Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG010620\

Quantitation Report (Not Reviewed)

Data File : BG043931.D
Acq On : 6 Jan 2020 14:44
Operator : JU
Sample : PB125814BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB125814BL

Quant Time: Jan 07 04:45:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	127798	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	563101	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	380351	20.00	ng		0.00
64) Phenanthrene-d10	17.33	188	810298	20.00	ng		0.00
76) Chrysene-d12	21.58	240	683031	20.00	ng		0.00
87) Perylene-d12	24.71	264	773616	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	660899	94.95	ng		0.00
7) Phenol-d6	7.13	99	621056	63.83	ng		0.00
23) Nitrobenzene-d5	9.11	82	893536	84.89	ng		0.00
42) 2,4,6-Tribromophenol	16.08	330	560575	140.84	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	1925673	91.73	ng		0.00
79) Terphenyl-d14	19.95	244	2602126	94.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	19978	6.583	ng	#	1
10) Phenol	7.15	94	56265	5.613	ng		96
19) n-Nitroso-di-n-propylamine	9.11	70	119589	16.505	ng	#	79
50) Dimethylphthalate	14.04	163	191013	7.073	ng		96
57) 2,4-Dinitrotoluene	14.59	165	50982	6.138	ng	#	27
65) 4,6-Dinitro-2-methylphenol	16.08	198	2037	4.833	ng	#	27
67) 4-Bromophenyl-phenylether	16.08	248	41822	4.589	ng	#	1
77) Benzidine	19.95	184	56554	3.294	ng	#	95

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG010620\

Quantitation Report (Not Reviewed)

Data File : BG043931.D
Acq On : 6 Jan 2020 14:44
Operator : JU
Sample : PB125814BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB125814BL

Quant Time: Jan 07 04:45:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
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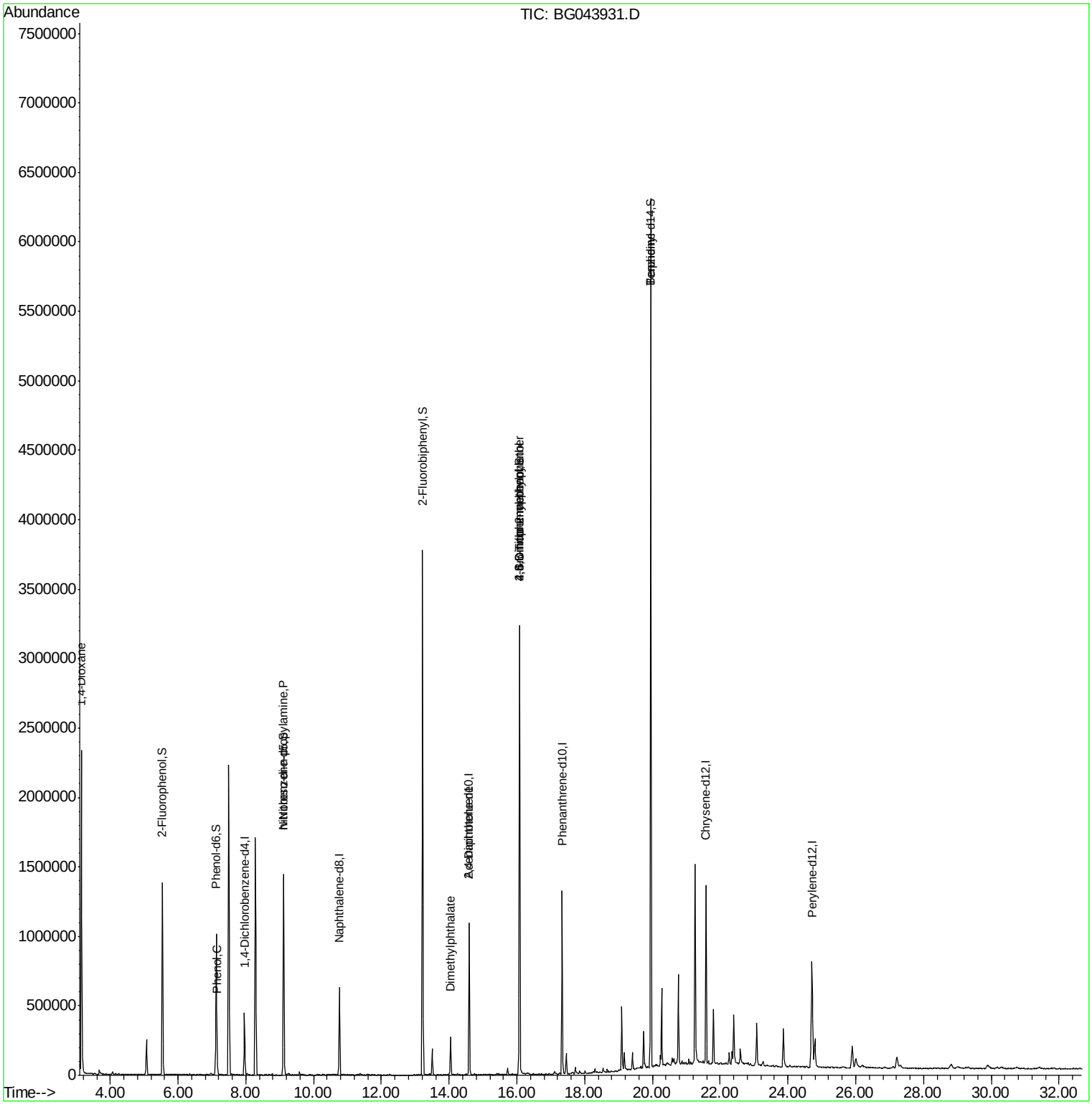
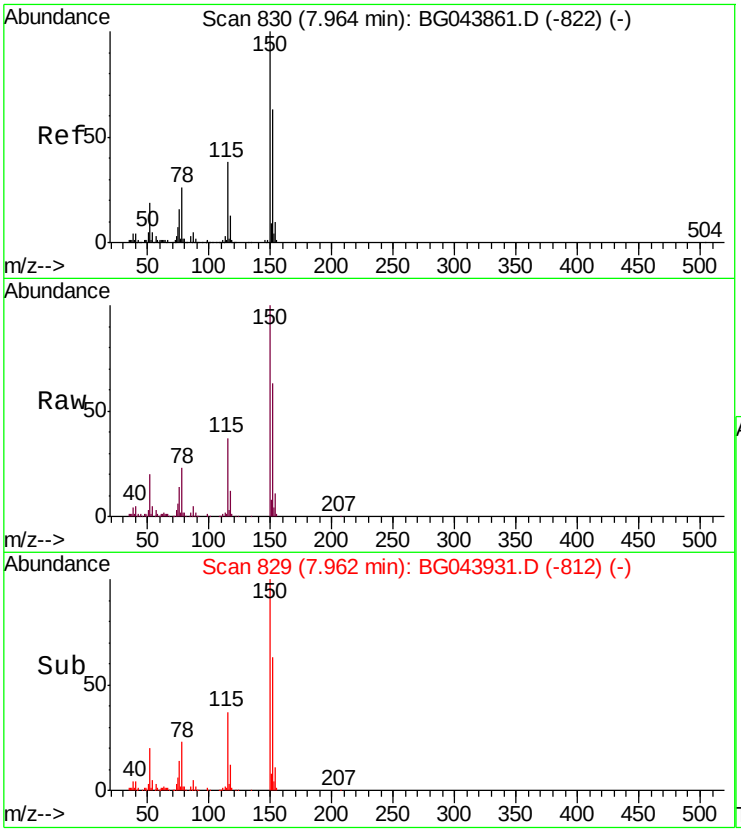


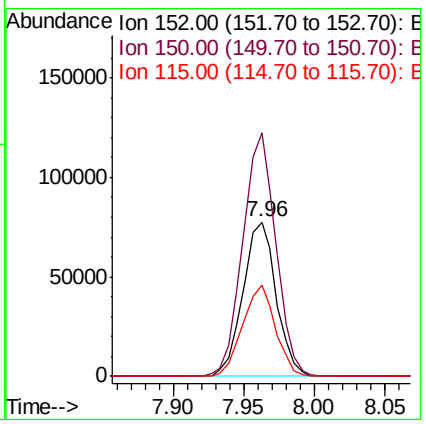


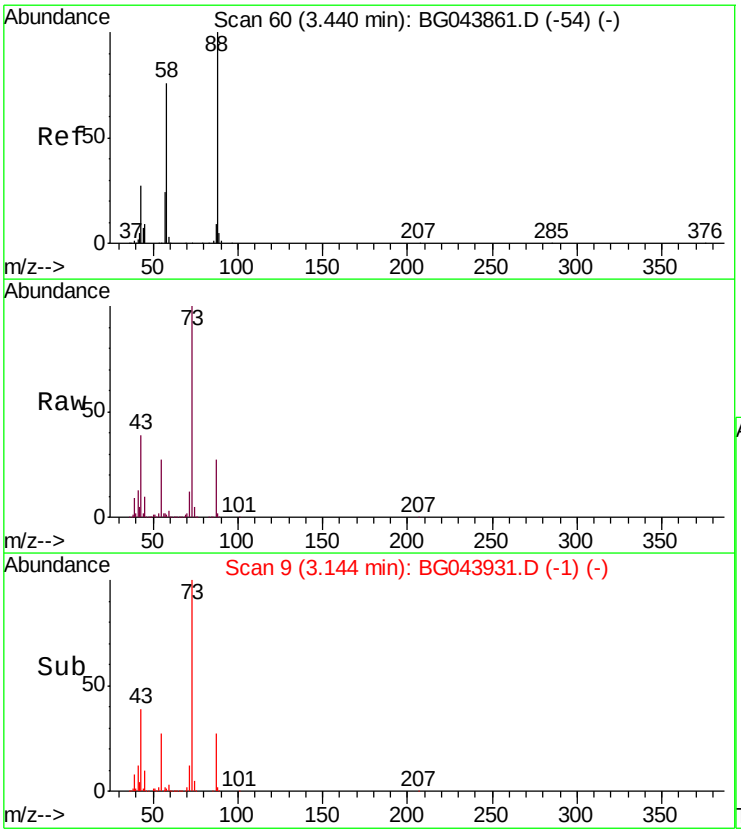
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG043931.D
Acq: 6 Jan 2020 14:44

Instrument :
BNA_G
ClientSampleId :
PB125814BL

Tgt Ion:152 Resp: 127798

Ion	Ratio	Lower	Upper
152	100		
150	158.0	127.0	190.4
115	58.9	47.8	71.8

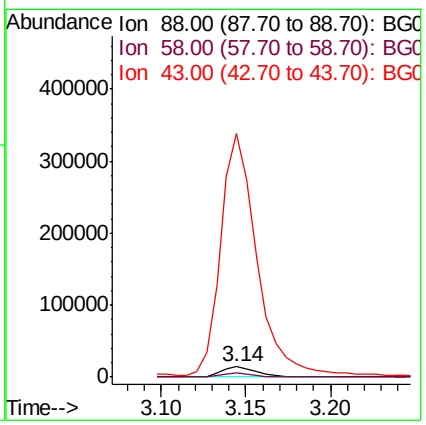


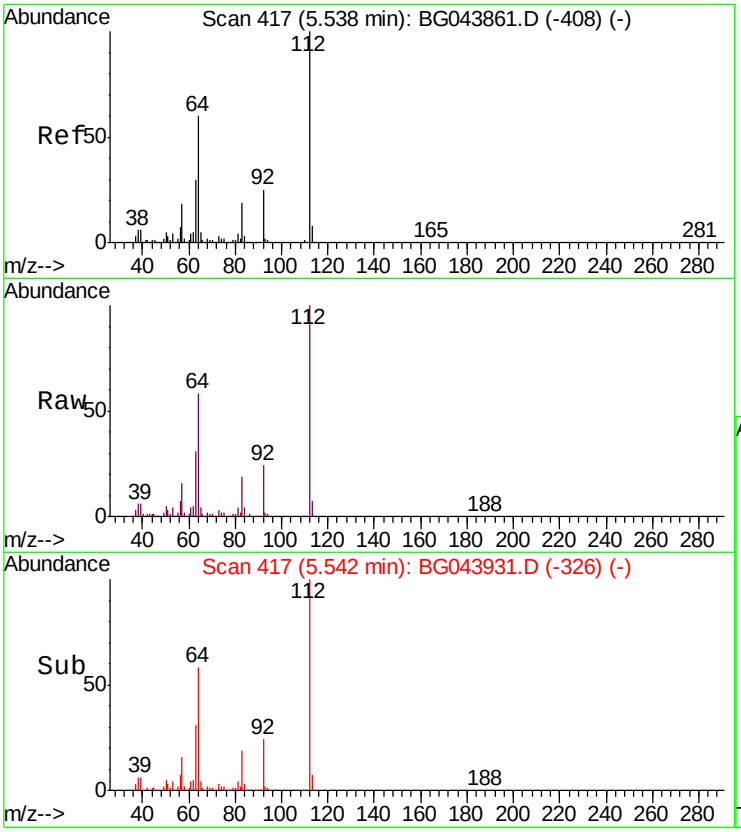


#2
1,4-Dioxane
Concen: 6.583 ng
RT: 3.14 min Scan# 9
Delta R.T. -0.30 min
Lab File: BG043931.D
Acq: 6 Jan 2020 14:44

Tgt Ion: 88 Resp: 19978

Ion	Ratio	Lower	Upper
88	100		
58	35.9	59.8	89.8#
43	2513.8	22.9	34.3#



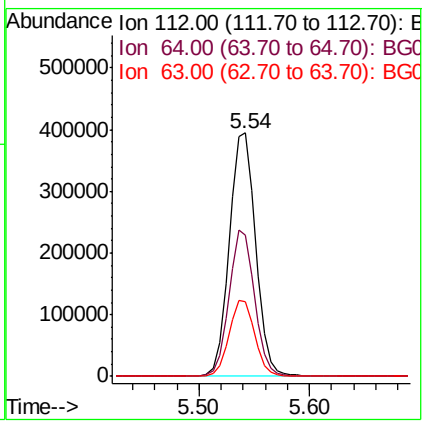


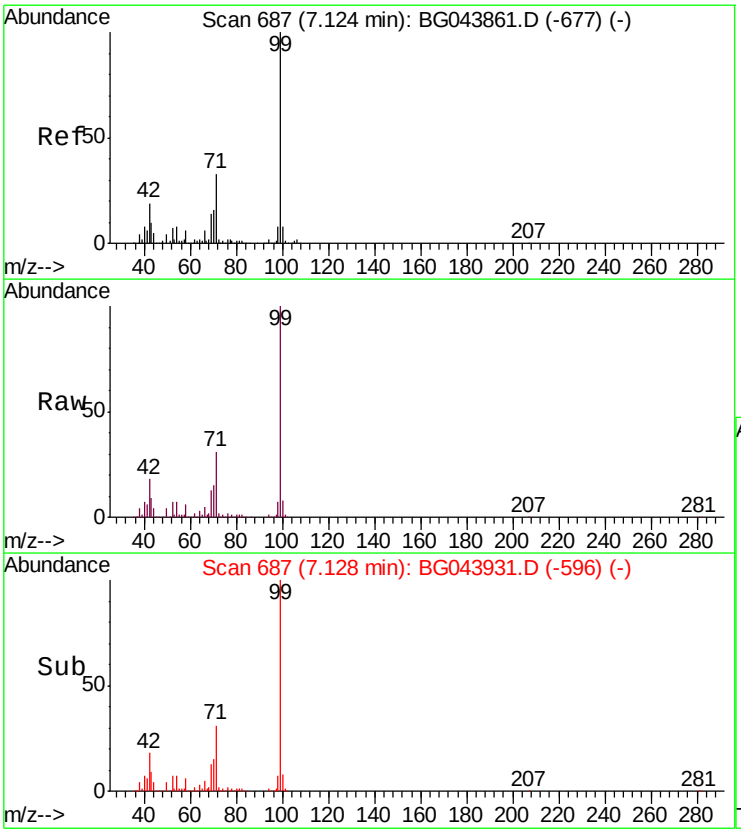
#5
2-Fluorophenol
Concen: 94.954 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG043931.D
Acq: 6 Jan 2020 14:44

Instrument :
BNA_G
ClientSampleId :
PB125814BL

Tgt Ion:112 Resp: 660899

Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.8	71.6
63	30.9	24.3	36.5

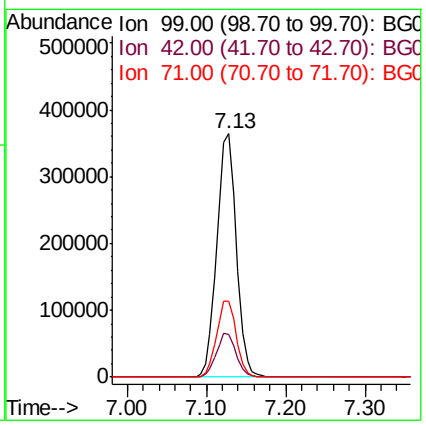


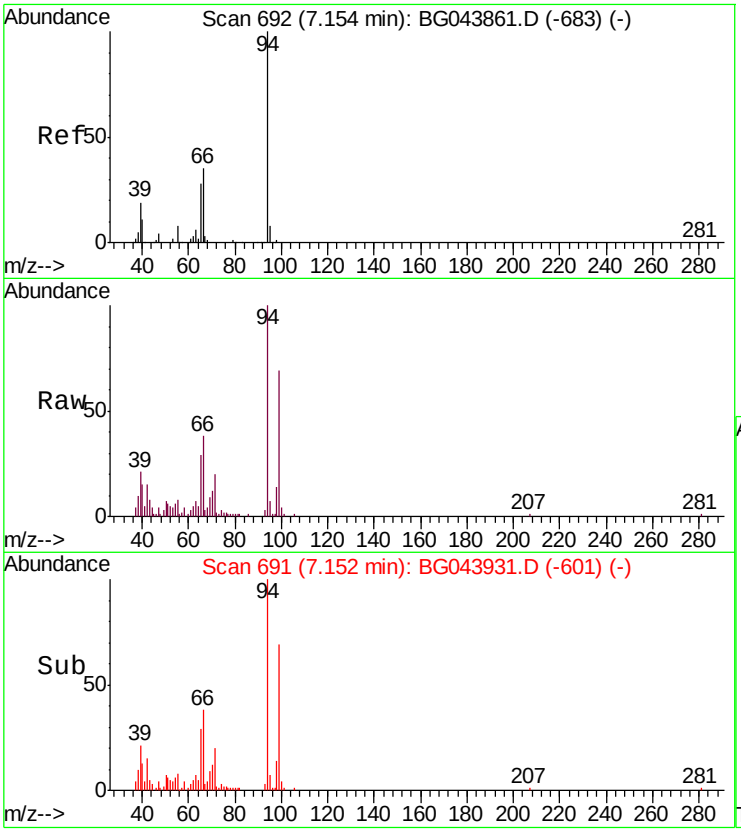


#7
Phenol-d6
Concen: 63.835 ng
RT: 7.13 min Scan# 687
Delta R.T. 0.00 min
Lab File: BG043931.D
Acq: 6 Jan 2020 14:44

Tgt Ion: 99 Resp: 621056

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.9	22.3
71	30.9	26.4	39.6



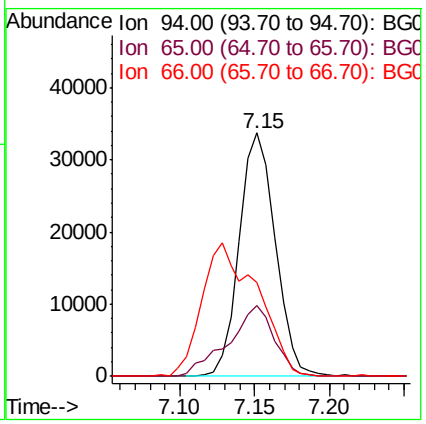


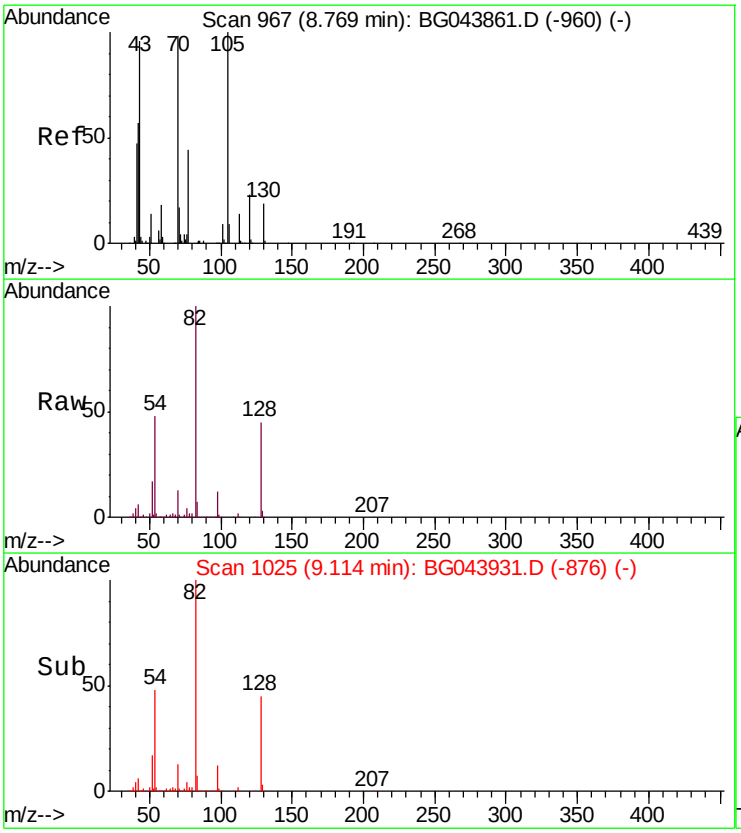
#10
Phenol
Concen: 5.613 ng
RT: 7.15 min Scan# 691
Delta R.T. -0.00 min
Lab File: BG043931.D
Acq: 6 Jan 2020 14:44

Instrument :
BNA_G
ClientSampleId :
PB125814BL

Tgt Ion: 94 Resp: 56265

Ion	Ratio	Lower	Upper
94	100		
65	29.2	8.1	48.1
66	38.3	15.6	55.6

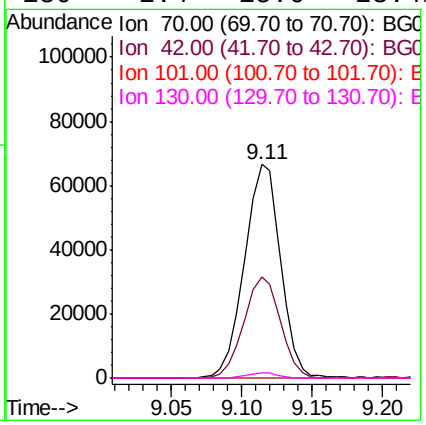


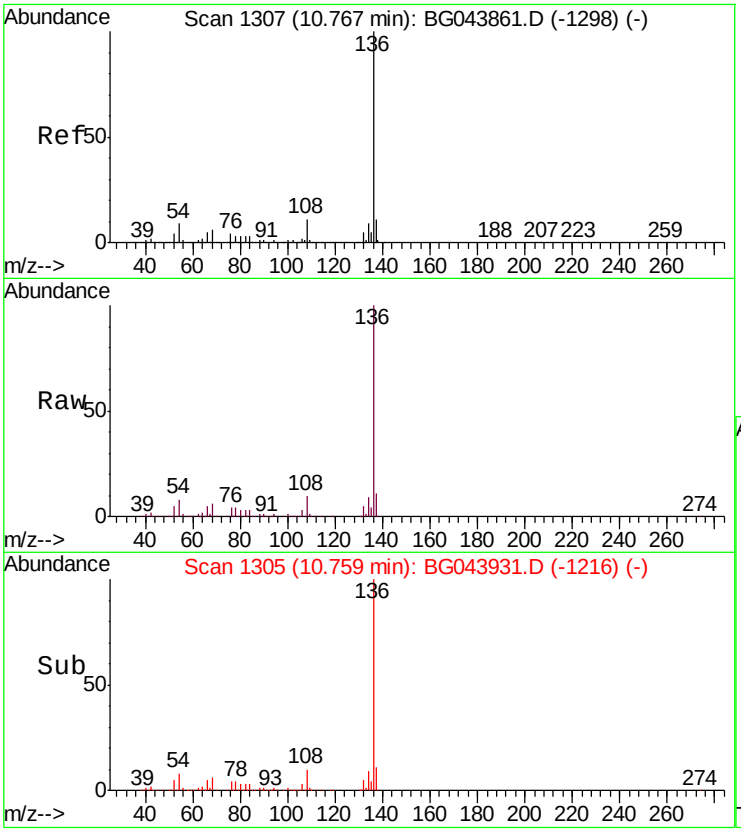


#19
n-Nitroso-di-n-propylamine
Concen: 16.505 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.34 min
Lab File: BG043931.D
Acq: 6 Jan 2020 14:44

Tgt Ion: 70 Resp: 119589

Ion	Ratio	Lower	Upper
70	100		
42	47.4	47.0	70.4
101	0.0	7.2	10.8#
130	2.4	15.6	23.4#



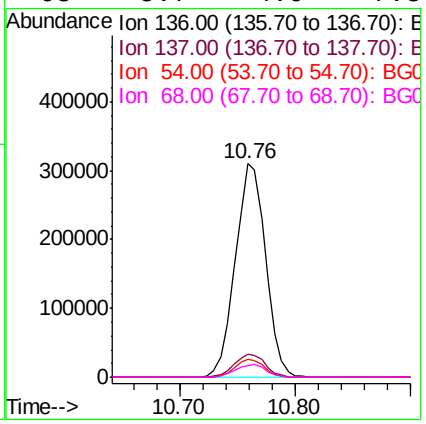


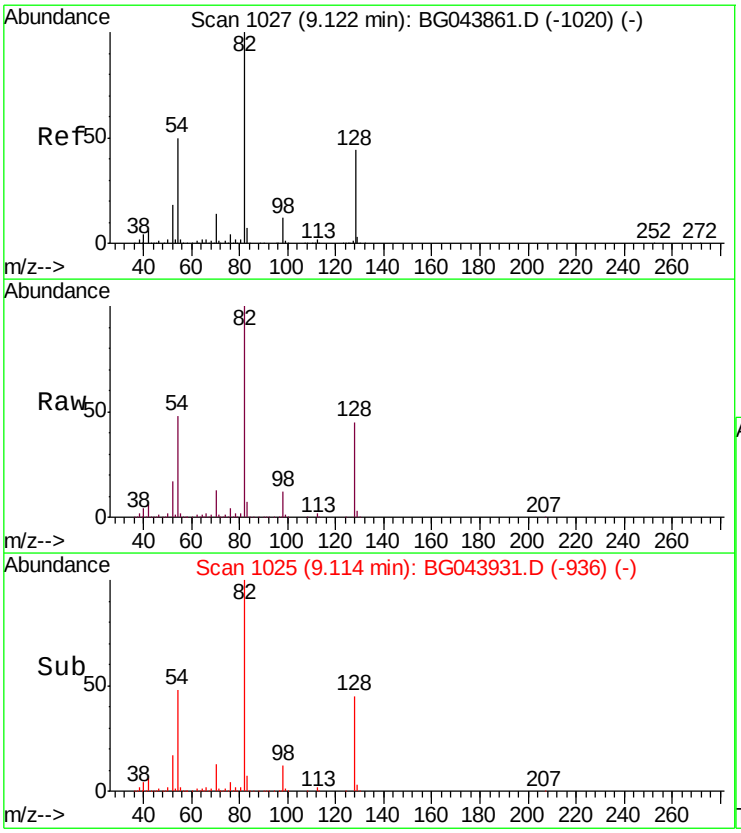
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG043931.D
Acq: 6 Jan 2020 14:44

Instrument :
BNA_G
ClientSampleId :
PB125814BL

Tgt Ion:136 Resp: 563101

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.1	7.0	10.4
68	5.7	4.9	7.3

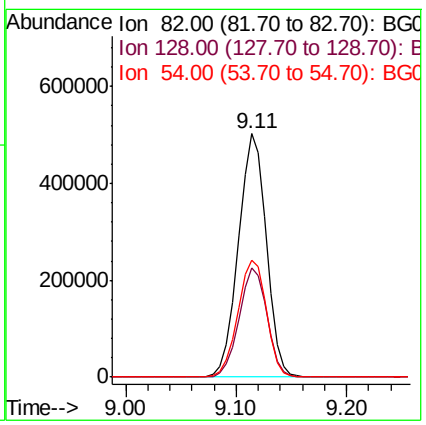


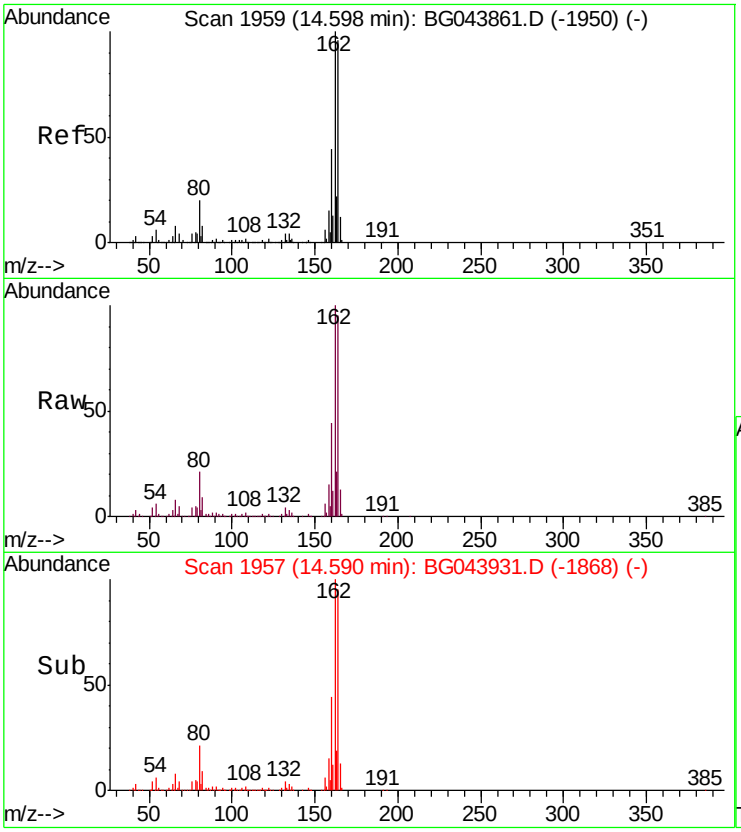


#23
Nitrobenzene-d5
Concen: 84.888 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG043931.D
Acq: 6 Jan 2020 14:44

Tgt Ion: 82 Resp: 893536

Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.1	52.7
54	48.2	40.1	60.1



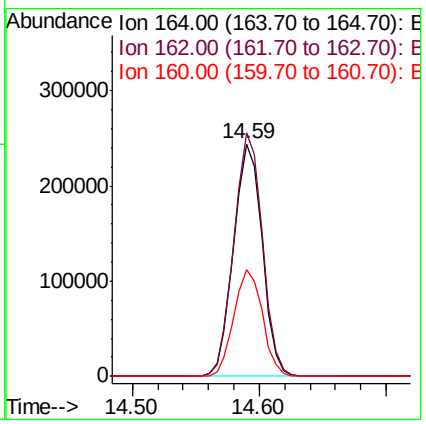


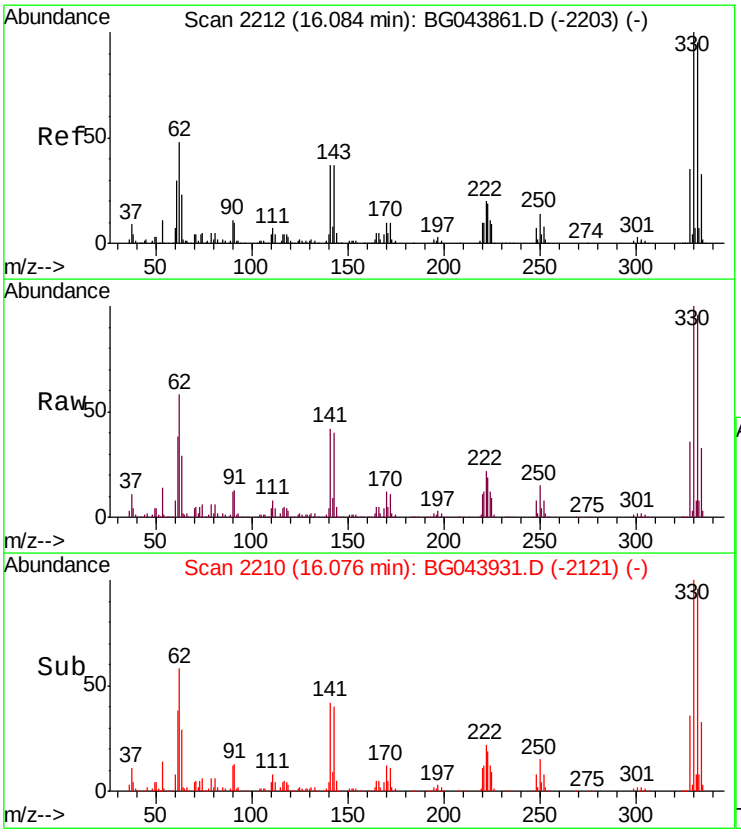
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG043931.D
Acq: 6 Jan 2020 14:44

Instrument :
BNA_G
ClientSampleId :
PB125814BL

Tgt Ion:164 Resp: 380351

Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.0	124.4
160	45.8	36.1	54.1

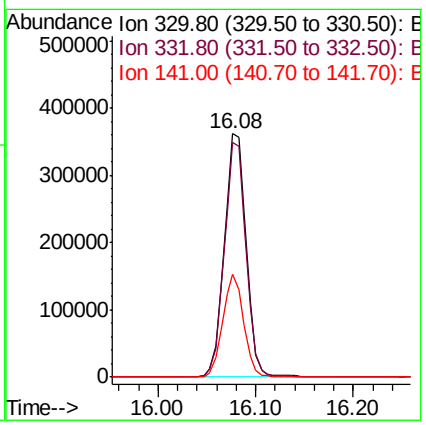


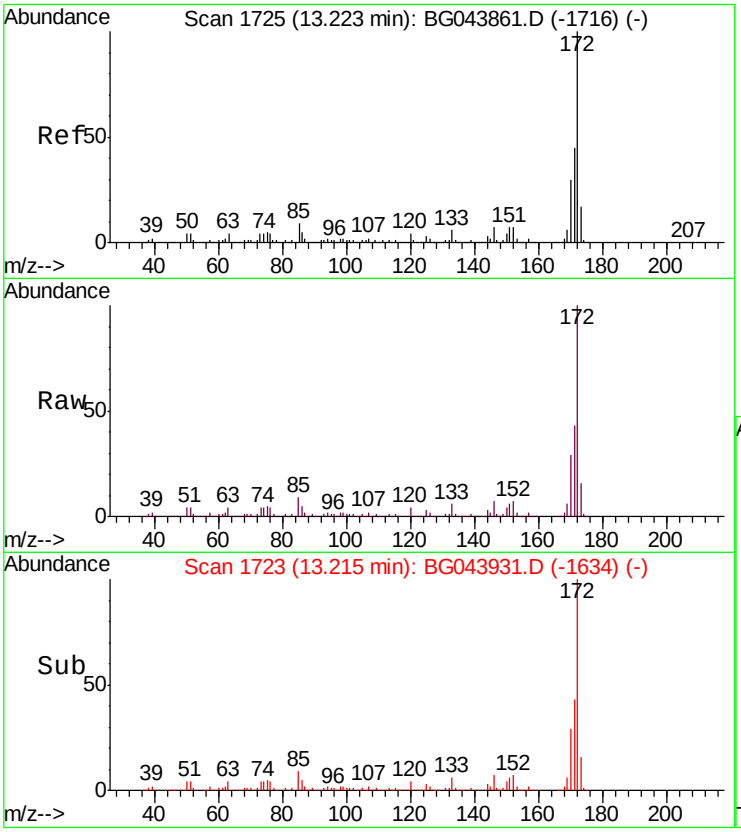


#42
2,4,6-Tribromophenol
Concen: 140.838 ng
RT: 16.08 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BG043931.D
Acq: 6 Jan 2020 14:44

Tgt Ion:330 Resp: 560575

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.2	115.8
141	40.2	33.1	49.7



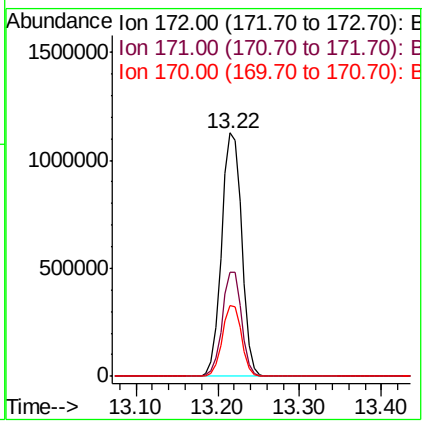


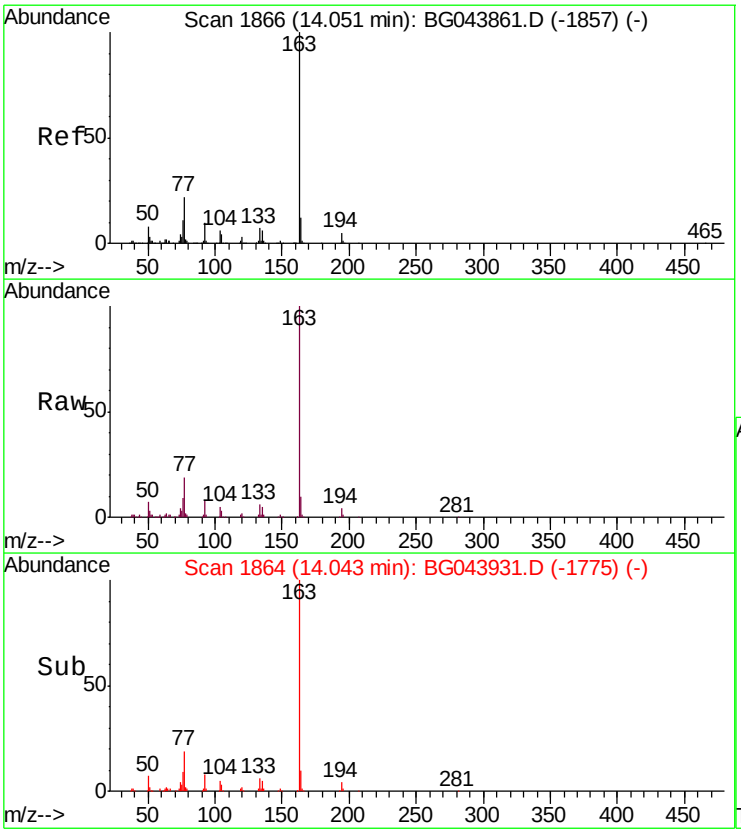
#45
2-Fluorobiphenyl
Concen: 91.728 ng
RT: 13.22 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG043931.D
Acq: 6 Jan 2020 14:44

Instrument :
BNA_G
ClientSampleId :
PB125814BL

Tgt Ion:172 Resp: 1925673

Ion	Ratio	Lower	Upper
172	100		
171	43.0	35.8	53.8
170	29.2	24.2	36.4

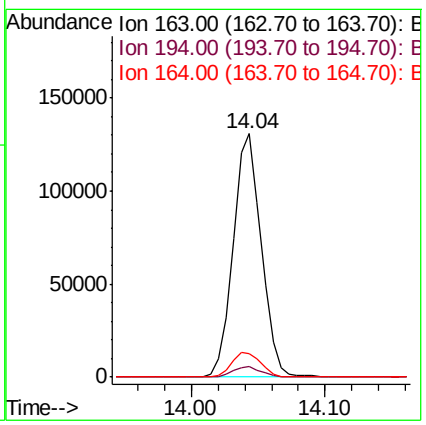


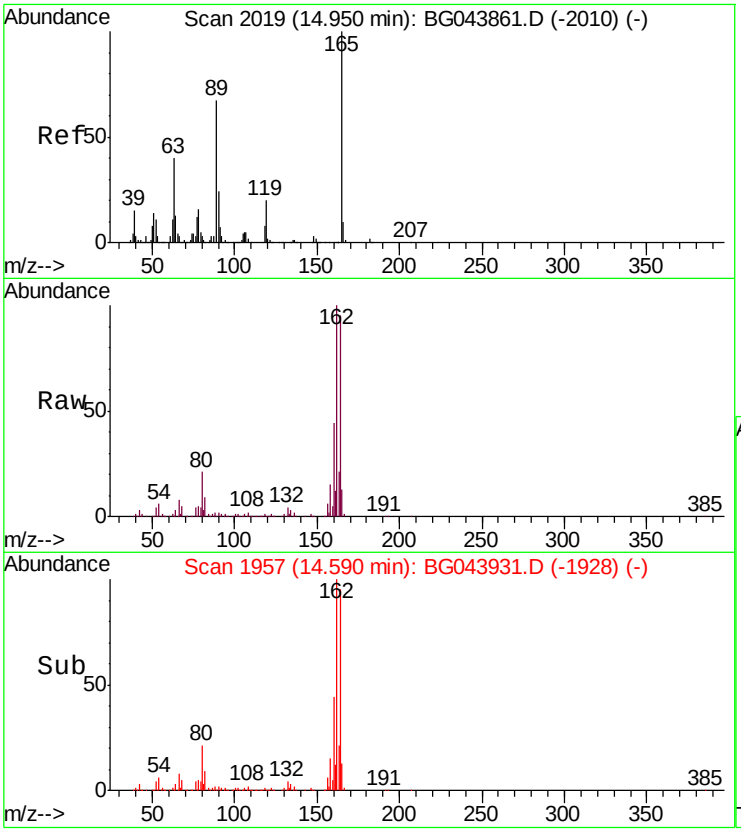


#50
Dimethylphthalate
Concen: 7.073 ng
RT: 14.04 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BG043931.D
Acq: 6 Jan 2020 14:44

Tgt Ion:163 Resp: 191013

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.7	5.5
164	9.7	9.3	13.9



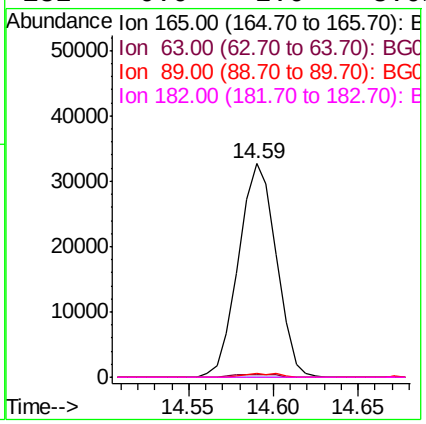


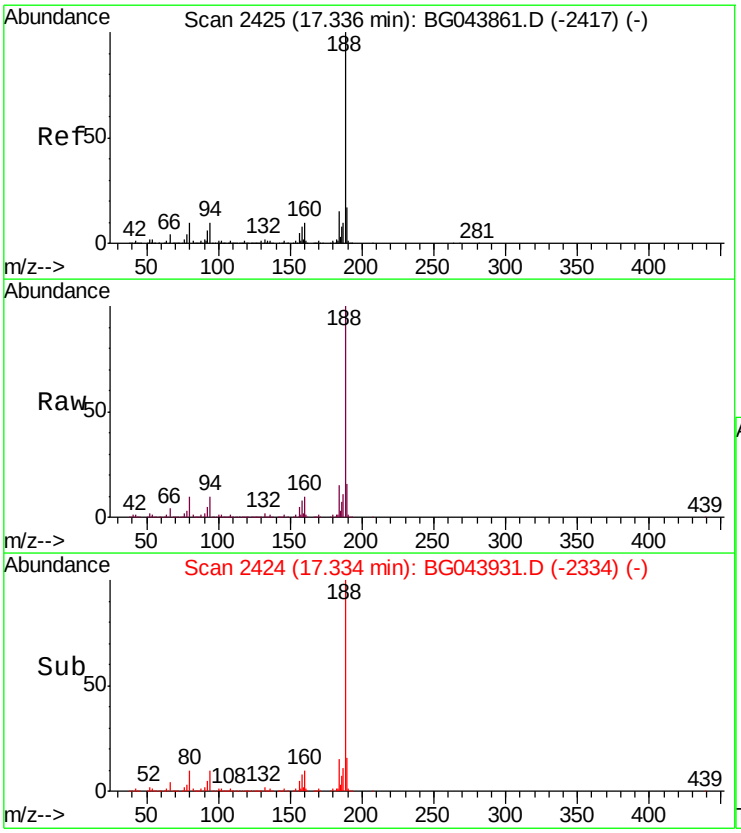
#57
2,4-Dinitrotoluene
Concen: 6.138 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.36 min
Lab File: BG043931.D
Acq: 6 Jan 2020 14:44

Instrument :
BNA_G
ClientSampleId :
PB125814BL

Tgt Ion:165 Resp: 50982

Ion	Ratio	Lower	Upper
165	100		
63	1.2	31.9	47.9#
89	1.5	53.8	80.6#
182	0.0	2.0	3.0#

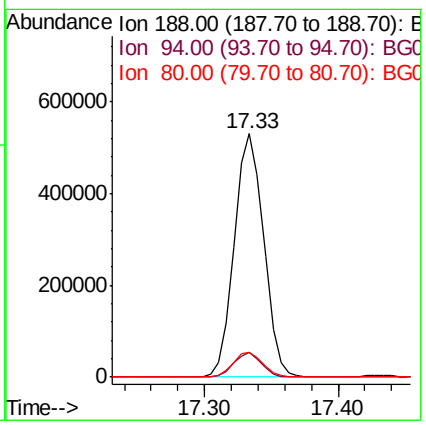


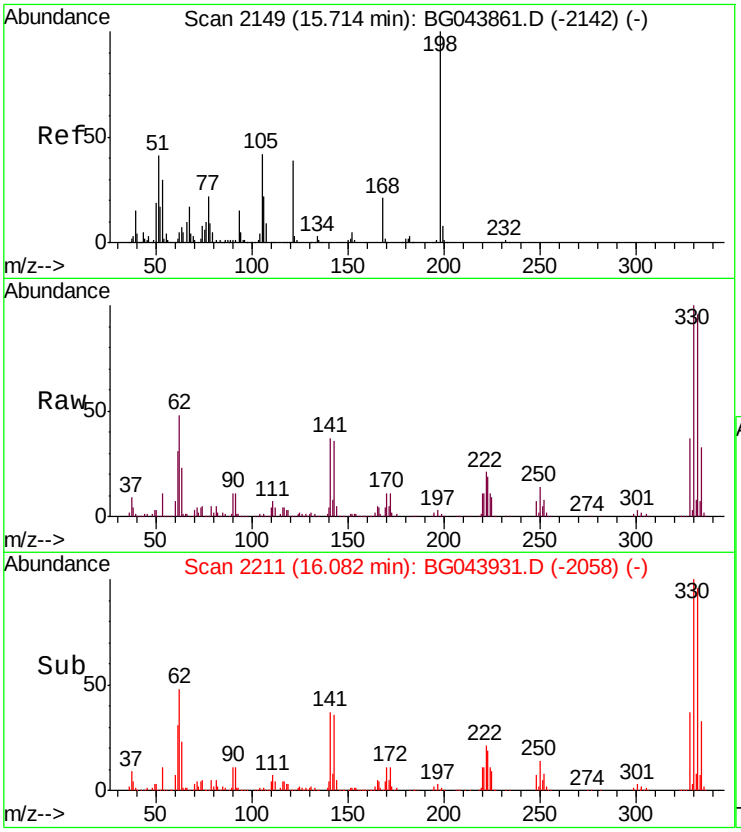


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG043931.D
Acq: 6 Jan 2020 14:44

Tgt Ion:188 Resp: 810298

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.9	11.9
80	10.2	8.2	12.4



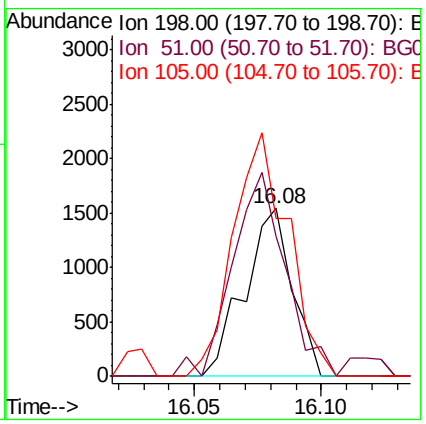


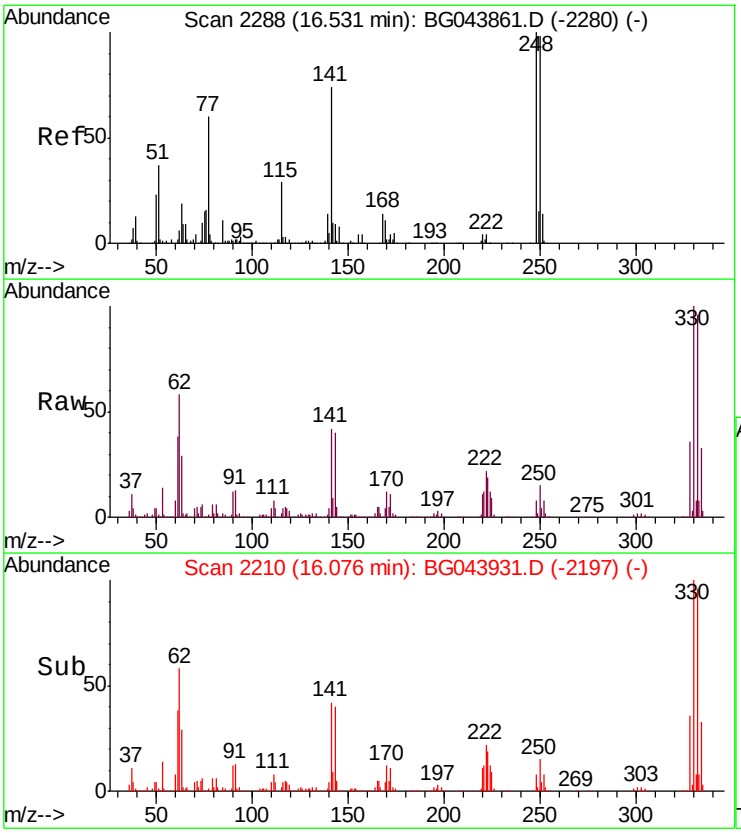
#65
4,6-Dinitro-2-methylphenol
Concen: 4.833 ng
RT: 16.08 min Scan# 2211
Delta R.T. 0.37 min
Lab File: BG043931.D
Acq: 6 Jan 2020 14:44

Instrument :
BNA_G
ClientSampleId :
PB125814BL

Tgt Ion:198 Resp: 2037

Ion	Ratio	Lower	Upper
198	100		
51	83.2	22.5	62.5#
105	94.3	22.3	62.3#

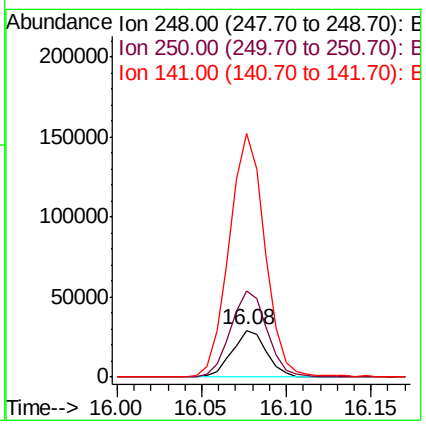


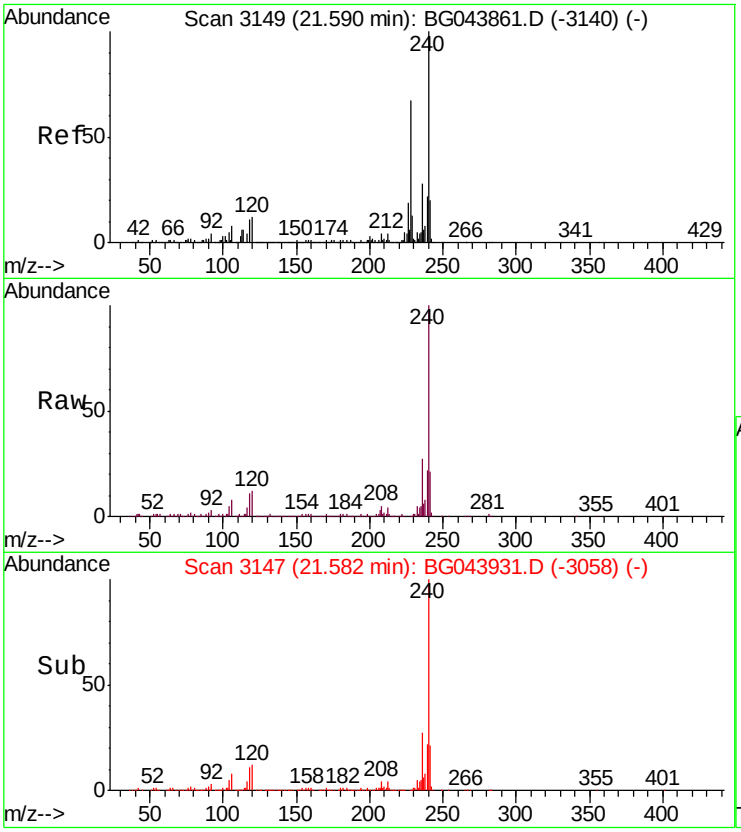


#67
4-Bromophenyl-phenylether
Concen: 4.589 ng
RT: 16.08 min Scan# 2210
Delta R.T. -0.45 min
Lab File: BG043931.D
Acq: 6 Jan 2020 14:44

Tgt Ion:248 Resp: 41822

Ion	Ratio	Lower	Upper
248	100		
250	185.3	78.2	117.2#
141	522.4	59.3	88.9#



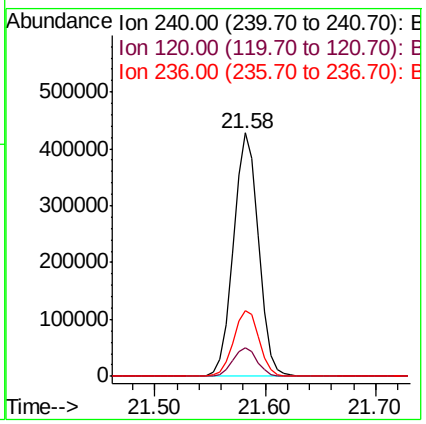


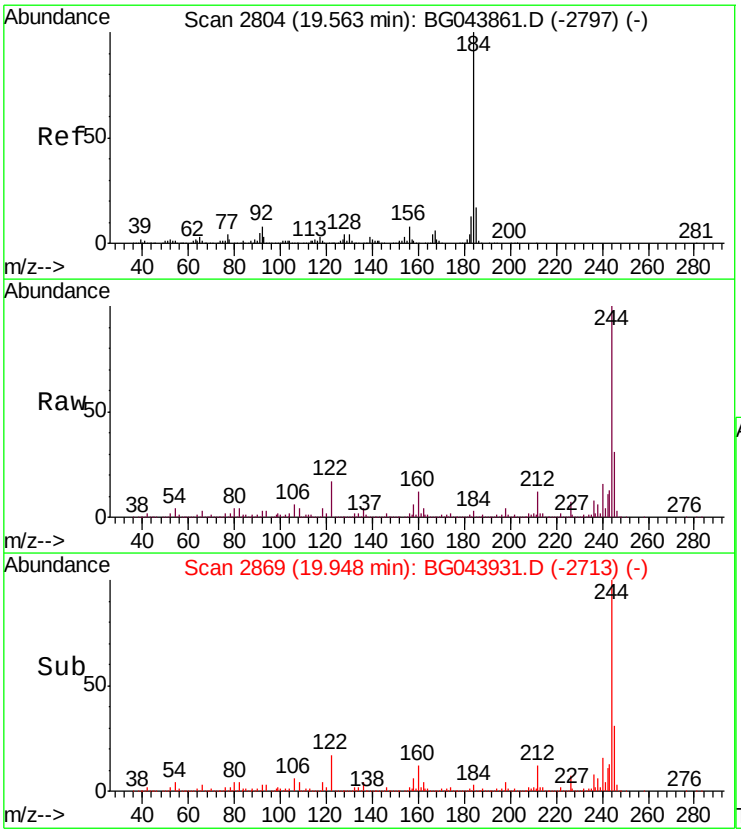
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG043931.D
Acq: 6 Jan 2020 14:44

Instrument :
BNA_G
ClientSampleId :
PB125814BL

Tgt Ion:240 Resp: 683031

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.6	14.4
236	27.2	22.2	33.2

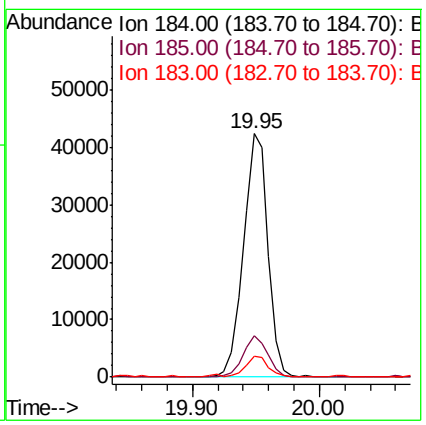


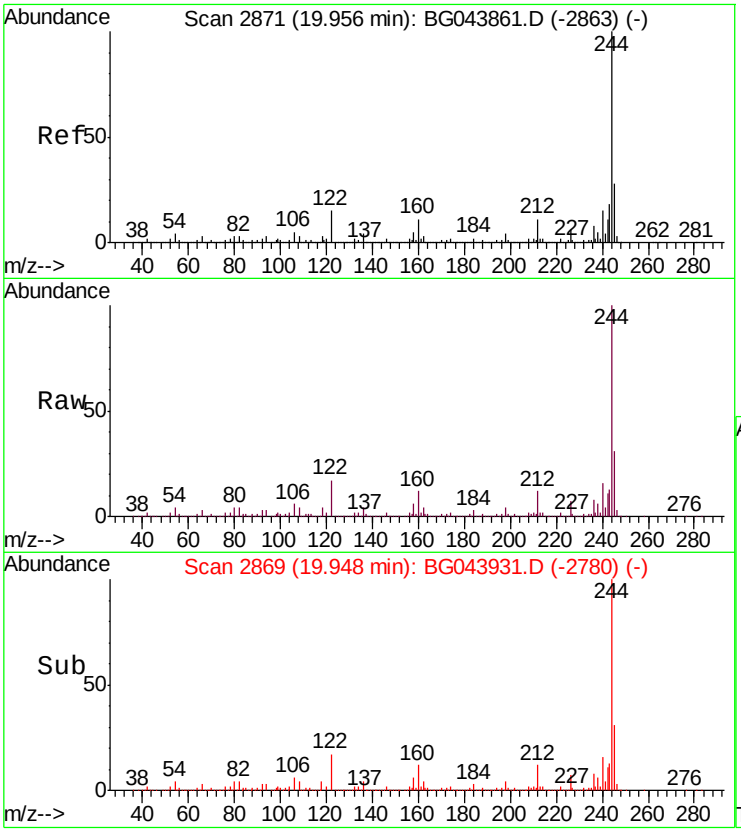


#77
Benzidine
Concen: 3.294 ng
RT: 19.95 min Scan# 2869
Delta R.T. 0.39 min
Lab File: BG043931.D
Acq: 6 Jan 2020 14:44

Tgt Ion:184 Resp: 56554

Ion	Ratio	Lower	Upper
184	100		
185	16.8	13.4	20.0
183	8.6	10.6	15.8#



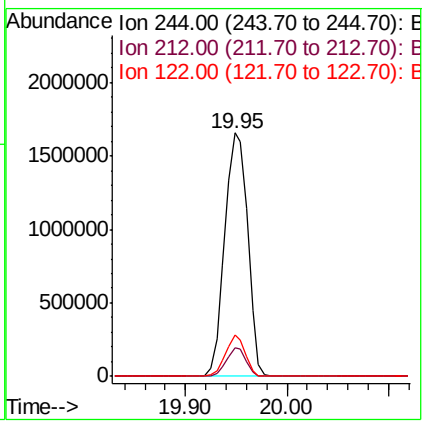


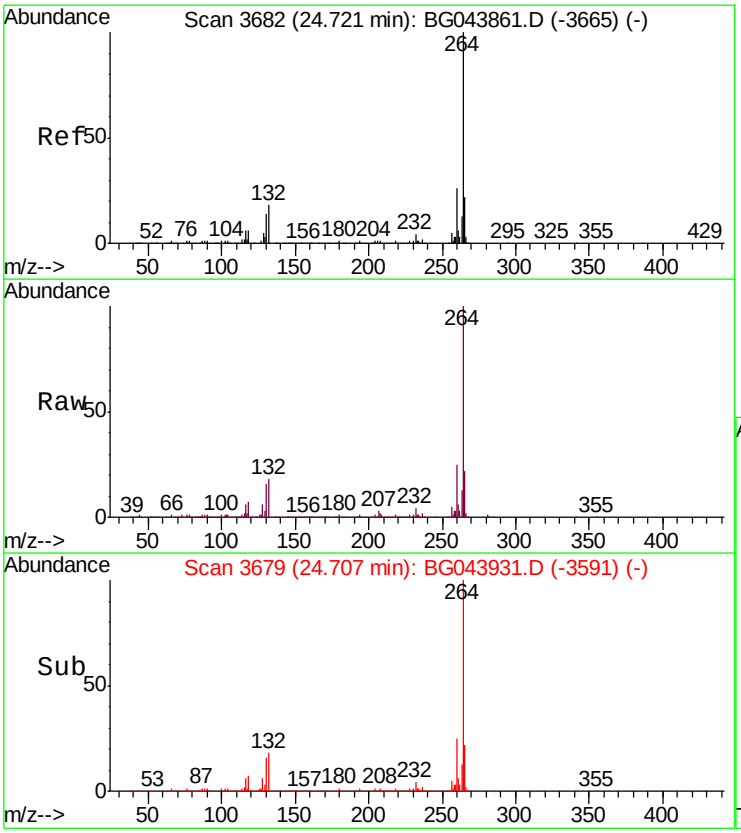
#79
Terphenyl-d14
Concen: 94.560 ng
RT: 19.95 min Scan# 2869
Delta R.T. -0.01 min
Lab File: BG043931.D
Acq: 6 Jan 2020 14:44

Instrument :
BNA_G
ClientSampleId :
PB125814BL

Tgt Ion:244 Resp: 2602126

Ion	Ratio	Lower	Upper
244	100		
212	11.8	8.6	13.0
122	16.9	11.9	17.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.71 min Scan# 3679
Delta R.T. -0.01 min
Lab File: BG043931.D
Acq: 6 Jan 2020 14:44

Tgt Ion:264 Resp: 773616

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.4	30.6
265	21.7	17.4	26.2