Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012020\
Data File : BG044130.D
Acq On : 21 Jan 2020 12:46
Operator : JU
Sample : L1176-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP-11

Quant Time: Jan 21 13:23:23 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	7.93	152	80475	20.00	ng		-0.04
21) Naphthalene-d8	10.73	136	358487	20.00	ng		-0.04
39) Acenaphthene-d10	14.57	164	244328	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	503542	20.00	ng		-0.02
76) Chrysene-d12	21.55	240	428441	20.00	ng		-0.04
87) Perylene-d12	24.66	264	470990	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	699260	159.54	ng		-0.03
7) Phenol-d6	7.10	99	1013234	165.39	ng		-0.02
23) Nitrobenzene-d5	9.09	82	587588	87.68	ng		-0.04
42) 2,4,6-Tribromophenol	16.05	330	377748	147.74	ng		-0.03
45) 2-Fluorobiphenyl	13.19	172	1365783	101.28	ng		-0.03
79) Terphenyl-d14	19.93	244	1885761	116.31	ng		-0.03
Target Compounds							Qvalue
10) Phenol	7.13	94	39067	6.19	ng		98
19) n-Nitroso-di-n-propylamine	9.09	70	76446	16.76	ng	#	78
50) Dimethylphthalate	14.02	163	96893	5.59	ng		98
51) 2,6-Dinitrotoluene	14.57	165	32035	8.17	ng	#	26
57) 2,4-Dinitrotoluene	14.57	165	32035	6.00	ng	#	27
65) 4,6-Dinitro-2-methylphenol	16.05	198	1314	4.85	ng	#	2
67) 4-Bromophenyl-phenylether	16.05	248	27157	4.80	ng	#	1
77) Benzidine	19.93	184	33866	3.14	ng	#	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012020\
Data File : BG044130.D
Acq On : 21 Jan 2020 12:46
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ALS Vial : 29 Sample Multiplier: 1

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QLast Update : Tue Dec 31 13:32:23 2019
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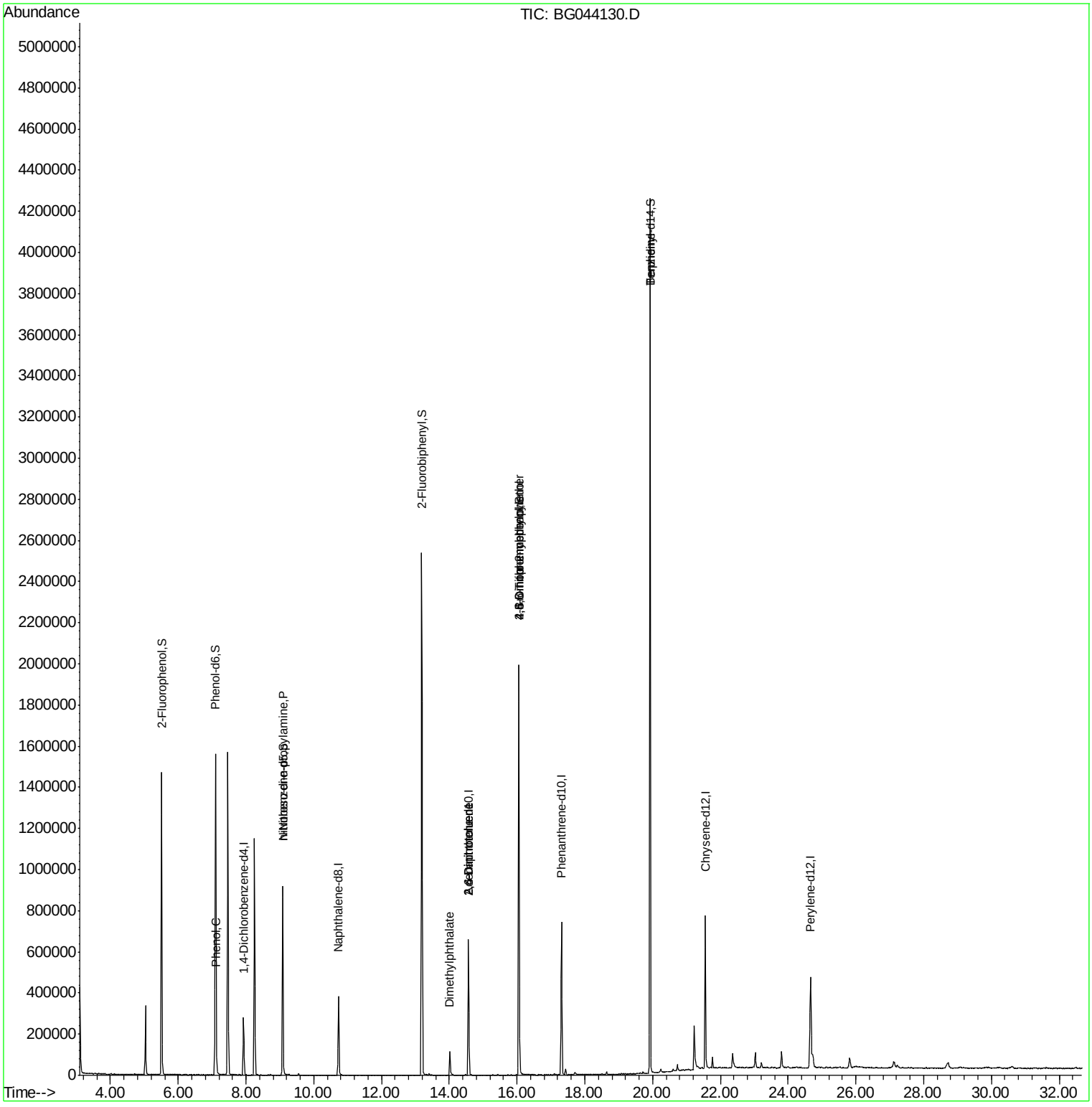
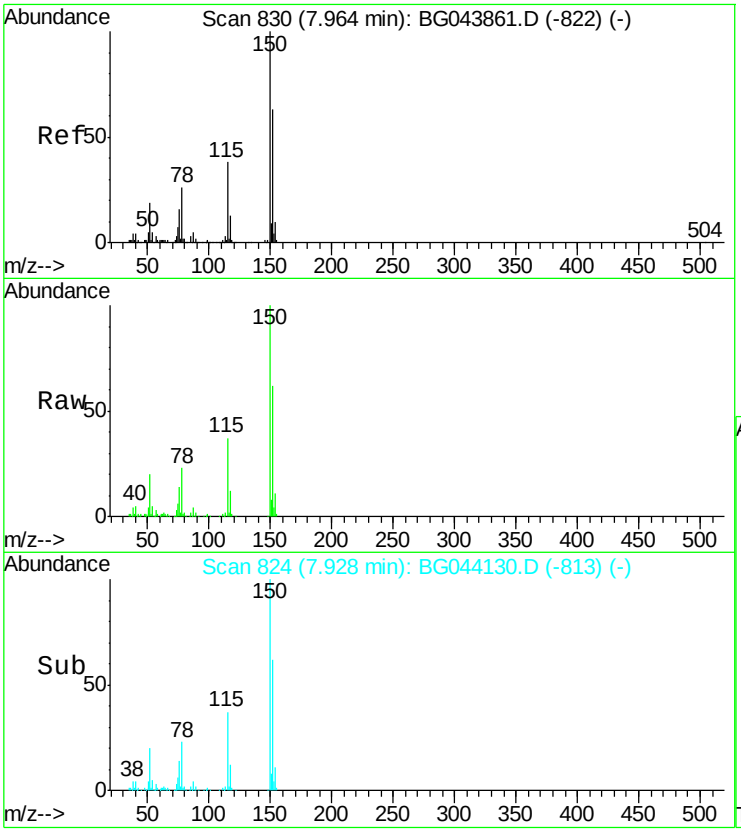


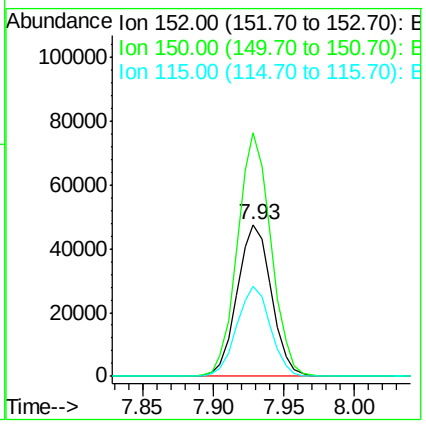


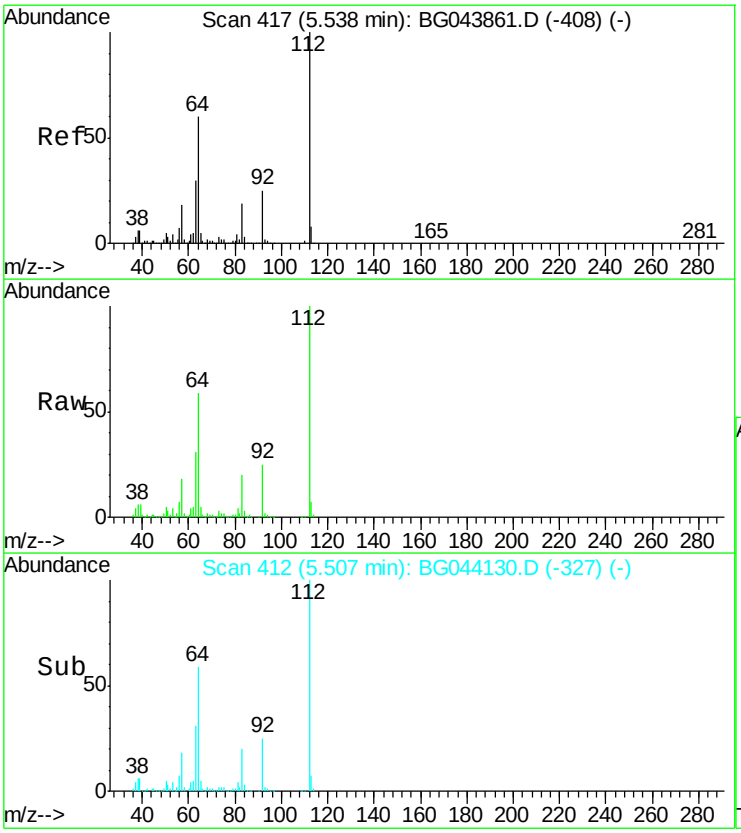
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044130.D
Acq: 21 Jan 2020 12:46

Instrument :
BNA_G
ClientSampleId :
EP-11

Tgt Ion:152 Resp: 80475

Ion	Ratio	Lower	Upper
152	100		
150	160.7	127.0	190.4
115	59.3	47.8	71.8

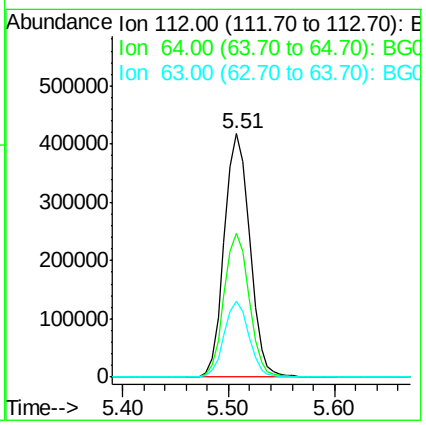


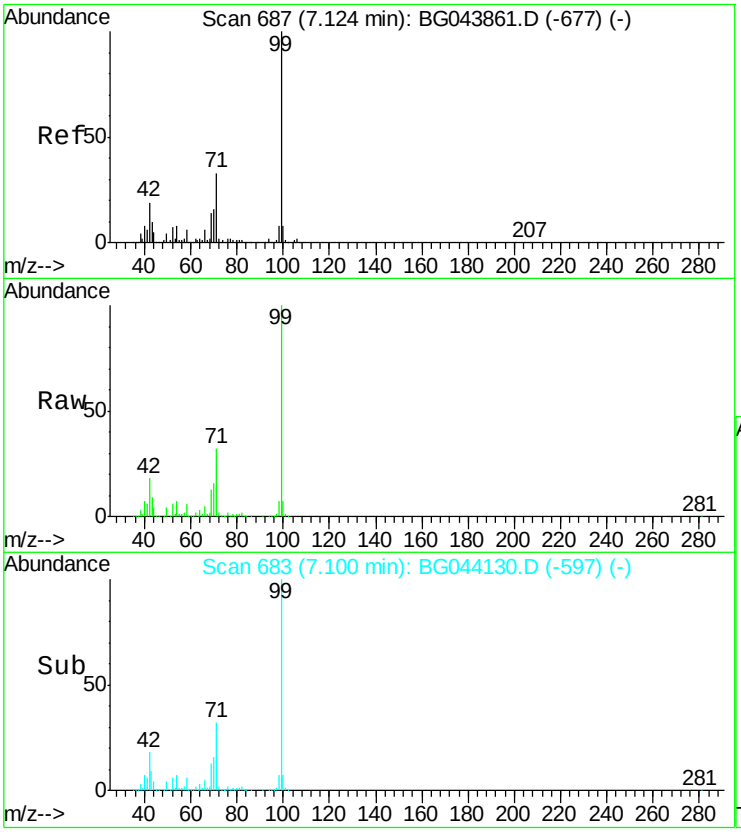


#5
2-Fluorophenol
Concen: 159.54 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044130.D
Acq: 21 Jan 2020 12:46

Tgt Ion:112 Resp: 699260

Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.8	71.6
63	31.0	24.3	36.5



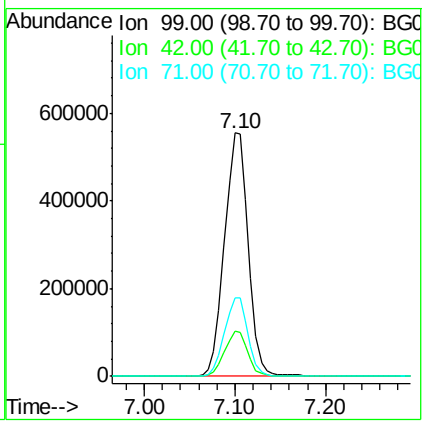


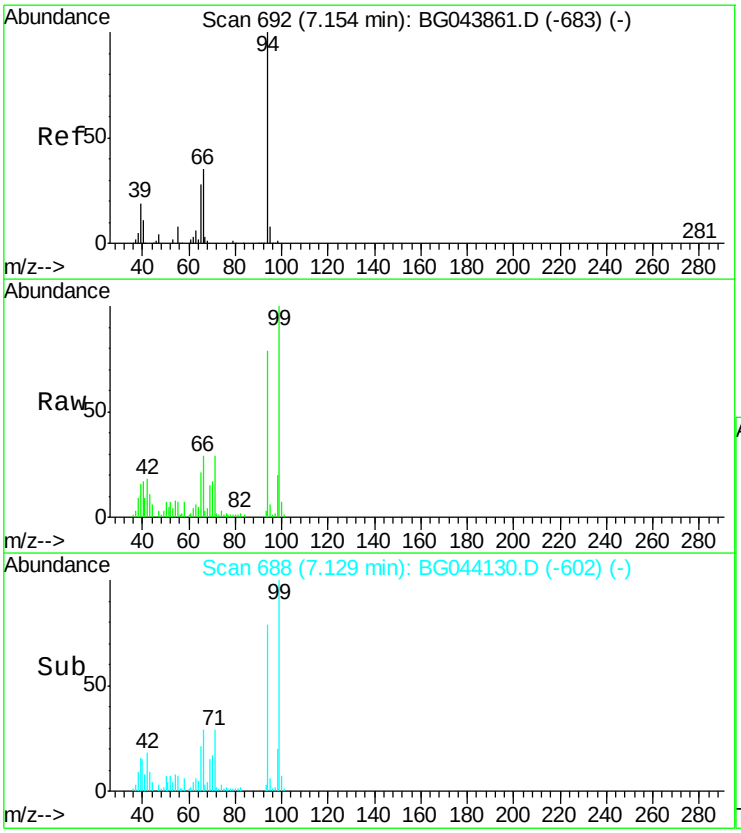
#7
Phenol-d6
Concen: 165.39 ng
RT: 7.10 min Scan# 683
Delta R.T. -0.02 min
Lab File: BG044130.D
Acq: 21 Jan 2020 12:46

Instrument :
BNA_G
ClientSampleId :
EP-11

Tgt Ion: 99 Resp: 1013234

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.9	22.3
71	32.4	26.4	39.6

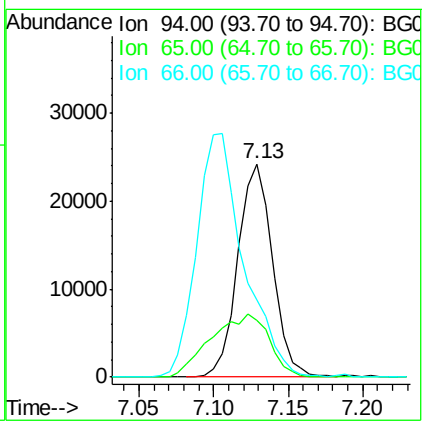


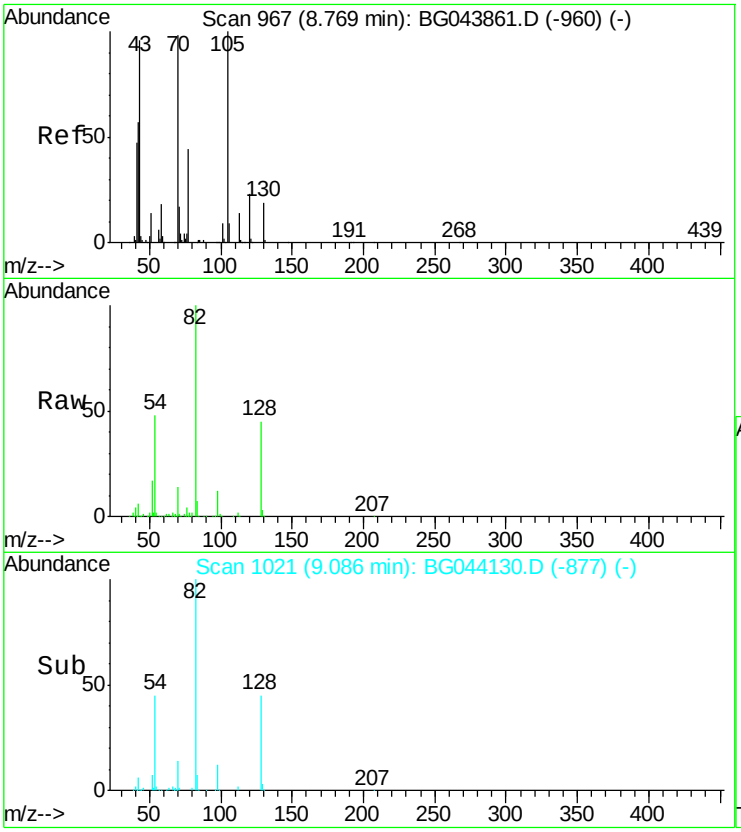


#10
Phenol
Concen: 6.19 ng
RT: 7.13 min Scan# 688
Delta R.T. -0.02 min
Lab File: BG044130.D
Acq: 21 Jan 2020 12:46

Tgt Ion: 94 Resp: 39067

Ion	Ratio	Lower	Upper
94	100		
65	26.4	8.1	48.1
66	36.1	15.6	55.6



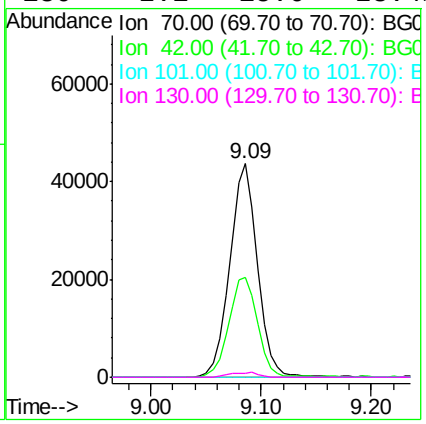


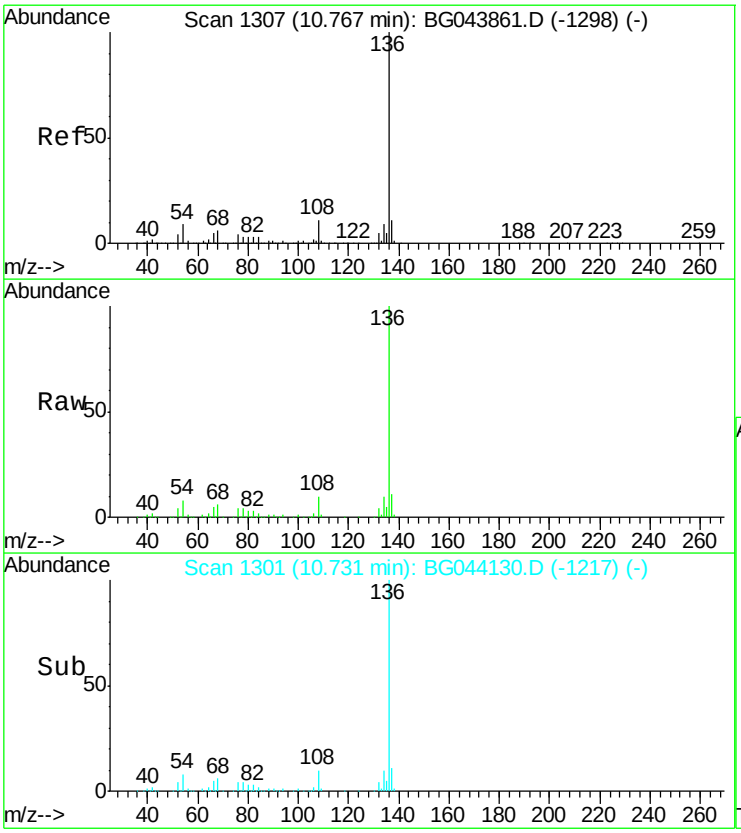
#19
n-Nitroso-di-n-propylamine
Concen: 16.76 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.32 min
Lab File: BG044130.D
Acq: 21 Jan 2020 12:46

Instrument :
BNA_G
ClientSampleId :
EP-11

Tgt Ion: 70 Resp: 76446

Ion	Ratio	Lower	Upper
70	100		
42	46.7	47.0	70.4#
101	0.0	7.2	10.8#
130	2.1	15.6	23.4#

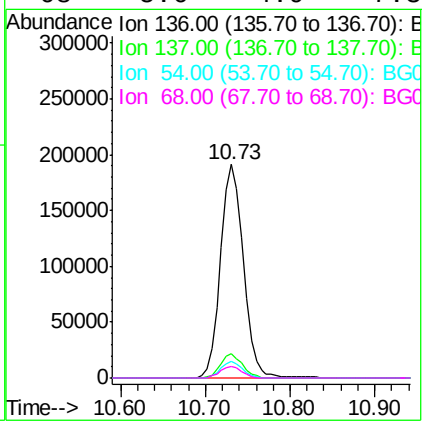


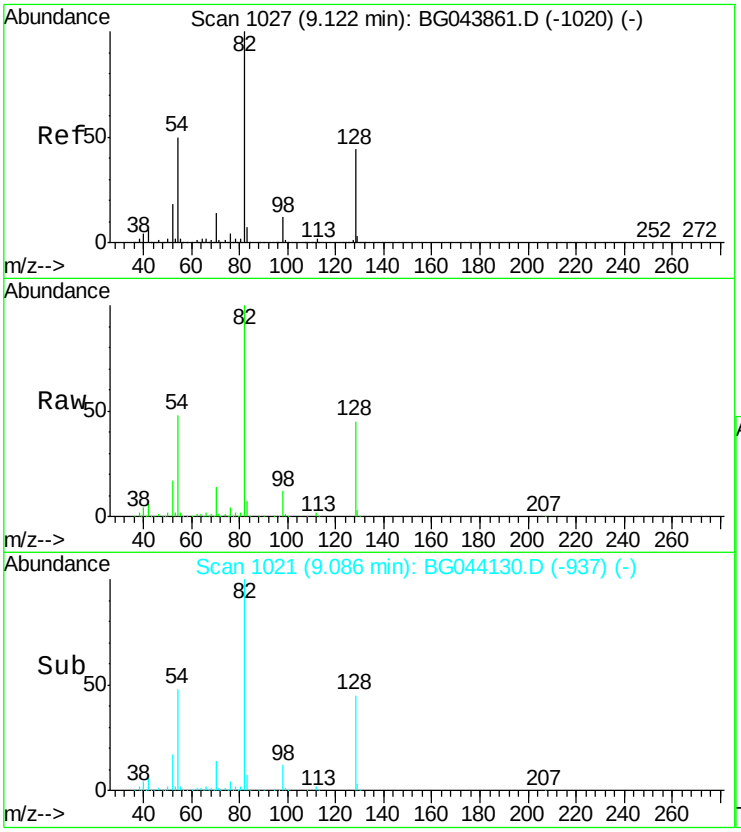


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044130.D
Acq: 21 Jan 2020 12:46

Tgt Ion:136 Resp: 358487

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	7.7	7.0	10.4
68	5.6	4.9	7.3



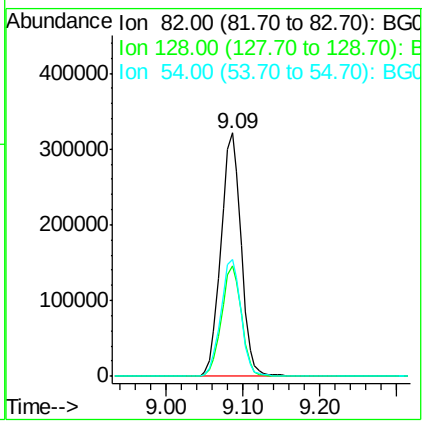


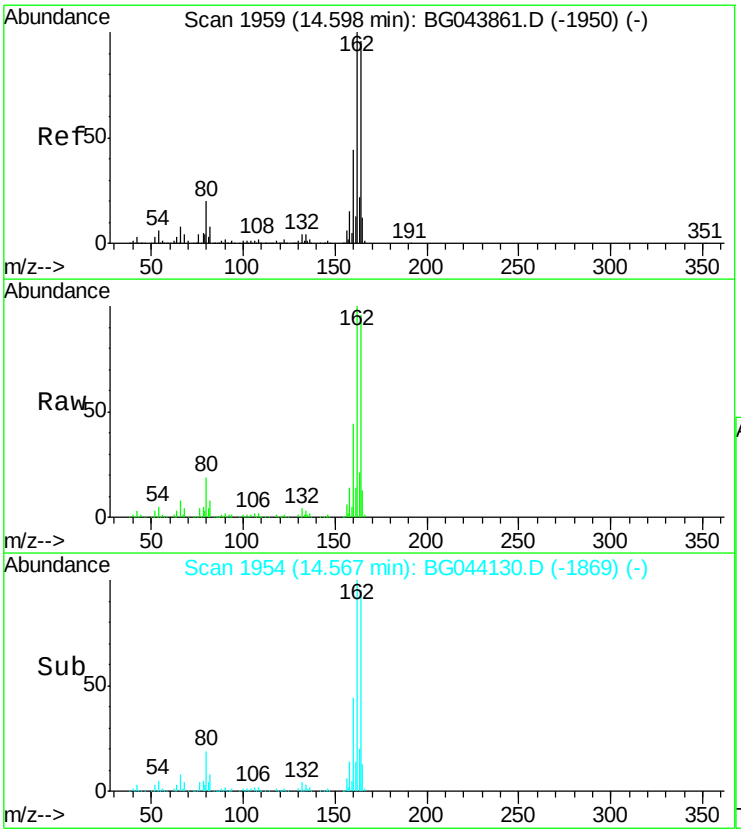
#23
Nitrobenzene-d5
Concen: 87.68 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.04 min
Lab File: BG044130.D
Acq: 21 Jan 2020 12:46

Instrument :
BNA_G
ClientSampleId :
EP-11

Tgt Ion: 82 Resp: 587588

Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.1	52.7
54	47.9	40.1	60.1

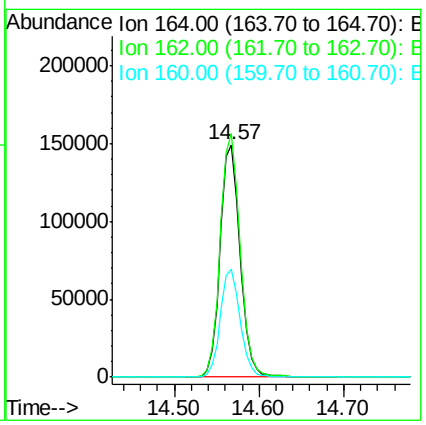


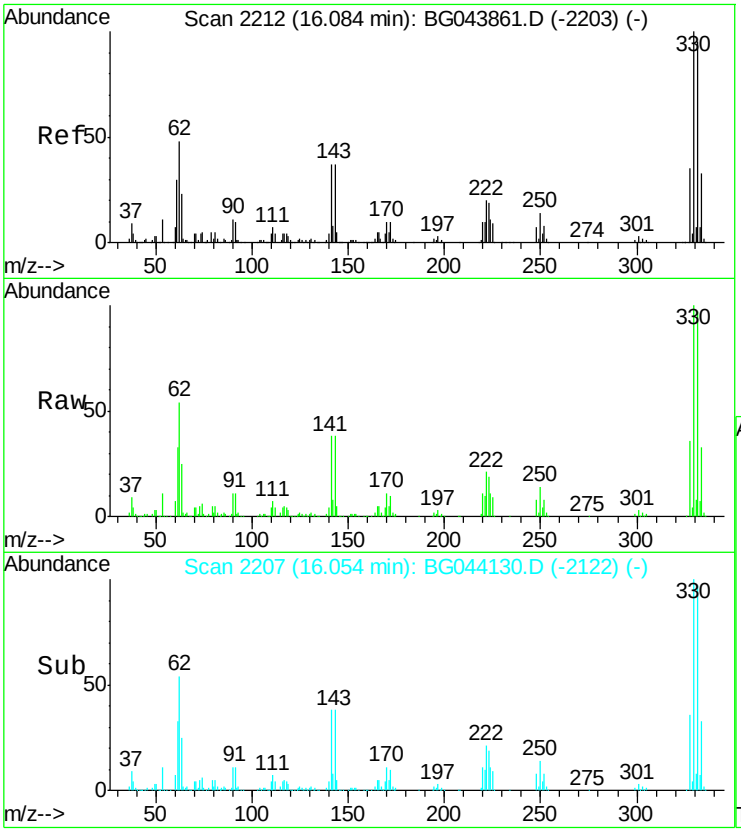


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BG044130.D
Acq: 21 Jan 2020 12:46

Tgt Ion:164 Resp: 244328

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.0	124.4
160	46.3	36.1	54.1



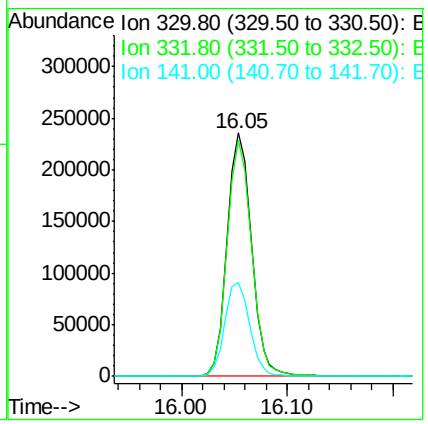


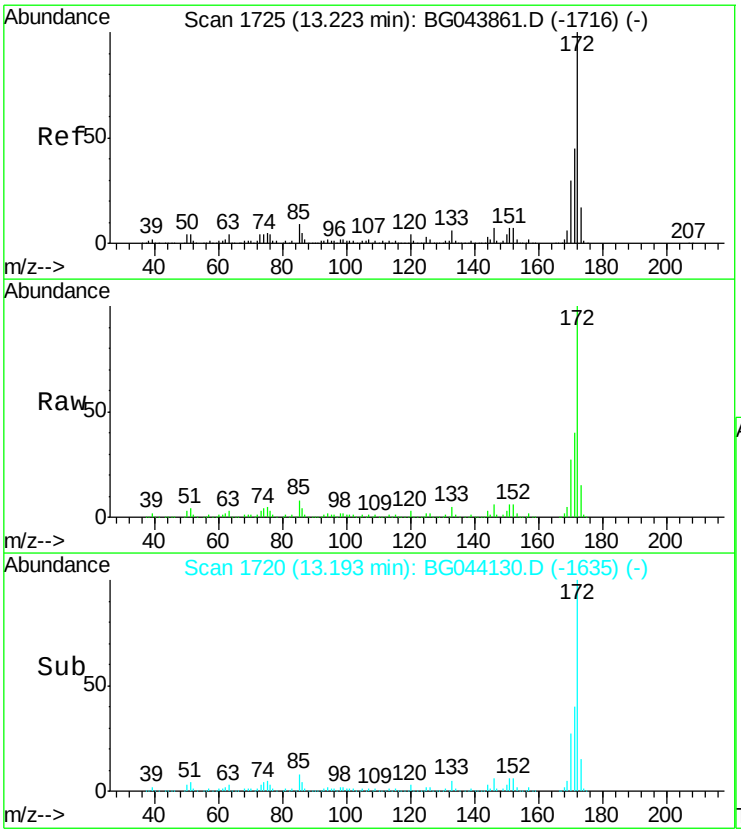
#42
2,4,6-Tribromophenol
Concen: 147.74 ng
RT: 16.05 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BG044130.D
Acq: 21 Jan 2020 12:46

Instrument :
BNA_G
ClientSampleId :
EP-11

Tgt Ion:330 Resp: 377748

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.2	115.8
141	39.6	33.1	49.7

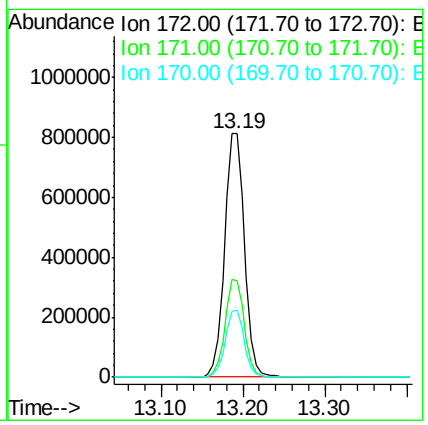


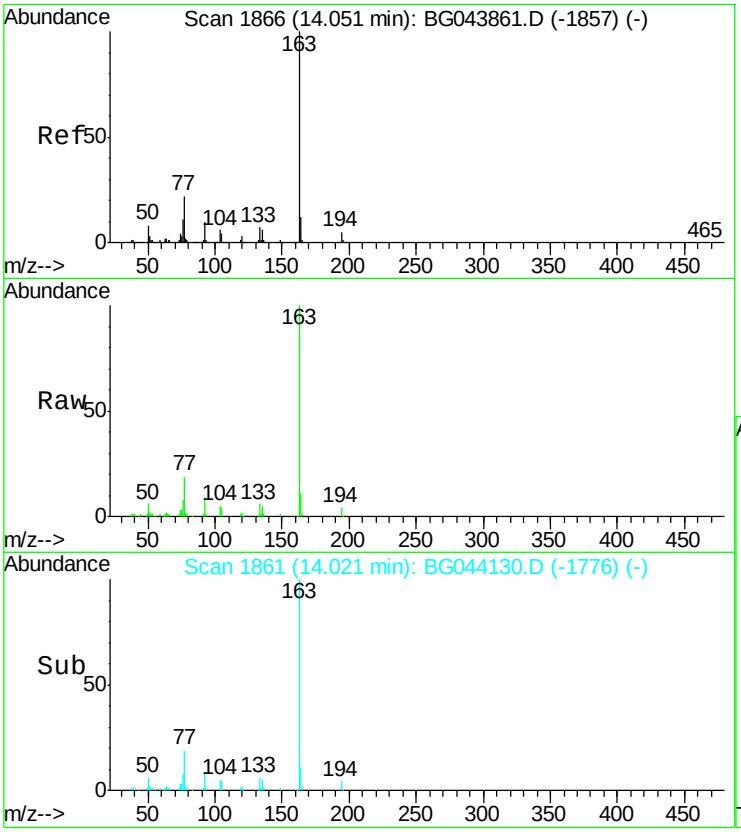


#45
2-Fluorobiphenyl
Concen: 101.28 ng
RT: 13.19 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BG044130.D
Acq: 21 Jan 2020 12:46

Tgt Ion:172 Resp: 1365783

Ion	Ratio	Lower	Upper
172	100		
171	39.8	35.8	53.8
170	27.3	24.2	36.4



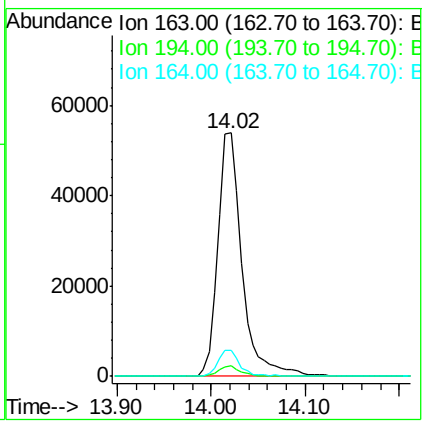


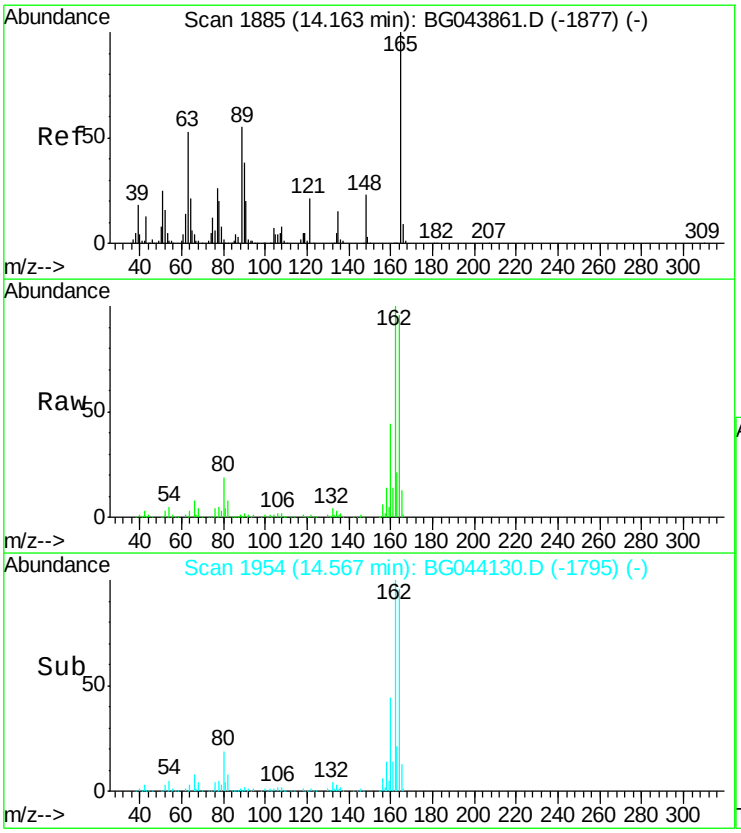
#50
Dimethylphthalate
Concen: 5.59 ng
RT: 14.02 min Scan# 1861
Delta R.T. -0.03 min
Lab File: BG044130.D
Acq: 21 Jan 2020 12:46

Instrument :
BNA_G
ClientSampleId :
EP-11

Tgt Ion:163 Resp: 96893

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.7	5.5
164	10.6	9.3	13.9

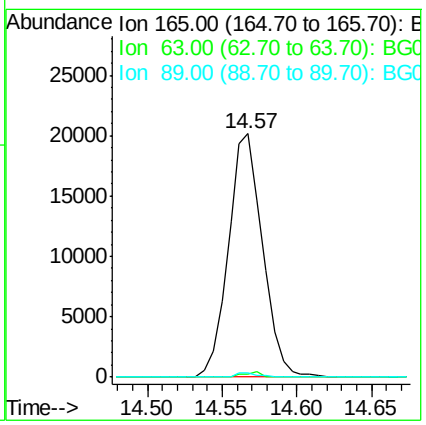


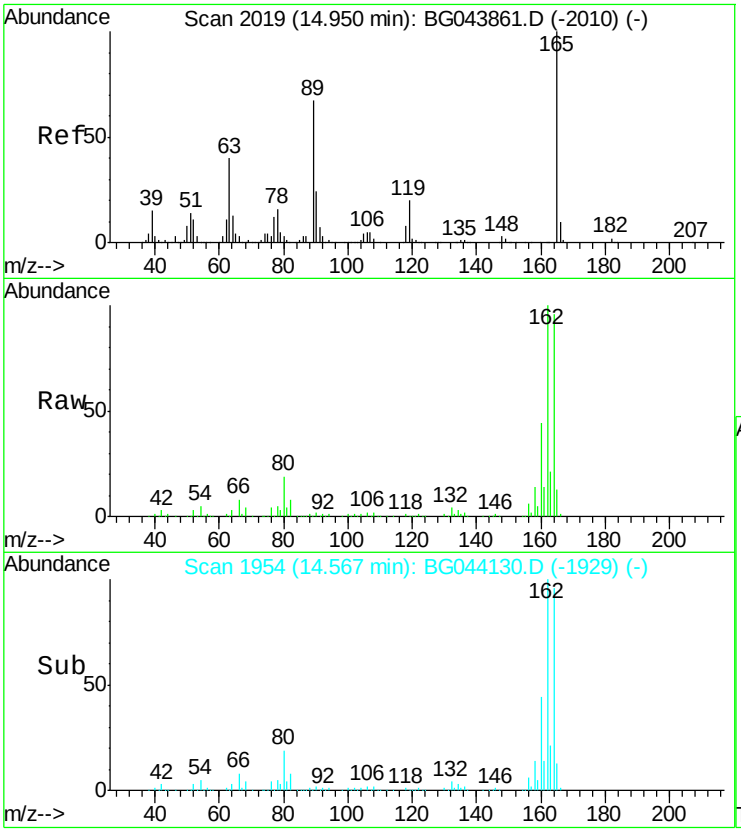


#51
2,6-Dinitrotoluene
Concen: 8.17 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.40 min
Lab File: BG044130.D
Acq: 21 Jan 2020 12:46

Tgt Ion:165 Resp: 32035

Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.1	64.7#
89	1.6	43.8	65.6#



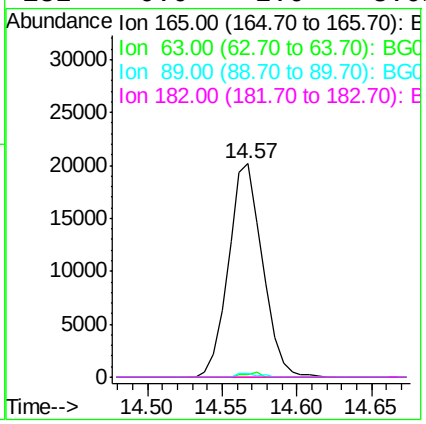


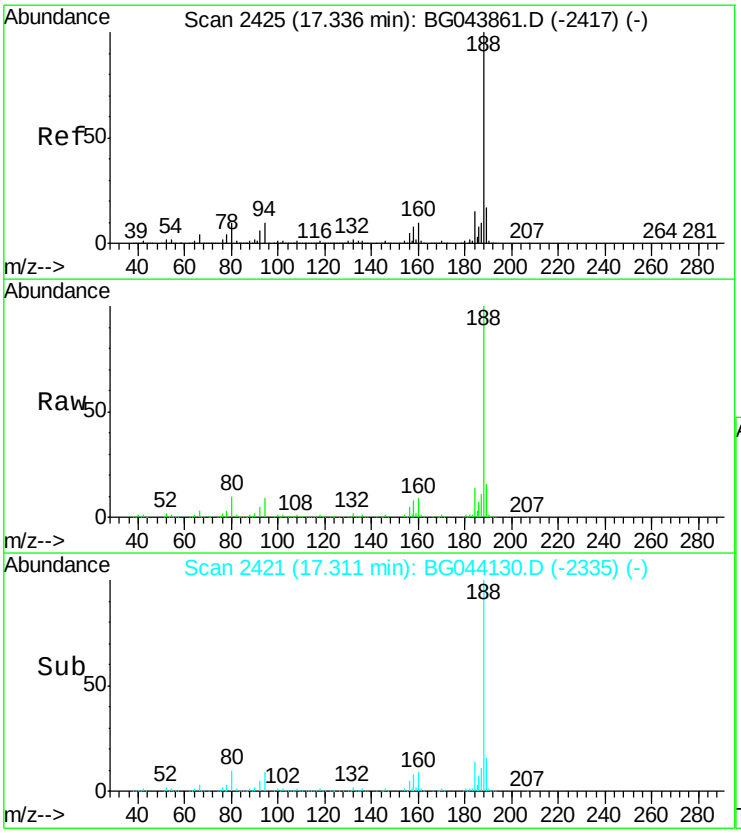
#57
2,4-Dinitrotoluene
Concen: 6.00 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.38 min
Lab File: BG044130.D
Acq: 21 Jan 2020 12:46

Instrument :
BNA_G
ClientSampleId :
EP-11

Tgt Ion:165 Resp: 32035

Ion	Ratio	Lower	Upper
165	100		
63	1.3	31.9	47.9#
89	1.6	53.8	80.6#
182	0.0	2.0	3.0#

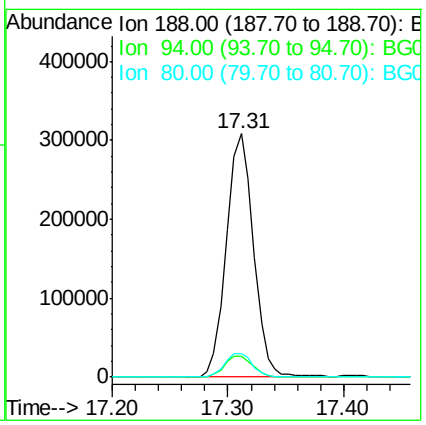


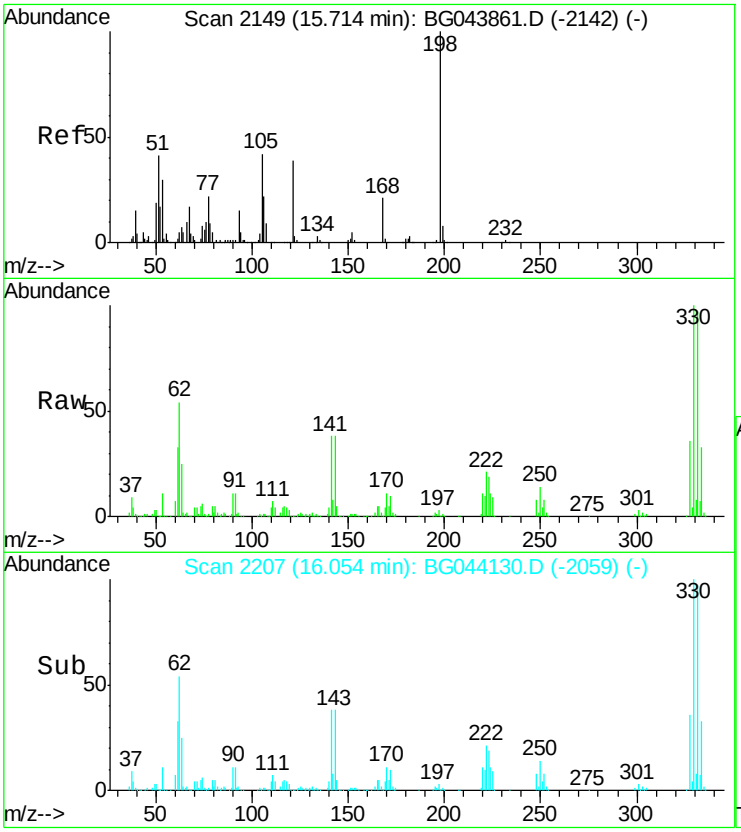


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044130.D
Acq: 21 Jan 2020 12:46

Tgt Ion:188 Resp: 503542

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.9	11.9
80	9.7	8.2	12.4



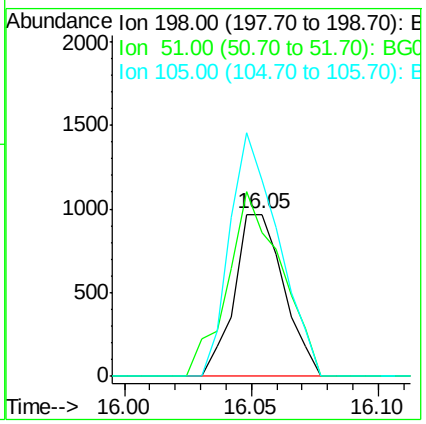


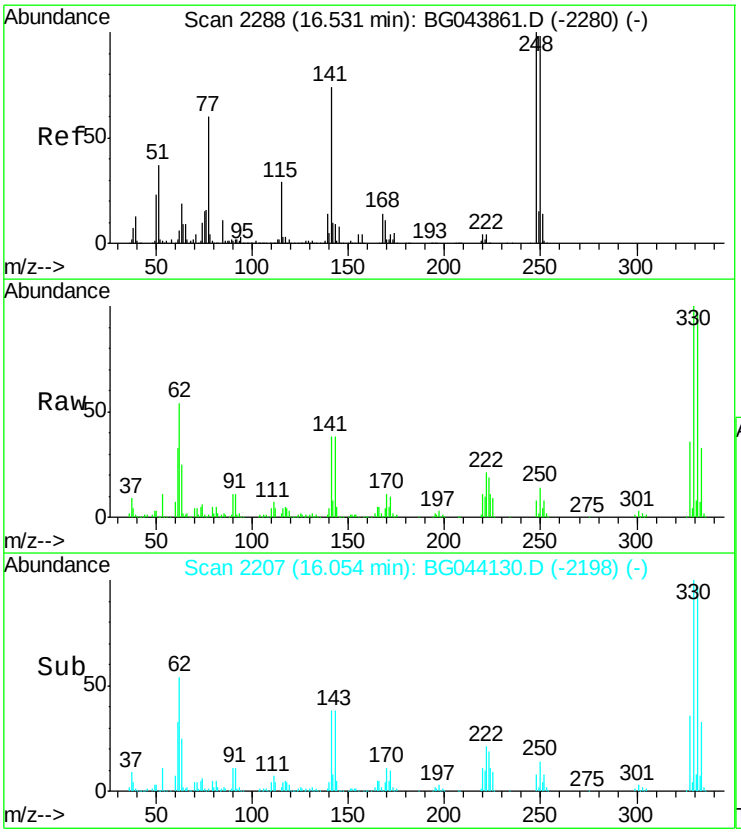
#65
4,6-Dinitro-2-methylphenol
Concen: 4.85 ng
RT: 16.05 min Scan# 2207
Delta R.T. 0.34 min
Lab File: BG044130.D
Acq: 21 Jan 2020 12:46

Instrument :
BNA_G
ClientSampleId :
EP-11

Tgt Ion:198 Resp: 1314

Ion	Ratio	Lower	Upper
198	100		
51	88.5	22.5	62.5#
105	121.4	22.3	62.3#

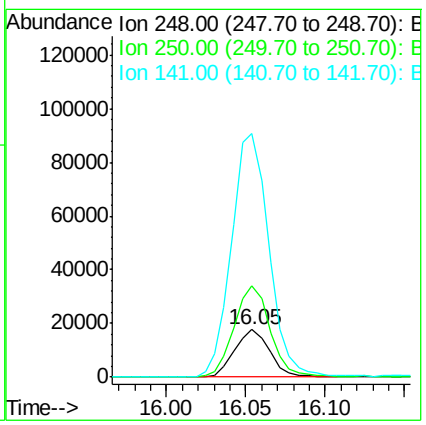


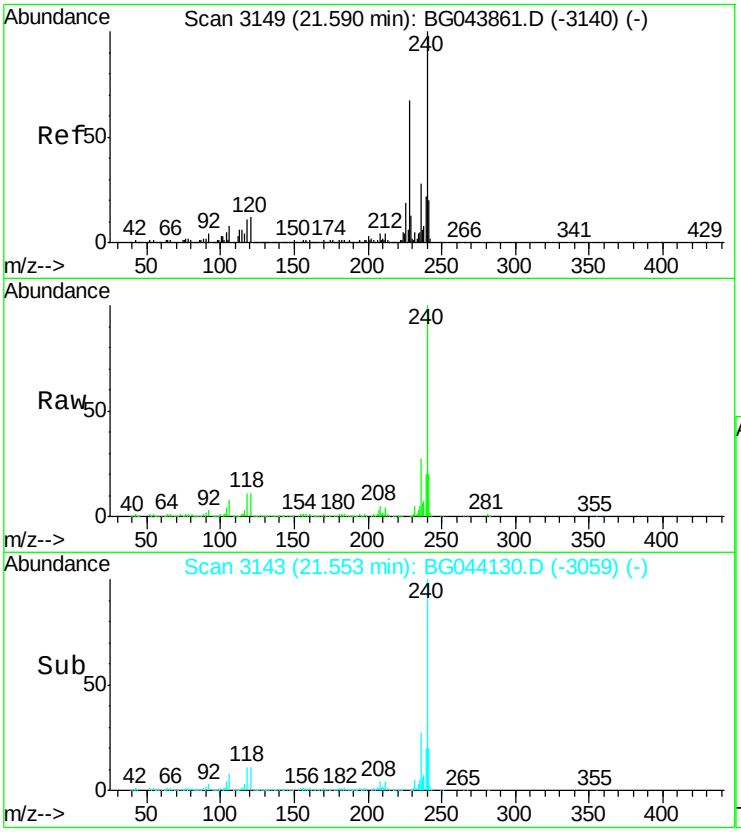


#67
4-Bromophenyl-phenylether
Concen: 4.80 ng
RT: 16.05 min Scan# 2207
Delta R.T. -0.48 min
Lab File: BG044130.D
Acq: 21 Jan 2020 12:46

Tgt Ion:248 Resp: 27157

Ion	Ratio	Lower	Upper
248	100		
250	190.9	78.2	117.2#
141	511.6	59.3	88.9#



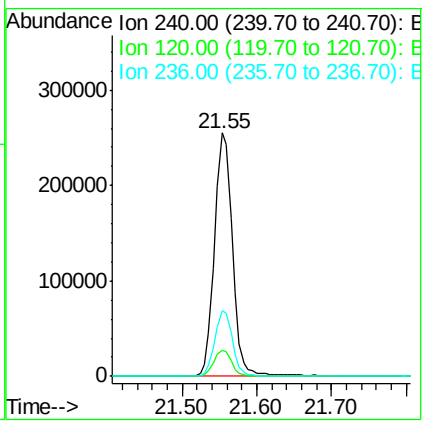


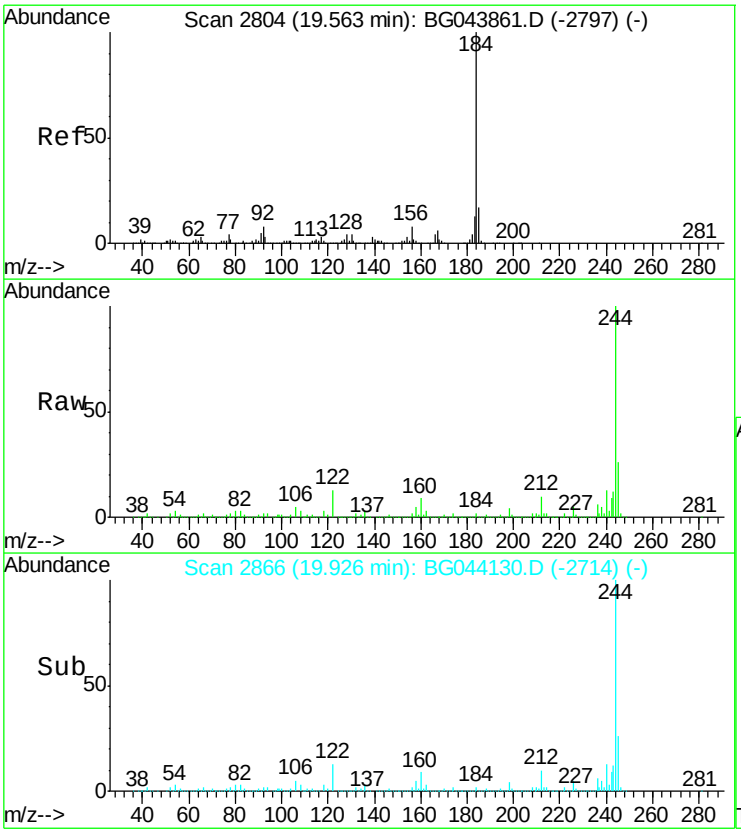
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.55 min Scan# 3143
Delta R.T. -0.04 min
Lab File: BG044130.D
Acq: 21 Jan 2020 12:46

Instrument :
BNA_G
ClientSampleId :
EP-11

Tgt Ion:240 Resp: 428441

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.6	14.4
236	27.1	22.2	33.2

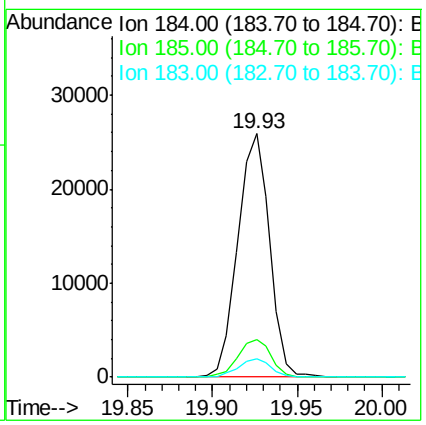


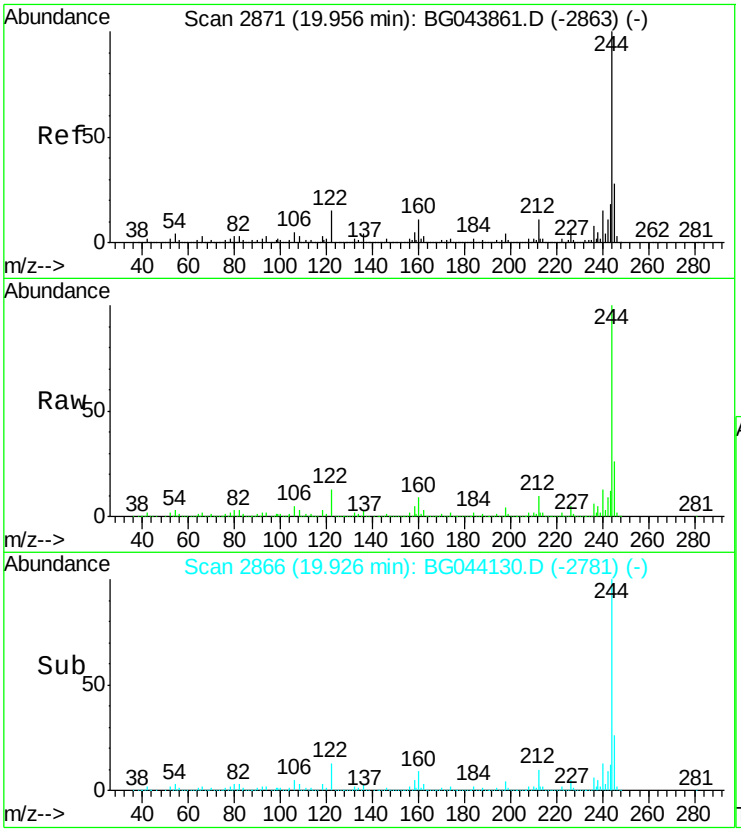


#77
Benzidine
Concen: 3.14 ng
RT: 19.93 min Scan# 2866
Delta R.T. 0.36 min
Lab File: BG044130.D
Acq: 21 Jan 2020 12:46

Tgt Ion:184 Resp: 33866

Ion	Ratio	Lower	Upper
184	100		
185	15.4	13.4	20.0
183	7.7	10.6	15.8#



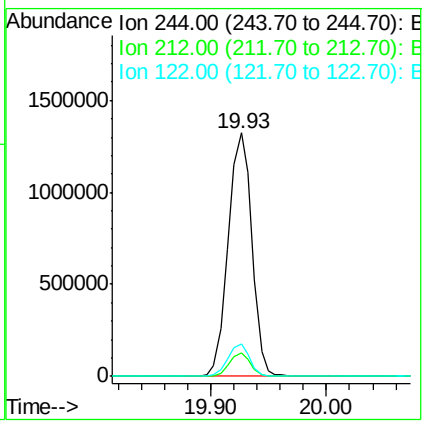


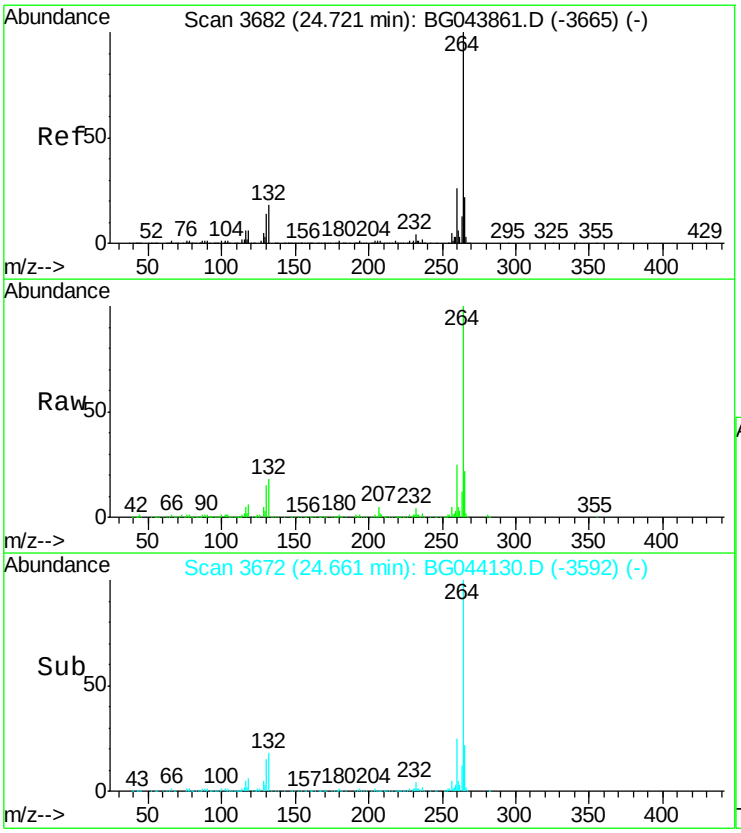
#79
Terphenyl-d14
Concen: 116.31 ng
RT: 19.93 min Scan# 2866
Delta R.T. -0.03 min
Lab File: BG044130.D
Acq: 21 Jan 2020 12:46

Instrument :
BNA_G
ClientSampleId :
EP-11

Tgt Ion:244 Resp: 1885761

Ion	Ratio	Lower	Upper
244	100		
212	9.6	8.6	13.0
122	13.4	11.9	17.9





#87
Perylene-d12
Concen: 20.00 ng
RT: 24.66 min Scan# 3672
Delta R.T. -0.06 min
Lab File: BG044130.D
Acq: 21 Jan 2020 12:46

Tgt Ion:264 Resp: 470990

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.4	30.6
265	22.2	17.4	26.2