Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
Data File : BG042360.D
Acq On : 20 Aug 2019 15:47
Operator : HP/JU
Sample : k4386-28
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 21 03:22:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 13:40:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	68099	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	267918	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	192316	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	449852	20.00	ng	0.00
76) Chrysene-d12	21.69	240	477825	20.00	ng	0.00
87) Perylene-d12	24.93	264	546120	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	457709	136.18	ng	0.00
7) Phenol-d6	7.17	99	577058	126.42	ng	0.00
23) Nitrobenzene-d5	9.17	82	394324	103.52	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	399975	152.70	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1167421	102.72	ng	0.00
79) Terphenyl-d14	20.03	244	2046618	93.81	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	24378	16.819	ng	# 1
15) Benzyl Alcohol	8.33	79	6335	2.018	ng	# 46
19) n-Nitroso-di-n-propylamine	9.17	70	50202	17.098	ng	# 72
50) Dimethylphthalate	14.12	163	48813	3.572	ng	99
51) 2,6-Dinitrotoluene	14.66	165	24848	7.769	ng	# 38
57) 2,4-Dinitrotoluene	14.66	165	24848	5.557	ng	# 36
67) 4-Bromophenyl-phenylether	16.15	248	28404	4.962	ng	# 1
77) Benzidine	20.03	184	30773	2.429	ng	# 94

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

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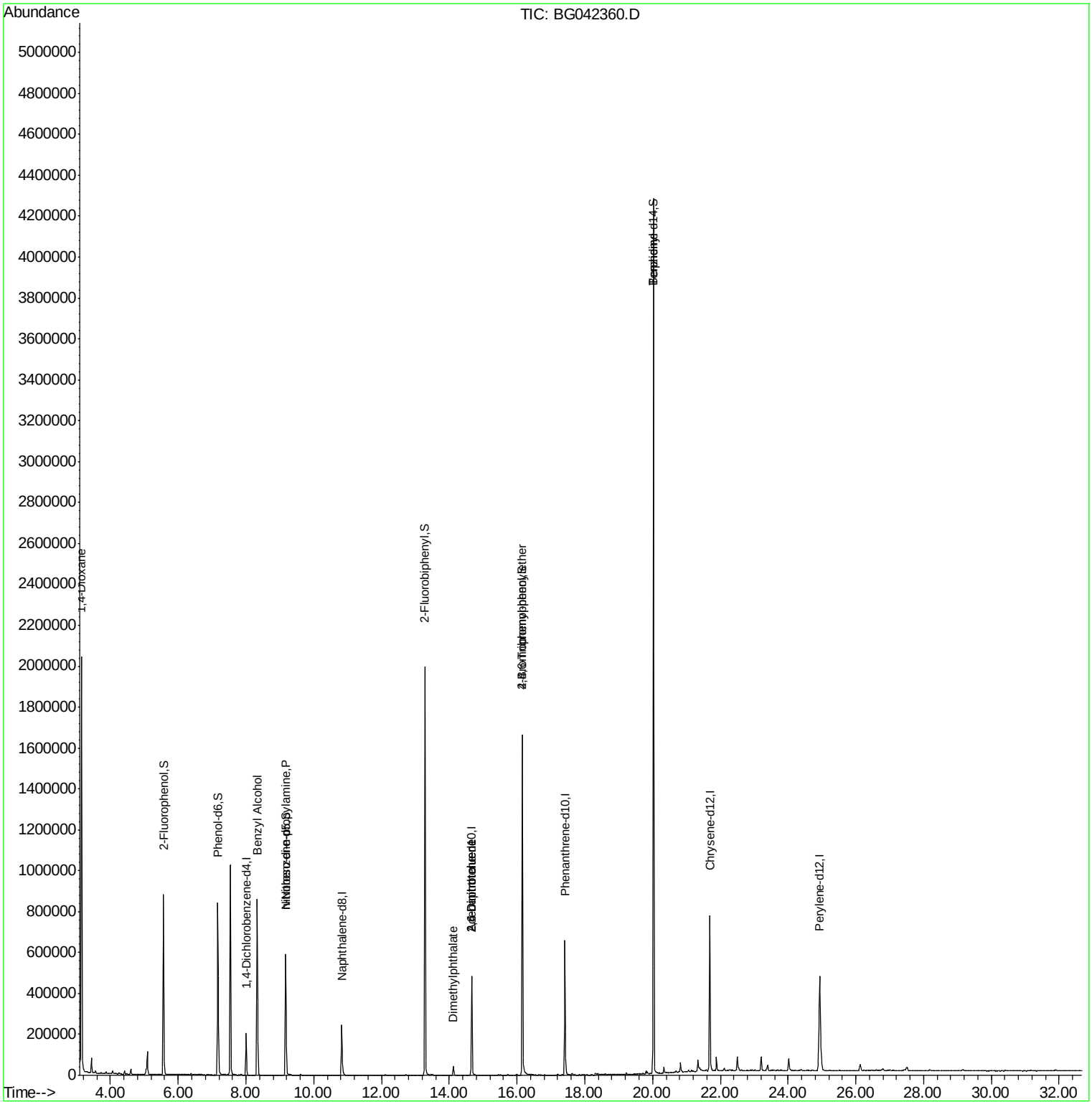
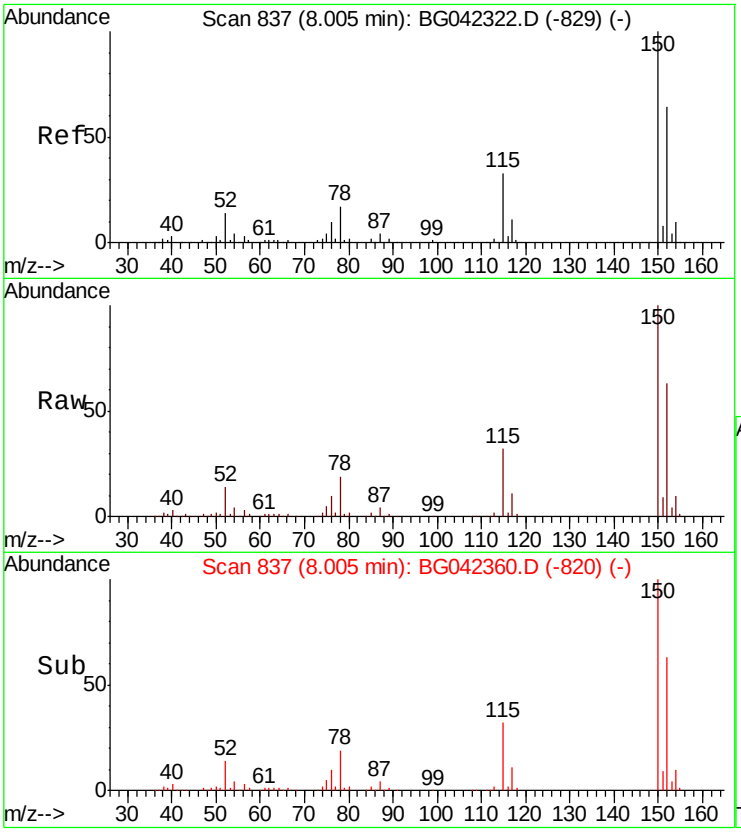
QLast Update : Mon Aug 19 13:40:37 2019
Response via : Initial Calibration



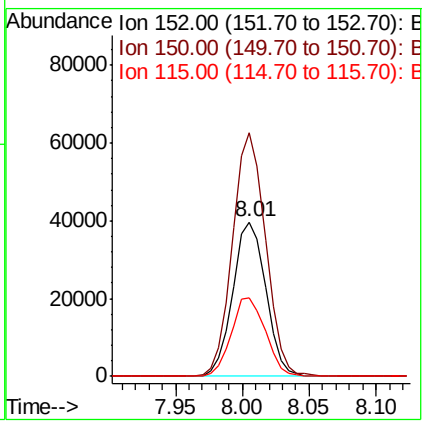


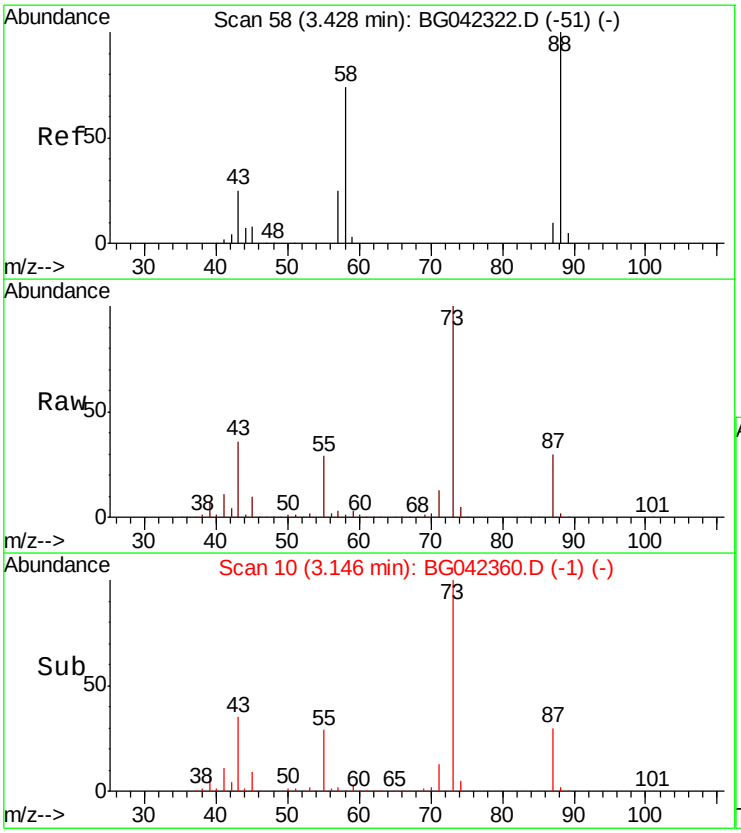
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG042360.D
Acq: 20 Aug 2019 15:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 68099

Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.3	186.5
115	50.7	40.5	60.7

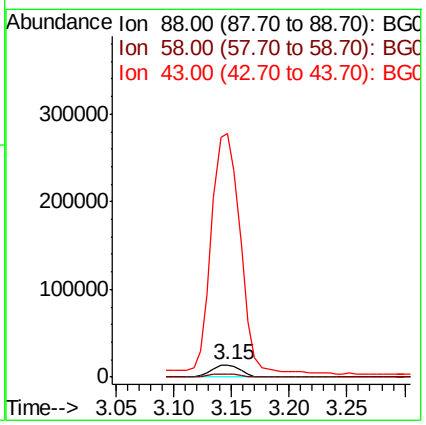


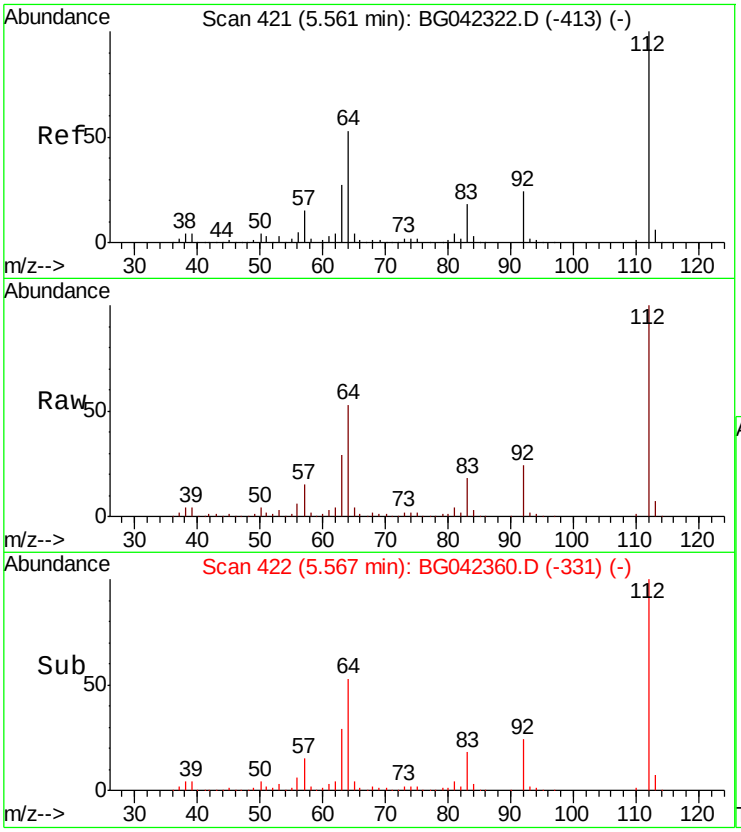


#2
1,4-Dioxane
Concen: 16.819 ng
RT: 3.15 min Scan# 10
Delta R.T. -0.28 min
Lab File: BG042360.D
Acq: 20 Aug 2019 15:47

Tgt Ion: 88 Resp: 24378

Ion	Ratio	Lower	Upper
88	100		
58	24.4	58.6	88.0#
43	1948.3	19.4	29.0#



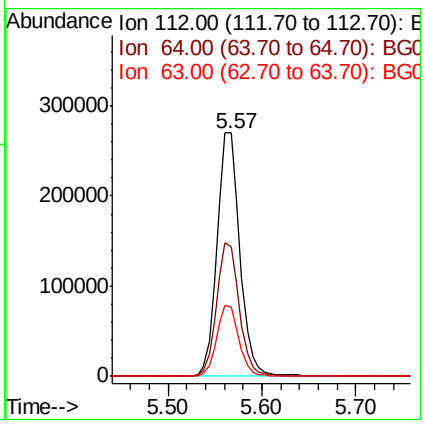


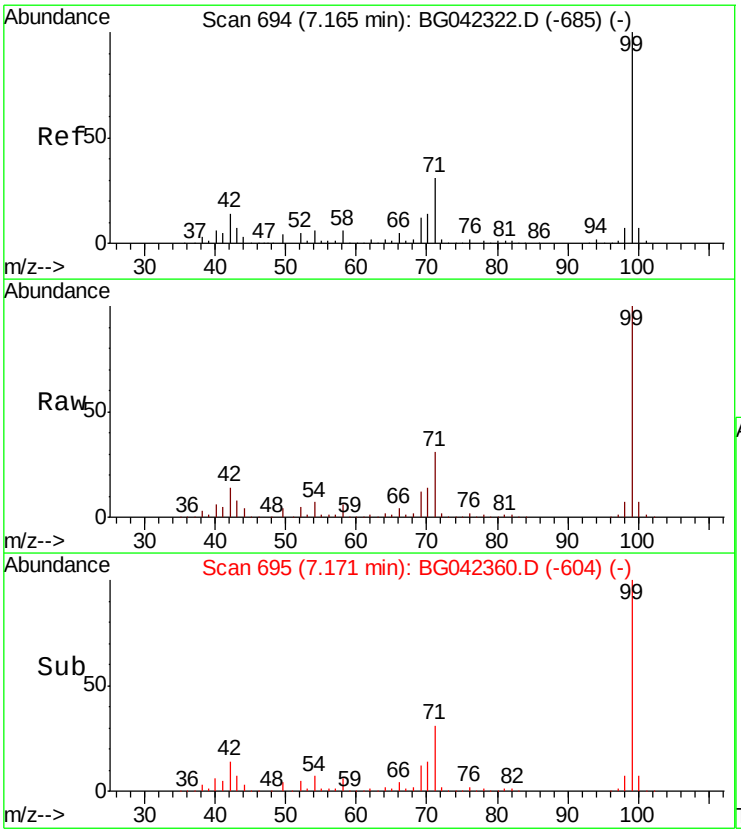
#5
2-Fluorophenol
Concen: 136.179 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG042360.D
Acq: 20 Aug 2019 15:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 457709

Ion	Ratio	Lower	Upper
112	100		
64	53.2	42.5	63.7
63	28.5	21.7	32.5

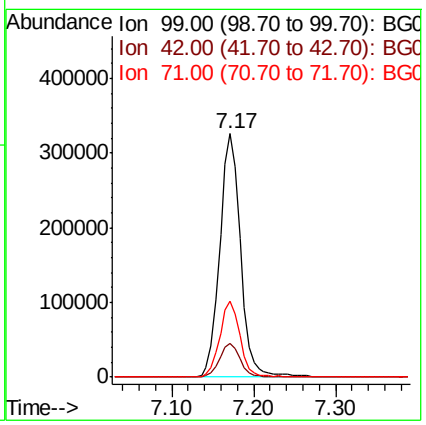


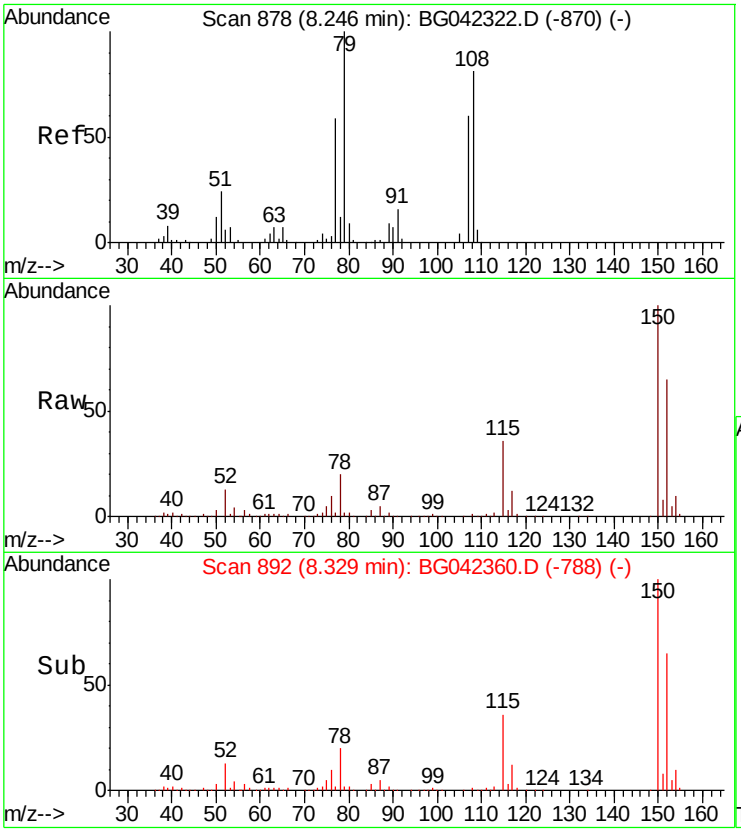


#7
Phenol-d6
Concen: 126.415 ng
RT: 7.17 min Scan# 695
Delta R.T. 0.01 min
Lab File: BG042360.D
Acq: 20 Aug 2019 15:47

Tgt Ion: 99 Resp: 577058

Ion	Ratio	Lower	Upper
99	100		
42	14.0	11.4	17.0
71	31.3	25.1	37.7



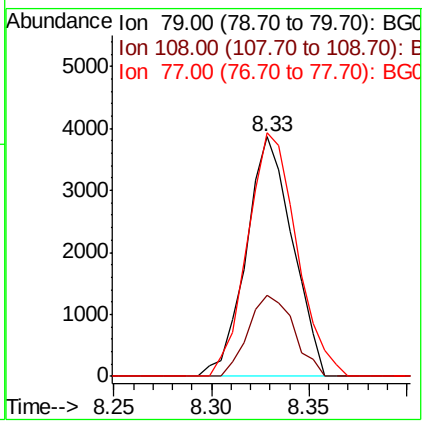


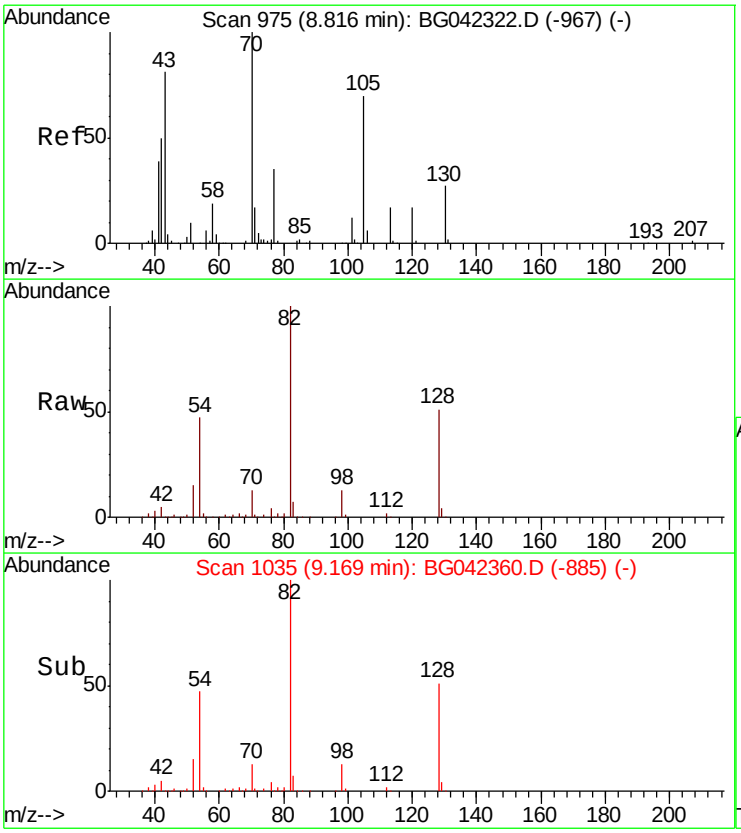
#15
Benzyl Alcohol
Concen: 2.018 ng
RT: 8.33 min Scan# 892
Delta R.T. 0.08 min
Lab File: BG042360.D
Acq: 20 Aug 2019 15:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 6335

Ion	Ratio	Lower	Upper
79	100		
108	33.9	64.8	97.2#
77	101.7	47.6	71.4#

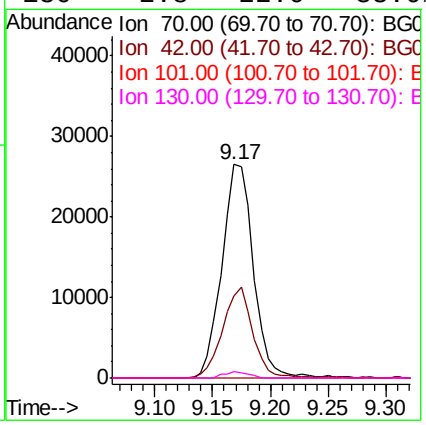


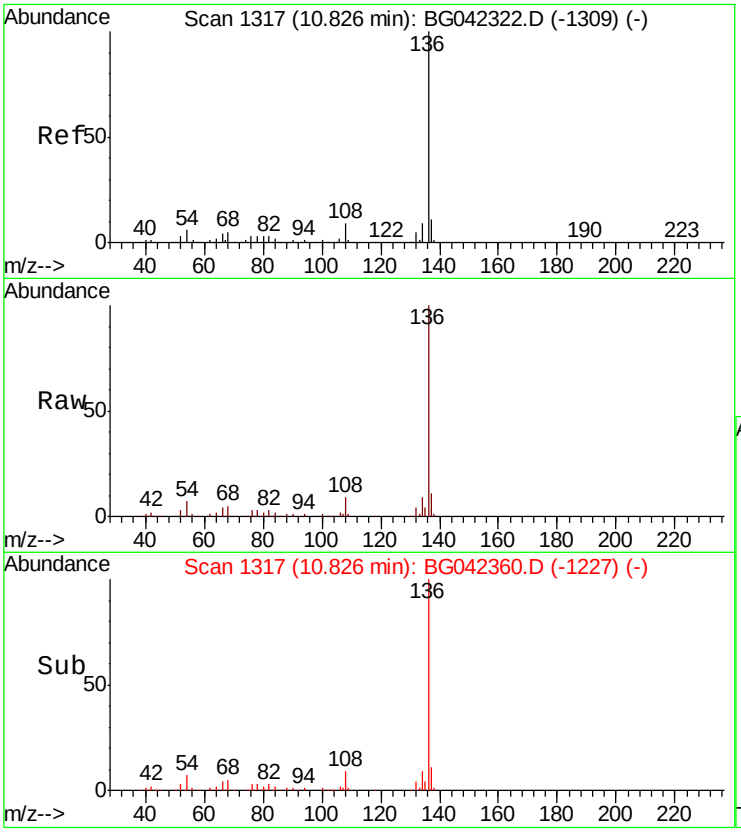


#19
n-Nitroso-di-n-propylamine
Concen: 17.098 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.35 min
Lab File: BG042360.D
Acq: 20 Aug 2019 15:47

Tgt Ion: 70 Resp: 50202

Ion	Ratio	Lower	Upper
70	100		
42	38.3	40.5	60.7#
101	0.0	9.3	13.9#
130	2.8	22.0	33.0#



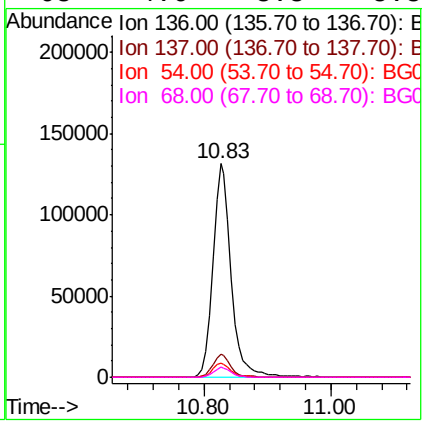


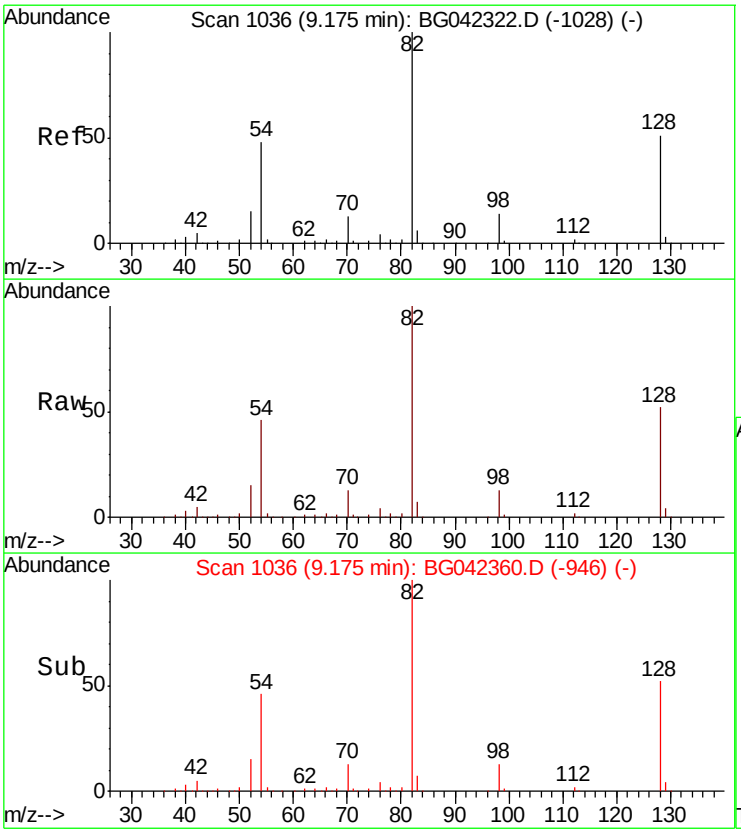
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG042360.D
Acq: 20 Aug 2019 15:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 267918

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	6.6	5.0	7.4
68	4.6	3.8	5.8

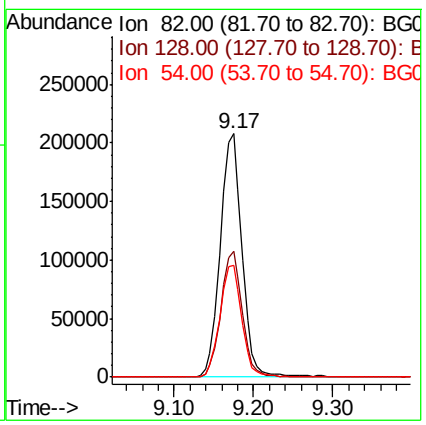


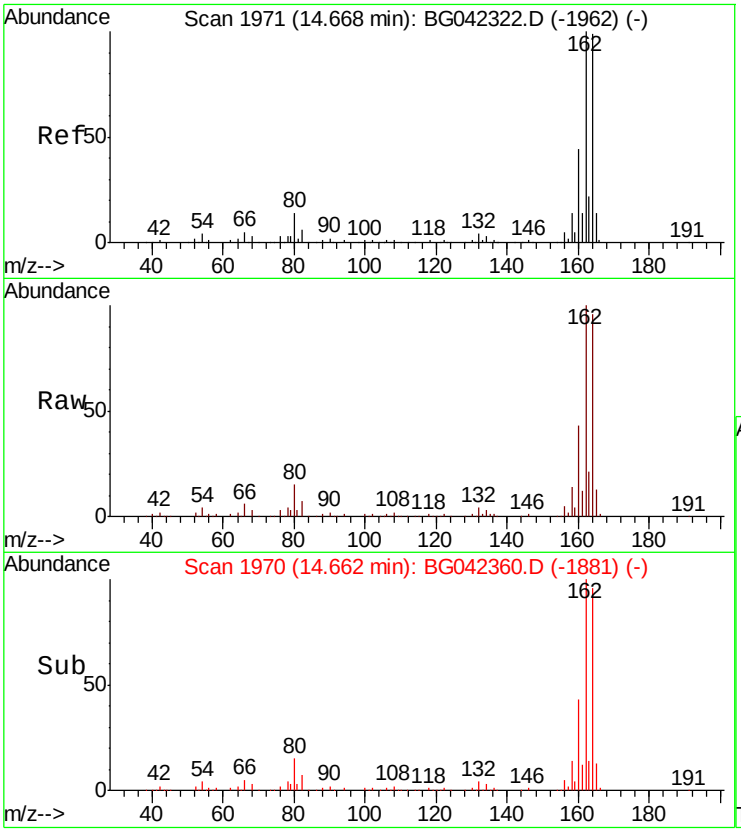


#23
Nitrobenzene-d5
Concen: 103.517 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG042360.D
Acq: 20 Aug 2019 15:47

Tgt Ion: 82 Resp: 394324

Ion	Ratio	Lower	Upper
82	100		
128	51.9	41.0	61.4
54	45.9	38.0	57.0



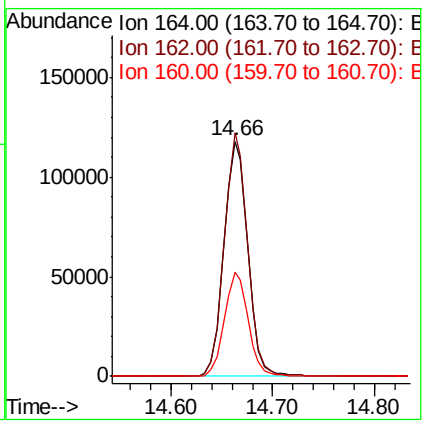


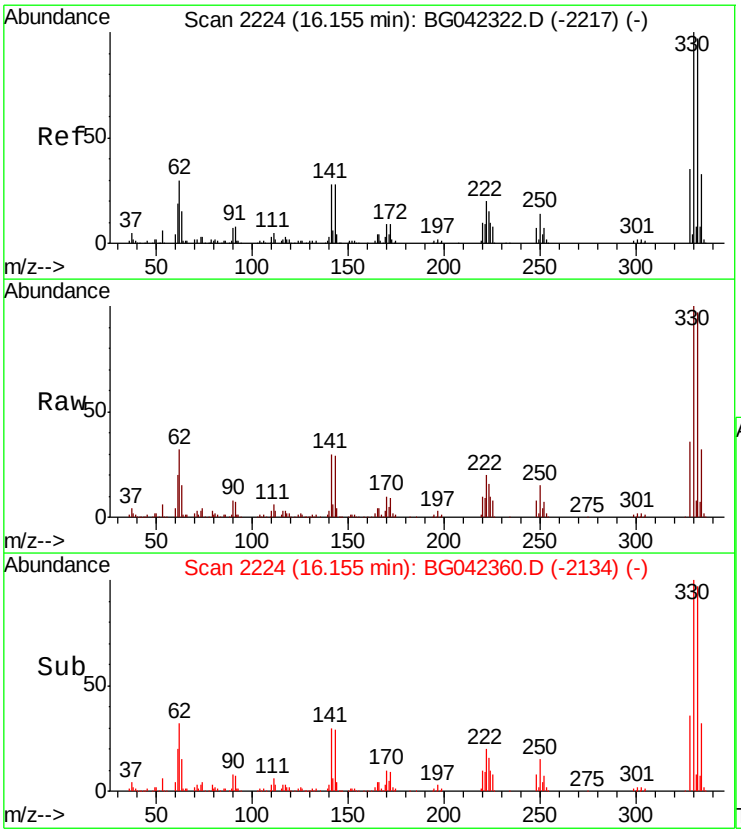
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG042360.D
Acq: 20 Aug 2019 15:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 192316

Ion	Ratio	Lower	Upper
164	100		
162	103.6	80.6	120.8
160	44.6	35.7	53.5

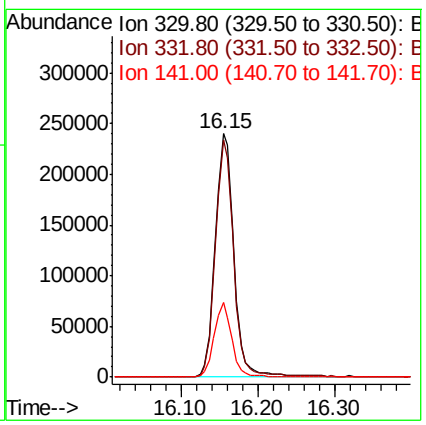


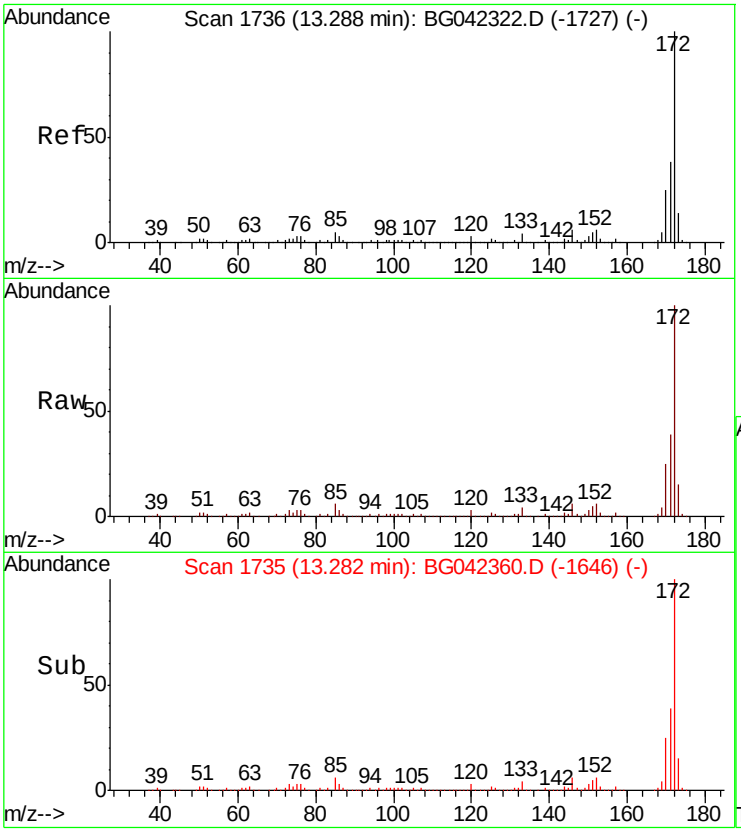


#42
2,4,6-Tribromophenol
Concen: 152.703 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BG042360.D
Acq: 20 Aug 2019 15:47

Tgt Ion:330 Resp: 399975

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	28.9	21.8	32.6



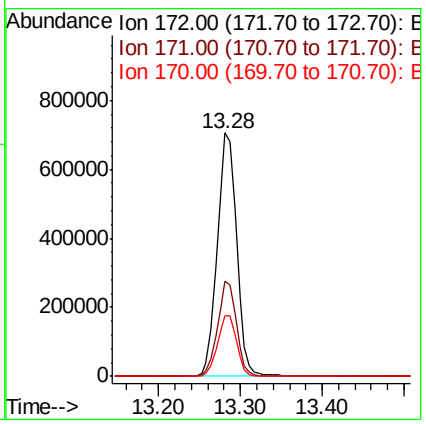


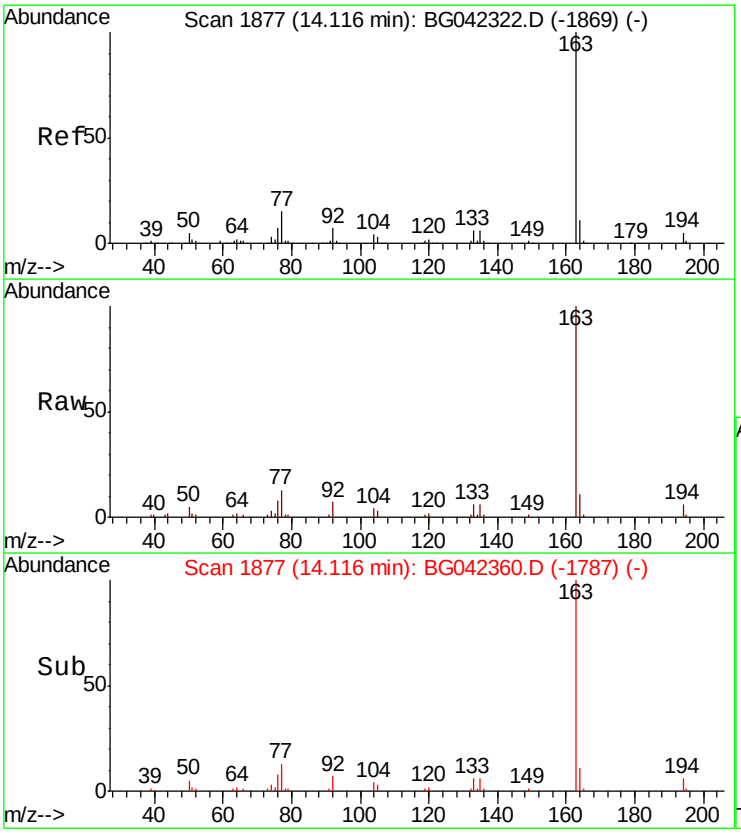
#45
2-Fluorobiphenyl
Concen: 102.720 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG042360.D
Acq: 20 Aug 2019 15:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1167421

Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.3	45.5
170	25.0	20.0	30.0

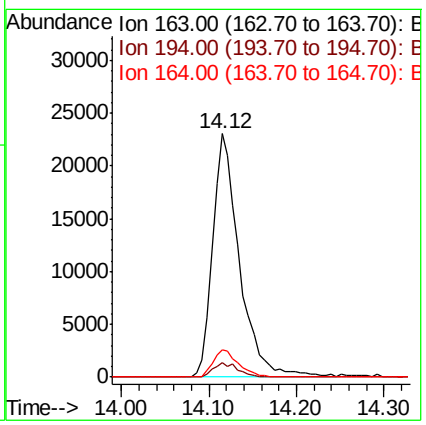


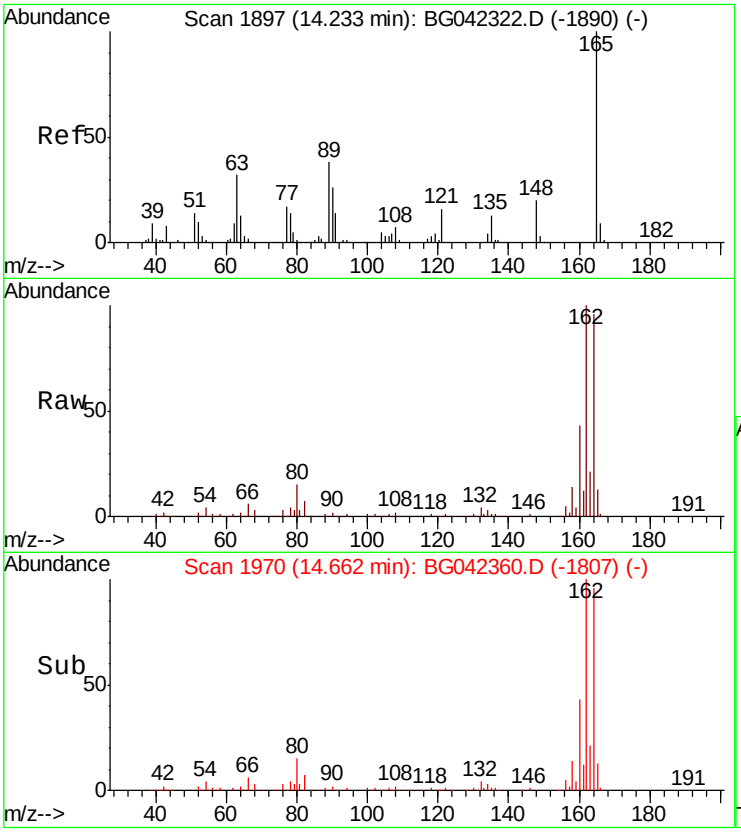


#50
Dimethylphthalate
Concen: 3.572 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BG042360.D
Acq: 20 Aug 2019 15:47

Tgt Ion:163 Resp: 48813

Ion	Ratio	Lower	Upper
163	100		
194	5.7	4.2	6.2
164	11.2	8.8	13.2



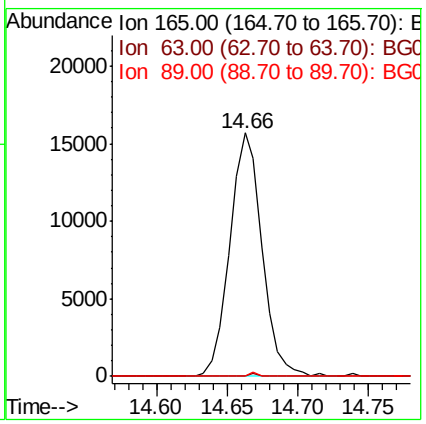


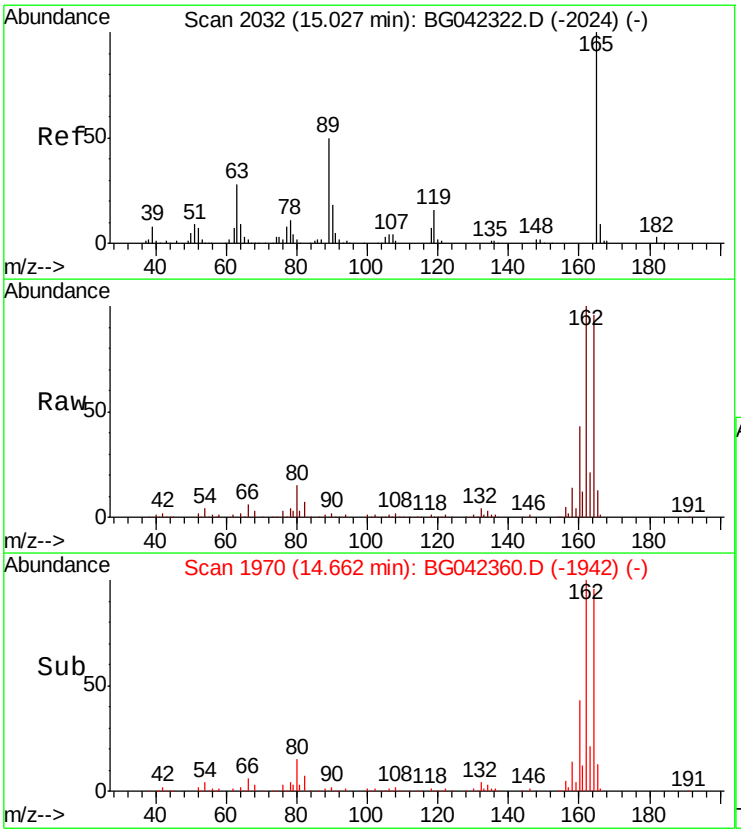
#51
2,6-Dinitrotoluene
Concen: 7.769 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.43 min
Lab File: BG042360.D
Acq: 20 Aug 2019 15:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 24848

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.2	42.2#
89	0.0	30.0	45.0#

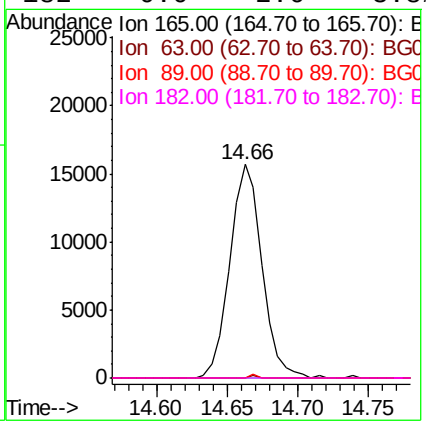


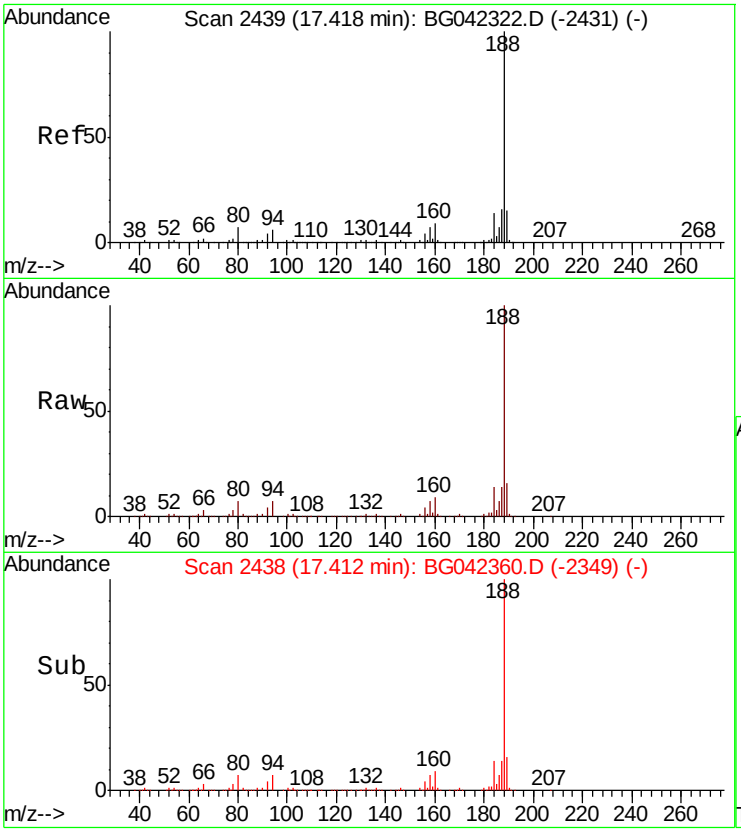


#57
2,4-Dinitrotoluene
Concen: 5.557 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.36 min
Lab File: BG042360.D
Acq: 20 Aug 2019 15:47

Tgt Ion:165 Resp: 24848

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.4	33.6#
89	0.0	40.2	60.2#
182	0.0	2.6	3.8#



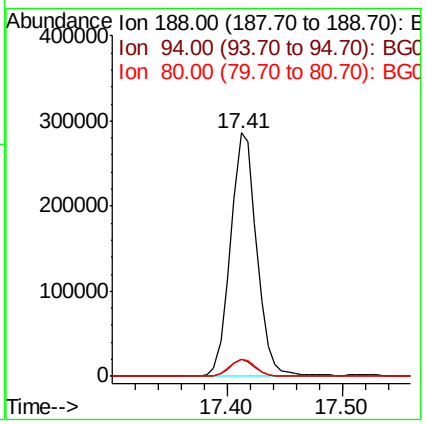


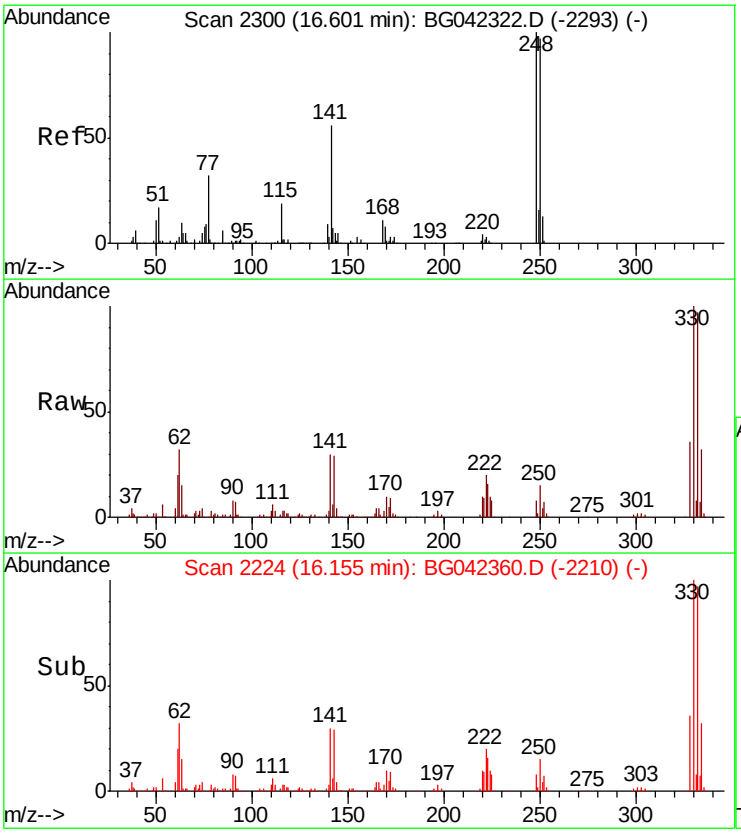
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042360.D
Acq: 20 Aug 2019 15:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 449852

Ion	Ratio	Lower	Upper
188	100		
94	6.9	4.9	7.3
80	7.1	5.4	8.0

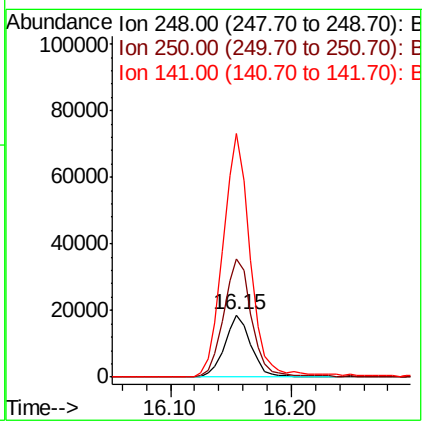


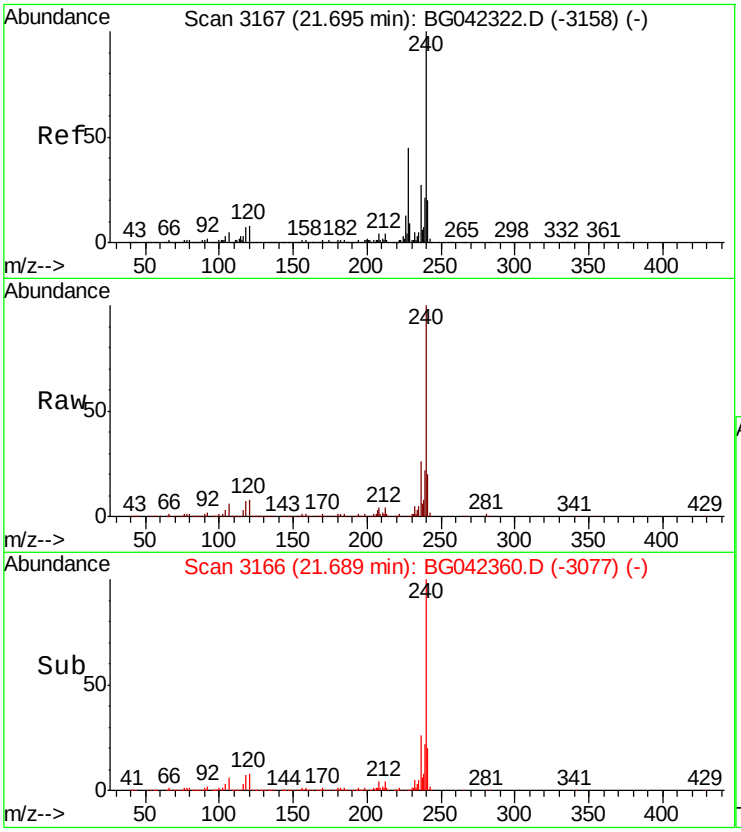


#67
4-Bromophenyl-phenylether
Concen: 4.962 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.45 min
Lab File: BG042360.D
Acq: 20 Aug 2019 15:47

Tgt Ion:248 Resp: 28404

Ion	Ratio	Lower	Upper
248	100		
250	190.0	78.0	117.0#
141	391.6	44.9	67.3#



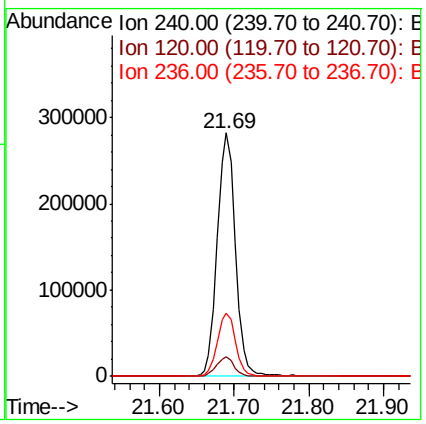


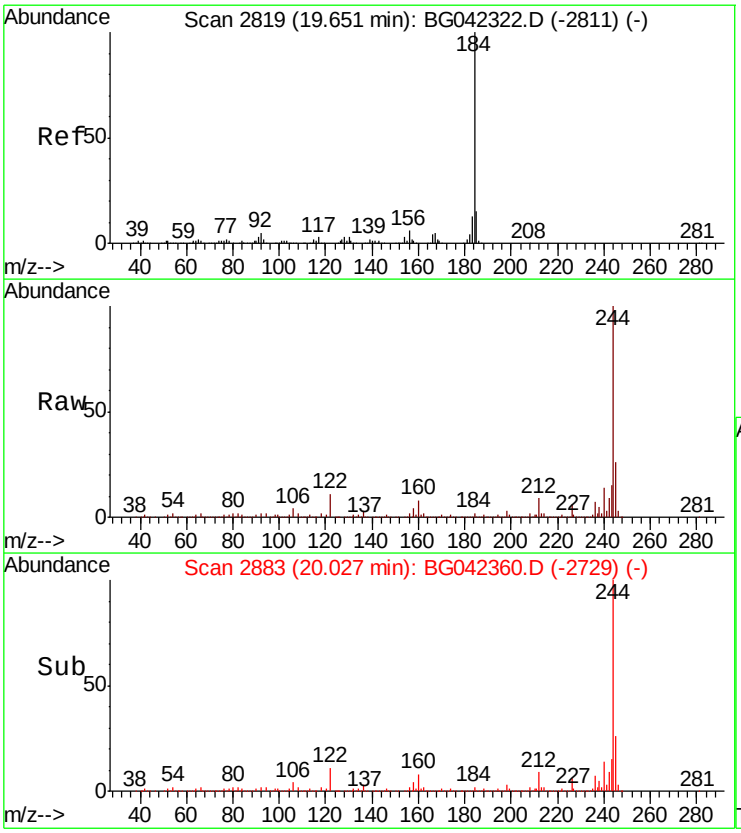
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG042360.D
Acq: 20 Aug 2019 15:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 477825

Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.0	9.0
236	26.1	21.6	32.4

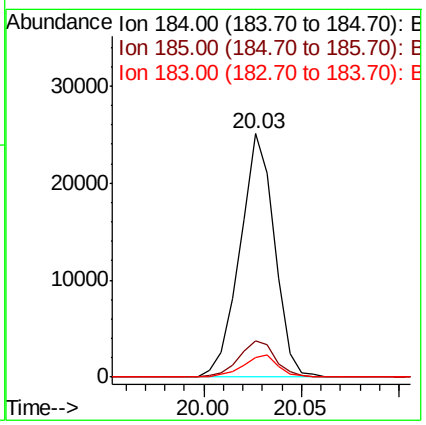


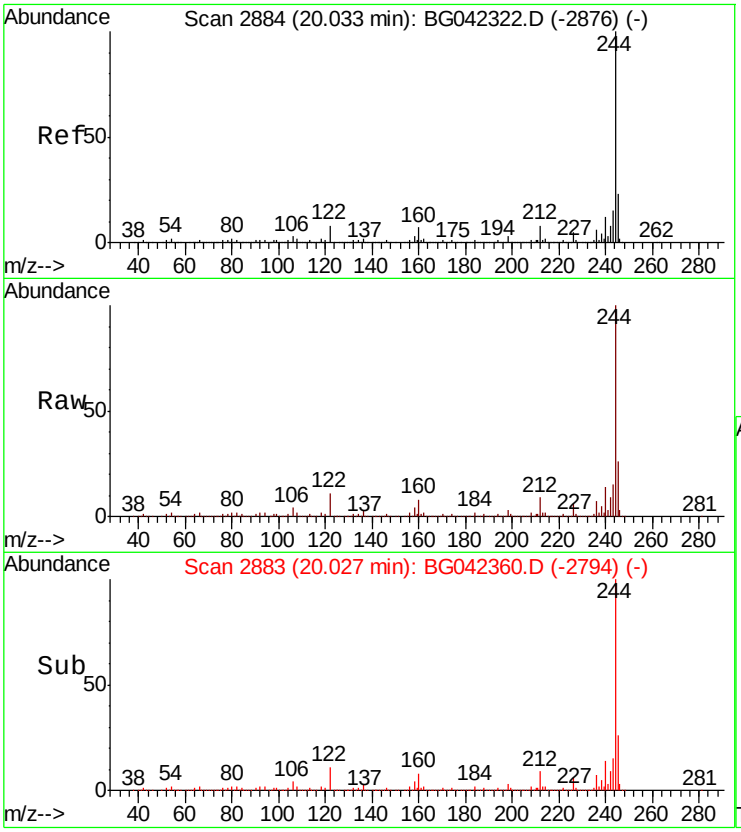


#77
Benzidine
Concen: 2.429 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.38 min
Lab File: BG042360.D
Acq: 20 Aug 2019 15:47

Tgt Ion:184 Resp: 30773

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.8	17.6
183	8.2	10.6	15.8#



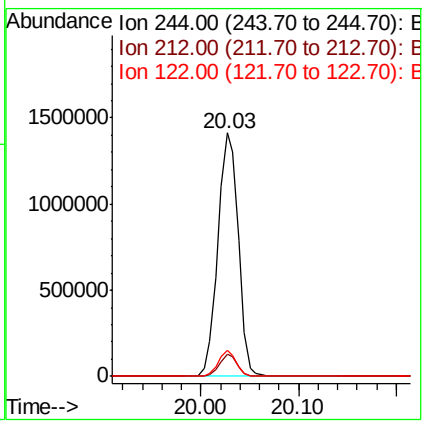


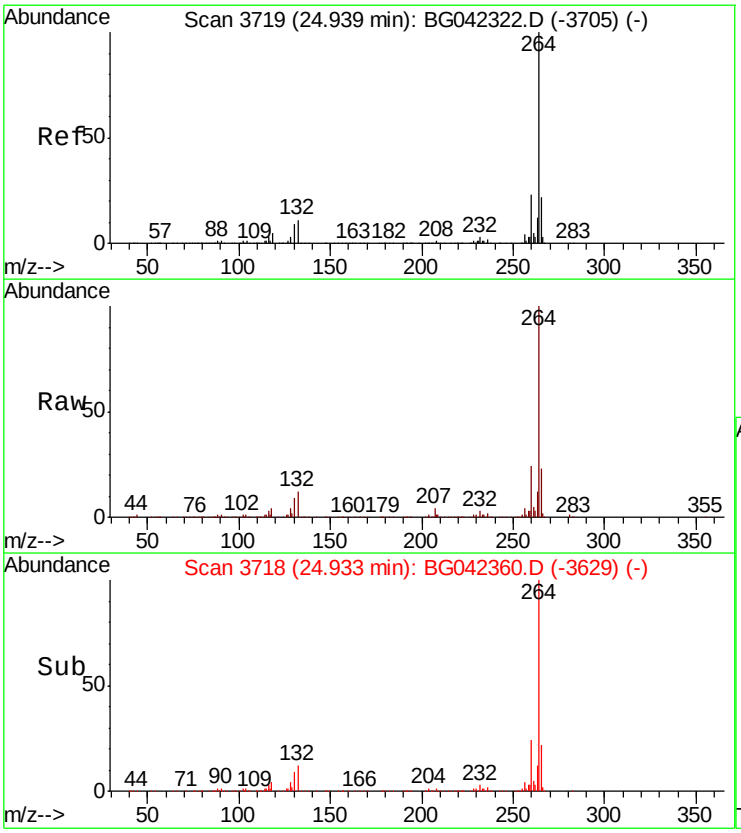
#79
Terphenyl-d14
Concen: 93.814 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.01 min
Lab File: BG042360.D
Acq: 20 Aug 2019 15:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2046618

Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.4	9.6
122	10.6	6.6	10.0#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3718
Delta R.T. -0.01 min
Lab File: BG042360.D
Acq: 20 Aug 2019 15:47

Tgt Ion:264 Resp: 546120

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	22.5	17.4	26.0