Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012020\
Data File : BG044122.D
Acq On : 21 Jan 2020 7:35
Operator : JU
Sample : L1176-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP-6

Quant Time: Jan 21 10:18:49 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	79159	20.00	ng		-0.04
21) Naphthalene-d8	10.73	136	340590	20.00	ng		-0.04
39) Acenaphthene-d10	14.57	164	237897	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	506908	20.00	ng		-0.02
76) Chrysene-d12	21.55	240	429583	20.00	ng		-0.04
87) Perylene-d12	24.66	264	474445	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	635188	147.33	ng		-0.03
7) Phenol-d6	7.10	99	909114	150.86	ng		-0.02
23) Nitrobenzene-d5	9.09	82	524609	82.40	ng		-0.04
42) 2,4,6-Tribromophenol	16.05	330	352849	141.73	ng		-0.03
45) 2-Fluorobiphenyl	13.19	172	1250975	95.27	ng		-0.04
79) Terphenyl-d14	19.93	244	1795477	107.82	ng		-0.03
Target Compounds							Qvalue
10) Phenol	7.13	94	32601	5.25	ng		96
19) n-Nitroso-di-n-propylamine	9.09	70	68809	15.33	ng	#	79
50) Dimethylphthalate	14.02	163	116325	6.89	ng		97
57) 2,4-Dinitrotoluene	14.56	165	31326	6.03	ng	#	27
65) 4,6-Dinitro-2-methylphenol	16.05	198	1059	4.76	ng	#	1
67) 4-Bromophenyl-phenylether	16.05	248	25519	4.48	ng	#	1
77) Benzidine	19.93	184	31768	2.94	ng	#	93

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

Quantitation Report (Not Reviewed)

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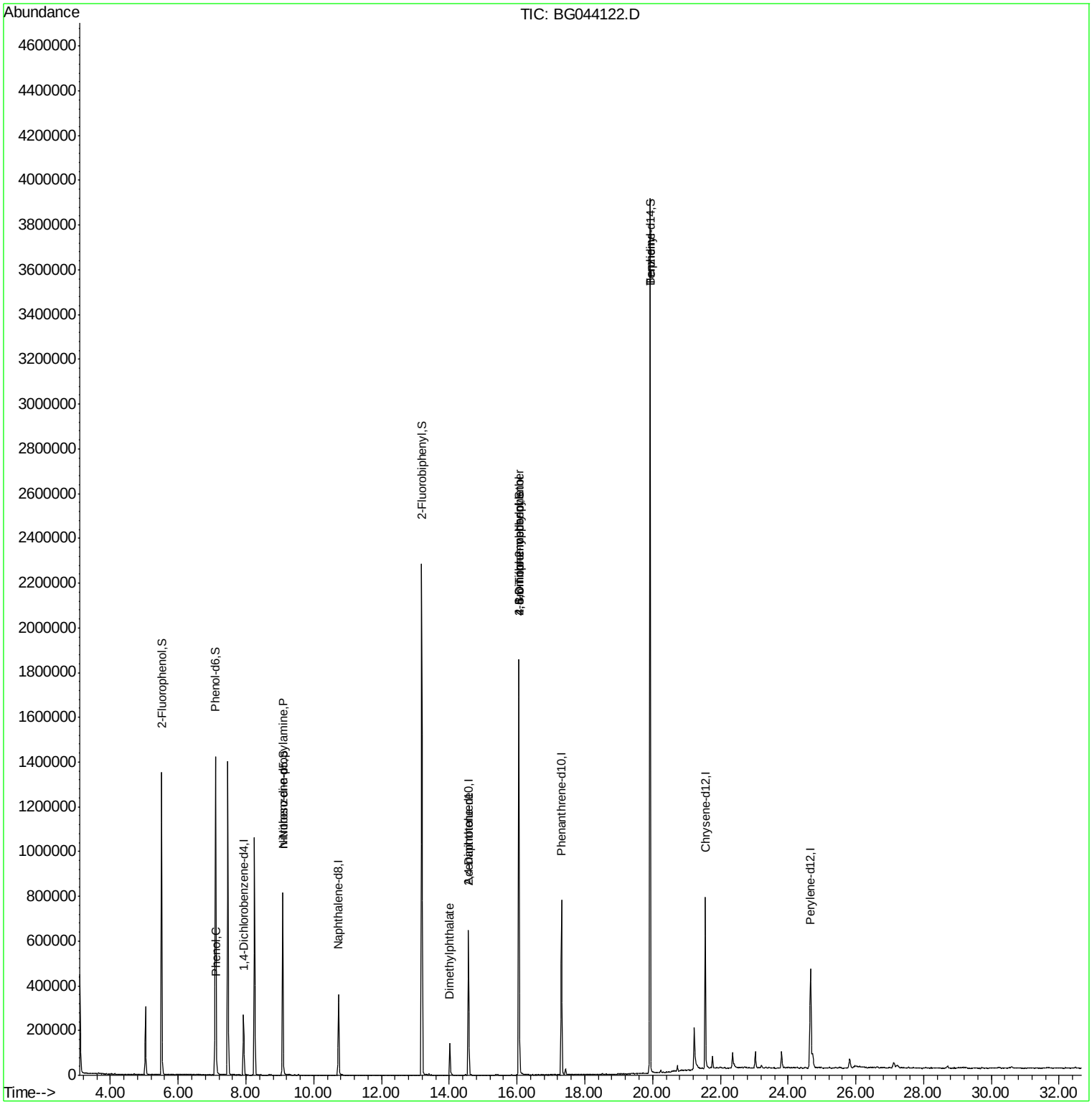
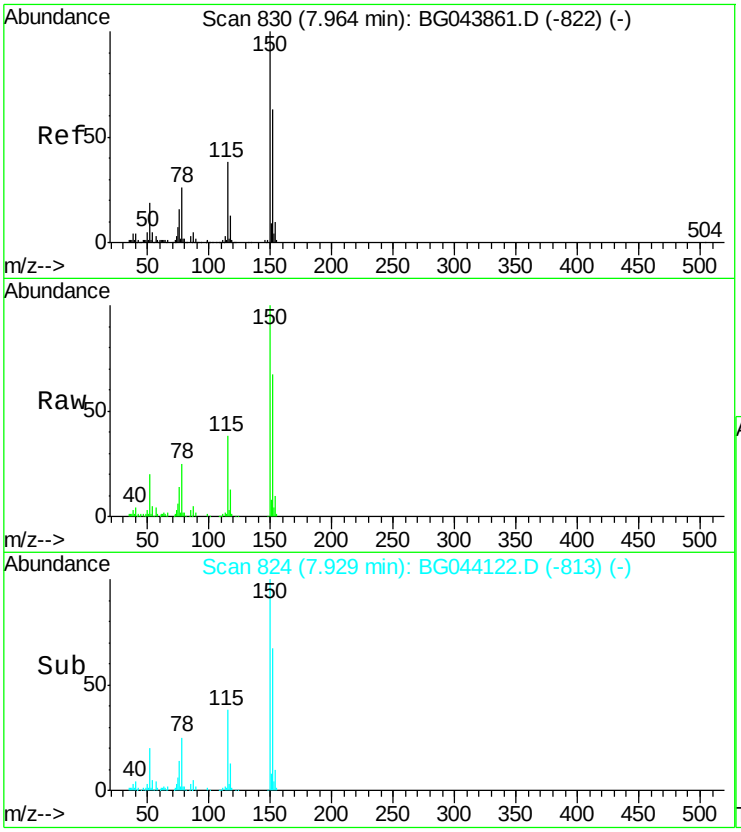


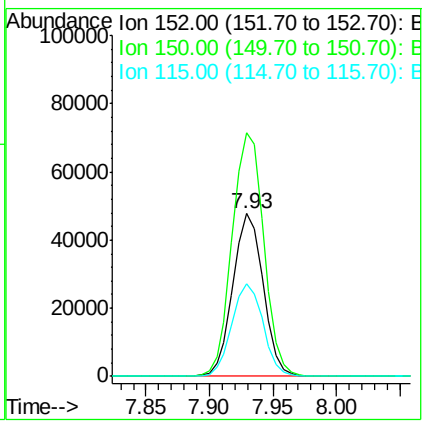


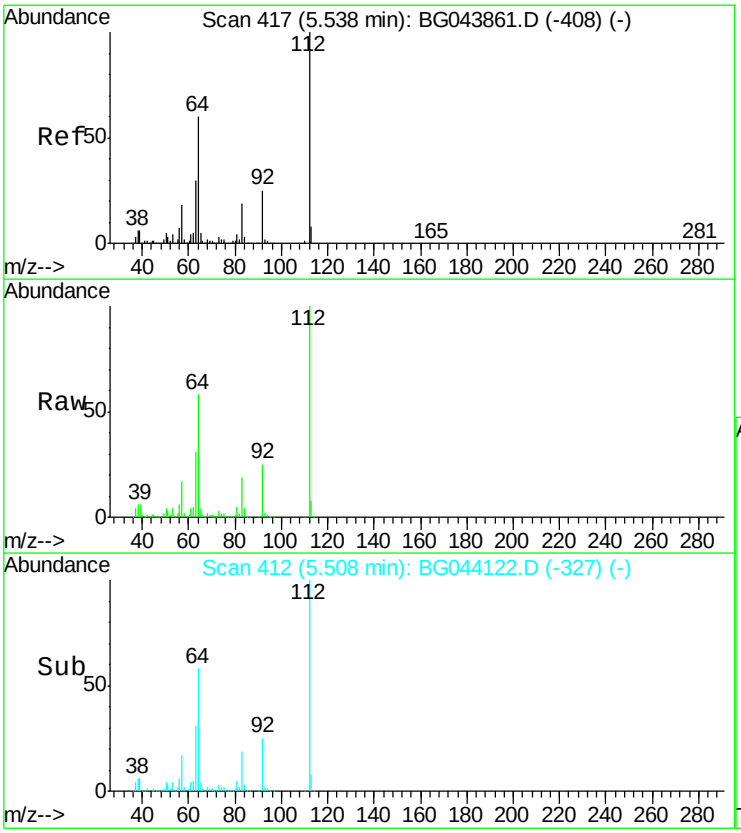
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044122.D
Acq: 21 Jan 2020 7:35

Instrument :
BNA_G
ClientSampleId :
EP-6

Tgt Ion:152 Resp: 79159

Ion	Ratio	Lower	Upper
152	100		
150	149.8	127.0	190.4
115	56.6	47.8	71.8

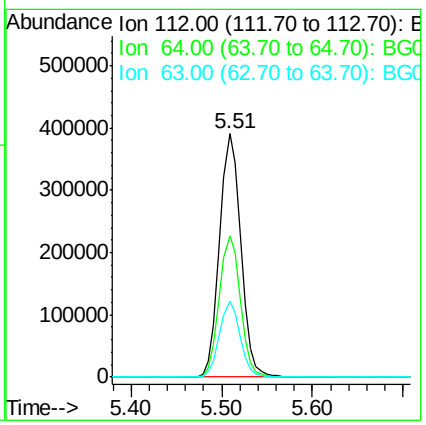


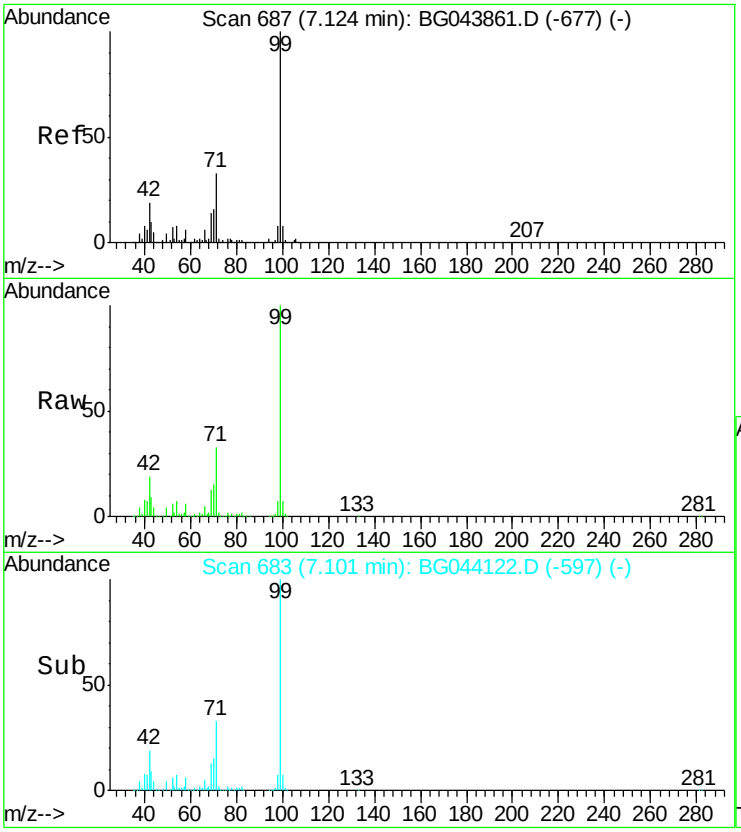


#5
2-Fluorophenol
Concen: 147.33 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044122.D
Acq: 21 Jan 2020 7:35

Tgt Ion:112 Resp: 635188

Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.8	71.6
63	31.1	24.3	36.5



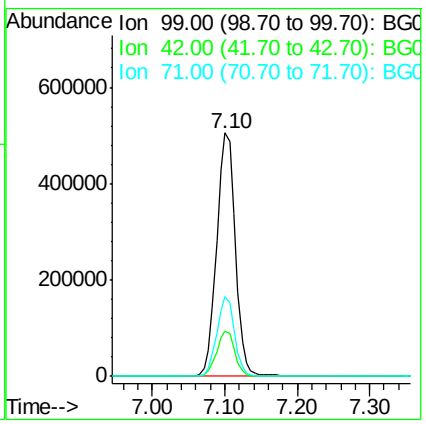


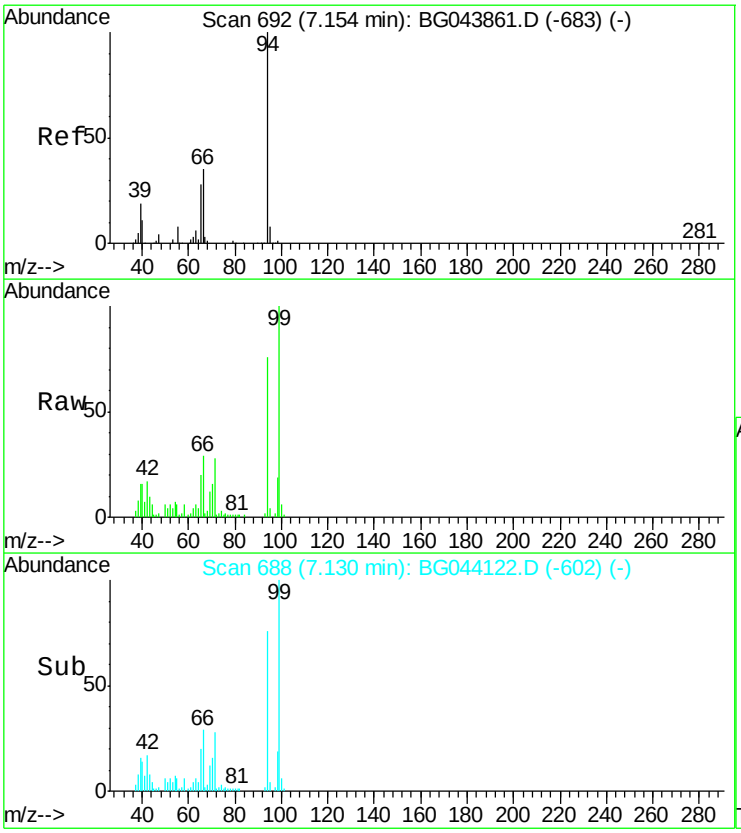
#7
Phenol-d6
Concen: 150.86 ng
RT: 7.10 min Scan# 683
Delta R.T. -0.02 min
Lab File: BG044122.D
Acq: 21 Jan 2020 7:35

Instrument :
BNA_G
ClientSampleId :
EP-6

Tgt Ion: 99 Resp: 909114

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.9	22.3
71	32.8	26.4	39.6

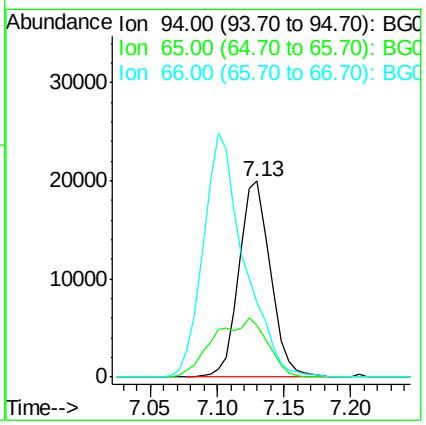


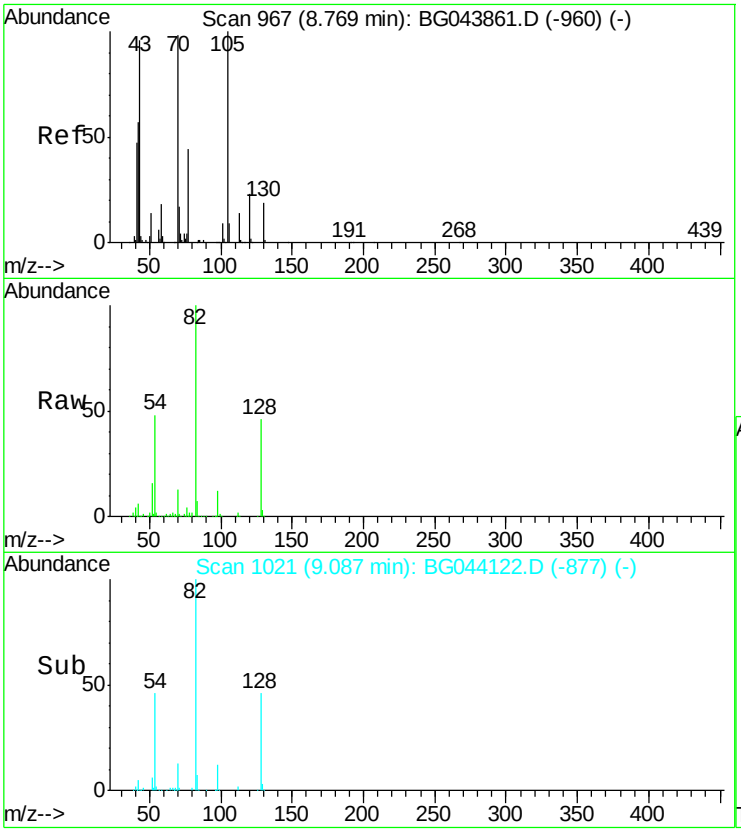


#10
Phenol
Concen: 5.25 ng
RT: 7.13 min Scan# 688
Delta R.T. -0.02 min
Lab File: BG044122.D
Acq: 21 Jan 2020 7:35

Tgt Ion: 94 Resp: 32601

Ion	Ratio	Lower	Upper
94	100		
65	26.5	8.1	48.1
66	38.1	15.6	55.6



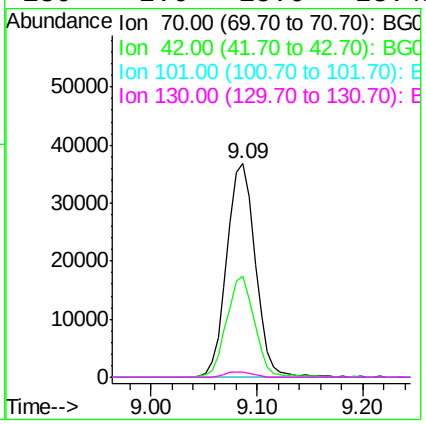


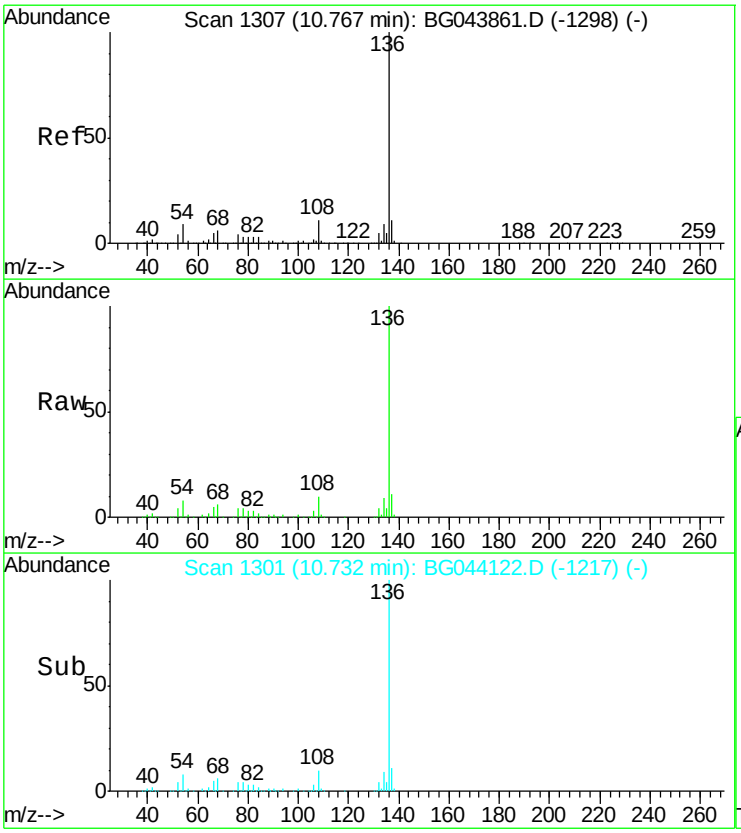
#19
n-Nitroso-di-n-propylamine
Concen: 15.33 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.32 min
Lab File: BG044122.D
Acq: 21 Jan 2020 7:35

Instrument :
BNA_G
ClientSampleId :
EP-6

Tgt Ion: 70 Resp: 68809

Ion	Ratio	Lower	Upper
70	100		
42	47.4	47.0	70.4
101	0.0	7.2	10.8#
130	2.6	15.6	23.4#

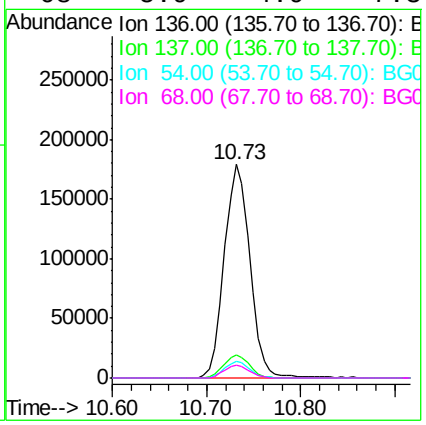


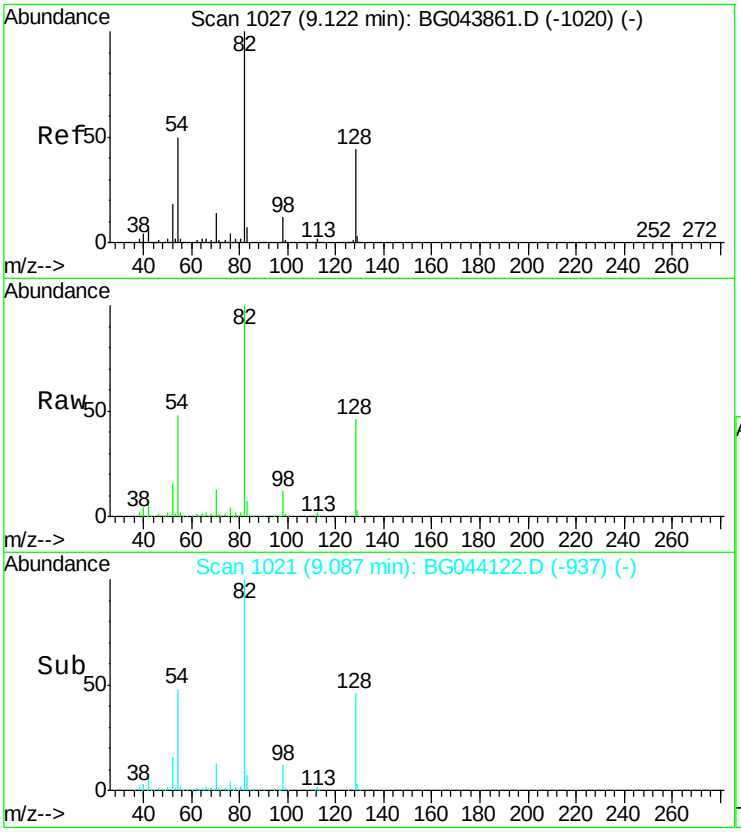


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044122.D
Acq: 21 Jan 2020 7:35

Tgt Ion:136 Resp: 340590

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.0	7.0	10.4
68	5.9	4.9	7.3



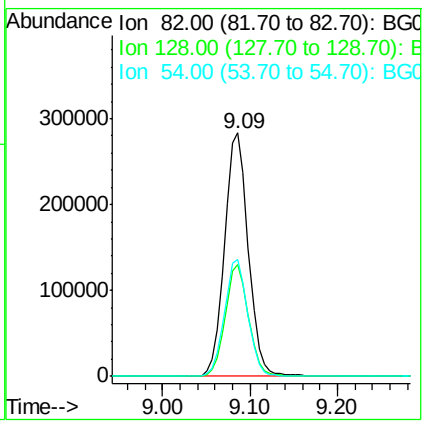


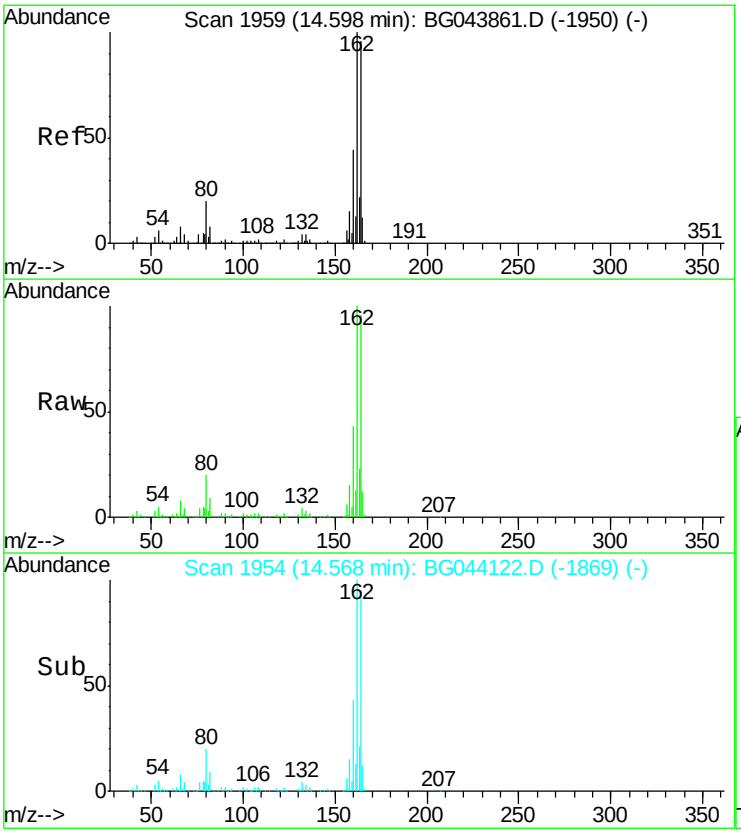
#23
Nitrobenzene-d5
Concen: 82.40 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.04 min
Lab File: BG044122.D
Acq: 21 Jan 2020 7:35

Instrument :
BNA_G
ClientSampleId :
EP-6

Tgt Ion: 82 Resp: 524609

Ion	Ratio	Lower	Upper
82	100		
128	46.2	35.1	52.7
54	48.2	40.1	60.1

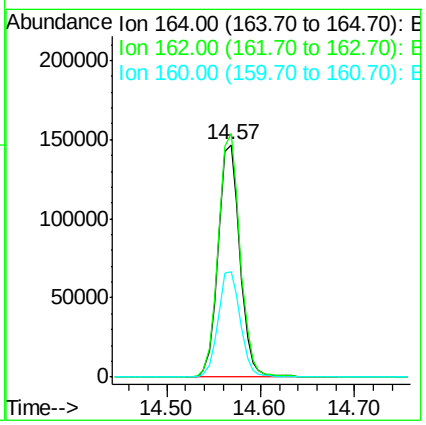


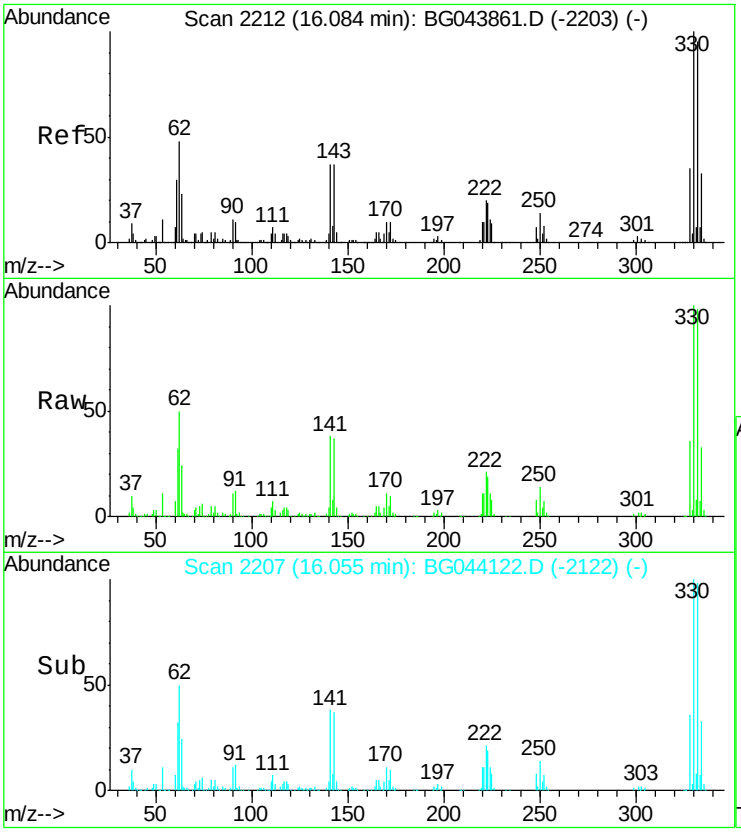


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BG044122.D
Acq: 21 Jan 2020 7:35

Tgt Ion:164 Resp: 237897

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.0	124.4
160	45.5	36.1	54.1



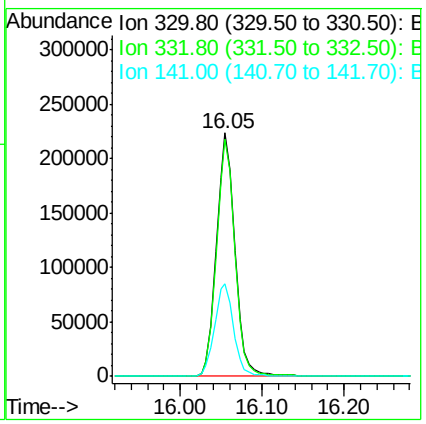


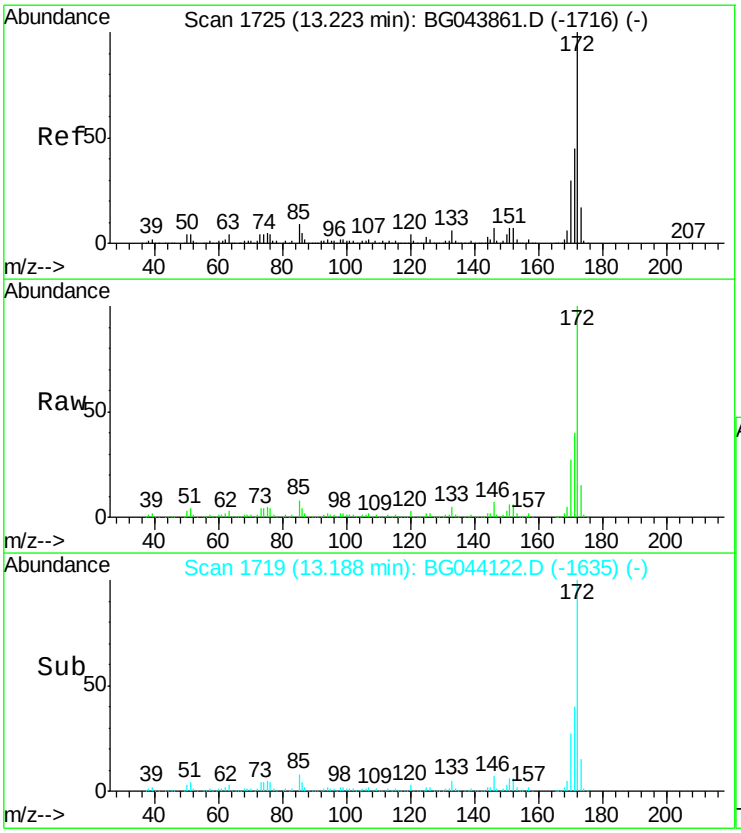
#42
2,4,6-Tribromophenol
Concen: 141.73 ng
RT: 16.05 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BG044122.D
Acq: 21 Jan 2020 7:35

Instrument :
BNA_G
ClientSampleId :
EP-6

Tgt Ion:330 Resp: 352849

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.2	115.8
141	39.2	33.1	49.7

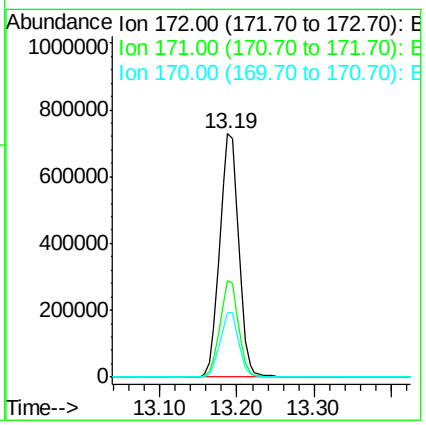


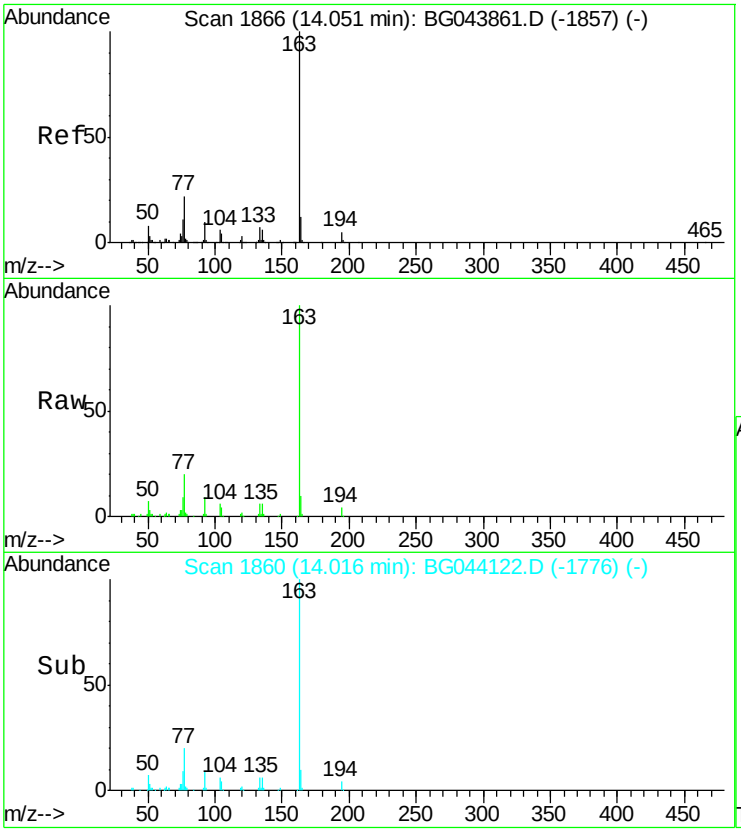


#45
2-Fluorobiphenyl
Concen: 95.27 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.04 min
Lab File: BG044122.D
Acq: 21 Jan 2020 7:35

Tgt Ion:172 Resp: 1250975

Ion	Ratio	Lower	Upper
172	100		
171	39.9	35.8	53.8
170	26.6	24.2	36.4



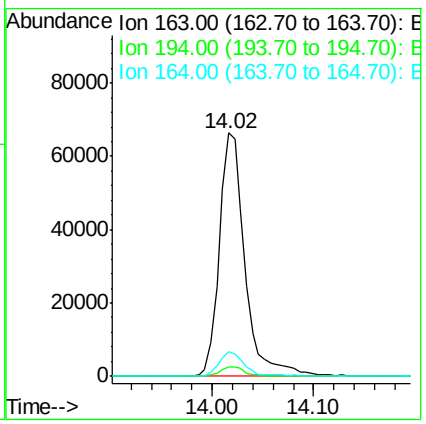


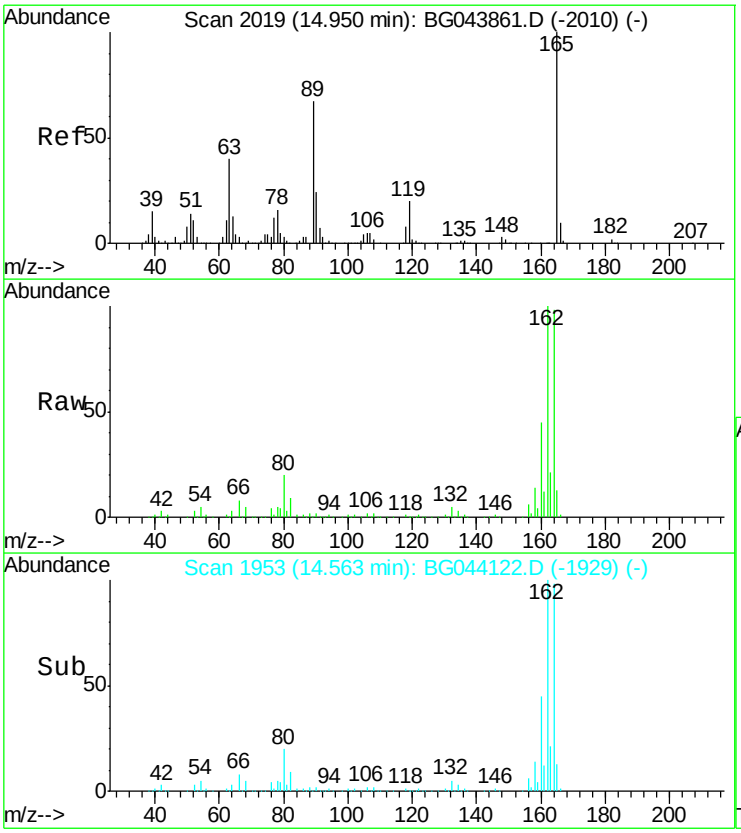
#50
Dimethylphthalate
Concen: 6.89 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.04 min
Lab File: BG044122.D
Acq: 21 Jan 2020 7:35

Instrument :
BNA_G
ClientSampleId :
EP-6

Tgt Ion:163 Resp: 116325

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.7	5.5
164	10.4	9.3	13.9

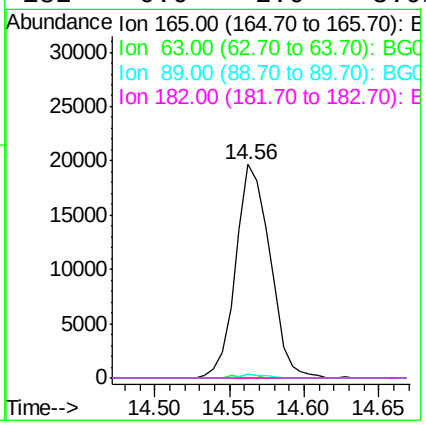


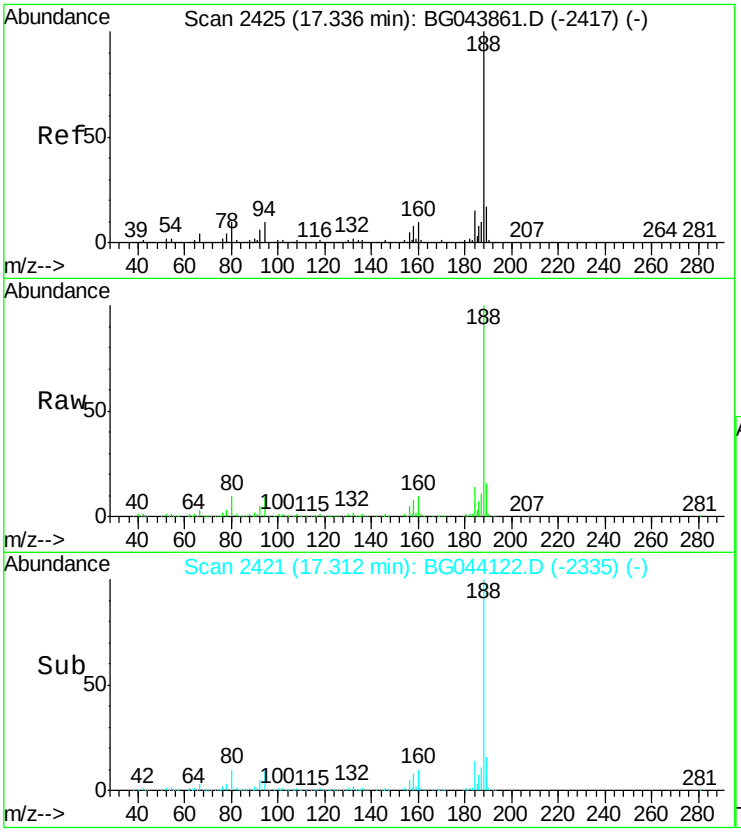


#57
2,4-Dinitrotoluene
Concen: 6.03 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.39 min
Lab File: BG044122.D
Acq: 21 Jan 2020 7:35

Tgt Ion:165 Resp: 31326

Ion	Ratio	Lower	Upper
165	100		
63	1.7	31.9	47.9#
89	1.7	53.8	80.6#
182	0.0	2.0	3.0#



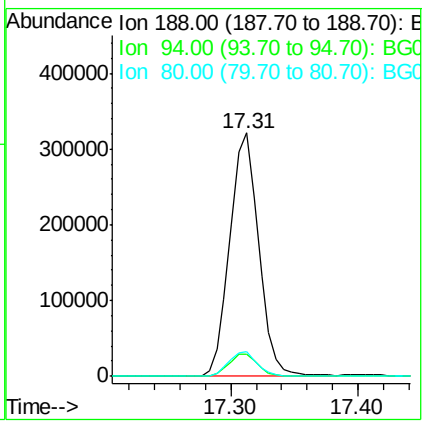


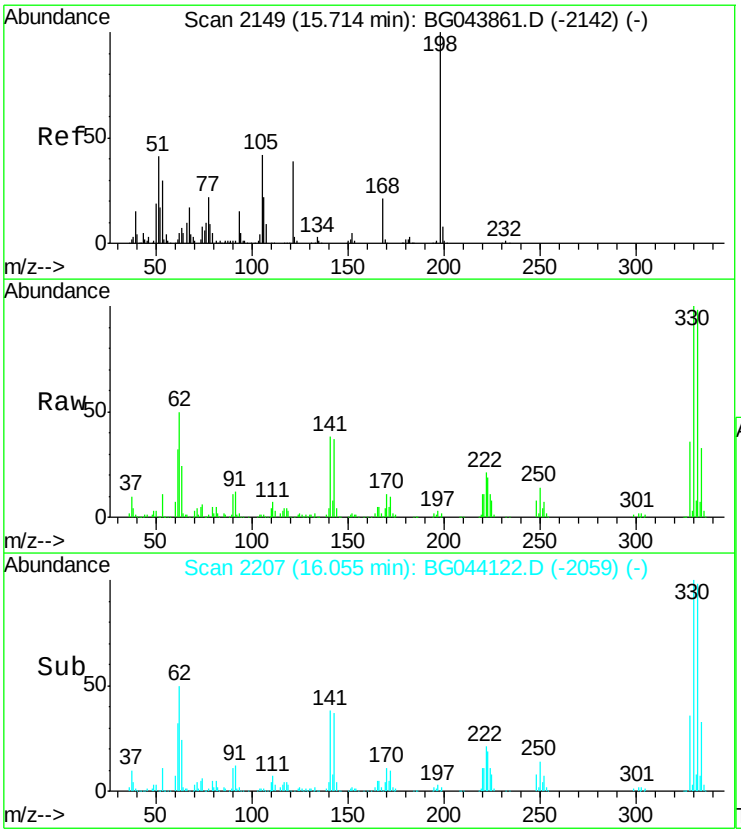
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044122.D
Acq: 21 Jan 2020 7:35

Instrument :
BNA_G
ClientSampleId :
EP-6

Tgt Ion:188 Resp: 506908

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.9	11.9
80	10.3	8.2	12.4

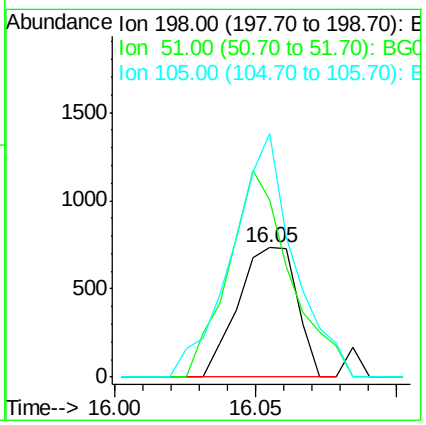


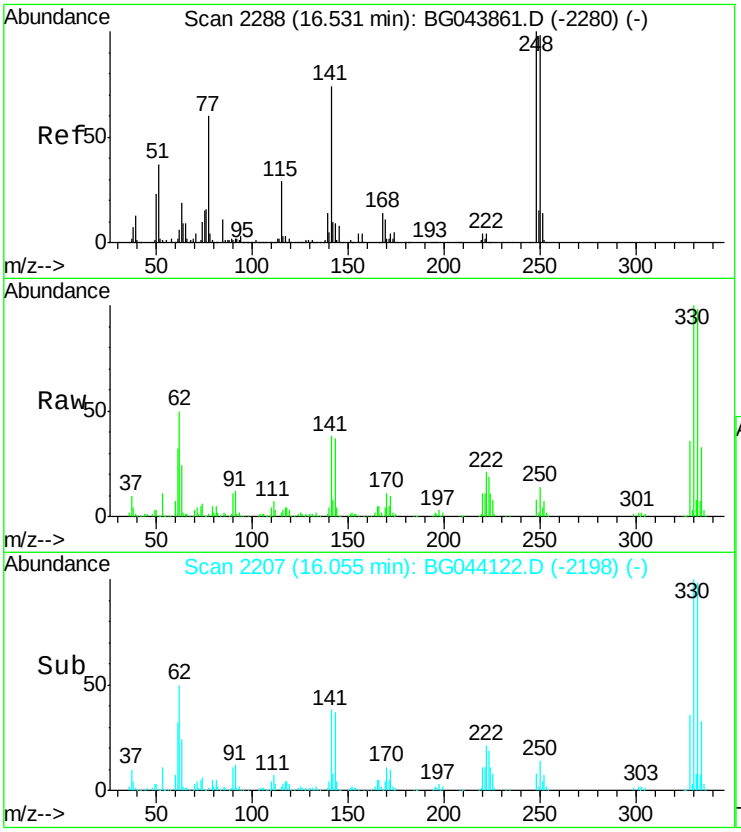


#65
4,6-Dinitro-2-methylphenol
Concen: 4.76 ng
RT: 16.05 min Scan# 2207
Delta R.T. 0.34 min
Lab File: BG044122.D
Acq: 21 Jan 2020 7:35

Tgt Ion:198 Resp: 1059

Ion	Ratio	Lower	Upper
198	100		
51	136.7	22.5	62.5#
105	188.5	22.3	62.3#



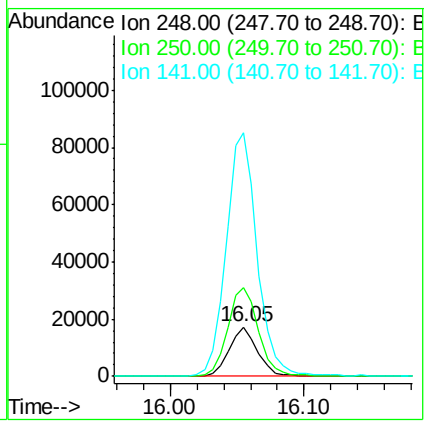


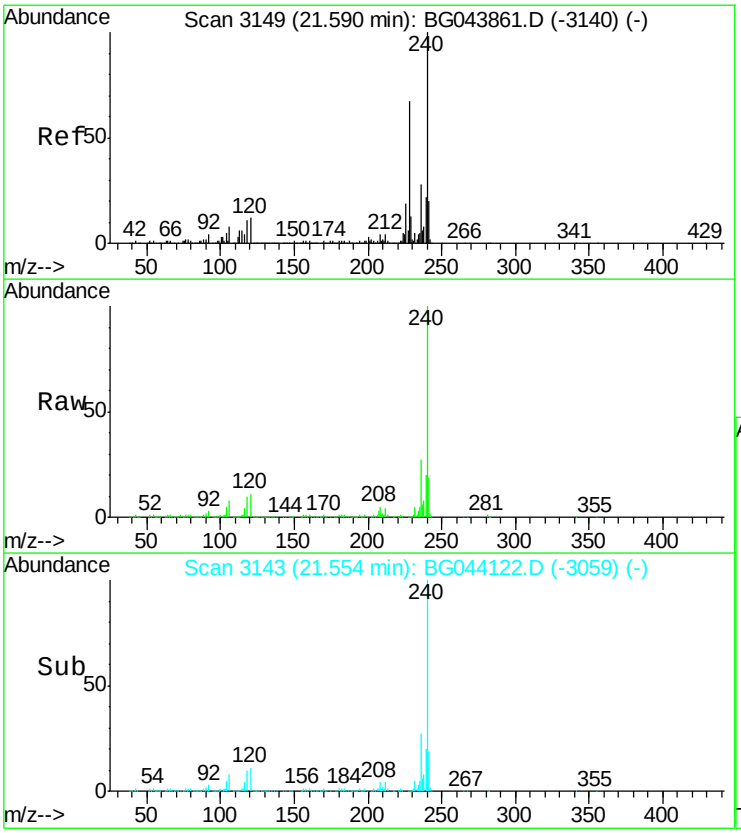
#67
4-Bromophenyl-phenylether
Concen: 4.48 ng
RT: 16.05 min Scan# 2207
Delta R.T. -0.48 min
Lab File: BG044122.D
Acq: 21 Jan 2020 7:35

Instrument :
BNA_G
ClientSampleId :
EP-6

Tgt Ion:248 Resp: 25519

Ion	Ratio	Lower	Upper
248	100		
250	178.5	78.2	117.2#
141	490.0	59.3	88.9#

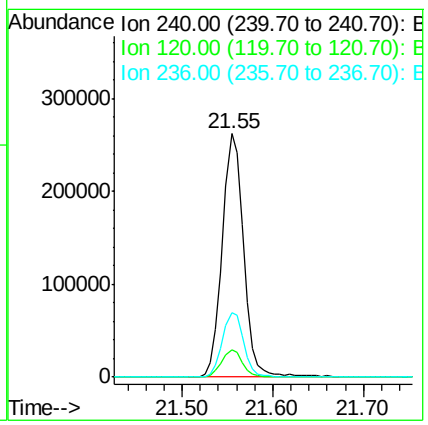


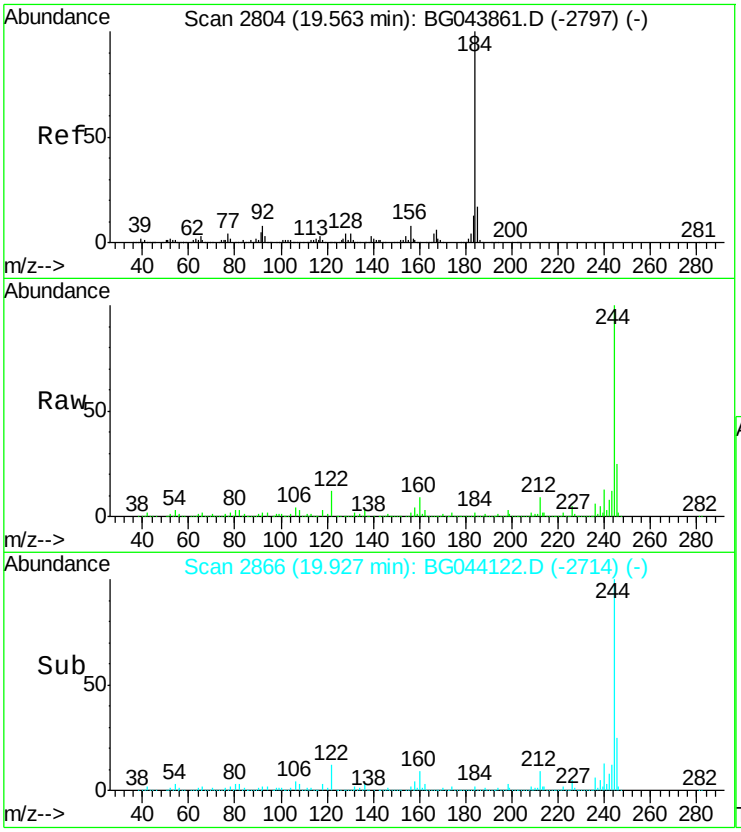


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.55 min Scan# 3143
Delta R.T. -0.04 min
Lab File: BG044122.D
Acq: 21 Jan 2020 7:35

Tgt Ion:240 Resp: 429583

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.6	14.4
236	26.7	22.2	33.2



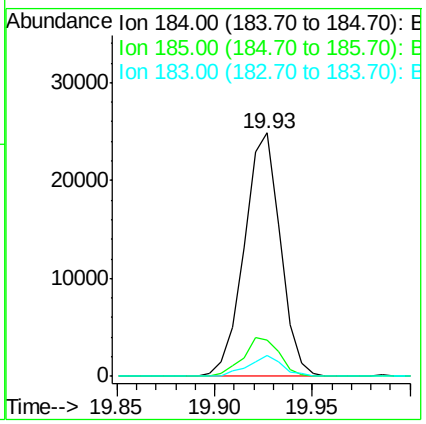


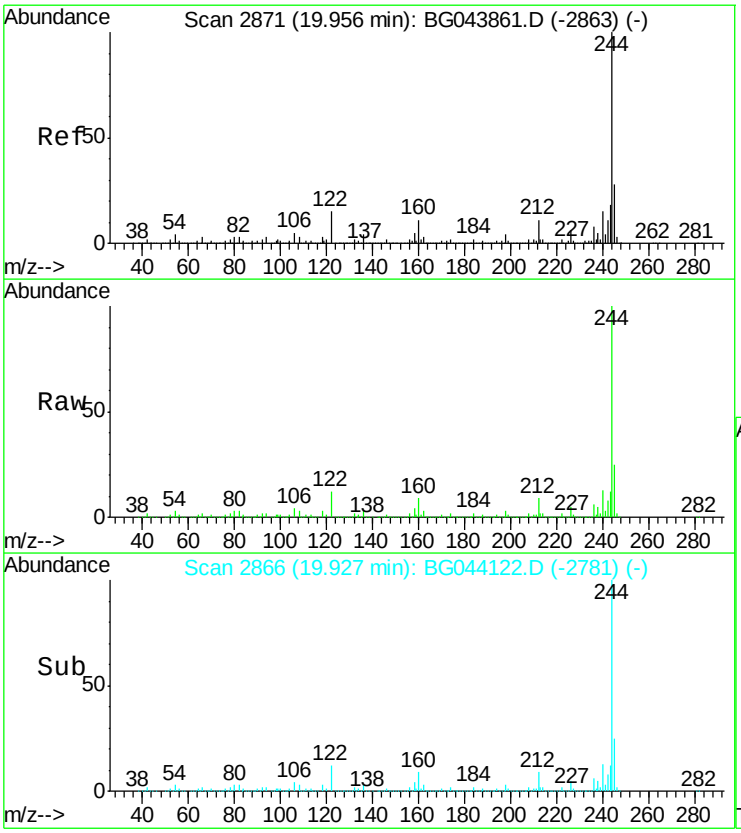
#77
Benzidine
Concen: 2.94 ng
RT: 19.93 min Scan# 2866
Delta R.T. 0.36 min
Lab File: BG044122.D
Acq: 21 Jan 2020 7:35

Instrument :
BNA_G
ClientSampleId :
EP-6

Tgt Ion:184 Resp: 31768

Ion	Ratio	Lower	Upper
184	100		
185	14.9	13.4	20.0
183	8.6	10.6	15.8#

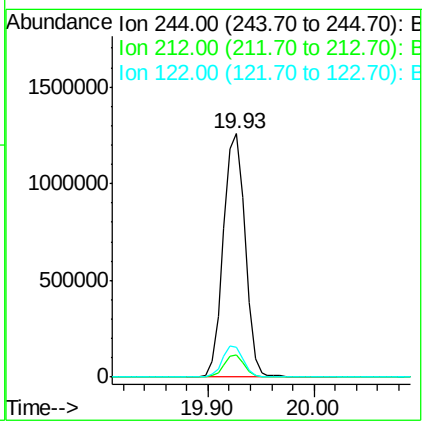


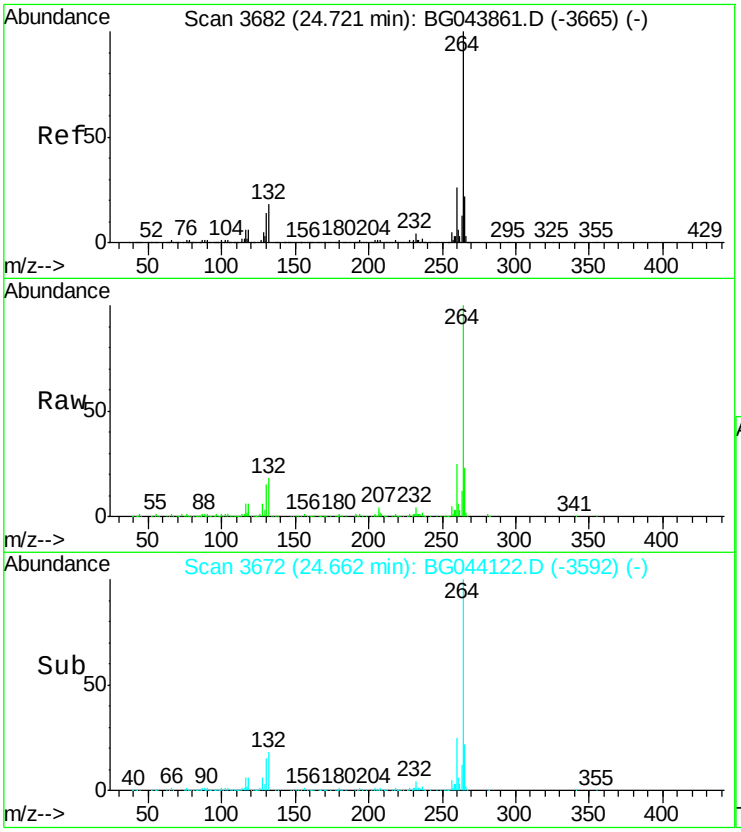


#79
Terphenyl-d14
Concen: 107.82 ng
RT: 19.93 min Scan# 2866
Delta R.T. -0.03 min
Lab File: BG044122.D
Acq: 21 Jan 2020 7:35

Tgt Ion:244 Resp: 1795477

Ion	Ratio	Lower	Upper
244	100		
212	9.3	8.6	13.0
122	12.3	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: BG044122.D
Acq: 21 Jan 2020 7:35

Instrument :
BNA_G
ClientSampleId :
EP-6

Tgt Ion:264 Resp: 474445

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.4	30.6
265	22.6	17.4	26.2