Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062819\
Data File : BG041524.D
Acq On : 28 Jun 2019 22:20
Operator : HP/JU
Sample : K3546-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ-219-CONCRETE

Quant Time: Jun 29 01:51:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:25:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	28296	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	106146	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	77167	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	209197	20.00	ng		0.00
76) Chrysene-d12	21.69	240	218335	20.00	ng		0.00
87) Perylene-d12	24.98	264	238562	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	161272	101.61	ng		0.00
7) Phenol-d6	7.19	99	235358	105.34	ng		0.00
23) Nitrobenzene-d5	9.21	82	169258	66.51	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	120435	91.41	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	424455	70.59	ng		0.00
79) Terphenyl-d14	20.02	244	801865	78.05	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.21	70	24732	14.840	ng	#	69
50) Dimethylphthalate	14.12	163	71292	10.152	ng	#	96
54) 2,4-Dinitrophenol	14.57	184	68	8.016	ng	#	15
57) 2,4-Dinitrotoluene	14.67	165	10418	4.819	ng	#	23
67) 4-Bromophenyl-phenylether	16.17	248	8390	2.935	ng	#	1
71) Phenanthrene	17.47	178	60562	5.254	ng		97
75) Fluoranthene	19.47	202	130871	8.516	ng		99
77) Benzidine	20.02	184	13805	2.850	ng	#	96
78) Pyrene	19.84	202	144459	9.692	ng		99
81) Benzo(a)anthracene	21.67	228	69580	4.584	ng		99
83) Chrysene	21.74	228	65062	4.428	ng		100
88) Benzo(b)fluoranthene	23.92	252	74857	4.920	ng		99
89) Benzo(k)fluoranthene	23.92	252	74857	5.011	ng		99
90) Benzo(a)pyrene	24.82	252	53302	3.688	ng		99
92) Benzo(g,h,i)perylene	29.92	276	37631	2.614	ng	#	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062819\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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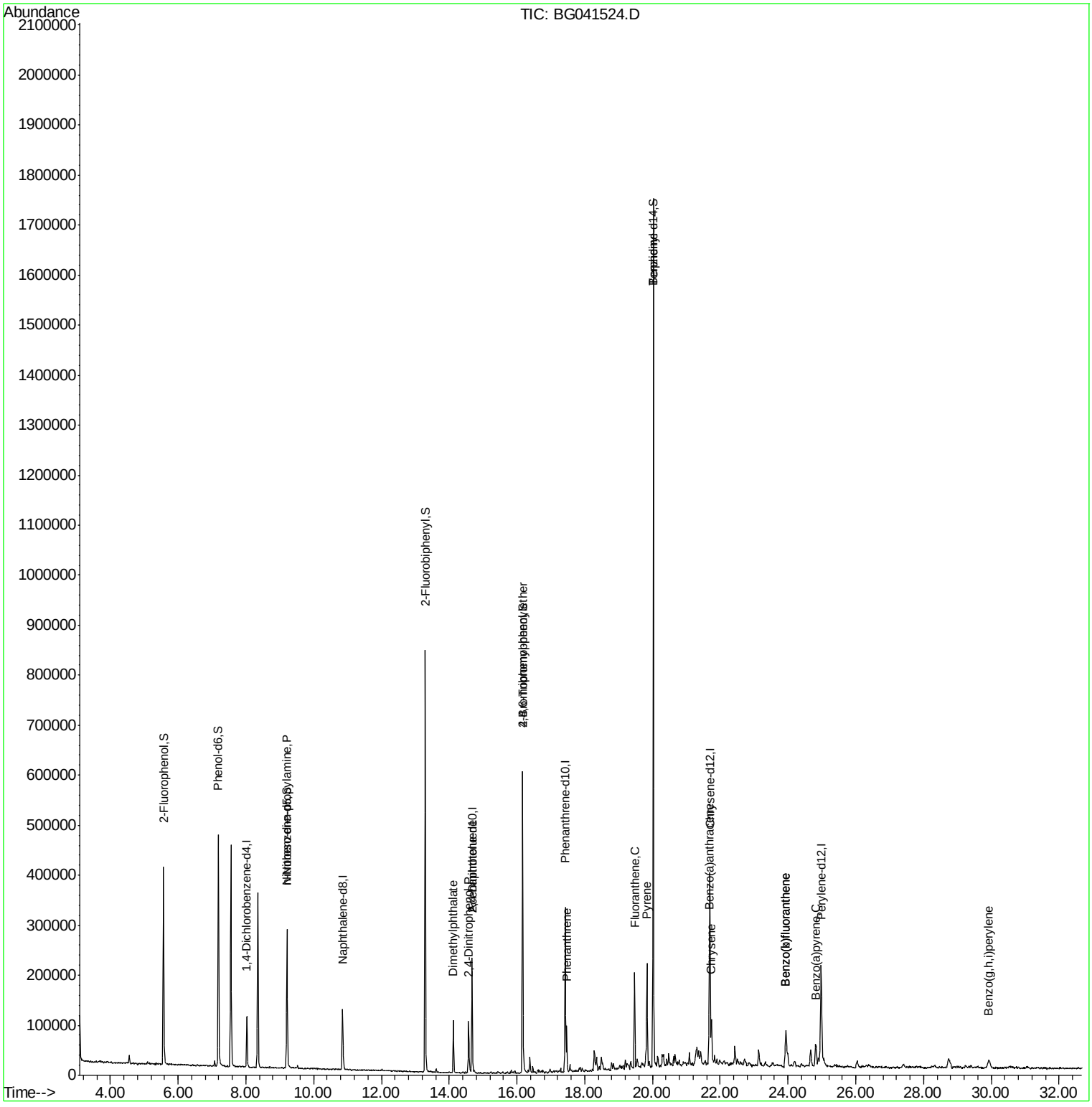
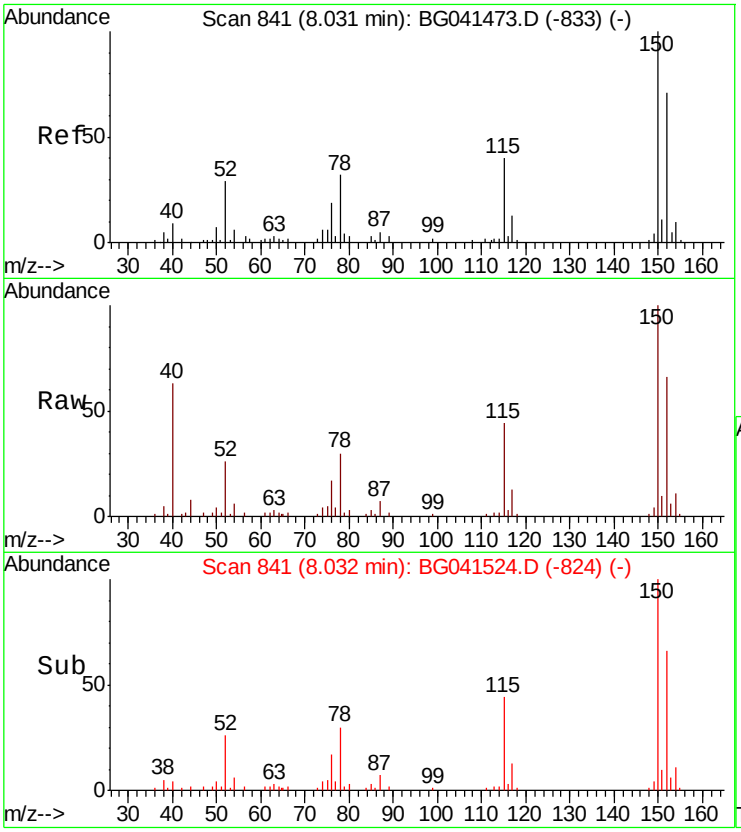
Response via : Initial Calibration



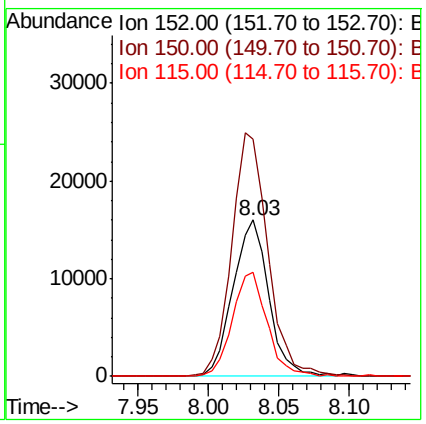


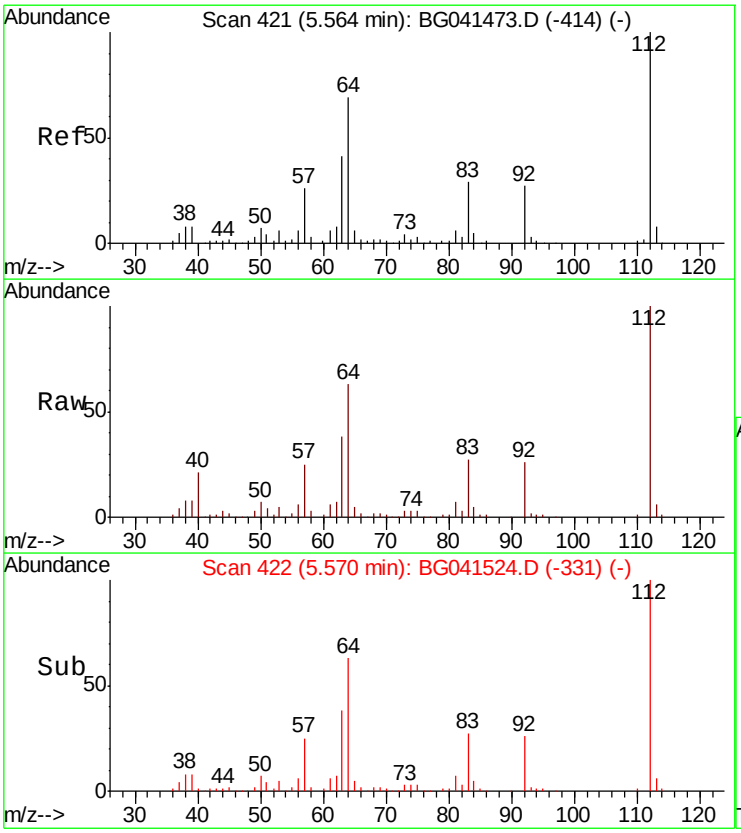
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Instrument :
BNA_G
ClientSampleId :
VNJ-219-CONCRETE

Tgt Ion:152 Resp: 28296

Ion	Ratio	Lower	Upper
152	100		
150	151.6	112.4	168.6
115	66.5	44.6	66.8

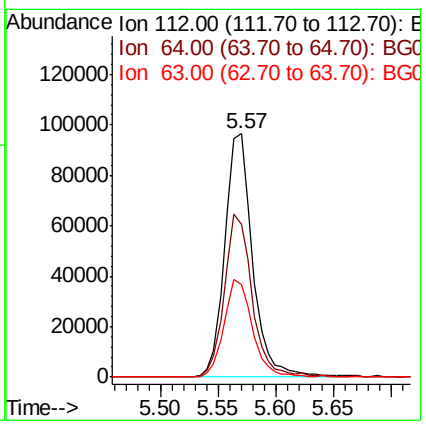


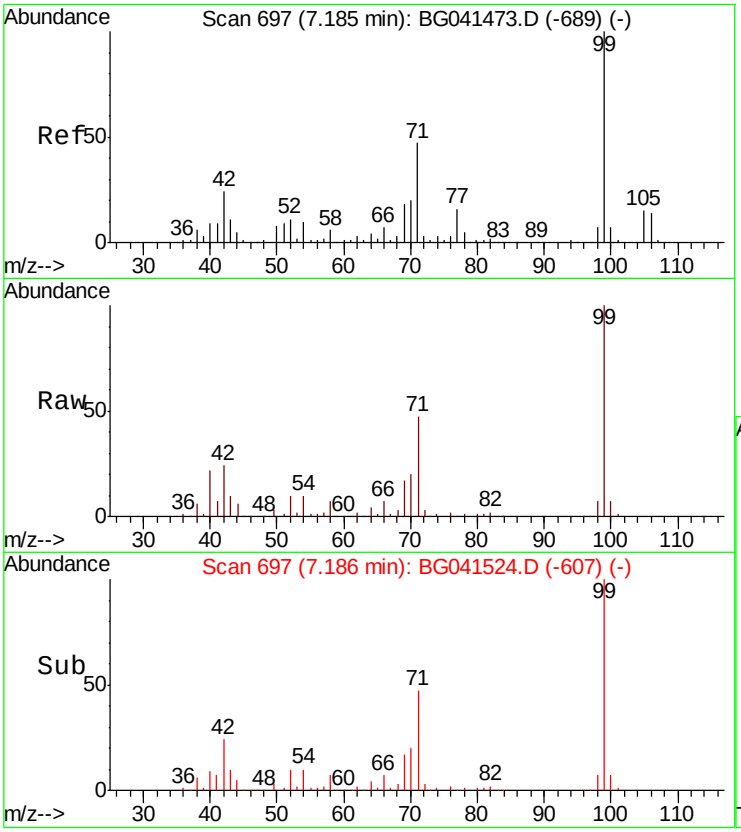


#5
2-Fluorophenol
Concen: 101.613 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Tgt Ion:112 Resp: 161272

Ion	Ratio	Lower	Upper
112	100		
64	62.8	55.1	82.7
63	38.1	32.4	48.6



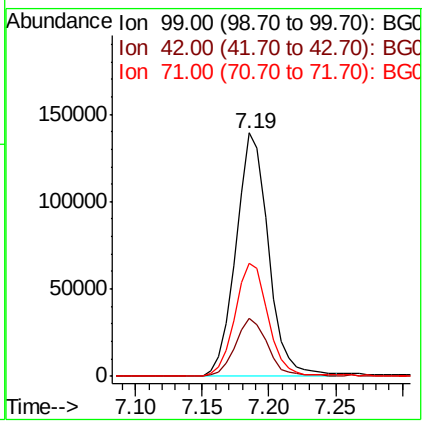


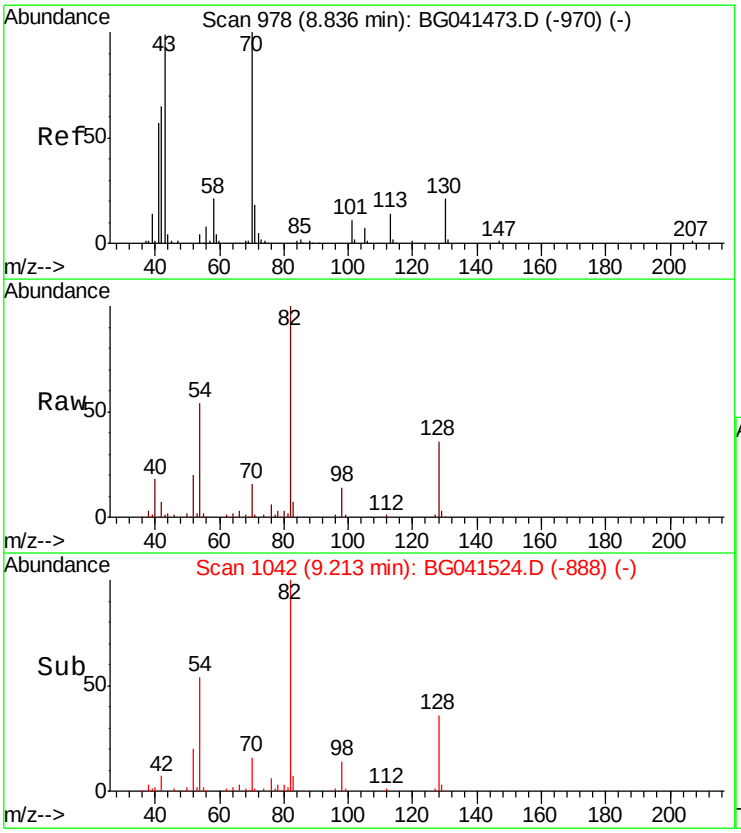
#7
Phenol-d6
Concen: 105.341 ng
RT: 7.19 min Scan# 697
Delta R.T. 0.00 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Instrument :
BNA_G
ClientSampleId :
VNJ-219-CONCRETE

Tgt Ion: 99 Resp: 235358

Ion	Ratio	Lower	Upper
99	100		
42	24.0	19.0	28.6
71	46.7	37.4	56.2

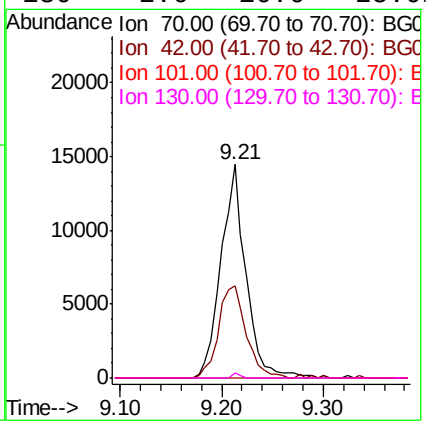


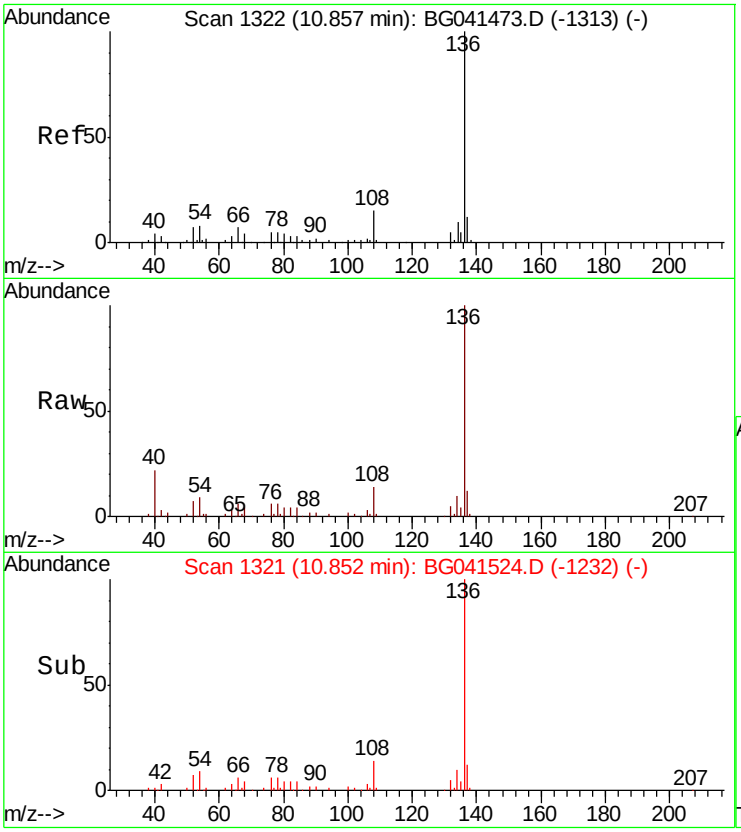


#19
n-Nitroso-di-n-propylamine
Concen: 14.840 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.38 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Tgt Ion: 70 Resp: 24732

Ion	Ratio	Lower	Upper
70	100		
42	43.3	52.6	78.8#
101	0.0	8.6	13.0#
130	2.6	16.6	25.0#



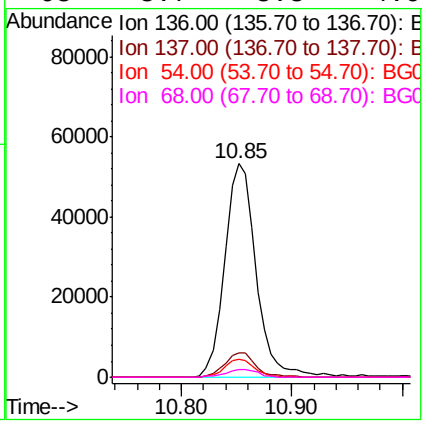


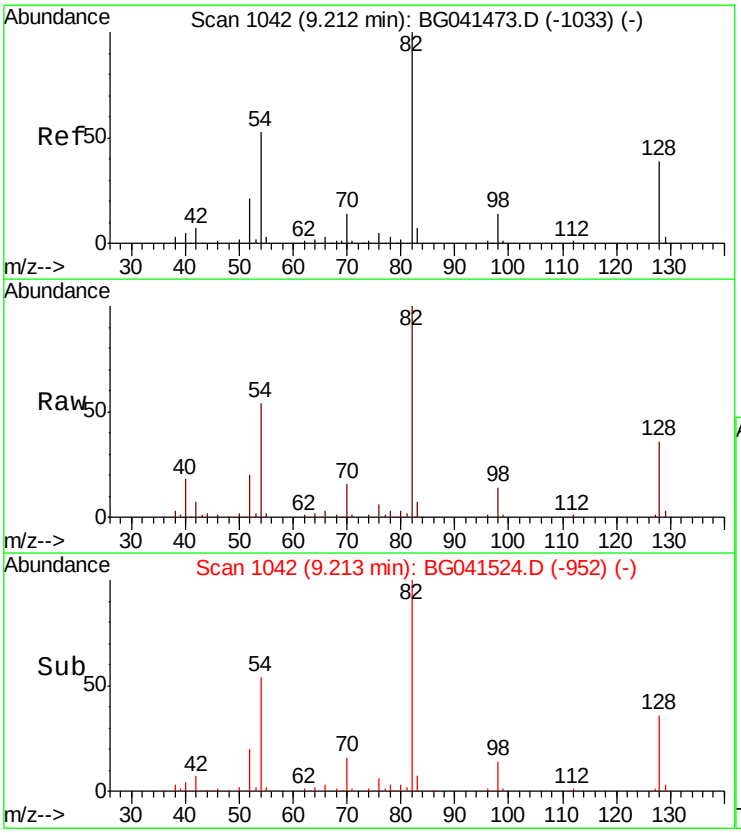
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Instrument :
BNA_G
ClientSampleId :
VNJ-219-CONCRETE

Tgt Ion:136 Resp: 106146

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	8.7	7.1	10.7
68	3.7	3.3	4.9

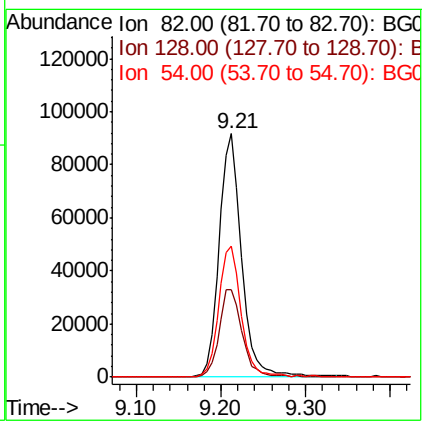


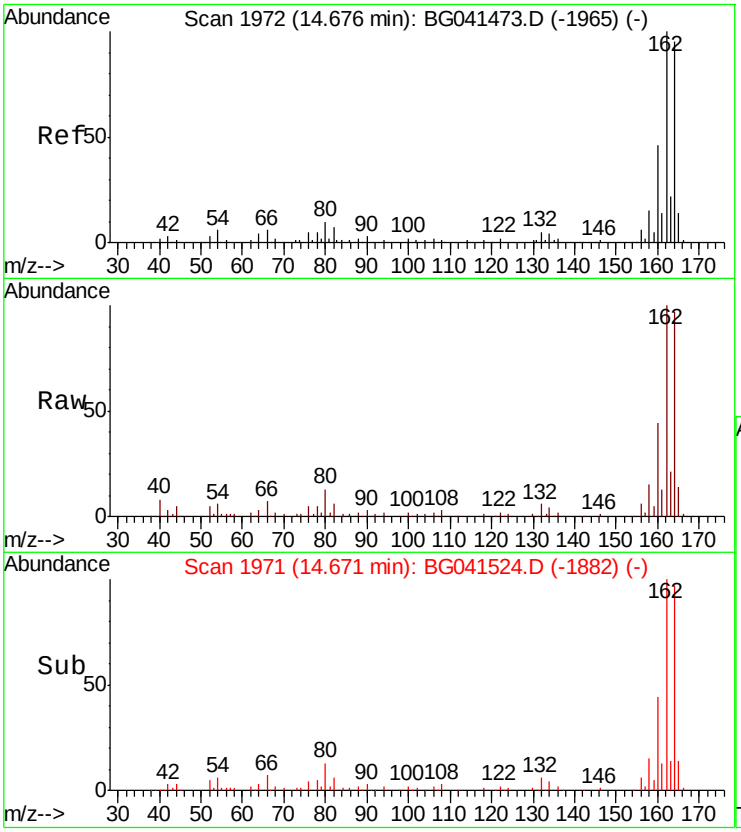


#23
Nitrobenzene-d5
Concen: 66.505 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Tgt Ion: 82 Resp: 169258

Ion	Ratio	Lower	Upper
82	100		
128	36.2	30.9	46.3
54	53.6	42.2	63.2



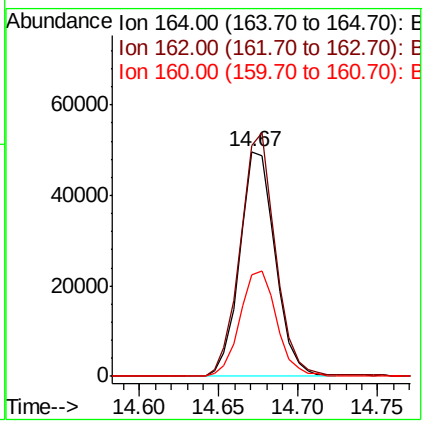


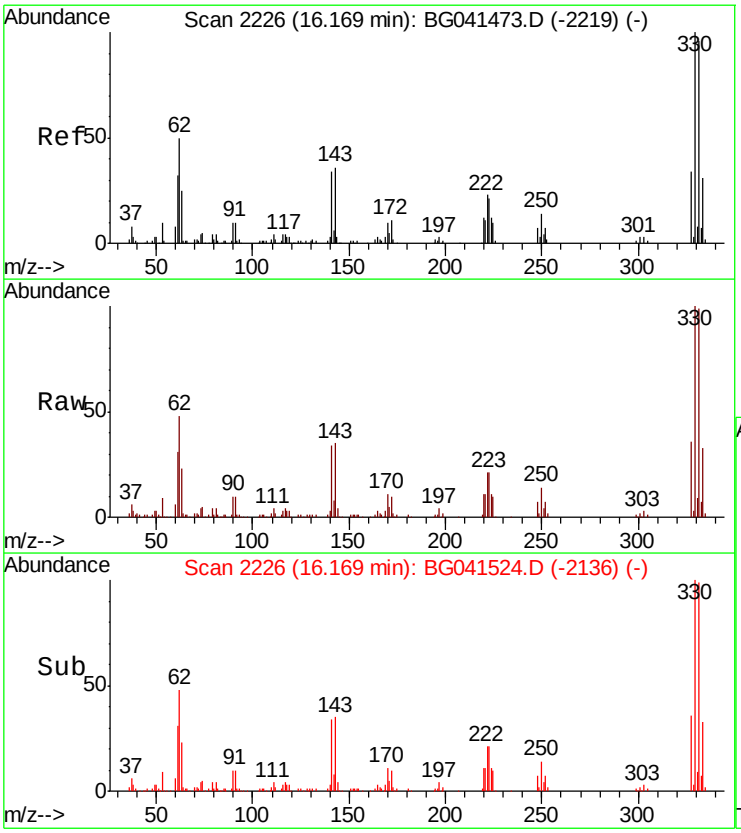
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Instrument :
BNA_G
ClientSampleId :
VNJ-219-CONCRETE

Tgt Ion:164 Resp: 77167

Ion	Ratio	Lower	Upper
164	100		
162	102.7	84.4	126.6
160	45.3	38.8	58.2

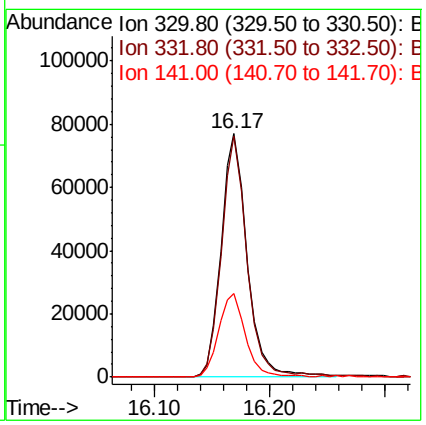


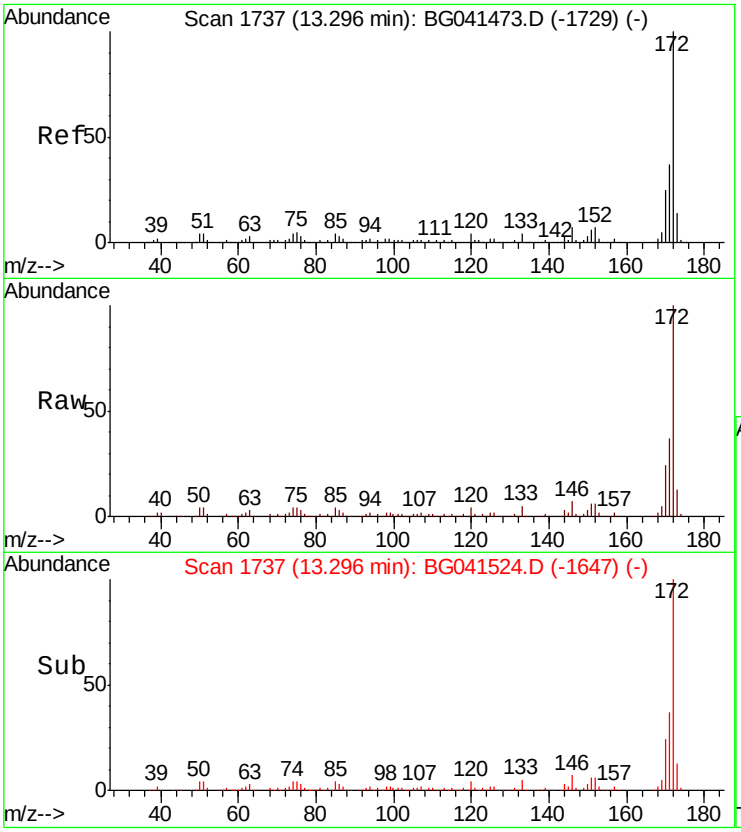


#42
2,4,6-Tribromophenol
Concen: 91.406 ng
RT: 16.17 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Tgt Ion:330 Resp: 120435

Ion	Ratio	Lower	Upper
330	100		
332	98.0	75.5	113.3
141	35.5	27.8	41.6



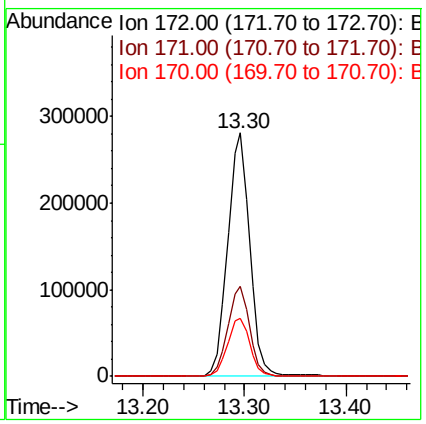


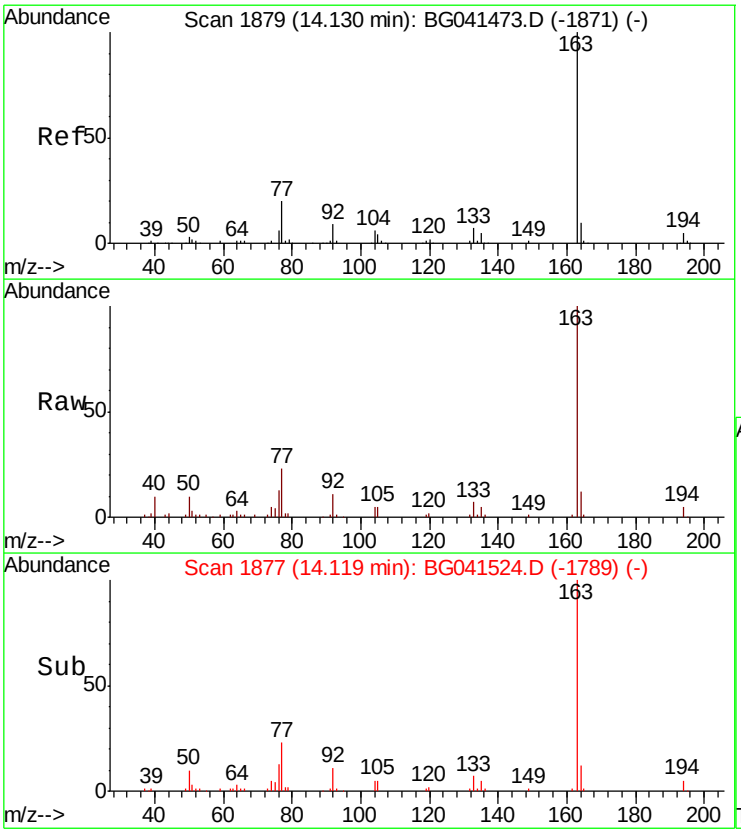
#45
2-Fluorobiphenyl
Concen: 70.585 ng
RT: 13.30 min Scan# 1737
Delta R.T. 0.00 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Instrument :
BNA_G
ClientSampleId :
VNJ-219-CONCRETE

Tgt Ion:172 Resp: 424455

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.6	44.4
170	24.0	20.0	30.0

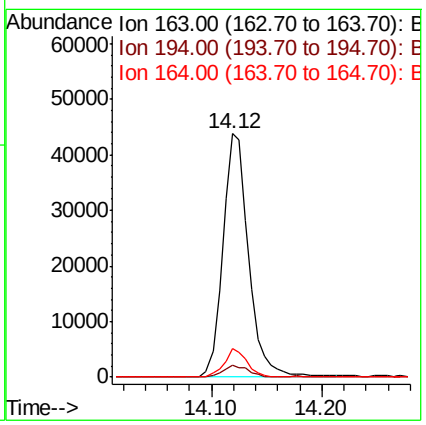


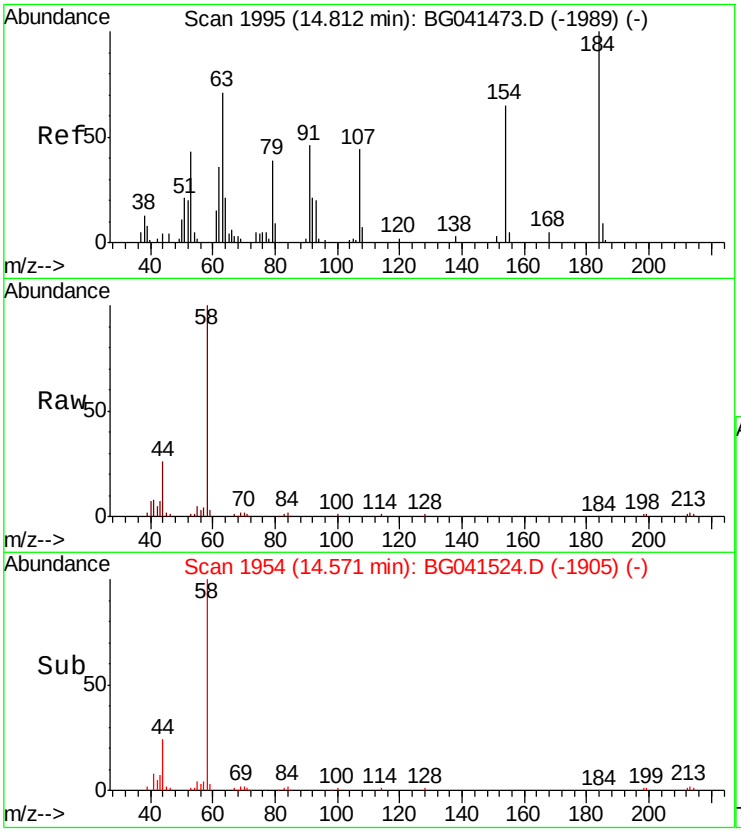


#50
Dimethylphthalate
Concen: 10.152 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Tgt Ion:163 Resp: 71292

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.7	5.5
164	11.8	7.8	11.6#



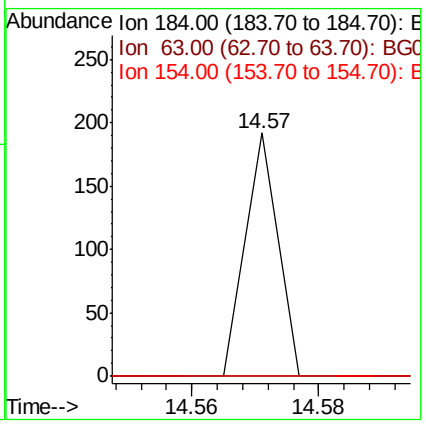


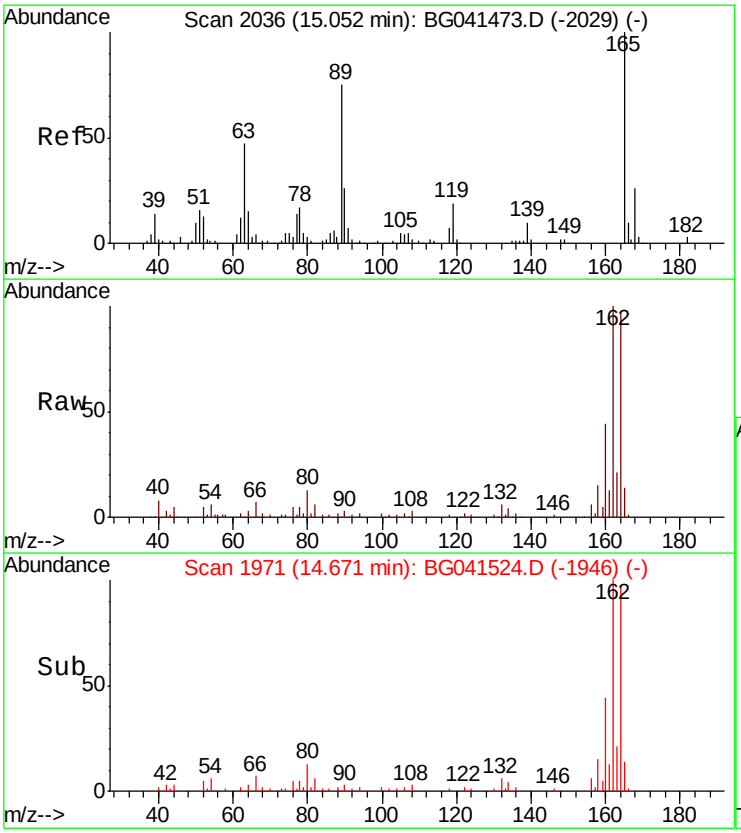
#54
2,4-Dinitrophenol
Concen: 8.016 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.24 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Instrument :
BNA_G
ClientSampleId :
VNJ-219-CONCRETE

Tgt Ion:184 Resp: 68

Ion	Ratio	Lower	Upper
184	100		
63	0.0	56.5	84.7#
154	0.0	54.2	81.4#

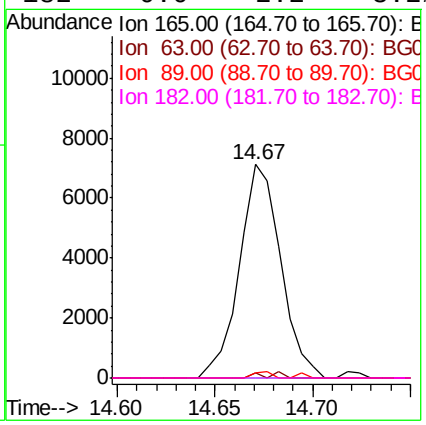


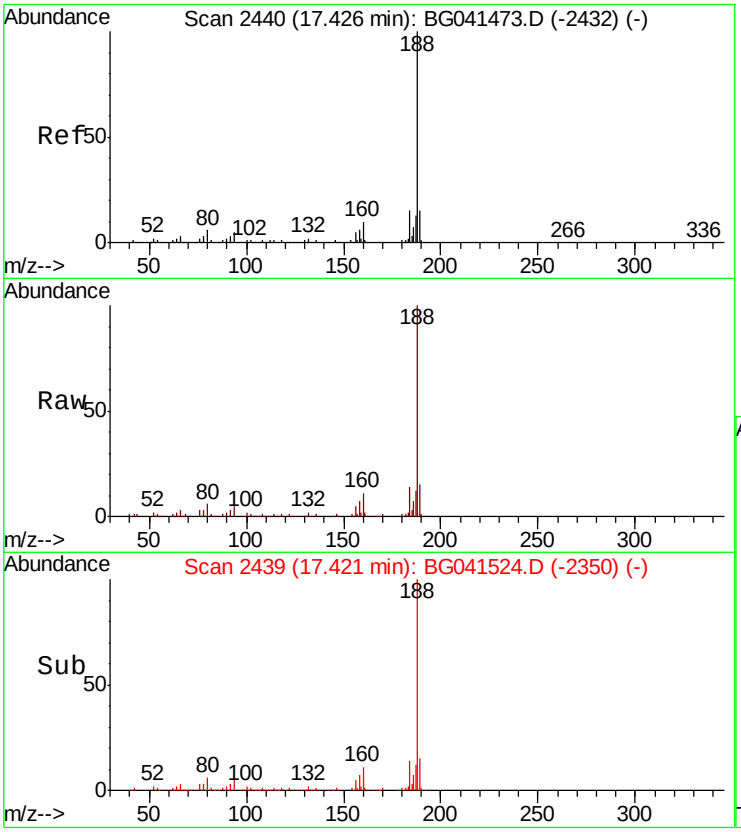


#57
2,4-Dinitrotoluene
Concen: 4.819 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.38 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Tgt Ion:165 Resp: 10418

Ion	Ratio	Lower	Upper
165	100		
63	2.3	38.8	58.2#
89	2.4	60.1	90.1#
182	0.0	2.2	3.2#



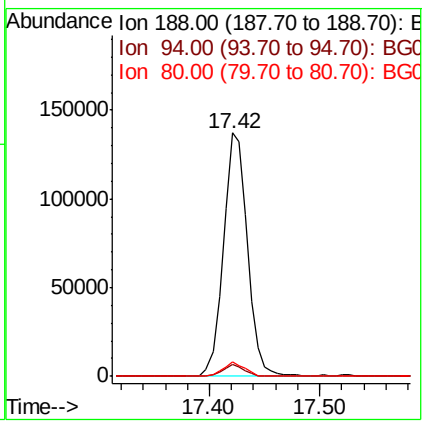


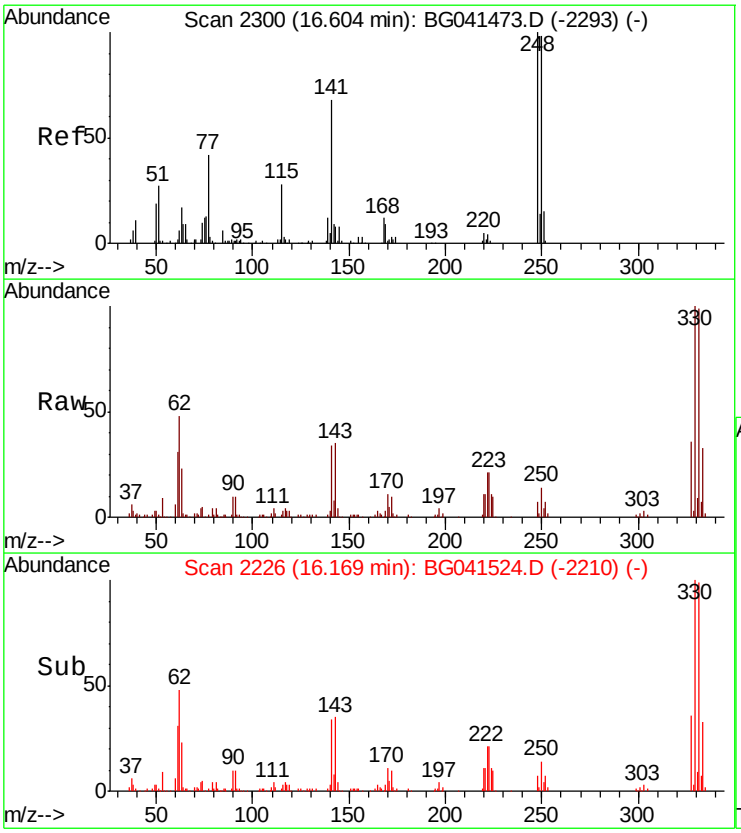
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Instrument :
BNA_G
ClientSampleId :
VNJ-219-CONCRETE

Tgt Ion:188 Resp: 209197

Ion	Ratio	Lower	Upper
188	100		
94	4.7	3.8	5.8
80	6.0	4.8	7.2

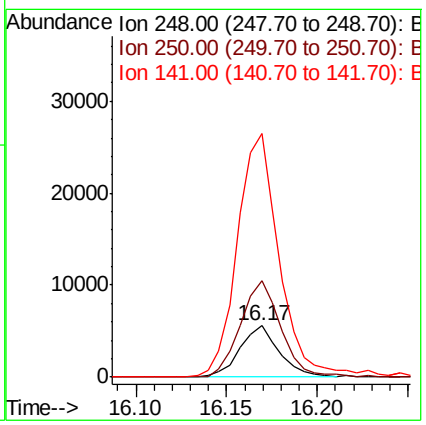


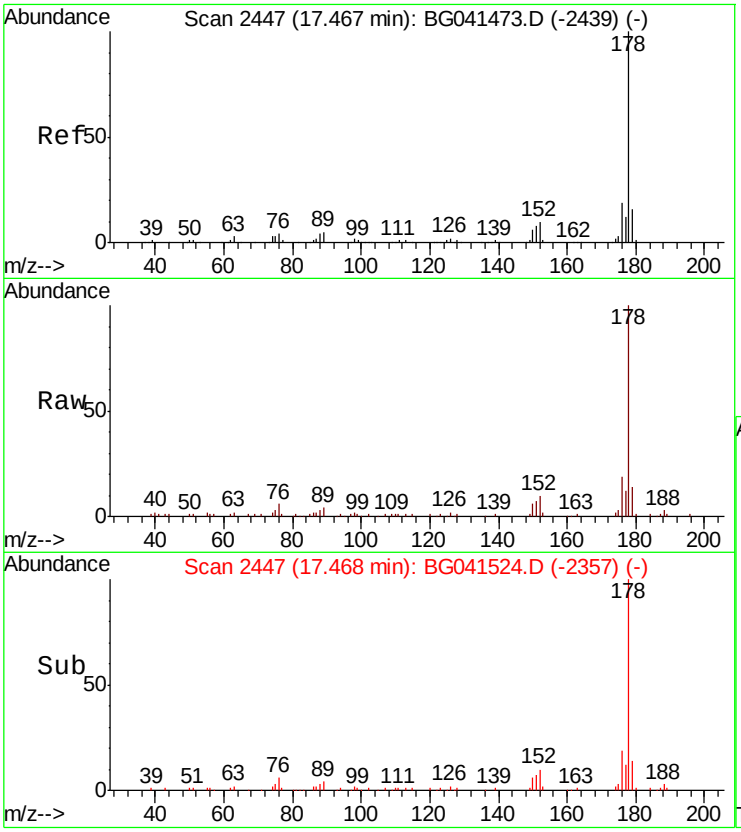


#67
4-Bromophenyl-phenylether
Concen: 2.935 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.43 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Tgt Ion:248 Resp: 8390

Ion	Ratio	Lower	Upper
248	100		
250	149.4	78.1	117.1#
141	379.5	54.1	81.1#



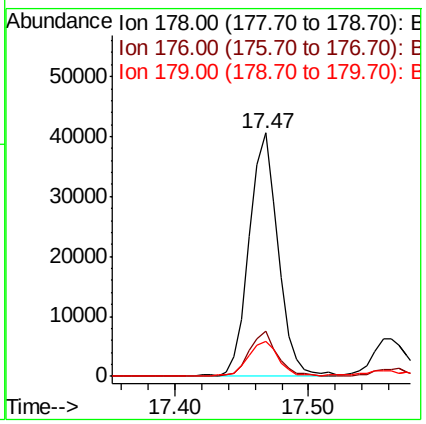


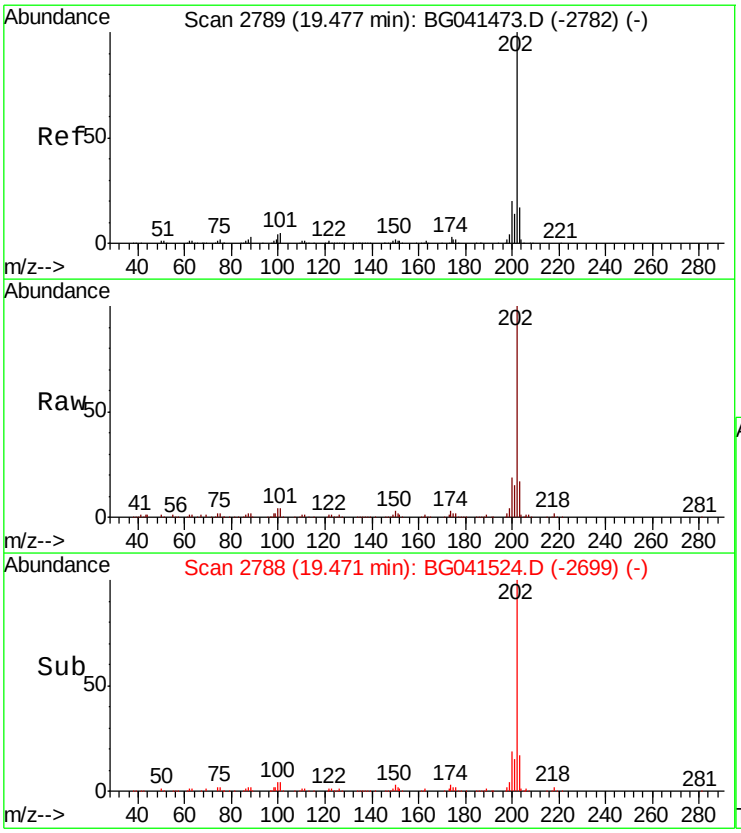
#71
Phenanthrene
Concen: 5.254 ng
RT: 17.47 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Instrument :
BNA_G
ClientSampleId :
VNJ-219-CONCRETE

Tgt Ion:178 Resp: 60562

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	14.1	13.0	19.4

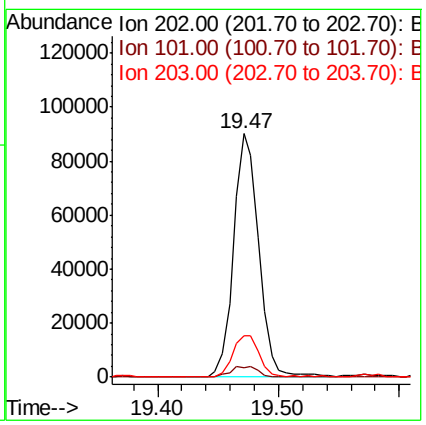


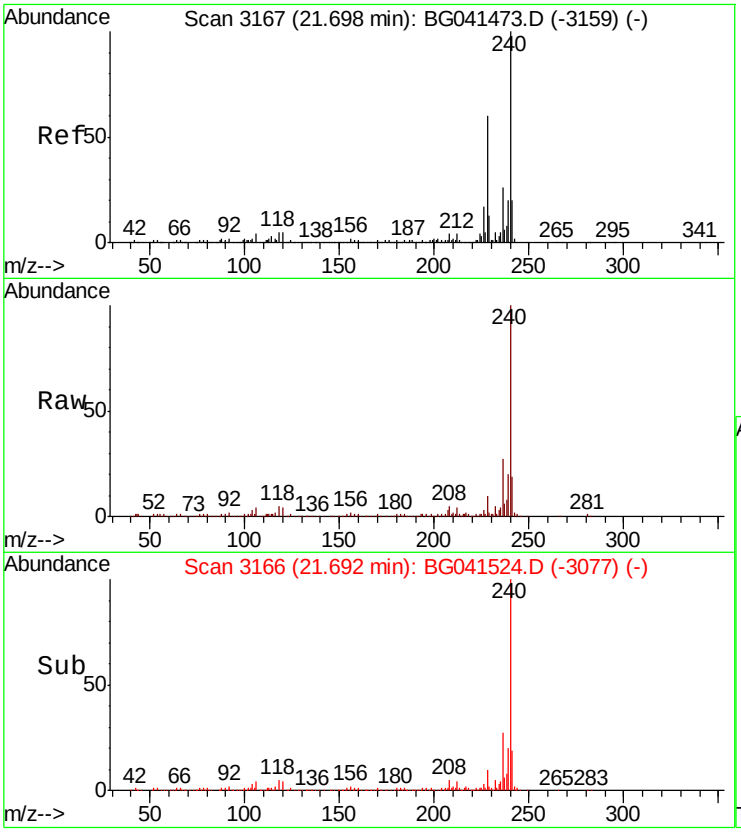


#75
Fluoranthene
Concen: 8.516 ng
RT: 19.47 min Scan# 2788
Delta R.T. -0.01 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Tgt Ion:202 Resp: 130871

Ion	Ratio	Lower	Upper
202	100		
101	4.1	0.0	24.9
203	17.2	0.0	37.5



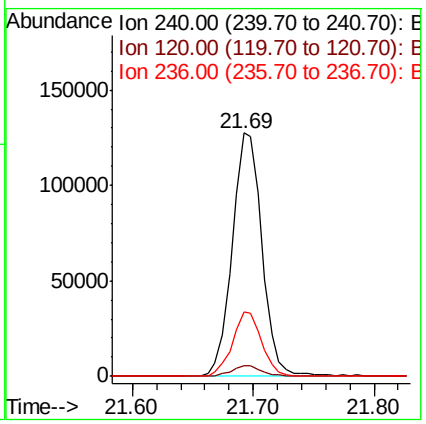


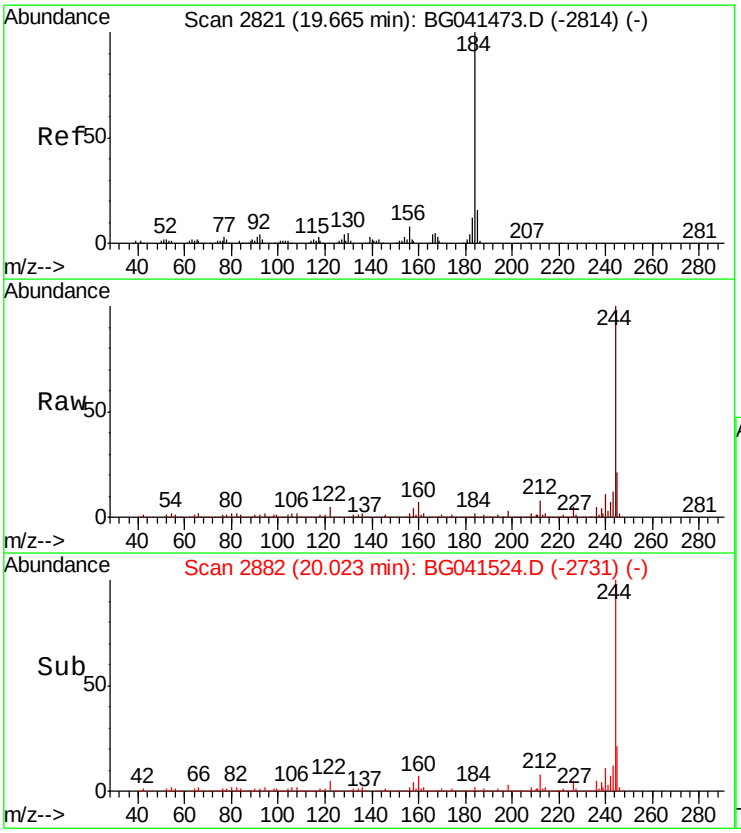
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Instrument :
BNA_G
ClientSampleId :
VNJ-219-CONCRETE

Tgt Ion:240 Resp: 218335

Ion	Ratio	Lower	Upper
240	100		
120	4.5	3.7	5.5
236	26.6	20.8	31.2

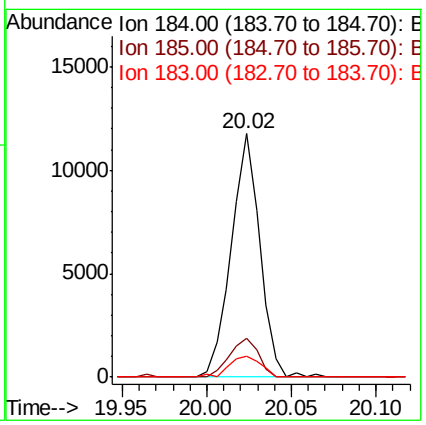


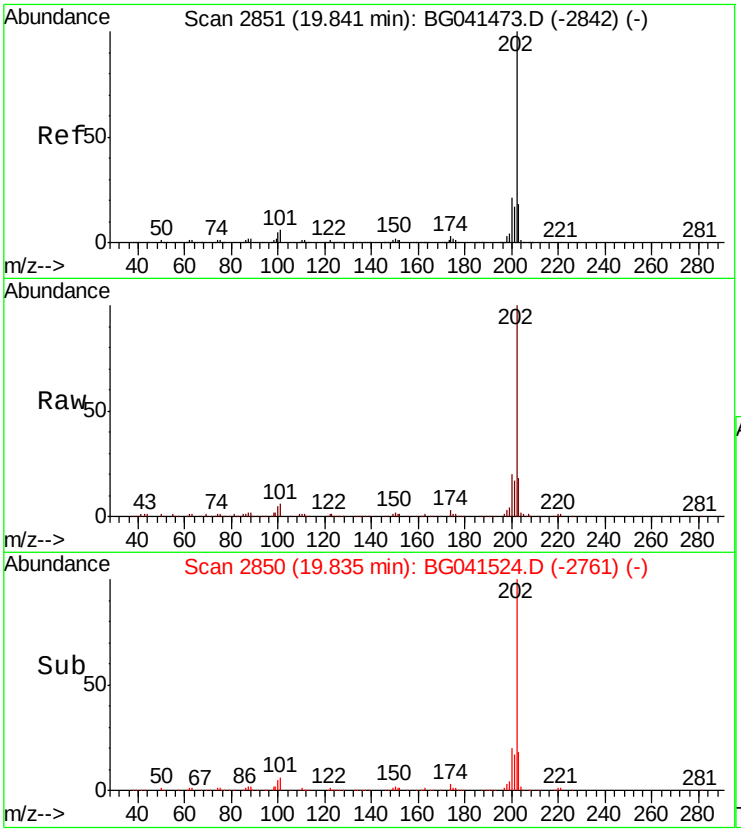


#77
Benzidine
Concen: 2.850 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.36 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Tgt Ion:184 Resp: 13805

Ion	Ratio	Lower	Upper
184	100		
185	15.8	12.7	19.1
183	8.4	9.4	14.2#



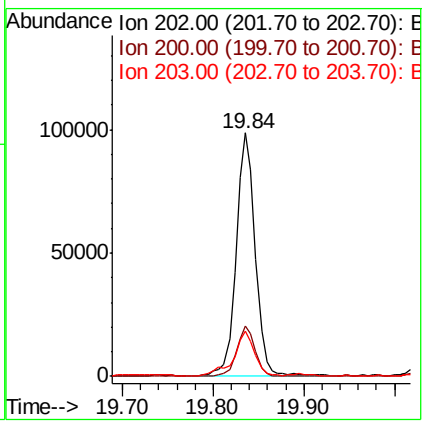


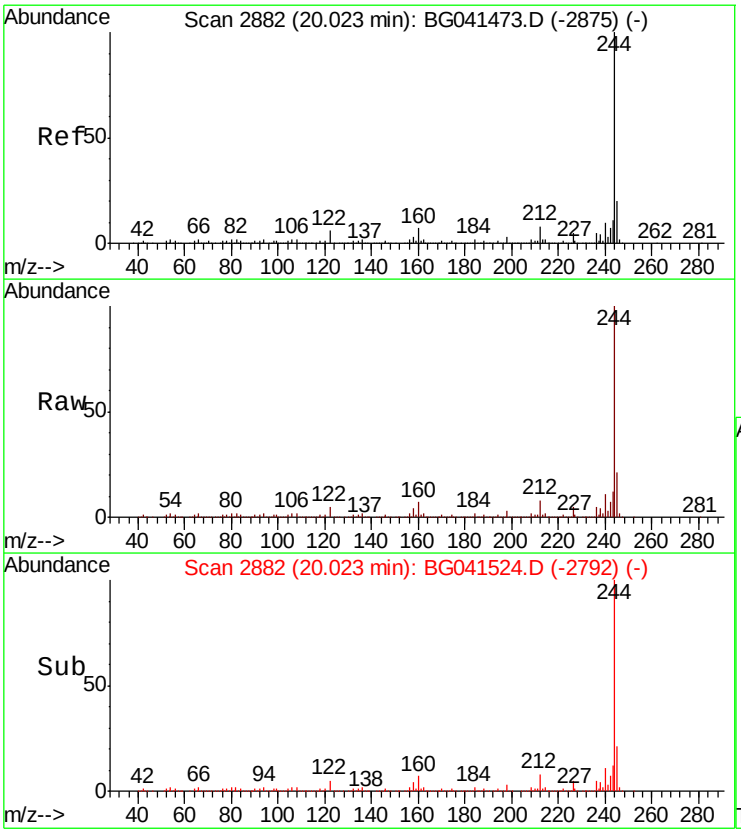
#78
Pyrene
Concen: 9.692 ng
RT: 19.84 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Instrument :
BNA_G
ClientSampleId :
VNJ-219-CONCRETE

Tgt Ion:202 Resp: 144459

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.8	25.2
203	18.4	14.2	21.4

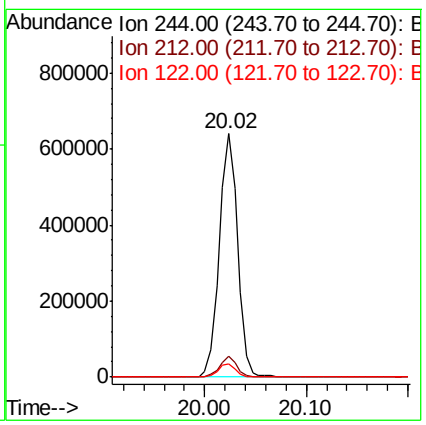


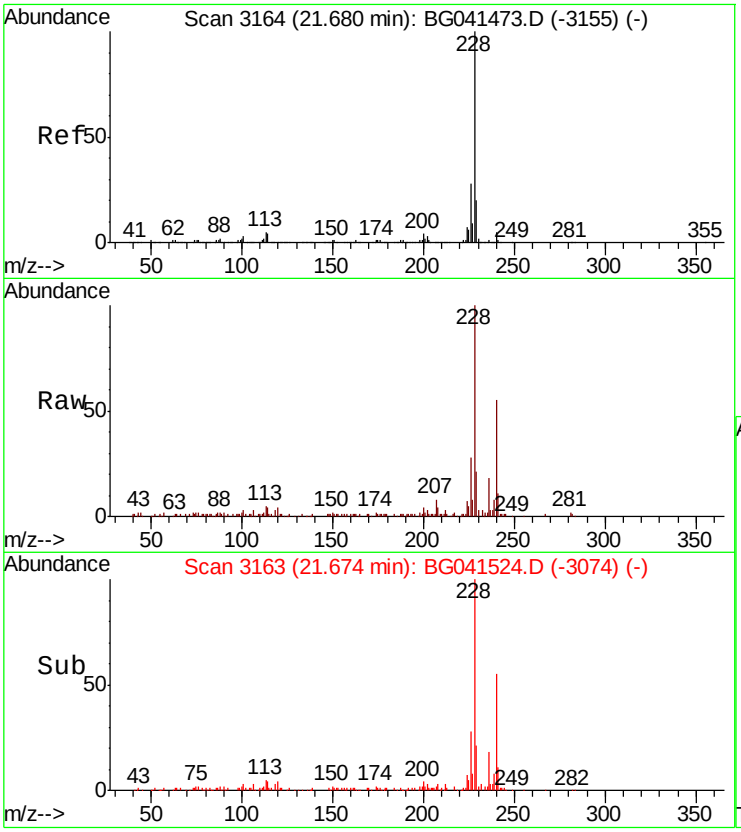


#79
Terphenyl-d14
Concen: 78.047 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.00 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Tgt Ion:244 Resp: 801865

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.2	9.4
122	5.5	4.8	7.2



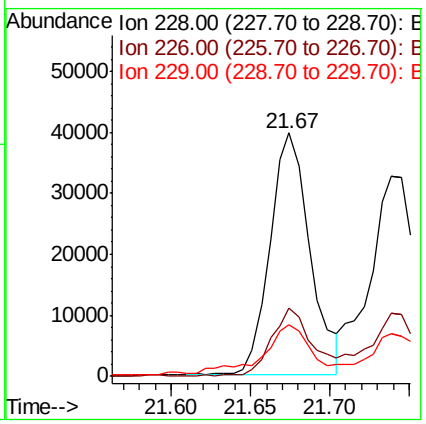


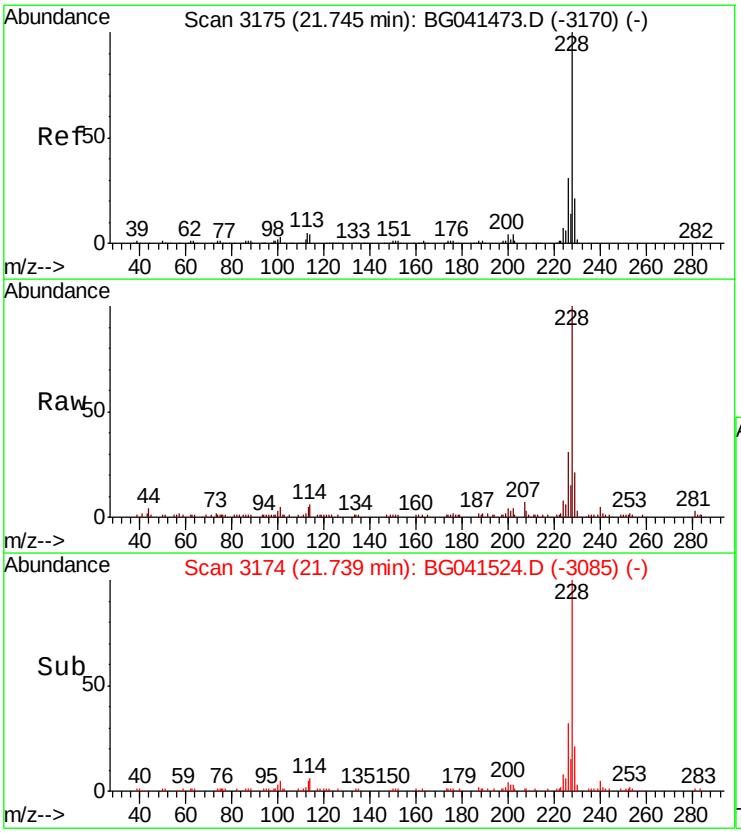
#81
Benzo(a)anthracene
Concen: 4.584 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Instrument :
BNA_G
ClientSampleId :
VNJ-219-CONCRETE

Tgt Ion:228 Resp: 69580

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	21.1	16.1	24.1

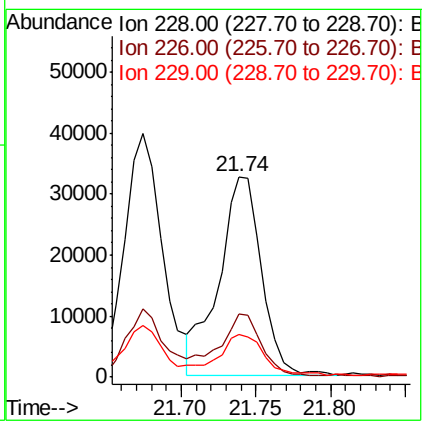


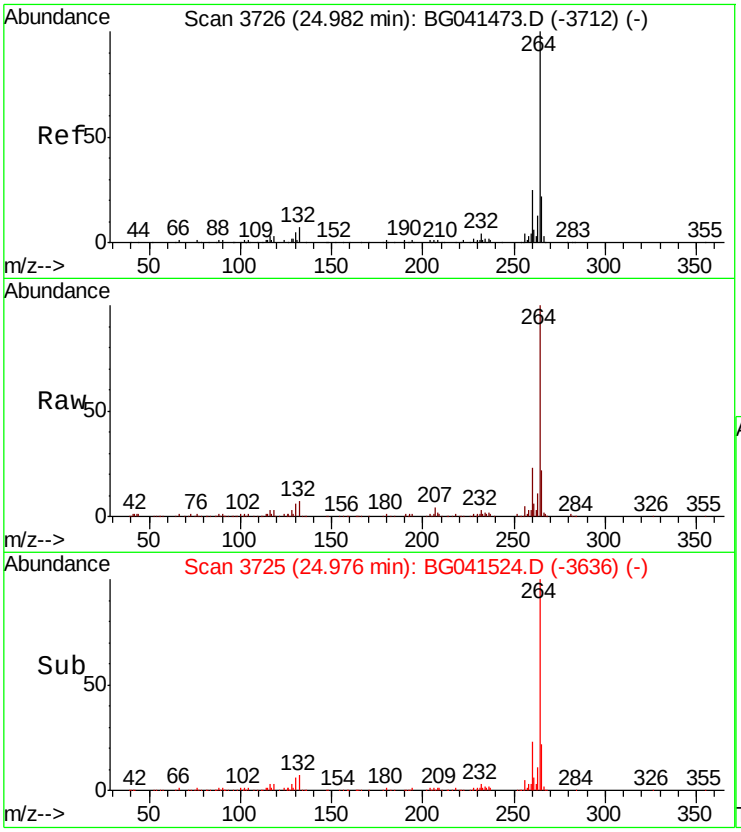


#83
Chrysene
Concen: 4.428 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Tgt Ion:228 Resp: 65062

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.4
229	21.3	16.8	25.2



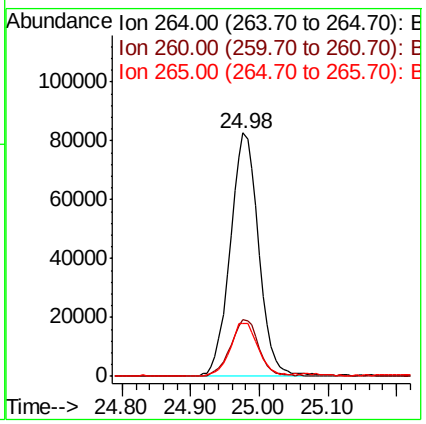


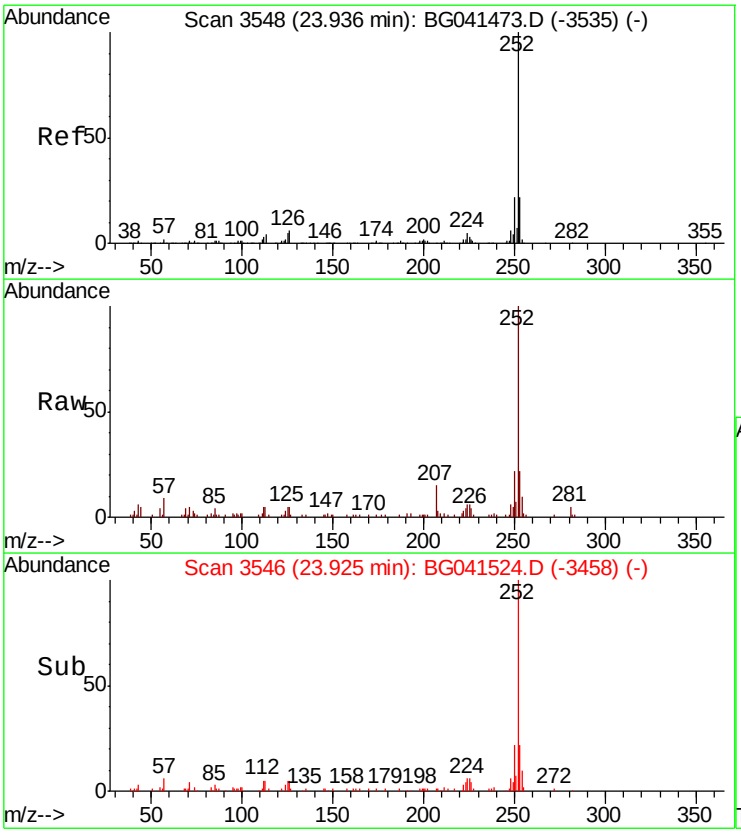
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3725
Delta R.T. -0.01 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Instrument :
BNA_G
ClientSampleId :
VNJ-219-CONCRETE

Tgt Ion:264 Resp: 238562

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.7	29.5
265	21.6	17.4	26.2

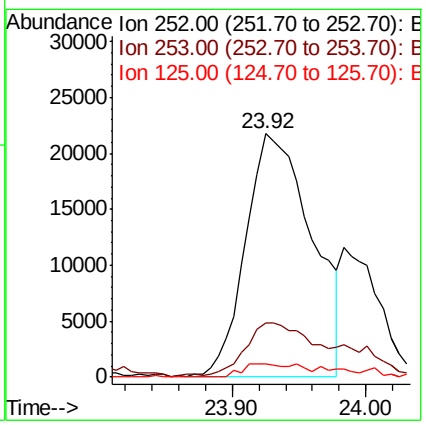


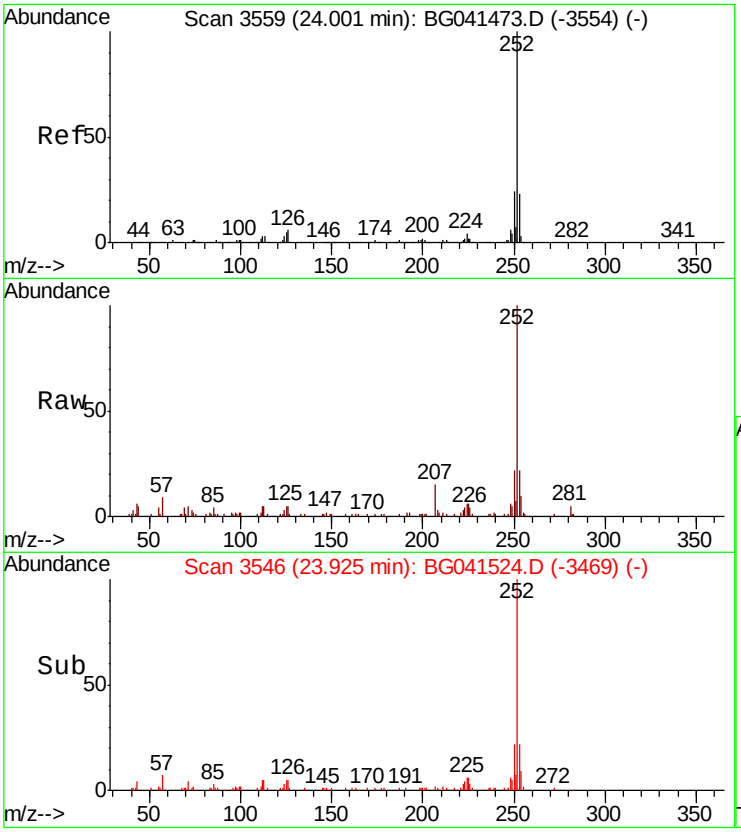


#88
Benzo(b)fluoranthene
Concen: 4.920 ng
RT: 23.92 min Scan# 3546
Delta R.T. -0.01 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Tgt Ion:252 Resp: 74857

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	5.2	3.8	5.8



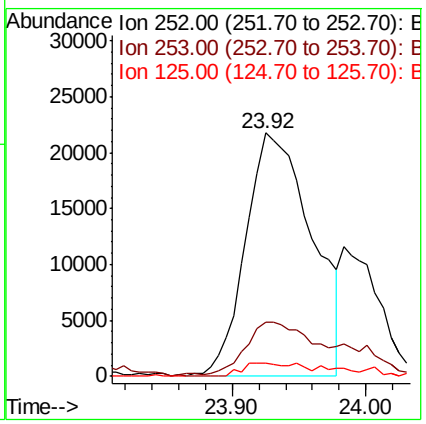


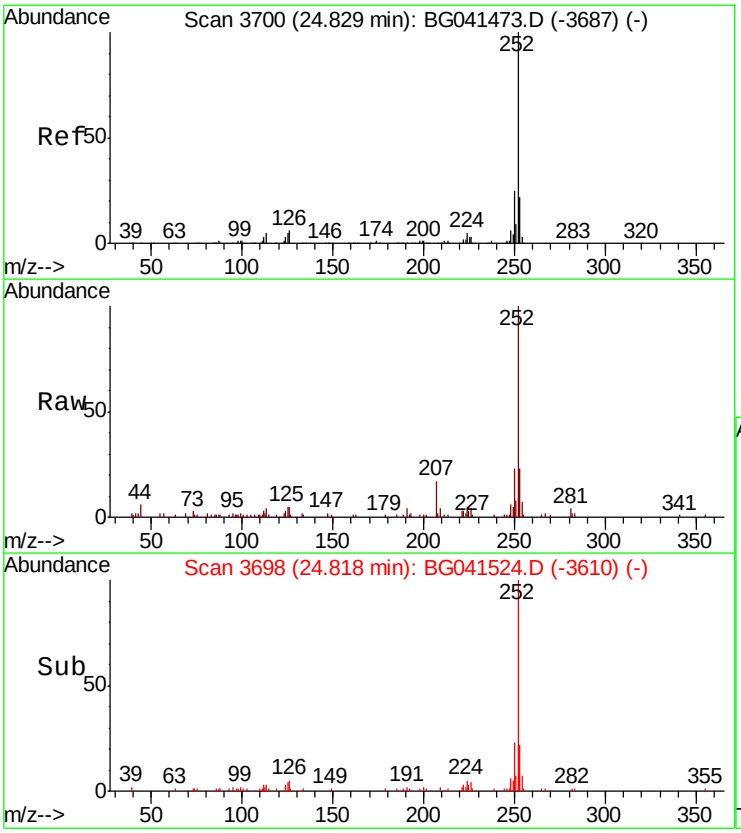
#89
Benzo(k)fluoranthene
Concen: 5.011 ng
RT: 23.92 min Scan# 3546
Delta R.T. -0.08 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Instrument :
BNA_G
ClientSampleId :
VNJ-219-CONCRETE

Tgt Ion:252 Resp: 74857

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.3	27.5
125	5.2	4.0	6.0

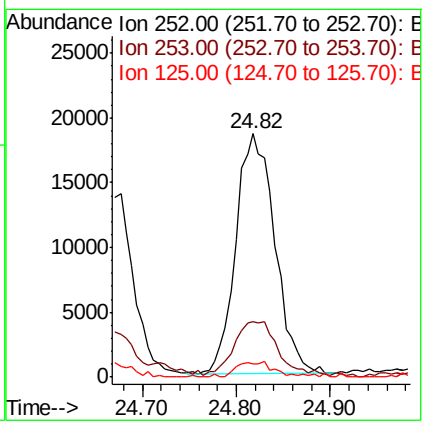


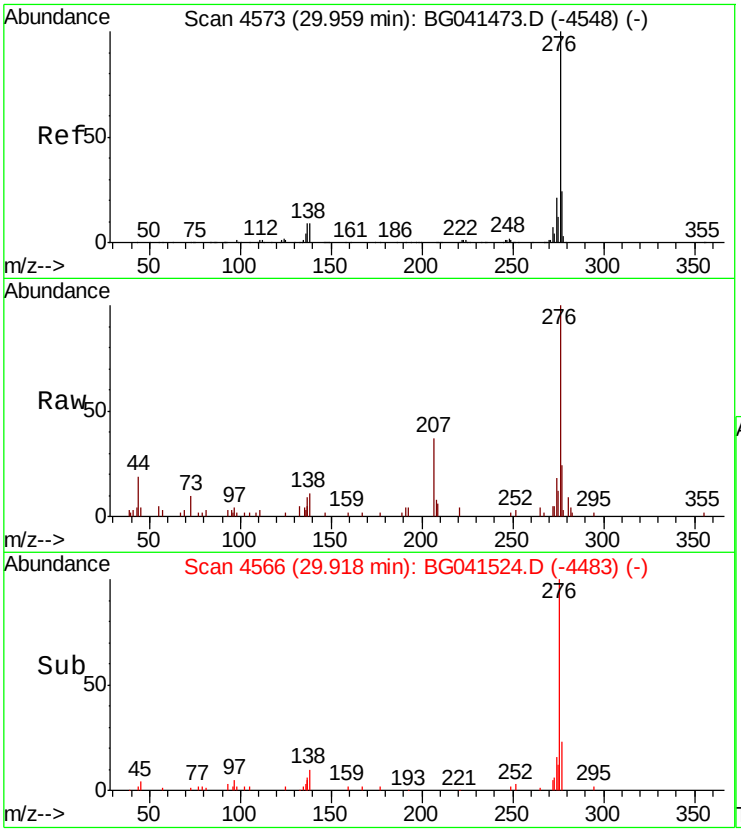


#90
Benzo(a)pyrene
Concen: 3.688 ng
RT: 24.82 min Scan# 3698
Delta R.T. -0.01 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Tgt Ion:252 Resp: 53302

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	5.2	4.4	6.6





#92
Benzo(g,h,i)perylene
Concen: 2.614 ng
RT: 29.92 min Scan# 4566
Delta R.T. -0.04 min
Lab File: BG041524.D
Acq: 28 Jun 2019 22:20

Instrument :
BNA_G
ClientSampleId :
VNJ-219-CONCRETE

Tgt Ion:276 Resp: 37631

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.4	29.2
138	11.5	7.6	11.4#