Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060619\
Data File : BG041092.D
Acq On : 6 Jun 2019 15:36
Operator : HP/JU
Sample : K3076-01RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FESB-07(5-5.5)

Quant Time: Jun 06 23:16:57 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	8.11	152	53069	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	203420	20.00	ng		-0.02
39) Acenaphthene-d10	14.74	164	135007	20.00	ng		-0.02
64) Phenanthrene-d10	17.49	188	336682	20.00	ng		-0.02
76) Chrysene-d12	21.76	240	352914	20.00	ng		-0.02
87) Perylene-d12	25.10	264	388824	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	353562	120.14	ng		-0.01
7) Phenol-d6	7.26	99	514401	113.17	ng		-0.01
23) Nitrobenzene-d5	9.29	82	351407	76.69	ng		-0.02
42) 2,4,6-Tribromophenol	16.23	330	246890	123.18	ng		-0.02
45) 2-Fluorobiphenyl	13.37	172	690882	73.70	ng		-0.02
79) Terphenyl-d14	20.08	244	915694	55.07	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.29	70	49382	14.118	ng	#	75
32) Benzoic acid	10.41	122	75	8.155	ng	#	1
50) Dimethylphthalate	14.18	163	128174	11.215	ng		99
54) 2,4-Dinitrophenol	14.55	184	78	8.327	ng	#	18
57) 2,4-Dinitrotoluene	14.74	165	17931	5.152	ng	#	23
65) 4,6-Dinitro-2-methylphenol	16.23	198	808	8.957	ng	#	70
67) 4-Bromophenyl-phenylether	16.23	248	18902	4.160	ng	#	1
70) Pentachlorophenol	17.07	266	64	4.279	ng	#	18
75) Fluoranthene	19.53	202	88602	4.090	ng		97
78) Pyrene	19.89	202	85187	3.713	ng		96
83) Chrysene	21.81	228	50786	2.259	ng		96
88) Benzo(b)fluoranthene	24.03	252	86528	3.669	ng	#	91
89) Benzo(k)fluoranthene	24.03	252	86528	3.708	ng	#	90
90) Benzo(a)pyrene	24.94	252	56597	2.515	ng		99
92) Benzo(g,h,i)perylene	30.12	276	49360	2.260	ng	#	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060619\
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Acq On : 6 Jun 2019 15:36
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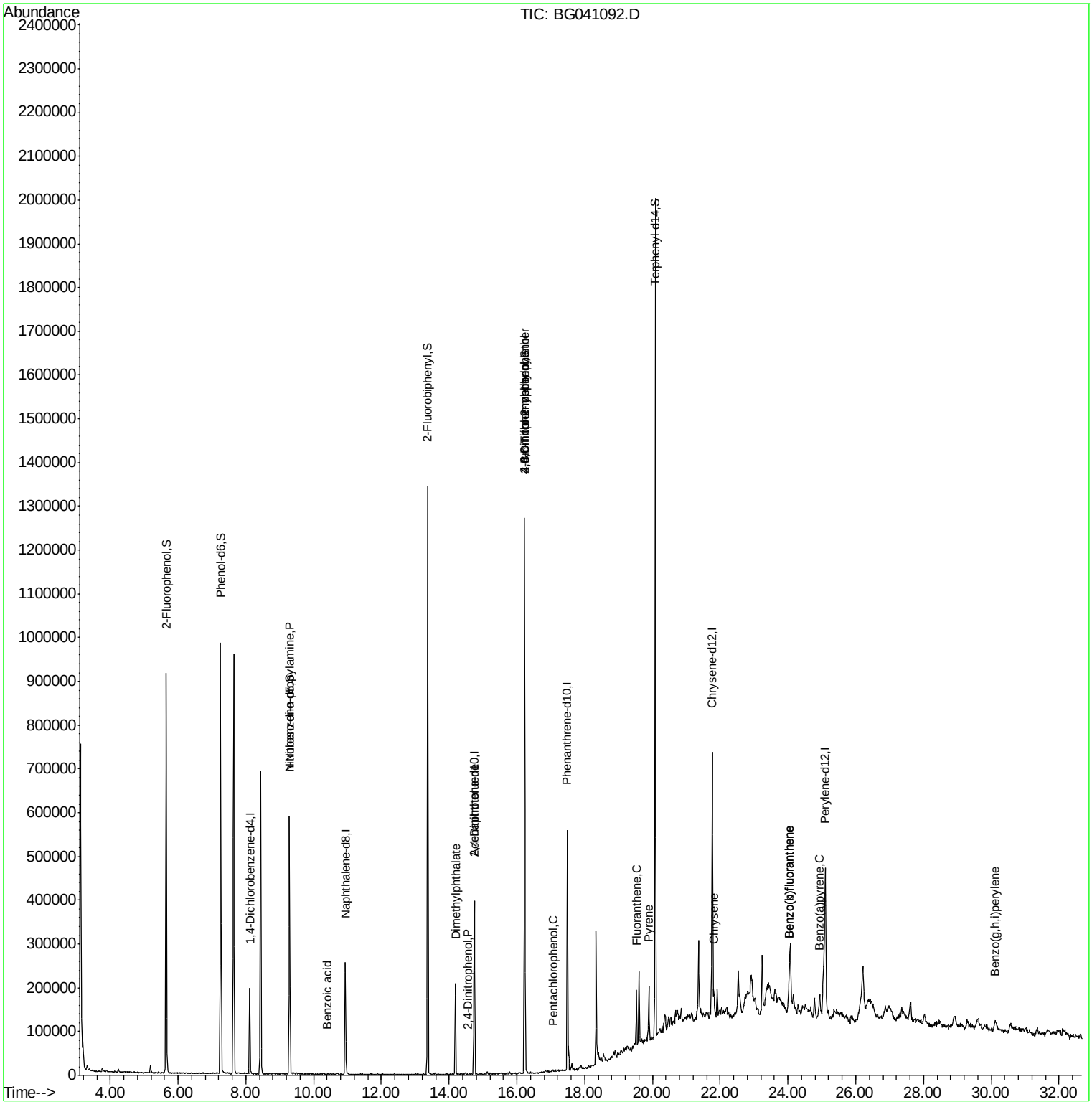
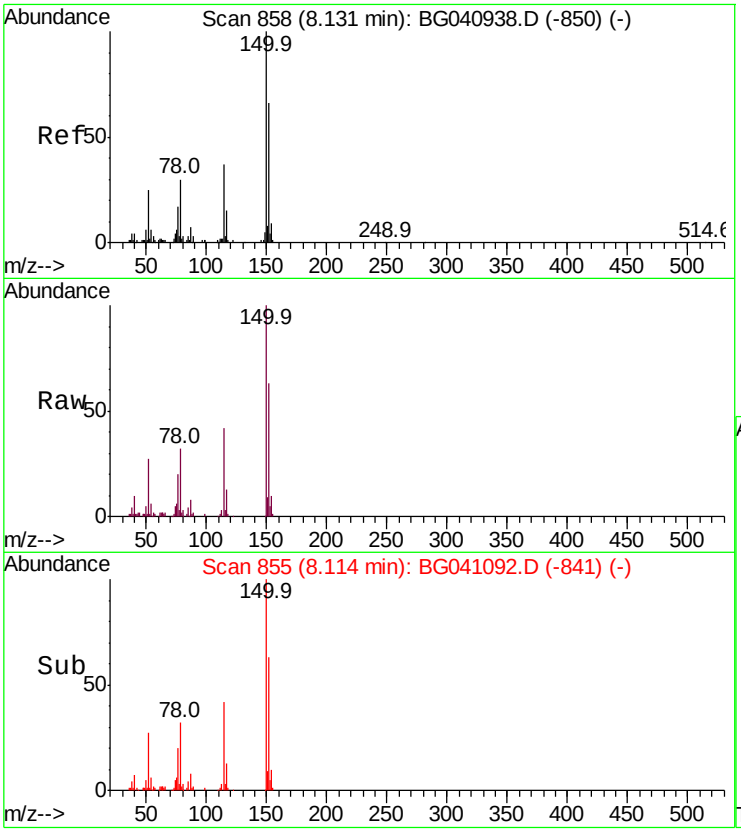
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FESB-07(5-5.5)

Quant Time: Jun 06 23:16:57 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



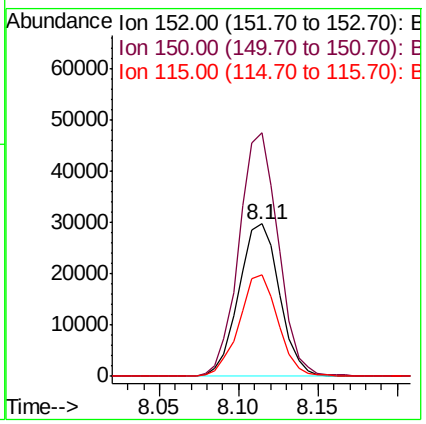


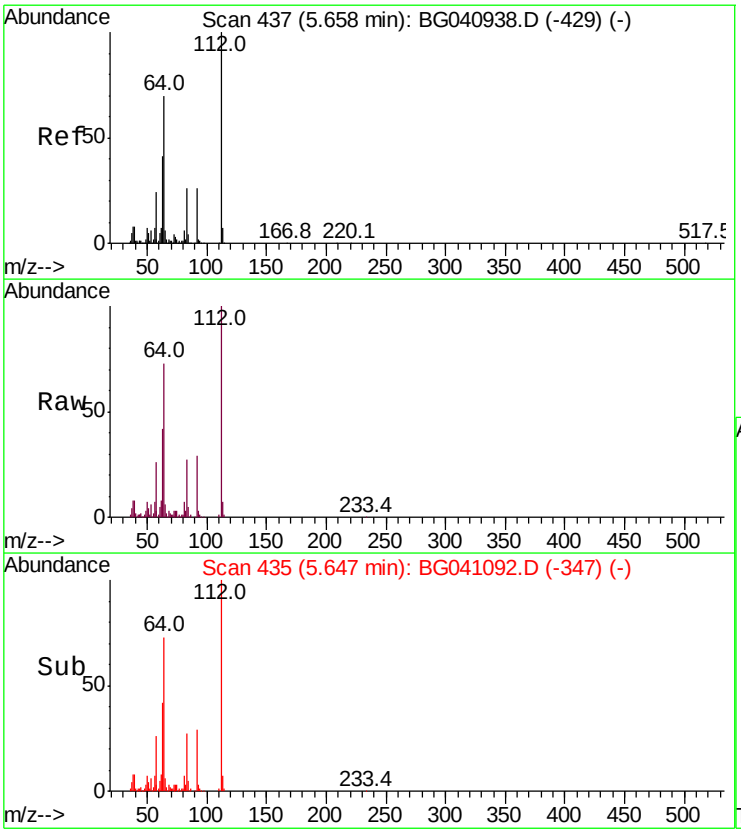
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 855
Delta R.T. -0.02 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

Instrument :
BNA_G
ClientSampleId :
FESB-07(5-5.5)

Tgt Ion:152 Resp: 53069

Ion	Ratio	Lower	Upper
152	100		
150	159.6	120.6	180.8
115	66.5	45.1	67.7

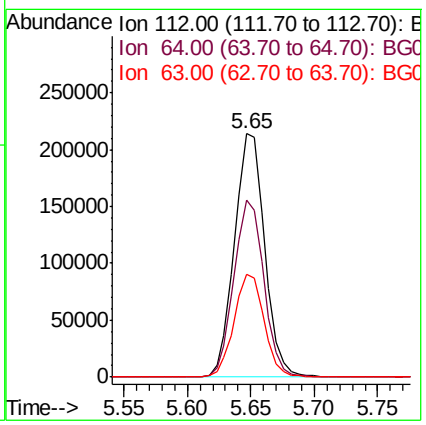


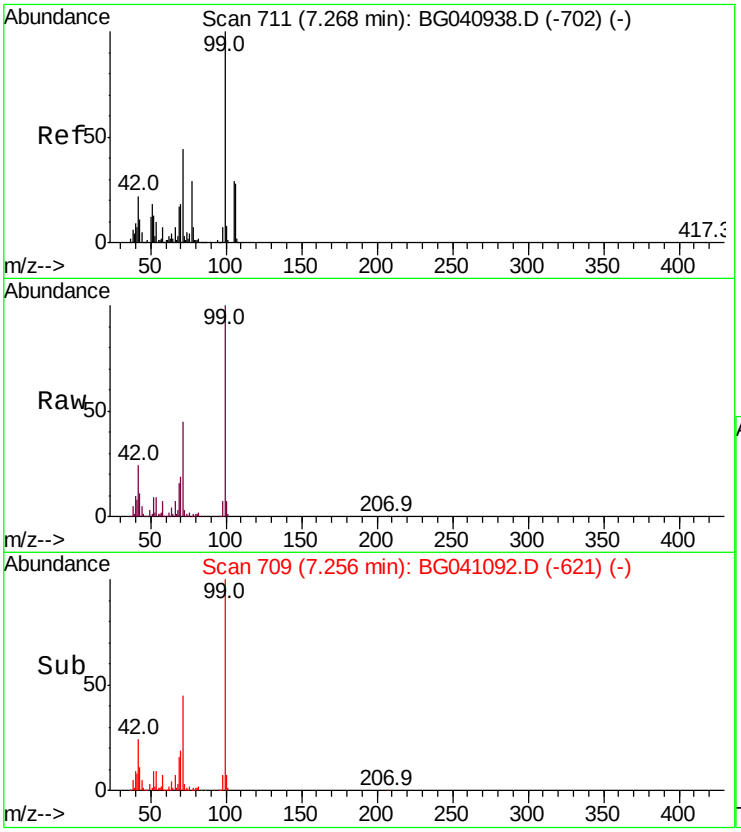


#5
2-Fluorophenol
Concen: 120.135 ng
RT: 5.65 min Scan# 435
Delta R.T. -0.01 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

Tgt Ion:112 Resp: 353562

Ion	Ratio	Lower	Upper
112	100		
64	72.7	56.2	84.2
63	42.4	32.8	49.2



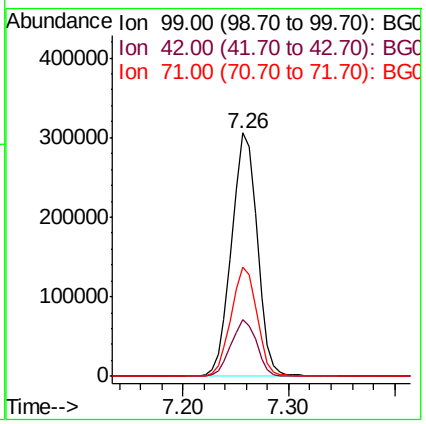


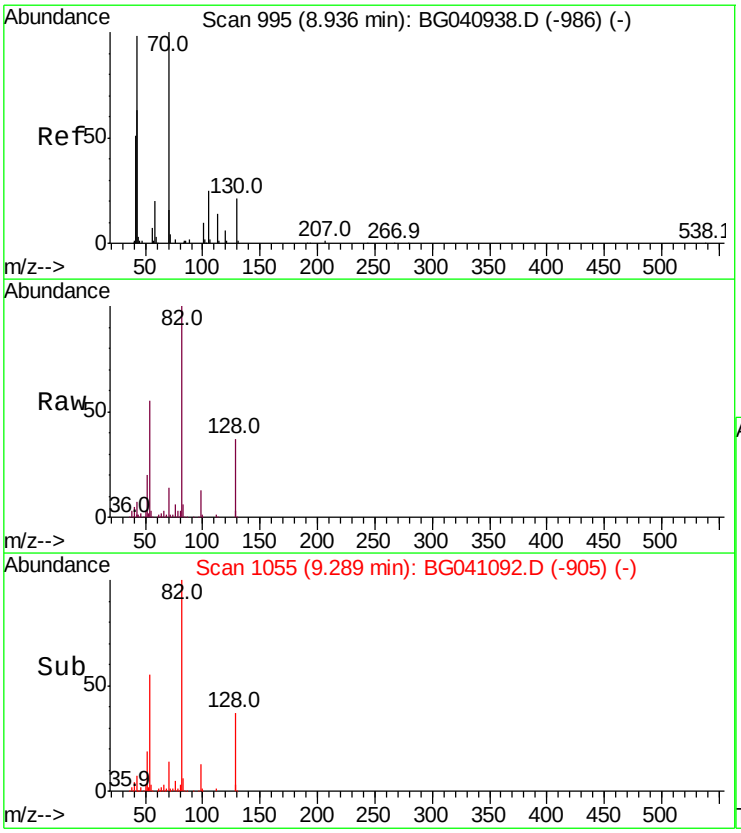
#7
Phenol-d6
Concen: 113.175 ng
RT: 7.26 min Scan# 709
Delta R.T. -0.01 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

Instrument :
BNA_G
ClientSampleId :
FESB-07(5-5.5)

Tgt Ion: 99 Resp: 514401

Ion	Ratio	Lower	Upper
99	100		
42	23.5	17.9	26.9
71	44.7	35.4	53.0

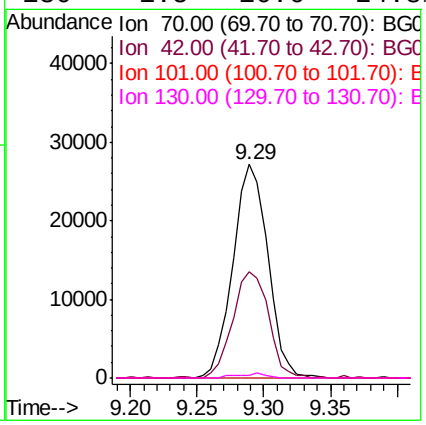


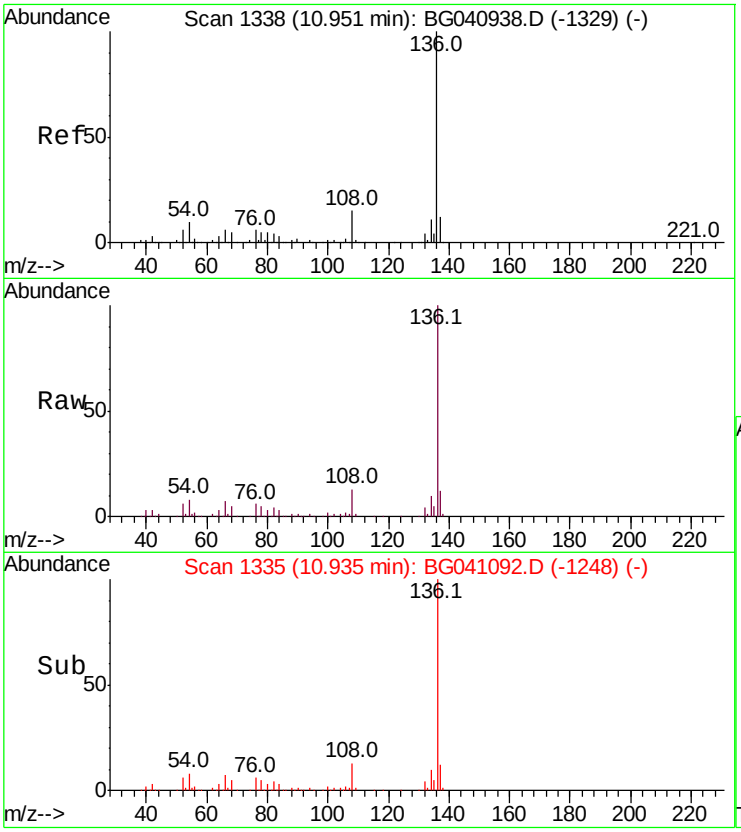


#19
n-Nitroso-di-n-propylamine
Concen: 14.118 ng
RT: 9.29 min Scan# 1055
Delta R.T. 0.35 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

Tgt Ion: 70 Resp: 49382

Ion	Ratio	Lower	Upper
70	100		
42	49.7	51.5	77.3#
101	0.0	8.1	12.1#
130	1.5	16.6	24.8#



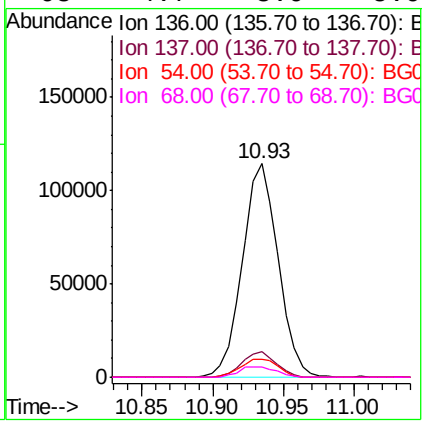


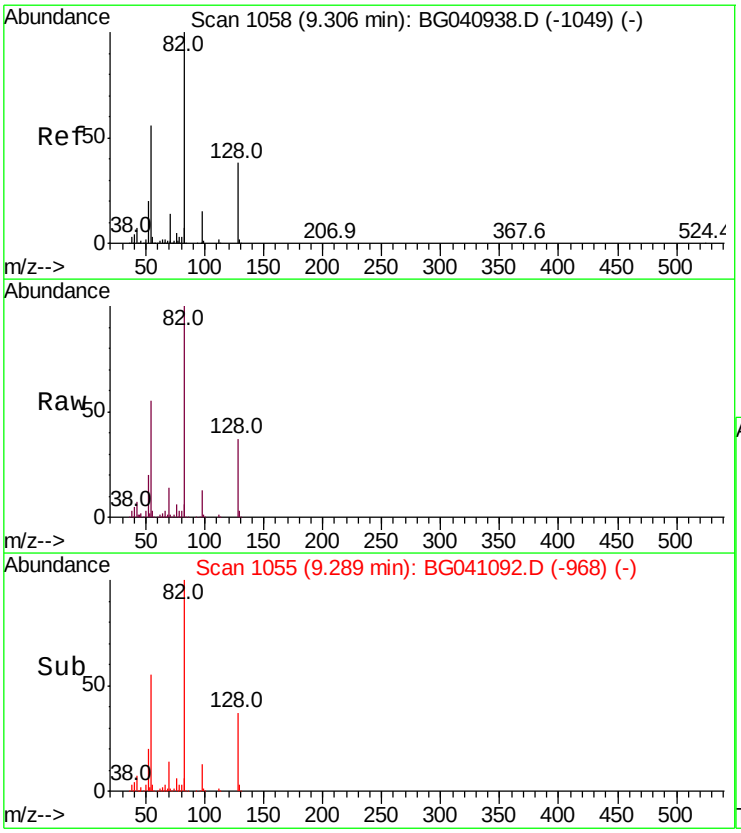
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

Instrument :
BNA_G
ClientSampleId :
FESB-07(5-5.5)

Tgt Ion:136 Resp: 203420

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.5	14.3
54	8.1	7.6	11.4
68	4.7	3.9	5.9

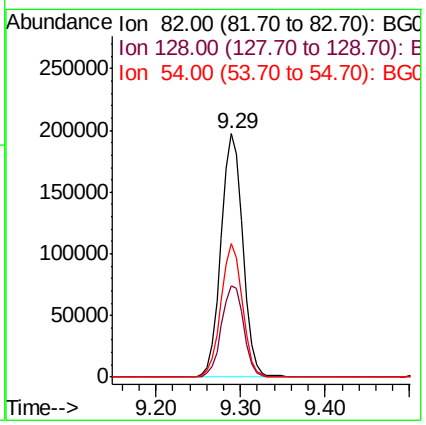


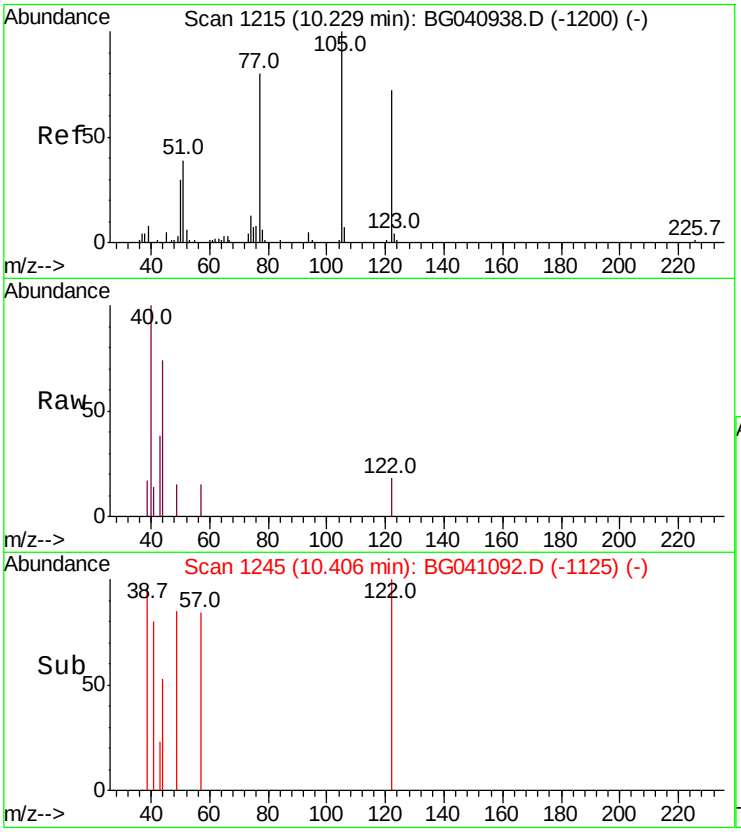


#23
Nitrobenzene-d5
Concen: 76.690 ng
RT: 9.29 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

Tgt Ion: 82 Resp: 351407

Ion	Ratio	Lower	Upper
82	100		
128	37.3	30.5	45.7
54	54.8	44.6	66.8



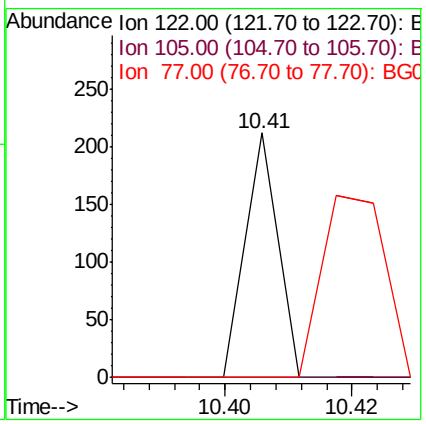


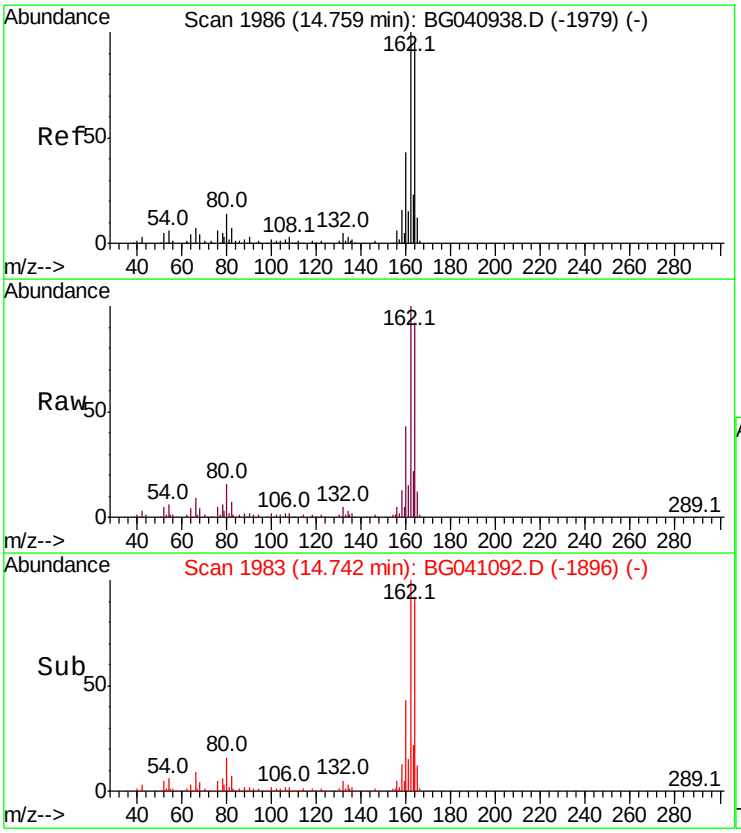
#32
Benzoic acid
Concen: 8.155 ng
RT: 10.41 min Scan# 1245
Delta R.T. 0.18 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

Instrument :
BNA_G
ClientSampleId :
FESB-07(5-5.5)

Tgt Ion:122 Resp: 75

Ion	Ratio	Lower	Upper
122	100		
105	0.0	114.8	154.8#
77	0.0	89.9	129.9#

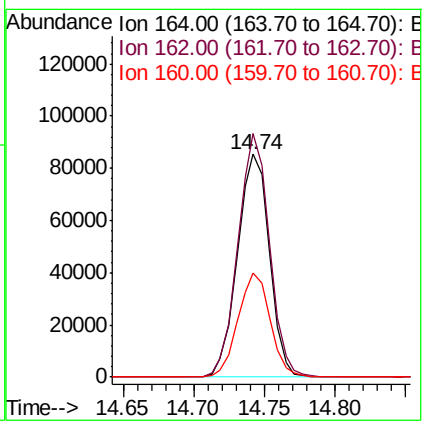


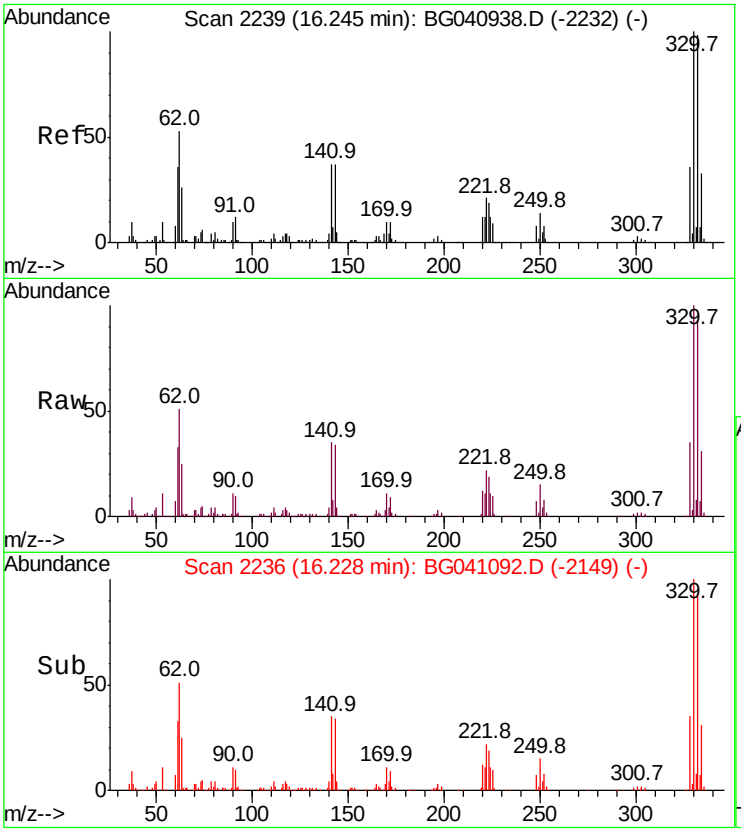


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

Tgt Ion:164 Resp: 135007

Ion	Ratio	Lower	Upper
164	100		
162	109.3	83.0	124.4
160	46.7	35.6	53.4



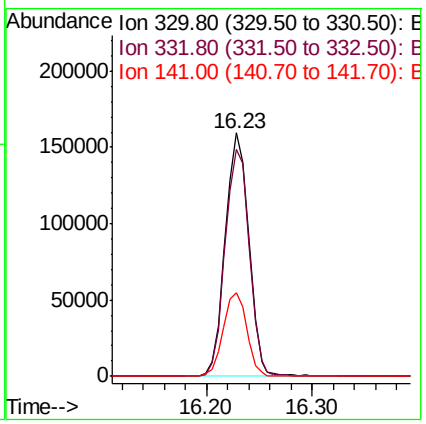


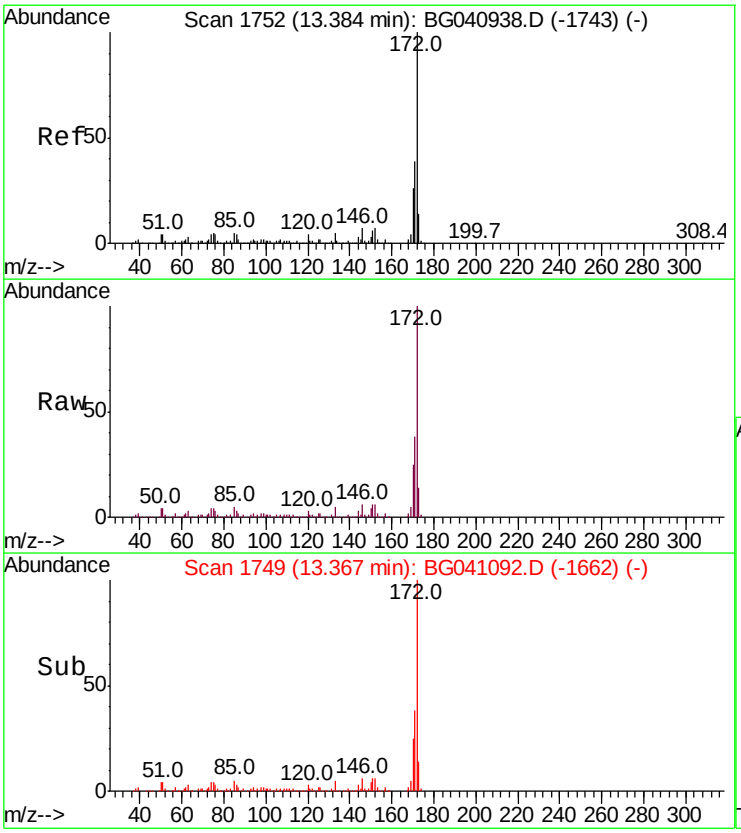
#42
2,4,6-Tribromophenol
Concen: 123.182 ng
RT: 16.23 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

Instrument :
BNA_G
ClientSampleId :
FESB-07(5-5.5)

Tgt Ion:330 Resp: 246890

Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.5	117.7
141	34.5	28.7	43.1

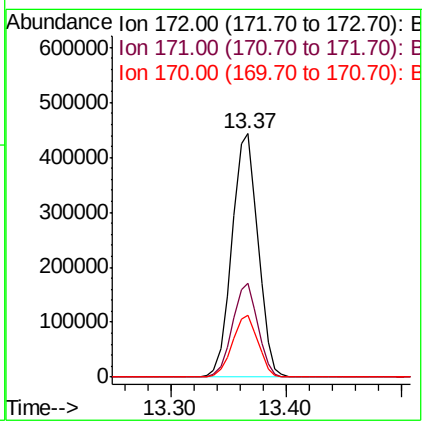


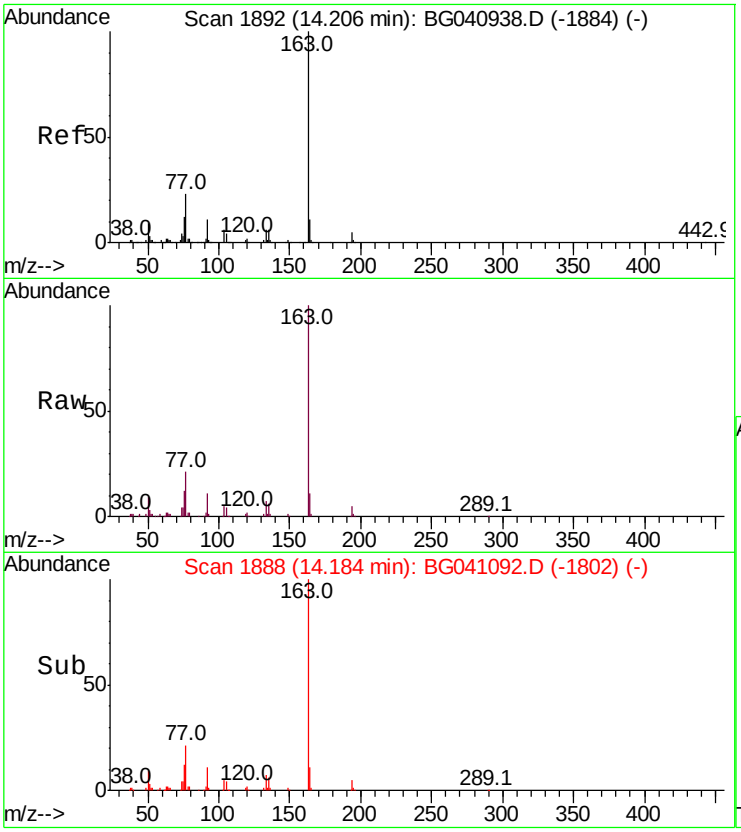


#45
2-Fluorobiphenyl
Concen: 73.696 ng
RT: 13.37 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

Tgt Ion:172 Resp: 690882

Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.1	46.7
170	25.2	20.5	30.7



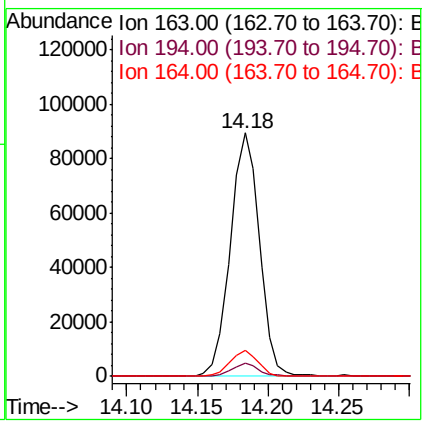


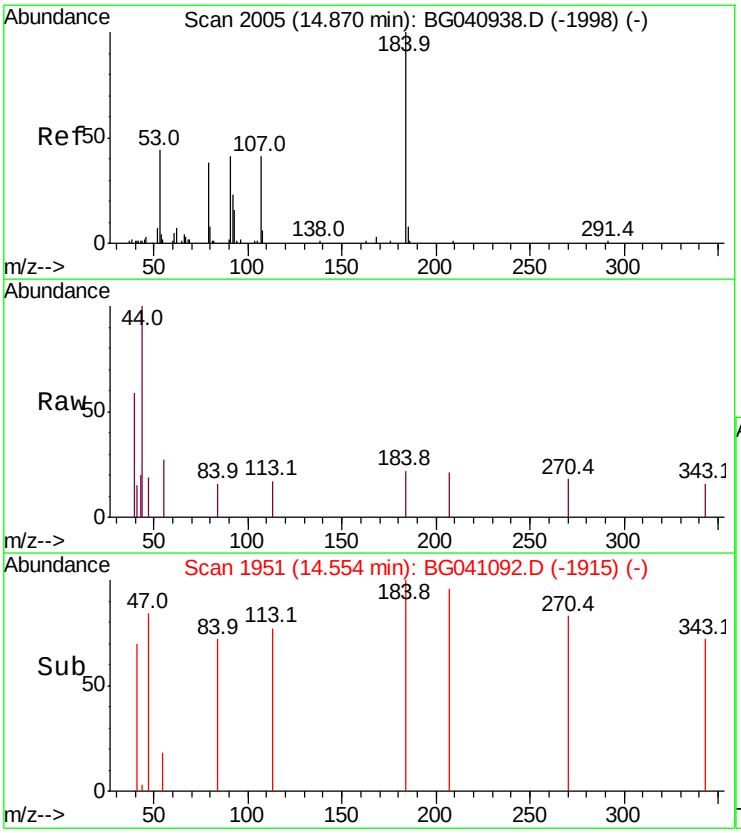
#50
Dimethylphthalate
Concen: 11.215 ng
RT: 14.18 min Scan# 1888
Delta R.T. -0.02 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

Instrument :
BNA_G
ClientSampleId :
FESB-07(5-5.5)

Tgt Ion:163 Resp: 128174

Ion	Ratio	Lower	Upper
163	100		
194	5.4	3.8	5.8
164	10.8	8.7	13.1

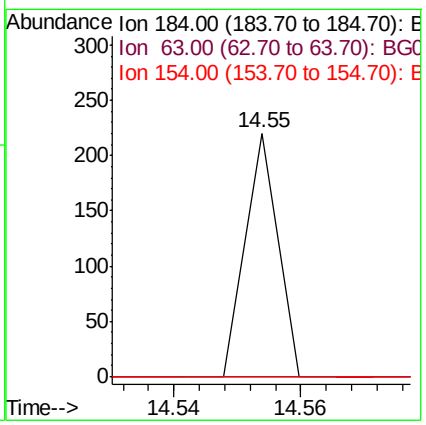


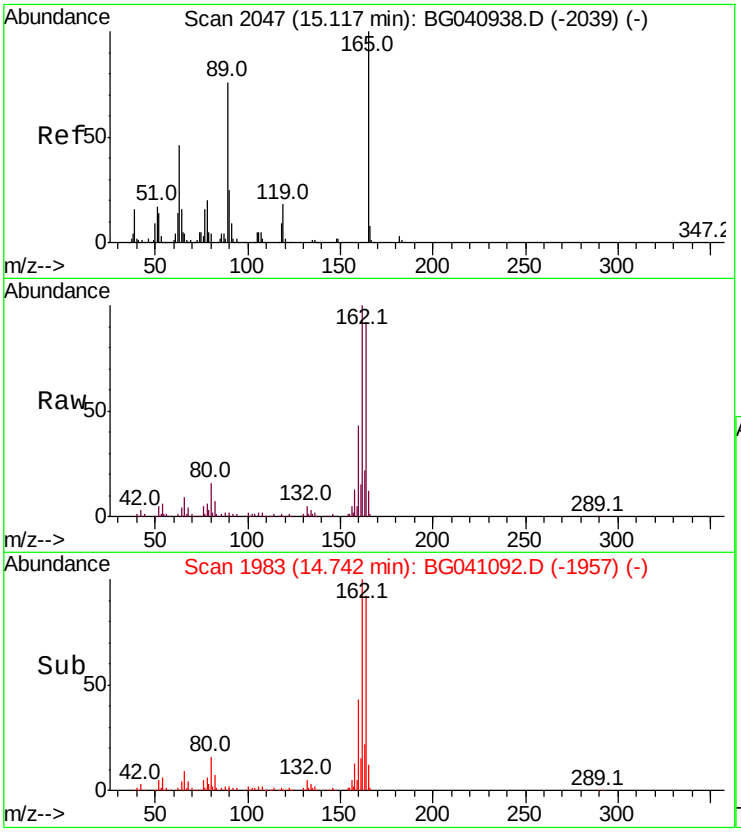


#54
2,4-Dinitrophenol
Concen: 8.327 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.32 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

Tgt Ion:184 Resp: 78

Ion	Ratio	Lower	Upper
184	100		
63	0.0	49.8	74.6#
154	0.0	52.2	78.4#



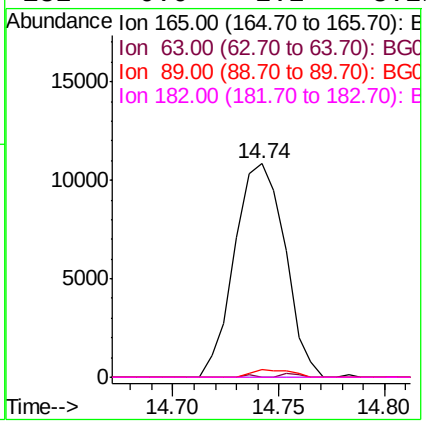


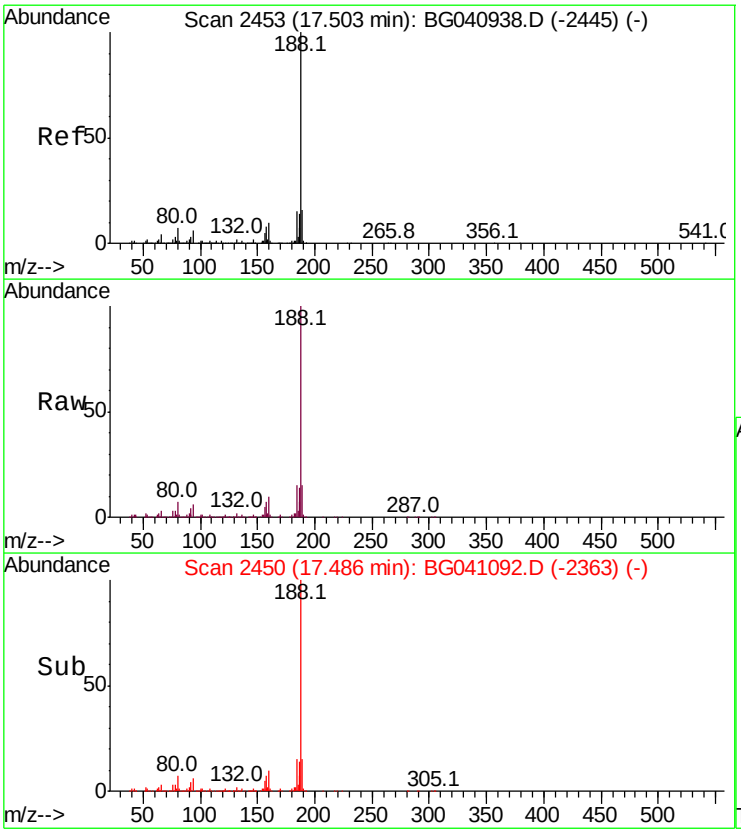
#57
2,4-Dinitrotoluene
Concen: 5.152 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.38 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

Instrument :
BNA_G
ClientSampleId :
FESB-07(5-5.5)

Tgt Ion:165 Resp: 17931

Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.3	55.9#
89	3.9	61.0	91.6#
182	0.0	2.2	3.2#

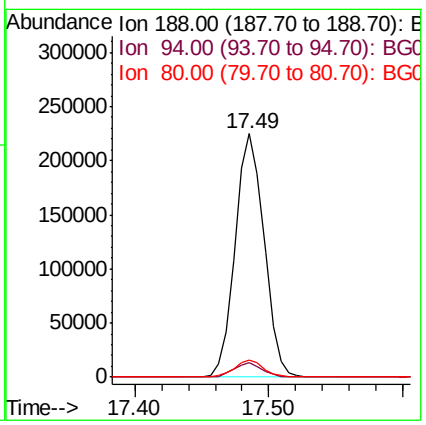


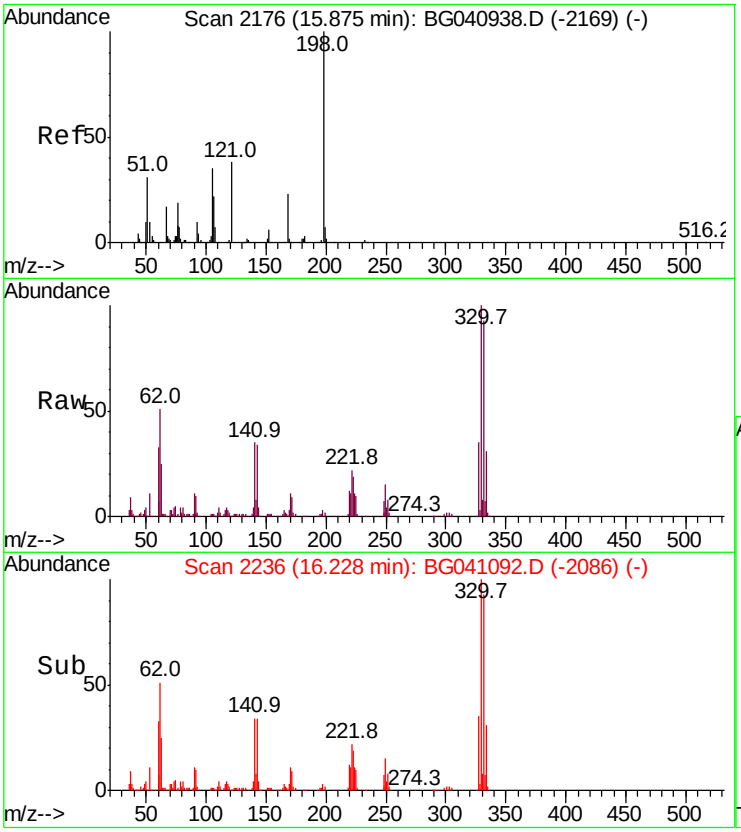


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2450
Delta R.T. -0.02 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

Tgt Ion:188 Resp: 336682

Ion	Ratio	Lower	Upper
188	100		
94	6.0	4.7	7.1
80	6.8	5.8	8.8



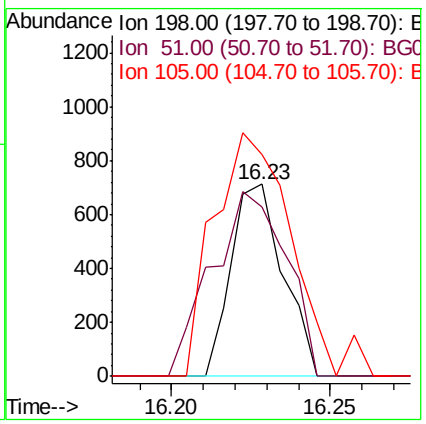


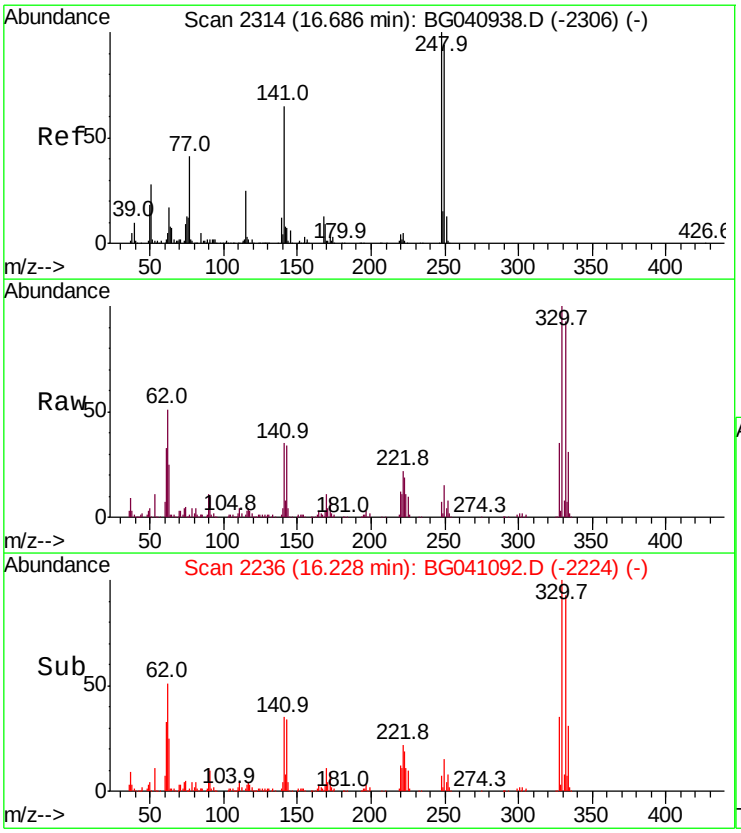
#65
4,6-Dinitro-2-methylphenol
Concen: 8.957 ng
RT: 16.23 min Scan# 2236
Delta R.T. 0.35 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

Instrument :
BNA_G
ClientSampleId :
FESB-07(5-5.5)

Tgt Ion:198 Resp: 808

Ion	Ratio	Lower	Upper
198	100		
51	18.3	21.6	61.6#
105	24.0	17.5	57.5

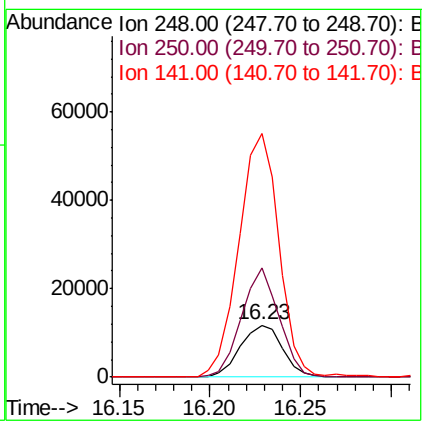


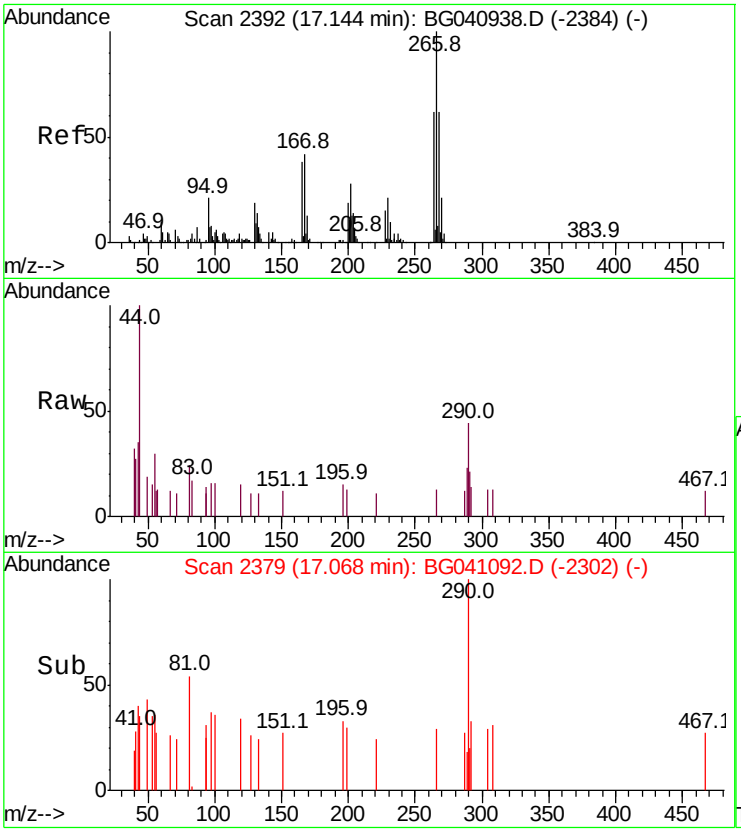


#67
4-Bromophenyl-phenylether
Concen: 4.160 ng
RT: 16.23 min Scan# 2236
Delta R.T. -0.46 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

Tgt Ion:248 Resp: 18902

Ion	Ratio	Lower	Upper
248	100		
250	209.9	75.0	112.4#
141	469.2	52.4	78.6#



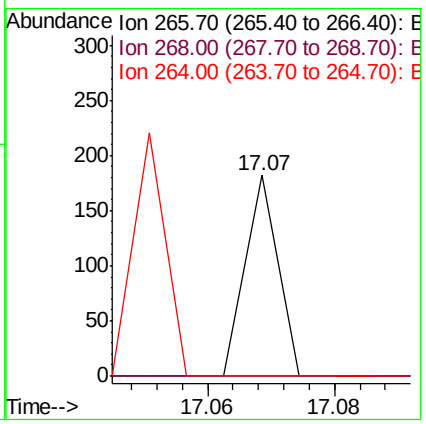


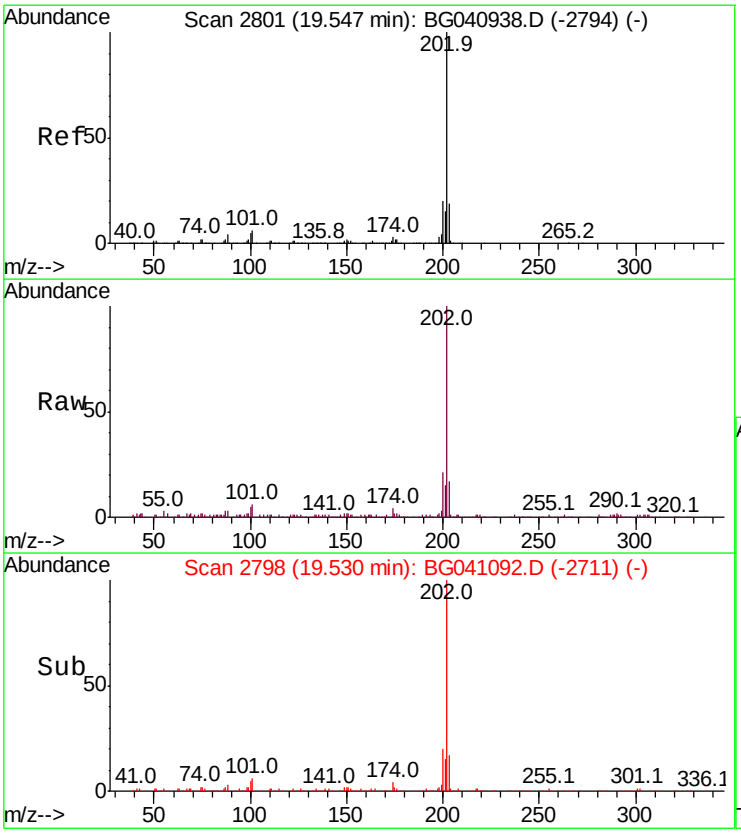
#70
Pentachlorophenol
Concen: 4.279 ng
RT: 17.07 min Scan# 2379
Delta R.T. -0.08 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

Instrument :
BNA_G
ClientSampleId :
FESB-07(5-5.5)

Tgt Ion:266 Resp: 64

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

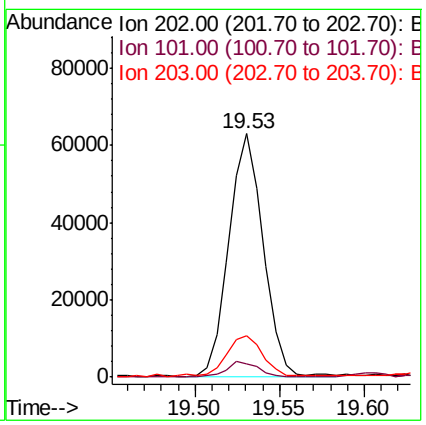


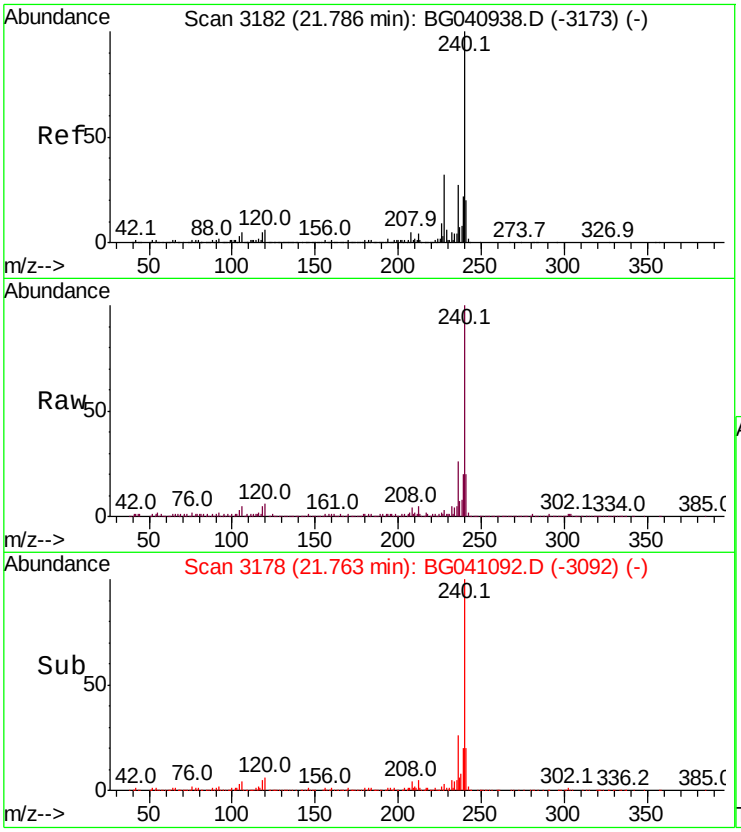


#75
Fluoranthene
Concen: 4.090 ng
RT: 19.53 min Scan# 2798
Delta R.T. -0.02 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

Tgt Ion:202 Resp: 88602

Ion	Ratio	Lower	Upper
202	100		
101	5.7	0.0	26.2
203	17.2	0.0	38.7



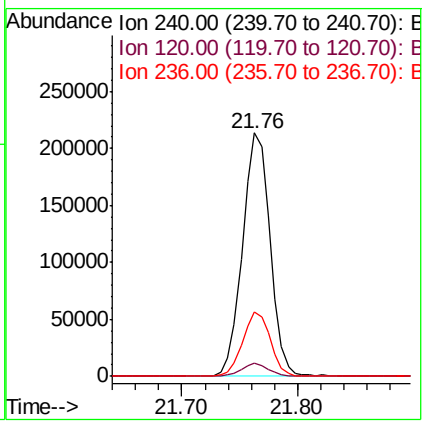


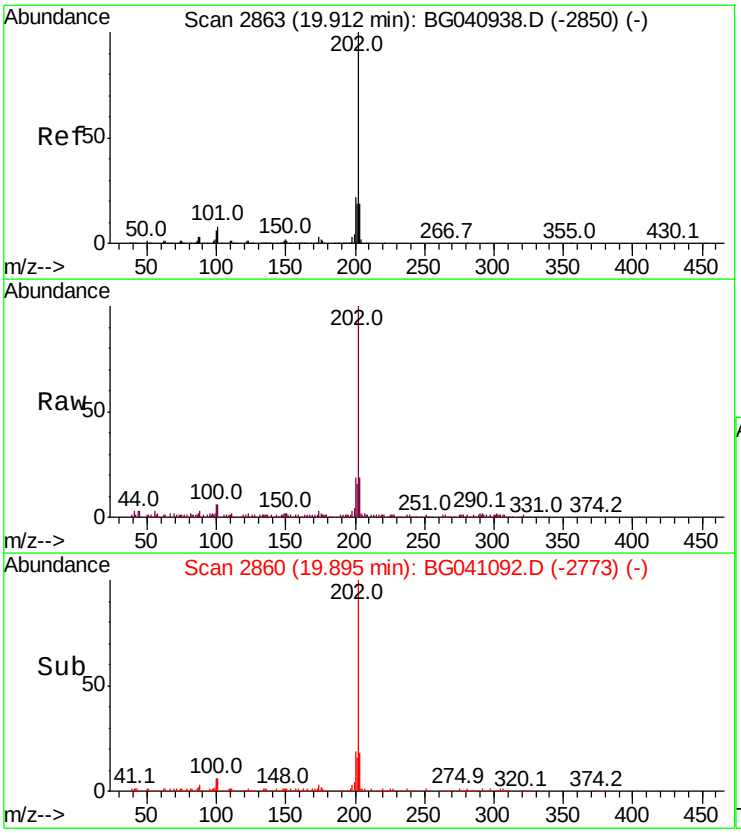
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3178
Delta R.T. -0.02 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

Instrument :
BNA_G
ClientSampleId :
FESB-07(5-5.5)

Tgt Ion:240 Resp: 352914

Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.5	6.7
236	26.2	21.3	31.9

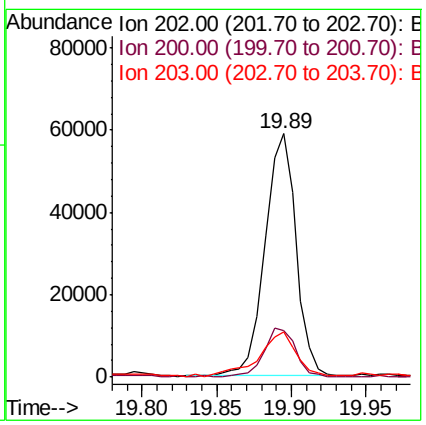


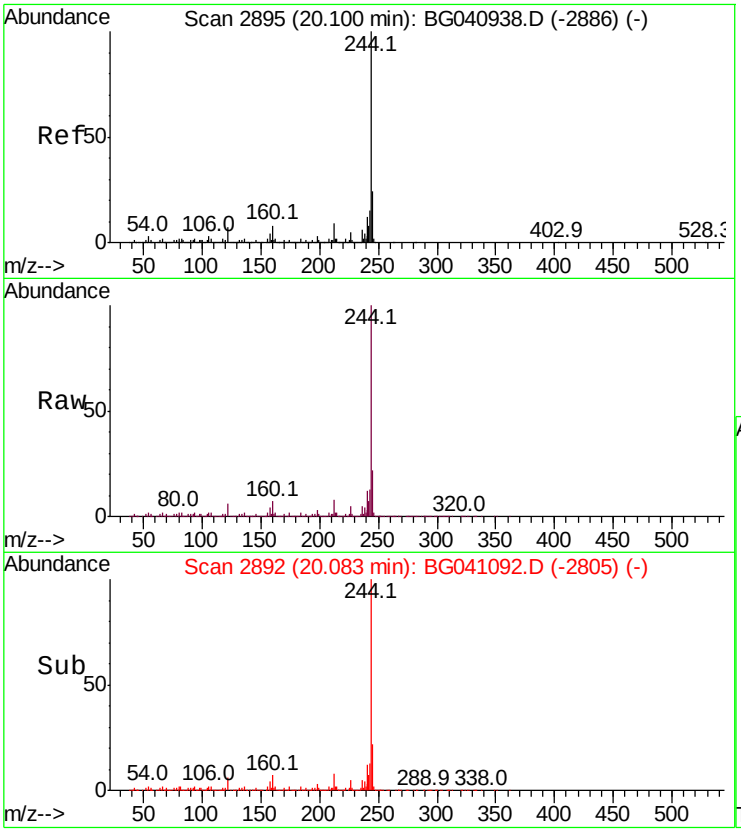


#78
Pyrene
Concen: 3.713 ng
RT: 19.89 min Scan# 2860
Delta R.T. -0.02 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

Tgt Ion:202 Resp: 85187

Ion	Ratio	Lower	Upper
202	100		
200	19.1	17.5	26.3
203	18.6	15.6	23.4



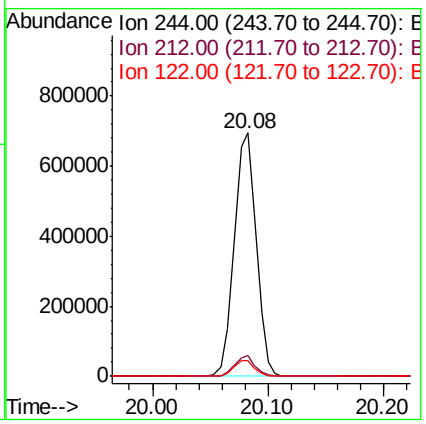


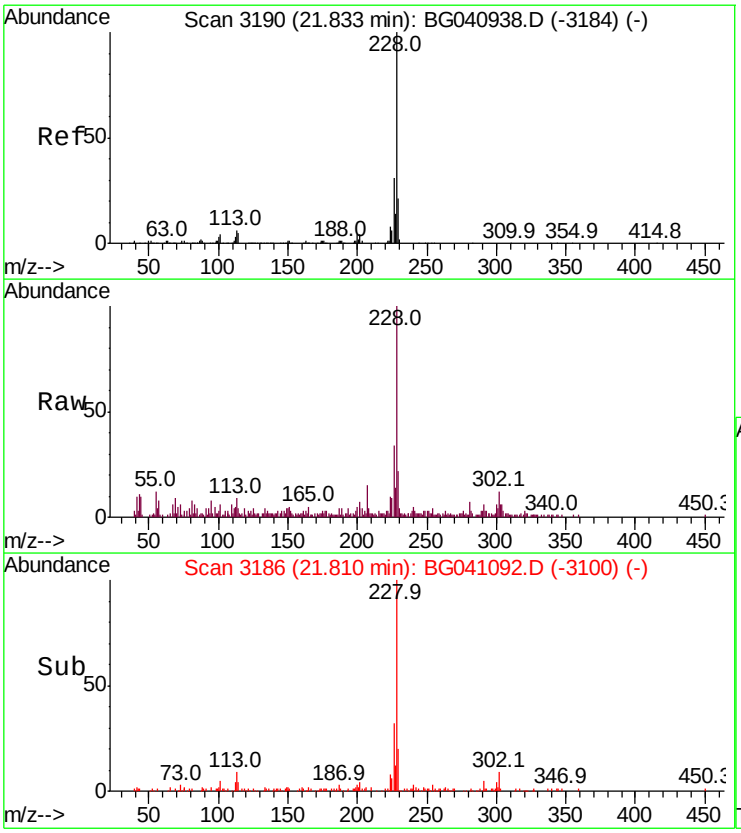
#79
Terphenyl-d14
Concen: 55.068 ng
RT: 20.08 min Scan# 2892
Delta R.T. -0.02 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

Instrument :
BNA_G
ClientSampleId :
FESB-07(5-5.5)

Tgt Ion:244 Resp: 915694

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.4
122	6.2	5.4	8.0

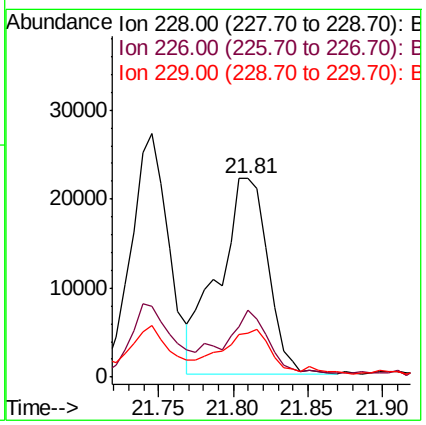


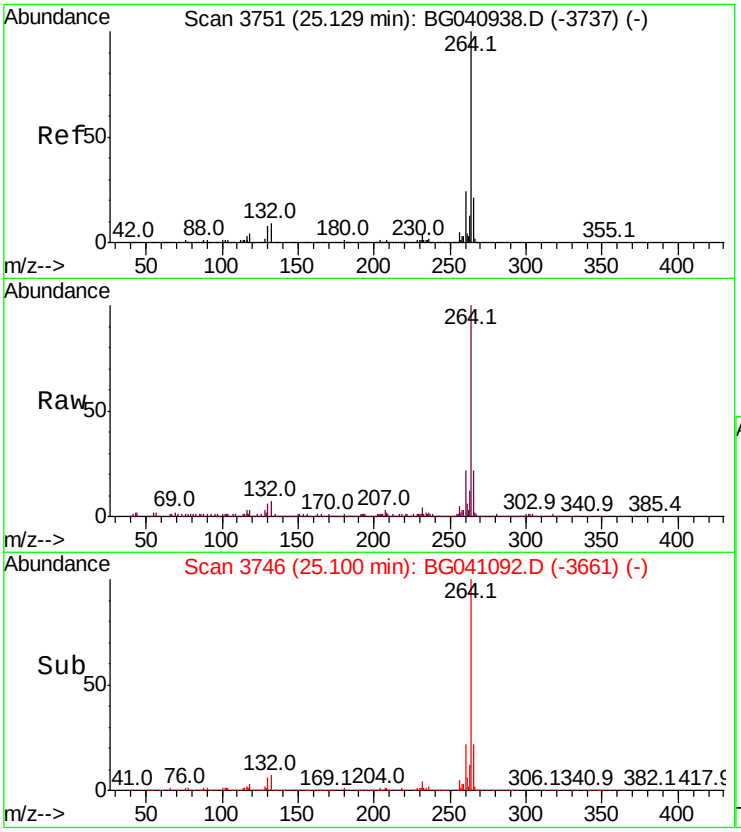


#83
Chrysene
Concen: 2.259 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

Tgt Ion:228 Resp: 50786

Ion	Ratio	Lower	Upper
228	100		
226	33.8	24.6	37.0
229	22.0	16.6	24.8



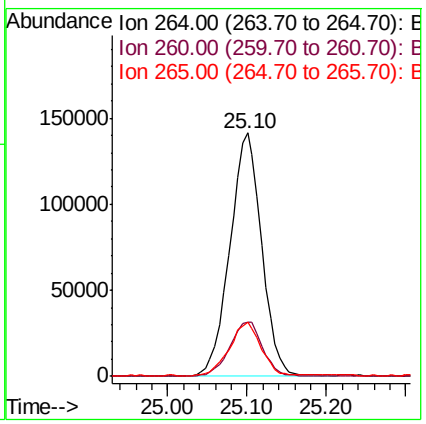


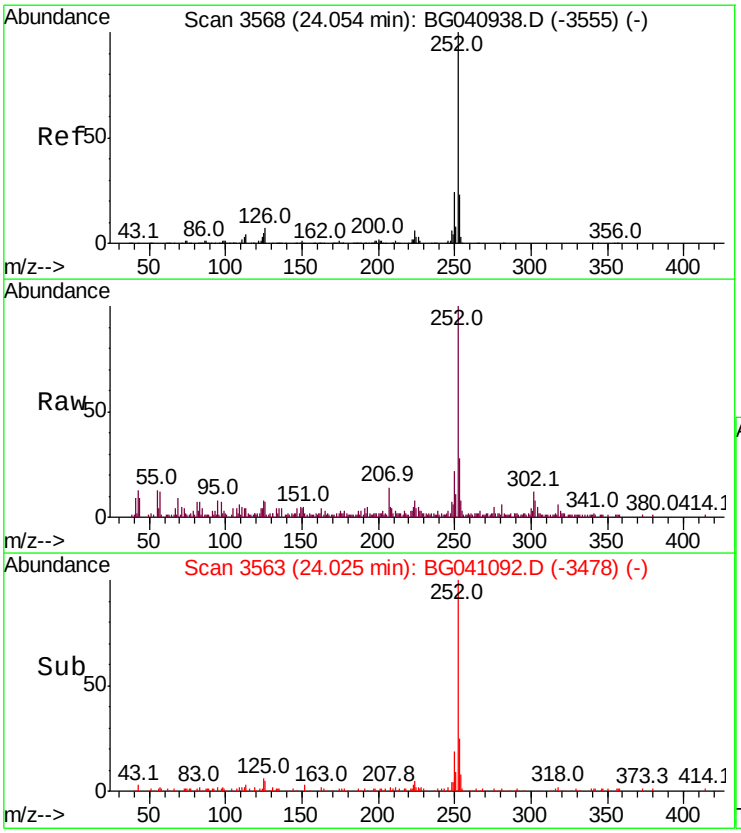
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3746
Delta R.T. -0.03 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

Instrument :
BNA_G
ClientSampleId :
FESB-07(5-5.5)

Tgt Ion:264 Resp: 388824

Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.0	28.4
265	22.2	17.0	25.4

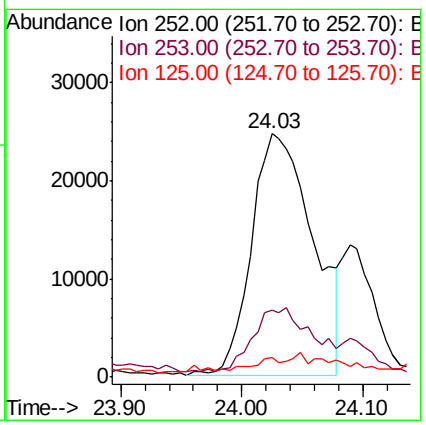


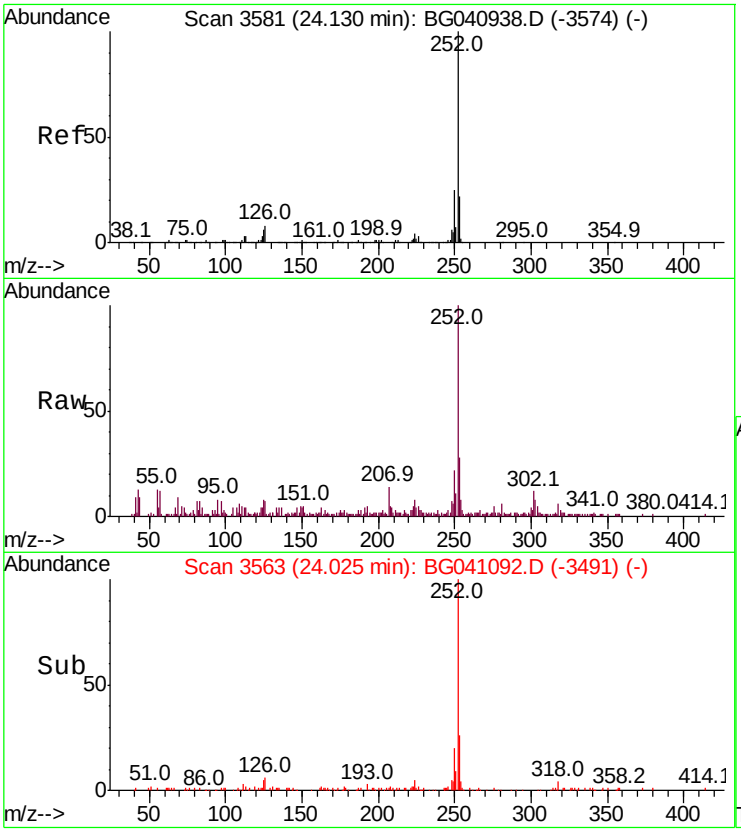


#88
Benzo(b)fluoranthene
Concen: 3.669 ng
RT: 24.03 min Scan# 3563
Delta R.T. -0.03 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

Tgt Ion:252 Resp: 86528

Ion	Ratio	Lower	Upper
252	100		
253	27.6	18.4	27.6
125	7.9	4.3	6.5#



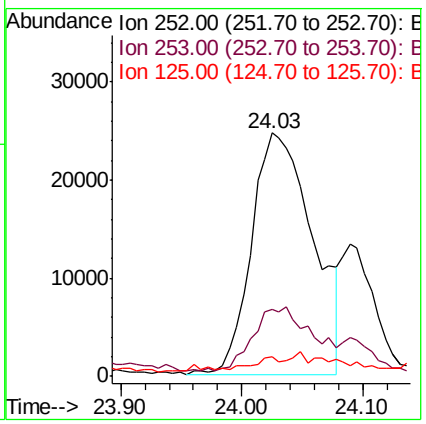


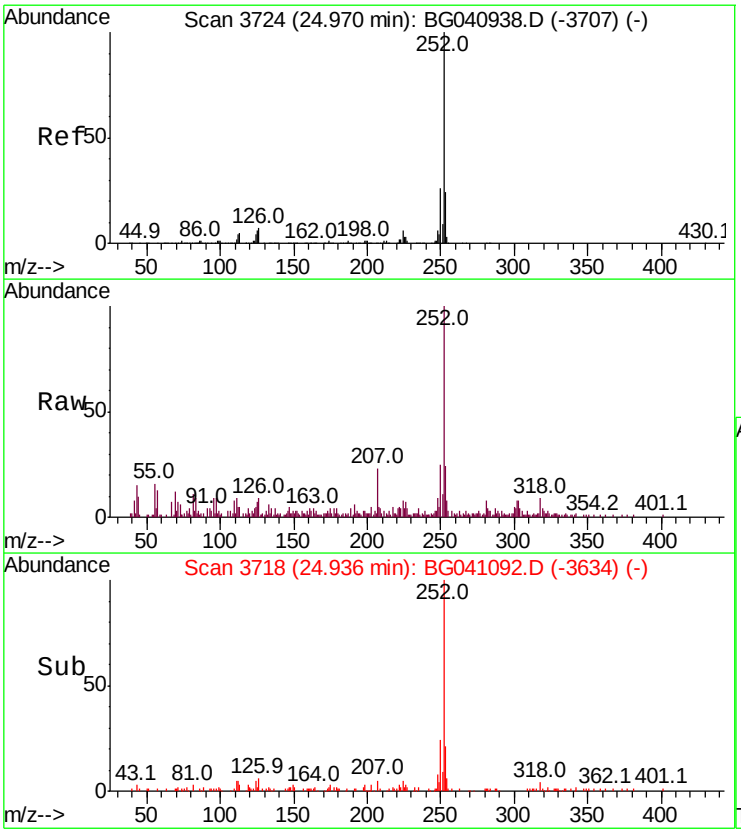
#89
Benzo(k)fluoranthene
Concen: 3.708 ng
RT: 24.03 min Scan# 3563
Delta R.T. -0.11 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

Instrument :
BNA_G
ClientSampleId :
FESB-07(5-5.5)

Tgt Ion:252 Resp: 86528

Ion	Ratio	Lower	Upper
252	100		
253	27.6	17.8	26.6#
125	7.9	4.7	7.1#

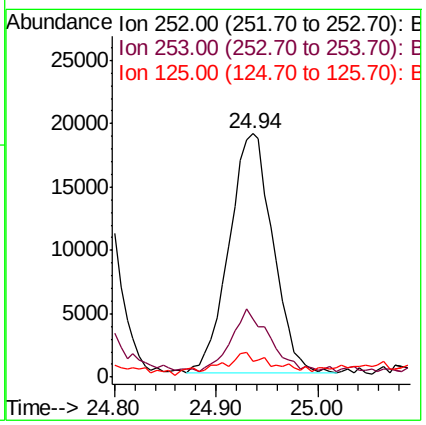


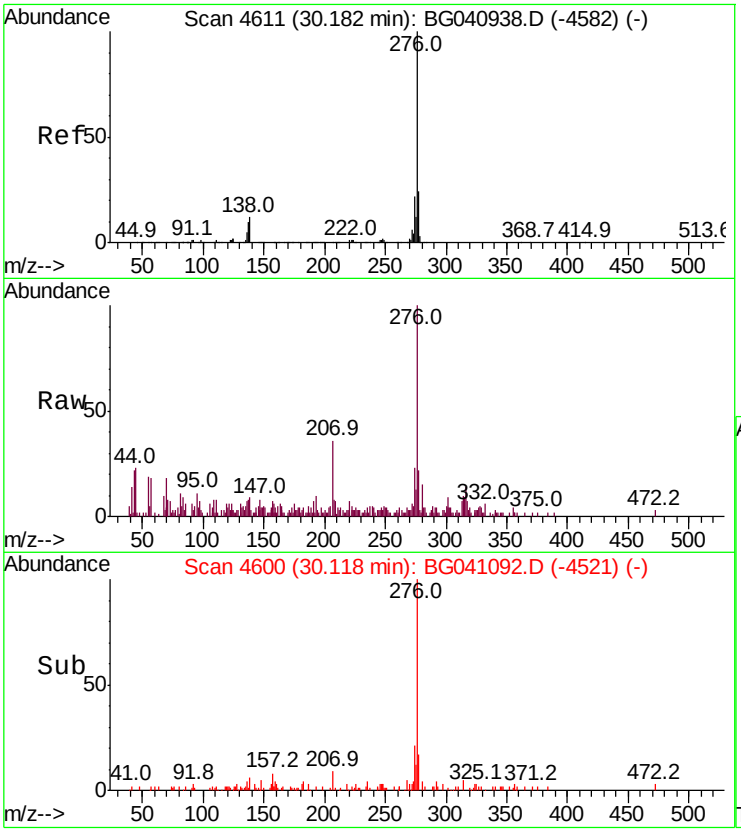


#90
Benzo(a)pyrene
Concen: 2.515 ng
RT: 24.94 min Scan# 3718
Delta R.T. -0.03 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

Tgt Ion:252 Resp: 56597

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.5	29.3
125	6.6	5.1	7.7





#92
Benzo(g,h,i)perylene
Concen: 2.260 ng
RT: 30.12 min Scan# 4600
Delta R.T. -0.06 min
Lab File: BG041092.D
Acq: 6 Jun 2019 15:36

Instrument :
BNA_G
ClientSampleId :
FESB-07(5-5.5)

Tgt Ion:276 Resp: 49360

Ion	Ratio	Lower	Upper
276	100		
277	21.5	19.4	29.0
138	8.9	9.7	14.5#