Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
Data File : BG043715.D
Acq On : 20 Nov 2019 3:22
Operator : JU
Sample : K5676-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 20 03:58:16 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	26909	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	97680	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	71079	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	189814	20.00	ng	0.00
76) Chrysene-d12	21.63	240	215736	20.00	ng	0.00
87) Perylene-d12	24.81	264	248167	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	202515	137.91	ng	0.00
7) Phenol-d6	7.19	99	263791	124.85	ng	0.00
23) Nitrobenzene-d5	9.15	82	166846	88.06	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	177379	131.14	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	457608	88.96	ng	0.00
79) Terphenyl-d14	19.98	244	1061819	92.34	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	4303	7.519	ng	# 1
10) Phenol	7.21	94	14025	7.264	ng	# 79
19) n-Nitroso-di-n-propylamine	9.15	70	24095	17.649	ng	# 68
31) Naphthalene	10.85	128	12800	2.582	ng	# 93
50) Dimethylphthalate	14.08	163	36817	6.687	ng	97
54) 2,4-Dinitrophenol	14.43	184	66	7.363	ng	# 13
57) 2,4-Dinitrotoluene	14.62	165	10132	5.927	ng	# 25
67) 4-Bromophenyl-phenylether	16.11	248	11519	4.509	ng	# 1

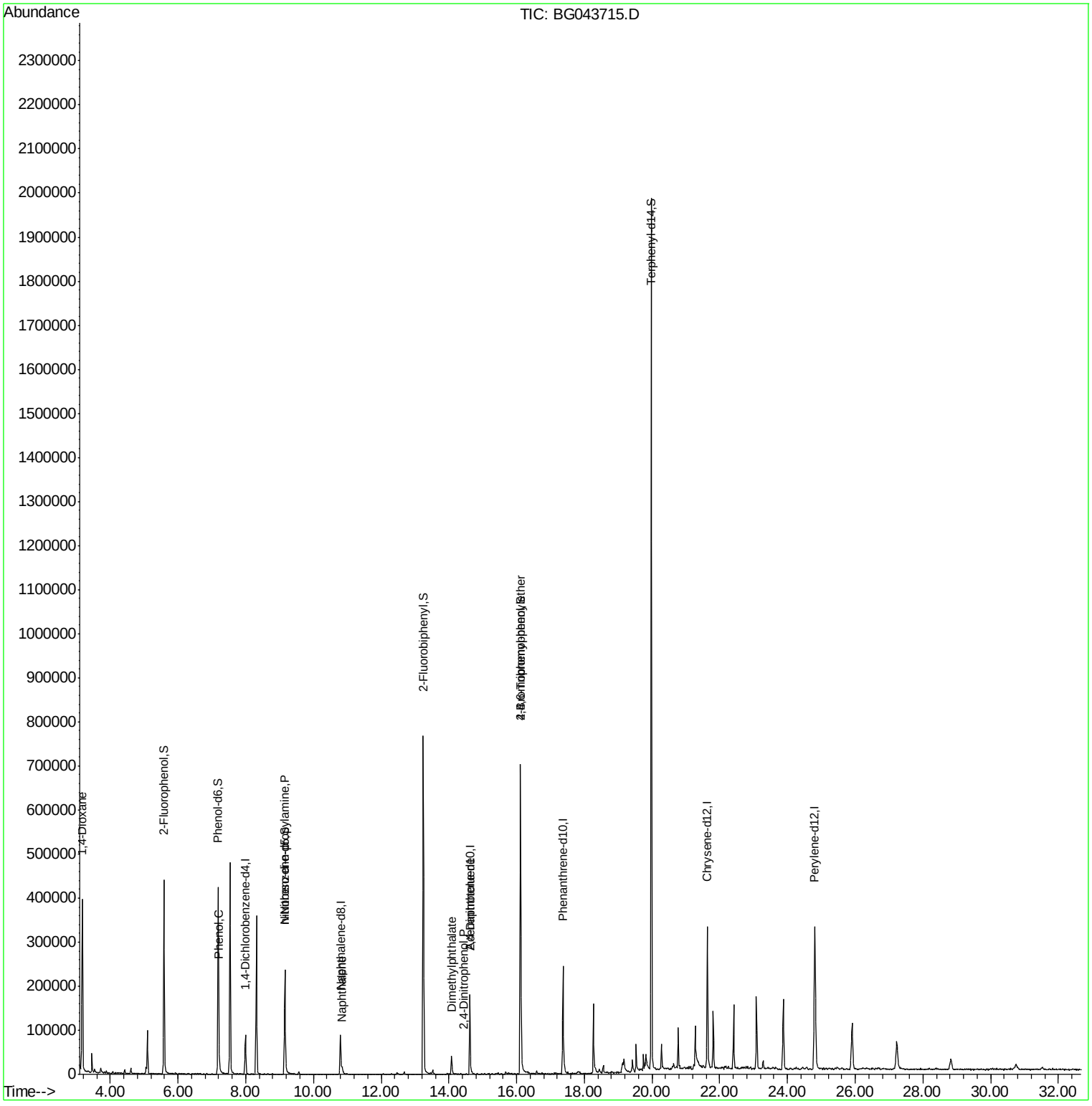
(#) = qualifier out of range (m) = manual integration (+) = signals summed

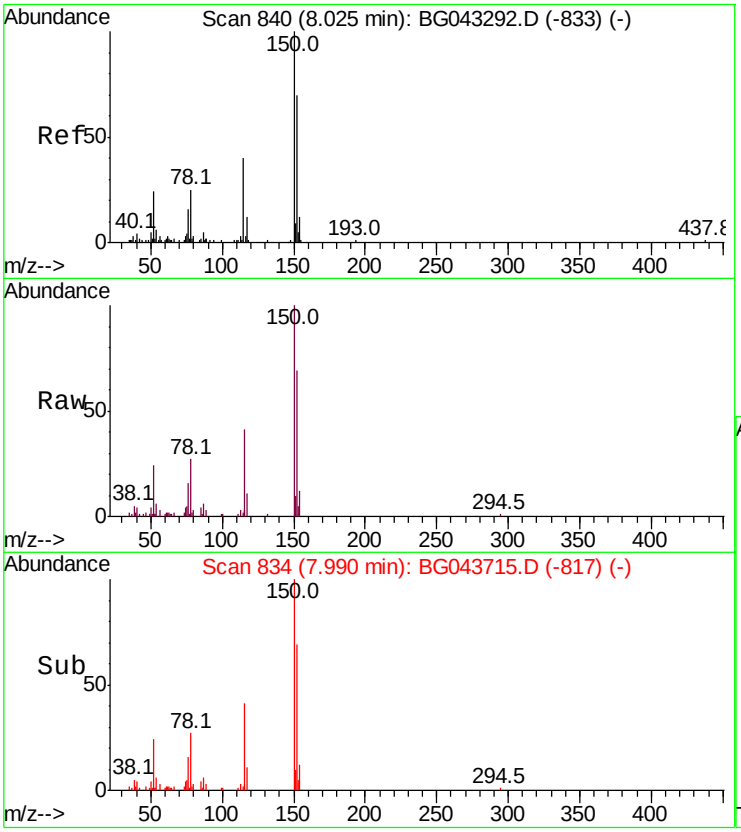
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
Data File : BG043715.D
Acq On : 20 Nov 2019 3:22
Operator : JU
Sample : K5676-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 20 03:58:16 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



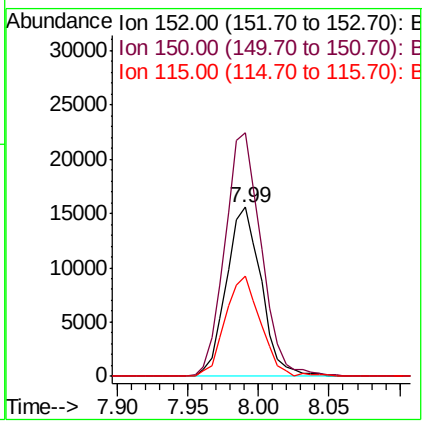


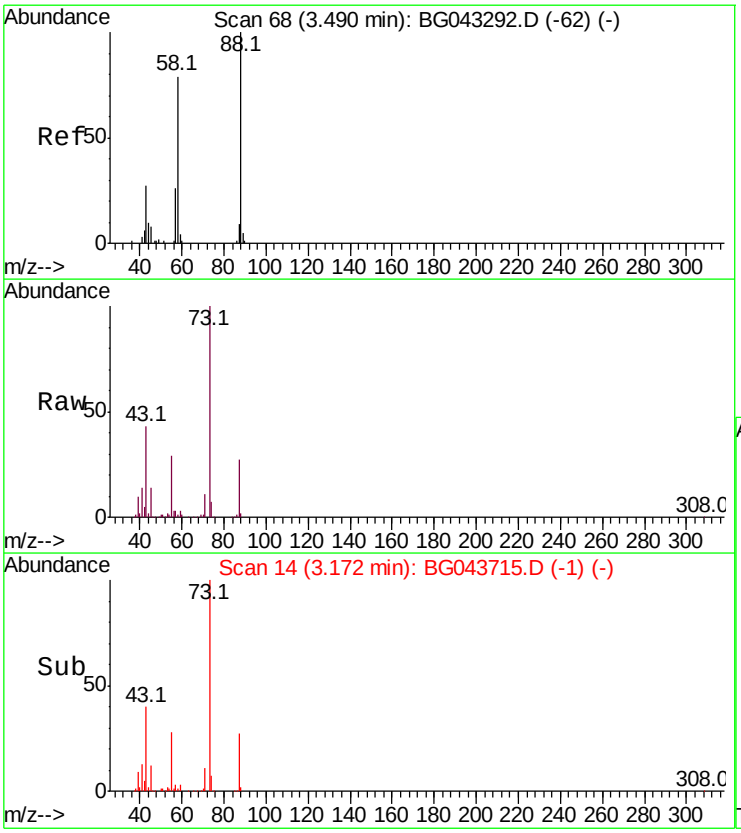
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG043715.D
Acq: 20 Nov 2019 3:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 26909

Ion	Ratio	Lower	Upper
152	100		
150	143.9	116.6	175.0
115	59.3	40.5	60.7

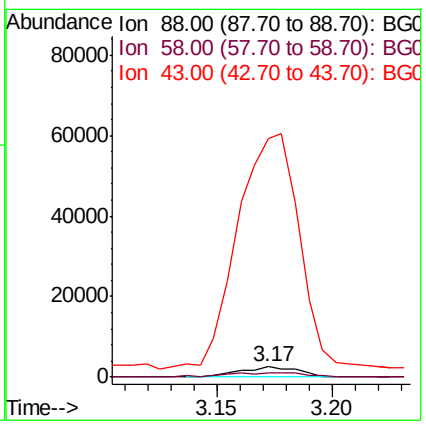


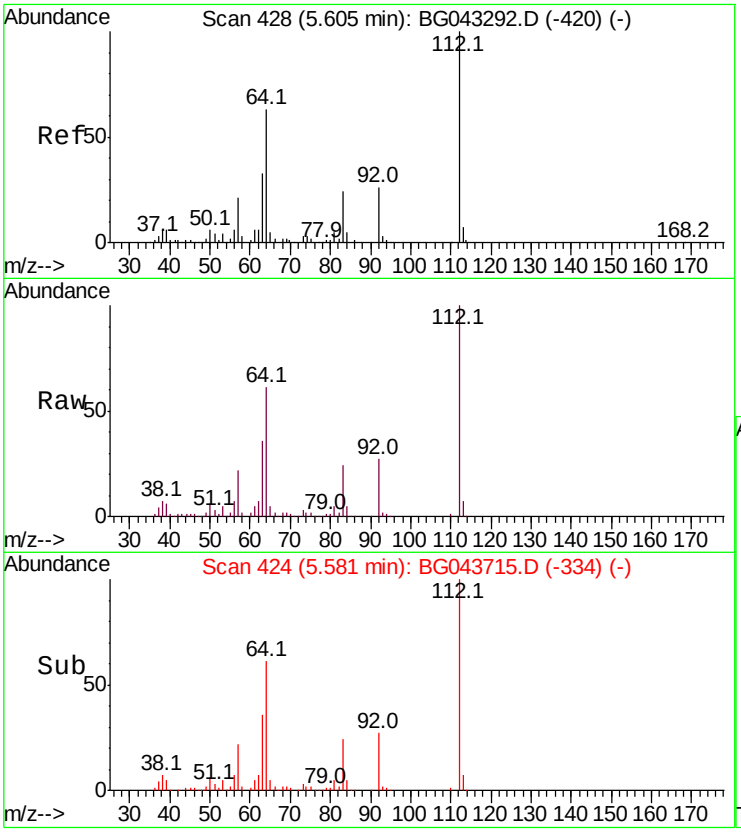


#2
1,4-Dioxane
Concen: 7.519 ng
RT: 3.17 min Scan# 14
Delta R.T. -0.28 min
Lab File: BG043715.D
Acq: 20 Nov 2019 3:22

Tgt Ion: 88 Resp: 4303

Ion	Ratio	Lower	Upper
88	100		
58	65.2	62.2	93.4
43	2485.2	30.1	45.1#



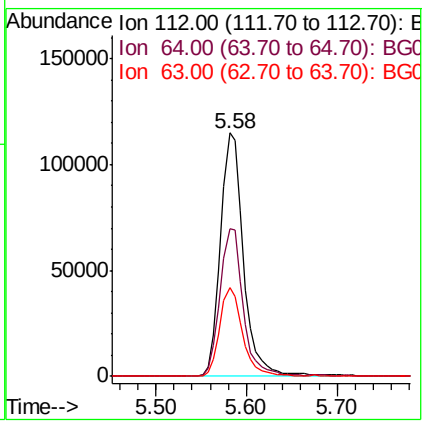


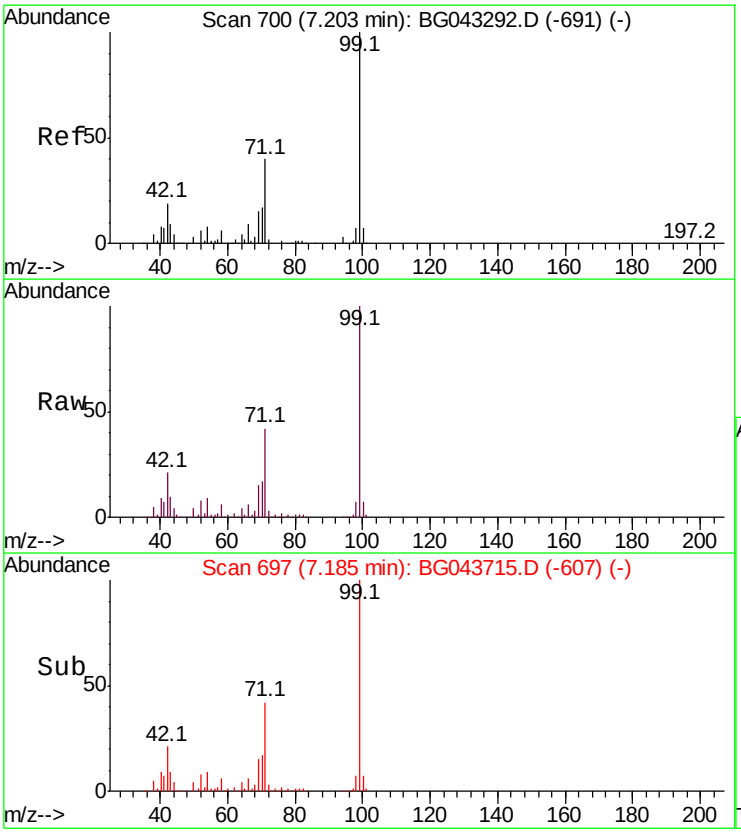
#5
2-Fluorophenol
Concen: 137.909 ng
RT: 5.58 min Scan# 424
Delta R.T. 0.00 min
Lab File: BG043715.D
Acq: 20 Nov 2019 3:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 202515

Ion	Ratio	Lower	Upper
112	100		
64	60.9	50.6	75.8
63	36.4	30.5	45.7

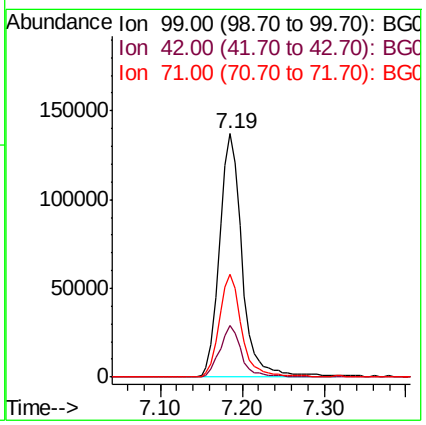


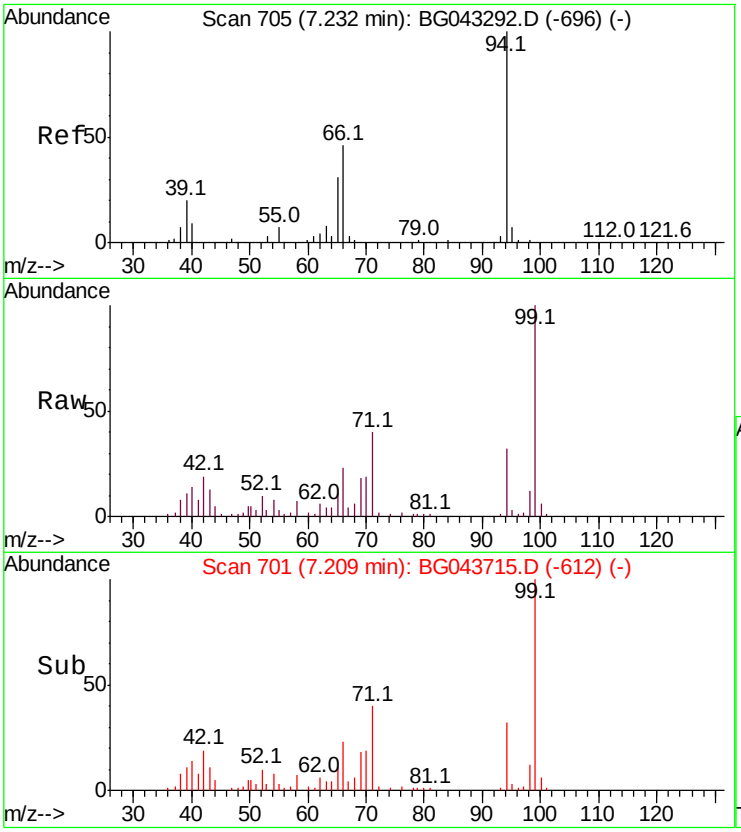


#7
Phenol-d6
Concen: 124.855 ng
RT: 7.19 min Scan# 697
Delta R.T. 0.00 min
Lab File: BG043715.D
Acq: 20 Nov 2019 3:22

Tgt Ion: 99 Resp: 263791

Ion	Ratio	Lower	Upper
99	100		
42	21.2	15.8	23.8
71	42.2	34.4	51.6



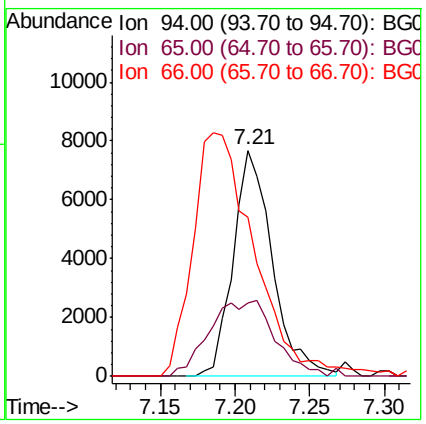


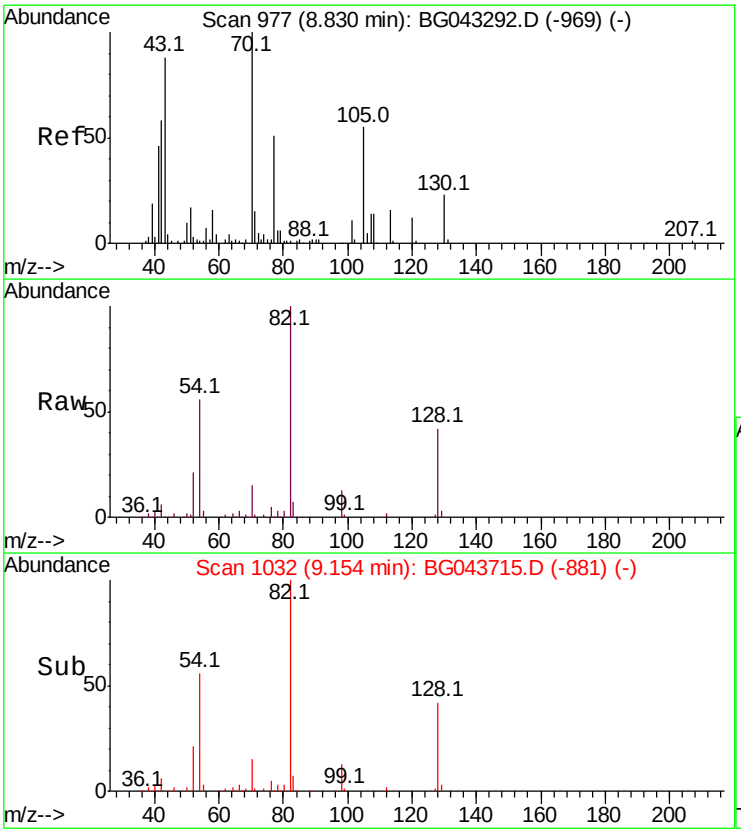
#10
Phenol
Concen: 7.264 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.01 min
Lab File: BG043715.D
Acq: 20 Nov 2019 3:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 14025

Ion	Ratio	Lower	Upper
94	100		
65	32.6	11.4	51.4
66	70.6	28.4	68.4#

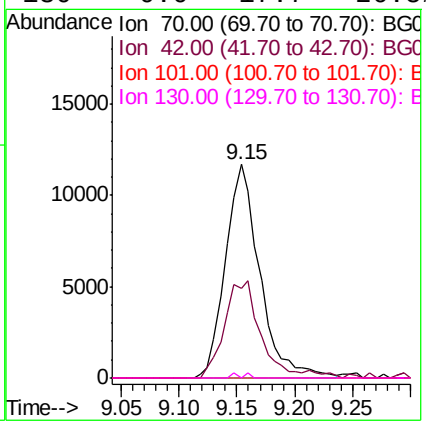


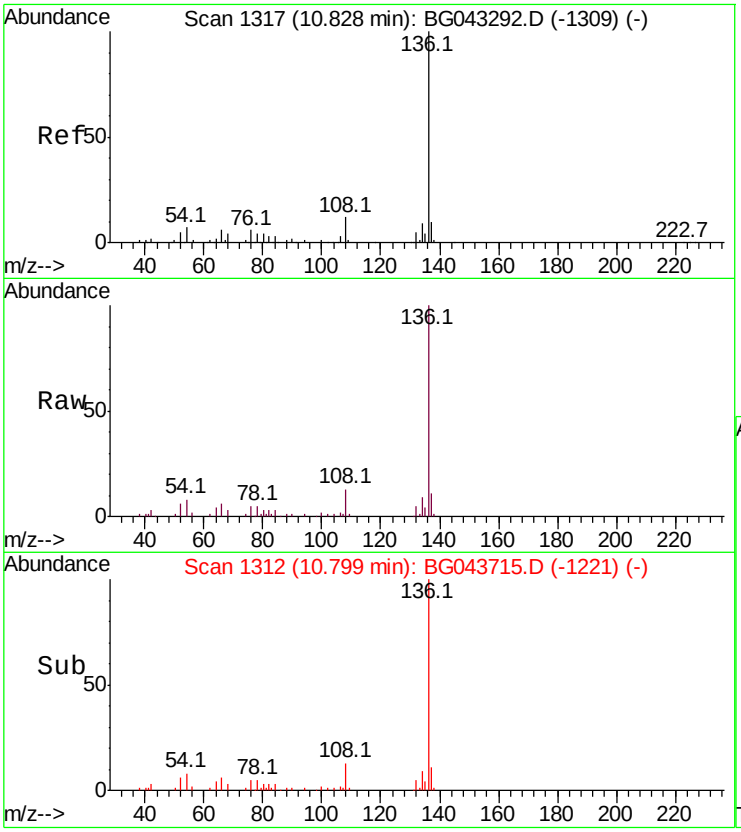


#19
n-Nitroso-di-n-propylamine
Concen: 17.649 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.36 min
Lab File: BG043715.D
Acq: 20 Nov 2019 3:22

Tgt Ion: 70 Resp: 24095

Ion	Ratio	Lower	Upper
70	100		
42	41.7	49.7	74.5#
101	0.0	9.7	14.5#
130	0.0	17.7	26.5#



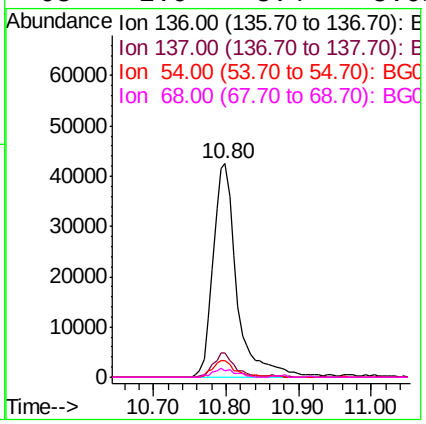


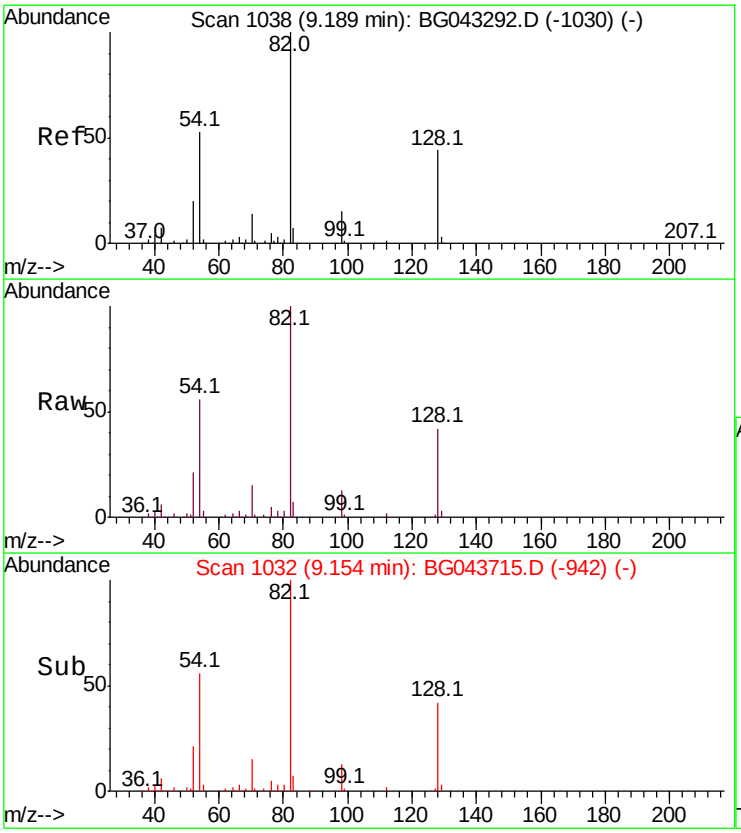
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BG043715.D
Acq: 20 Nov 2019 3:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 97680

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	8.0	6.2	9.2
68	2.9	3.4	5.0#

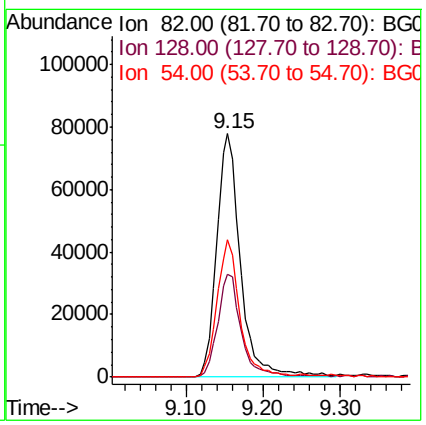


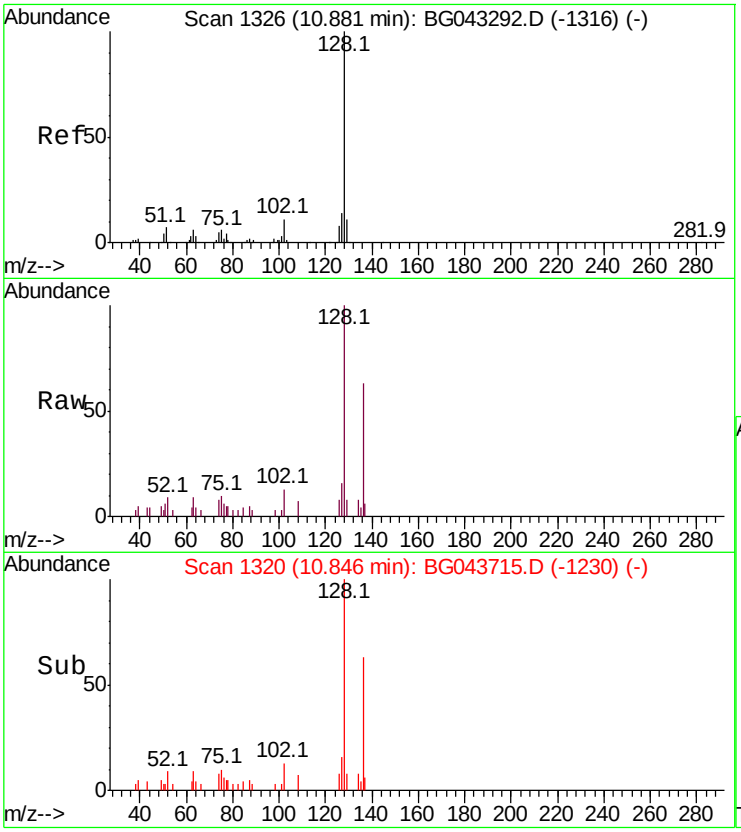


#23
Nitrobenzene-d5
Concen: 88.060 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG043715.D
Acq: 20 Nov 2019 3:22

Tgt Ion: 82 Resp: 166846

Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.2	51.4
54	56.3	44.7	67.1



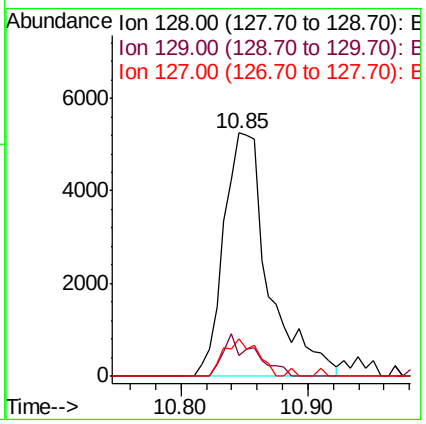


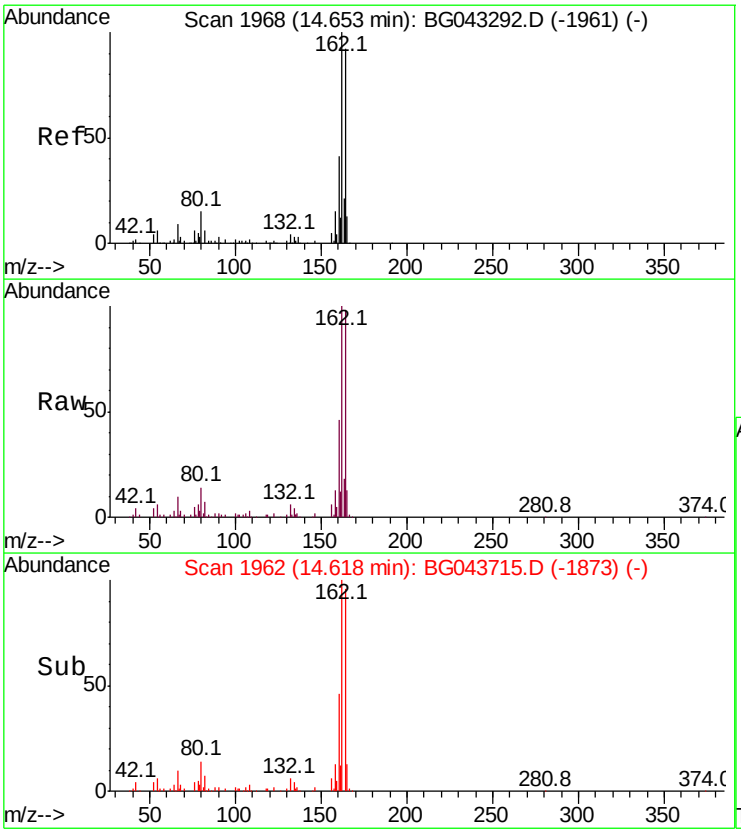
#31
Naphthalene
Concen: 2.582 ng
RT: 10.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BG043715.D
Acq: 20 Nov 2019 3:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 12800

Ion	Ratio	Lower	Upper
128	100		
129	8.5	9.5	14.3#
127	15.7	11.0	16.4

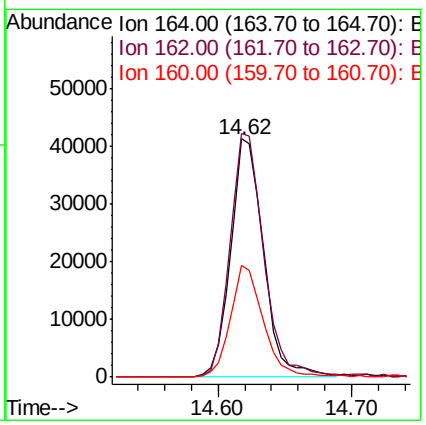


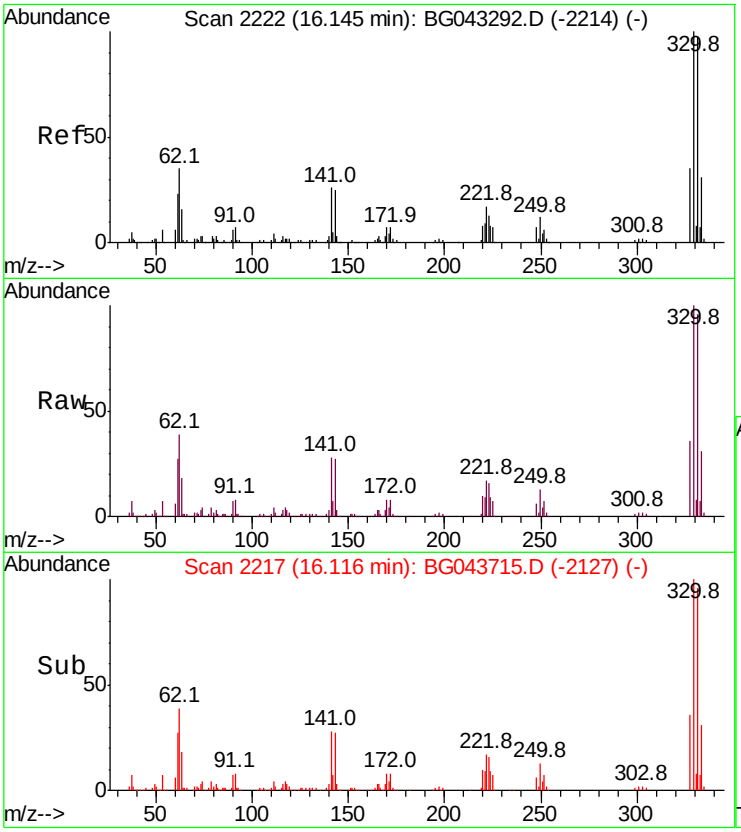


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BG043715.D
Acq: 20 Nov 2019 3:22

Tgt Ion:164 Resp: 71079

Ion	Ratio	Lower	Upper
164	100		
162	102.2	79.4	119.2
160	47.1	36.3	54.5



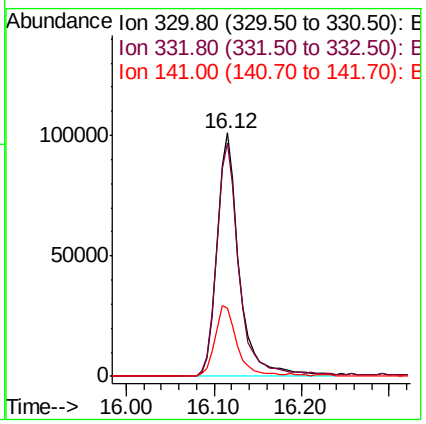


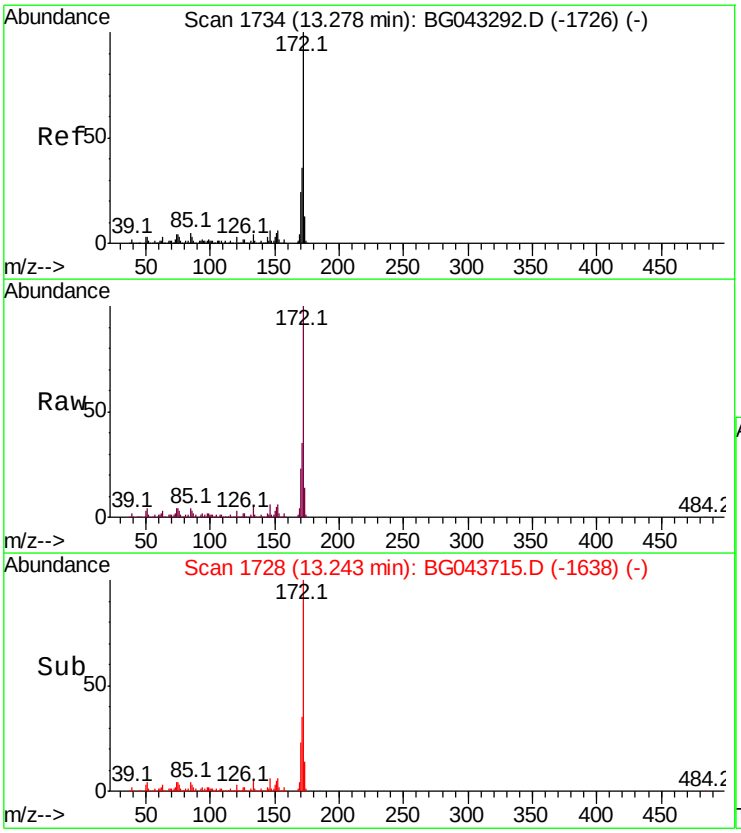
#42
2,4,6-Tribromophenol
Concen: 131.136 ng
RT: 16.12 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BG043715.D
Acq: 20 Nov 2019 3:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 177379

Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.6	115.0
141	28.9	23.4	35.2

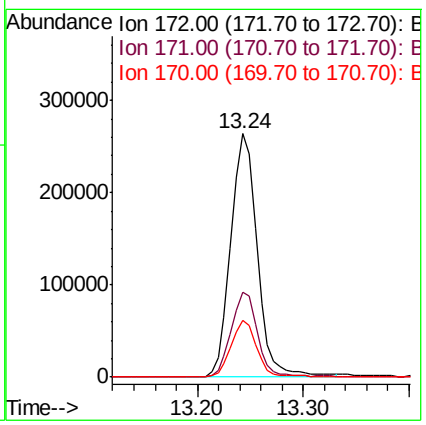


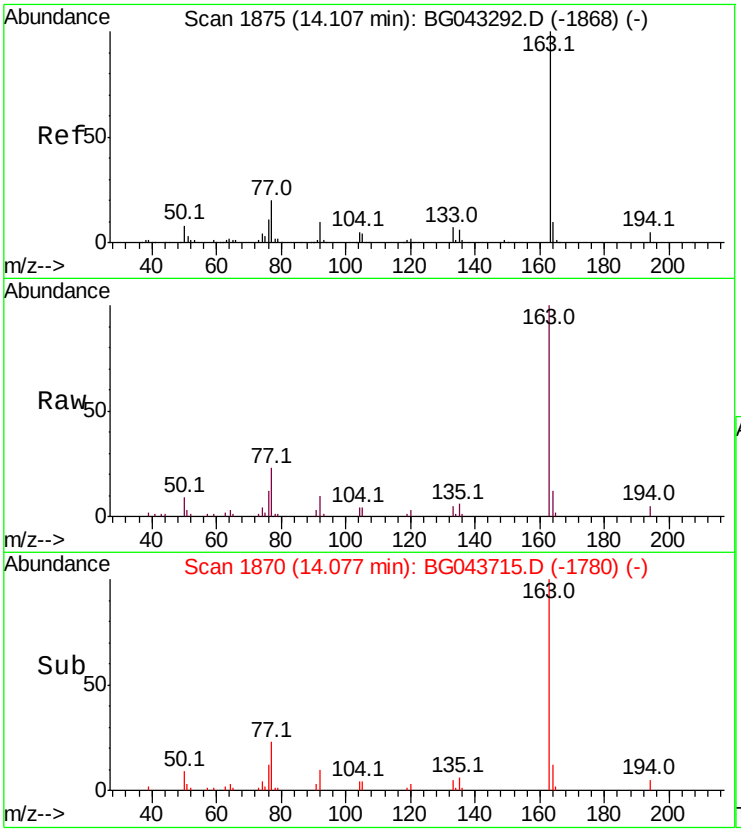


#45
2-Fluorobiphenyl
Concen: 88.961 ng
RT: 13.24 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BG043715.D
Acq: 20 Nov 2019 3:22

Tgt Ion:172 Resp: 457608

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.1	42.1
170	23.2	18.8	28.2



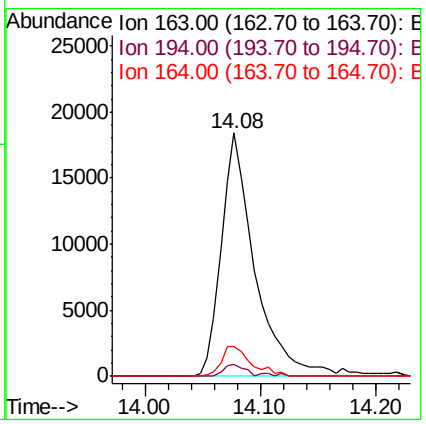


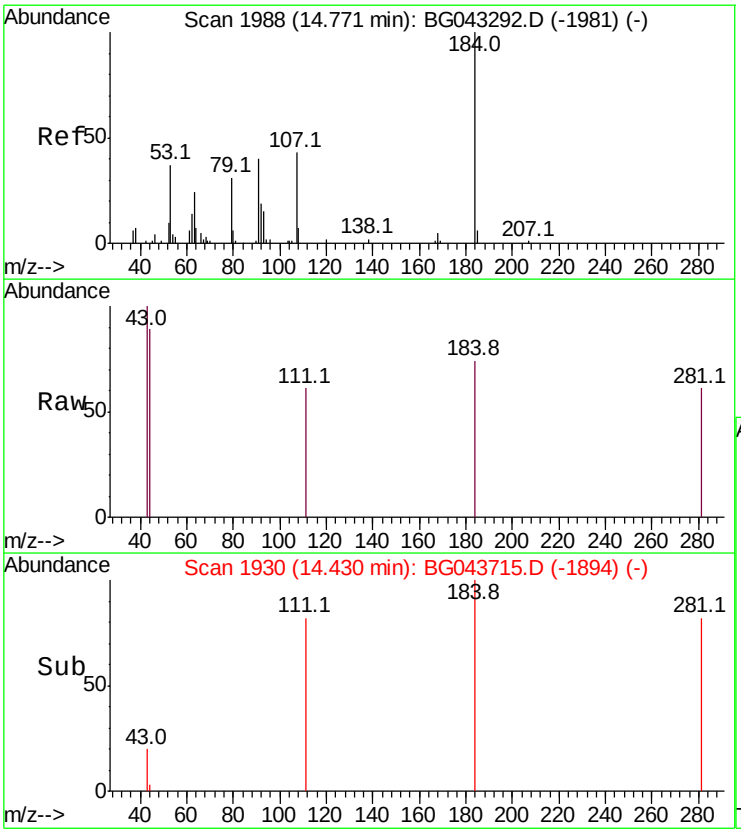
#50
Dimethylphthalate
Concen: 6.687 ng
RT: 14.08 min Scan# 1870
Delta R.T. 0.00 min
Lab File: BG043715.D
Acq: 20 Nov 2019 3:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 36817

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.8	5.8
164	12.3	8.5	12.7

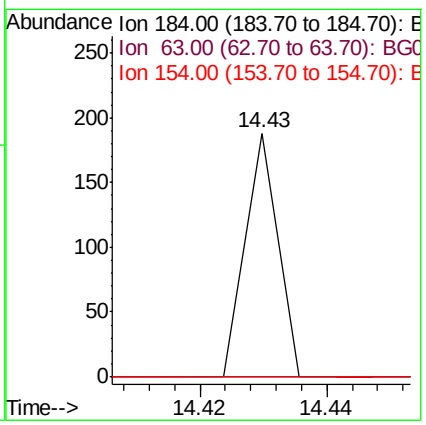


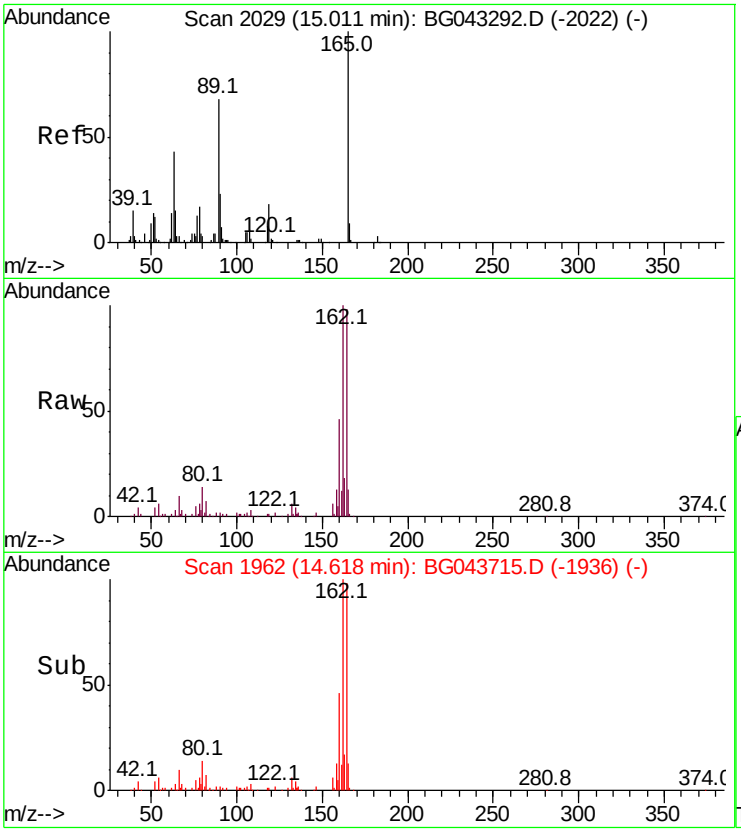


#54
2,4-Dinitrophenol
Concen: 7.363 ng
RT: 14.43 min Scan# 1930
Delta R.T. -0.32 min
Lab File: BG043715.D
Acq: 20 Nov 2019 3:22

Tgt Ion:184 Resp: 66

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.0	88.4#
154	0.0	57.4	86.2#



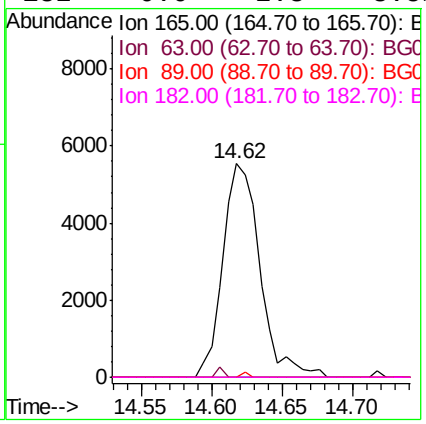


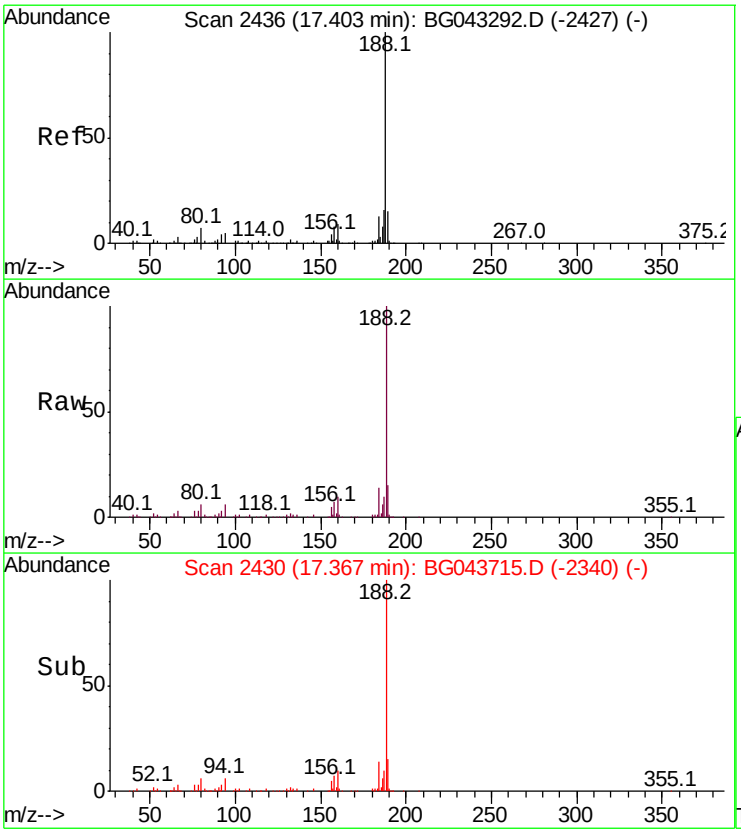
#57
2,4-Dinitrotoluene
Concen: 5.927 ng
RT: 14.62 min Scan# 1962
Delta R.T. -0.38 min
Lab File: BG043715.D
Acq: 20 Nov 2019 3:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 10132

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#

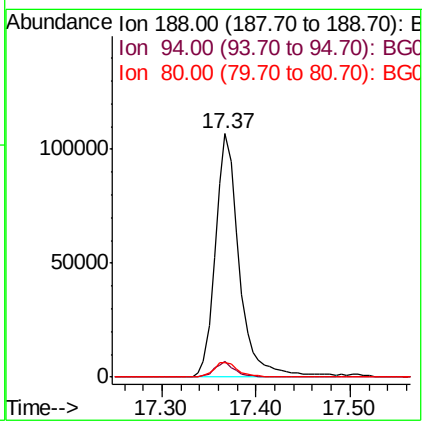


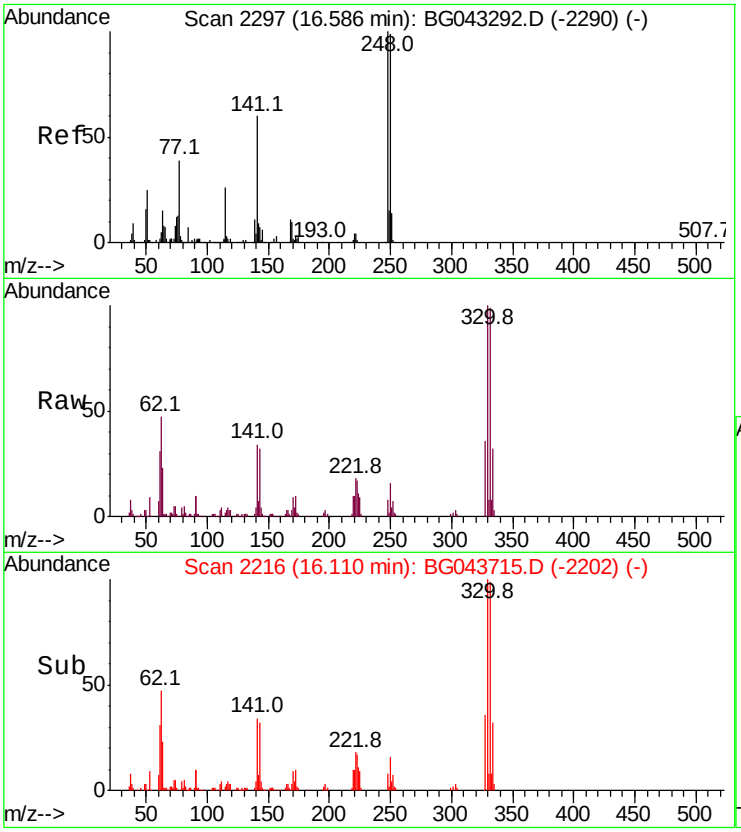


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BG043715.D
Acq: 20 Nov 2019 3:22

Tgt Ion:188 Resp: 189814

Ion	Ratio	Lower	Upper
188	100		
94	6.4	4.6	7.0
80	5.9	5.2	7.8



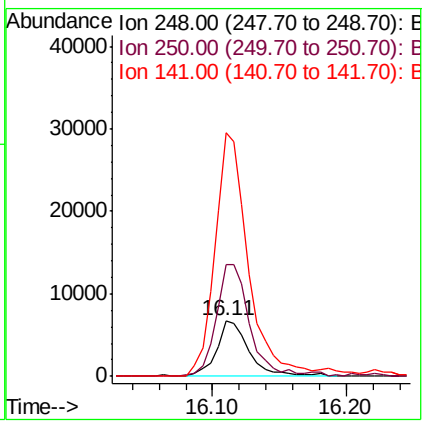


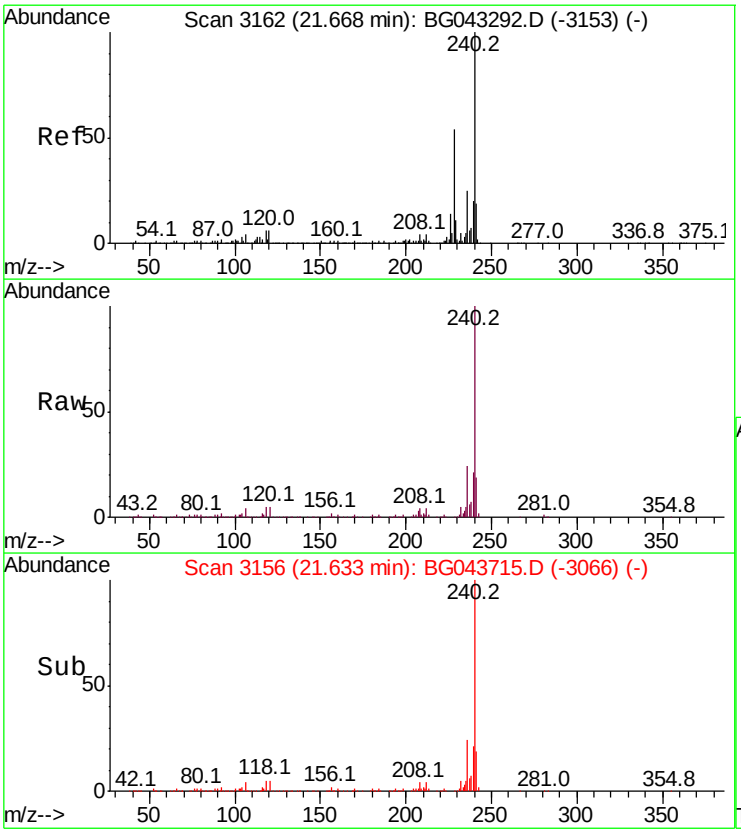
#67
4-Bromophenyl-phenylether
Concen: 4.509 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.45 min
Lab File: BG043715.D
Acq: 20 Nov 2019 3:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 11519

Ion	Ratio	Lower	Upper
248	100		
250	201.3	76.3	114.5#
141	438.8	49.5	74.3#

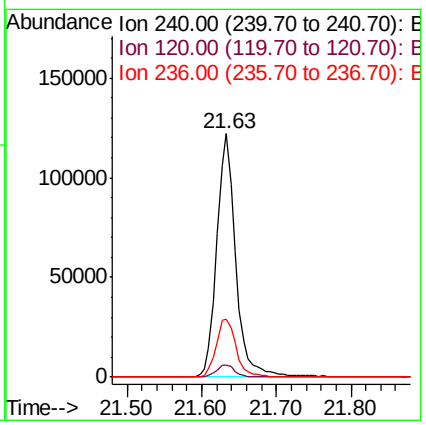


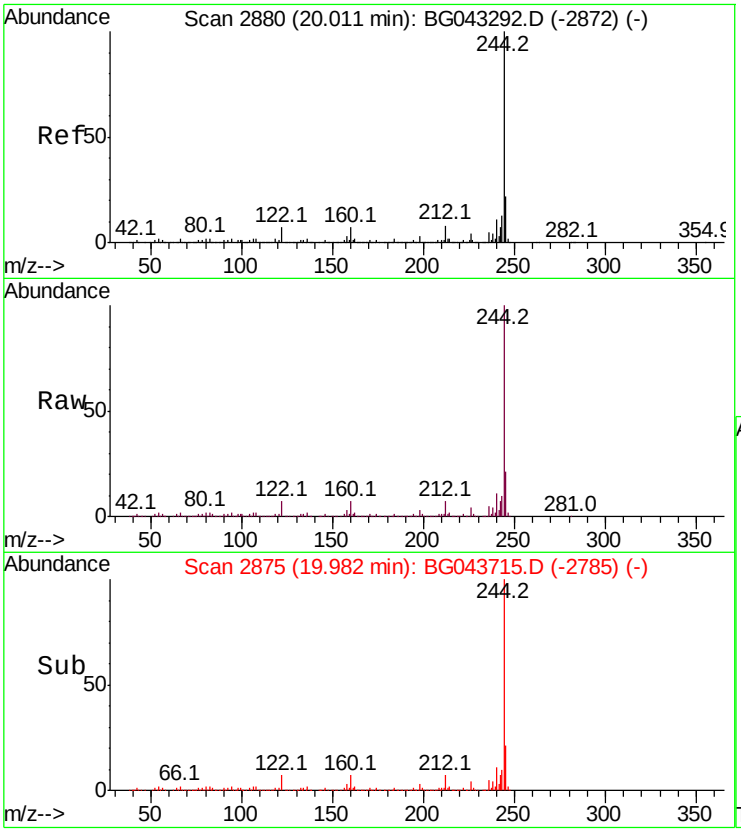


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. 0.00 min
Lab File: BG043715.D
Acq: 20 Nov 2019 3:22

Tgt Ion:240 Resp: 215736

Ion	Ratio	Lower	Upper
240	100		
120	4.8	4.9	7.3#
236	24.0	21.4	32.0



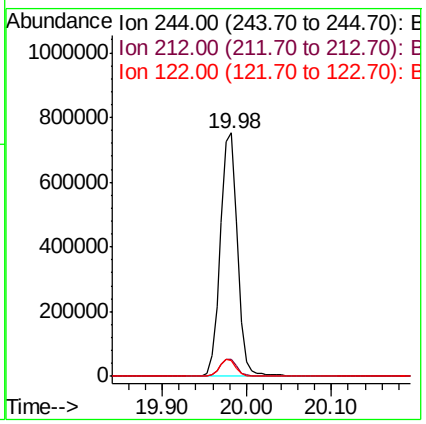


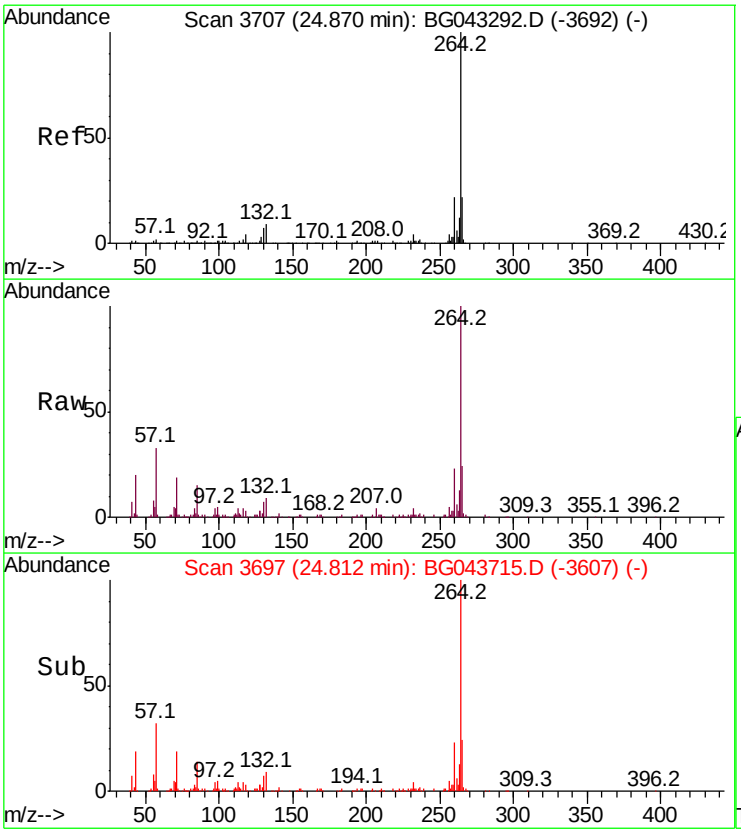
#79
Terphenyl-d14
Concen: 92.337 ng
RT: 19.98 min Scan# 2875
Delta R.T. 0.00 min
Lab File: BG043715.D
Acq: 20 Nov 2019 3:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1061819

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	6.6	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: BG043715.D
Acq: 20 Nov 2019 3:22

Tgt Ion:264 Resp: 248167

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	23.8	15.8	23.8#