Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112519\
Data File : BG043774.D
Acq On : 25 Nov 2019 18:13
Operator : JU
Sample : K5933-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-COMP-02

Quant Time: Nov 26 00:25:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 23 00:54:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	63550	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	303903	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	243310	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	754248	20.00	ng	0.00
76) Chrysene-d12	21.65	240	771275	20.00	ng	-0.01
87) Perylene-d12	24.83	264	729904	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	598299	169.25	ng	0.00
7) Phenol-d6	7.18	99	885839	172.39	ng	0.00
23) Nitrobenzene-d5	9.18	82	500453	90.54	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	453553	154.55	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1265540	85.50	ng	0.00
79) Terphenyl-d14	20.01	244	2986308	87.49	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	8443	5.387	ng	# 1
19) n-Nitroso-di-n-propylamine	9.18	70	65291	16.157	ng	# 74
51) 2,6-Dinitrotoluene	14.65	165	32670	9.127	ng	# 27
57) 2,4-Dinitrotoluene	14.65	165	32670	6.581	ng	# 25
60) Diethylphthalate	15.46	149	649	Below Cal		# 57
65) 4,6-Dinitro-2-methylphenol	16.13	198	1835	4.847	ng	# 1
67) 4-Bromophenyl-phenylether	16.13	248	35356	4.445	ng	# 1
73) Carbazole	17.78	167	538	Below Cal		# 78
77) Benzidine	19.61	184	271577	12.054	ng	98

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

Quantitation Report (Not Reviewed)

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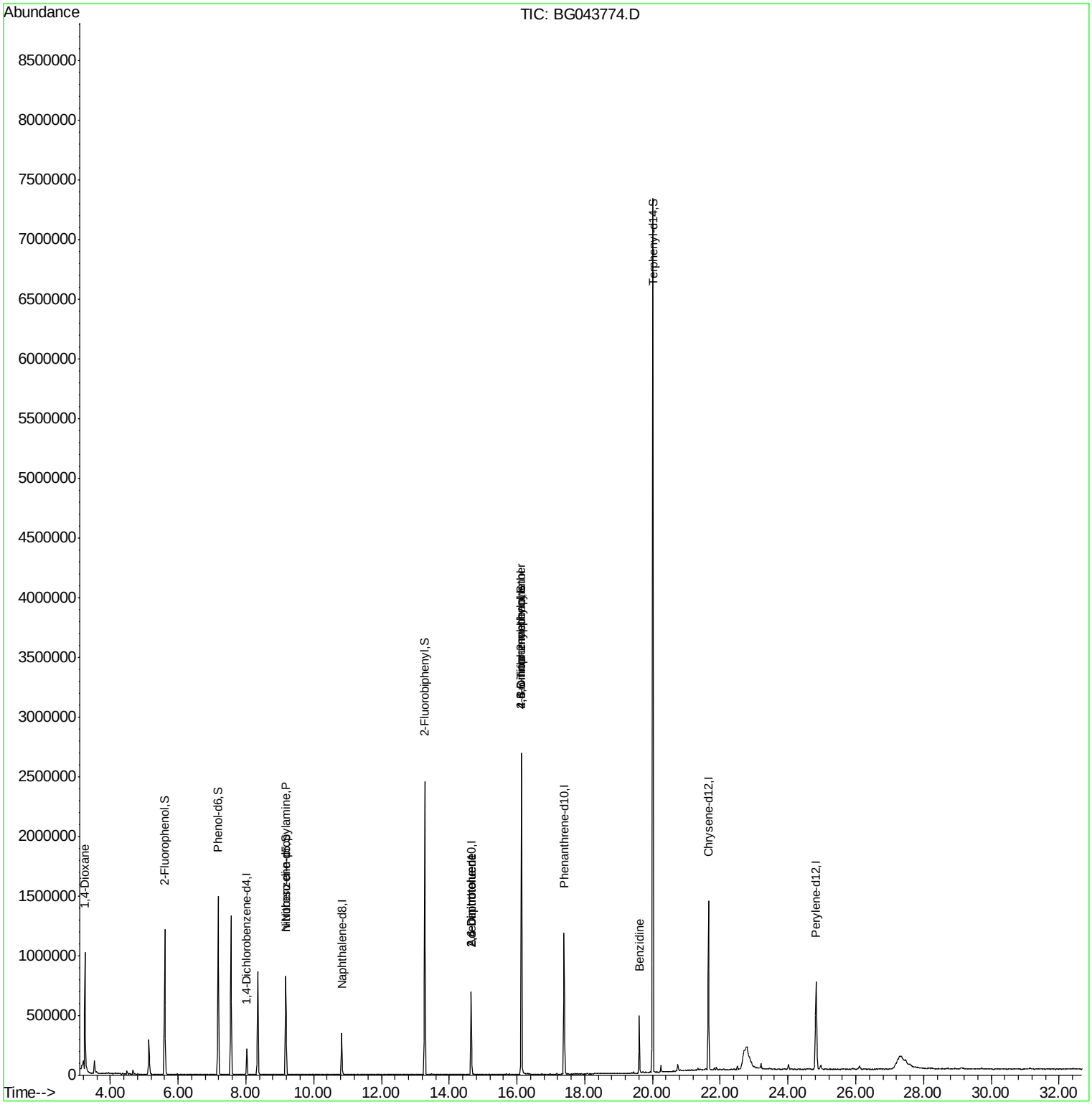
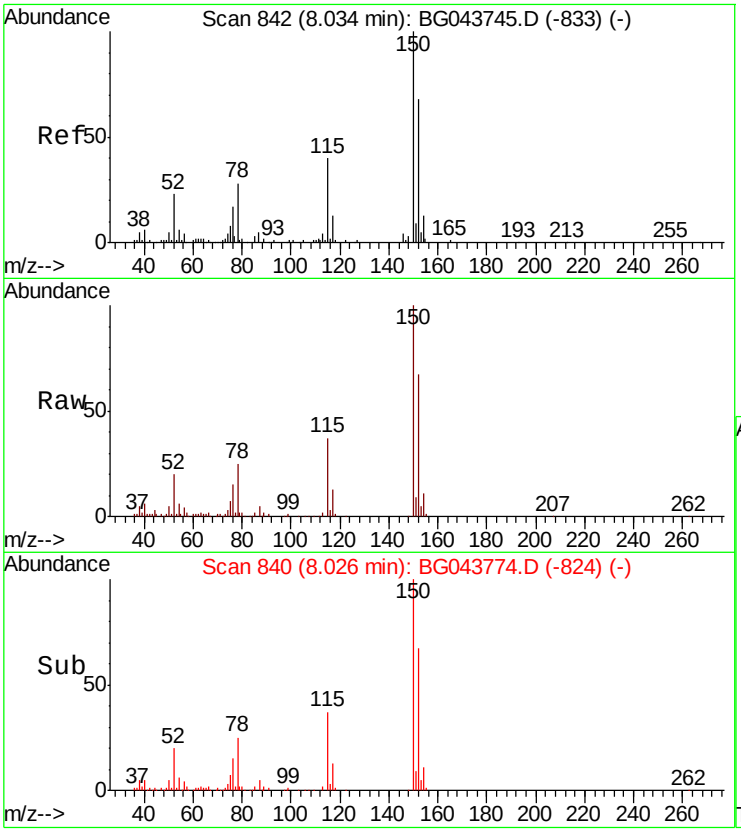


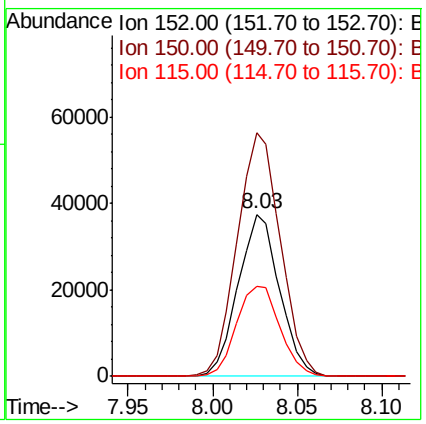


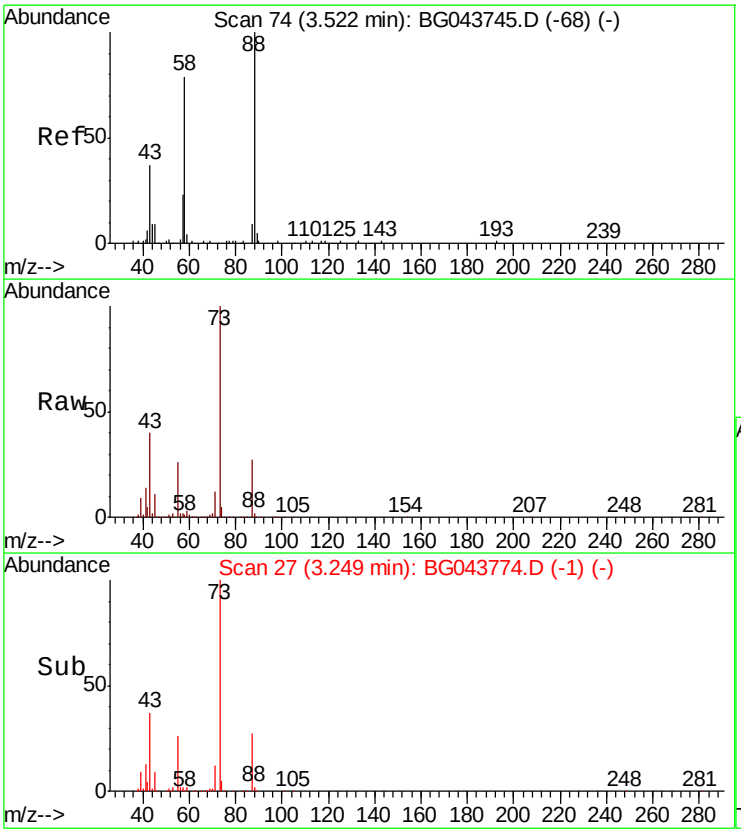
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG043774.D
Acq: 25 Nov 2019 18:13

Instrument :
BNA_G
ClientSampleId :
WC-COMP-02

Tgt Ion:152 Resp: 63550

Ion	Ratio	Lower	Upper
152	100		
150	150.2	117.8	176.8
115	55.7	47.0	70.4

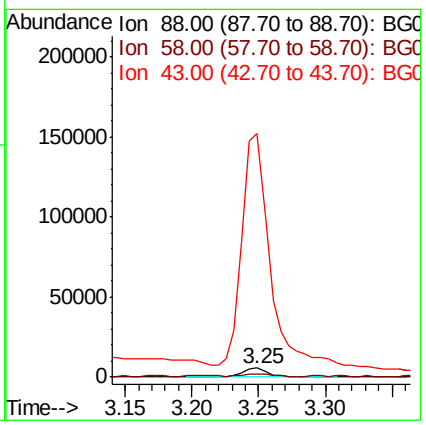


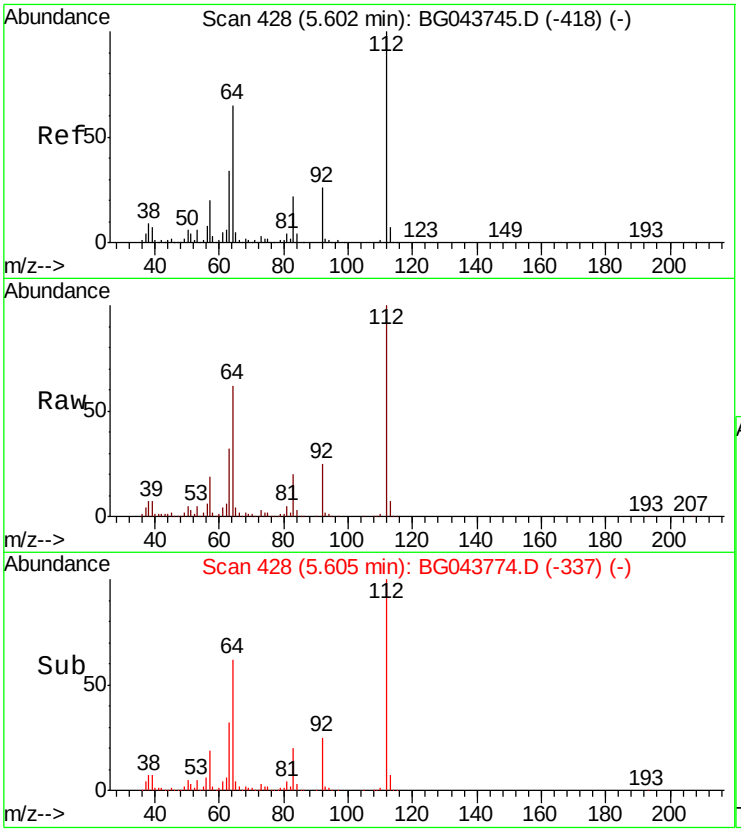


#2
1,4-Dioxane
Concen: 5.387 ng
RT: 3.25 min Scan# 27
Delta R.T. -0.27 min
Lab File: BG043774.D
Acq: 25 Nov 2019 18:13

Tgt Ion: 88 Resp: 8443

Ion	Ratio	Lower	Upper
88	100		
58	25.8	62.3	93.5#
43	2700.1	28.9	43.3#



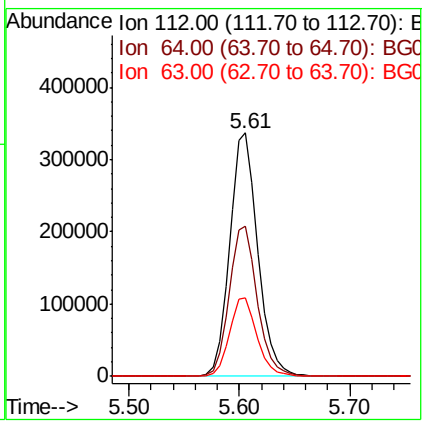


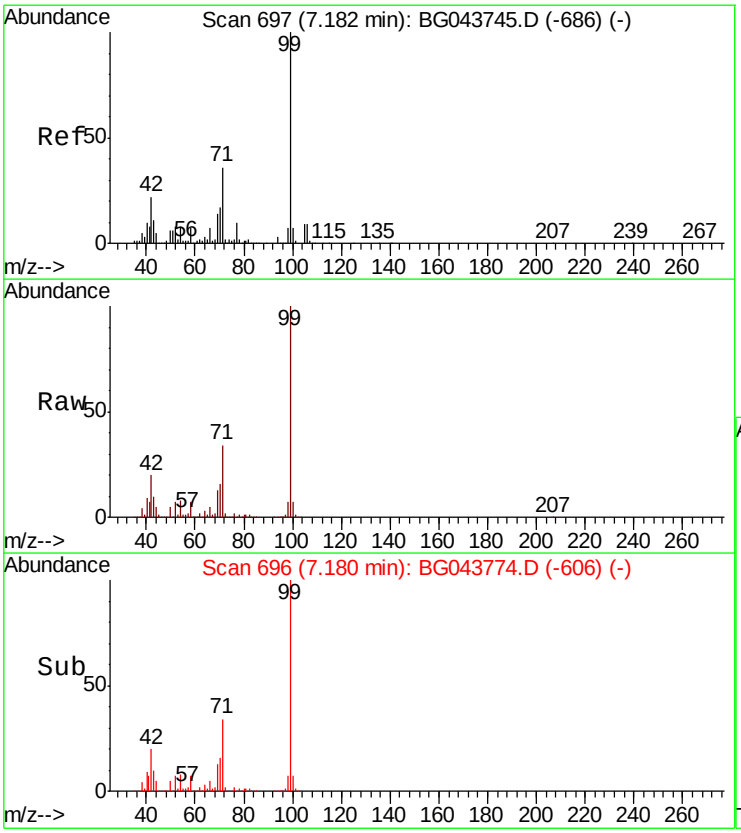
#5
2-Fluorophenol
Concen: 169.254 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG043774.D
Acq: 25 Nov 2019 18:13

Instrument :
BNA_G
ClientSampleId :
WC-COMP-02

Tgt Ion:112 Resp: 598299

Ion	Ratio	Lower	Upper
112	100		
64	61.6	51.7	77.5
63	32.1	26.8	40.2

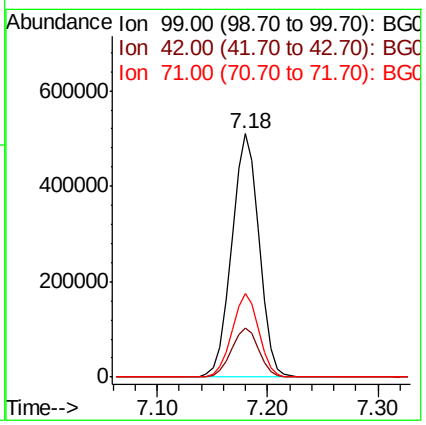


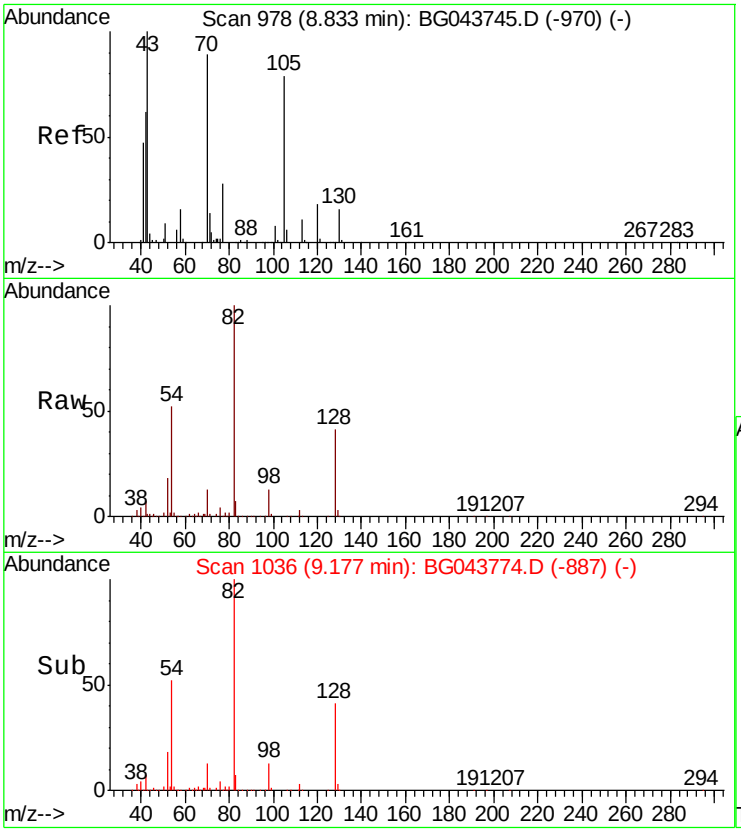


#7
Phenol-d6
Concen: 172.389 ng
RT: 7.18 min Scan# 696
Delta R.T. -0.00 min
Lab File: BG043774.D
Acq: 25 Nov 2019 18:13

Tgt Ion: 99 Resp: 885839

Ion	Ratio	Lower	Upper
99	100		
42	20.0	17.4	26.0
71	34.2	29.5	44.3



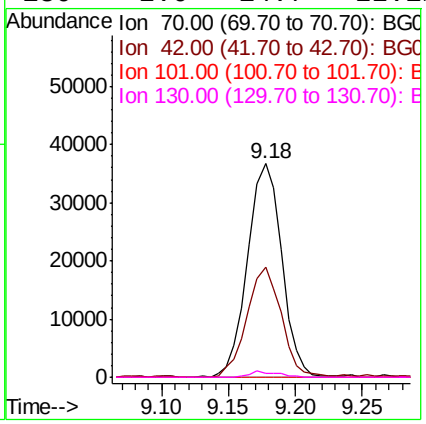


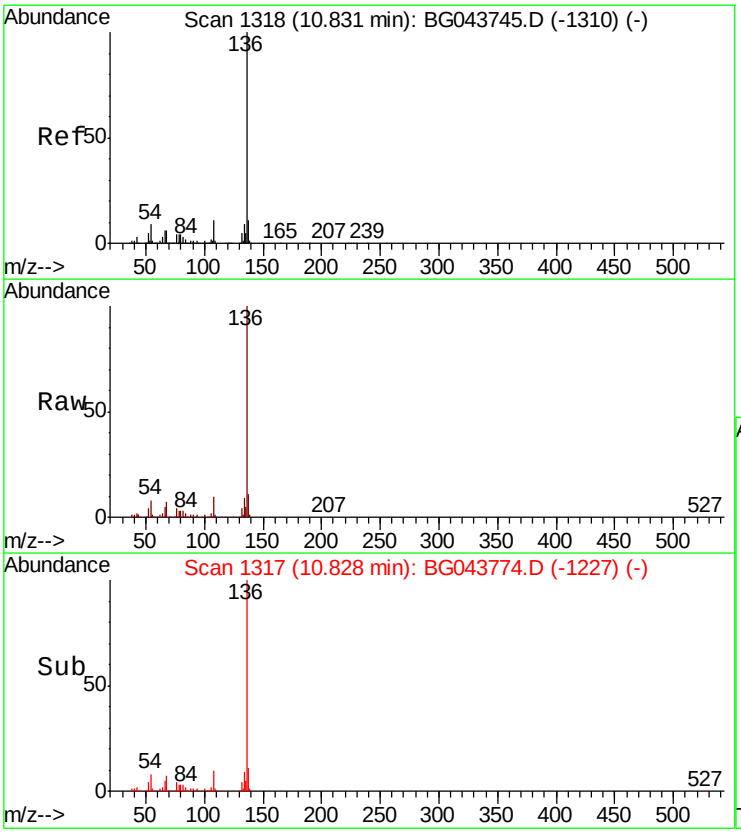
#19
n-Nitroso-di-n-propylamine
Concen: 16.157 ng
RT: 9.18 min Scan# 1036
Delta R.T. 0.34 min
Lab File: BG043774.D
Acq: 25 Nov 2019 18:13

Instrument :
BNA_G
ClientSampleId :
WC-COMP-02

Tgt Ion: 70 Resp: 65291

Ion	Ratio	Lower	Upper
70	100		
42	51.7	56.4	84.6#
101	0.0	6.7	10.1#
130	2.0	14.7	22.1#

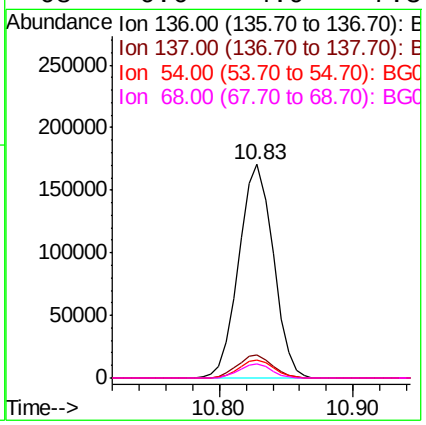


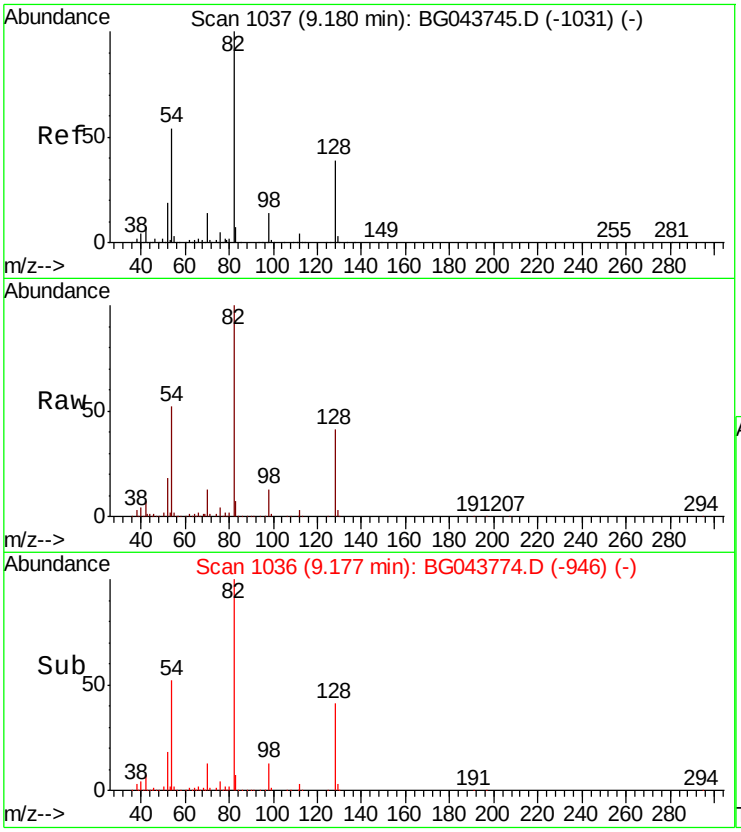


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043774.D
Acq: 25 Nov 2019 18:13

Tgt Ion:136 Resp: 303903

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	8.5	7.5	11.3
68	6.6	4.9	7.3



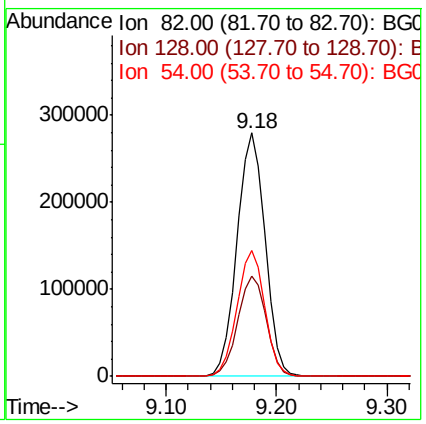


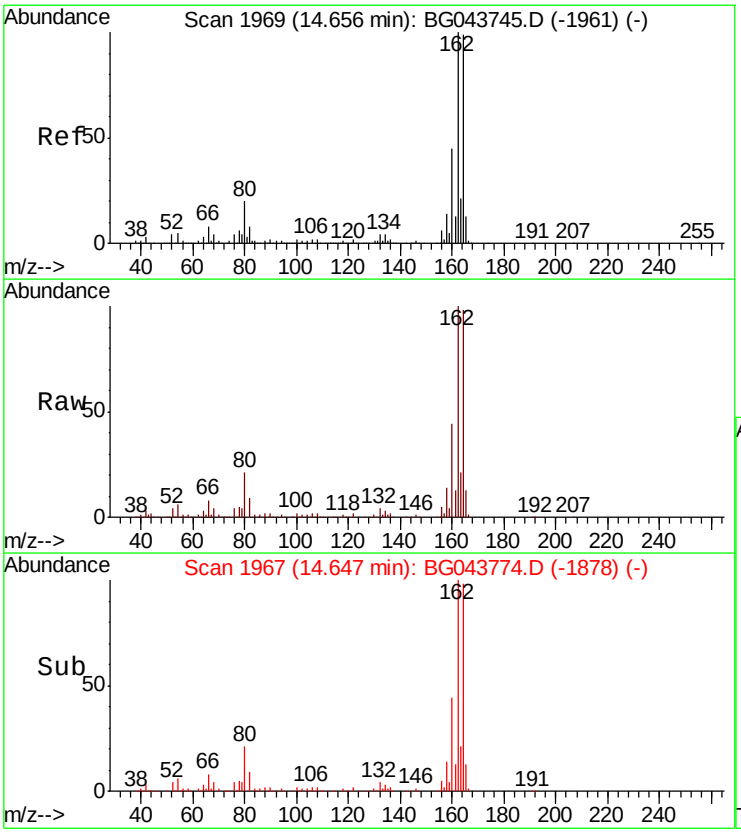
#23
Nitrobenzene-d5
Concen: 90.542 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG043774.D
Acq: 25 Nov 2019 18:13

Instrument :
BNA_G
ClientSampleId :
WC-COMP-02

Tgt Ion: 82 Resp: 500453

Ion	Ratio	Lower	Upper
82	100		
128	41.4	31.3	46.9
54	51.9	42.7	64.1

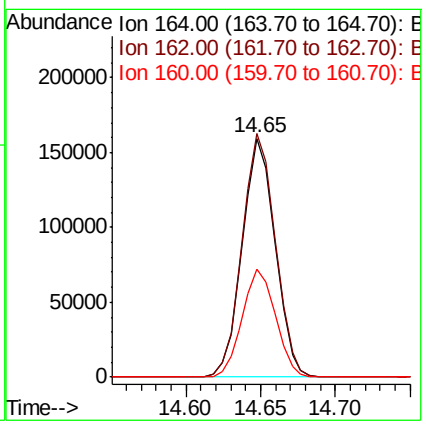


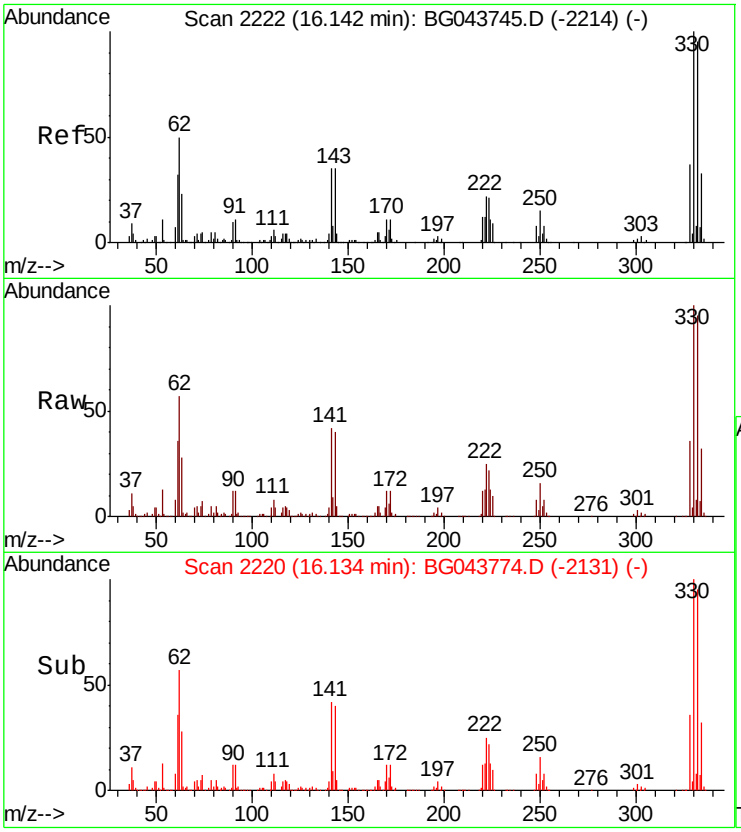


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG043774.D
Acq: 25 Nov 2019 18:13

Tgt Ion:164 Resp: 243310

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.6	121.0
160	45.0	36.3	54.5



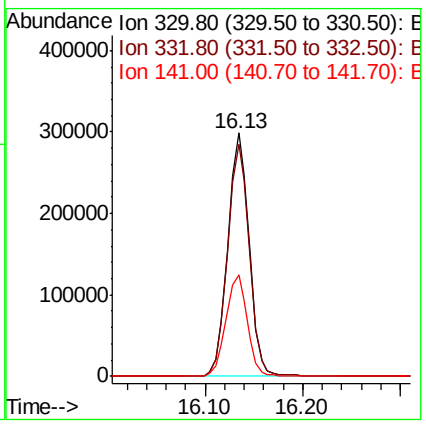


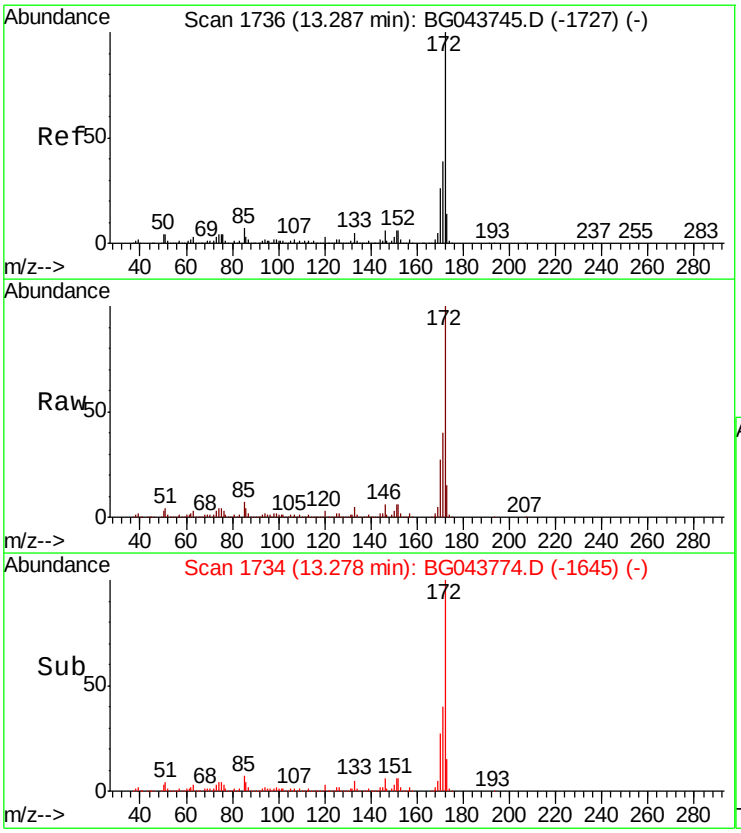
#42
2,4,6-Tribromophenol
Concen: 154.549 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BG043774.D
Acq: 25 Nov 2019 18:13

Instrument :
BNA_G
ClientSampleId :
WC-COMP-02

Tgt Ion:330 Resp: 453553

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	42.2	31.4	47.2

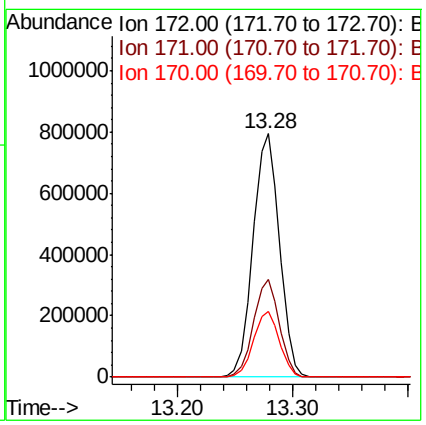


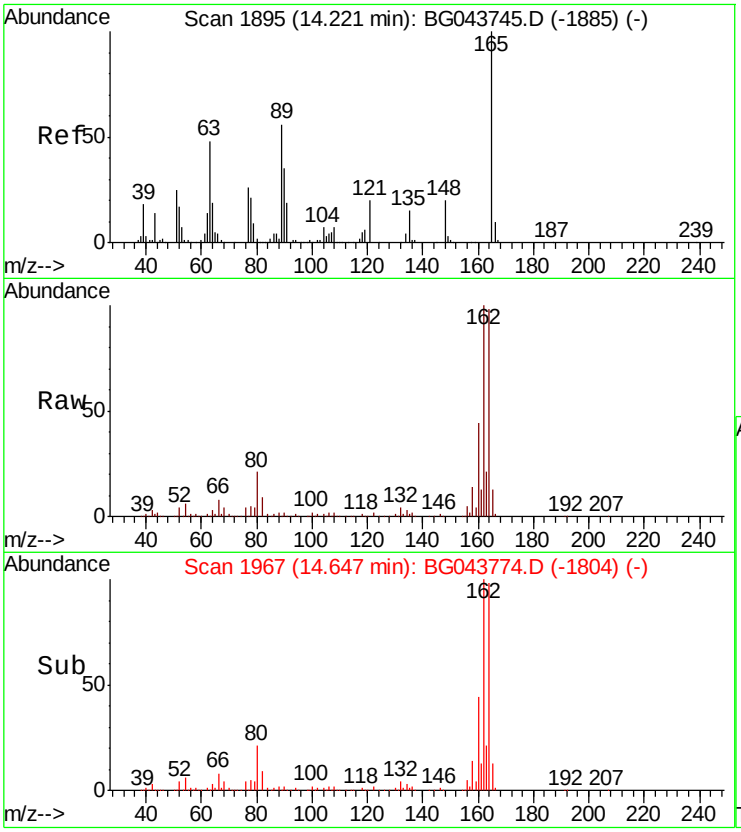


#45
2-Fluorobiphenyl
Concen: 85.499 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG043774.D
Acq: 25 Nov 2019 18:13

Tgt Ion:172 Resp: 1265540

Ion	Ratio	Lower	Upper
172	100		
171	40.0	31.0	46.6
170	26.9	21.0	31.4



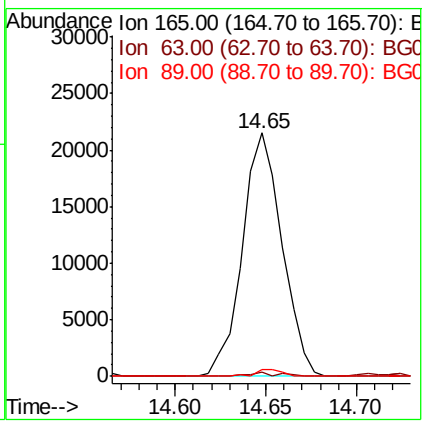


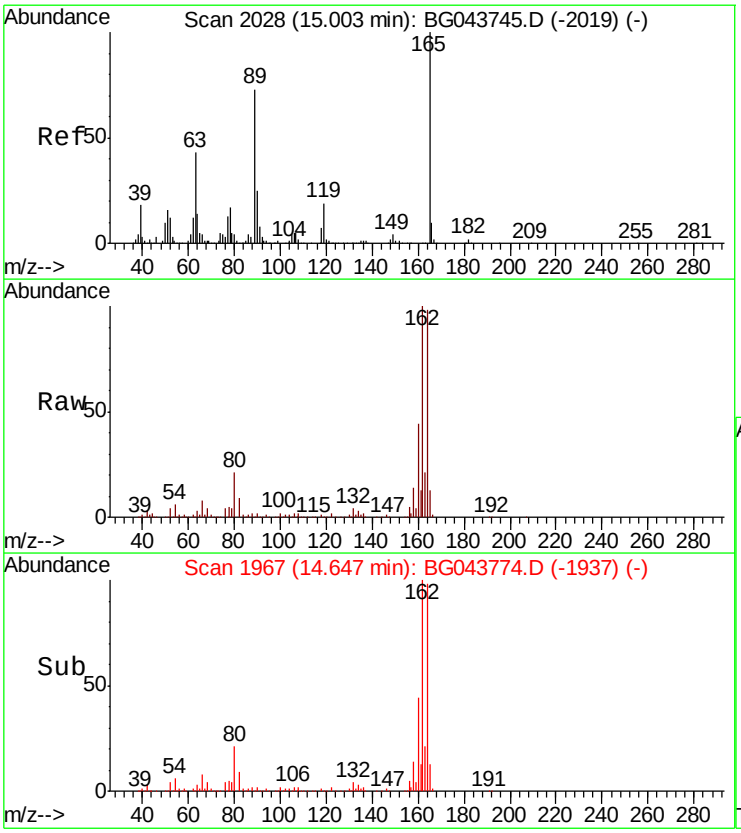
#51
2,6-Dinitrotoluene
Concen: 9.127 ng
RT: 14.65 min Scan# 1967
Delta R.T. 0.43 min
Lab File: BG043774.D
Acq: 25 Nov 2019 18:13

Instrument :
BNA_G
ClientSampleId :
WC-COMP-02

Tgt Ion:165 Resp: 32670

Ion	Ratio	Lower	Upper
165	100		
63	1.5	43.4	65.2#
89	2.8	44.6	67.0#

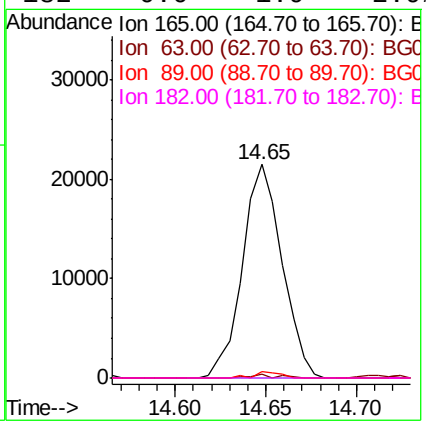


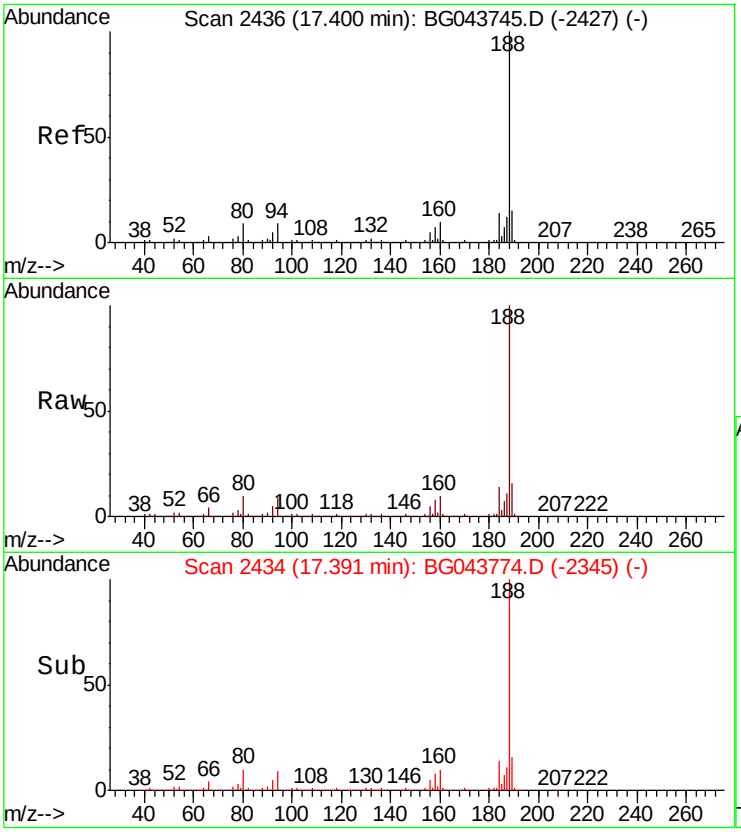


#57
2,4-Dinitrotoluene
Concen: 6.581 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.36 min
Lab File: BG043774.D
Acq: 25 Nov 2019 18:13

Tgt Ion:165 Resp: 32670

Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.6	51.8#
89	2.8	58.3	87.5#
182	0.0	1.9	2.9#



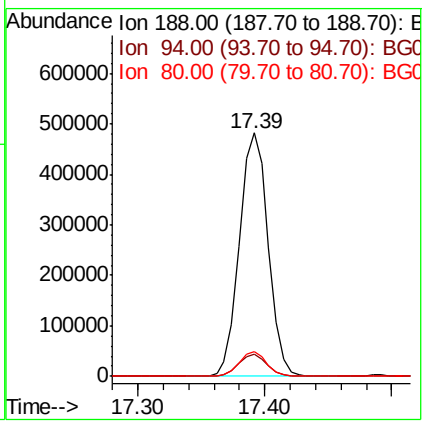


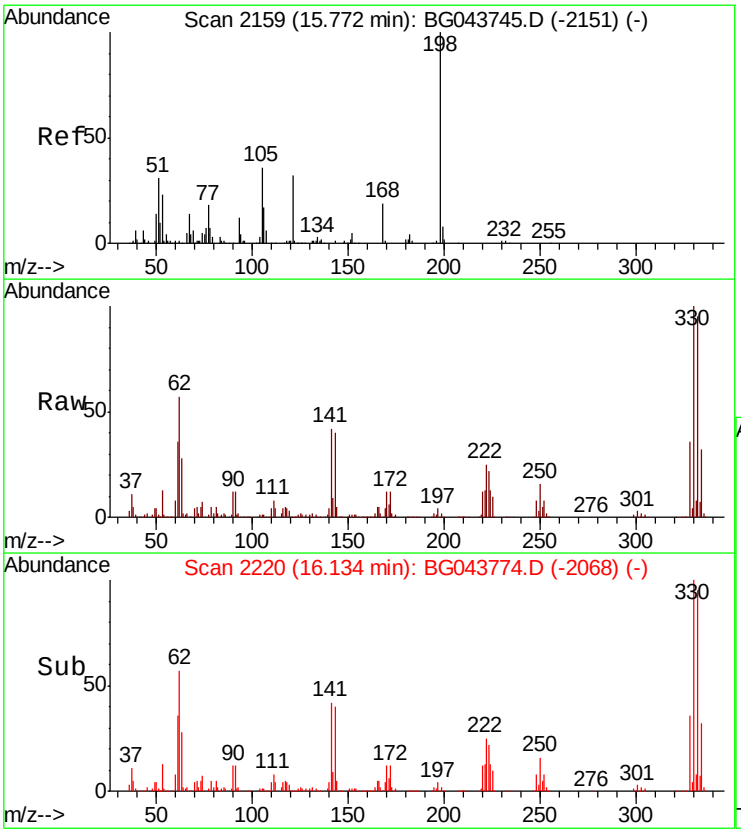
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BG043774.D
Acq: 25 Nov 2019 18:13

Instrument :
BNA_G
ClientSampleId :
WC-COMP-02

Tgt Ion:188 Resp: 754248

Ion	Ratio	Lower	Upper
188	100		
94	9.3	6.9	10.3
80	10.2	7.5	11.3

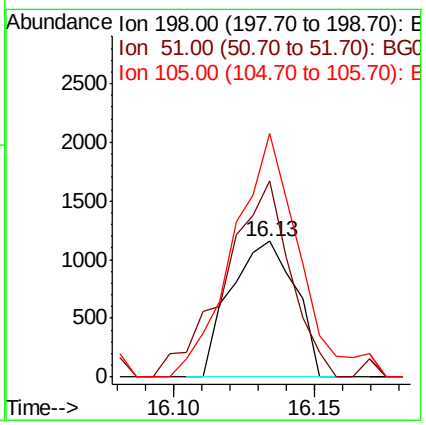


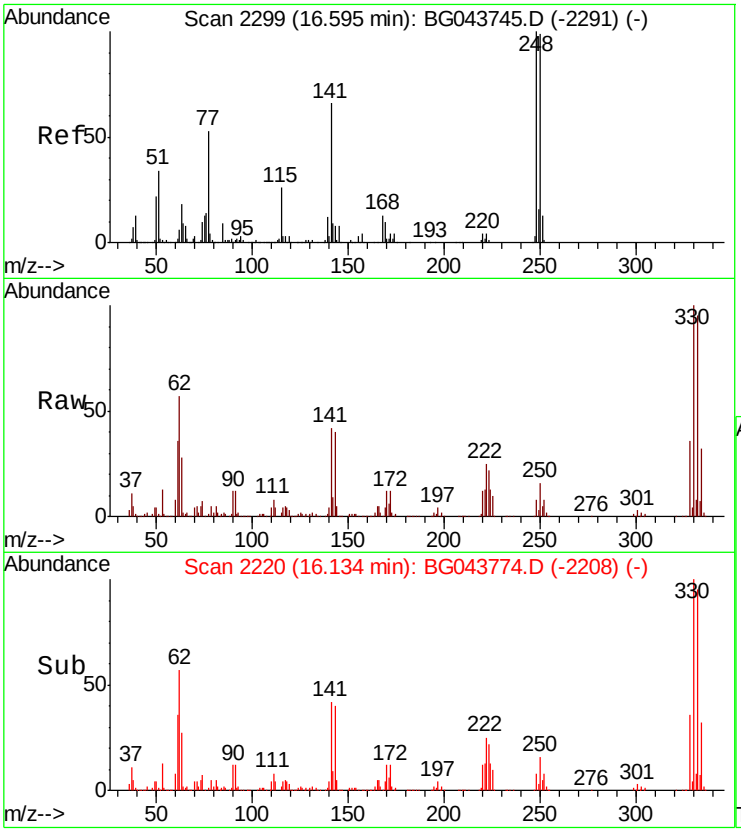


#65
4,6-Dinitro-2-methylphenol
Concen: 4.847 ng
RT: 16.13 min Scan# 2220
Delta R.T. 0.36 min
Lab File: BG043774.D
Acq: 25 Nov 2019 18:13

Tgt Ion:198 Resp: 1835

Ion	Ratio	Lower	Upper
198	100		
51	144.6	16.8	56.8#
105	179.1	17.3	57.3#



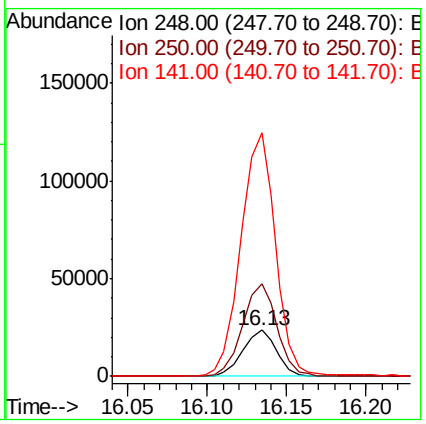


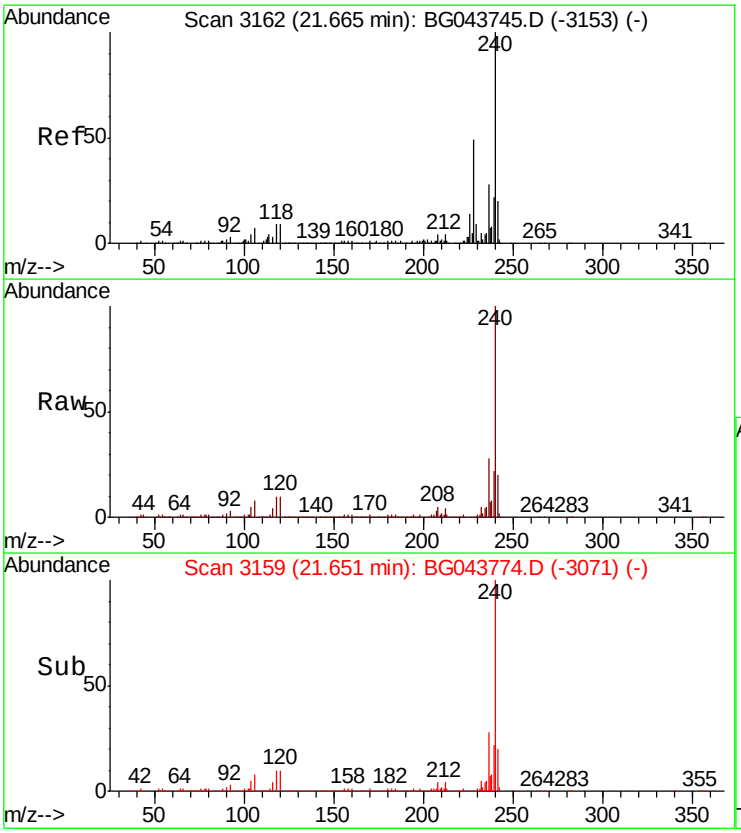
#67
4-Bromophenyl-phenylether
Concen: 4.445 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.46 min
Lab File: BG043774.D
Acq: 25 Nov 2019 18:13

Instrument :
BNA_G
ClientSampleId :
WC-COMP-02

Tgt Ion:248 Resp: 35356

Ion	Ratio	Lower	Upper
248	100		
250	198.5	79.3	118.9#
141	524.4	53.0	79.6#

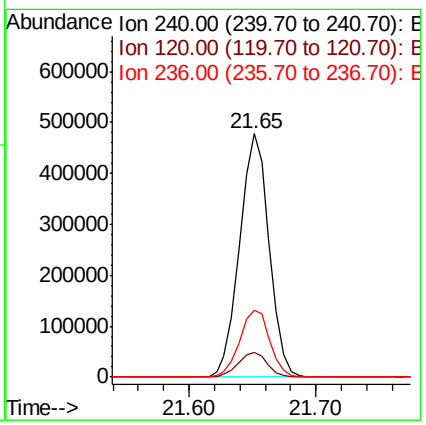


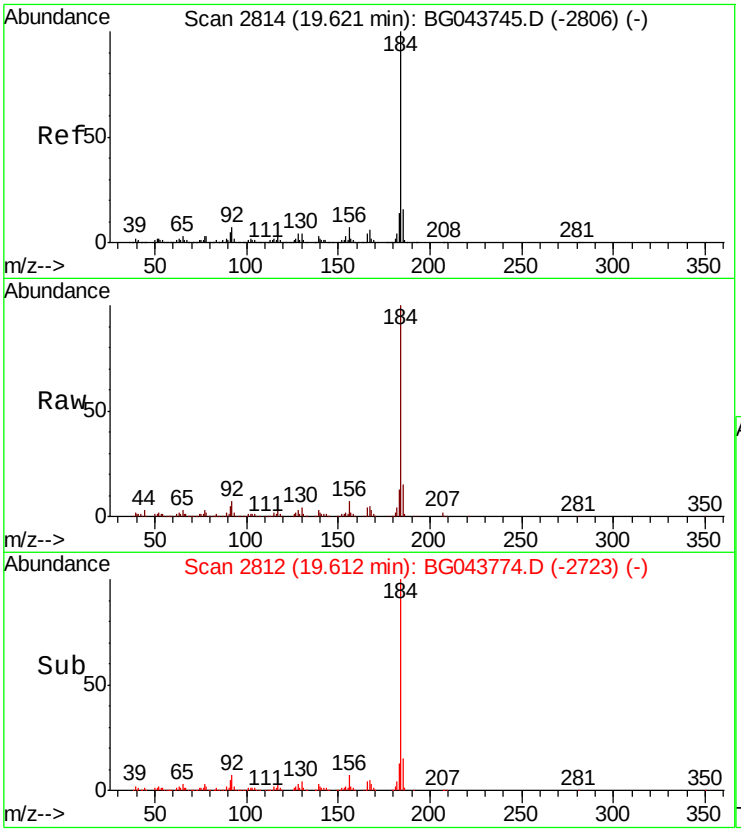


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG043774.D
Acq: 25 Nov 2019 18:13

Tgt Ion:240 Resp: 771275

Ion	Ratio	Lower	Upper
240	100		
120	10.2	7.5	11.3
236	27.5	22.6	34.0



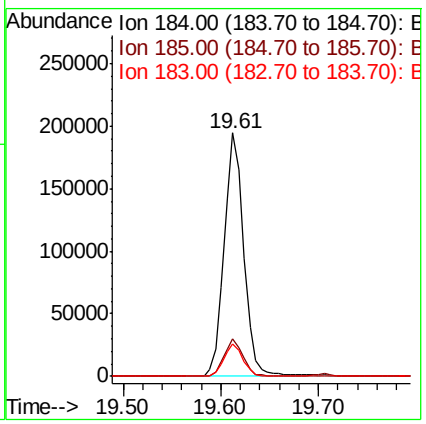


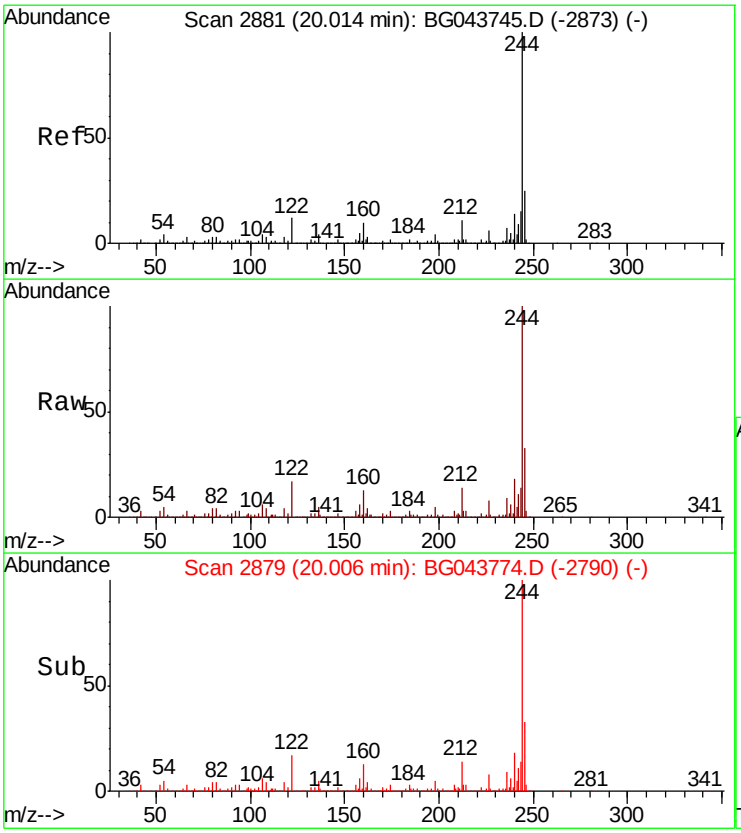
#77
Benzidine
Concen: 12.054 ng
RT: 19.61 min Scan# 2812
Delta R.T. -0.01 min
Lab File: BG043774.D
Acq: 25 Nov 2019 18:13

Instrument :
BNA_G
ClientSampleId :
WC-COMP-02

Tgt Ion:184 Resp: 271577

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.8	19.2
183	13.2	11.3	16.9

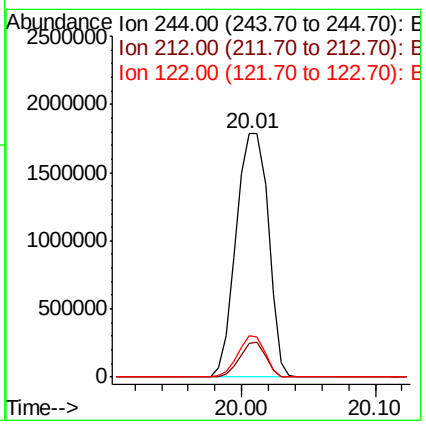


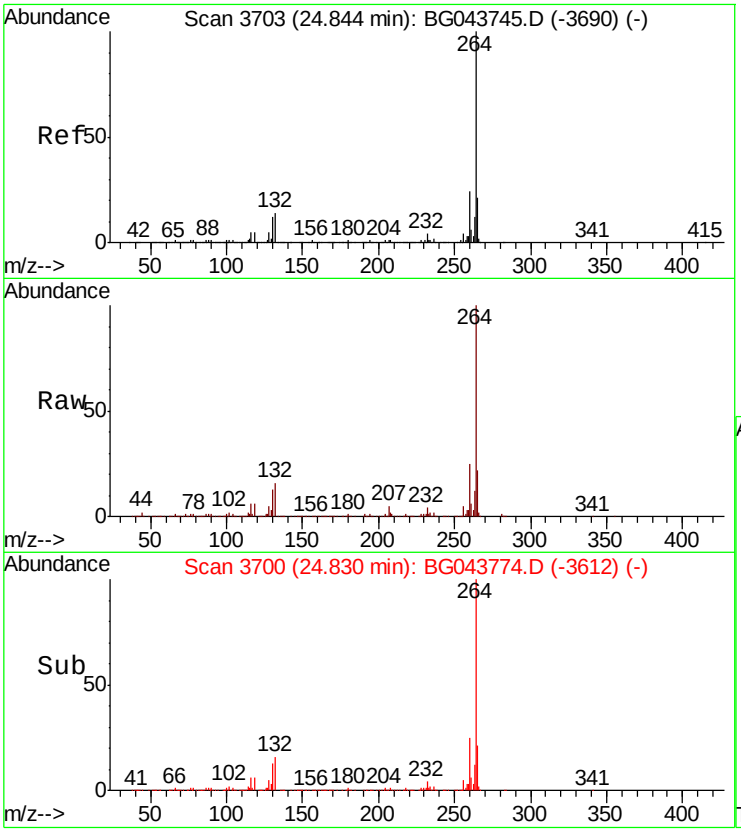


#79
Terphenyl-d14
Concen: 87.491 ng
RT: 20.01 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG043774.D
Acq: 25 Nov 2019 18:13

Tgt Ion:244 Resp: 2986308

Ion	Ratio	Lower	Upper
244	100		
212	13.7	8.5	12.7#
122	17.0	9.5	14.3#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3700
Delta R.T. -0.01 min
Lab File: BG043774.D
Acq: 25 Nov 2019 18:13

Instrument :
BNA_G
ClientSampleId :
WC-COMP-02

Tgt Ion:264 Resp: 729904

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.4	29.2
265	21.6	17.0	25.6