Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040904.D
Acq On : 12 May 2019 11:38
Operator : HP/JU
Sample : K2768-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P026-SS015-1824-01

Quant Time: May 13 03:53:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	50157	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	214227	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	158912	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	405823	20.00	ng	-0.03
76) Chrysene-d12	21.78	240	411402	20.00	ng	-0.04
87) Perylene-d12	25.14	264	437682	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	333689	117.27	ng	-0.02
7) Phenol-d6	7.27	99	502024	114.59	ng	-0.02
23) Nitrobenzene-d5	9.31	82	349100	75.30	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	262739	120.29	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	712753	64.78	ng	-0.03
79) Terphenyl-d14	20.10	244	1212900	65.32	ng	-0.04
Target Compounds						Qvalue
9) Benzaldehyde	7.27	77	1099	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.31	70	50175	12.723	ng #	66
50) Dimethylphthalate	14.20	163	128746	9.683	ng	96
54) 2,4-Dinitrophenol	15.20	184	54	7.048	ng #	21
57) 2,4-Dinitrotoluene	14.76	165	20967	5.946	ng #	15
65) 4,6-Dinitro-2-methylphenol	16.25	198	1037	7.543	ng #	81
67) 4-Bromophenyl-phenylether	16.25	248	20177	3.991	ng #	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
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P026-SS015-1824-01

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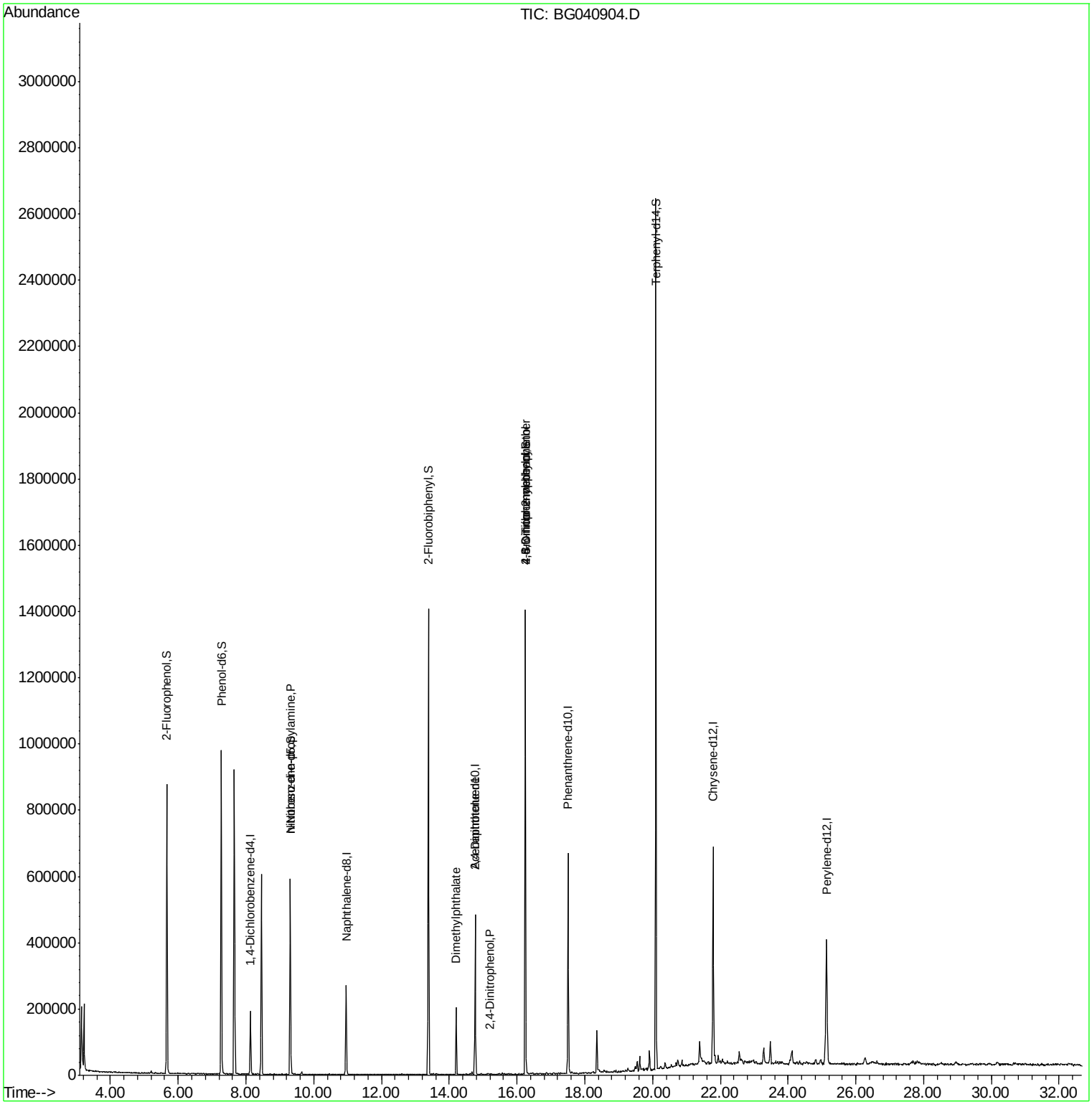
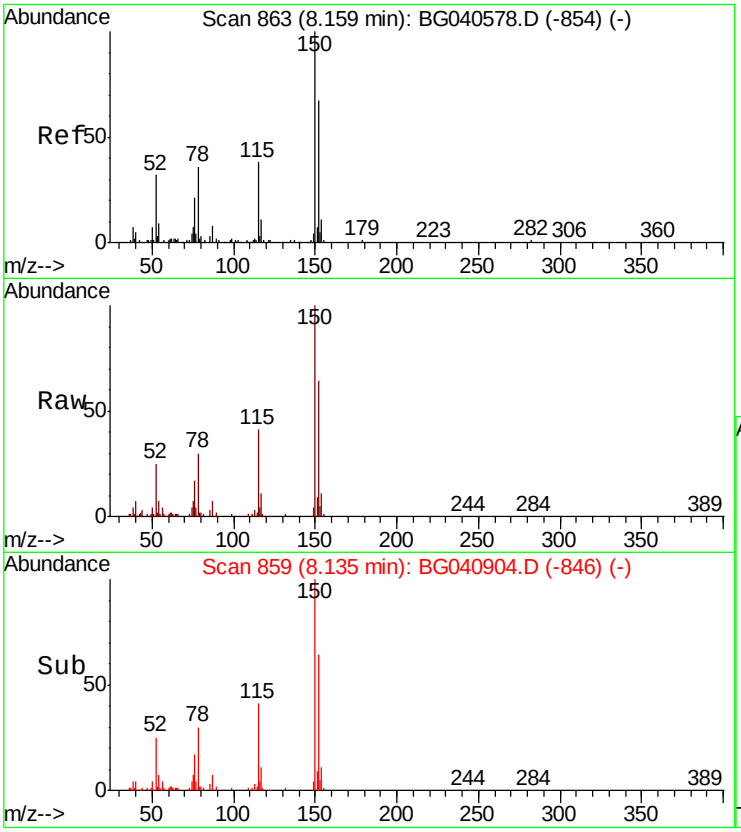


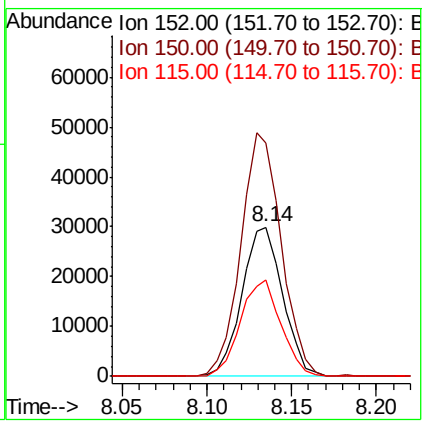


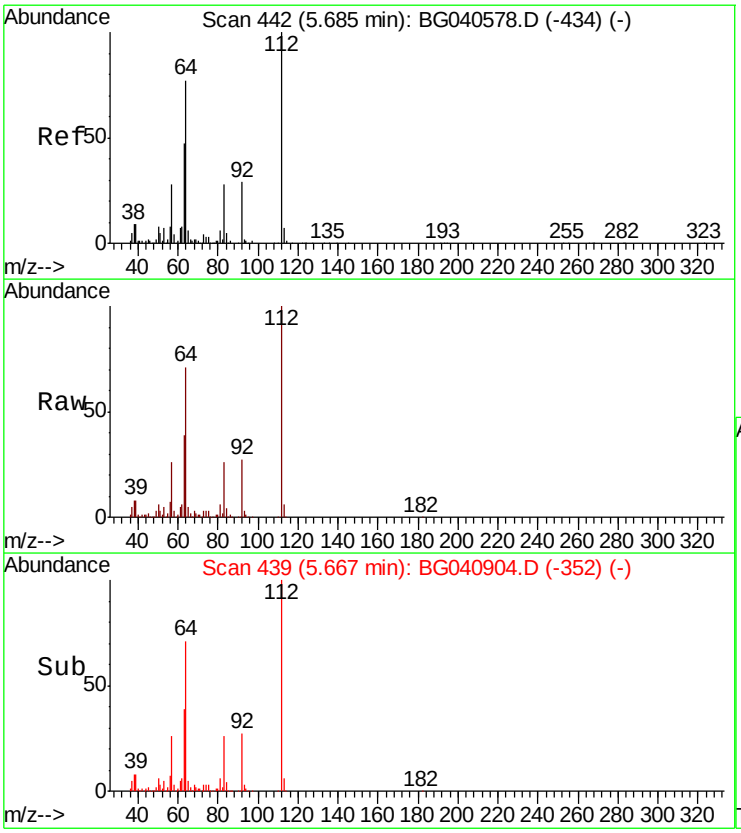
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BG040904.D
Acq: 12 May 2019 11:38

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-01

Tgt Ion:152 Resp: 50157

Ion	Ratio	Lower	Upper
152	100		
150	156.7	120.2	180.2
115	64.3	46.2	69.2

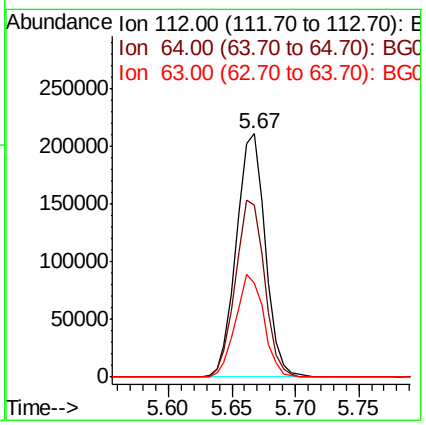


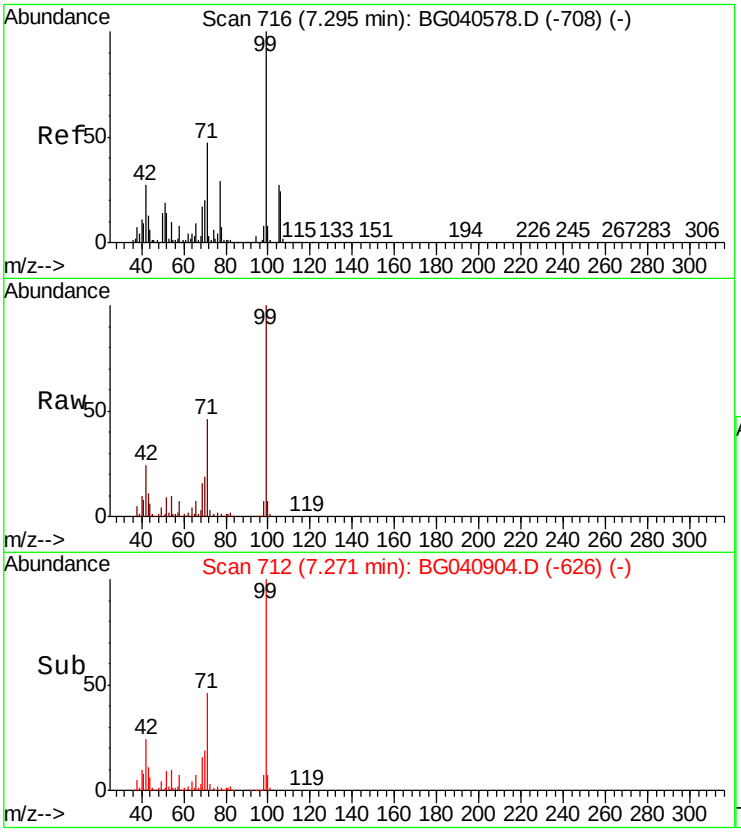


#5
2-Fluorophenol
Concen: 117.275 ng
RT: 5.67 min Scan# 439
Delta R.T. -0.02 min
Lab File: BG040904.D
Acq: 12 May 2019 11:38

Tgt Ion:112 Resp: 333689

Ion	Ratio	Lower	Upper
112	100		
64	70.8	61.4	92.0
63	38.6	37.8	56.6



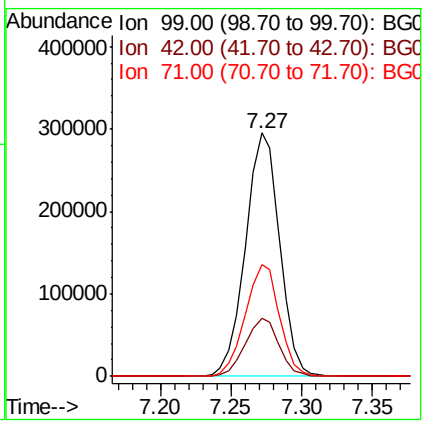


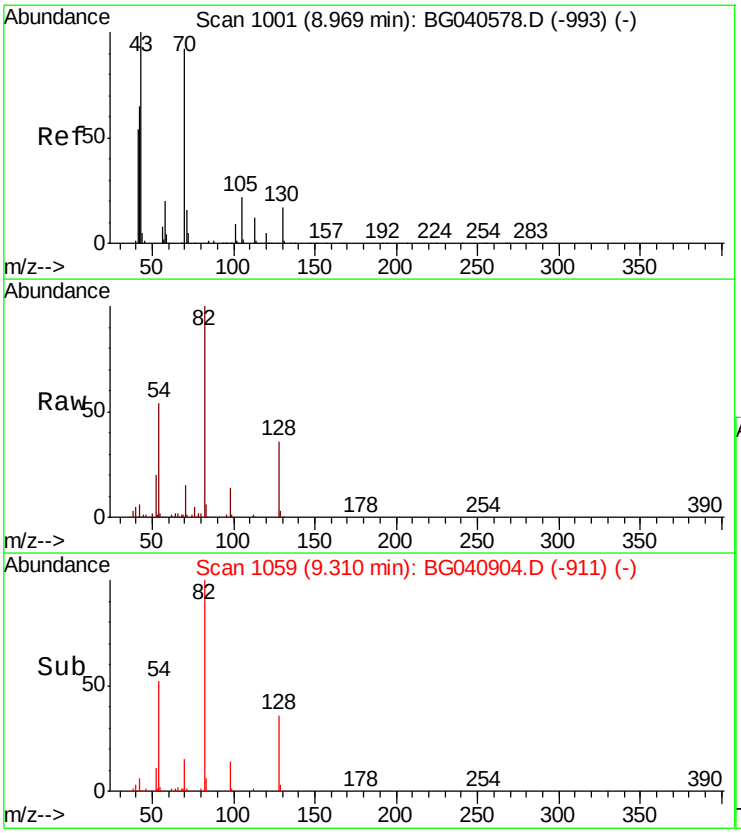
#7
Phenol-d6
Concen: 114.590 ng
RT: 7.27 min Scan# 712
Delta R.T. -0.02 min
Lab File: BG040904.D
Acq: 12 May 2019 11:38

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-01

Tgt Ion: 99 Resp: 502024

Ion	Ratio	Lower	Upper
99	100		
42	23.7	21.8	32.8
71	46.1	38.6	57.8

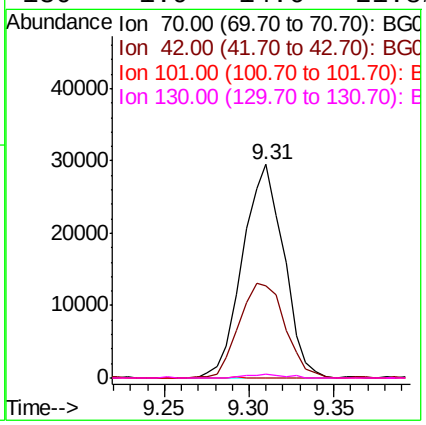


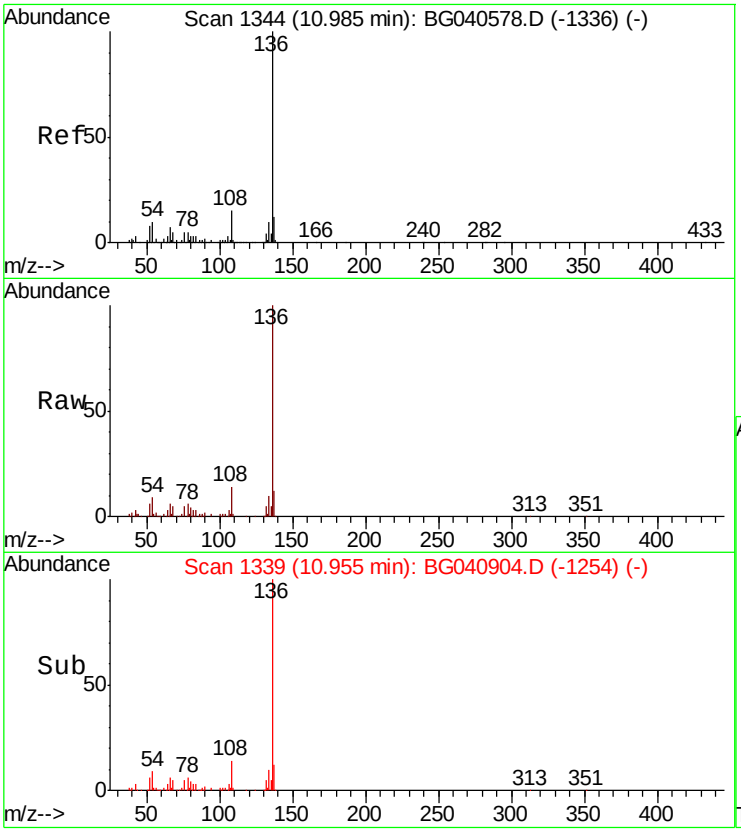


#19
n-Nitroso-di-n-propylamine
Concen: 12.723 ng
RT: 9.31 min Scan# 1059
Delta R.T. 0.34 min
Lab File: BG040904.D
Acq: 12 May 2019 11:38

Tgt Ion: 70 Resp: 50175

Ion	Ratio	Lower	Upper
70	100		
42	43.2	57.1	85.7#
101	0.0	7.8	11.8#
130	1.9	14.6	21.8#



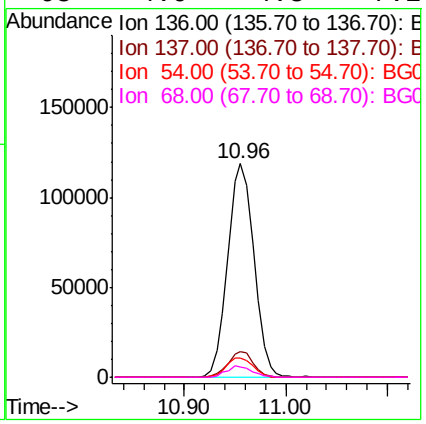


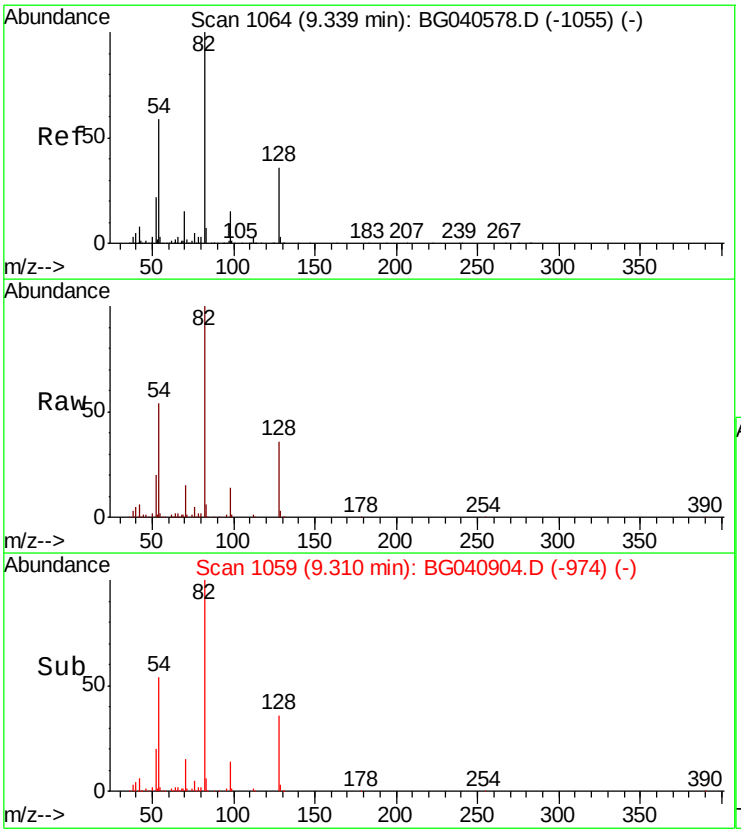
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040904.D
Acq: 12 May 2019 11:38

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-01

Tgt Ion:136 Resp: 214227

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.7	14.5
54	8.8	8.6	12.8
68	4.9	4.8	7.2

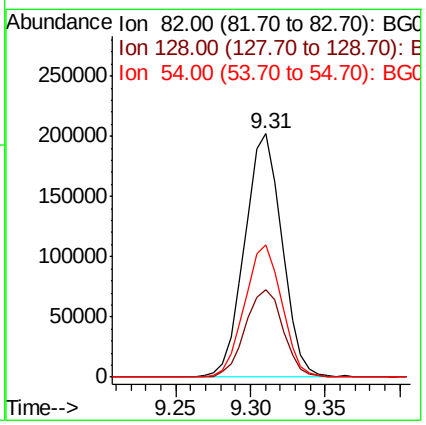


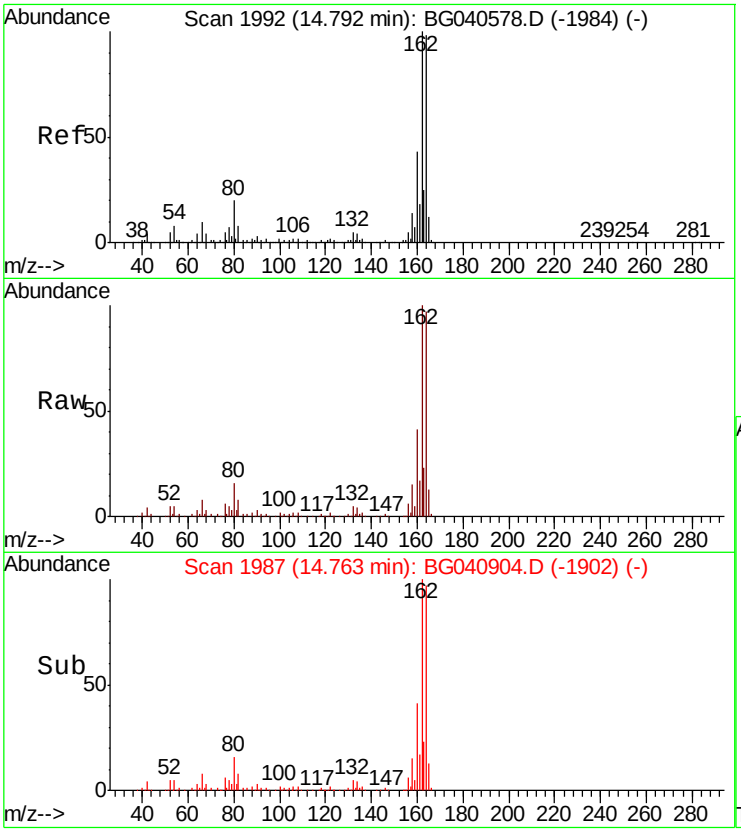


#23
Nitrobenzene-d5
Concen: 75.297 ng
RT: 9.31 min Scan# 1059
Delta R.T. -0.03 min
Lab File: BG040904.D
Acq: 12 May 2019 11:38

Tgt Ion: 82 Resp: 349100

Ion	Ratio	Lower	Upper
82	100		
128	35.8	28.9	43.3
54	54.2	47.2	70.8



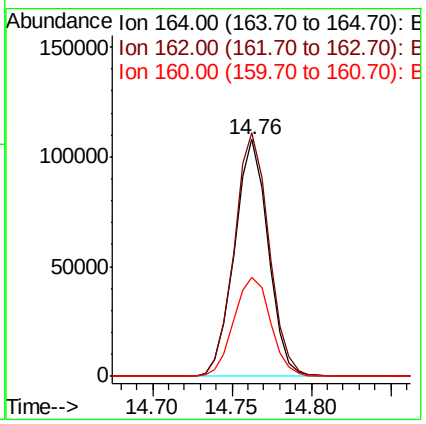


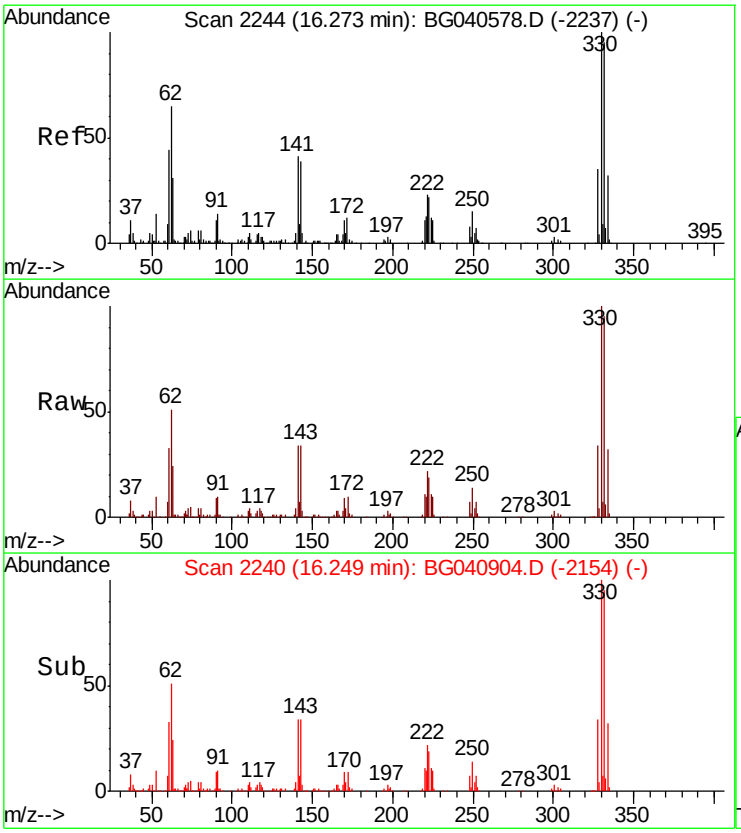
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.03 min
Lab File: BG040904.D
Acq: 12 May 2019 11:38

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-01

Tgt Ion:164 Resp: 158912

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.9	122.9
160	42.0	35.4	53.2

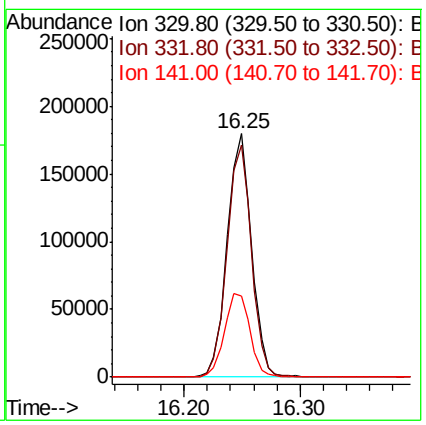


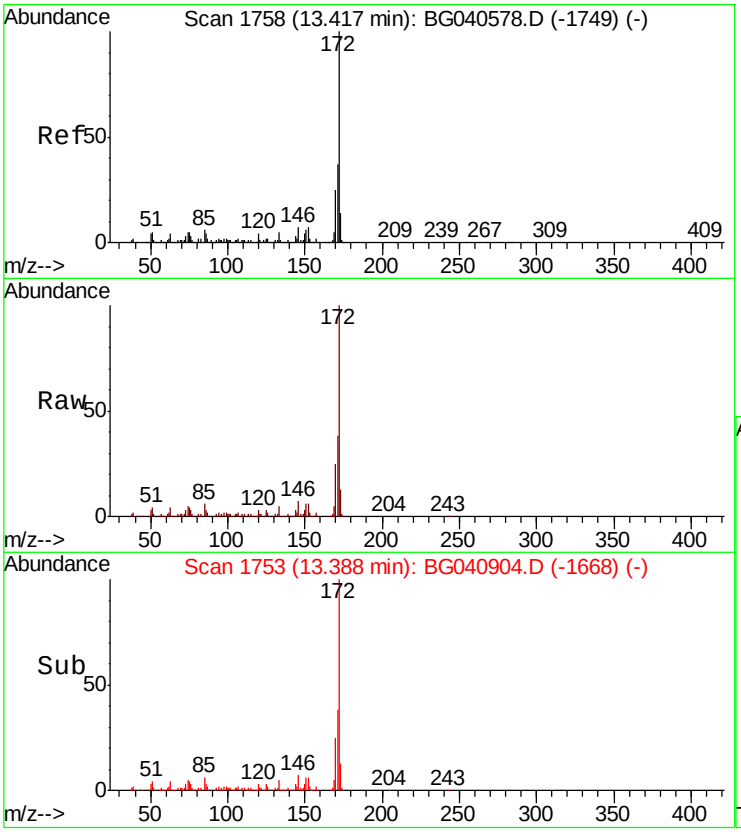


#42
2,4,6-Tribromophenol
Concen: 120.286 ng
RT: 16.25 min Scan# 2240
Delta R.T. -0.02 min
Lab File: BG040904.D
Acq: 12 May 2019 11:38

Tgt Ion:330 Resp: 262739

Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.9	113.9
141	35.9	32.4	48.6



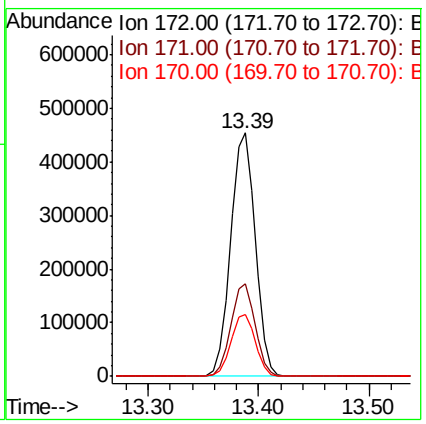


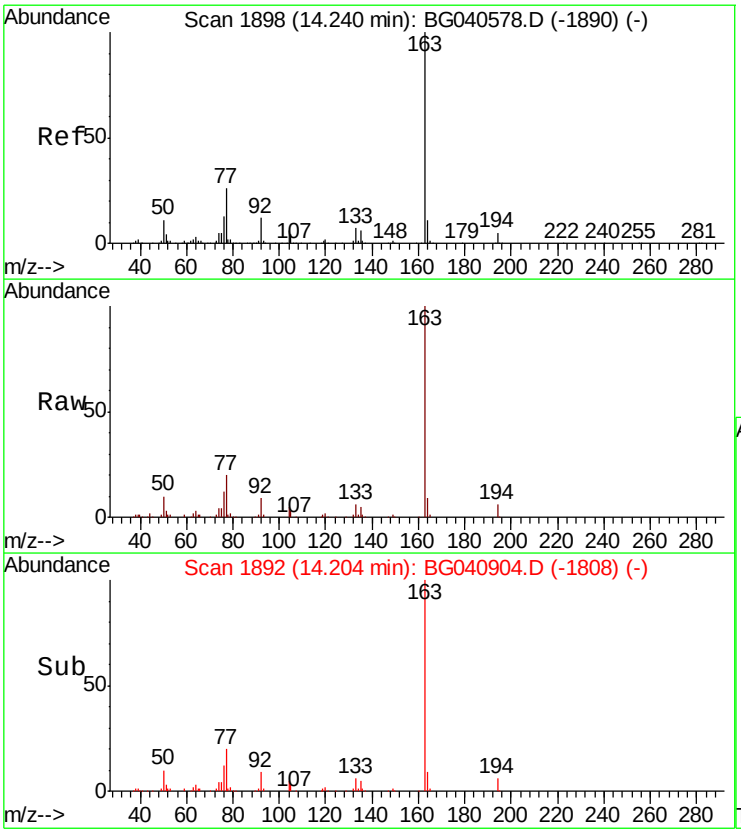
#45
2-Fluorobiphenyl
Concen: 64.775 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.03 min
Lab File: BG040904.D
Acq: 12 May 2019 11:38

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-01

Tgt Ion:172 Resp: 712753

Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.4	44.2
170	25.4	19.9	29.9

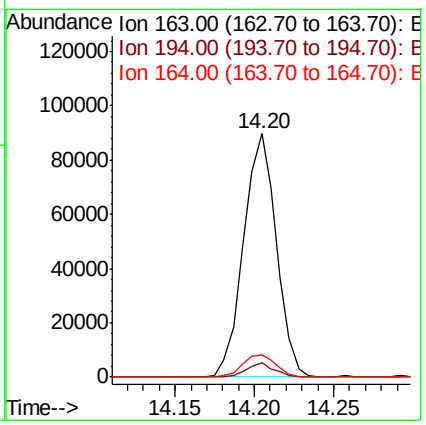


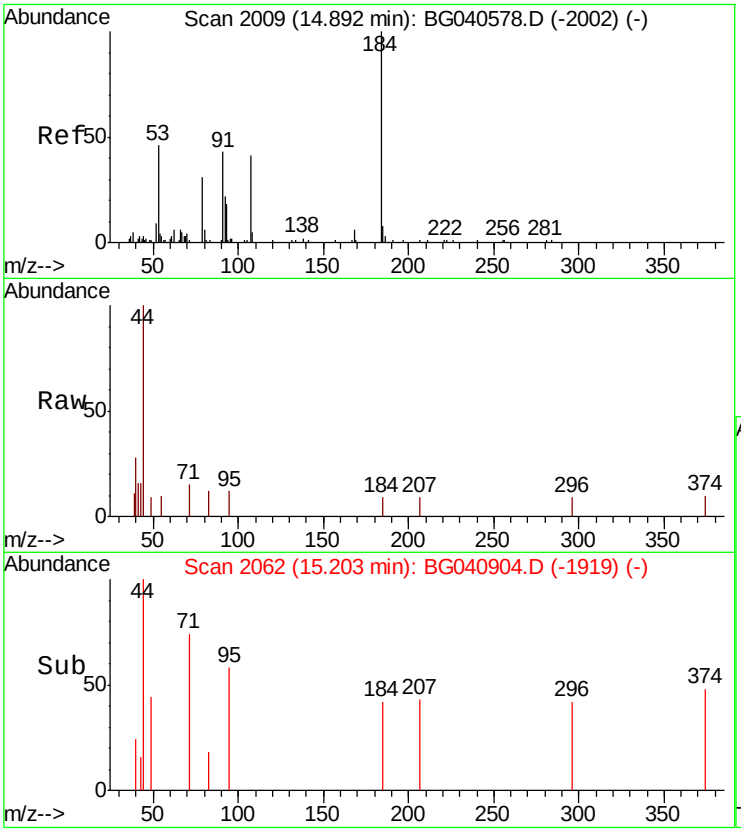


#50
Dimethylphthalate
Concen: 9.683 ng
RT: 14.20 min Scan# 1892
Delta R.T. -0.04 min
Lab File: BG040904.D
Acq: 12 May 2019 11:38

Tgt Ion:163 Resp: 128746

Ion	Ratio	Lower	Upper
163	100		
194	5.8	3.8	5.8
164	9.2	8.8	13.2



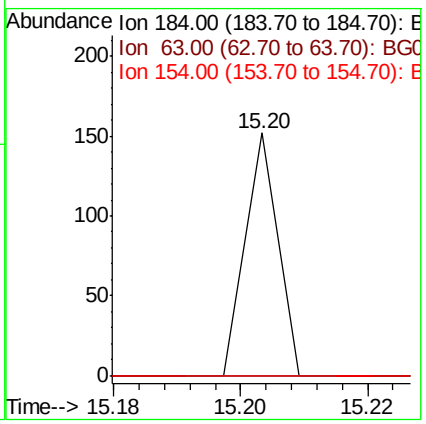


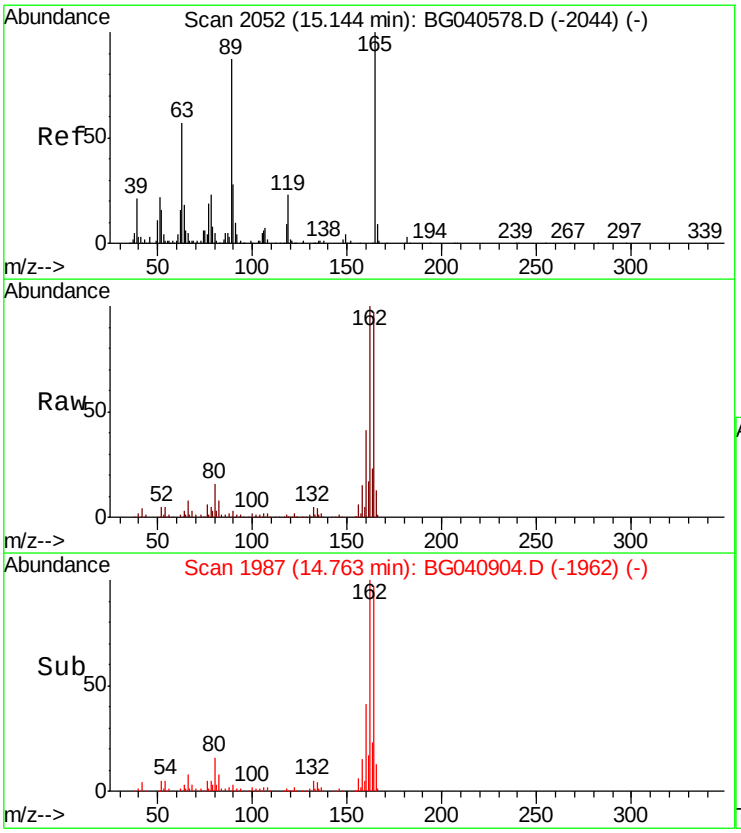
#54
2,4-Dinitrophenol
Concen: 7.048 ng
RT: 15.20 min Scan# 2062
Delta R.T. 0.31 min
Lab File: BG040904.D
Acq: 12 May 2019 11:38

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-01

Tgt Ion:184 Resp: 54

Ion	Ratio	Lower	Upper
184	100		
63	0.0	51.8	77.6#
154	0.0	43.6	65.4#

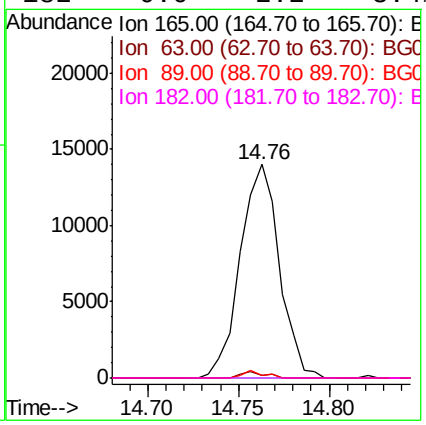


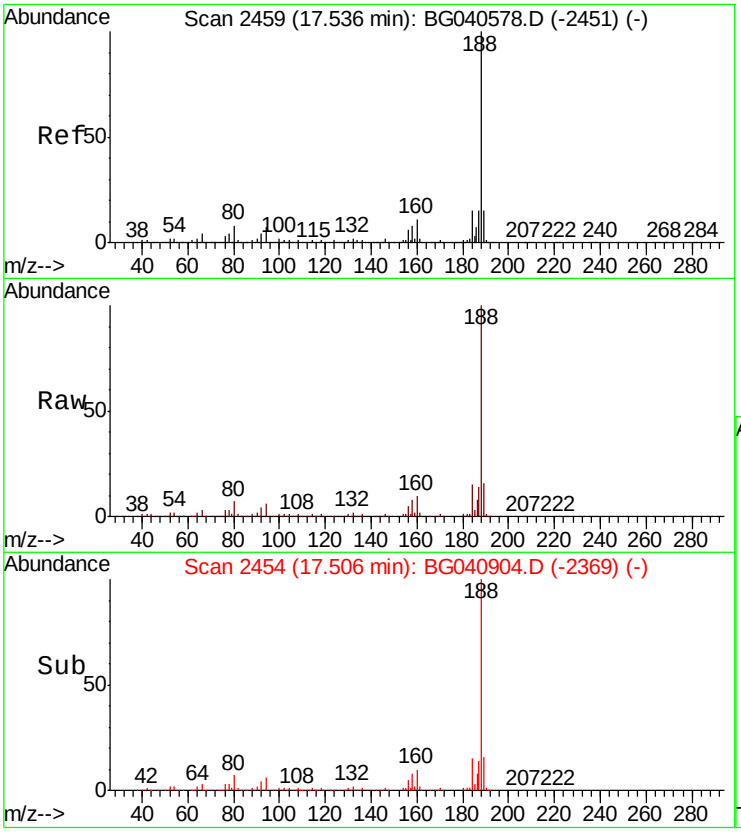


#57
2,4-Dinitrotoluene
Concen: 5.946 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.38 min
Lab File: BG040904.D
Acq: 12 May 2019 11:38

Tgt Ion:165 Resp: 20967

Ion	Ratio	Lower	Upper
165	100		
63	1.3	45.8	68.8#
89	1.1	69.4	104.2#
182	0.0	2.2	3.4#



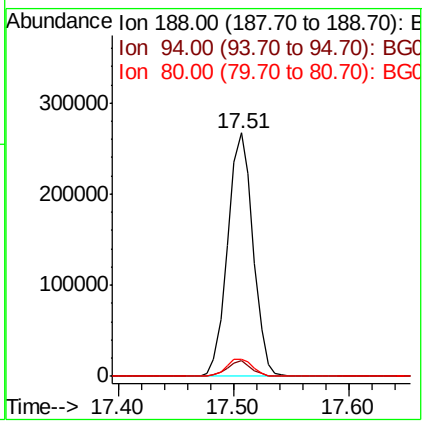


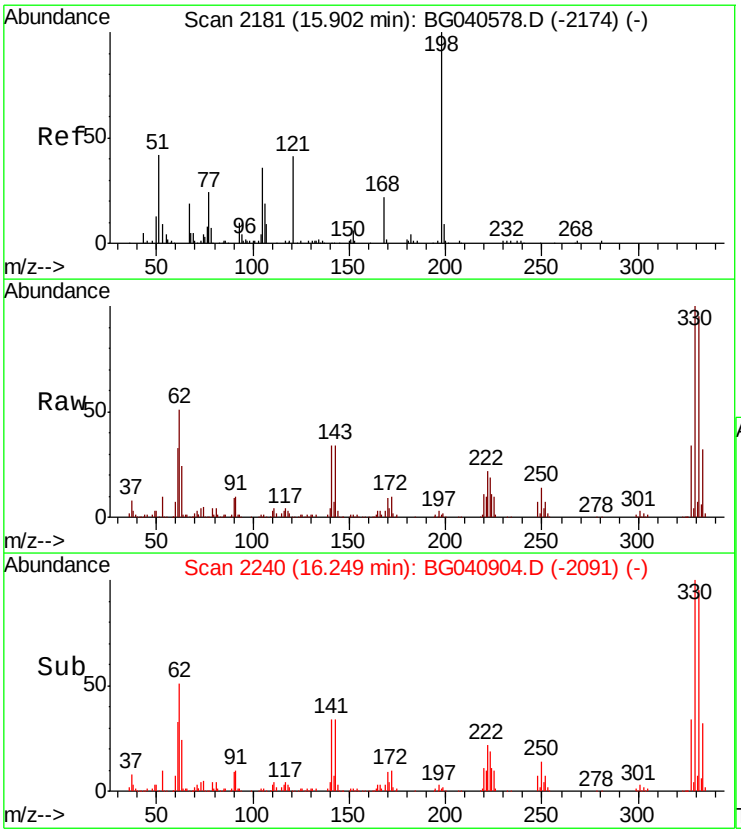
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.03 min
Lab File: BG040904.D
Acq: 12 May 2019 11:38

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-01

Tgt Ion:188 Resp: 405823

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.6	8.4
80	7.2	6.4	9.6

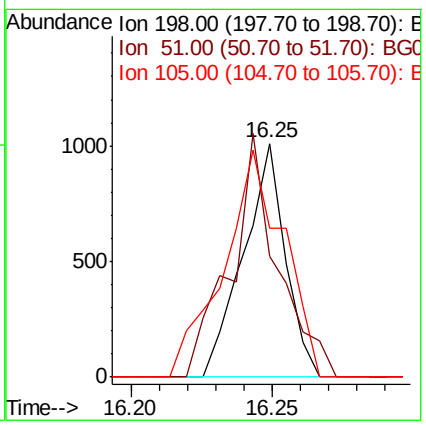


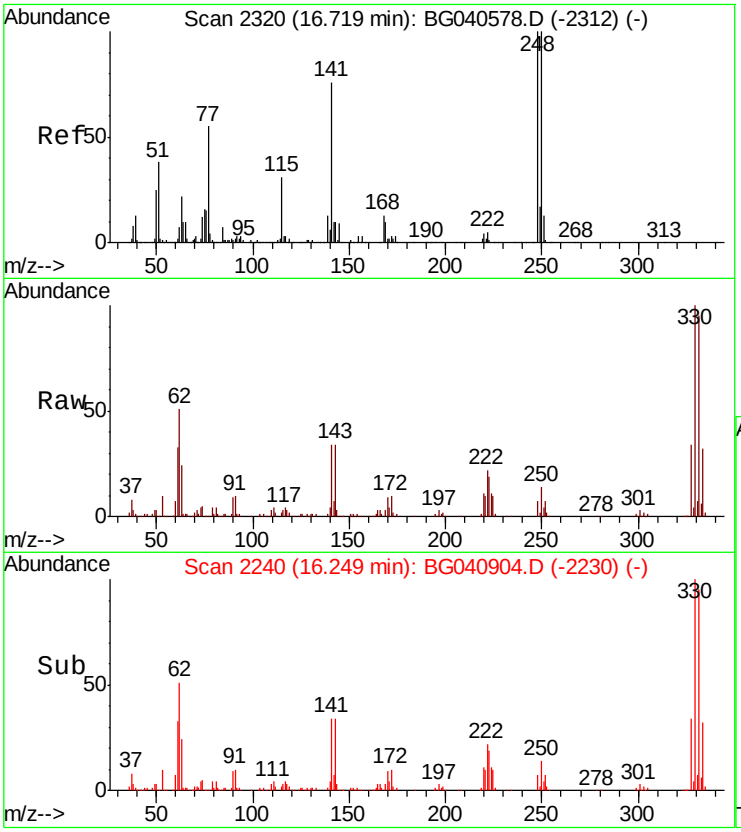


#65
4,6-Dinitro-2-methylphenol
Concen: 7.543 ng
RT: 16.25 min Scan# 2240
Delta R.T. 0.35 min
Lab File: BG040904.D
Acq: 12 May 2019 11:38

Tgt Ion:198 Resp: 1037

Ion	Ratio	Lower	Upper
198	100		
51	51.6	35.9	75.9
105	63.7	21.2	61.2#



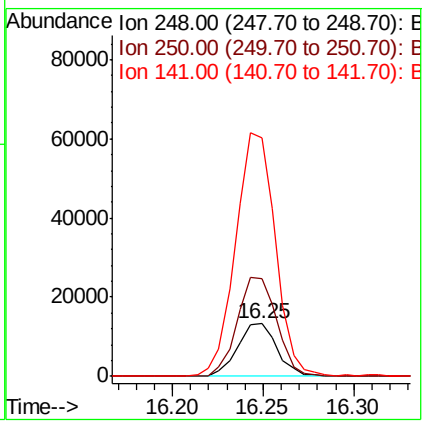


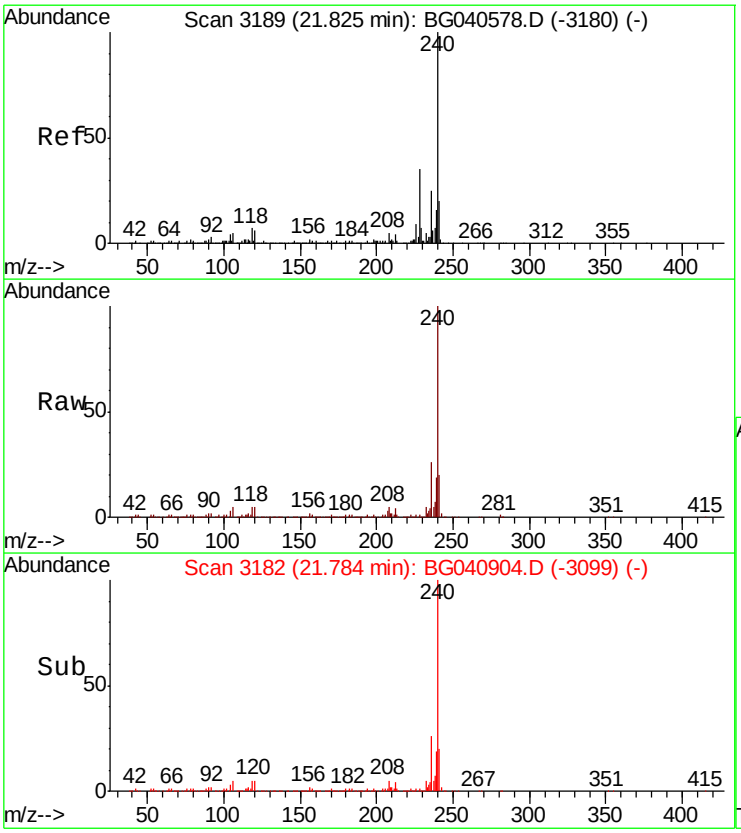
#67
4-Bromophenyl-phenylether
Concen: 3.991 ng
RT: 16.25 min Scan# 2240
Delta R.T. -0.47 min
Lab File: BG040904.D
Acq: 12 May 2019 11:38

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-01

Tgt Ion:248 Resp: 20177

Ion	Ratio	Lower	Upper
248	100		
250	187.5	79.8	119.6#
141	455.7	60.8	91.2#

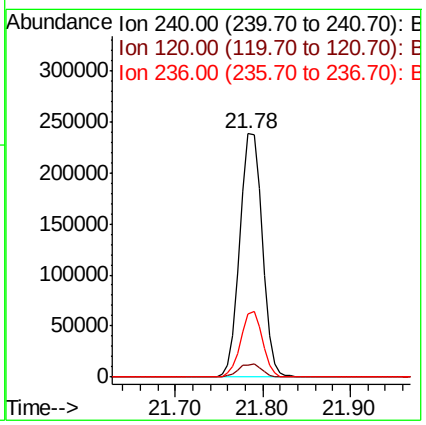


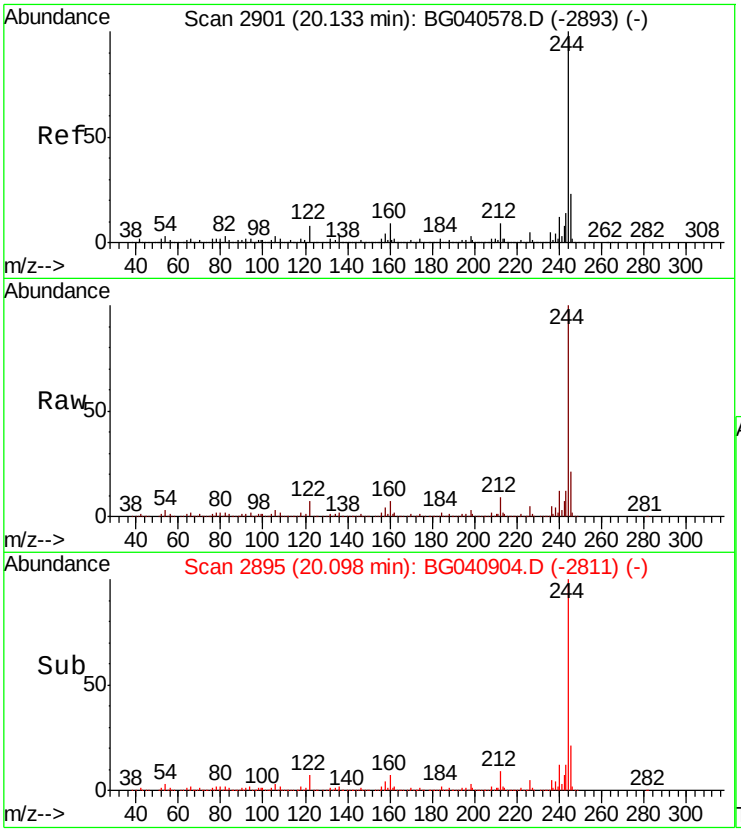


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3182
Delta R.T. -0.04 min
Lab File: BG040904.D
Acq: 12 May 2019 11:38

Tgt Ion:240 Resp: 411402

Ion	Ratio	Lower	Upper
240	100		
120	5.0	5.0	7.6#
236	26.2	20.3	30.5



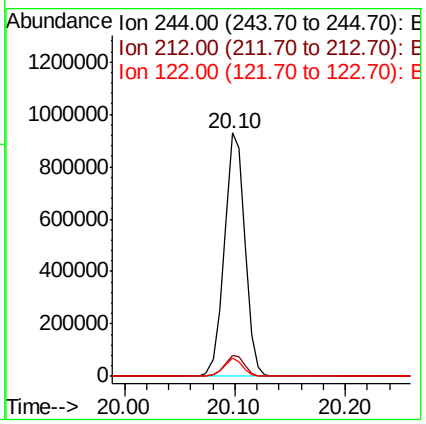


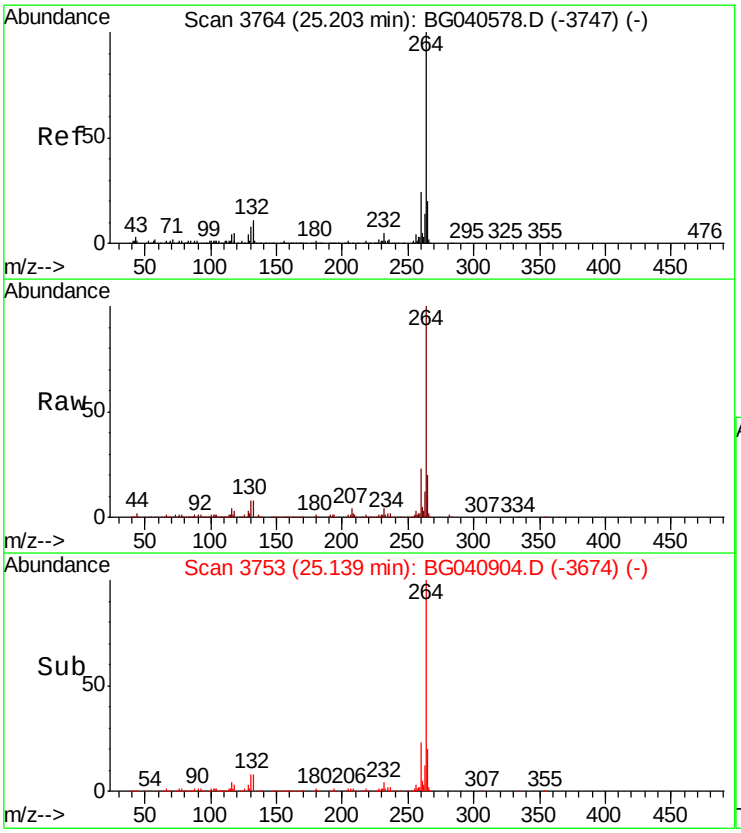
#79
Terphenyl-d14
Concen: 65.315 ng
RT: 20.10 min Scan# 2895
Delta R.T. -0.04 min
Lab File: BG040904.D
Acq: 12 May 2019 11:38

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-01

Tgt Ion:244 Resp: 1212900

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.2	10.8
122	7.5	6.6	10.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.14 min Scan# 3753
Delta R.T. -0.06 min
Lab File: BG040904.D
Acq: 12 May 2019 11:38

Tgt Ion:264 Resp: 437682

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	20.1	16.6	25.0