Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050620\
Data File : BG045260.D
Acq On : 6 May 2020 19:39
Operator : CG/JU
Sample : L2515-02 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 07 01:05:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 06 12:59:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	127868	20.00	ng		0.00
21) Naphthalene-d8	10.79	136	509789	20.00	ng		0.00
39) Acenaphthene-d10	14.62	164	356202	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	768925	20.00	ng		0.00
76) Chrysene-d12	21.64	240	682128	20.00	ng		0.00
87) Perylene-d12	24.82	264	721248	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	50661	6.54	ng		0.00
7) Phenol-d6	7.15	99	72972	6.34	ng		0.00
23) Nitrobenzene-d5	9.14	82	48968	4.38	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	33333	6.06	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	122480	5.04	ng		0.00
79) Terphenyl-d14	19.99	244	190563	6.09	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.15	77	240	Below Cal		#	4
31) Naphthalene	10.84	128	82075	2.943	ng		97
51) 2,6-Dinitrotoluene	14.62	165	47355	7.300	ng	#	26
56) 4-Nitrophenol	15.02	139	15012	2.721	ng	#	5
57) 2,4-Dinitrotoluene	14.62	165	47355	4.995	ng	#	23
69) Atrazine	16.93	200	54	Below Cal		#	35
71) Phenanthrene	17.41	178	171985	4.353	ng		98
74) Di-n-butylphthalate	18.34	149	888	Below Cal		#	76
75) Fluoranthene	19.42	202	202469	Below Cal			96
77) Benzidine	19.65	184	158	Below Cal		#	16
78) Pyrene	19.79	202	169710	3.609	ng		95
81) Benzo(a)anthracene	21.62	228	116674	2.639	ng		99
83) Chrysene	21.69	228	107624	2.534	ng		97
88) Benzo(b)fluoranthene	23.81	252	193078	4.274	ng		99
89) Benzo(k)fluoranthene	23.81	252	193078	4.494	ng		98
90) Benzo(a)pyrene	24.66	252	121902	2.858	ng		98
92) Benzo(g,h,i)perylene	29.52	276	109138	2.533	ng		93

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

Quantitation Report (Not Reviewed)

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Data File : BG045260.D
Acq On : 6 May 2020 19:39
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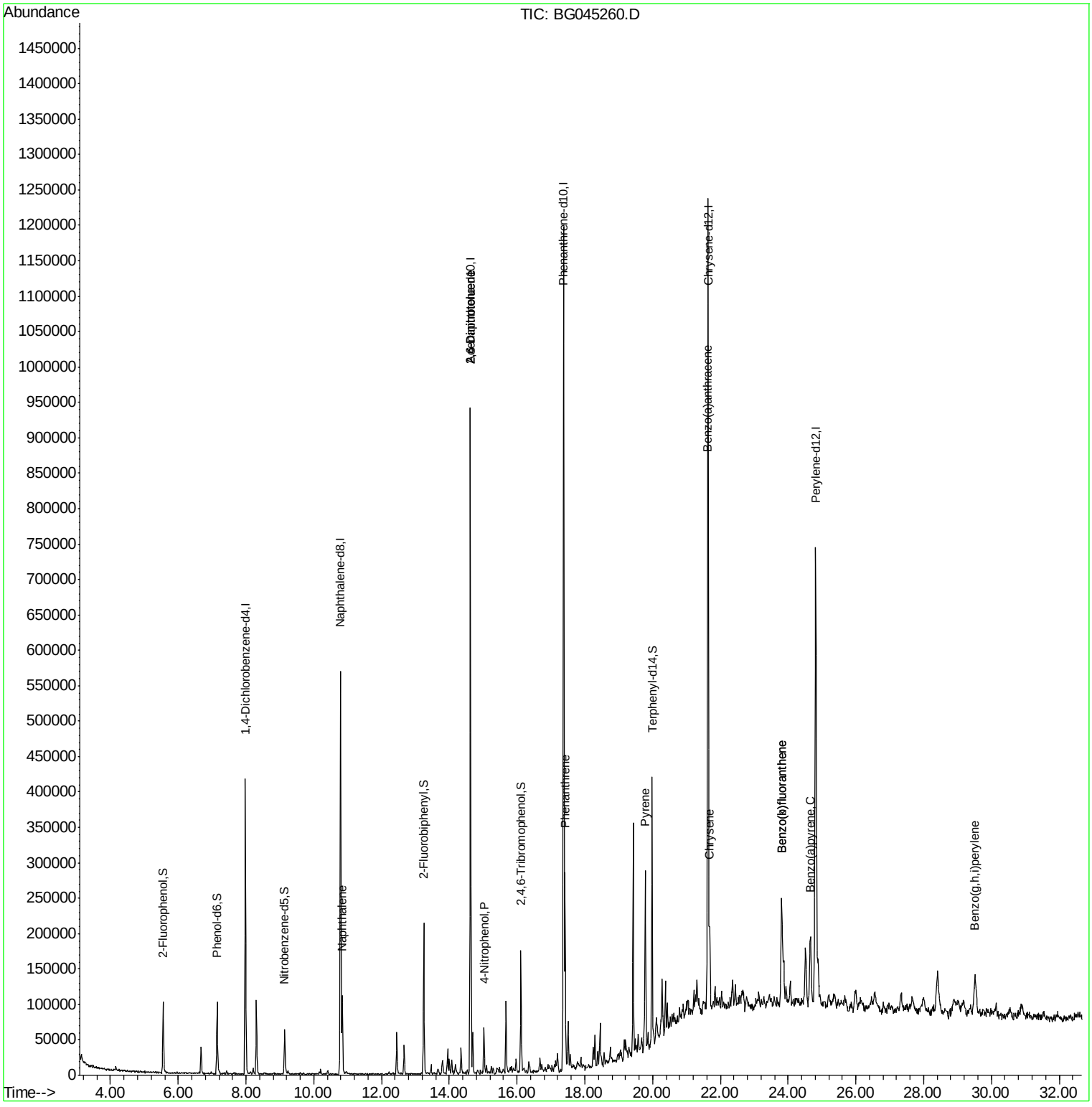
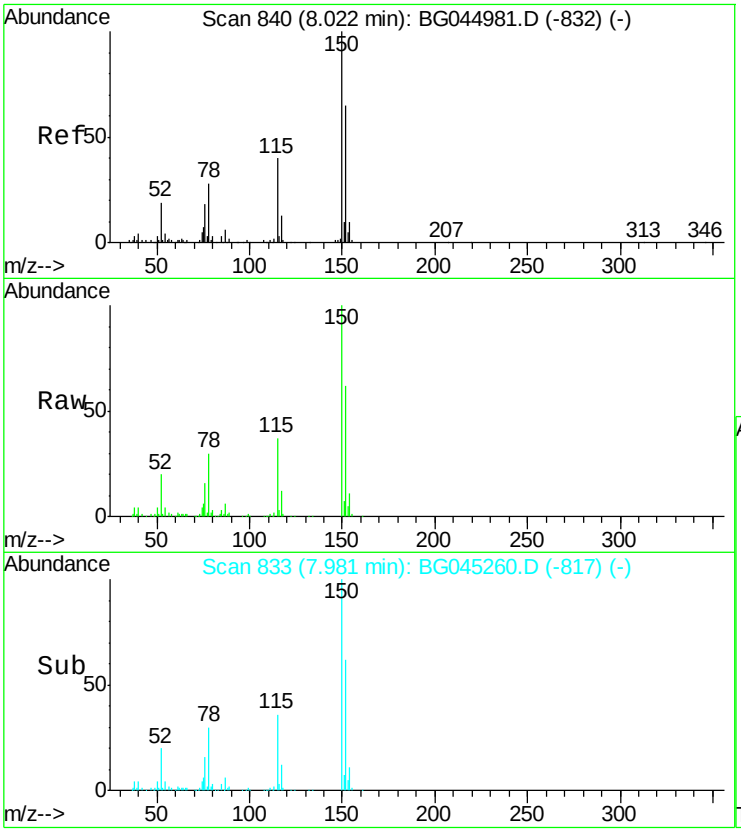
Sample : L2515-02 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 07 01:05:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 06 12:59:59 2020
Response via : Initial Calibration



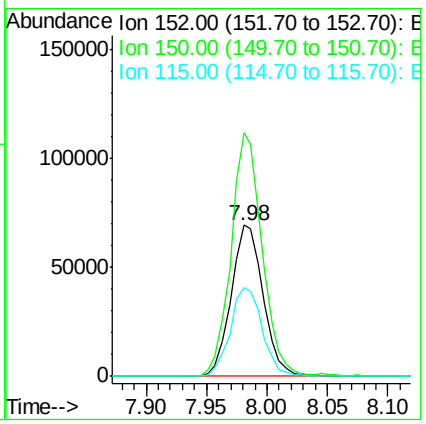


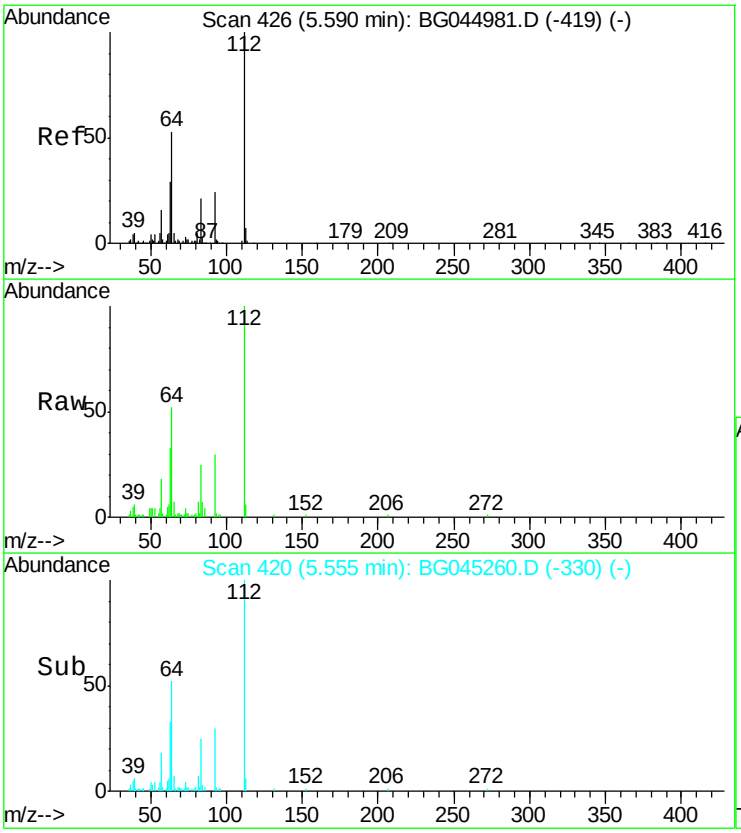
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 833
Delta R.T. -0.00 min
Lab File: BG045260.D
Acq: 6 May 2020 19:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 127868

Ion	Ratio	Lower	Upper
152	100		
150	161.0	123.6	185.4
115	58.8	49.1	73.7

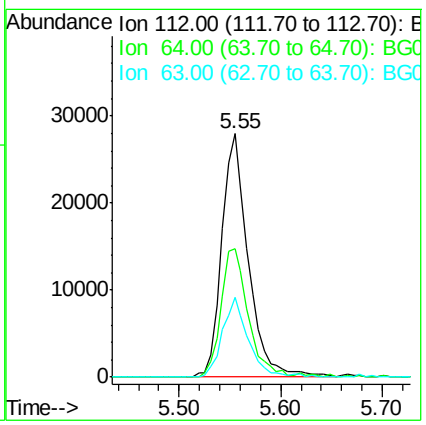


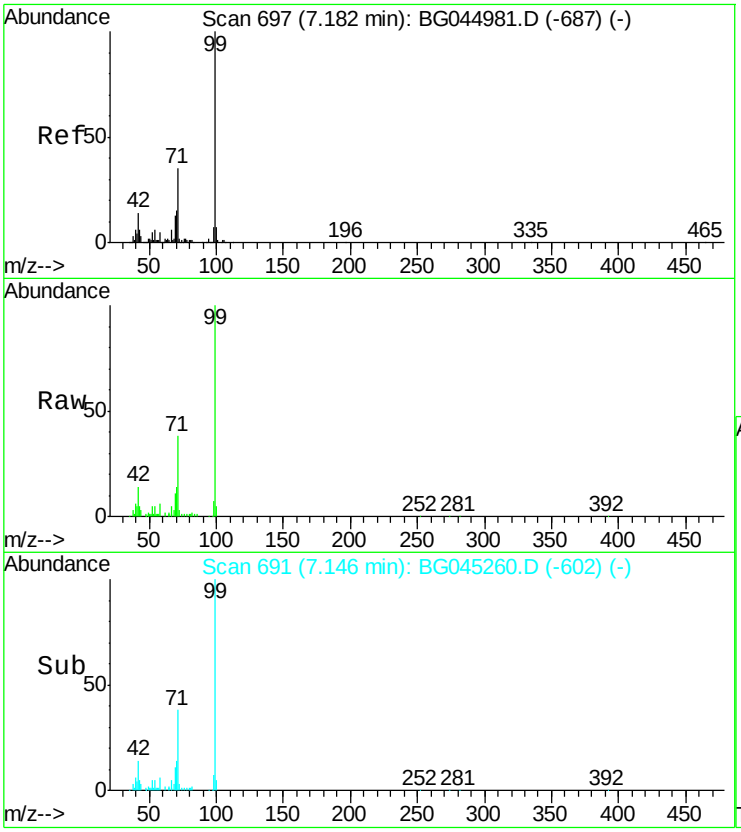


#5
2-Fluorophenol
Concen: 6.541 ng
RT: 5.55 min Scan# 420
Delta R.T. 0.00 min
Lab File: BG045260.D
Acq: 6 May 2020 19:39

Tgt Ion:112 Resp: 50661

Ion	Ratio	Lower	Upper
112	100		
64	52.5	42.4	63.6
63	32.9	23.1	34.7



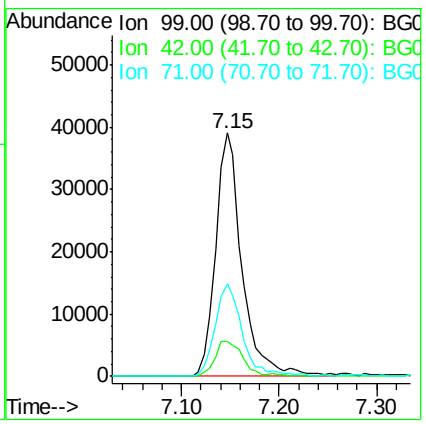


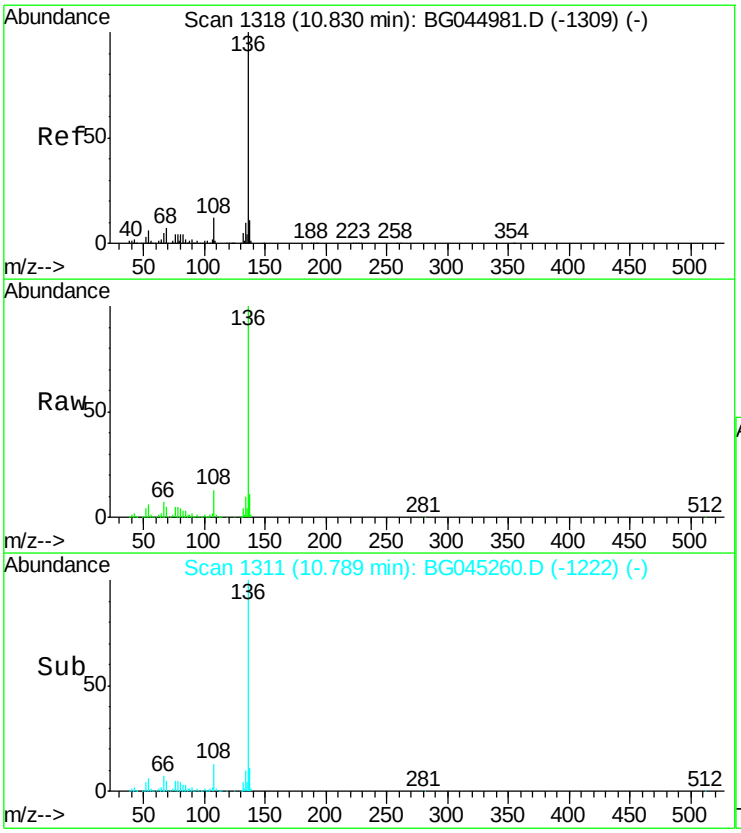
#7
Phenol-d6
Concen: 6.341 ng
RT: 7.15 min Scan# 691
Delta R.T. -0.00 min
Lab File: BG045260.D
Acq: 6 May 2020 19:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 72972

Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.3	16.9
71	38.0	28.3	42.5

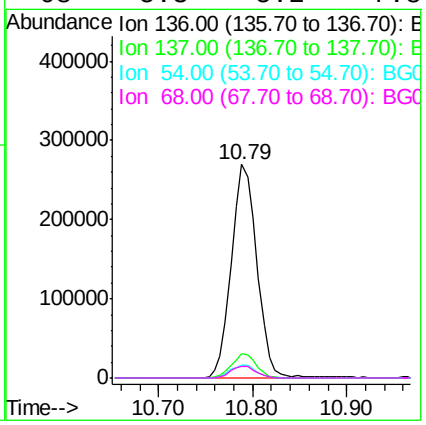


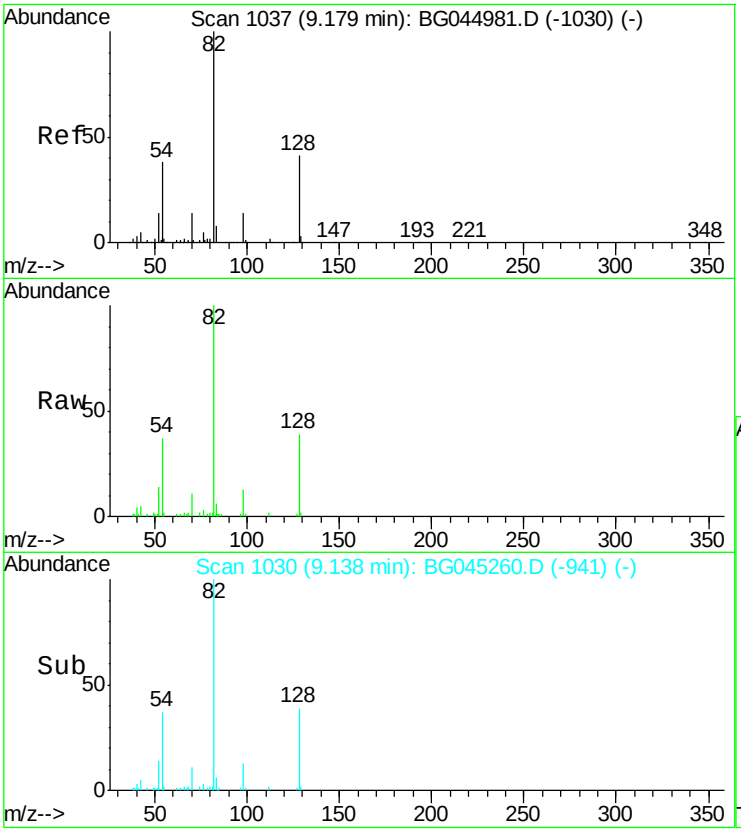


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG045260.D
Acq: 6 May 2020 19:39

Tgt Ion:136 Resp: 509789

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	6.3	4.8	7.2
68	5.3	5.2	7.8



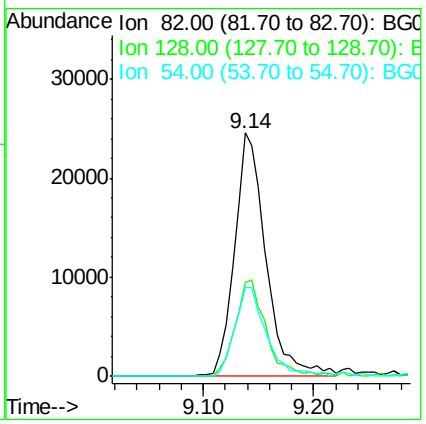


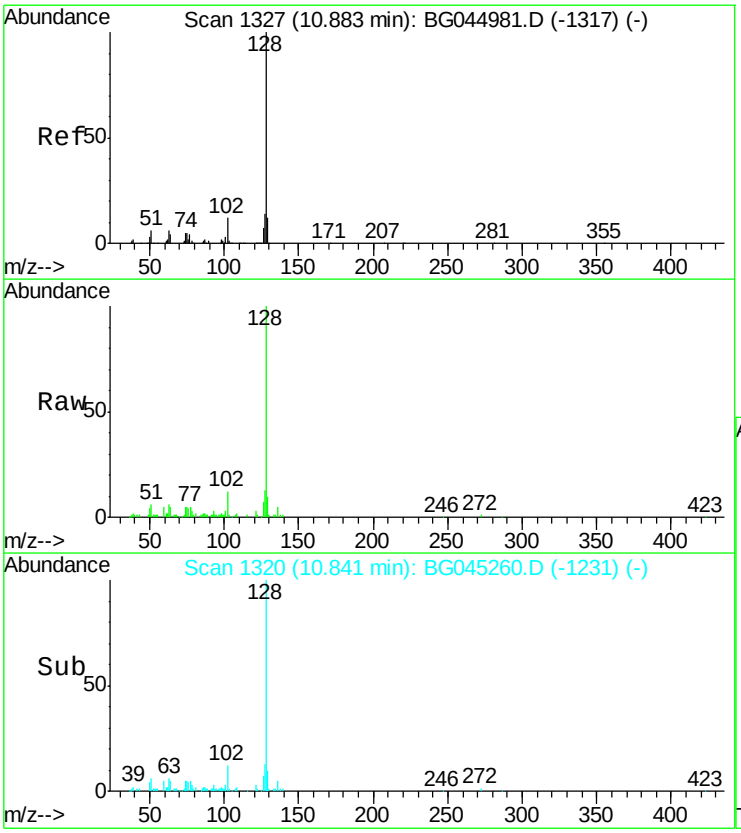
#23
Nitrobenzene-d5
Concen: 4.383 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG045260.D
Acq: 6 May 2020 19:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 48968

Ion	Ratio	Lower	Upper
82	100		
128	38.7	33.0	49.4
54	36.6	30.4	45.6

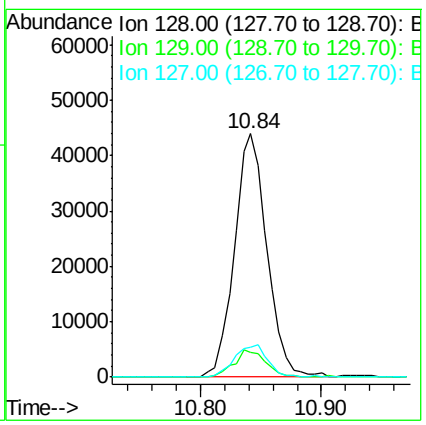


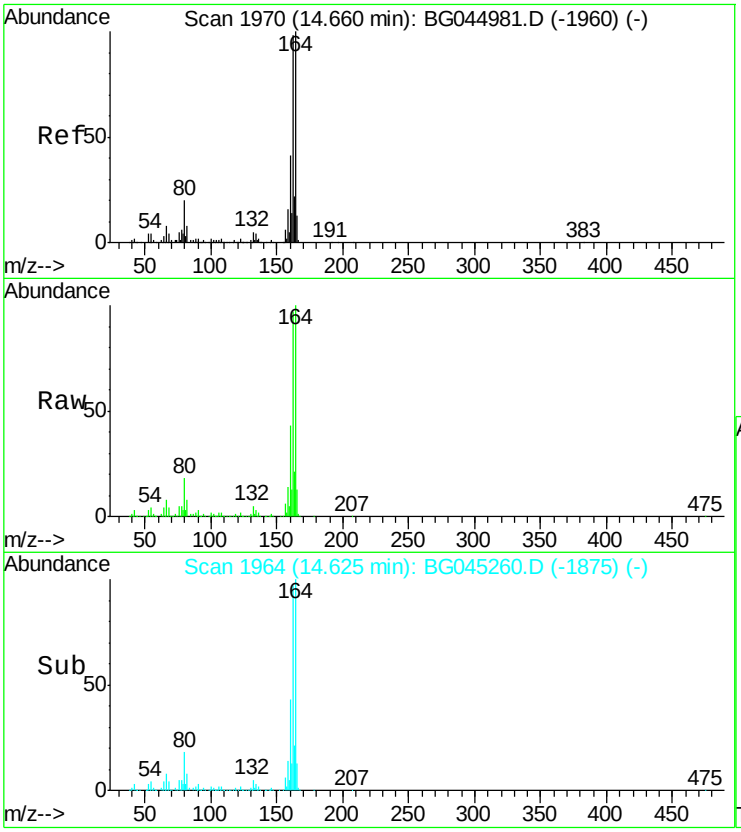


#31
Naphthalene
Concen: 2.943 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG045260.D
Acq: 6 May 2020 19:39

Tgt Ion:128 Resp: 82075

Ion	Ratio	Lower	Upper
128	100		
129	10.2	9.4	14.2
127	12.5	10.8	16.2



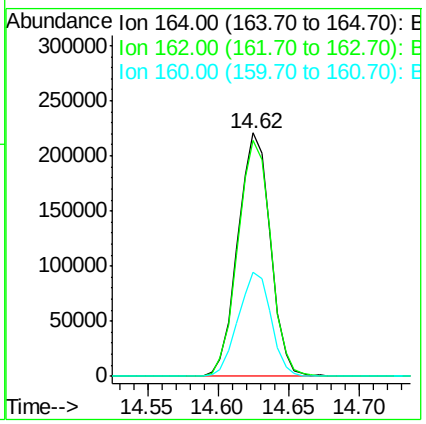


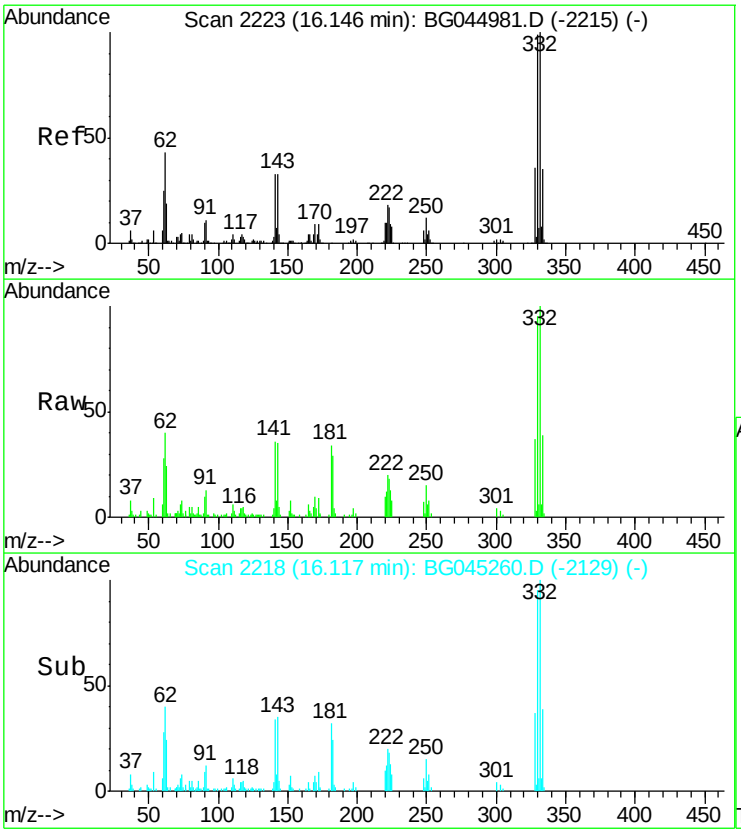
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG045260.D
Acq: 6 May 2020 19:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 356202

Ion	Ratio	Lower	Upper
164	100		
162	97.1	78.7	118.1
160	42.7	32.8	49.2

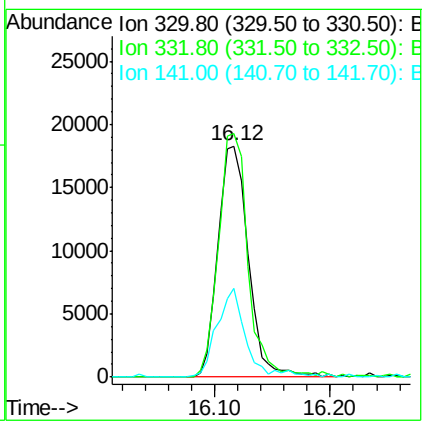


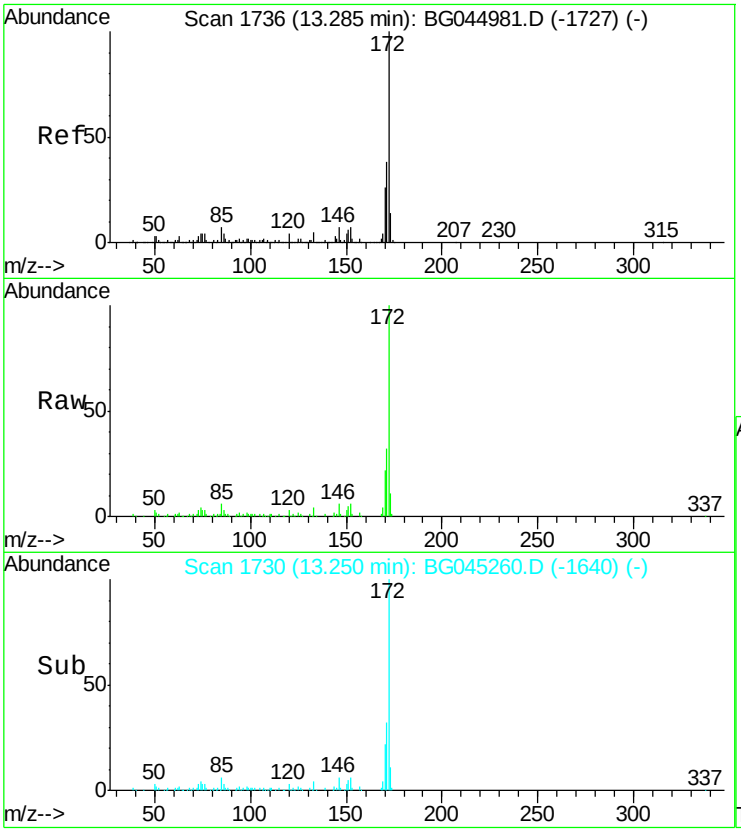


#42
2,4,6-Tribromophenol
Concen: 6.057 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BG045260.D
Acq: 6 May 2020 19:39

Tgt Ion:330 Resp: 33333

Ion	Ratio	Lower	Upper
330	100		
332	102.2	79.1	118.7
141	36.7	27.1	40.7



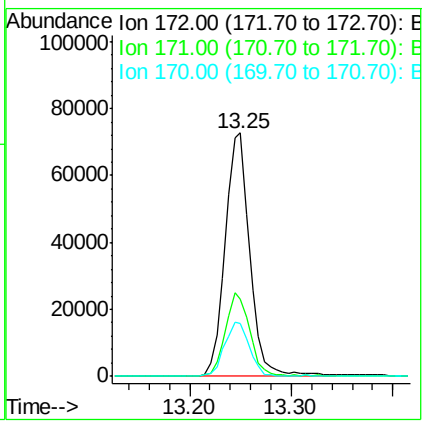


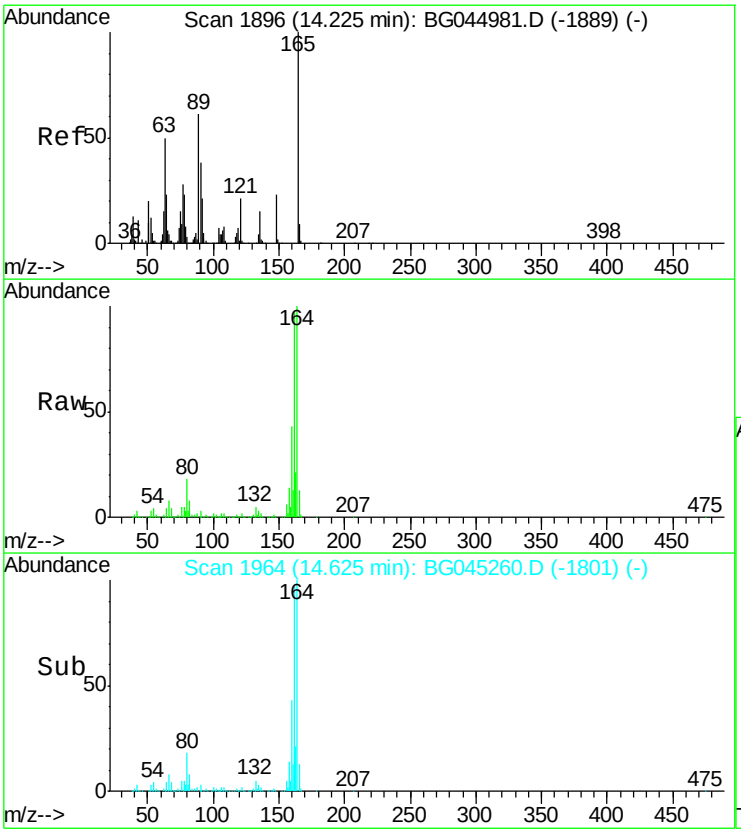
#45
2-Fluorobiphenyl
Concen: 5.042 ng
RT: 13.25 min Scan# 1730
Delta R.T. 0.00 min
Lab File: BG045260.D
Acq: 6 May 2020 19:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 122480

Ion	Ratio	Lower	Upper
172	100		
171	32.0	30.6	46.0
170	21.8	20.5	30.7

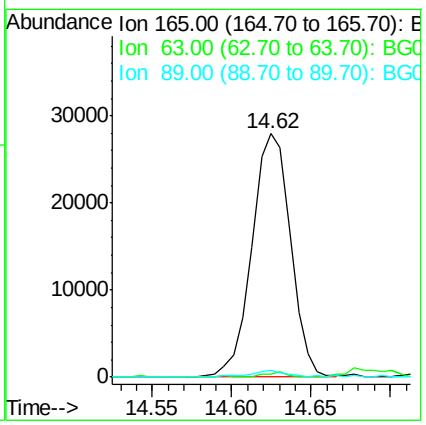


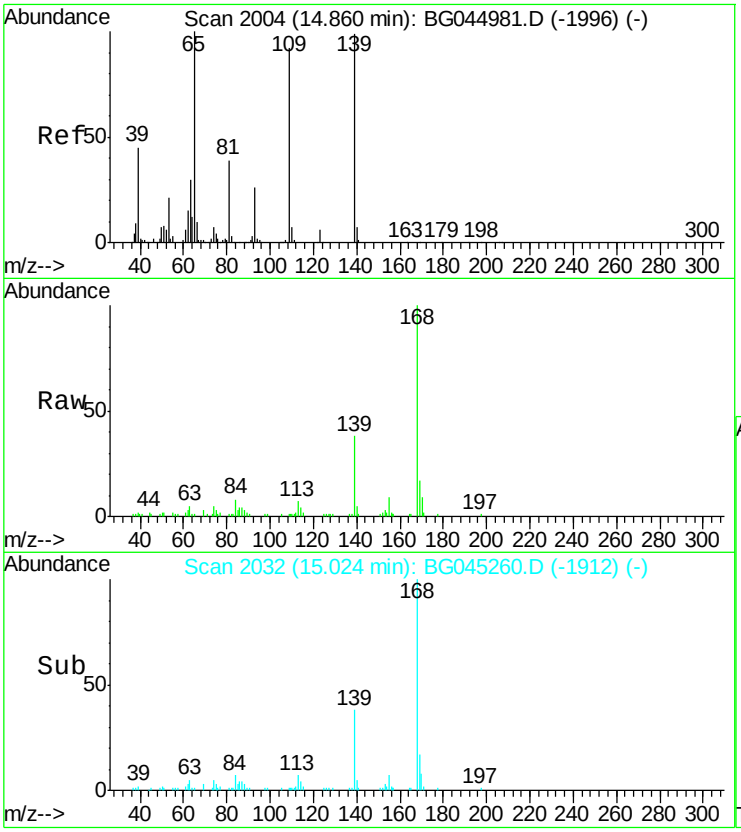


#51
2,6-Dinitrotoluene
Concen: 7.300 ng
RT: 14.62 min Scan# 1964
Delta R.T. 0.43 min
Lab File: BG045260.D
Acq: 6 May 2020 19:39

Tgt Ion:165 Resp: 47355

Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.4	60.6#
89	2.7	49.1	73.7#



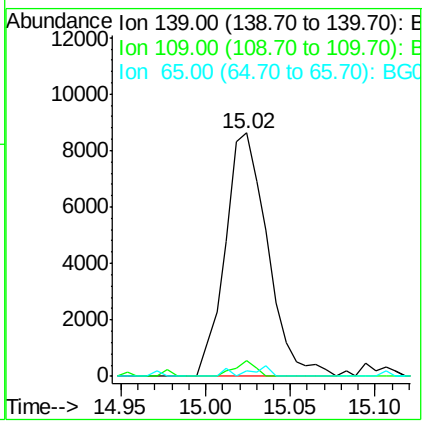


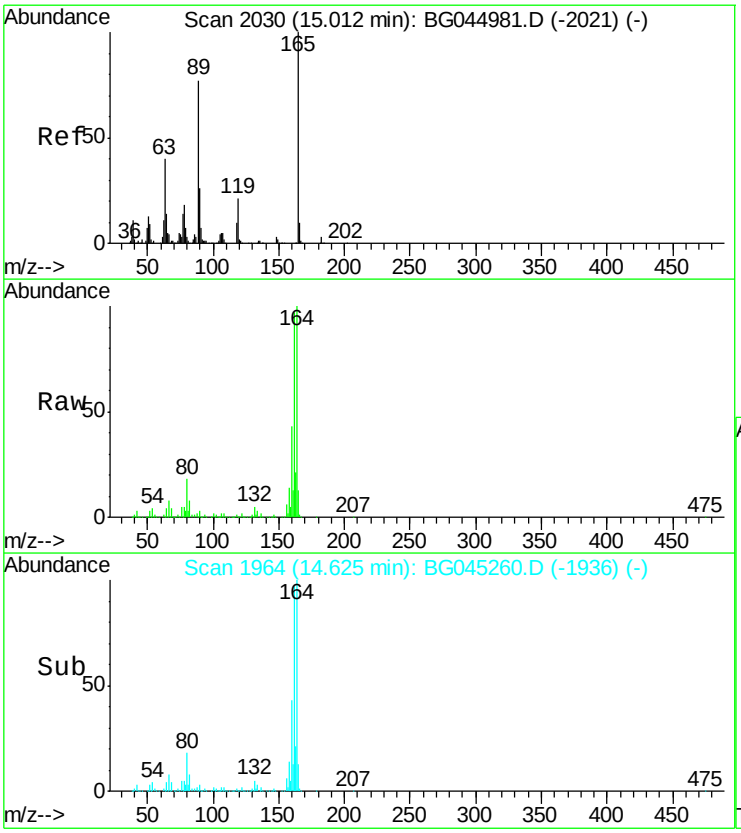
#56
4-Nitrophenol
Concen: 2.721 ng
RT: 15.02 min Scan# 2032
Delta R.T. 0.18 min
Lab File: BG045260.D
Acq: 6 May 2020 19:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 15012

Ion	Ratio	Lower	Upper
139	100		
109	6.3	73.6	113.6#
65	2.2	81.2	121.2#

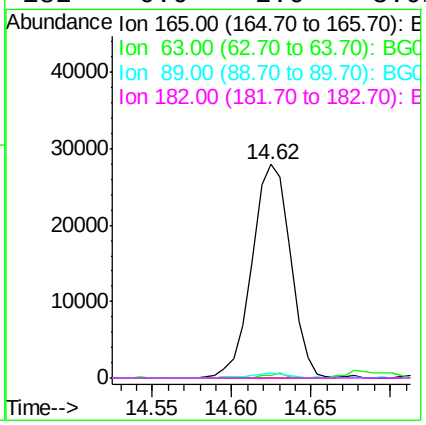


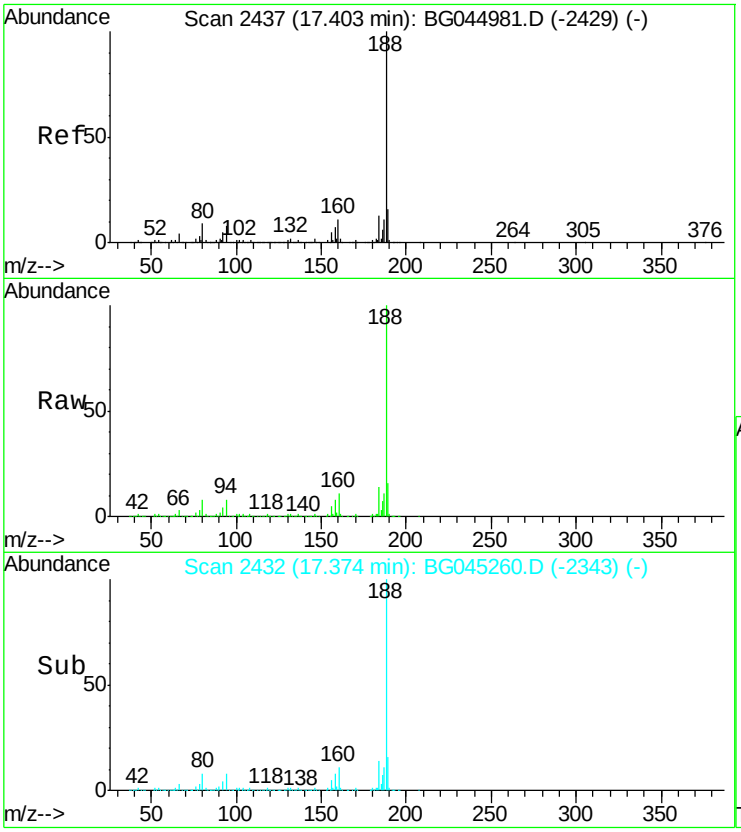


#57
2,4-Dinitrotoluene
Concen: 4.995 ng
RT: 14.62 min Scan# 1964
Delta R.T. -0.36 min
Lab File: BG045260.D
Acq: 6 May 2020 19:39

Tgt Ion:165 Resp: 47355

Ion	Ratio	Lower	Upper
165	100		
63	1.4	32.2	48.2#
89	2.7	61.7	92.5#
182	0.0	2.0	3.0#



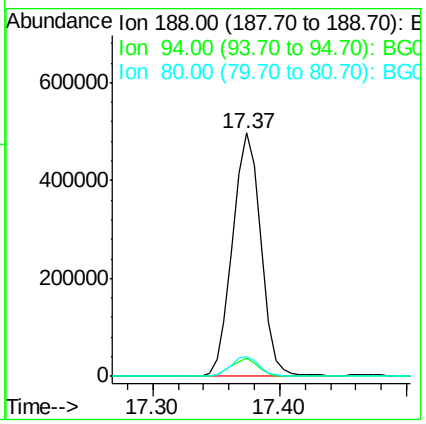


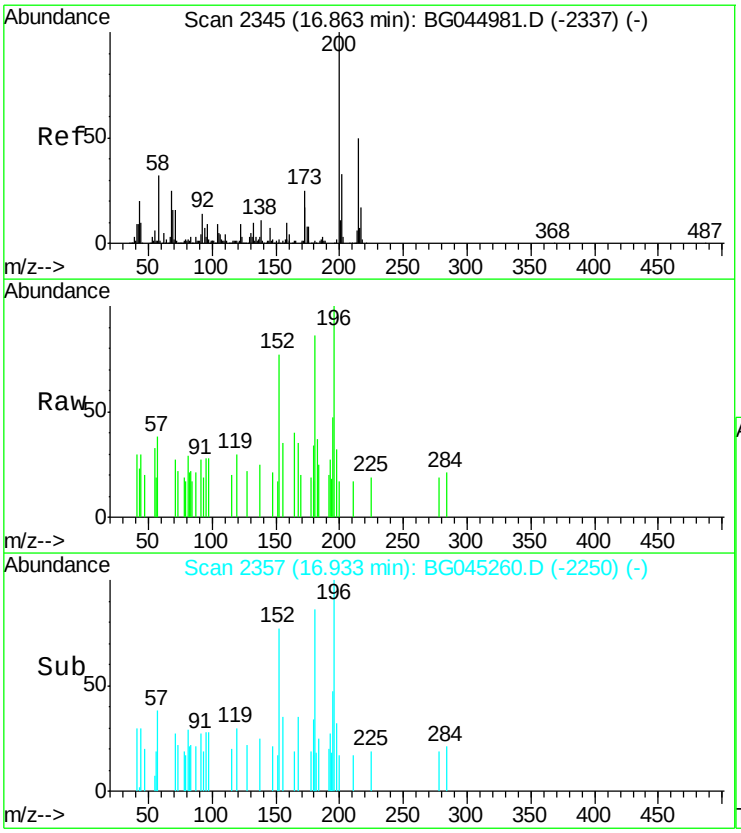
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG045260.D
Acq: 6 May 2020 19:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 768925

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.2	9.4
80	8.2	7.0	10.6

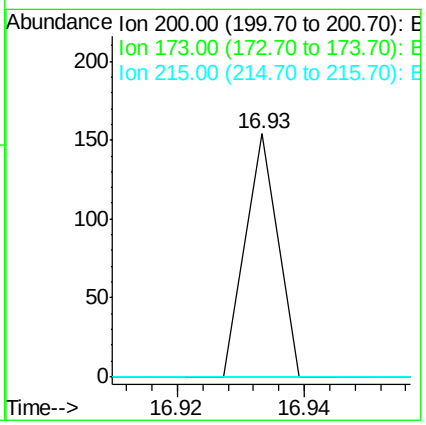


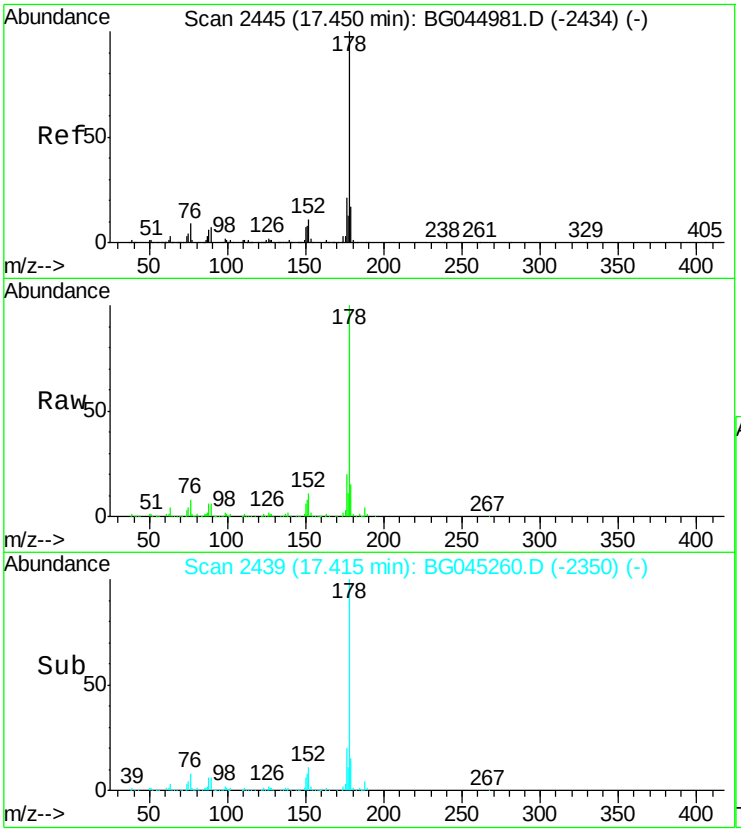


#69
Atrazine
Concen: Below Cal
RT: 16.93 min Scan# 2357
Delta R.T. 0.10 min
Lab File: BG045260.D
Acq: 6 May 2020 19:39

Tgt Ion:200 Resp: 54

Ion	Ratio	Lower	Upper
200	100		
173	0.0	4.5	44.5#
215	0.0	30.0	70.0#



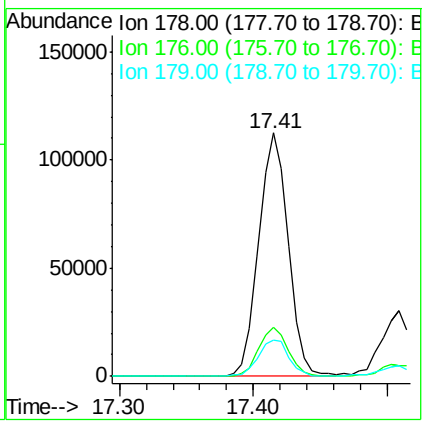


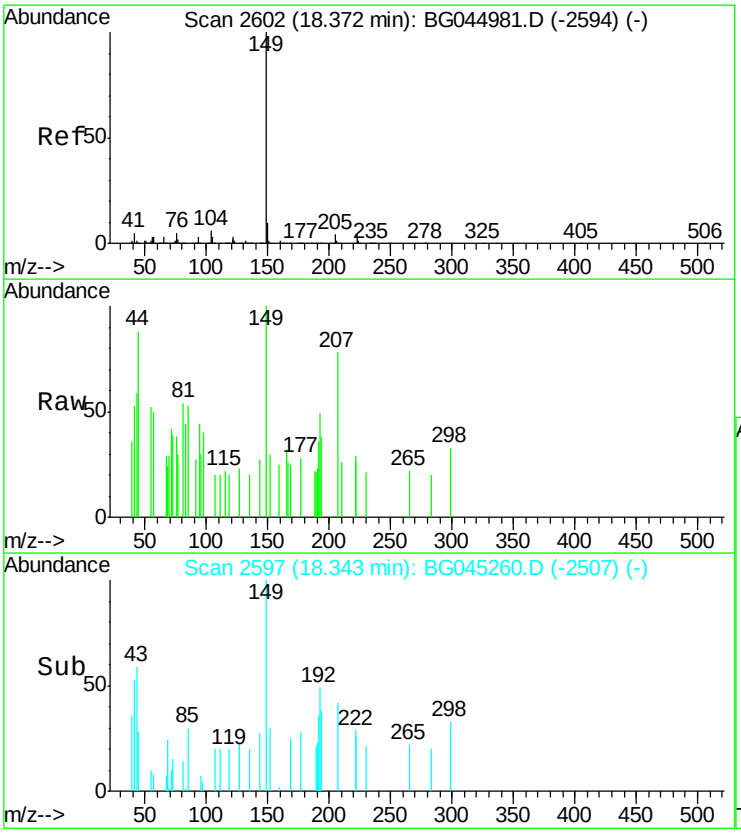
#71
Phenanthrene
Concen: 4.353 ng
RT: 17.41 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG045260.D
Acq: 6 May 2020 19:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 171985

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.8	25.2
179	14.8	13.2	19.8

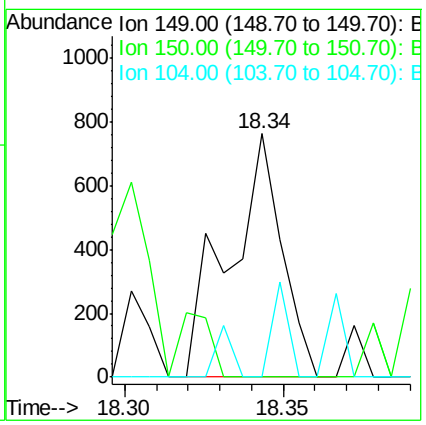


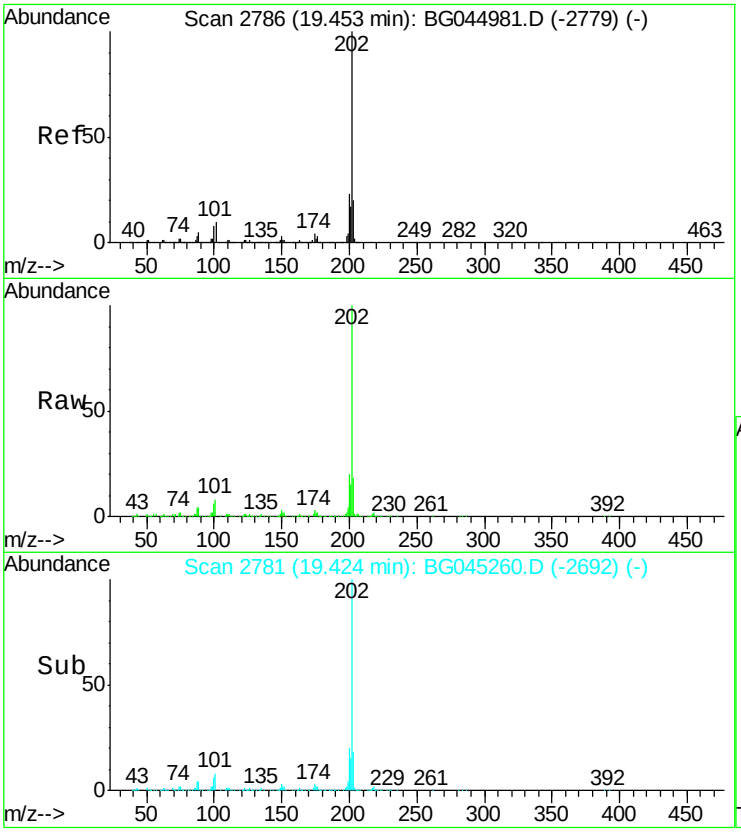


#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.34 min Scan# 2597
Delta R.T. 0.00 min
Lab File: BG045260.D
Acq: 6 May 2020 19:39

Tgt Ion:149 Resp: 888

Ion	Ratio	Lower	Upper
149	100		
150	0.0	8.2	12.2#
104	0.0	4.8	7.2#



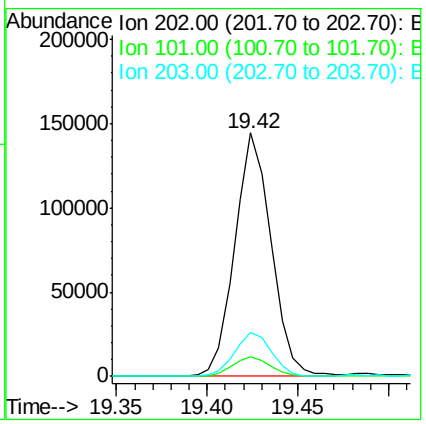


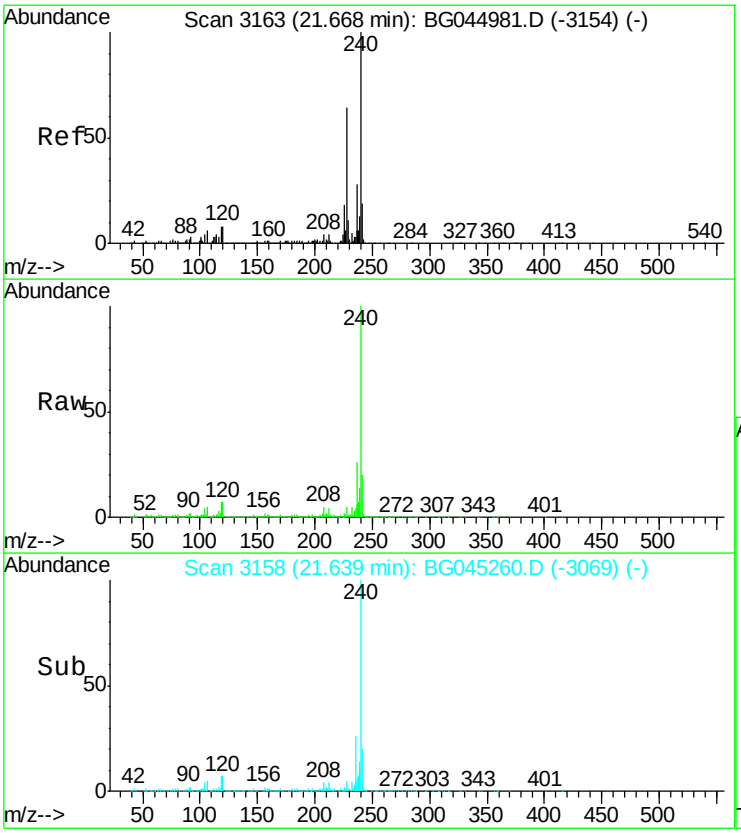
#75
Fluoranthene
Concen: Below Cal
RT: 19.42 min Scan# 2781
Delta R.T. -0.00 min
Lab File: BG045260.D
Acq: 6 May 2020 19:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 202469

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	29.6
203	17.9	0.0	39.7

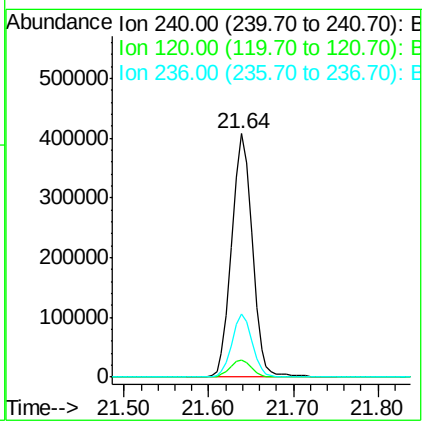


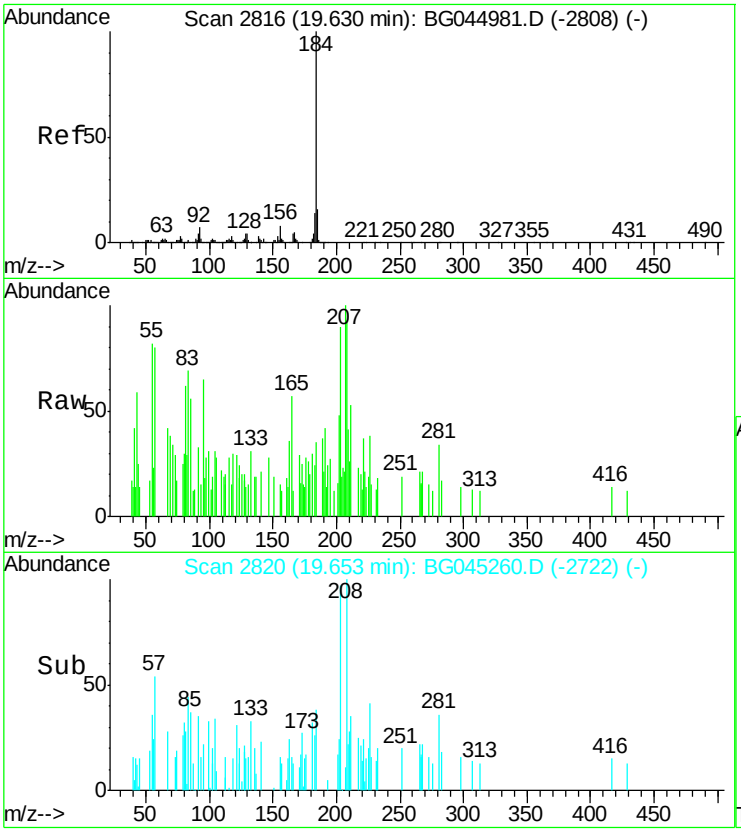


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.00 min
Lab File: BG045260.D
Acq: 6 May 2020 19:39

Tgt Ion:240 Resp: 682128

Ion	Ratio	Lower	Upper
240	100		
120	7.2	6.6	10.0
236	25.9	22.2	33.2



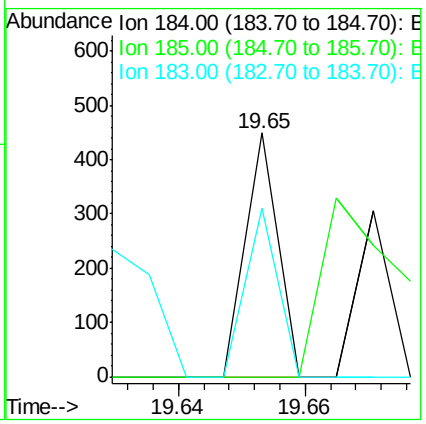


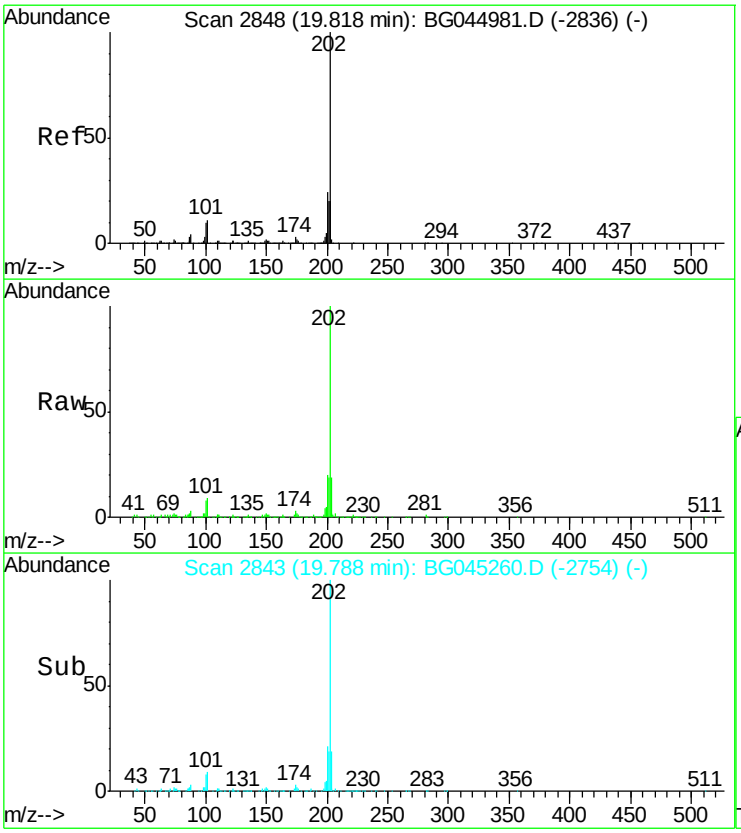
#77
Benzidine
Concen: Below Cal
RT: 19.65 min Scan# 2820
Delta R.T. 0.05 min
Lab File: BG045260.D
Acq: 6 May 2020 19:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 158

Ion	Ratio	Lower	Upper
184	100		
185	0.0	12.6	19.0#
183	69.3	11.3	16.9#

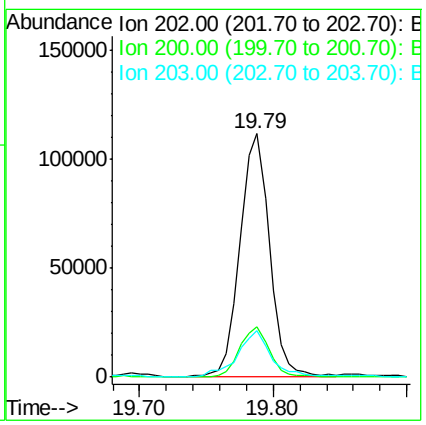


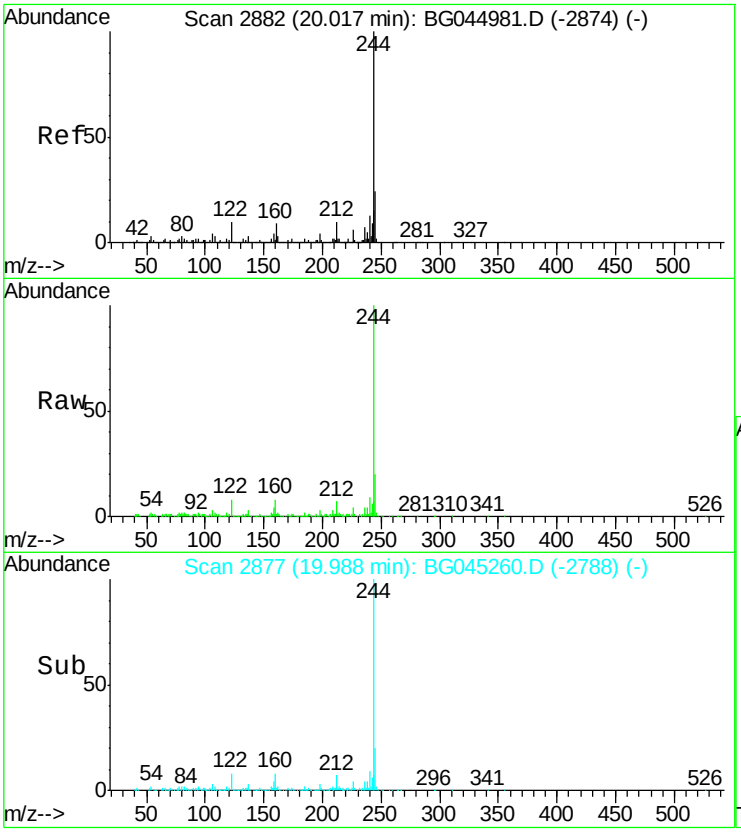


#78
Pyrene
Concen: 3.609 ng
RT: 19.79 min Scan# 2843
Delta R.T. -0.00 min
Lab File: BG045260.D
Acq: 6 May 2020 19:39

Tgt Ion:202 Resp: 169710

Ion	Ratio	Lower	Upper
202	100		
200	20.5	19.0	28.6
203	19.0	16.1	24.1



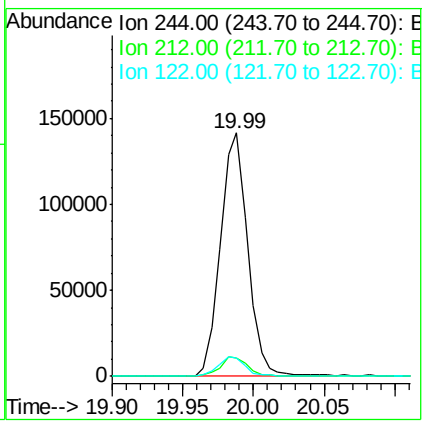


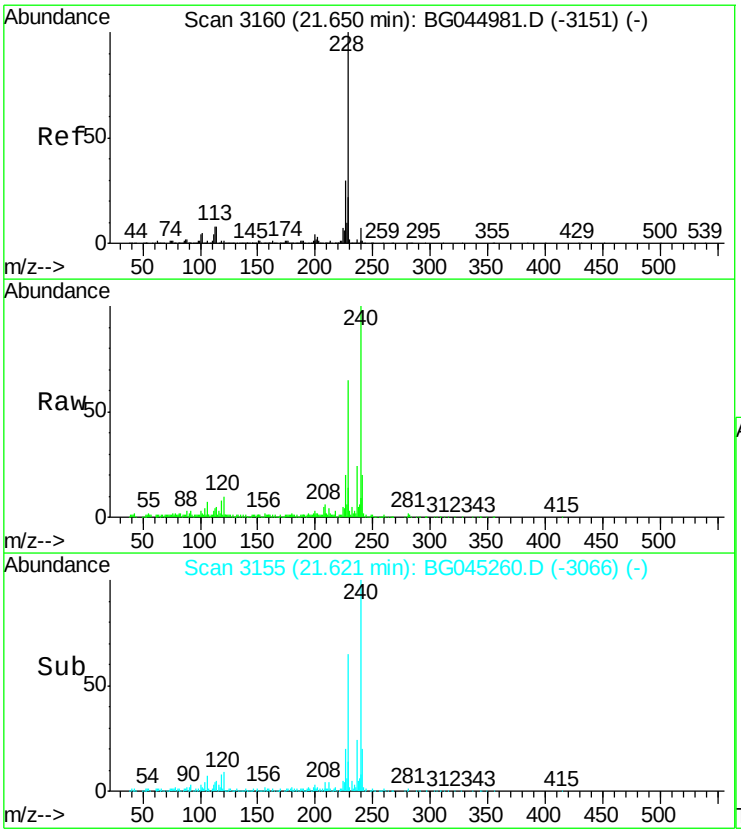
#79
Terphenyl-d14
Concen: 6.089 ng
RT: 19.99 min Scan# 2877
Delta R.T. -0.00 min
Lab File: BG045260.D
Acq: 6 May 2020 19:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 190563

Ion	Ratio	Lower	Upper
244	100		
212	7.4	7.9	11.9#
122	7.5	7.7	11.5#

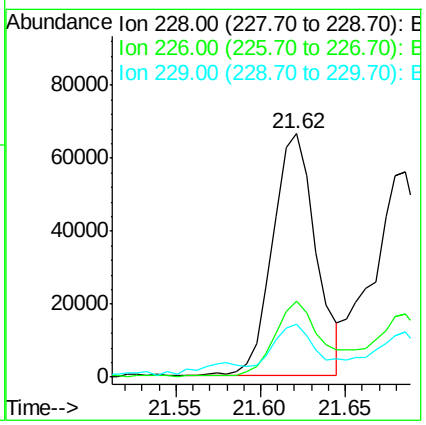


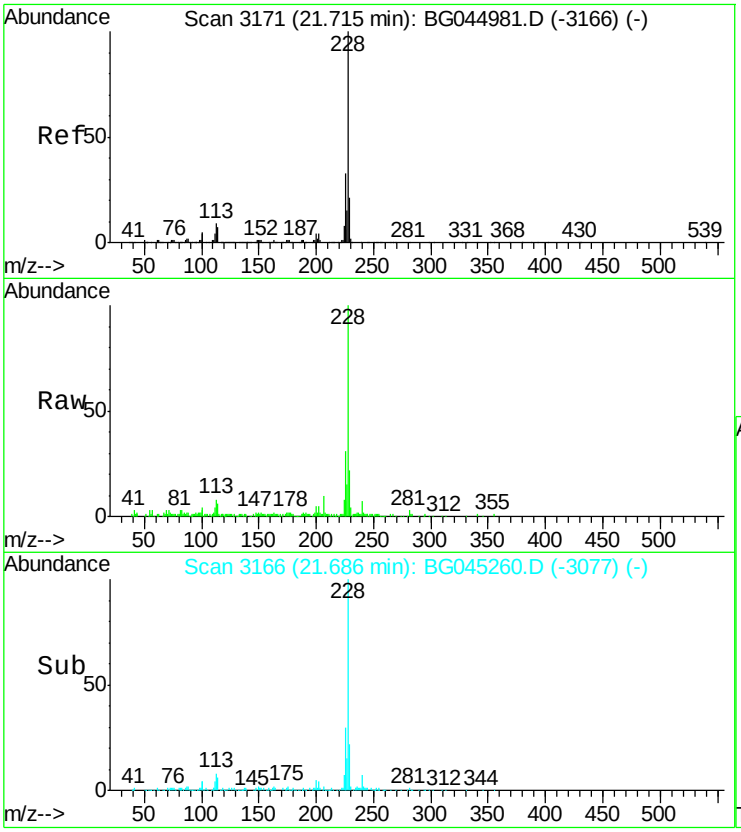


#81
Benzo(a)anthracene
Concen: 2.639 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG045260.D
Acq: 6 May 2020 19:39

Tgt Ion:228 Resp: 116674

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.0	36.0
229	21.8	17.5	26.3



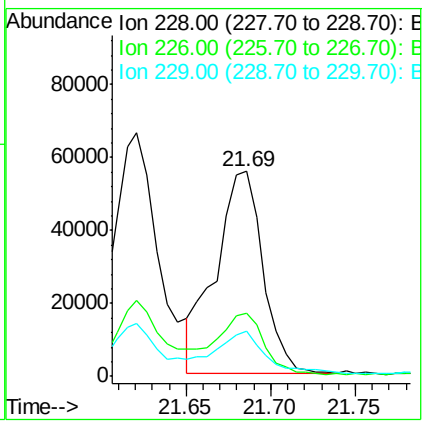


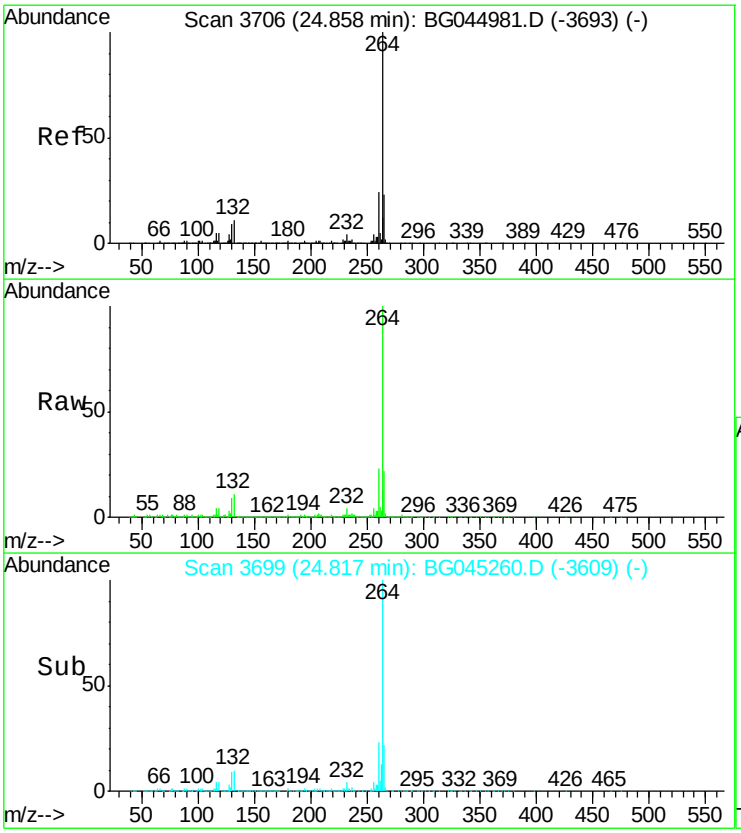
#83
Chrysene
Concen: 2.534 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.00 min
Lab File: BG045260.D
Acq: 6 May 2020 19:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 107624

Ion	Ratio	Lower	Upper
228	100		
226	30.8	26.2	39.4
229	22.2	17.0	25.6

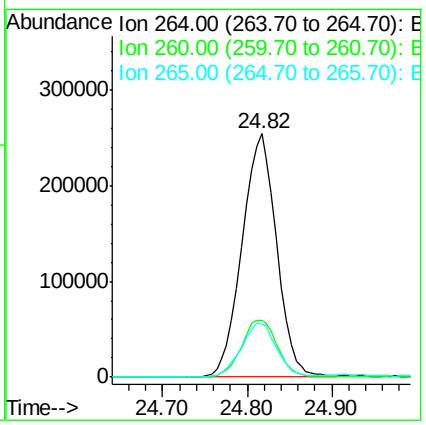


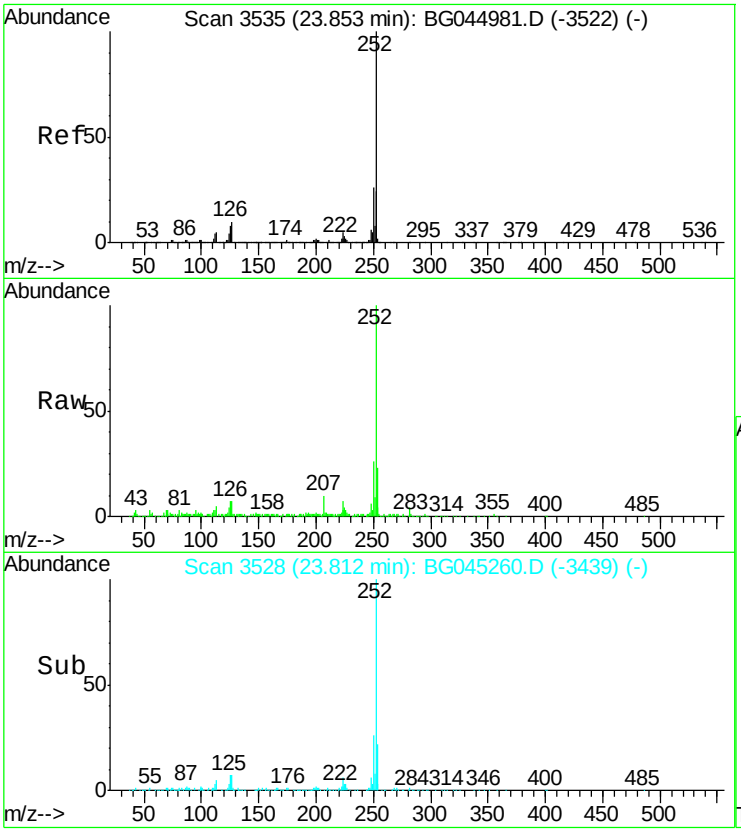


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3699
Delta R.T. 0.00 min
Lab File: BG045260.D
Acq: 6 May 2020 19:39

Tgt Ion:264 Resp: 721248

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.7	19.0	28.4



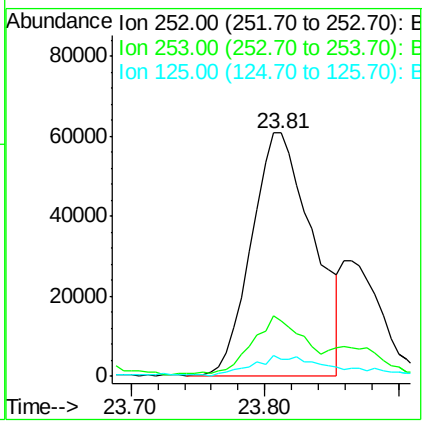


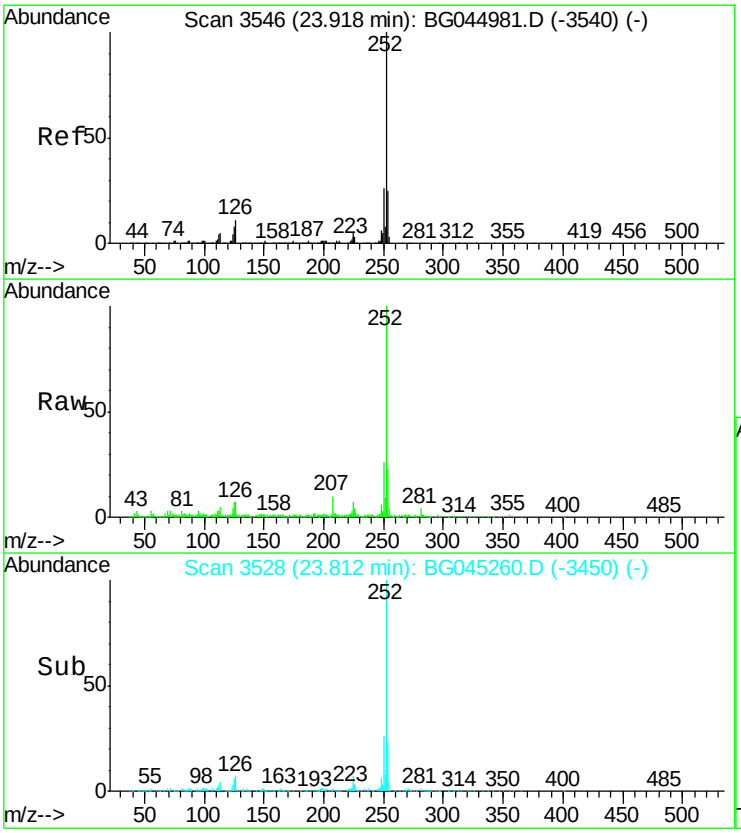
#88
Benzo(b)fluoranthene
Concen: 4.274 ng
RT: 23.81 min Scan# 3528
Delta R.T. -0.00 min
Lab File: BG045260.D
Acq: 6 May 2020 19:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 193078

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.8	28.2
125	7.2	6.2	9.4

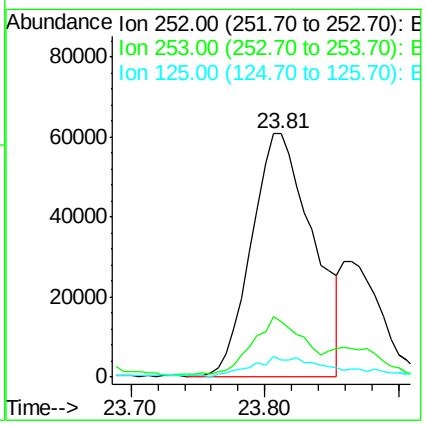


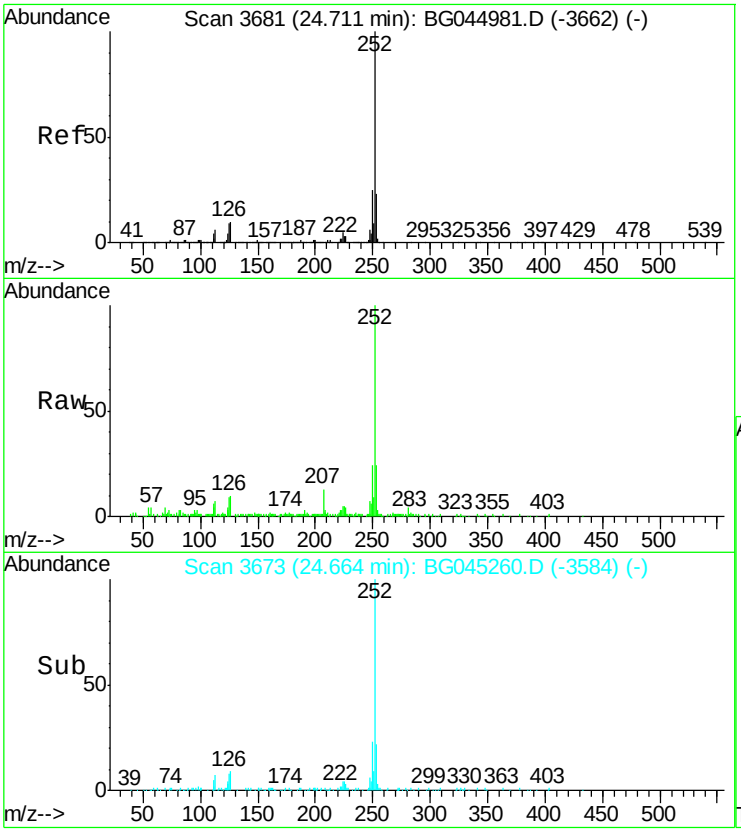


#89
Benzo(k)fluoranthene
Concen: 4.494 ng
RT: 23.81 min Scan# 3528
Delta R.T. -0.07 min
Lab File: BG045260.D
Acq: 6 May 2020 19:39

Tgt Ion:252 Resp: 193078

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.2	28.8
125	7.2	5.9	8.9



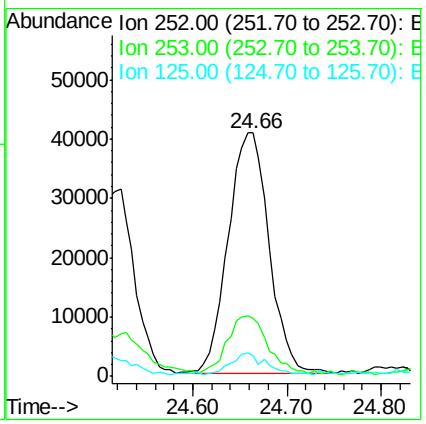


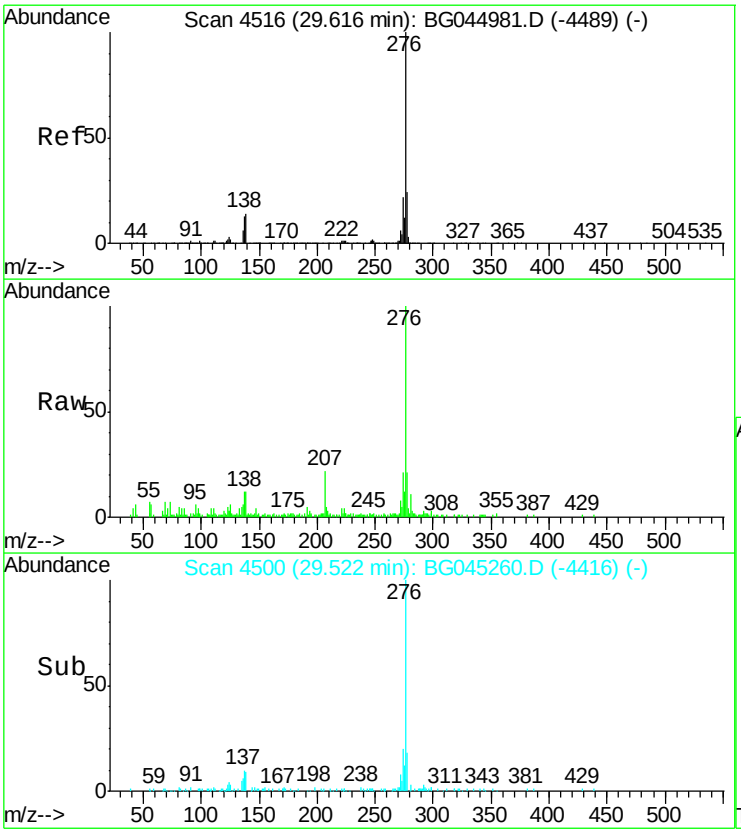
#90
Benzo(a)pyrene
Concen: 2.858 ng
RT: 24.66 min Scan# 3673
Delta R.T. -0.00 min
Lab File: BG045260.D
Acq: 6 May 2020 19:39

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 121902

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.3	27.5
125	8.6	7.0	10.6





#92
Benzo(g,h,i)perylene
Concen: 2.533 ng
RT: 29.52 min Scan# 4500
Delta R.T. -0.03 min
Lab File: BG045260.D
Acq: 6 May 2020 19:39

Tgt Ion:276 Resp: 109138

Ion	Ratio	Lower	Upper
276	100		
277	20.5	19.3	28.9
138	11.7	11.4	17.2