Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052820\
Data File : BG045498.D
Acq On : 28 May 2020 15:32
Operator : CG/JU
Sample : L2771-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAMP-B-INFIELD-2

Quant Time: May 28 16:16:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 13:15:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	77092	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	314099	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	233117	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	528388	20.00	ng		0.00
76) Chrysene-d12	21.60	240	464486	20.00	ng		0.00
87) Perylene-d12	24.75	264	503513	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	401043	101.67	ng		0.00
7) Phenol-d6	7.16	99	621098	110.62	ng		0.00
23) Nitrobenzene-d5	9.12	82	442151	76.76	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	342497	114.88	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	1062980	77.34	ng		0.00
79) Terphenyl-d14	19.96	244	1637448	82.22	ng		0.00
Target Compounds							Qvalue
50) Dimethylphthalate	14.05	163	200139	12.515	ng		99
71) Phenanthrene	17.39	178	51100	2.215	ng		97
75) Fluoranthene	19.40	202	165279	5.633	ng		98
78) Pyrene	19.76	202	162044	6.120	ng		99
81) Benzo(a)anthracene	21.59	228	73404	2.837	ng		98
83) Chrysene	21.65	228	74345	2.988	ng		94
88) Benzo(b)fluoranthene	23.77	252	97393	3.607	ng	#	97
90) Benzo(a)pyrene	24.60	252	77229	3.071	ng		98
92) Benzo(g,h,i)perylene	29.42	276	52969	2.096	ng		98

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

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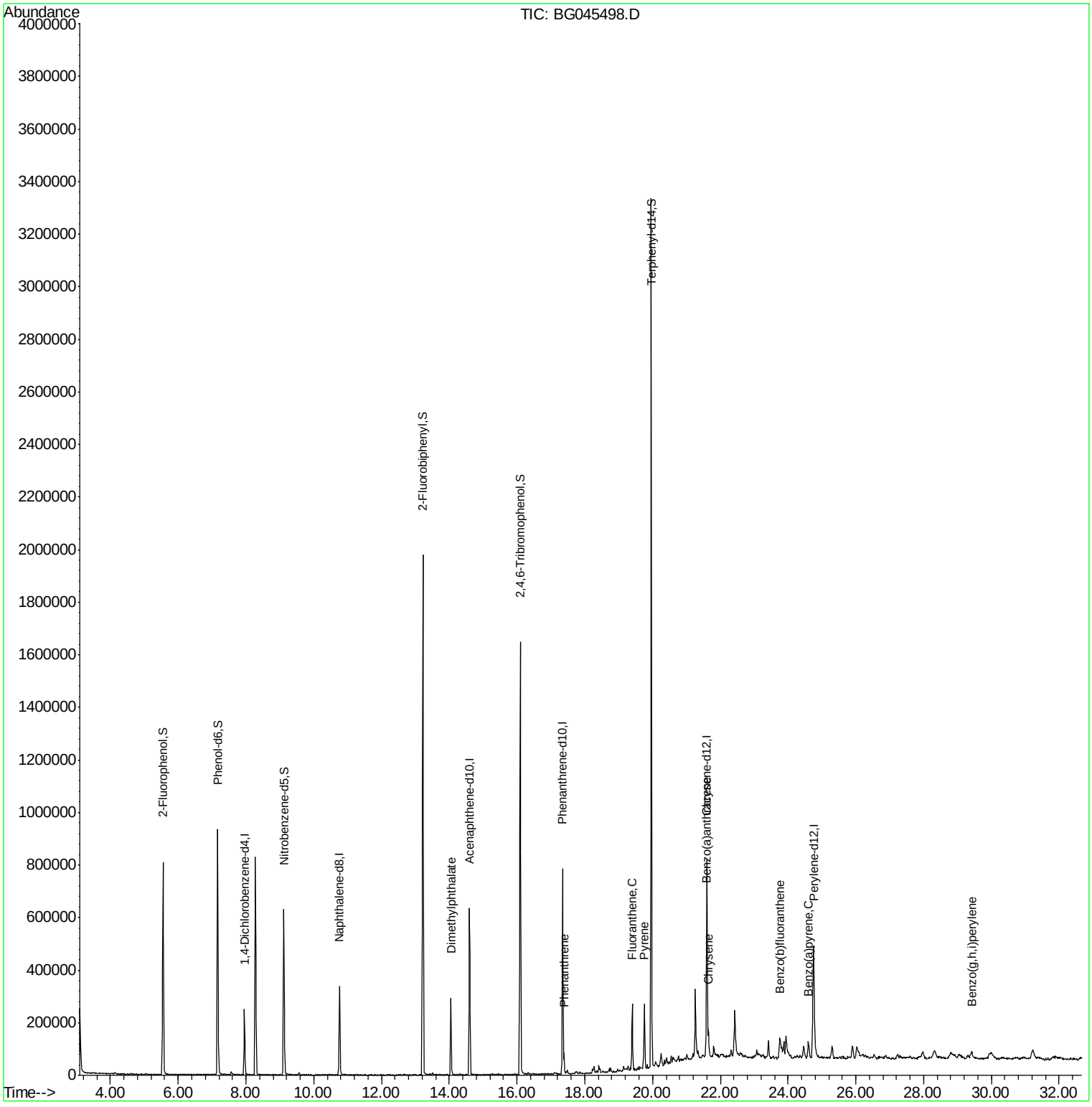
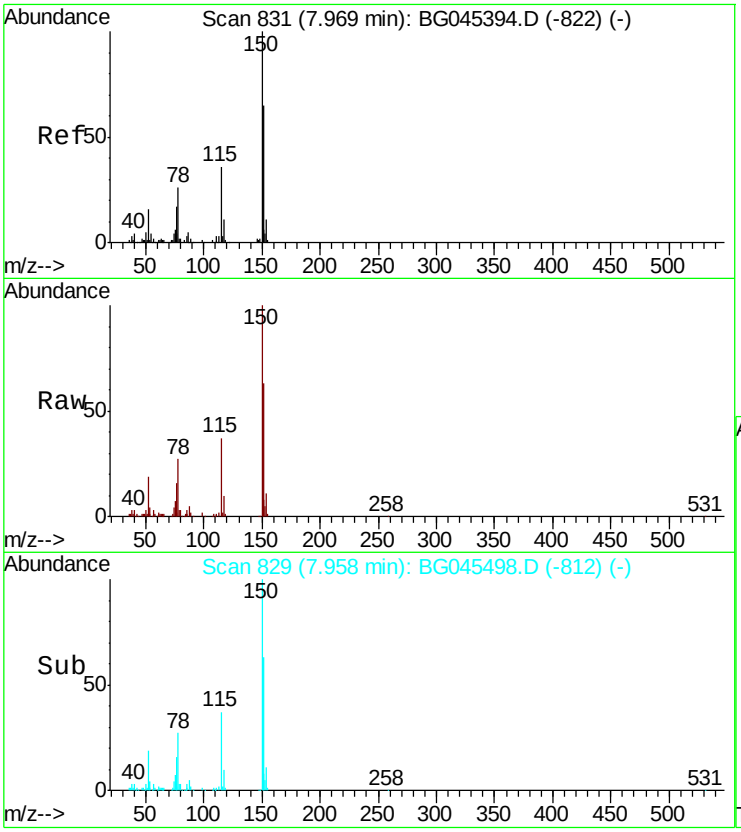


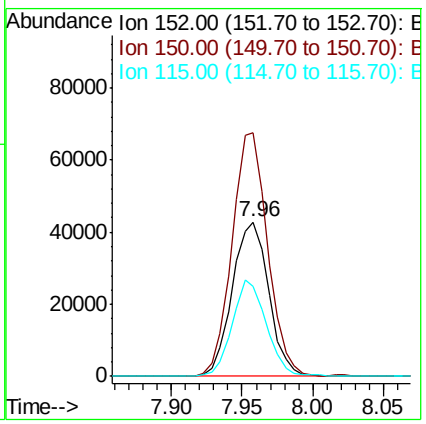


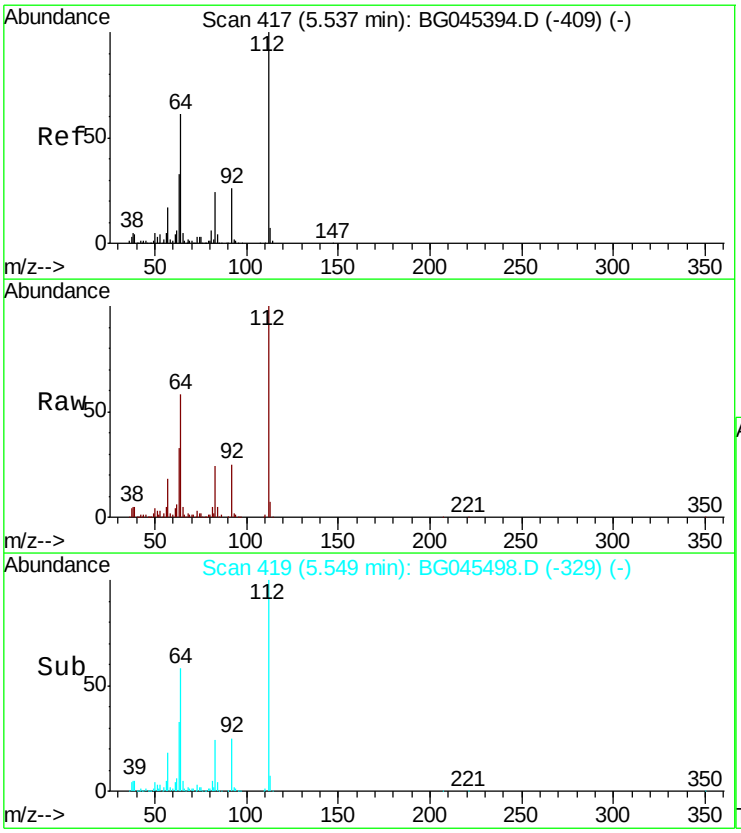
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG045498.D
Acq: 28 May 2020 15:32

Instrument :
BNA_G
ClientSampleId :
RAMP-B-INFIELD-2

Tgt Ion:152 Resp: 77092

Ion	Ratio	Lower	Upper
152	100		
150	157.9	122.4	183.6
115	58.7	44.2	66.4

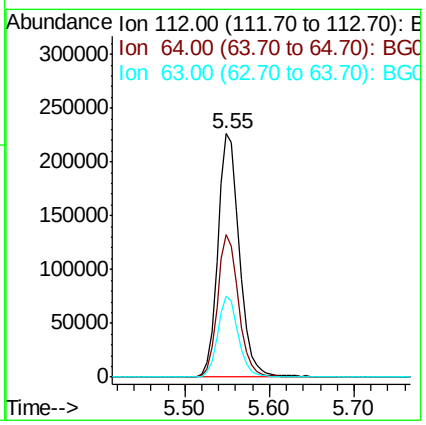


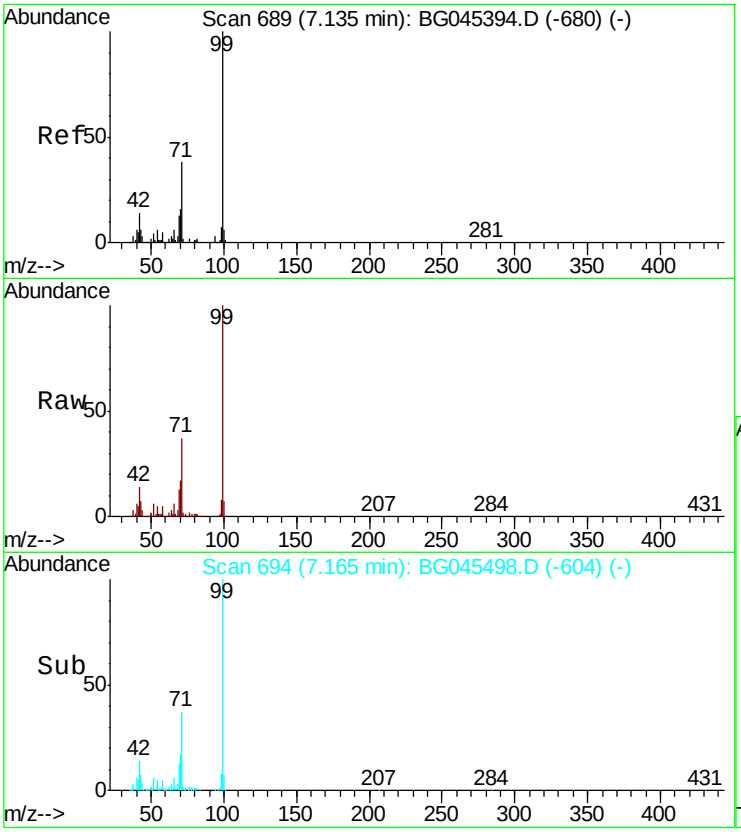


#5
2-Fluorophenol
Concen: 101.665 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.00 min
Lab File: BG045498.D
Acq: 28 May 2020 15:32

Tgt Ion:112 Resp: 401043

Ion	Ratio	Lower	Upper
112	100		
64	58.5	48.6	72.8
63	33.1	26.5	39.7



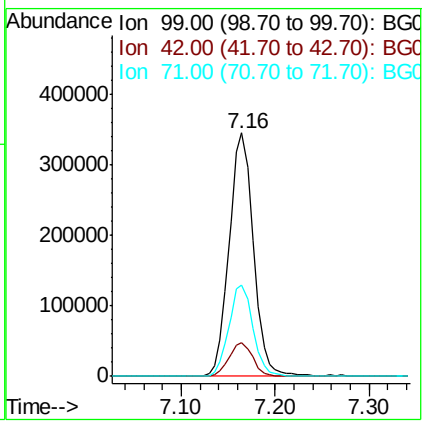


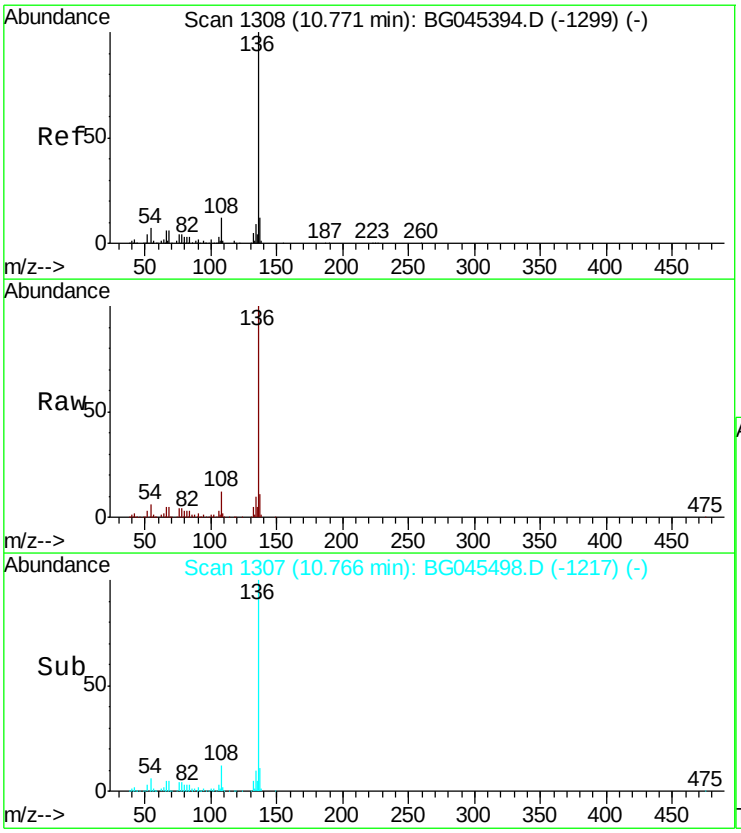
#7
Phenol-d6
Concen: 110.623 ng
RT: 7.16 min Scan# 694
Delta R.T. -0.00 min
Lab File: BG045498.D
Acq: 28 May 2020 15:32

Instrument :
BNA_G
ClientSampleId :
RAMP-B-INFIELD-2

Tgt Ion: 99 Resp: 621098

Ion	Ratio	Lower	Upper
99	100		
42	13.8	11.3	16.9
71	37.4	30.8	46.2

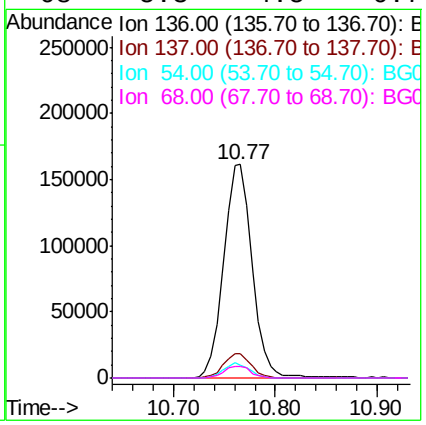


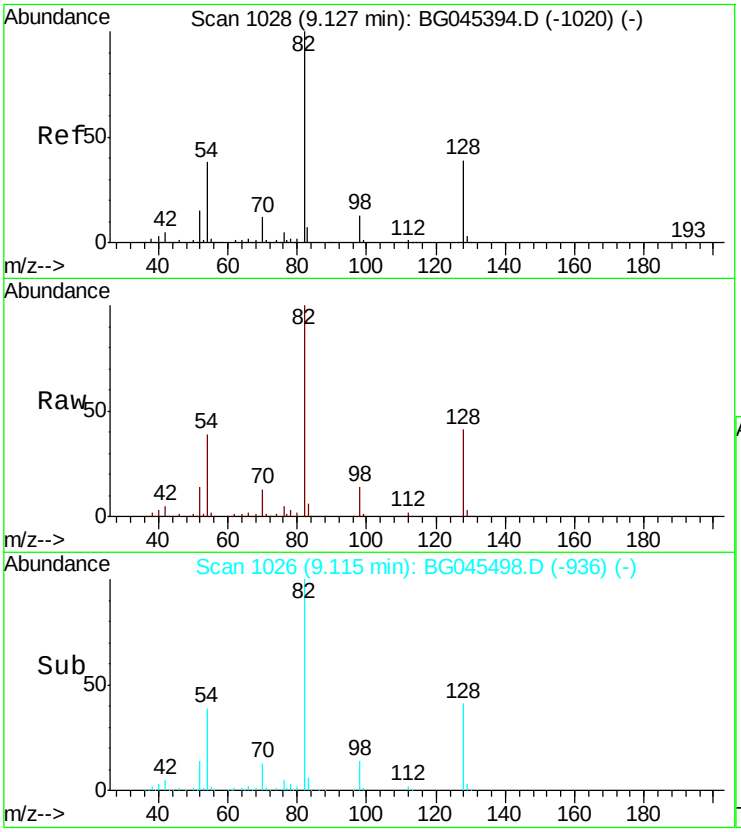


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG045498.D
Acq: 28 May 2020 15:32

Tgt Ion:136 Resp: 314099

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.2
54	5.9	5.8	8.6
68	5.3	4.5	6.7



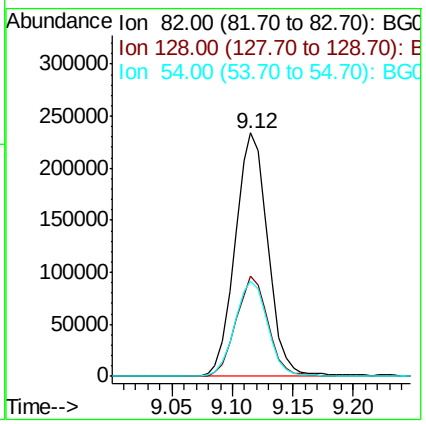


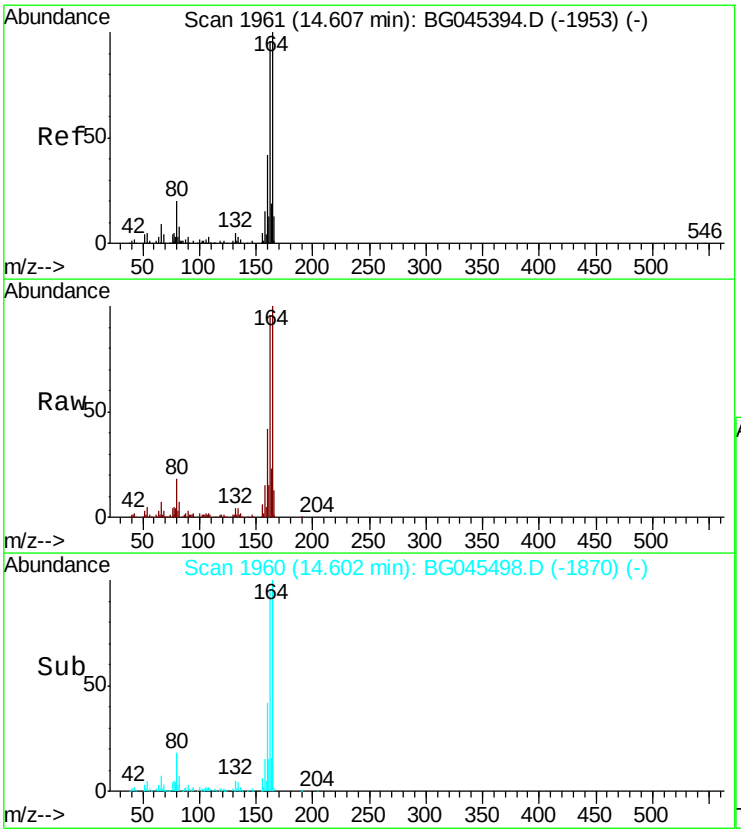
#23
Nitrobenzene-d5
Concen: 76.763 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG045498.D
Acq: 28 May 2020 15:32

Instrument :
BNA_G
ClientSampleId :
RAMP-B-INFIELD-2

Tgt Ion: 82 Resp: 442151

Ion	Ratio	Lower	Upper
82	100		
128	41.1	30.9	46.3
54	39.2	30.3	45.5

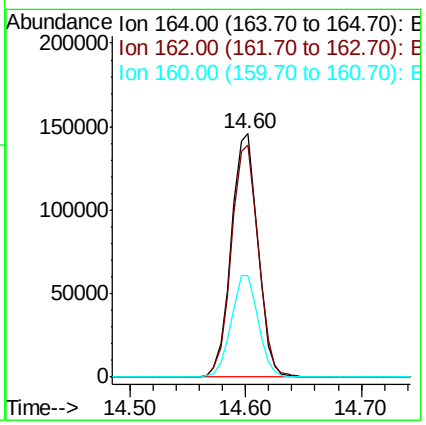


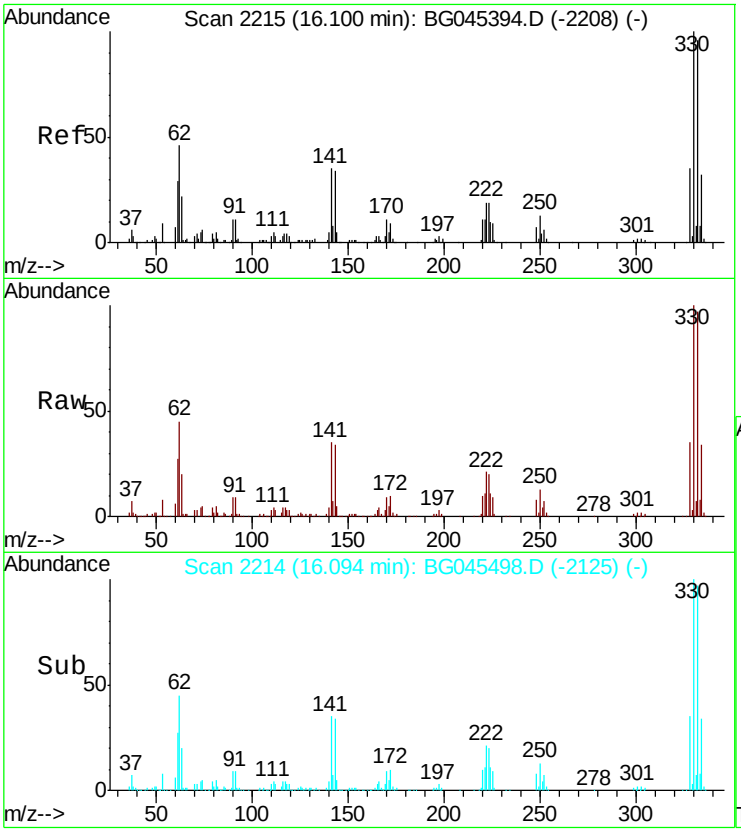


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG045498.D
Acq: 28 May 2020 15:32

Tgt Ion:164 Resp: 233117

Ion	Ratio	Lower	Upper
164	100		
162	95.6	76.9	115.3
160	41.8	33.8	50.8



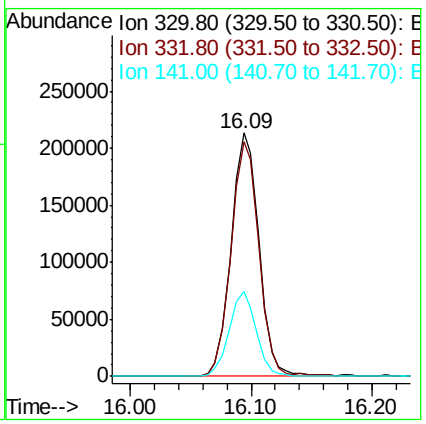


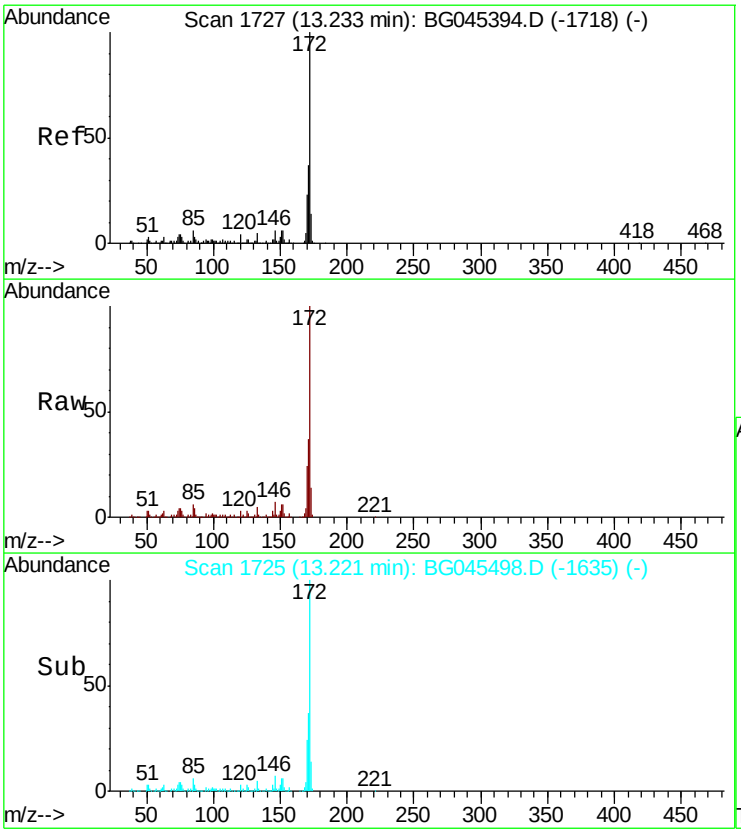
#42
2,4,6-Tribromophenol
Concen: 114.882 ng
RT: 16.09 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BG045498.D
Acq: 28 May 2020 15:32

Instrument :
BNA_G
ClientSampleId :
RAMP-B-INFIELD-2

Tgt Ion:330 Resp: 342497

Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.2	117.4
141	34.1	28.2	42.4

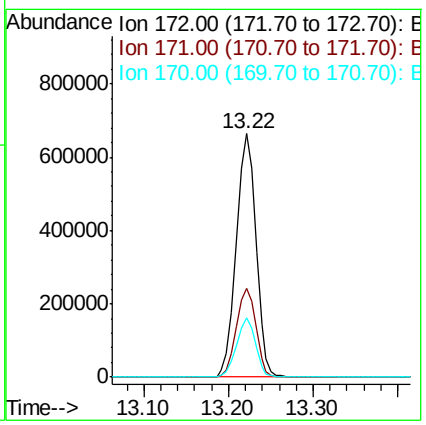


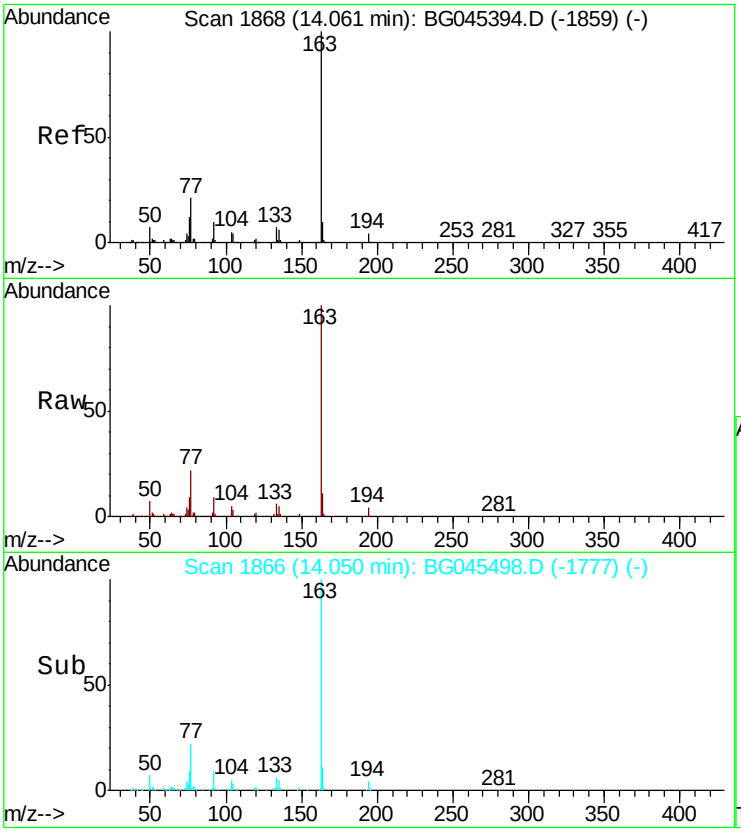


#45
2-Fluorobiphenyl
Concen: 77.345 ng
RT: 13.22 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG045498.D
Acq: 28 May 2020 15:32

Tgt Ion:172 Resp: 1062980

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.5	44.3
170	24.4	18.5	27.7



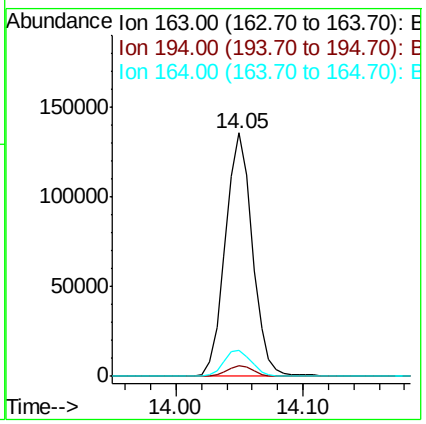


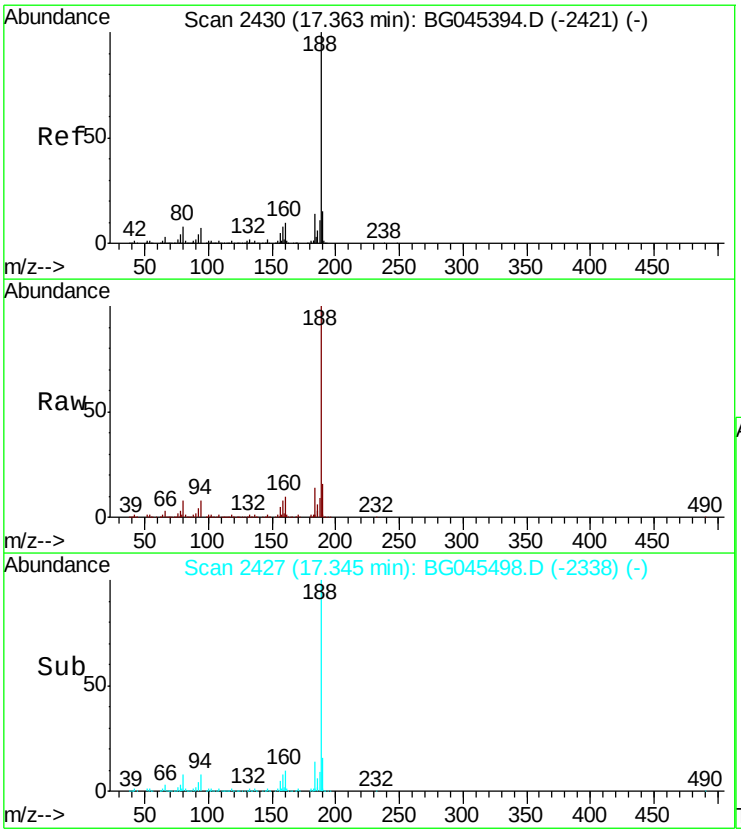
#50
Dimethylphthalate
Concen: 12.515 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BG045498.D
Acq: 28 May 2020 15:32

Instrument :
BNA_G
ClientSampleId :
RAMP-B-INFIELD-2

Tgt Ion:163 Resp: 200139

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.8	8.3	12.5

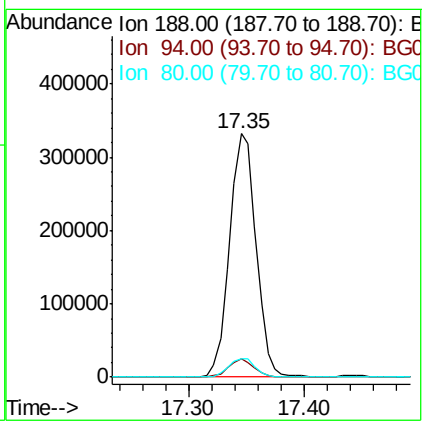


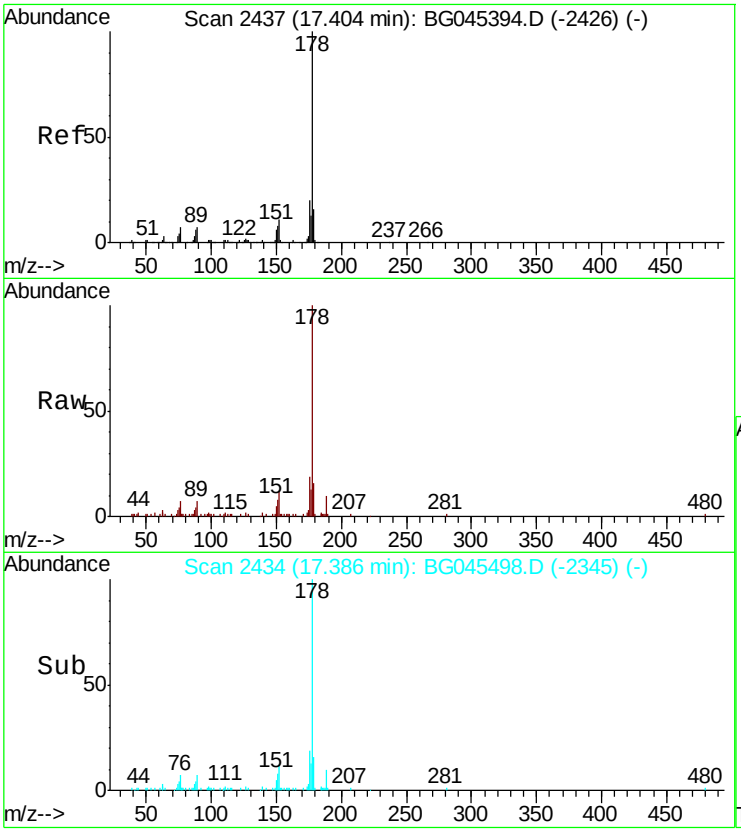


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BG045498.D
Acq: 28 May 2020 15:32

Tgt Ion:188 Resp: 528388

Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.5	8.3
80	7.7	6.6	10.0



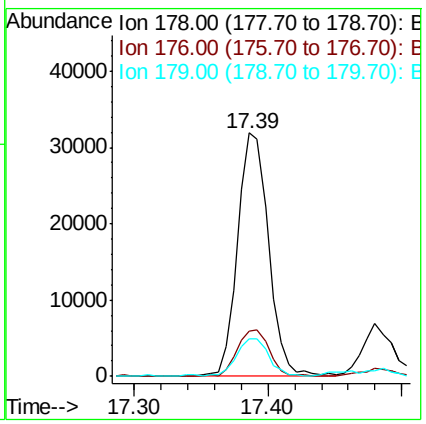


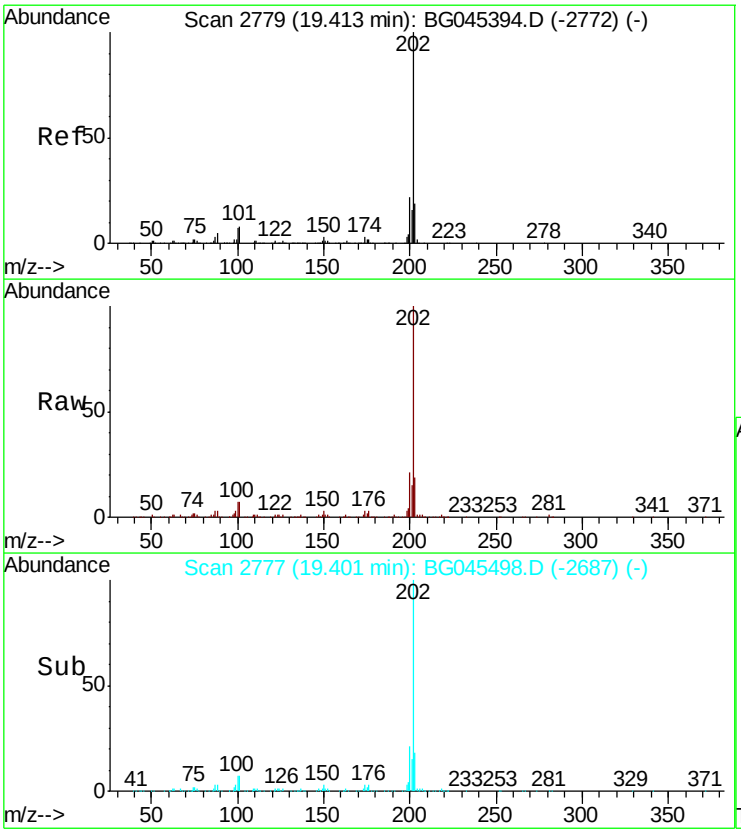
#71
Phenanthrene
Concen: 2.215 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BG045498.D
Acq: 28 May 2020 15:32

Instrument :
BNA_G
ClientSampleId :
RAMP-B-INFIELD-2

Tgt Ion:178 Resp: 51100

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.2	24.4
179	15.7	13.1	19.7

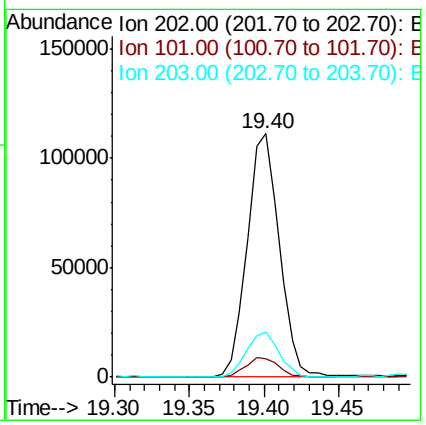


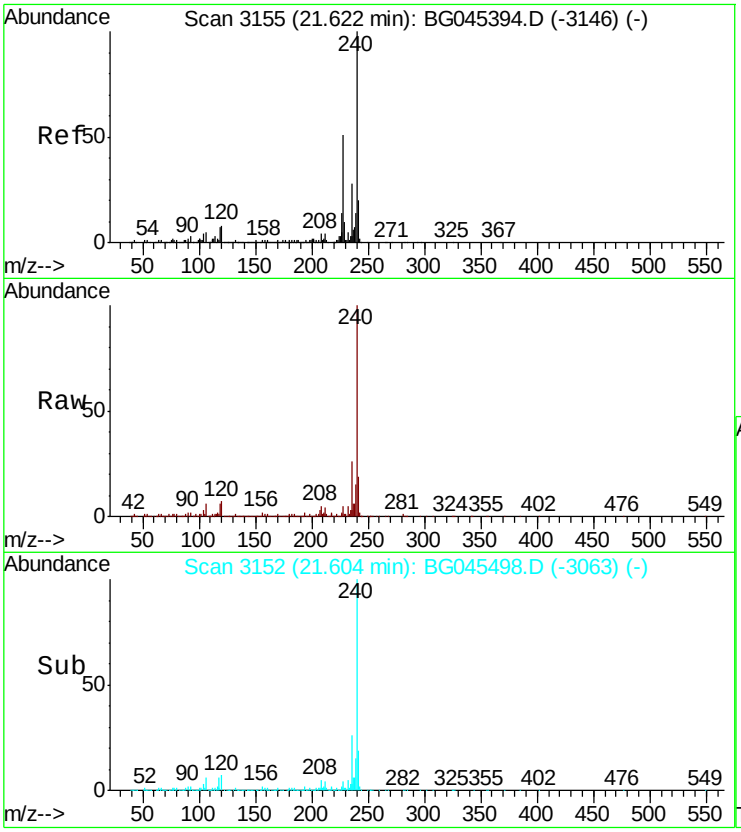


#75
Fluoranthene
Concen: 5.633 ng
RT: 19.40 min Scan# 2777
Delta R.T. -0.00 min
Lab File: BG045498.D
Acq: 28 May 2020 15:32

Tgt Ion:202 Resp: 165279

Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	28.3
203	18.5	0.0	39.0



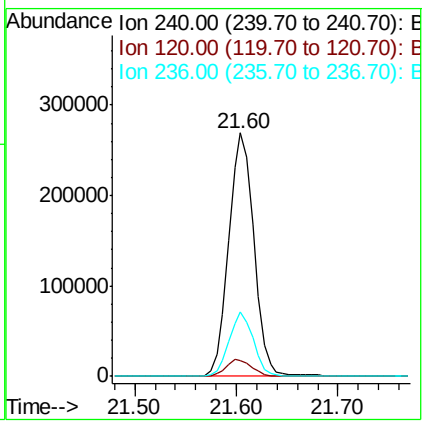


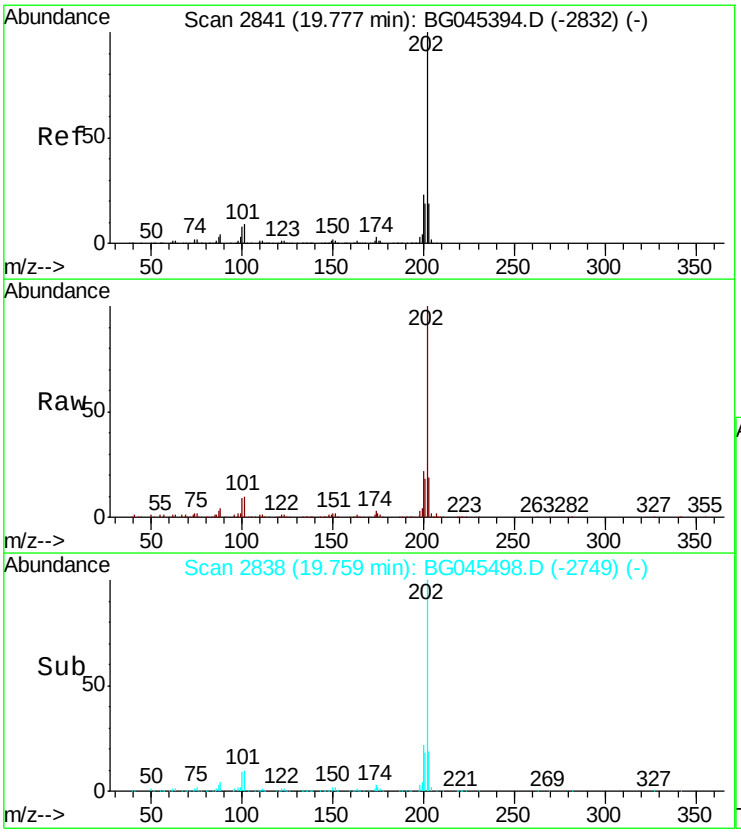
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG045498.D
Acq: 28 May 2020 15:32

Instrument :
BNA_G
ClientSampleId :
RAMP-B-INFIELD-2

Tgt Ion:240 Resp: 464486

Ion	Ratio	Lower	Upper
240	100		
120	6.6	6.1	9.1
236	26.4	22.3	33.5

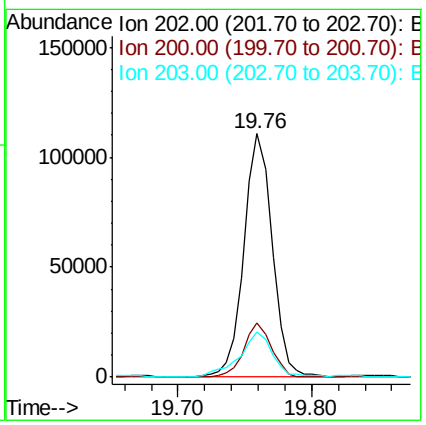


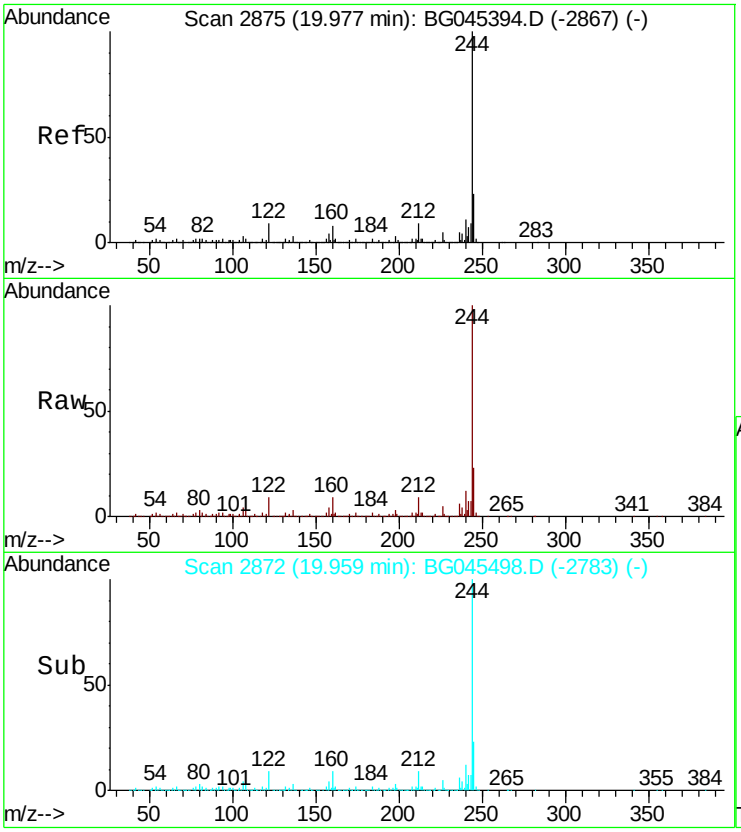


#78
Pyrene
Concen: 6.120 ng
RT: 19.76 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BG045498.D
Acq: 28 May 2020 15:32

Tgt Ion:202 Resp: 162044

Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.2	27.2
203	18.7	15.1	22.7



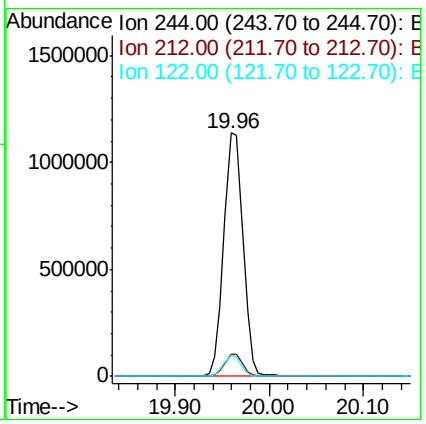


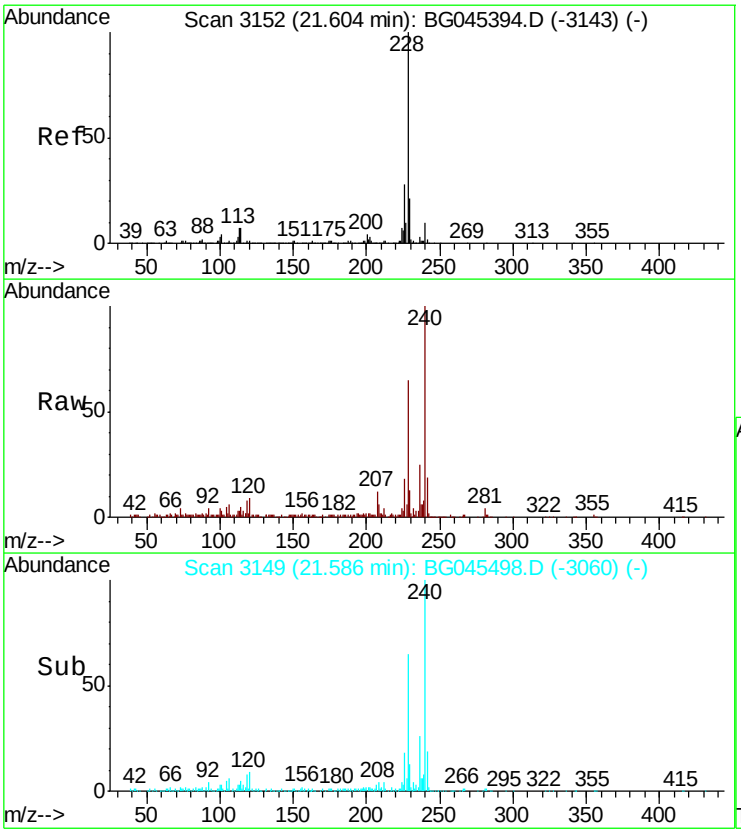
#79
Terphenyl-d14
Concen: 82.220 ng
RT: 19.96 min Scan# 2872
Delta R.T. -0.01 min
Lab File: BG045498.D
Acq: 28 May 2020 15:32

Instrument :
BNA_G
ClientSampleId :
RAMP-B-INFIELD-2

Tgt Ion:244 Resp: 1637448

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.4	11.0
122	8.7	6.8	10.2

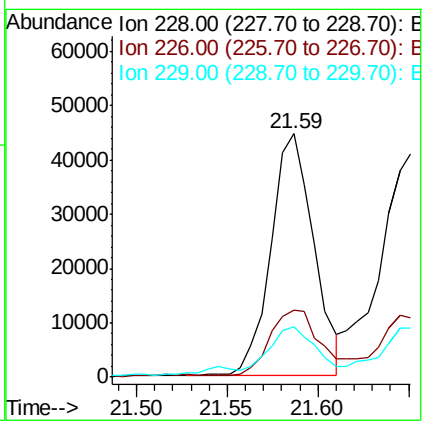


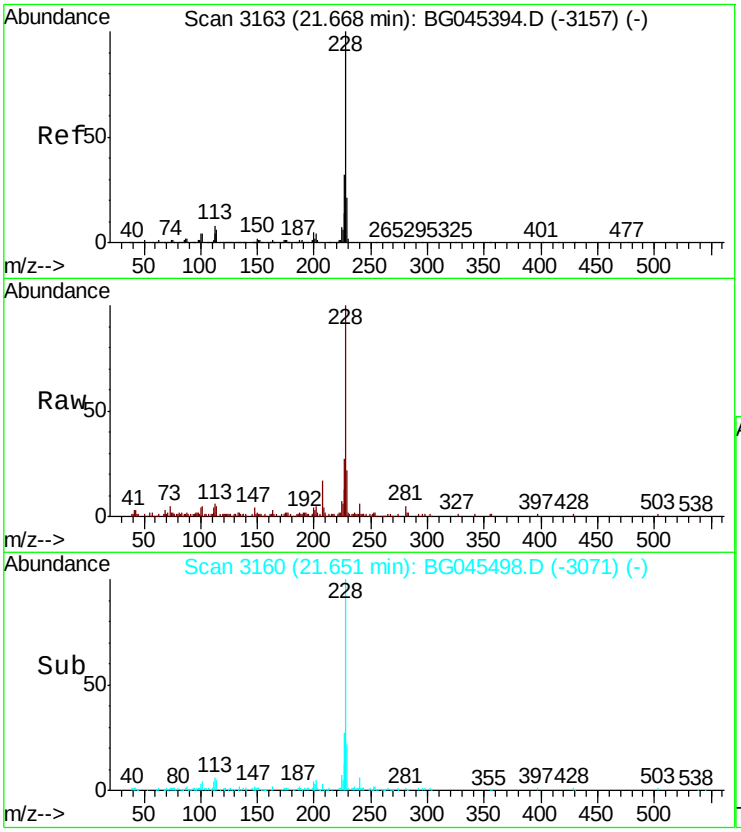


#81
Benzo(a)anthracene
Concen: 2.837 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG045498.D
Acq: 28 May 2020 15:32

Tgt Ion:228 Resp: 73404

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.7	34.1
229	20.4	16.7	25.1



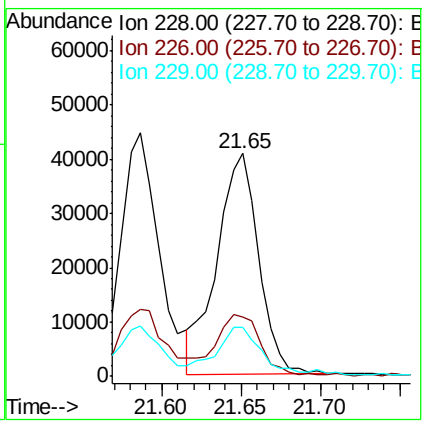


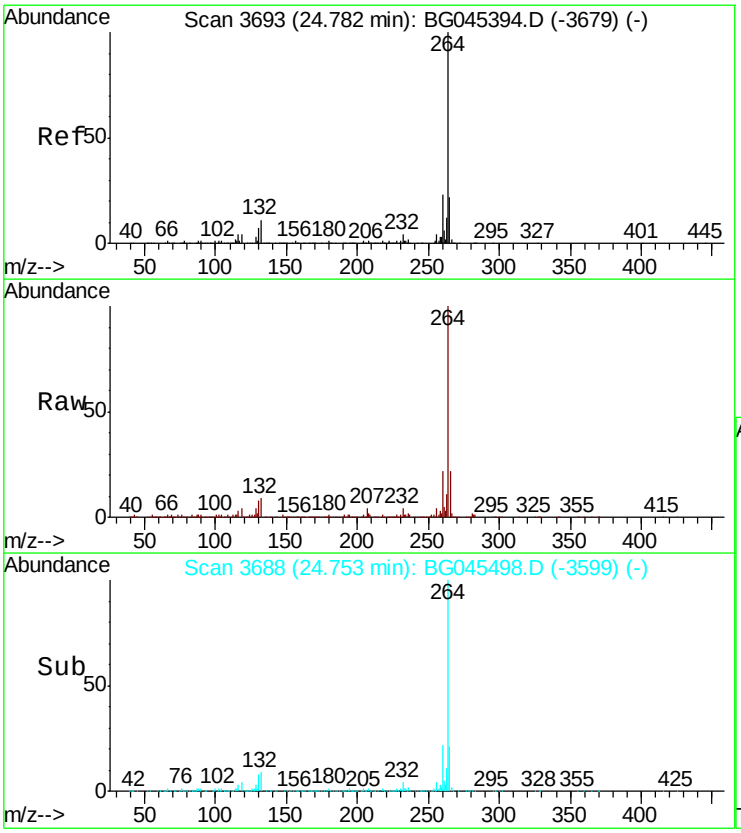
#83
Chrysene
Concen: 2.988 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG045498.D
Acq: 28 May 2020 15:32

Instrument :
BNA_G
ClientSampleId :
RAMP-B-INFIELD-2

Tgt Ion:228 Resp: 74345

Ion	Ratio	Lower	Upper
228	100		
226	26.9	25.2	37.8
229	22.1	16.7	25.1

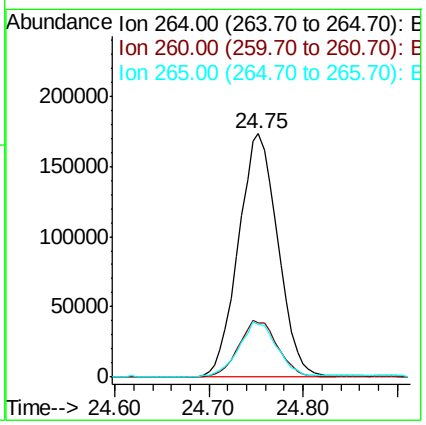


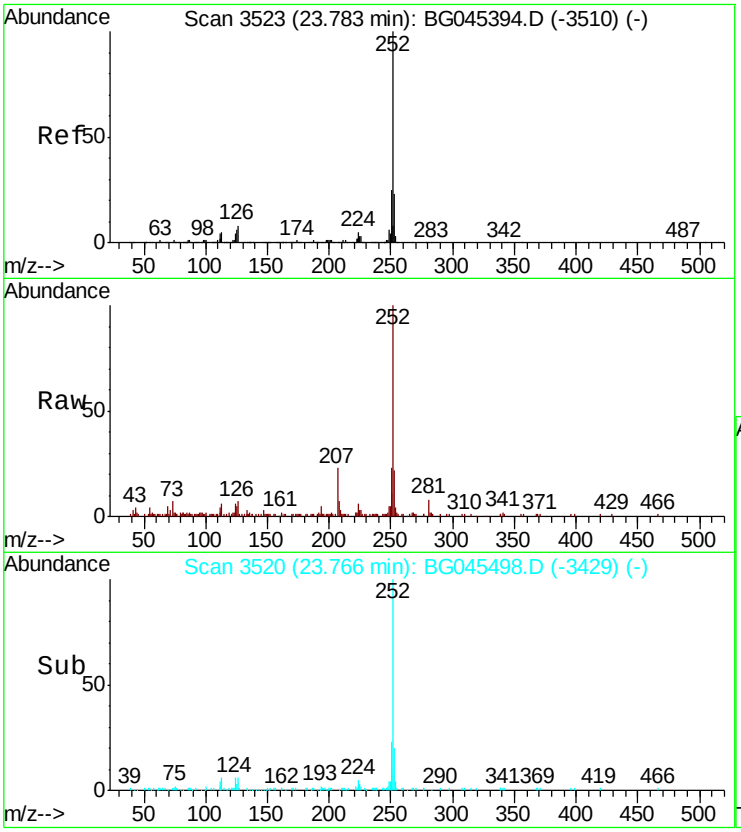


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3688
Delta R.T. -0.01 min
Lab File: BG045498.D
Acq: 28 May 2020 15:32

Tgt Ion:264 Resp: 503513

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.2	27.4
265	21.6	17.6	26.4



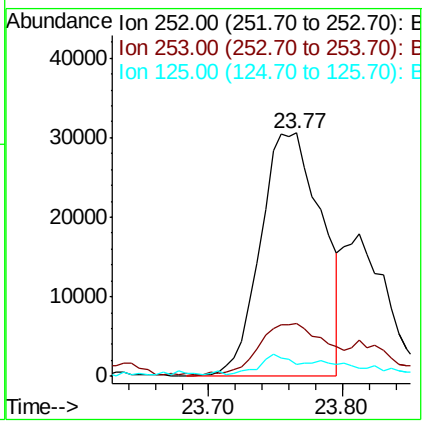


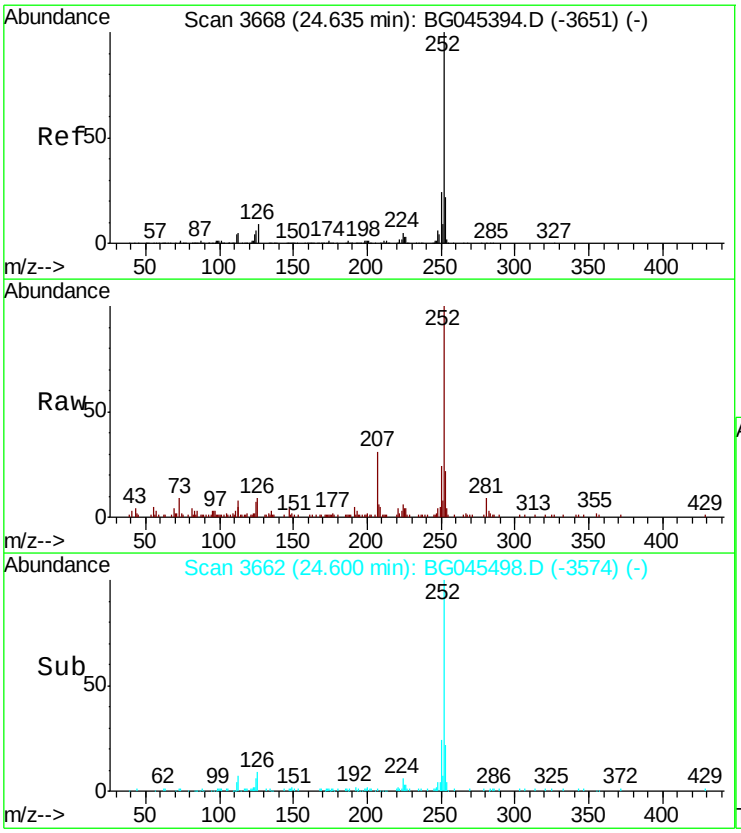
#88
Benzo(b)fluoranthene
Concen: 3.607 ng
RT: 23.77 min Scan# 3520
Delta R.T. 0.01 min
Lab File: BG045498.D
Acq: 28 May 2020 15:32

Instrument :
BNA_G
ClientSampleId :
RAMP-B-INFIELD-2

Tgt Ion:252 Resp: 97393

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	4.9	5.0	7.6#

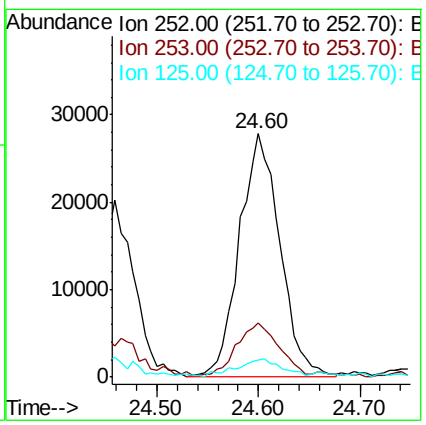


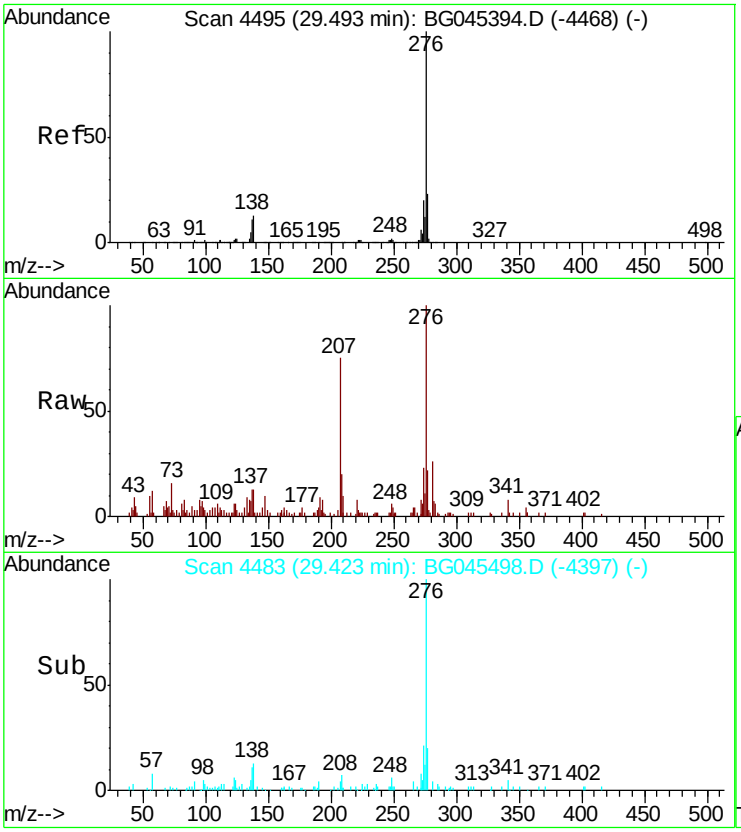


#90
Benzo(a)pyrene
Concen: 3.071 ng
RT: 24.60 min Scan# 3662
Delta R.T. -0.01 min
Lab File: BG045498.D
Acq: 28 May 2020 15:32

Tgt Ion:252 Resp: 77229

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	7.0	5.0	7.6





#92
Benzo(g,h,i)perylene
Concen: 2.096 ng
RT: 29.42 min Scan# 4483
Delta R.T. -0.02 min
Lab File: BG045498.D
Acq: 28 May 2020 15:32

Instrument :
BNA_G
ClientSampleId :
RAMP-B-INFIELD-2

Tgt Ion:276 Resp: 52969

Ion	Ratio	Lower	Upper
276	100		
277	21.9	18.1	27.1
138	13.5	10.2	15.4