Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
Data File : BG041028.D
Acq On : 3 Jun 2019 11:11
Operator : HP/JU
Sample : K3010-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FESB-20(2.5-3)

Quant Time: Jun 03 15:26:00 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	57706	20.00	ng		-0.01
21) Naphthalene-d8	10.94	136	231381	20.00	ng		0.00
39) Acenaphthene-d10	14.75	164	164358	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	416787	20.00	ng		0.00
76) Chrysene-d12	21.77	240	424818	20.00	ng		-0.01
87) Perylene-d12	25.11	264	446967	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	446959	139.67	ng		0.00
7) Phenol-d6	7.27	99	652270	131.98	ng		0.00
23) Nitrobenzene-d5	9.30	82	457512	87.78	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	313852	128.63	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	904139	79.22	ng		0.00
79) Terphenyl-d14	20.09	244	1512863	75.58	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.30	70	65064	17.107	ng	#	78
50) Dimethylphthalate	14.19	163	107962	7.760	ng		99
57) 2,4-Dinitrotoluene	14.74	165	21823	5.150	ng	#	21
65) 4,6-Dinitro-2-methylphenol	16.24	198	1146	9.011	ng	#	1
67) 4-Bromophenyl-phenylether	16.24	248	23354	4.152	ng	#	1
70) Pentachlorophenol	17.28	266	60	4.274	ng	#	18
77) Benzidine	20.09	184	25283	2.495	ng		97

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

Quantitation Report (Not Reviewed)

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Acq On : 3 Jun 2019 11:11
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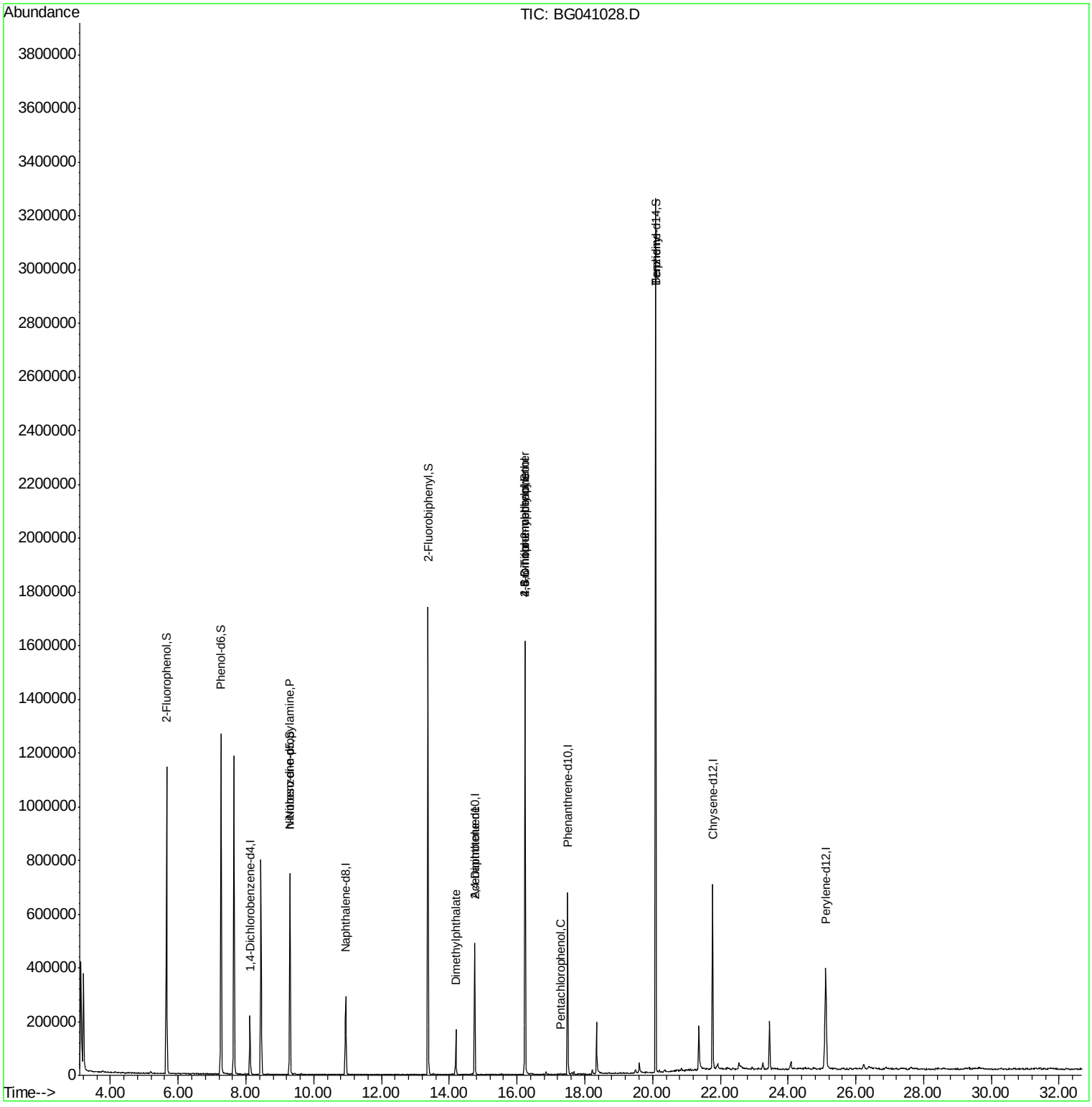
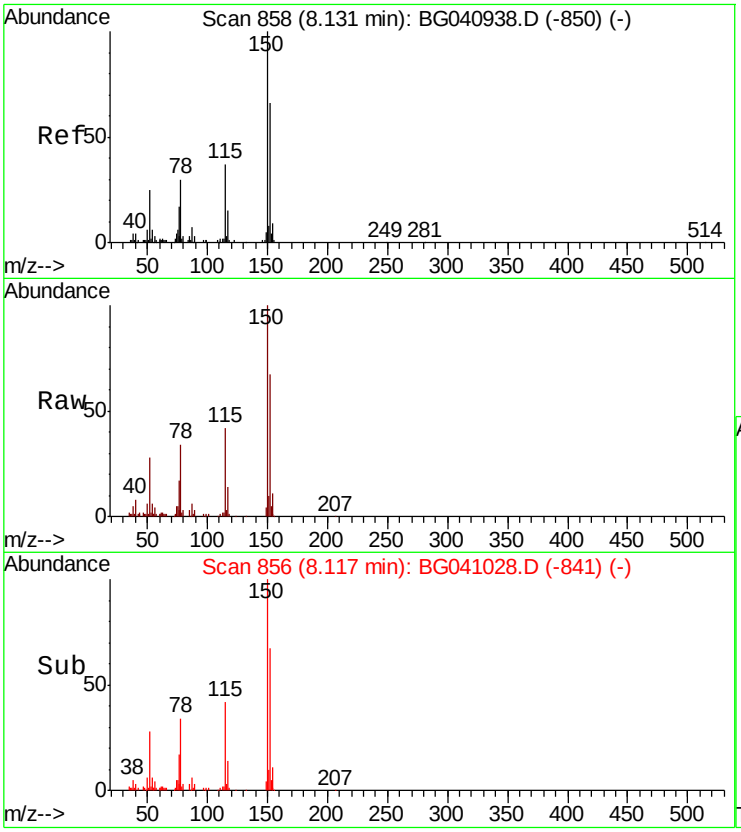
Instrument :
BNA_G
ClientSampleId :
FESB-20(2.5-3)

Quant Time: Jun 03 15:26:00 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



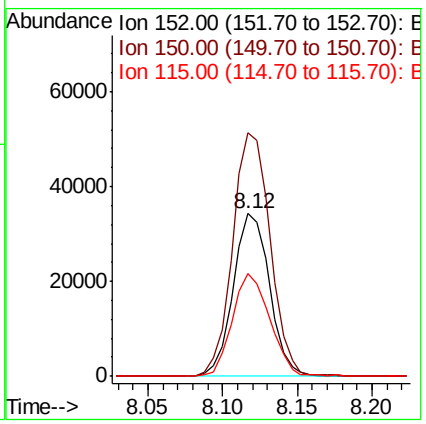


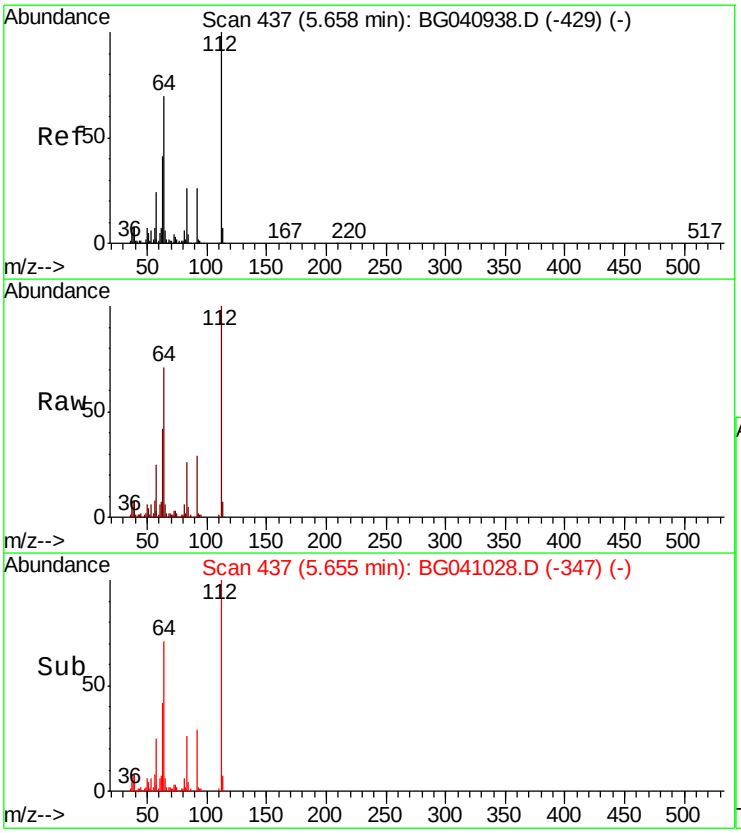
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG041028.D
Acq: 3 Jun 2019 11:11

Instrument :
BNA_G
ClientSampleId :
FESB-20(2.5-3)

Tgt Ion:152 Resp: 57706

Ion	Ratio	Lower	Upper
152	100		
150	149.9	120.6	180.8
115	63.0	45.1	67.7

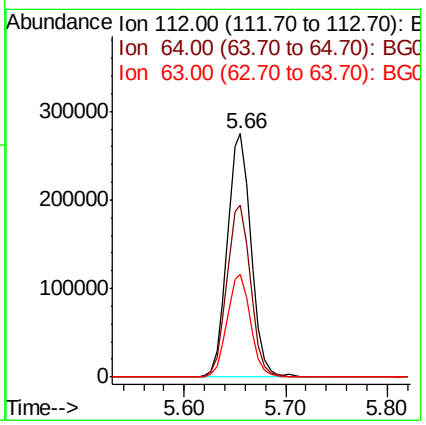


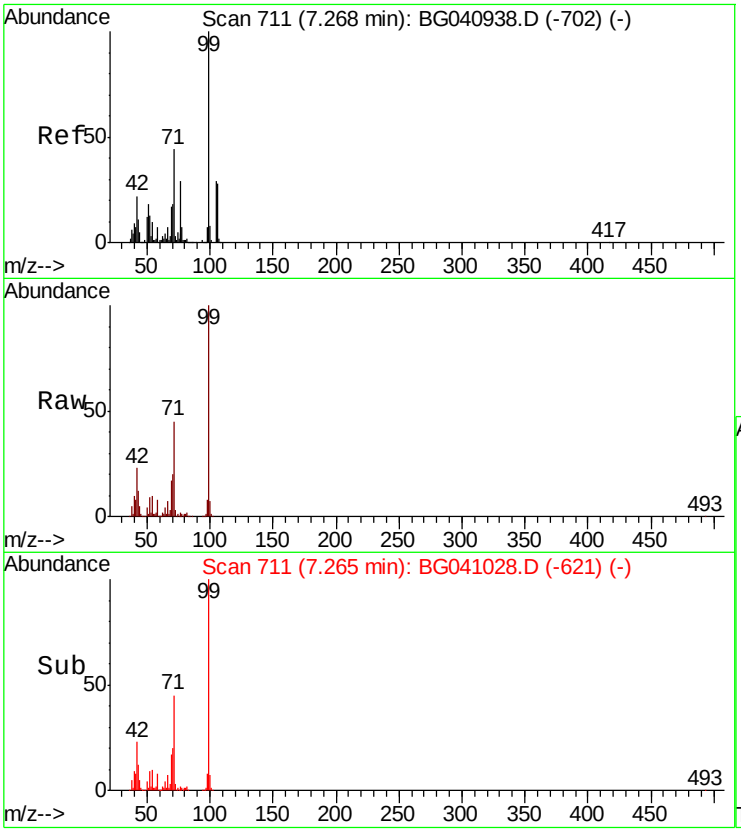


#5
2-Fluorophenol
Concen: 139.667 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG041028.D
Acq: 3 Jun 2019 11:11

Tgt Ion:112 Resp: 446959

Ion	Ratio	Lower	Upper
112	100		
64	70.8	56.2	84.2
63	42.4	32.8	49.2



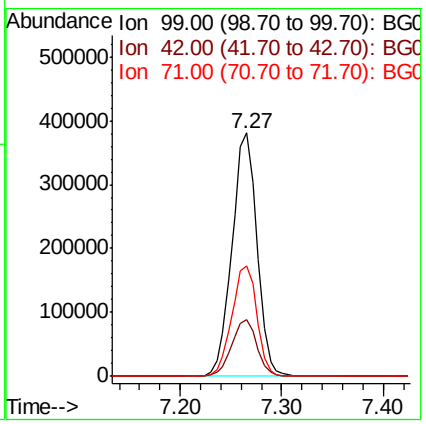


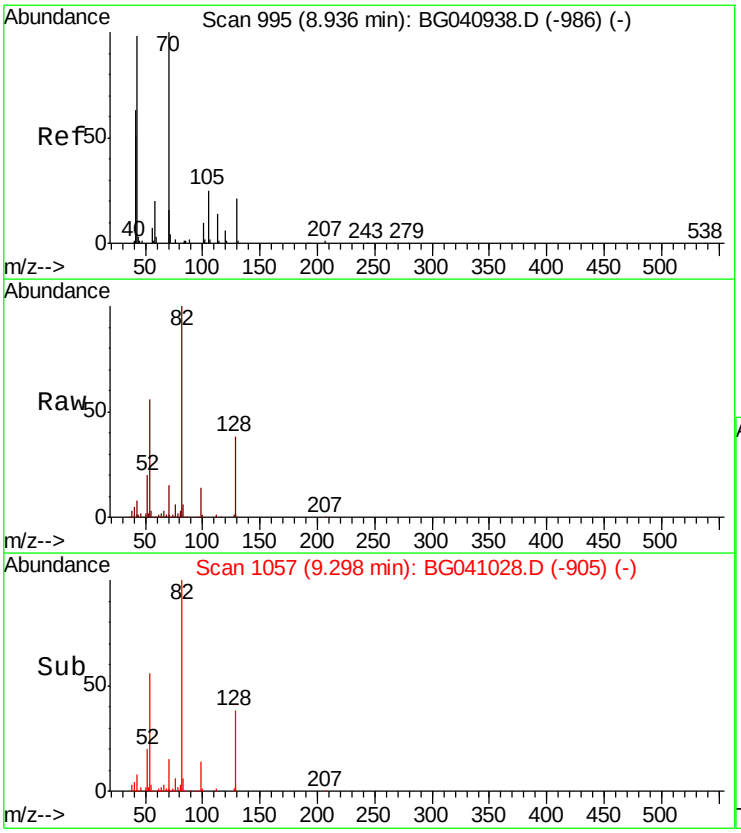
#7
Phenol-d6
Concen: 131.976 ng
RT: 7.27 min Scan# 711
Delta R.T. -0.00 min
Lab File: BG041028.D
Acq: 3 Jun 2019 11:11

Instrument :
BNA_G
ClientSampleId :
FESB-20(2.5-3)

Tgt Ion: 99 Resp: 652270

Ion	Ratio	Lower	Upper
99	100		
42	23.5	17.9	26.9
71	45.5	35.4	53.0

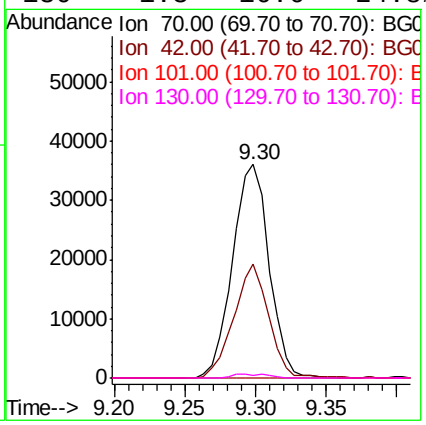


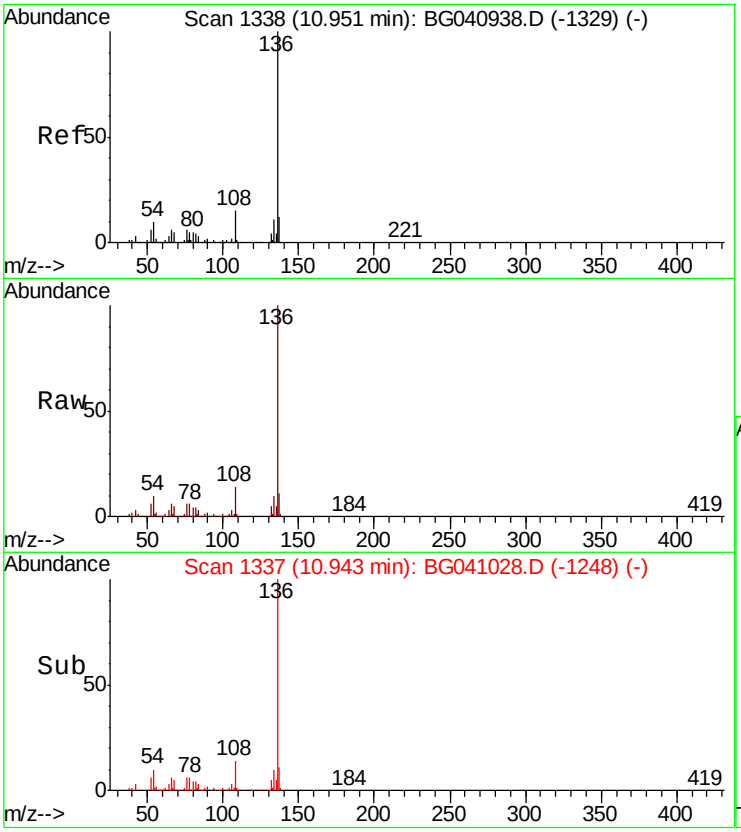


#19
n-Nitroso-di-n-propylamine
Concen: 17.107 ng
RT: 9.30 min Scan# 1057
Delta R.T. 0.36 min
Lab File: BG041028.D
Acq: 3 Jun 2019 11:11

Tgt Ion: 70 Resp: 65064

Ion	Ratio	Lower	Upper
70	100		
42	53.0	51.5	77.3
101	0.0	8.1	12.1#
130	1.3	16.6	24.8#



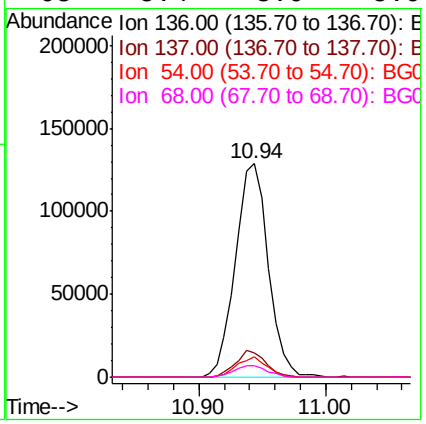


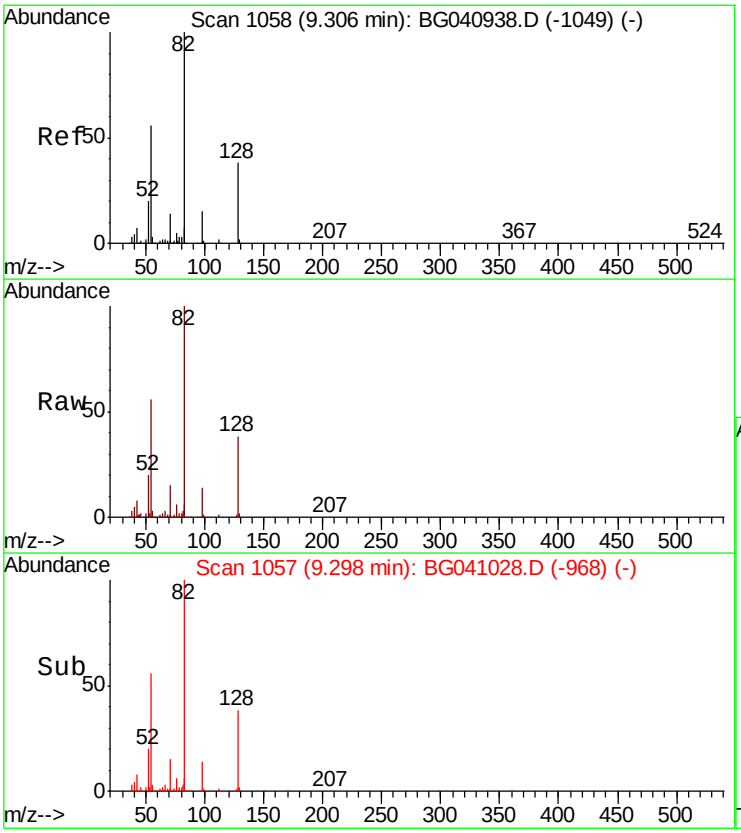
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG041028.D
Acq: 3 Jun 2019 11:11

Instrument :
BNA_G
ClientSampleId :
FESB-20(2.5-3)

Tgt Ion:136 Resp: 231381

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.5	14.3
54	9.6	7.6	11.4
68	5.4	3.9	5.9

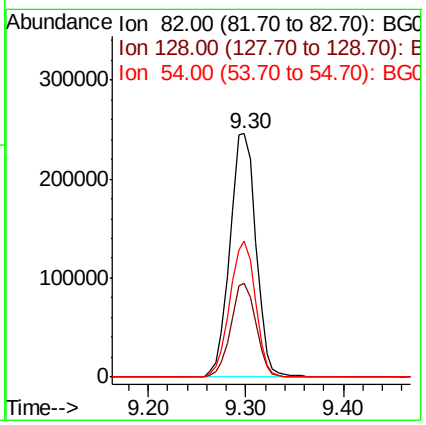


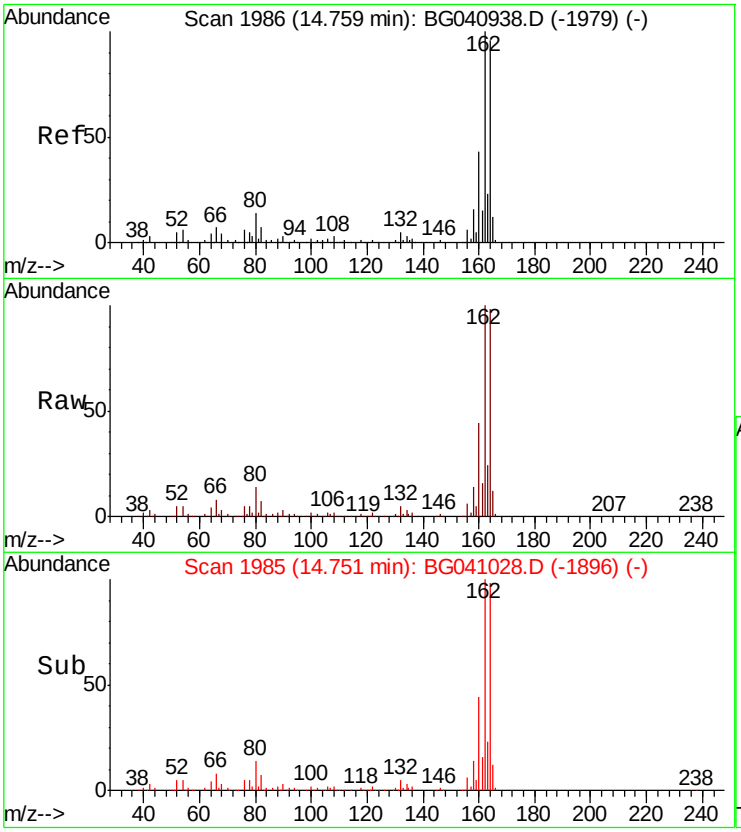


#23
Nitrobenzene-d5
Concen: 87.780 ng
RT: 9.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BG041028.D
Acq: 3 Jun 2019 11:11

Tgt Ion: 82 Resp: 457512

Ion	Ratio	Lower	Upper
82	100		
128	38.4	30.5	45.7
54	55.9	44.6	66.8



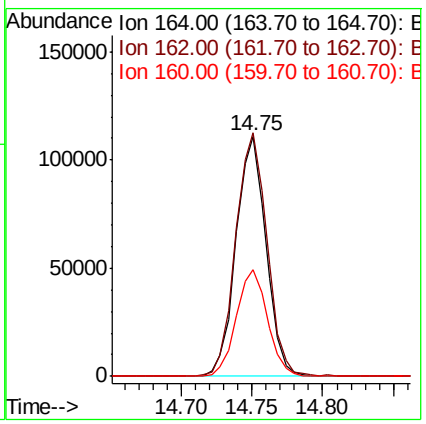


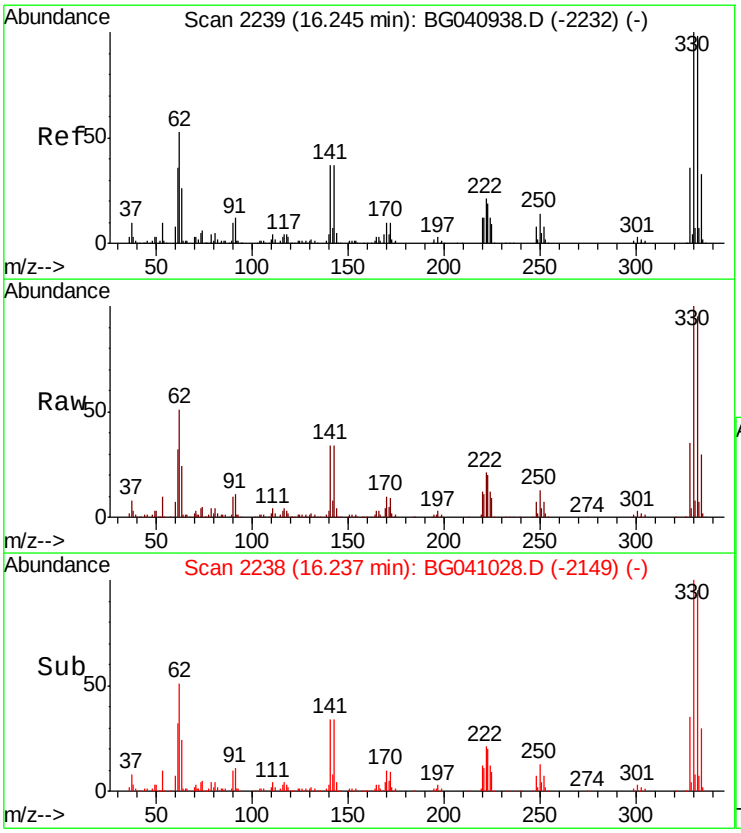
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG041028.D
Acq: 3 Jun 2019 11:11

Instrument :
BNA_G
ClientSampleId :
FESB-20(2.5-3)

Tgt Ion:164 Resp: 164358

Ion	Ratio	Lower	Upper
164	100		
162	101.5	83.0	124.4
160	44.7	35.6	53.4

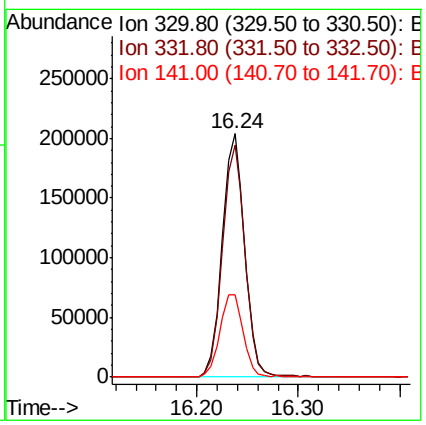


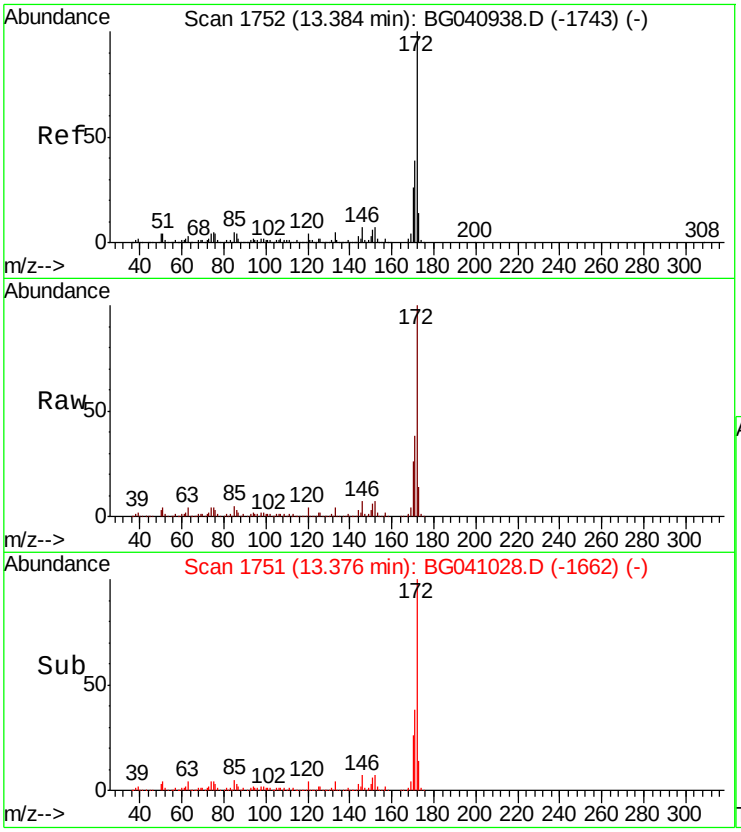


#42
2,4,6-Tribromophenol
Concen: 128.627 ng
RT: 16.24 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BG041028.D
Acq: 3 Jun 2019 11:11

Tgt Ion:330 Resp: 313852

Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.5	117.7
141	35.5	28.7	43.1



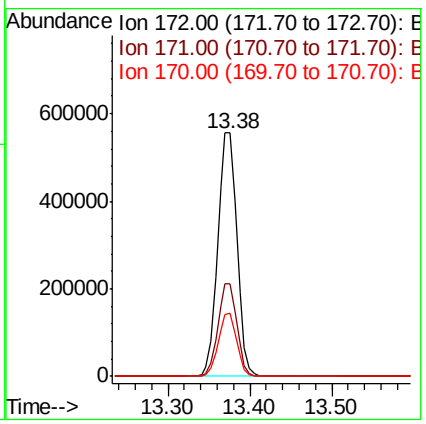


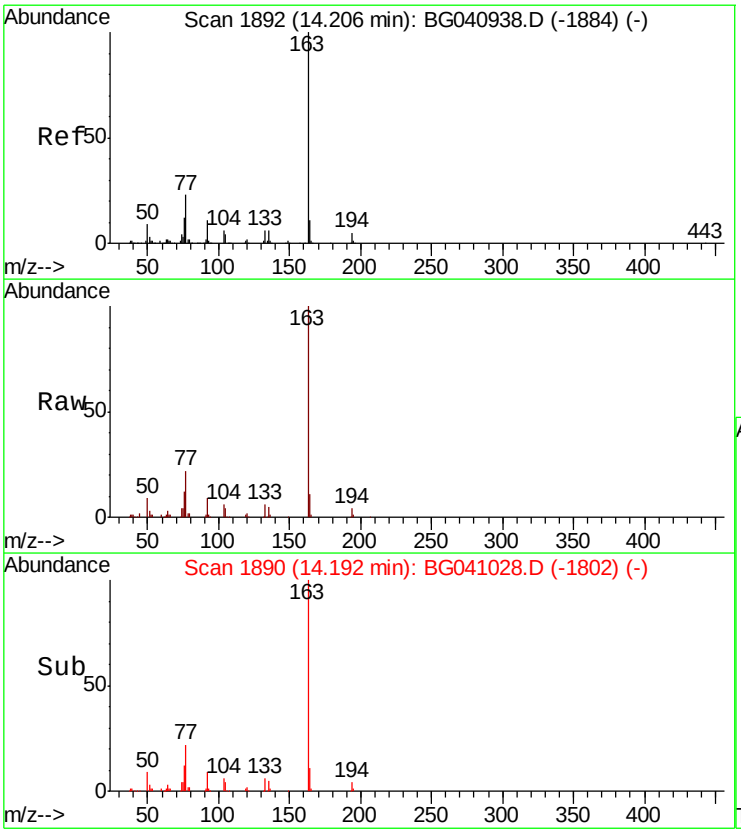
#45
2-Fluorobiphenyl
Concen: 79.221 ng
RT: 13.38 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BG041028.D
Acq: 3 Jun 2019 11:11

Instrument :
BNA_G
ClientSampleId :
FESB-20(2.5-3)

Tgt Ion:172 Resp: 904139

Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.1	46.7
170	25.7	20.5	30.7

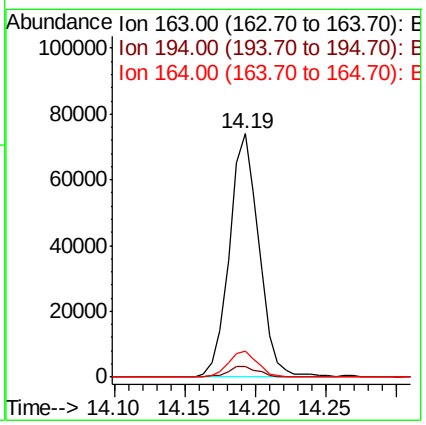


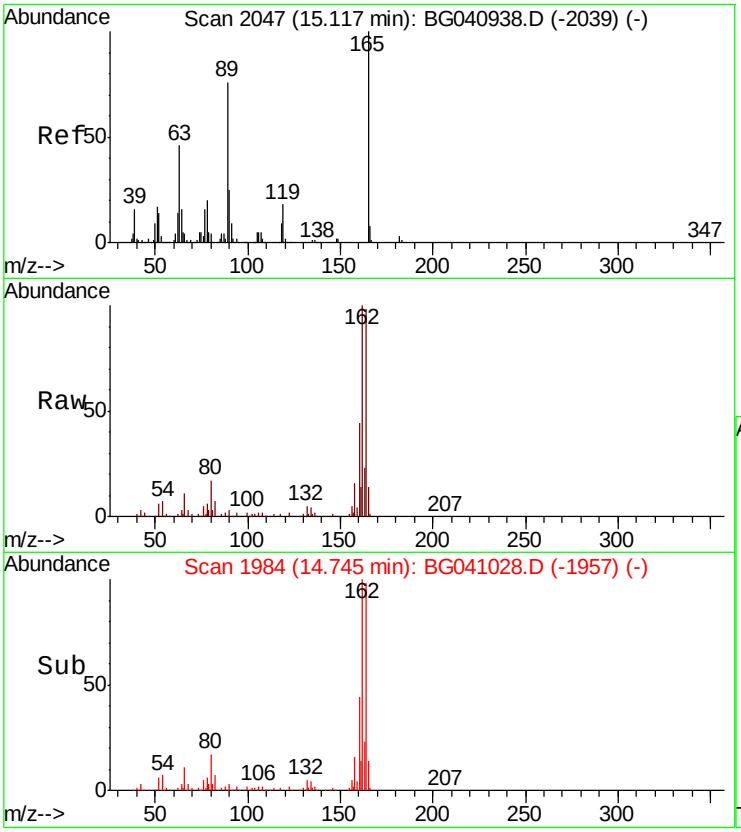


#50
Dimethylphthalate
Concen: 7.760 ng
RT: 14.19 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG041028.D
Acq: 3 Jun 2019 11:11

Tgt Ion:163 Resp: 107962

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.8	5.8
164	10.7	8.7	13.1



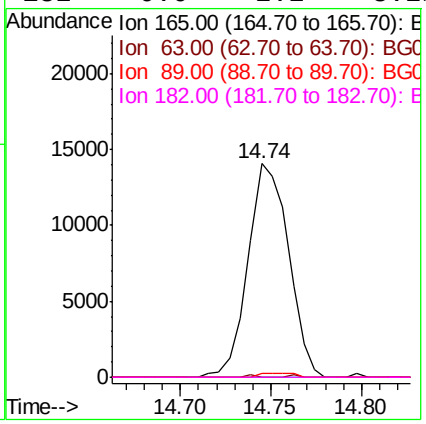


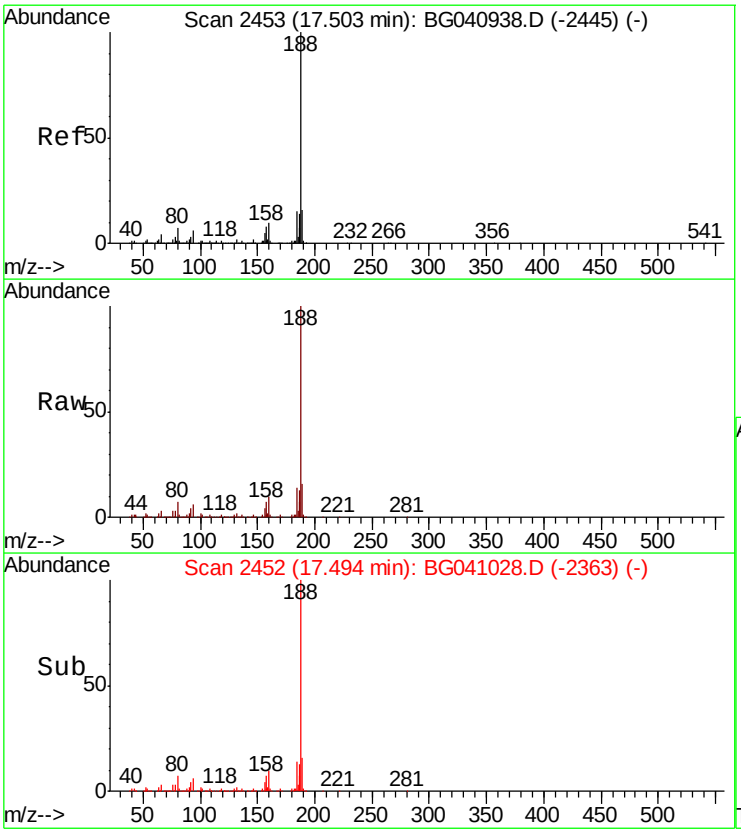
#57
2,4-Dinitrotoluene
Concen: 5.150 ng
RT: 14.74 min Scan# 1984
Delta R.T. -0.37 min
Lab File: BG041028.D
Acq: 3 Jun 2019 11:11

Instrument :
BNA_G
ClientSampleId :
FESB-20(2.5-3)

Tgt Ion:165 Resp: 21823

Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.3	55.9#
89	1.7	61.0	91.6#
182	0.0	2.2	3.2#

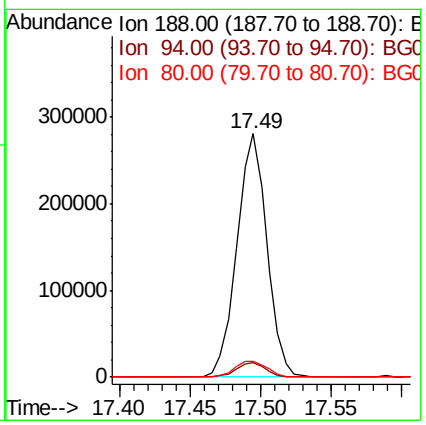


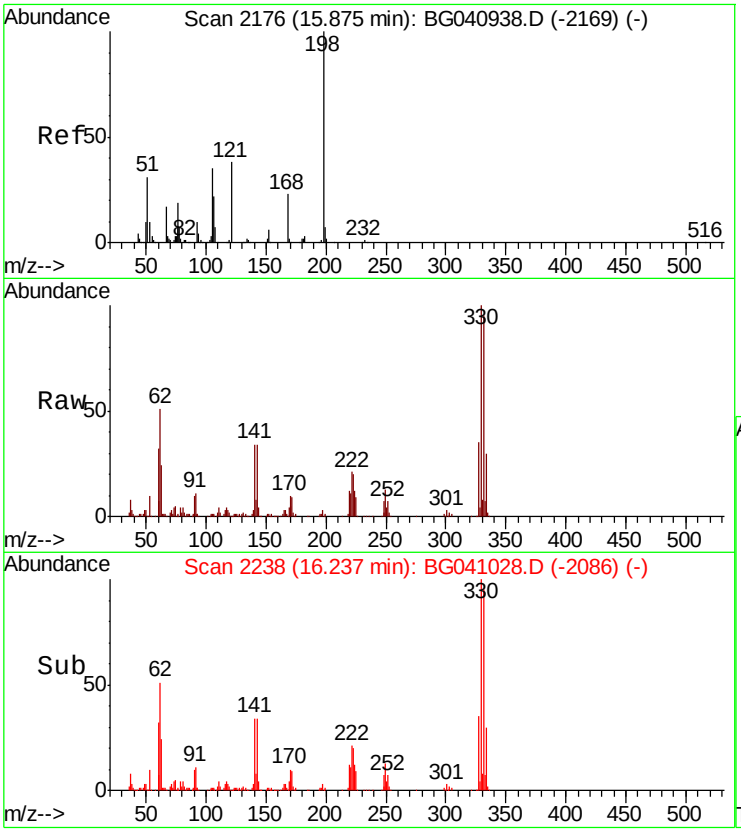


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BG041028.D
Acq: 3 Jun 2019 11:11

Tgt Ion:188 Resp: 416787

Ion	Ratio	Lower	Upper
188	100		
94	6.2	4.7	7.1
80	6.7	5.8	8.8



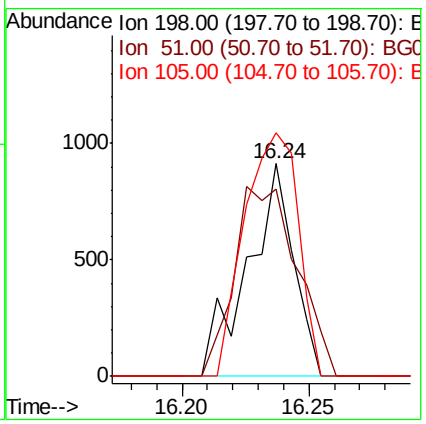


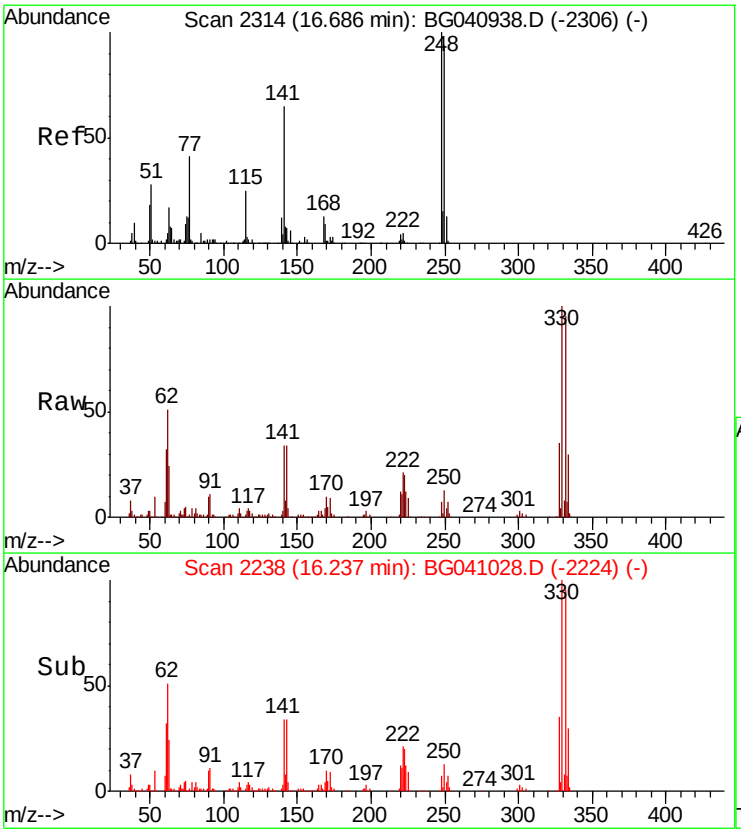
#65
4,6-Dinitro-2-methylphenol
Concen: 9.011 ng
RT: 16.24 min Scan# 2238
Delta R.T. 0.36 min
Lab File: BG041028.D
Acq: 3 Jun 2019 11:11

Instrument :
BNA_G
ClientSampleId :
FESB-20(2.5-3)

Tgt Ion:198 Resp: 1146

Ion	Ratio	Lower	Upper
198	100		
51	88.4	21.6	61.6#
105	114.7	17.5	57.5#

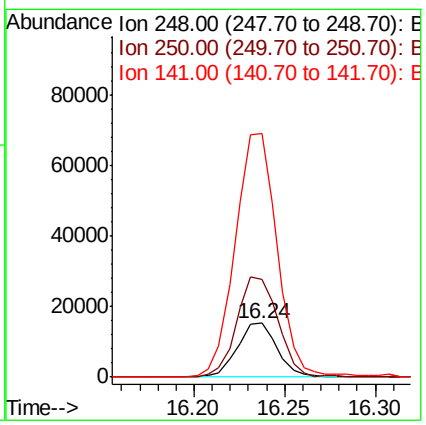


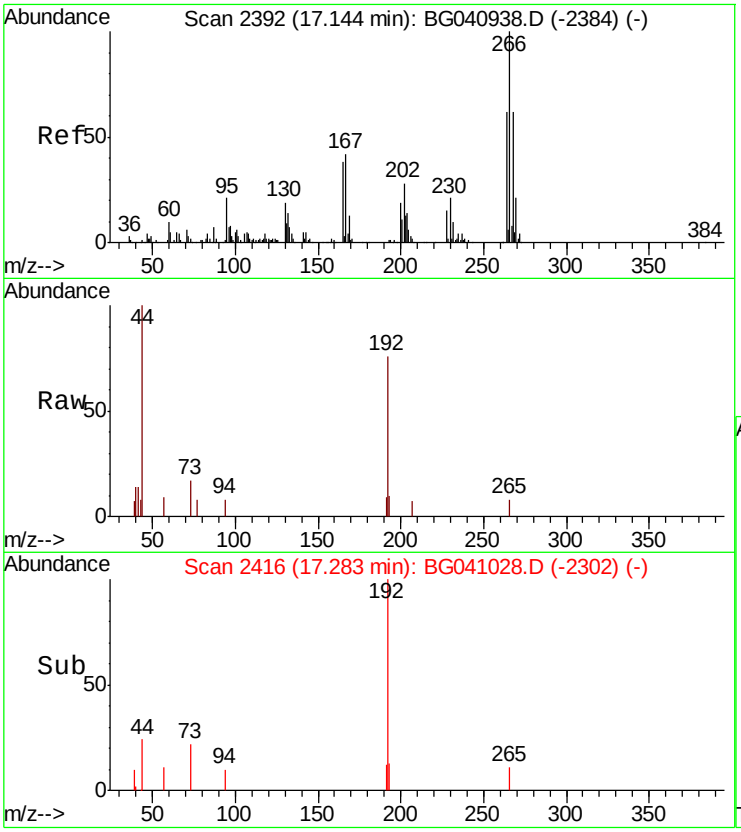


#67
4-Bromophenyl-phenylether
Concen: 4.152 ng
RT: 16.24 min Scan# 2238
Delta R.T. -0.45 min
Lab File: BG041028.D
Acq: 3 Jun 2019 11:11

Tgt Ion:248 Resp: 23354

Ion	Ratio	Lower	Upper
248	100		
250	180.9	75.0	112.4#
141	453.4	52.4	78.6#



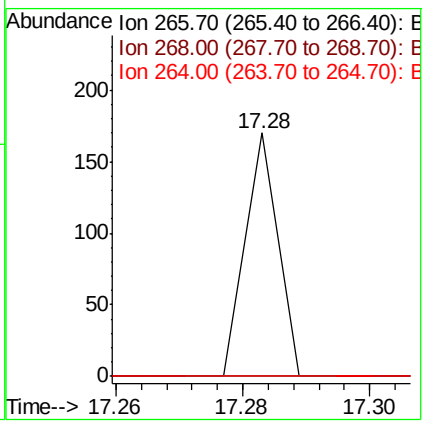


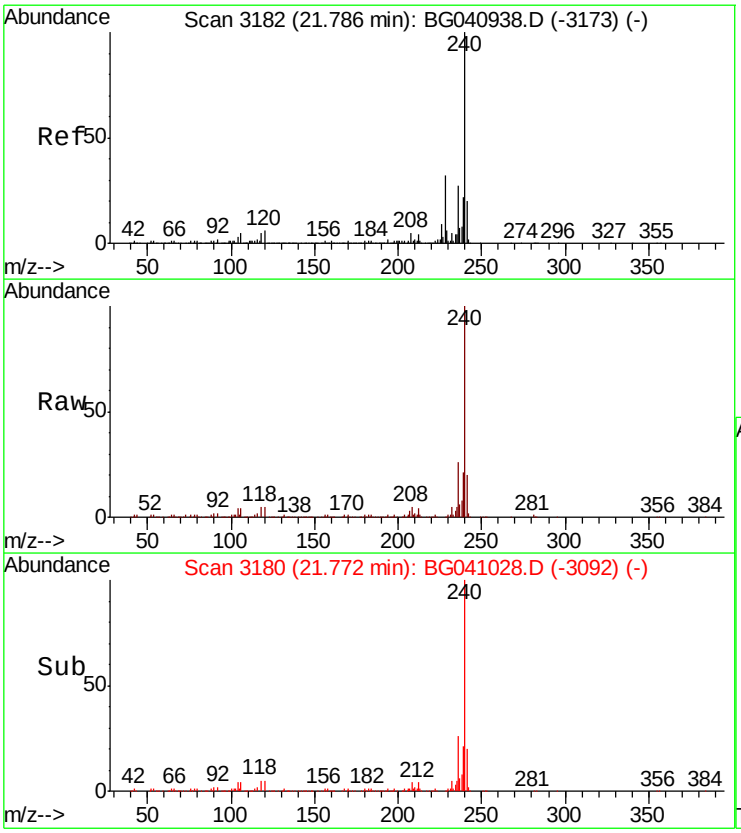
#70
Pentachlorophenol
Concen: 4.274 ng
RT: 17.28 min Scan# 2416
Delta R.T. 0.14 min
Lab File: BG041028.D
Acq: 3 Jun 2019 11:11

Instrument :
BNA_G
ClientSampleId :
FESB-20(2.5-3)

Tgt Ion:266 Resp: 60

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

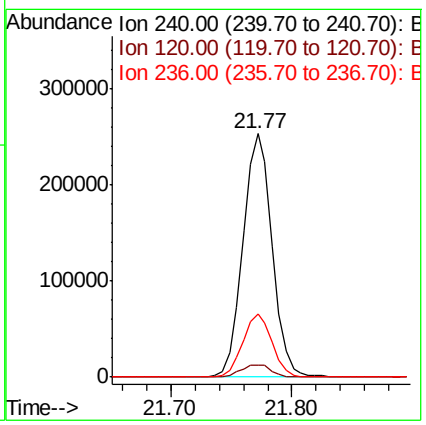


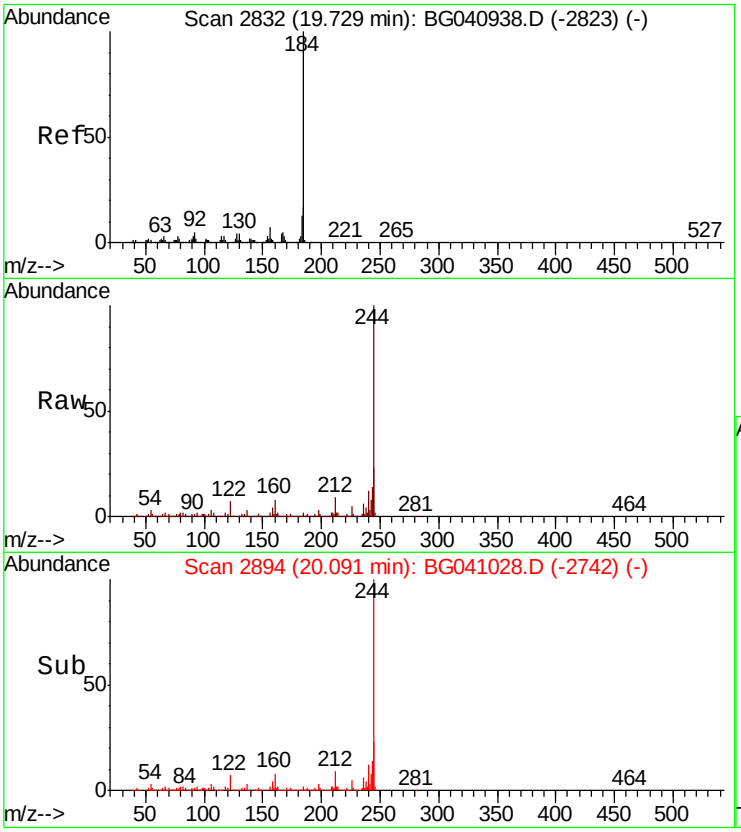


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3180
Delta R.T. -0.01 min
Lab File: BG041028.D
Acq: 3 Jun 2019 11:11

Tgt Ion:240 Resp: 424818

Ion	Ratio	Lower	Upper
240	100		
120	5.0	4.5	6.7
236	26.0	21.3	31.9



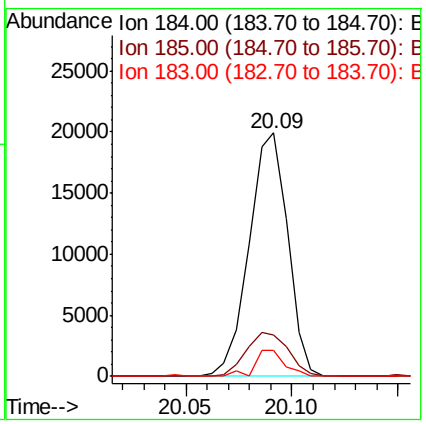


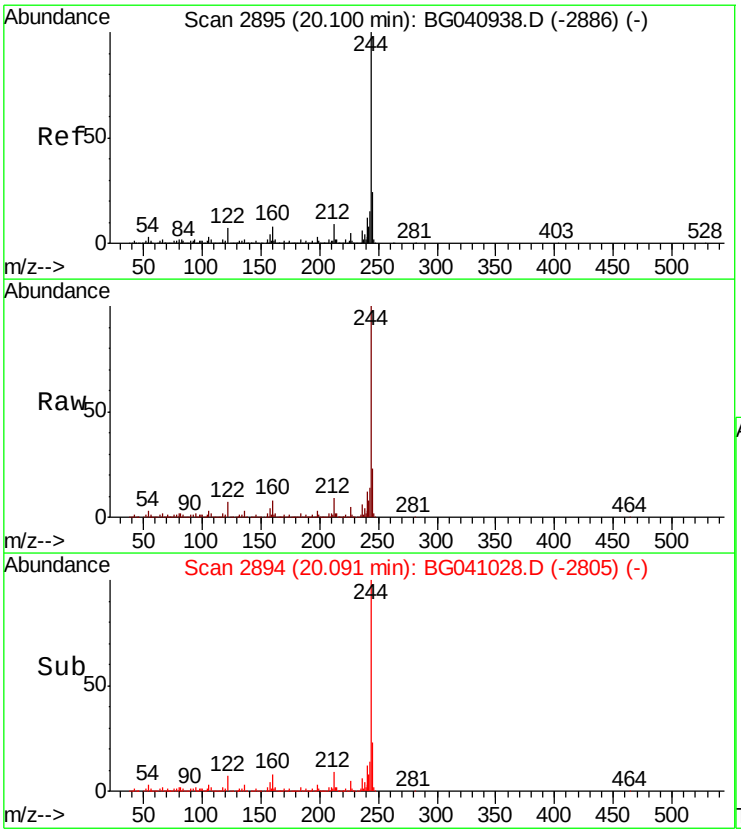
#77
Benzidine
Concen: 2.495 ng
RT: 20.09 min Scan# 2894
Delta R.T. 0.36 min
Lab File: BG041028.D
Acq: 3 Jun 2019 11:11

Instrument :
BNA_G
ClientSampleId :
FESB-20(2.5-3)

Tgt Ion:184 Resp: 25283

Ion	Ratio	Lower	Upper
184	100		
185	16.9	13.3	19.9
183	10.9	10.7	16.1

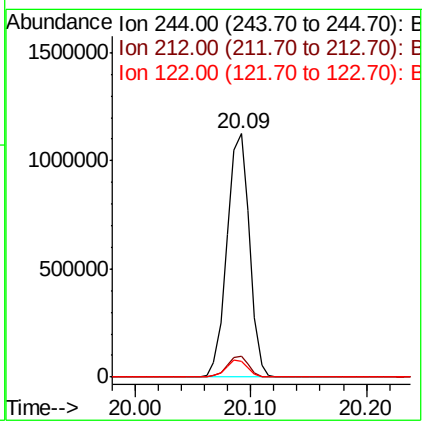


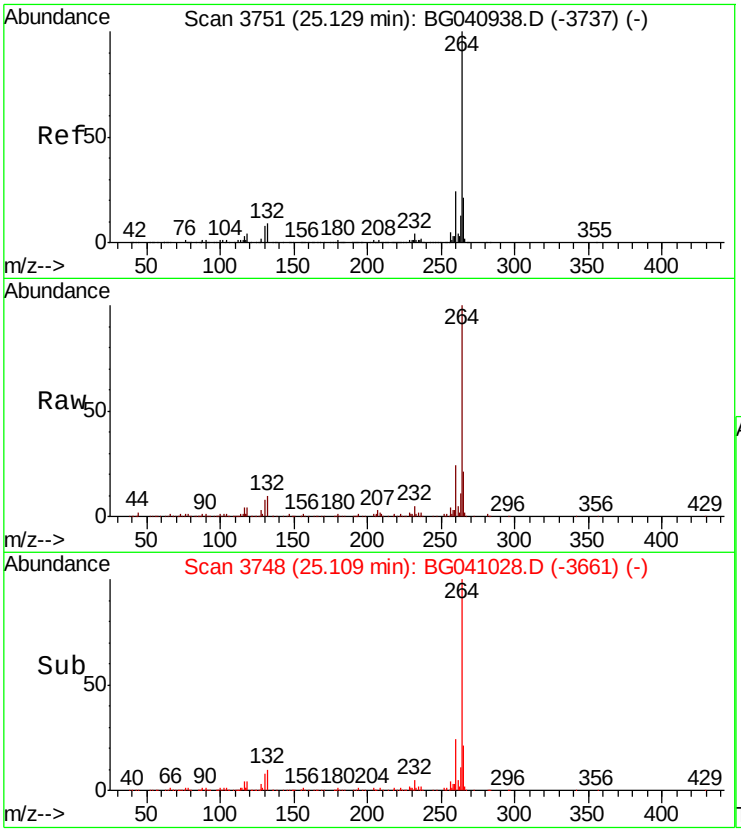


#79
Terphenyl-d14
Concen: 75.581 ng
RT: 20.09 min Scan# 2894
Delta R.T. -0.01 min
Lab File: BG041028.D
Acq: 3 Jun 2019 11:11

Tgt Ion:244 Resp: 1512863

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.4
122	6.7	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: BG041028.D
Acq: 3 Jun 2019 11:11

Instrument :
BNA_G
ClientSampleId :
FESB-20(2.5-3)

Tgt Ion:264 Resp: 446967

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.4
265	21.3	17.0	25.4