Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
Data File : BG043730.D
Acq On : 20 Nov 2019 16:33
Operator : JU
Sample : K5904-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 21 00:35:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 15:23:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	27561	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	94950	20.00	ng		0.00
39) Acenaphthene-d10	14.62	164	74226	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	187493	20.00	ng		0.00
76) Chrysene-d12	21.63	240	199416	20.00	ng		0.00
87) Perylene-d12	24.80	264	229595	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	231843	154.15	ng		0.00
7) Phenol-d6	7.18	99	327011	151.12	ng		0.00
23) Nitrobenzene-d5	9.15	82	191896	104.19	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	192673	136.40	ng		0.00
45) 2-Fluorobiphenyl	13.24	172	524638	97.67	ng		0.00
79) Terphenyl-d14	19.98	244	1107715	104.21	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.21	94	13218	6.684	ng		72
15) Benzyl Alcohol	8.31	79	3305	2.175	ng	#	52
19) n-Nitroso-di-n-propylamine	9.15	70	26878	19.222	ng	#	66
50) Dimethylphthalate	14.08	163	58651	10.201	ng		97
57) 2,4-Dinitrotoluene	14.62	165	9942	5.570	ng	#	25
67) 4-Bromophenyl-phenylether	16.11	248	12675	5.023	ng	#	1
77) Benzidine	19.97	184	16757	4.175	ng	#	1

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

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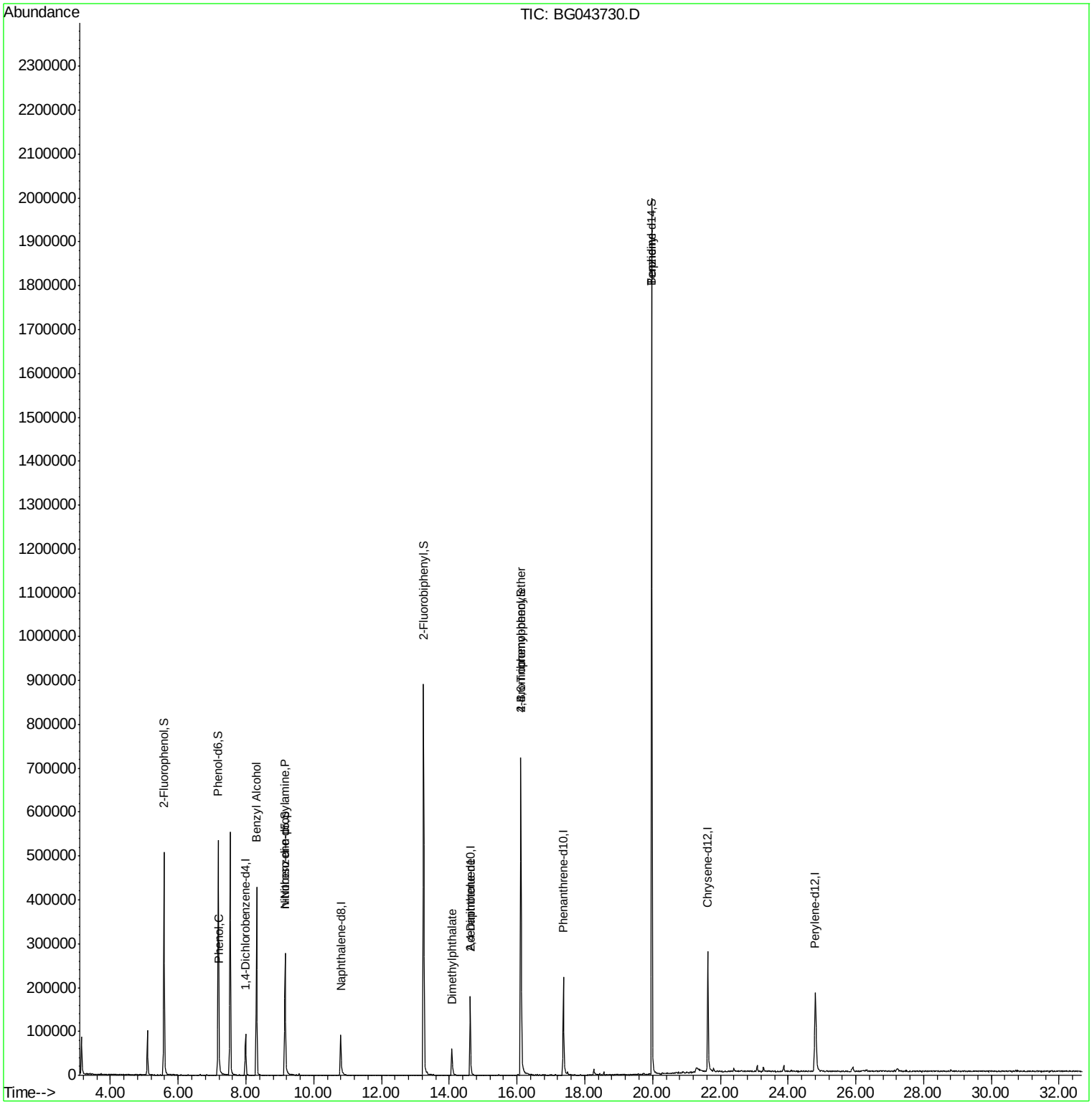
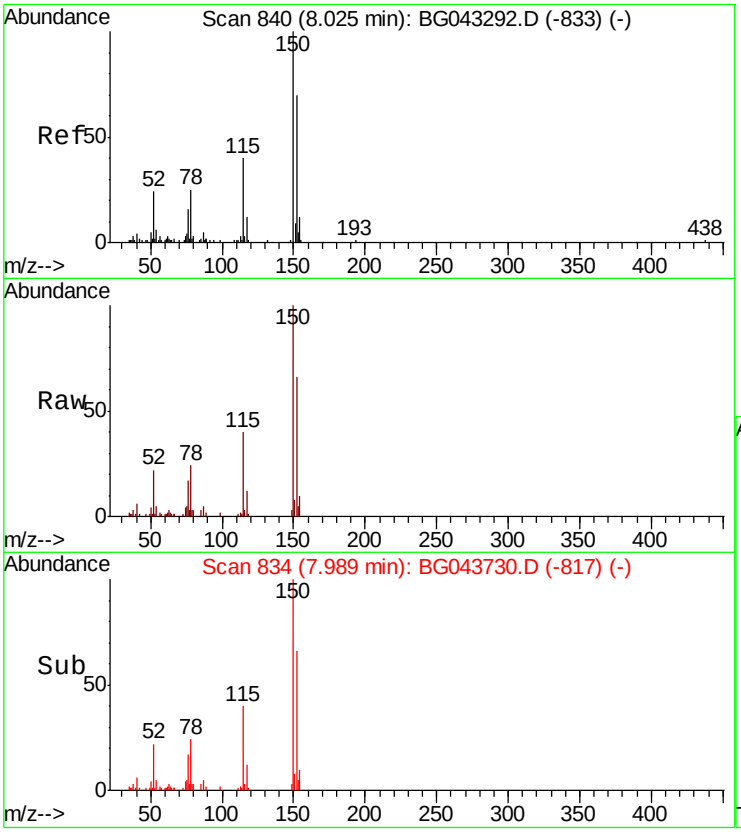


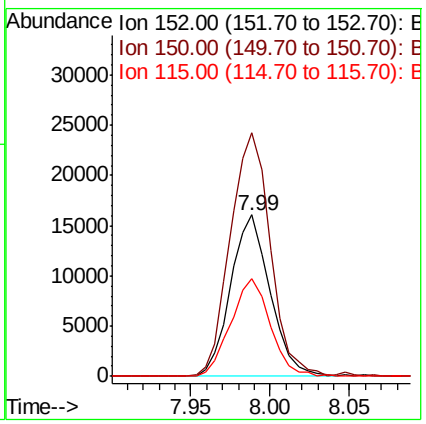


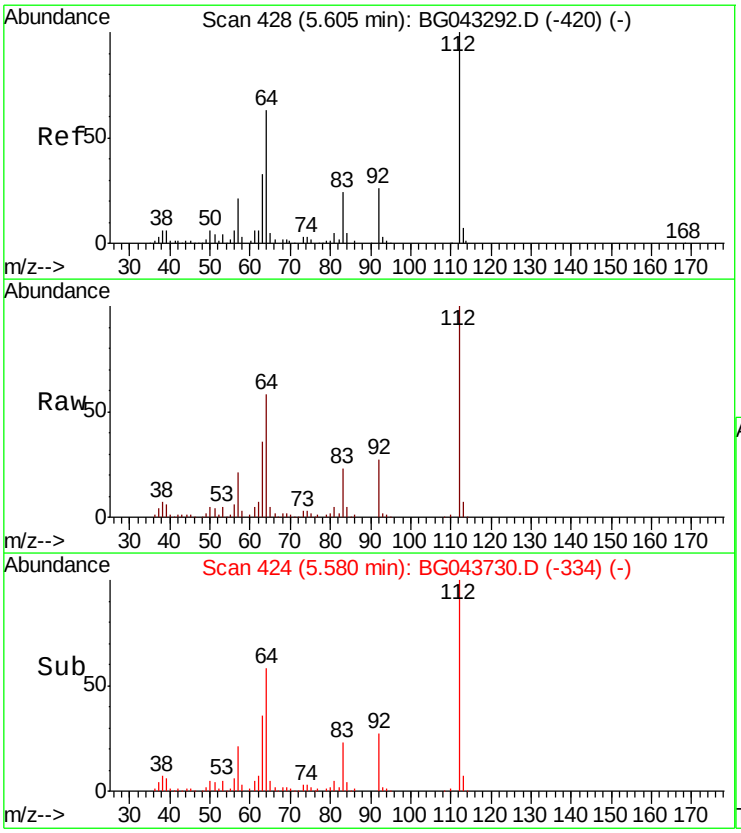
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043730.D
Acq: 20 Nov 2019 16:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 27561

Ion	Ratio	Lower	Upper
152	100		
150	150.8	116.6	175.0
115	60.3	40.5	60.7

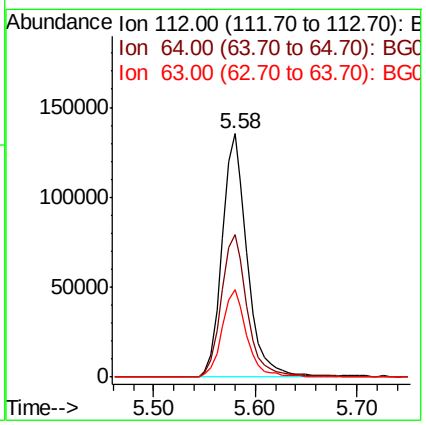


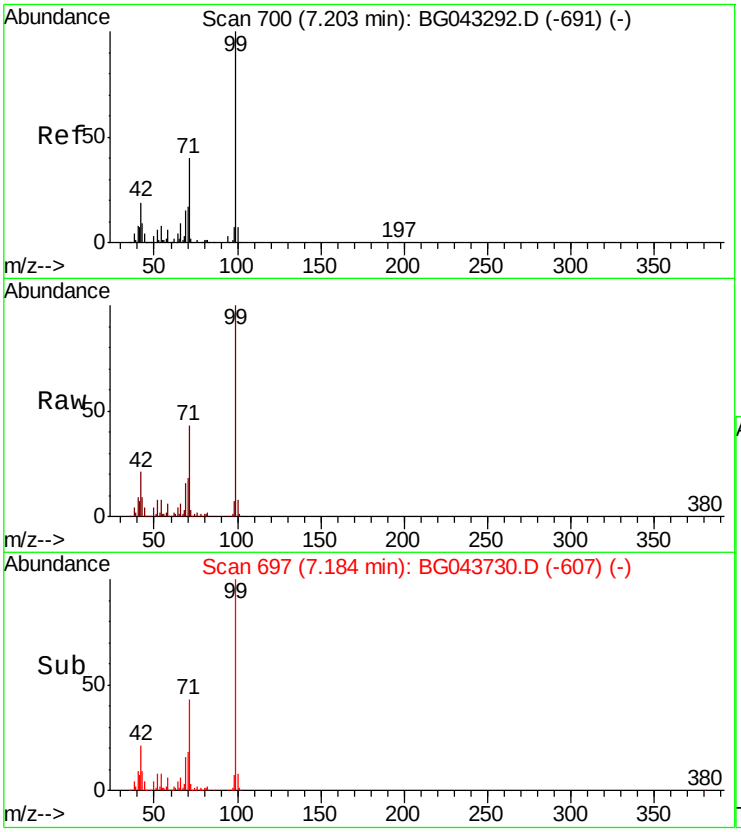


#5
2-Fluorophenol
Concen: 154.145 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG043730.D
Acq: 20 Nov 2019 16:33

Tgt Ion:112 Resp: 231843

Ion	Ratio	Lower	Upper
112	100		
64	58.4	50.6	75.8
63	36.1	30.5	45.7



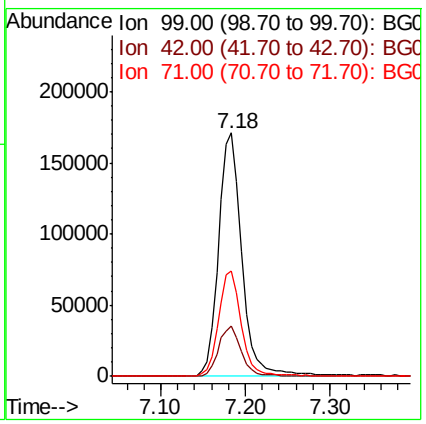


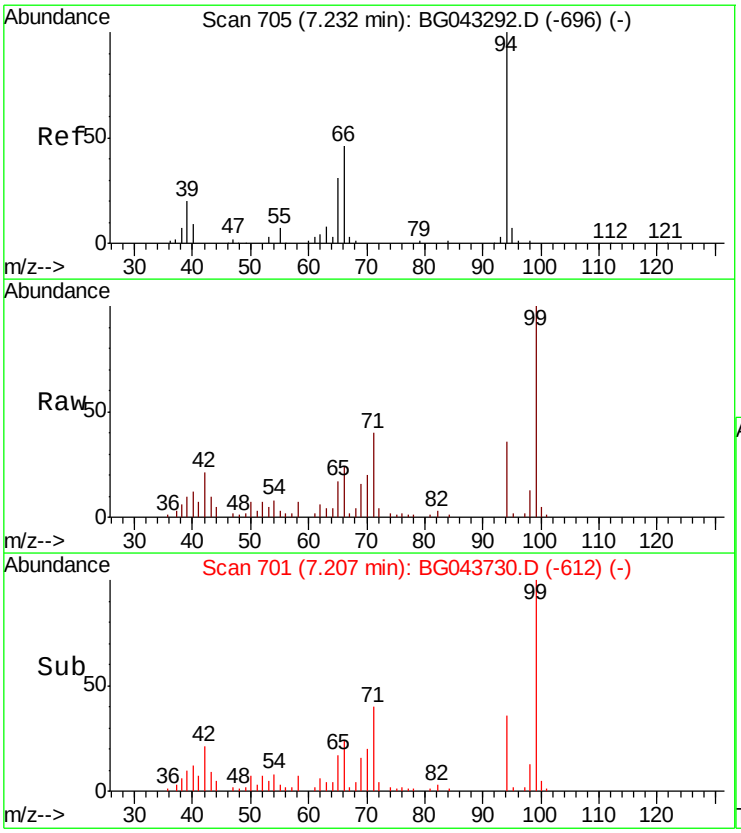
#7
Phenol-d6
Concen: 151.116 ng
RT: 7.18 min Scan# 697
Delta R.T. -0.00 min
Lab File: BG043730.D
Acq: 20 Nov 2019 16:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 327011

Ion	Ratio	Lower	Upper
99	100		
42	20.8	15.8	23.8
71	43.4	34.4	51.6

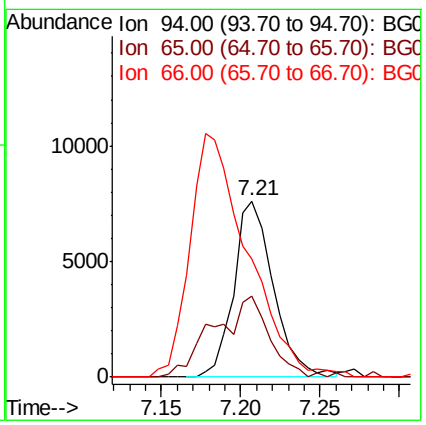


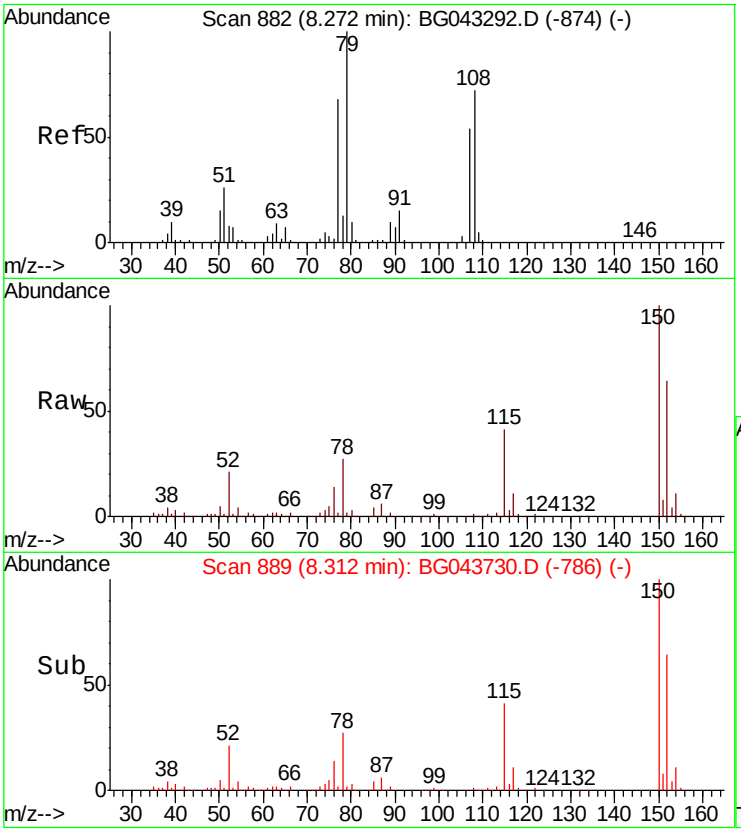


#10
Phenol
Concen: 6.684 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.01 min
Lab File: BG043730.D
Acq: 20 Nov 2019 16:33

Tgt Ion: 94 Resp: 13218

Ion	Ratio	Lower	Upper
94	100		
65	46.4	11.4	51.4
66	67.4	28.4	68.4



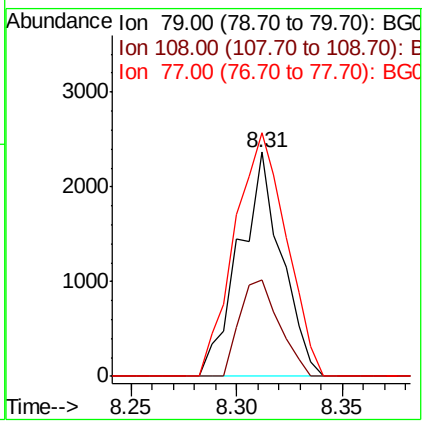


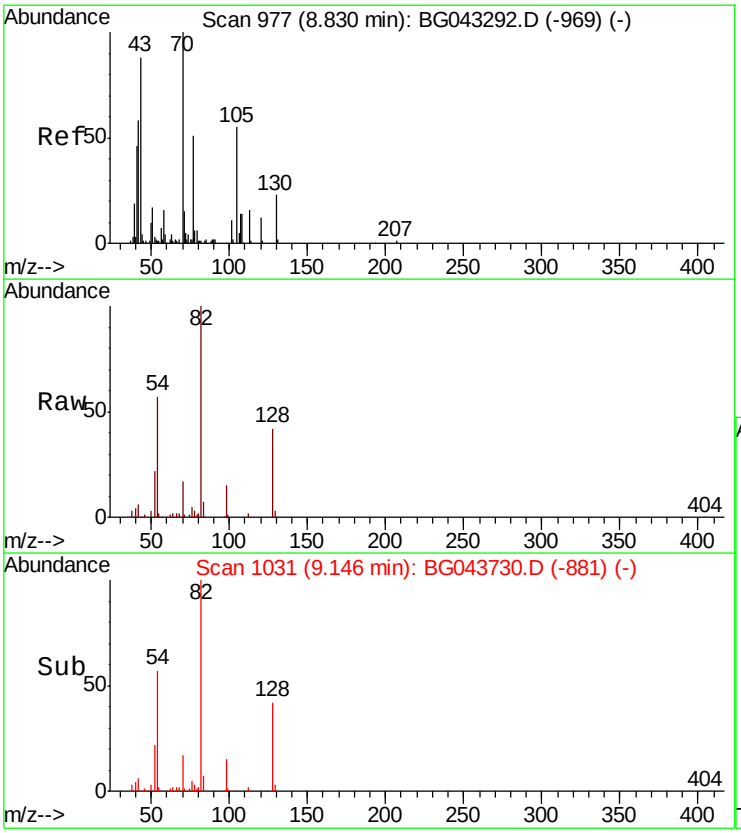
#15
Benzyl Alcohol
Concen: 2.175 ng
RT: 8.31 min Scan# 889
Delta R.T. 0.07 min
Lab File: BG043730.D
Acq: 20 Nov 2019 16:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 3305

Ion	Ratio	Lower	Upper
79	100		
108	42.9	56.0	84.0#
77	108.7	47.9	71.9#

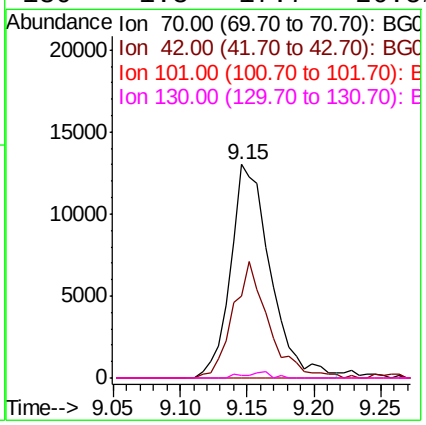


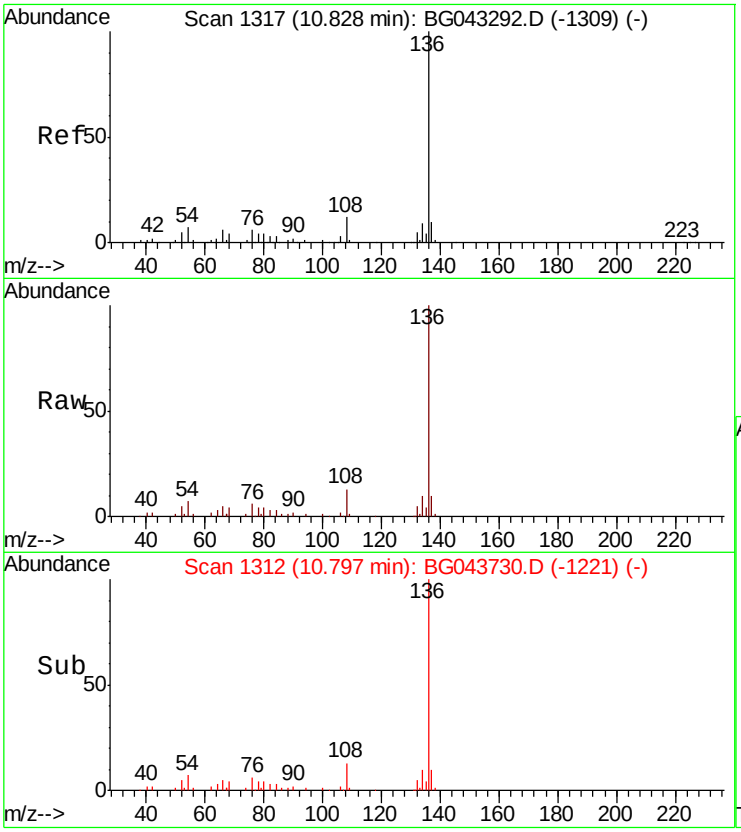


#19
n-Nitroso-di-n-propylamine
Concen: 19.222 ng
RT: 9.15 min Scan# 1031
Delta R.T. 0.35 min
Lab File: BG043730.D
Acq: 20 Nov 2019 16:33

Tgt Ion: 70 Resp: 26878

Ion	Ratio	Lower	Upper
70	100		
42	38.4	49.7	74.5#
101	0.0	9.7	14.5#
130	1.3	17.7	26.5#



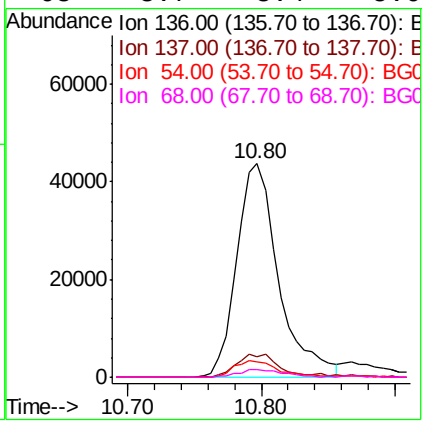


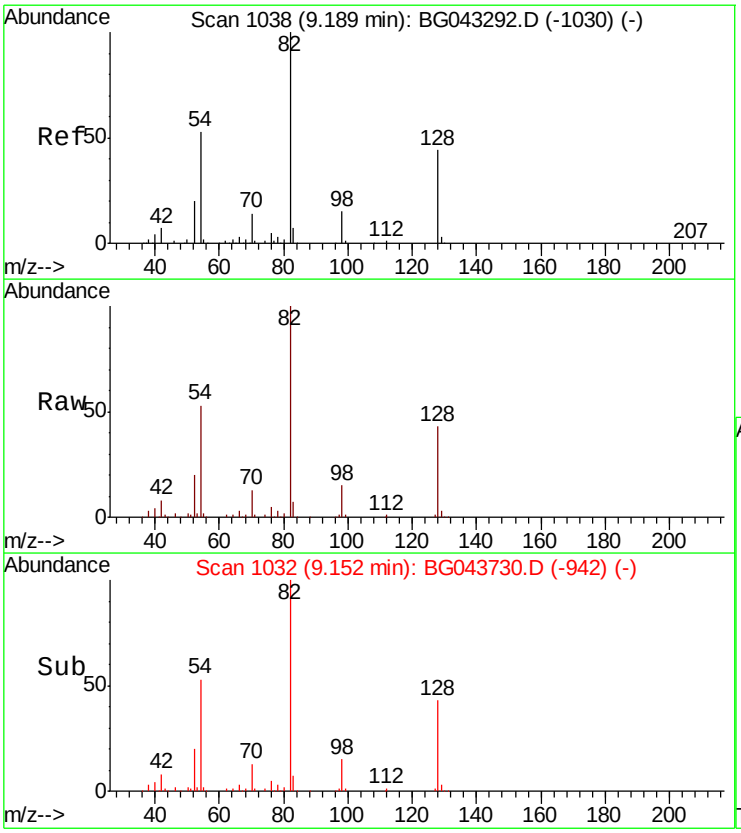
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG043730.D
Acq: 20 Nov 2019 16:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 94950

Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.8	13.2
54	7.2	6.2	9.2
68	3.7	3.4	5.0

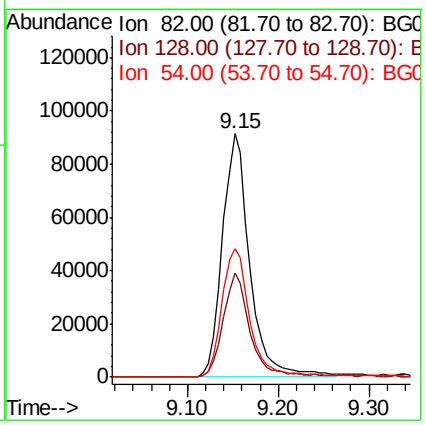


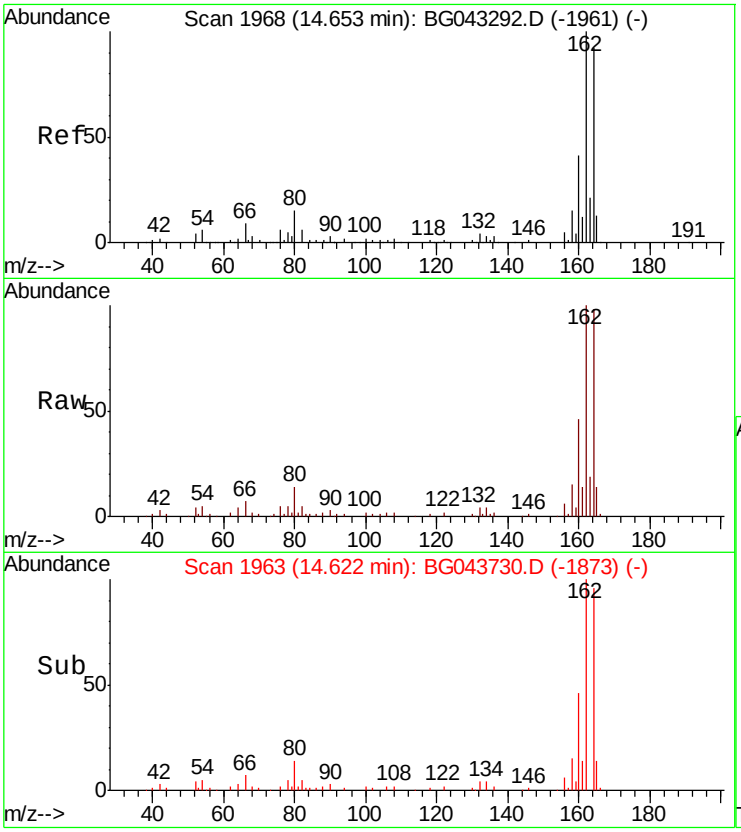


#23
Nitrobenzene-d5
Concen: 104.193 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043730.D
Acq: 20 Nov 2019 16:33

Tgt Ion: 82 Resp: 191896

Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.2	51.4
54	52.9	44.7	67.1



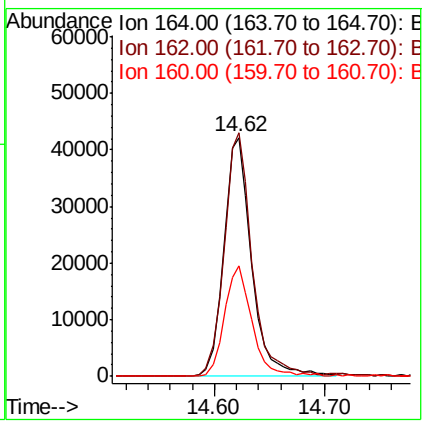


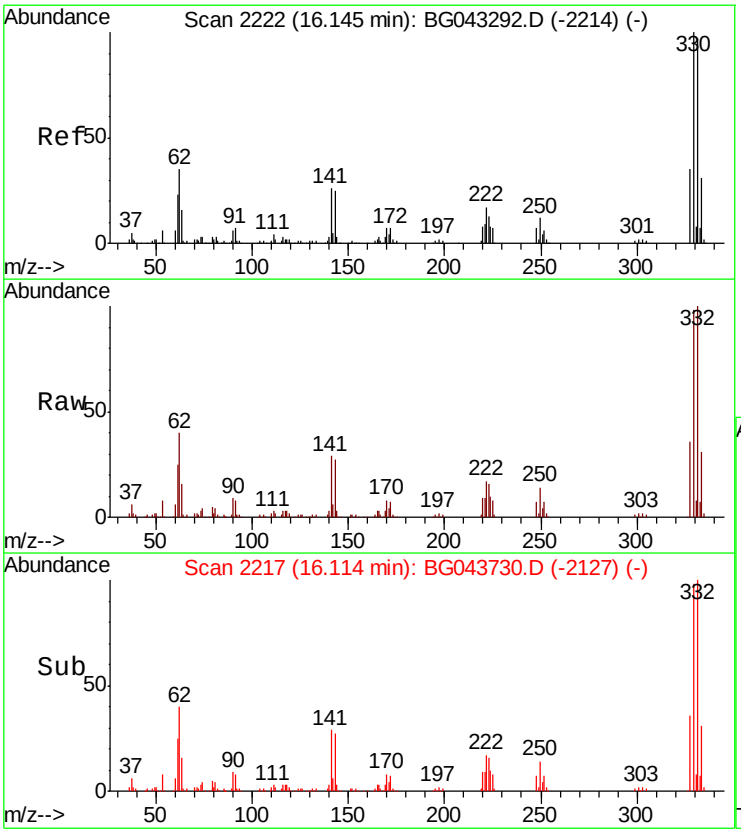
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG043730.D
Acq: 20 Nov 2019 16:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 74226

Ion	Ratio	Lower	Upper
164	100		
162	101.8	79.4	119.2
160	46.5	36.3	54.5

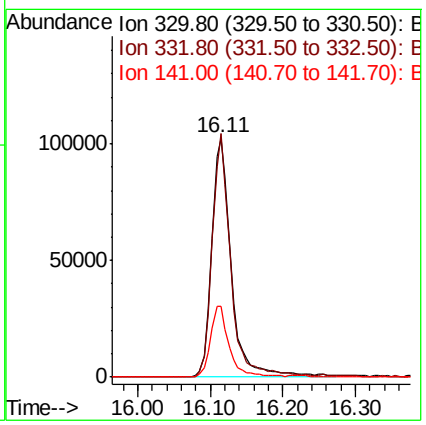


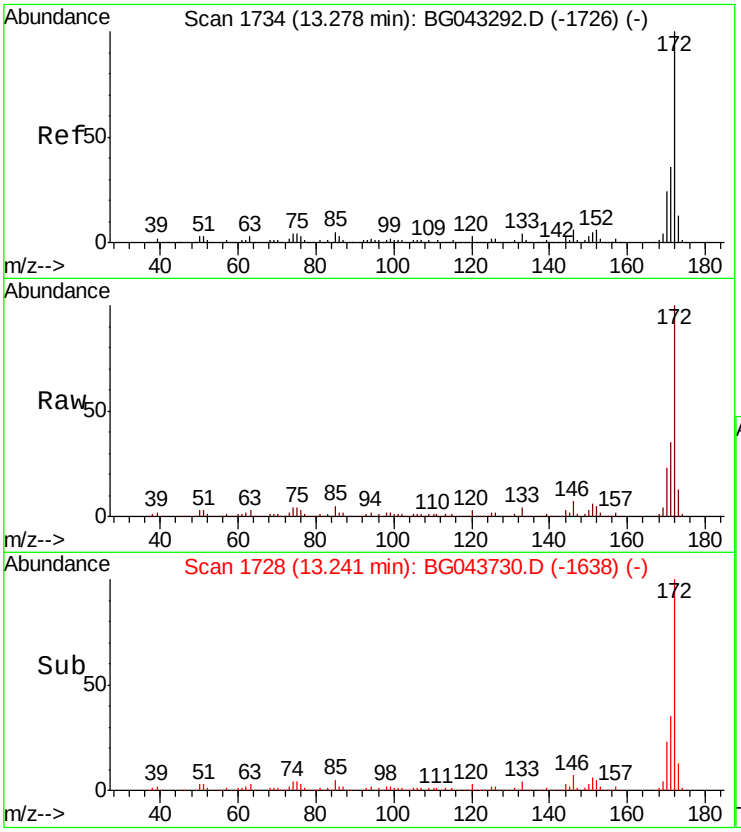


#42
2,4,6-Tribromophenol
Concen: 136.403 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BG043730.D
Acq: 20 Nov 2019 16:33

Tgt Ion:330 Resp: 192673

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	28.5	23.4	35.2



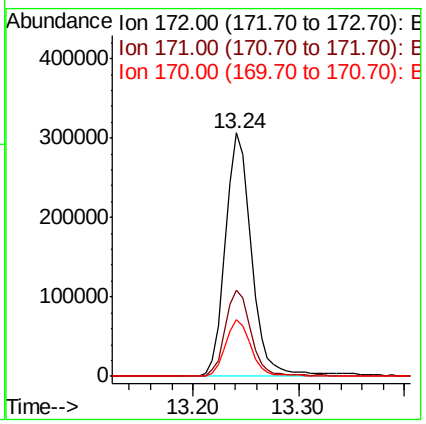


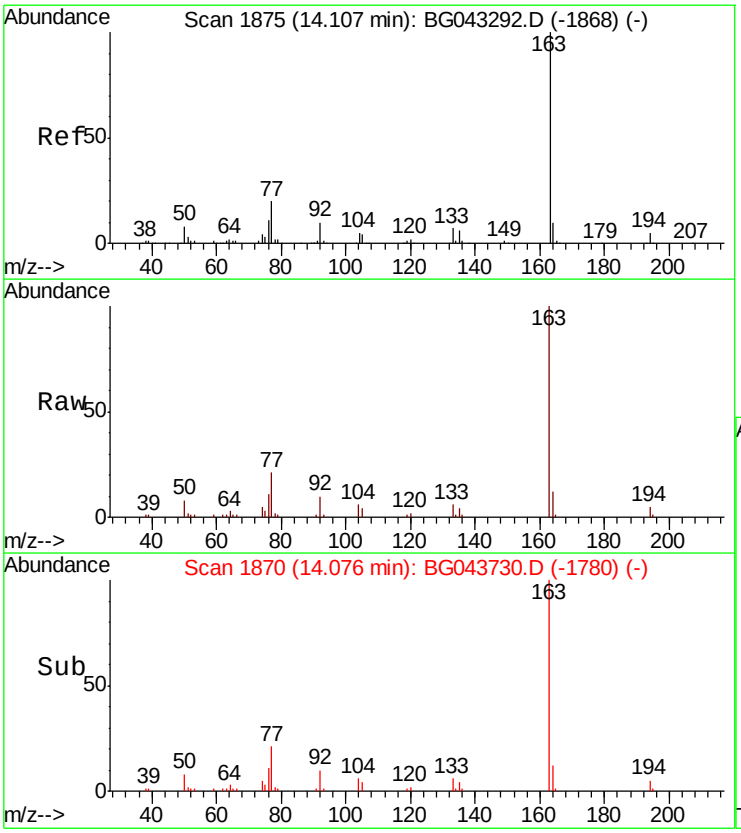
#45
2-Fluorobiphenyl
Concen: 97.667 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG043730.D
Acq: 20 Nov 2019 16:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 524638

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.1	42.1
170	23.3	18.8	28.2

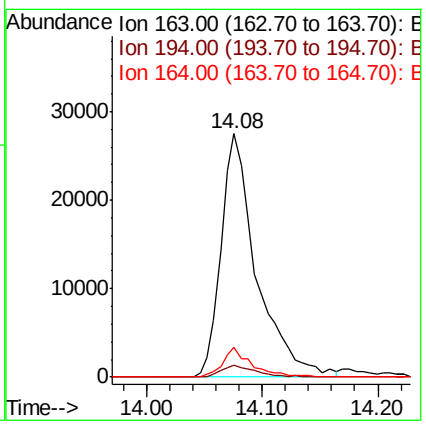


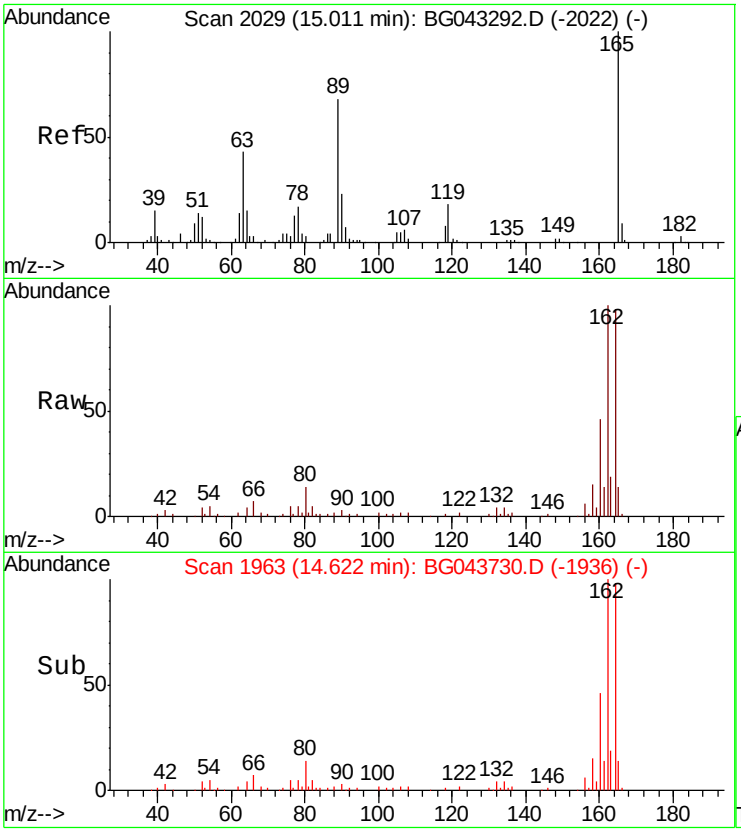


#50
Dimethylphthalate
Concen: 10.201 ng
RT: 14.08 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BG043730.D
Acq: 20 Nov 2019 16:33

Tgt Ion:163 Resp: 58651

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.8	5.8
164	12.2	8.5	12.7



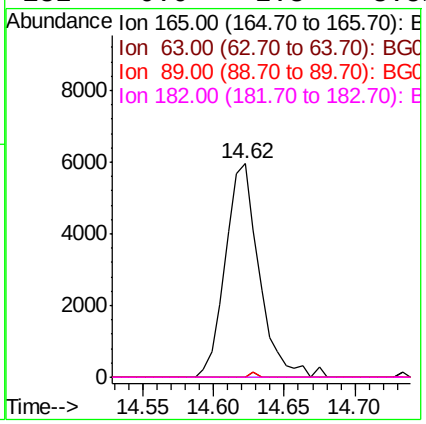


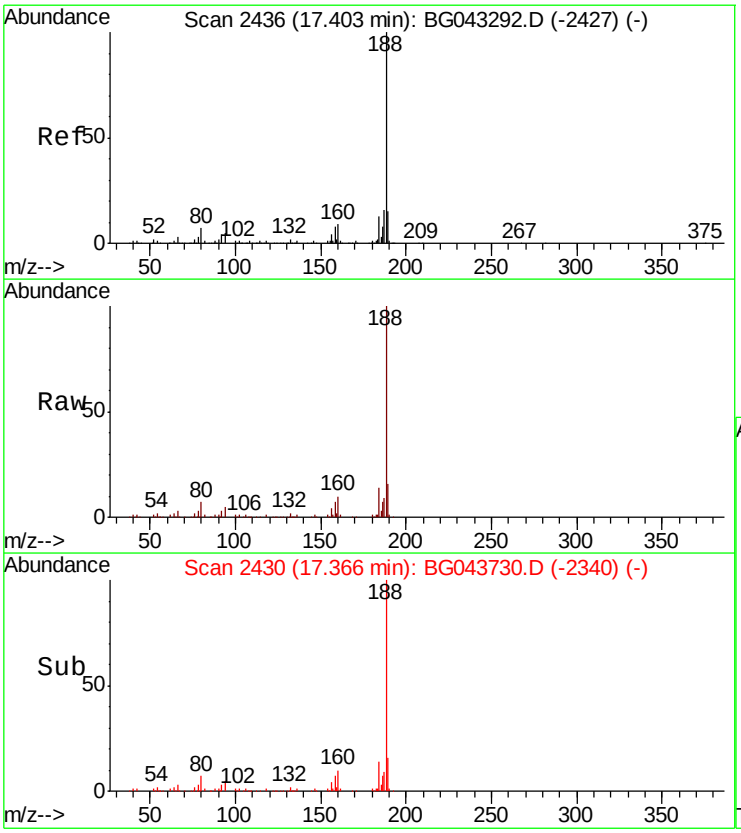
#57
2,4-Dinitrotoluene
Concen: 5.570 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.37 min
Lab File: BG043730.D
Acq: 20 Nov 2019 16:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 9942

Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.4	56.0#
89	0.0	50.9	76.3#
182	0.0	2.3	3.5#

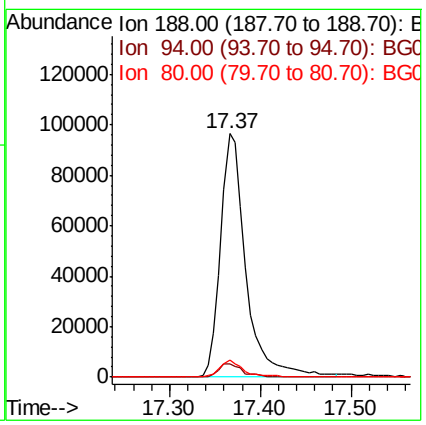


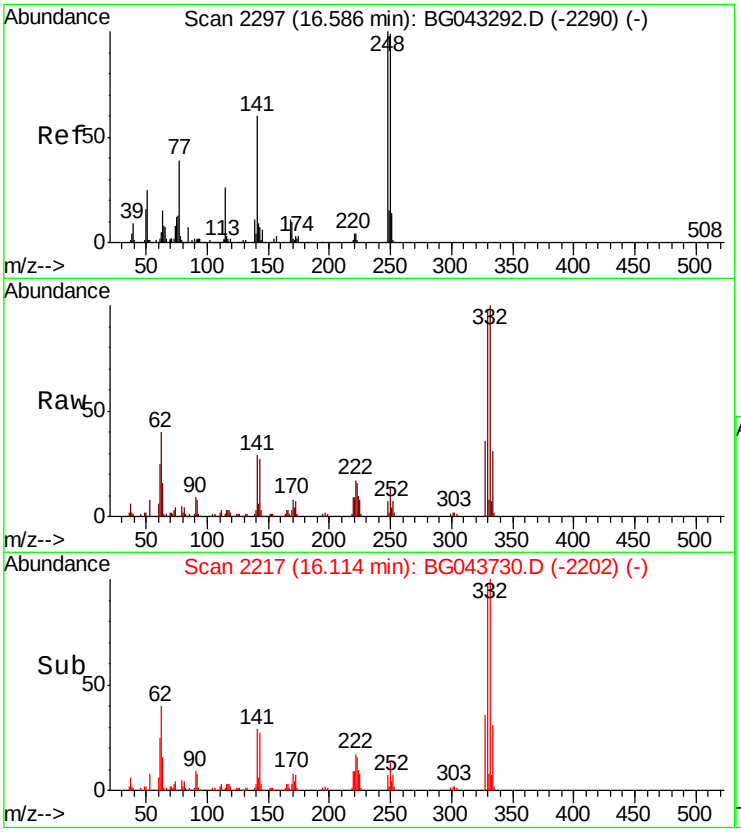


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG043730.D
Acq: 20 Nov 2019 16:33

Tgt Ion:188 Resp: 187493

Ion	Ratio	Lower	Upper
188	100		
94	5.3	4.6	7.0
80	6.9	5.2	7.8



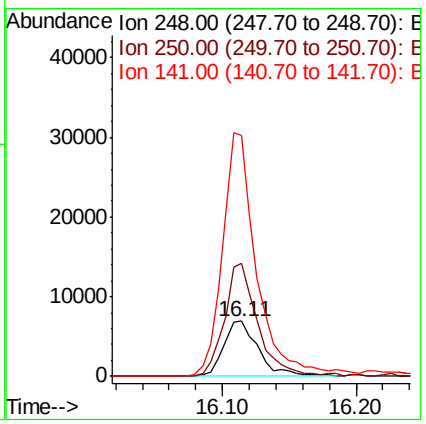


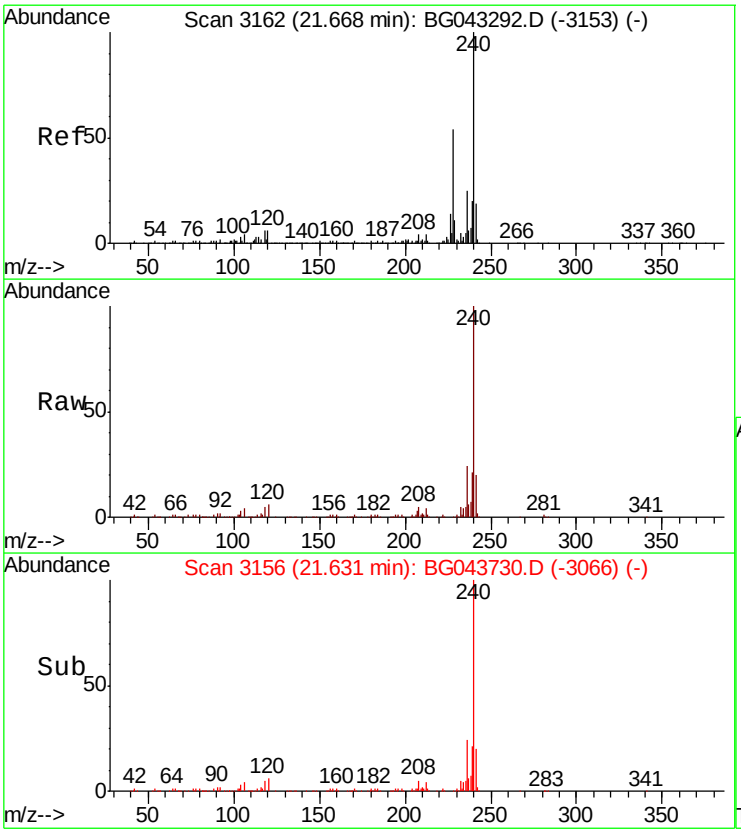
#67
4-Bromophenyl-phenylether
Concen: 5.023 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.44 min
Lab File: BG043730.D
Acq: 20 Nov 2019 16:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 12675

Ion	Ratio	Lower	Upper
248	100		
250	204.5	76.3	114.5#
141	435.9	49.5	74.3#

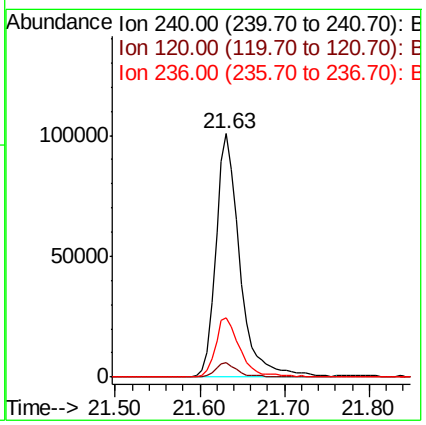


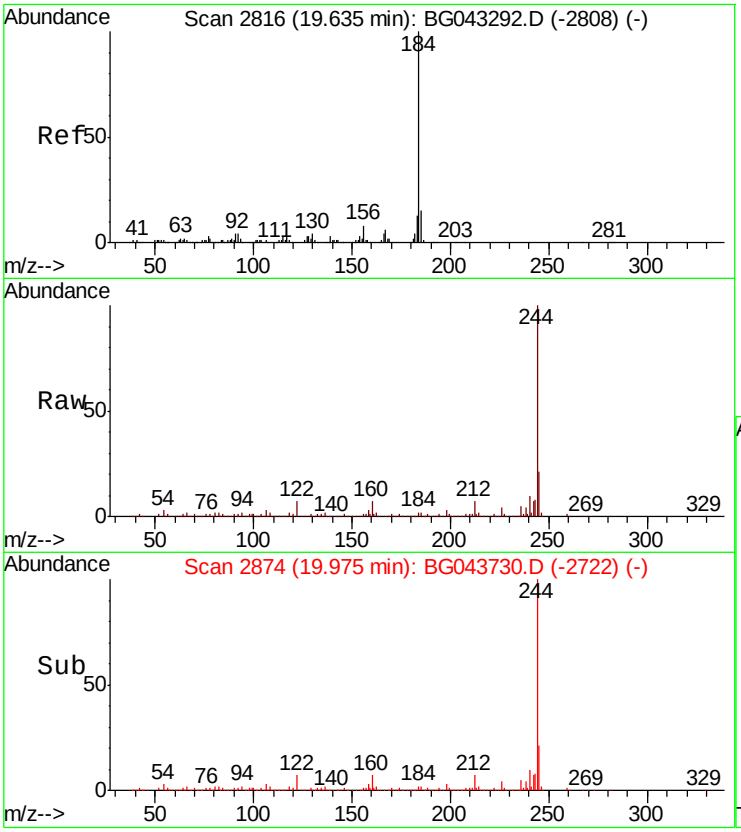


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG043730.D
Acq: 20 Nov 2019 16:33

Tgt Ion:240 Resp: 199416

Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.9	7.3
236	24.5	21.4	32.0



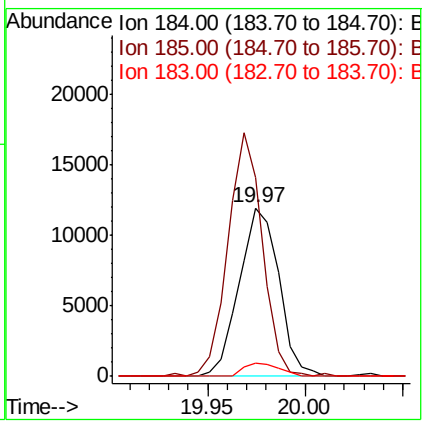


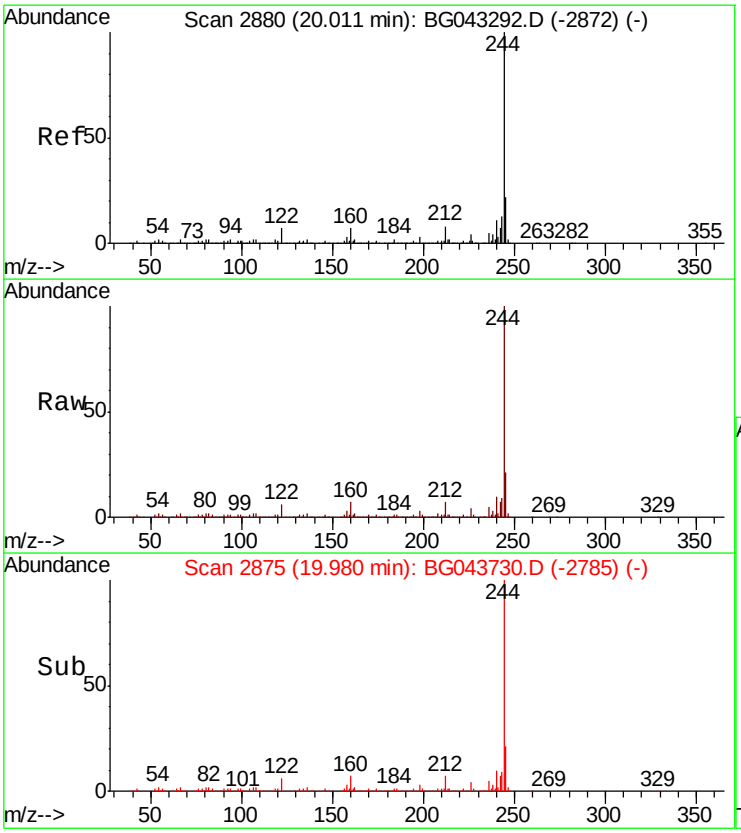
#77
Benzidine
Concen: 4.175 ng
RT: 19.97 min Scan# 2874
Delta R.T. 0.36 min
Lab File: BG043730.D
Acq: 20 Nov 2019 16:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 16757

Ion	Ratio	Lower	Upper
184	100		
185	117.7	12.7	19.1#
183	8.0	8.8	13.2#

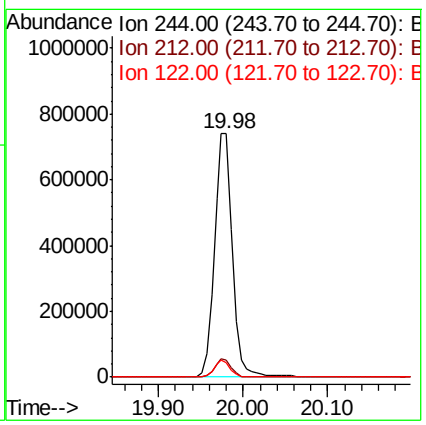


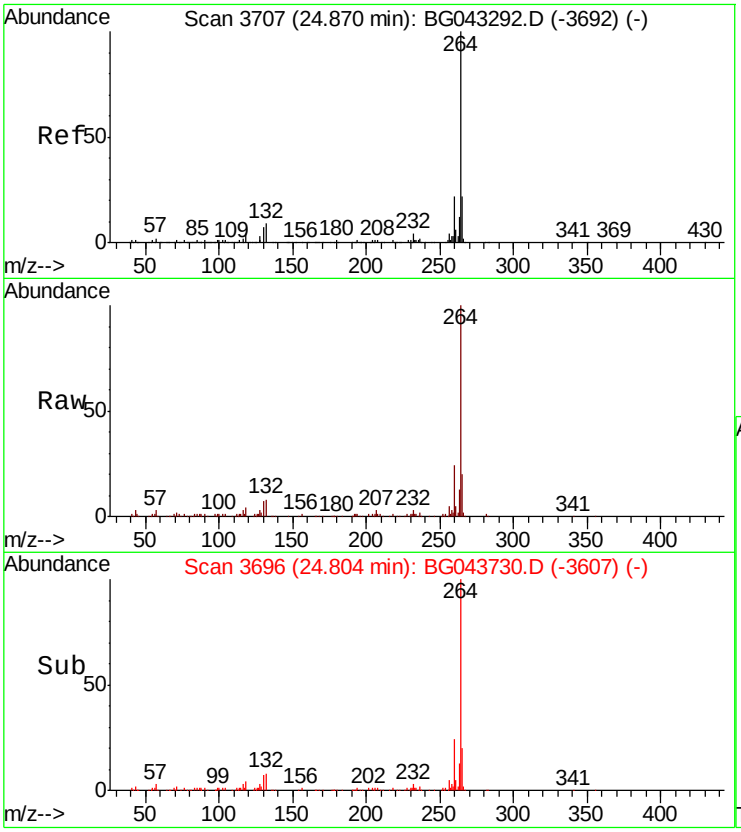


#79
Terphenyl-d14
Concen: 104.211 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BG043730.D
Acq: 20 Nov 2019 16:33

Tgt Ion:244 Resp: 1107715

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	6.2	5.2	7.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.80 min Scan# 3696
Delta R.T. -0.01 min
Lab File: BG043730.D
Acq: 20 Nov 2019 16:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 229595

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	20.4	15.8	23.8