Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
Data File : BG043433.D
Acq On : 31 Oct 2019 13:25
Operator : JU
Sample : K5599-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 31 14:01:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	35910	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	131767	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	99563	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	242695	20.00	ng	0.00
76) Chrysene-d12	21.66	240	268406	20.00	ng	0.00
87) Perylene-d12	24.86	264	307866	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	187531	95.69	ng	0.00
7) Phenol-d6	7.20	99	273688	97.07	ng	0.00
23) Nitrobenzene-d5	9.18	82	155946	61.01	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	166675	87.97	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	459320	63.75	ng	0.00
79) Terphenyl-d14	20.00	244	958346	66.98	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.23	94	5450	2.115	ng	# 65
19) n-Nitroso-di-n-propylamine	9.18	70	21252	11.665	ng	# 80
50) Dimethylphthalate	14.11	163	34449	4.467	ng	# 94
51) 2,6-Dinitrotoluene	14.65	165	13415	8.007	ng	# 23
57) 2,4-Dinitrotoluene	14.65	165	13414	5.602	ng	# 24
67) 4-Bromophenyl-phenylether	16.14	248	10070	3.083	ng	# 1
77) Benzidine	20.00	184	13185	2.441	ng	# 90

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

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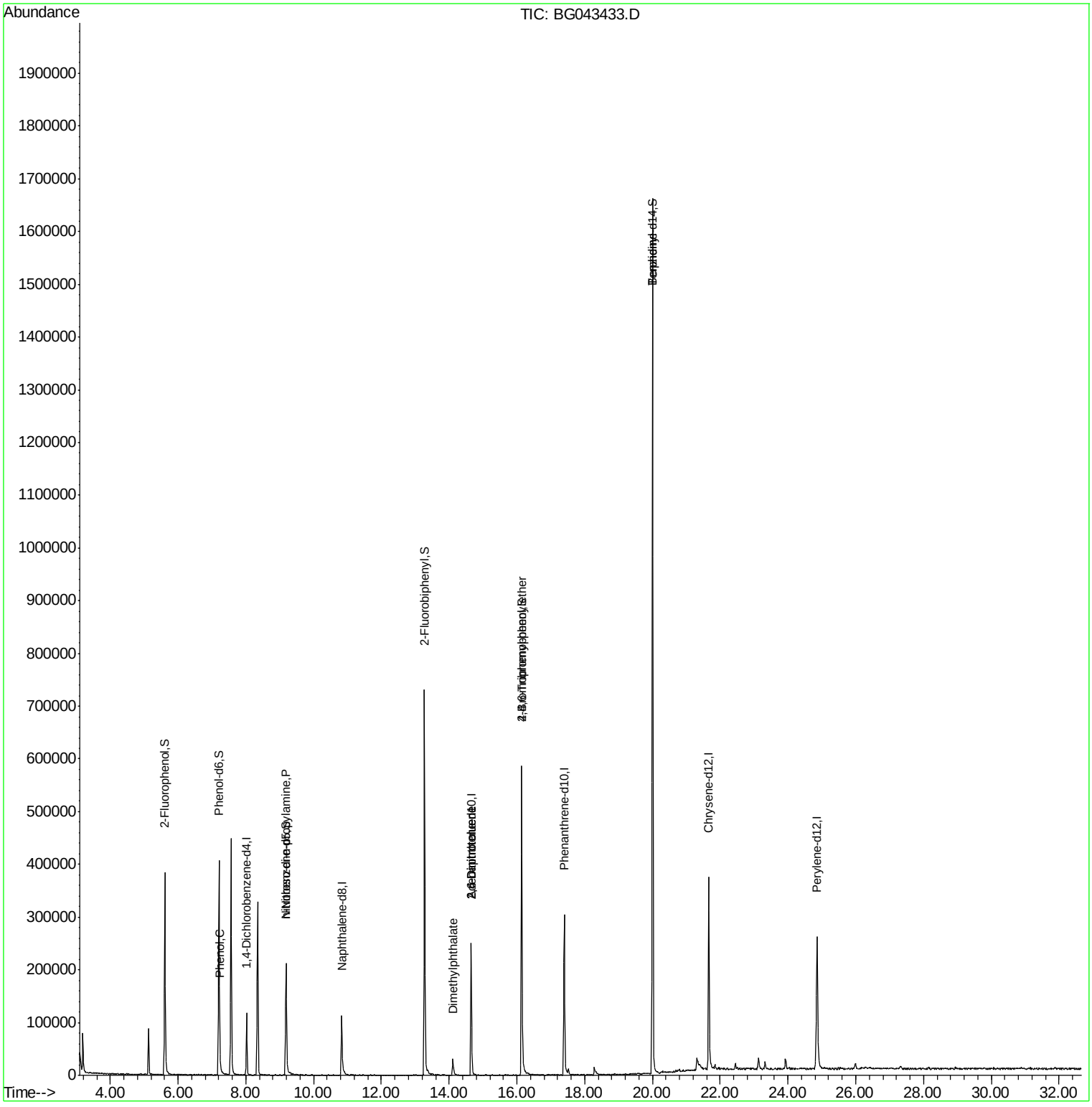
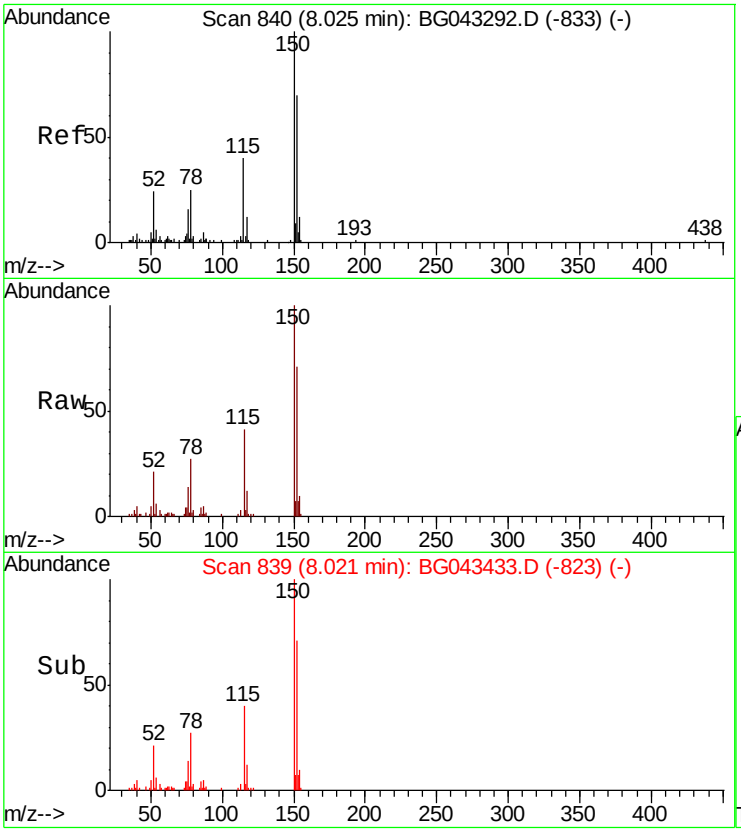


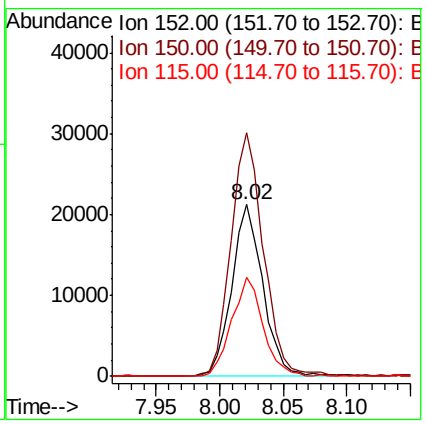


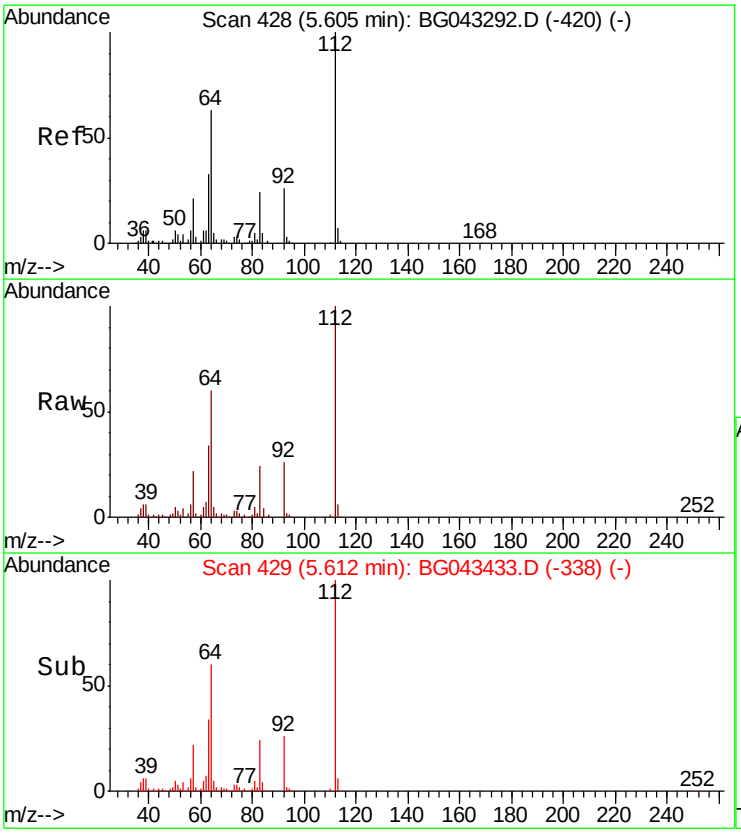
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BG043433.D
Acq: 31 Oct 2019 13:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 35910

Ion	Ratio	Lower	Upper
152	100		
150	141.8	113.6	170.4
115	57.5	45.9	68.9

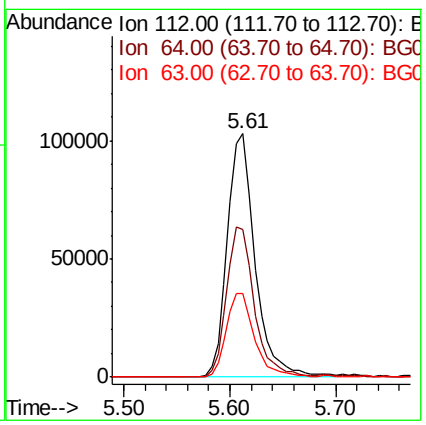


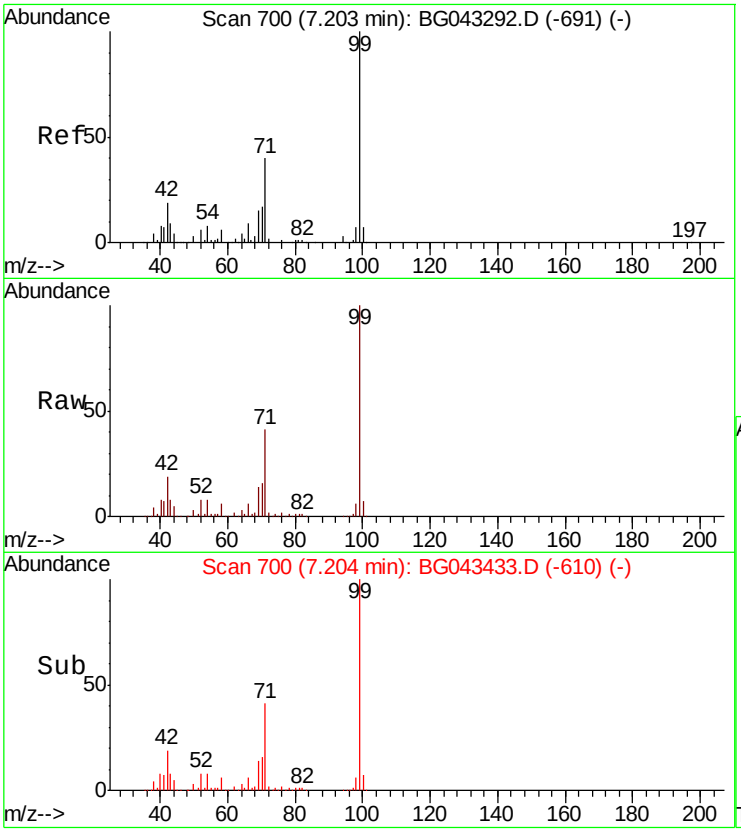


#5
2-Fluorophenol
Concen: 95.695 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG043433.D
Acq: 31 Oct 2019 13:25

Tgt Ion:112 Resp: 187531

Ion	Ratio	Lower	Upper
112	100		
64	60.5	50.2	75.2
63	34.1	26.7	40.1



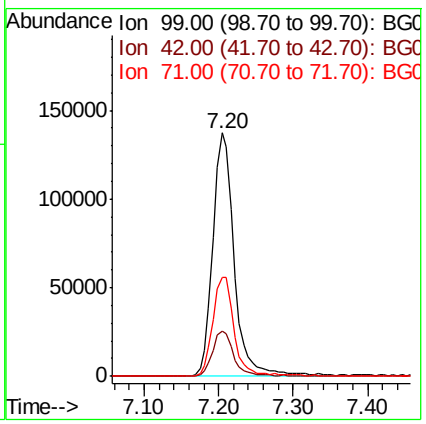


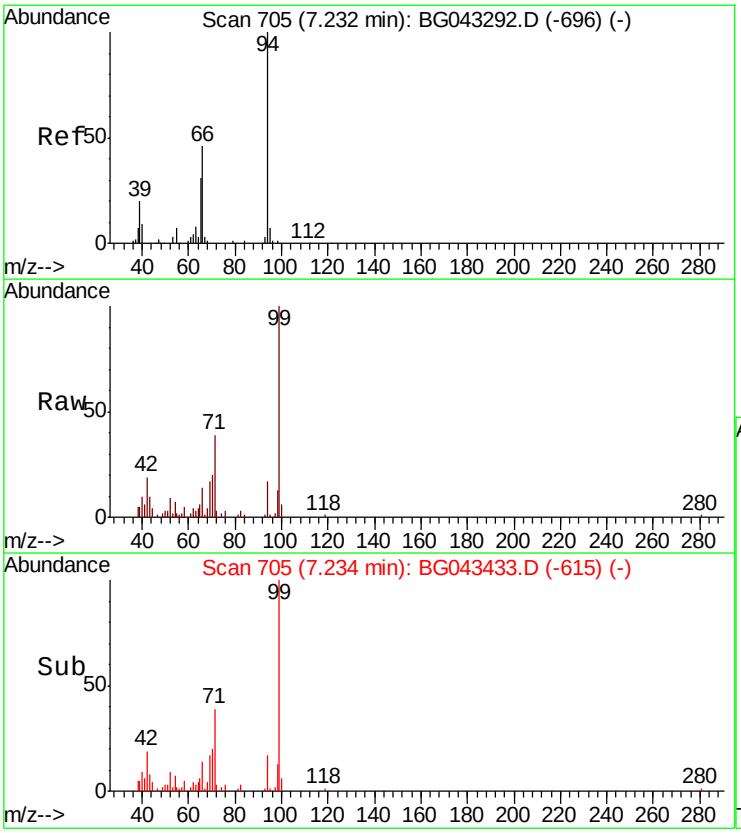
#7
Phenol-d6
Concen: 97.069 ng
RT: 7.20 min Scan# 700
Delta R.T. 0.00 min
Lab File: BG043433.D
Acq: 31 Oct 2019 13:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 273688

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.9	22.3
71	40.8	32.2	48.2

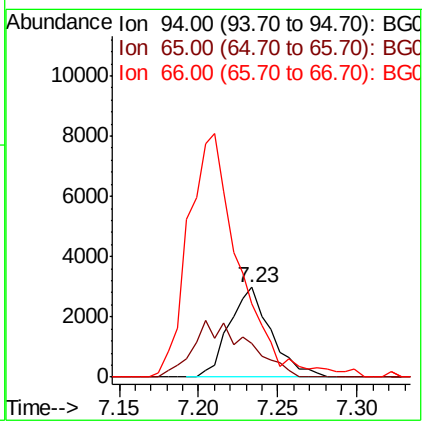


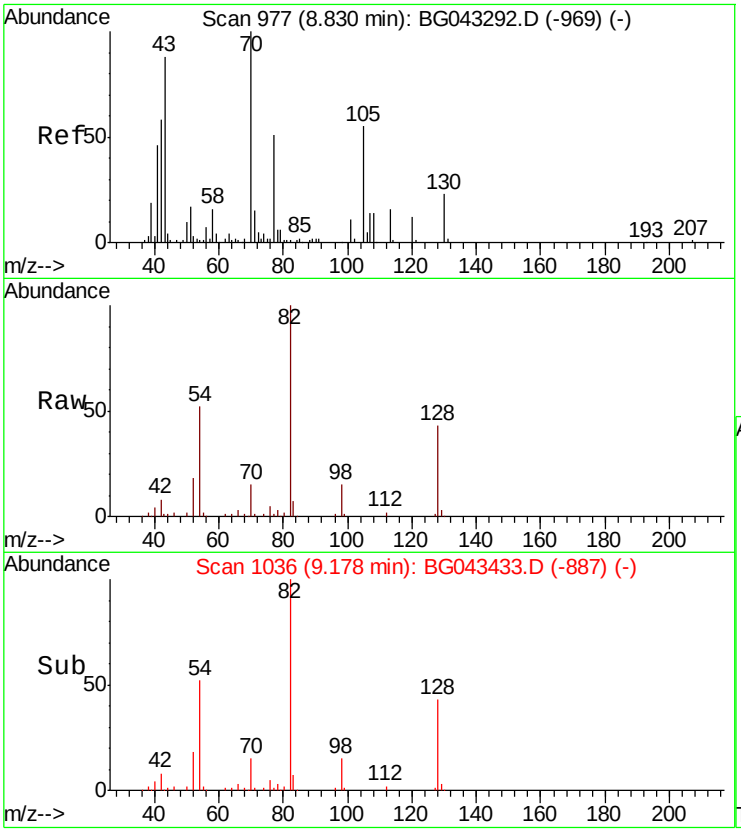


#10
Phenol
Concen: 2.115 ng
RT: 7.23 min Scan# 705
Delta R.T. 0.00 min
Lab File: BG043433.D
Acq: 31 Oct 2019 13:25

Tgt Ion: 94 Resp: 5450

Ion	Ratio	Lower	Upper
94	100		
65	37.5	11.1	51.1
66	81.1	27.8	67.8#



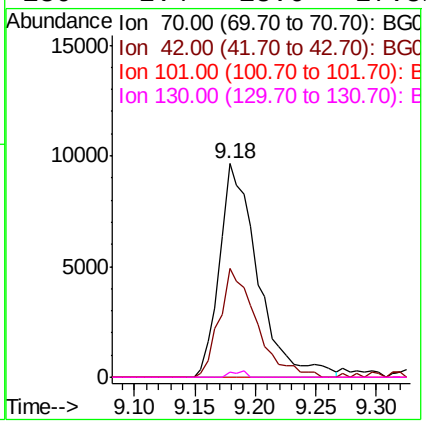


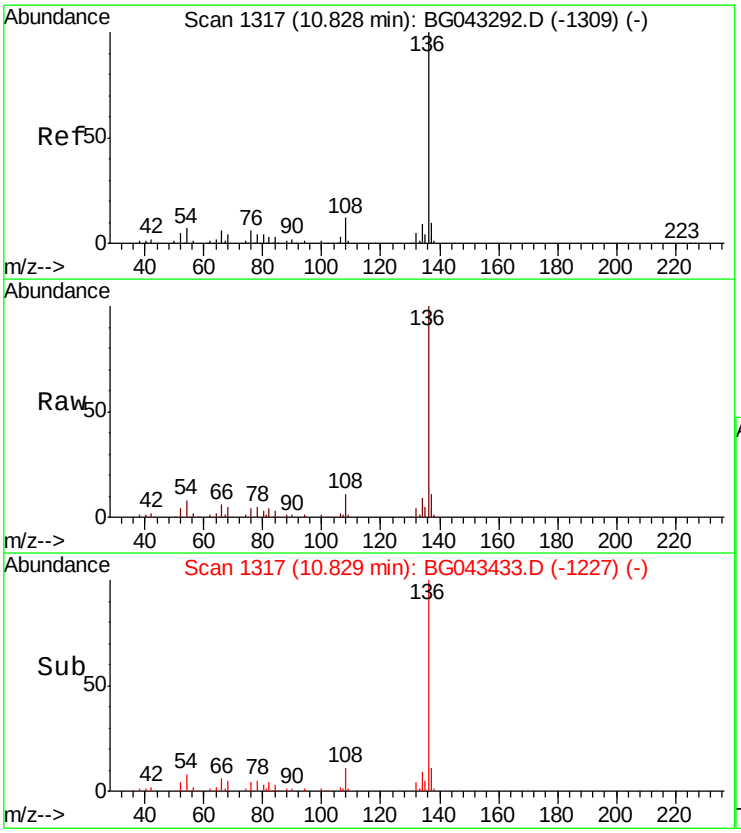
#19
n-Nitroso-di-n-propylamine
Concen: 11.665 ng
RT: 9.18 min Scan# 1036
Delta R.T. 0.35 min
Lab File: BG043433.D
Acq: 31 Oct 2019 13:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 21252

Ion	Ratio	Lower	Upper
70	100		
42	50.8	46.2	69.2
101	0.0	8.6	13.0#
130	2.4	18.6	27.8#

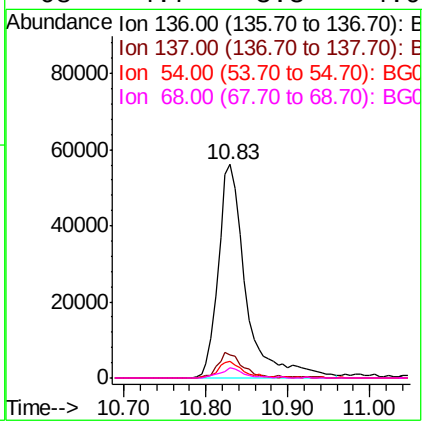


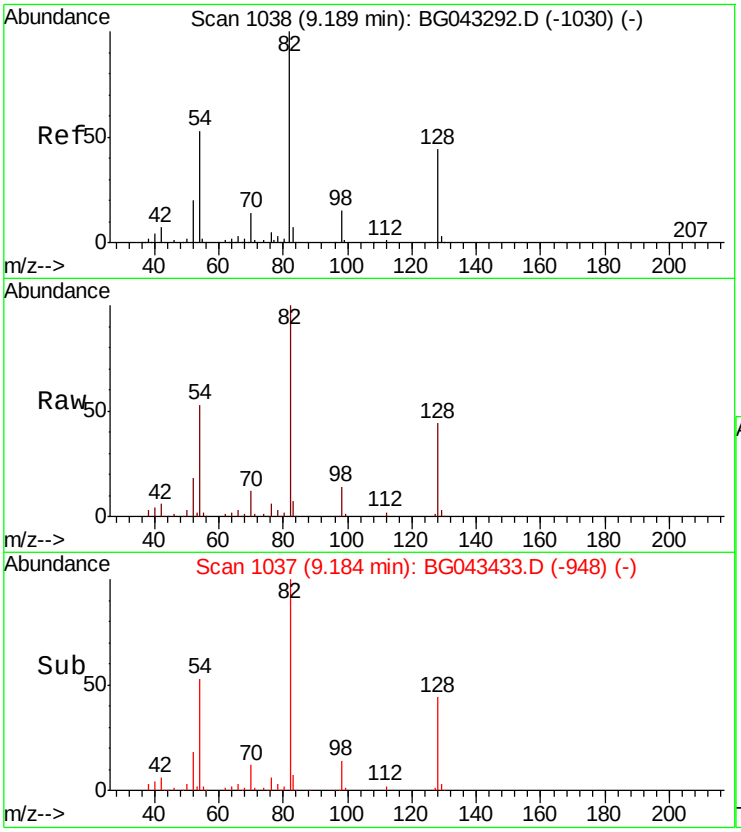


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG043433.D
Acq: 31 Oct 2019 13:25

Tgt Ion:136 Resp: 131767

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.2
54	7.7	5.4	8.2
68	4.7	3.3	4.9



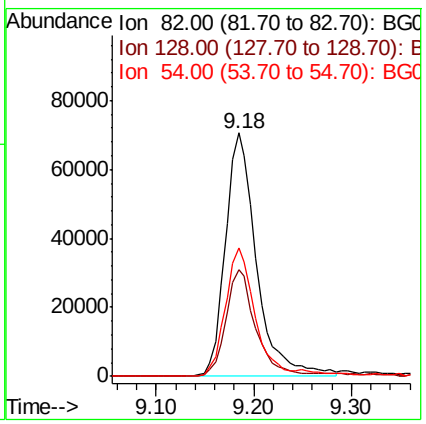


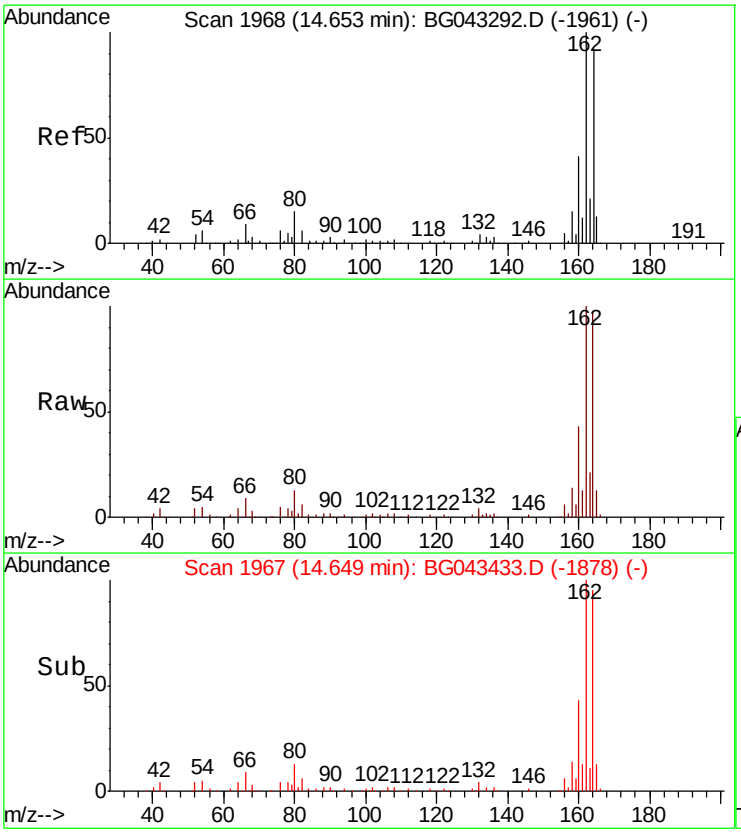
#23
Nitrobenzene-d5
Concen: 61.015 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG043433.D
Acq: 31 Oct 2019 13:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 155946

Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.3	52.9
54	52.7	42.3	63.5

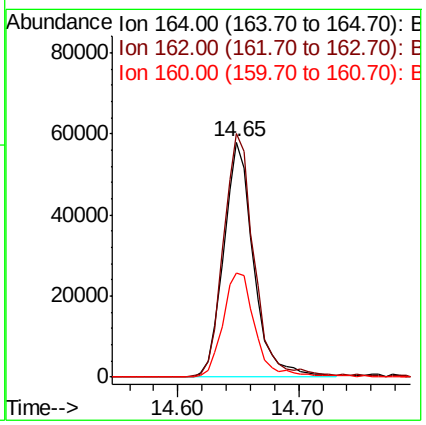


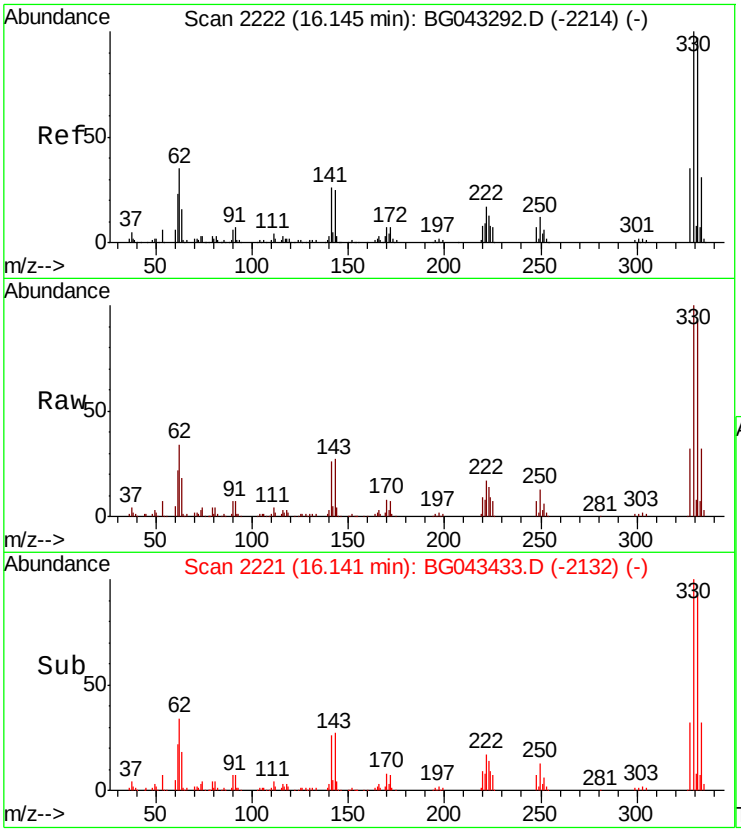


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG043433.D
Acq: 31 Oct 2019 13:25

Tgt Ion:164 Resp: 99563

Ion	Ratio	Lower	Upper
164	100		
162	103.5	87.0	130.4
160	44.4	35.5	53.3



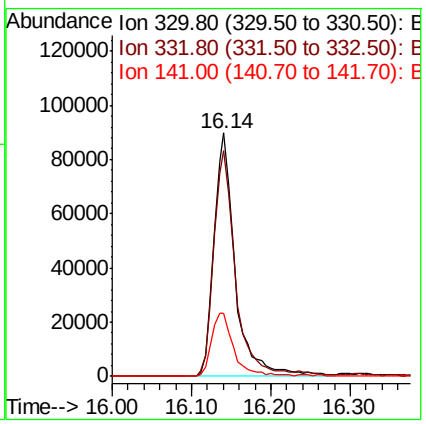


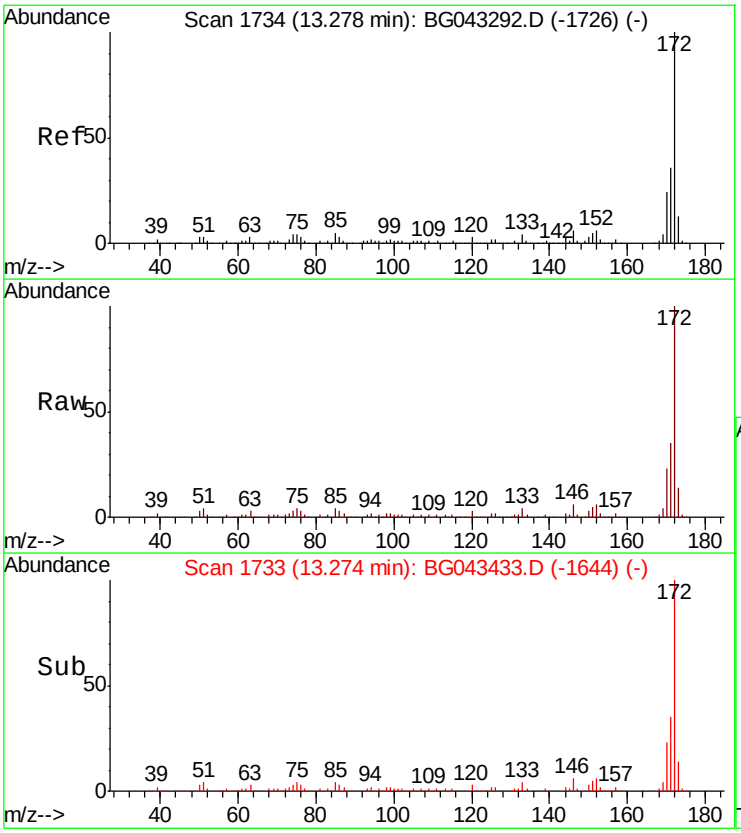
#42
2,4,6-Tribromophenol
Concen: 87.970 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BG043433.D
Acq: 31 Oct 2019 13:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 166675

Ion	Ratio	Lower	Upper
330	100		
332	93.5	76.4	114.6
141	26.8	21.4	32.0

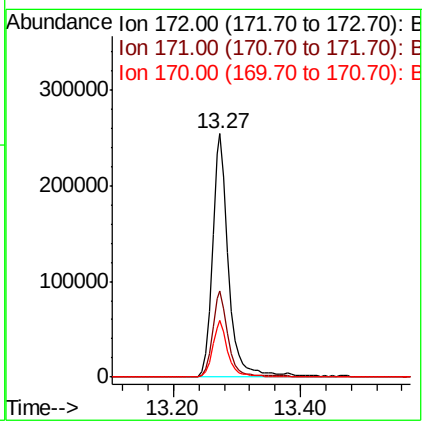


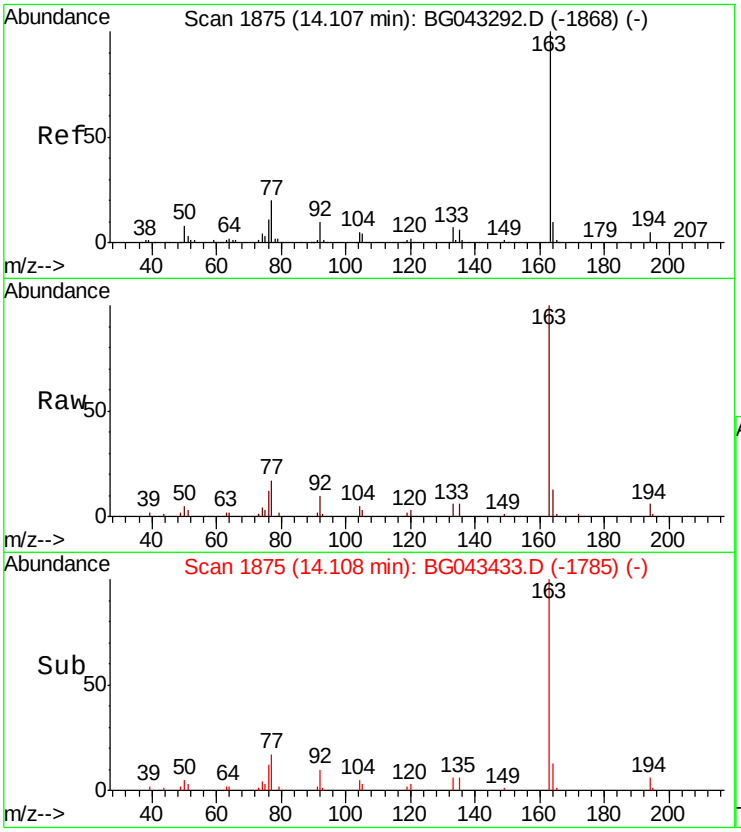


#45
2-Fluorobiphenyl
Concen: 63.748 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.00 min
Lab File: BG043433.D
Acq: 31 Oct 2019 13:25

Tgt Ion:172 Resp: 459320

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.2	18.8	28.2



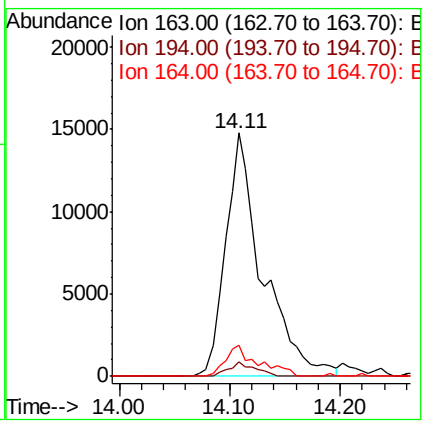


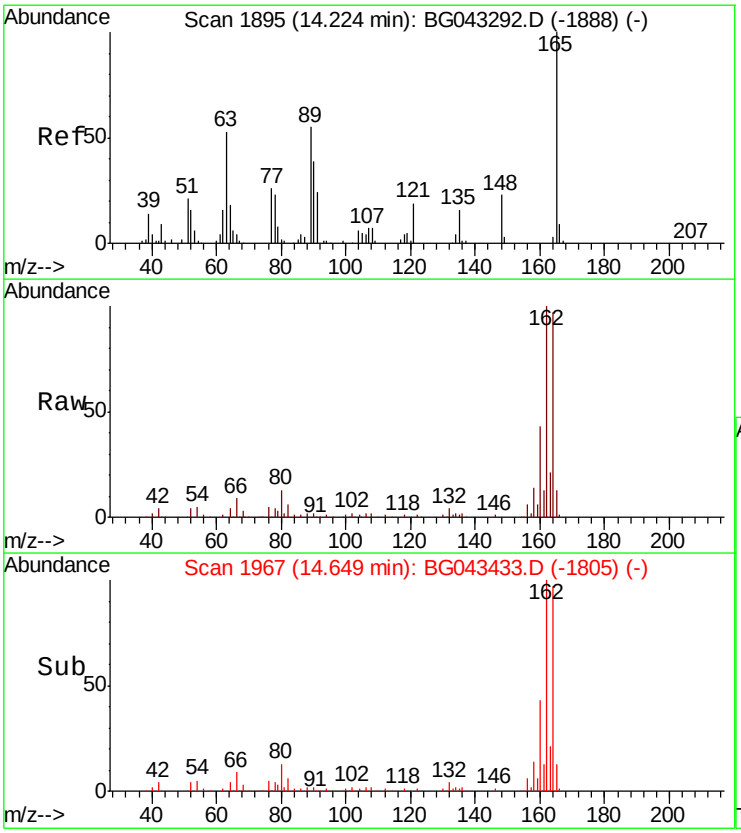
#50
Dimethylphthalate
Concen: 4.467 ng
RT: 14.11 min Scan# 1875
Delta R.T. 0.00 min
Lab File: BG043433.D
Acq: 31 Oct 2019 13:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 34449

Ion	Ratio	Lower	Upper
163	100		
194	5.9	3.7	5.5#
164	12.7	8.1	12.1#

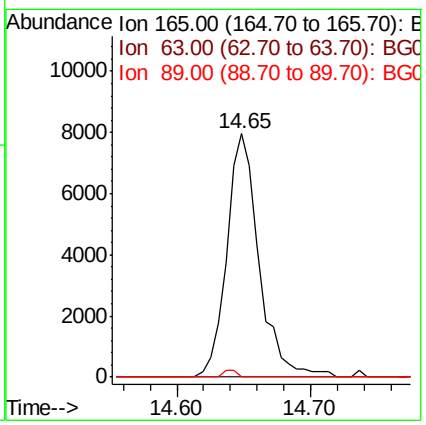


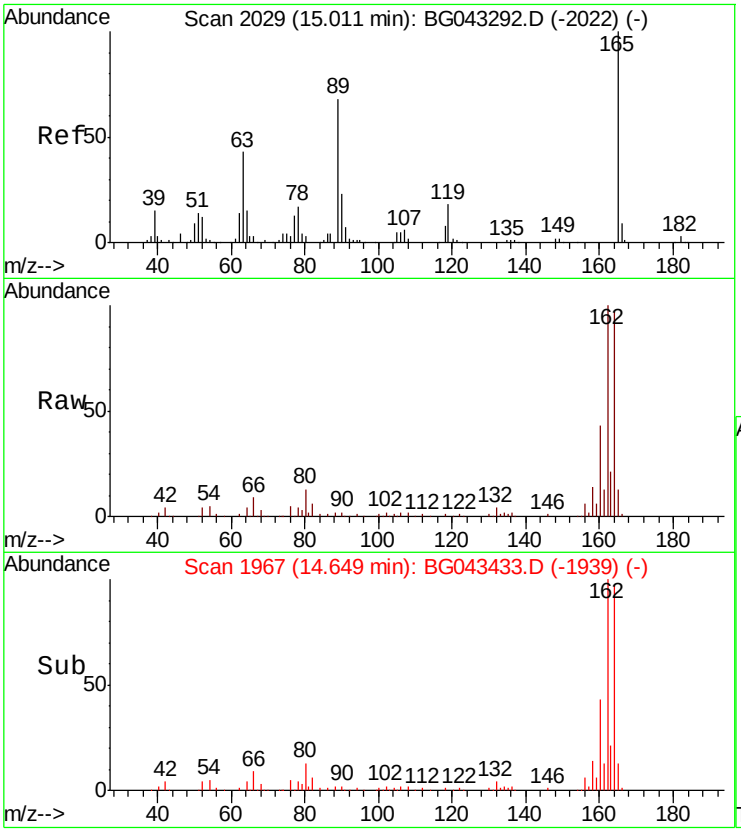


#51
2,6-Dinitrotoluene
Concen: 8.007 ng
RT: 14.65 min Scan# 1967
Delta R.T. 0.42 min
Lab File: BG043433.D
Acq: 31 Oct 2019 13:25

Tgt Ion:165 Resp: 13415

Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.1	70.7#
89	0.0	43.7	65.5#



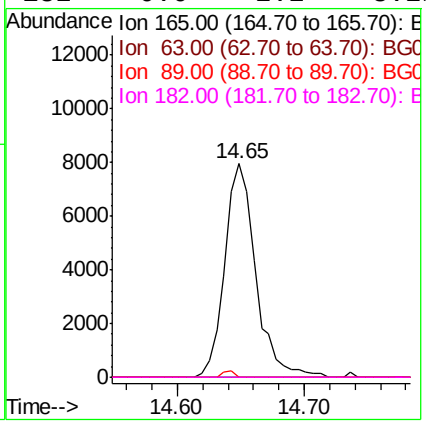


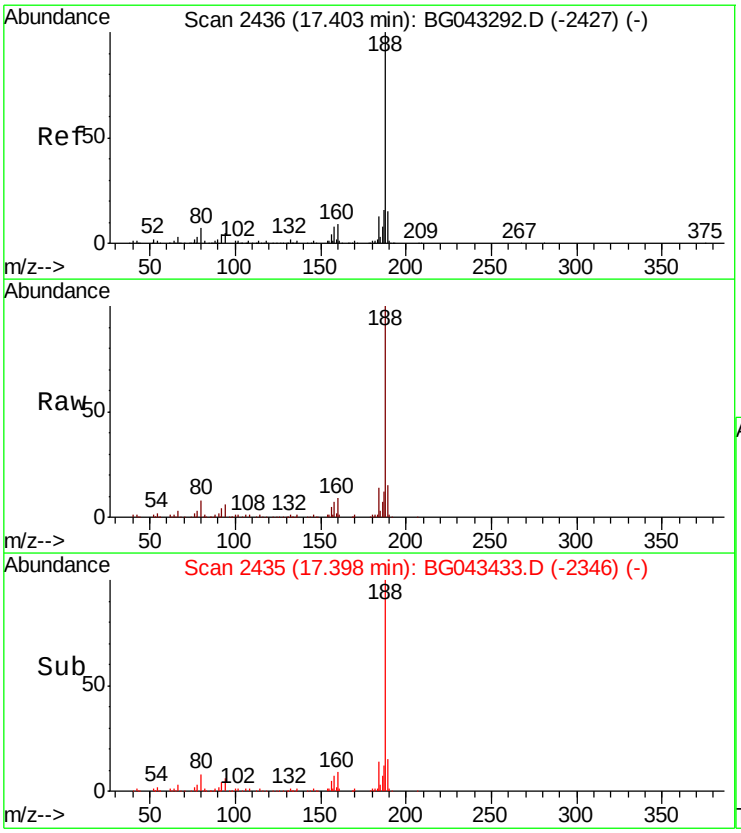
#57
2,4-Dinitrotoluene
Concen: 5.602 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.36 min
Lab File: BG043433.D
Acq: 31 Oct 2019 13:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 13414

Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.6#
89	0.0	54.1	81.1#
182	0.0	2.2	3.2#

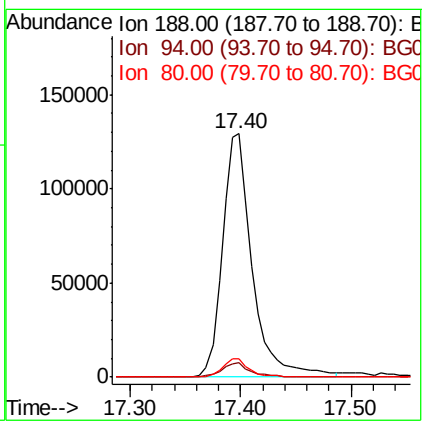


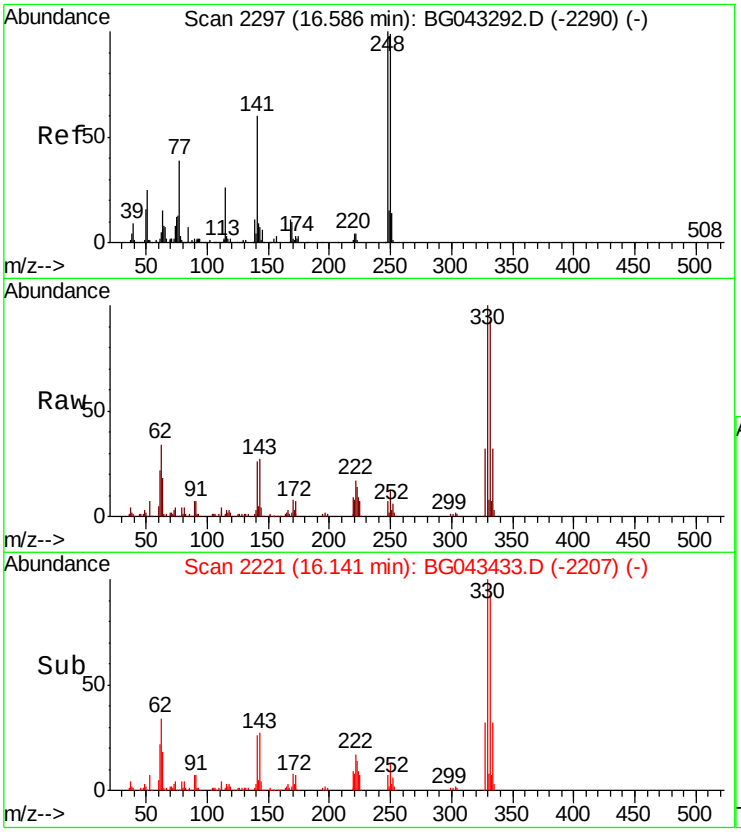


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG043433.D
Acq: 31 Oct 2019 13:25

Tgt Ion:188 Resp: 242695

Ion	Ratio	Lower	Upper
188	100		
94	5.8	4.2	6.2
80	7.7	5.2	7.8



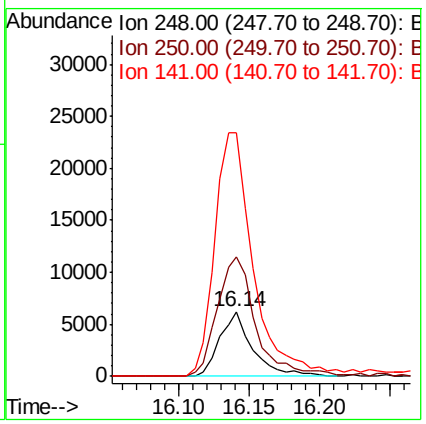


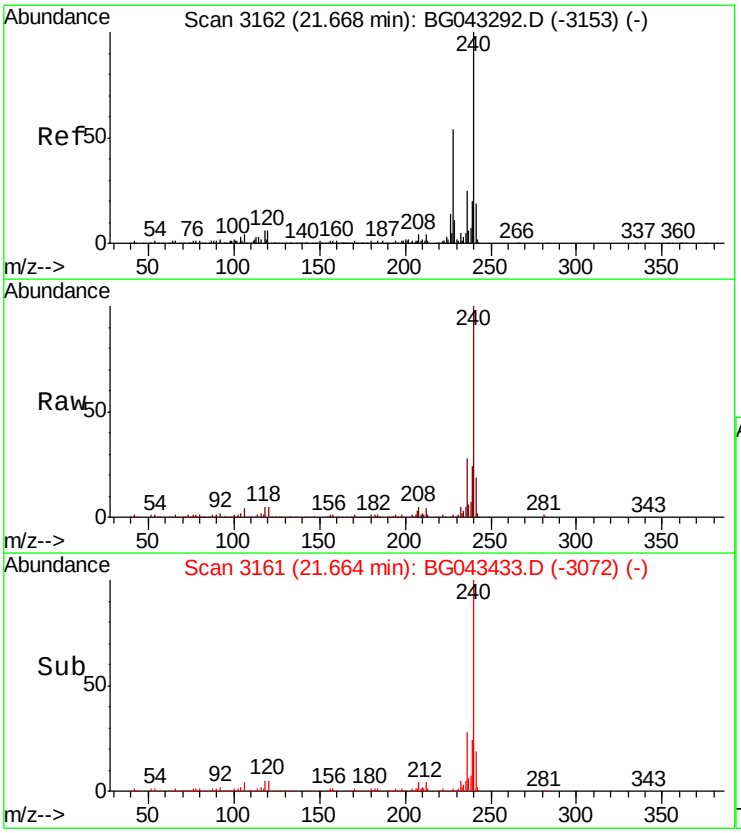
#67
4-Bromophenyl-phenylether
Concen: 3.083 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.45 min
Lab File: BG043433.D
Acq: 31 Oct 2019 13:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 10070

Ion	Ratio	Lower	Upper
248	100		
250	184.8	79.3	118.9#
141	374.9	47.9	71.9#

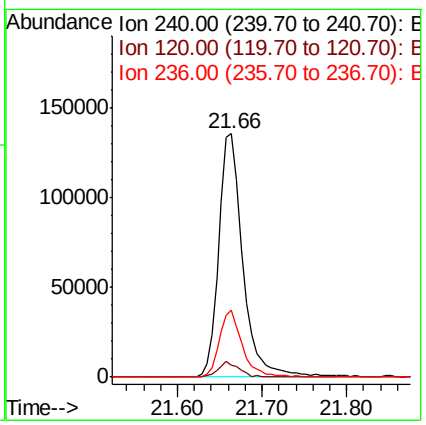


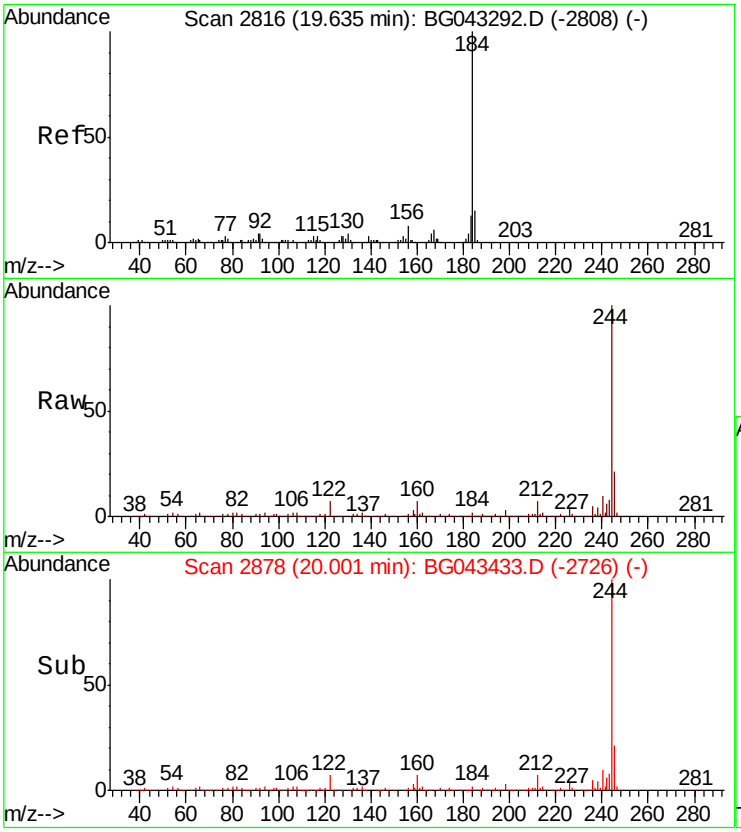


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.00 min
Lab File: BG043433.D
Acq: 31 Oct 2019 13:25

Tgt Ion:240 Resp: 268406

Ion	Ratio	Lower	Upper
240	100		
120	5.0	4.6	7.0
236	27.7	20.2	30.4



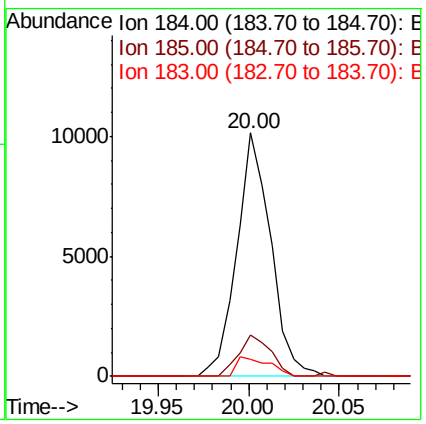


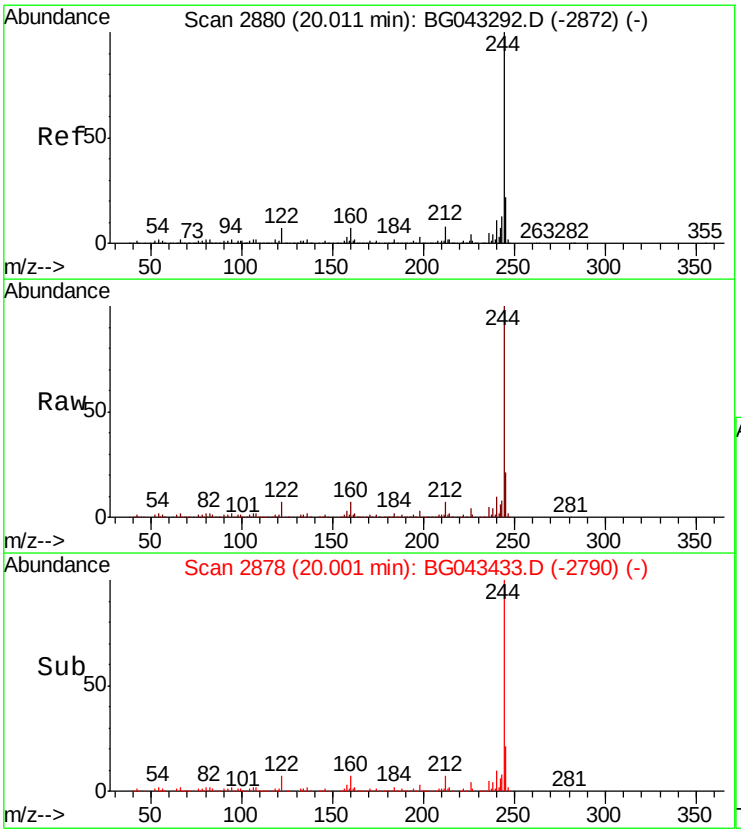
#77
Benzidine
Concen: 2.441 ng
RT: 20.00 min Scan# 2878
Delta R.T. 0.37 min
Lab File: BG043433.D
Acq: 31 Oct 2019 13:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 13185

Ion	Ratio	Lower	Upper
184	100		
185	16.8	11.8	17.6
183	7.0	10.6	16.0#

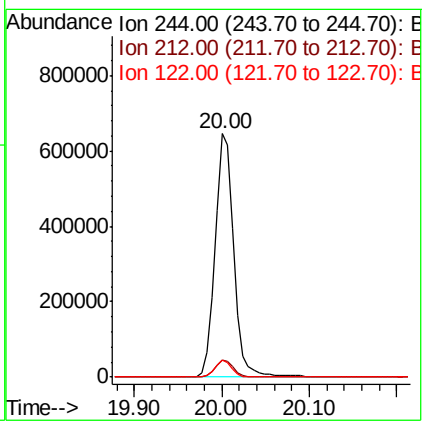


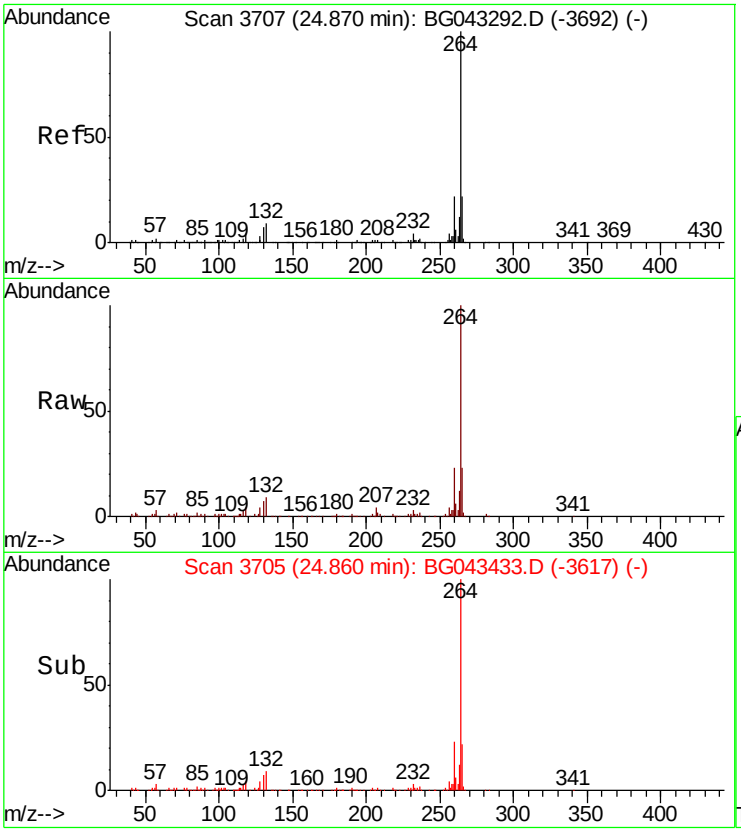


#79
Terphenyl-d14
Concen: 66.985 ng
RT: 20.00 min Scan# 2878
Delta R.T. -0.01 min
Lab File: BG043433.D
Acq: 31 Oct 2019 13:25

Tgt Ion:244 Resp: 958346

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.4	9.6
122	6.8	5.3	7.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG043433.D
Acq: 31 Oct 2019 13:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 307866

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.9	26.9
265	22.6	17.4	26.2