Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060719\
Data File : BG041123.D
Acq On : 8 Jun 2019 7:17
Operator : HP/JU
Sample : K3177-02RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 08 18:23:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 08 17:33:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	42498	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	171375	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	137382	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	350790	20.00	ng		0.00
76) Chrysene-d12	21.75	240	356671	20.00	ng		0.00
87) Perylene-d12	25.08	264	372916	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	52984	22.48	ng		0.00
7) Phenol-d6	7.25	99	194195	53.35	ng		0.00
23) Nitrobenzene-d5	9.28	82	238315	61.73	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	6015	2.95	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	601994	63.10	ng		0.00
79) Terphenyl-d14	20.07	244	1103338	65.65	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.28	70	32353	11.550	ng	#	80
50) Dimethylphthalate	14.18	163	67378	5.794	ng		97
57) 2,4-Dinitrotoluene	14.74	165	16583	4.682	ng	#	23
65) 4,6-Dinitro-2-methylphenol	15.75	198	55	8.614	ng	#	34
77) Benzidine	20.07	184	17287	2.032	ng	#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060719\
Data File : BG041123.D
Acq On : 8 Jun 2019 7:17
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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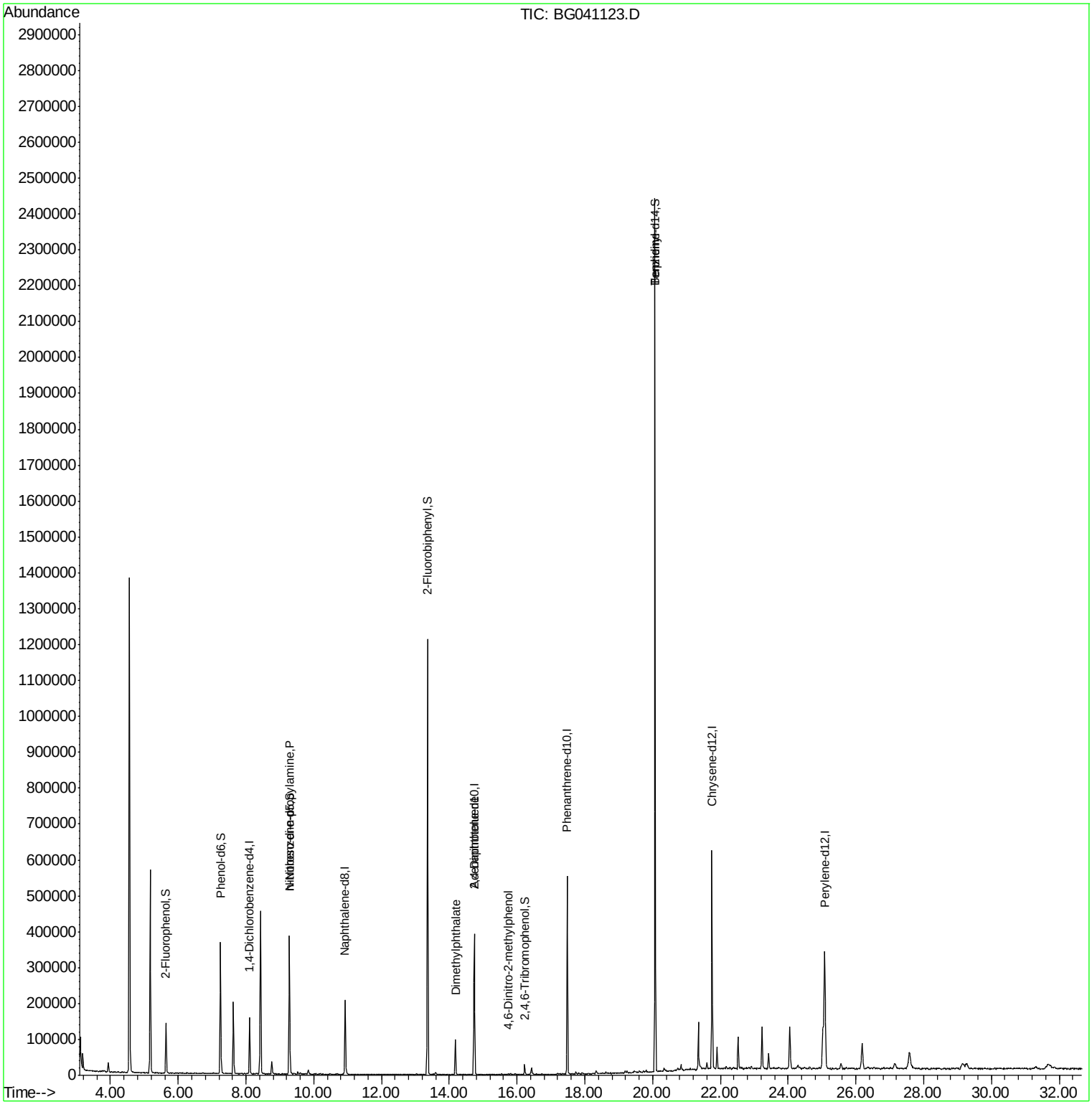
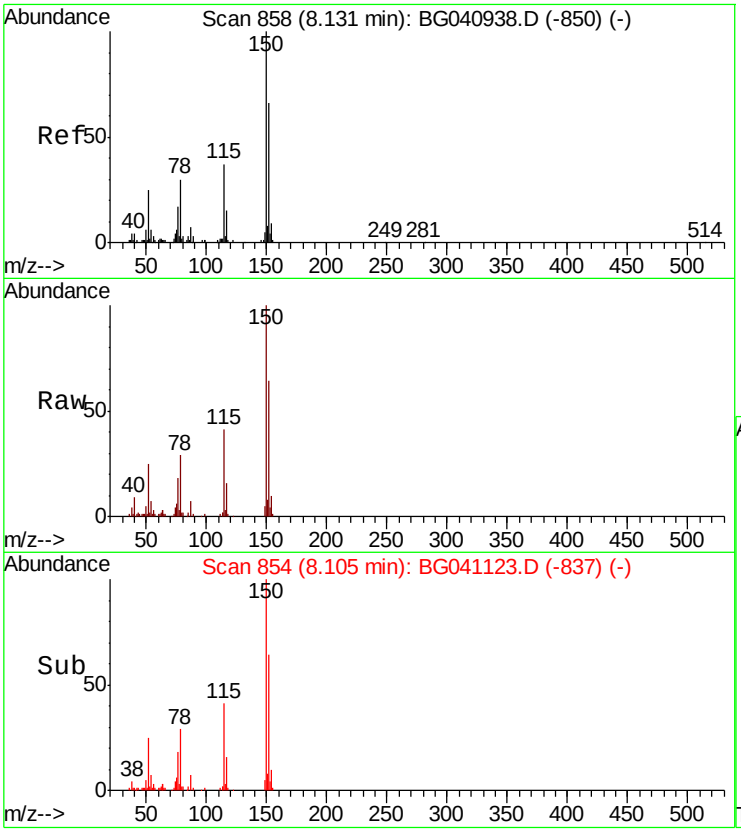
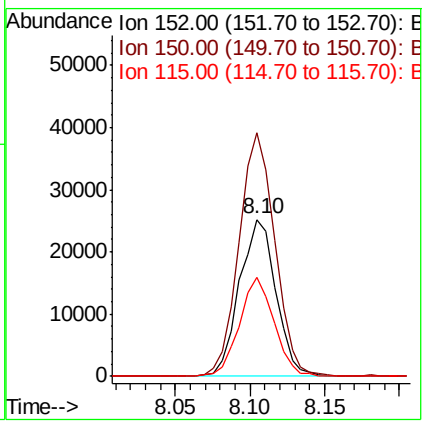




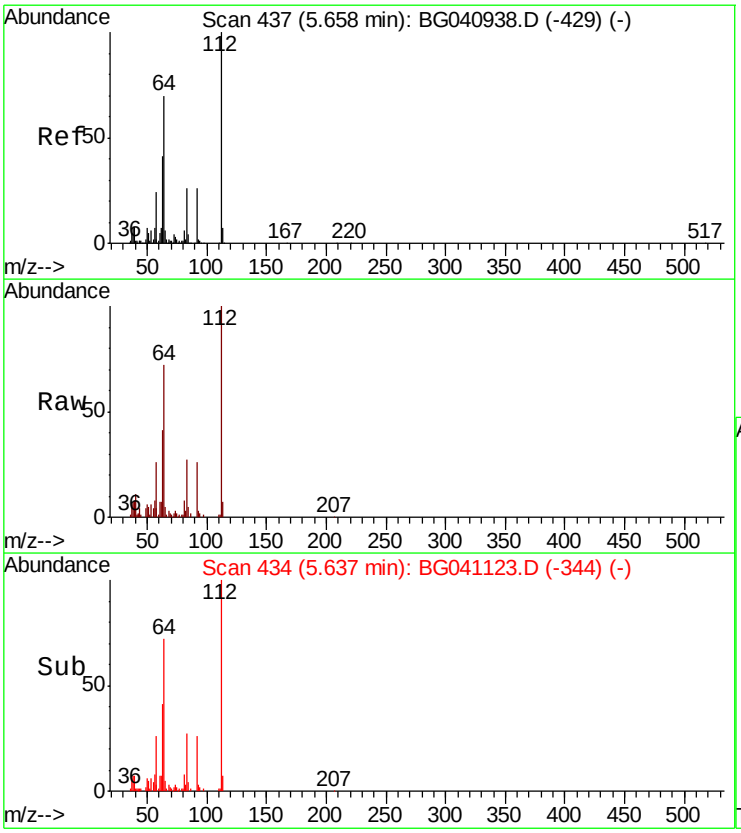
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041123.D
Acq: 8 Jun 2019 7:17

Tgt Ion:152 Resp: 42498

Ion	Ratio	Lower	Upper
152	100		
150	155.4	111.7	167.5
115	63.2	48.6	73.0



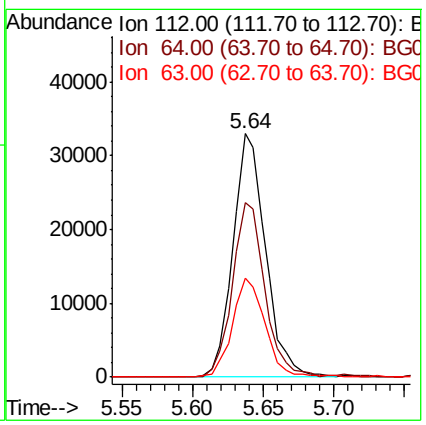
Instrument :
BNA_G
ClientSampleId :

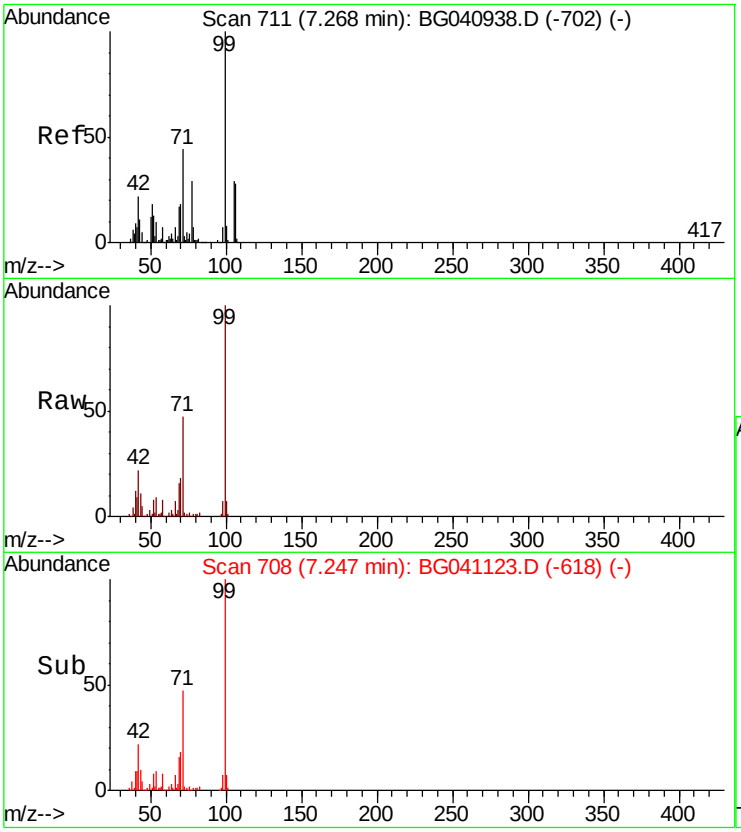


#5
2-Fluorophenol
Concen: 22.481 ng
RT: 5.64 min Scan# 434
Delta R.T. -0.00 min
Lab File: BG041123.D
Acq: 8 Jun 2019 7:17

Tgt Ion:112 Resp: 52984

Ion	Ratio	Lower	Upper
112	100		
64	71.9	54.5	81.7
63	40.7	32.2	48.2



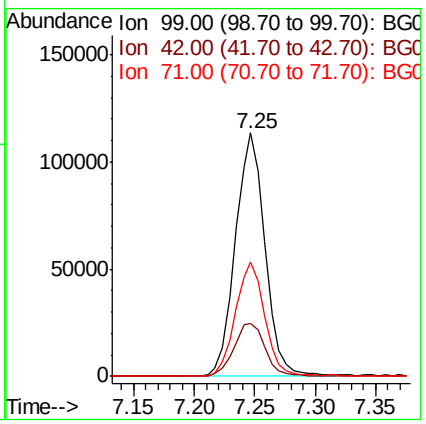


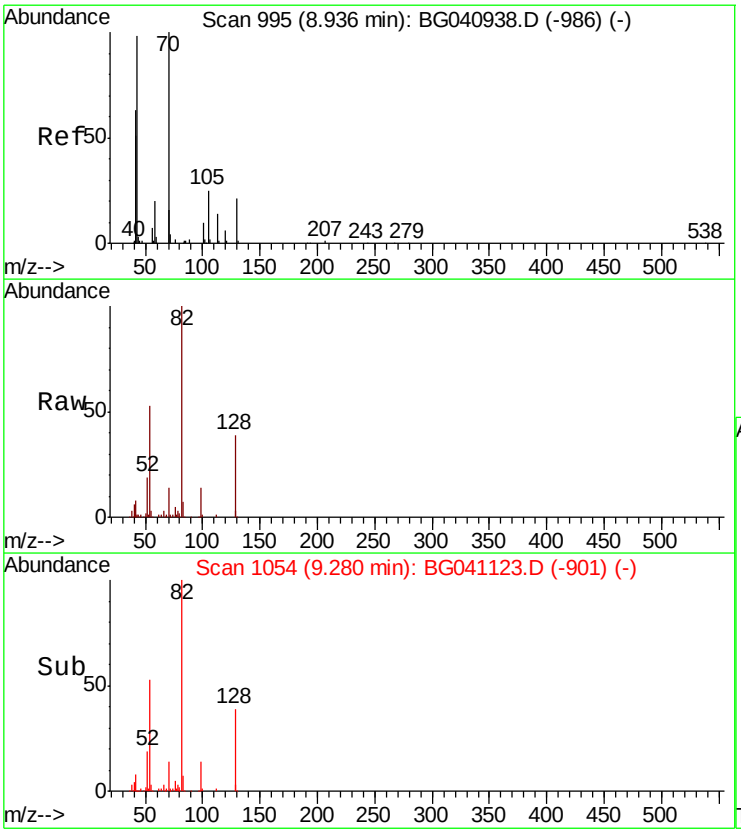
#7
Phenol-d6
Concen: 53.353 ng
RT: 7.25 min Scan# 708
Delta R.T. -0.00 min
Lab File: BG041123.D
Acq: 8 Jun 2019 7:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 194195

Ion	Ratio	Lower	Upper
99	100		
42	21.8	18.8	28.2
71	46.9	35.6	53.4

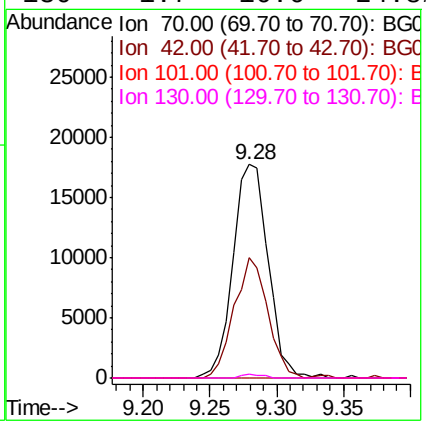


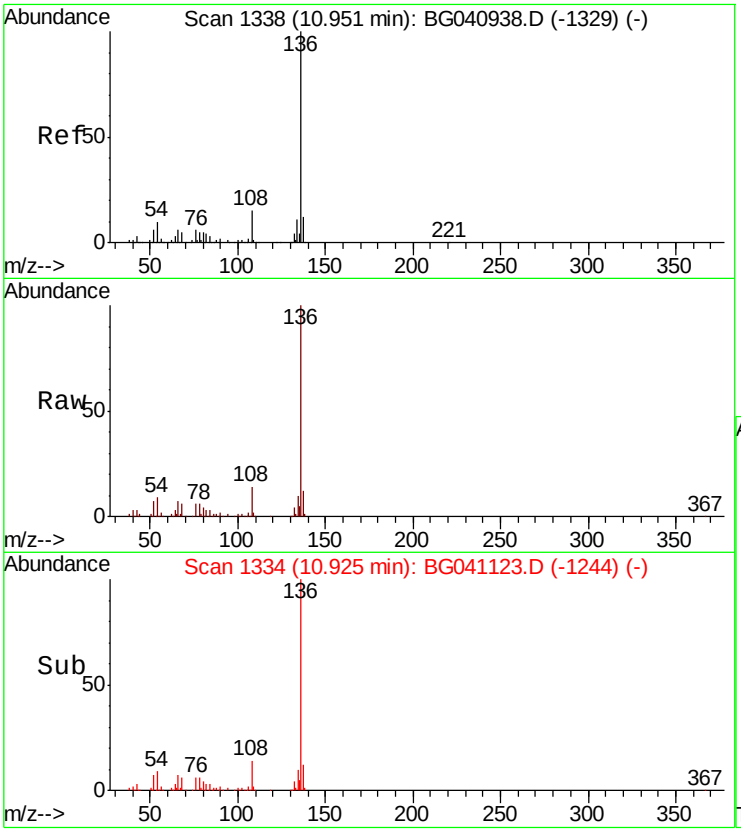


#19
n-Nitroso-di-n-propylamine
Concen: 11.550 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.37 min
Lab File: BG041123.D
Acq: 8 Jun 2019 7:17

Tgt Ion: 70 Resp: 32353

Ion	Ratio	Lower	Upper
70	100		
42	56.3	53.1	79.7
101	0.0	8.0	12.0#
130	1.7	16.6	24.8#



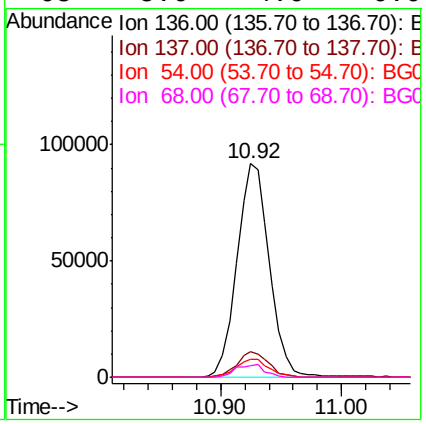


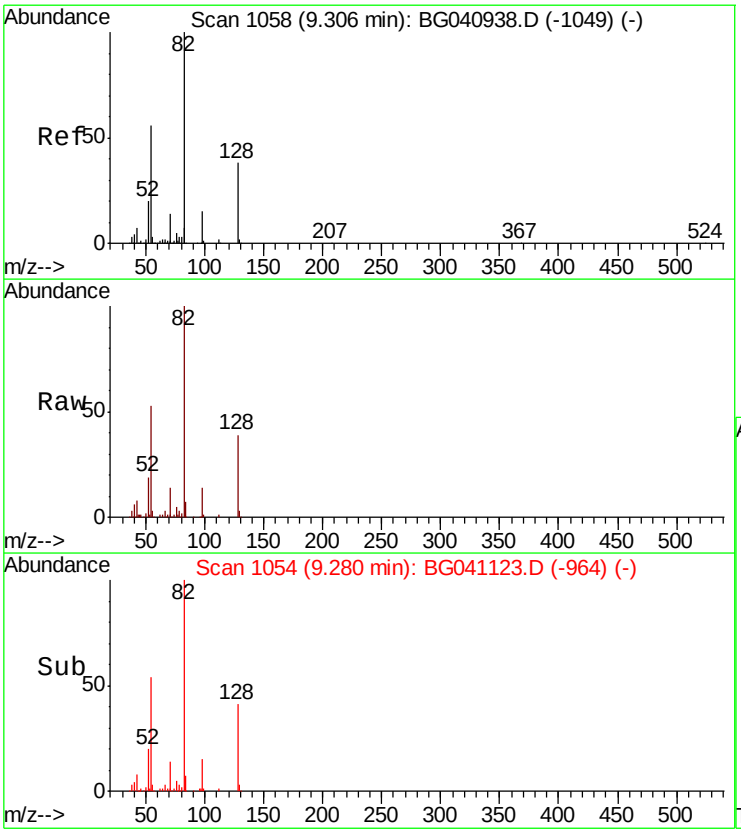
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG041123.D
Acq: 8 Jun 2019 7:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 171375

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.9	13.3
54	8.6	7.4	11.2
68	5.6	4.0	6.0

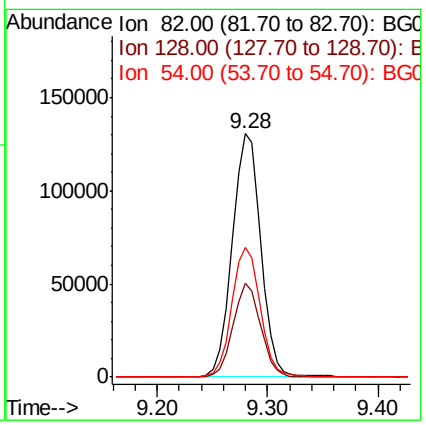


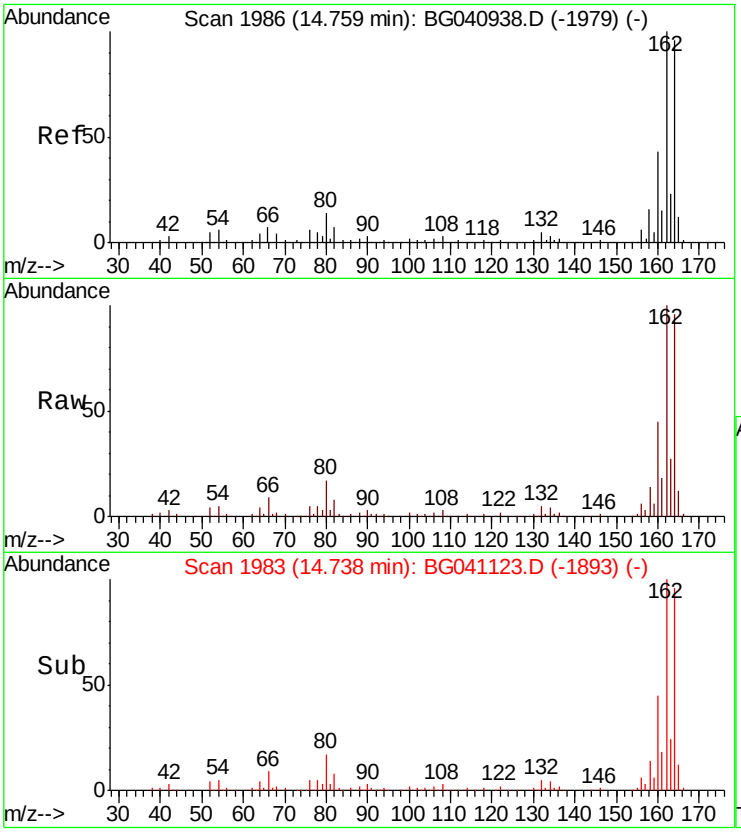


#23
Nitrobenzene-d5
Concen: 61.734 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG041123.D
Acq: 8 Jun 2019 7:17

Tgt Ion: 82 Resp: 238315

Ion	Ratio	Lower	Upper
82	100		
128	38.6	29.8	44.6
54	53.3	43.6	65.4



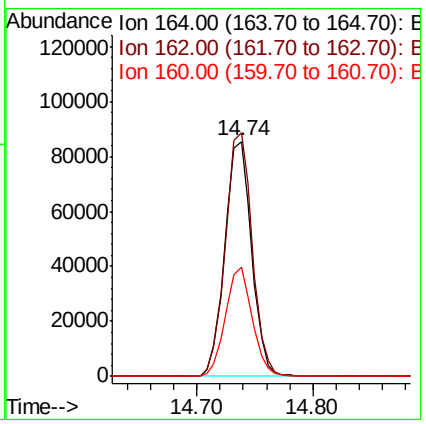


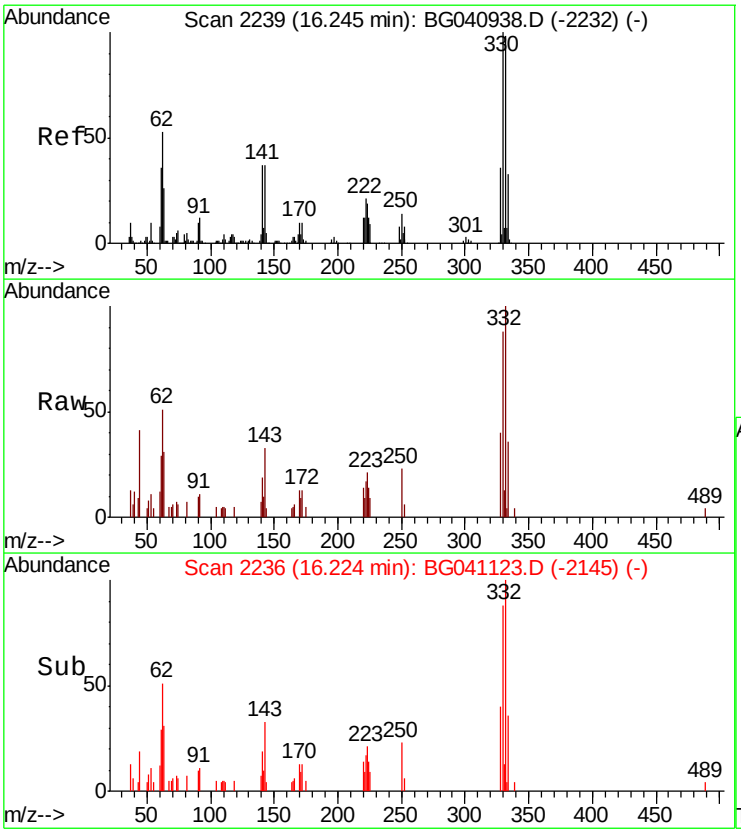
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG041123.D
Acq: 8 Jun 2019 7:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 137382

Ion	Ratio	Lower	Upper
164	100		
162	103.7	85.4	128.0
160	46.8	37.1	55.7

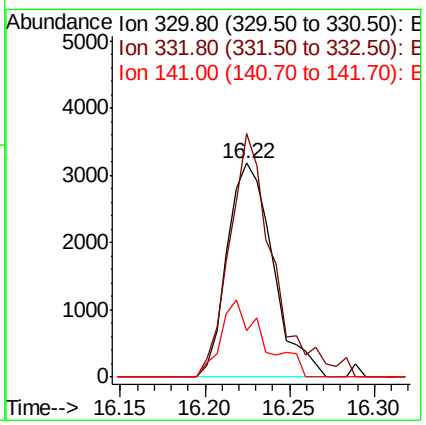


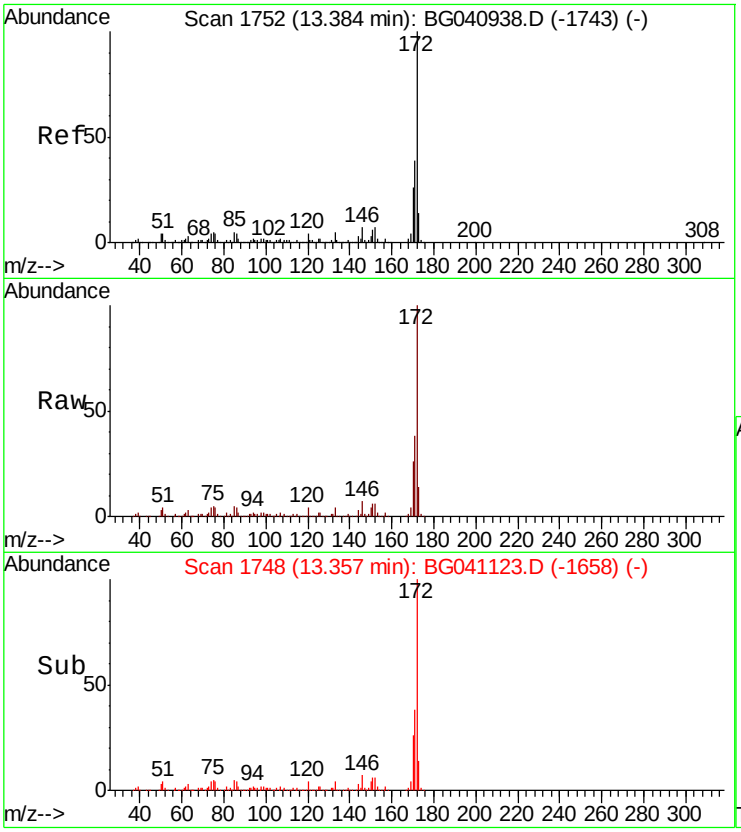


#42
2,4,6-Tribromophenol
Concen: 2.949 ng
RT: 16.22 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BG041123.D
Acq: 8 Jun 2019 7:17

Tgt Ion:330 Resp: 6015

Ion	Ratio	Lower	Upper
330	100		
332	108.3	77.9	116.9
141	33.1	29.0	43.4



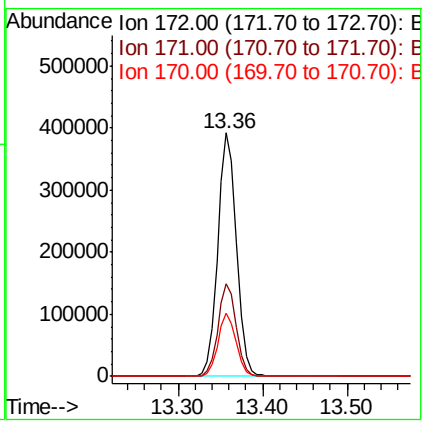


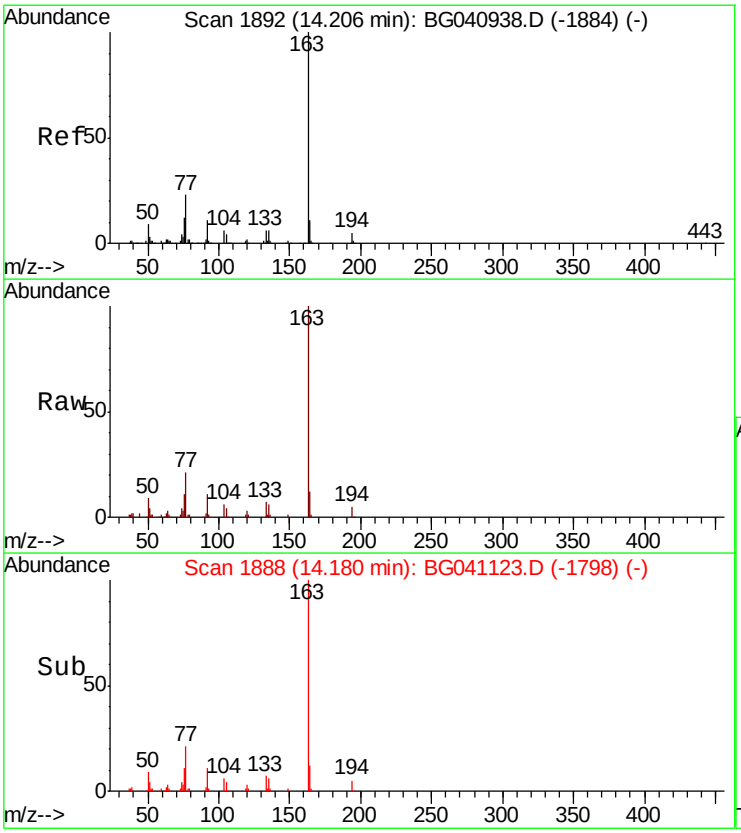
#45
2-Fluorobiphenyl
Concen: 63.104 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BG041123.D
Acq: 8 Jun 2019 7:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 601994

Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.8	46.2
170	26.1	21.3	31.9

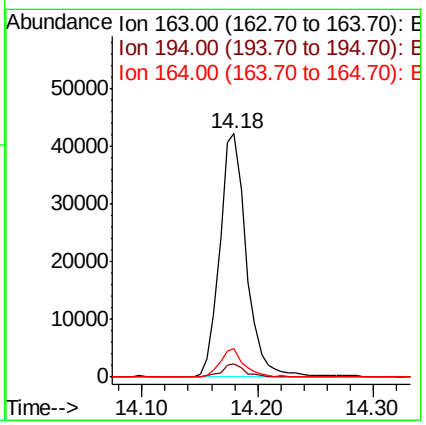


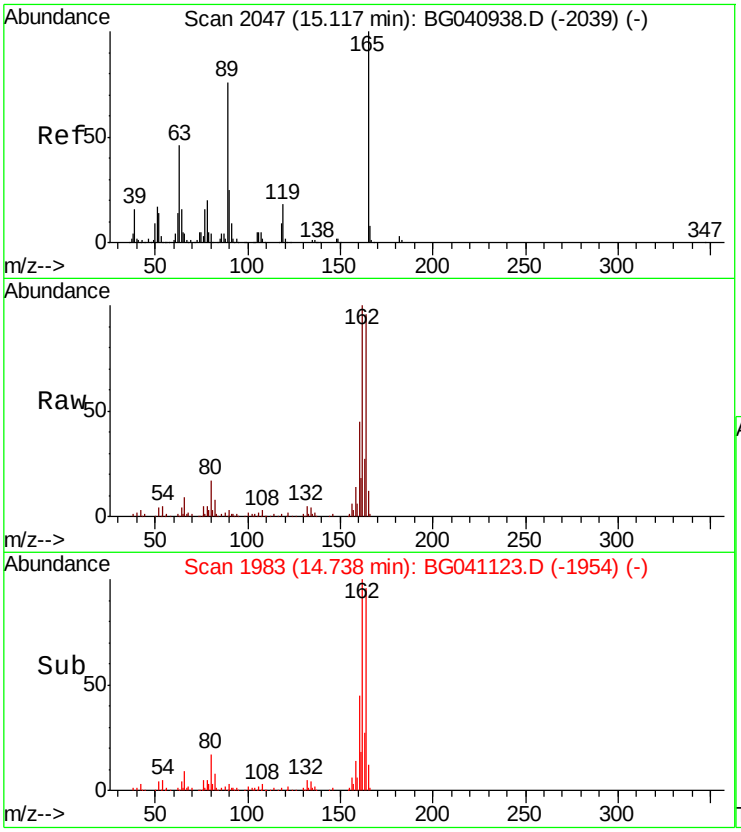


#50
Dimethylphthalate
Concen: 5.794 ng
RT: 14.18 min Scan# 1888
Delta R.T. -0.00 min
Lab File: BG041123.D
Acq: 8 Jun 2019 7:17

Tgt Ion:163 Resp: 67378

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.8	5.6
164	11.7	8.3	12.5



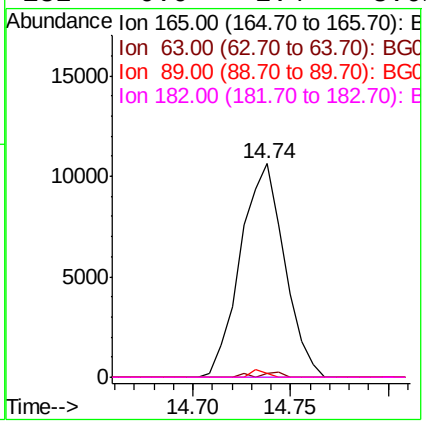


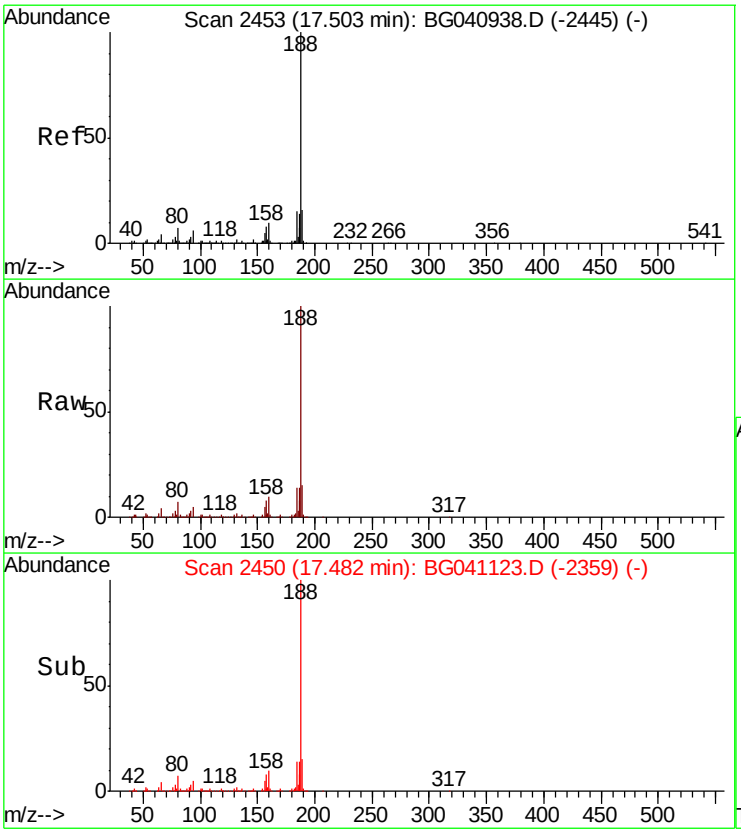
#57
2,4-Dinitrotoluene
Concen: 4.682 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.36 min
Lab File: BG041123.D
Acq: 8 Jun 2019 7:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 16583

Ion	Ratio	Lower	Upper
165	100		
63	2.0	38.1	57.1#
89	2.0	60.7	91.1#
182	0.0	2.4	3.6#

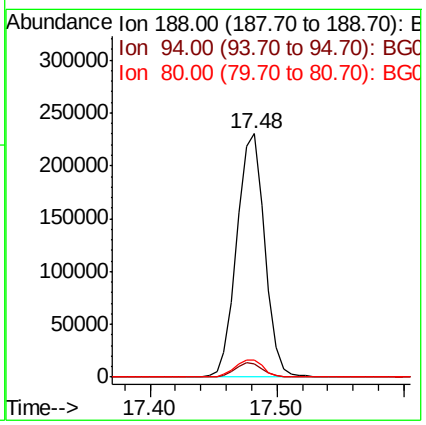


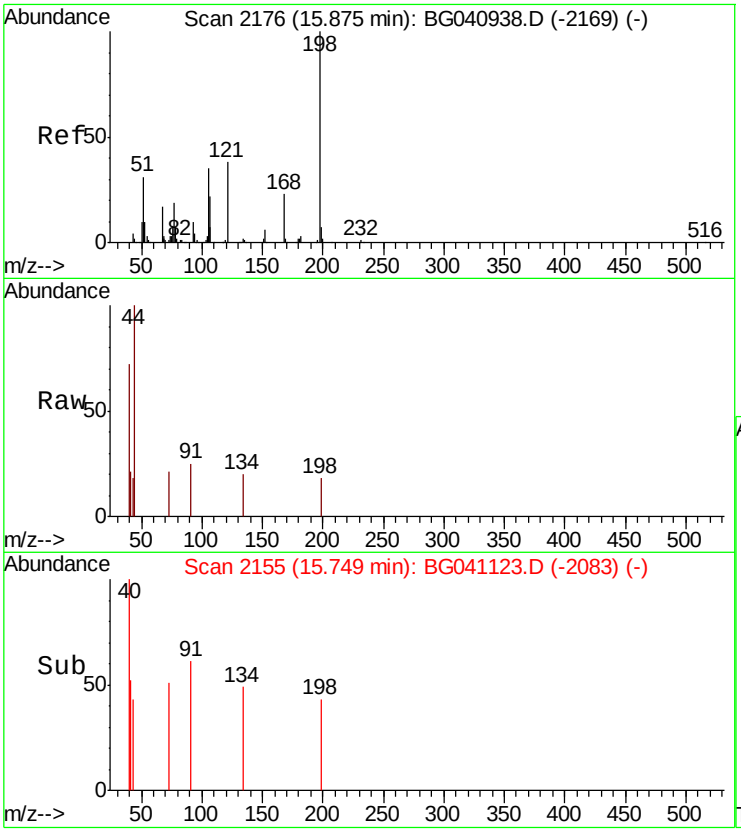


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG041123.D
Acq: 8 Jun 2019 7:17

Tgt Ion:188 Resp: 350790

Ion	Ratio	Lower	Upper
188	100		
94	5.3	4.6	7.0
80	6.8	5.8	8.8



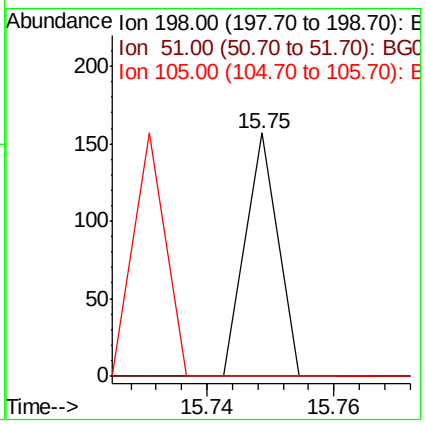


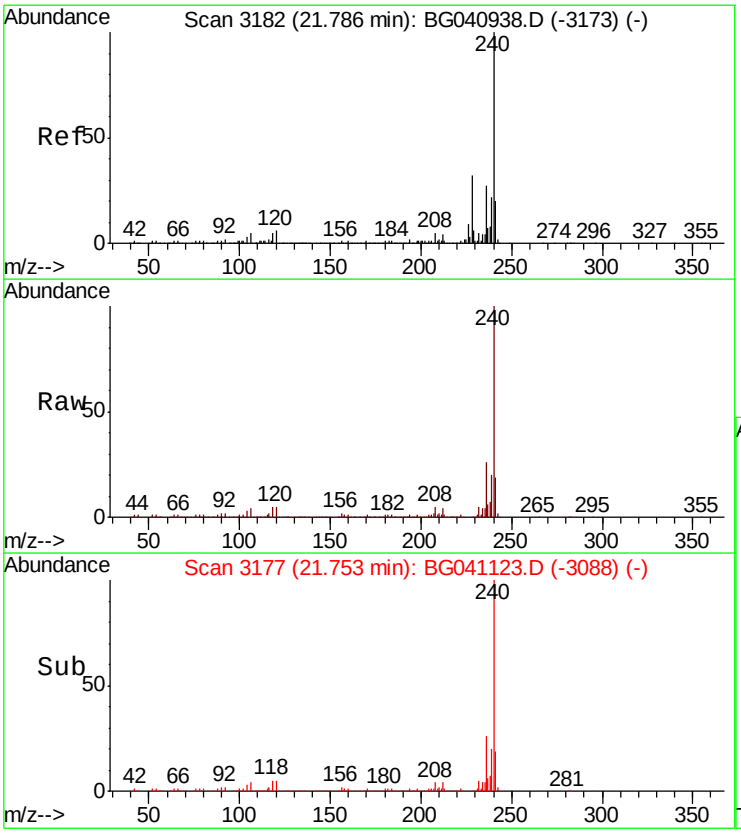
#65
4,6-Dinitro-2-methylphenol
Concen: 8.614 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.11 min
Lab File: BG041123.D
Acq: 8 Jun 2019 7:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 55

Ion	Ratio	Lower	Upper
198	100		
51	0.0	22.9	62.9#
105	0.0	19.1	59.1#

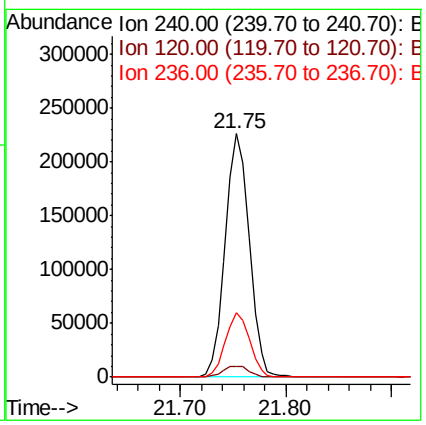


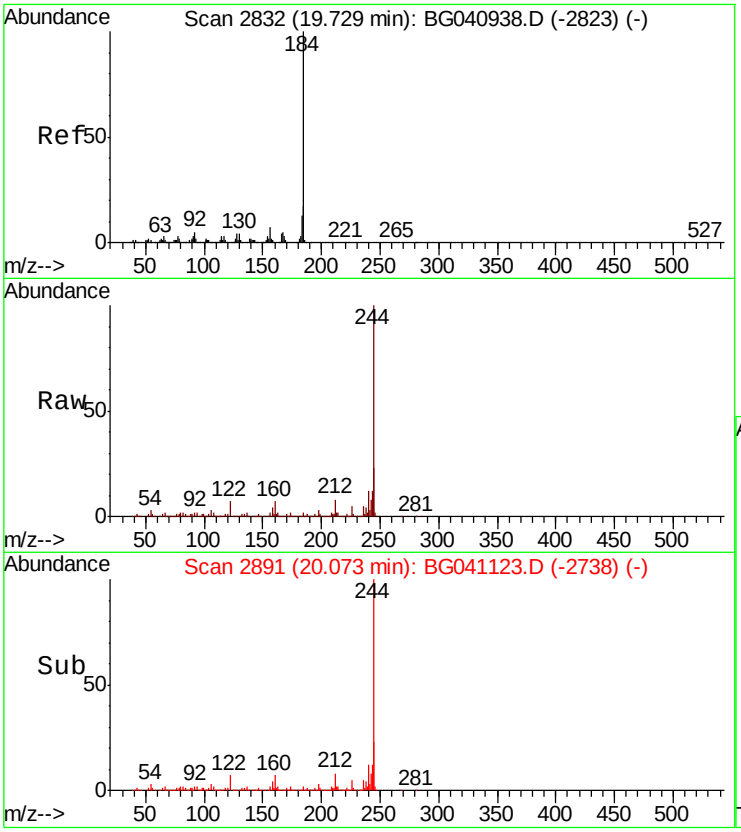


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG041123.D
Acq: 8 Jun 2019 7:17

Tgt Ion:240 Resp: 356671

Ion	Ratio	Lower	Upper
240	100		
120	4.6	4.6	6.8
236	26.4	20.6	31.0



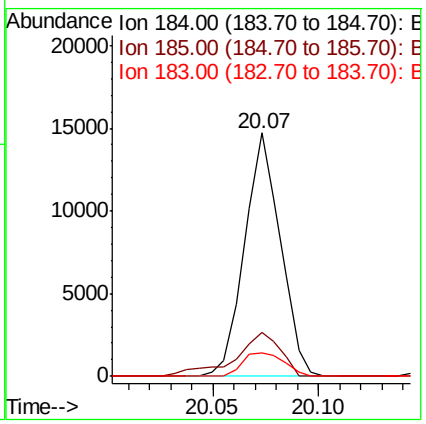


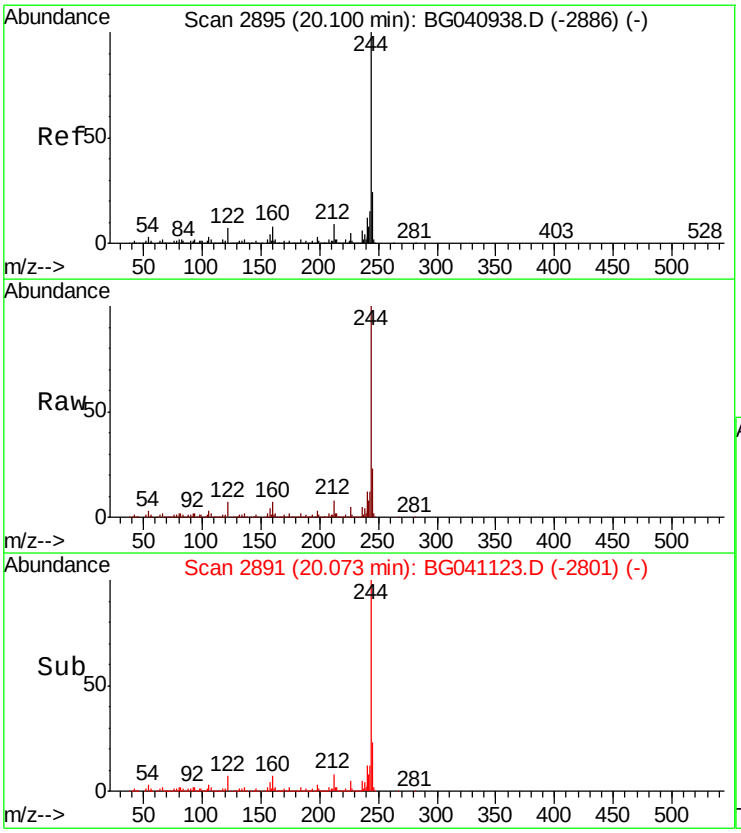
#77
Benzidine
Concen: 2.032 ng
RT: 20.07 min Scan# 2891
Delta R.T. 0.37 min
Lab File: BG041123.D
Acq: 8 Jun 2019 7:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 17287

Ion	Ratio	Lower	Upper
184	100		
185	18.3	12.6	18.8
183	9.8	10.2	15.4#

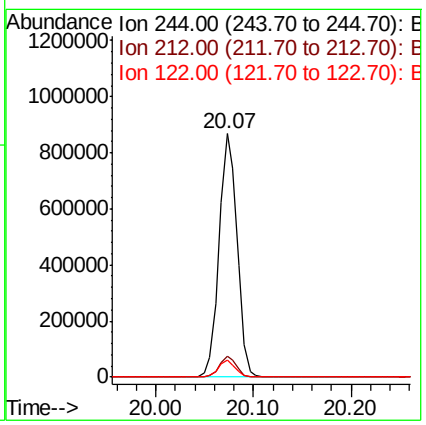


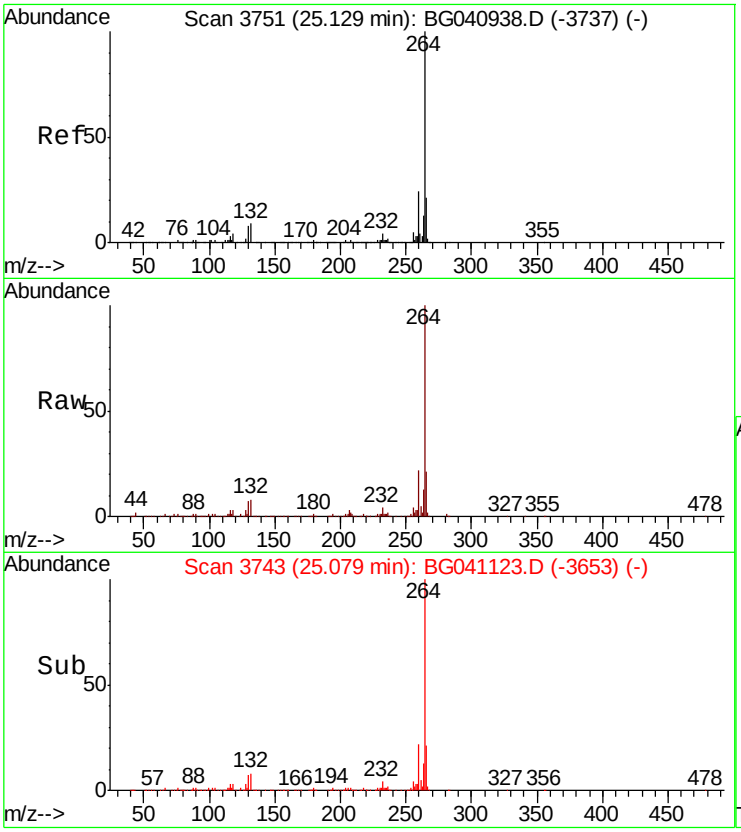


#79
Terphenyl-d14
Concen: 65.653 ng
RT: 20.07 min Scan# 2891
Delta R.T. -0.00 min
Lab File: BG041123.D
Acq: 8 Jun 2019 7:17

Tgt Ion:244 Resp: 1103338

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	6.9	5.4	8.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3743
Delta R.T. -0.00 min
Lab File: BG041123.D
Acq: 8 Jun 2019 7:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 372916

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.1	28.7
265	21.0	17.6	26.4