Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040889.D
Acq On : 12 May 2019 00:55
Operator : HP/JU
Sample : K2763-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS007-0612-01

Quant Time: May 12 05:01:59 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	8.13	152	46956	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	188359	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	147426	20.00	ng	-0.03
64) Phenanthrene-d10	17.50	188	401241	20.00	ng	-0.03
76) Chrysene-d12	21.78	240	409849	20.00	ng	-0.04
87) Perylene-d12	25.13	264	437092	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	201749	75.74	ng	-0.02
7) Phenol-d6	7.27	99	310316	75.66	ng	-0.03
23) Nitrobenzene-d5	9.31	82	206510	50.66	ng	-0.03
42) 2,4,6-Tribromophenol	16.24	330	189337	93.43	ng	-0.03
45) 2-Fluorobiphenyl	13.38	172	461305	45.19	ng	-0.03
79) Terphenyl-d14	20.10	244	900619	48.68	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	7.27	77	815	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.31	70	29191	7.906	ng	# 71
50) Dimethylphthalate	14.21	163	115803	9.388	ng	99
54) 2,4-Dinitrophenol	14.90	184	54	7.051	ng	# 21
57) 2,4-Dinitrotoluene	14.76	165	19284	5.895	ng	# 16
65) 4,6-Dinitro-2-methylphenol	16.12	198	55	7.125	ng	# 28
67) 4-Bromophenyl-phenylether	16.24	248	12719	2.544	ng	# 1

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

Quantitation Report (Not Reviewed)

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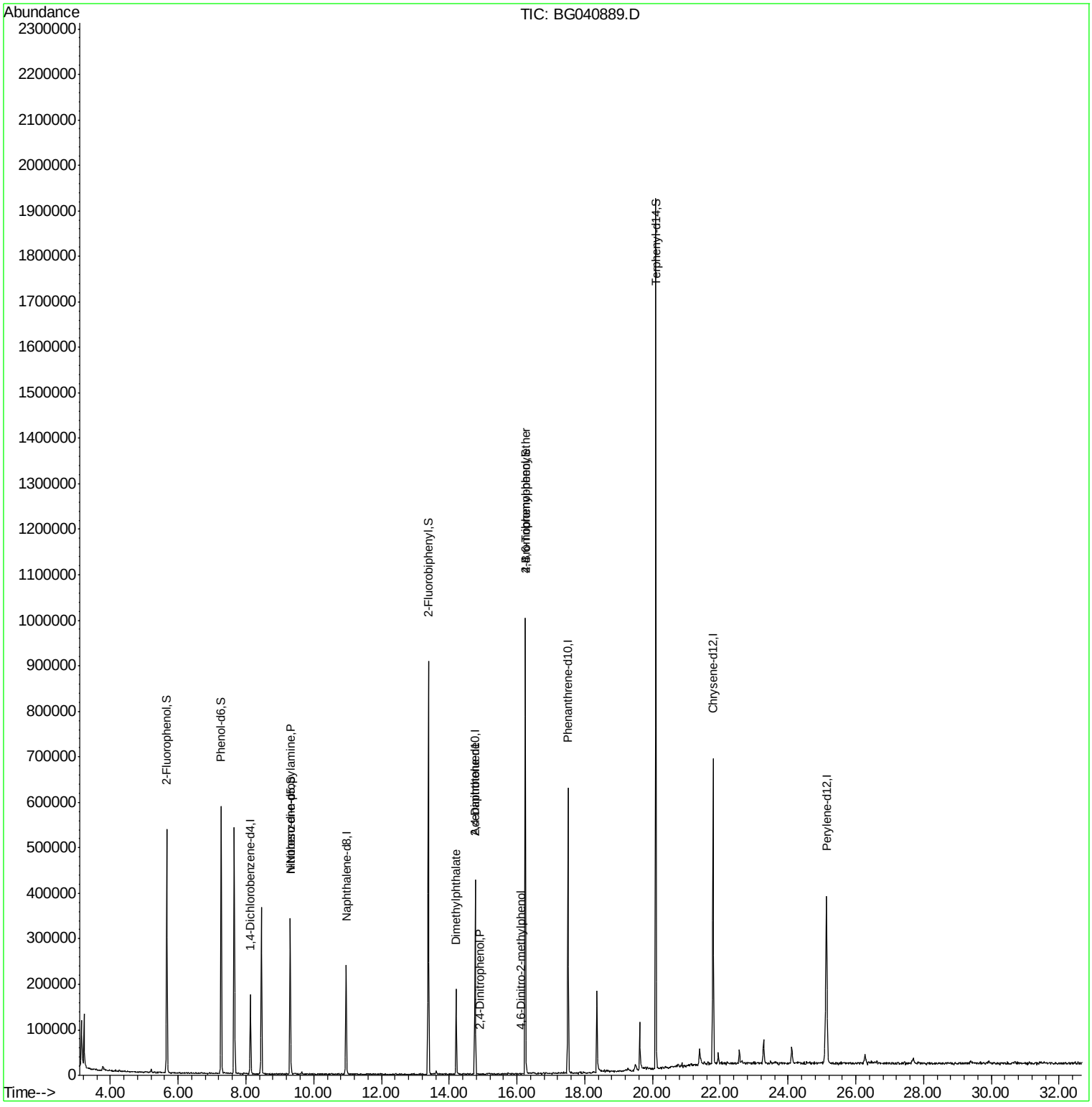
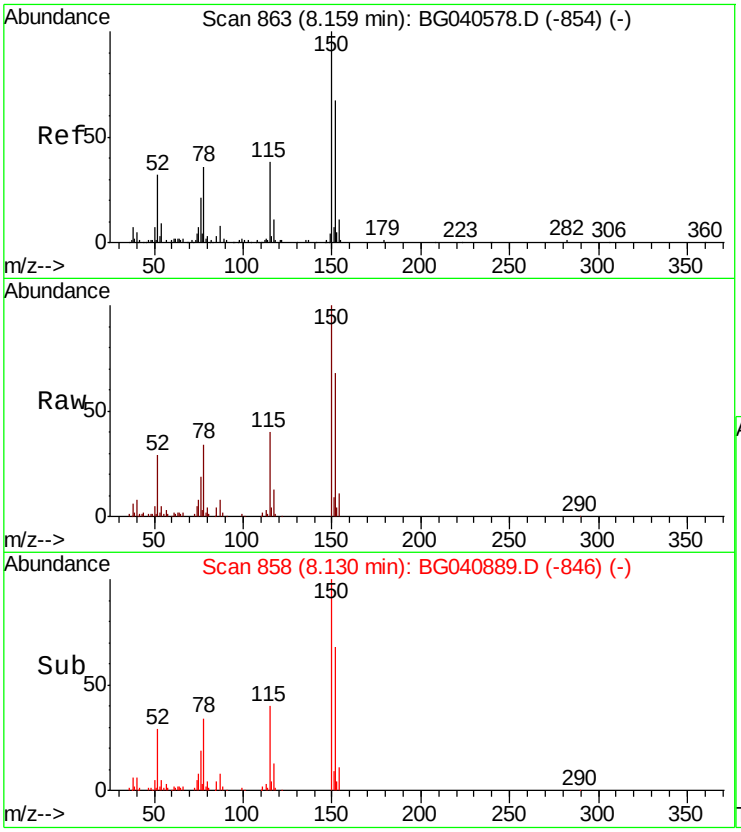


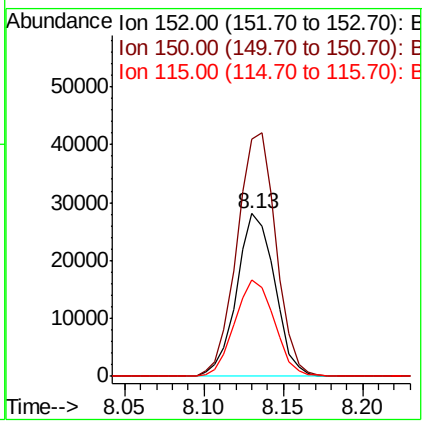


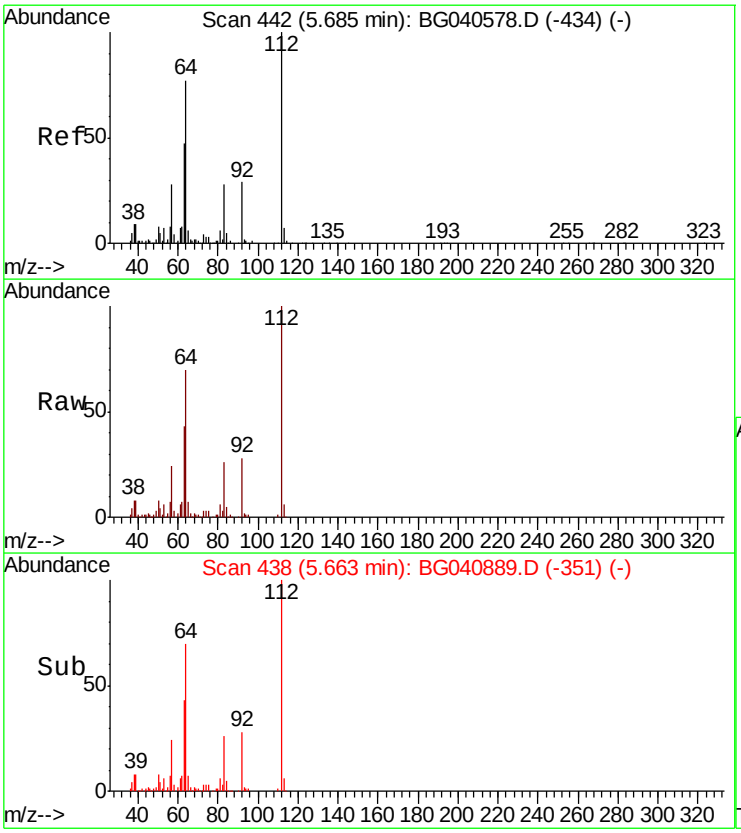
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040889.D
Acq: 12 May 2019 00:55

Instrument :
BNA_G
ClientSampleId :
P021-SS007-0612-01

Tgt Ion:152 Resp: 46956

Ion	Ratio	Lower	Upper
152	100		
150	146.1	120.2	180.2
115	59.1	46.2	69.2

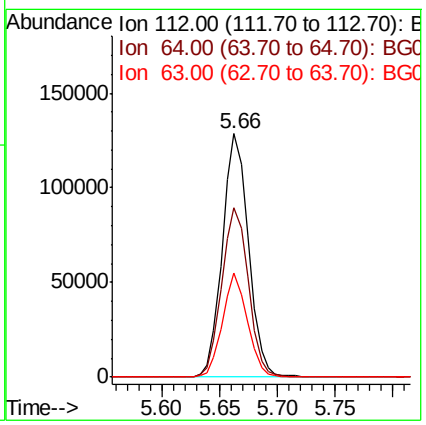


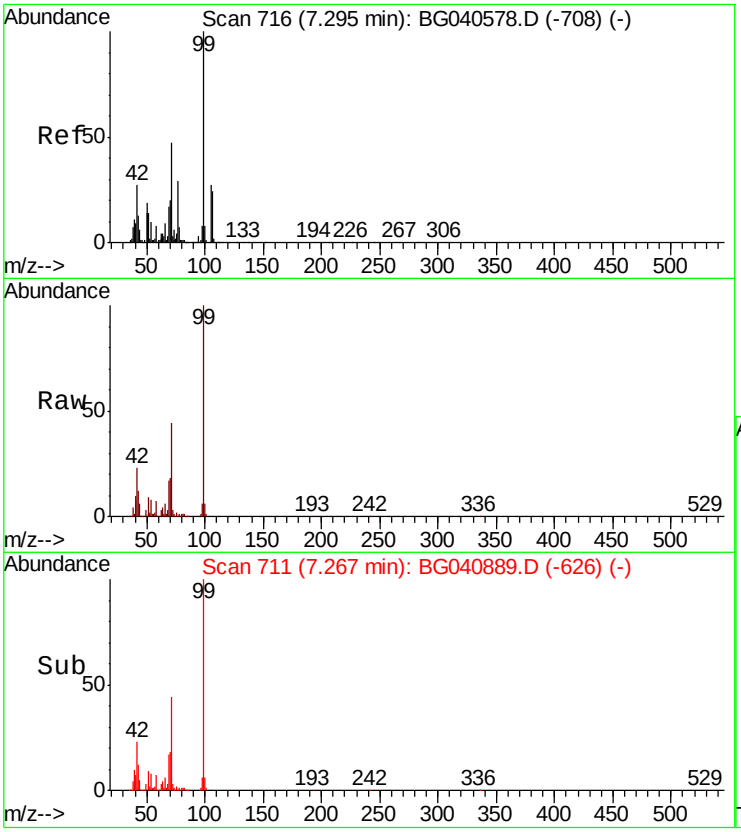


#5
2-Fluorophenol
Concen: 75.738 ng
RT: 5.66 min Scan# 438
Delta R.T. -0.02 min
Lab File: BG040889.D
Acq: 12 May 2019 00:55

Tgt Ion:112 Resp: 201749

Ion	Ratio	Lower	Upper
112	100		
64	69.7	61.4	92.0
63	42.9	37.8	56.6



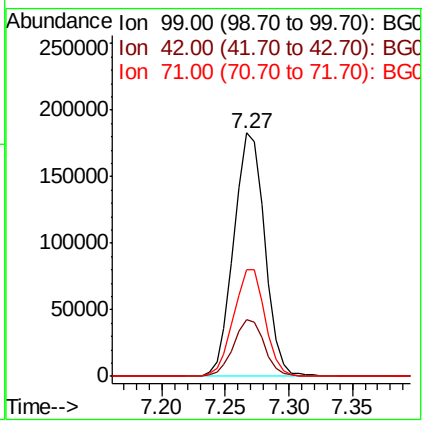


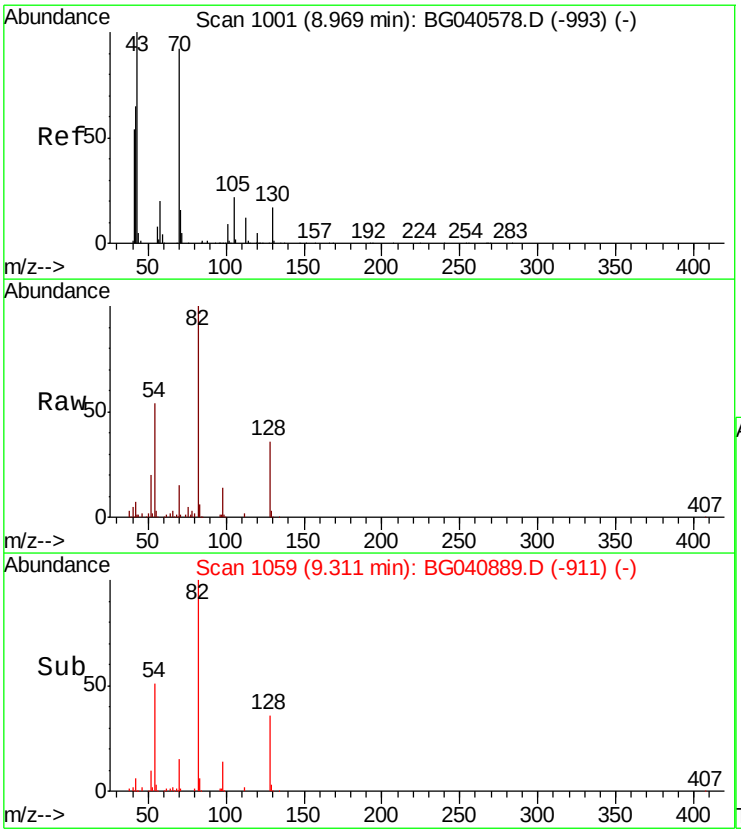
#7
Phenol-d6
Concen: 75.660 ng
RT: 7.27 min Scan# 711
Delta R.T. -0.03 min
Lab File: BG040889.D
Acq: 12 May 2019 00:55

Instrument :
BNA_G
ClientSampleId :
P021-SS007-0612-01

Tgt Ion: 99 Resp: 310316

Ion	Ratio	Lower	Upper
99	100		
42	23.2	21.8	32.8
71	43.7	38.6	57.8

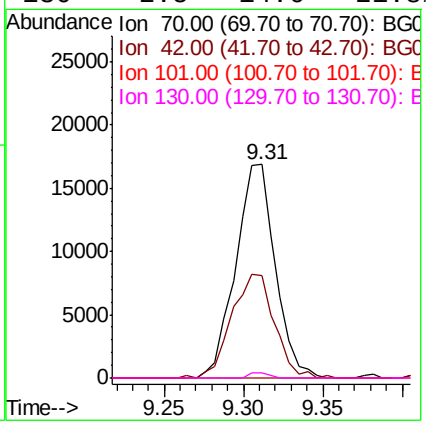


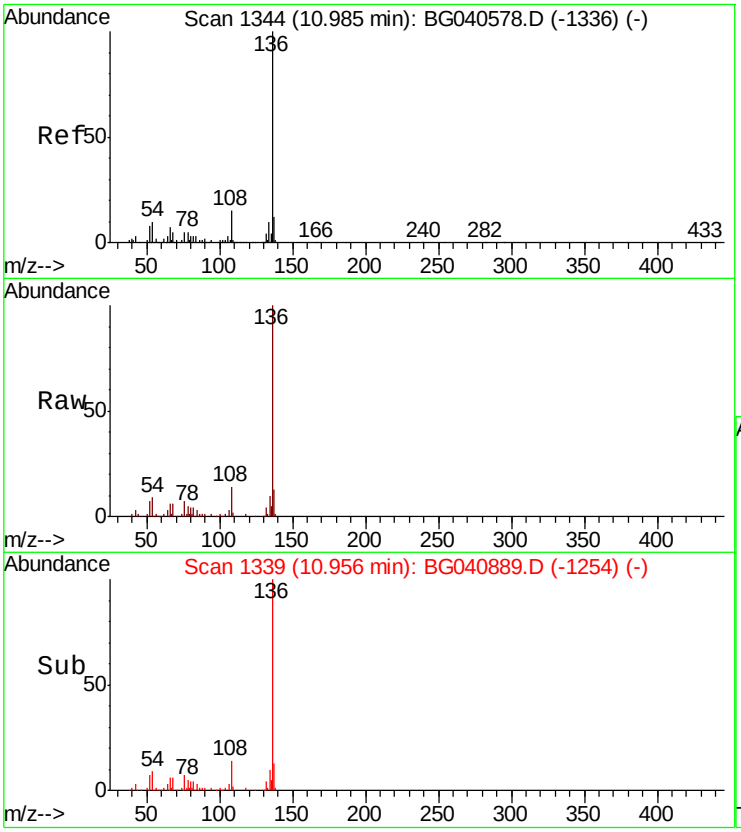


#19
n-Nitroso-di-n-propylamine
Concen: 7.906 ng
RT: 9.31 min Scan# 1059
Delta R.T. 0.34 min
Lab File: BG040889.D
Acq: 12 May 2019 00:55

Tgt Ion: 70 Resp: 29191

Ion	Ratio	Lower	Upper
70	100		
42	48.0	57.1	85.7#
101	0.0	7.8	11.8#
130	2.5	14.6	21.8#



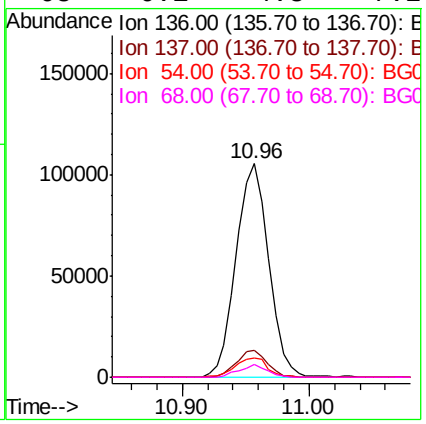


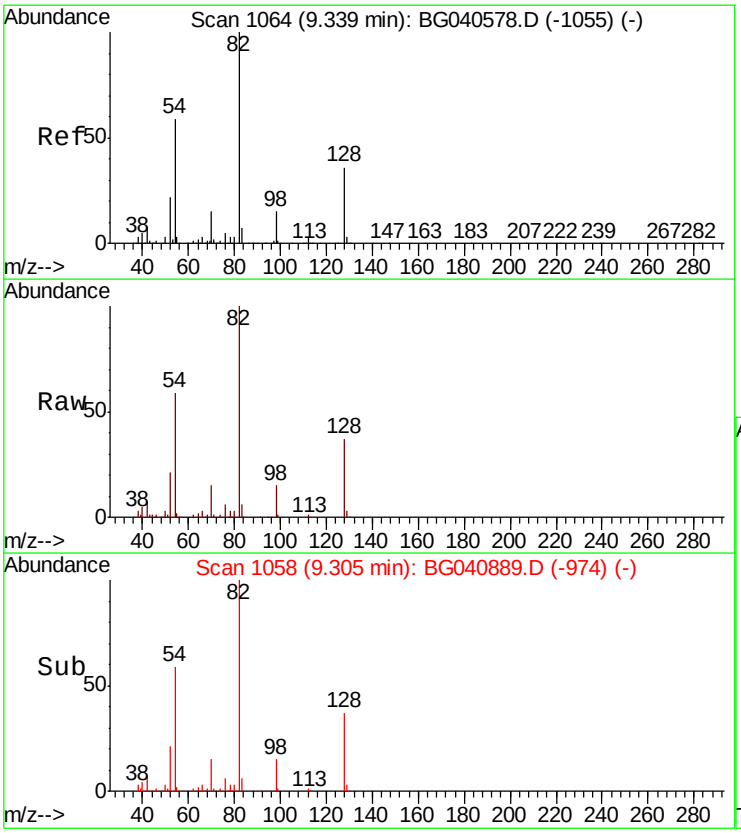
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040889.D
Acq: 12 May 2019 00:55

Instrument :
BNA_G
ClientSampleId :
P021-SS007-0612-01

Tgt Ion:136 Resp: 188359

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.7	14.5
54	8.8	8.6	12.8
68	6.1	4.8	7.2

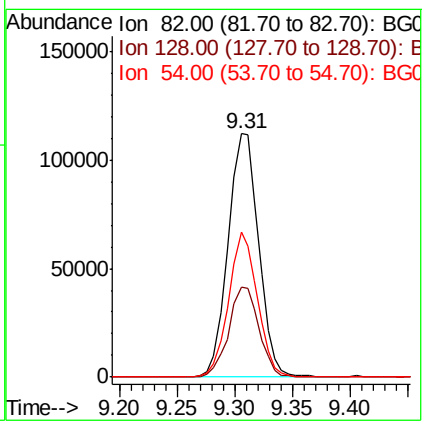


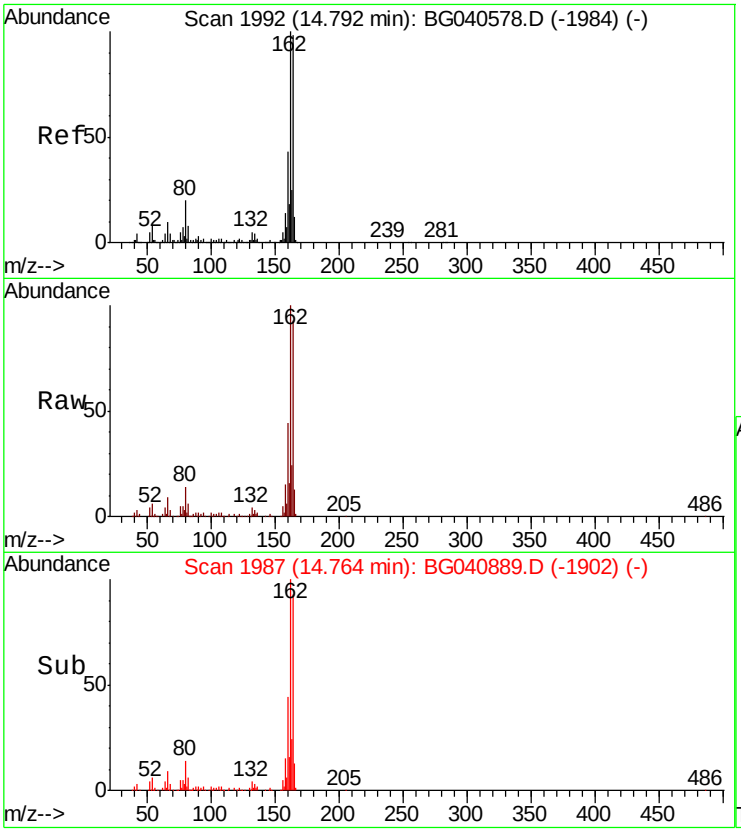


#23
Nitrobenzene-d5
Concen: 50.659 ng
RT: 9.31 min Scan# 1058
Delta R.T. -0.03 min
Lab File: BG040889.D
Acq: 12 May 2019 00:55

Tgt Ion: 82 Resp: 206510

Ion	Ratio	Lower	Upper
82	100		
128	37.0	28.9	43.3
54	59.4	47.2	70.8



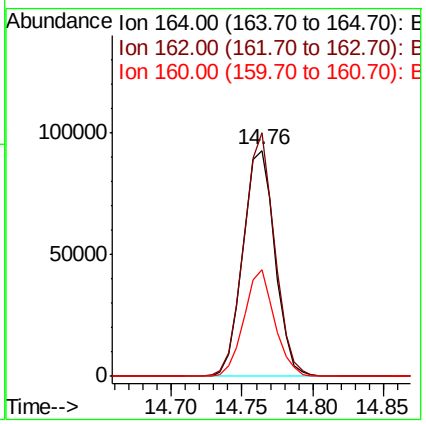


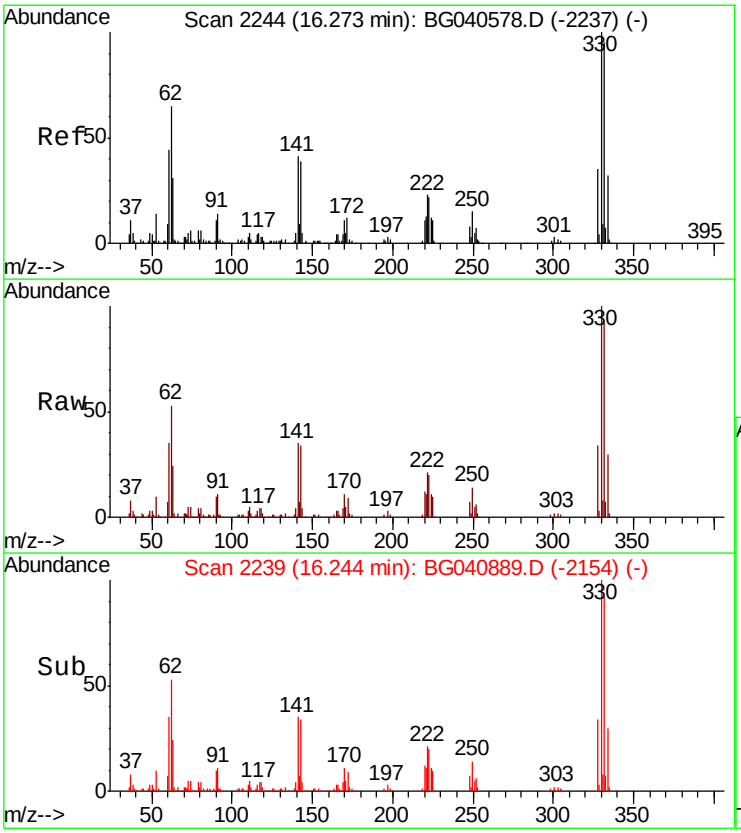
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.03 min
Lab File: BG040889.D
Acq: 12 May 2019 00:55

Instrument :
BNA_G
ClientSampleId :
P021-SS007-0612-01

Tgt Ion:164 Resp: 147426

Ion	Ratio	Lower	Upper
164	100		
162	107.6	81.9	122.9
160	47.1	35.4	53.2

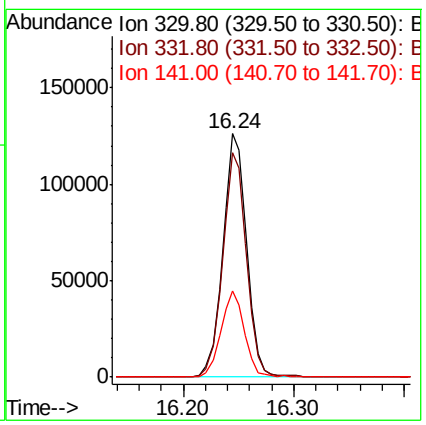


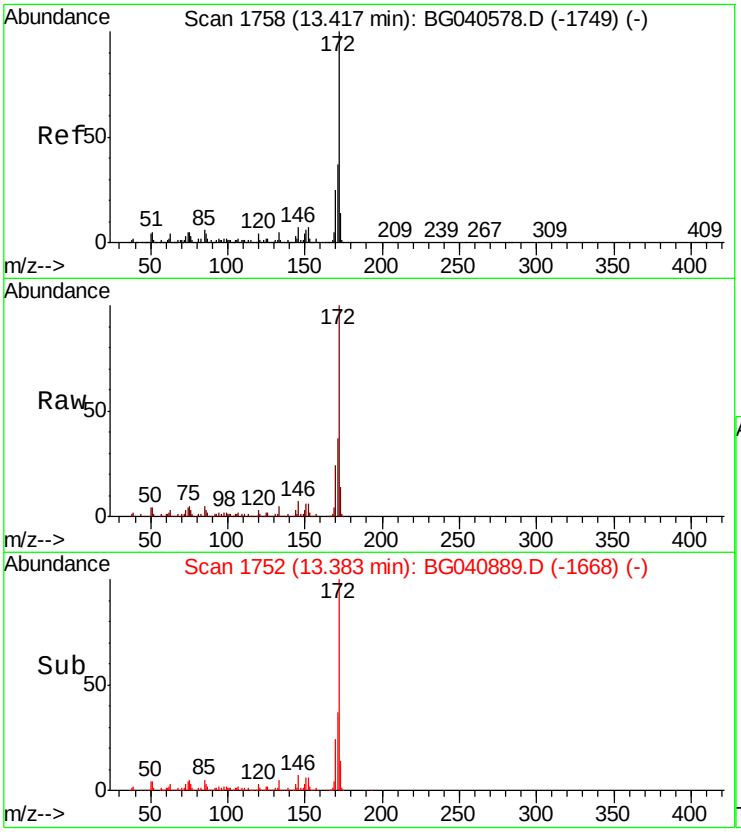


#42
2,4,6-Tribromophenol
Concen: 93.435 ng
RT: 16.24 min Scan# 2239
Delta R.T. -0.03 min
Lab File: BG040889.D
Acq: 12 May 2019 00:55

Tgt Ion:330 Resp: 189337

Ion	Ratio	Lower	Upper
330	100		
332	91.9	75.9	113.9
141	34.9	32.4	48.6



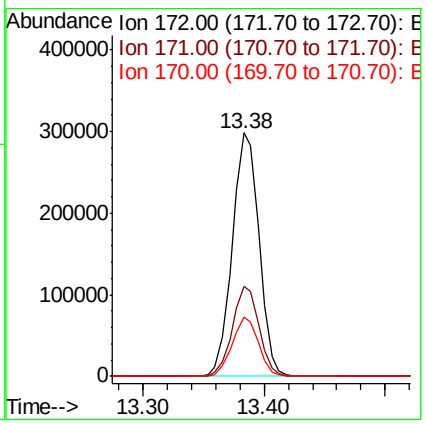


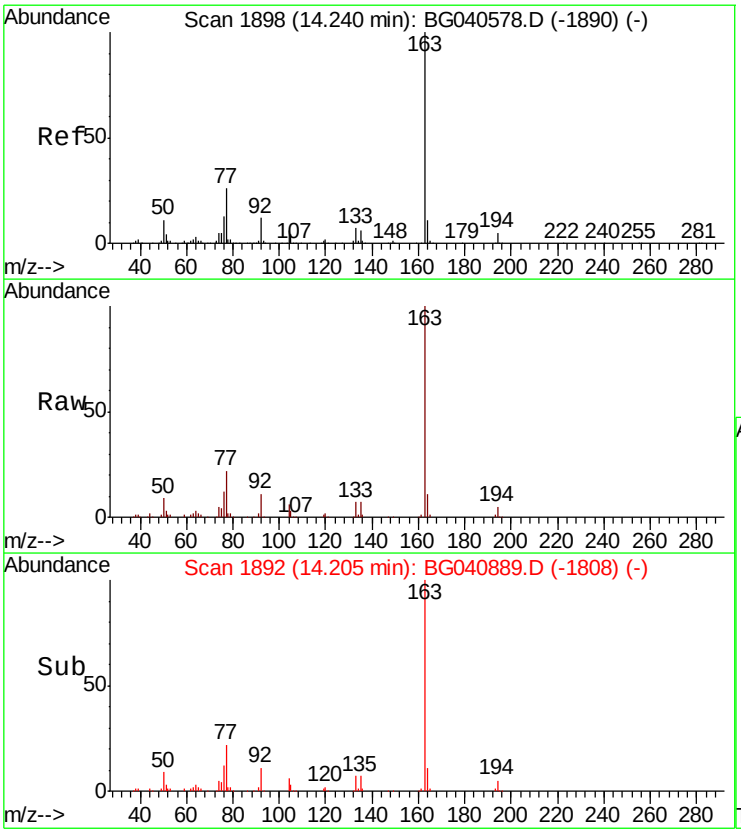
#45
2-Fluorobiphenyl
Concen: 45.190 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.03 min
Lab File: BG040889.D
Acq: 12 May 2019 00:55

Instrument :
BNA_G
ClientSampleId :
P021-SS007-0612-01

Tgt Ion:172 Resp: 461305

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.4	44.2
170	24.4	19.9	29.9

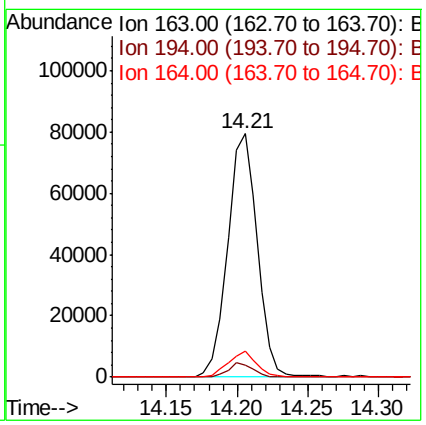


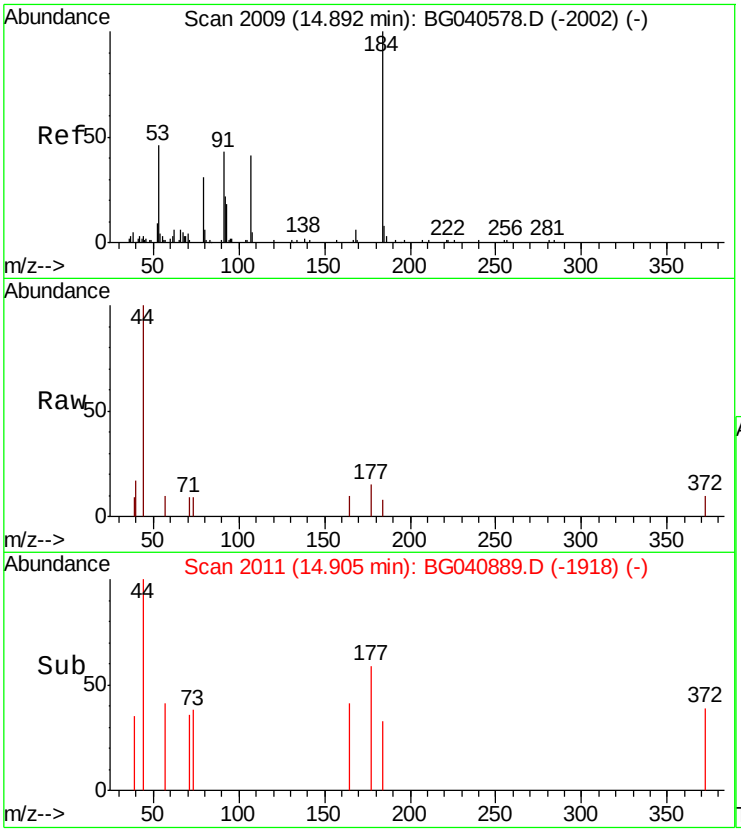


#50
Dimethylphthalate
Concen: 9.388 ng
RT: 14.21 min Scan# 1892
Delta R.T. -0.03 min
Lab File: BG040889.D
Acq: 12 May 2019 00:55

Tgt Ion:163 Resp: 115803

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.8	5.8
164	10.6	8.8	13.2



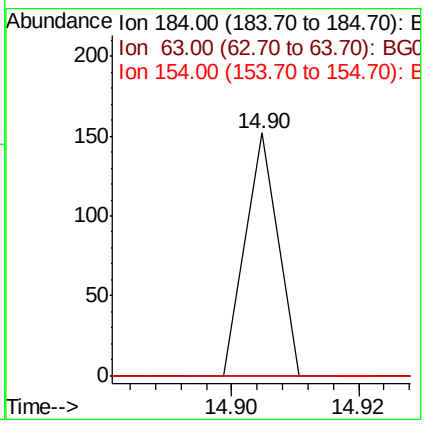


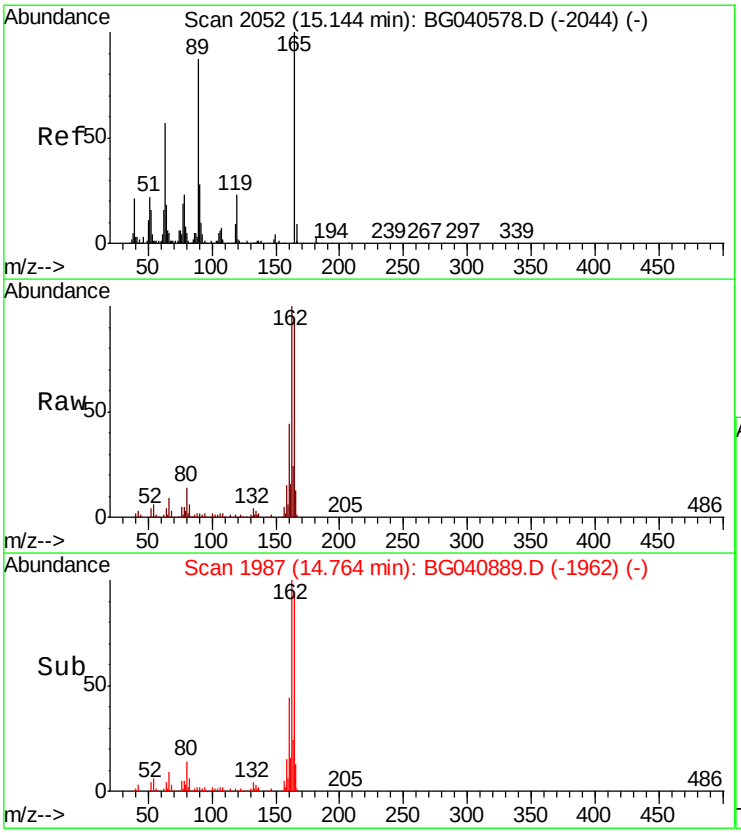
#54
2,4-Dinitrophenol
Concen: 7.051 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BG040889.D
Acq: 12 May 2019 00:55

Instrument :
BNA_G
ClientSampleId :
P021-SS007-0612-01

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#

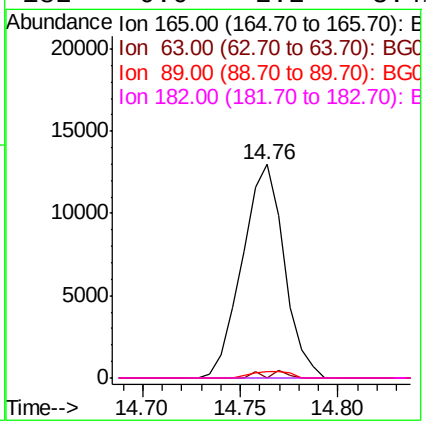


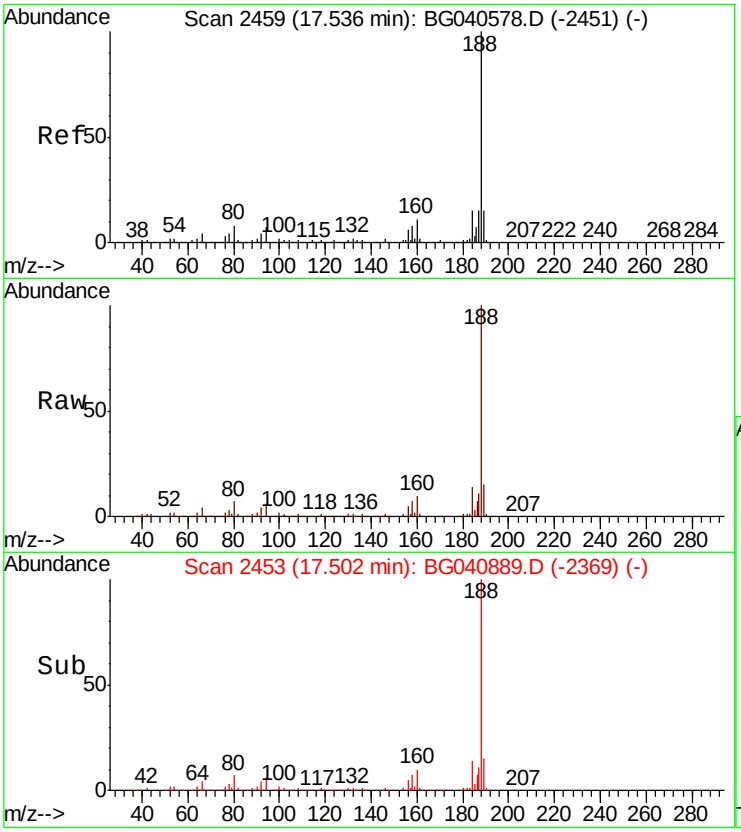


#57
2,4-Dinitrotoluene
Concen: 5.895 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.38 min
Lab File: BG040889.D
Acq: 12 May 2019 00:55

Tgt Ion:165 Resp: 19284

Ion	Ratio	Lower	Upper
165	100		
63	0.0	45.8	68.8#
89	2.8	69.4	104.2#
182	0.0	2.2	3.4#



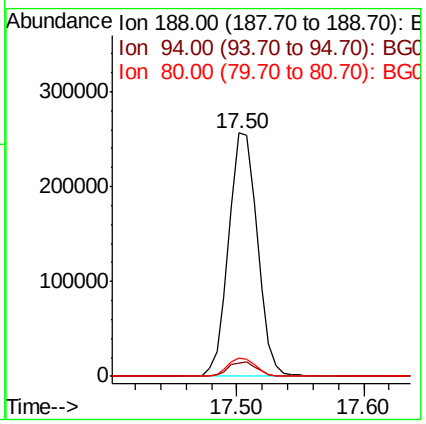


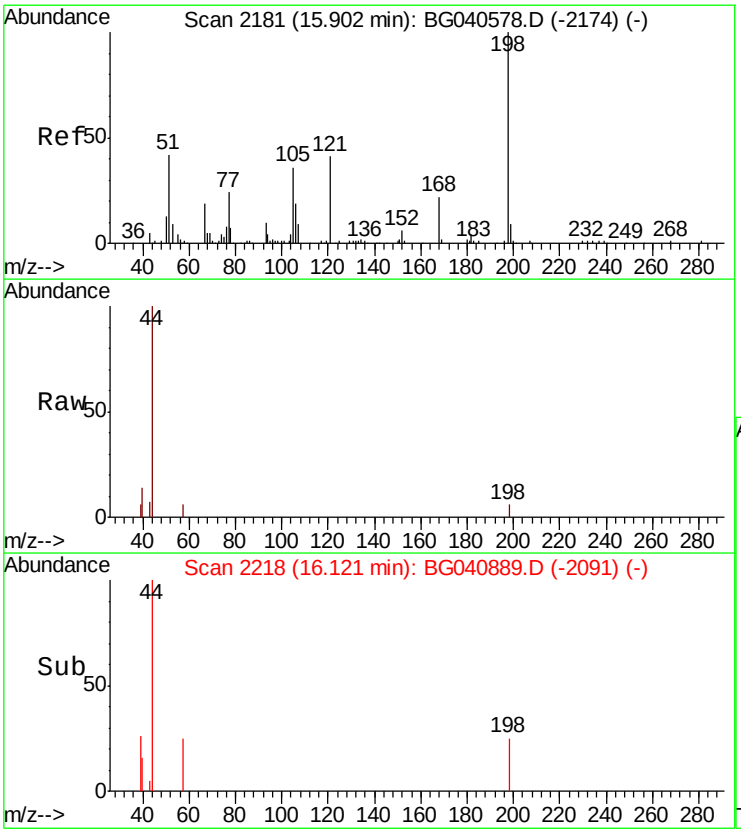
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.03 min
Lab File: BG040889.D
Acq: 12 May 2019 00:55

Instrument :
BNA_G
ClientSampleId :
P021-SS007-0612-01

Tgt Ion:188 Resp: 401241

Ion	Ratio	Lower	Upper
188	100		
94	5.6	5.6	8.4
80	7.5	6.4	9.6

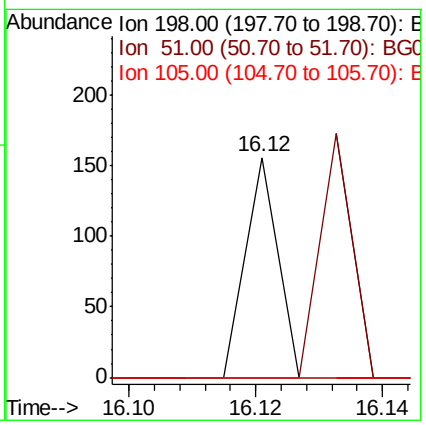


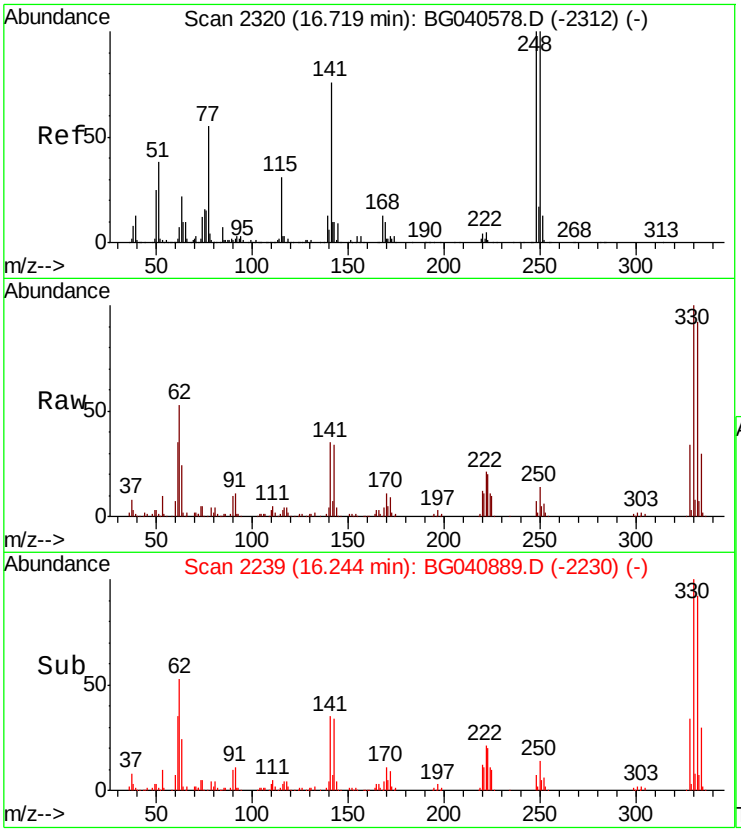


#65
4,6-Dinitro-2-methylphenol
Concen: 7.125 ng
RT: 16.12 min Scan# 2218
Delta R.T. 0.22 min
Lab File: BG040889.D
Acq: 12 May 2019 00:55

Tgt Ion:198 Resp: 55

Ion	Ratio	Lower	Upper
198	100		
51	0.0	35.9	75.9#
105	0.0	21.2	61.2#



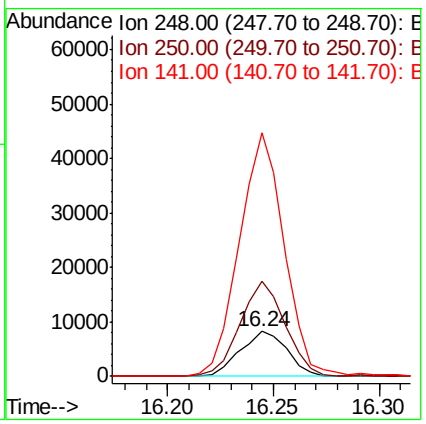


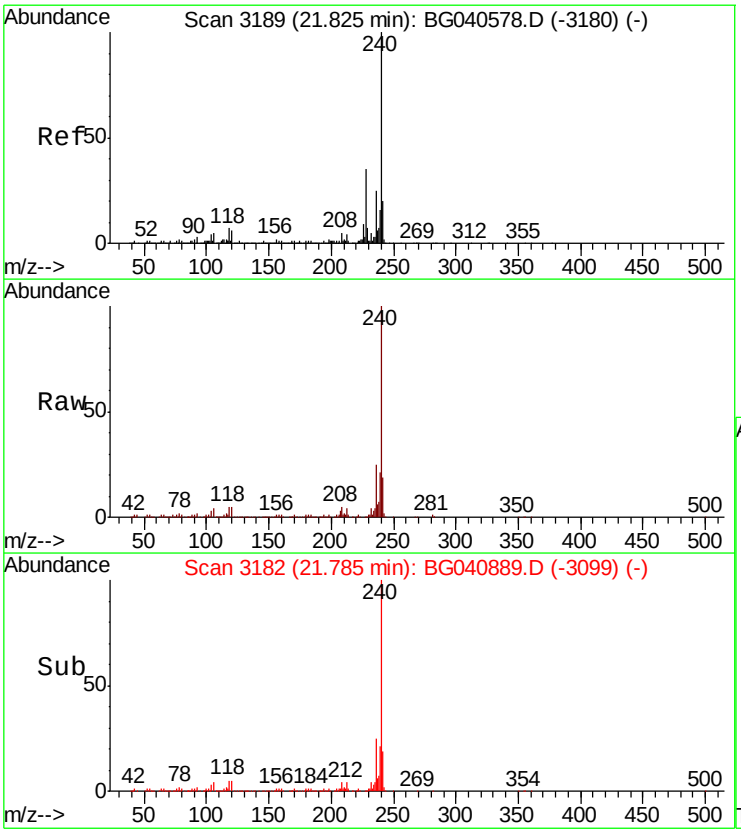
#67
4-Bromophenyl-phenylether
Concen: 2.544 ng
RT: 16.24 min Scan# 2239
Delta R.T. -0.47 min
Lab File: BG040889.D
Acq: 12 May 2019 00:55

Instrument :
BNA_G
ClientSampleId :
P021-SS007-0612-01

Tgt Ion:248 Resp: 12719

Ion	Ratio	Lower	Upper
248	100		
250	211.5	79.8	119.6#
141	540.3	60.8	91.2#

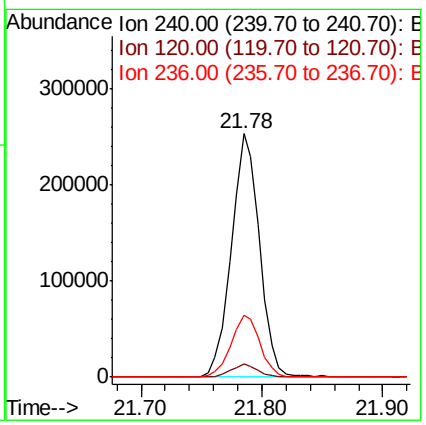


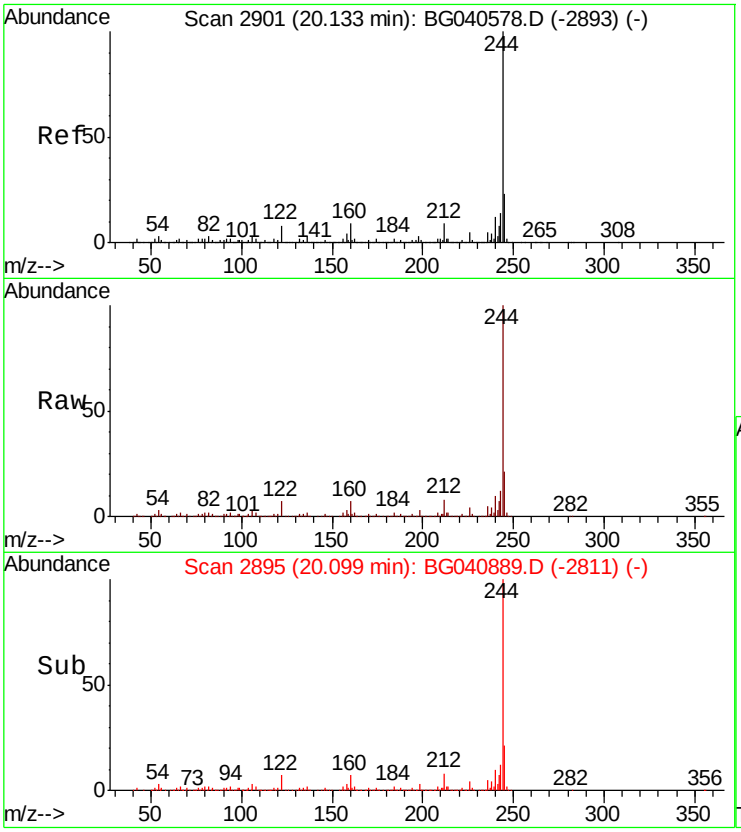


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3182
Delta R.T. -0.04 min
Lab File: BG040889.D
Acq: 12 May 2019 00:55

Tgt Ion:240 Resp: 409849

Ion	Ratio	Lower	Upper
240	100		
120	5.4	5.0	7.6
236	25.5	20.3	30.5



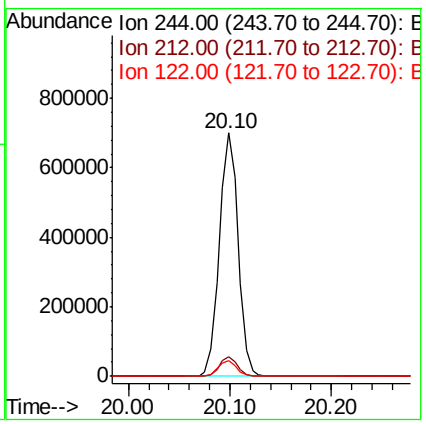


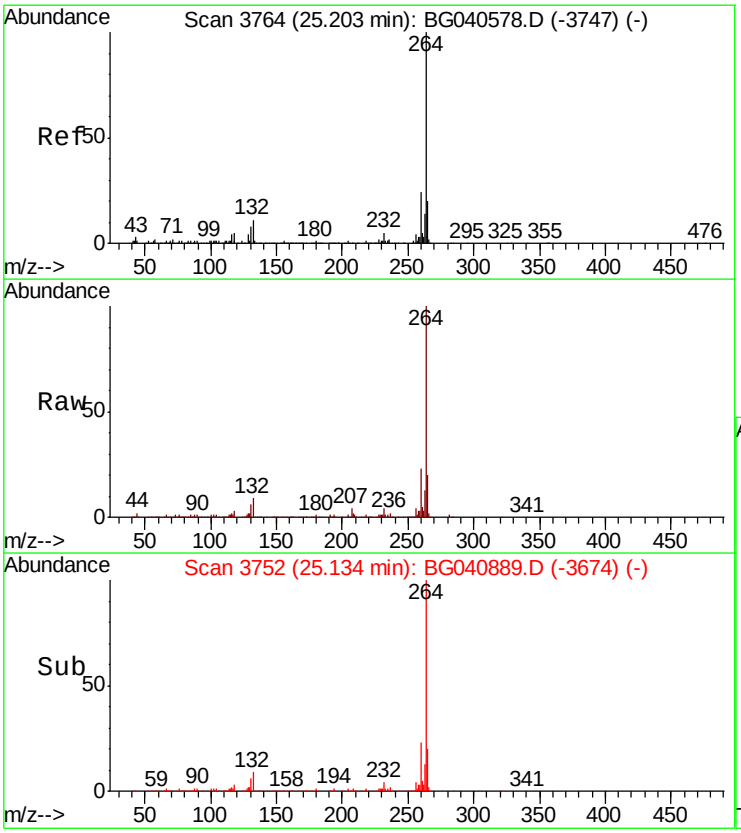
#79
Terphenyl-d14
Concen: 48.683 ng
RT: 20.10 min Scan# 2895
Delta R.T. -0.03 min
Lab File: BG040889.D
Acq: 12 May 2019 00:55

Instrument :
BNA_G
ClientSampleId :
P021-SS007-0612-01

Tgt Ion:244 Resp: 900619

Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.2	10.8
122	6.7	6.6	10.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.13 min Scan# 3752
Delta R.T. -0.07 min
Lab File: BG040889.D
Acq: 12 May 2019 00:55

Tgt Ion:264 Resp: 437092

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	19.9	16.6	25.0