Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
Data File : BG043450.D
Acq On : 1 Nov 2019 1:31
Operator : JU
Sample : K5602-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 01 04:03:20 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	44032	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	159132	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	115101	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	266794	20.00	ng	0.00
76) Chrysene-d12	21.66	240	290717	20.00	ng	0.00
87) Perylene-d12	24.87	264	346234	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	212085	88.26	ng	0.00
7) Phenol-d6	7.21	99	191202	55.31	ng	0.00
23) Nitrobenzene-d5	9.19	82	259504	84.07	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	267258	122.01	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	727862	87.38	ng	0.00
79) Terphenyl-d14	20.01	244	1427131	92.10	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	8773	9.369	ng	# 1
10) Phenol	7.24	94	11769	3.725	ng	# 77
15) Benzyl Alcohol	8.35	79	5076	2.091	ng	# 61
19) n-Nitroso-di-n-propylamine	9.19	70	36981	16.554	ng	# 71
32) Benzoic acid	10.23	122	55	9.078	ng	# 1
50) Dimethylphthalate	14.10	163	92510	10.376	ng	99
57) 2,4-Dinitrotoluene	14.65	165	16013	5.785	ng	# 24
67) 4-Bromophenyl-phenylether	16.14	248	16568	4.614	ng	# 1
77) Benzidine	20.00	184	21122	3.610	ng	# 92

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

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Acq On : 1 Nov 2019 1:31
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
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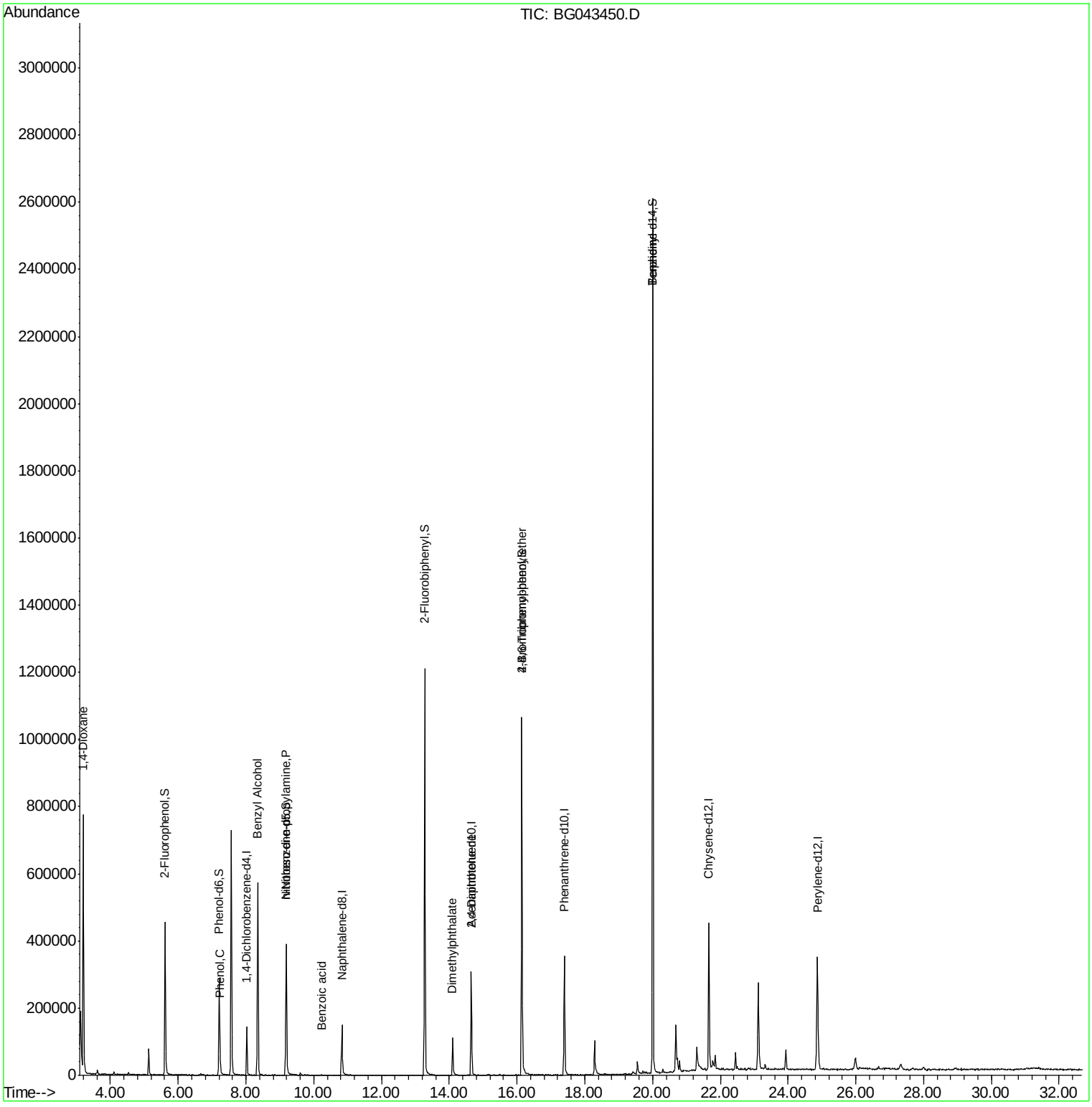
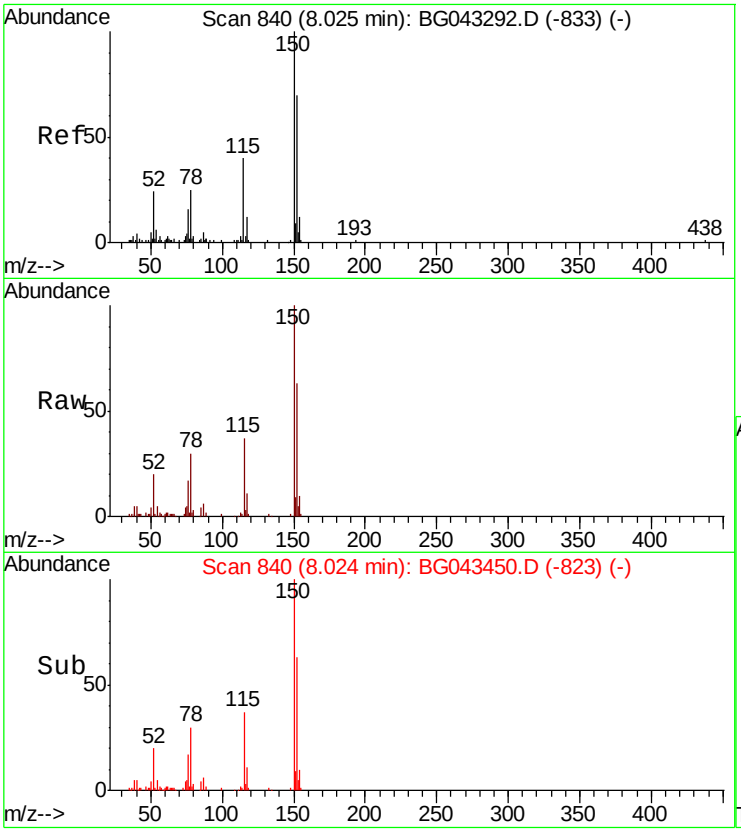


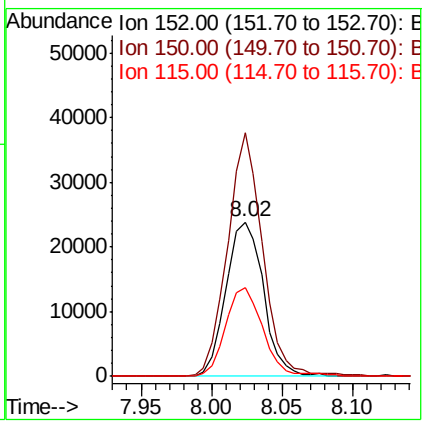


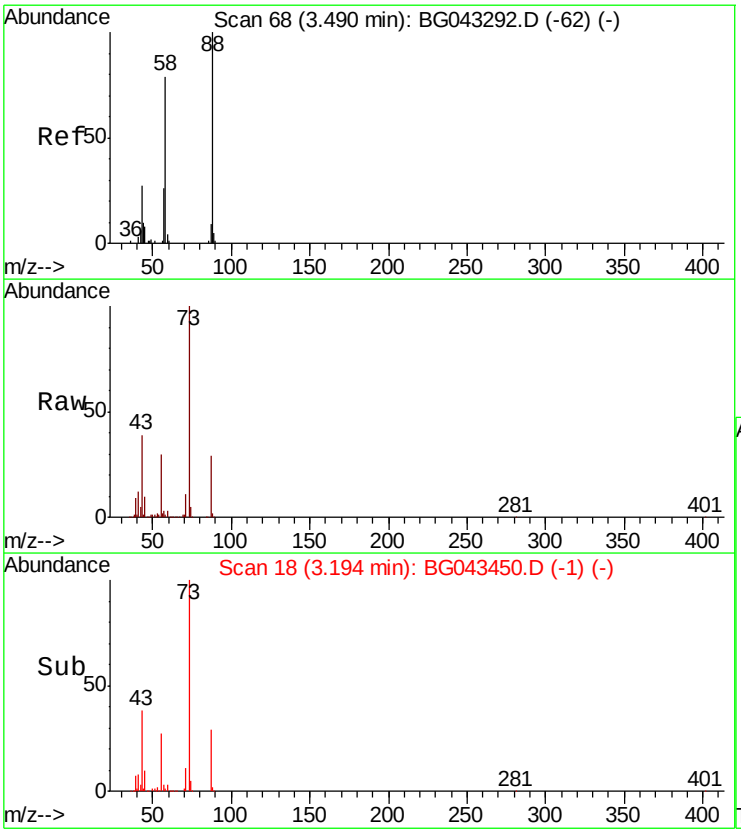
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043450.D
Acq: 1 Nov 2019 1:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 44032

Ion	Ratio	Lower	Upper
152	100		
150	157.7	113.6	170.4
115	57.6	45.9	68.9

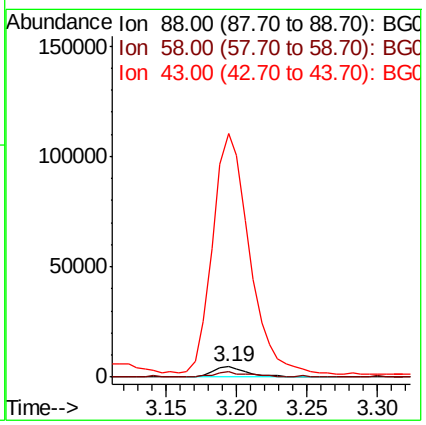


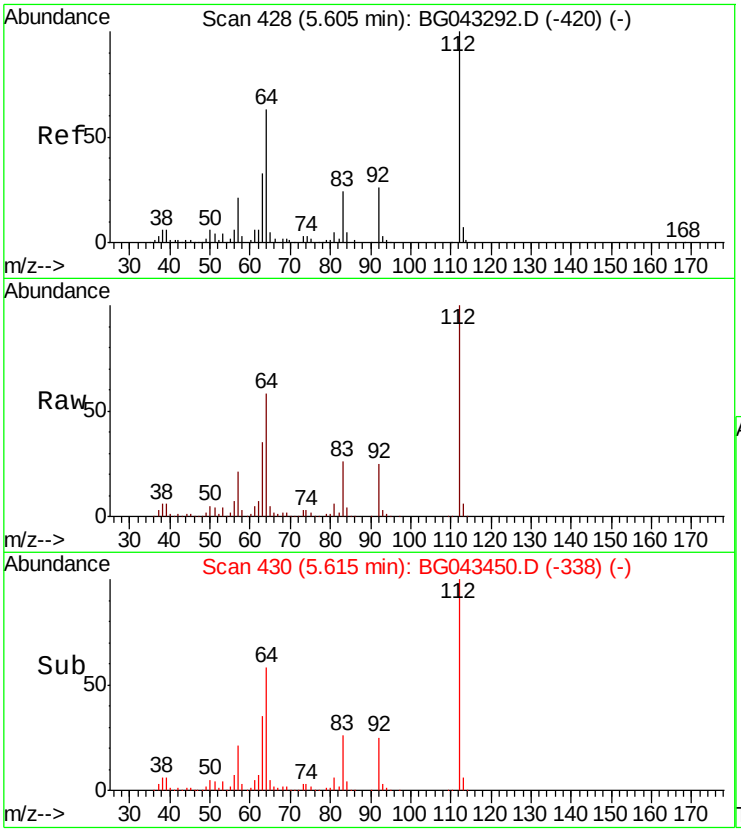


#2
1,4-Dioxane
Concen: 9.369 ng
RT: 3.19 min Scan# 18
Delta R.T. -0.30 min
Lab File: BG043450.D
Acq: 1 Nov 2019 1:31

Tgt Ion: 88 Resp: 8773

Ion	Ratio	Lower	Upper
88	100		
58	42.4	60.2	90.2#
43	2254.6	22.7	34.1#



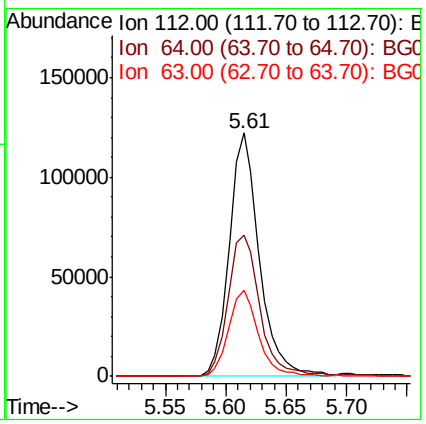


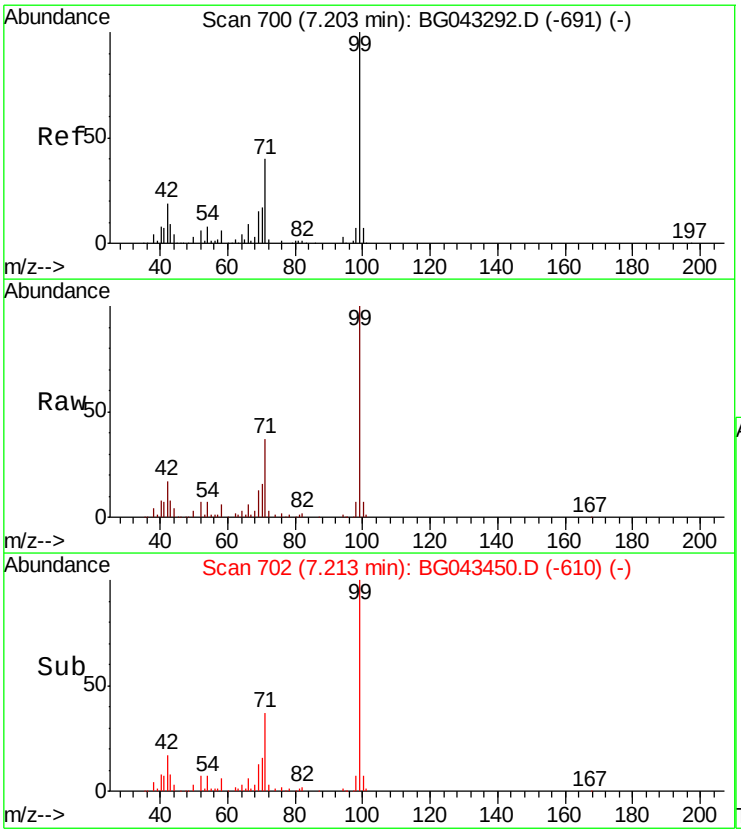
#5
2-Fluorophenol
Concen: 88.262 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043450.D
Acq: 1 Nov 2019 1:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 212085

Ion	Ratio	Lower	Upper
112	100		
64	58.1	50.2	75.2
63	35.4	26.7	40.1

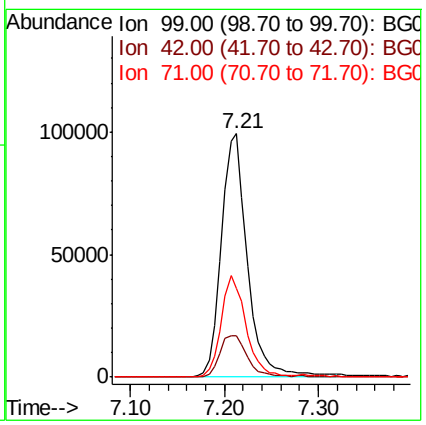


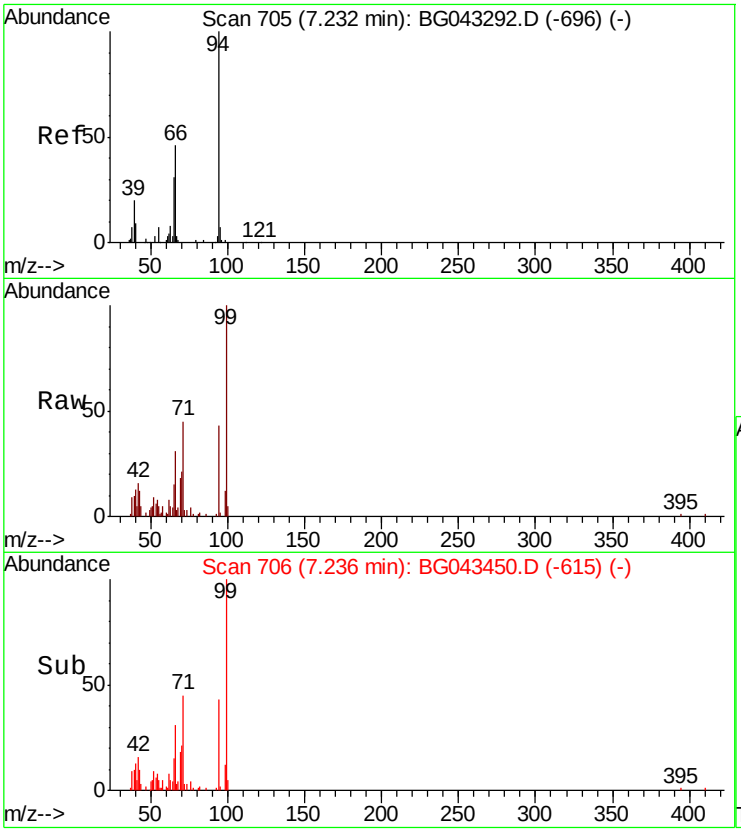


#7
Phenol-d6
Concen: 55.305 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.01 min
Lab File: BG043450.D
Acq: 1 Nov 2019 1:31

Tgt Ion: 99 Resp: 191202

Ion	Ratio	Lower	Upper
99	100		
42	17.0	14.9	22.3
71	36.7	32.2	48.2



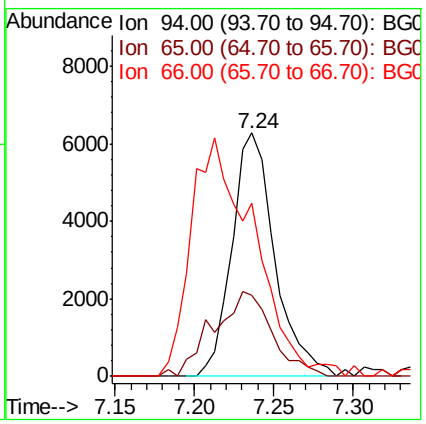


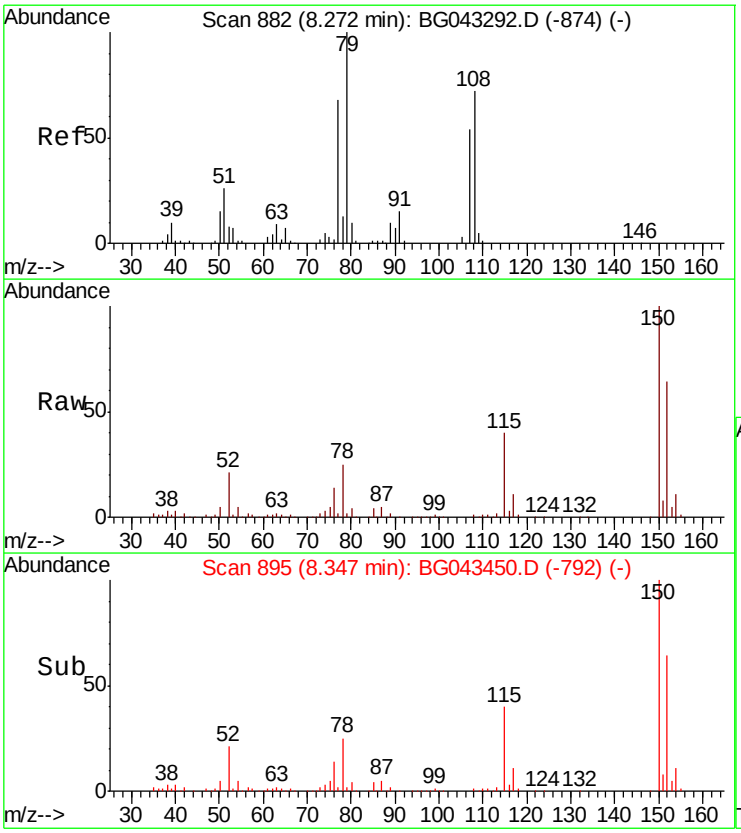
#10
Phenol
Concen: 3.725 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BG043450.D
Acq: 1 Nov 2019 1:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 11769

Ion	Ratio	Lower	Upper
94	100		
65	33.5	11.1	51.1
66	71.2	27.8	67.8#

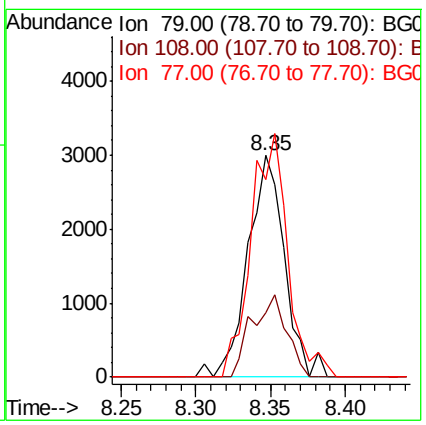


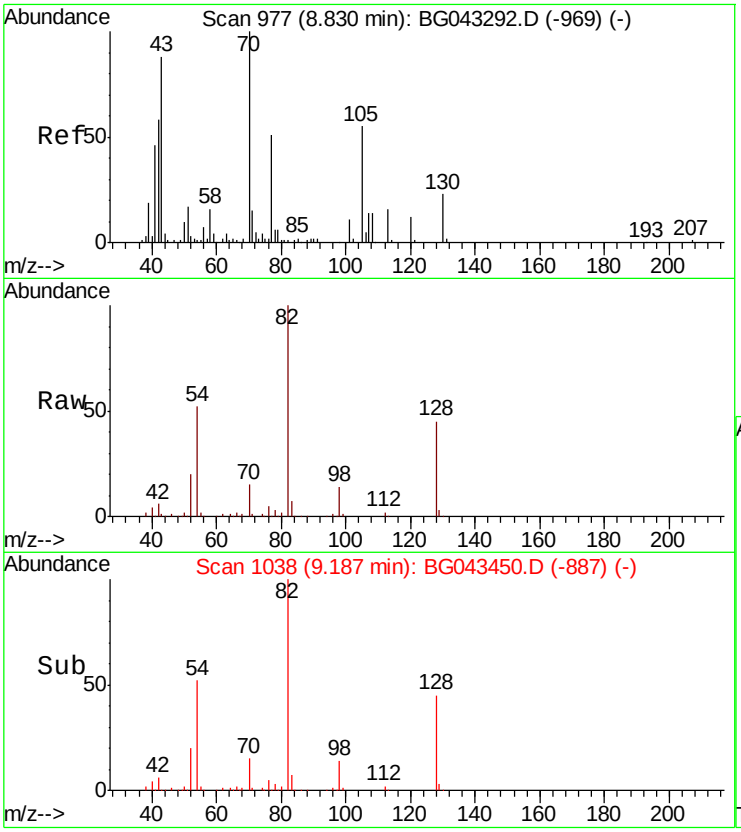


#15
Benzyl Alcohol
Concen: 2.091 ng
RT: 8.35 min Scan# 895
Delta R.T. 0.07 min
Lab File: BG043450.D
Acq: 1 Nov 2019 1:31

Tgt Ion: 79 Resp: 5076

Ion	Ratio	Lower	Upper
79	100		
108	29.0	57.3	85.9#
77	89.6	54.6	81.8#



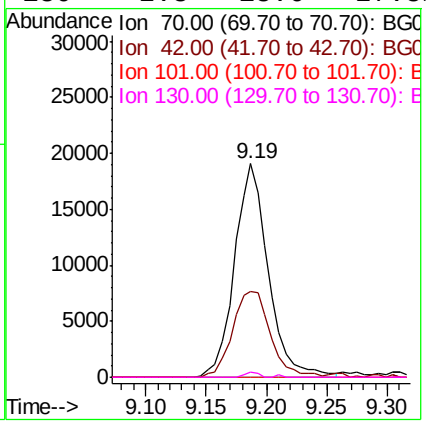


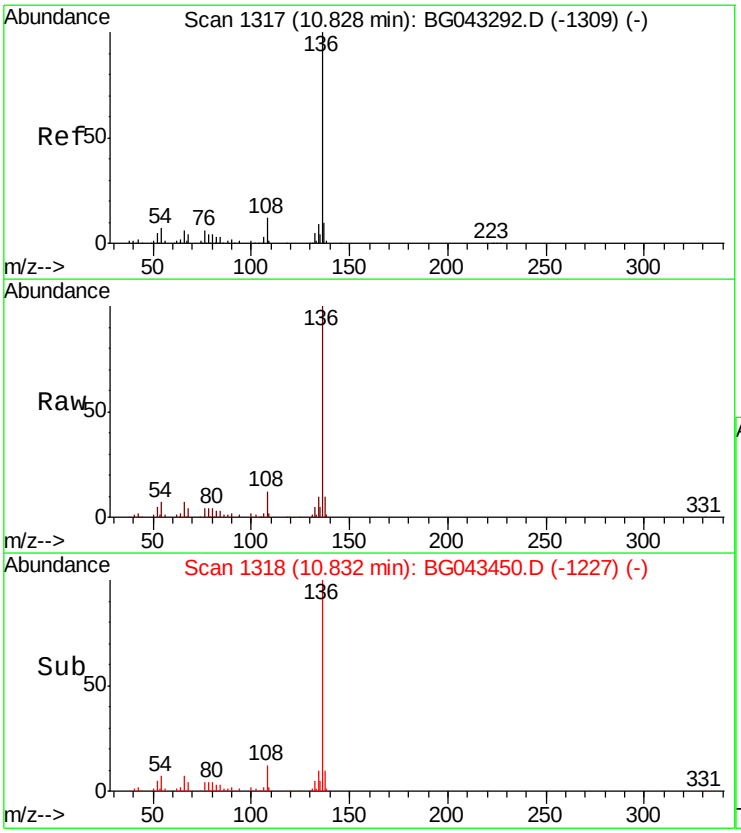
#19
n-Nitroso-di-n-propylamine
Concen: 16.554 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.36 min
Lab File: BG043450.D
Acq: 1 Nov 2019 1:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 36981

Ion	Ratio	Lower	Upper
70	100		
42	40.0	46.2	69.2#
101	0.0	8.6	13.0#
130	2.3	18.6	27.8#

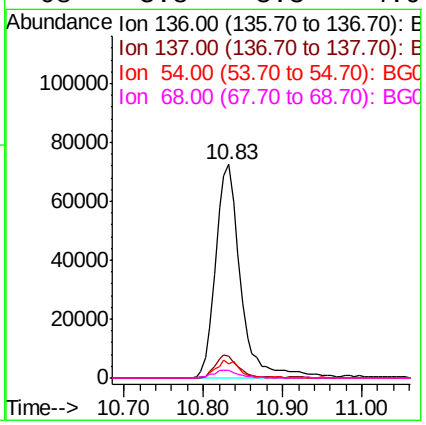


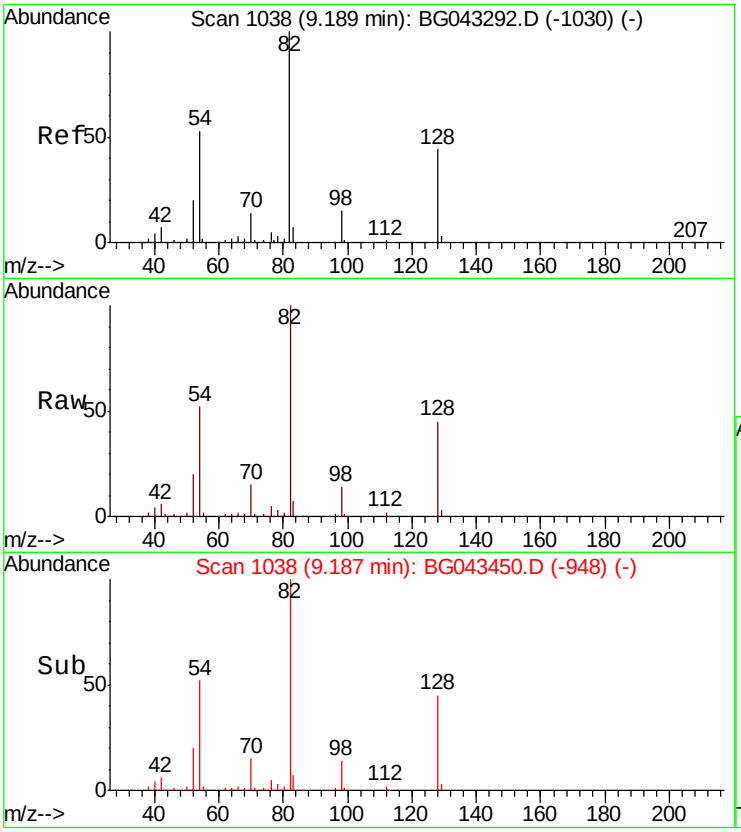


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043450.D
Acq: 1 Nov 2019 1:31

Tgt Ion:136 Resp: 159132

Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.2	12.2
54	6.6	5.4	8.2
68	3.8	3.3	4.9



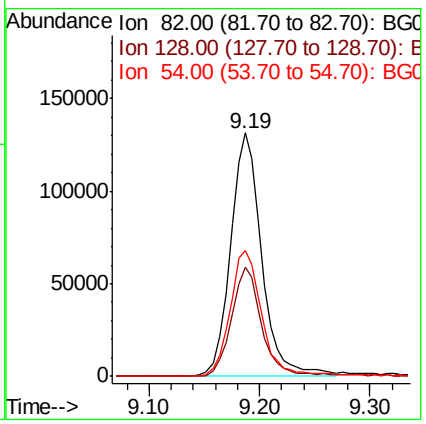


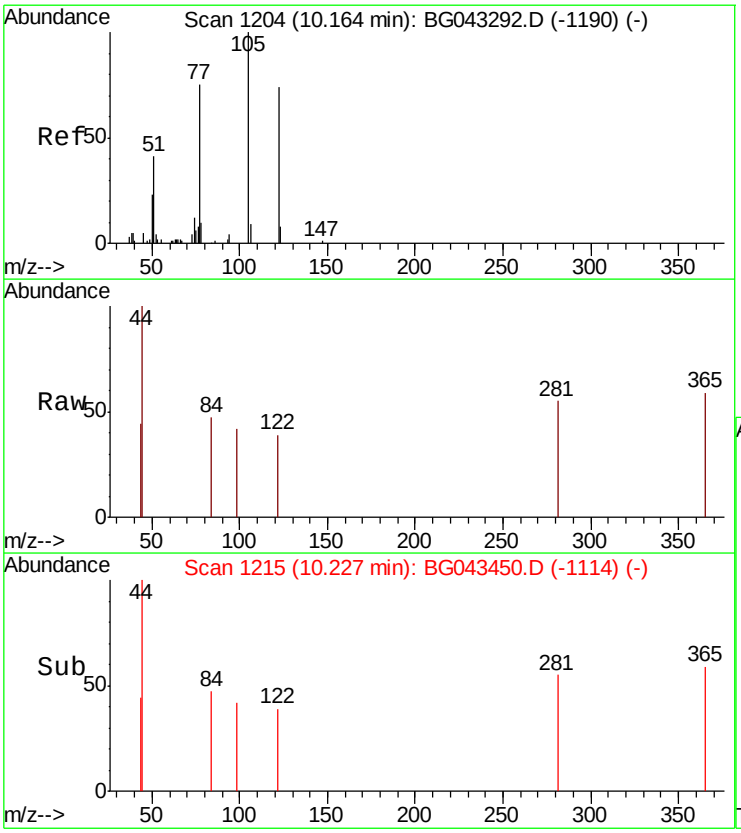
#23
Nitrobenzene-d5
Concen: 84.072 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043450.D
Acq: 1 Nov 2019 1:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 259504

Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.3	52.9
54	51.6	42.3	63.5

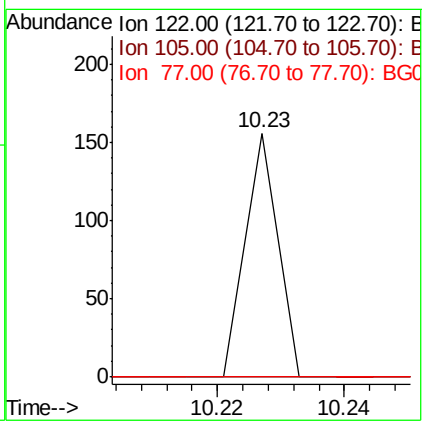


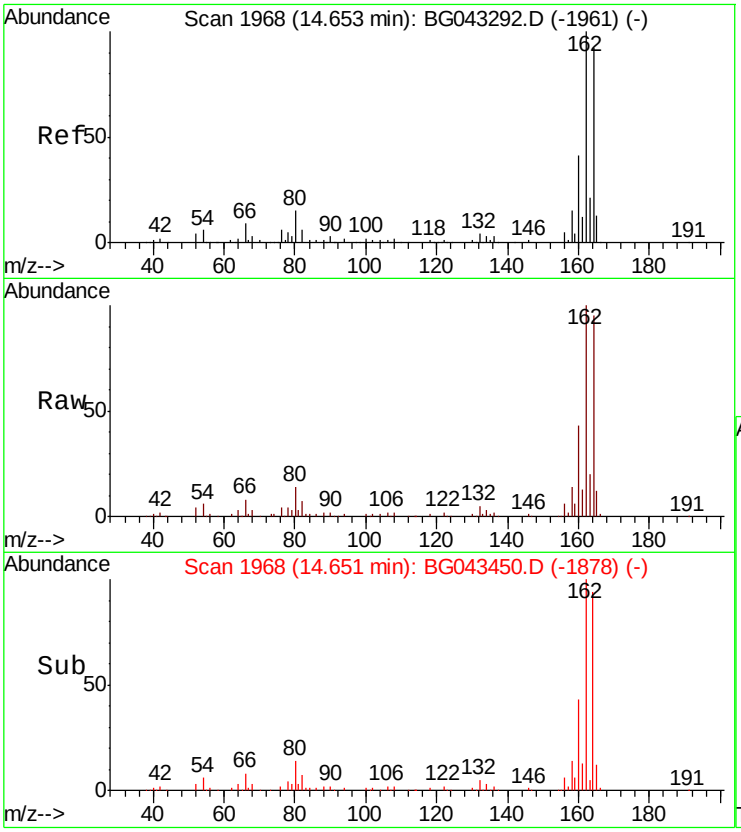


#32
Benzoic acid
Concen: 9.078 ng
RT: 10.23 min Scan# 1215
Delta R.T. 0.06 min
Lab File: BG043450.D
Acq: 1 Nov 2019 1:31

Tgt Ion:122 Resp: 55

Ion	Ratio	Lower	Upper
122	100		
105	0.0	112.4	152.4#
77	0.0	82.7	122.7#



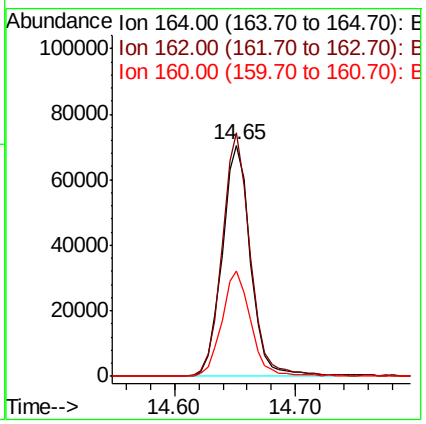


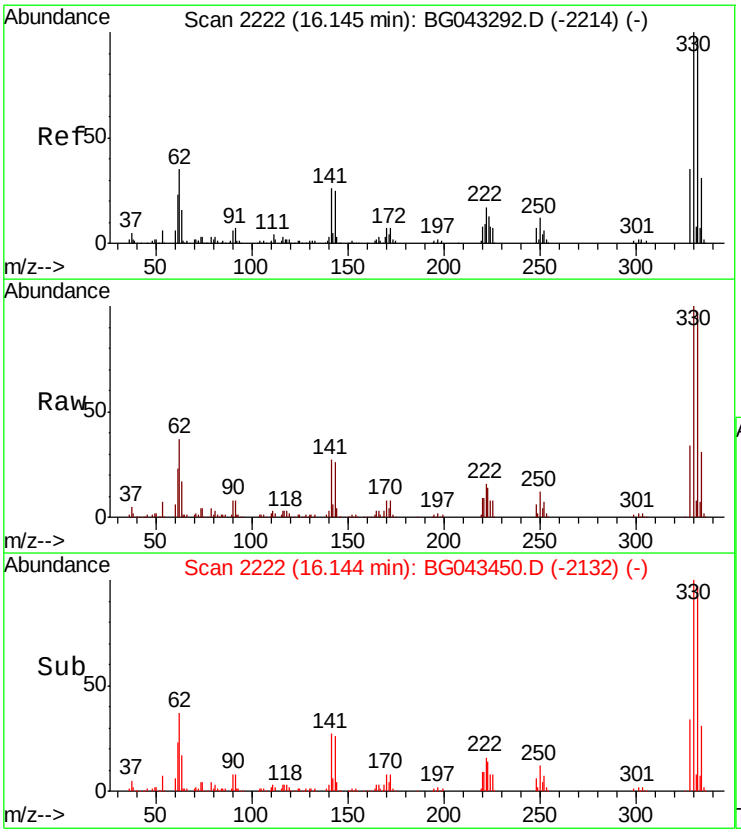
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043450.D
Acq: 1 Nov 2019 1:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 115101

Ion	Ratio	Lower	Upper
164	100		
162	105.5	87.0	130.4
160	45.6	35.5	53.3

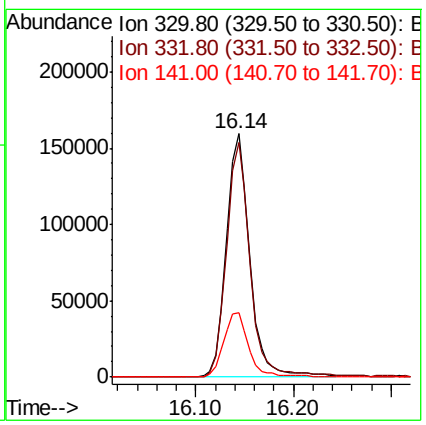


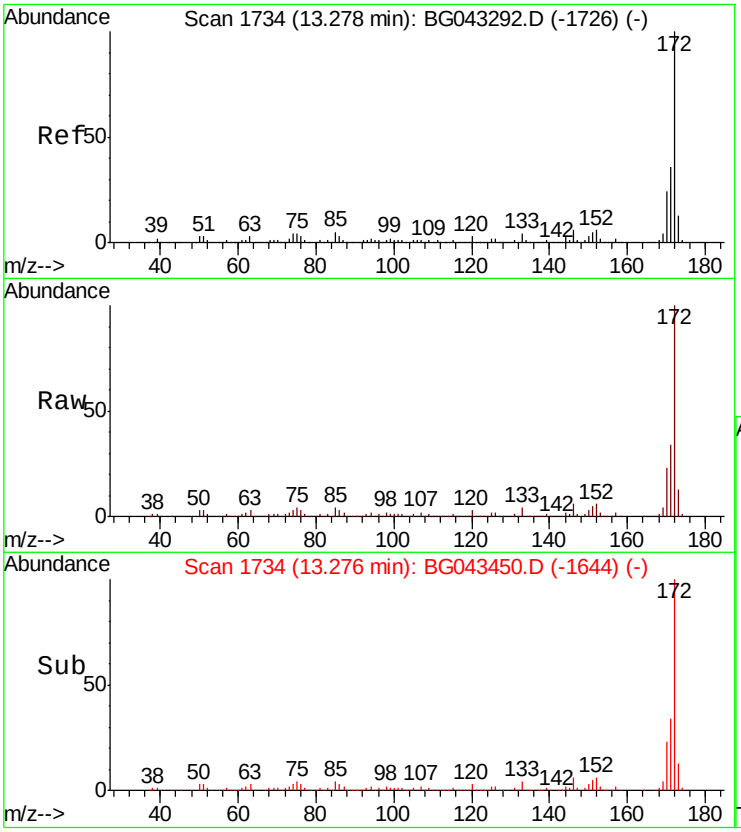


#42
2,4,6-Tribromophenol
Concen: 122.015 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG043450.D
Acq: 1 Nov 2019 1:31

Tgt Ion:330 Resp: 267258

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.4	114.6
141	27.5	21.4	32.0



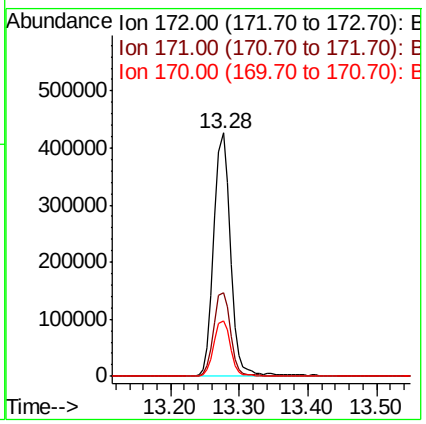


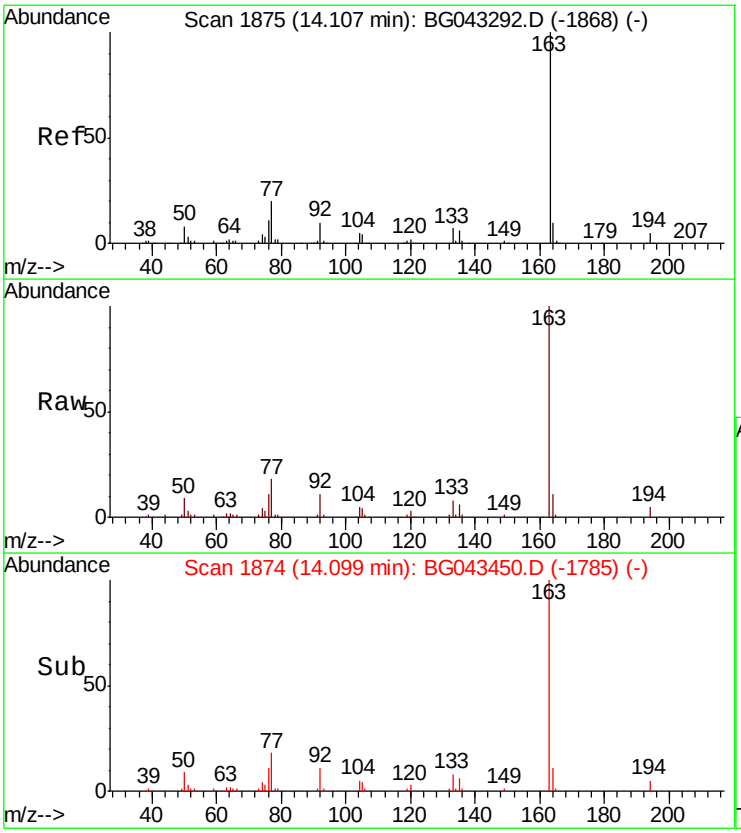
#45
2-Fluorobiphenyl
Concen: 87.381 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043450.D
Acq: 1 Nov 2019 1:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 727862

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.5	42.7
170	22.8	18.8	28.2

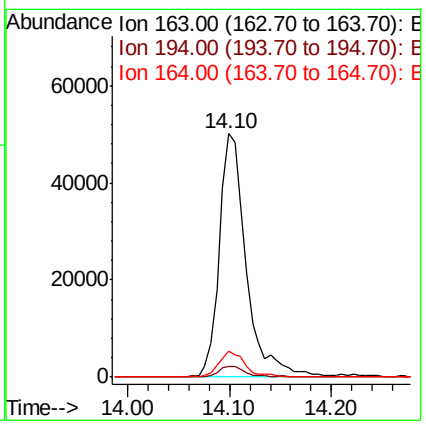


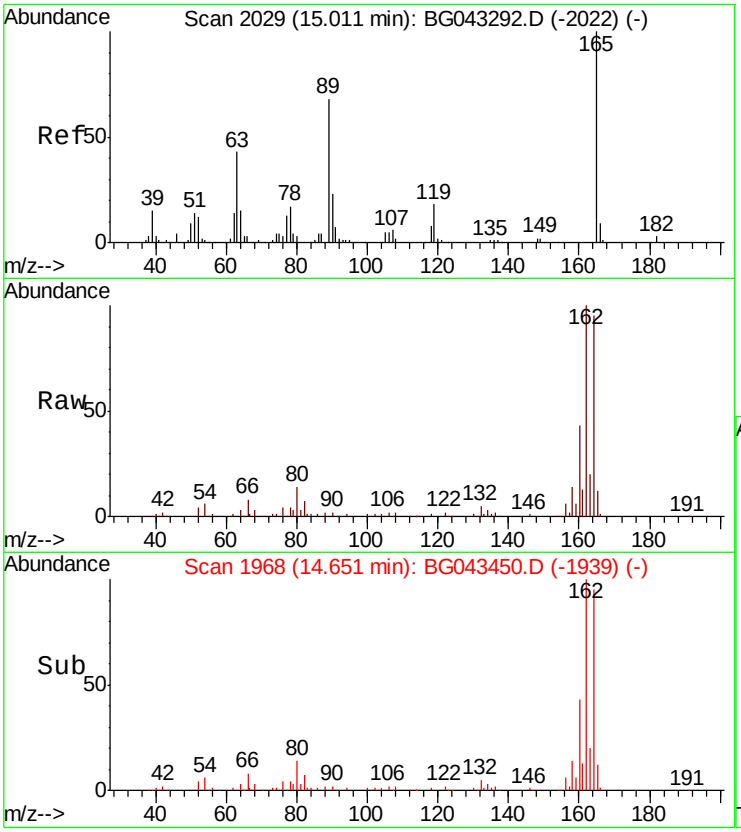


#50
Dimethylphthalate
Concen: 10.376 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043450.D
Acq: 1 Nov 2019 1:31

Tgt Ion:163 Resp: 92510

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.7	5.5
164	10.7	8.1	12.1



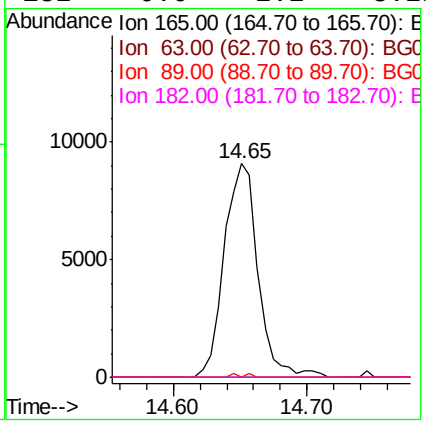


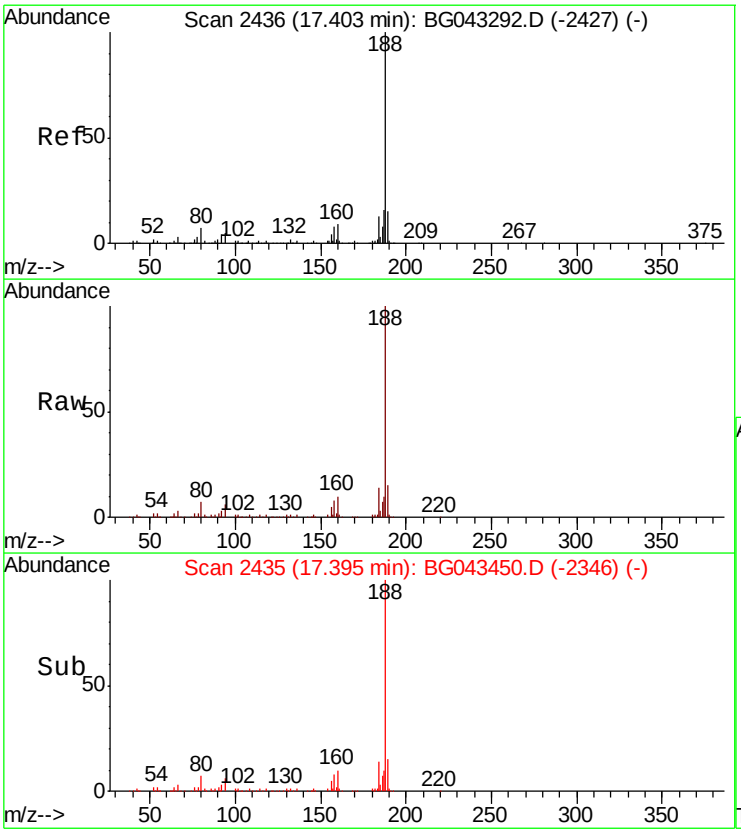
#57
2,4-Dinitrotoluene
Concen: 5.785 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.36 min
Lab File: BG043450.D
Acq: 1 Nov 2019 1:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 16013

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#

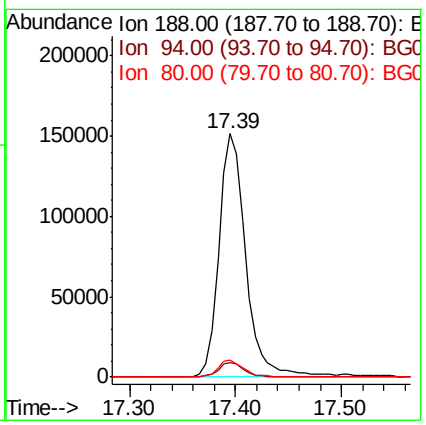


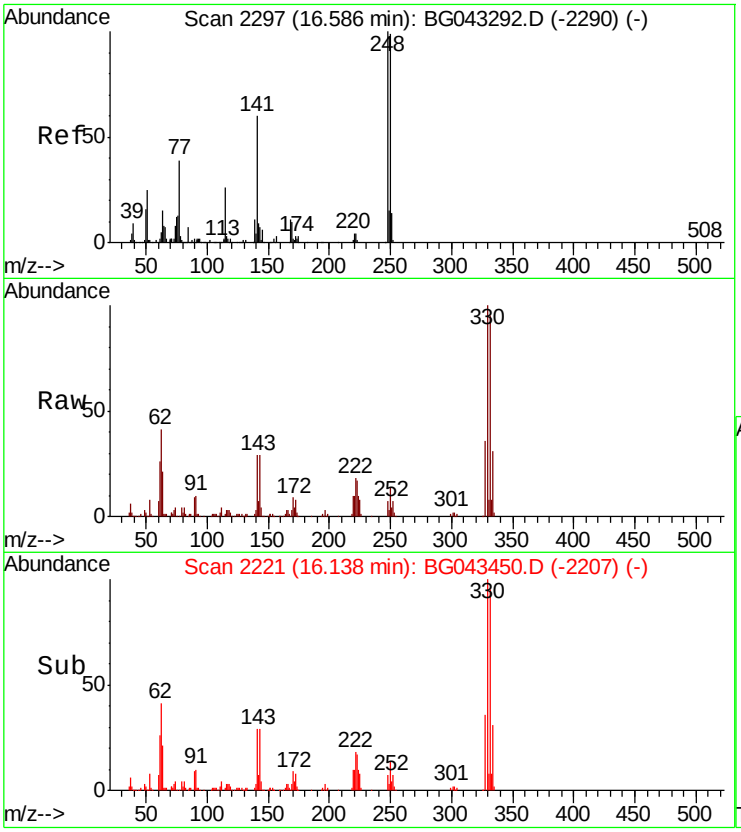


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043450.D
Acq: 1 Nov 2019 1:31

Tgt Ion:188 Resp: 266794

Ion	Ratio	Lower	Upper
188	100		
94	6.0	4.2	6.2
80	6.8	5.2	7.8



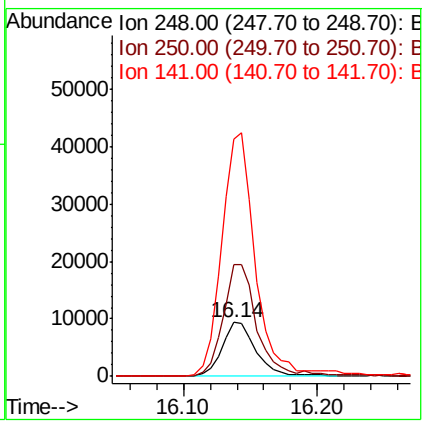


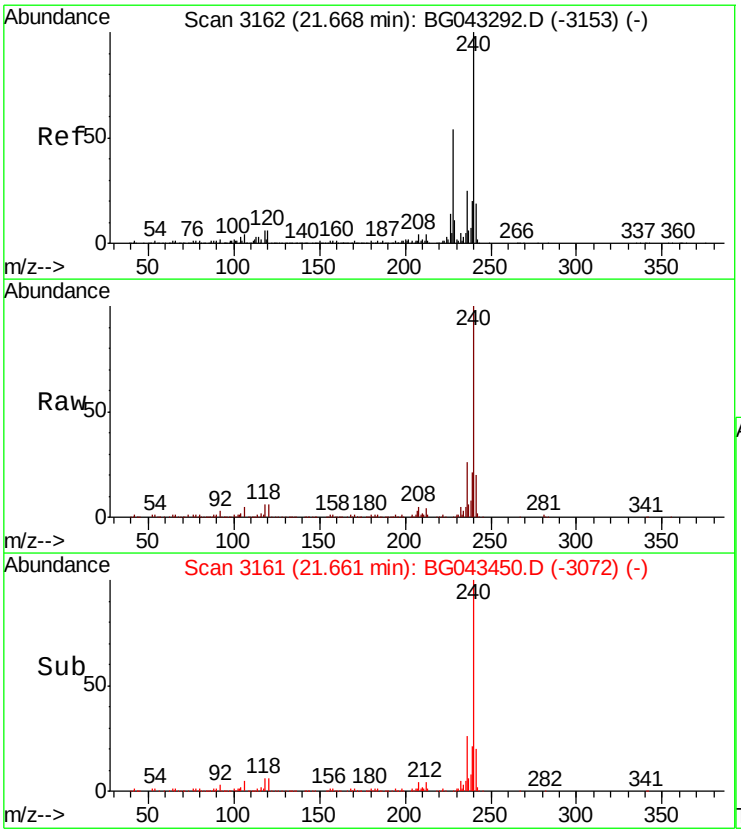
#67
4-Bromophenyl-phenylether
Concen: 4.614 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.45 min
Lab File: BG043450.D
Acq: 1 Nov 2019 1:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 16568

Ion	Ratio	Lower	Upper
248	100		
250	208.2	79.3	118.9#
141	441.3	47.9	71.9#

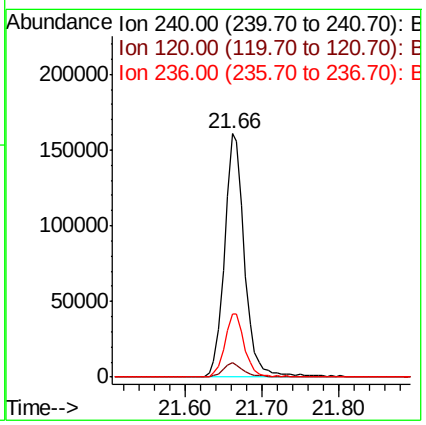


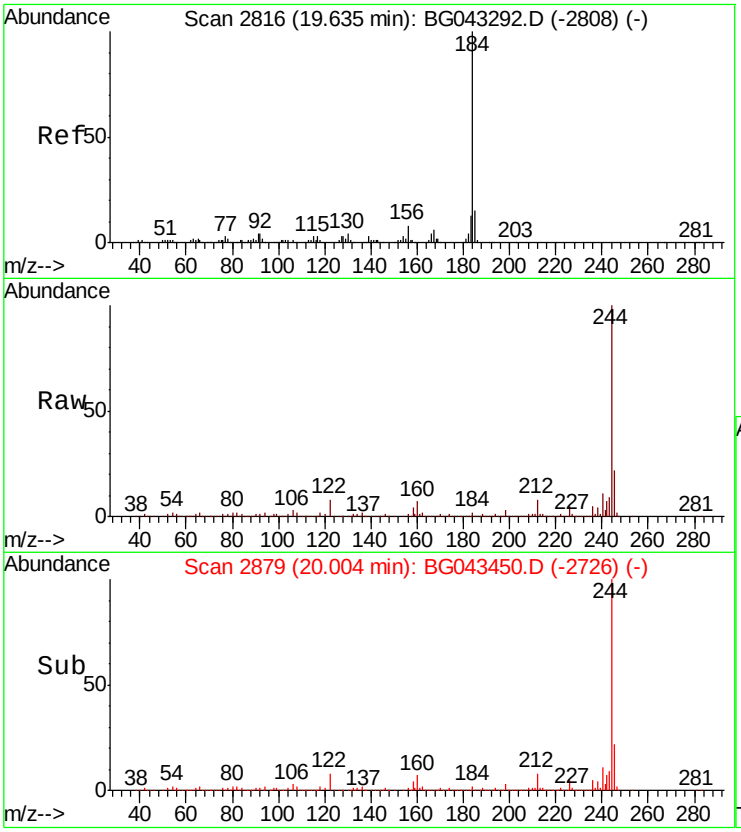


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG043450.D
Acq: 1 Nov 2019 1:31

Tgt Ion:240 Resp: 290717

Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.6	7.0
236	26.1	20.2	30.4



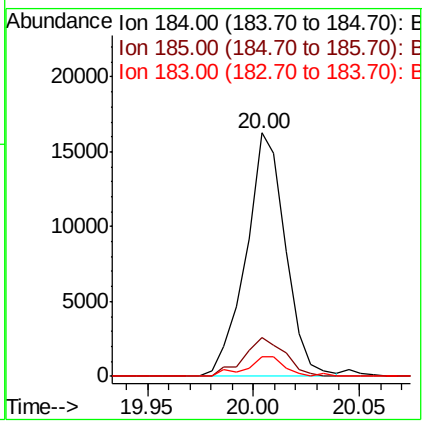


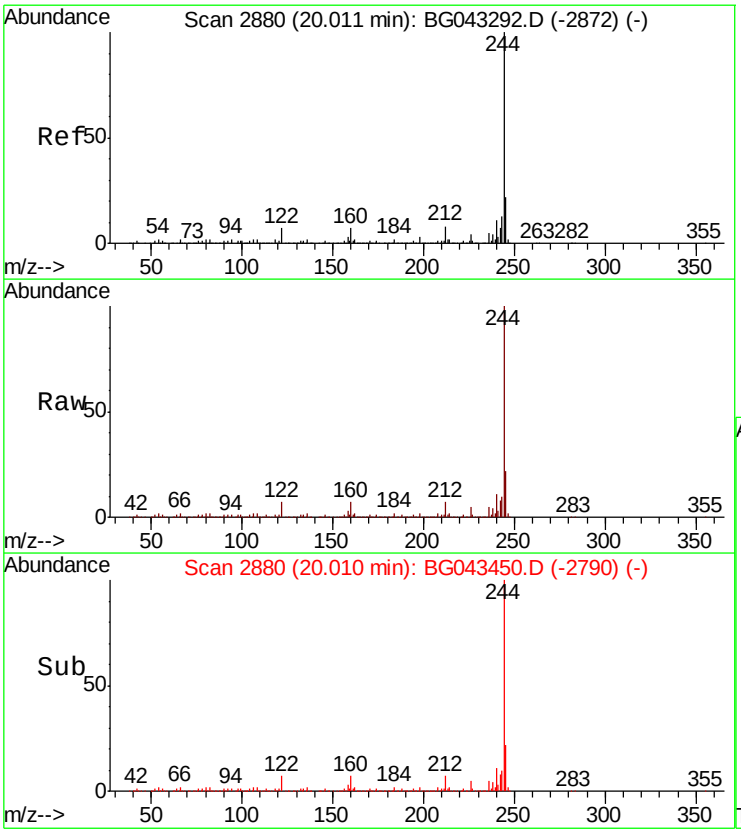
#77
Benzidine
Concen: 3.610 ng
RT: 20.00 min Scan# 2879
Delta R.T. 0.37 min
Lab File: BG043450.D
Acq: 1 Nov 2019 1:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 21122

Ion	Ratio	Lower	Upper
184	100		
185	15.8	11.8	17.6
183	7.9	10.6	16.0#

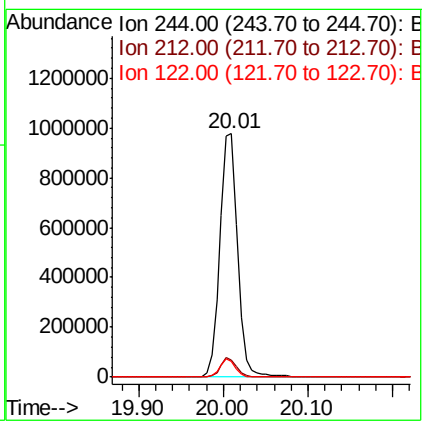


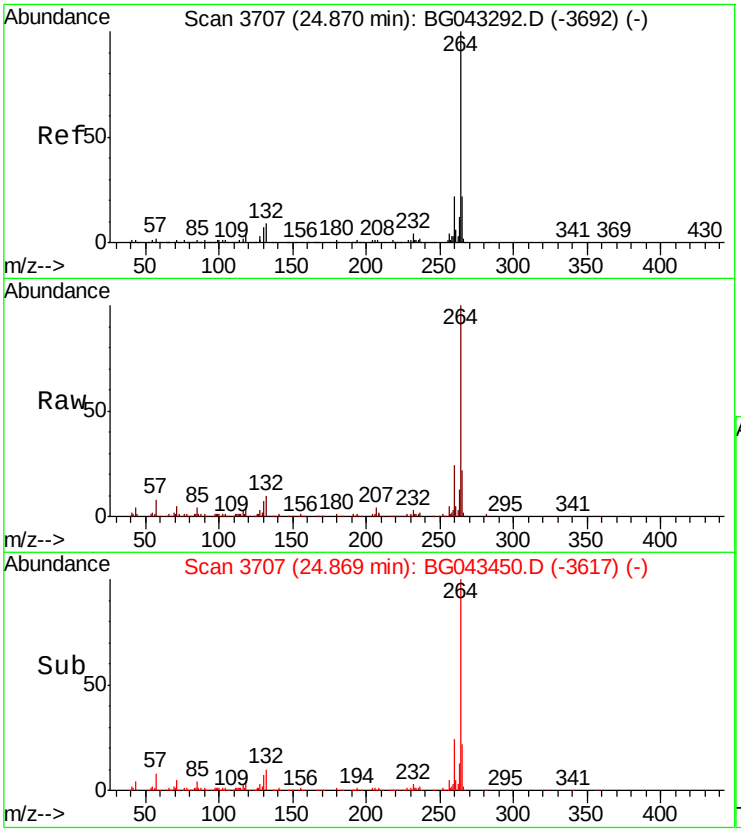


#79
Terphenyl-d14
Concen: 92.096 ng
RT: 20.01 min Scan# 2880
Delta R.T. -0.00 min
Lab File: BG043450.D
Acq: 1 Nov 2019 1:31

Tgt Ion:244 Resp: 1427131

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.4	9.6
122	6.6	5.3	7.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.87 min Scan# 3707
Delta R.T. -0.00 min
Lab File: BG043450.D
Acq: 1 Nov 2019 1:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 346234

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.9	26.9
265	22.3	17.4	26.2