Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG050919\
Data File : BG040832.D
Acq On : 10 May 2019 1:27
Operator : HP/JU
Sample : K2764-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS008-0206-02

Quant Time: May 10 06:24:50 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	47723	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	203399	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	157145	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	401676	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	380329	20.00	ng	-0.03
87) Perylene-d12	25.15	264	388042	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	415611	153.52	ng	0.00
7) Phenol-d6	7.28	99	633726	152.03	ng	-0.02
23) Nitrobenzene-d5	9.32	82	441784	100.36	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	334601	154.91	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	843642	77.53	ng	-0.02
79) Terphenyl-d14	20.11	244	1436116	83.65	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	7.29	77	1550	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.32	70	63823	17.009	ng	# 79
50) Dimethylphthalate	14.21	163	188252	14.318	ng	# 95
57) 2,4-Dinitrotoluene	14.77	165	20885	5.990	ng	# 16
65) 4,6-Dinitro-2-methylphenol	16.26	198	1159	7.600	ng	# 1
67) 4-Bromophenyl-phenylether	16.26	248	24929	4.982	ng	# 1
77) Benzidine	20.11	184	25241	2.424	ng	# 94

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

Quantitation Report (Not Reviewed)

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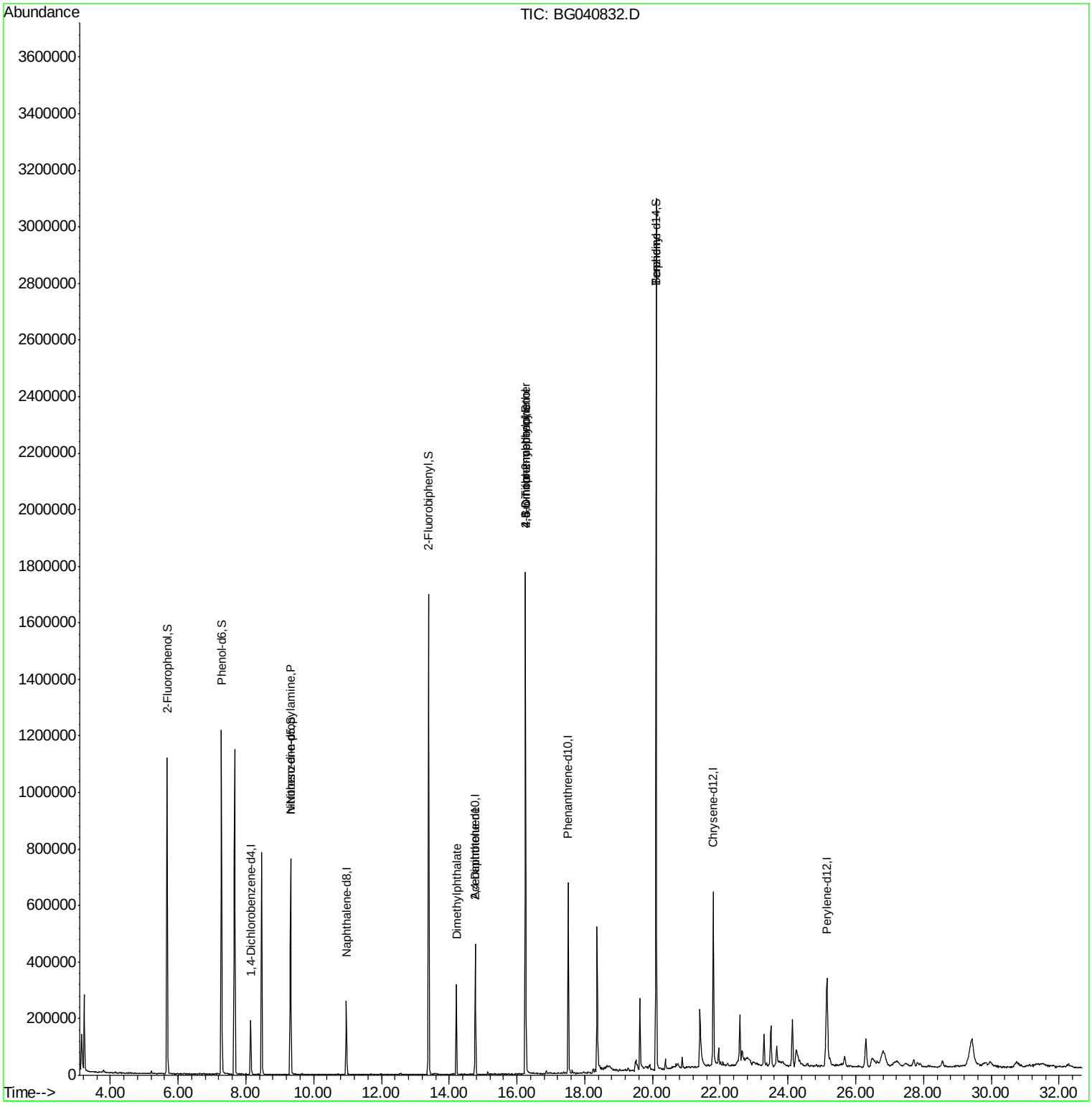
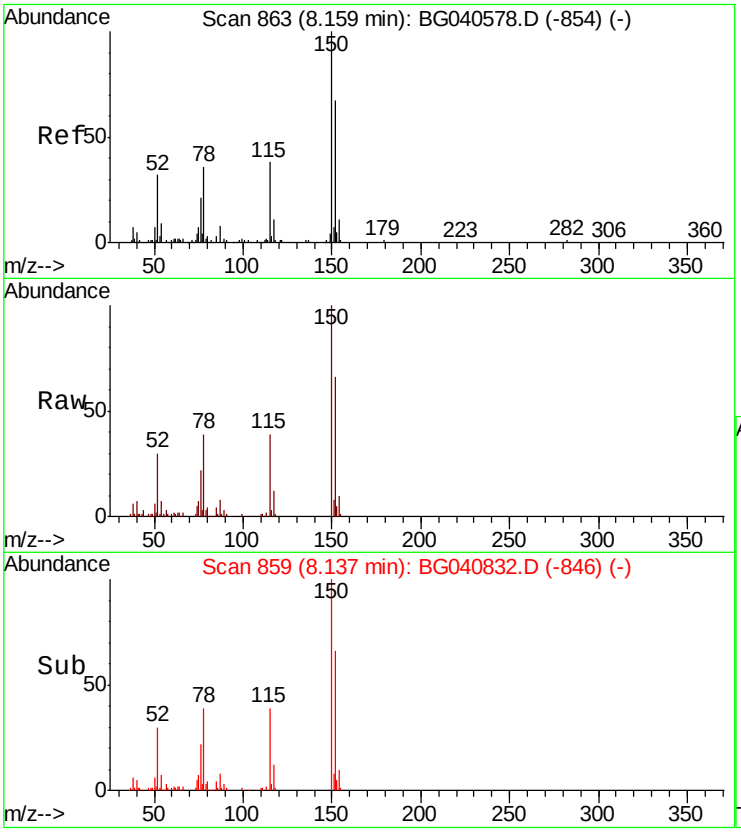


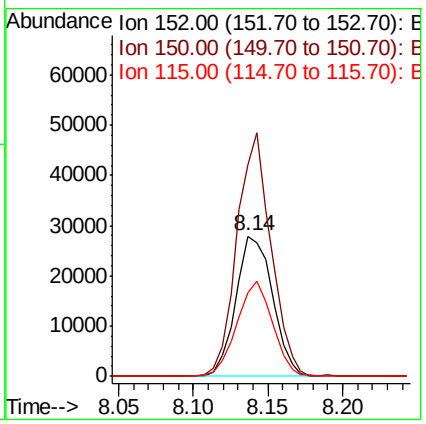


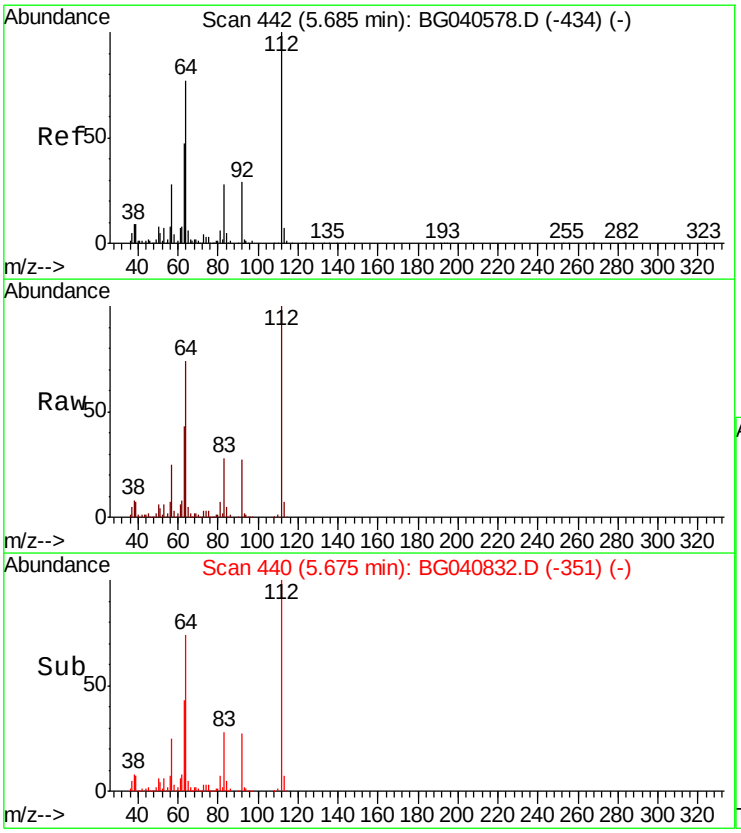
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BG040832.D
Acq: 10 May 2019 1:27

Instrument :
BNA_G
ClientSampleId :
P021-SS008-0206-02

Tgt Ion:152 Resp: 47723

Ion	Ratio	Lower	Upper
152	100		
150	150.7	120.2	180.2
115	59.3	46.2	69.2

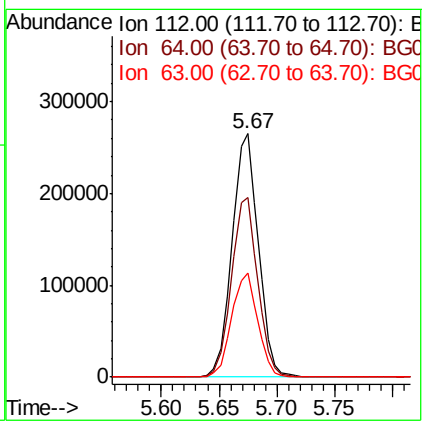


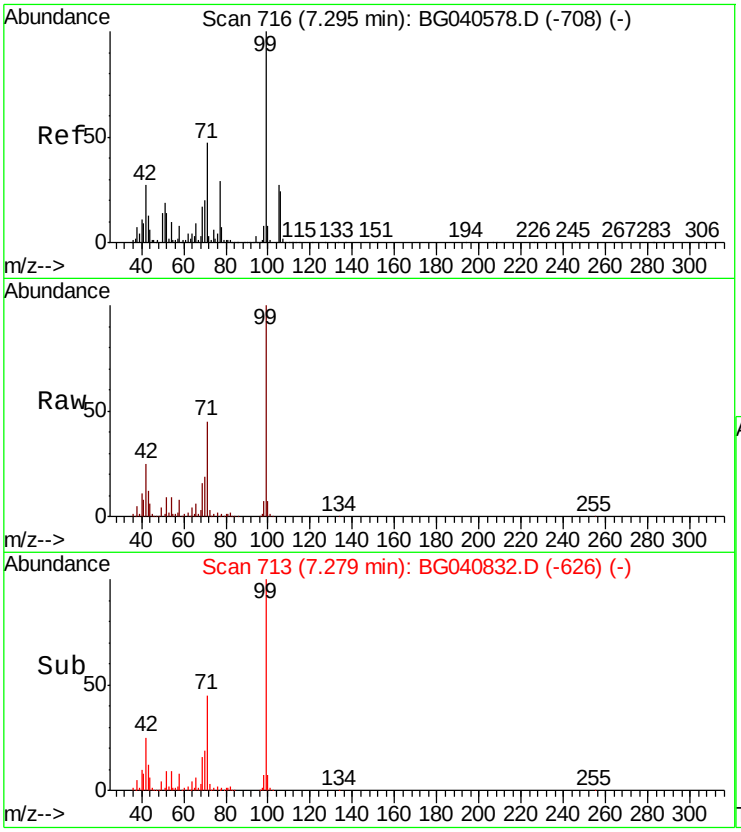


#5
2-Fluorophenol
Concen: 153.516 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040832.D
Acq: 10 May 2019 1:27

Tgt Ion:112 Resp: 415611

Ion	Ratio	Lower	Upper
112	100		
64	73.6	61.4	92.0
63	42.8	37.8	56.6



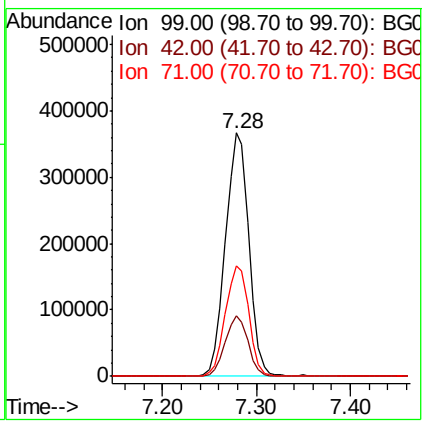


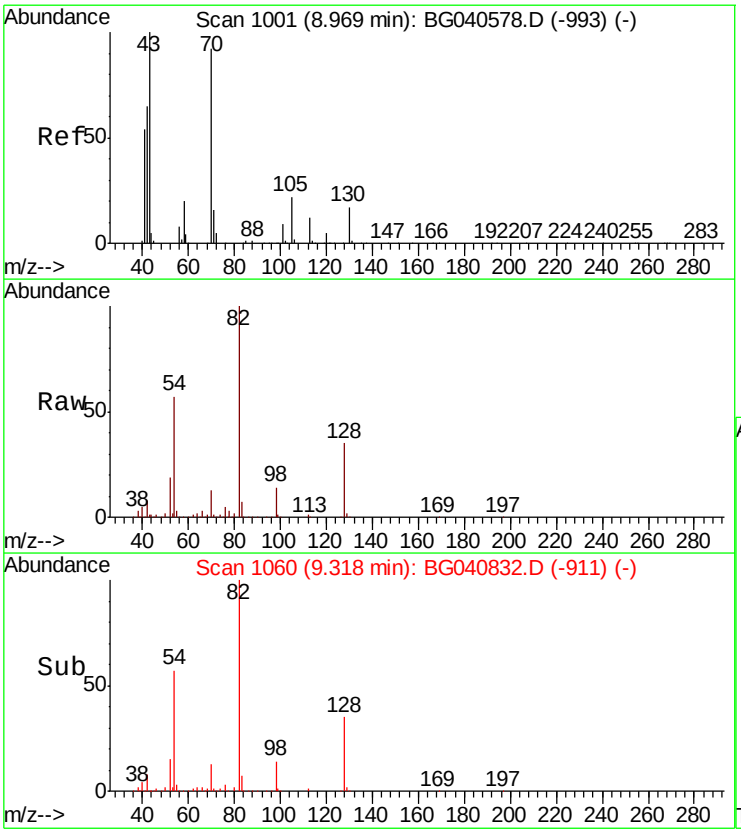
#7
Phenol-d6
Concen: 152.029 ng
RT: 7.28 min Scan# 713
Delta R.T. -0.02 min
Lab File: BG040832.D
Acq: 10 May 2019 1:27

Instrument :
BNA_G
ClientSampleId :
P021-SS008-0206-02

Tgt Ion: 99 Resp: 633726

Ion	Ratio	Lower	Upper
99	100		
42	25.1	21.8	32.8
71	45.4	38.6	57.8

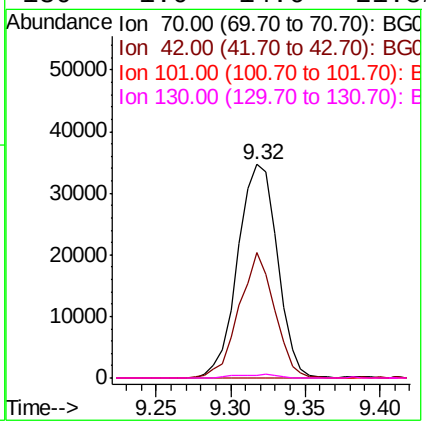


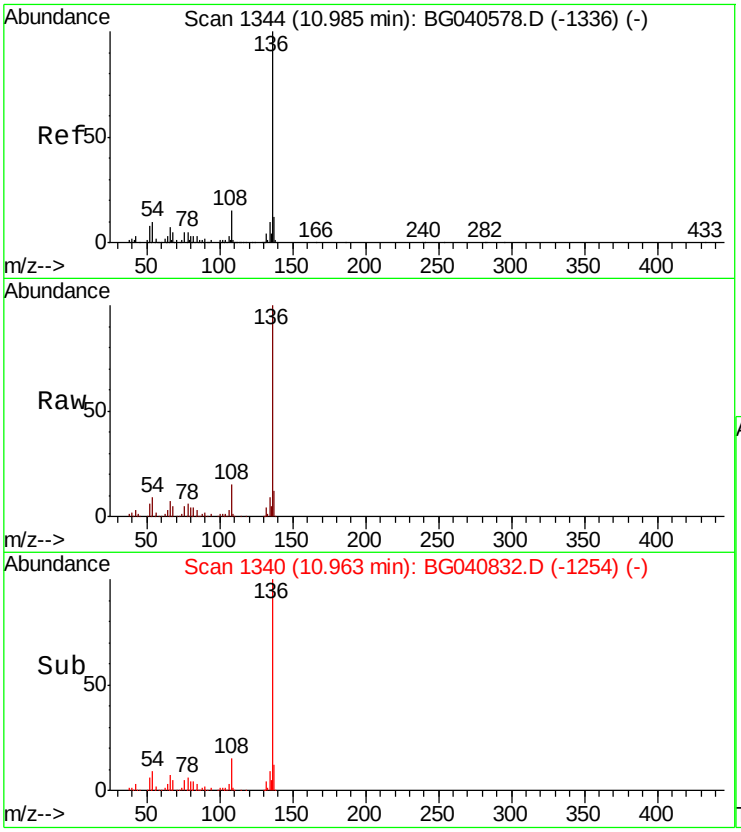


#19
n-Nitroso-di-n-propylamine
Concen: 17.009 ng
RT: 9.32 min Scan# 1060
Delta R.T. 0.35 min
Lab File: BG040832.D
Acq: 10 May 2019 1:27

Tgt Ion: 70 Resp: 63823

Ion	Ratio	Lower	Upper
70	100		
42	58.8	57.1	85.7
101	0.0	7.8	11.8#
130	1.0	14.6	21.8#



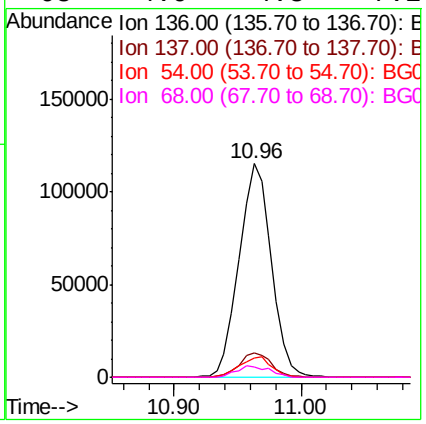


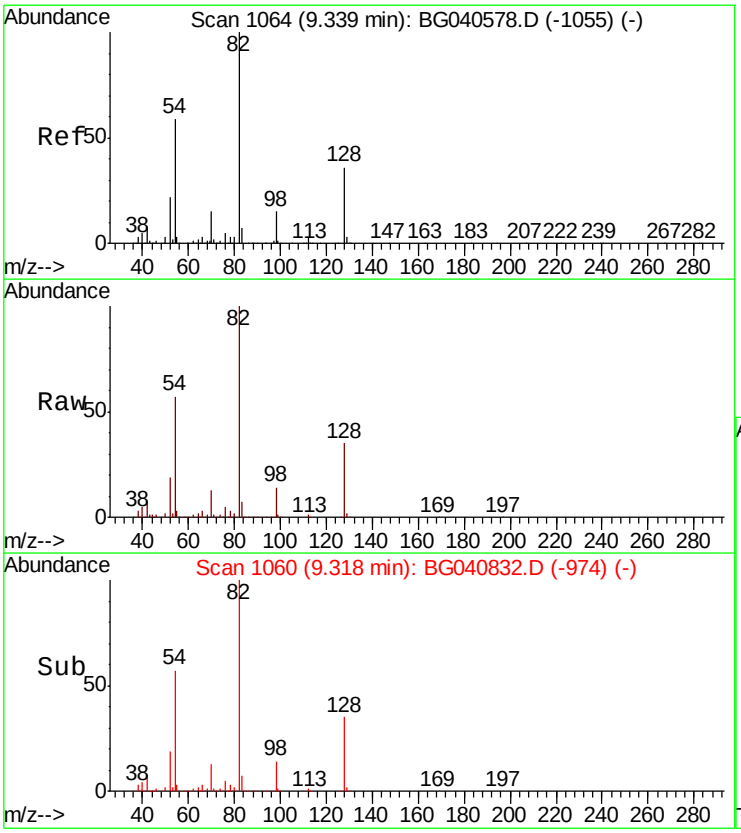
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BG040832.D
Acq: 10 May 2019 1:27

Instrument :
BNA_G
ClientSampleId :
P021-SS008-0206-02

Tgt Ion:136 Resp: 203399

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.7	14.5
54	9.1	8.6	12.8
68	4.9	4.8	7.2

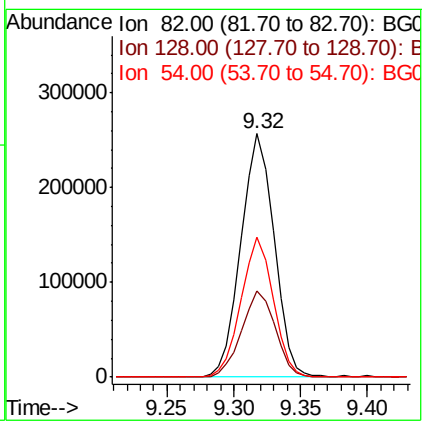


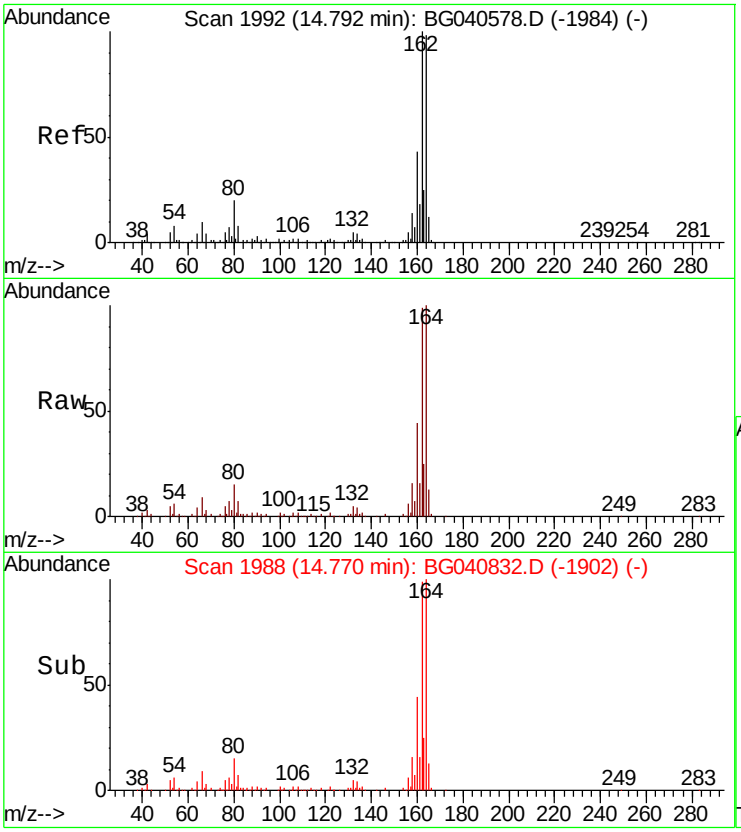


#23
Nitrobenzene-d5
Concen: 100.360 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BG040832.D
Acq: 10 May 2019 1:27

Tgt Ion: 82 Resp: 441784

Ion	Ratio	Lower	Upper
82	100		
128	35.4	28.9	43.3
54	57.4	47.2	70.8



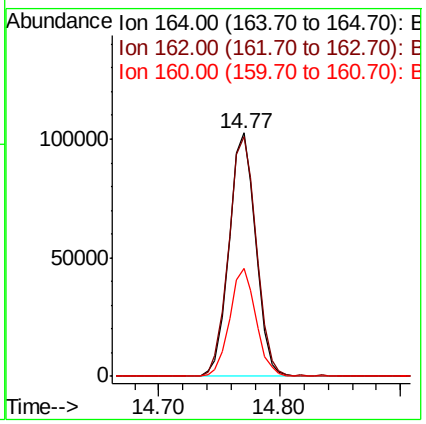


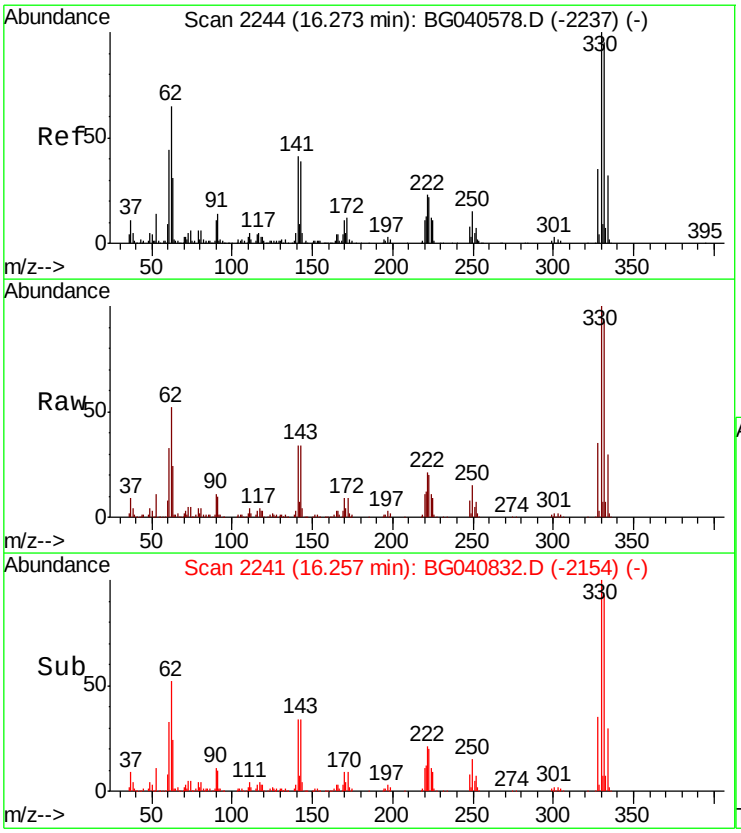
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040832.D
Acq: 10 May 2019 1:27

Instrument :
BNA_G
ClientSampleId :
P021-SS008-0206-02

Tgt Ion:164 Resp: 157145

Ion	Ratio	Lower	Upper
164	100		
162	98.7	81.9	122.9
160	44.1	35.4	53.2

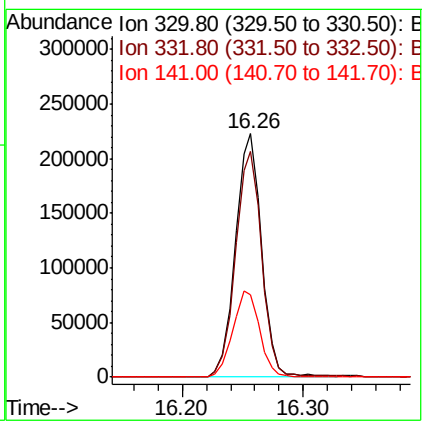


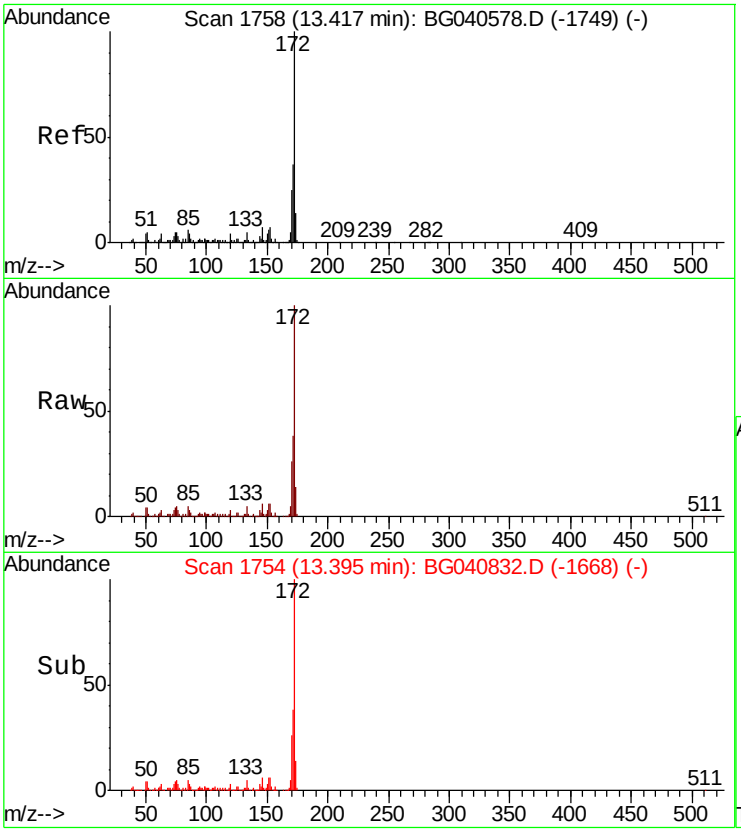


#42
2,4,6-Tribromophenol
Concen: 154.908 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BG040832.D
Acq: 10 May 2019 1:27

Tgt Ion:330 Resp: 334601

Ion	Ratio	Lower	Upper
330	100		
332	93.8	75.9	113.9
141	36.4	32.4	48.6



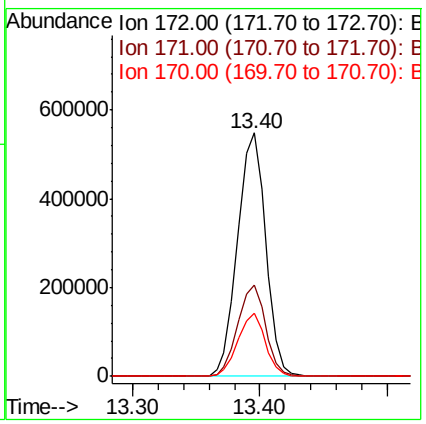


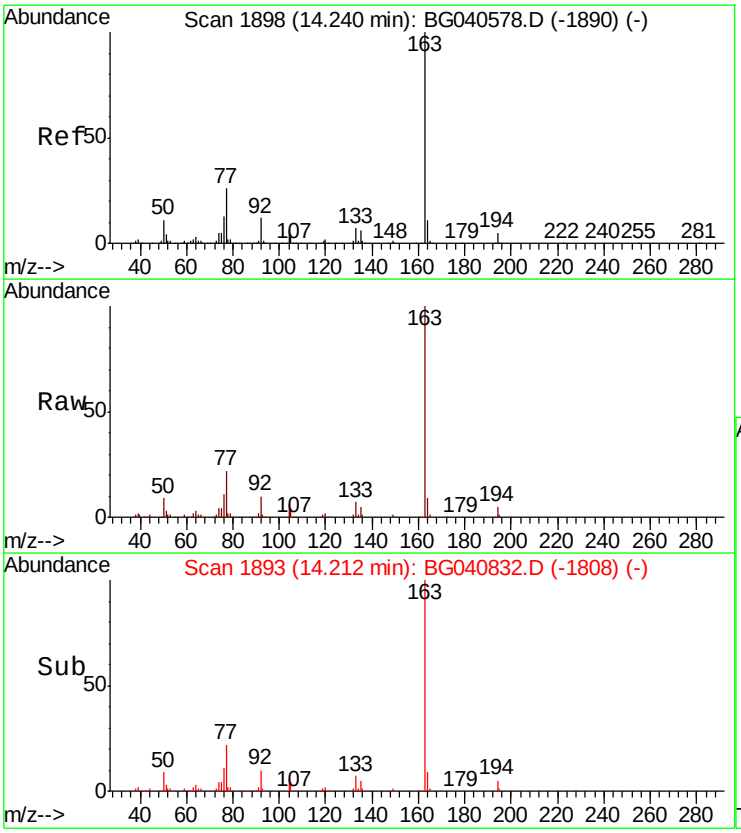
#45
2-Fluorobiphenyl
Concen: 77.533 ng
RT: 13.40 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040832.D
Acq: 10 May 2019 1:27

Instrument :
BNA_G
ClientSampleId :
P021-SS008-0206-02

Tgt Ion:172 Resp: 843642

Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.4	44.2
170	25.7	19.9	29.9

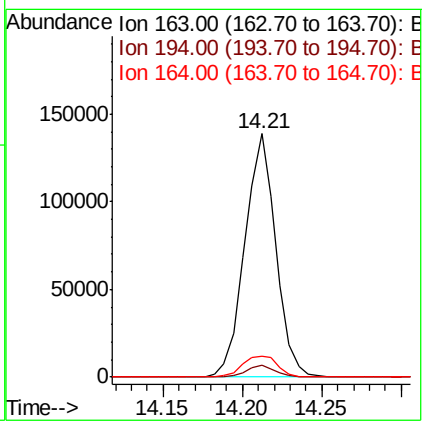


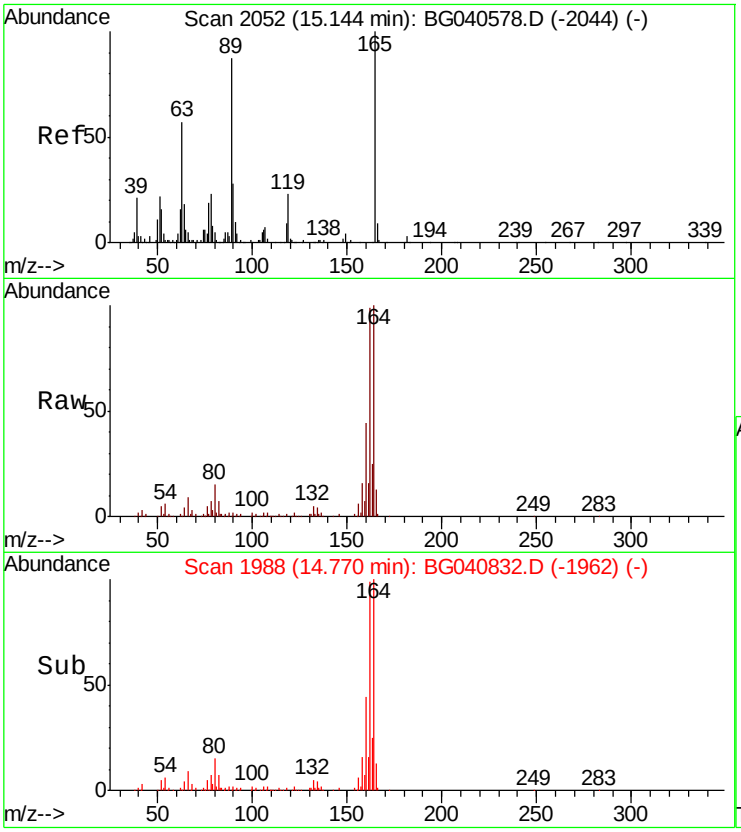


#50
Dimethylphthalate
Concen: 14.318 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.03 min
Lab File: BG040832.D
Acq: 10 May 2019 1:27

Tgt Ion:163 Resp: 188252

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.8	5.8
164	8.5	8.8	13.2#



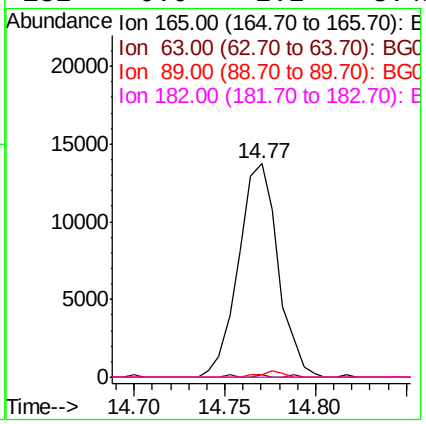


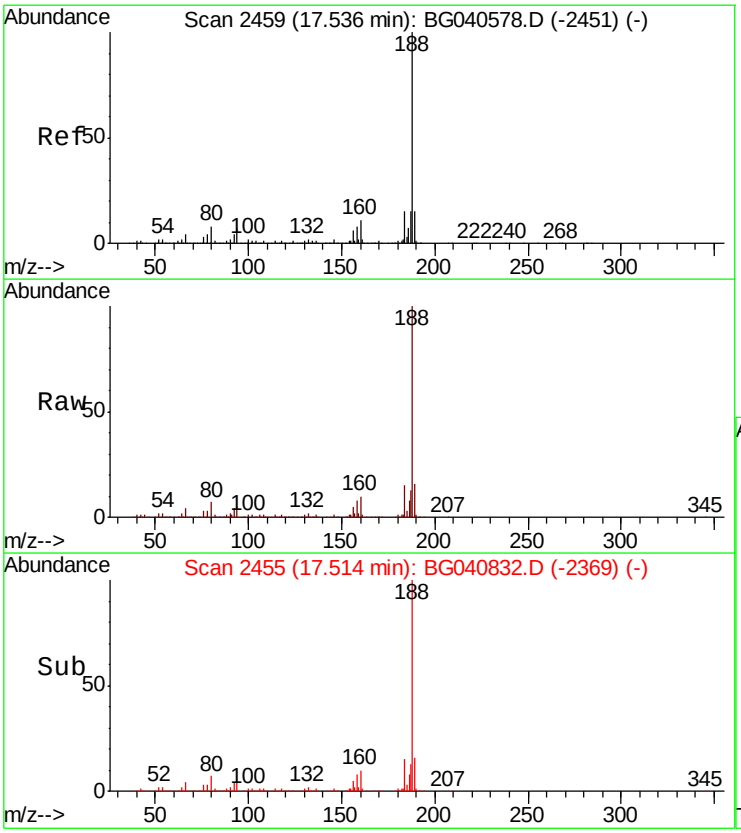
#57
2,4-Dinitrotoluene
Concen: 5.990 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.37 min
Lab File: BG040832.D
Acq: 10 May 2019 1:27

Instrument :
BNA_G
ClientSampleId :
P021-SS008-0206-02

Tgt Ion:165 Resp: 20885

Ion	Ratio	Lower	Upper
165	100		
63	1.5	45.8	68.8#
89	1.4	69.4	104.2#
182	0.0	2.2	3.4#

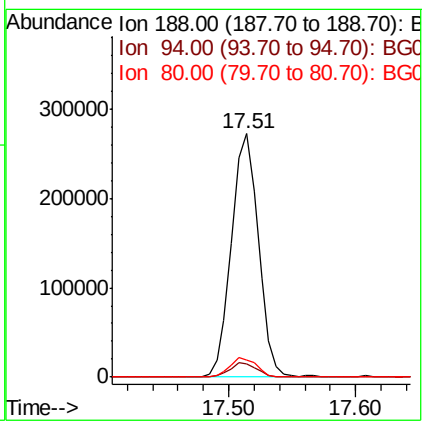


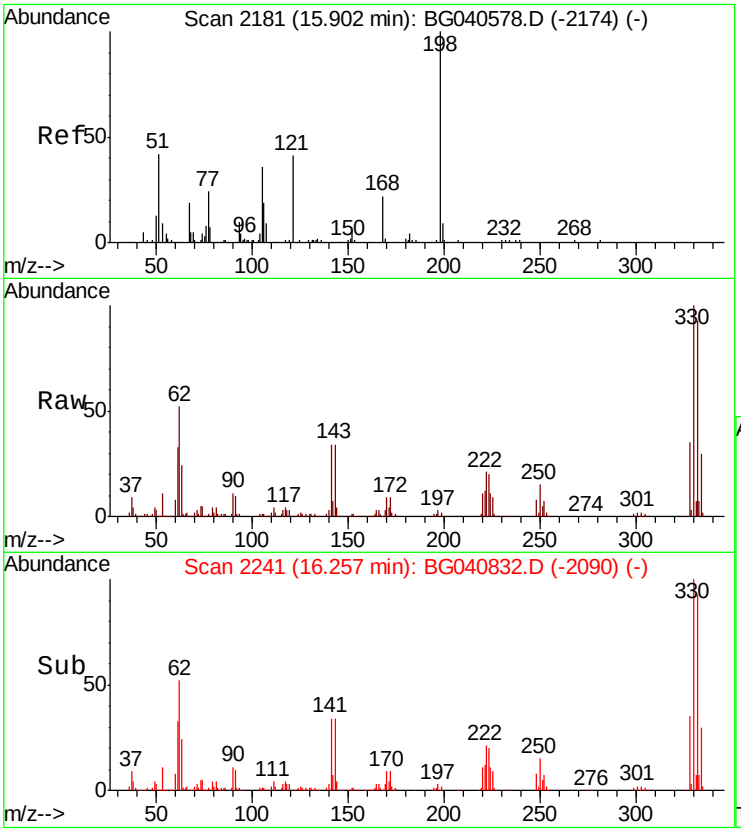


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040832.D
Acq: 10 May 2019 1:27

Tgt Ion:188 Resp: 401676

Ion	Ratio	Lower	Upper
188	100		
94	5.4	5.6	8.4#
80	7.0	6.4	9.6



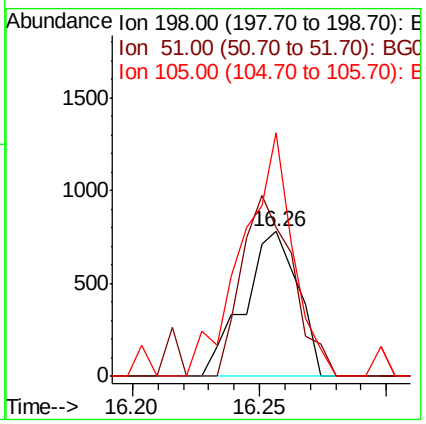


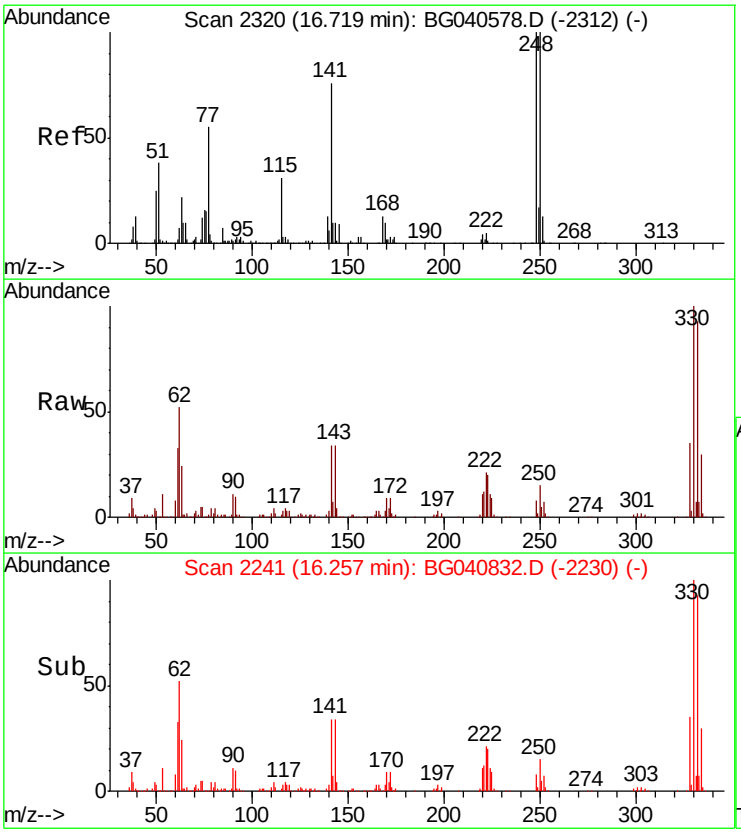
#65
4,6-Dinitro-2-methylphenol
Concen: 7.600 ng
RT: 16.26 min Scan# 2241
Delta R.T. 0.35 min
Lab File: BG040832.D
Acq: 10 May 2019 1:27

Instrument :
BNA_G
ClientSampleId :
P021-SS008-0206-02

Tgt Ion:198 Resp: 1159

Ion	Ratio	Lower	Upper
198	100		
51	103.1	35.9	75.9#
105	168.0	21.2	61.2#

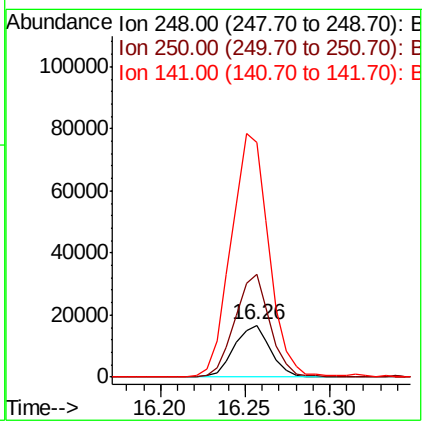


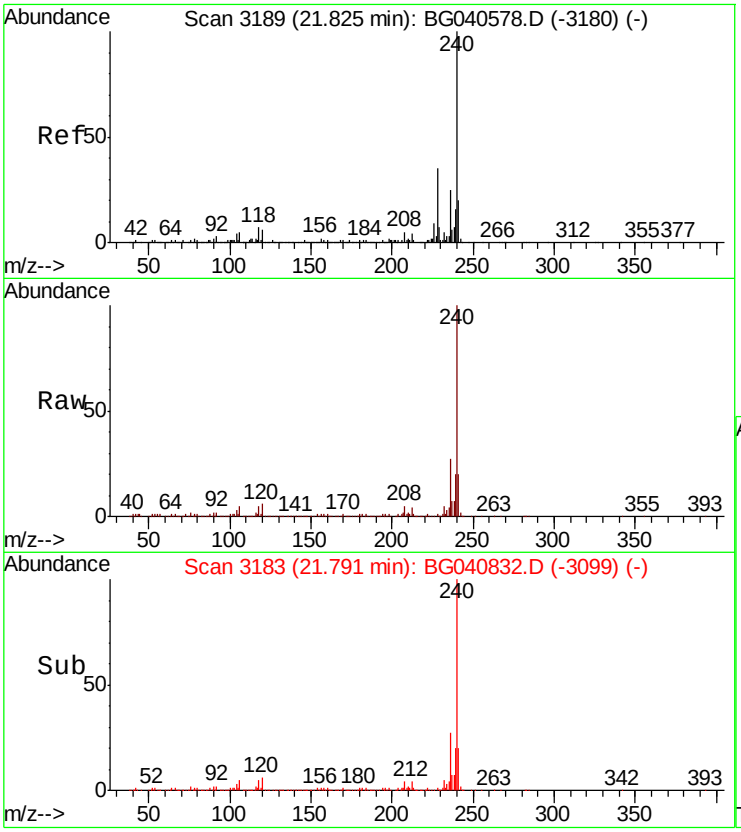


#67
4-Bromophenyl-phenylether
Concen: 4.982 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.46 min
Lab File: BG040832.D
Acq: 10 May 2019 1:27

Tgt Ion:248 Resp: 24929

Ion	Ratio	Lower	Upper
248	100		
250	198.0	79.8	119.6#
141	451.4	60.8	91.2#



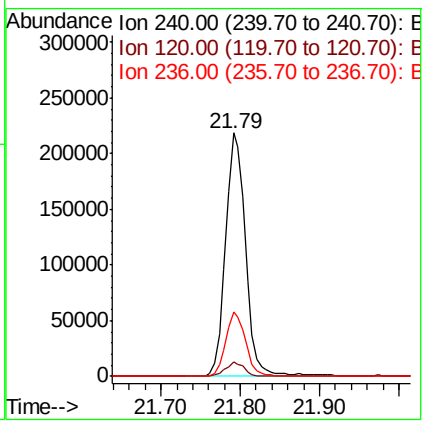


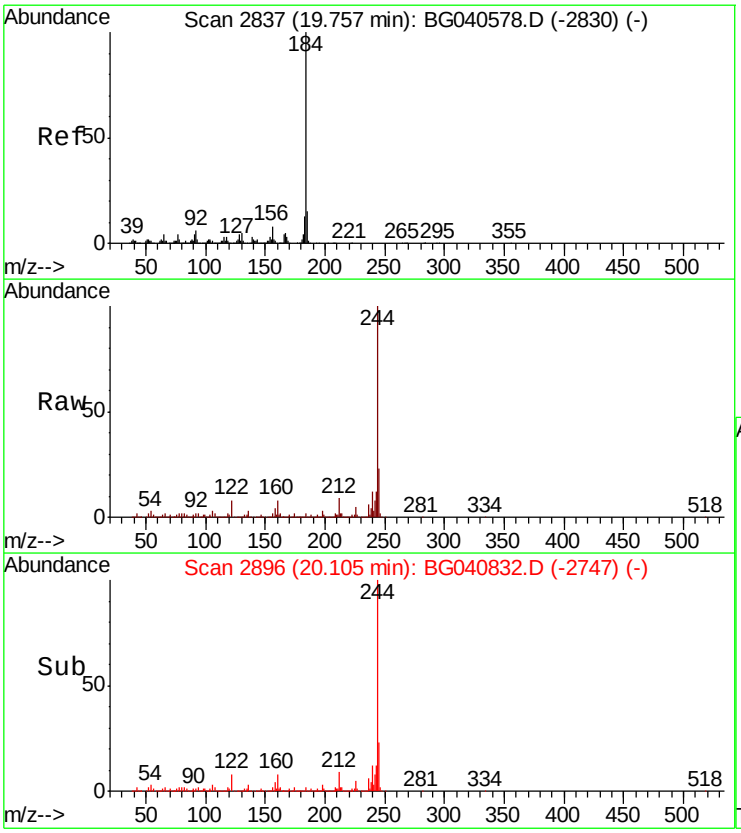
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3183
Delta R.T. -0.03 min
Lab File: BG040832.D
Acq: 10 May 2019 1:27

Instrument :
BNA_G
ClientSampleId :
P021-SS008-0206-02

Tgt Ion:240 Resp: 380329

Ion	Ratio	Lower	Upper
240	100		
120	6.1	5.0	7.6
236	26.6	20.3	30.5

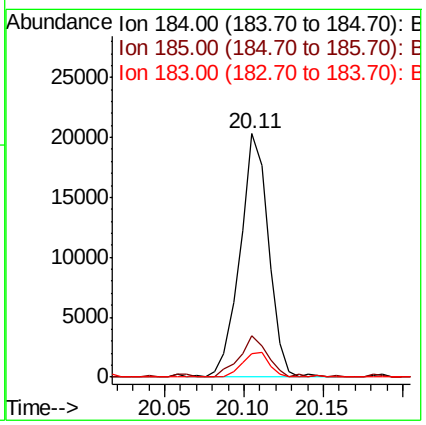


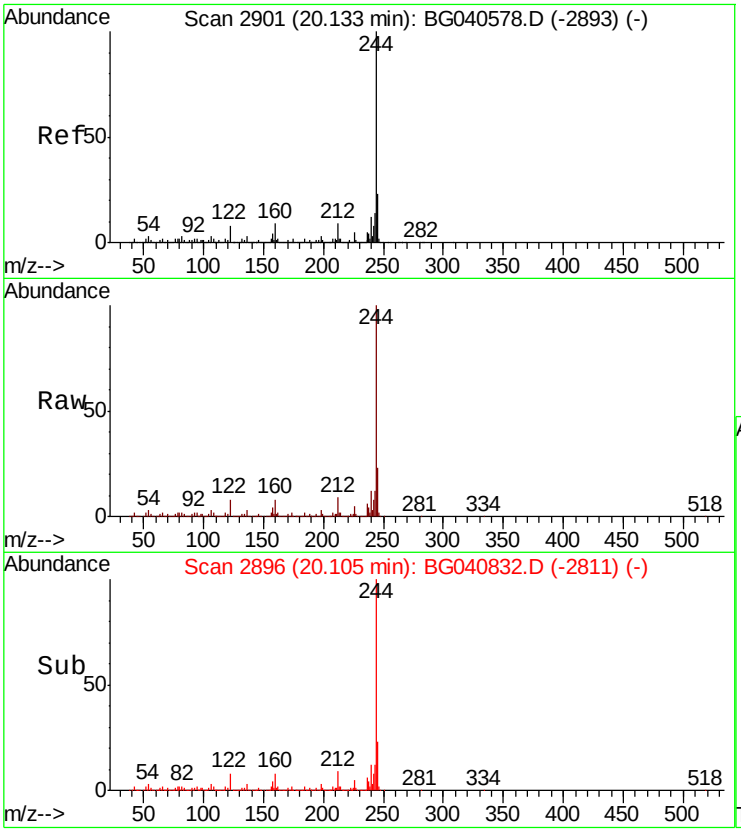


#77
Benzidine
Concen: 2.424 ng
RT: 20.11 min Scan# 2896
Delta R.T. 0.35 min
Lab File: BG040832.D
Acq: 10 May 2019 1:27

Tgt Ion:184 Resp: 25241

Ion	Ratio	Lower	Upper
184	100		
185	16.9	11.8	17.8
183	9.5	10.2	15.2#



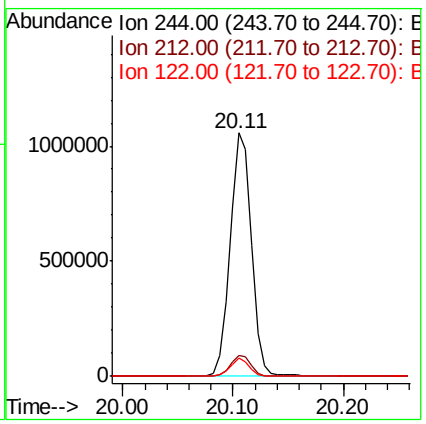


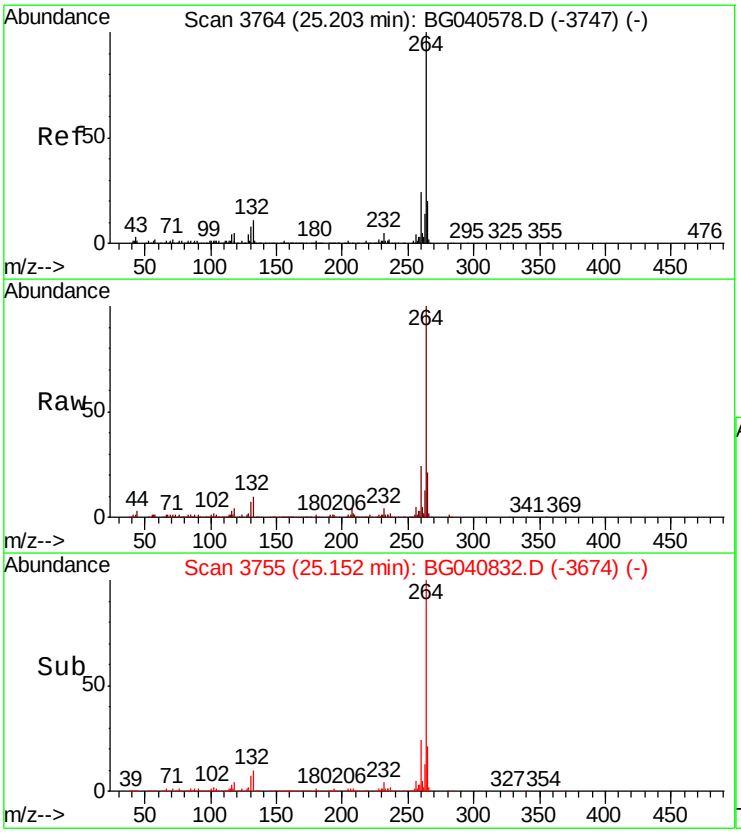
#79
Terphenyl-d14
Concen: 83.654 ng
RT: 20.11 min Scan# 2896
Delta R.T. -0.03 min
Lab File: BG040832.D
Acq: 10 May 2019 1:27

Instrument :
BNA_G
ClientSampleId :
P021-SS008-0206-02

Tgt Ion:244 Resp: 1436116

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.2	10.8
122	7.7	6.6	10.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3755
Delta R.T. -0.05 min
Lab File: BG040832.D
Acq: 10 May 2019 1:27

Tgt Ion:264 Resp: 388042

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.2	16.6	25.0