrument :
BNA_G
ClientSampleId :
OR-02-081519

Tgt Ion:152 Resp: 54171

Ion	Ratio	Lower	Upper
152	100		
150	162.9	126.9	190.3
115	51.4	45.0	67.6

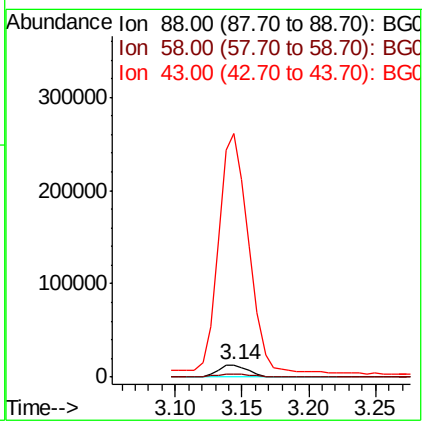


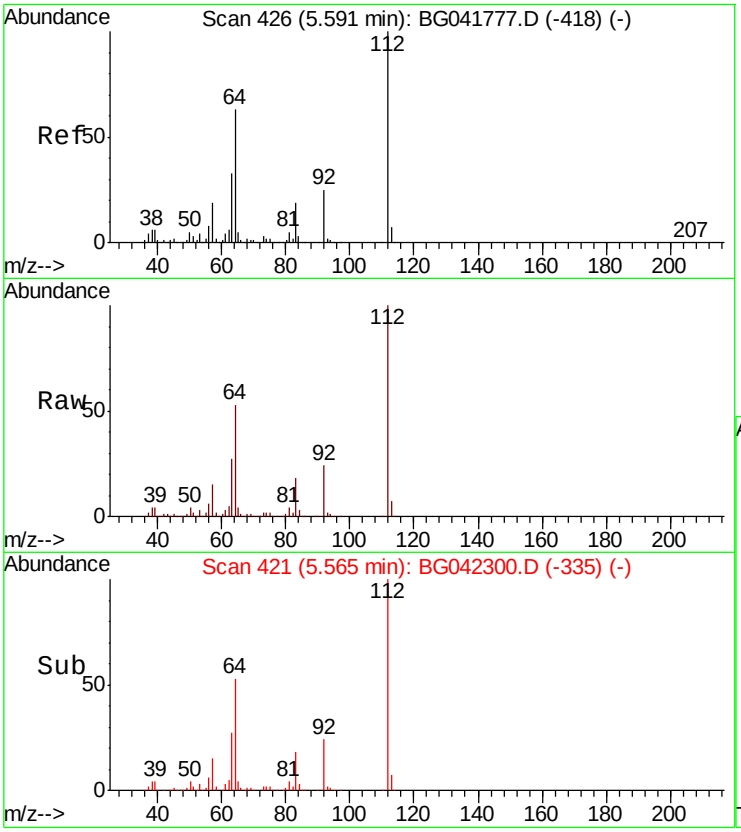


#2
1,4-Dioxane
Concen: 16.047 ng
RT: 3.14 min Scan# 9
Delta R.T. -0.33 min
Lab File: BG042300.D
Acq: 17 Aug 2019 23:47

Tgt Ion: 88 Resp: 21029

Ion	Ratio	Lower	Upper
88	100		
58	26.2	76.2	114.2#
43	1969.0	27.2	40.8#



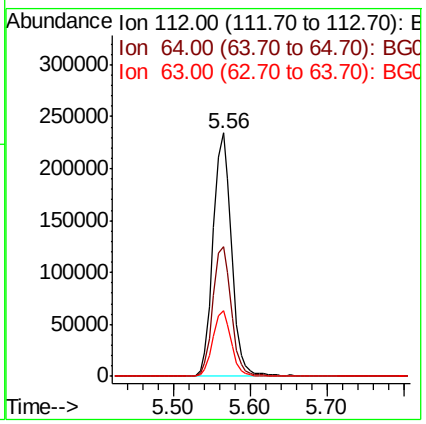


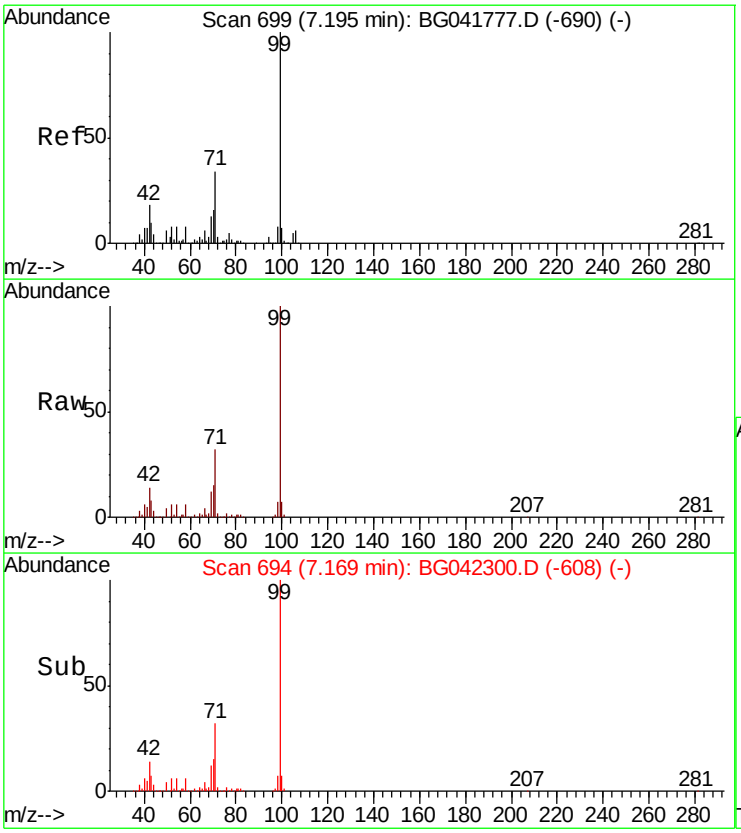
#5
2-Fluorophenol
Concen: 138.036 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.03 min
Lab File: BG042300.D
Acq: 17 Aug 2019 23:47

Instrument :
BNA_G
ClientSampleId :
OR-02-081519

Tgt Ion:112 Resp: 384326

Ion	Ratio	Lower	Upper
112	100		
64	53.4	55.4	83.2#
63	26.9	29.1	43.7#

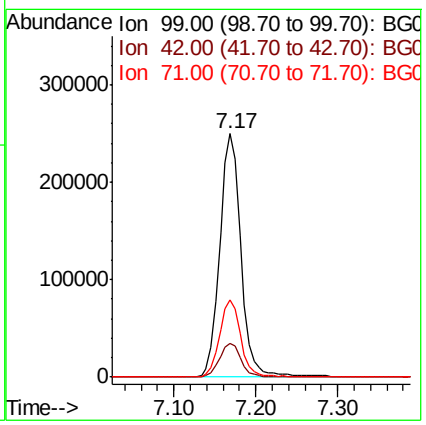


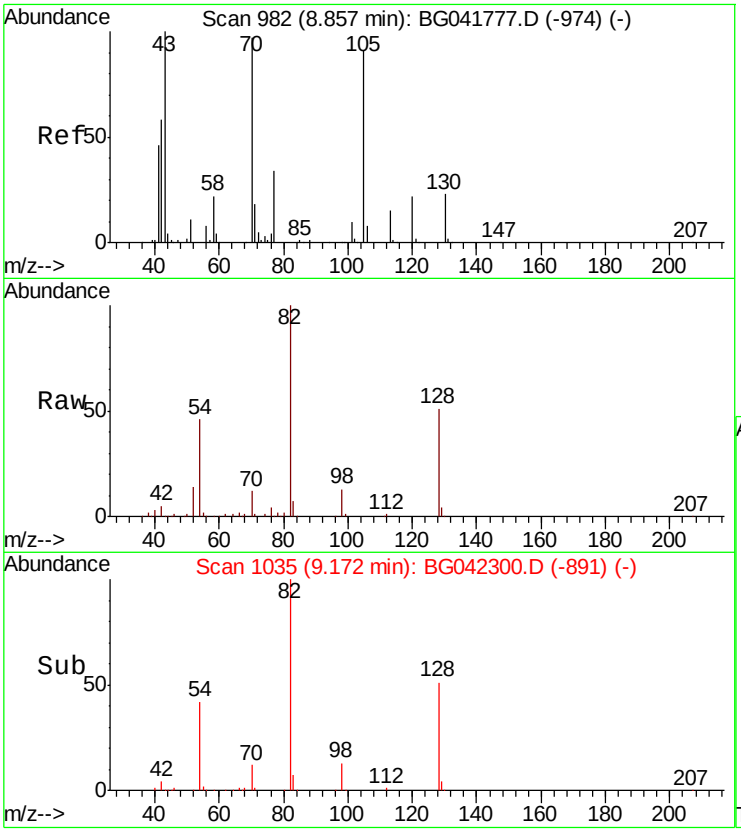


#7
Phenol-d6
Concen: 120.192 ng
RT: 7.17 min Scan# 694
Delta R.T. -0.03 min
Lab File: BG042300.D
Acq: 17 Aug 2019 23:47

Tgt Ion: 99 Resp: 451157

Ion	Ratio	Lower	Upper
99	100		
42	14.1	17.6	26.4#
71	31.9	27.8	41.6



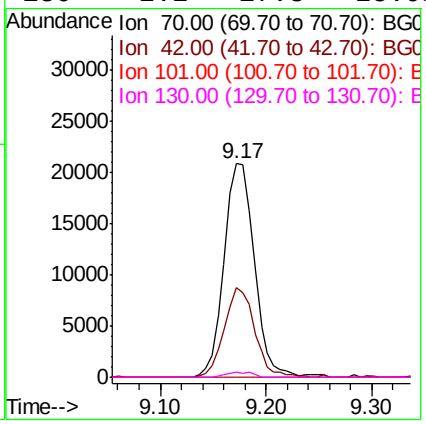


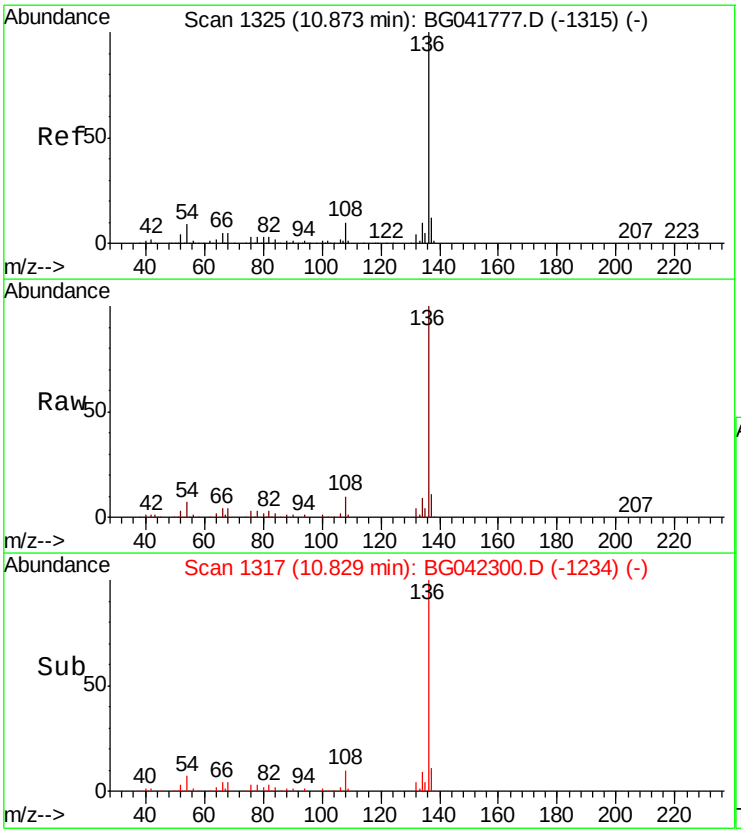
#19
n-Nitroso-di-n-propylamine
Concen: 15.218 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.31 min
Lab File: BG042300.D
Acq: 17 Aug 2019 23:47

Instrument :
BNA_G
ClientSampleId :
OR-02-081519

Tgt Ion: 70 Resp: 41471

Ion	Ratio	Lower	Upper
70	100		
42	41.8	55.8	83.6#
101	0.0	8.1	12.1#
130	2.2	17.3	25.9#

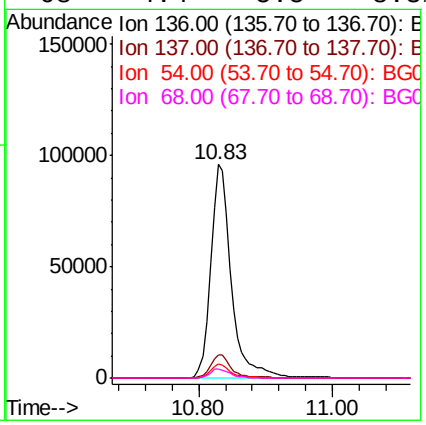


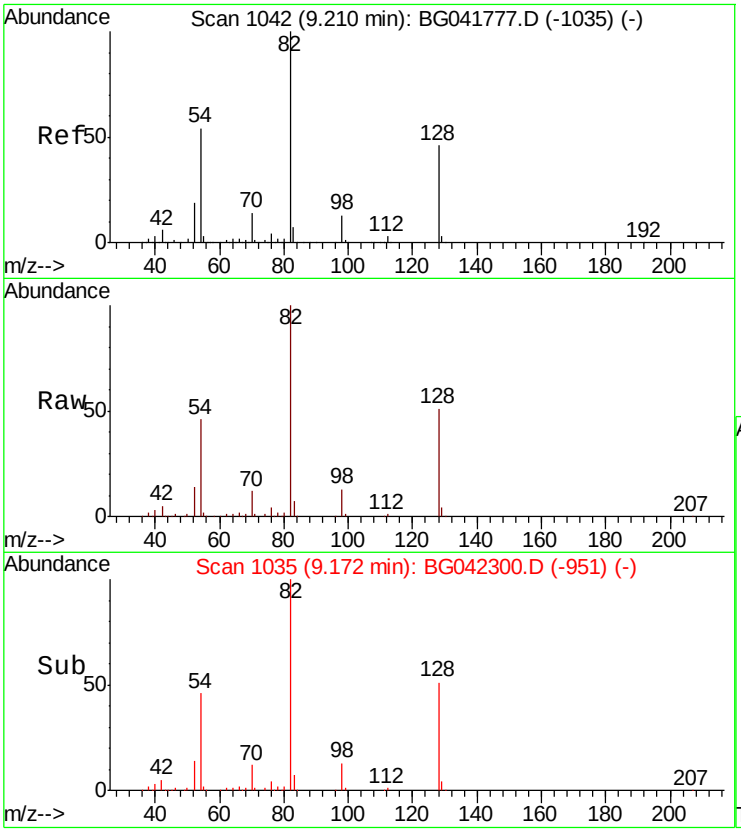


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.04 min
Lab File: BG042300.D
Acq: 17 Aug 2019 23:47

Tgt Ion:136 Resp: 206953

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	6.5	8.7	13.1#
68	4.4	5.5	8.3#



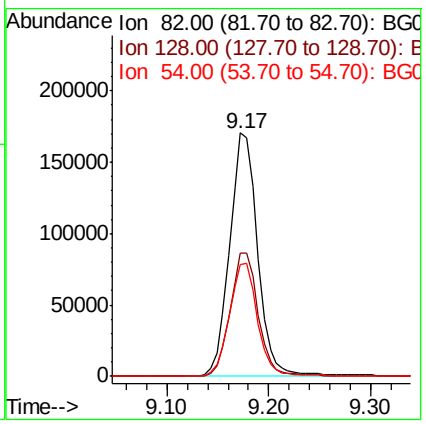


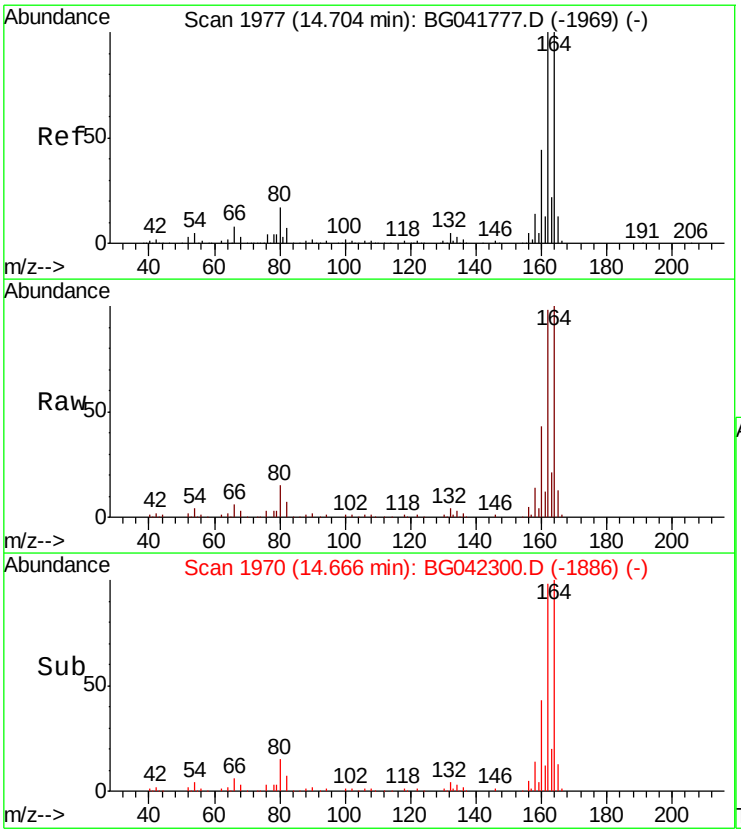
#23
Nitrobenzene-d5
Concen: 108.634 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.04 min
Lab File: BG042300.D
Acq: 17 Aug 2019 23:47

Instrument :
BNA_G
ClientSampleId :
OR-02-081519

Tgt Ion: 82 Resp: 326698

Ion	Ratio	Lower	Upper
82	100		
128	50.8	35.1	52.7
54	46.0	48.7	73.1#

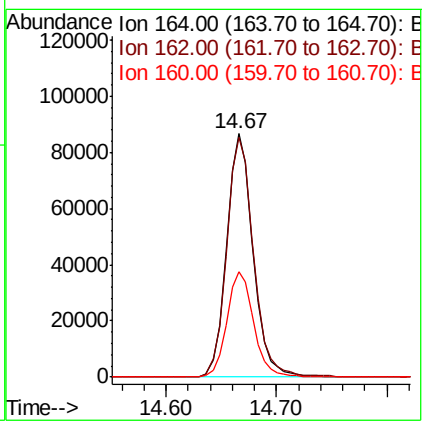


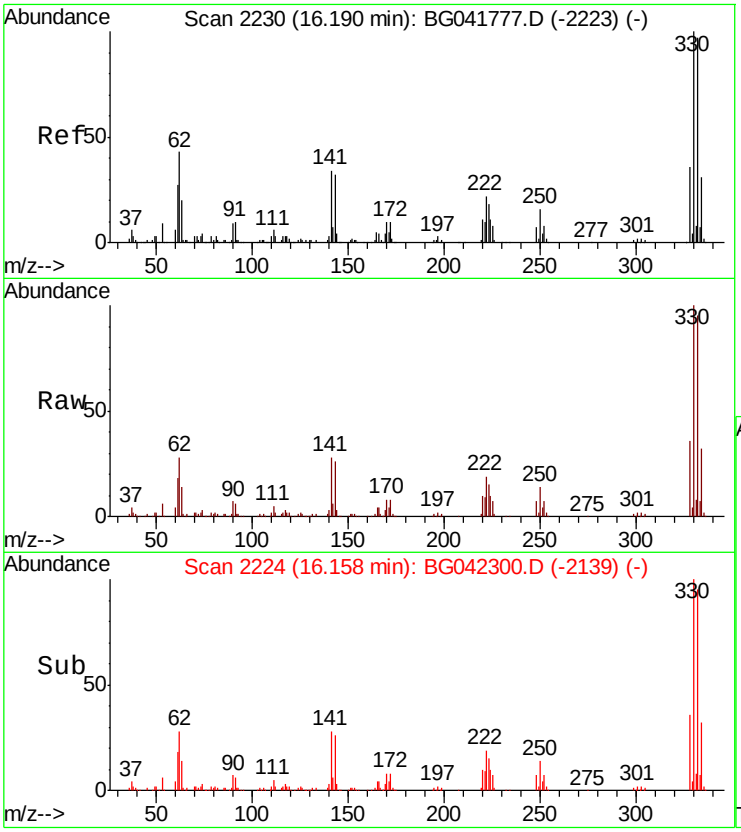


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.04 min
Lab File: BG042300.D
Acq: 17 Aug 2019 23:47

Tgt Ion:164 Resp: 145228

Ion	Ratio	Lower	Upper
164	100		
162	98.4	79.6	119.4
160	43.1	35.4	53.0



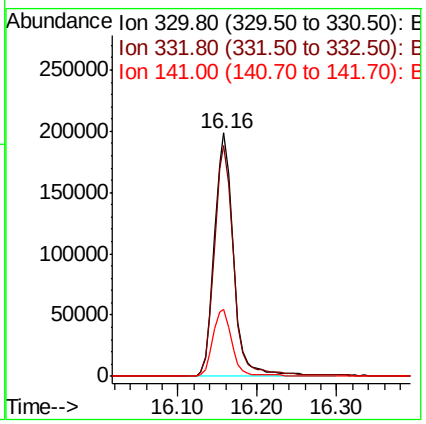


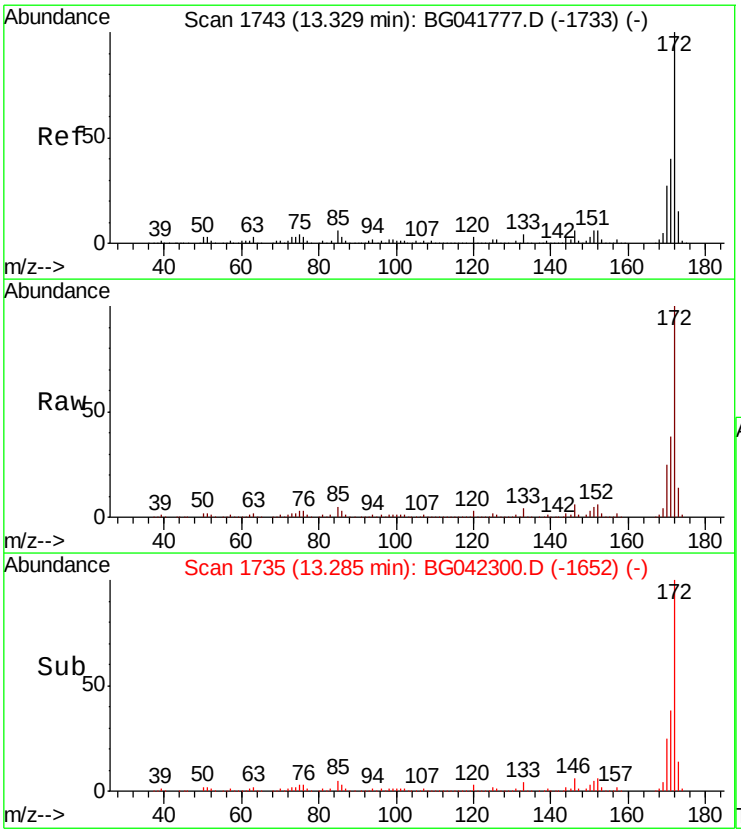
#42
2,4,6-Tribromophenol
Concen: 201.795 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.03 min
Lab File: BG042300.D
Acq: 17 Aug 2019 23:47

Instrument :
BNA_G
ClientSampleId :
OR-02-081519

Tgt Ion:330 Resp: 332880

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.4	116.0
141	27.9	31.9	47.9#

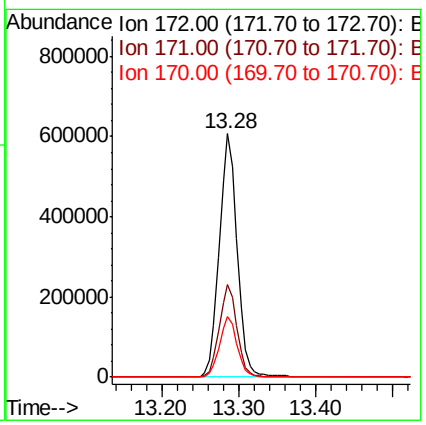


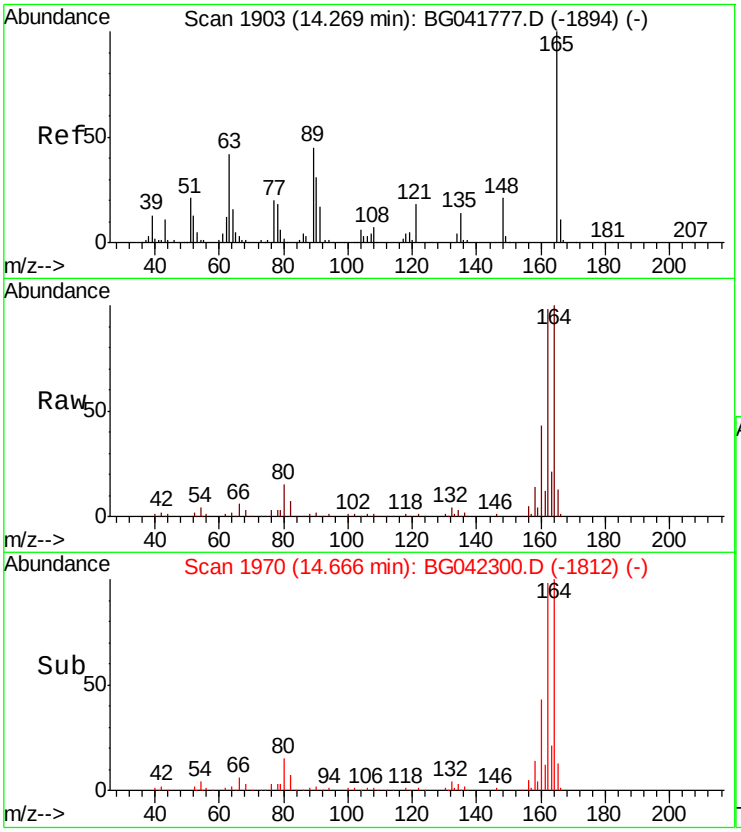


#45
2-Fluorobiphenyl
Concen: 119.176 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.04 min
Lab File: BG042300.D
Acq: 17 Aug 2019 23:47

Tgt Ion:172 Resp: 981319

Ion	Ratio	Lower	Upper
172	100		
171	38.2	35.0	52.4
170	25.1	23.5	35.3



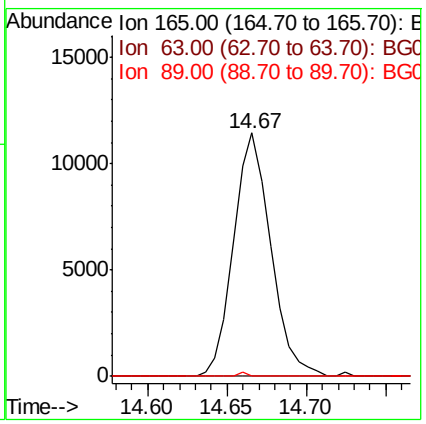


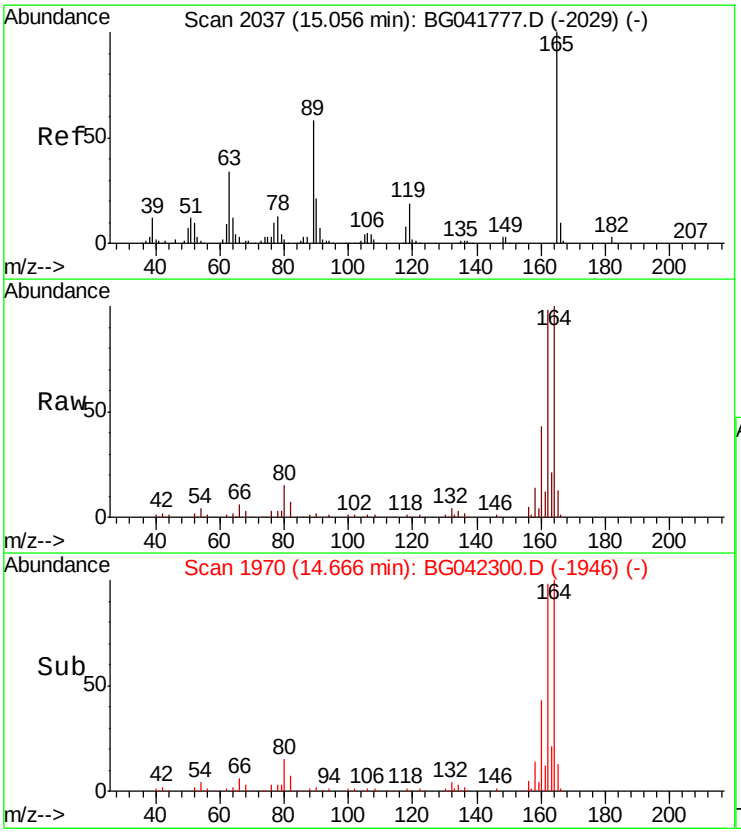
#51
2,6-Dinitrotoluene
Concen: 8.979 ng
RT: 14.67 min Scan# 1970
Delta R.T. 0.40 min
Lab File: BG042300.D
Acq: 17 Aug 2019 23:47

Instrument :
BNA_G
ClientSampleId :
OR-02-081519

Tgt Ion:165 Resp: 18623

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

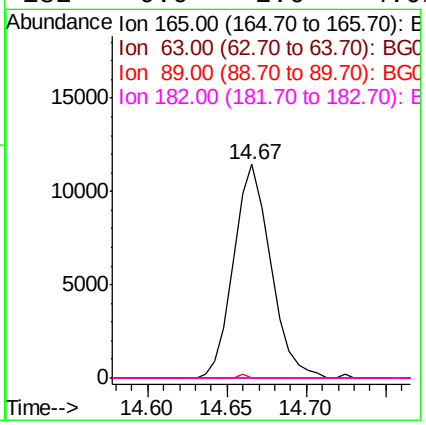


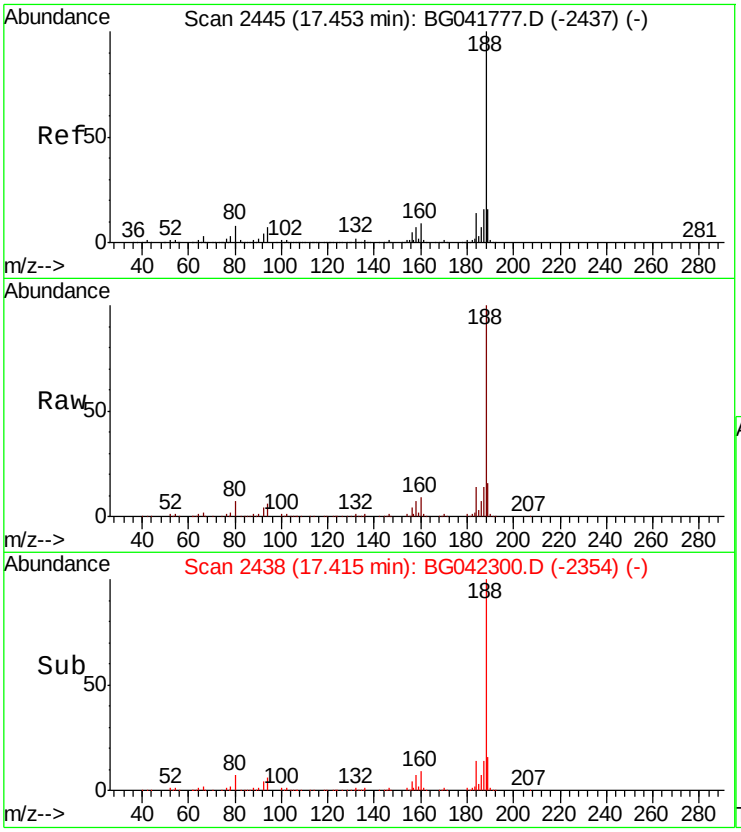


#57
2,4-Dinitrotoluene
Concen: 6.529 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.39 min
Lab File: BG042300.D
Acq: 17 Aug 2019 23:47

Tgt Ion:165 Resp: 18623

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



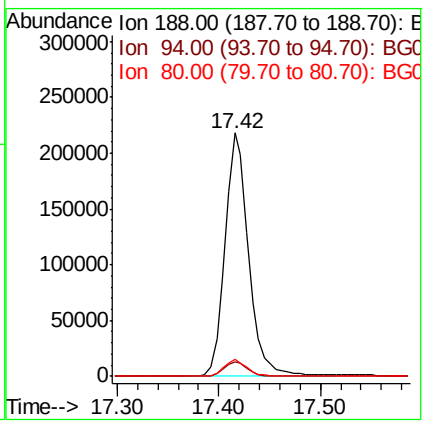


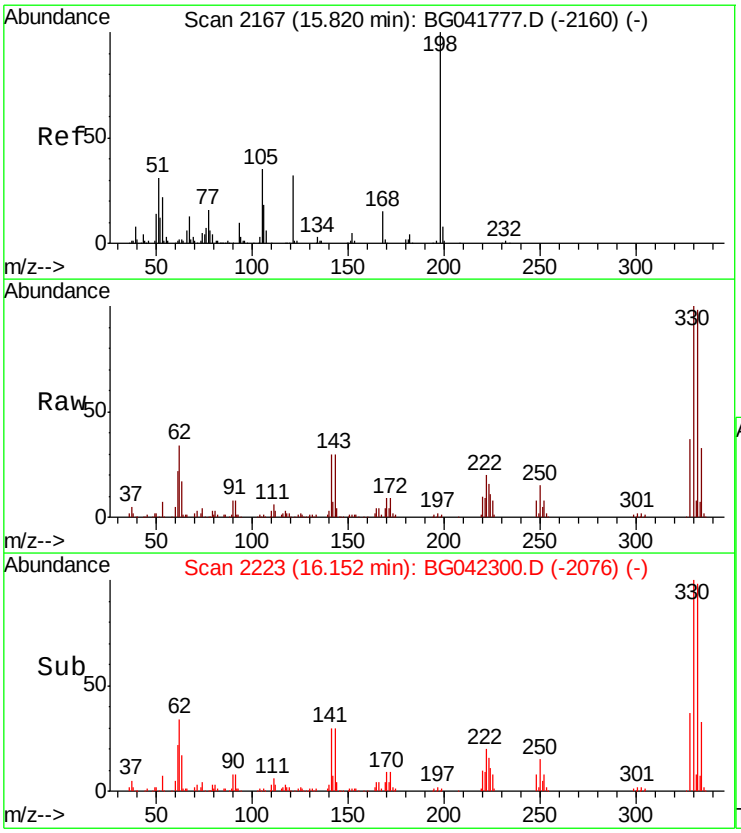
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2438
Delta R.T. -0.04 min
Lab File: BG042300.D
Acq: 17 Aug 2019 23:47

Instrument :
BNA_G
ClientSampleId :
OR-02-081519

Tgt Ion:188 Resp: 351842

Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	6.8	8.0	12.0#

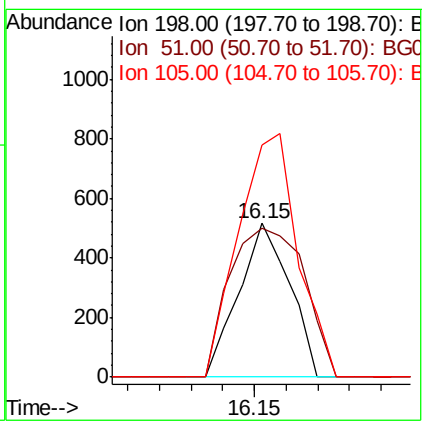


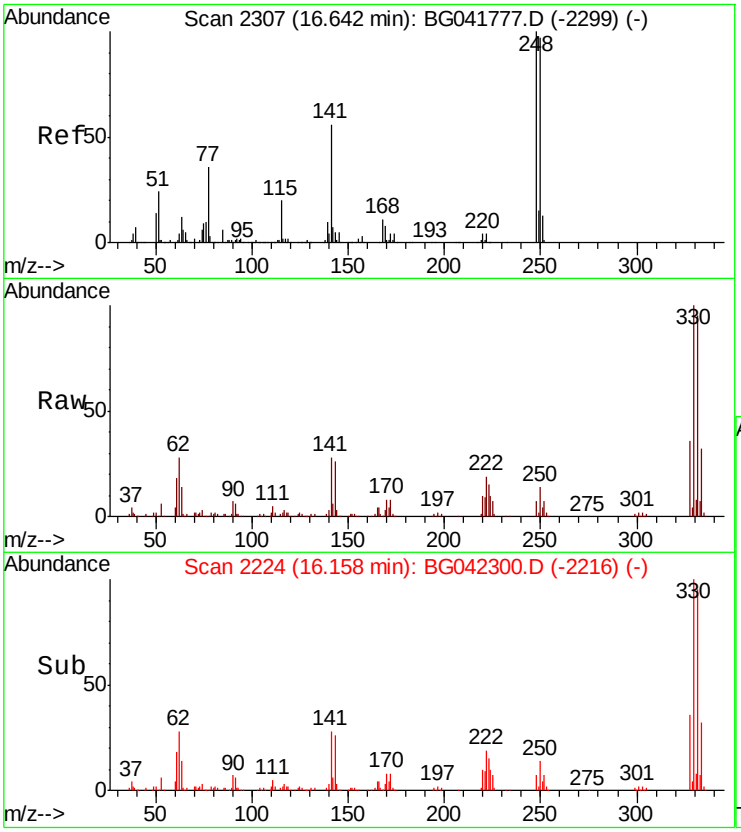


#65
4,6-Dinitro-2-methylphenol
Concen: 7.136 ng
RT: 16.15 min Scan# 2223
Delta R.T. 0.33 min
Lab File: BG042300.D
Acq: 17 Aug 2019 23:47

Tgt Ion:198 Resp: 570

Ion	Ratio	Lower	Upper
198	100		
51	97.5	22.3	62.3#
105	151.3	18.0	58.0#



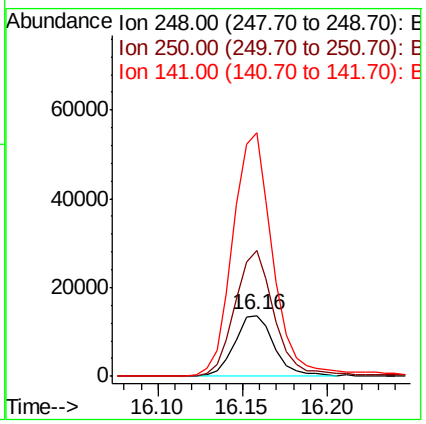


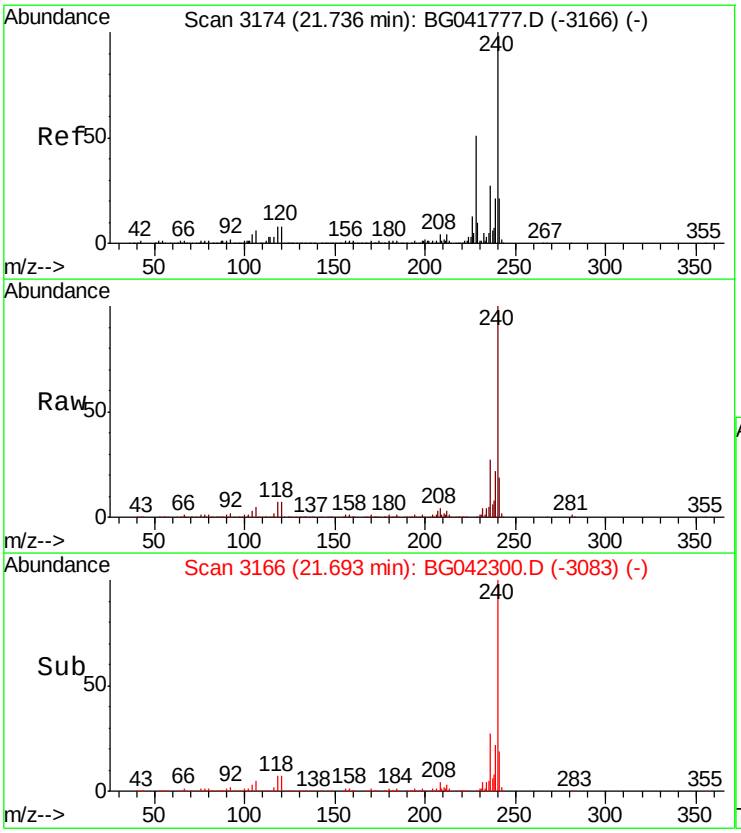
#67
4-Bromophenyl-phenylether
Concen: 5.170 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.48 min
Lab File: BG042300.D
Acq: 17 Aug 2019 23:47

Instrument :
BNA_G
ClientSampleId :
OR-02-081519

Tgt Ion:248 Resp: 22409

Ion	Ratio	Lower	Upper
248	100		
250	207.1	78.1	117.1#
141	399.1	49.6	74.4#

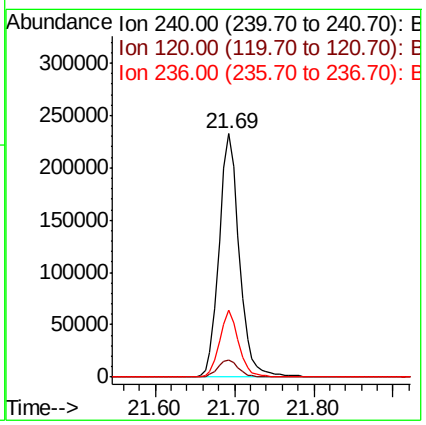


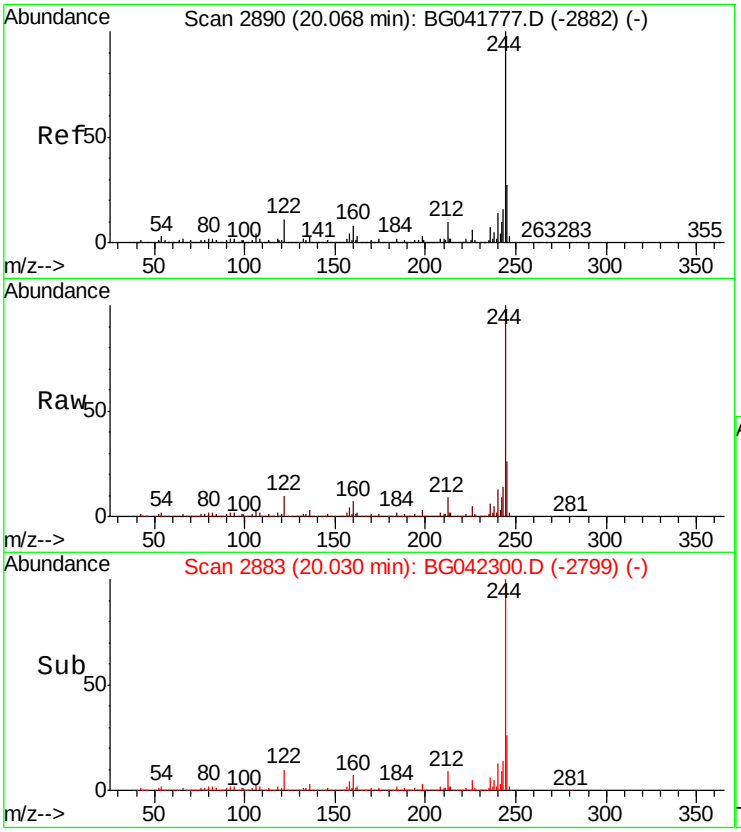


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.04 min
Lab File: BG042300.D
Acq: 17 Aug 2019 23:47

Tgt Ion:240 Resp: 410333

Ion	Ratio	Lower	Upper
240	100		
120	7.1	8.0	12.0#
236	27.5	22.6	33.8



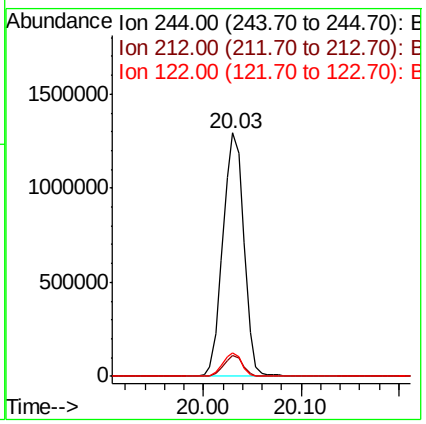


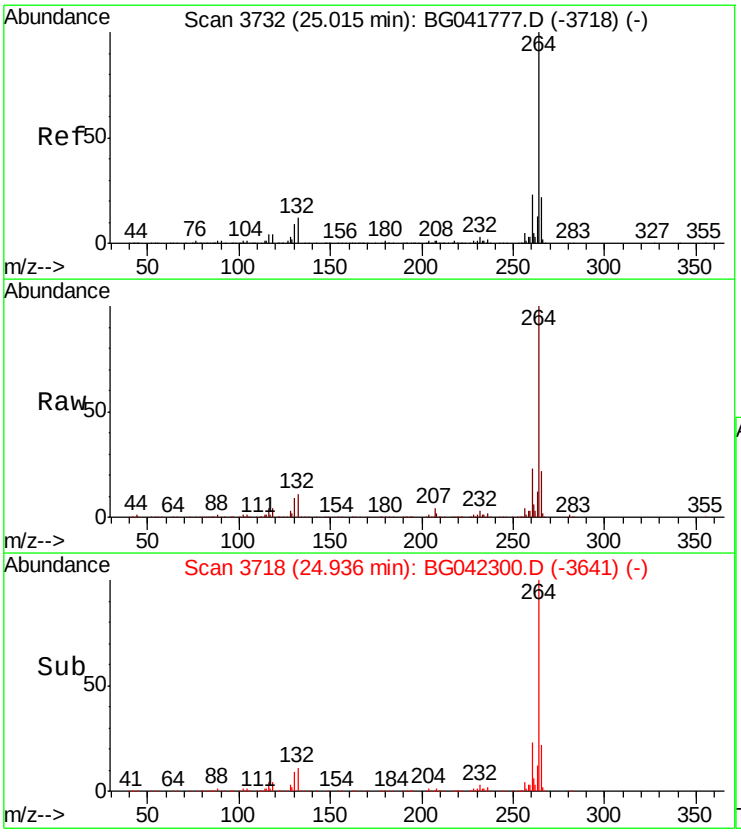
#79
Terphenyl-d14
Concen: 108.171 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.04 min
Lab File: BG042300.D
Acq: 17 Aug 2019 23:47

Instrument :
BNA_G
ClientSampleId :
OR-02-081519

Tgt Ion:244 Resp: 1939735

Ion	Ratio	Lower	Upper
244	100		
212	8.6	9.7	14.5#
122	9.7	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: BG042300.D
Acq: 17 Aug 2019 23:47

Tgt Ion:264 Resp: 474642

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	21.8	18.0	27.0