Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
Data File : BG043492.D
Acq On : 4 Nov 2019 22:19
Operator : JU
Sample : K5676-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-02-110119

Quant Time: Nov 05 00:58:10 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	8.01	152	38269	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	145876	20.00	ng		0.00
39) Acenaphthene-d10	14.64	164	111694	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	270574	20.00	ng		0.00
76) Chrysene-d12	21.65	240	294969	20.00	ng		0.00
87) Perylene-d12	24.85	264	359851	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	181366	86.84	ng		0.00
7) Phenol-d6	7.19	99	253580	84.39	ng		0.00
23) Nitrobenzene-d5	9.17	82	147388	52.09	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	169933	79.95	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	416475	51.52	ng		0.00
79) Terphenyl-d14	19.99	244	862403	54.85	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.22	94	10346	3.768	ng		84
19) n-Nitroso-di-n-propylamine	9.17	70	21127	10.881	ng	#	78
50) Dimethylphthalate	14.09	163	56360	6.514	ng	#	95
54) 2,4-Dinitrophenol	15.11	184	91	7.353	ng	#	17
57) 2,4-Dinitrotoluene	14.64	165	14129	5.260	ng	#	25
67) 4-Bromophenyl-phenylether	16.13	248	10830	2.974	ng	#	1
77) Benzidine	19.99	184	13301	2.241	ng	#	91

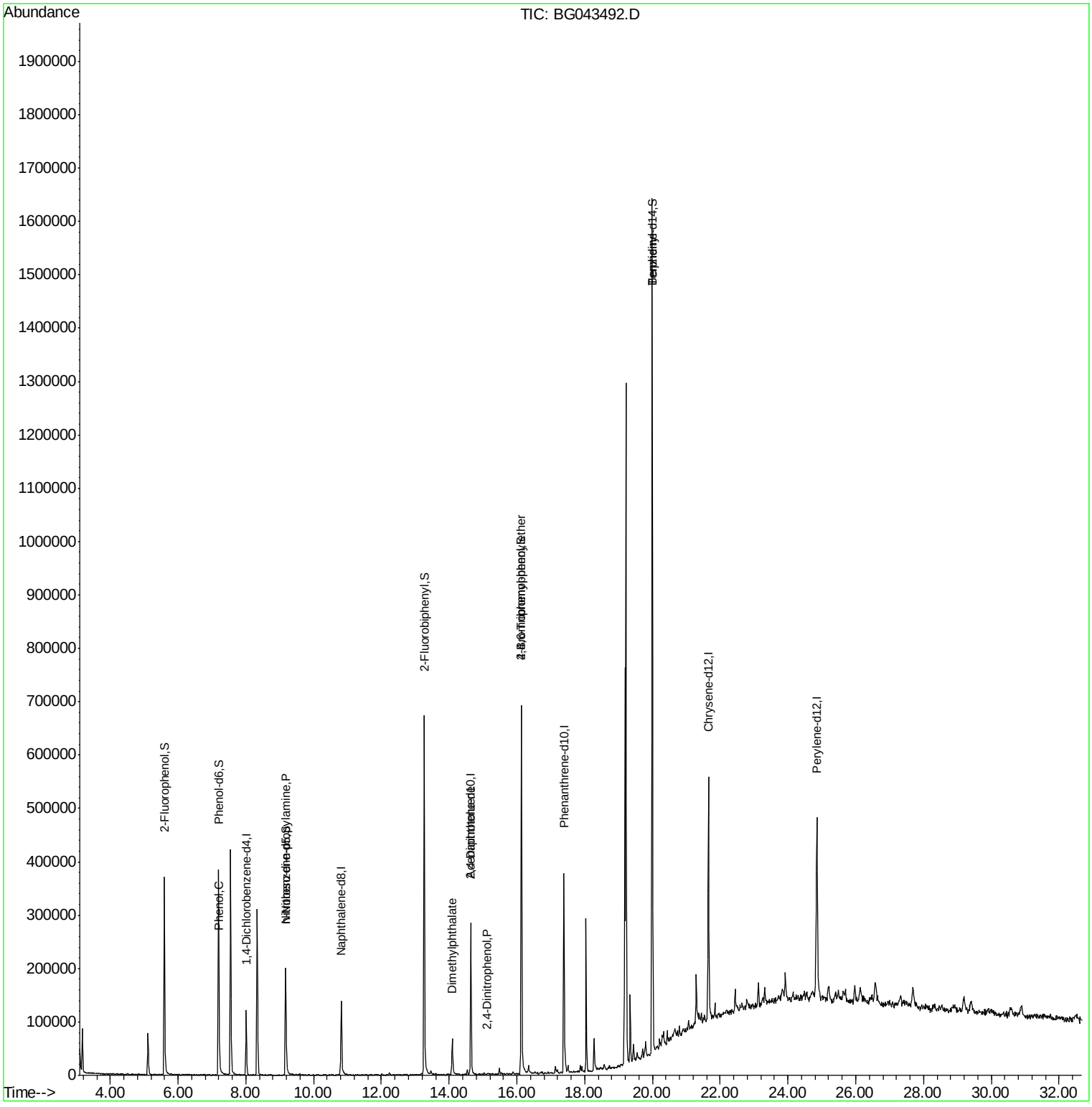
(#) = qualifier out of range (m) = manual integration (+) = signals summed

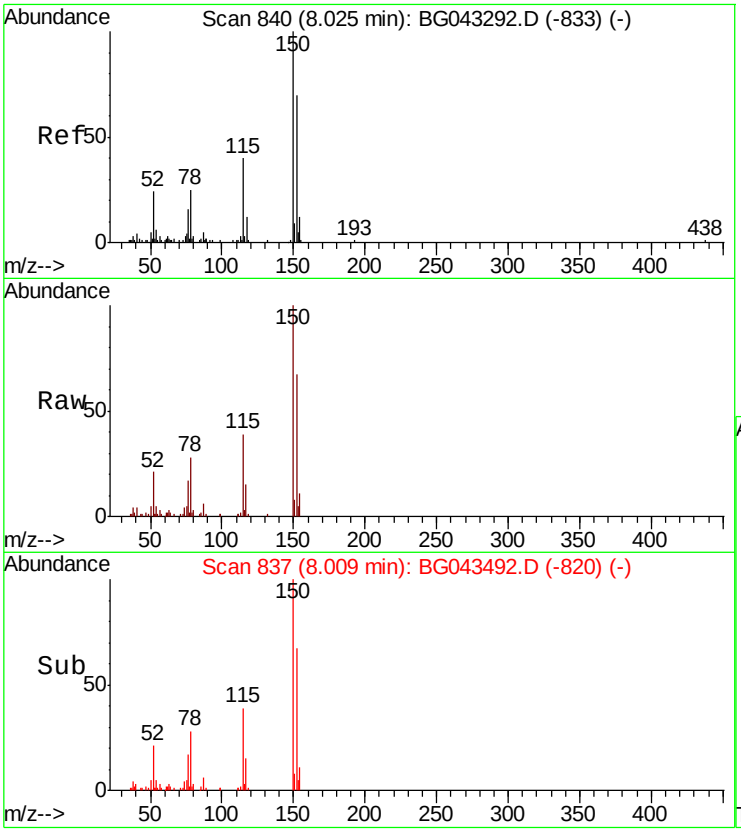
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
Data File : BG043492.D
Acq On : 4 Nov 2019 22:19
Operator : JU
Sample : K5676-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-02-110119

Quant Time: Nov 05 00:58:10 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



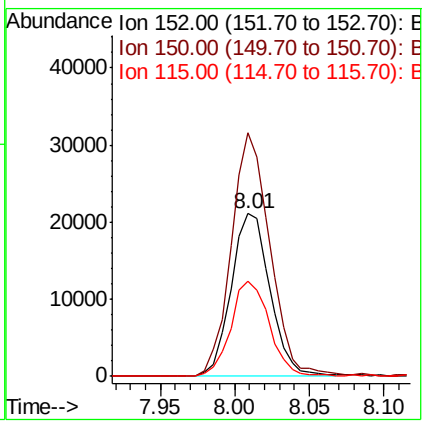


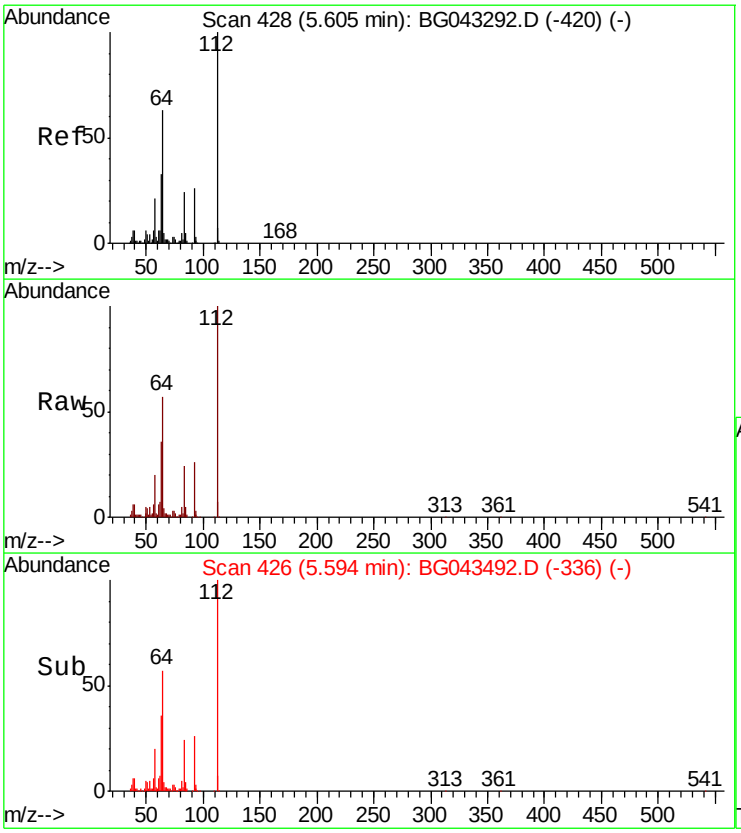
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043492.D
Acq: 4 Nov 2019 22:19

Instrument :
BNA_G
ClientSampleId :
SU-02-110119

Tgt Ion:152 Resp: 38269

Ion	Ratio	Lower	Upper
152	100		
150	149.8	129.4	194.0
115	58.6	48.8	73.2

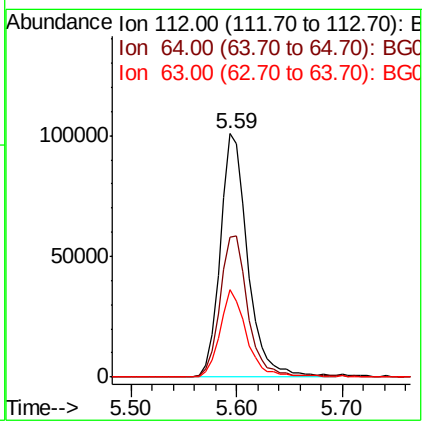


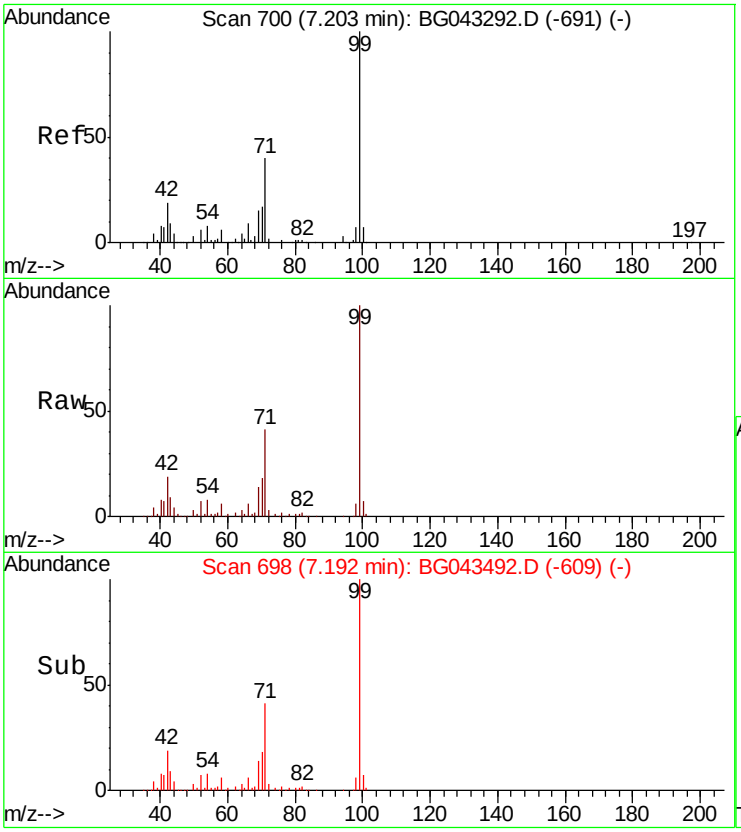


#5
2-Fluorophenol
Concen: 86.844 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG043492.D
Acq: 4 Nov 2019 22:19

Tgt Ion:112 Resp: 181366

Ion	Ratio	Lower	Upper
112	100		
64	57.4	50.0	75.0
63	36.0	26.6	40.0



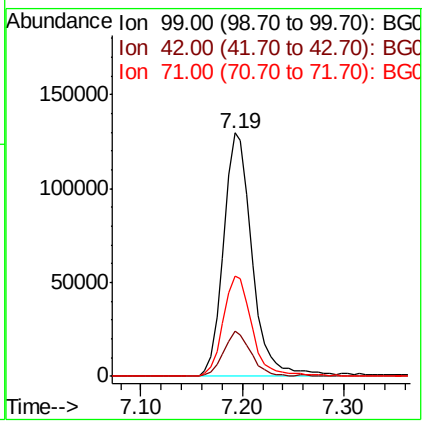


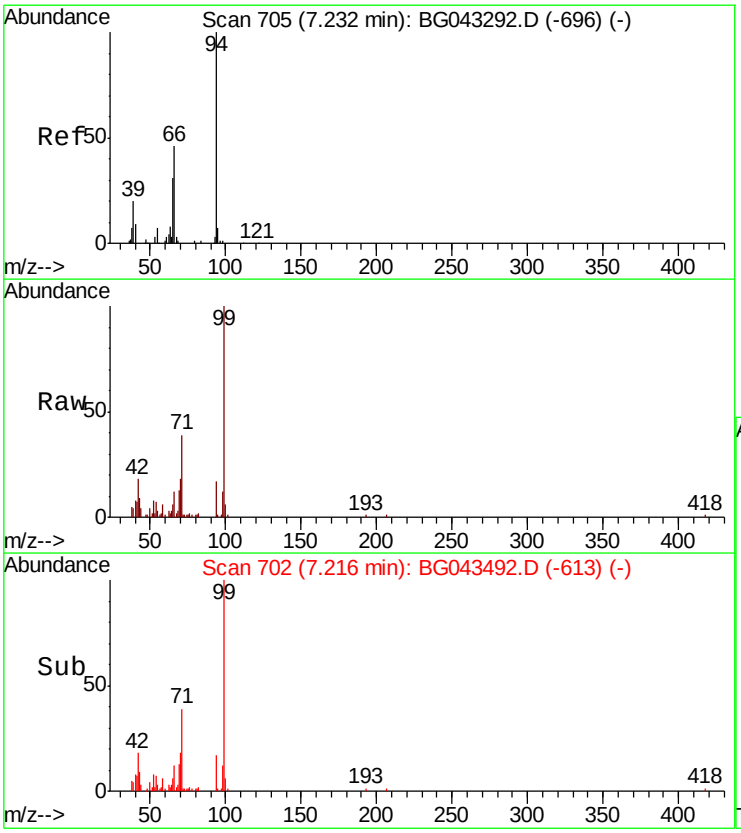
#7
Phenol-d6
Concen: 84.394 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.00 min
Lab File: BG043492.D
Acq: 4 Nov 2019 22:19

Instrument :
BNA_G
ClientSampleId :
SU-02-110119

Tgt Ion: 99 Resp: 253580

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.6	21.8
71	41.0	32.5	48.7

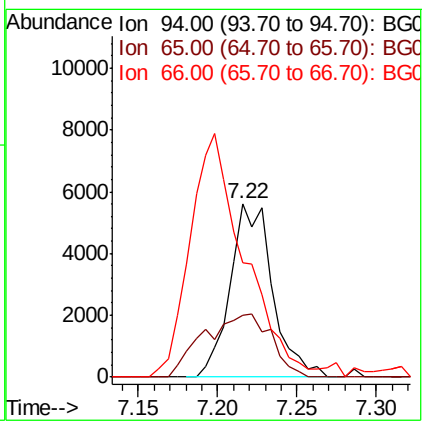


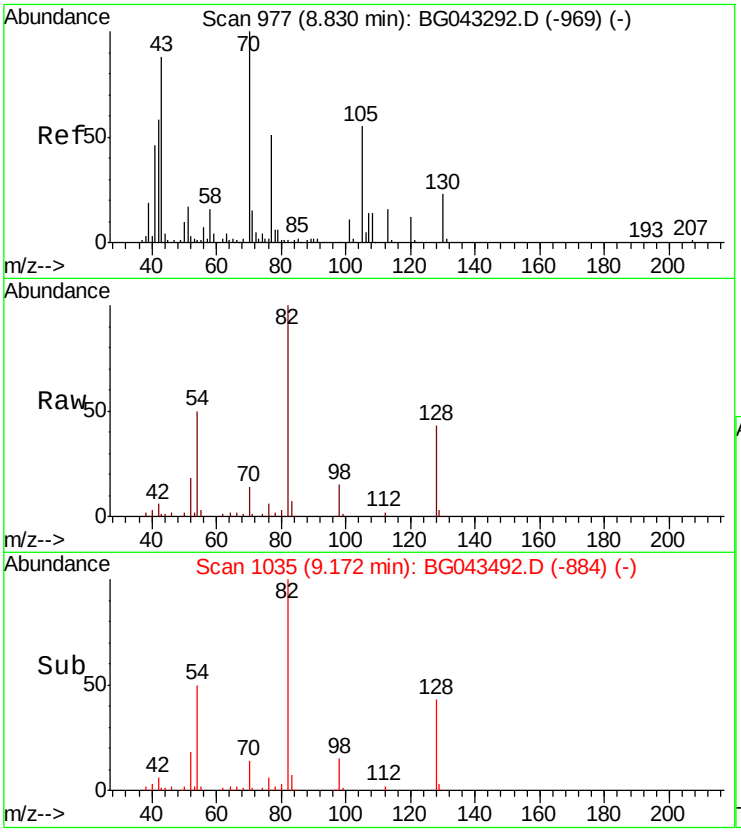


#10
Phenol
Concen: 3.768 ng
RT: 7.22 min Scan# 702
Delta R.T. -0.00 min
Lab File: BG043492.D
Acq: 4 Nov 2019 22:19

Tgt Ion: 94 Resp: 10346

Ion	Ratio	Lower	Upper
94	100		
65	35.9	12.6	52.6
66	66.0	30.7	70.7



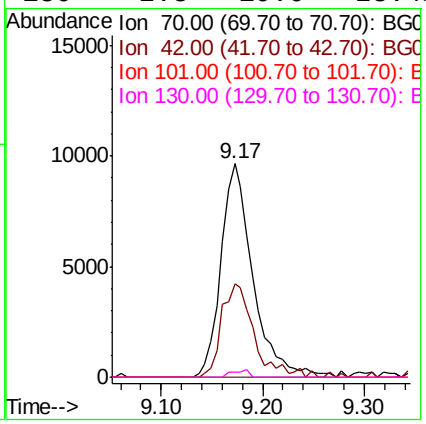


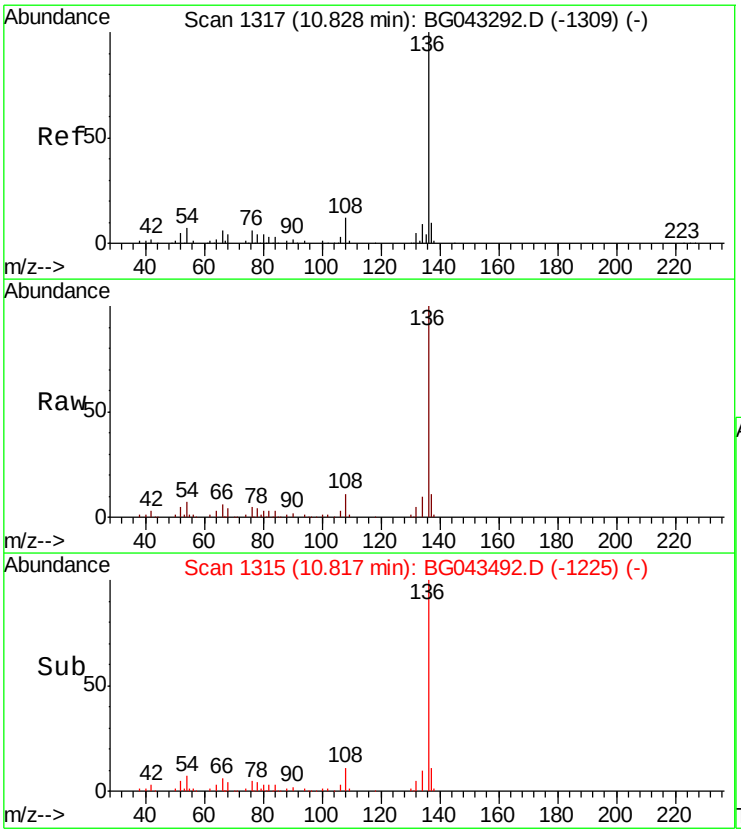
#19
n-Nitroso-di-n-propylamine
Concen: 10.881 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.36 min
Lab File: BG043492.D
Acq: 4 Nov 2019 22:19

Instrument :
BNA_G
ClientSampleId :
SU-02-110119

Tgt Ion: 70 Resp: 21127

Ion	Ratio	Lower	Upper
70	100		
42	44.0	41.4	62.2
101	0.0	7.9	11.9#
130	2.3	19.0	28.4#

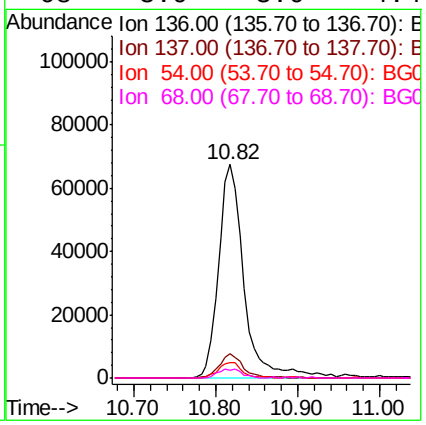


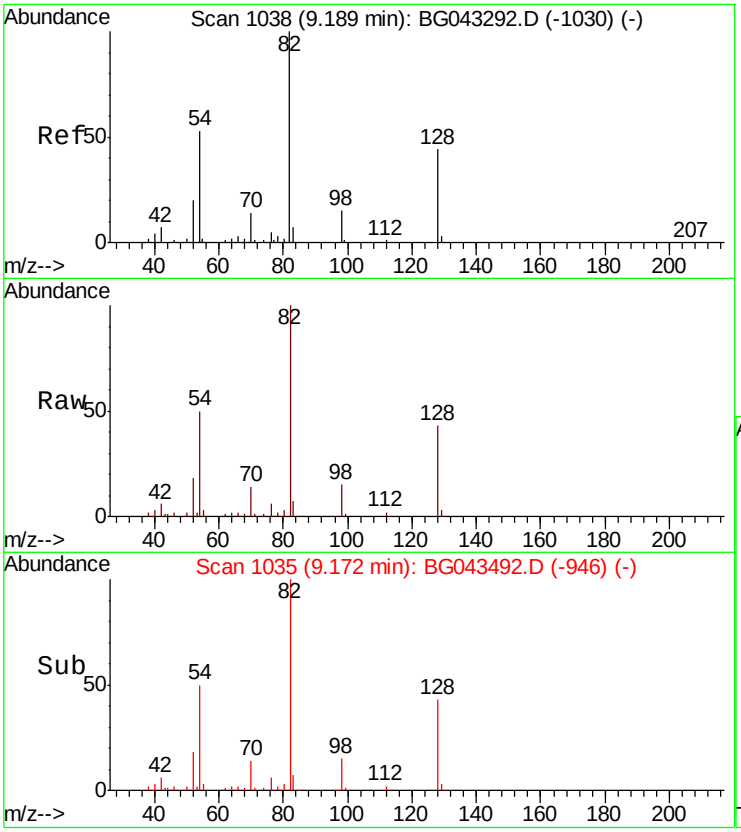


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043492.D
Acq: 4 Nov 2019 22:19

Tgt Ion:136 Resp: 145876

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	7.5	5.4	8.2
68	3.9	3.0	4.4



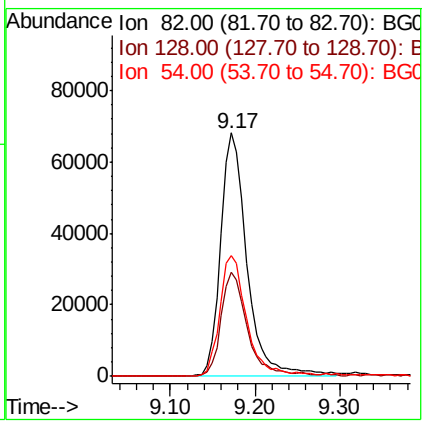


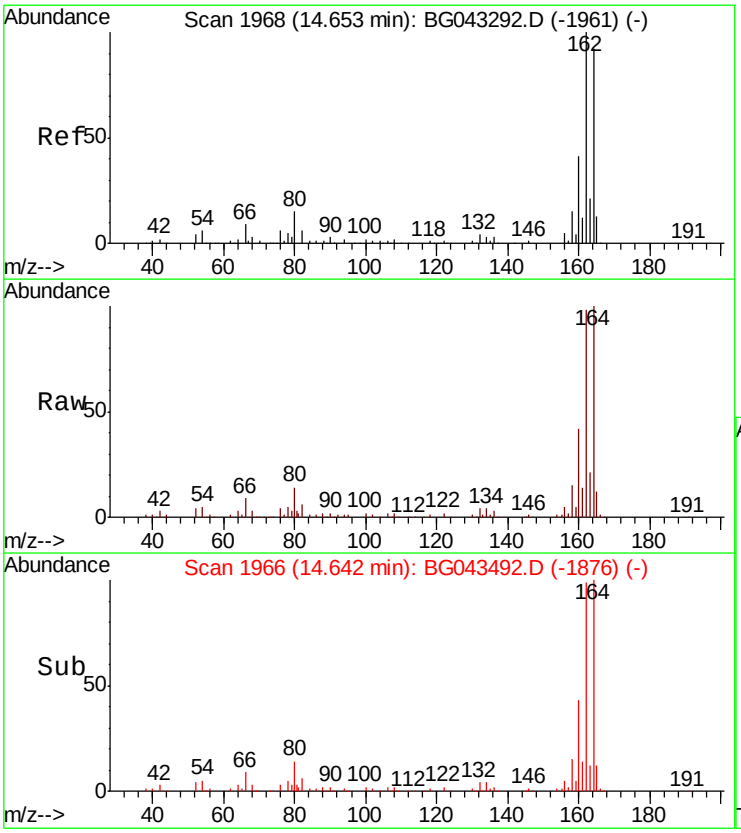
#23
Nitrobenzene-d5
Concen: 52.089 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG043492.D
Acq: 4 Nov 2019 22:19

Instrument :
BNA_G
ClientSampleId :
SU-02-110119

Tgt Ion: 82 Resp: 147388

Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.0	52.6
54	49.7	40.2	60.2

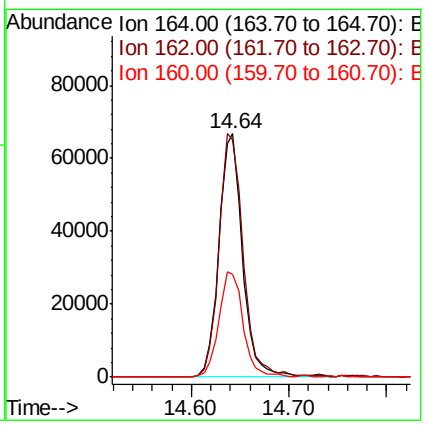


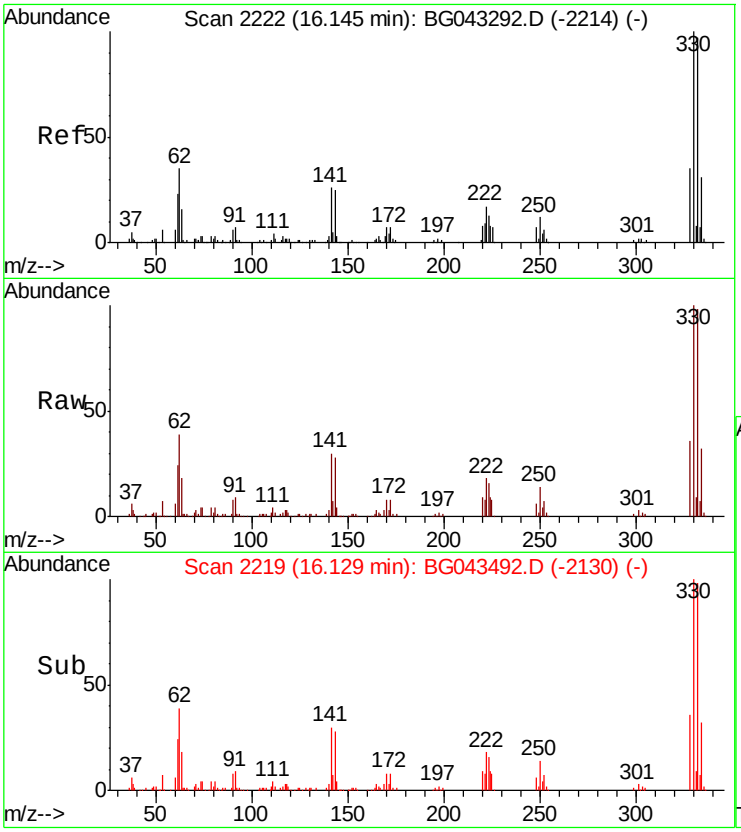


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BG043492.D
Acq: 4 Nov 2019 22:19

Tgt Ion:164 Resp: 111694

Ion	Ratio	Lower	Upper
164	100		
162	97.6	83.5	125.3
160	42.5	36.5	54.7



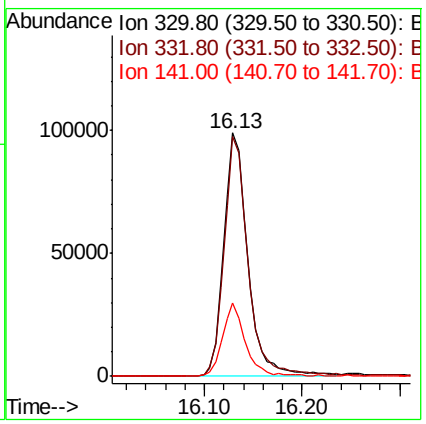


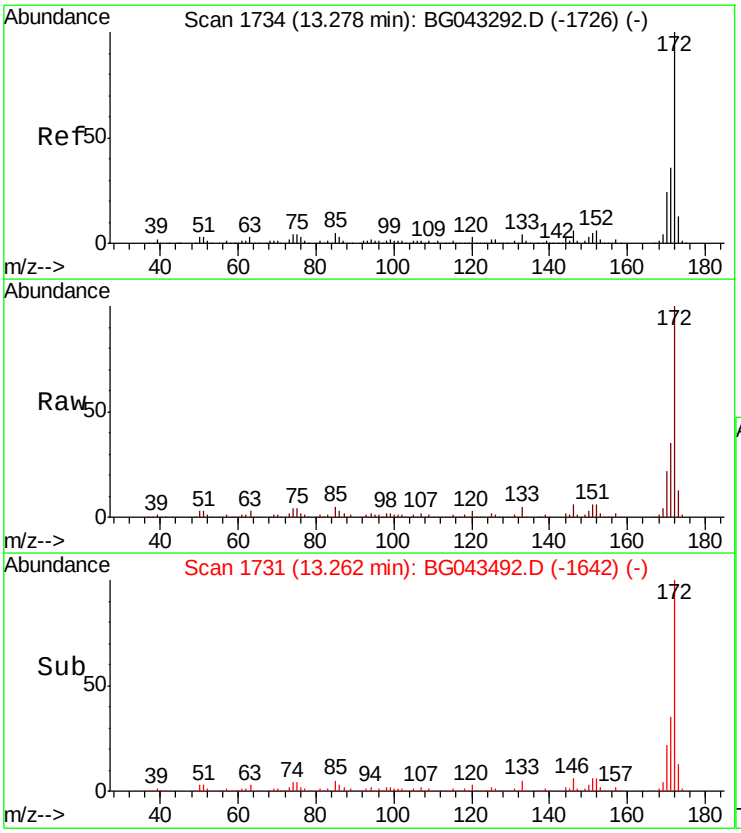
#42
2,4,6-Tribromophenol
Concen: 79.948 ng
RT: 16.13 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BG043492.D
Acq: 4 Nov 2019 22:19

Instrument :
BNA_G
ClientSampleId :
SU-02-110119

Tgt Ion:330 Resp: 169933

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.0
141	28.3	22.8	34.2

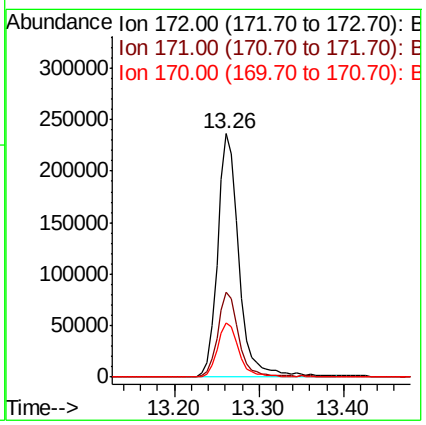


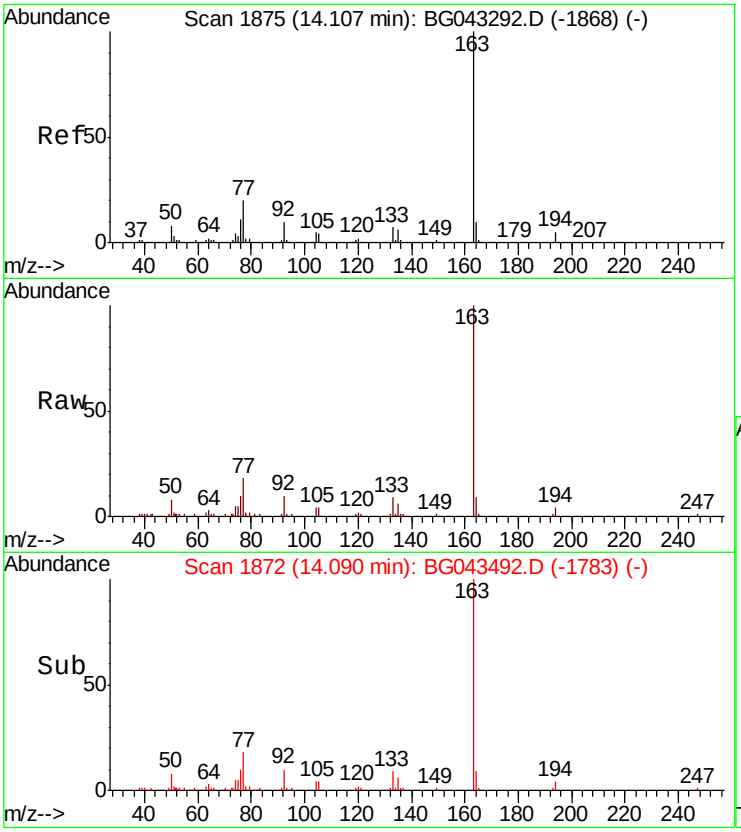


#45
2-Fluorobiphenyl
Concen: 51.523 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BG043492.D
Acq: 4 Nov 2019 22:19

Tgt Ion:172 Resp: 416475

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.9	43.3
170	22.5	18.5	27.7



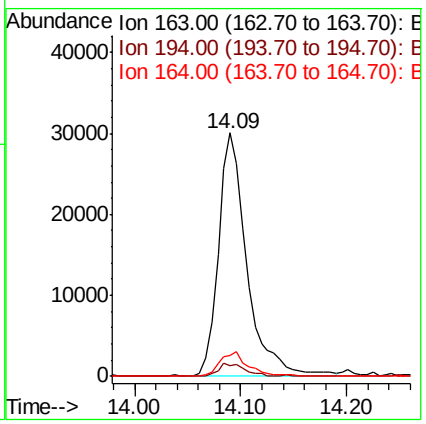


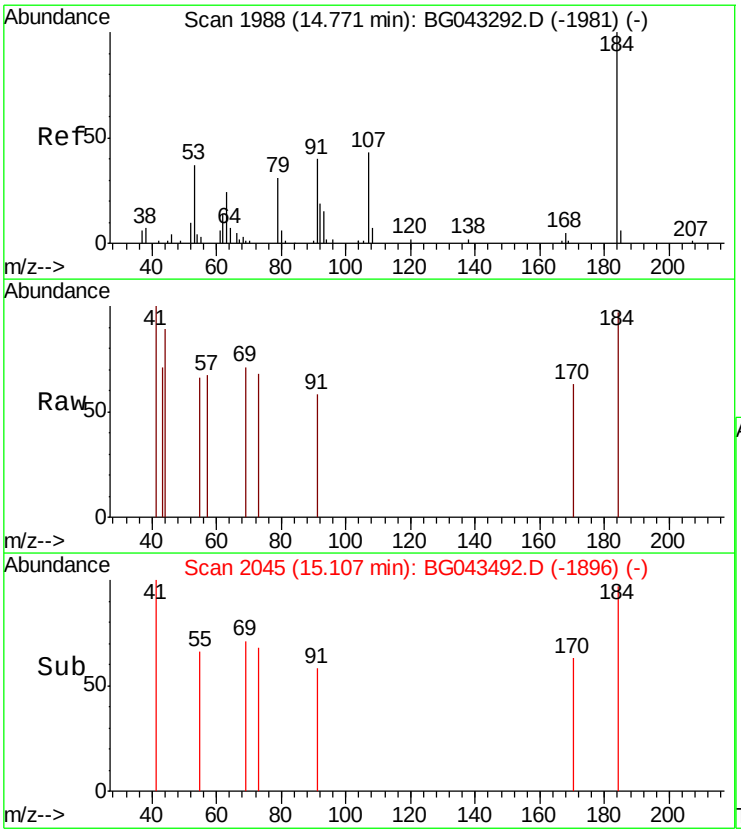
#50
Dimethylphthalate
Concen: 6.514 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BG043492.D
Acq: 4 Nov 2019 22:19

Instrument :
BNA_G
ClientSampleId :
SU-02-110119

Tgt Ion:163 Resp: 56360

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.8	5.6
164	8.8	8.9	13.3#

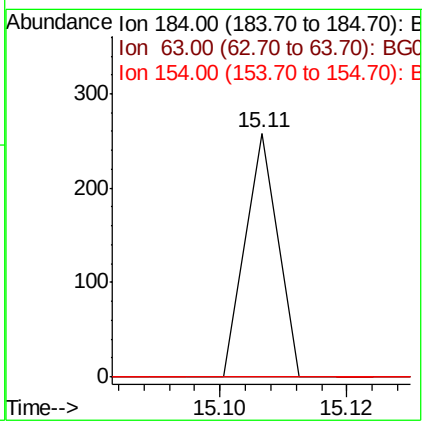


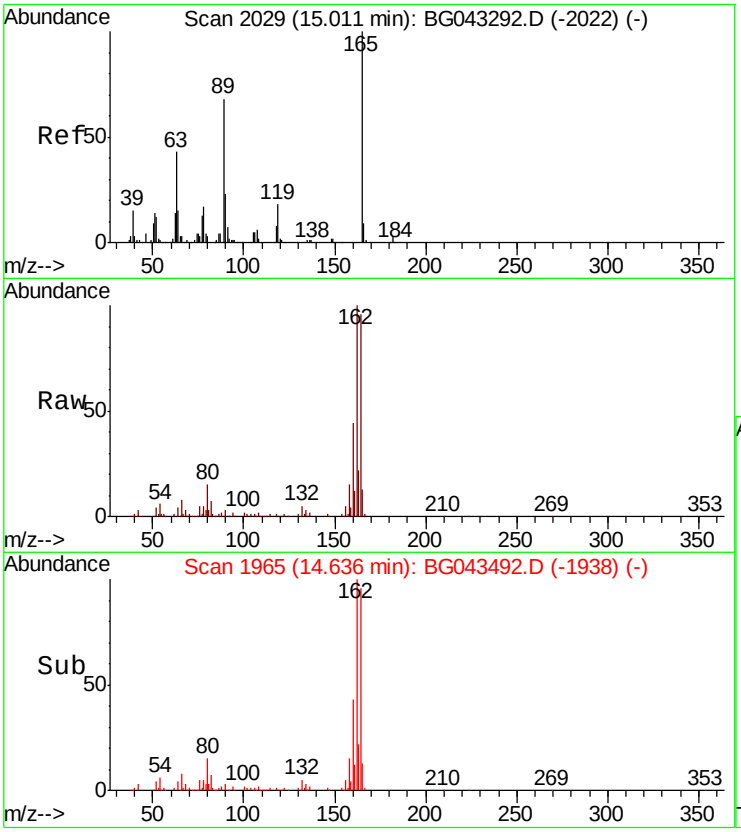


#54
2,4-Dinitrophenol
Concen: 7.353 ng
RT: 15.11 min Scan# 2045
Delta R.T. 0.35 min
Lab File: BG043492.D
Acq: 4 Nov 2019 22:19

Tgt Ion:184 Resp: 91

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



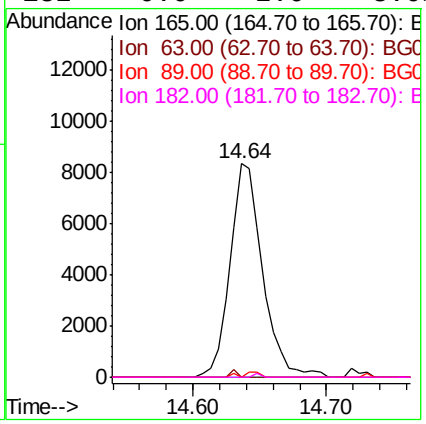


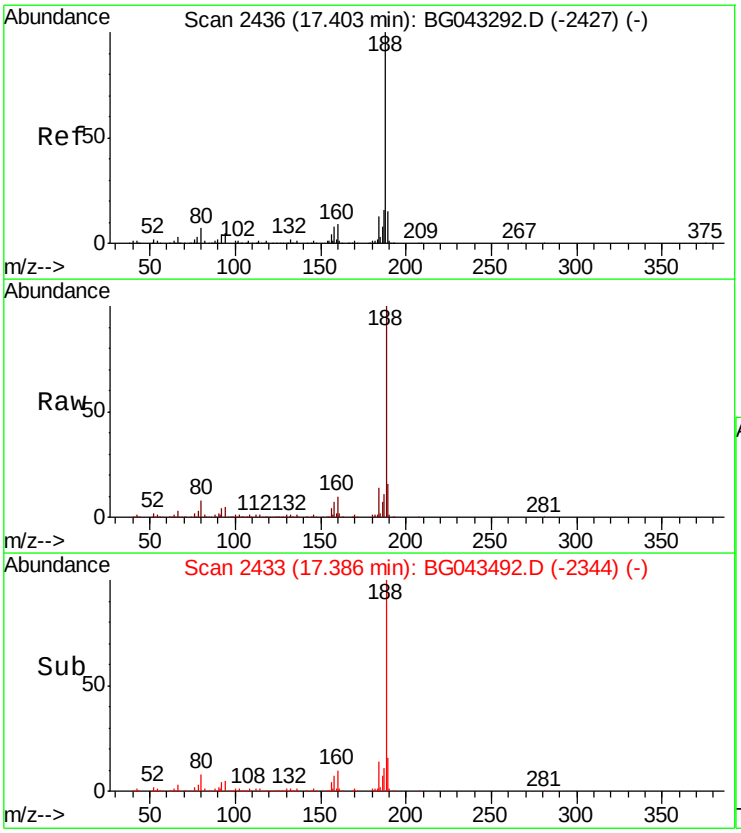
#57
2,4-Dinitrotoluene
Concen: 5.260 ng
RT: 14.64 min Scan# 1965
Delta R.T. -0.37 min
Lab File: BG043492.D
Acq: 4 Nov 2019 22:19

Instrument :
BNA_G
ClientSampleId :
SU-02-110119

Tgt Ion:165 Resp: 14129

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

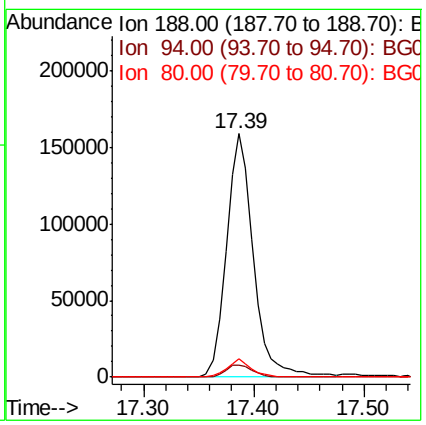


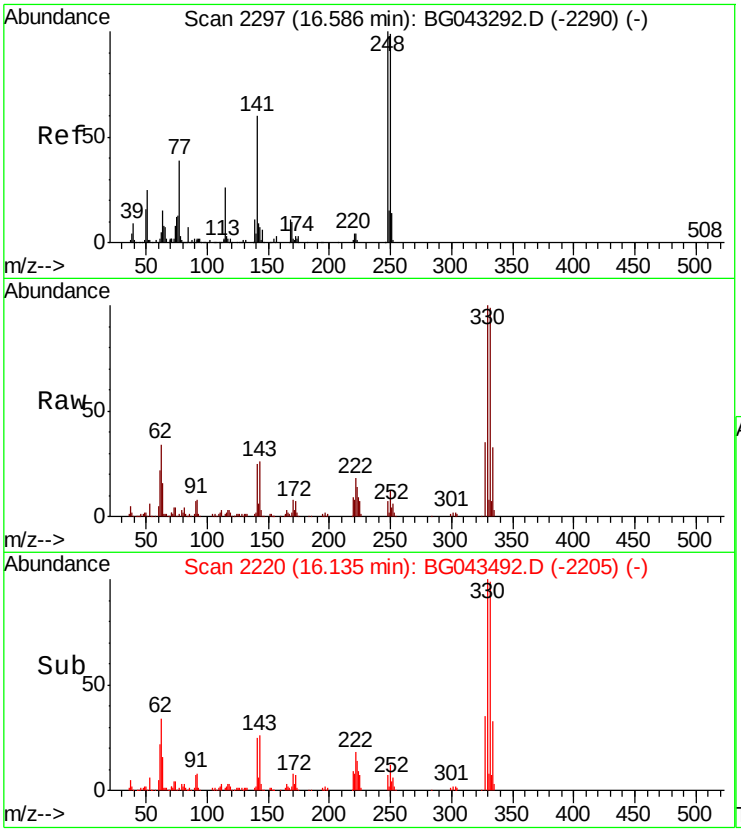


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG043492.D
Acq: 4 Nov 2019 22:19

Tgt Ion:188 Resp: 270574

Ion	Ratio	Lower	Upper
188	100		
94	4.9	4.2	6.4
80	7.5	4.5	6.7#



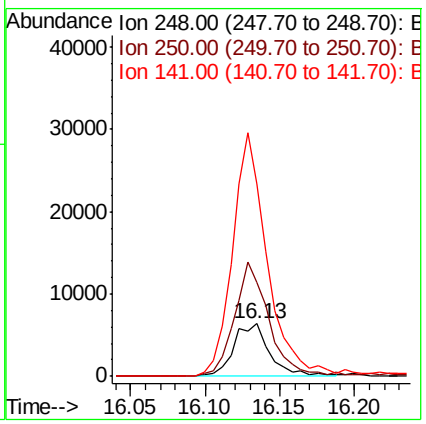


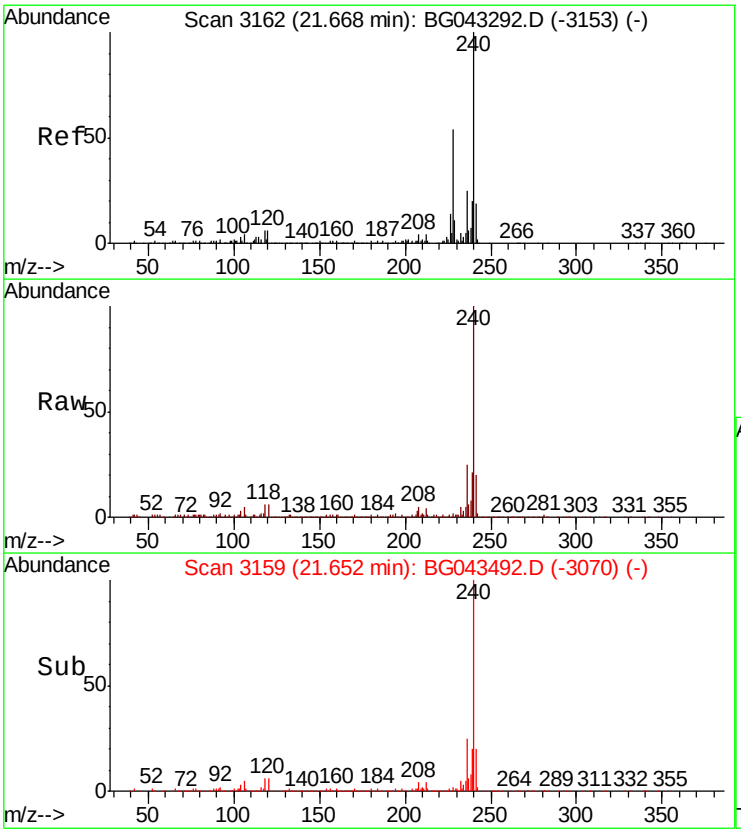
#67
4-Bromophenyl-phenylether
Concen: 2.974 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.44 min
Lab File: BG043492.D
Acq: 4 Nov 2019 22:19

Instrument :
BNA_G
ClientSampleId :
SU-02-110119

Tgt Ion:248 Resp: 10830

Ion	Ratio	Lower	Upper
248	100		
250	176.9	77.0	115.4#
141	364.2	47.5	71.3#

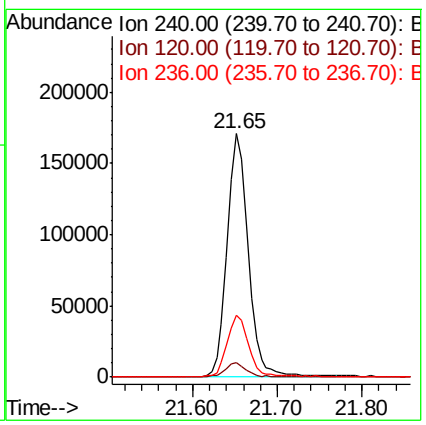


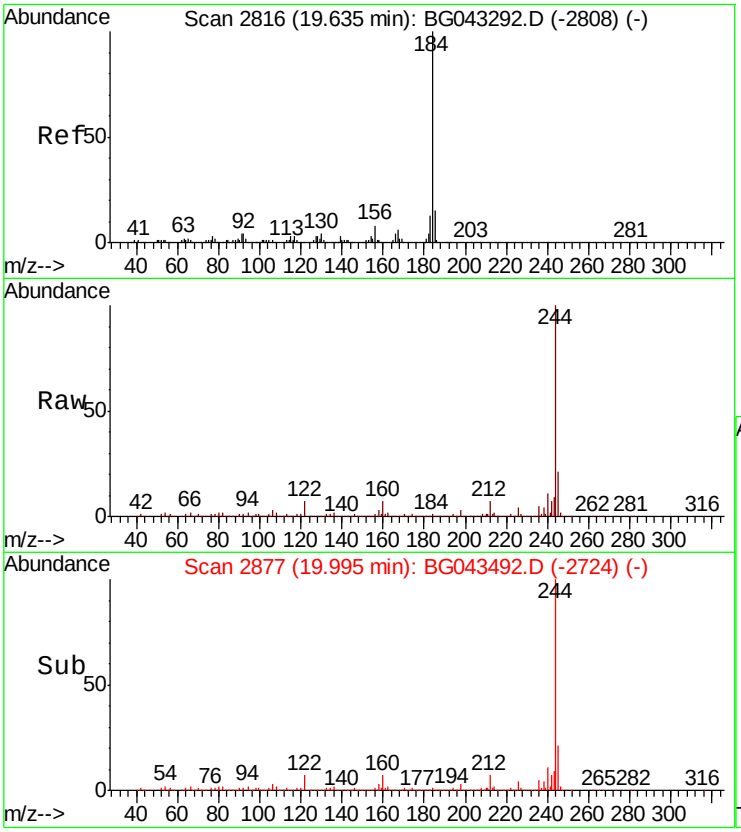


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG043492.D
Acq: 4 Nov 2019 22:19

Tgt Ion:240 Resp: 294969

Ion	Ratio	Lower	Upper
240	100		
120	6.2	4.6	6.8
236	25.3	19.8	29.8



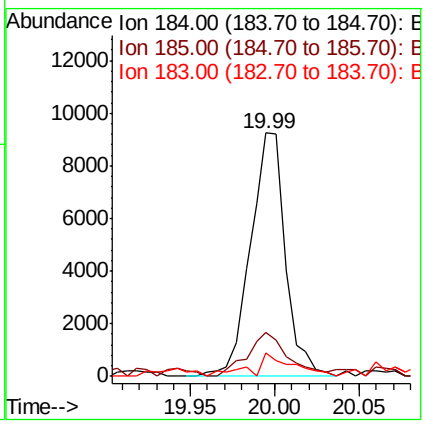


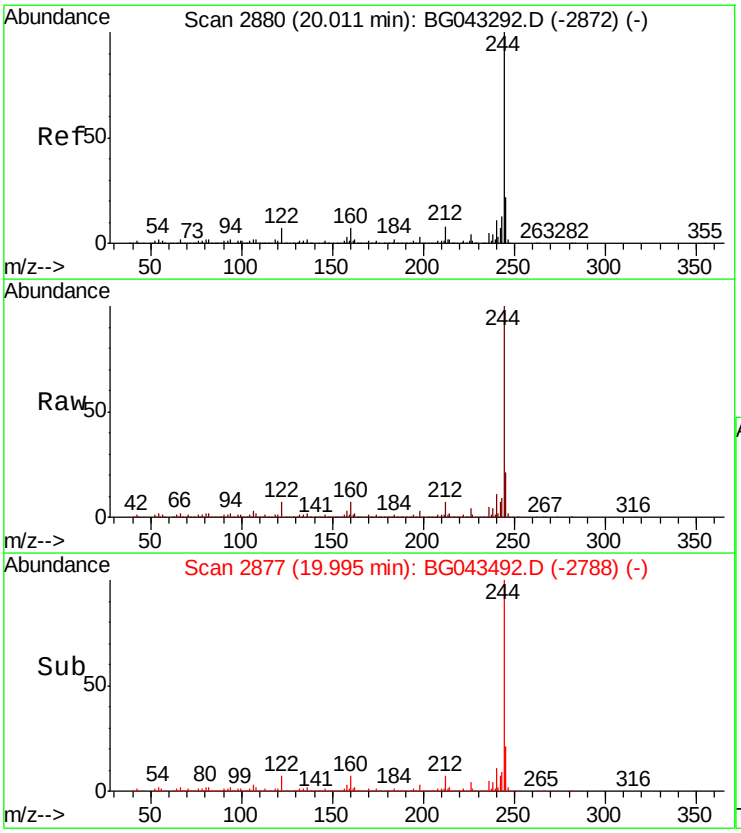
#77
Benzidine
Concen: 2.241 ng
RT: 19.99 min Scan# 2877
Delta R.T. 0.37 min
Lab File: BG043492.D
Acq: 4 Nov 2019 22:19

Instrument :
BNA_G
ClientSampleId :
SU-02-110119

Tgt Ion:184 Resp: 13301

Ion	Ratio	Lower	Upper
184	100		
185	18.2	11.0	16.4#
183	9.4	10.0	15.0#

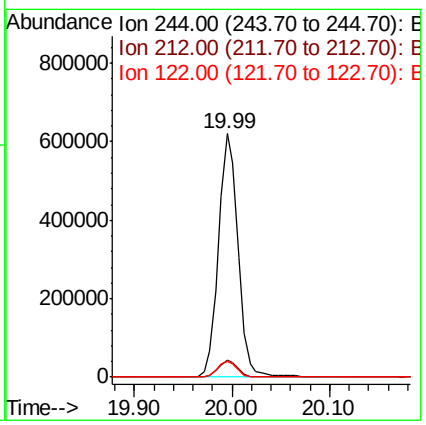


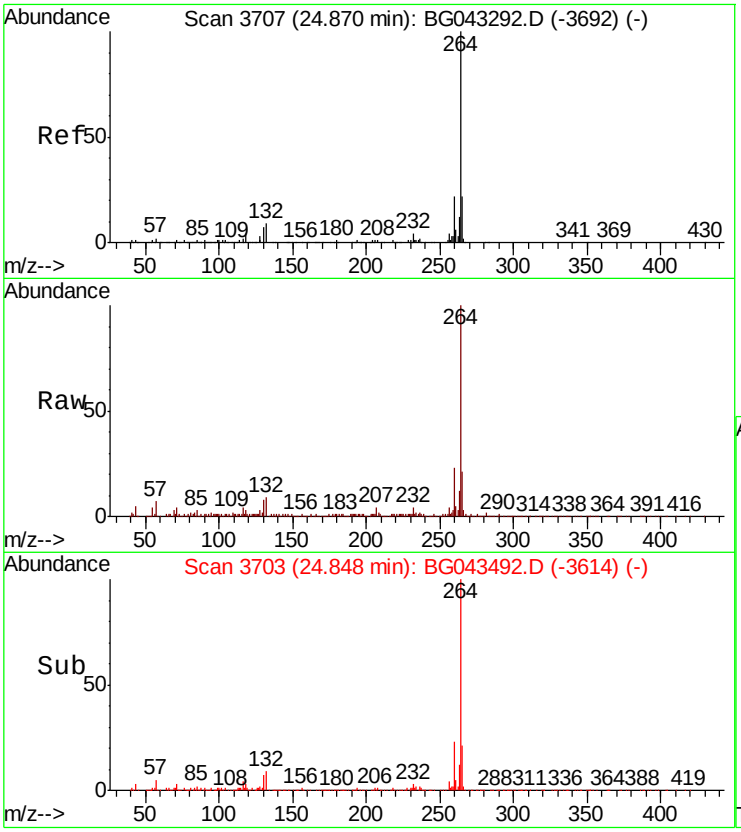


#79
Terphenyl-d14
Concen: 54.850 ng
RT: 19.99 min Scan# 2877
Delta R.T. -0.00 min
Lab File: BG043492.D
Acq: 4 Nov 2019 22:19

Tgt Ion:244 Resp: 862403

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	6.6	5.4	8.2

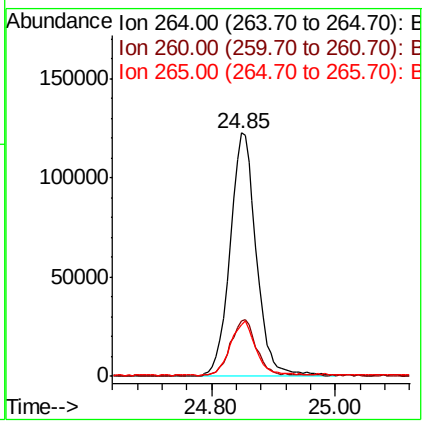




#87
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3703
Delta R.T. -0.00 min
Lab File: BG043492.D
Acq: 4 Nov 2019 22:19

Tgt Ion:264 Resp: 359851

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.5	26.3
265	21.5	17.4	26.0



Instrument :
BNA_G
ClientSampleId :
SU-02-110119