Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
Data File : BG042994.D
Acq On : 2 Oct 2019 21:01
Operator : JU
Sample : K5127-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20190772-SS-COMPOSITE-12

Quant Time: Oct 03 04:28:07 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	8.07	152	68792	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	261379	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	194802	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	458667	20.00	ng	-0.01
76) Chrysene-d12	21.70	240	495293	20.00	ng	-0.02
87) Perylene-d12	24.92	264	582300	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	307836	79.86	ng	0.00
7) Phenol-d6	7.24	99	447819	80.67	ng	0.00
23) Nitrobenzene-d5	9.22	82	277354	51.58	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	248786	74.27	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	630551	46.93	ng	-0.01
79) Terphenyl-d14	20.04	244	1182628	50.88	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	38928	10.680	ng	# 72
32) Benzoic acid	9.96	122	54	2.821	ng	# 1
50) Dimethylphthalate	14.14	163	74731	5.120	ng	# 98
51) 2,6-Dinitrotoluene	14.68	165	26838	8.634	ng	# 20
57) 2,4-Dinitrotoluene	14.68	165	26838	5.896	ng	# 24
67) 4-Bromophenyl-phenylether	16.17	248	16131	2.802	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
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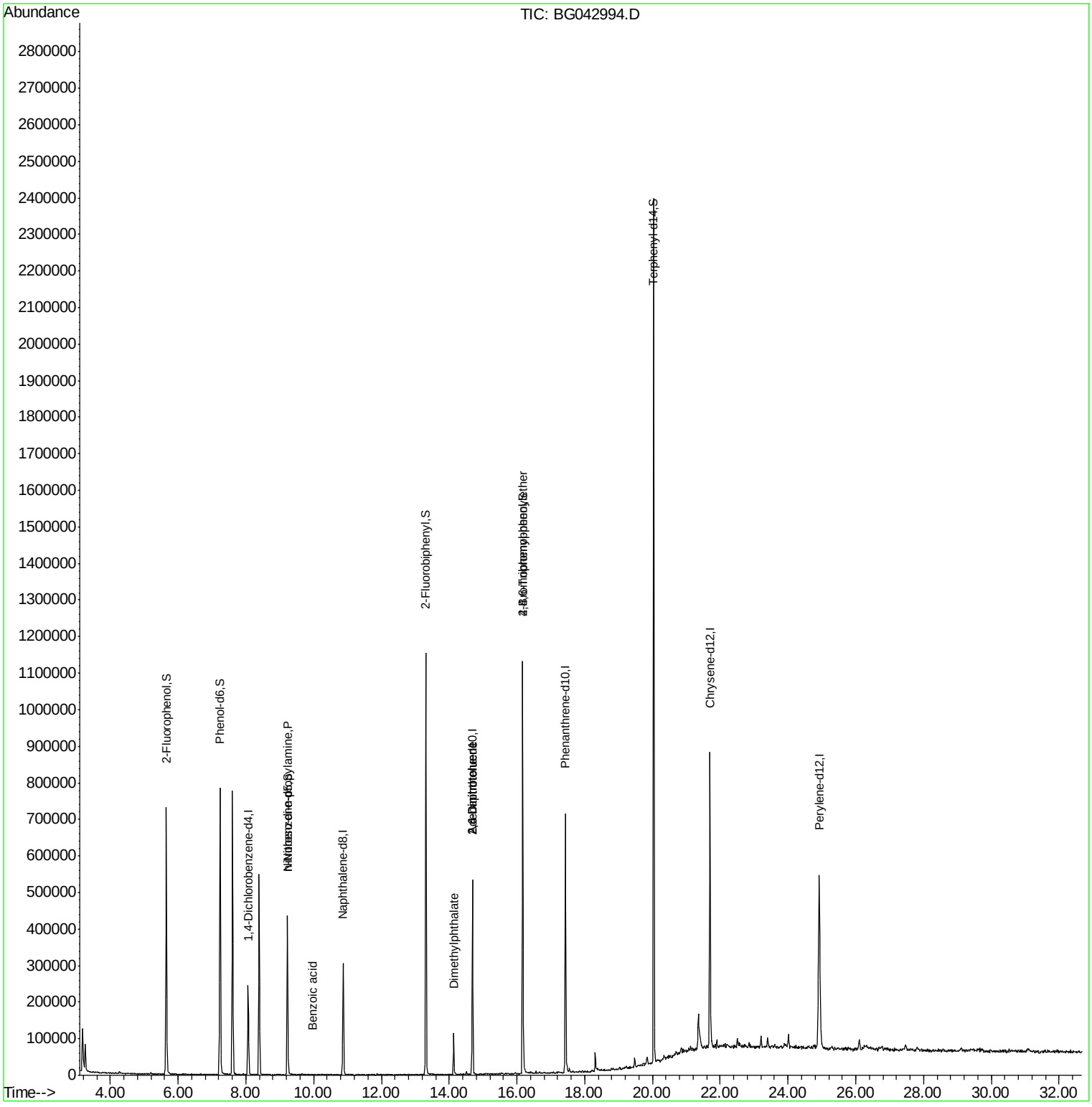
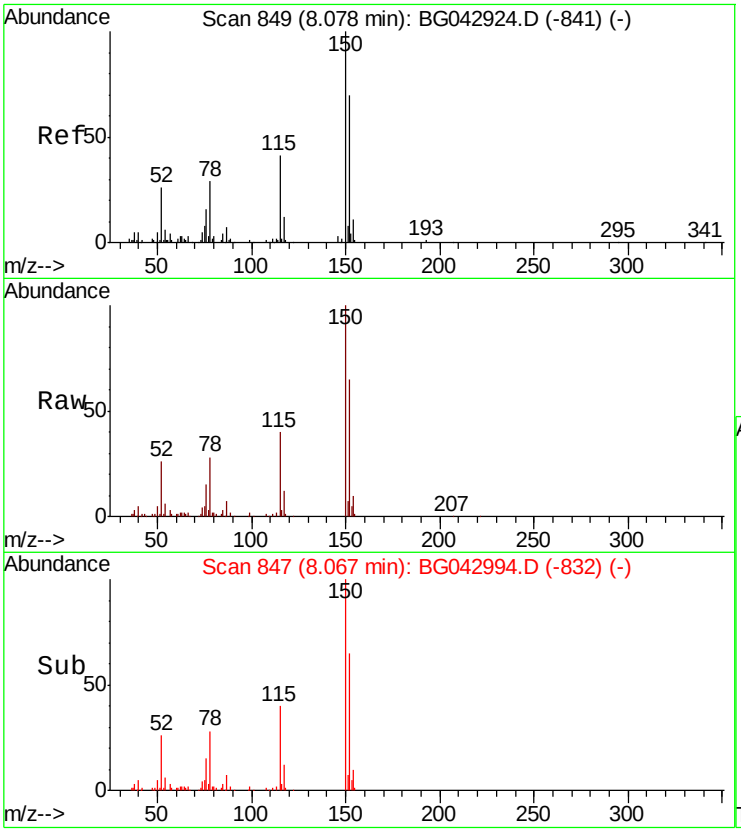


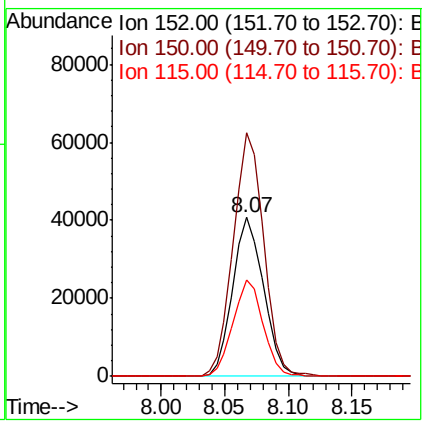


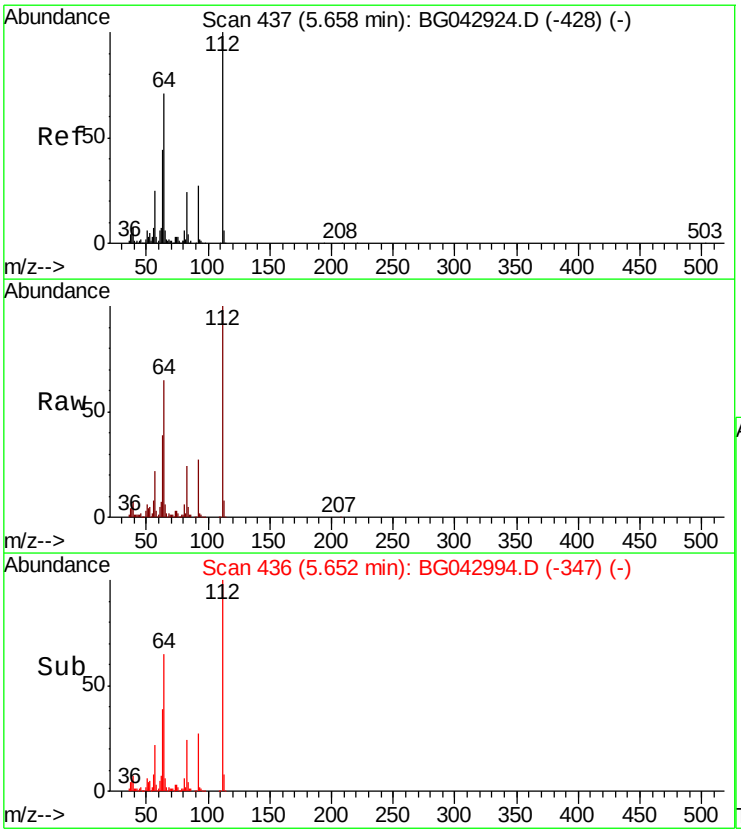
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

Instrument :
BNA_G
ClientSampleId :
20190772-SS-COMPOSITE-12

Tgt Ion:152 Resp: 68792

Ion	Ratio	Lower	Upper
152	100		
150	153.4	115.0	172.4
115	60.9	47.0	70.6

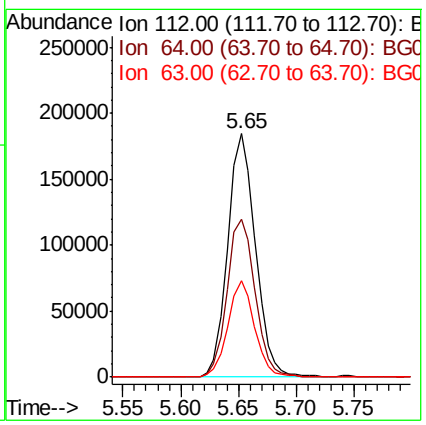


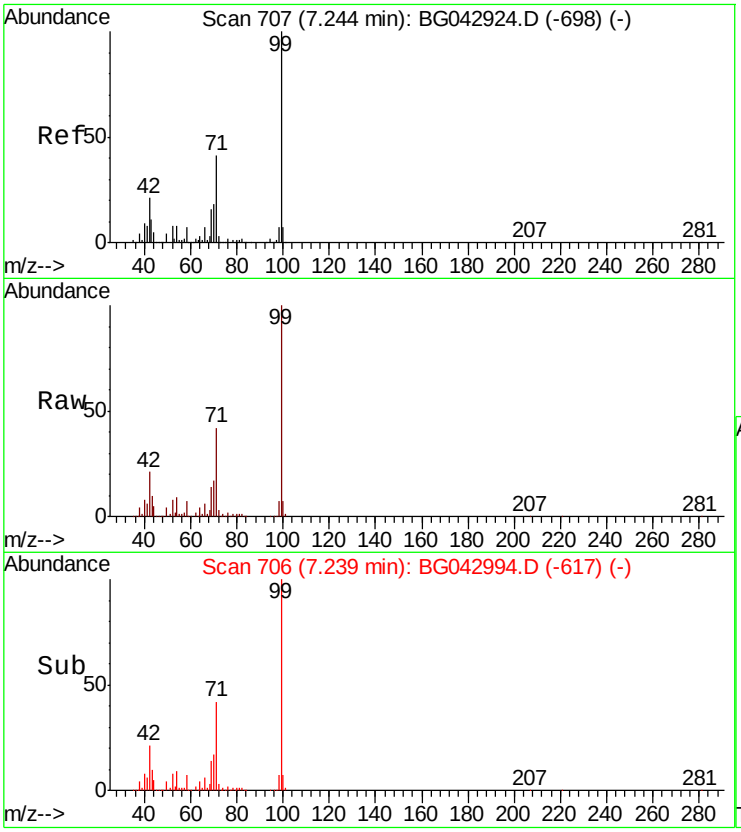


#5
2-Fluorophenol
Concen: 79.860 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.01 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

Tgt Ion:112 Resp: 307836

Ion	Ratio	Lower	Upper
112	100		
64	64.8	56.6	84.8
63	39.5	35.1	52.7



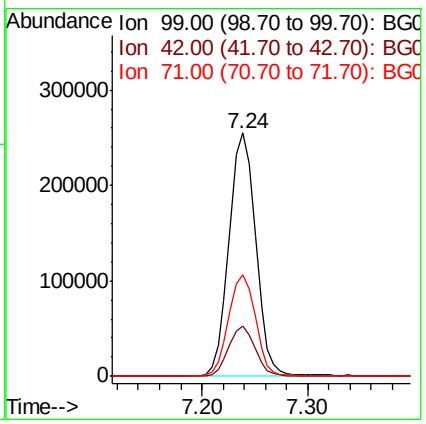


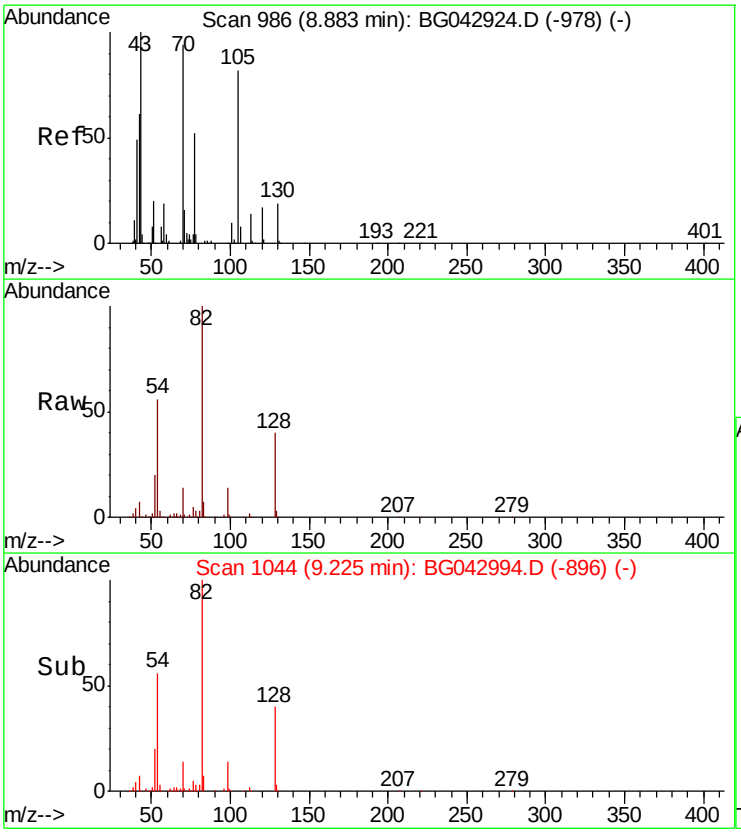
#7
Phenol-d6
Concen: 80.673 ng
RT: 7.24 min Scan# 706
Delta R.T. -0.01 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

Instrument :
BNA_G
ClientSampleId :
20190772-SS-COMPOSITE-12

Tgt Ion: 99 Resp: 447819

Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.2	25.8
71	41.9	33.1	49.7

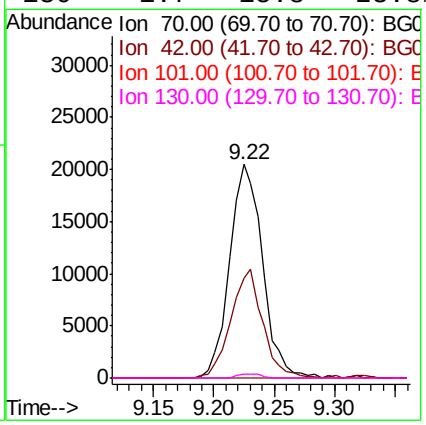


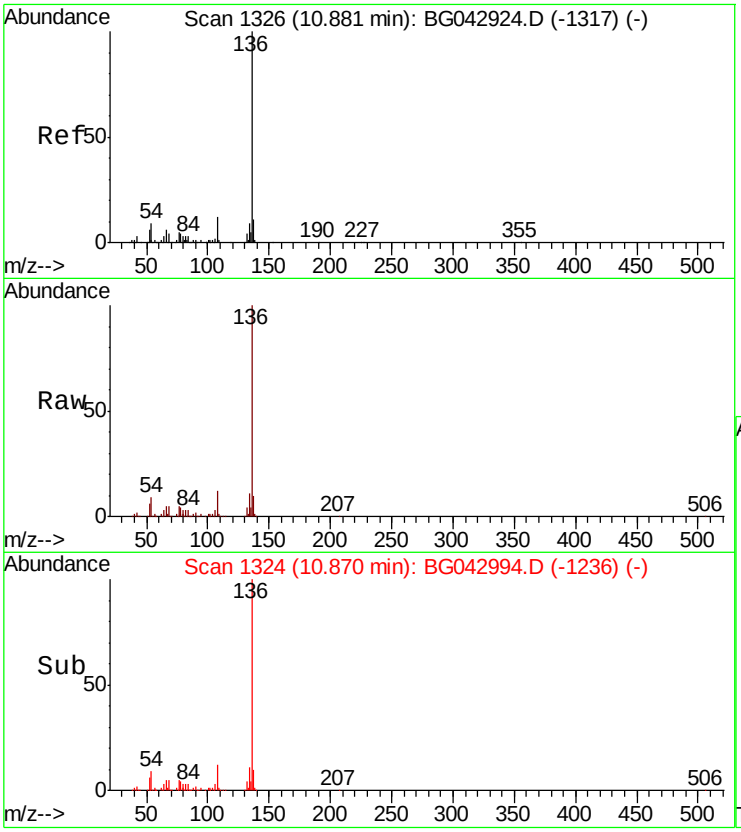


#19
n-Nitroso-di-n-propylamine
Concen: 10.680 ng
RT: 9.22 min Scan# 1044
Delta R.T. 0.34 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

Tgt Ion: 70 Resp: 38928

Ion	Ratio	Lower	Upper
70	100		
42	46.5	52.6	79.0#
101	0.0	8.7	13.1#
130	1.7	15.8	23.8#



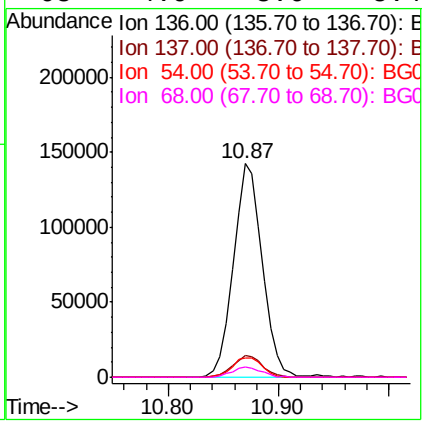


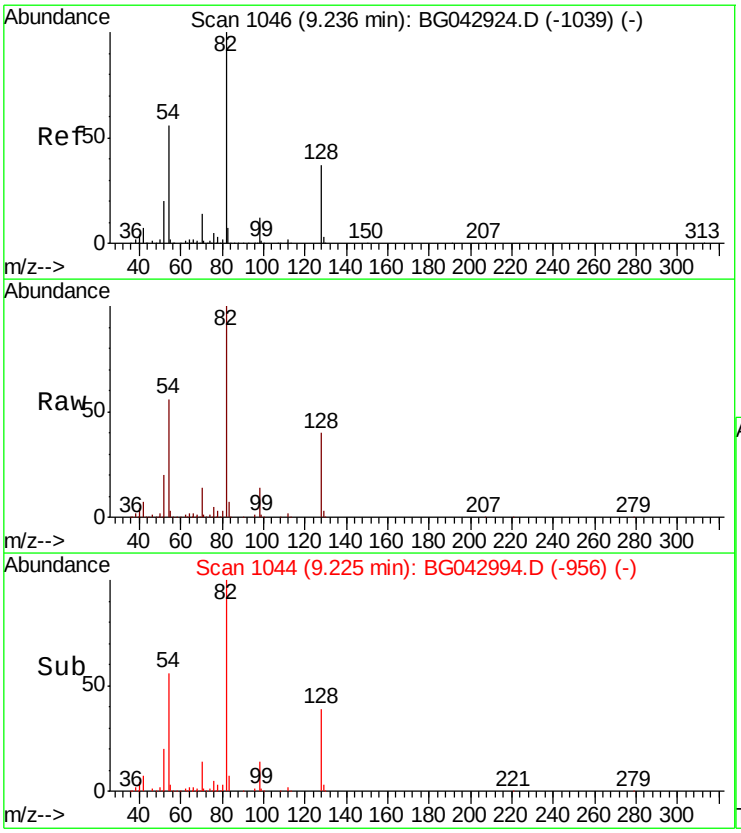
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

Instrument :
BNA_G
ClientSampleId :
20190772-SS-COMPOSITE-12

Tgt Ion:136 Resp: 261379

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	8.8	7.4	11.2
68	4.9	3.6	5.4

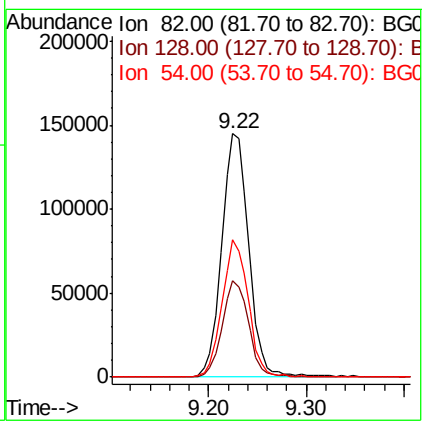


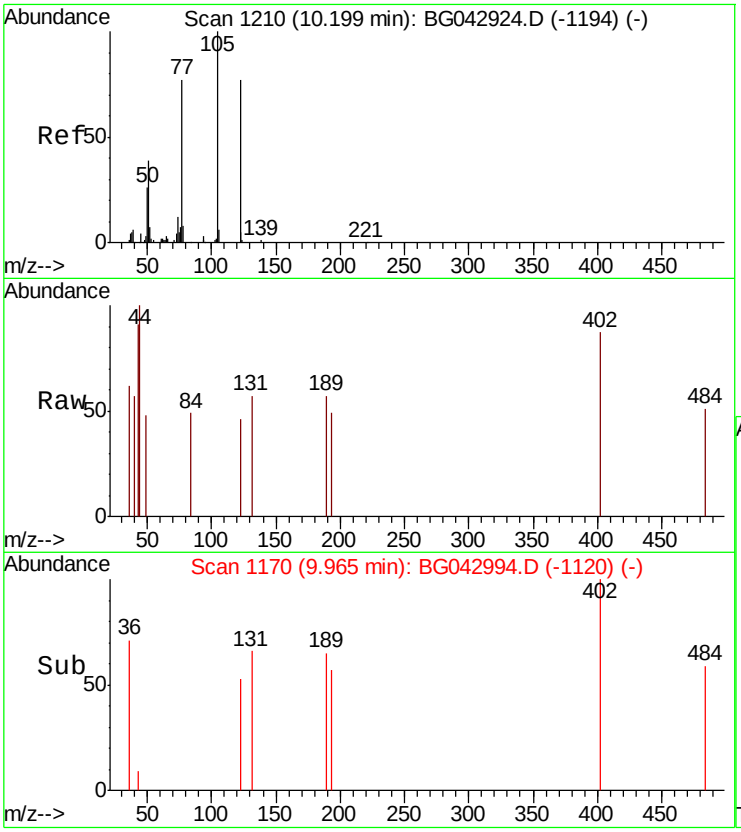


#23
Nitrobenzene-d5
Concen: 51.576 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

Tgt Ion: 82 Resp: 277354

Ion	Ratio	Lower	Upper
82	100		
128	39.5	29.5	44.3
54	56.4	44.6	67.0



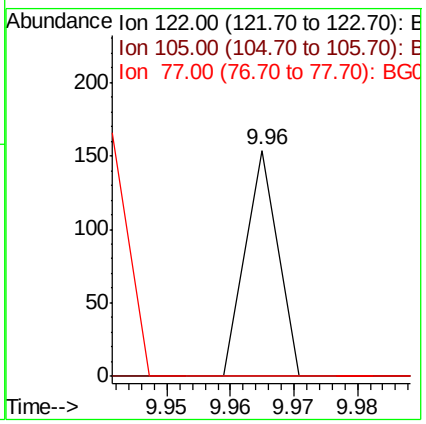


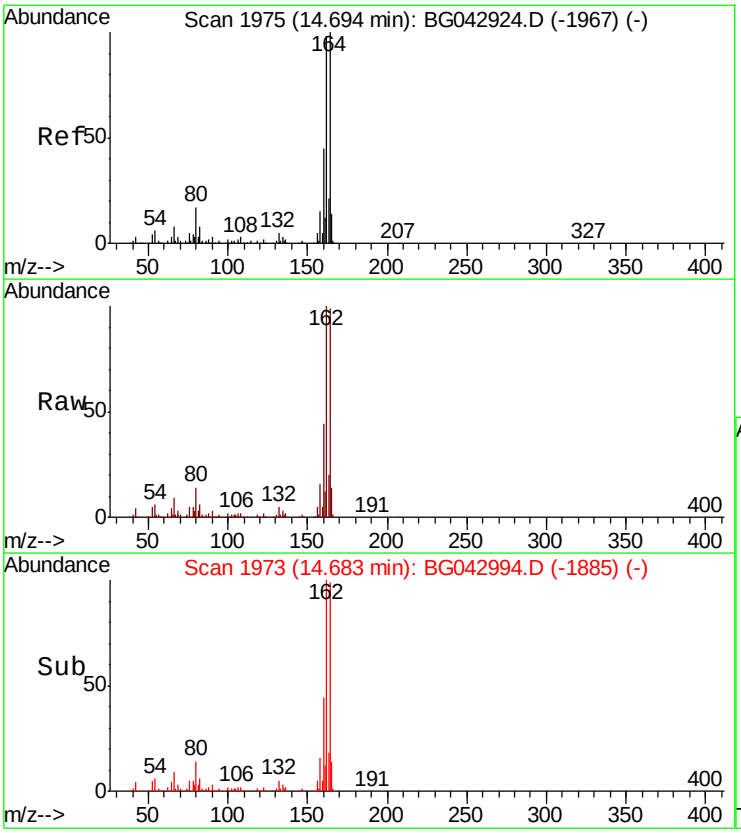
#32
Benzoic acid
Concen: 2.821 ng
RT: 9.96 min Scan# 1170
Delta R.T. -0.23 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

Instrument :
BNA_G
ClientSampleId :
20190772-SS-COMPOSITE-12

Tgt Ion:122 Resp: 54

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

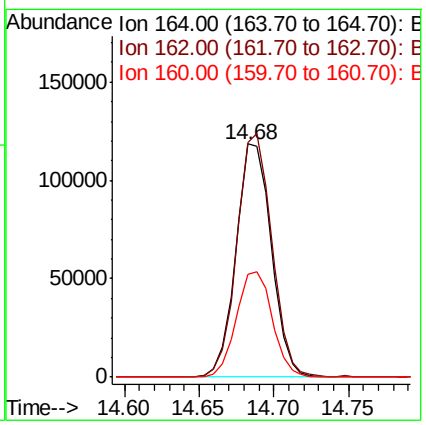


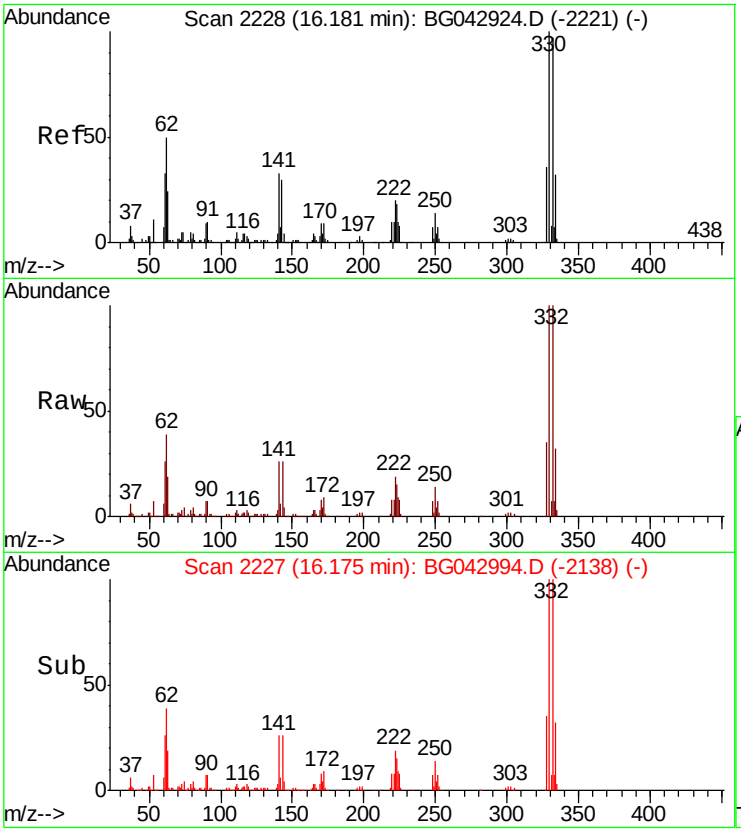


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

Tgt Ion:164 Resp: 194802

Ion	Ratio	Lower	Upper
164	100		
162	101.0	78.5	117.7
160	44.3	35.9	53.9



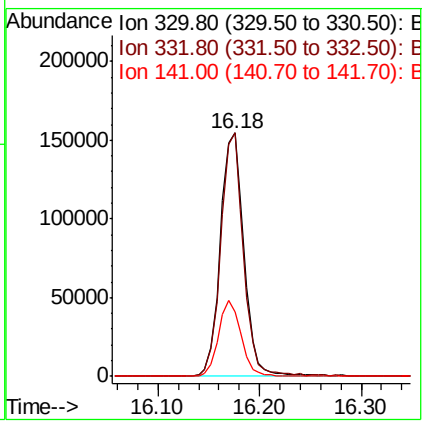


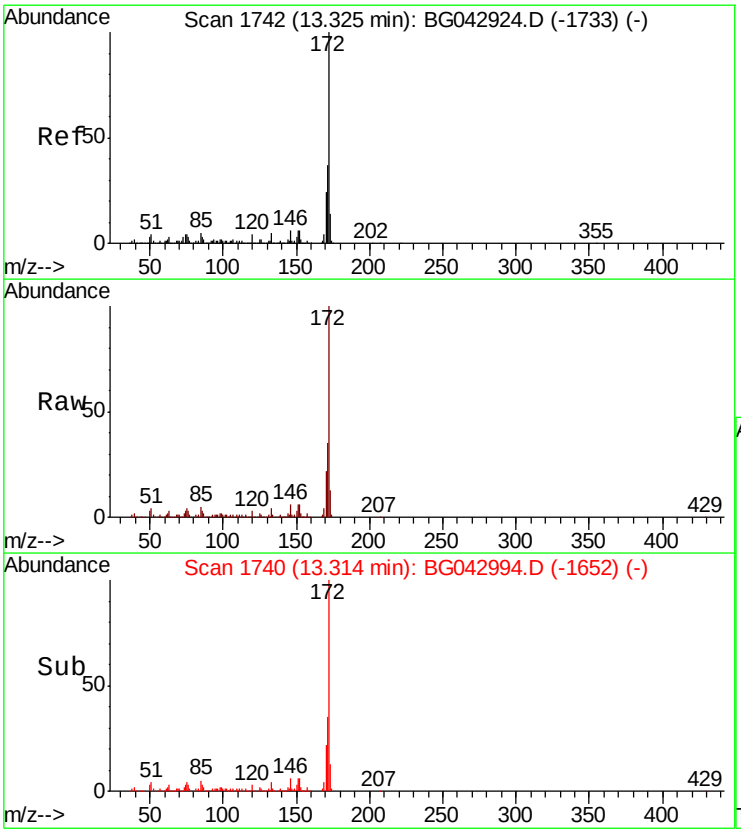
#42
2,4,6-Tribromophenol
Concen: 74.270 ng
RT: 16.18 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

Instrument :
BNA_G
ClientSampleId :
20190772-SS-COMPOSITE-12

Tgt Ion:330 Resp: 248786

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.2	117.2
141	30.0	26.0	39.0

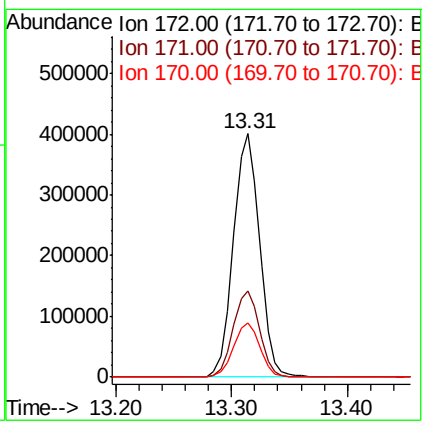


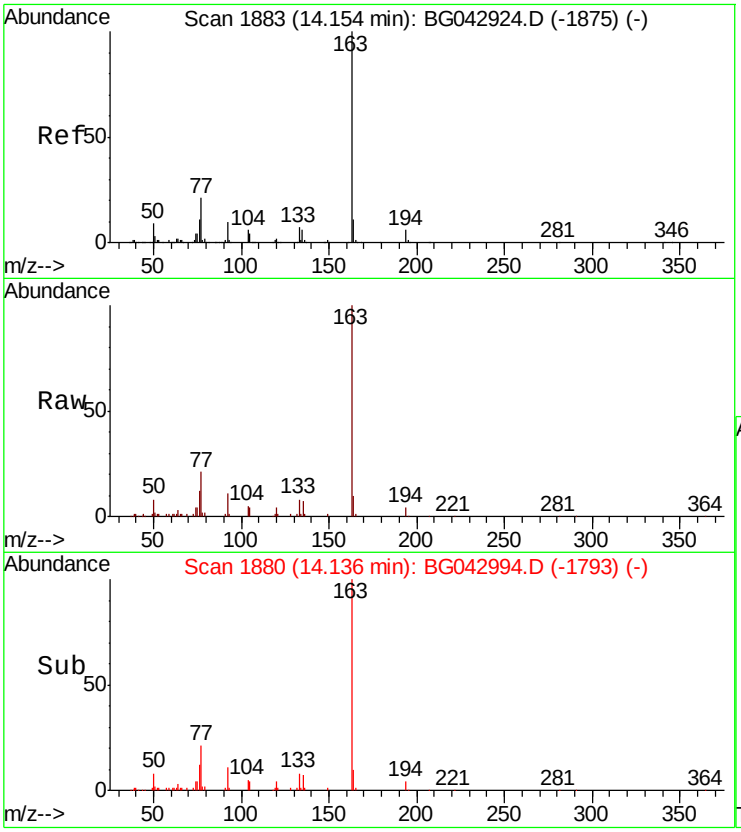


#45
2-Fluorobiphenyl
Concen: 46.925 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

Tgt Ion:172 Resp: 630551

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	22.1	19.6	29.4



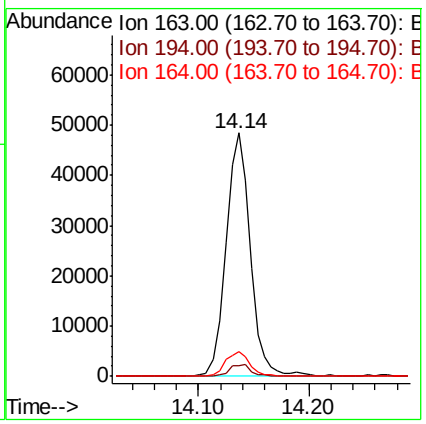


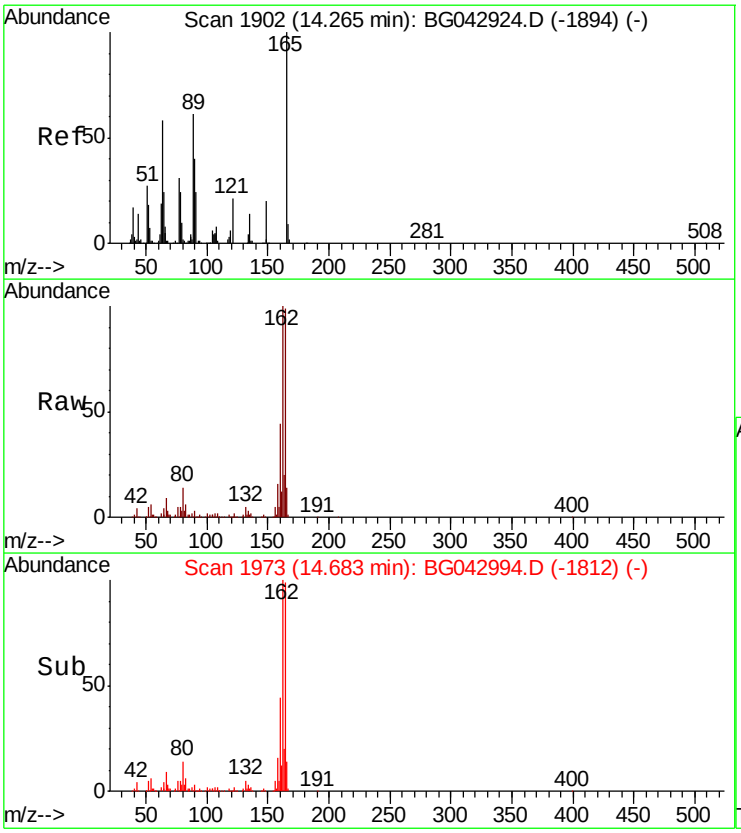
#50
Dimethylphthalate
Concen: 5.120 ng
RT: 14.14 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

Instrument :
BNA_G
ClientSampleId :
20190772-SS-COMPOSITE-12

Tgt Ion:163 Resp: 74731

Ion	Ratio	Lower	Upper
163	100		
194	4.1	4.4	6.6#
164	10.3	8.6	12.8

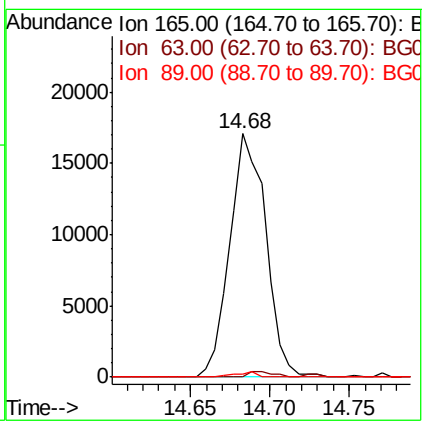


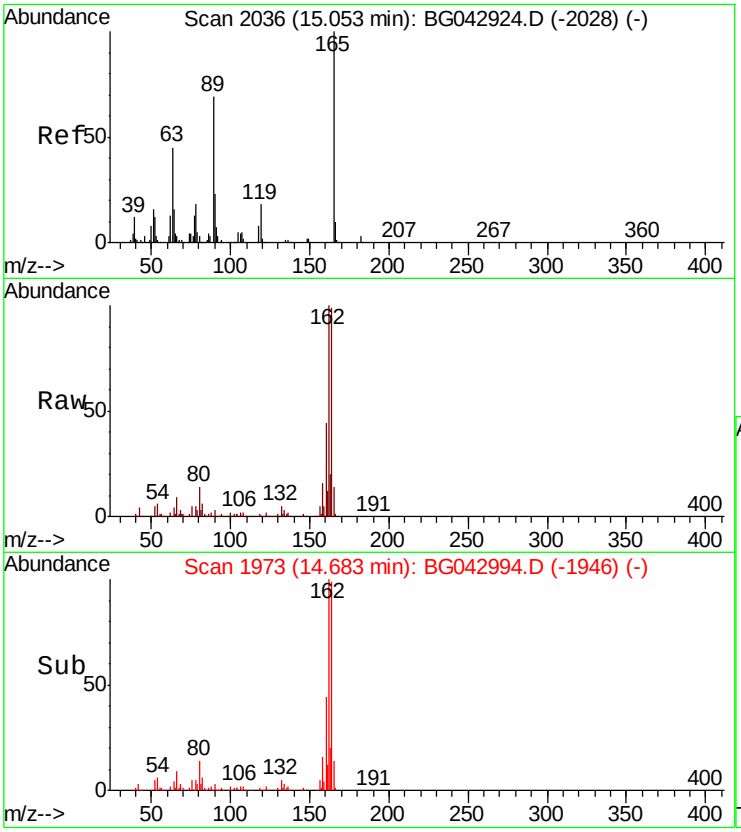


#51
2,6-Dinitrotoluene
Concen: 8.634 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.42 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

Tgt Ion:165 Resp: 26838

Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.3	75.5#
89	1.3	48.9	73.3#



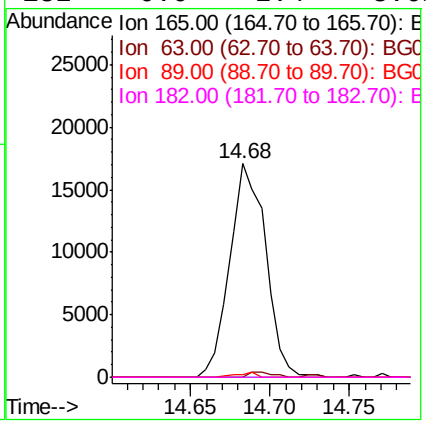


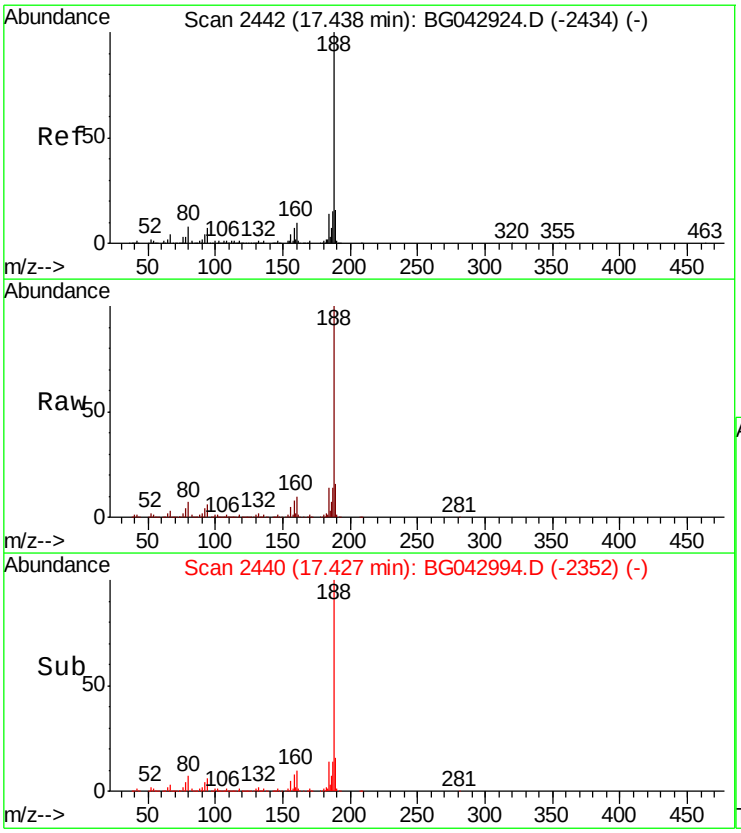
#57
2,4-Dinitrotoluene
Concen: 5.896 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.37 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

Instrument :
BNA_G
ClientSampleId :
20190772-SS-COMPOSITE-12

Tgt Ion:165 Resp: 26838

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.5	54.7#
89	1.3	55.5	83.3#
182	0.0	2.4	3.6#

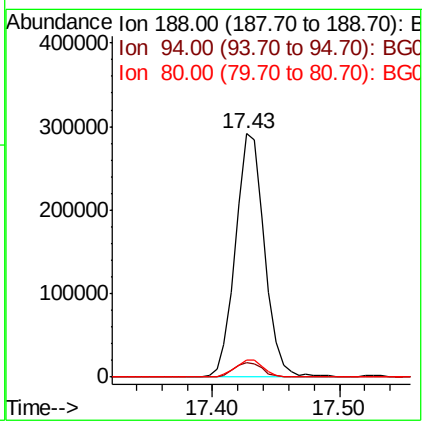


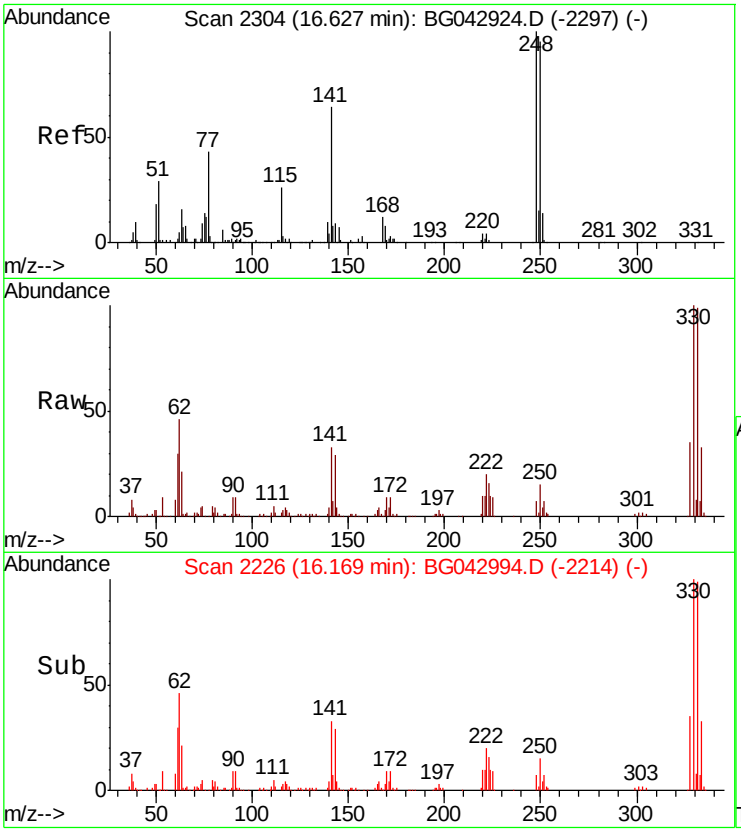


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

Tgt Ion:188 Resp: 458667

Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.7	8.5
80	7.2	6.5	9.7



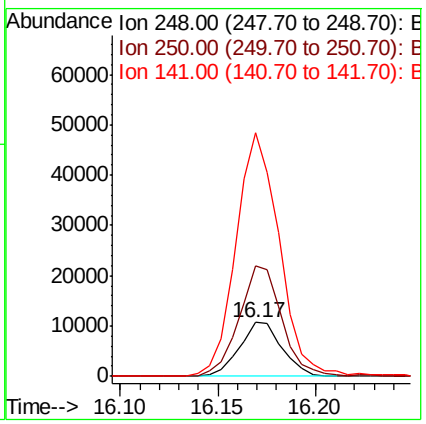


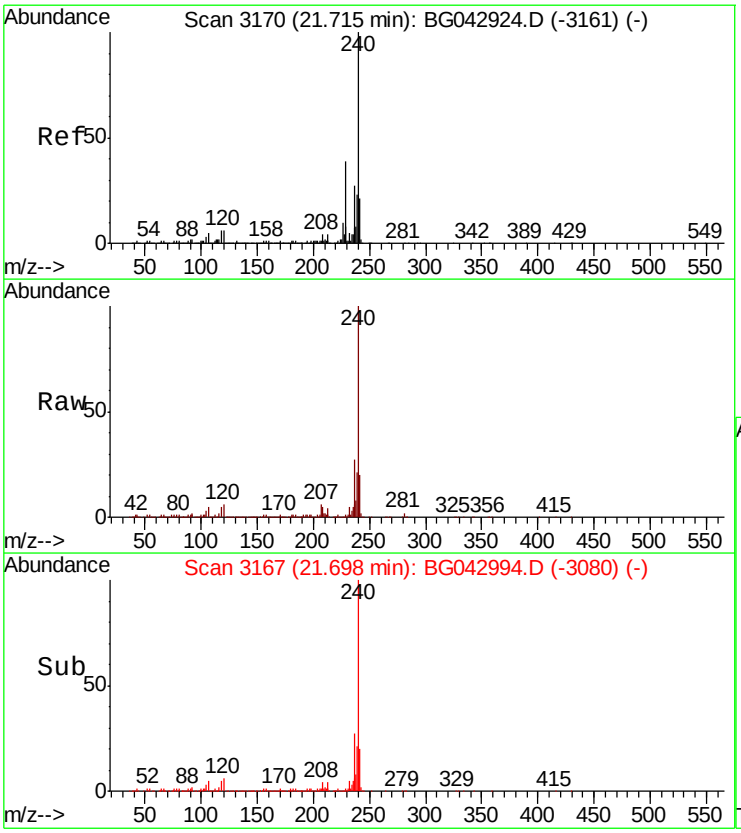
#67
4-Bromophenyl-phenylether
Concen: 2.802 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.46 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

Instrument :
BNA_G
ClientSampleId :
20190772-SS-COMPOSITE-12

Tgt Ion:248 Resp: 16131

Ion	Ratio	Lower	Upper
248	100		
250	206.8	75.8	113.8#
141	454.6	51.1	76.7#

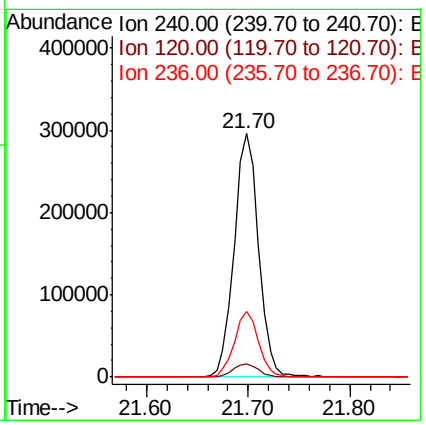


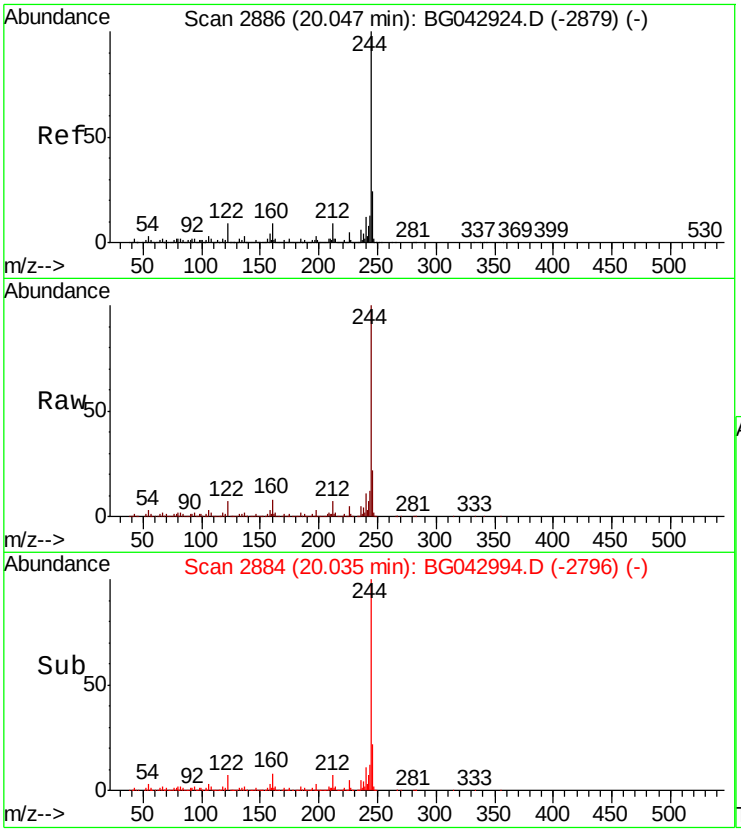


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

Tgt Ion:240 Resp: 495293

Ion	Ratio	Lower	Upper
240	100		
120	5.6	4.8	7.2
236	27.1	21.4	32.0



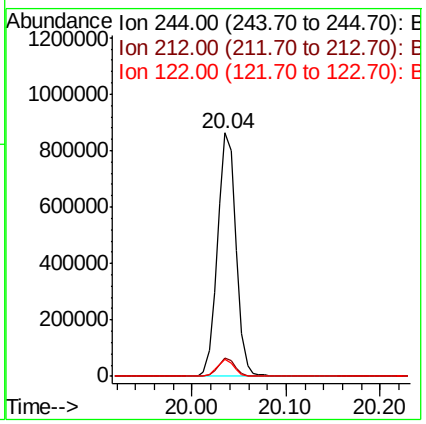


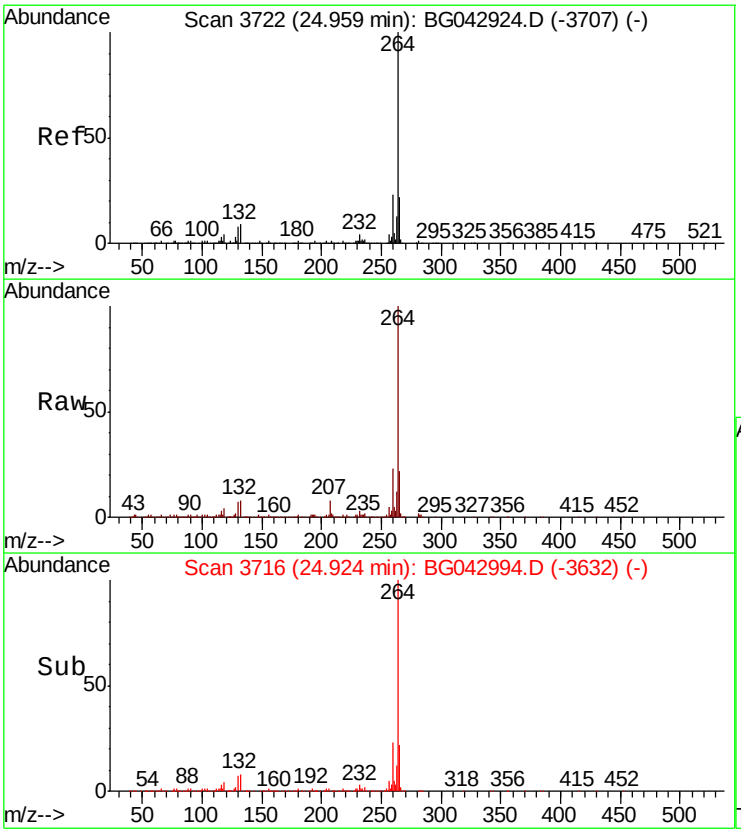
#79
Terphenyl-d14
Concen: 50.880 ng
RT: 20.04 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

Instrument :
BNA_G
ClientSampleId :
20190772-SS-COMPOSITE-12

Tgt Ion:244 Resp: 1182628

Ion	Ratio	Lower	Upper
244	100		
212	7.3	7.4	11.0#
122	7.1	7.0	10.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.03 min
Lab File: BG042994.D
Acq: 2 Oct 2019 21:01

Tgt Ion:264 Resp: 582300

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	21.9	17.7	26.5