Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100319\
Data File : BG043014.D
Acq On : 3 Oct 2019 16:32
Operator : JU
Sample : K5168-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2019073-SS-COMPOSITE-13

Quant Time: Oct 04 06:33:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	76321	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	288882	20.00	ng		-0.01
39) Acenaphthene-d10	14.69	164	204722	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	465230	20.00	ng		0.00
76) Chrysene-d12	21.70	240	485195	20.00	ng		-0.02
87) Perylene-d12	24.91	264	568894	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	406074	94.95	ng		0.00
7) Phenol-d6	7.24	99	594443	96.52	ng		0.00
23) Nitrobenzene-d5	9.23	82	366978	61.75	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	321461	91.32	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	841142	59.56	ng		-0.01
79) Terphenyl-d14	20.03	244	1399507	61.46	ng		-0.01
Target Compounds							Qvalue
10) Phenol	7.26	94	22573	3.995	ng		92
19) n-Nitroso-di-n-propylamine	9.23	70	50329	12.446	ng	#	75
32) Benzoic acid	10.57	122	67	2.824	ng	#	1
50) Dimethylphthalate	14.13	163	136755	8.915	ng		98
57) 2,4-Dinitrotoluene	14.69	165	26402	5.519	ng	#	26
67) 4-Bromophenyl-phenylether	16.17	248	22326	3.824	ng	#	1
75) Fluoranthene	19.47	202	70888	2.360	ng		95
78) Pyrene	19.84	202	69456	2.398	ng		97

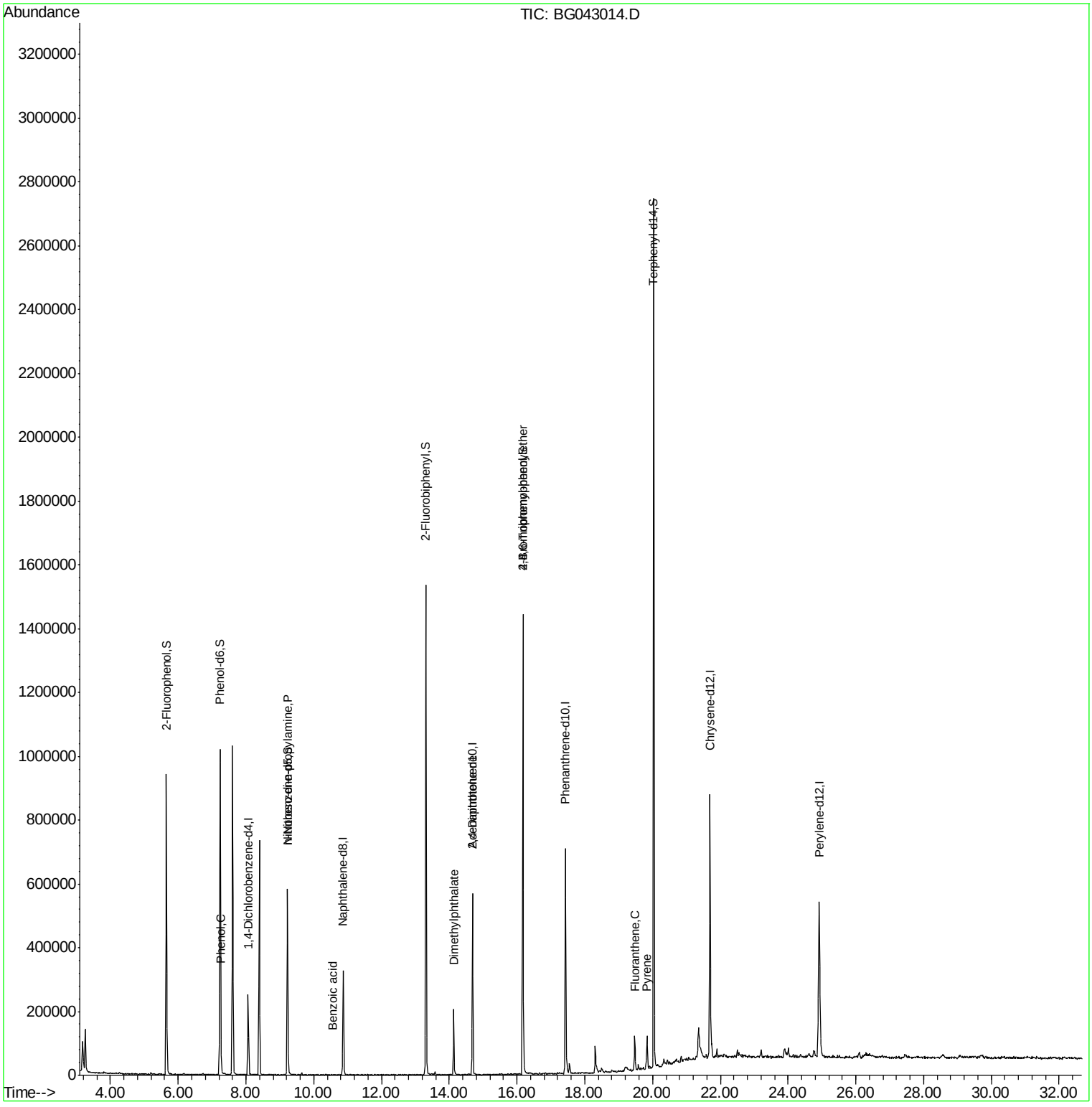
(#) = qualifier out of range (m) = manual integration (+) = signals summed

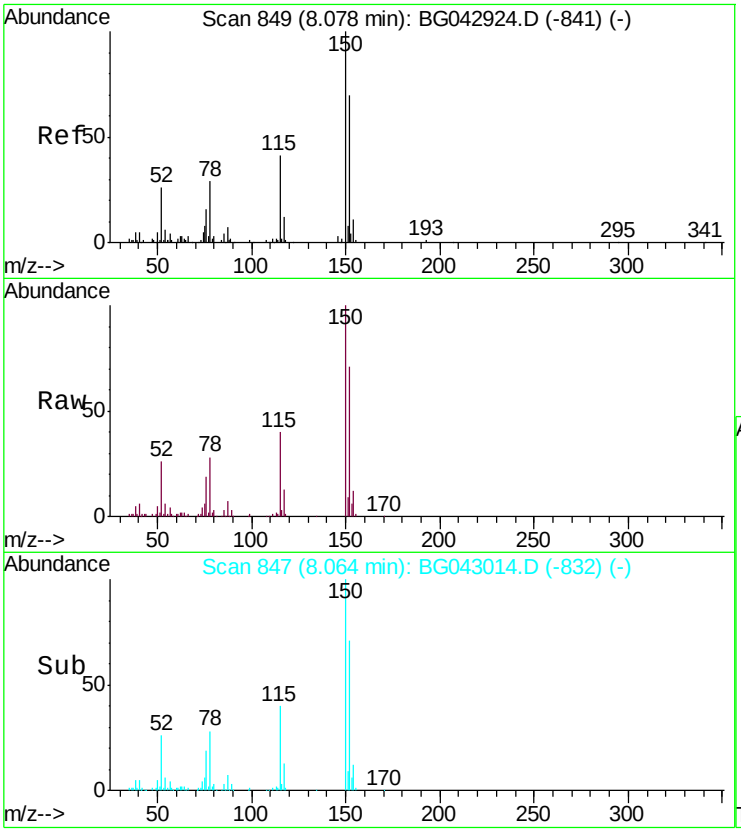
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100319\
Data File : BG043014.D
Acq On : 3 Oct 2019 16:32
Operator : JU
Sample : K5168-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13

Quant Time: Oct 04 06:33:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration



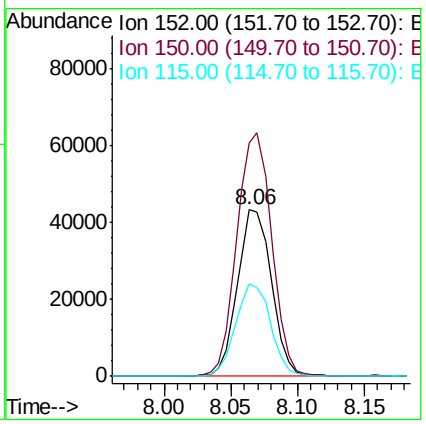


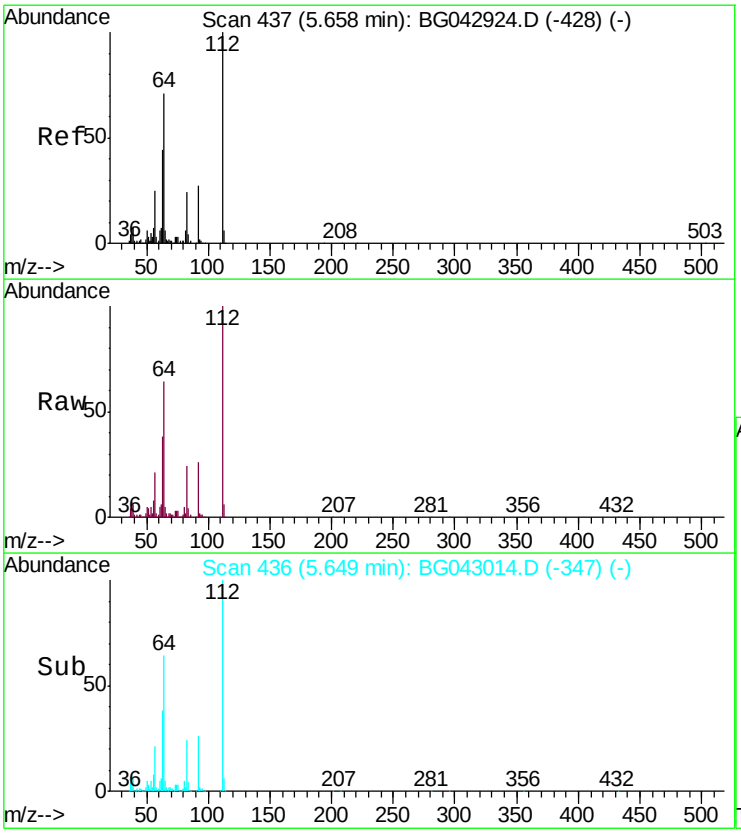
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG043014.D
Acq: 3 Oct 2019 16:32

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13

Tgt Ion:152 Resp: 76321

Ion	Ratio	Lower	Upper
152	100		
150	140.5	115.0	172.4
115	55.6	47.0	70.6

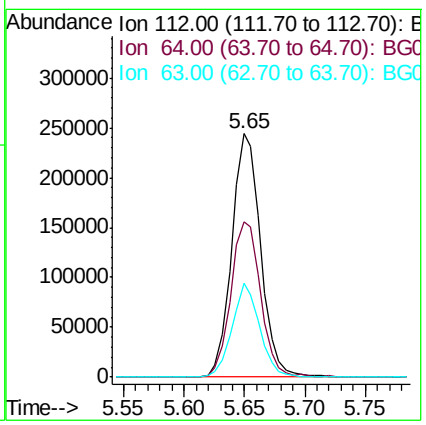


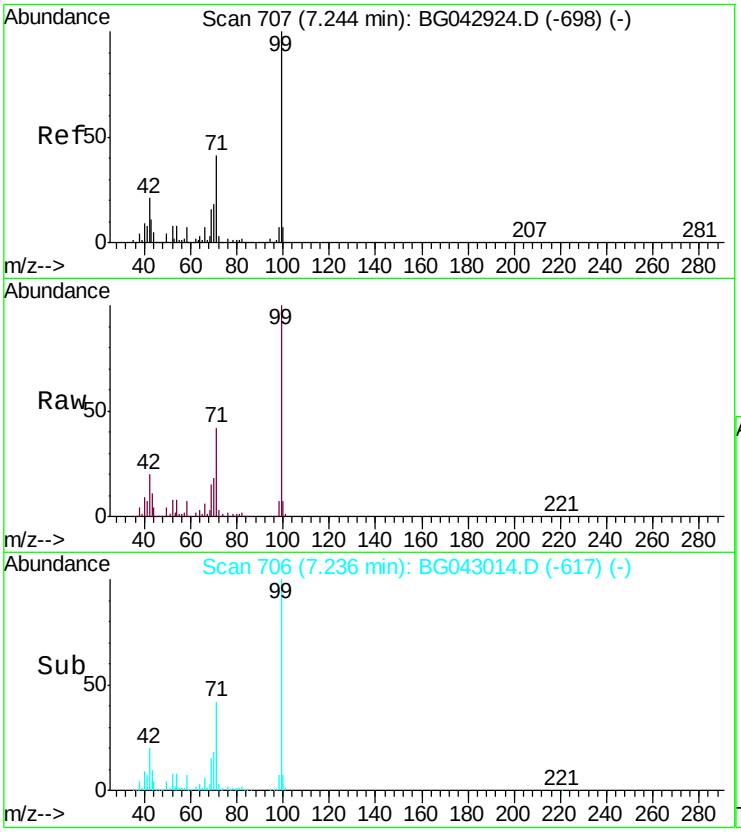


#5
2-Fluorophenol
Concen: 94.953 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.01 min
Lab File: BG043014.D
Acq: 3 Oct 2019 16:32

Tgt Ion:112 Resp: 406074

Ion	Ratio	Lower	Upper
112	100		
64	63.8	56.6	84.8
63	38.4	35.1	52.7



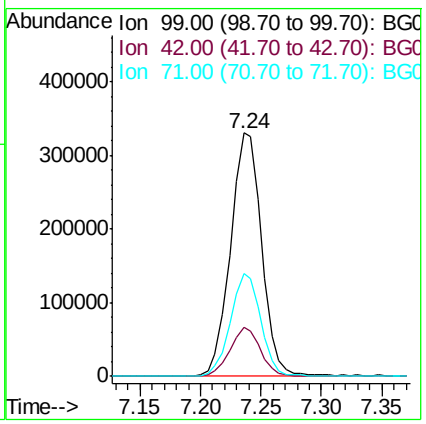


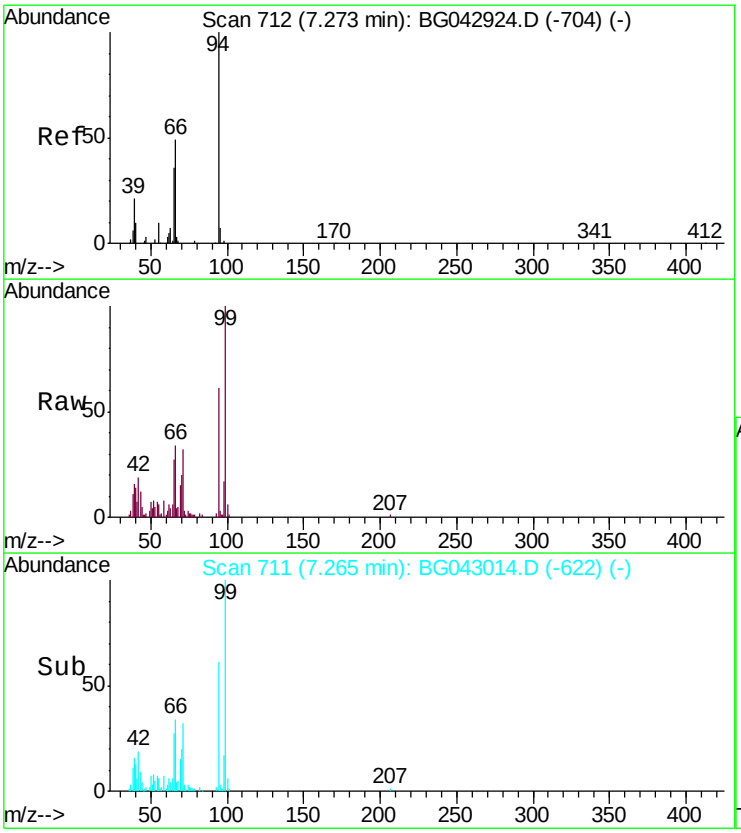
#7
Phenol-d6
Concen: 96.523 ng
RT: 7.24 min Scan# 706
Delta R.T. -0.01 min
Lab File: BG043014.D
Acq: 3 Oct 2019 16:32

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13

Tgt Ion: 99 Resp: 594443

Ion	Ratio	Lower	Upper
99	100		
42	20.0	17.2	25.8
71	42.1	33.1	49.7

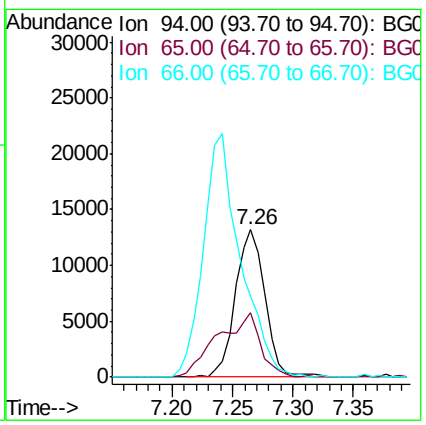


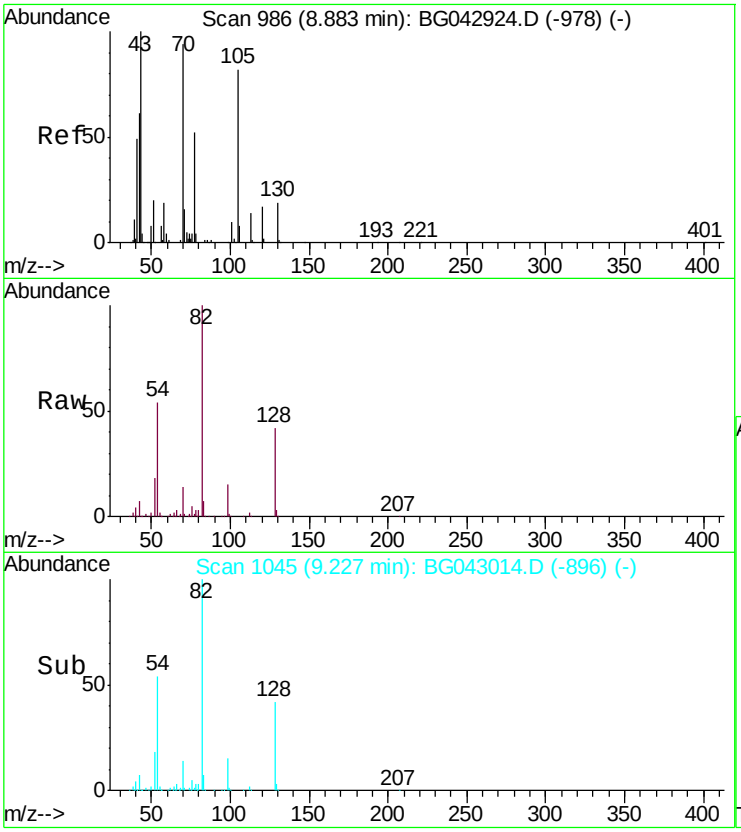


#10
Phenol
Concen: 3.995 ng
RT: 7.26 min Scan# 711
Delta R.T. -0.01 min
Lab File: BG043014.D
Acq: 3 Oct 2019 16:32

Tgt Ion: 94 Resp: 22573

Ion	Ratio	Lower	Upper
94	100		
65	43.9	16.6	56.6
66	55.5	32.4	72.4



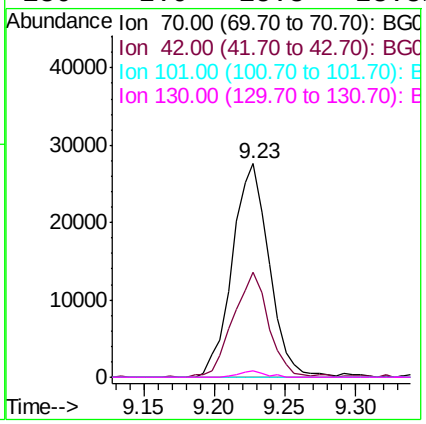


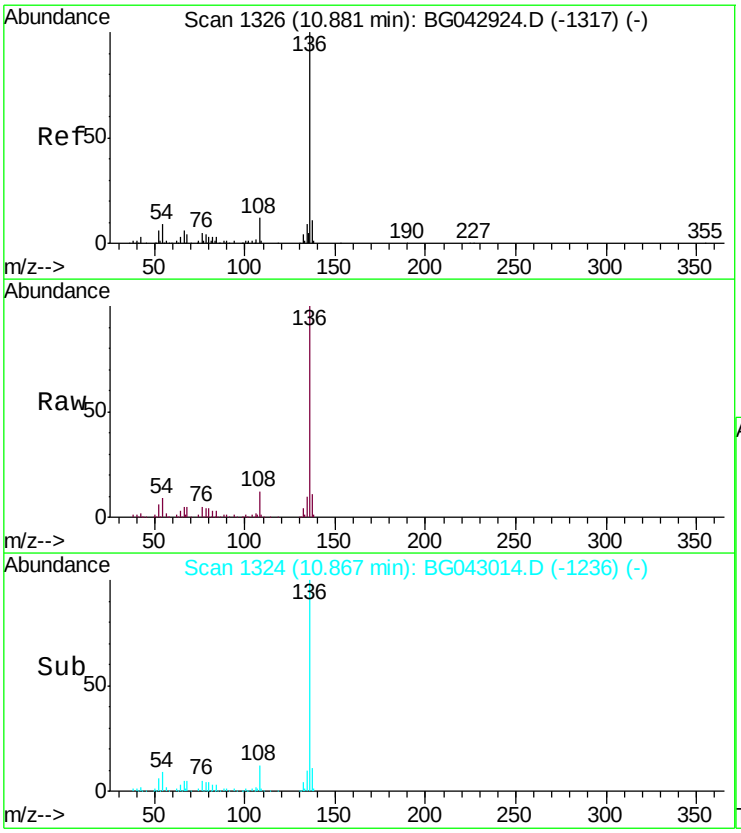
#19
n-Nitroso-di-n-propylamine
Concen: 12.446 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.34 min
Lab File: BG043014.D
Acq: 3 Oct 2019 16:32

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13

Tgt Ion: 70 Resp: 50329

Ion	Ratio	Lower	Upper
70	100		
42	48.9	52.6	79.0#
101	0.0	8.7	13.1#
130	2.9	15.8	23.8#

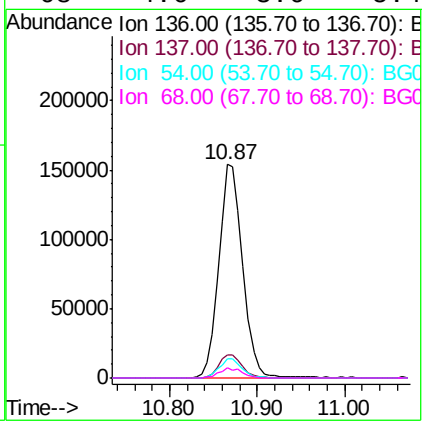


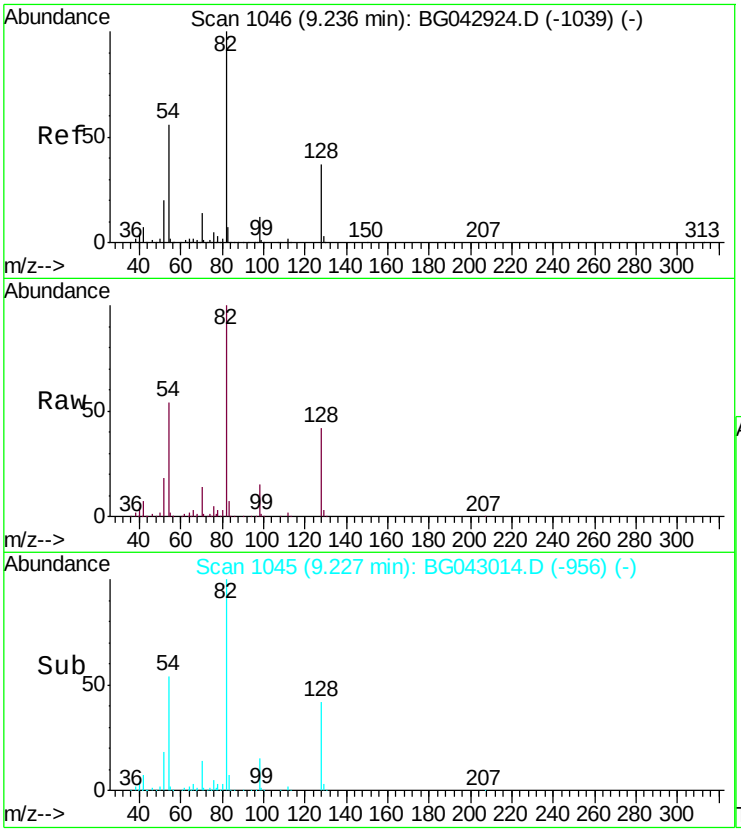


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG043014.D
Acq: 3 Oct 2019 16:32

Tgt Ion:136 Resp: 288882

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	8.9	7.4	11.2
68	4.6	3.6	5.4



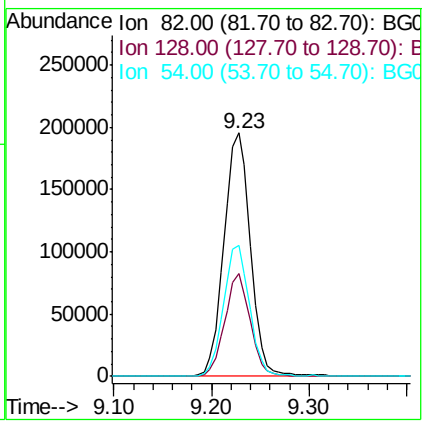


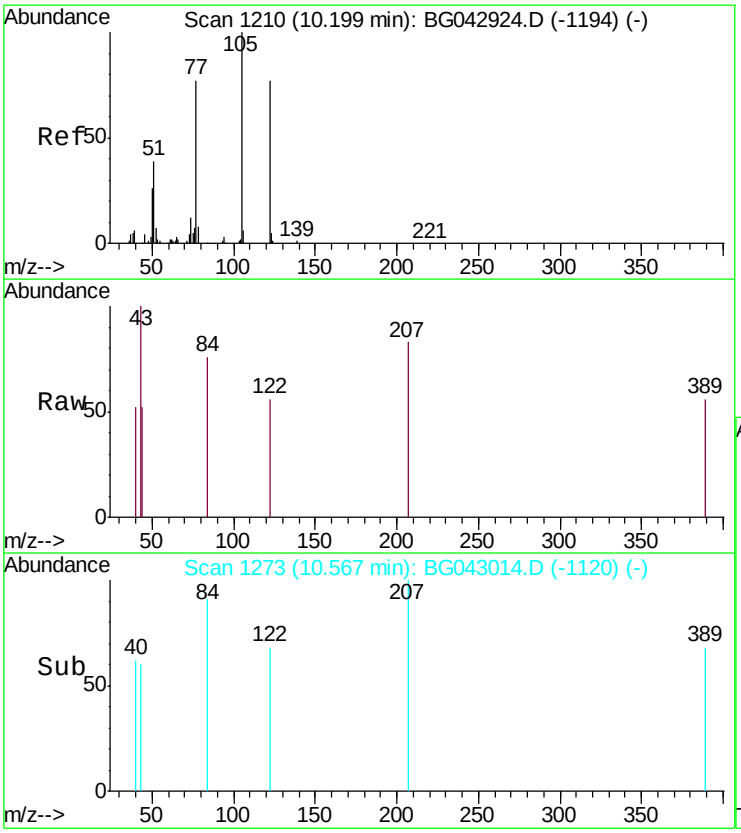
#23
Nitrobenzene-d5
Concen: 61.745 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG043014.D
Acq: 3 Oct 2019 16:32

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13

Tgt Ion: 82 Resp: 366978

Ion	Ratio	Lower	Upper
82	100		
128	42.1	29.5	44.3
54	53.9	44.6	67.0

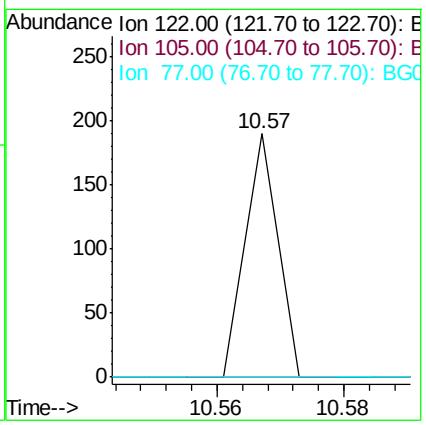


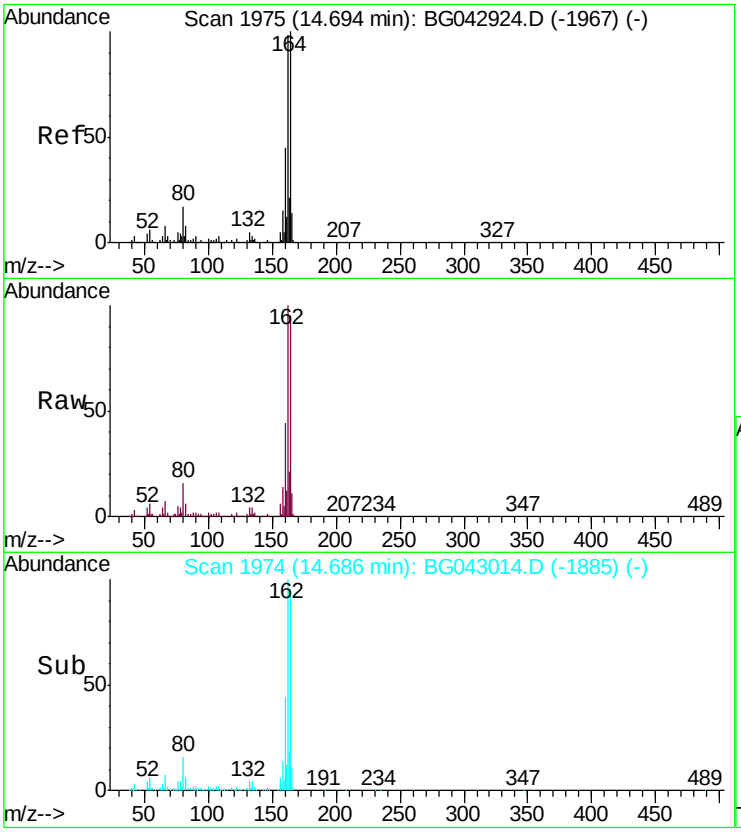


#32
Benzoic acid
Concen: 2.824 ng
RT: 10.57 min Scan# 1273
Delta R.T. 0.37 min
Lab File: BG043014.D
Acq: 3 Oct 2019 16:32

Tgt Ion:122 Resp: 67

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.5	147.5#
77	0.0	79.8	119.8#



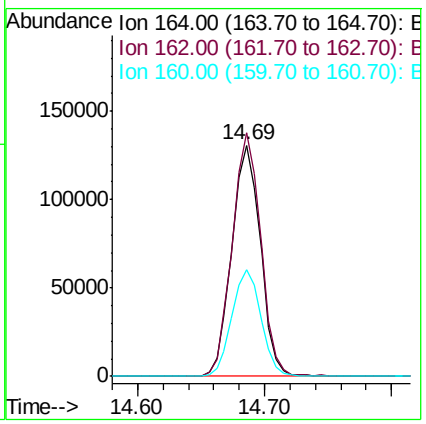


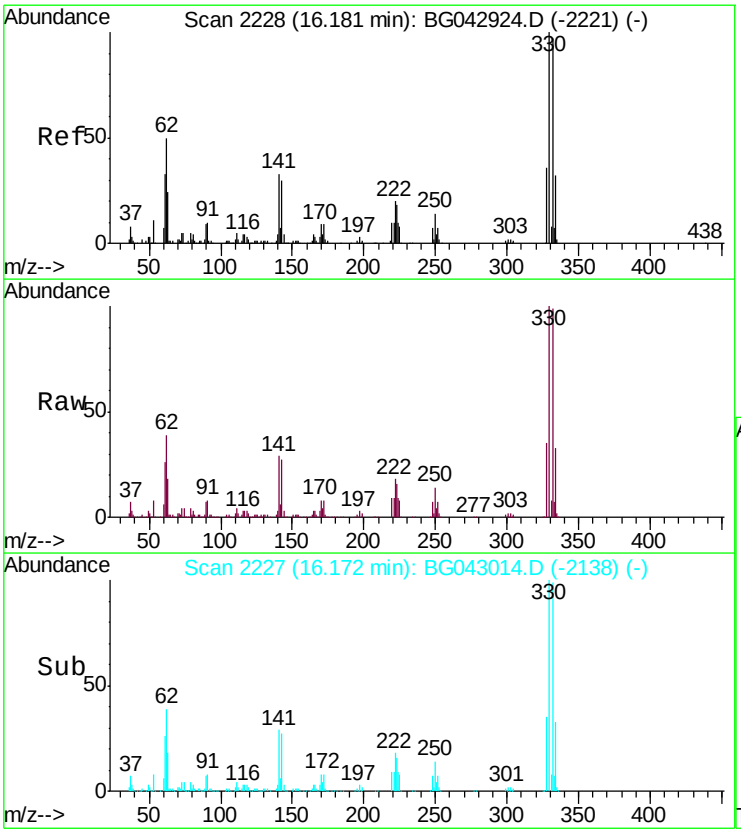
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG043014.D
Acq: 3 Oct 2019 16:32

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13

Tgt Ion:164 Resp: 204722

Ion	Ratio	Lower	Upper
164	100		
162	105.4	78.5	117.7
160	46.1	35.9	53.9

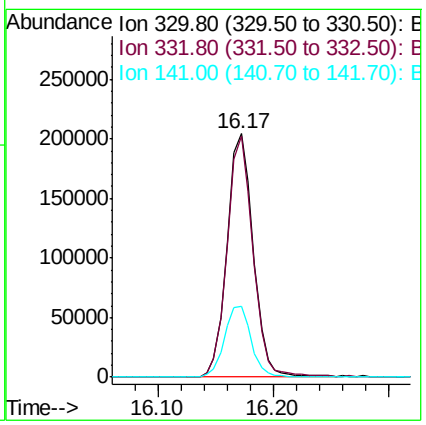


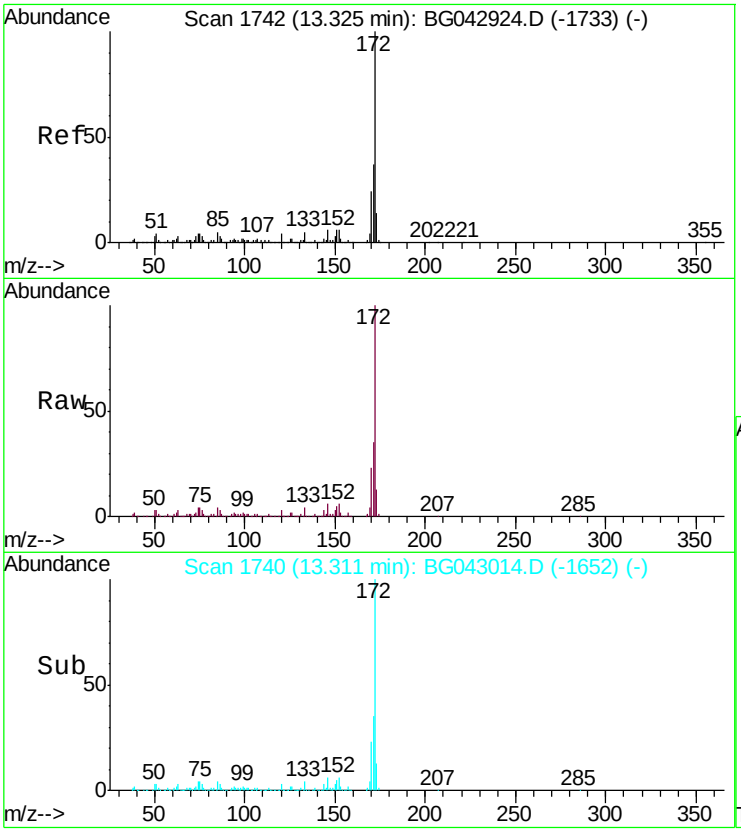


#42
2,4,6-Tribromophenol
Concen: 91.316 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG043014.D
Acq: 3 Oct 2019 16:32

Tgt Ion:330 Resp: 321461

Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.2	117.2
141	30.1	26.0	39.0



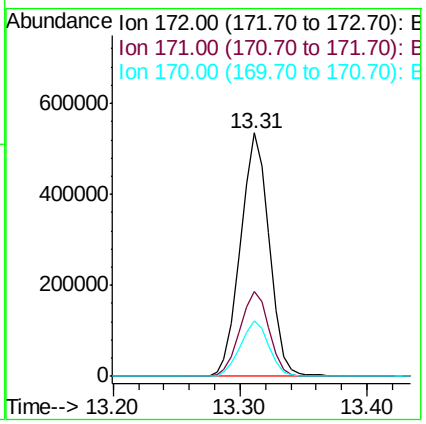


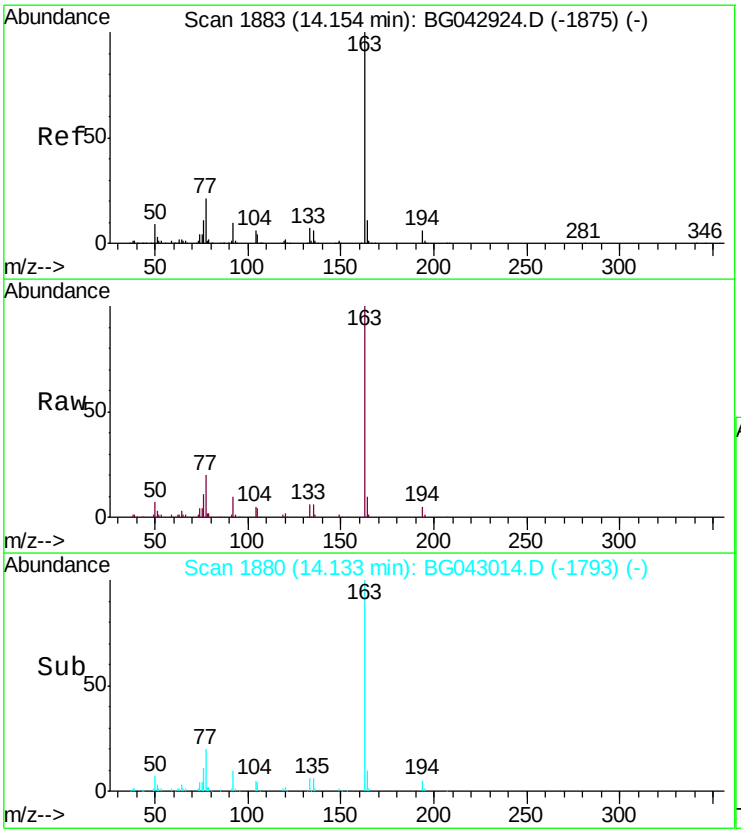
#45
2-Fluorobiphenyl
Concen: 59.564 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG043014.D
Acq: 3 Oct 2019 16:32

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13

Tgt Ion:172 Resp: 841142

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.6	44.4
170	22.8	19.6	29.4

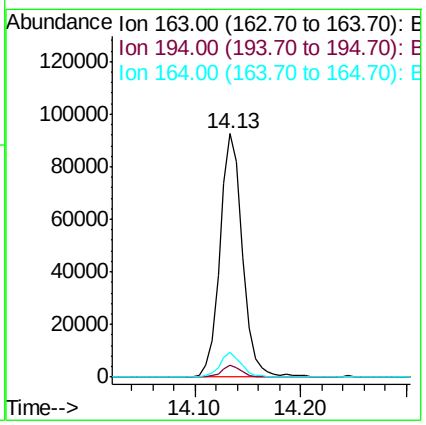


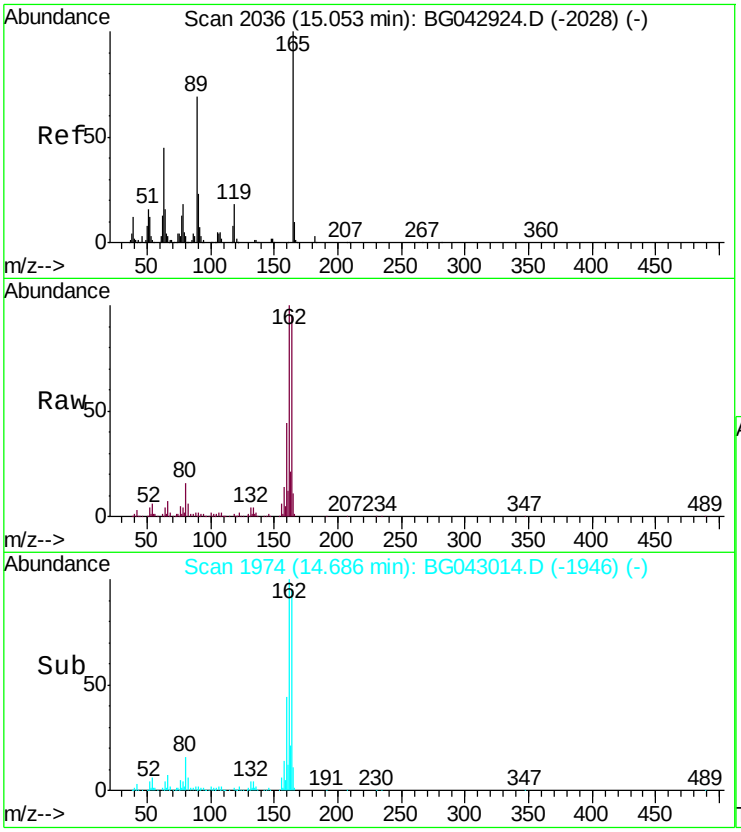


#50
Dimethylphthalate
Concen: 8.915 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG043014.D
Acq: 3 Oct 2019 16:32

Tgt Ion:163 Resp: 136755

Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.4	6.6
164	10.1	8.6	12.8



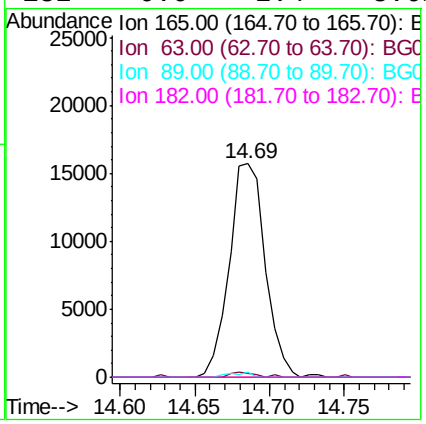


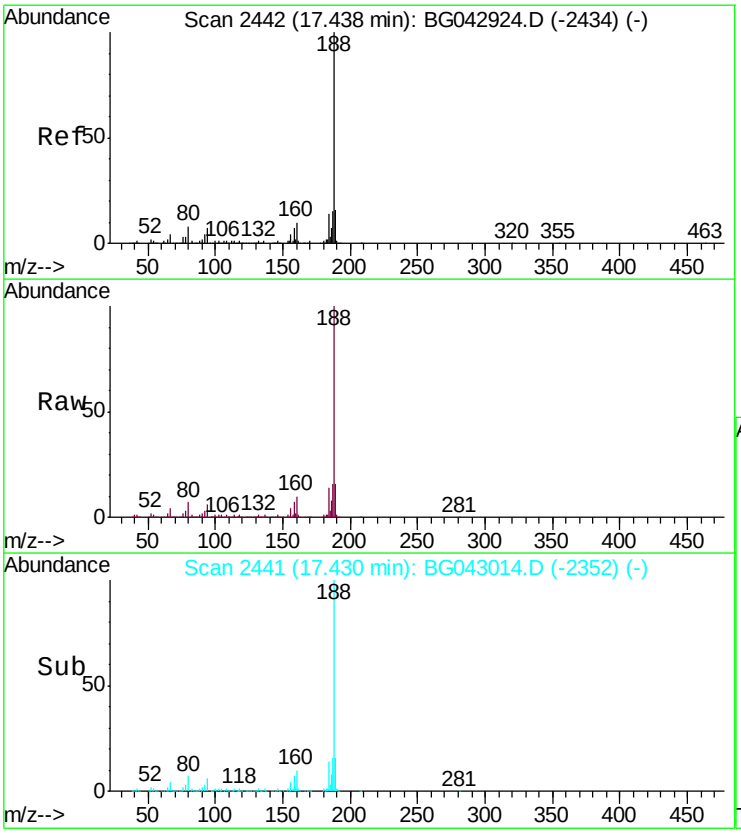
#57
2,4-Dinitrotoluene
Concen: 5.519 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.37 min
Lab File: BG043014.D
Acq: 3 Oct 2019 16:32

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13

Tgt Ion:165 Resp: 26402

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.5	54.7#
89	2.4	55.5	83.3#
182	0.0	2.4	3.6#

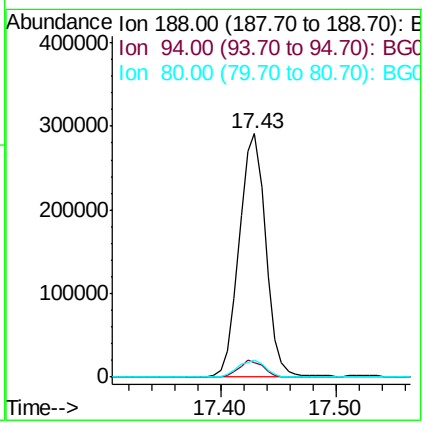


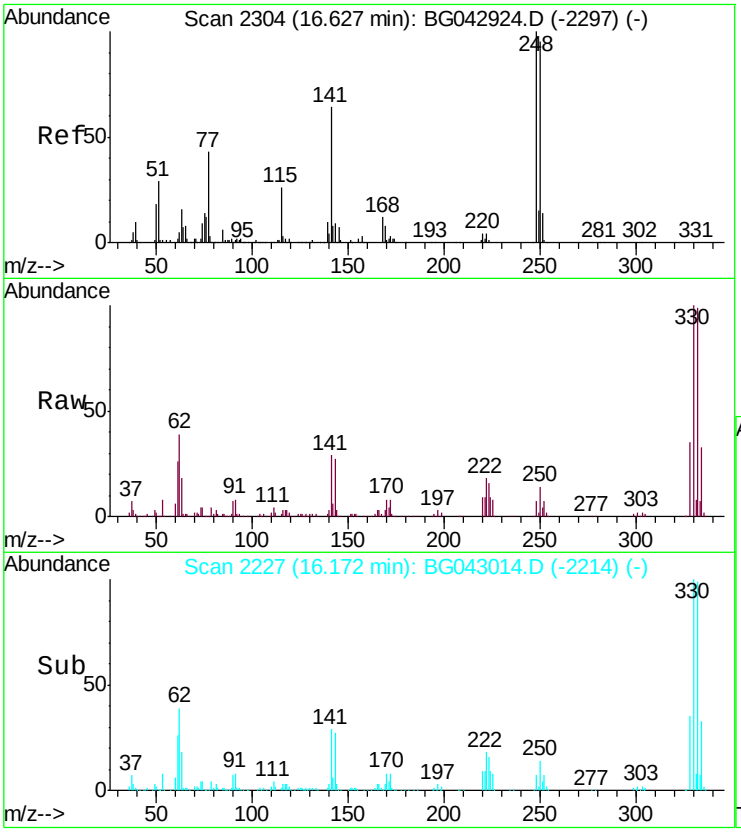


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG043014.D
Acq: 3 Oct 2019 16:32

Tgt Ion:188 Resp: 465230

Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.7	8.5
80	6.8	6.5	9.7



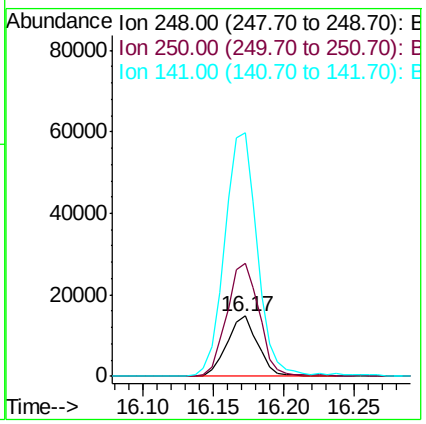


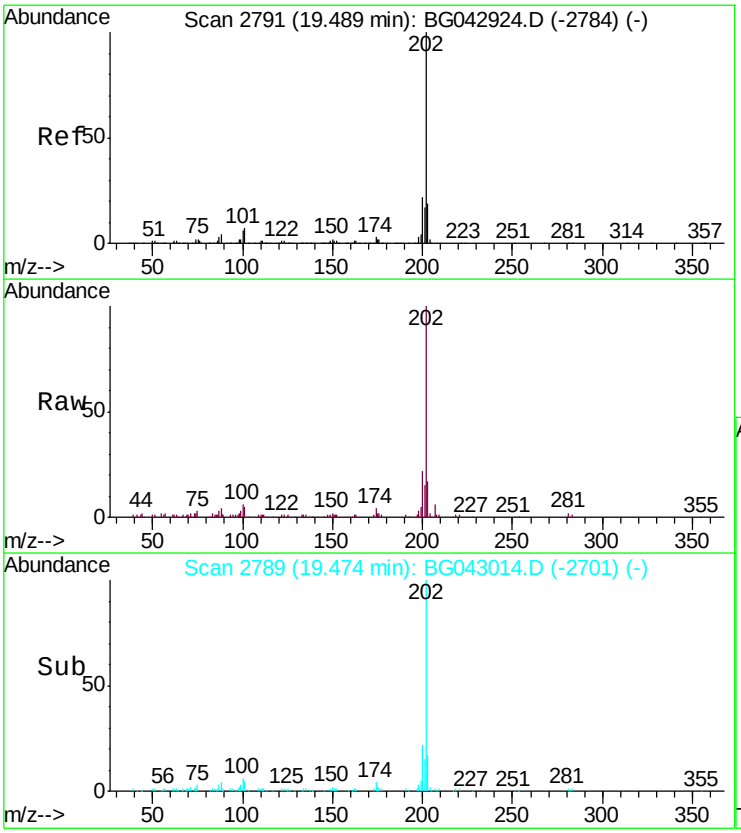
#67
4-Bromophenyl-phenylether
Concen: 3.824 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.46 min
Lab File: BG043014.D
Acq: 3 Oct 2019 16:32

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13

Tgt Ion:248 Resp: 22326

Ion	Ratio	Lower	Upper
248	100		
250	186.9	75.8	113.8#
141	404.2	51.1	76.7#

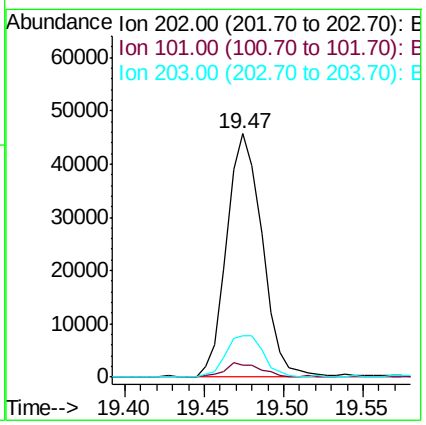


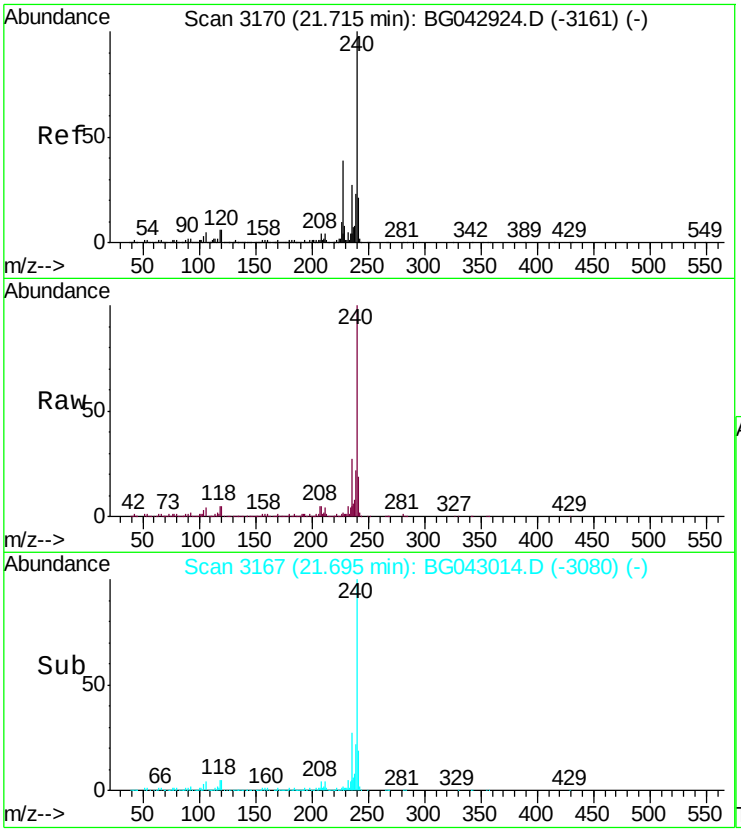


#75
Fluoranthene
Concen: 2.360 ng
RT: 19.47 min Scan# 2789
Delta R.T. -0.01 min
Lab File: BG043014.D
Acq: 3 Oct 2019 16:32

Tgt Ion:202 Resp: 70888

Ion	Ratio	Lower	Upper
202	100		
101	5.2	0.0	27.3
203	17.2	0.0	39.5



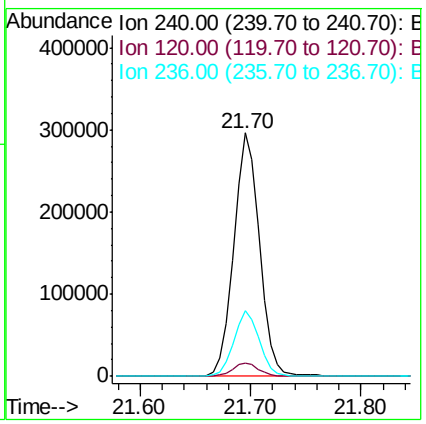


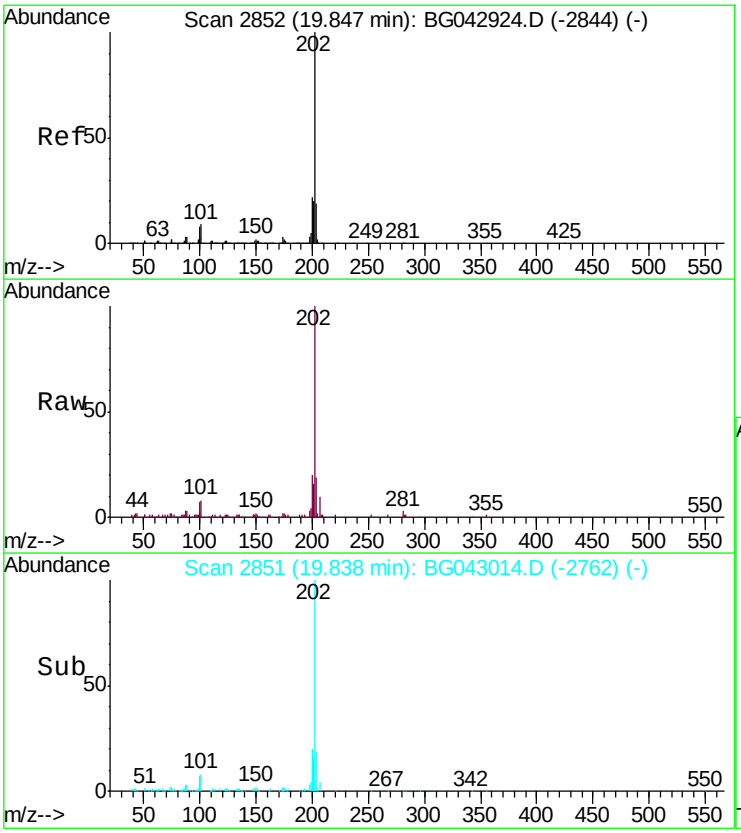
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG043014.D
Acq: 3 Oct 2019 16:32

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13

Tgt Ion:240 Resp: 485195

Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.8	7.2
236	26.9	21.4	32.0

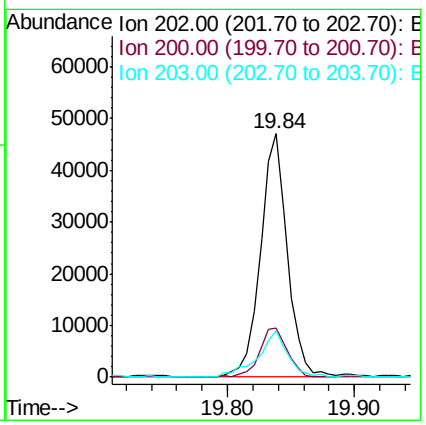


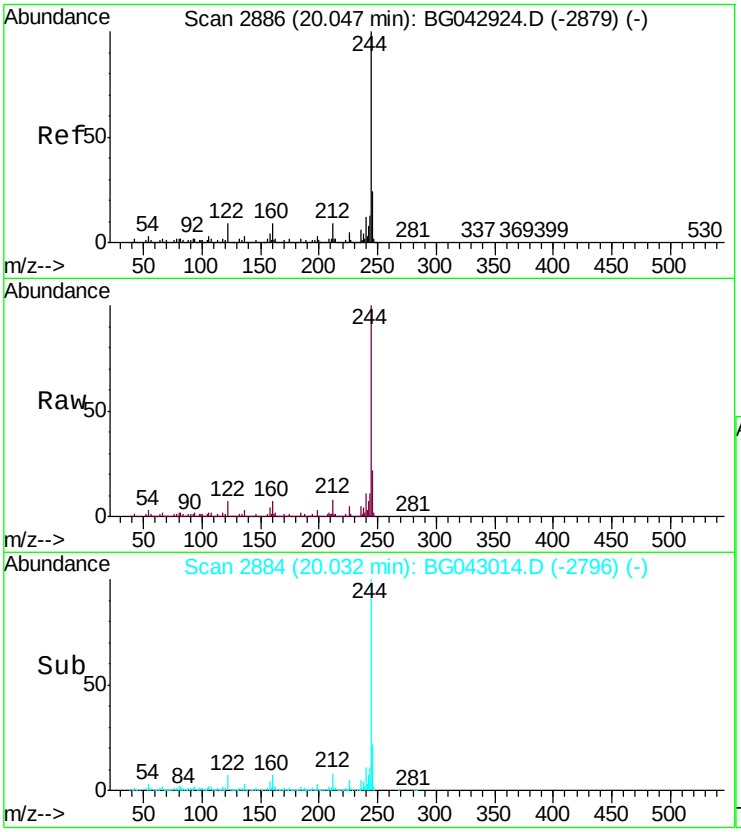


#78
Pyrene
Concen: 2.398 ng
RT: 19.84 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BG043014.D
Acq: 3 Oct 2019 16:32

Tgt Ion:202 Resp: 69456

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.6	26.4
203	19.2	15.2	22.8



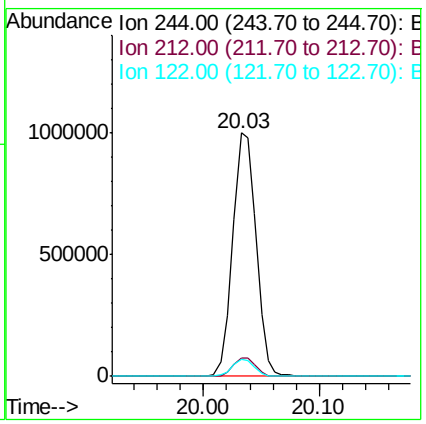


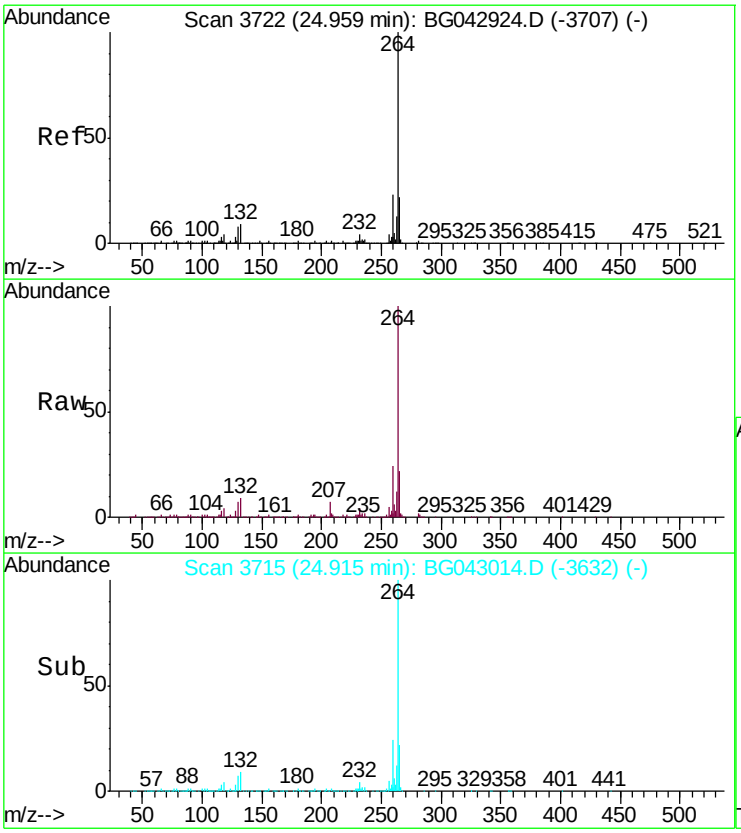
#79
Terphenyl-d14
Concen: 61.464 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG043014.D
Acq: 3 Oct 2019 16:32

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13

Tgt Ion:244 Resp: 1399507

Ion	Ratio	Lower	Upper
244	100		
212	7.8	7.4	11.0
122	7.2	7.0	10.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3715
Delta R.T. -0.04 min
Lab File: BG043014.D
Acq: 3 Oct 2019 16:32

Tgt Ion:264 Resp: 568894

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.2	17.7	26.5