Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061716\
Data File : BG022435.D
Acq On : 18 Jun 2016 22:38
Operator : UM/SJ
Sample : H3471-19
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1120-(0-4)

Quant Time: Jun 20 01:26:19 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	39612	20.00	ng		-0.05
21) Naphthalene-d8	10.86	136	195587	20.00	ng		-0.04
38) Acenaphthene-d10	14.68	164	105397	20.00	ng		-0.04
63) Phenanthrene-d10	17.42	188	189571	20.00	ng		-0.04
75) Chrysene-d12	21.69	240	160744	20.00	ng		-0.05
86) Perylene-d12	24.93	264	143144	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	258352	126.10	ng		-0.03
7) Phenol-d6	7.24	99	380855	118.23	ng		-0.02
23) Nitrobenzene-d5	9.22	82	206733	73.69	ng		-0.04
41) 2,4,6-Tribromophenol	16.17	330	97188	81.61	ng		-0.04
44) 2-Fluorobiphenyl	13.30	172	505451	73.08	ng		-0.04
78) Terphenyl-d14	20.02	244	434793	64.22	ng		-0.04
Target Compounds							Qvalue
48) Acenaphthylene	14.41	152	31239	2.93	ng		95
49) Dimethylphthalate	14.13	163	108256	12.39	ng		100
70) Phenanthrene	17.47	178	117725	11.43	ng		98
71) Anthracene	17.56	178	28667	2.81	ng		98
74) Fluoranthene	19.47	202	366625	30.97	ng		96
77) Pyrene	19.84	202	345956	34.62	ng		99
80) Benzo(a)anthracene	21.67	228	191494	21.24	ng		98
82) Chrysene	21.74	228	179797	20.50	ng		98
83) Bis(2-ethylhexyl)phthalate	21.55	149	15801	2.32	ng		96
85) Indeno(1,2,3-cd)pyrene	28.66	276	106776	10.85	ng	#	87
87) Benzo(b)fluoranthene	23.90	252	368197	44.10	ng	#	92
88) Benzo(k)fluoranthene	23.90	252	368197	44.80	ng	#	93
89) Benzo(a)pyrene	24.78	252	170881	21.41	ng	#	94
90) Dibenzo(a,h)anthracene	28.69	278	23545	3.13	ng	#	77
91) Benzo(g,h,i)perylene	29.81	276	87530	11.19	ng	#	93

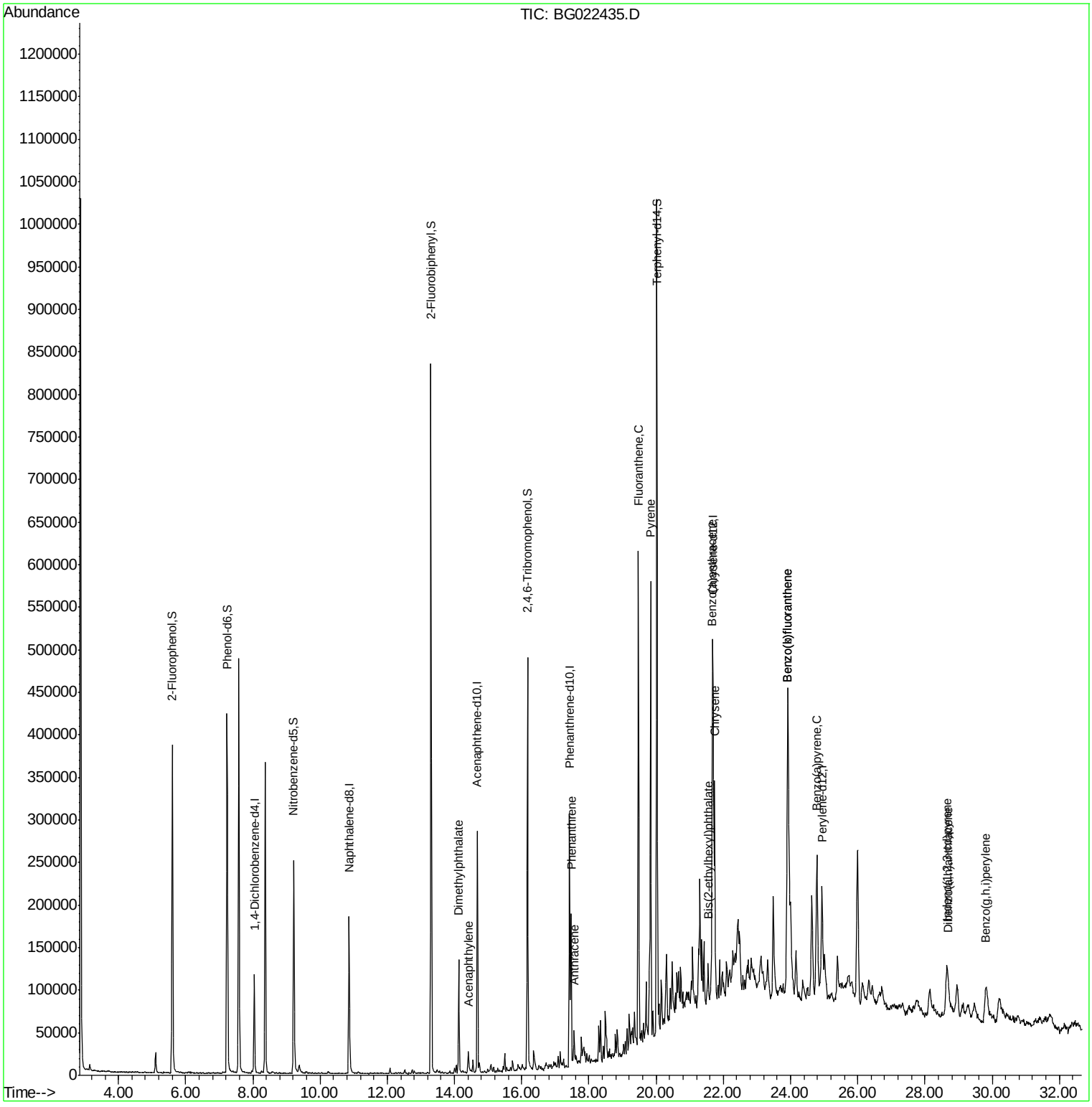
(#) = qualifier out of range (m) = manual integration (+) = signals summed

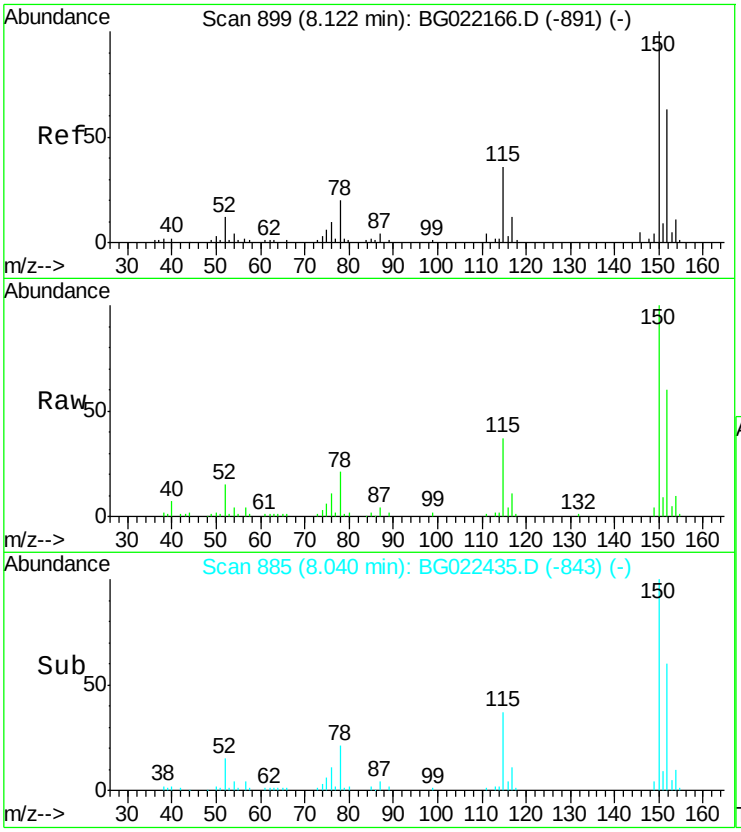
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061716\
Data File : BG022435.D
Acq On : 18 Jun 2016 22:38
Operator : UM/SJ
Sample : H3471-19
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
STA-1120-(0-4)

Quant Time: Jun 20 01:26:19 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration



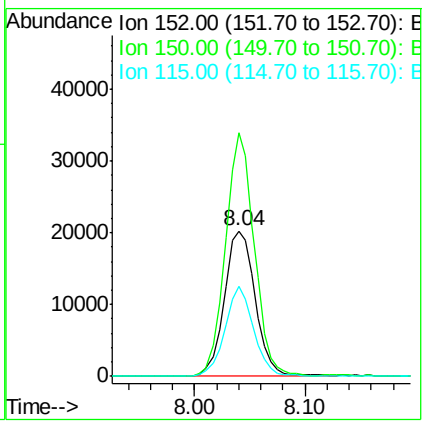


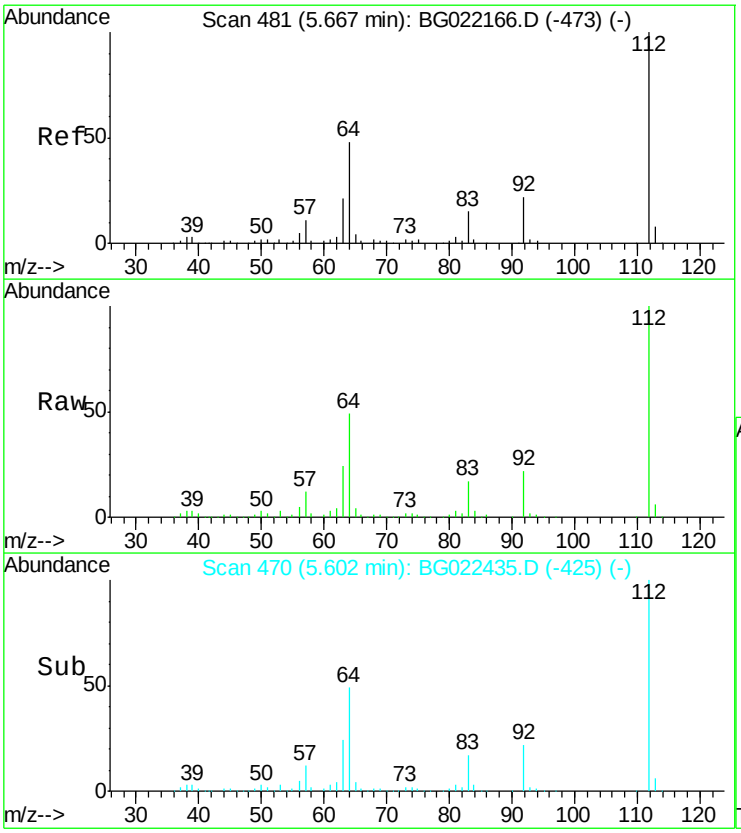
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 885
Delta R.T. -0.05 min
Lab File: BG022435.D
Acq: 18 Jun 2016 22:38

Instrument :
BNA_G
ClientSampleId :
STA-1120-(0-4)

Tgt Ion:152 Resp: 39612

Ion	Ratio	Lower	Upper
152	100		
150	167.4	130.1	195.1
115	62.0	62.2	93.2#

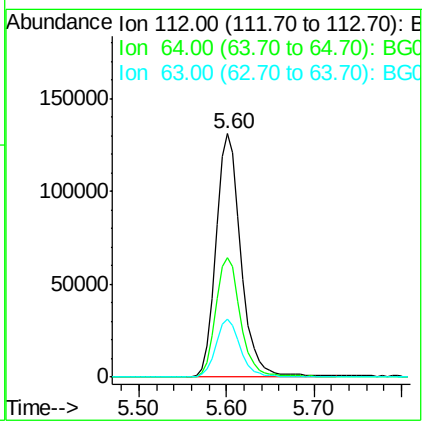


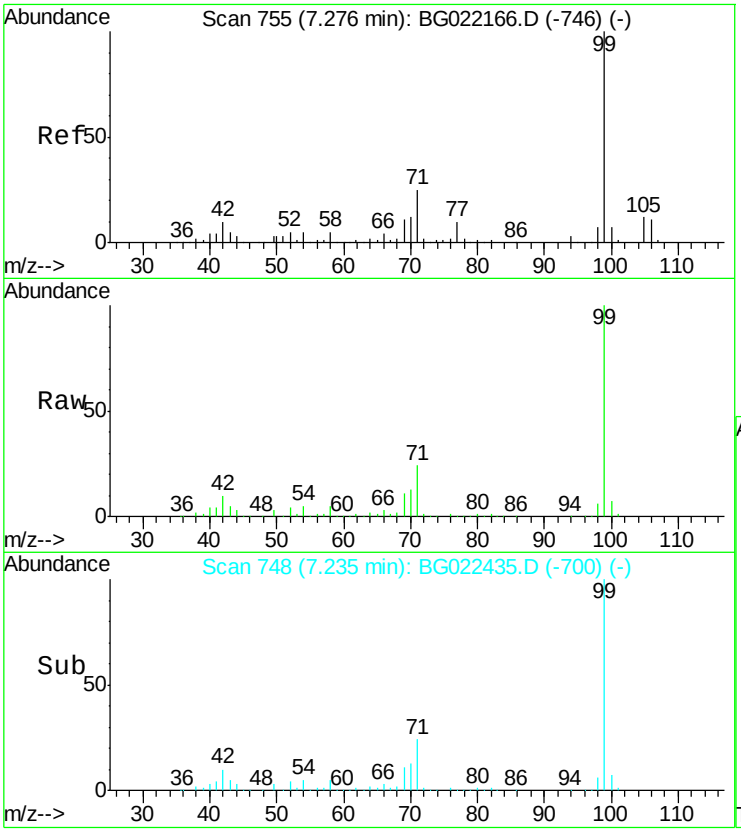


#5
2-Fluorophenol
Concen: 126.10 ng
RT: 5.60 min Scan# 470
Delta R.T. -0.03 min
Lab File: BG022435.D
Acq: 18 Jun 2016 22:38

Tgt Ion:112 Resp: 258352

Ion	Ratio	Lower	Upper
112	100		
64	49.1	51.1	76.7#
63	24.0	24.6	37.0#



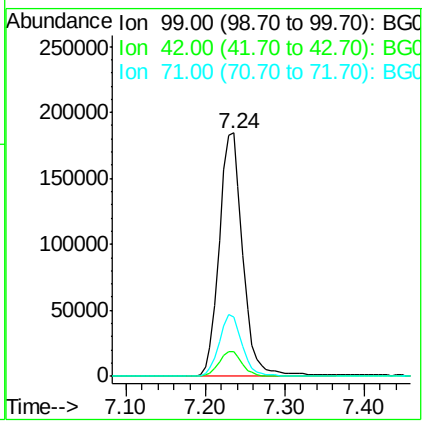


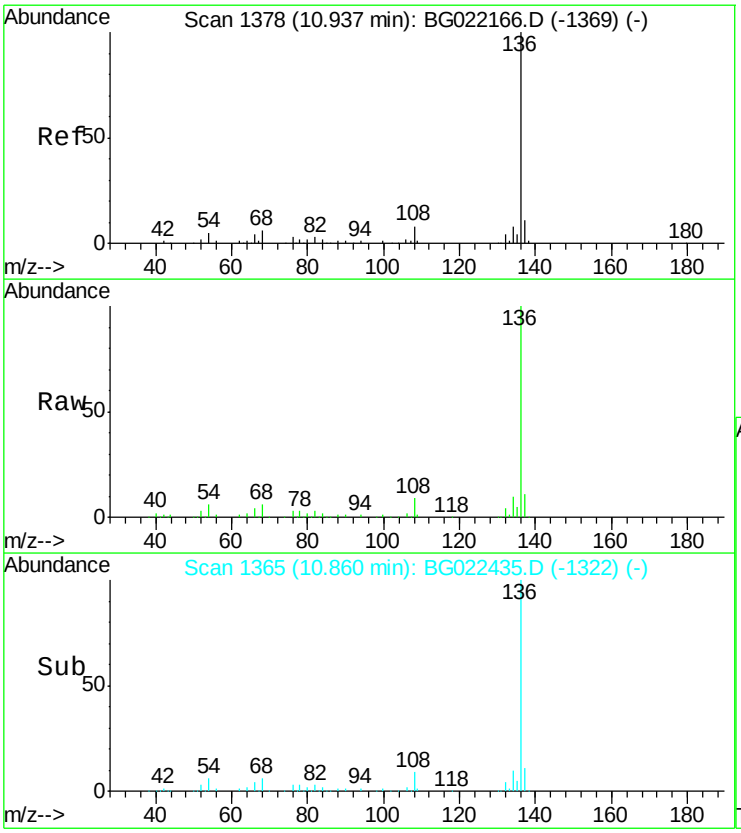
#7
Phenol-d6
Concen: 118.23 ng
RT: 7.24 min Scan# 748
Delta R.T. -0.02 min
Lab File: BG022435.D
Acq: 18 Jun 2016 22:38

Instrument :
BNA_G
ClientSampleId :
STA-1120-(0-4)

Tgt Ion: 99 Resp: 380855

Ion	Ratio	Lower	Upper
99	100		
42	10.1	16.4	24.6#
71	24.3	25.0	37.4#

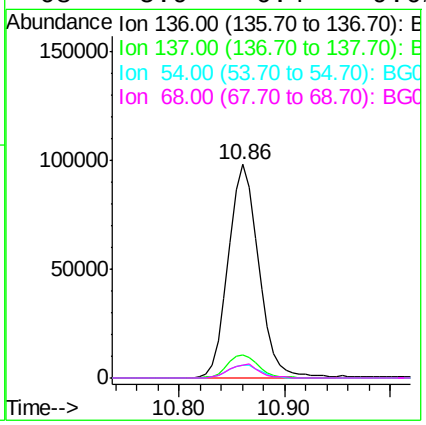


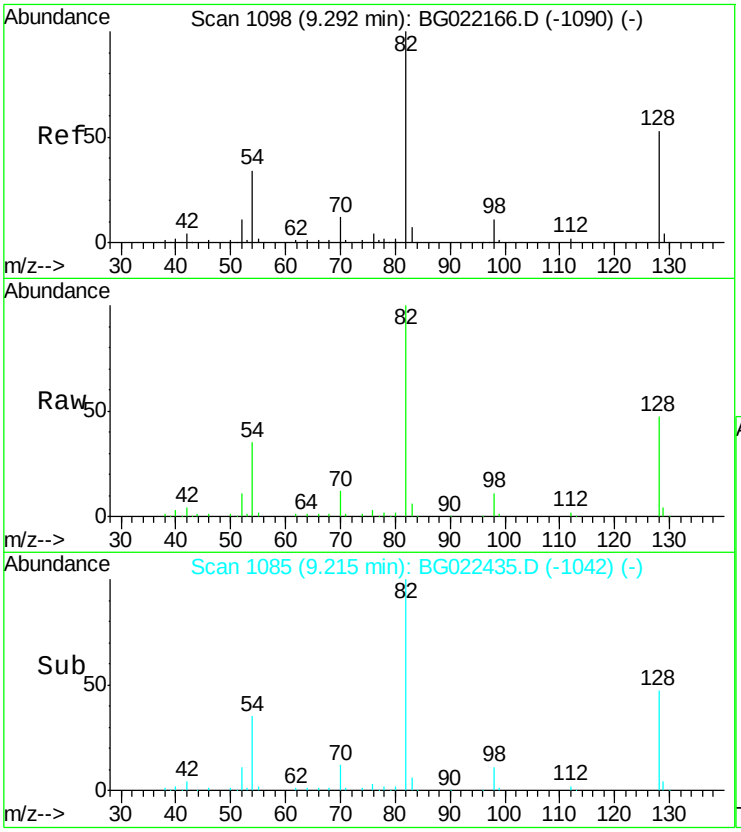


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.86 min Scan# 1365
Delta R.T. -0.04 min
Lab File: BG022435.D
Acq: 18 Jun 2016 22:38

Tgt Ion:136 Resp: 195587

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	5.9	9.6	14.4#
68	5.9	6.4	9.6#



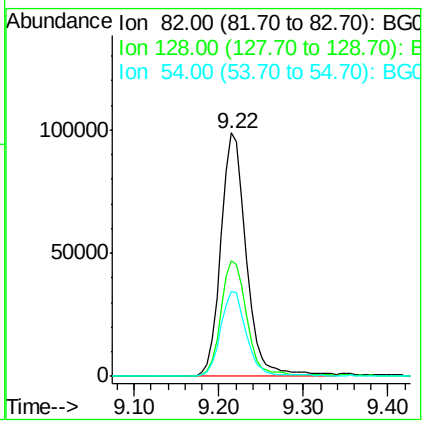


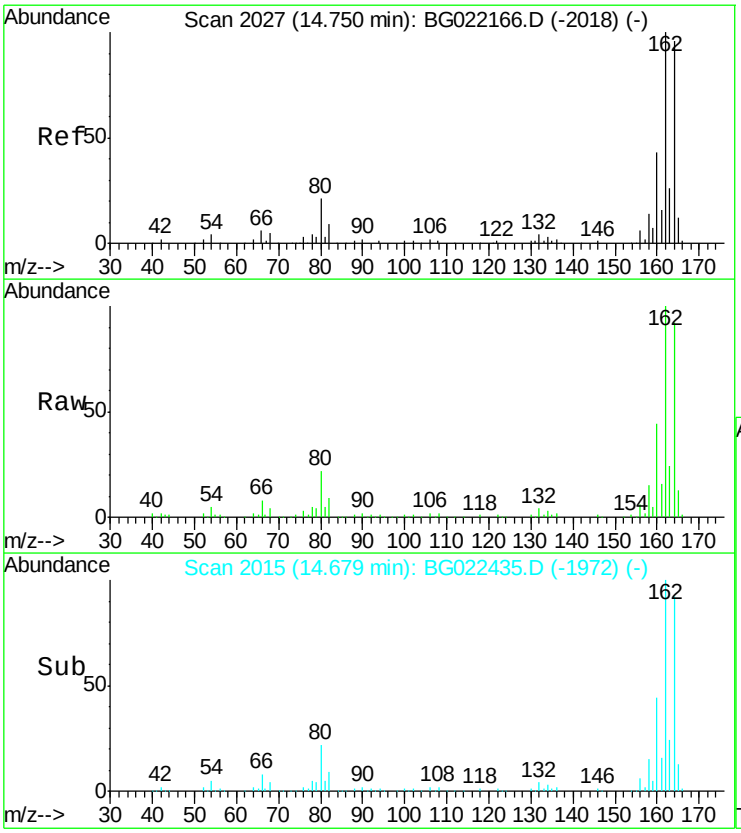
#23
Nitrobenzene-d5
Concen: 73.69 ng
RT: 9.22 min Scan# 1085
Delta R.T. -0.04 min
Lab File: BG022435.D
Acq: 18 Jun 2016 22:38

Instrument :
BNA_G
ClientSampleId :
STA-1120-(0-4)

Tgt Ion: 82 Resp: 206733

Ion	Ratio	Lower	Upper
82	100		
128	47.3	33.4	50.0
54	34.9	46.1	69.1#

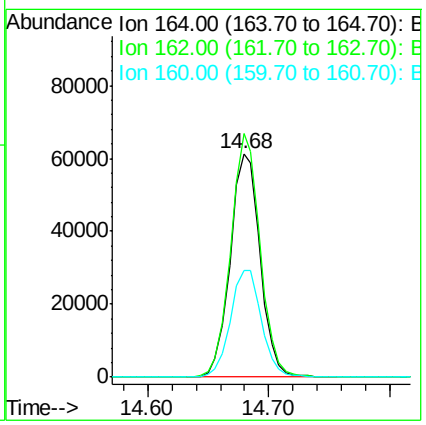


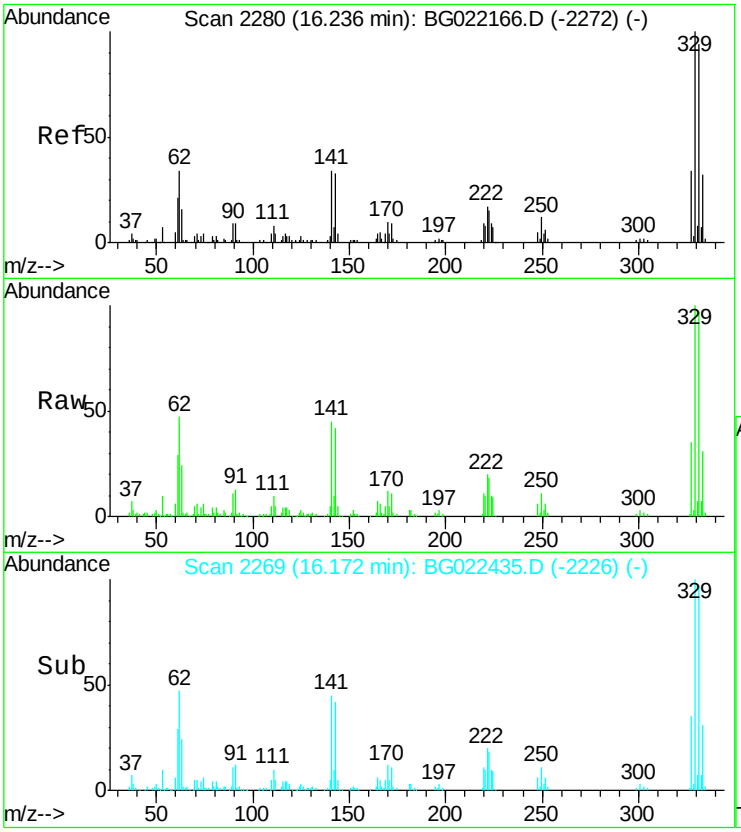


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 2015
Delta R.T. -0.04 min
Lab File: BG022435.D
Acq: 18 Jun 2016 22:38

Tgt Ion:164 Resp: 105397

Ion	Ratio	Lower	Upper
164	100		
162	109.0	78.0	117.0
160	47.6	32.9	49.3



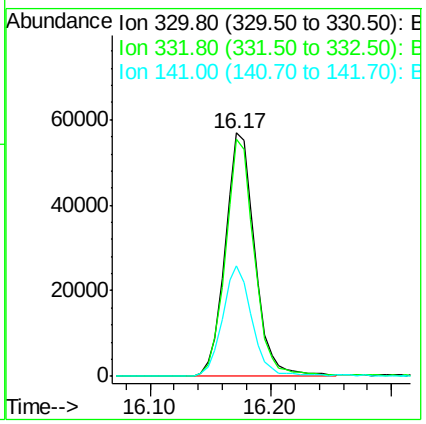


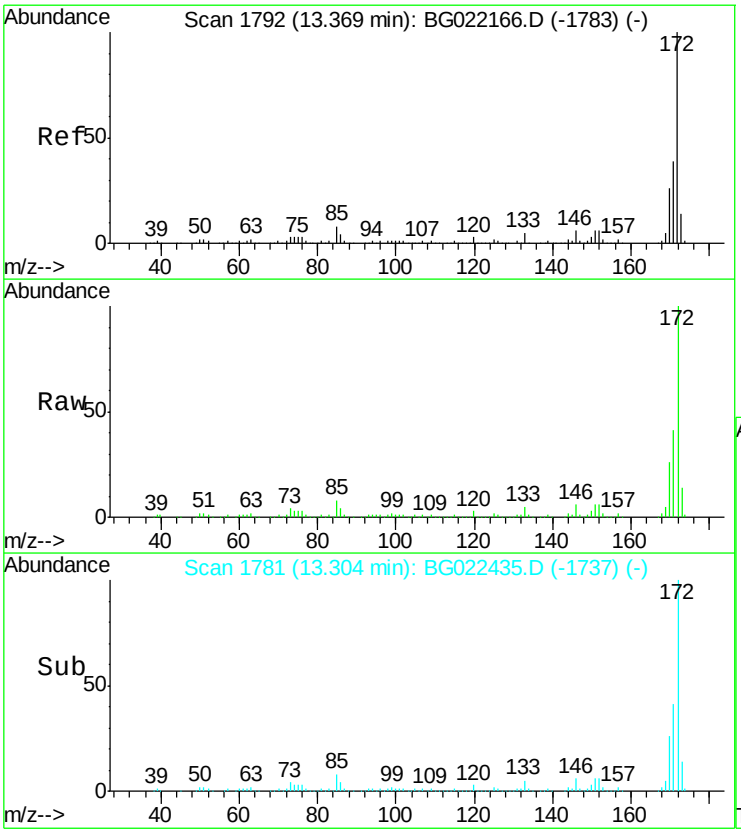
#41
2,4,6-Tribromophenol
Concen: 81.61 ng
RT: 16.17 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BG022435.D
Acq: 18 Jun 2016 22:38

Instrument :
BNA_G
ClientSampleId :
STA-1120-(0-4)

Tgt Ion:330 Resp: 97188

Ion	Ratio	Lower	Upper
330	100		
332	95.1	78.0	117.0
141	44.9	33.8	50.8

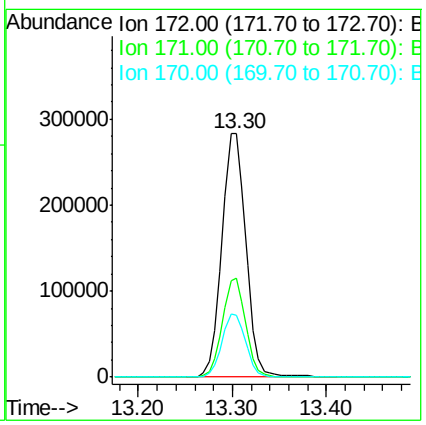


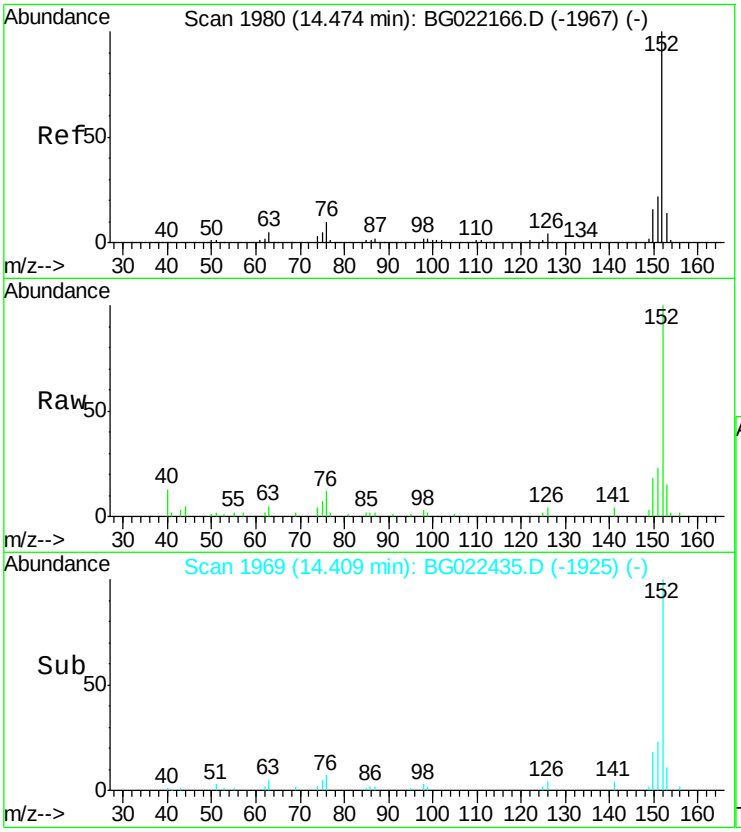


#44
2-Fluorobiphenyl
Concen: 73.08 ng
RT: 13.30 min Scan# 1781
Delta R.T. -0.04 min
Lab File: BG022435.D
Acq: 18 Jun 2016 22:38

Tgt Ion:172 Resp: 505451

Ion	Ratio	Lower	Upper
172	100		
171	40.6	27.8	41.6
170	25.5	19.6	29.4



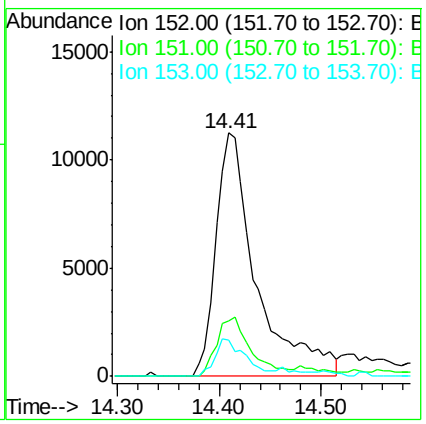


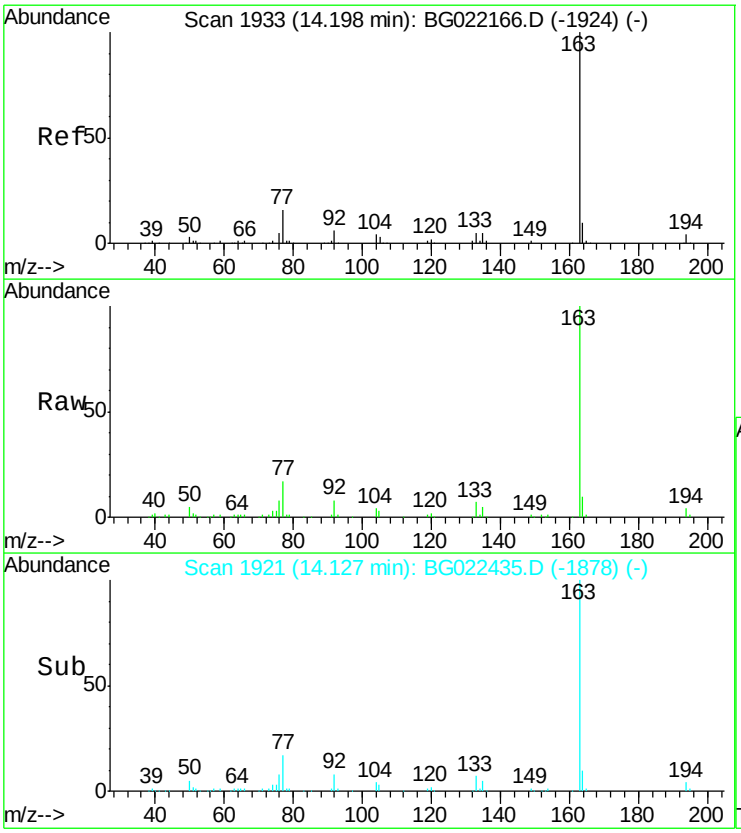
#48
Acenaphthylene
Concen: 2.93 ng
RT: 14.41 min Scan# 1969
Delta R.T. -0.04 min
Lab File: BG022435.D
Acq: 18 Jun 2016 22:38

Instrument :
BNA_G
ClientSampleId :
STA-1120-(0-4)

Tgt Ion:152 Resp: 31239

Ion	Ratio	Lower	Upper
152	100		
151	22.8	16.6	24.8
153	14.7	10.2	15.2

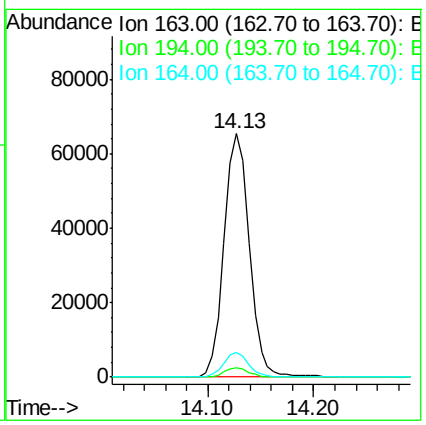


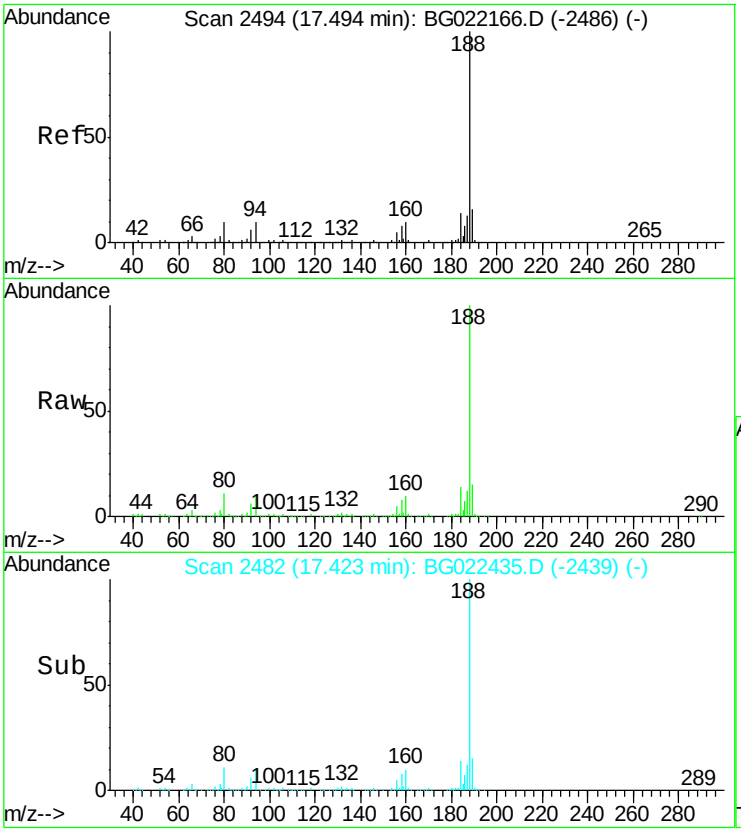


#49
Dimethylphthalate
Concen: 12.39 ng
RT: 14.13 min Scan# 1921
Delta R.T. -0.04 min
Lab File: BG022435.D
Acq: 18 Jun 2016 22:38

Tgt Ion:163 Resp: 108256

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	10.1	8.1	12.1



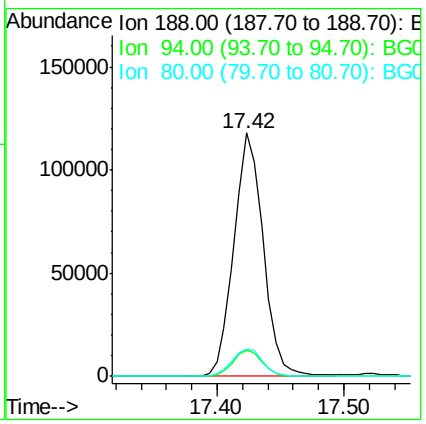


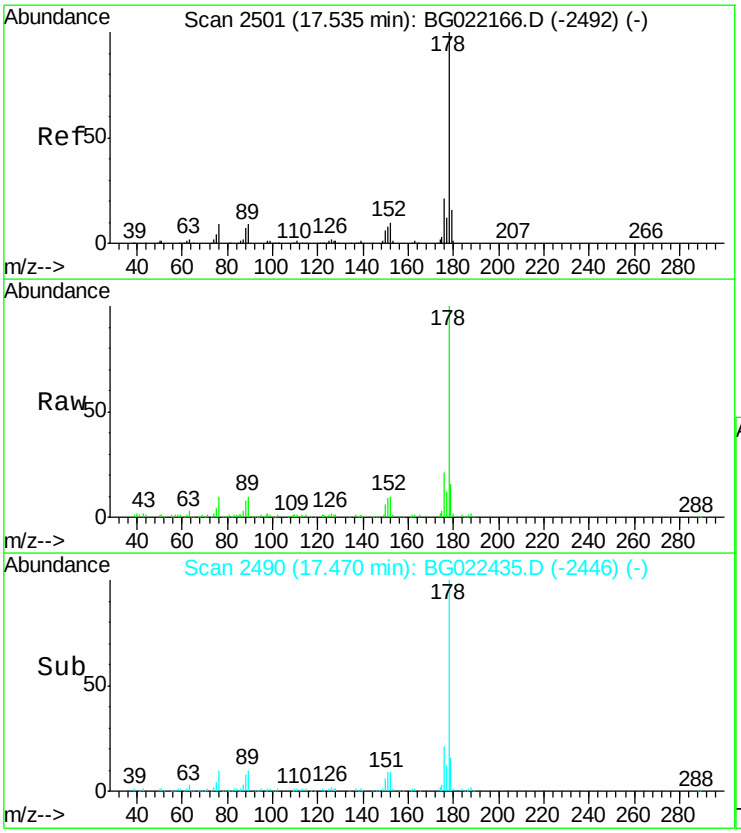
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.42 min Scan# 2482
Delta R.T. -0.04 min
Lab File: BG022435.D
Acq: 18 Jun 2016 22:38

Instrument :
BNA_G
ClientSampleId :
STA-1120-(0-4)

Tgt Ion:188 Resp: 189571

Ion	Ratio	Lower	Upper
188	100		
94	10.5	7.5	11.3
80	11.3	8.6	13.0

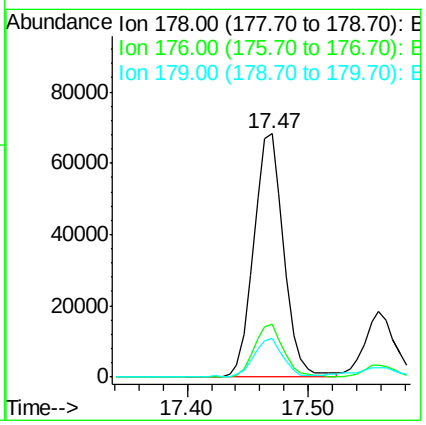


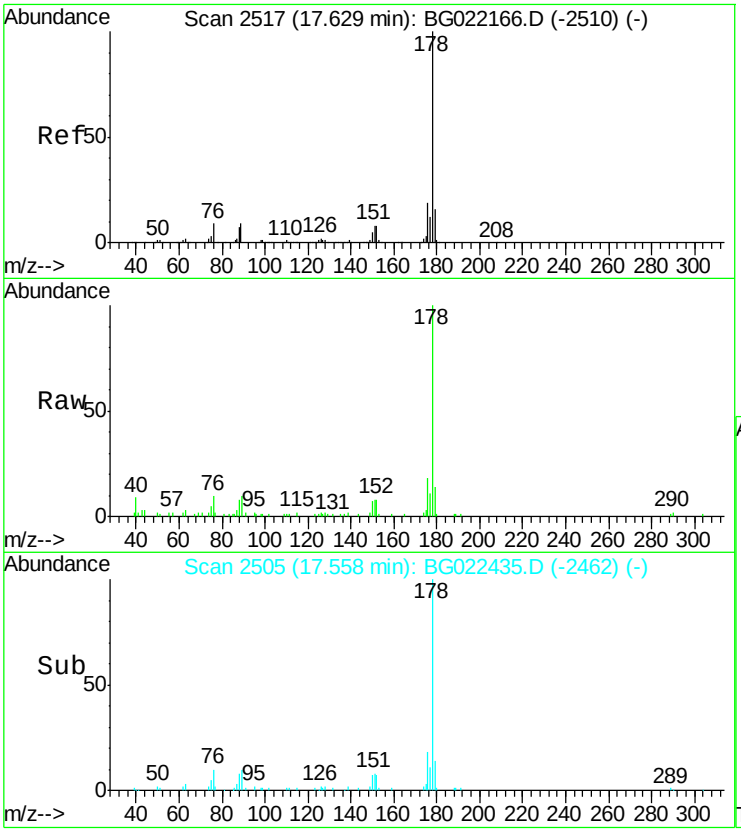


#70
Phenanthrene
Concen: 11.43 ng
RT: 17.47 min Scan# 2490
Delta R.T. -0.04 min
Lab File: BG022435.D
Acq: 18 Jun 2016 22:38

Tgt Ion:178 Resp: 117725

Ion	Ratio	Lower	Upper
178	100		
176	21.5	16.2	24.4
179	15.9	12.0	18.0



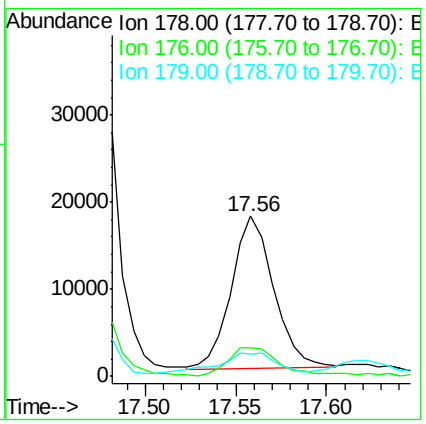


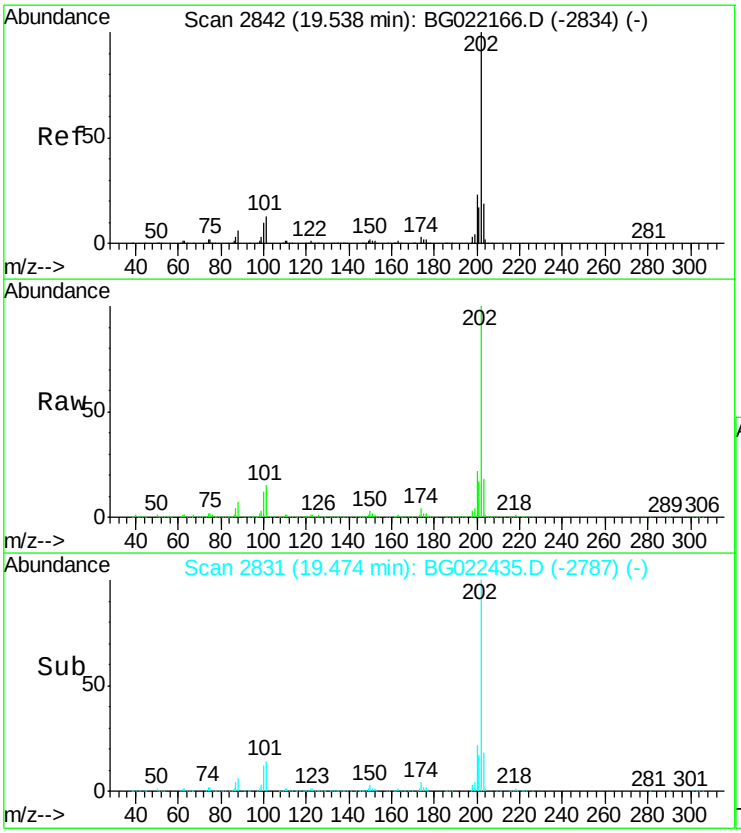
#71
Anthracene
Concen: 2.81 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.04 min
Lab File: BG022435.D
Acq: 18 Jun 2016 22:38

Instrument :
BNA_G
ClientSampleId :
STA-1120-(0-4)

Tgt Ion:178 Resp: 28667

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.0	22.4
179	14.0	12.2	18.4

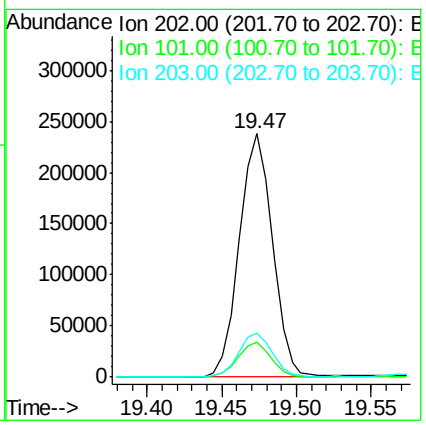


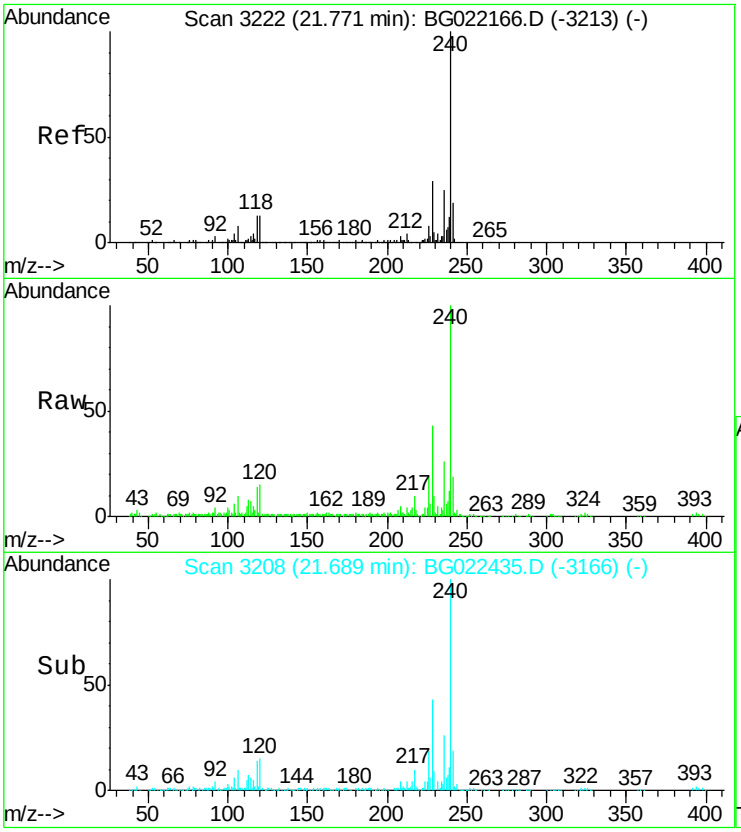


#74
Fluoranthene
Concen: 30.97 ng
RT: 19.47 min Scan# 2831
Delta R.T. -0.04 min
Lab File: BG022435.D
Acq: 18 Jun 2016 22:38

Tgt Ion:202 Resp: 366625

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	31.0
203	17.9	0.0	37.9



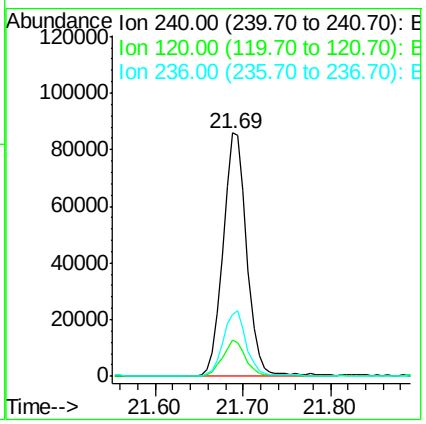


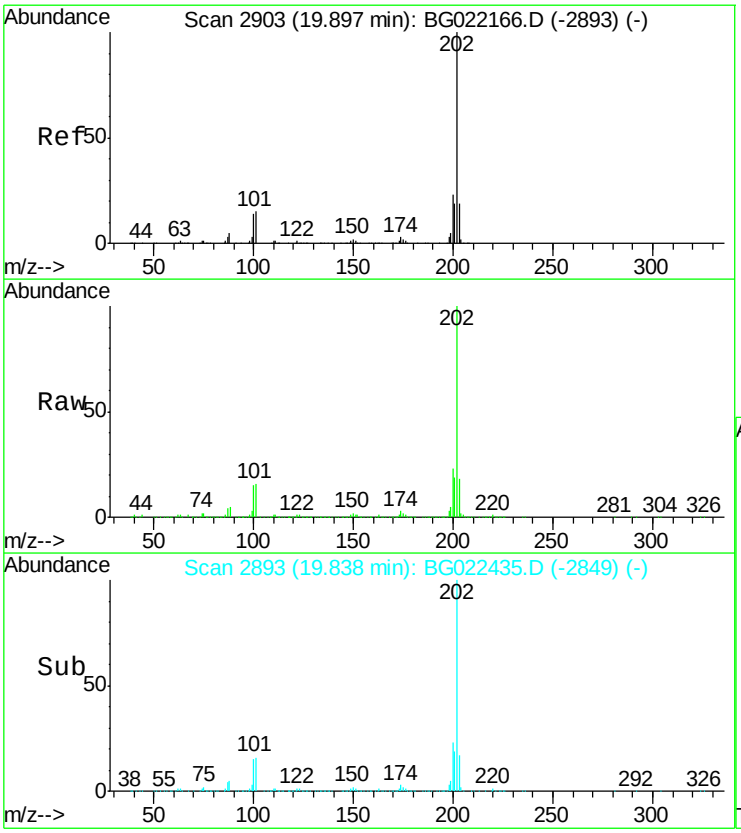
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.69 min Scan# 3208
Delta R.T. -0.05 min
Lab File: BG022435.D
Acq: 18 Jun 2016 22:38

Instrument :
BNA_G
ClientSampleId :
STA-1120-(0-4)

Tgt Ion:240 Resp: 160744

Ion	Ratio	Lower	Upper
240	100		
120	15.0	8.4	12.6#
236	25.6	19.6	29.4

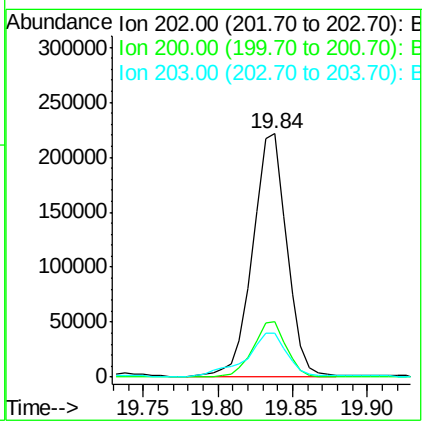


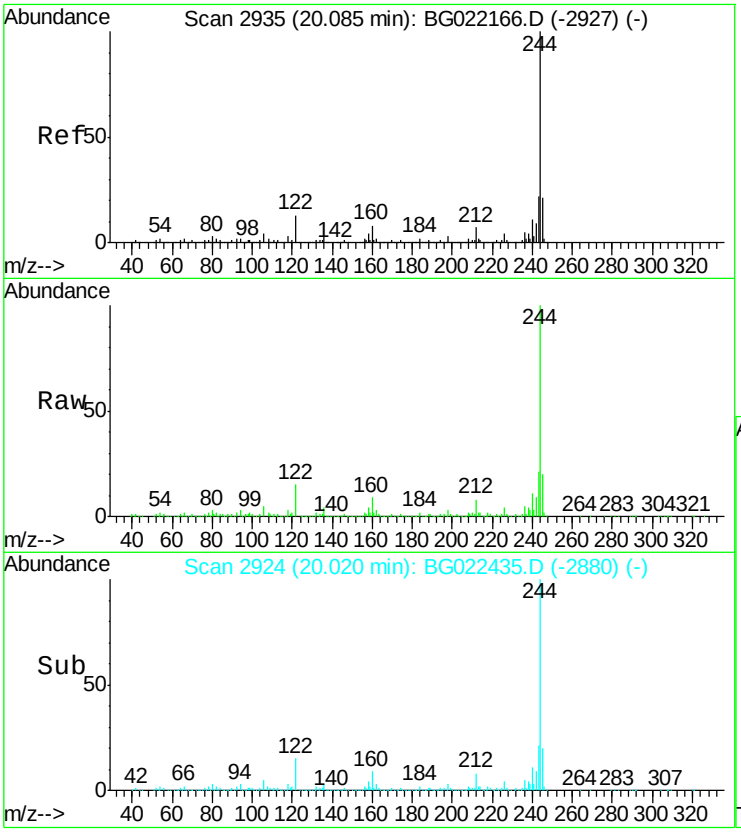


#77
Pyrene
Concen: 34.62 ng
RT: 19.84 min Scan# 2893
Delta R.T. -0.04 min
Lab File: BG022435.D
Acq: 18 Jun 2016 22:38

Tgt Ion:202 Resp: 345956

Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.2	27.2
203	18.2	15.0	22.4



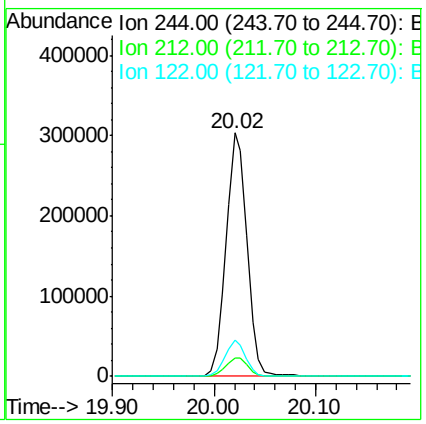


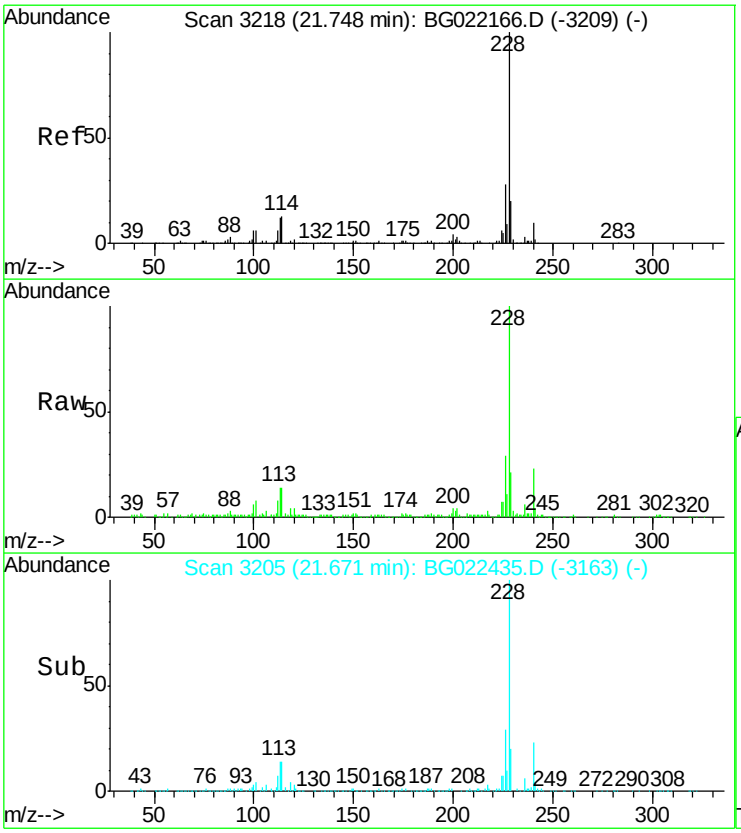
#78
Terphenyl-d14
Concen: 64.22 ng
RT: 20.02 min Scan# 2924
Delta R.T. -0.04 min
Lab File: BG022435.D
Acq: 18 Jun 2016 22:38

Instrument :
BNA_G
ClientSampleId :
STA-1120-(0-4)

Tgt Ion:244 Resp: 434793

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	15.1	8.6	12.8#

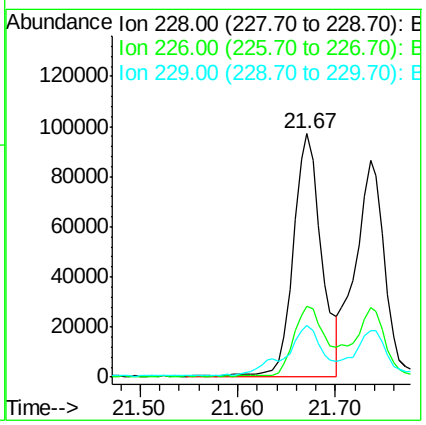


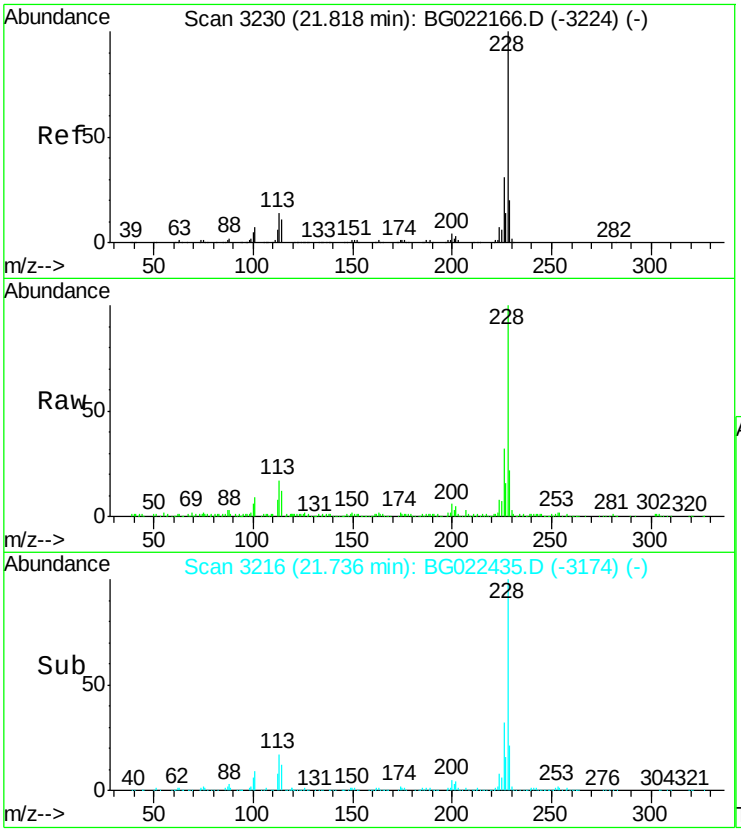


#80
Benzo(a)anthracene
Concen: 21.24 ng
RT: 21.67 min Scan# 3205
Delta R.T. -0.05 min
Lab File: BG022435.D
Acq: 18 Jun 2016 22:38

Tgt Ion:228 Resp: 191494

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	34.0
229	20.9	16.1	24.1



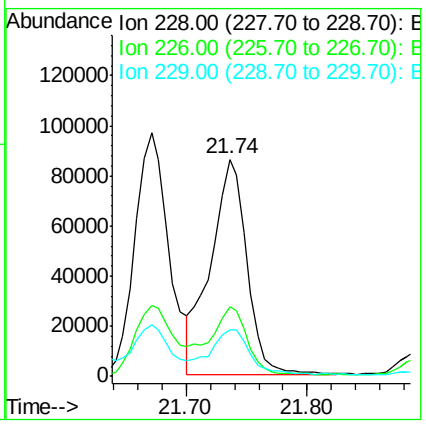


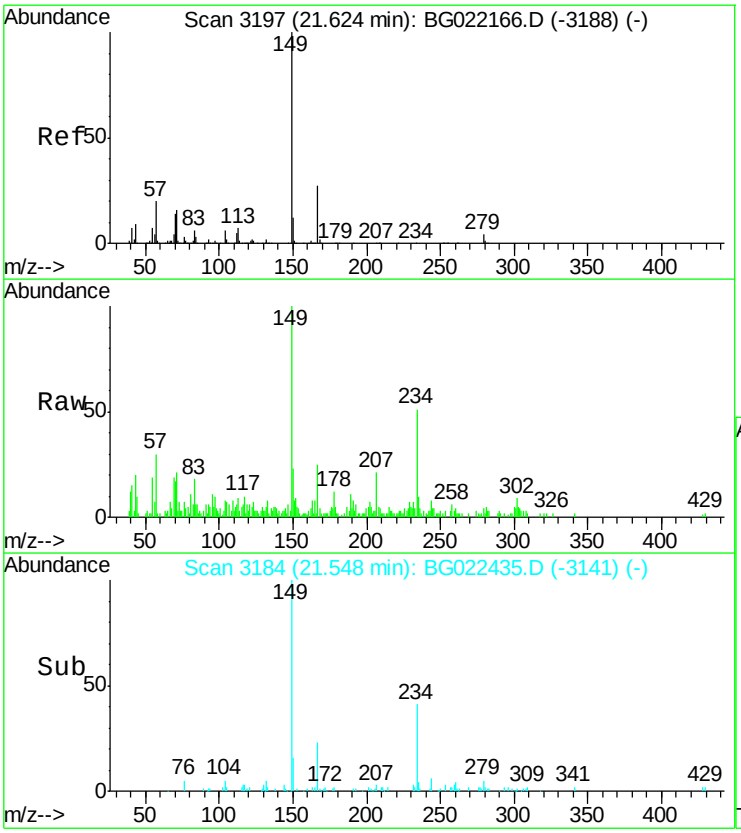
#82
Chrysene
Concen: 20.50 ng
RT: 21.74 min Scan# 3216
Delta R.T. -0.05 min
Lab File: BG022435.D
Acq: 18 Jun 2016 22:38

Instrument :
BNA_G
ClientSampleId :
STA-1120-(0-4)

Tgt Ion:228 Resp: 179797

Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.4	38.0
229	21.5	15.9	23.9

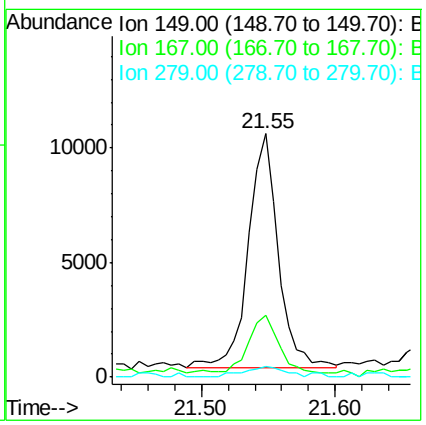


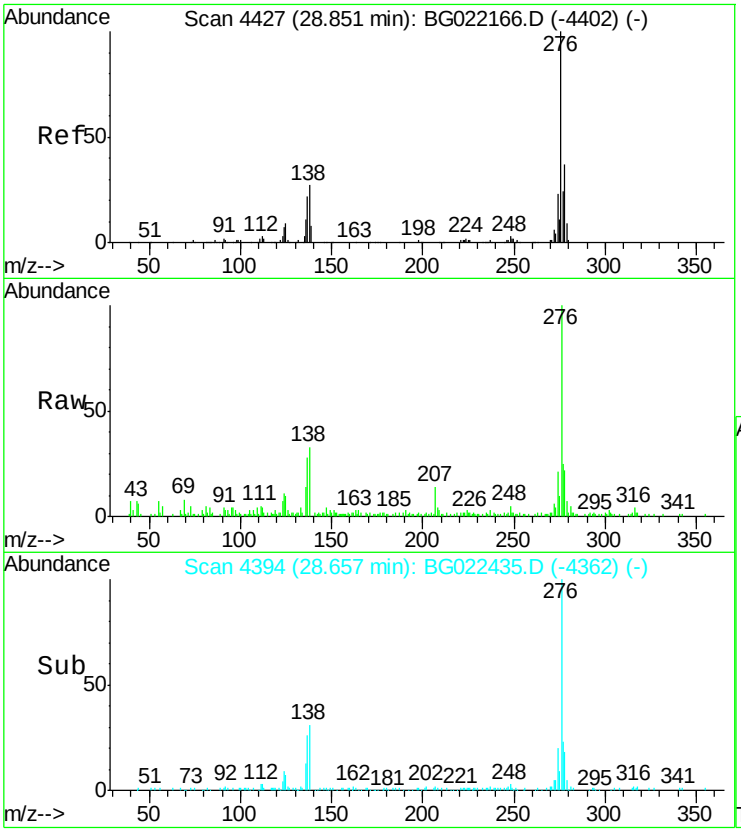


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.32 ng
RT: 21.55 min Scan# 3184
Delta R.T. -0.04 min
Lab File: BG022435.D
Acq: 18 Jun 2016 22:38

Tgt Ion:149 Resp: 15801

Ion	Ratio	Lower	Upper
149	100		
167	25.4	22.4	33.6
279	4.3	3.2	4.8



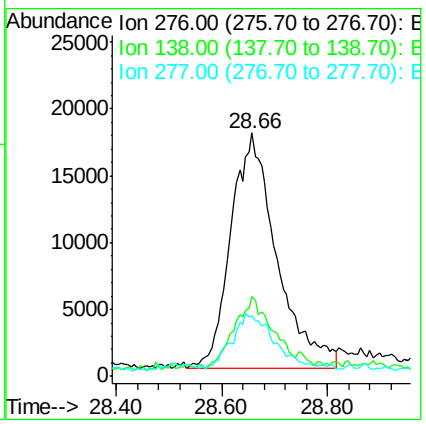


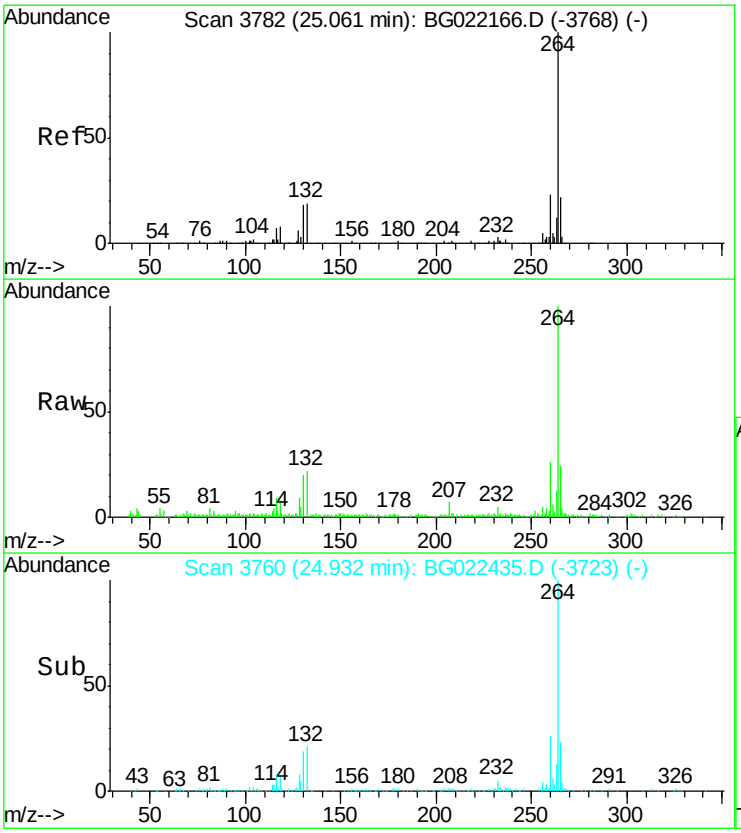
#85
Indeno(1,2,3-cd)pyrene
Concen: 10.85 ng
RT: 28.66 min Scan# 4394
Delta R.T. -0.11 min
Lab File: BG022435.D
Acq: 18 Jun 2016 22:38

Instrument :
BNA_G
ClientSampleId :
STA-1120-(0-4)

Tgt Ion:276 Resp: 106776

Ion	Ratio	Lower	Upper
276	100		
138	26.1	14.0	21.0#
277	21.5	20.6	30.8

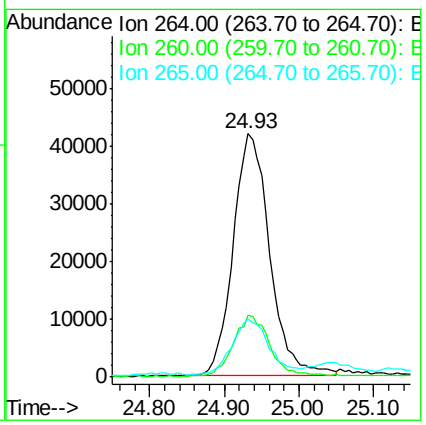


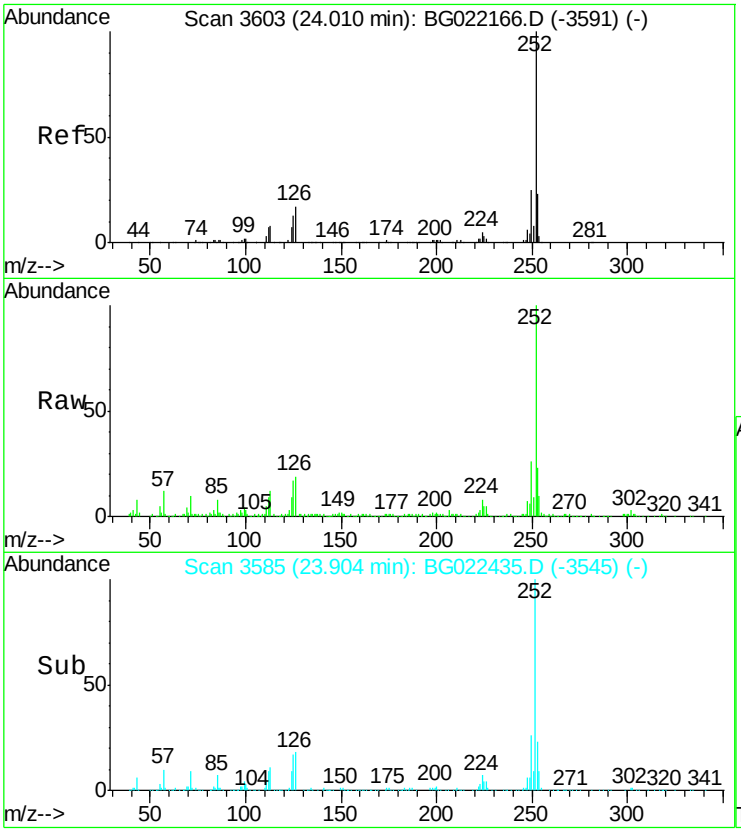


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.93 min Scan# 3760
Delta R.T. -0.08 min
Lab File: BG022435.D
Acq: 18 Jun 2016 22:38

Tgt Ion:264 Resp: 143144

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.2	30.4
265	23.7	17.8	26.8



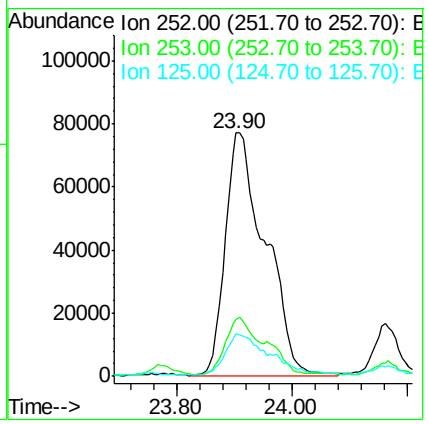


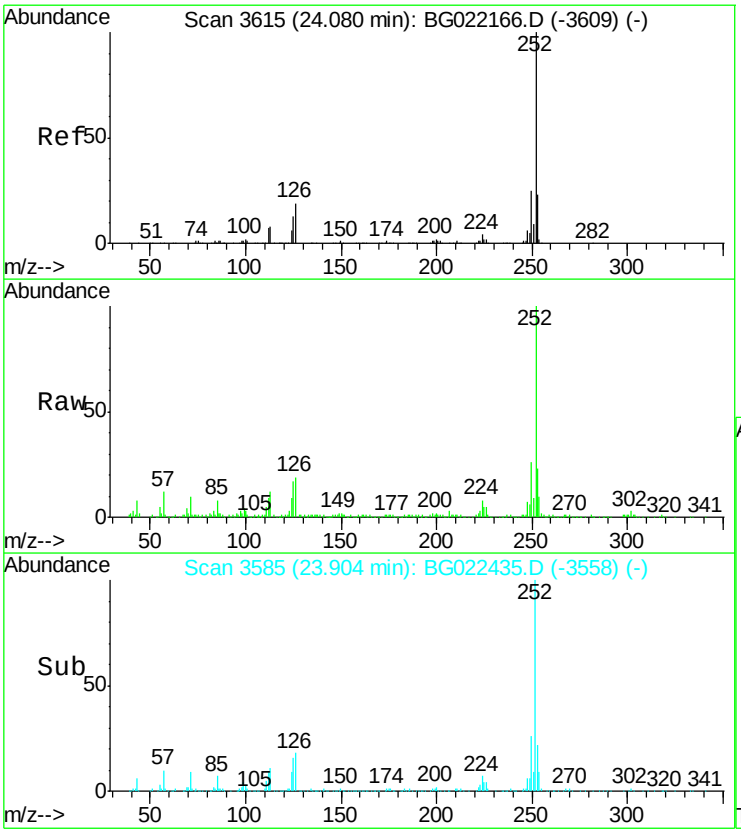
#87
Benzo(b)fluoranthene
Concen: 44.10 ng
RT: 23.90 min Scan# 3585
Delta R.T. -0.06 min
Lab File: BG022435.D
Acq: 18 Jun 2016 22:38

Instrument :
BNA_G
ClientSampleId :
STA-1120-(0-4)

Tgt Ion:252 Resp: 368197

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	17.4	8.6	13.0#

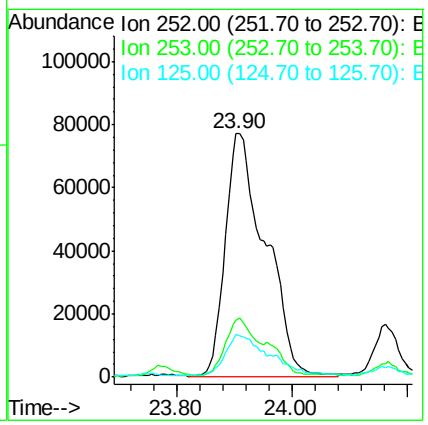


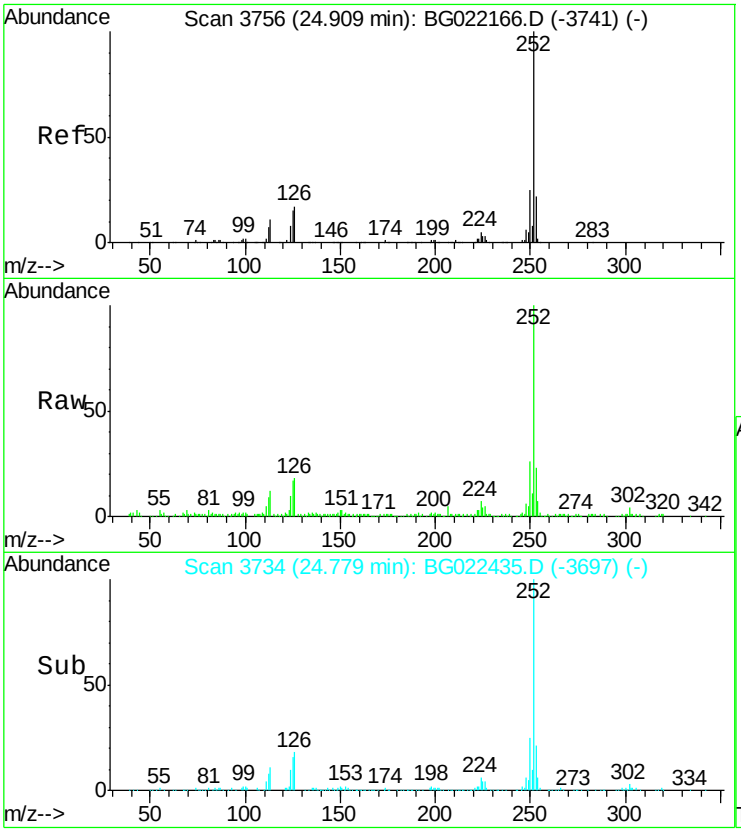


#88
Benzo(k)fluoranthene
Concen: 44.80 ng
RT: 23.90 min Scan# 3585
Delta R.T. -0.14 min
Lab File: BG022435.D
Acq: 18 Jun 2016 22:38

Tgt Ion:252 Resp: 368197

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	17.4	8.3	12.5#



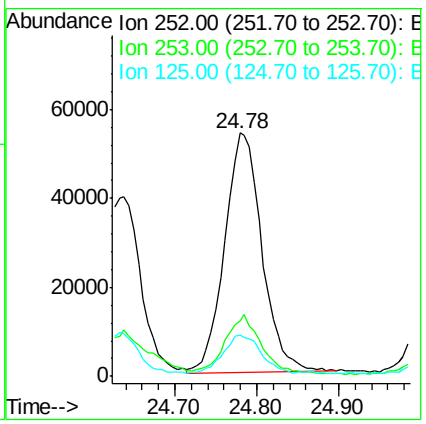


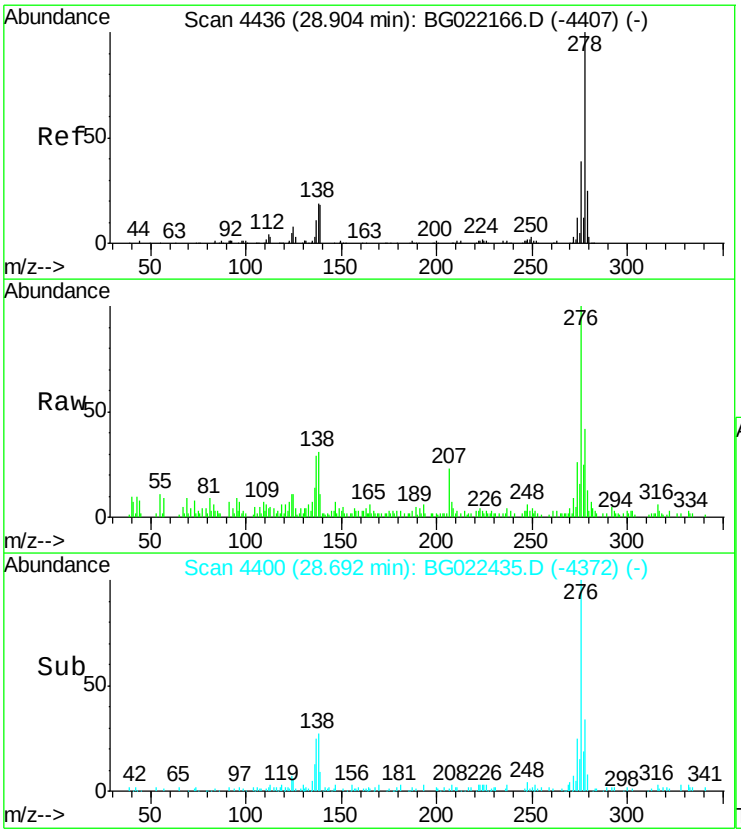
#89
Benzo(a)pyrene
Concen: 21.41 ng
RT: 24.78 min Scan# 3734
Delta R.T. -0.08 min
Lab File: BG022435.D
Acq: 18 Jun 2016 22:38

Instrument :
BNA_G
ClientSampleId :
STA-1120-(0-4)

Tgt Ion:252 Resp: 170881

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	16.9	9.6	14.4#

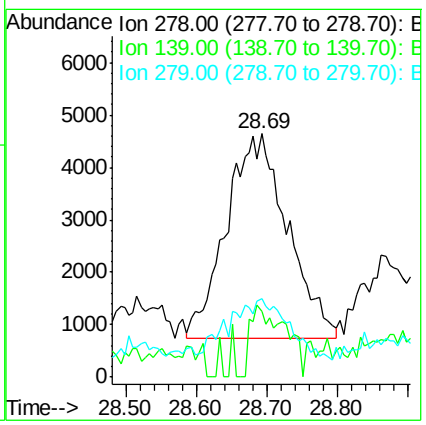


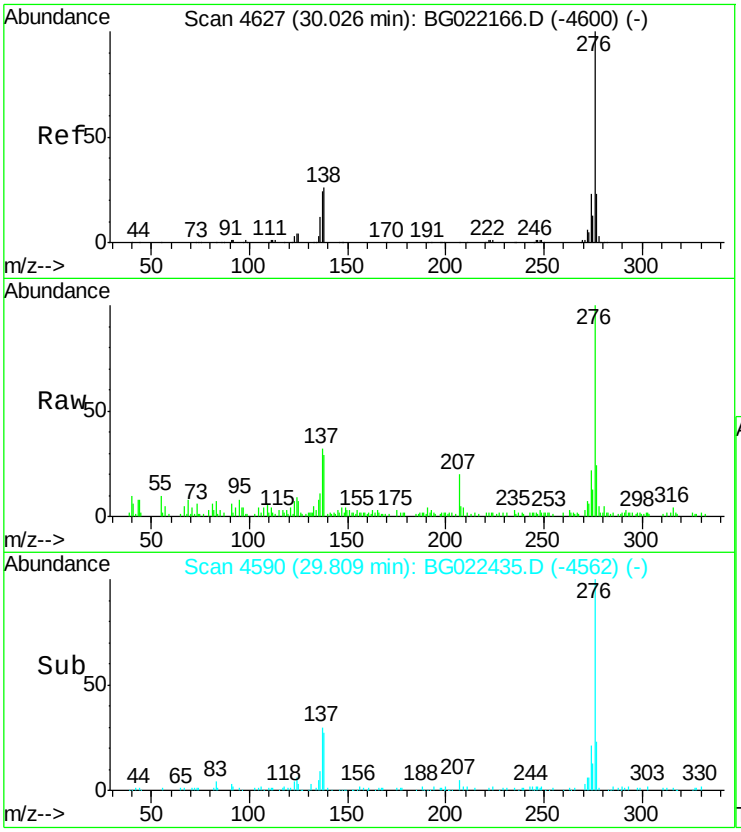


#90
Dibenzo(a,h)anthracene
Concen: 3.13 ng
RT: 28.69 min Scan# 4400
Delta R.T. -0.13 min
Lab File: BG022435.D
Acq: 18 Jun 2016 22:38

Tgt Ion:278 Resp: 23545

Ion	Ratio	Lower	Upper
278	100		
139	26.8	11.9	17.9#
279	32.2	18.2	27.2#





#91
Benzo(g,h,i)perylene
Concen: 11.19 ng
RT: 29.81 min Scan# 4590
Delta R.T. -0.13 min
Lab File: BG022435.D
Acq: 18 Jun 2016 22:38

Instrument :
BNA_G
ClientSampleId :
STA-1120-(0-4)

Tgt Ion:276 Resp: 87530

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.4	29.2
138	28.6	17.4	26.0#