Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043277.D
Acq On : 18 Oct 2019 00:46
Operator : JU
Sample : K5350-01DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ-209DL

Quant Time: Oct 18 02:33:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	51718	20.00	ng		-0.02
21) Naphthalene-d8	10.84	136	215641	20.00	ng		-0.02
39) Acenaphthene-d10	14.67	164	149663	20.00	ng		-0.01
64) Phenanthrene-d10	17.41	188	319911	20.00	ng		0.00
76) Chrysene-d12	21.68	240	345701	20.00	ng		0.00
87) Perylene-d12	24.90	264	411332	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	32205	11.11	ng		-0.02
7) Phenol-d6	7.21	99	42128	10.09	ng		-0.02
23) Nitrobenzene-d5	9.20	82	25669	5.79	ng		-0.01
42) 2,4,6-Tribromophenol	16.15	330	23310	9.06	ng		-0.01
45) 2-Fluorobiphenyl	13.29	172	80873	7.83	ng		-0.02
79) Terphenyl-d14	20.01	244	137336	8.47	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	10.90	128	377239	35.538	ng		99
33) 4-Chloroaniline	10.90	127	52218	11.336	ng	#	38
37) 2-Methylnaphthalene	12.49	142	98816	12.202	ng		95
38) 1-Methylnaphthalene	12.49	142	98816	12.896	ng		99
46) 1,1'-Biphenyl	13.50	154	54825	4.831	ng		99
51) 2,6-Dinitrotoluene	14.66	165	24357	10.200	ng	#	21
52) Acenaphthene	14.73	154	128259	14.716	ng		98
55) Dibenzofuran	15.06	168	258575	20.056	ng		98
56) 4-Nitrophenol	15.06	139	101979	54.233	ng	#	1
58) Fluorene	15.71	166	292118	26.539	ng		96
71) Phenanthrene	17.46	178	1094330	70.068	ng		98
72) Anthracene	17.55	178	1541764	98.883	ng		95
73) Carbazole	17.82	167	460984	31.883	ng		96
75) Fluoranthene	19.46	202	552704	26.755	ng		97
78) Pyrene	19.82	202	400814	19.425	ng		99
81) Benzo(a)anthracene	21.66	228	158785	7.372	ng		95
83) Chrysene	21.72	228	170897	8.176	ng		97
88) Benzo(b)fluoranthene	23.88	252	105499	4.533	ng		97
89) Benzo(k)fluoranthene	23.88	252	105499	4.582	ng		96
90) Benzo(a)pyrene	24.74	252	80085	3.647	ng		95

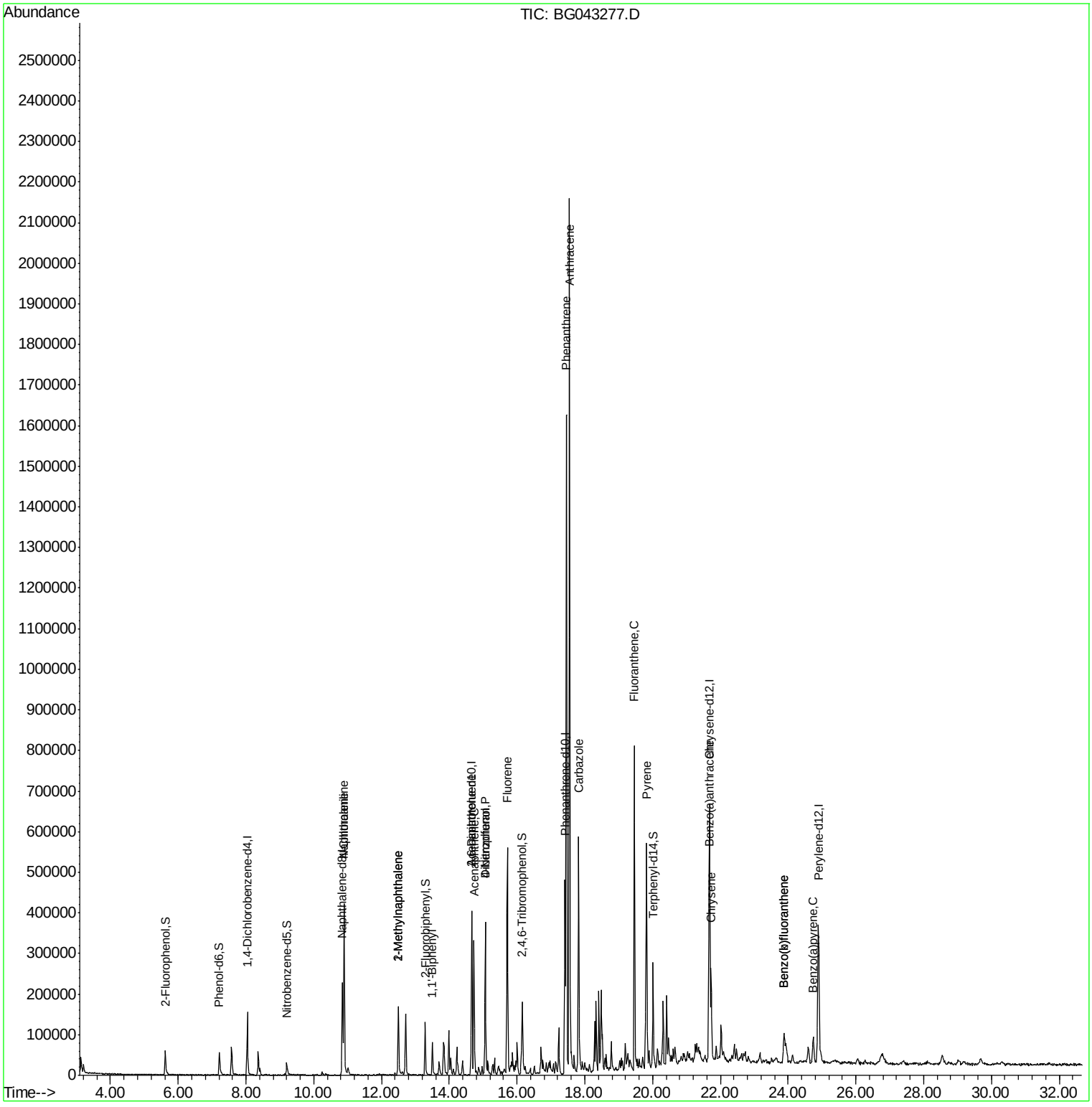
(#) = qualifier out of range (m) = manual integration (+) = signals summed

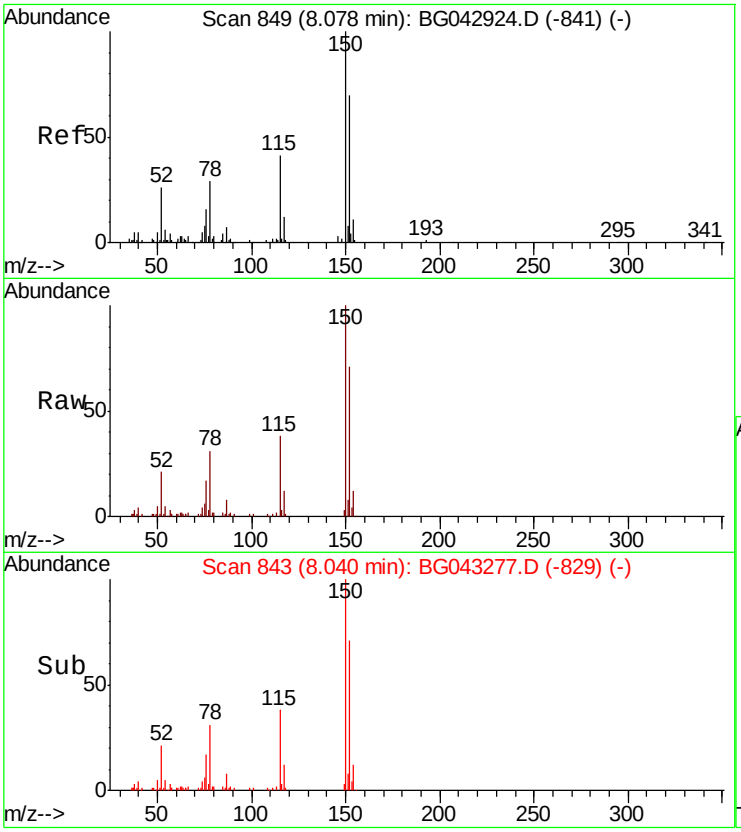
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043277.D
Acq On : 18 Oct 2019 00:46
Operator : JU
Sample : K5350-01DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-209DL

Quant Time: Oct 18 02:33:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration



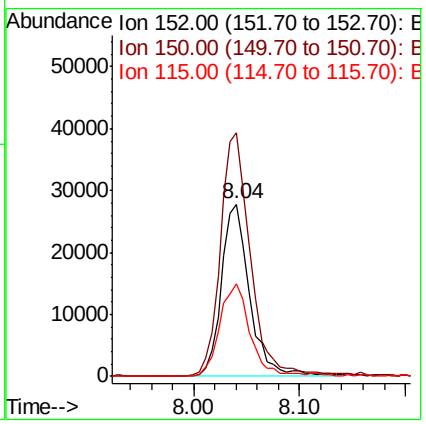


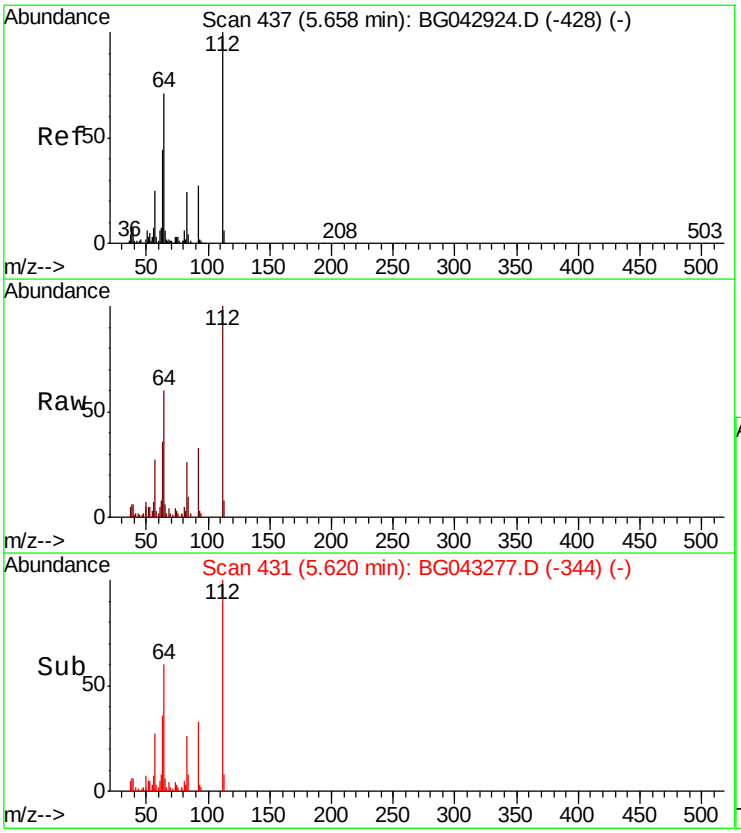
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG043277.D
Acq: 18 Oct 2019 00:46

Instrument :
BNA_G
ClientSampleId :
VNJ-209DL

Tgt Ion:152 Resp: 51718

Ion	Ratio	Lower	Upper
152	100		
150	141.2	115.0	172.4
115	53.3	47.0	70.6

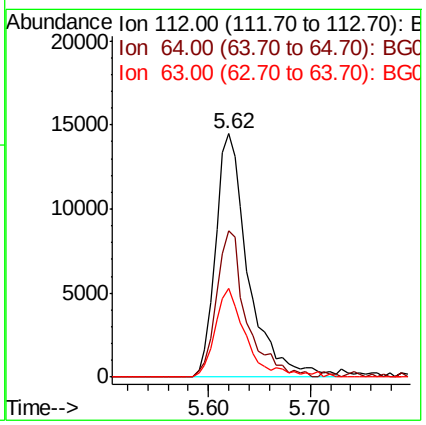


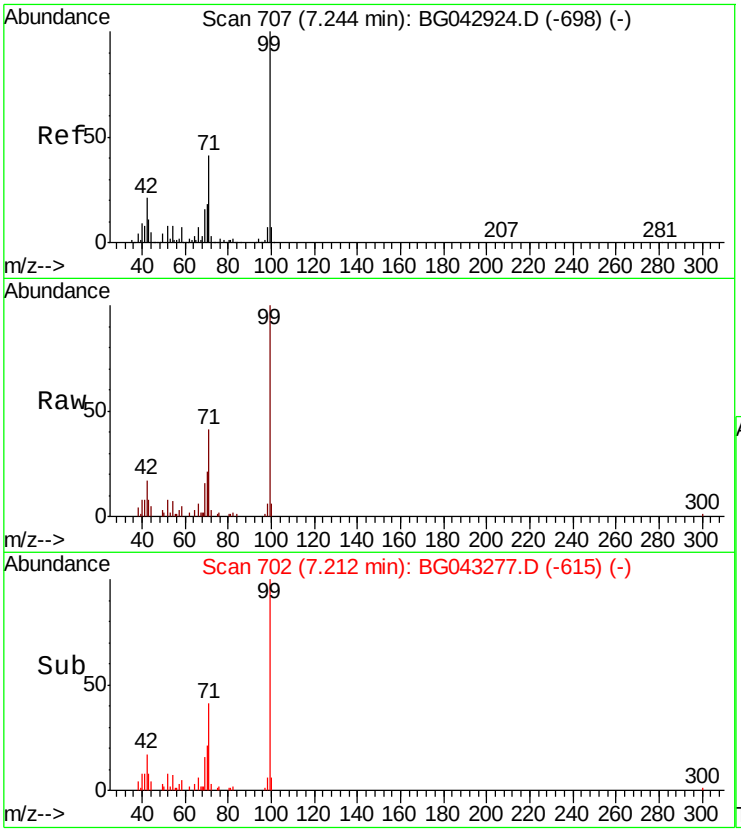


#5
2-Fluorophenol
Concen: 11.113 ng
RT: 5.62 min Scan# 431
Delta R.T. -0.02 min
Lab File: BG043277.D
Acq: 18 Oct 2019 00:46

Tgt Ion:112 Resp: 32205

Ion	Ratio	Lower	Upper
112	100		
64	60.2	56.6	84.8
63	36.3	35.1	52.7



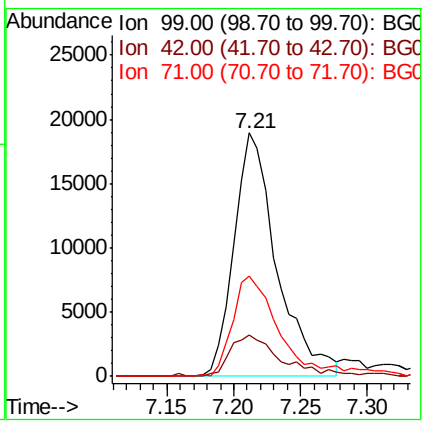


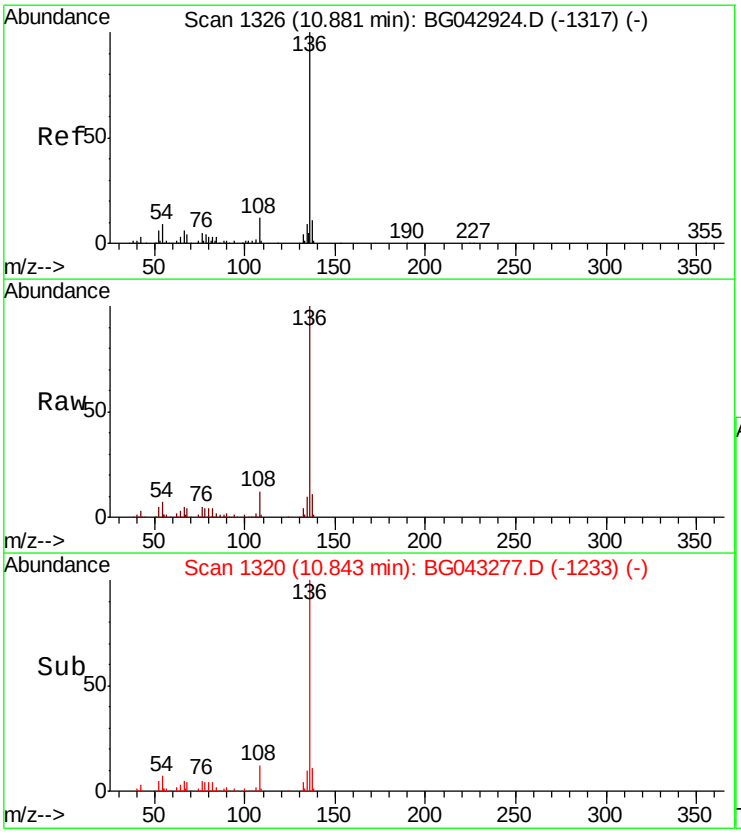
#7
Phenol-d6
Concen: 10.095 ng
RT: 7.21 min Scan# 702
Delta R.T. -0.02 min
Lab File: BG043277.D
Acq: 18 Oct 2019 00:46

Instrument :
BNA_G
ClientSampleId :
VNJ-209DL

Tgt Ion: 99 Resp: 42128

Ion	Ratio	Lower	Upper
99	100		
42	17.0	17.2	25.8#
71	41.0	33.1	49.7

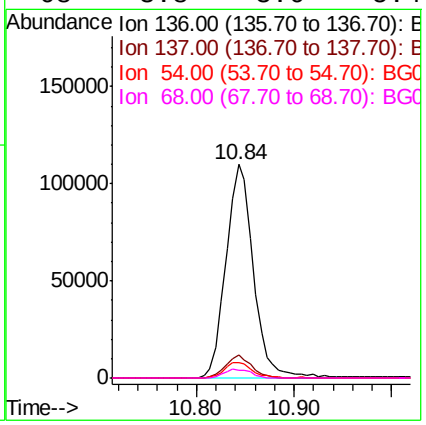


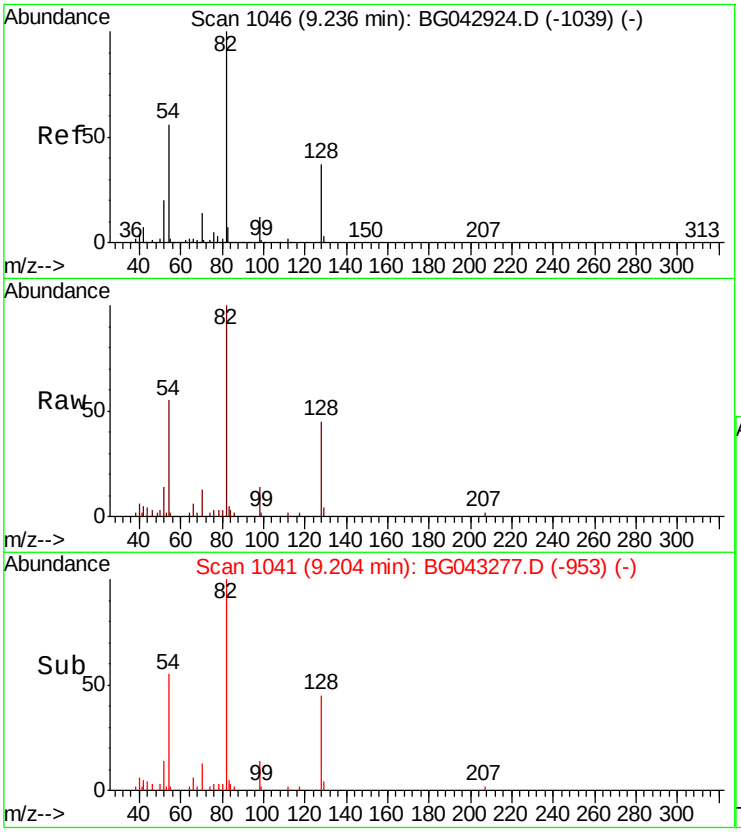


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG043277.D
Acq: 18 Oct 2019 00:46

Tgt Ion:136 Resp: 215641

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	7.1	7.4	11.2#
68	3.8	3.6	5.4



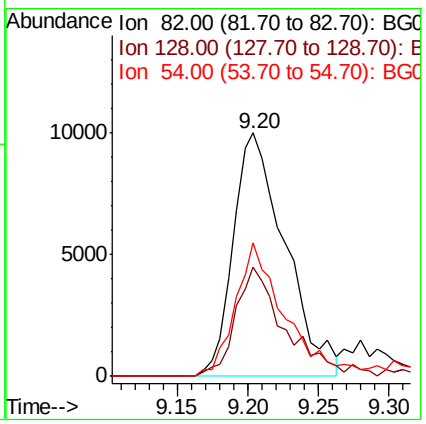


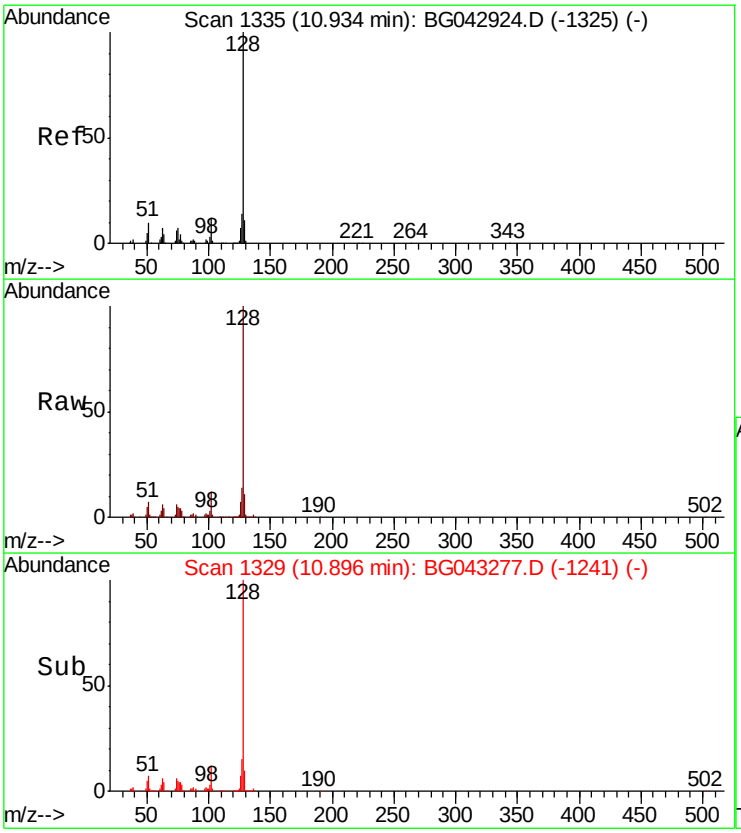
#23
Nitrobenzene-d5
Concen: 5.786 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG043277.D
Acq: 18 Oct 2019 00:46

Instrument :
BNA_G
ClientSampleId :
VNJ-209DL

Tgt Ion: 82 Resp: 25669

Ion	Ratio	Lower	Upper
82	100		
128	44.9	29.5	44.3#
54	54.8	44.6	67.0

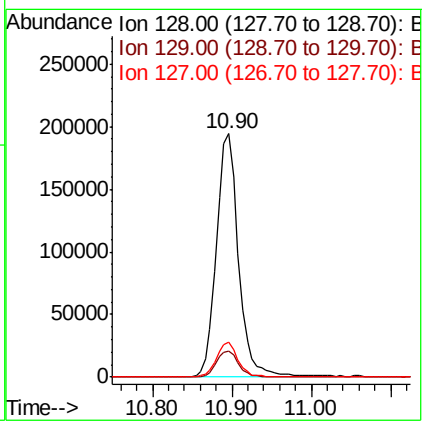


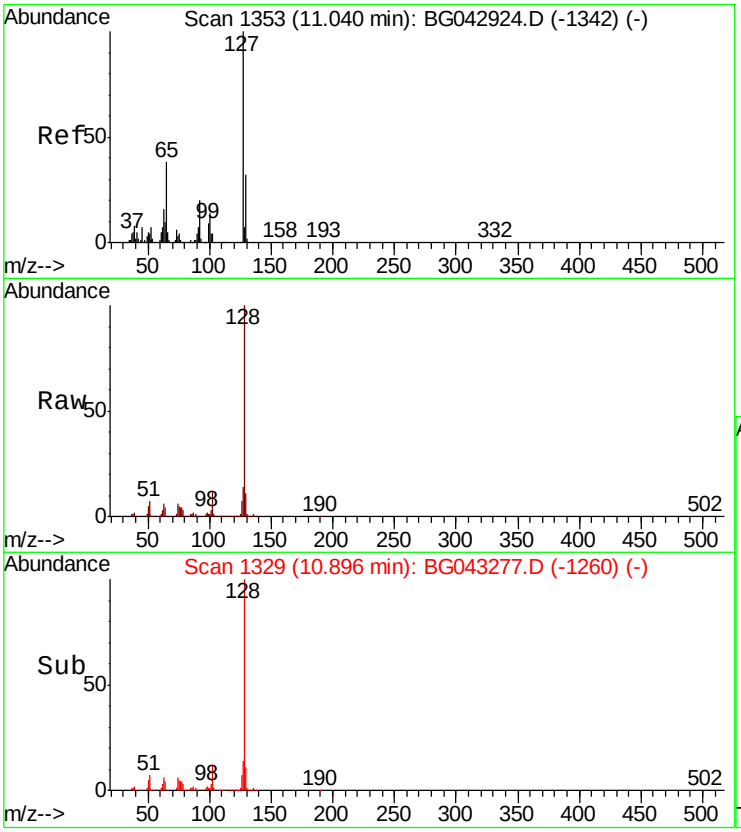


#31
Naphthalene
Concen: 35.538 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG043277.D
Acq: 18 Oct 2019 00:46

Tgt Ion:128 Resp: 377239

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	14.5	11.3	16.9



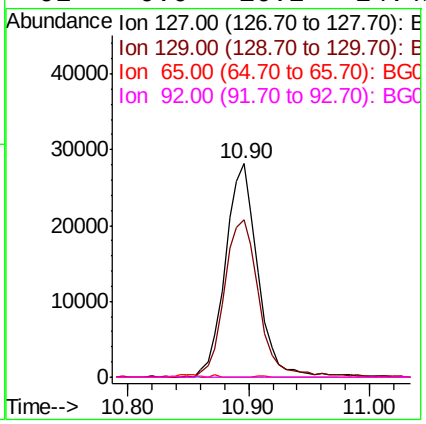


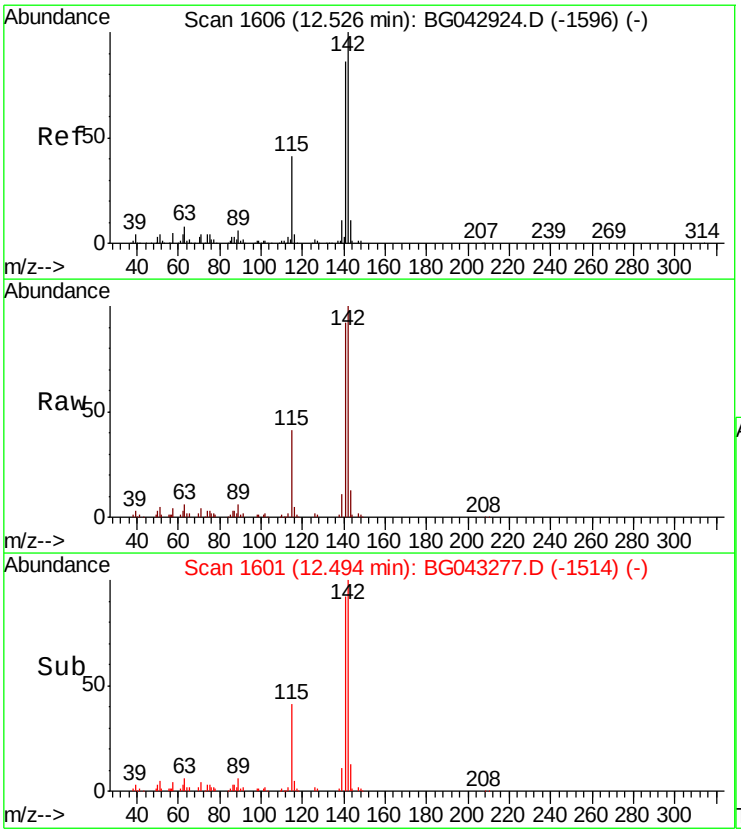
#33
4-Chloroaniline
Concen: 11.336 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.12 min
Lab File: BG043277.D
Acq: 18 Oct 2019 00:46

Instrument :
BNA_G
ClientSampleId :
VNJ-209DL

Tgt Ion:127 Resp: 52218

Ion	Ratio	Lower	Upper
127	100		
129	73.8	26.2	39.2#
65	0.0	30.6	45.8#
92	0.0	16.2	24.4#

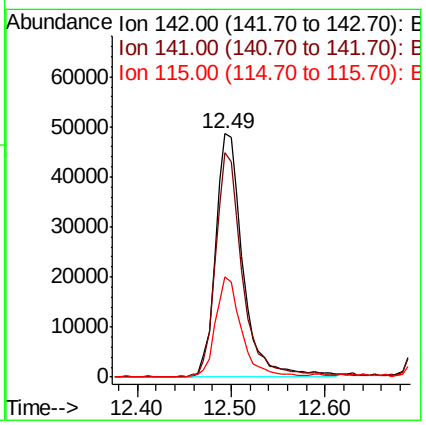


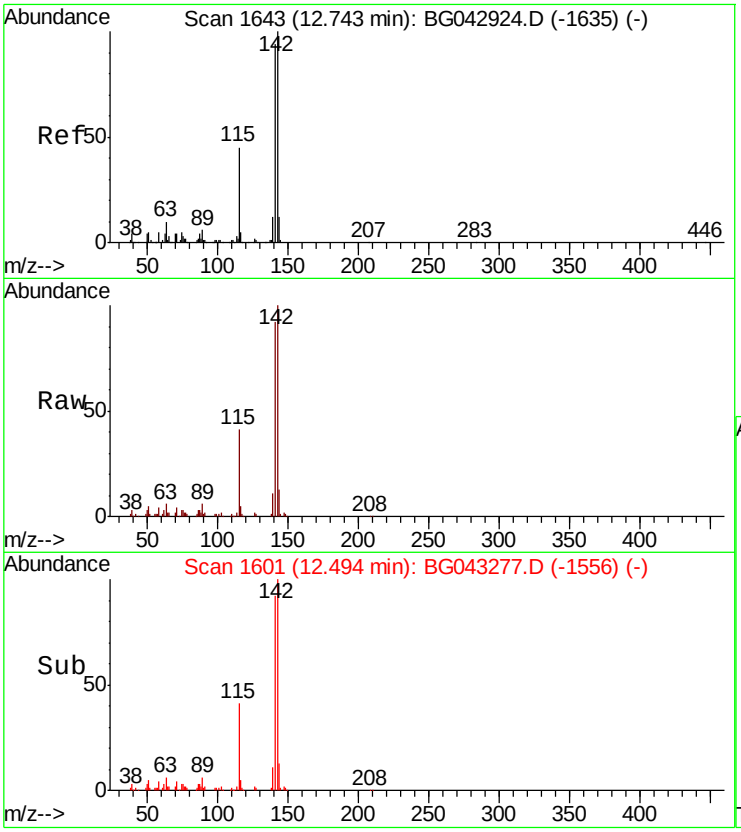


#37
2-Methylnaphthalene
Concen: 12.202 ng
RT: 12.49 min Scan# 1601
Delta R.T. -0.02 min
Lab File: BG043277.D
Acq: 18 Oct 2019 00:46

Tgt Ion:142 Resp: 98816

Ion	Ratio	Lower	Upper
142	100		
141	92.4	69.0	103.4
115	41.1	32.8	49.2



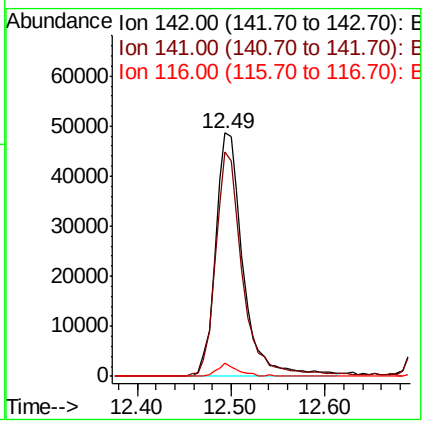


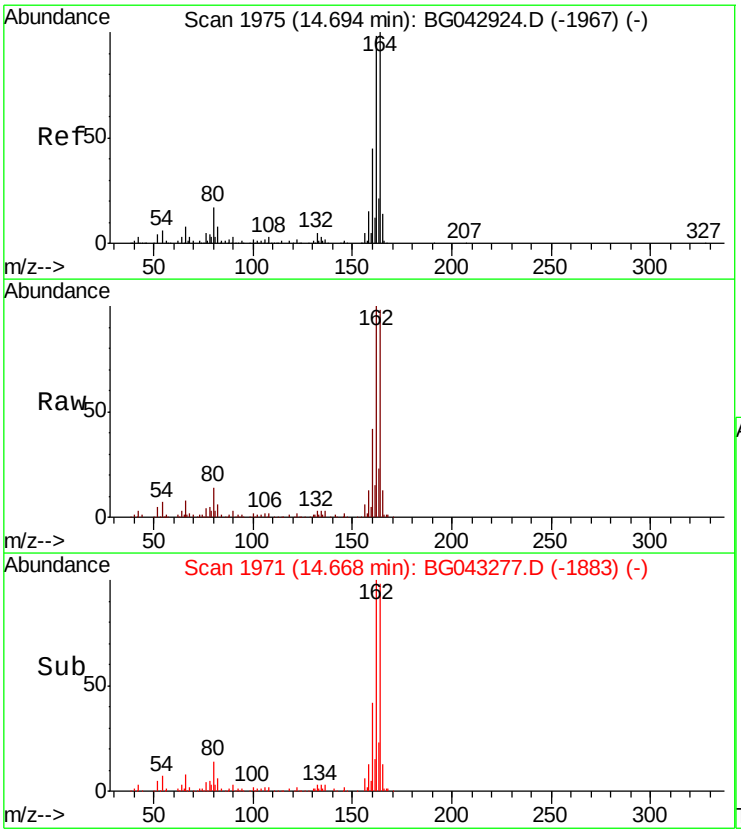
#38
1-Methylnaphthalene
Concen: 12.896 ng
RT: 12.49 min Scan# 1601
Delta R.T. -0.24 min
Lab File: BG043277.D
Acq: 18 Oct 2019 00:46

Instrument :
BNA_G
ClientSampleId :
VNJ-209DL

Tgt Ion:142 Resp: 98816

Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.9	112.3
116	5.4	3.7	5.5

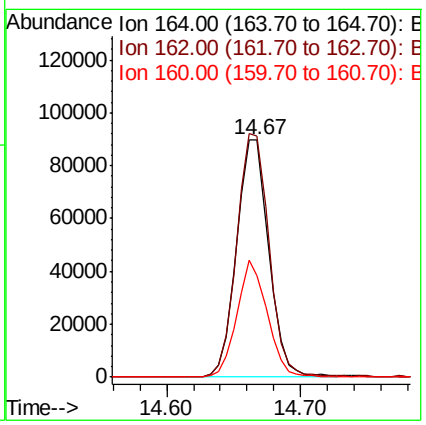


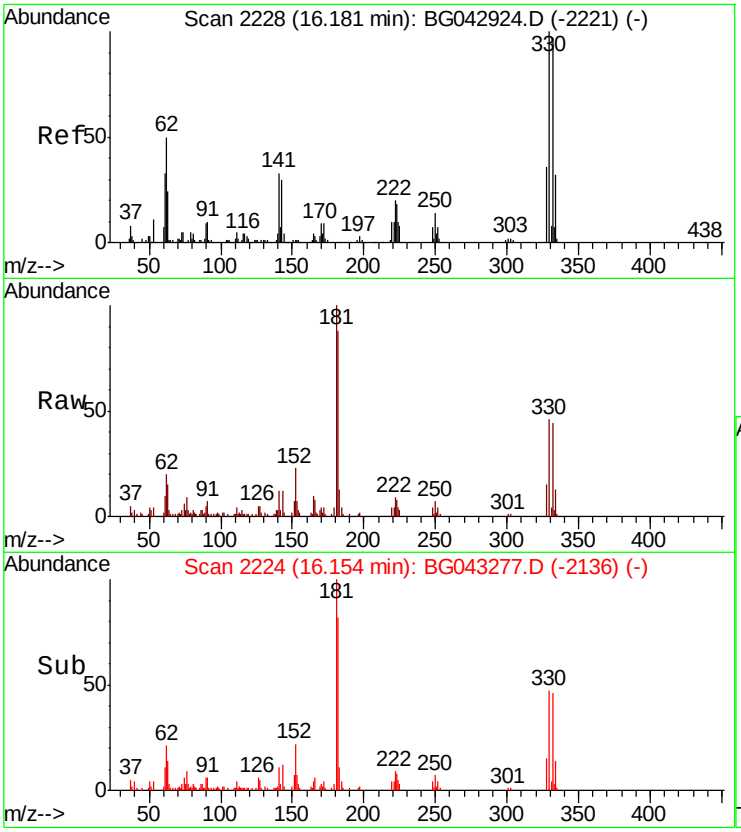


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BG043277.D
Acq: 18 Oct 2019 00:46

Tgt Ion:164 Resp: 149663

Ion	Ratio	Lower	Upper
164	100		
162	101.7	78.5	117.7
160	42.6	35.9	53.9



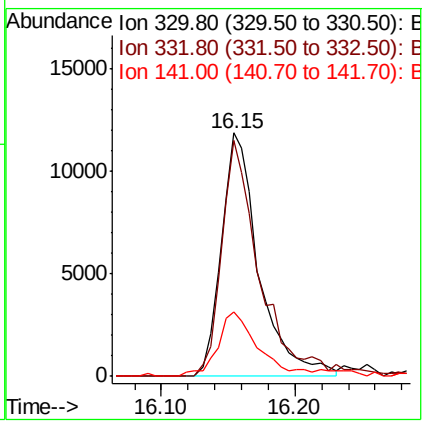


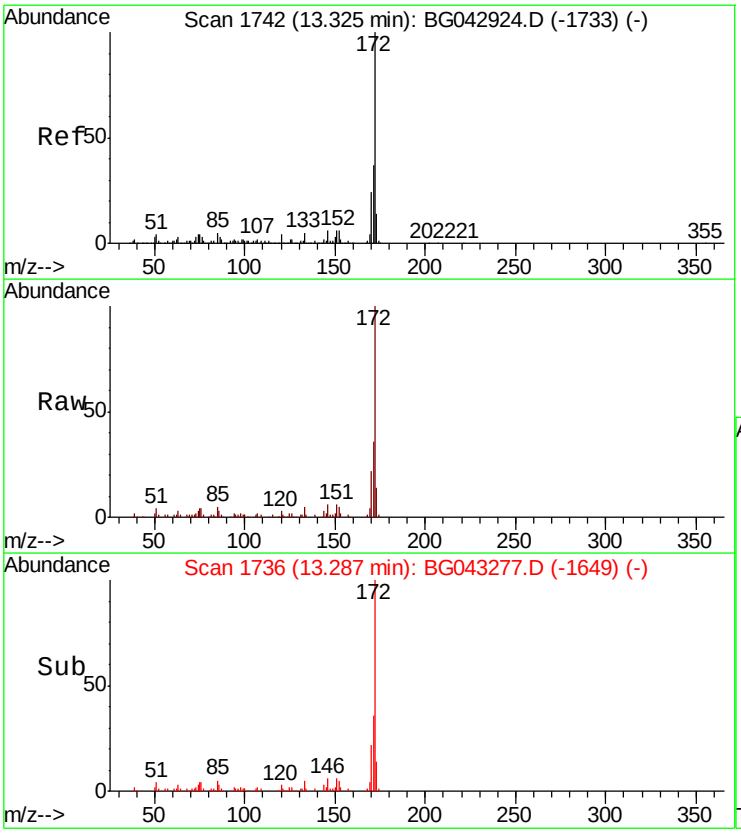
#42
2,4,6-Tribromophenol
Concen: 9.058 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG043277.D
Acq: 18 Oct 2019 00:46

Instrument :
BNA_G
ClientSampleId :
VNJ-209DL

Tgt Ion:330 Resp: 23310

Ion	Ratio	Lower	Upper
330	100		
332	99.2	78.2	117.2
141	28.2	26.0	39.0

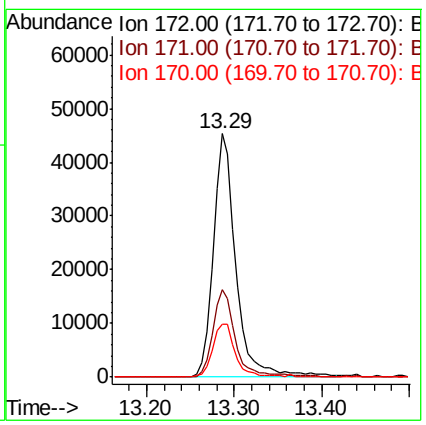


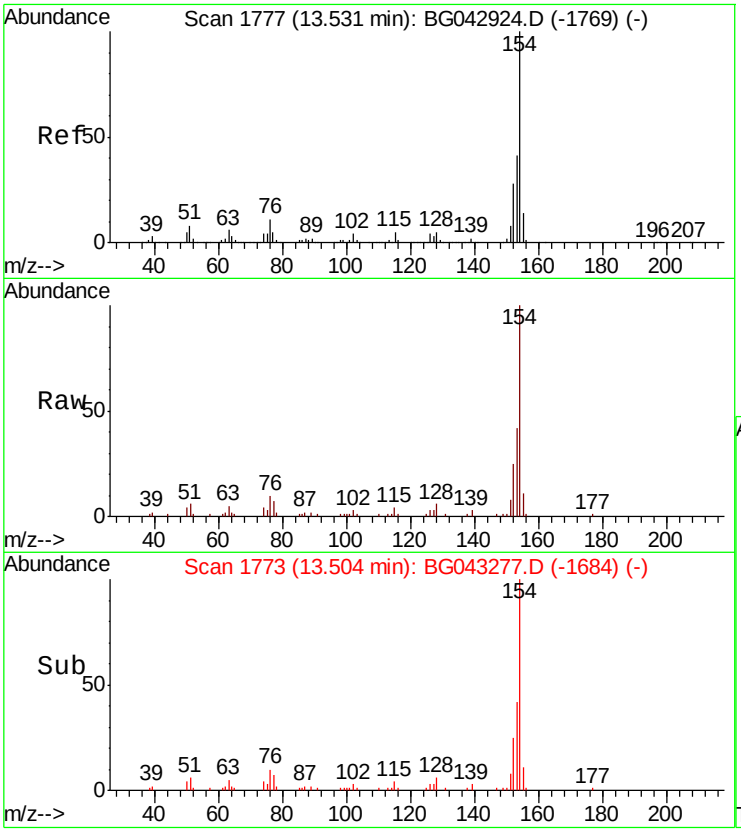


#45
2-Fluorobiphenyl
Concen: 7.834 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.02 min
Lab File: BG043277.D
Acq: 18 Oct 2019 00:46

Tgt Ion:172 Resp: 80873

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	21.8	19.6	29.4



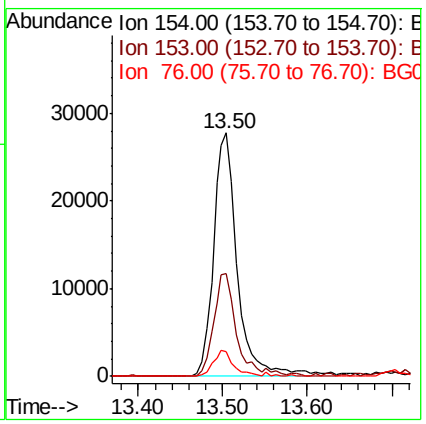


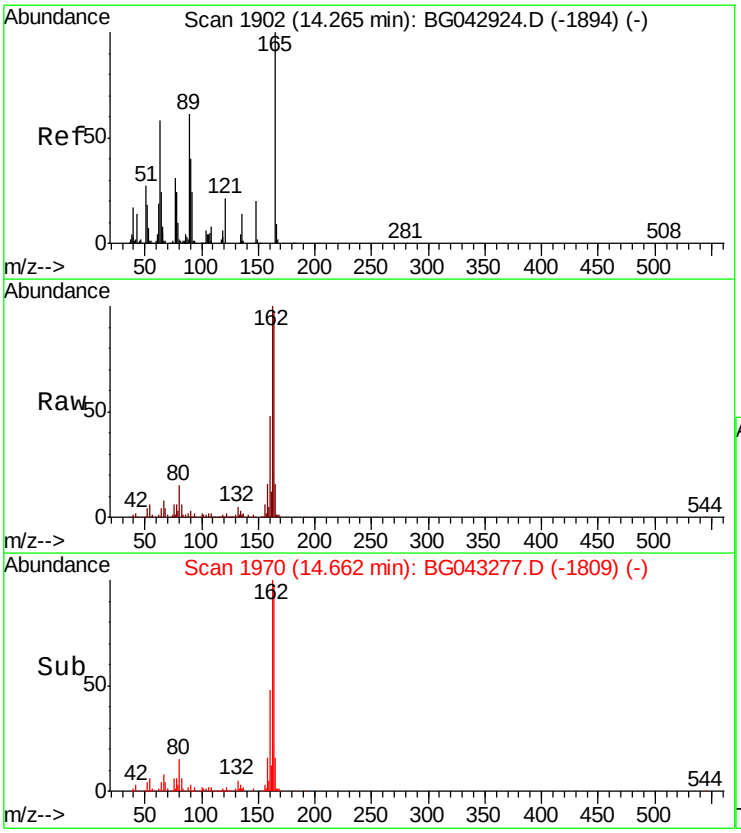
#46
1,1'-Biphenyl
Concen: 4.831 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG043277.D
Acq: 18 Oct 2019 00:46

Instrument :
BNA_G
ClientSampleId :
VNJ-209DL

Tgt Ion:154 Resp: 54825

Ion	Ratio	Lower	Upper
154	100		
153	42.0	21.4	61.4
76	10.1	0.0	31.3

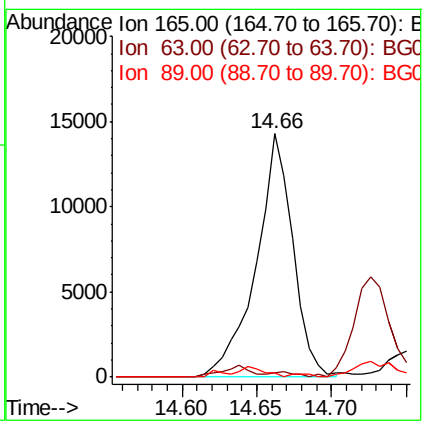


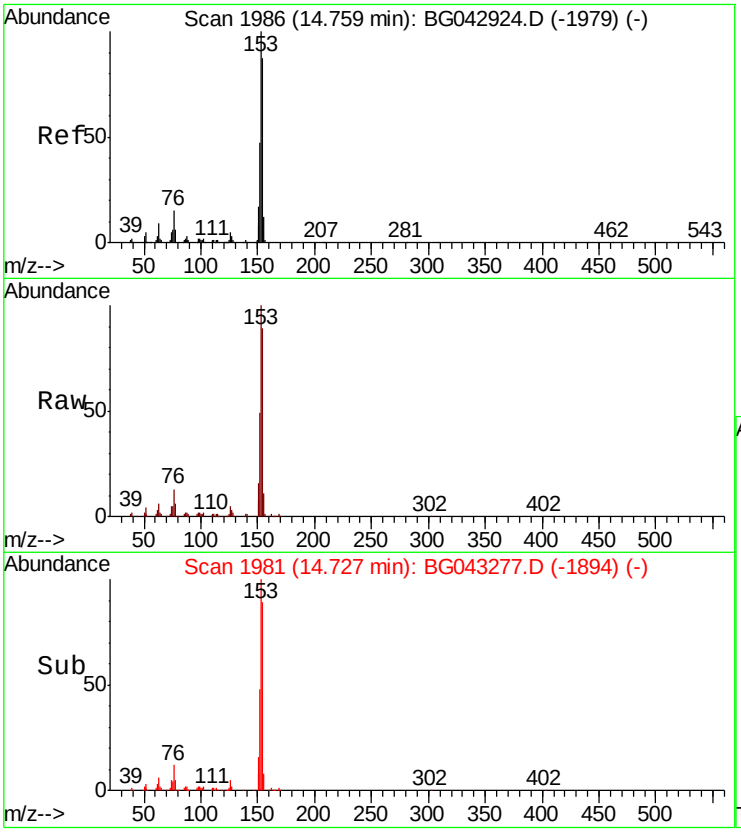


#51
2,6-Dinitrotoluene
Concen: 10.200 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.42 min
Lab File: BG043277.D
Acq: 18 Oct 2019 00:46

Tgt Ion:165 Resp: 24357

Ion	Ratio	Lower	Upper
165	100		
63	1.6	50.3	75.5#
89	1.6	48.9	73.3#



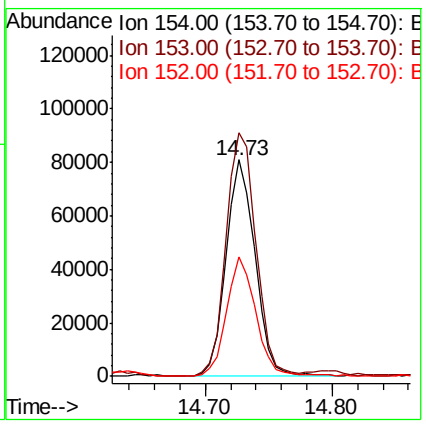


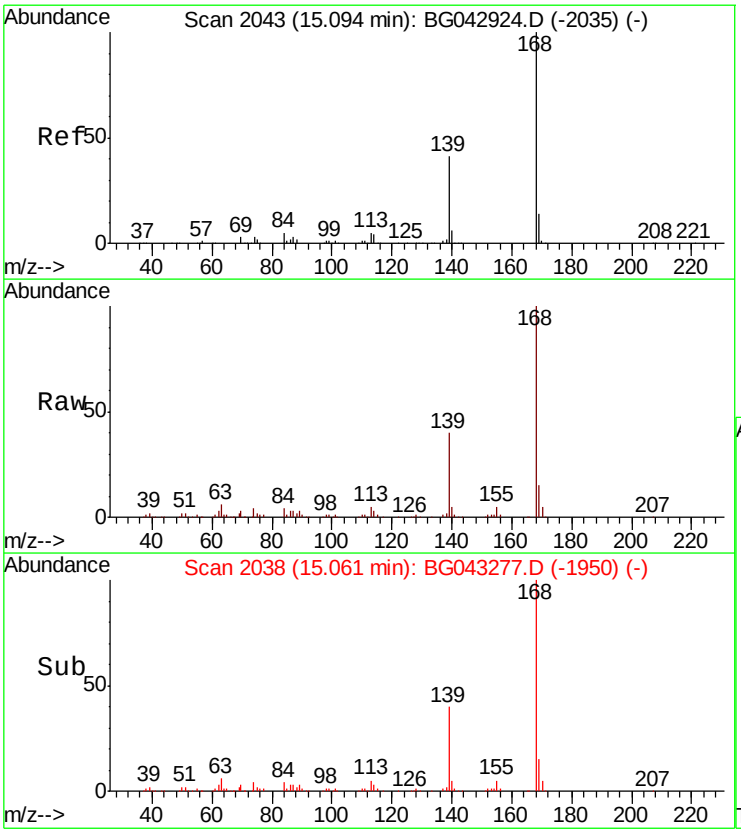
#52
Acenaphthene
Concen: 14.716 ng
RT: 14.73 min Scan# 1981
Delta R.T. -0.02 min
Lab File: BG043277.D
Acq: 18 Oct 2019 00:46

Instrument :
BNA_G
ClientSampleId :
VNJ-209DL

Tgt Ion:154 Resp: 128259

Ion	Ratio	Lower	Upper
154	100		
153	112.6	91.4	137.0
152	55.0	42.8	64.2

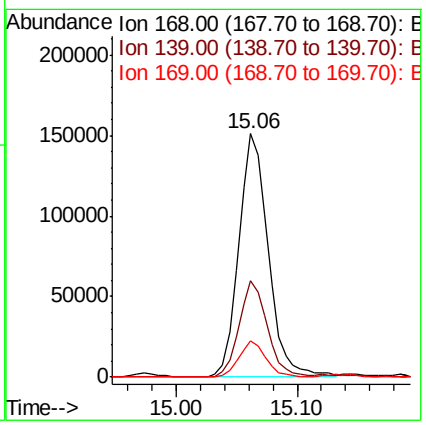


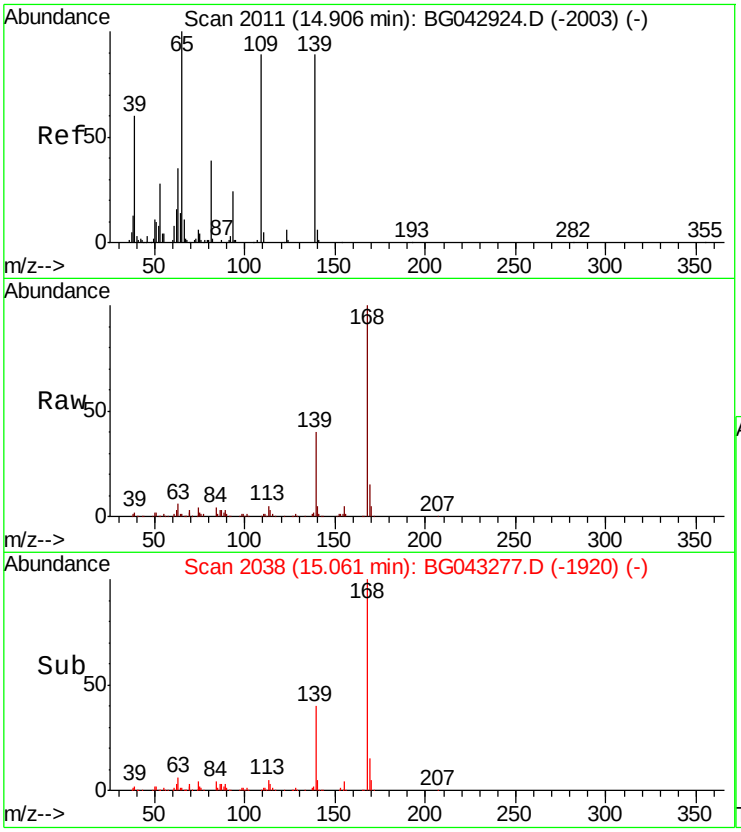


#55
Dibenzofuran
Concen: 20.056 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG043277.D
Acq: 18 Oct 2019 00:46

Tgt Ion:168 Resp: 258575

Ion	Ratio	Lower	Upper
168	100		
139	39.6	32.6	48.8
169	15.0	11.2	16.8



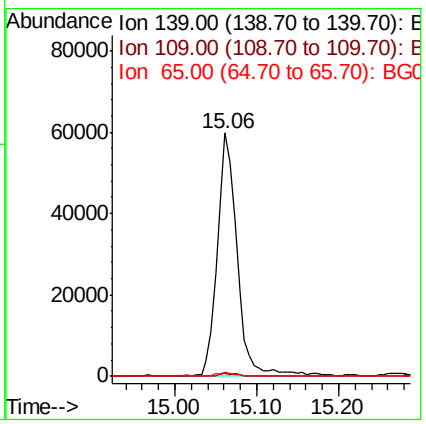


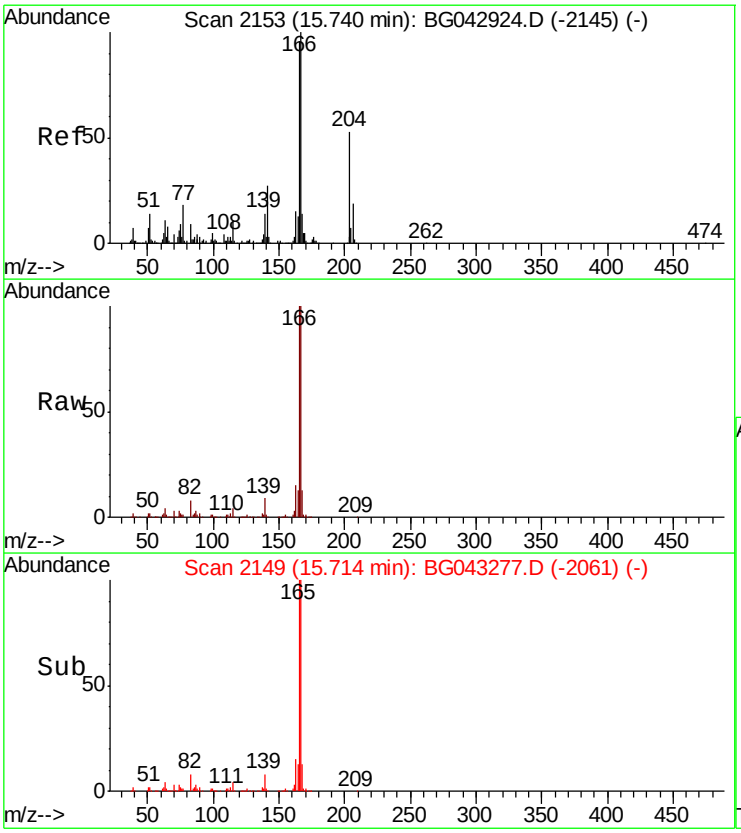
#56
4-Nitrophenol
Concen: 54.233 ng
RT: 15.06 min Scan# 2038
Delta R.T. 0.16 min
Lab File: BG043277.D
Acq: 18 Oct 2019 00:46

Instrument :
BNA_G
ClientSampleId :
VNJ-209DL

Tgt Ion:139 Resp: 101979

Ion	Ratio	Lower	Upper
139	100		
109	1.1	79.4	119.4#
65	1.8	92.5	132.5#

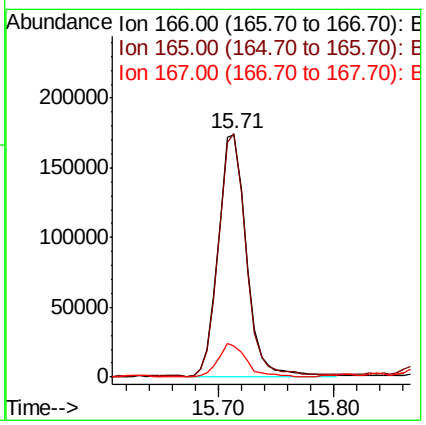


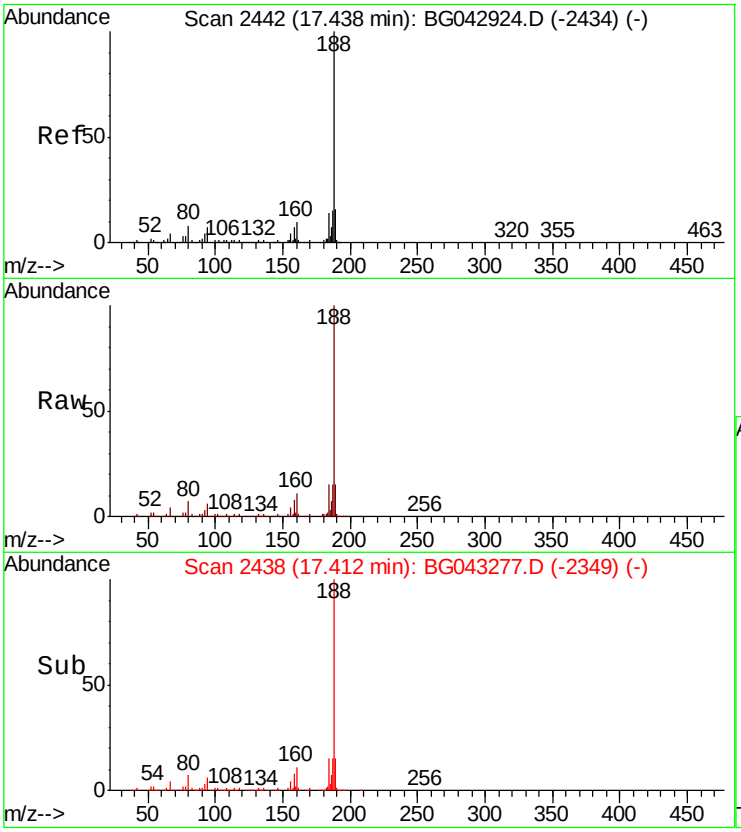


#58
Fluorene
Concen: 26.539 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG043277.D
Acq: 18 Oct 2019 00:46

Tgt Ion:166 Resp: 292118

Ion	Ratio	Lower	Upper
166	100		
165	100.4	77.1	115.7
167	13.0	11.0	16.6



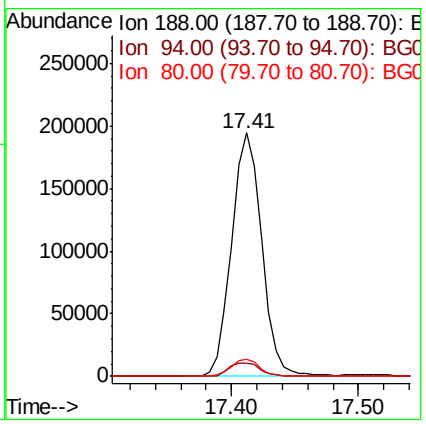


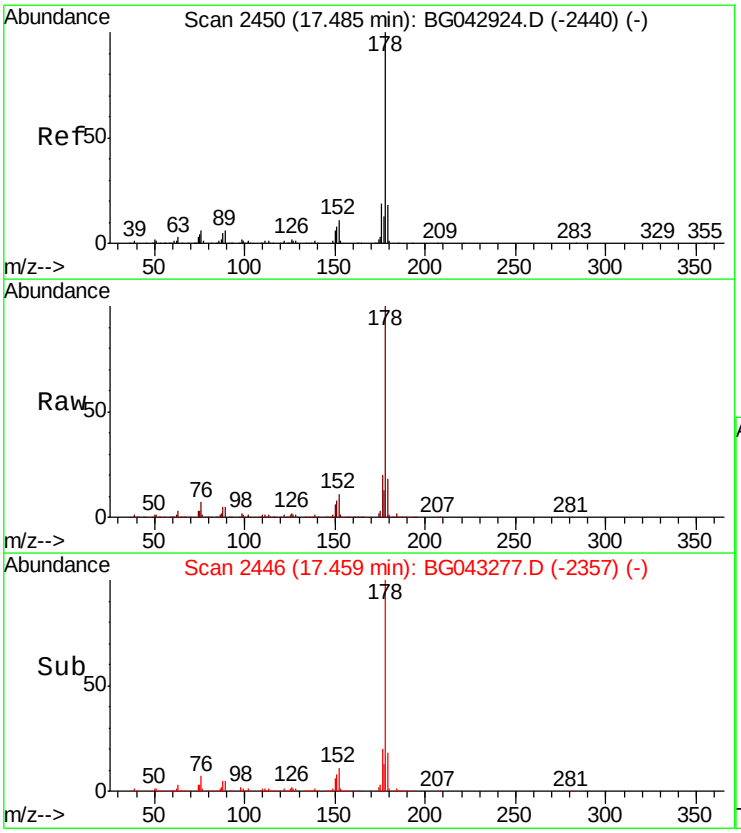
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG043277.D
Acq: 18 Oct 2019 00:46

Instrument :
BNA_G
ClientSampleId :
VNJ-209DL

Tgt Ion:188 Resp: 319911

Ion	Ratio	Lower	Upper
188	100		
94	5.6	5.7	8.5#
80	7.0	6.5	9.7

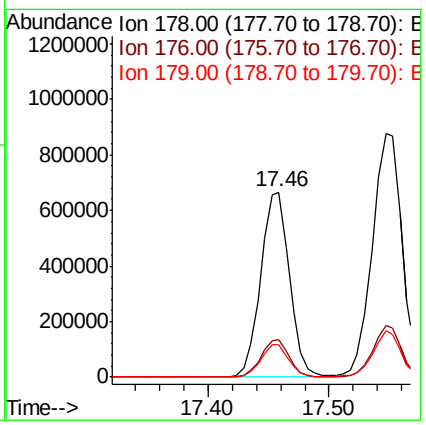


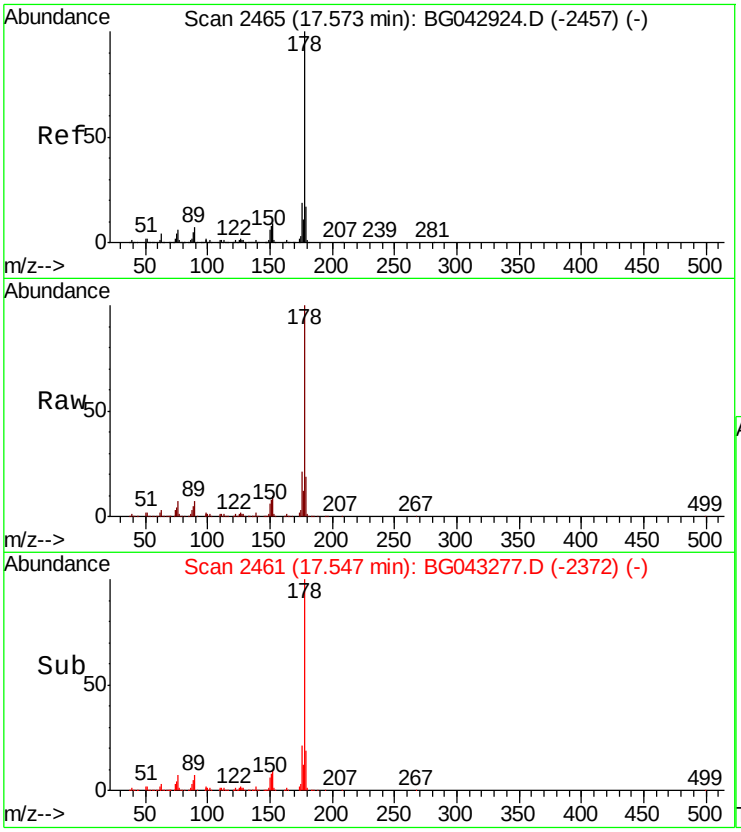


#71
Phenanthrene
Concen: 70.068 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG043277.D
Acq: 18 Oct 2019 00:46

Tgt Ion:178 Resp: 1094330

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.1	22.7
179	17.7	14.1	21.1



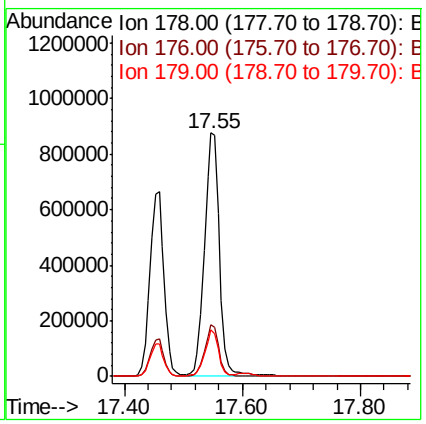


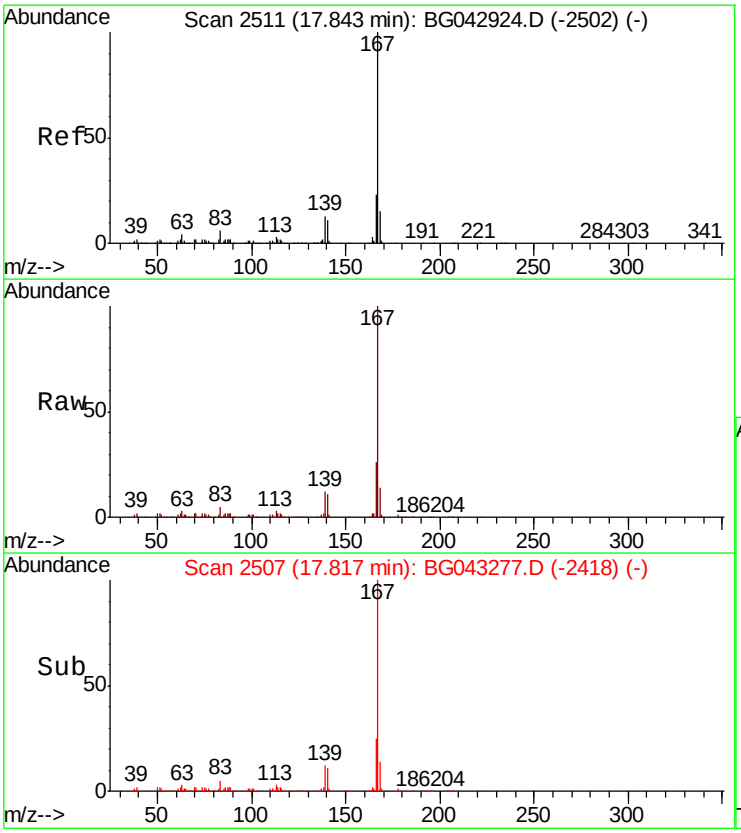
#72
Anthracene
Concen: 98.883 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG043277.D
Acq: 18 Oct 2019 00:46

Instrument :
BNA_G
ClientSampleId :
VNJ-209DL

Tgt Ion:178 Resp: 1541764

Ion	Ratio	Lower	Upper
178	100		
176	21.5	15.5	23.3
179	18.9	13.5	20.3

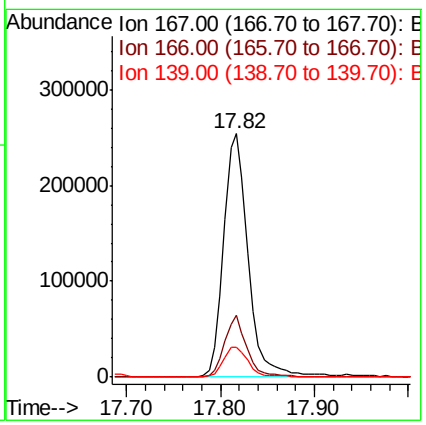


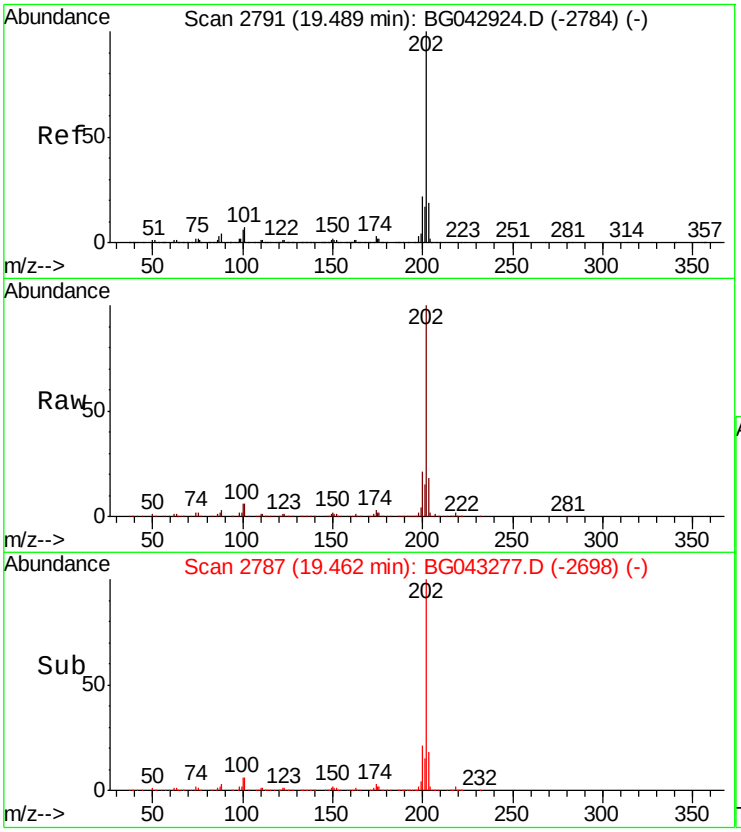


#73
Carbazole
Concen: 31.883 ng
RT: 17.82 min Scan# 2507
Delta R.T. -0.01 min
Lab File: BG043277.D
Acq: 18 Oct 2019 00:46

Tgt Ion:167 Resp: 460984

Ion	Ratio	Lower	Upper
167	100		
166	25.5	18.6	28.0
139	12.5	10.8	16.2



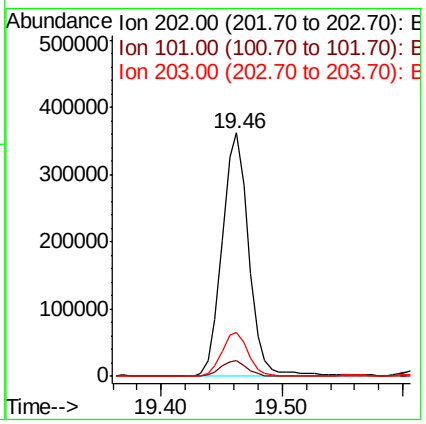


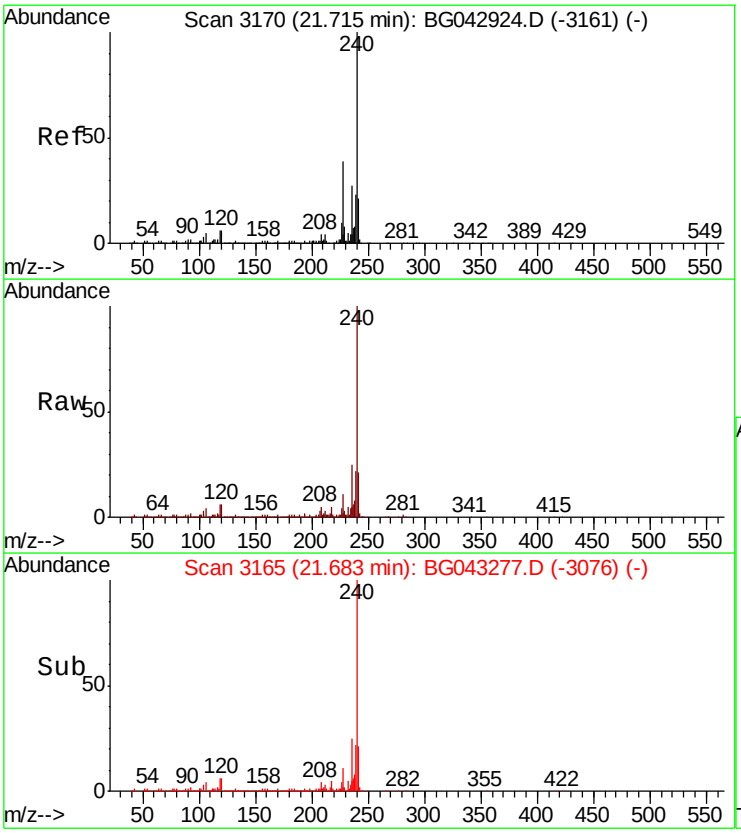
#75
Fluoranthene
Concen: 26.755 ng
RT: 19.46 min Scan# 2787
Delta R.T. -0.01 min
Lab File: BG043277.D
Acq: 18 Oct 2019 00:46

Instrument :
BNA_G
ClientSampleId :
VNJ-209DL

Tgt Ion:202 Resp: 552704

Ion	Ratio	Lower	Upper
202	100		
101	6.5	0.0	27.3
203	17.9	0.0	39.5

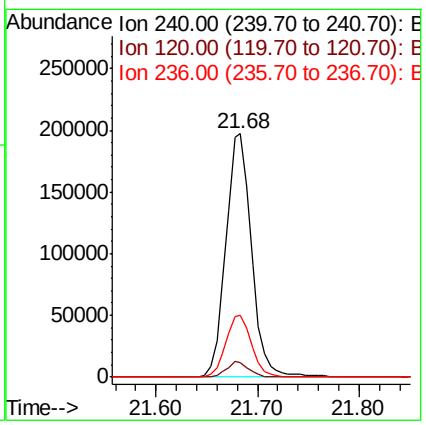


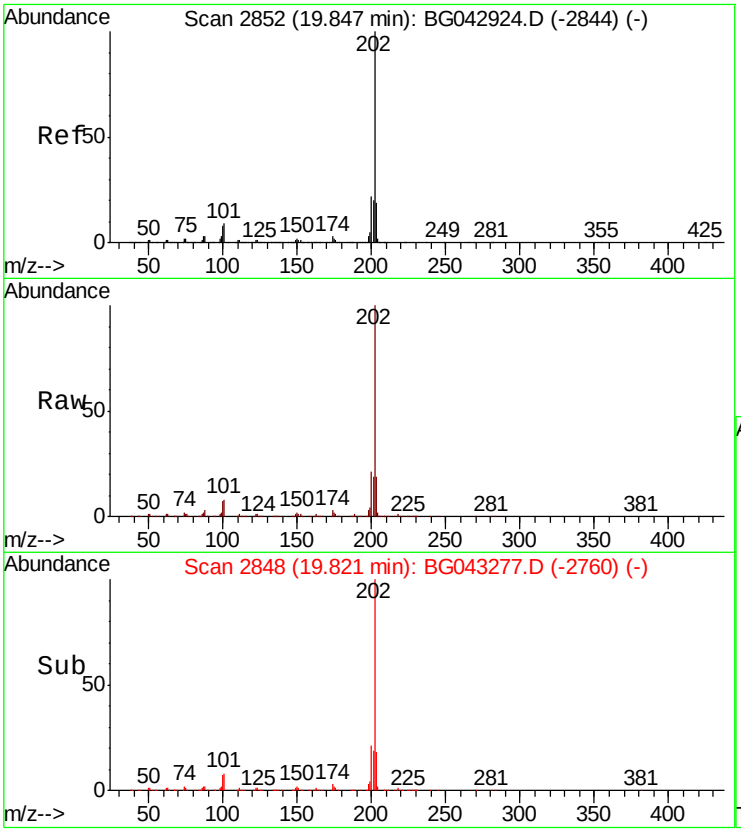


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG043277.D
Acq: 18 Oct 2019 00:46

Tgt Ion:240 Resp: 345701

Ion	Ratio	Lower	Upper
240	100		
120	6.0	4.8	7.2
236	25.4	21.4	32.0



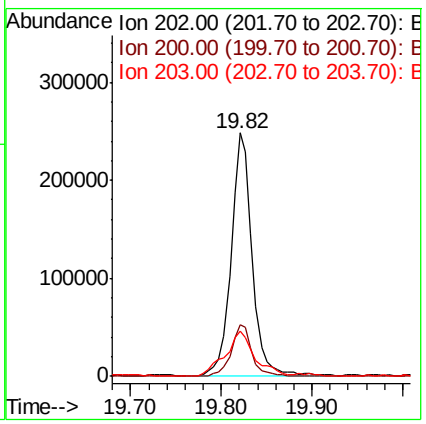


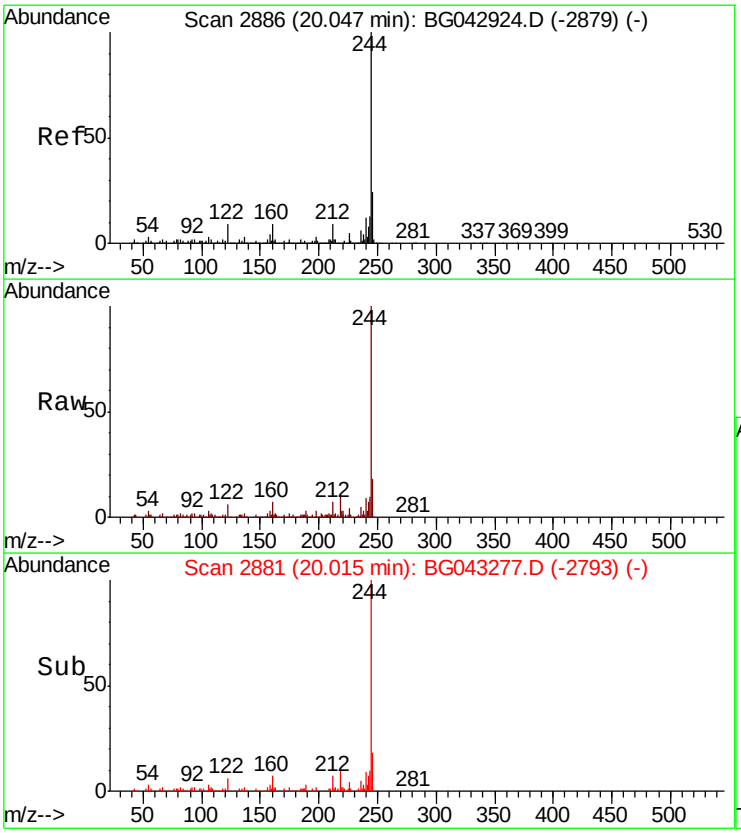
#78
Pyrene
Concen: 19.425 ng
RT: 19.82 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG043277.D
Acq: 18 Oct 2019 00:46

Instrument :
BNA_G
ClientSampleId :
VNJ-209DL

Tgt Ion:202 Resp: 400814

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	18.6	15.2	22.8

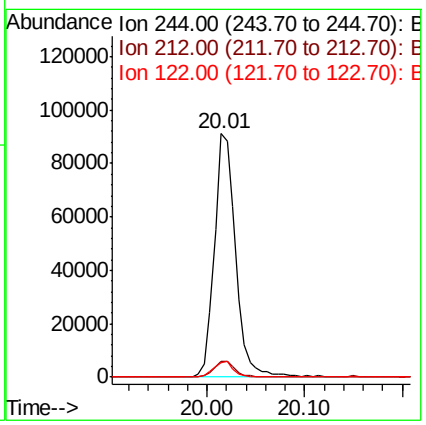


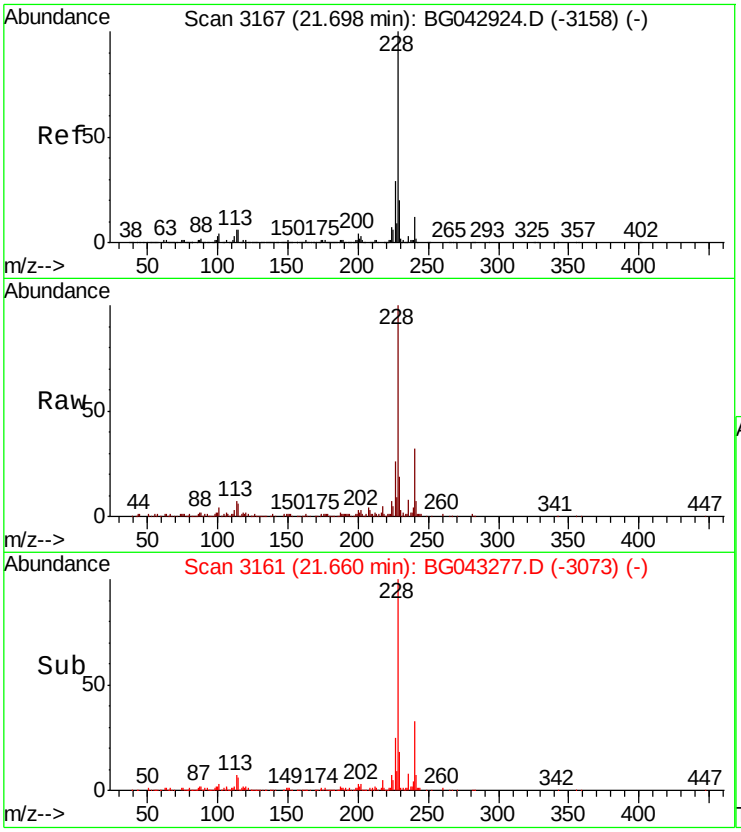


#79
Terphenyl-d14
Concen: 8.465 ng
RT: 20.01 min Scan# 2881
Delta R.T. -0.01 min
Lab File: BG043277.D
Acq: 18 Oct 2019 00:46

Tgt Ion:244 Resp: 137336

Ion	Ratio	Lower	Upper
244	100		
212	6.5	7.4	11.0#
122	5.7	7.0	10.4#



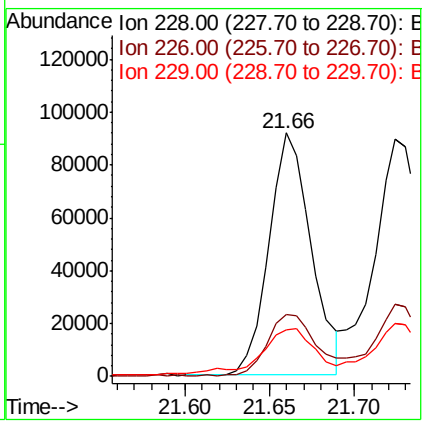


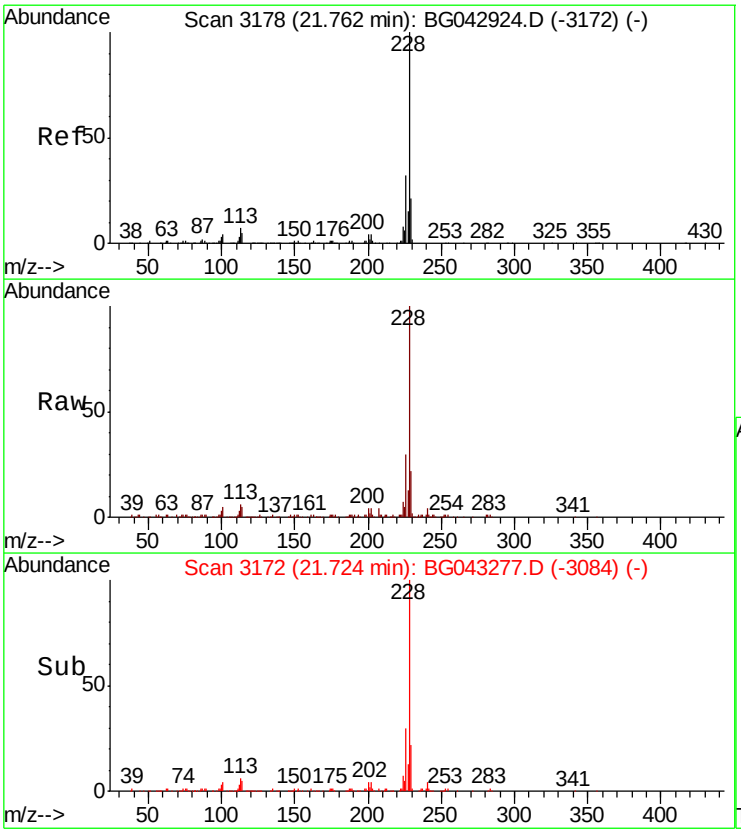
#81
Benzo(a)anthracene
Concen: 7.372 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG043277.D
Acq: 18 Oct 2019 00:46

Instrument :
BNA_G
ClientSampleId :
VNJ-209DL

Tgt Ion:228 Resp: 158785

Ion	Ratio	Lower	Upper
228	100		
226	25.5	23.0	34.4
229	18.9	16.3	24.5

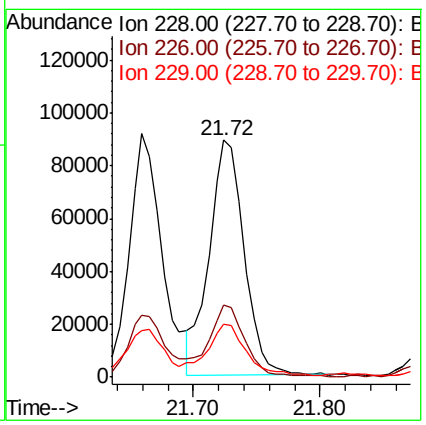


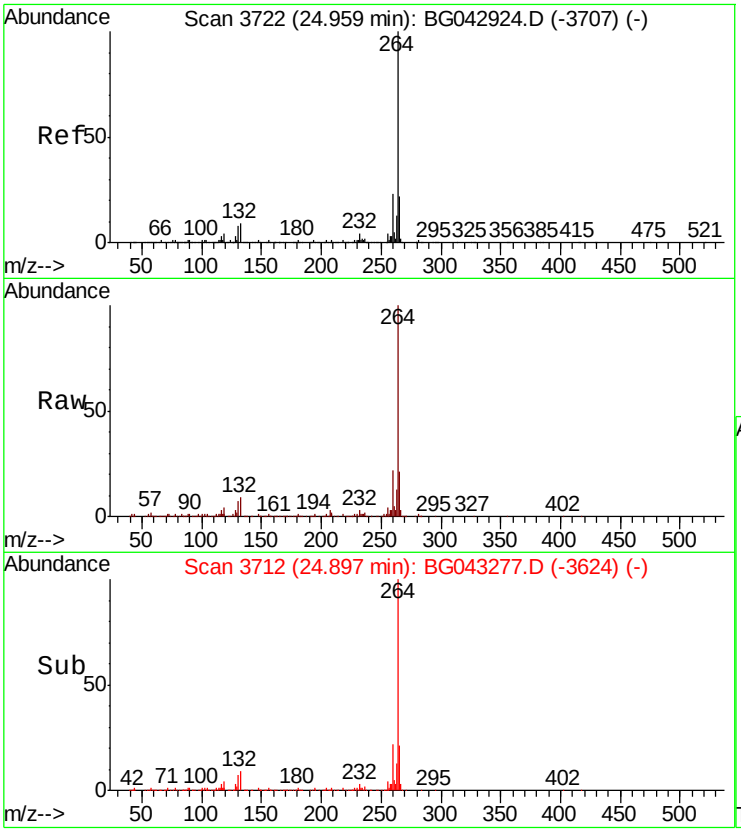


#83
Chrysene
Concen: 8.176 ng
RT: 21.72 min Scan# 3172
Delta R.T. -0.01 min
Lab File: BG043277.D
Acq: 18 Oct 2019 00:46

Tgt Ion:228 Resp: 170897

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.6	38.4
229	22.4	16.9	25.3



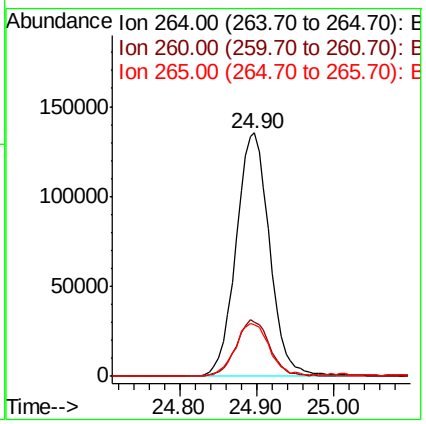


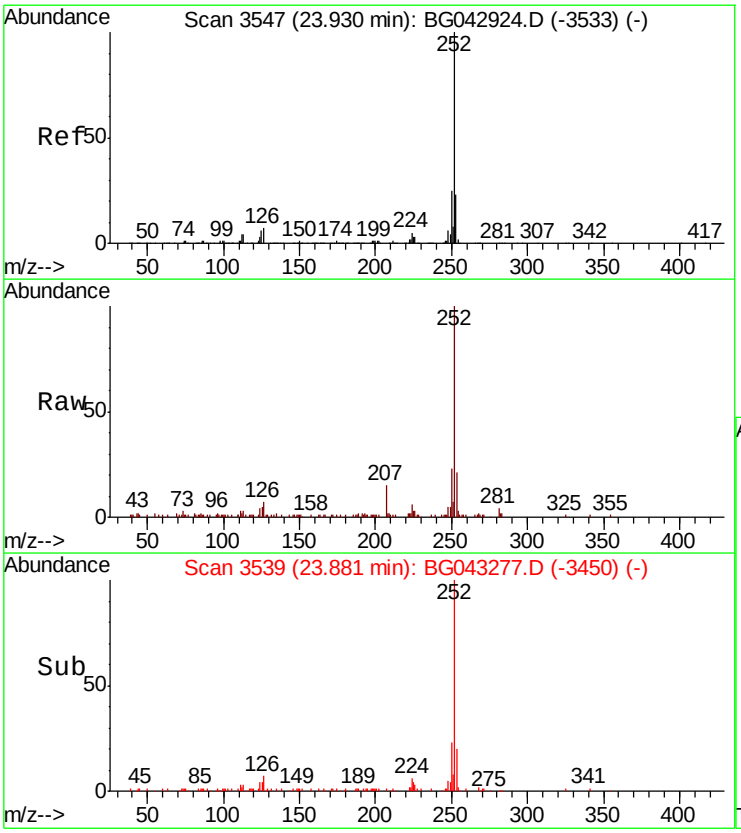
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG043277.D
Acq: 18 Oct 2019 00:46

Instrument :
BNA_G
ClientSampleId :
VNJ-209DL

Tgt Ion:264 Resp: 411332

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.7	28.1
265	21.4	17.7	26.5

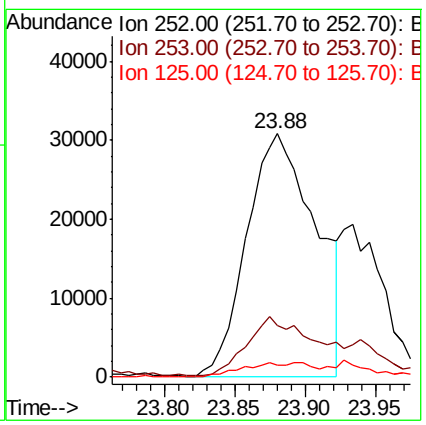


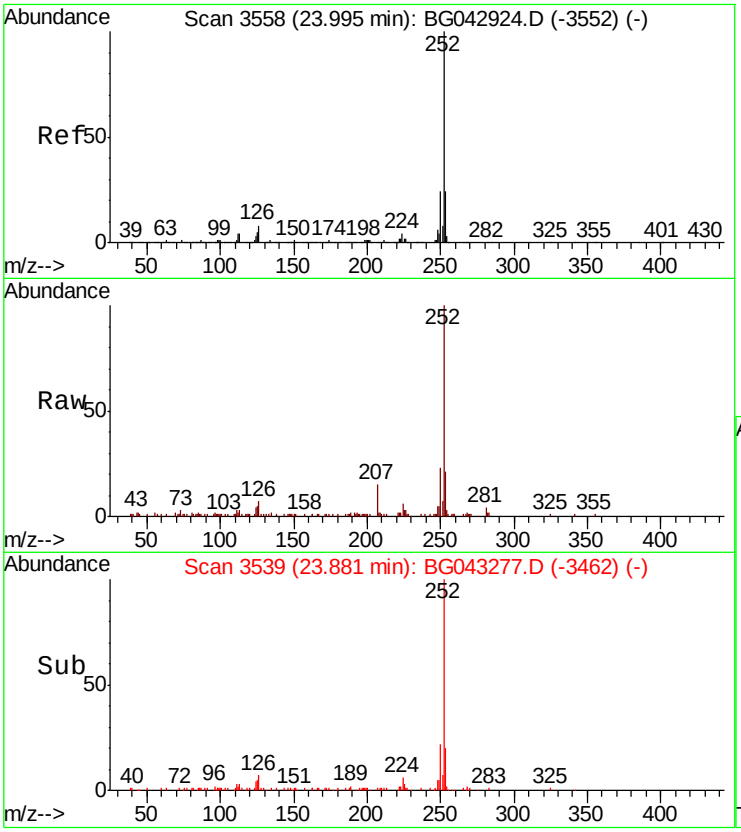


#88
Benzo(b)fluoranthene
Concen: 4.533 ng
RT: 23.88 min Scan# 3539
Delta R.T. -0.01 min
Lab File: BG043277.D
Acq: 18 Oct 2019 00:46

Tgt Ion:252 Resp: 105499

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.2	27.2
125	5.1	4.6	7.0



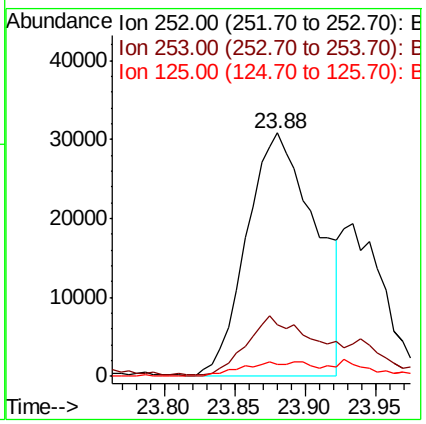


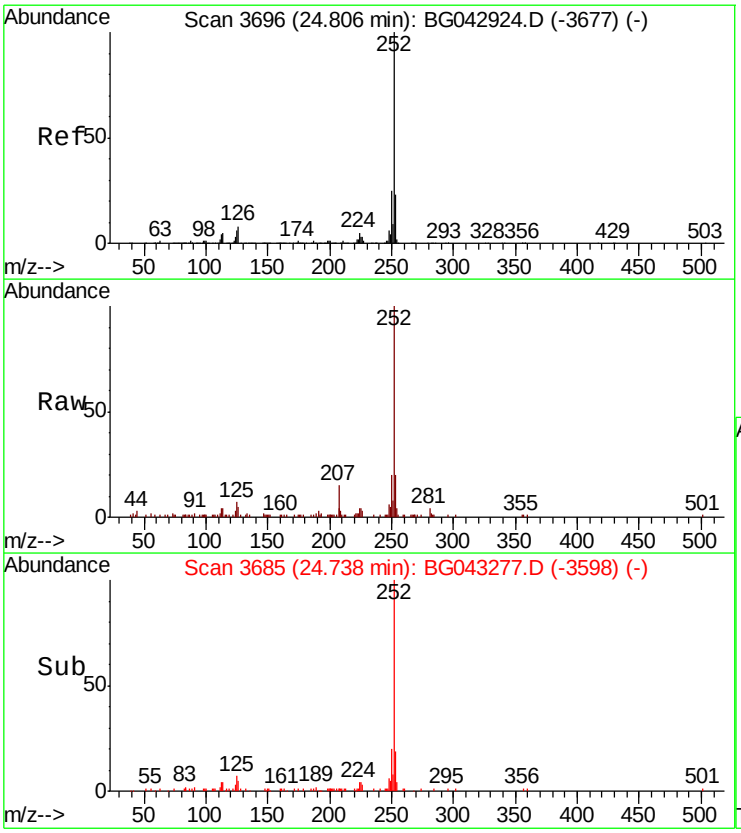
#89
Benzo(k)fluoranthene
Concen: 4.582 ng
RT: 23.88 min Scan# 3539
Delta R.T. -0.08 min
Lab File: BG043277.D
Acq: 18 Oct 2019 00:46

Instrument :
BNA_G
ClientSampleId :
VNJ-209DL

Tgt Ion:252 Resp: 105499

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.9	28.3
125	5.1	4.5	6.7





#90
Benzo(a)pyrene
Concen: 3.647 ng
RT: 24.74 min Scan# 3685
Delta R.T. -0.02 min
Lab File: BG043277.D
Acq: 18 Oct 2019 00:46

Tgt Ion:252 Resp: 80085

Ion	Ratio	Lower	Upper
252	100		
253	20.1	18.2	27.4
125	6.8	5.0	7.6