Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
Data File : BG043731.D
Acq On : 20 Nov 2019 17:12
Operator : JU
Sample : K5904-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 21 00:35:34 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	26862	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	100377	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	74076	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	186383	20.00	ng	0.00
76) Chrysene-d12	21.63	240	198912	20.00	ng	0.00
87) Perylene-d12	24.81	264	231529	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	241570	164.79	ng	0.00
7) Phenol-d6	7.18	99	336906	159.74	ng	0.00
23) Nitrobenzene-d5	9.15	82	201484	103.48	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	190252	134.96	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	555216	103.57	ng	0.00
79) Terphenyl-d14	19.98	244	1137229	107.26	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.21	94	13366	6.935	ng	# 69
15) Benzyl Alcohol	8.31	79	3826	2.583	ng	# 41
19) n-Nitroso-di-n-propylamine	9.16	70	27117	19.897	ng	# 71
50) Dimethylphthalate	14.08	163	49859	8.690	ng	# 93
57) 2,4-Dinitrotoluene	14.62	165	10274	5.767	ng	# 25
67) 4-Bromophenyl-phenylether	16.11	248	12077	4.815	ng	# 1
77) Benzidine	19.98	184	17517	4.376	ng	# 94

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 15:23:15 2019
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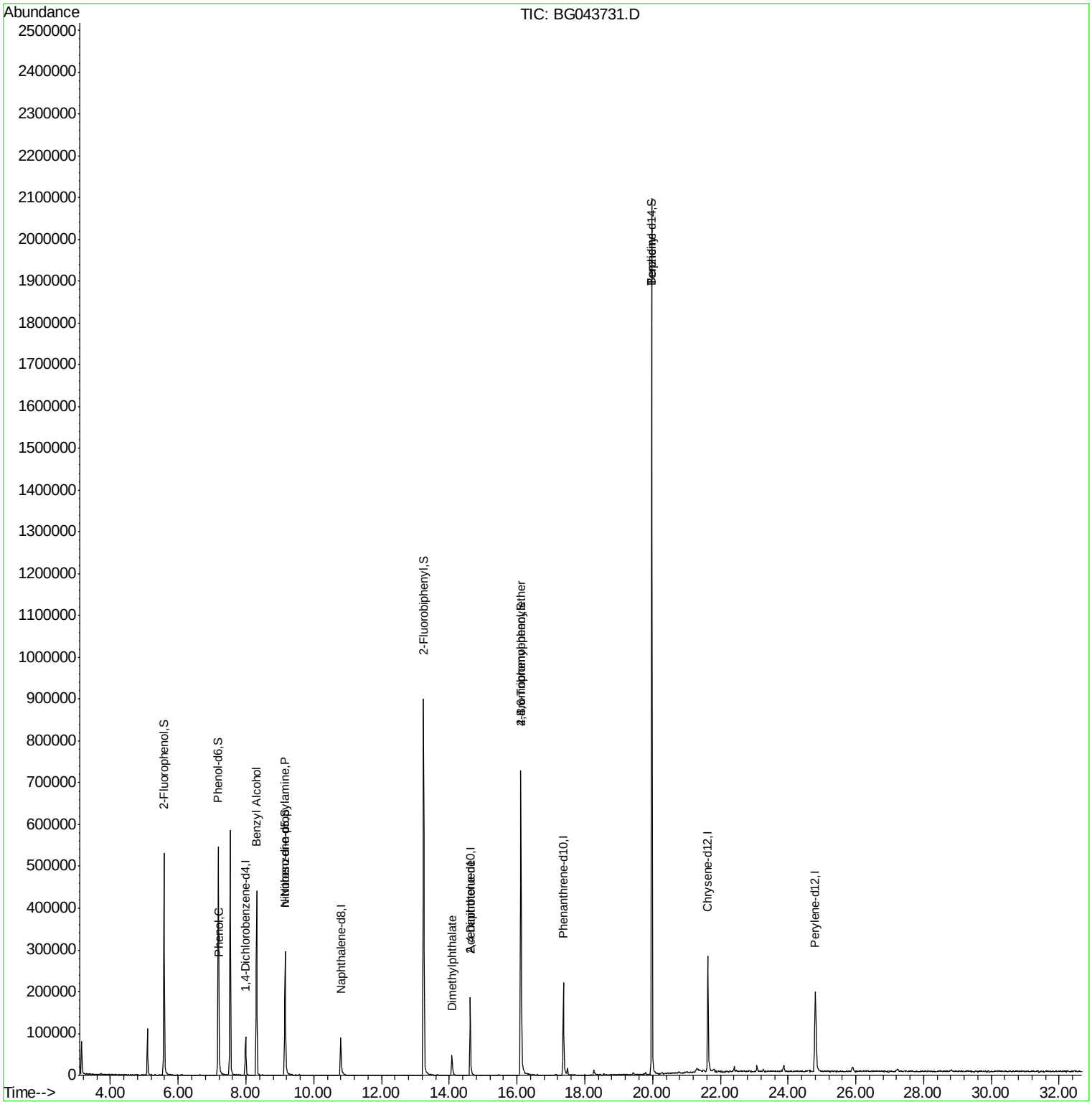
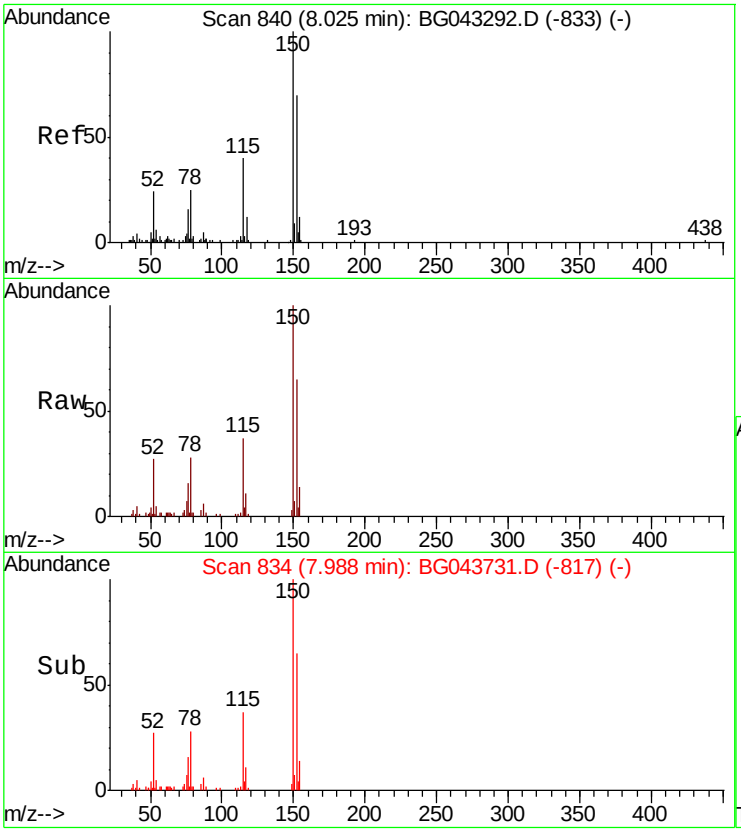


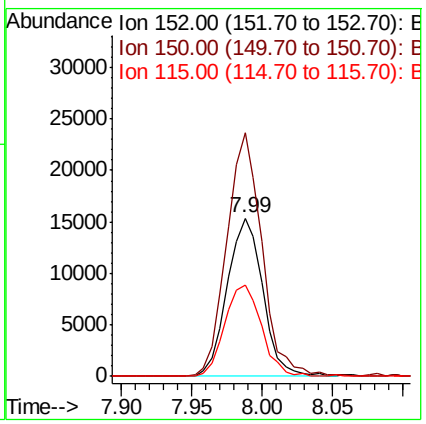


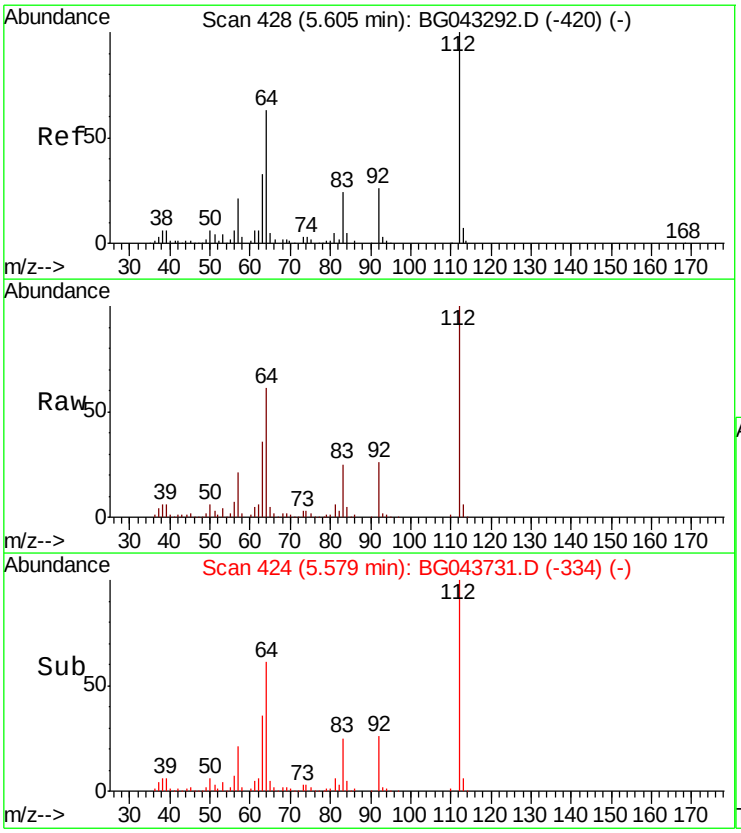
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043731.D
Acq: 20 Nov 2019 17:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 26862

Ion	Ratio	Lower	Upper
152	100		
150	154.2	116.6	175.0
115	57.5	40.5	60.7

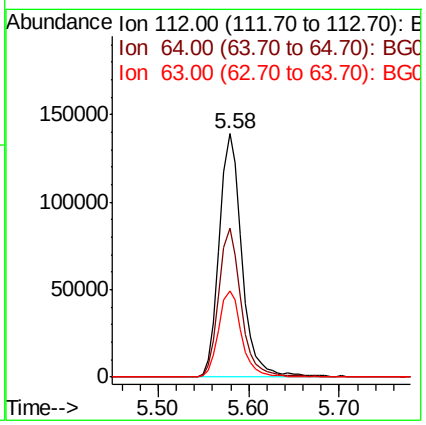


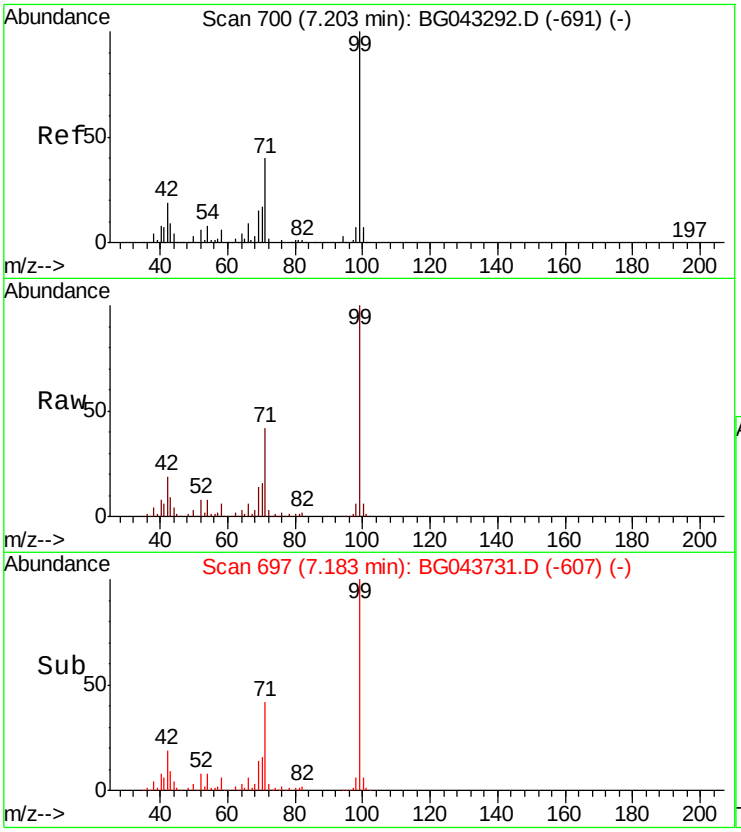


#5
2-Fluorophenol
Concen: 164.792 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG043731.D
Acq: 20 Nov 2019 17:12

Tgt Ion:112 Resp: 241570

Ion	Ratio	Lower	Upper
112	100		
64	61.1	50.6	75.8
63	35.5	30.5	45.7



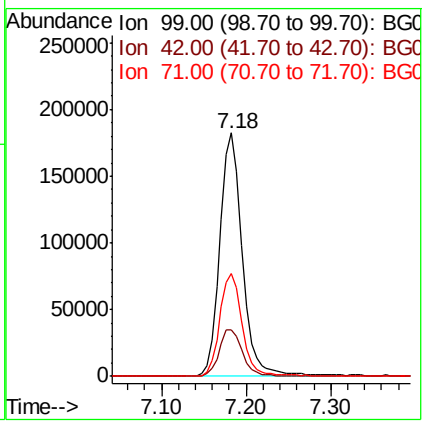


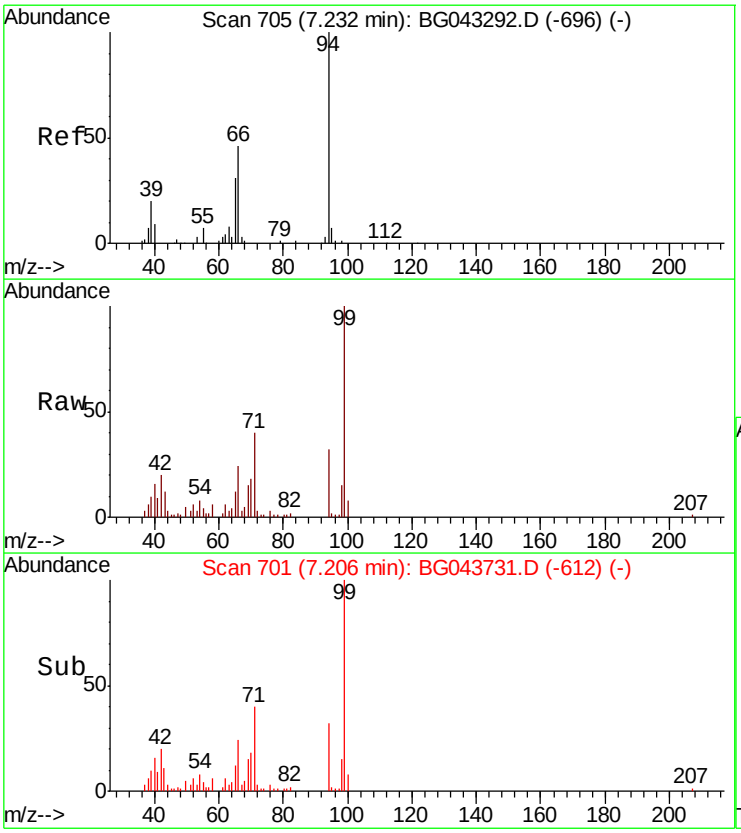
#7
Phenol-d6
Concen: 159.739 ng
RT: 7.18 min Scan# 697
Delta R.T. -0.00 min
Lab File: BG043731.D
Acq: 20 Nov 2019 17:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 336906

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.8	23.8
71	42.0	34.4	51.6

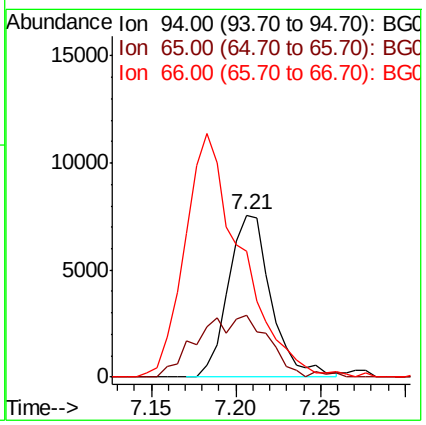


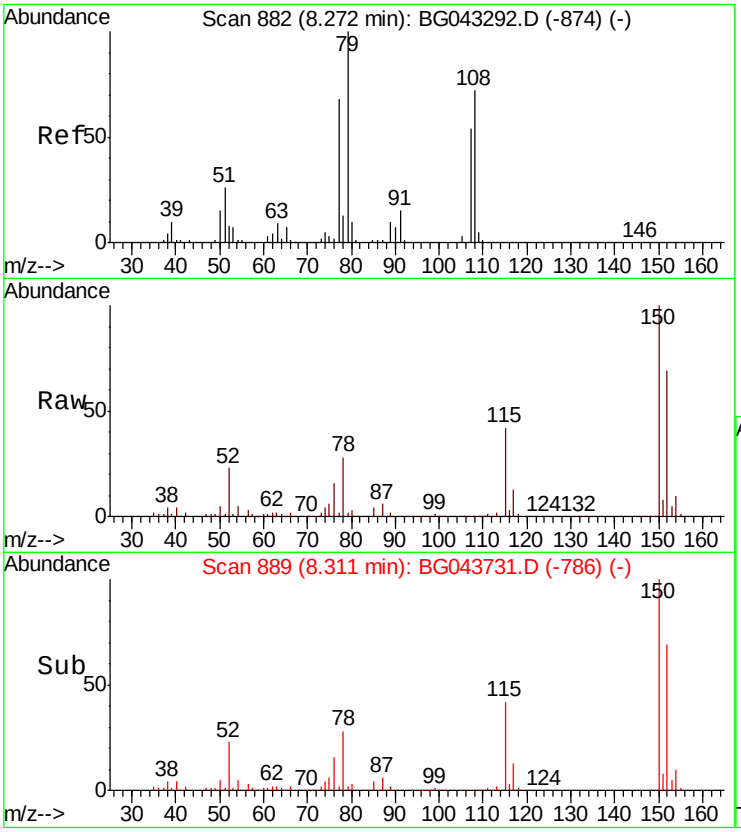


#10
Phenol
Concen: 6.935 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.01 min
Lab File: BG043731.D
Acq: 20 Nov 2019 17:12

Tgt Ion: 94 Resp: 13366

Ion	Ratio	Lower	Upper
94	100		
65	38.4	11.4	51.4
66	77.4	28.4	68.4#



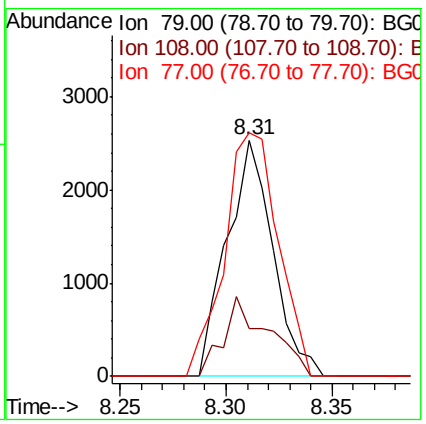


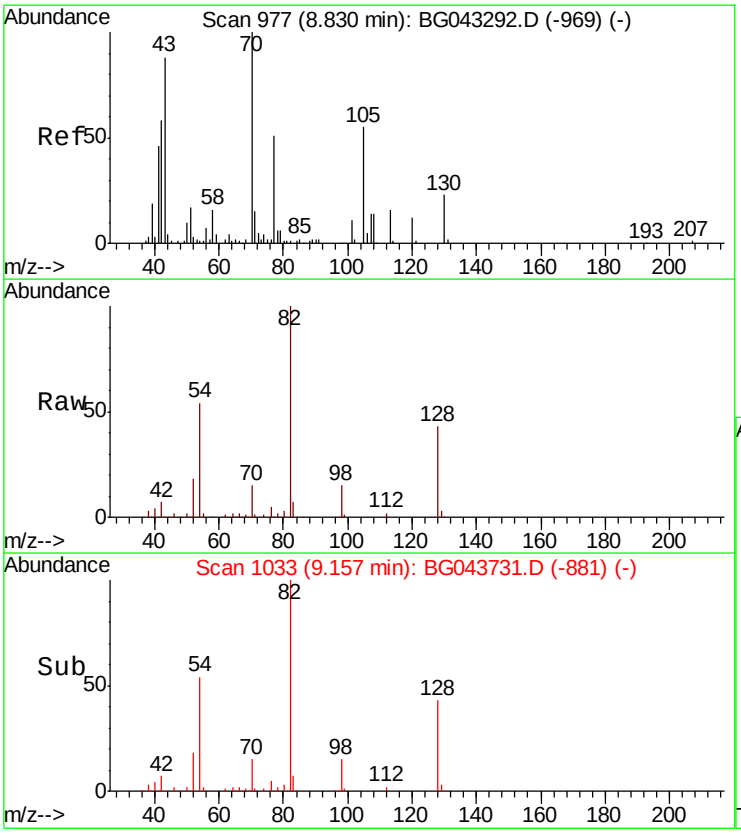
#15
Benzyl Alcohol
Concen: 2.583 ng
RT: 8.31 min Scan# 889
Delta R.T. 0.07 min
Lab File: BG043731.D
Acq: 20 Nov 2019 17:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 3826

Ion	Ratio	Lower	Upper
79	100		
108	20.0	56.0	84.0#
77	103.0	47.9	71.9#

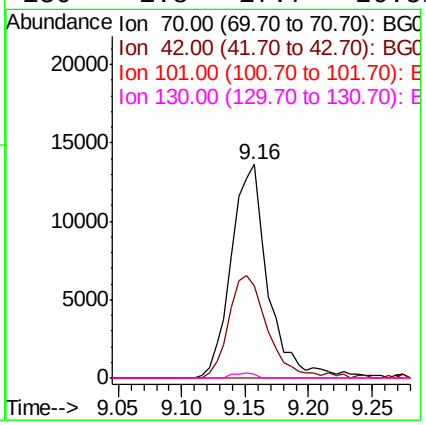


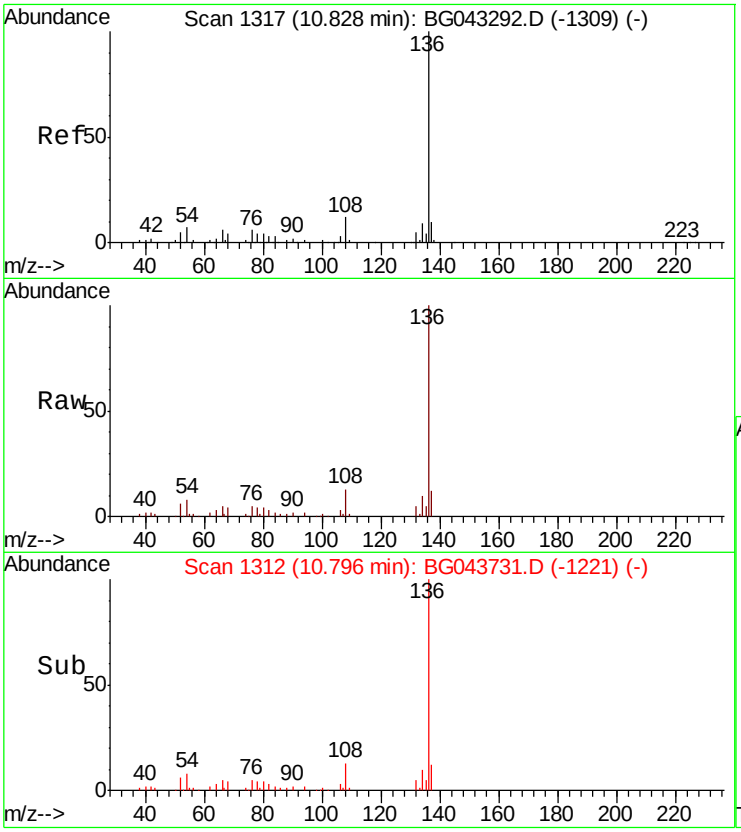


#19
n-Nitroso-di-n-propylamine
Concen: 19.897 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.36 min
Lab File: BG043731.D
Acq: 20 Nov 2019 17:12

Tgt Ion: 70 Resp: 27117

Ion	Ratio	Lower	Upper
70	100		
42	43.2	49.7	74.5#
101	0.0	9.7	14.5#
130	1.8	17.7	26.5#



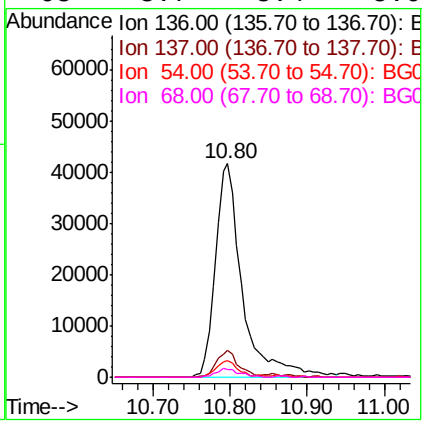


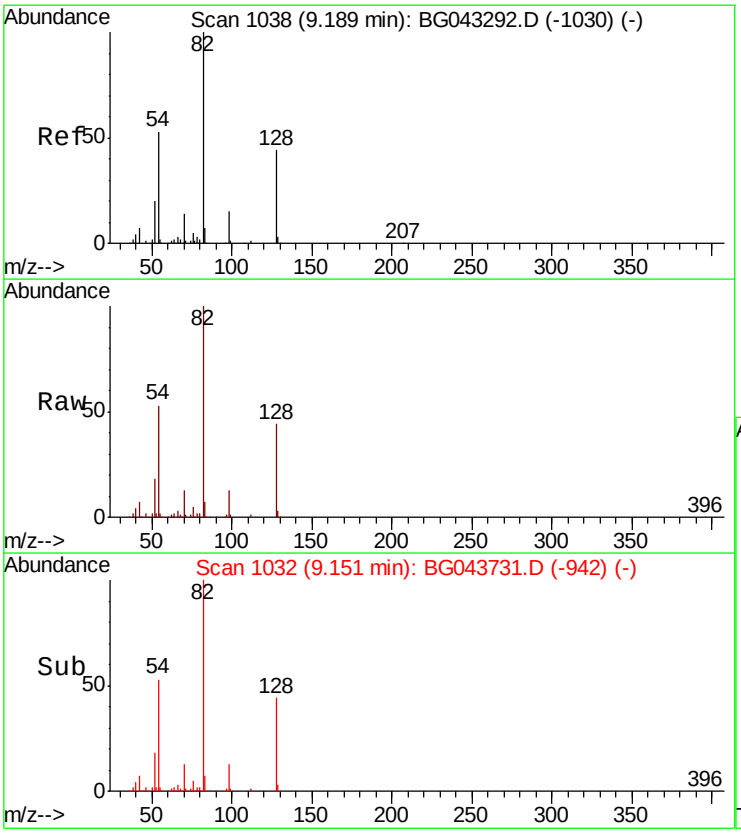
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG043731.D
Acq: 20 Nov 2019 17:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 100377

Ion	Ratio	Lower	Upper
136	100		
137	12.3	8.8	13.2
54	7.8	6.2	9.2
68	3.7	3.4	5.0

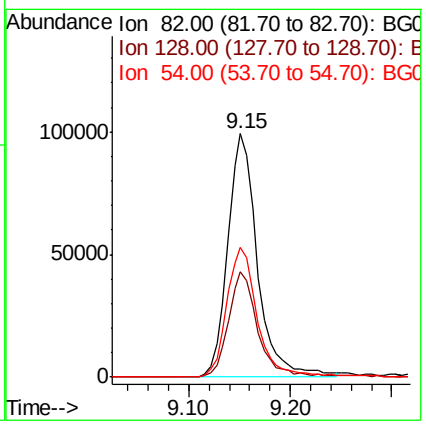


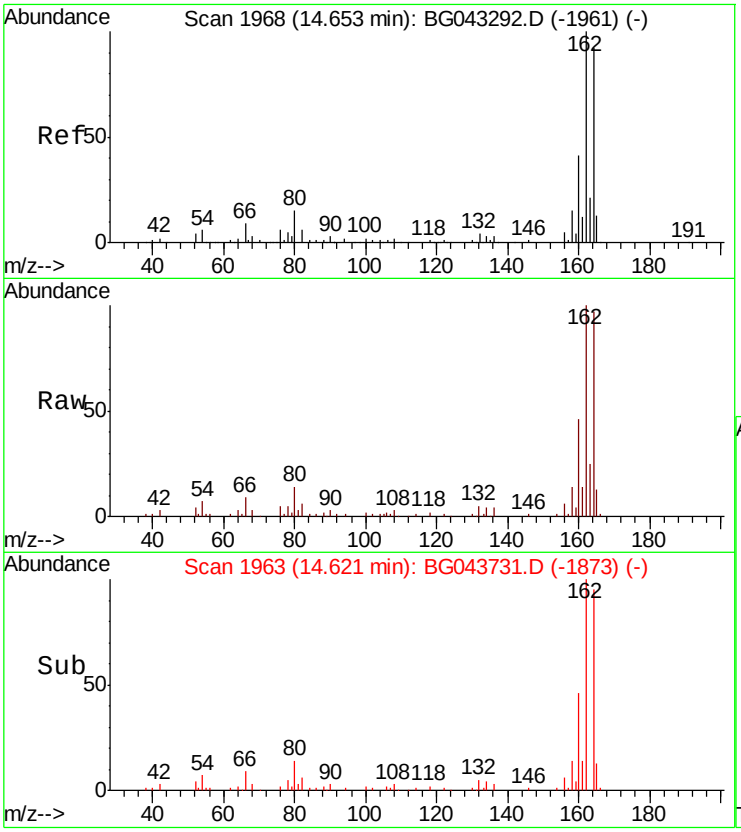


#23
Nitrobenzene-d5
Concen: 103.484 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043731.D
Acq: 20 Nov 2019 17:12

Tgt Ion: 82 Resp: 201484

Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.2	51.4
54	53.5	44.7	67.1



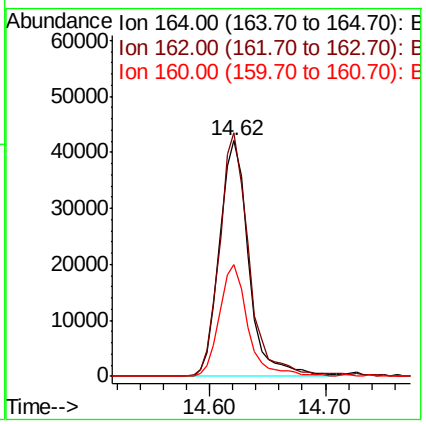


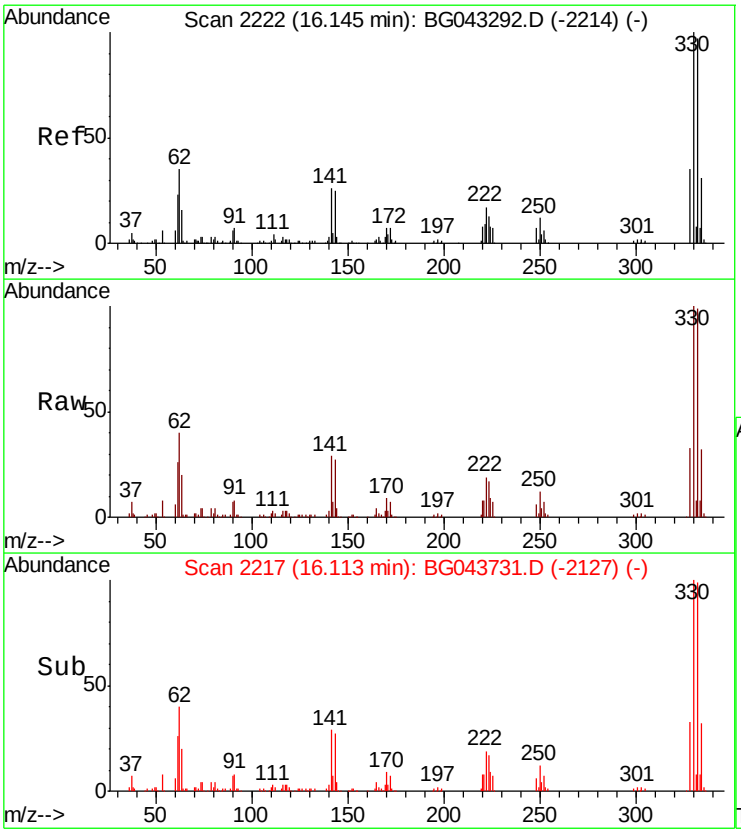
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG043731.D
Acq: 20 Nov 2019 17:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 74076

Ion	Ratio	Lower	Upper
164	100		
162	103.3	79.4	119.2
160	47.6	36.3	54.5

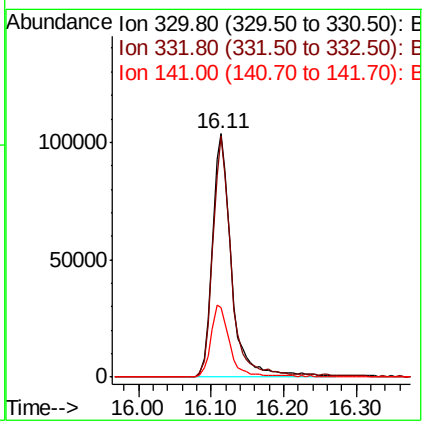


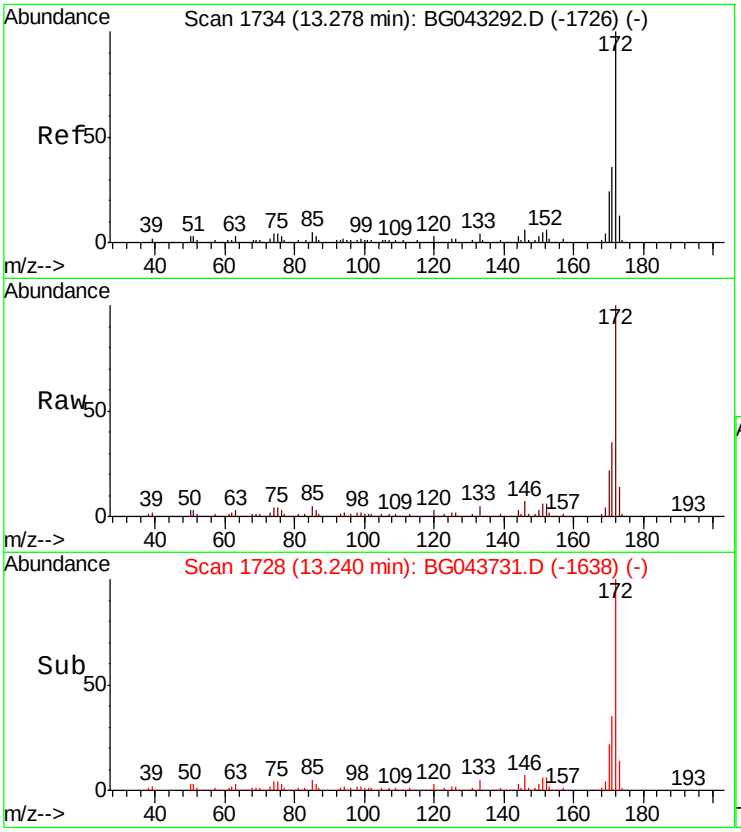


#42
2,4,6-Tribromophenol
Concen: 134.962 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BG043731.D
Acq: 20 Nov 2019 17:12

Tgt Ion:330 Resp: 190252

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	115.0
141	29.2	23.4	35.2



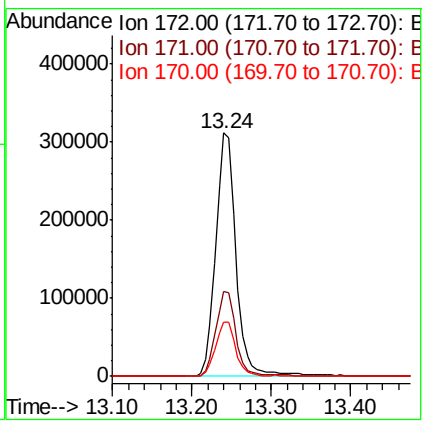


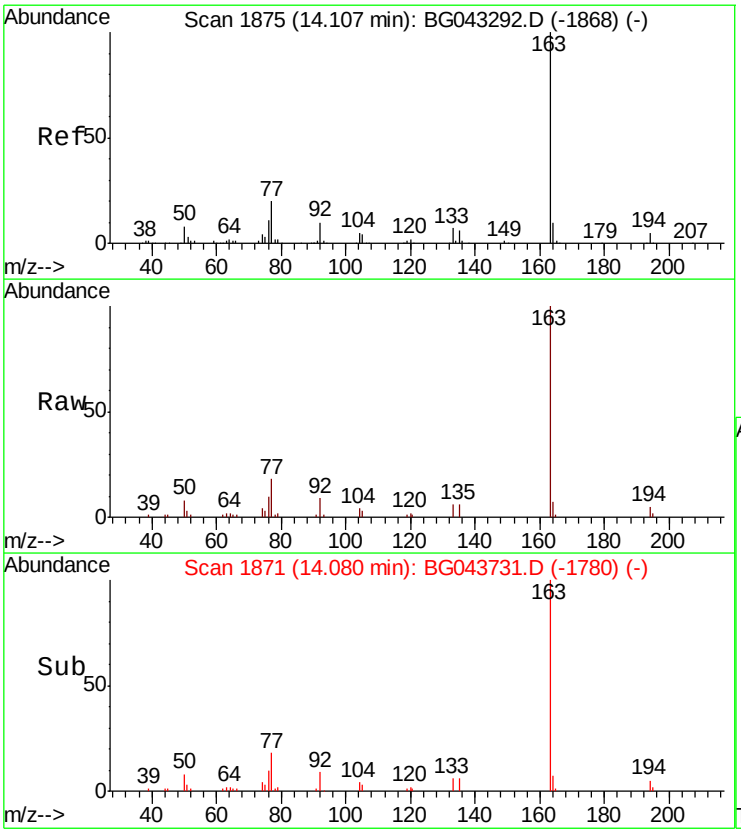
#45
2-Fluorobiphenyl
Concen: 103.569 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG043731.D
Acq: 20 Nov 2019 17:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 555216

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.1	42.1
170	22.0	18.8	28.2

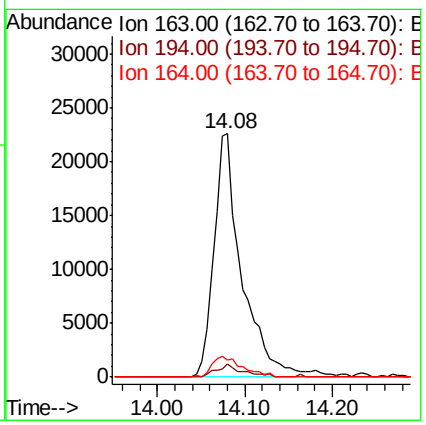


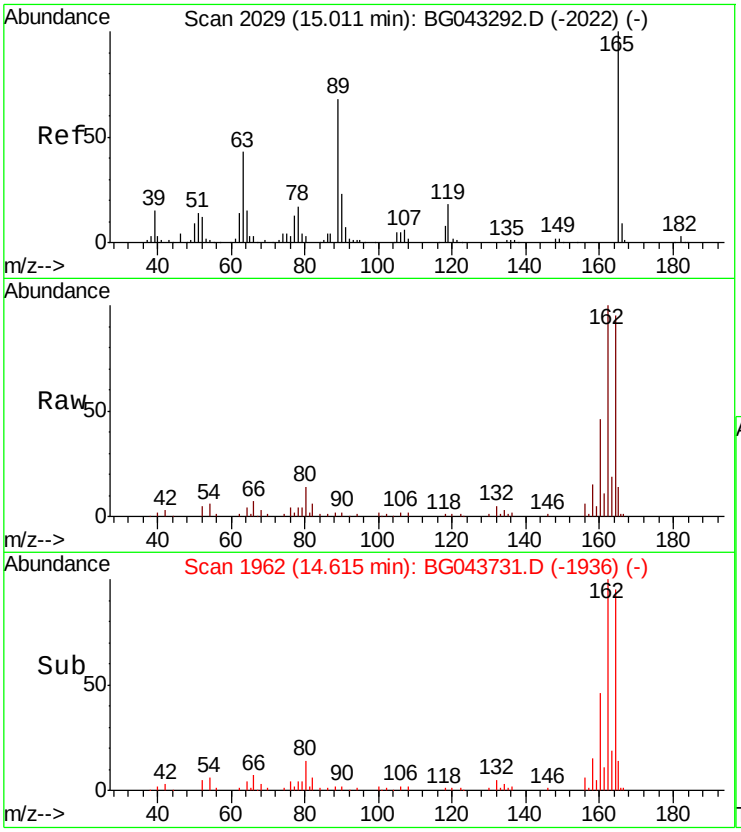


#50
Dimethylphthalate
Concen: 8.690 ng
RT: 14.08 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BG043731.D
Acq: 20 Nov 2019 17:12

Tgt Ion:163 Resp: 49859

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.8	5.8
164	6.9	8.5	12.7#



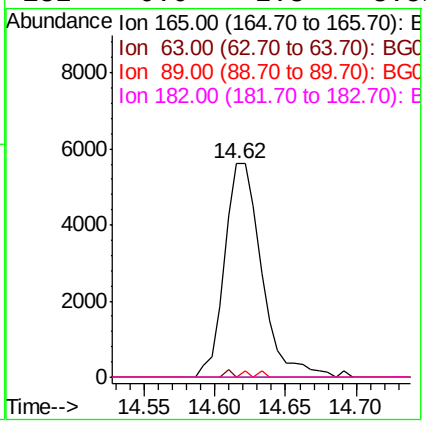


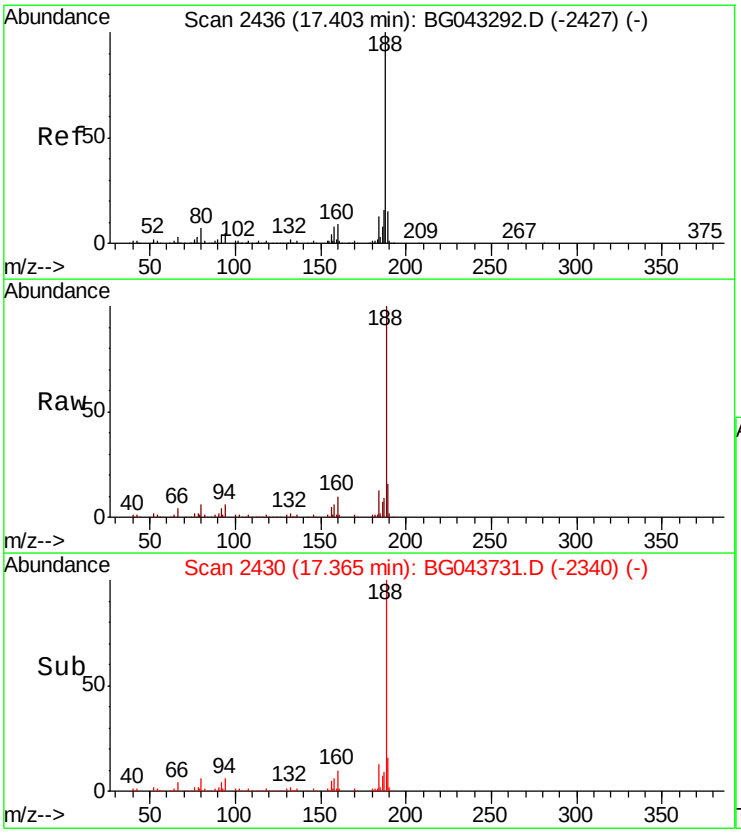
#57
2,4-Dinitrotoluene
Concen: 5.767 ng
RT: 14.62 min Scan# 1962
Delta R.T. -0.38 min
Lab File: BG043731.D
Acq: 20 Nov 2019 17:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 10274

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#

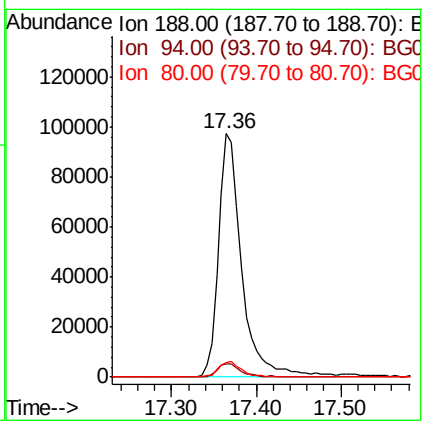


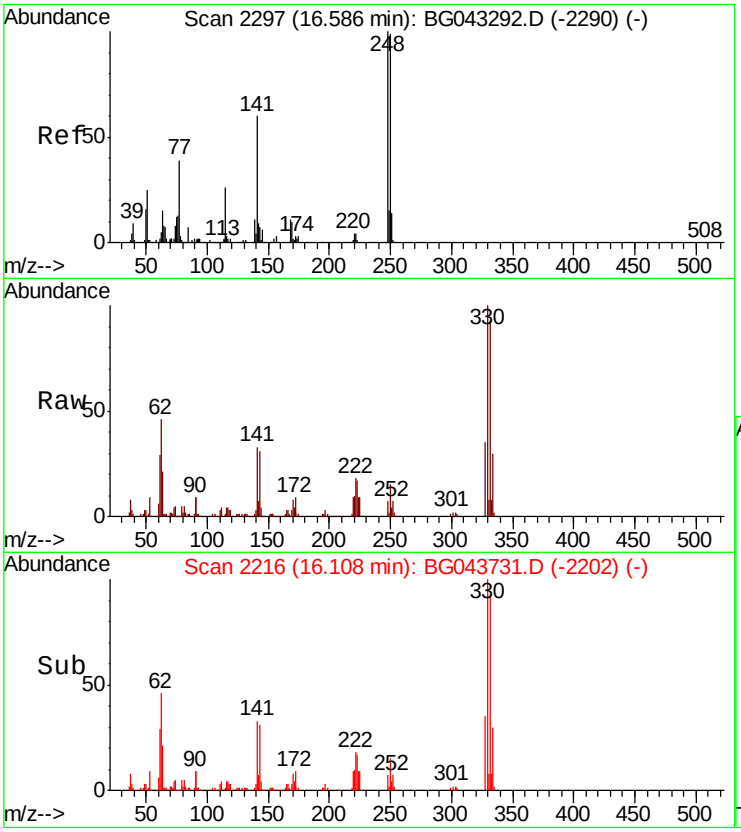


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG043731.D
Acq: 20 Nov 2019 17:12

Tgt Ion:188 Resp: 186383

Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.6	7.0
80	5.9	5.2	7.8



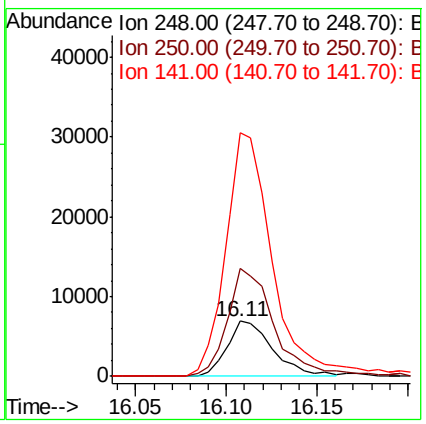


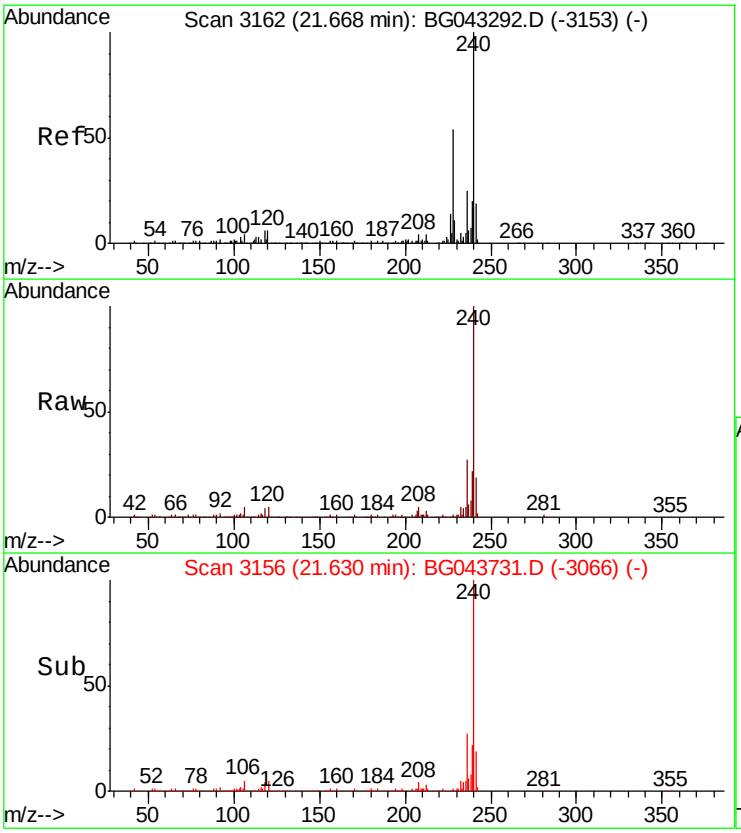
#67
4-Bromophenyl-phenylether
Concen: 4.815 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.45 min
Lab File: BG043731.D
Acq: 20 Nov 2019 17:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 12077

Ion	Ratio	Lower	Upper
248	100		
250	196.2	76.3	114.5#
141	441.4	49.5	74.3#

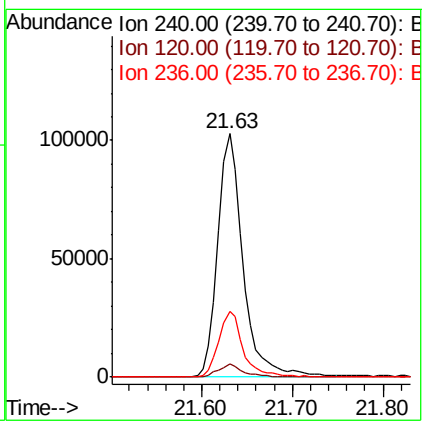


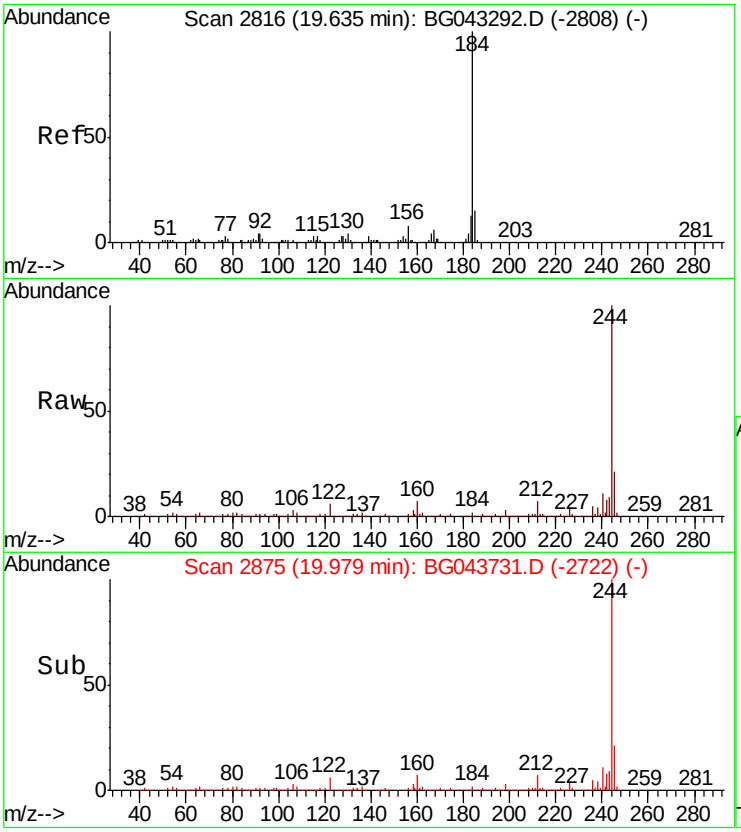


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG043731.D
Acq: 20 Nov 2019 17:12

Tgt Ion:240 Resp: 198912

Ion	Ratio	Lower	Upper
240	100		
120	5.2	4.9	7.3
236	26.8	21.4	32.0



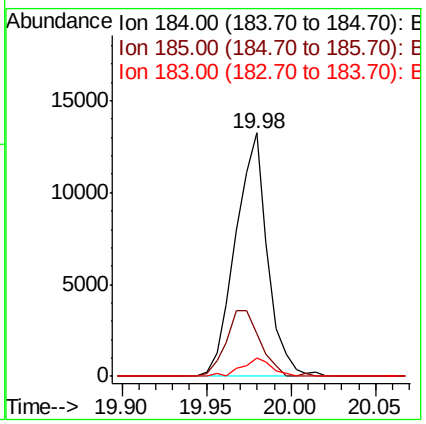


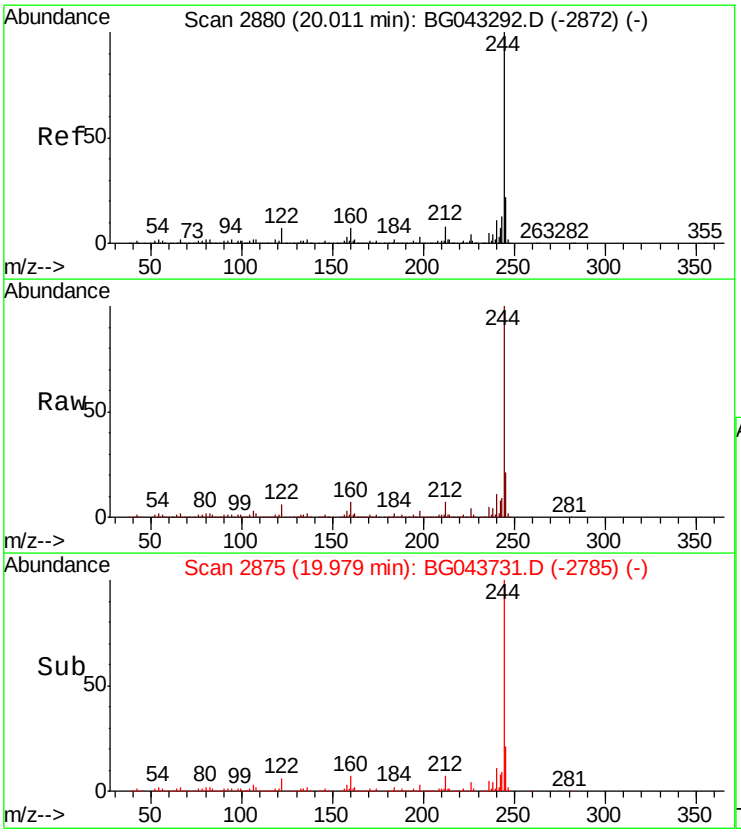
#77
Benzidine
Concen: 4.376 ng
RT: 19.98 min Scan# 2875
Delta R.T. 0.37 min
Lab File: BG043731.D
Acq: 20 Nov 2019 17:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 17517

Ion	Ratio	Lower	Upper
184	100		
185	17.7	12.7	19.1
183	7.8	8.8	13.2#

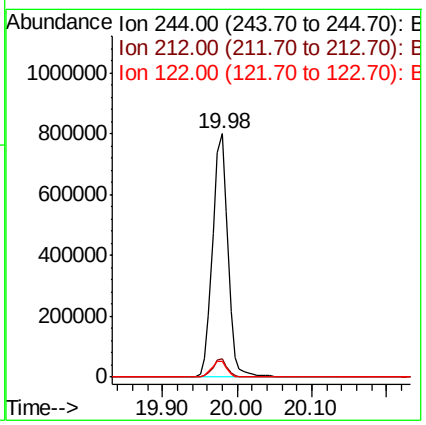


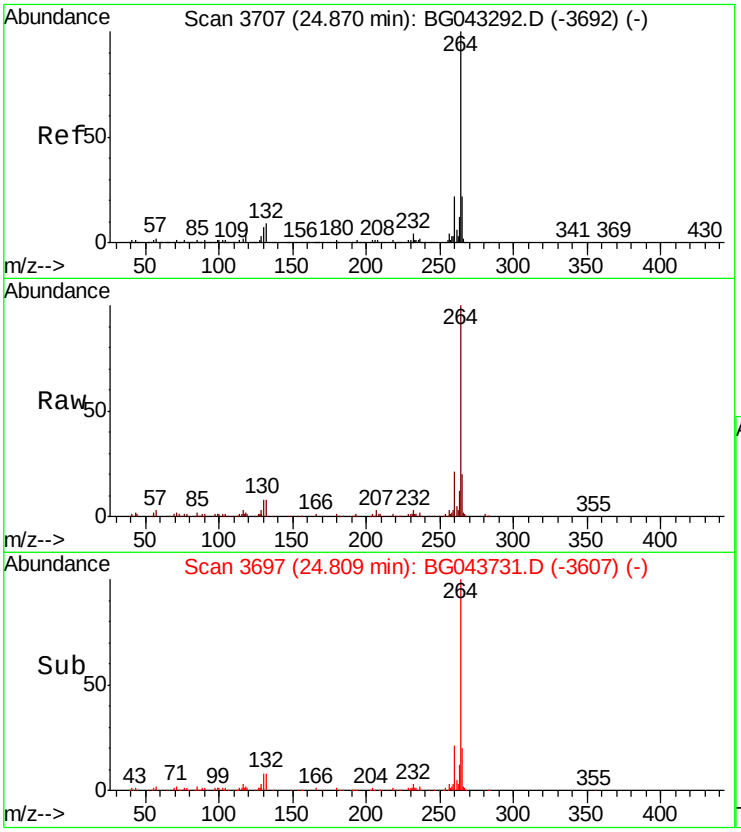


#79
Terphenyl-d14
Concen: 107.259 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BG043731.D
Acq: 20 Nov 2019 17:12

Tgt Ion:244 Resp: 1137229

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.6	8.4
122	6.4	5.2	7.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.81 min Scan# 3697
Delta R.T. -0.00 min
Lab File: BG043731.D
Acq: 20 Nov 2019 17:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 231529

Ion	Ratio	Lower	Upper
264	100		
260	21.2	18.4	27.6
265	19.9	15.8	23.8