Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
Data File : BG041027.D
Acq On : 3 Jun 2019 10:33
Operator : HP/JU
Sample : K3010-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 03 15:25:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	58075	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	235075	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	170280	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	421259	20.00	ng	-0.01
76) Chrysene-d12	21.77	240	436525	20.00	ng	-0.01
87) Perylene-d12	25.11	264	453935	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	440886	136.89	ng	0.00
7) Phenol-d6	7.26	99	647084	130.09	ng	0.00
23) Nitrobenzene-d5	9.29	82	450835	85.14	ng	-0.01
42) 2,4,6-Tribromophenol	16.24	330	325859	128.90	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	933122	78.92	ng	-0.01
79) Terphenyl-d14	20.09	244	1616111	78.57	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.30	70	65583	17.134	ng	# 73
41) Hexachlorocyclopentadiene	12.95	237	81	8.255	ng	# 26
50) Dimethylphthalate	14.19	163	115569	8.018	ng	# 97
57) 2,4-Dinitrotoluene	14.75	165	22363	5.094	ng	# 23
65) 4,6-Dinitro-2-methylphenol	15.78	198	62	8.612	ng	# 36
67) 4-Bromophenyl-phenylether	16.23	248	24745	4.353	ng	# 1
70) Pentachlorophenol	17.27	266	56	4.272	ng	# 18
77) Benzidine	20.09	184	29529	2.836	ng	# 90

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

Quantitation Report (Not Reviewed)

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Acq On : 3 Jun 2019 10:33
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ClientSampleId :

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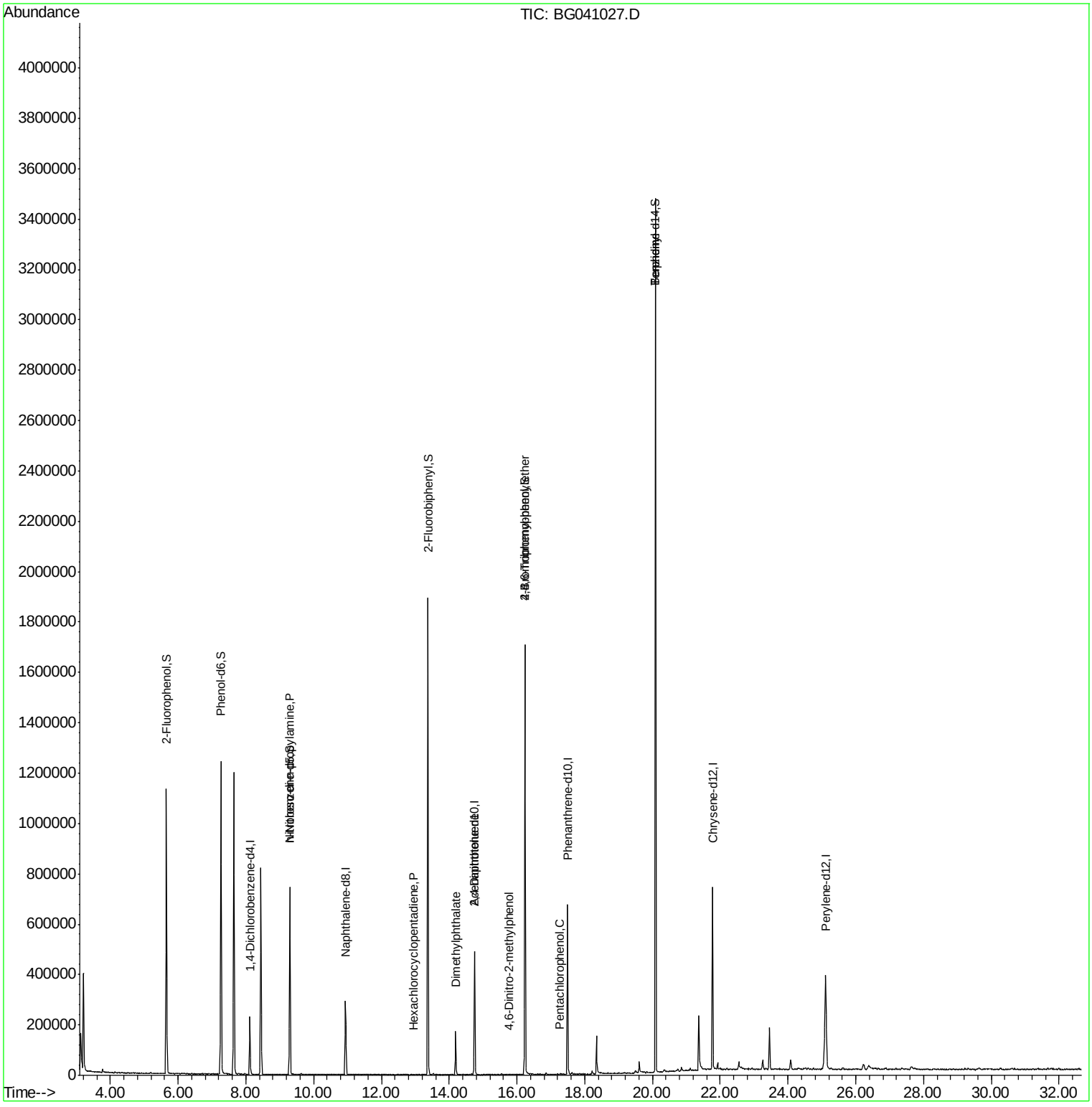
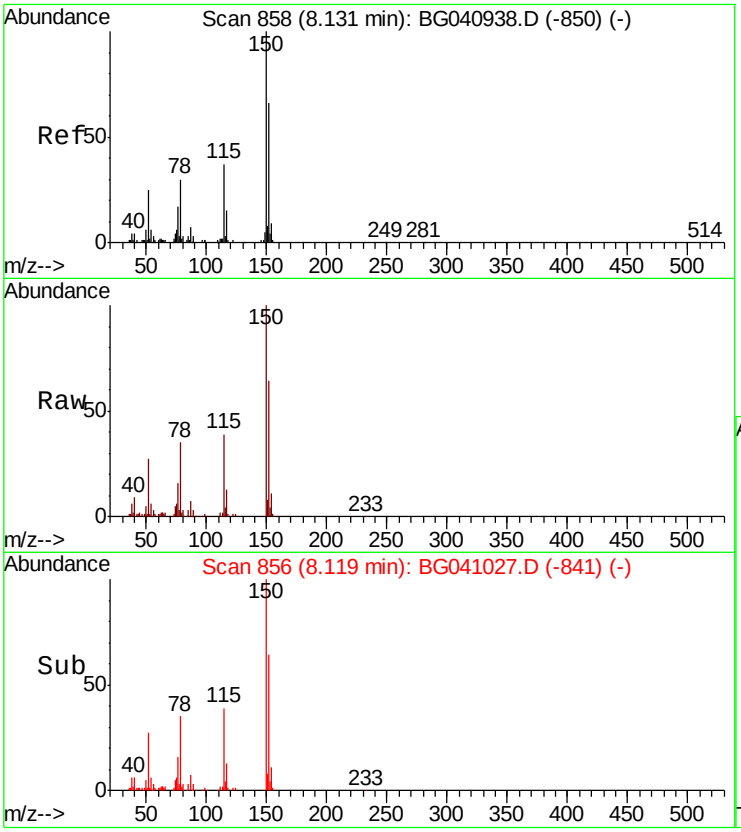
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration



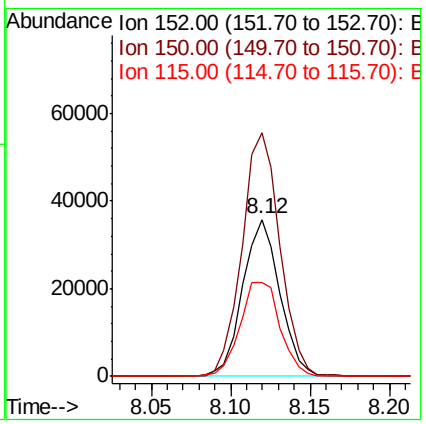


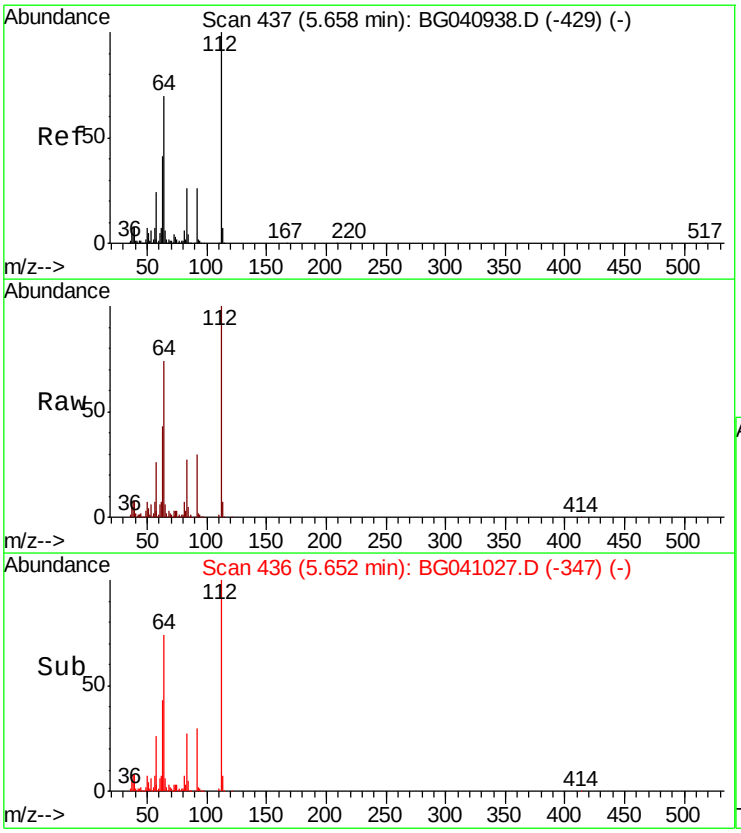
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG041027.D
Acq: 3 Jun 2019 10:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 58075

Ion	Ratio	Lower	Upper
152	100		
150	155.3	120.6	180.8
115	60.2	45.1	67.7

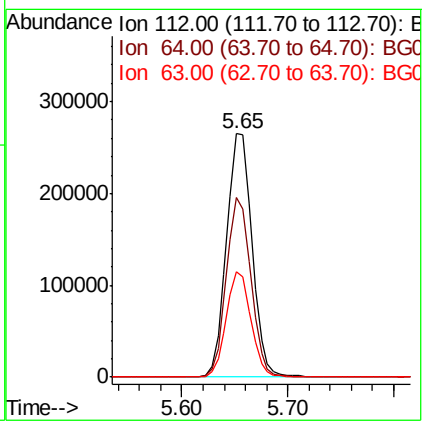


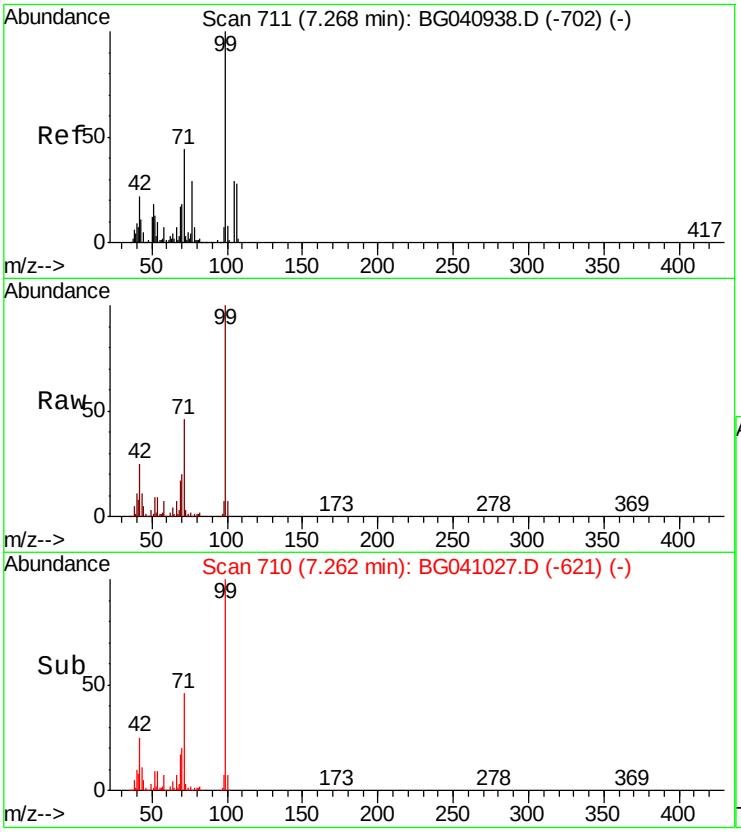


#5
2-Fluorophenol
Concen: 136.894 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.01 min
Lab File: BG041027.D
Acq: 3 Jun 2019 10:33

Tgt Ion:112 Resp: 440886

Ion	Ratio	Lower	Upper
112	100		
64	73.7	56.2	84.2
63	43.2	32.8	49.2



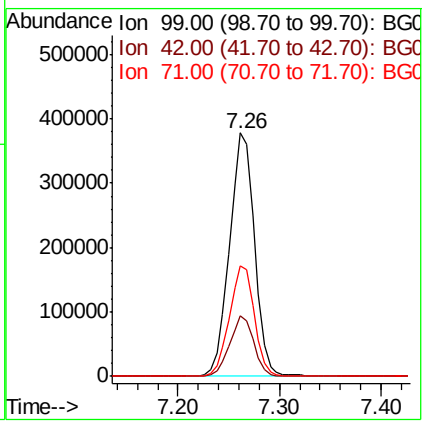


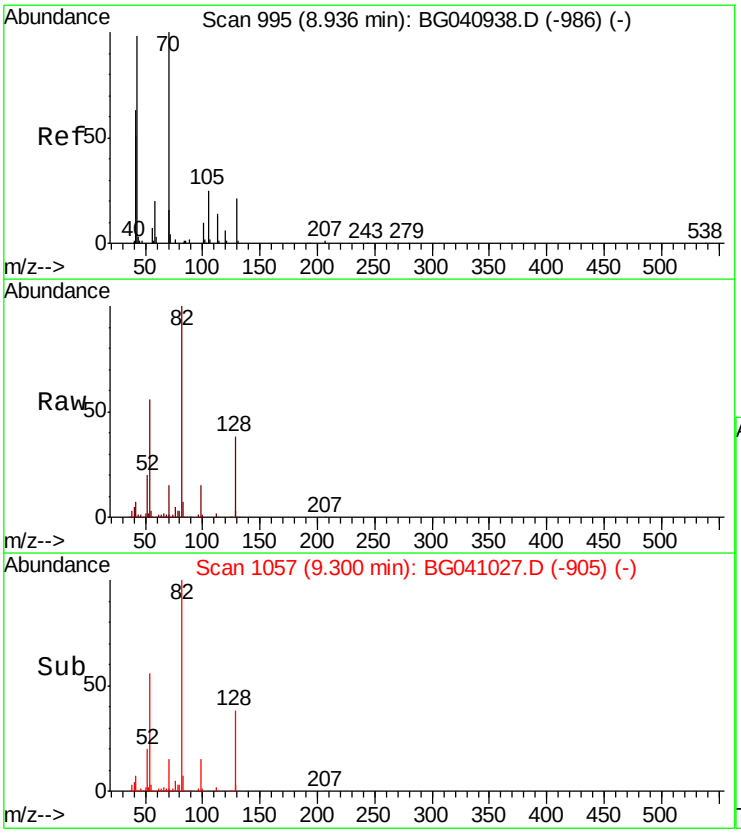
#7
Phenol-d6
Concen: 130.095 ng
RT: 7.26 min Scan# 710
Delta R.T. -0.01 min
Lab File: BG041027.D
Acq: 3 Jun 2019 10:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 647084

Ion	Ratio	Lower	Upper
99	100		
42	24.6	17.9	26.9
71	45.6	35.4	53.0

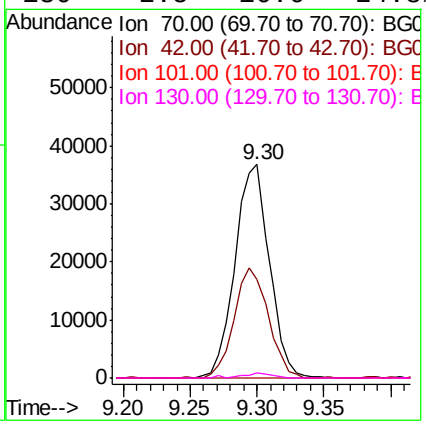


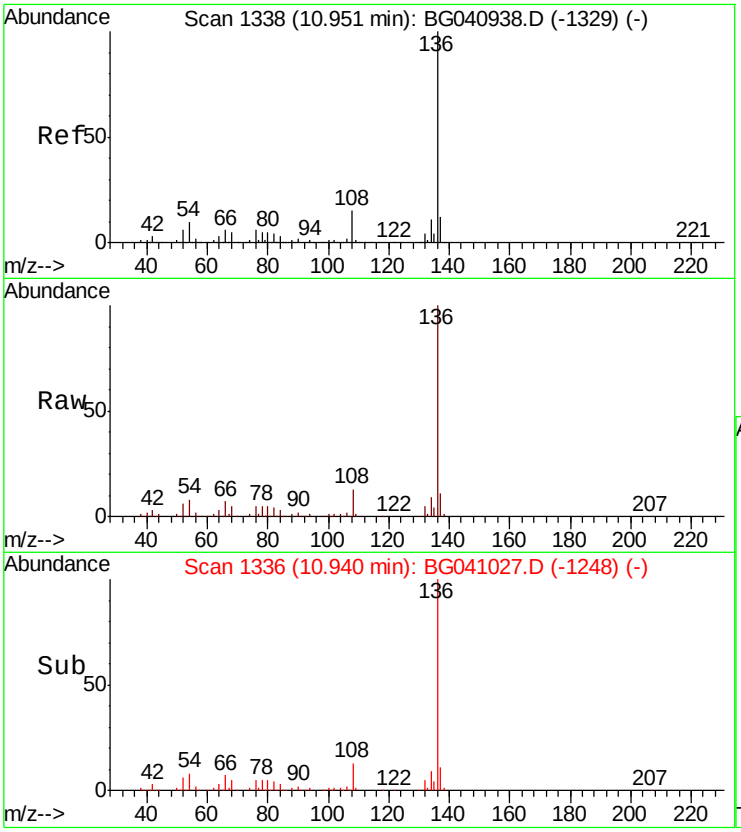


#19
n-Nitroso-di-n-propylamine
Concen: 17.134 ng
RT: 9.30 min Scan# 1057
Delta R.T. 0.36 min
Lab File: BG041027.D
Acq: 3 Jun 2019 10:33

Tgt Ion: 70 Resp: 65583

Ion	Ratio	Lower	Upper
70	100		
42	46.4	51.5	77.3#
101	0.0	8.1	12.1#
130	2.5	16.6	24.8#



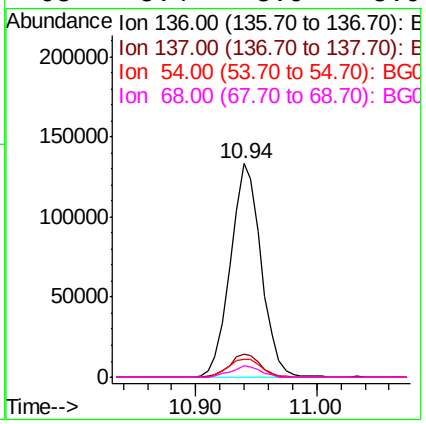


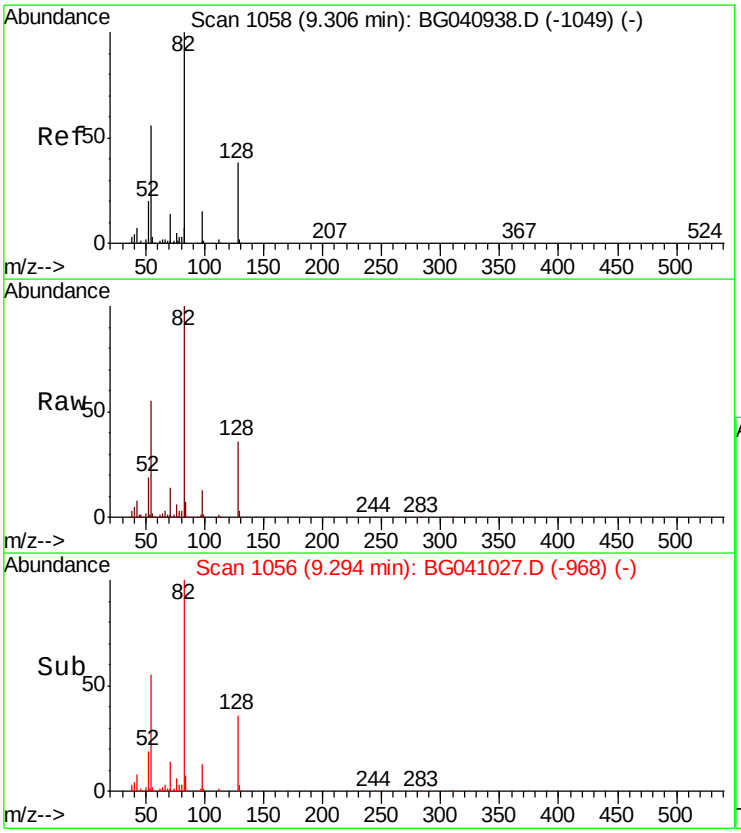
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BG041027.D
Acq: 3 Jun 2019 10:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 235075

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.5	14.3
54	8.2	7.6	11.4
68	5.4	3.9	5.9

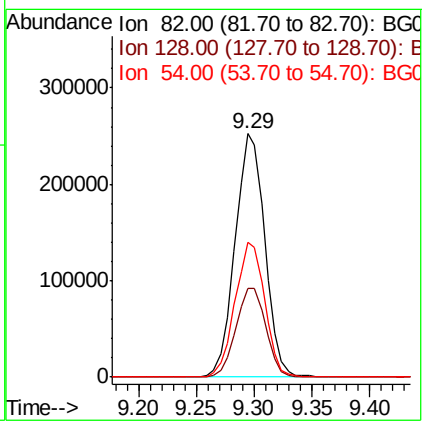


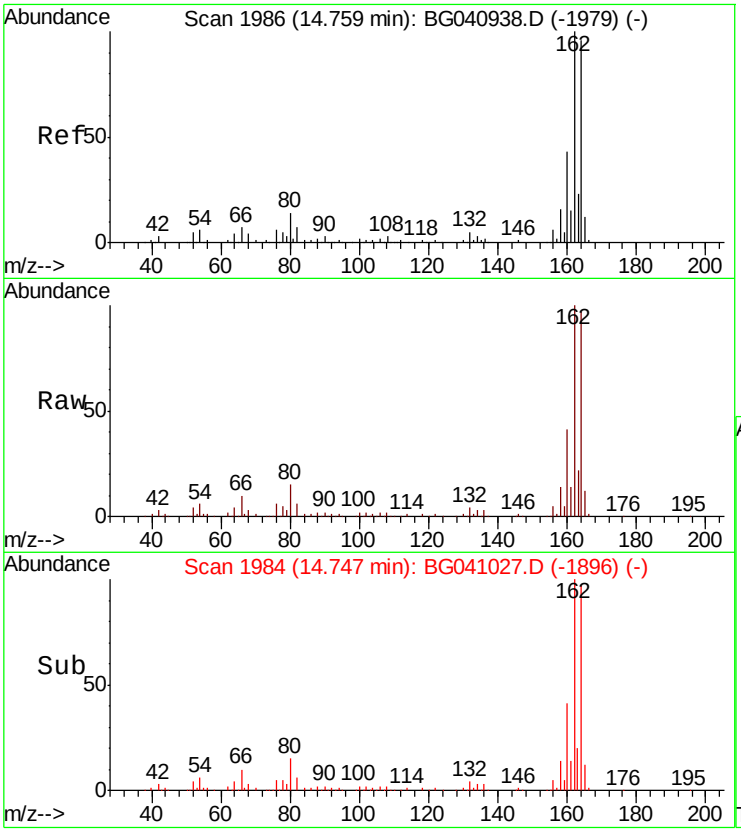


#23
Nitrobenzene-d5
Concen: 85.140 ng
RT: 9.29 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BG041027.D
Acq: 3 Jun 2019 10:33

Tgt Ion: 82 Resp: 450835

Ion	Ratio	Lower	Upper
82	100		
128	36.4	30.5	45.7
54	55.2	44.6	66.8



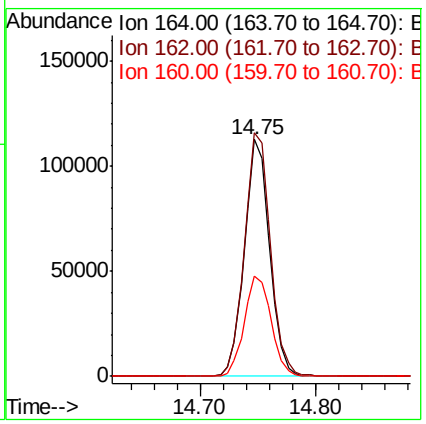


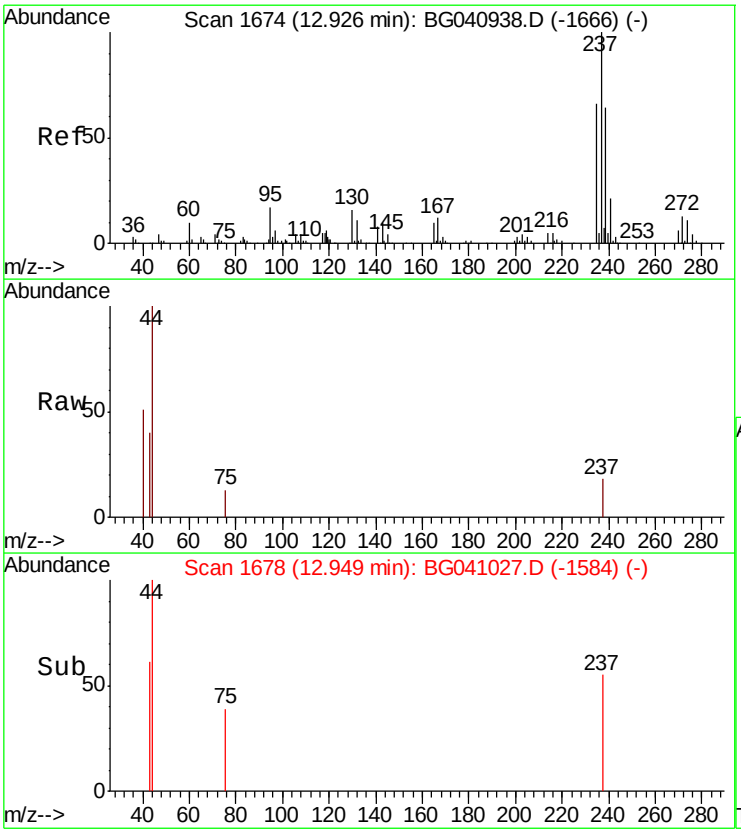
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BG041027.D
Acq: 3 Jun 2019 10:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 170280

Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.0	124.4
160	42.6	35.6	53.4

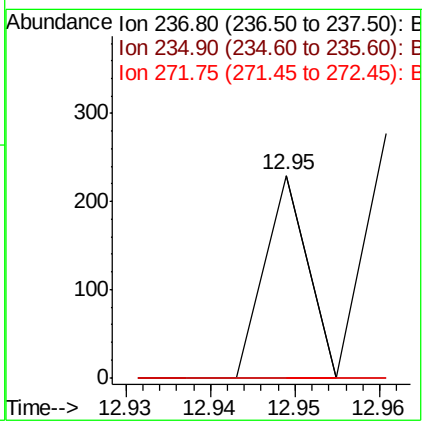


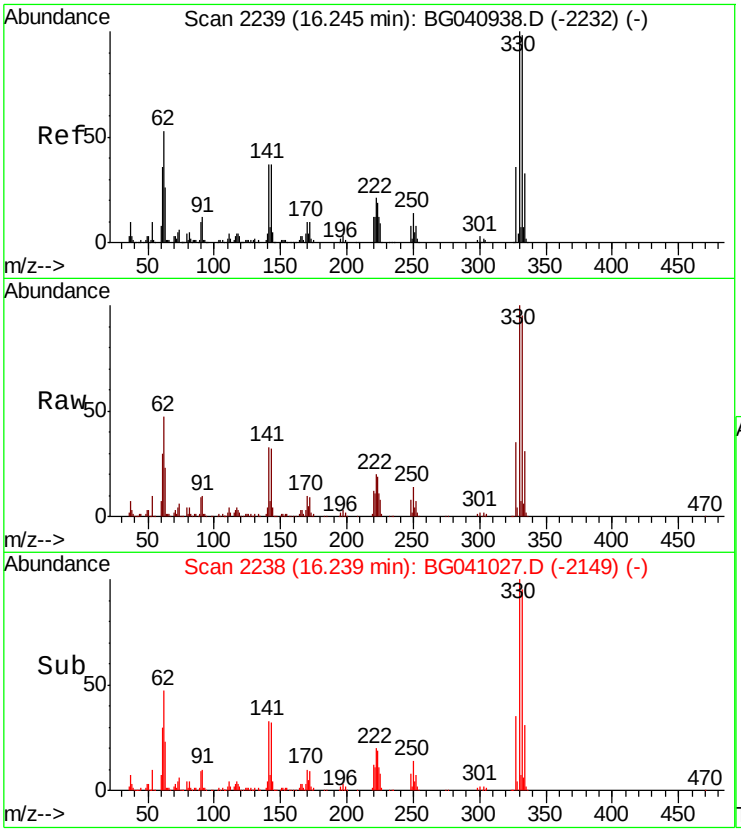


#41
Hexachlorocyclopentadiene
Concen: 8.255 ng
RT: 12.95 min Scan# 1678
Delta R.T. 0.02 min
Lab File: BG041027.D
Acq: 3 Jun 2019 10:33

Tgt Ion:237 Resp: 81

Ion	Ratio	Lower	Upper
237	100		
235	0.0	45.5	85.5#
272	0.0	0.0	32.9



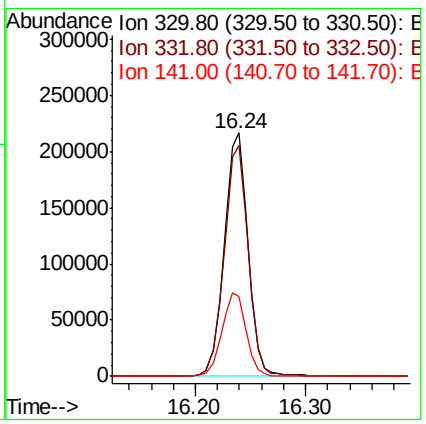


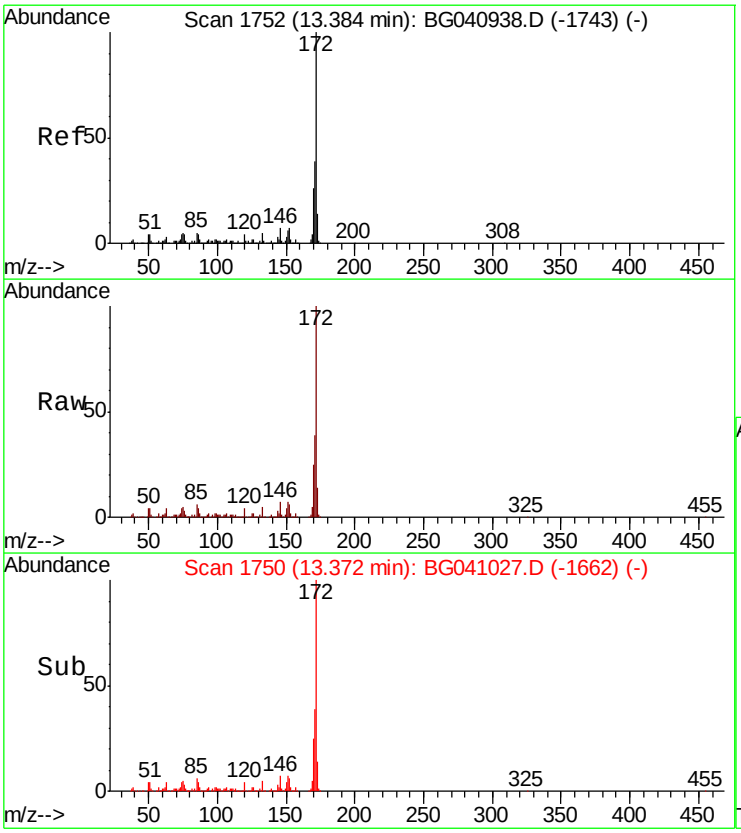
#42
2,4,6-Tribromophenol
Concen: 128.904 ng
RT: 16.24 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BG041027.D
Acq: 3 Jun 2019 10:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 325859

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.5	117.7
141	35.2	28.7	43.1

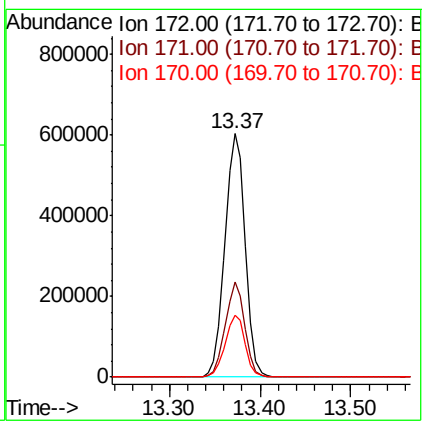


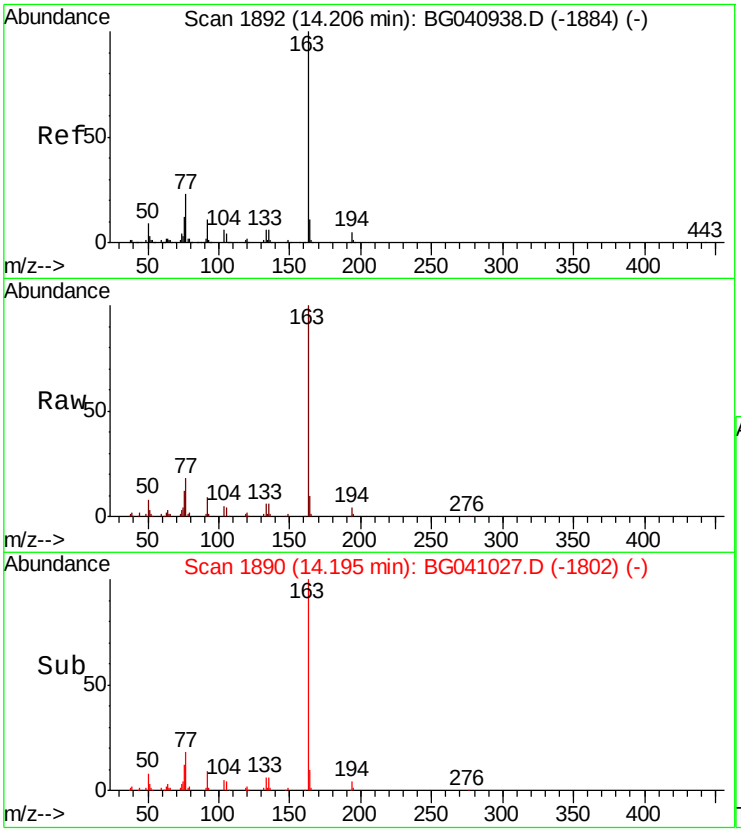


#45
2-Fluorobiphenyl
Concen: 78.917 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG041027.D
Acq: 3 Jun 2019 10:33

Tgt Ion:172 Resp: 933122

Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.1	46.7
170	25.2	20.5	30.7



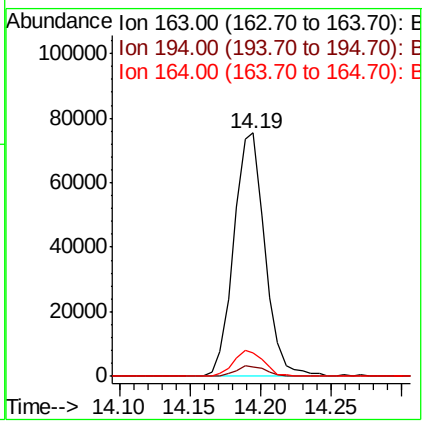


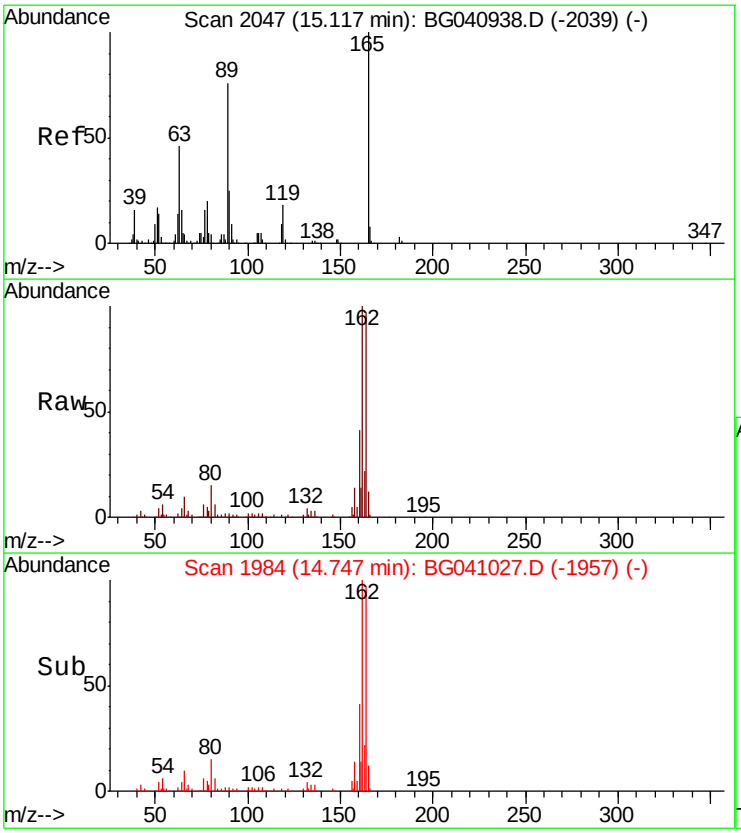
#50
Dimethylphthalate
Concen: 8.018 ng
RT: 14.19 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG041027.D
Acq: 3 Jun 2019 10:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 115569

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.8	5.8#
164	9.7	8.7	13.1

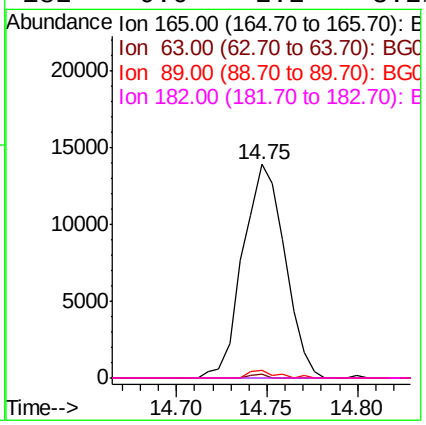


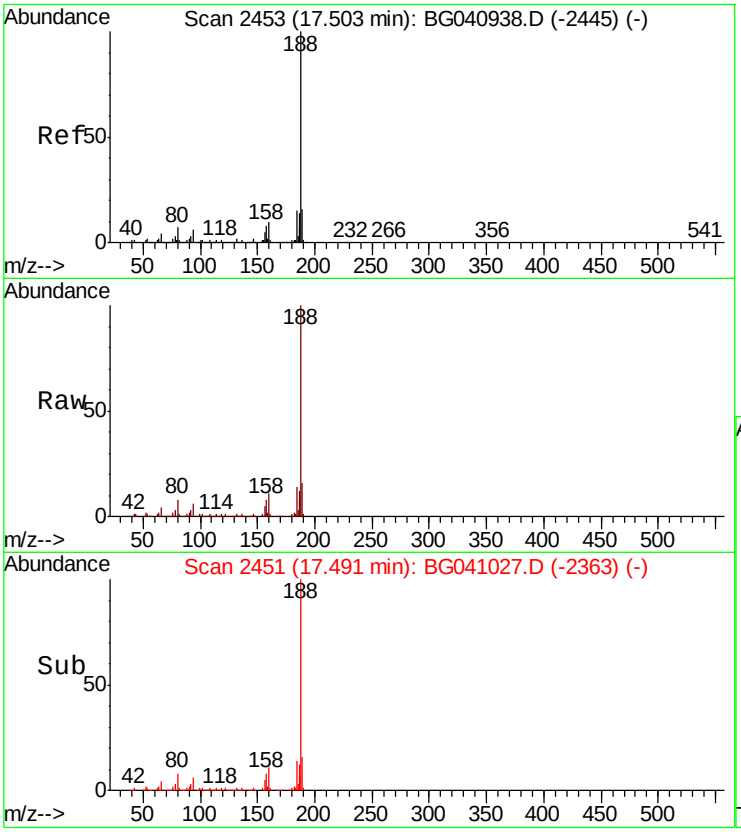


#57
2,4-Dinitrotoluene
Concen: 5.094 ng
RT: 14.75 min Scan# 1984
Delta R.T. -0.37 min
Lab File: BG041027.D
Acq: 3 Jun 2019 10:33

Tgt Ion:165 Resp: 22363

Ion	Ratio	Lower	Upper
165	100		
63	1.6	37.3	55.9#
89	3.3	61.0	91.6#
182	0.0	2.2	3.2#



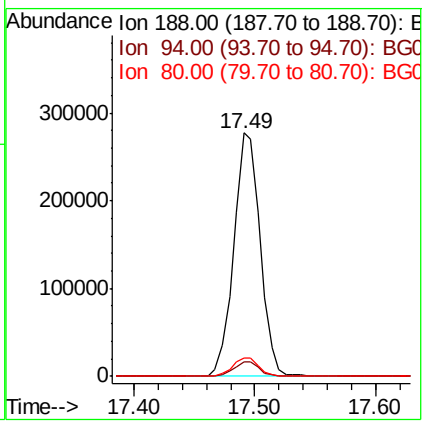


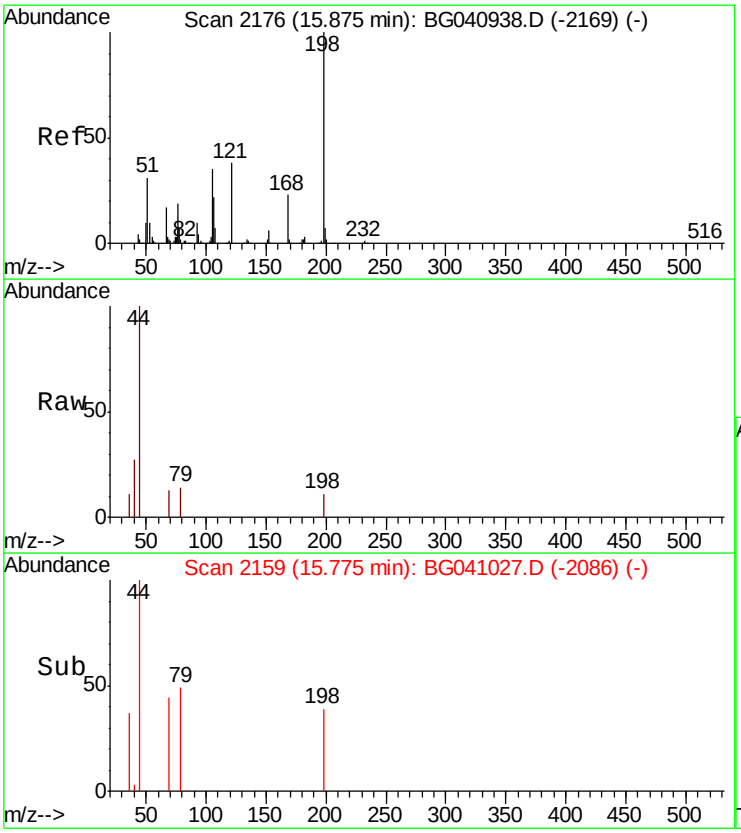
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BG041027.D
Acq: 3 Jun 2019 10:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 421259

Ion	Ratio	Lower	Upper
188	100		
94	6.0	4.7	7.1
80	7.5	5.8	8.8

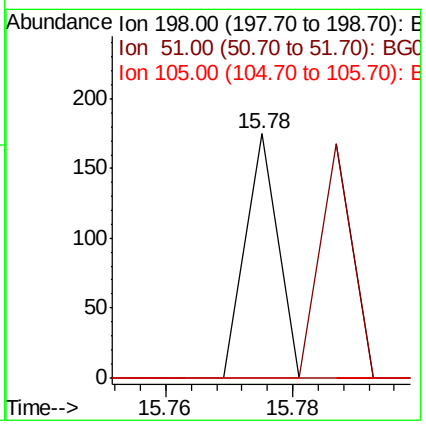


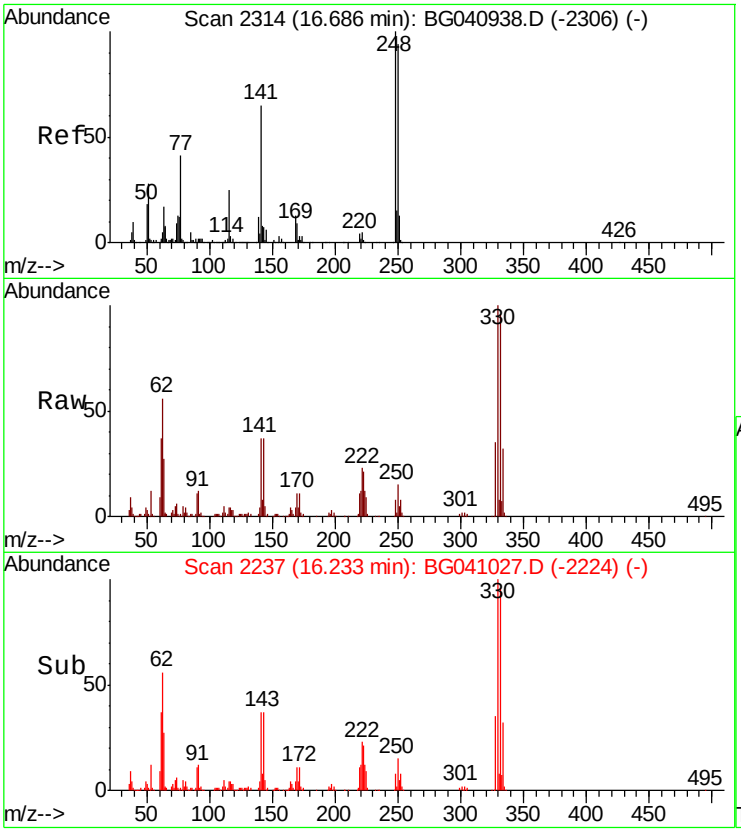


#65
4,6-Dinitro-2-methylphenol
Concen: 8.612 ng
RT: 15.78 min Scan# 2159
Delta R.T. -0.10 min
Lab File: BG041027.D
Acq: 3 Jun 2019 10:33

Tgt Ion:198 Resp: 62

Ion	Ratio	Lower	Upper
198	100		
51	0.0	21.6	61.6#
105	0.0	17.5	57.5#



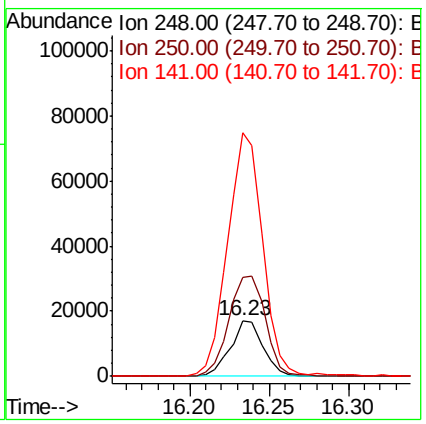


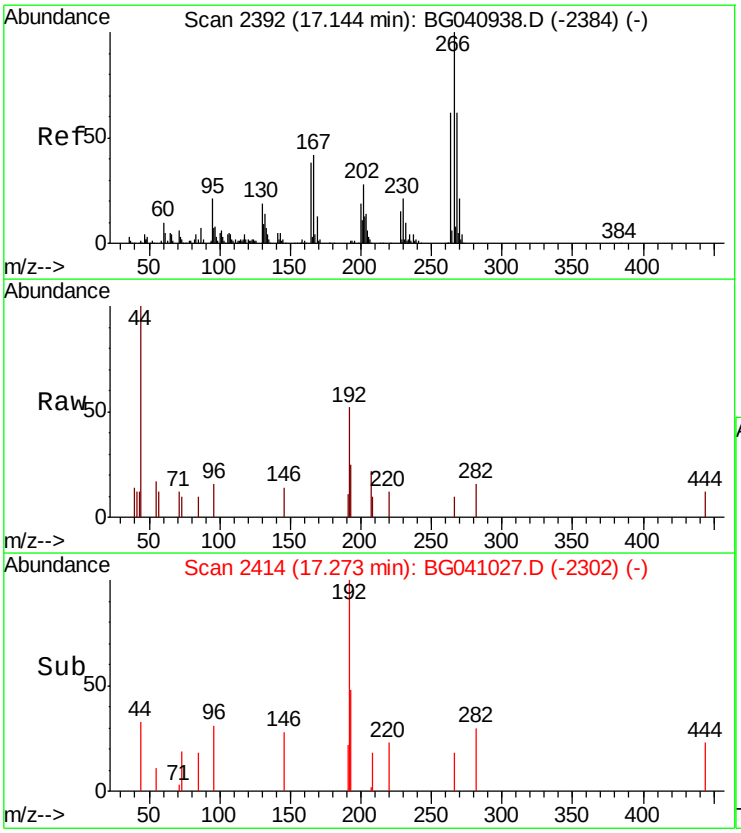
#67
4-Bromophenyl-phenylether
Concen: 4.353 ng
RT: 16.23 min Scan# 2237
Delta R.T. -0.45 min
Lab File: BG041027.D
Acq: 3 Jun 2019 10:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 24745

Ion	Ratio	Lower	Upper
248	100		
250	176.2	75.0	112.4#
141	435.4	52.4	78.6#

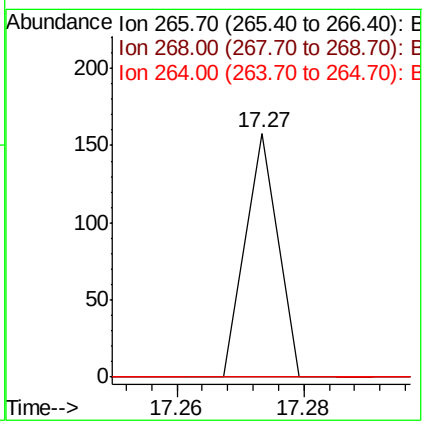


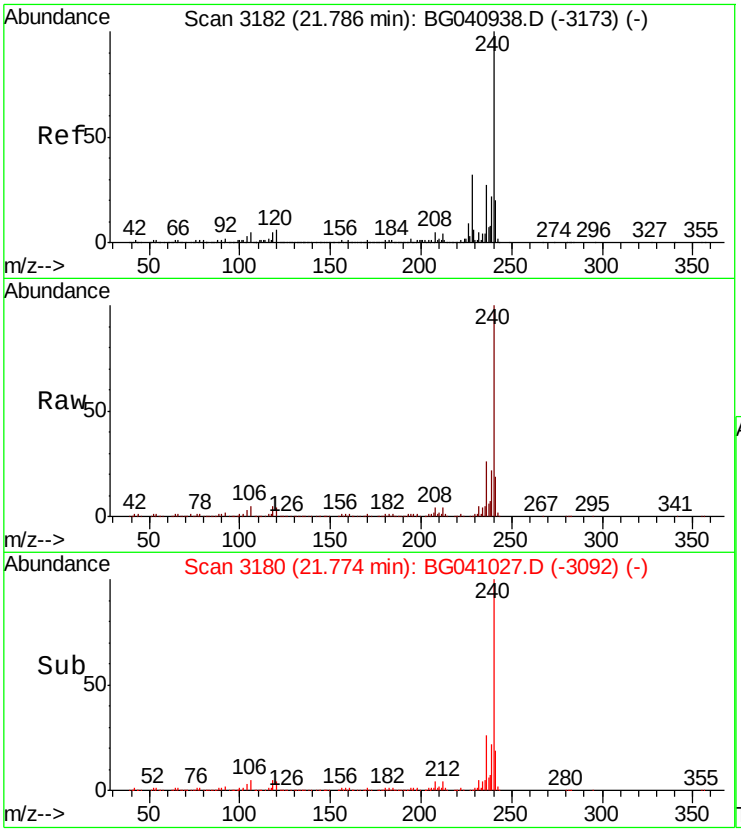


#70
Pentachlorophenol
Concen: 4.272 ng
RT: 17.27 min Scan# 2414
Delta R.T. 0.13 min
Lab File: BG041027.D
Acq: 3 Jun 2019 10:33

Tgt Ion:266 Resp: 56

Ion	Ratio	Lower	Upper
266	100		
268	0.0	53.1	79.7#
264	0.0	49.9	74.9#



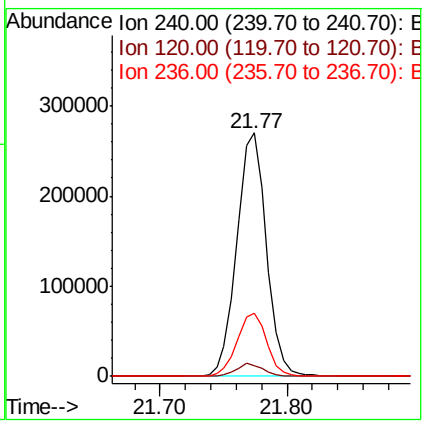


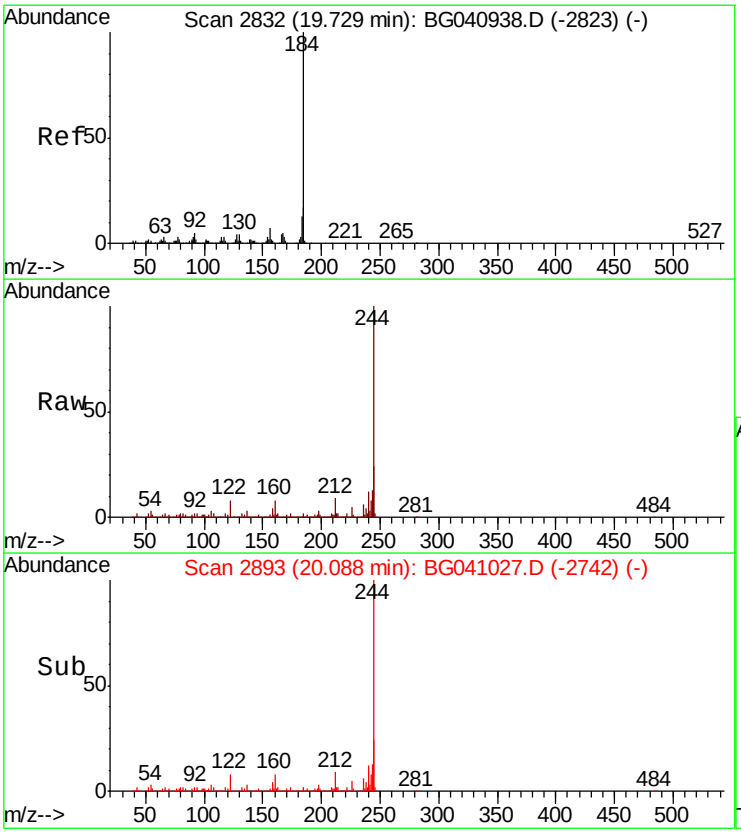
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3180
Delta R.T. -0.01 min
Lab File: BG041027.D
Acq: 3 Jun 2019 10:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 436525

Ion	Ratio	Lower	Upper
240	100		
120	4.4	4.5	6.7#
236	25.8	21.3	31.9

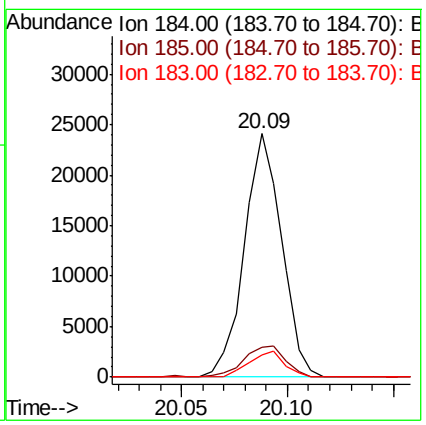


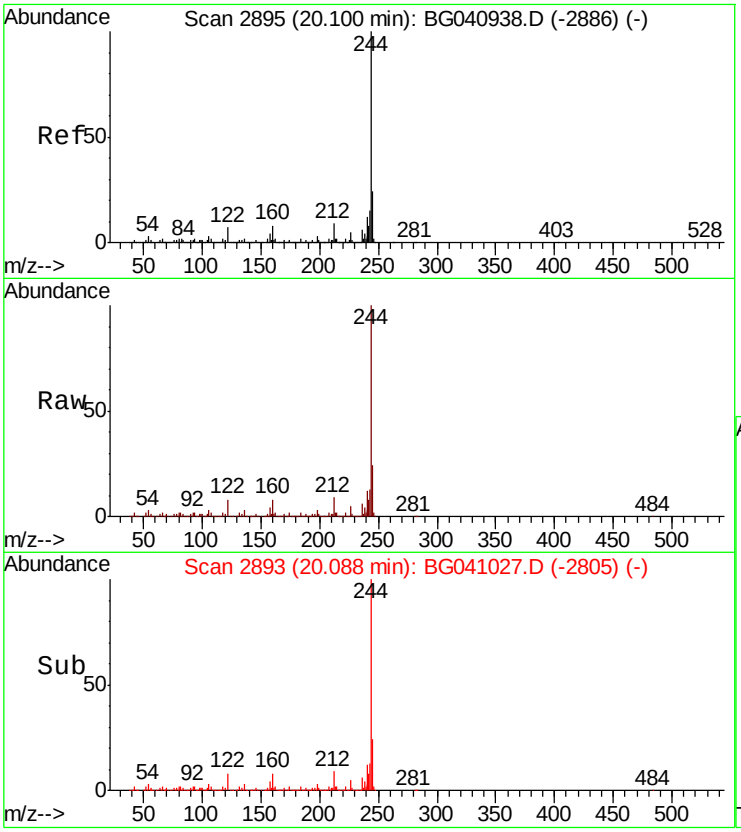


#77
Benzidine
Concen: 2.836 ng
RT: 20.09 min Scan# 2893
Delta R.T. 0.36 min
Lab File: BG041027.D
Acq: 3 Jun 2019 10:33

Tgt Ion:184 Resp: 29529

Ion	Ratio	Lower	Upper
184	100		
185	12.2	13.3	19.9#
183	9.3	10.7	16.1#



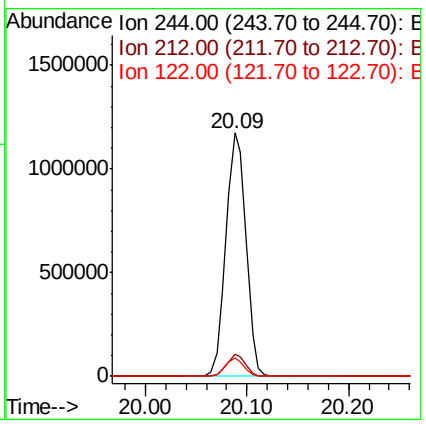


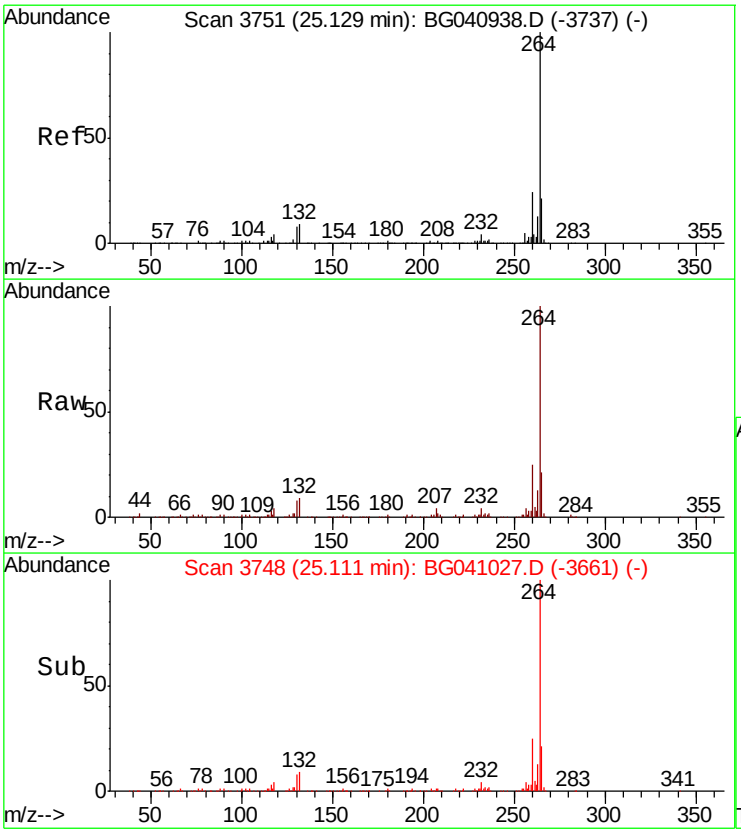
#79
Terphenyl-d14
Concen: 78.574 ng
RT: 20.09 min Scan# 2893
Delta R.T. -0.01 min
Lab File: BG041027.D
Acq: 3 Jun 2019 10:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1616111

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.4
122	7.7	5.4	8.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3748
Delta R.T. -0.02 min
Lab File: BG041027.D
Acq: 3 Jun 2019 10:33

Tgt Ion:264 Resp: 453935

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.0	28.4
265	21.4	17.0	25.4