Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043634.D
Acq On : 14 Nov 2019 15:18
Operator : JU
Sample : K5826-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-15-S

Quant Time: Nov 15 00:58:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	32021	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	125231	20.00	ng		-0.01
39) Acenaphthene-d10	14.63	164	96083	20.00	ng		-0.01
64) Phenanthrene-d10	17.38	188	240320	20.00	ng		-0.01
76) Chrysene-d12	21.64	240	258240	20.00	ng		-0.02
87) Perylene-d12	24.82	264	306408	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	151879	86.91	ng		0.00
7) Phenol-d6	7.20	99	216741	86.21	ng		0.00
23) Nitrobenzene-d5	9.16	82	126583	52.11	ng		-0.01
42) 2,4,6-Tribromophenol	16.12	330	131506	71.92	ng		-0.01
45) 2-Fluorobiphenyl	13.25	172	370300	53.25	ng		-0.01
79) Terphenyl-d14	19.99	244	771341	56.04	ng		-0.01
Target Compounds							Qvalue
10) Phenol	7.22	94	12965	5.643	ng		86
19) n-Nitroso-di-n-propylamine	9.16	70	18571	11.431	ng	#	79
50) Dimethylphthalate	14.08	163	55263	7.426	ng		98
51) 2,6-Dinitrotoluene	14.63	165	13319	8.238	ng	#	25
54) 2,4-Dinitrophenol	15.12	184	59	7.336	ng	#	17
57) 2,4-Dinitrotoluene	14.63	165	13319	5.764	ng	#	28
67) 4-Bromophenyl-phenylether	16.12	248	8631	2.669	ng	#	1
77) Benzidine	19.99	184	10451	2.011	ng	#	84

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

Quantitation Report (Not Reviewed)

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TP-15-S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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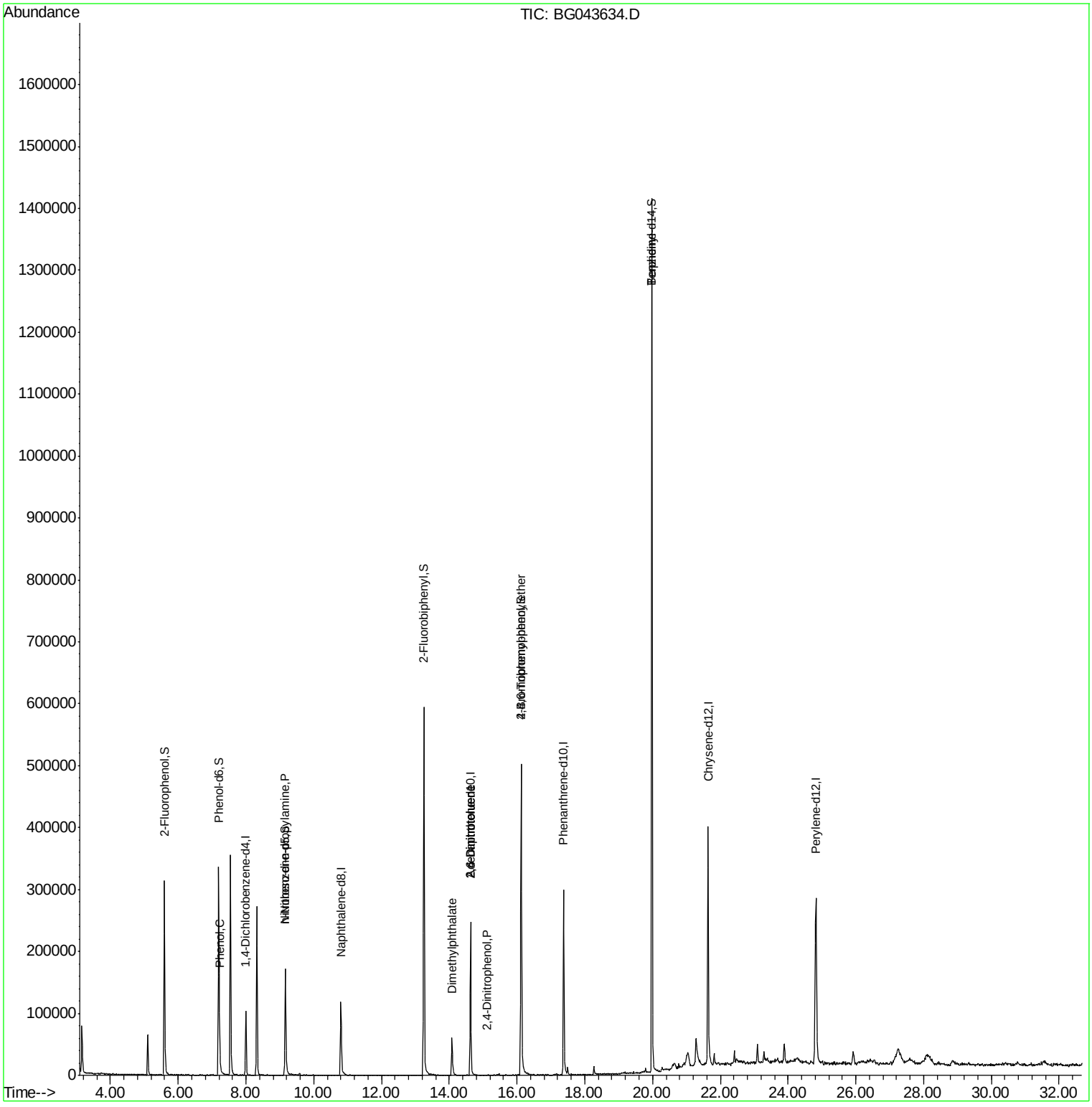
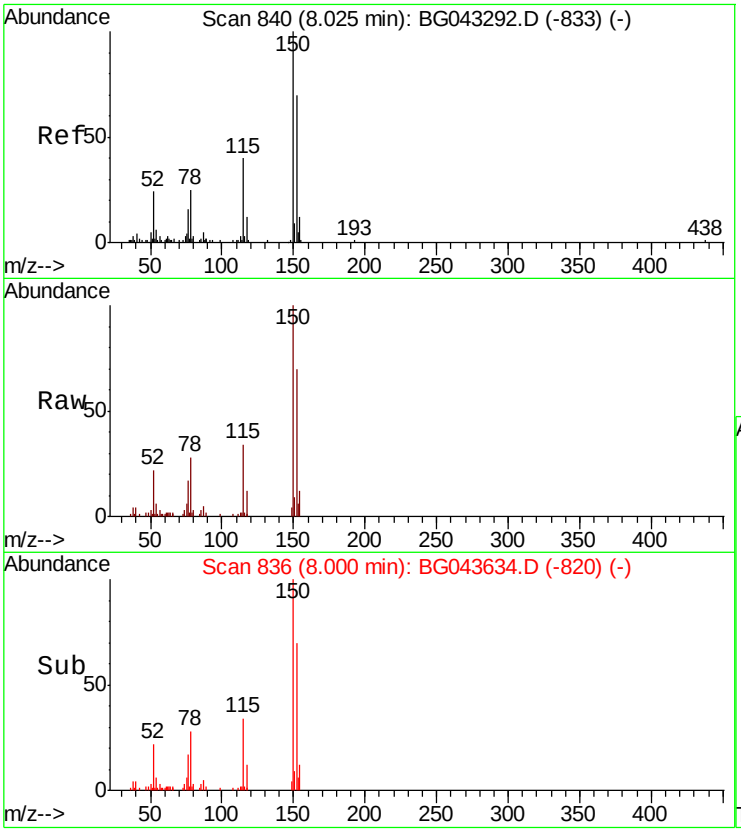


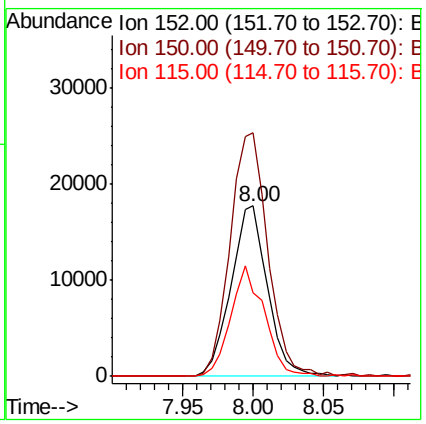


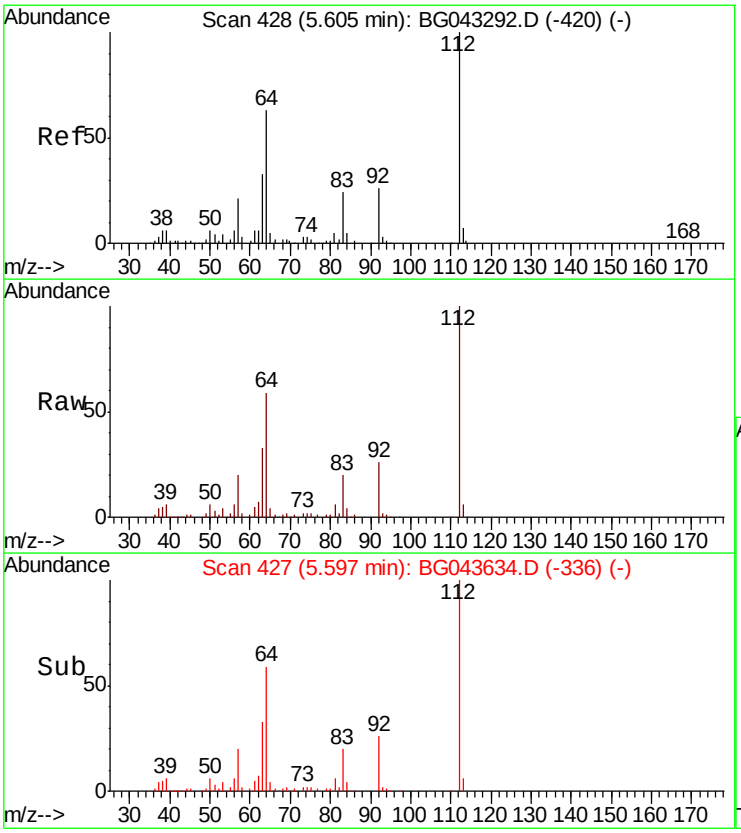
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043634.D
Acq: 14 Nov 2019 15:18

Instrument :
BNA_G
ClientSampleId :
TP-15-S

Tgt Ion:152 Resp: 32021

Ion	Ratio	Lower	Upper
152	100		
150	142.8	129.4	194.0
115	49.2	48.8	73.2

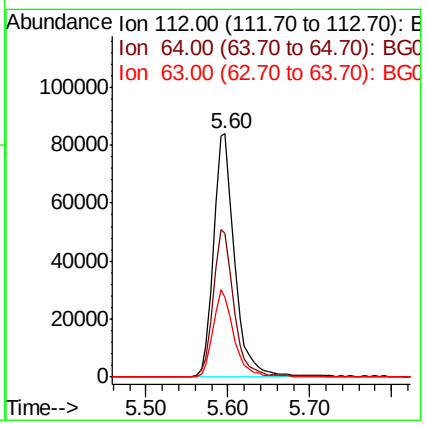


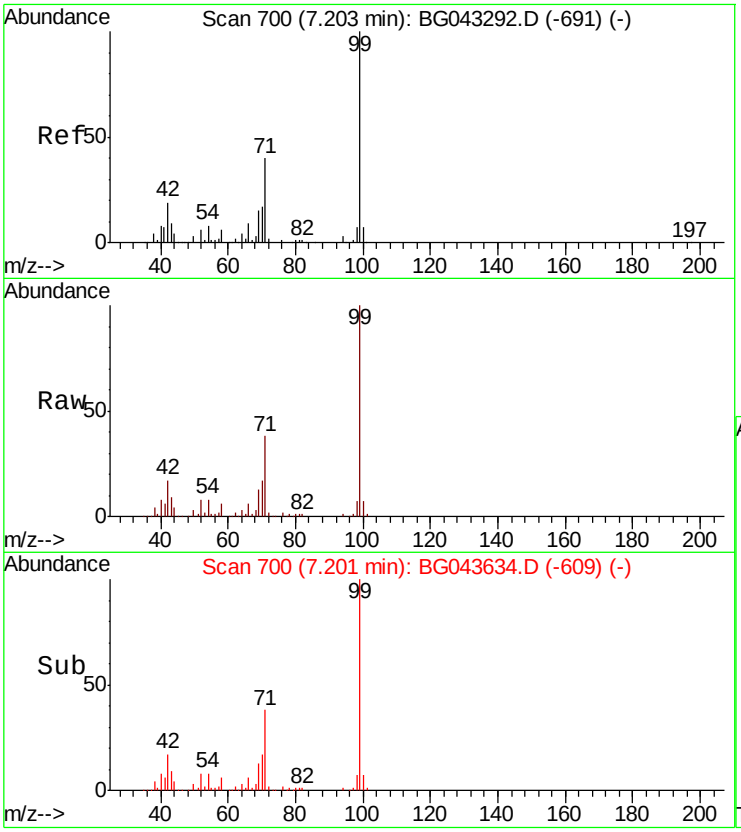


#5
2-Fluorophenol
Concen: 86.915 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG043634.D
Acq: 14 Nov 2019 15:18

Tgt Ion:112 Resp: 151879

Ion	Ratio	Lower	Upper
112	100		
64	58.9	50.0	75.0
63	32.7	26.6	40.0



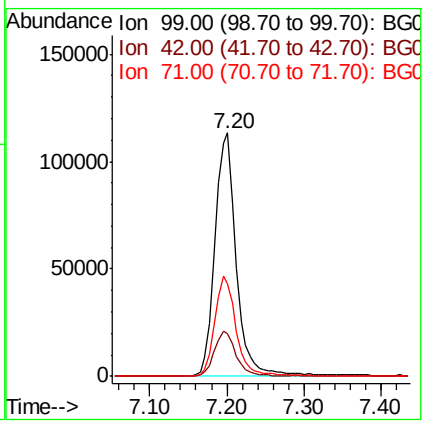


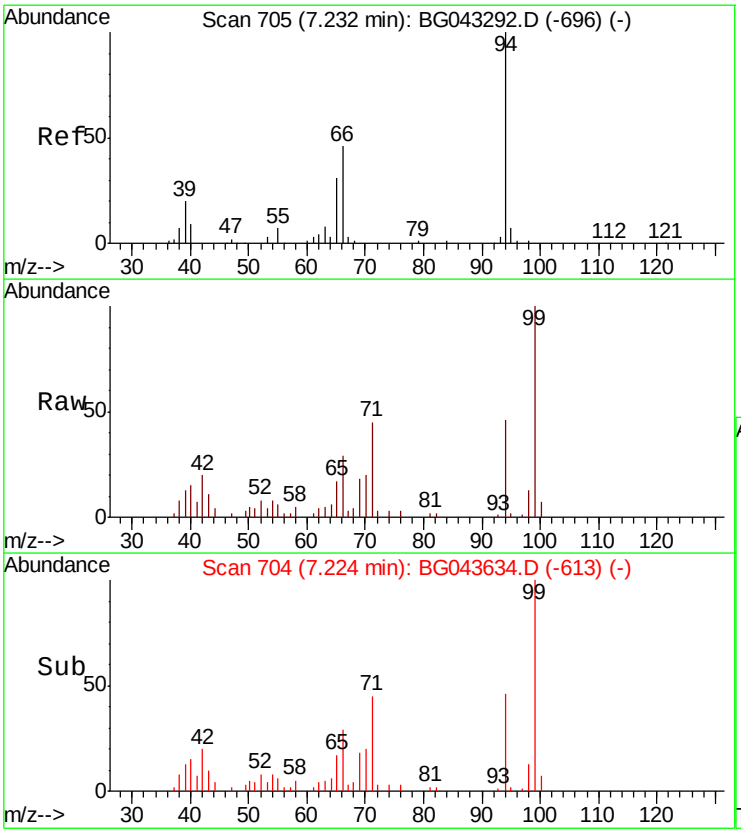
#7
Phenol-d6
Concen: 86.208 ng
RT: 7.20 min Scan# 700
Delta R.T. 0.00 min
Lab File: BG043634.D
Acq: 14 Nov 2019 15:18

Instrument :
BNA_G
ClientSampleId :
TP-15-S

Tgt Ion: 99 Resp: 216741

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.6	21.8
71	38.2	32.5	48.7

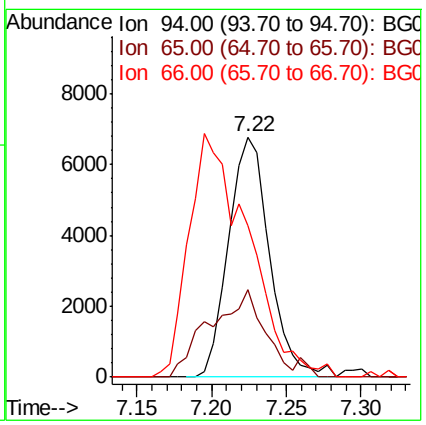


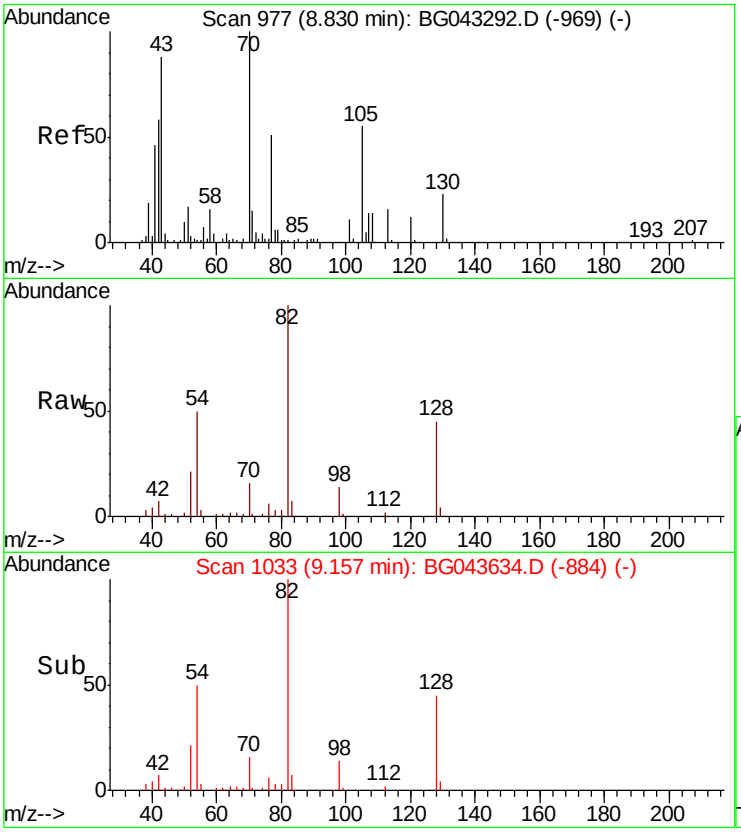


#10
Phenol
Concen: 5.643 ng
RT: 7.22 min Scan# 704
Delta R.T. 0.00 min
Lab File: BG043634.D
Acq: 14 Nov 2019 15:18

Tgt Ion: 94 Resp: 12965

Ion	Ratio	Lower	Upper
94	100		
65	36.6	12.6	52.6
66	63.1	30.7	70.7



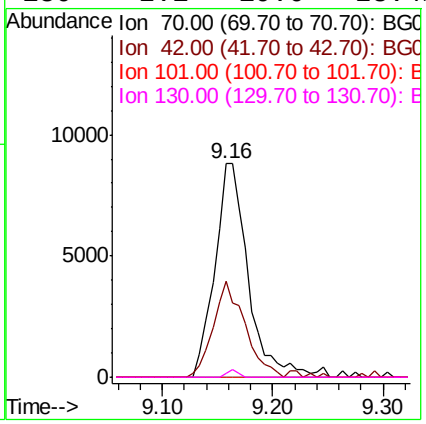


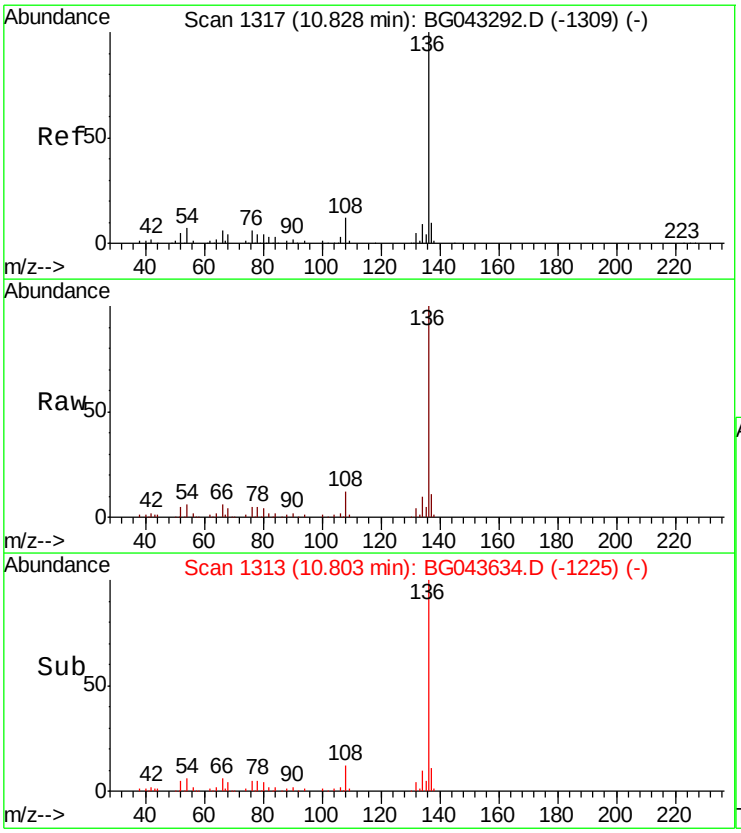
#19
n-Nitroso-di-n-propylamine
Concen: 11.431 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.34 min
Lab File: BG043634.D
Acq: 14 Nov 2019 15:18

Instrument :
BNA_G
ClientSampleId :
TP-15-S

Tgt Ion: 70 Resp: 18571

Ion	Ratio	Lower	Upper
70	100		
42	44.8	41.4	62.2
101	0.0	7.9	11.9#
130	2.1	19.0	28.4#

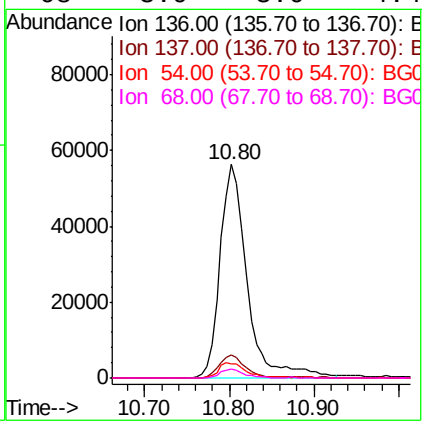


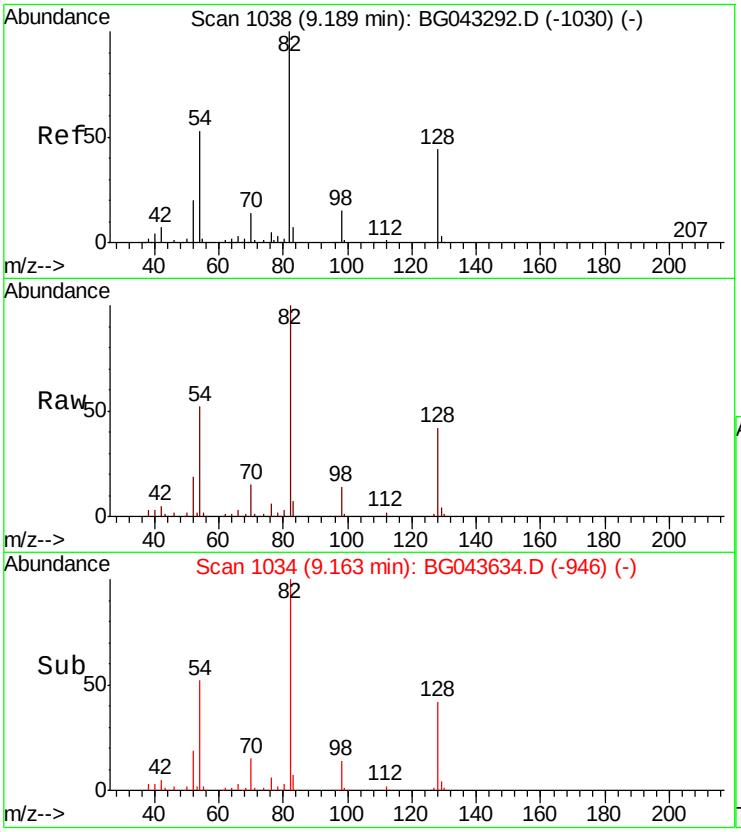


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG043634.D
Acq: 14 Nov 2019 15:18

Tgt Ion:136 Resp: 125231

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.4	5.4	8.2
68	3.9	3.0	4.4



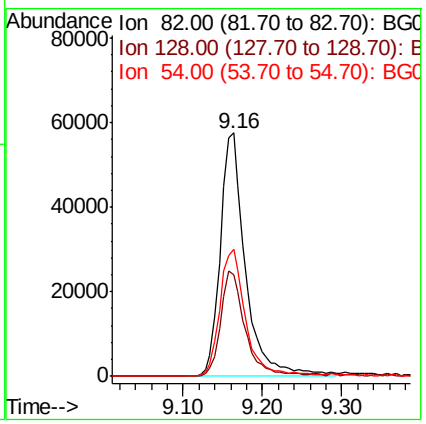


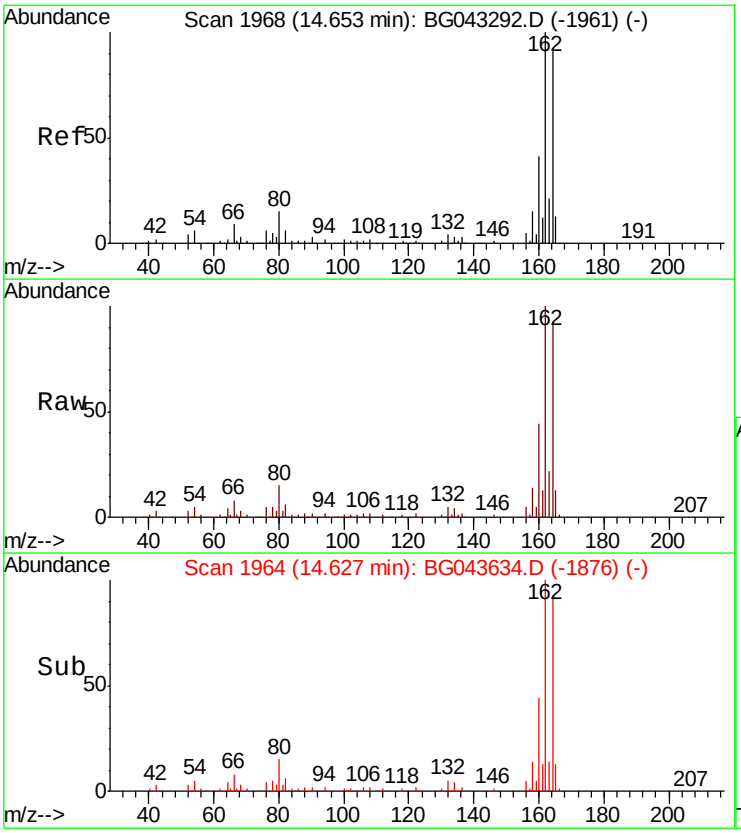
#23
Nitrobenzene-d5
Concen: 52.111 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG043634.D
Acq: 14 Nov 2019 15:18

Instrument :
BNA_G
ClientSampleId :
TP-15-S

Tgt Ion: 82 Resp: 126583

Ion	Ratio	Lower	Upper
82	100		
128	41.8	35.0	52.6
54	52.4	40.2	60.2

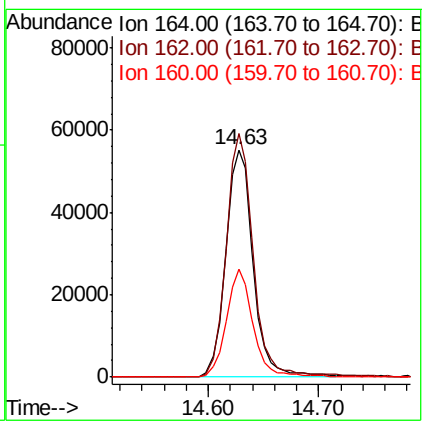


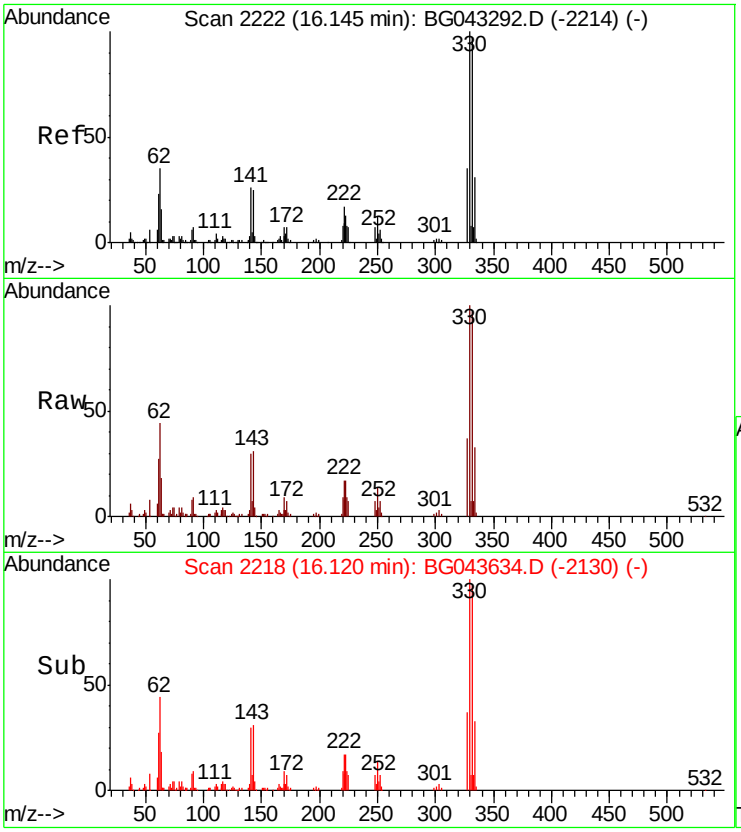


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG043634.D
Acq: 14 Nov 2019 15:18

Tgt Ion:164 Resp: 96083

Ion	Ratio	Lower	Upper
164	100		
162	107.0	83.5	125.3
160	47.4	36.5	54.7



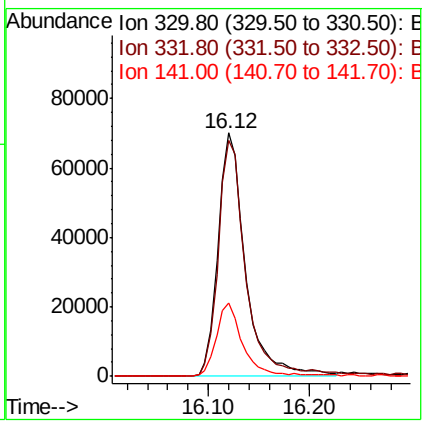


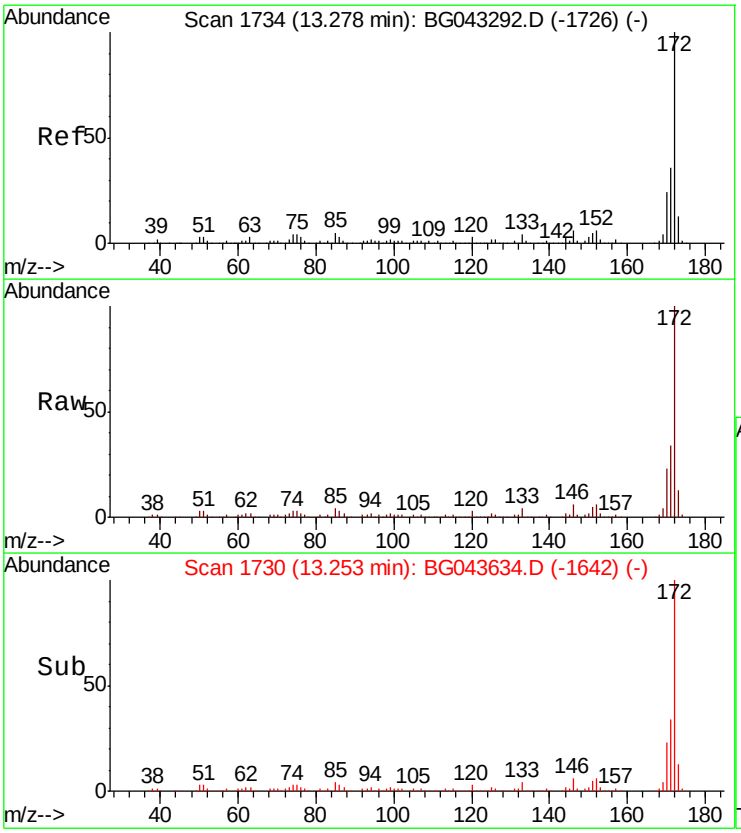
#42
2,4,6-Tribromophenol
Concen: 71.922 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BG043634.D
Acq: 14 Nov 2019 15:18

Instrument :
BNA_G
ClientSampleId :
TP-15-S

Tgt Ion:330 Resp: 131506

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.4	116.0
141	28.9	22.8	34.2

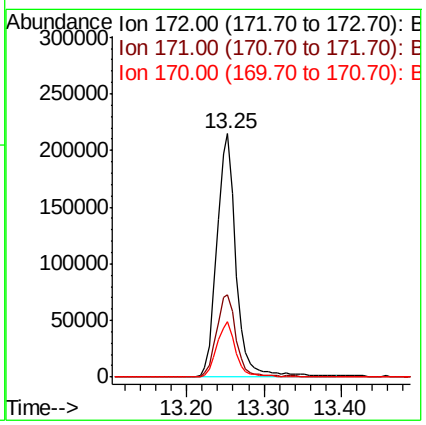


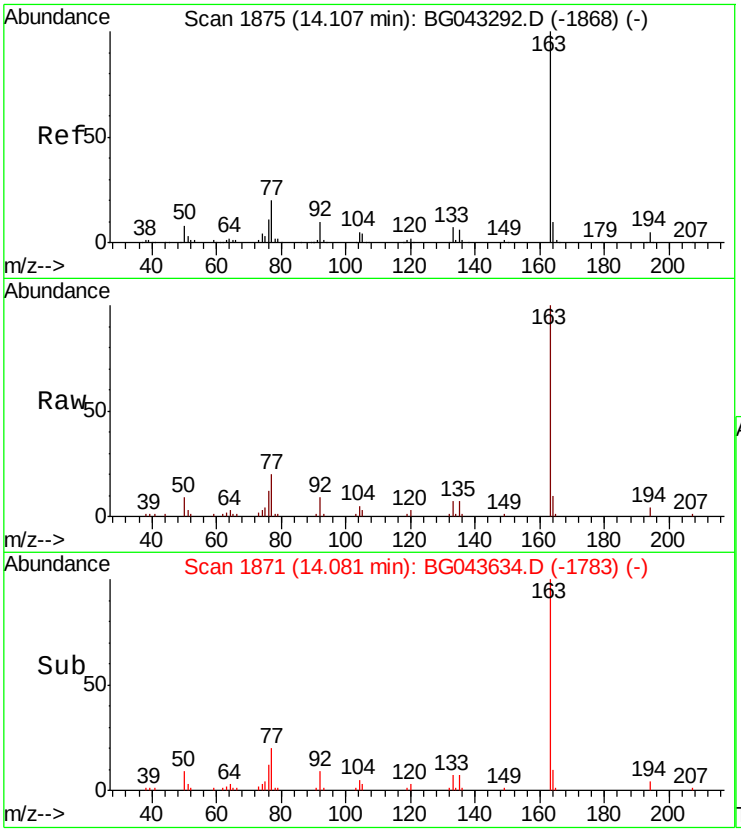


#45
2-Fluorobiphenyl
Concen: 53.254 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG043634.D
Acq: 14 Nov 2019 15:18

Tgt Ion:172 Resp: 370300

Ion	Ratio	Lower	Upper
172	100		
171	33.7	28.9	43.3
170	22.6	18.5	27.7



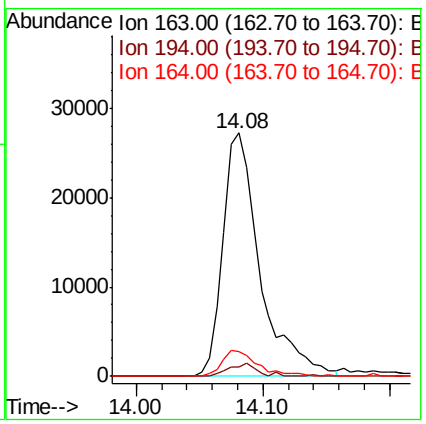


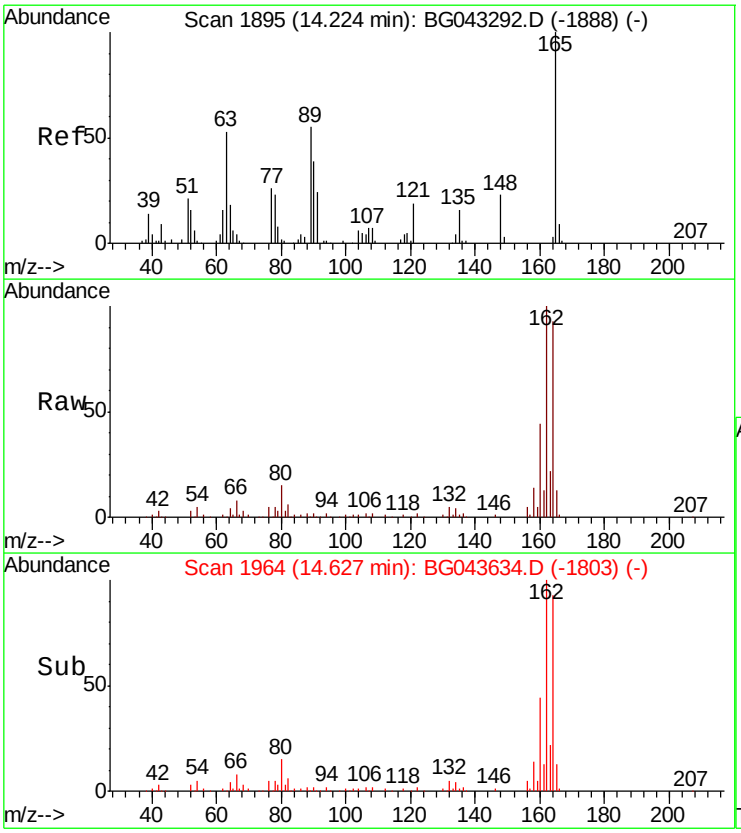
#50
Dimethylphthalate
Concen: 7.426 ng
RT: 14.08 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BG043634.D
Acq: 14 Nov 2019 15:18

Instrument :
BNA_G
ClientSampleId :
TP-15-S

Tgt Ion:163 Resp: 55263

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.8	5.6
164	10.3	8.9	13.3

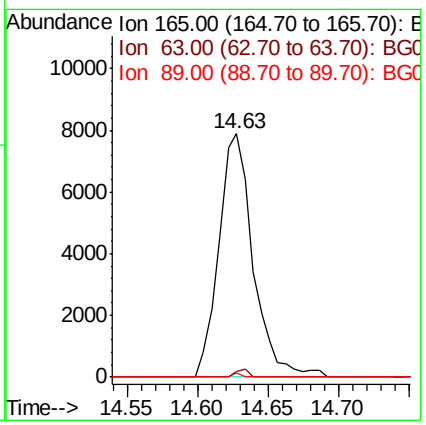


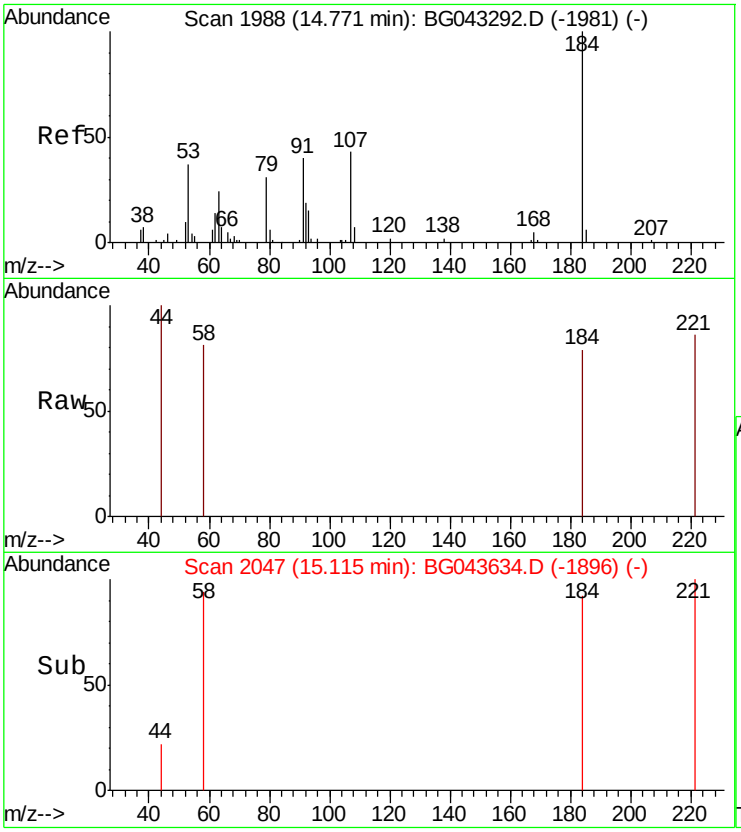


#51
2,6-Dinitrotoluene
Concen: 8.238 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.42 min
Lab File: BG043634.D
Acq: 14 Nov 2019 15:18

Tgt Ion:165 Resp: 13319

Ion	Ratio	Lower	Upper
165	100		
63	2.4	46.6	69.8#
89	2.0	45.1	67.7#



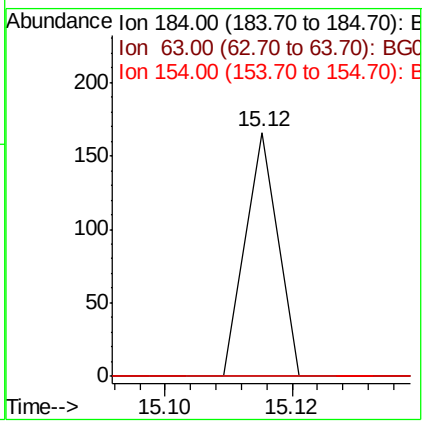


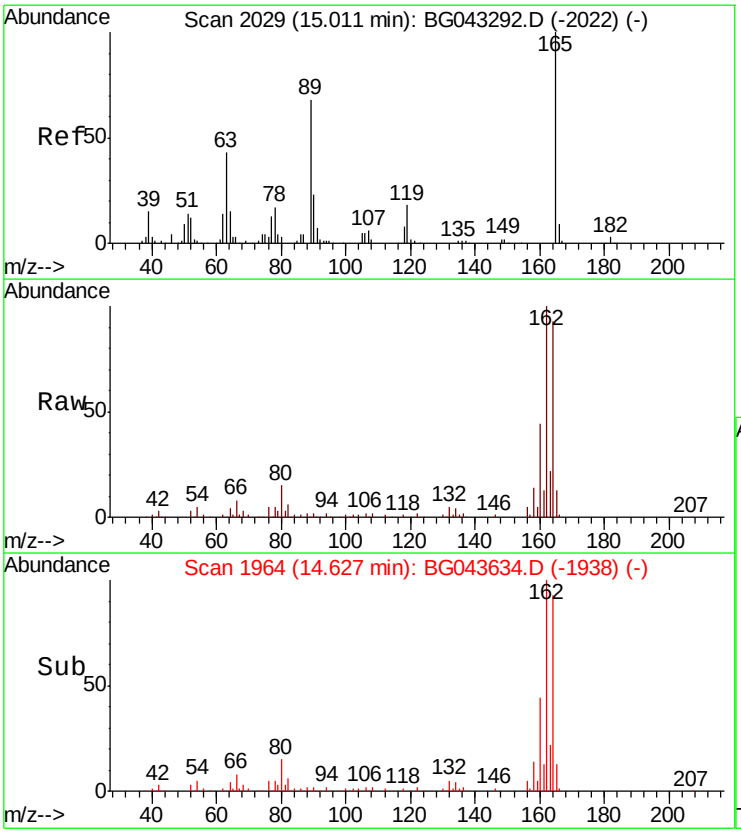
#54
2,4-Dinitrophenol
Concen: 7.336 ng
RT: 15.12 min Scan# 2047
Delta R.T. 0.36 min
Lab File: BG043634.D
Acq: 14 Nov 2019 15:18

Instrument :
BNA_G
ClientSampleId :
TP-15-S

Tgt Ion:184 Resp: 59

Ion	Ratio	Lower	Upper
184	100		
63	0.0	51.3	76.9#
154	0.0	55.4	83.0#

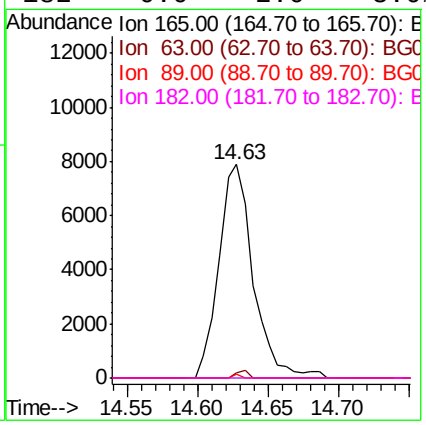


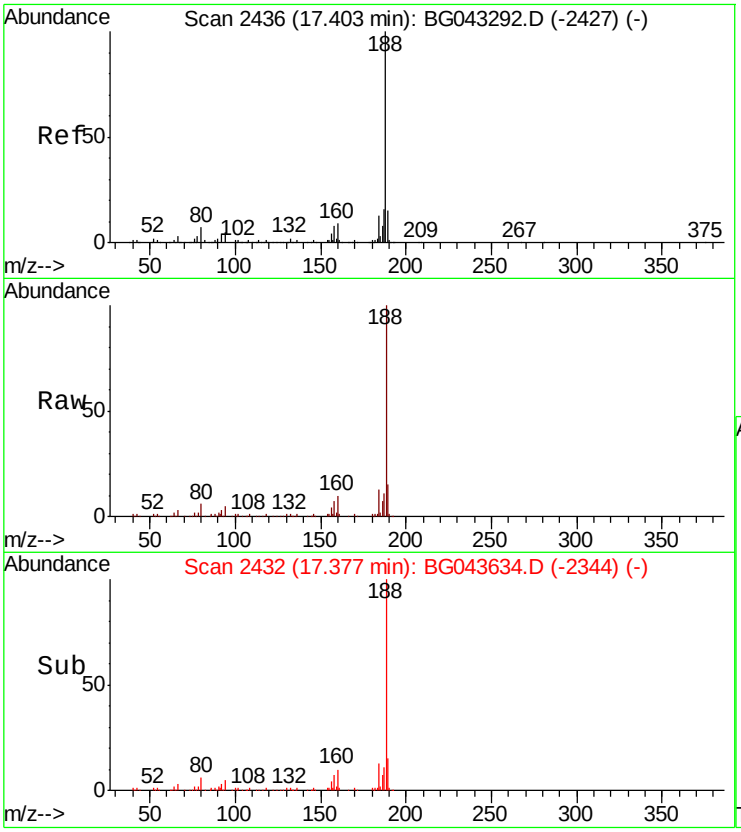


#57
2,4-Dinitrotoluene
Concen: 5.764 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.38 min
Lab File: BG043634.D
Acq: 14 Nov 2019 15:18

Tgt Ion:165 Resp: 13319

Ion	Ratio	Lower	Upper
165	100		
63	2.4	33.2	49.8#
89	2.0	52.2	78.4#
182	0.0	2.0	3.0#



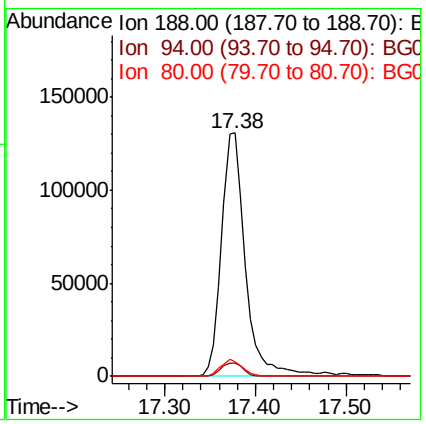


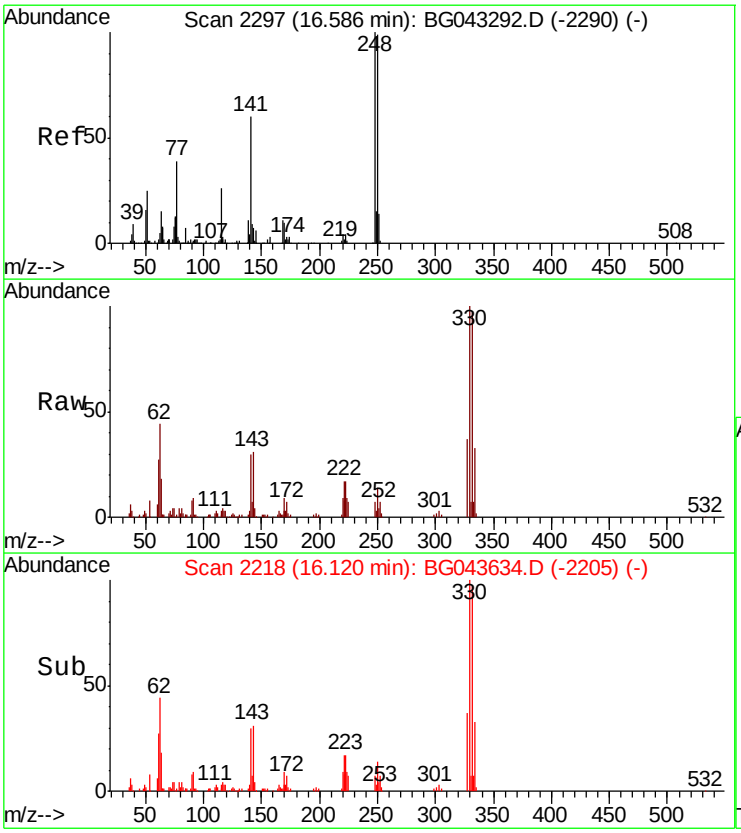
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043634.D
Acq: 14 Nov 2019 15:18

Instrument :
BNA_G
ClientSampleId :
TP-15-S

Tgt Ion:188 Resp: 240320

Ion	Ratio	Lower	Upper
188	100		
94	5.5	4.2	6.4
80	6.2	4.5	6.7

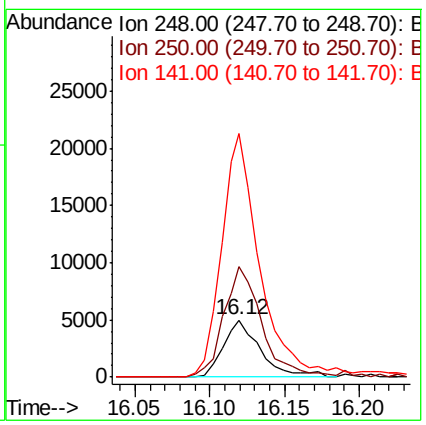


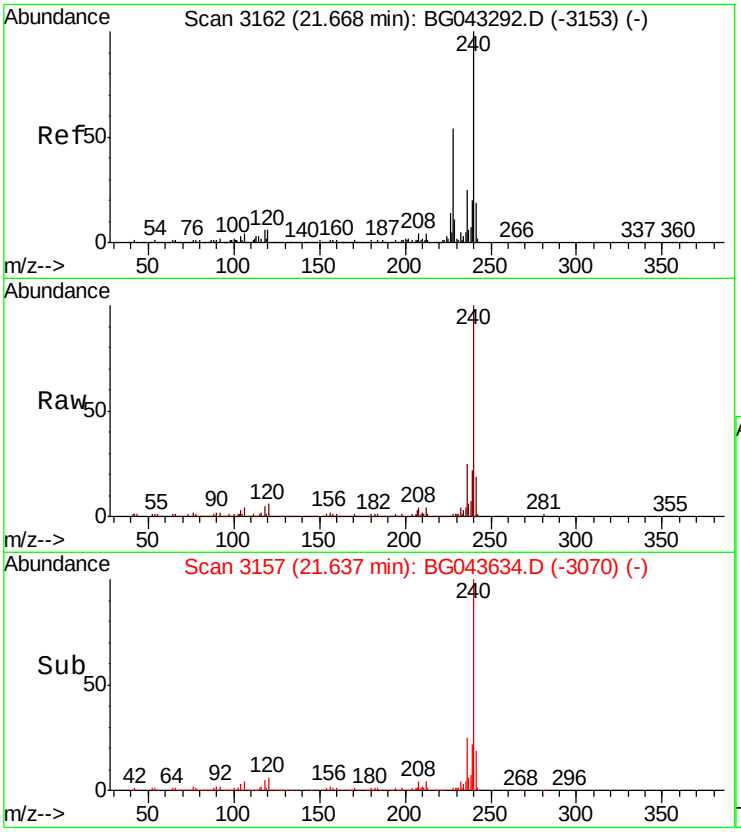


#67
4-Bromophenyl-phenylether
Concen: 2.669 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.45 min
Lab File: BG043634.D
Acq: 14 Nov 2019 15:18

Tgt Ion:248 Resp: 8631

Ion	Ratio	Lower	Upper
248	100		
250	192.8	77.0	115.4#
141	427.0	47.5	71.3#



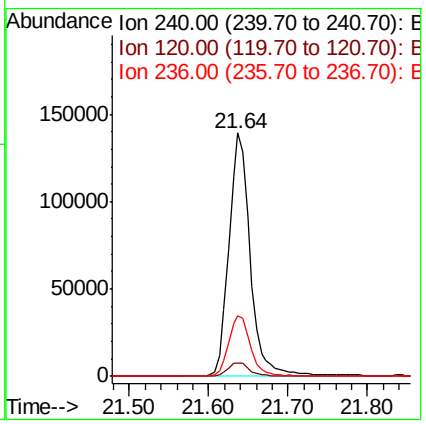


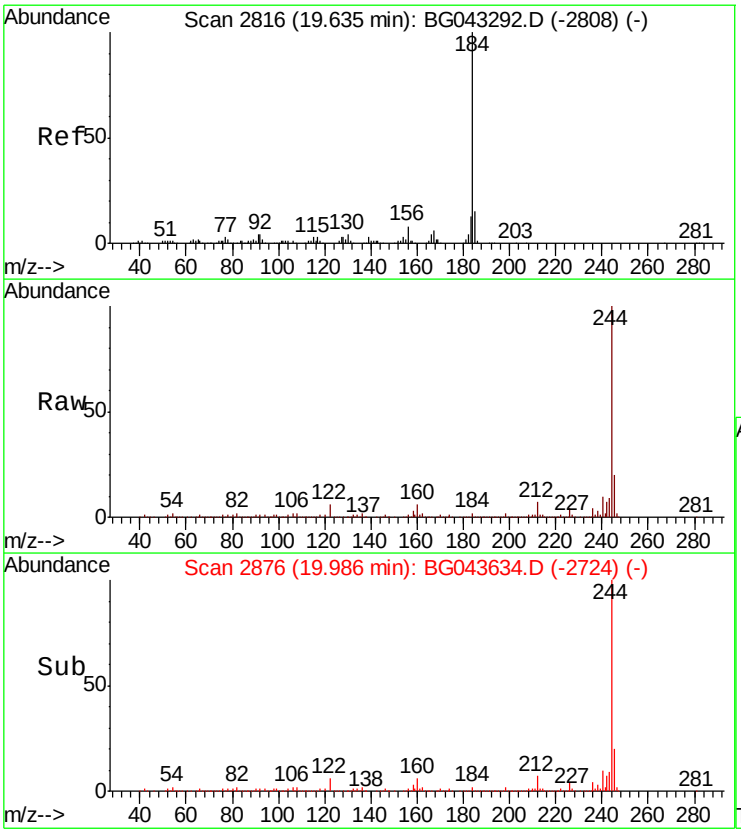
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.02 min
Lab File: BG043634.D
Acq: 14 Nov 2019 15:18

Instrument :
BNA_G
ClientSampleId :
TP-15-S

Tgt Ion:240 Resp: 258240

Ion	Ratio	Lower	Upper
240	100		
120	5.6	4.6	6.8
236	25.1	19.8	29.8

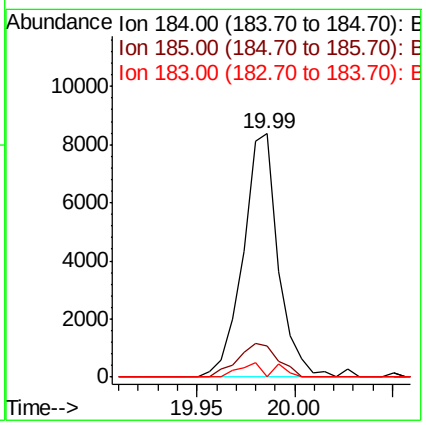


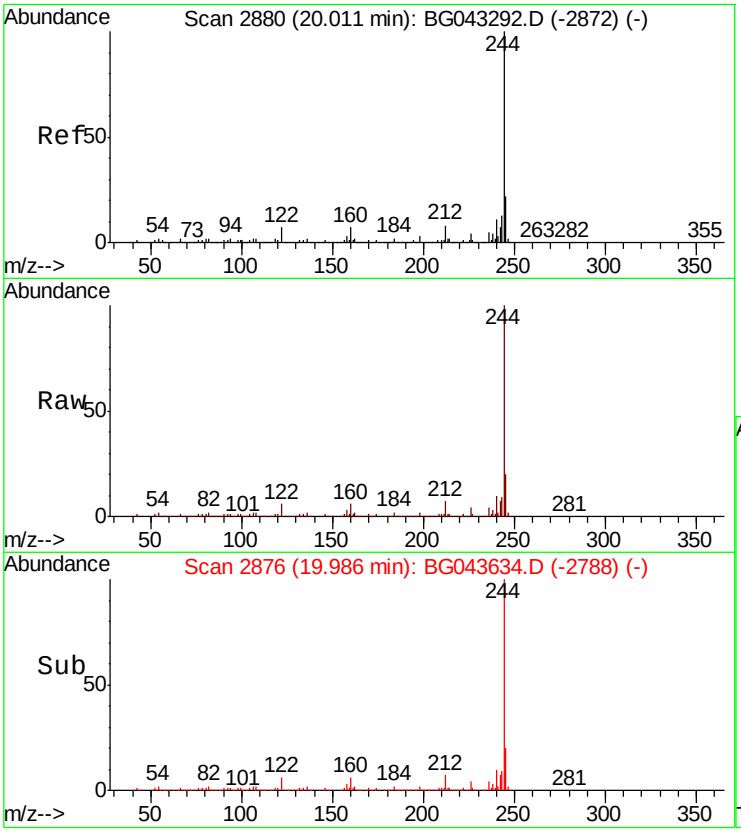


#77
Benzidine
Concen: 2.011 ng
RT: 19.99 min Scan# 2876
Delta R.T. 0.36 min
Lab File: BG043634.D
Acq: 14 Nov 2019 15:18

Tgt Ion:184 Resp: 10451

Ion	Ratio	Lower	Upper
184	100		
185	12.7	11.0	16.4
183	0.0	10.0	15.0#



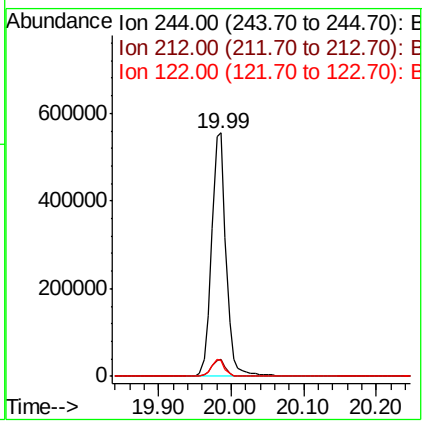


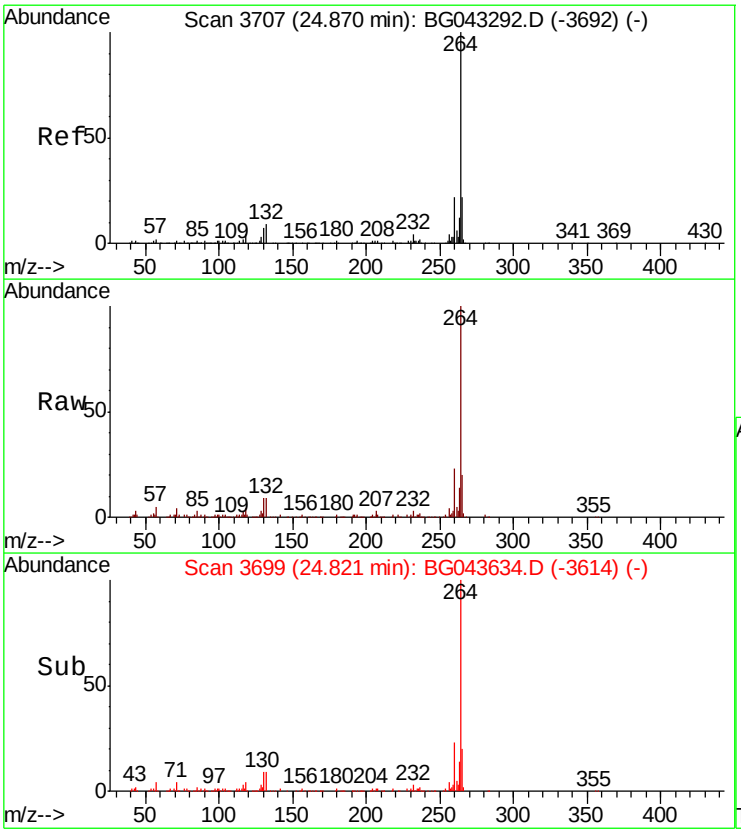
#79
Terphenyl-d14
Concen: 56.036 ng
RT: 19.99 min Scan# 2876
Delta R.T. -0.01 min
Lab File: BG043634.D
Acq: 14 Nov 2019 15:18

Instrument :
BNA_G
ClientSampleId :
TP-15-S

Tgt Ion:244 Resp: 771341

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	6.4	5.4	8.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.03 min
Lab File: BG043634.D
Acq: 14 Nov 2019 15:18

Tgt Ion:264 Resp: 306408

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.5	26.3
265	20.2	17.4	26.0