Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG060916\RAW\
Data File : BG022260.D
Acq On : 9 Jun 2016 9:15
Operator : UM/SJ
Sample : H3402-06 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-41

Quant Time: Jun 09 13:45:49 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.114	152	40102	20.00	ng		0.00
21) Naphthalene-d8	10.934	136	207928	20.00	ng		0.00
38) Acenaphthene-d10	14.748	164	122272	20.00	ng		0.00
63) Phenanthrene-d10	17.491	188	235954	20.00	ng		0.00
75) Chrysene-d12	21.763	240	210510	20.00	ng		0.00
86) Perylene-d12	25.065	264	201552	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.664	112	167756	80.88	ng		0.00
7) Phenol-d6	7.274	99	254727	78.11	ng		0.00
23) Nitrobenzene-d5	9.289	82	133722	44.84	ng		0.00
41) 2,4,6-Tribromophenol	16.234	330	80182	58.04	ng		0.00
44) 2-Fluorobiphenyl	13.367	172	385346	48.03	ng		0.00
78) Terphenyl-d14	20.082	244	402178	45.36	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.987	128	35595	3.43	ng		96
49) Dimethylphthalate	14.189	163	46823	4.62	ng		97
51) Acenaphthene	14.806	154	20623	2.78	ng		95
55) 4-Nitrophenol	15.147	139	6847	4.06	ng	#	5
57) Fluorene	15.793	166	28143	2.82	ng		99
70) Phenanthrene	17.533	178	292788	22.85	ng		99
71) Anthracene	17.621	178	71590	5.63	ng		97
72) Carbazole	17.897	167	28129	2.34	ng		97
74) Fluoranthene	19.536	202	371767	25.23	ng		97
77) Pyrene	19.894	202	320840	24.52	ng		100
80) Benzo(a)anthracene	21.745	228	160672	13.61	ng		99
82) Chrysene	21.810	228	134285	11.69	ng		96
85) Indeno(1,2,3-cd)pyrene	28.843	276	68575	5.32	ng	#	85
87) Benzo(b)fluoranthene	24.019	252	229662	19.54	ng	#	95
88) Benzo(k)fluoranthene	24.019	252	229662	19.85	ng	#	95
89) Benzo(a)pyrene	24.906	252	122663	10.91	ng		97
91) Benzo(g,h,i)perylene	30.030	276	64640	5.87	ng	#	85

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG060916\RAW\
Data File : BG022260.D
Acq On : 9 Jun 2016 9:15
Operator : UM/SJ
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
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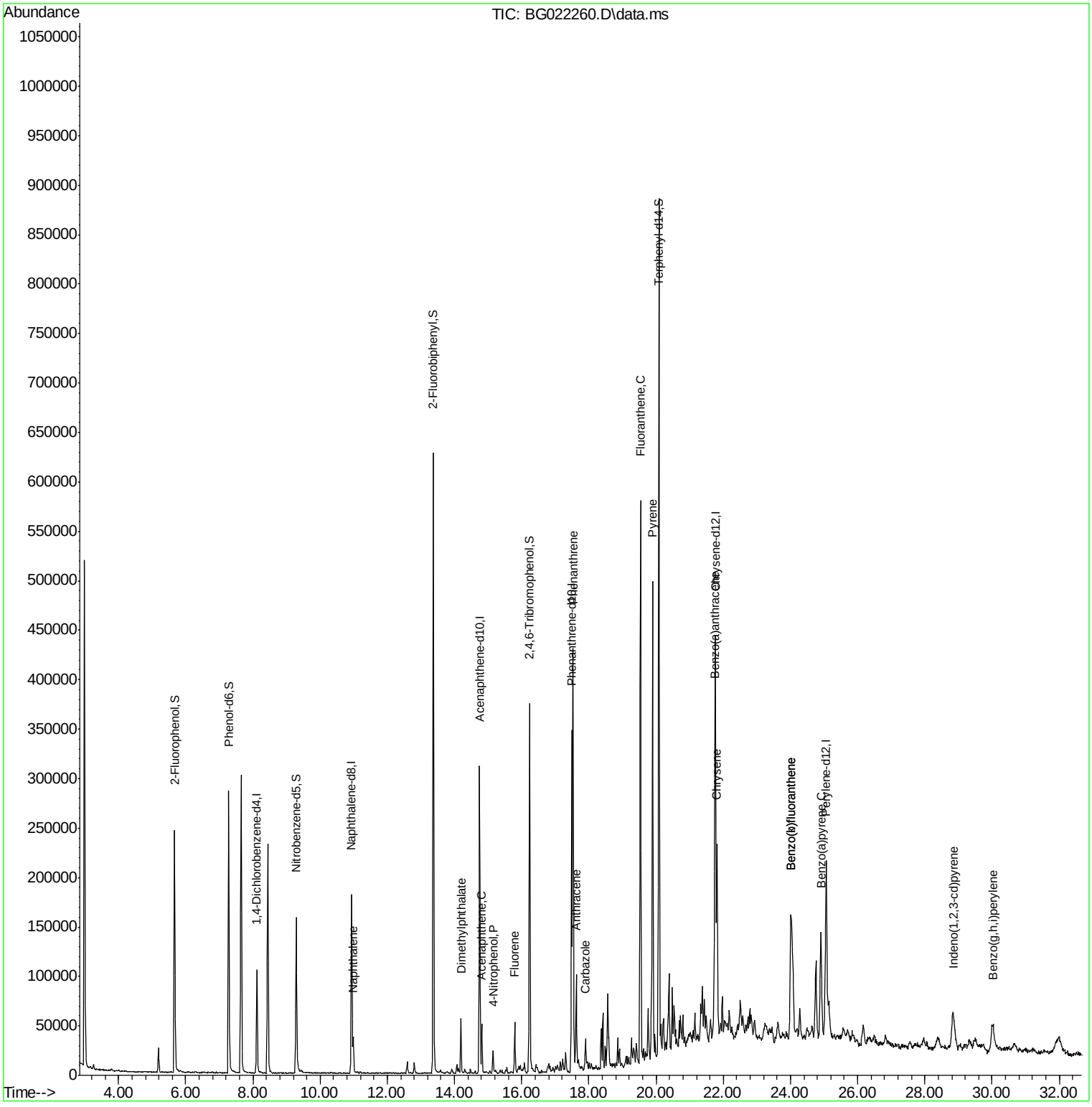
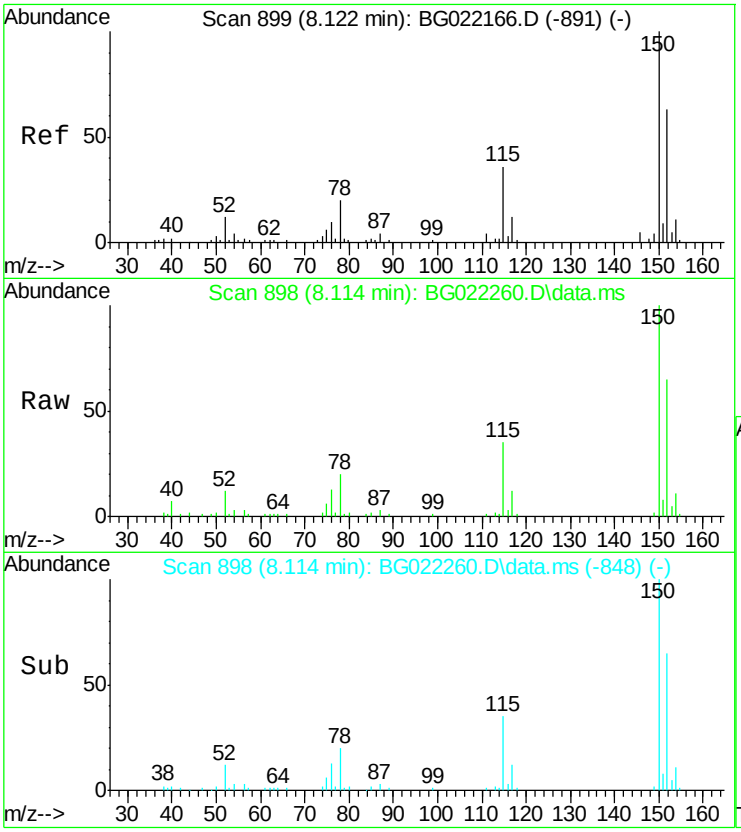


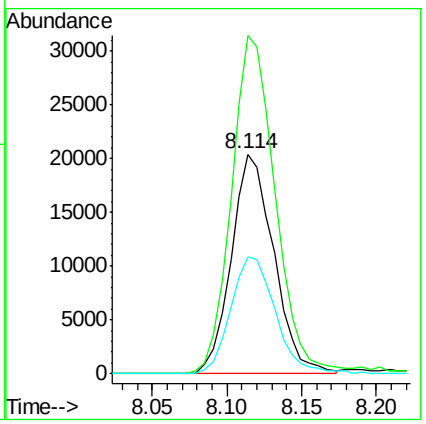


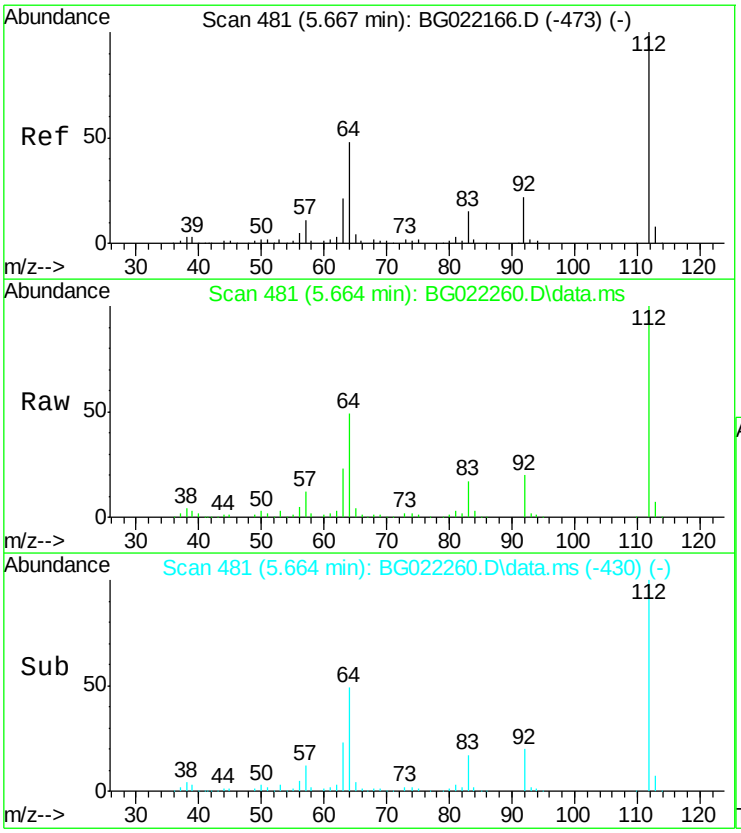
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.114 min Scan# 89
Delta R.T. -0.008 min
Lab File: BG022260.D
Acq: 9 Jun 2016 9:15

Instrument :
BNA_G
ClientSampleId :
SS-41

Tgt Ion:152 Resp: 40102

Ion	Ratio	Lower	Upper
152	100		
150	154.3	130.1	195.1
115	53.5	62.2	93.2#

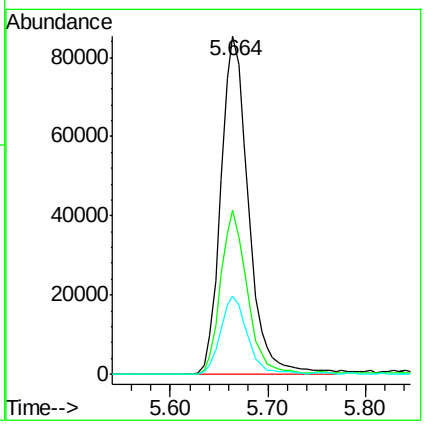


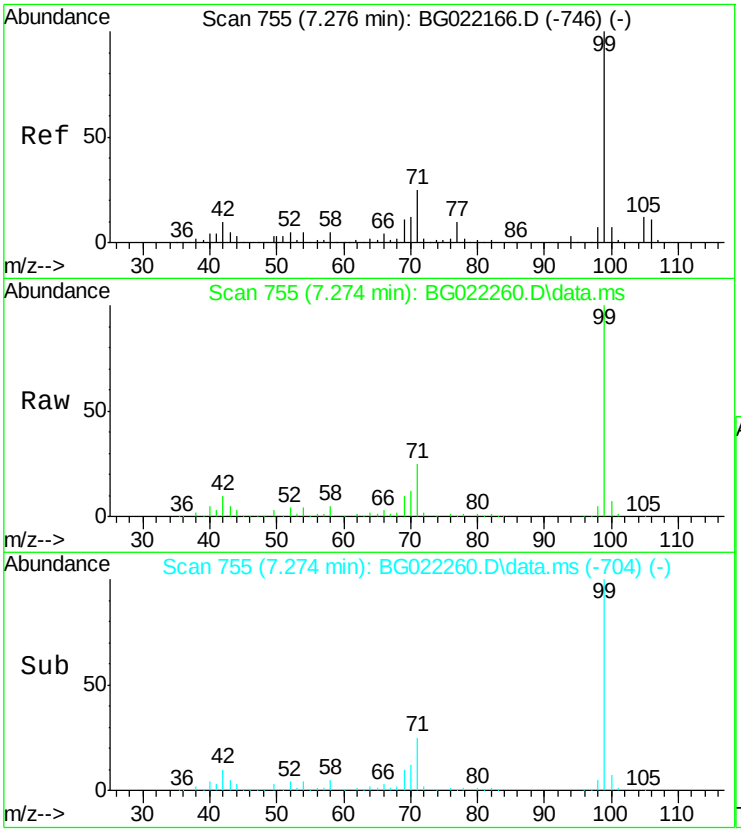


#5
2-Fluorophenol
Concen: 80.88 ng
RT: 5.664 min Scan# 481
Delta R.T. -0.002 min
Lab File: BG022260.D
Acq: 9 Jun 2016 9:15

Tgt Ion:112 Resp: 167756

Ion	Ratio	Lower	Upper
112	100		
64	48.6	51.1	76.7#
63	23.0	24.6	37.0#



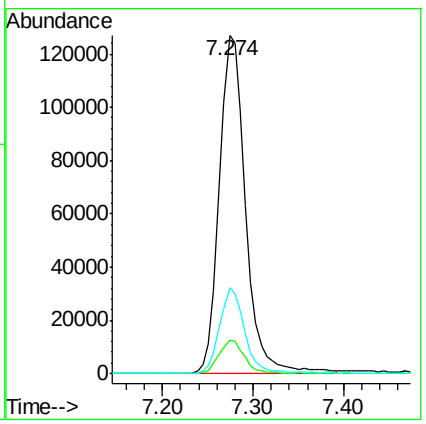


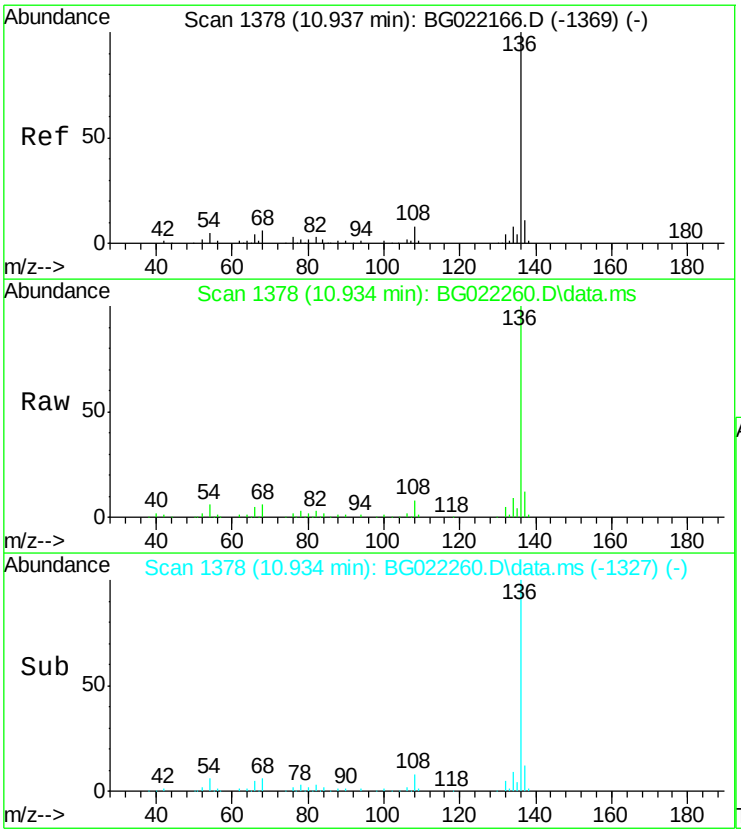
#7
Phenol-d6
Concen: 78.11 ng
RT: 7.274 min Scan# 75
Delta R.T. -0.002 min
Lab File: BG022260.D
Acq: 9 Jun 2016 9:15

Instrument :
BNA_G
ClientSampleId :
SS-41

Tgt Ion: 99 Resp: 254727

Ion	Ratio	Lower	Upper
99	100		
42	10.0	16.4	24.6#
71	25.5	25.0	37.4

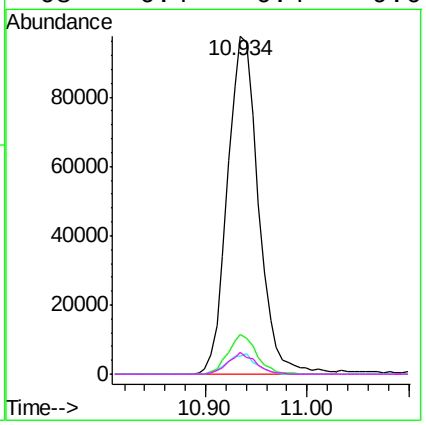


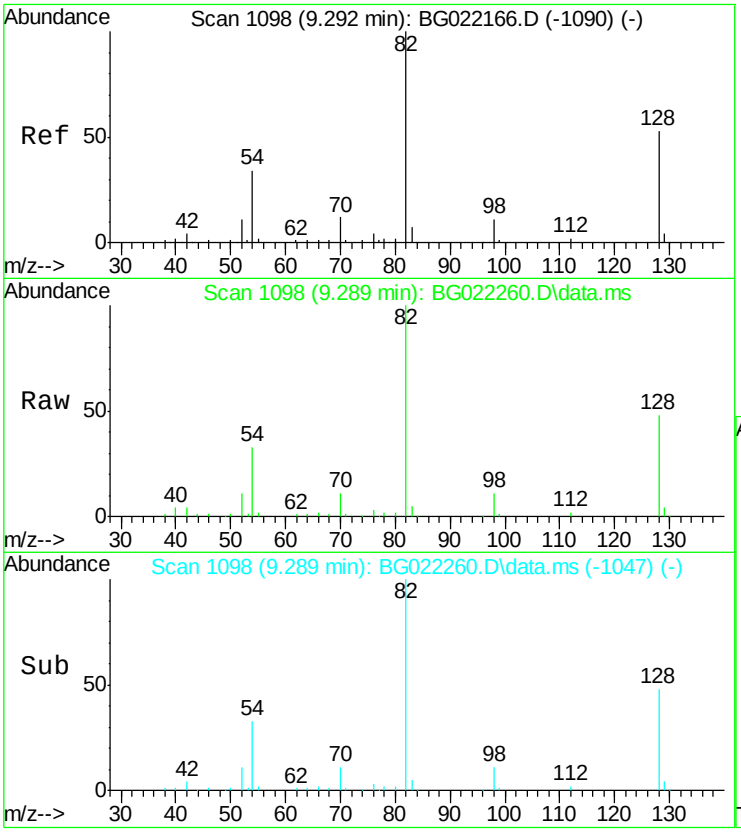


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.934 min Scan# 1378
Delta R.T. -0.002 min
Lab File: BG022260.D
Acq: 9 Jun 2016 9:15

Tgt Ion:136 Resp: 207928

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.0	13.4
54	5.5	9.6	14.4#
68	6.4	6.4	9.6



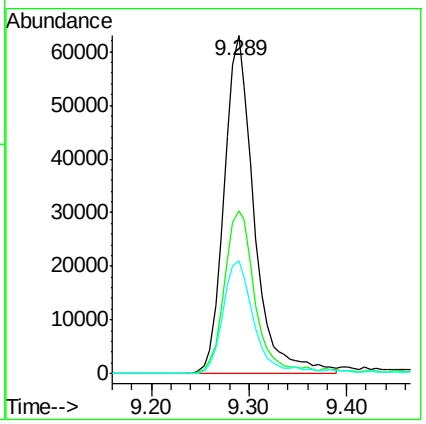


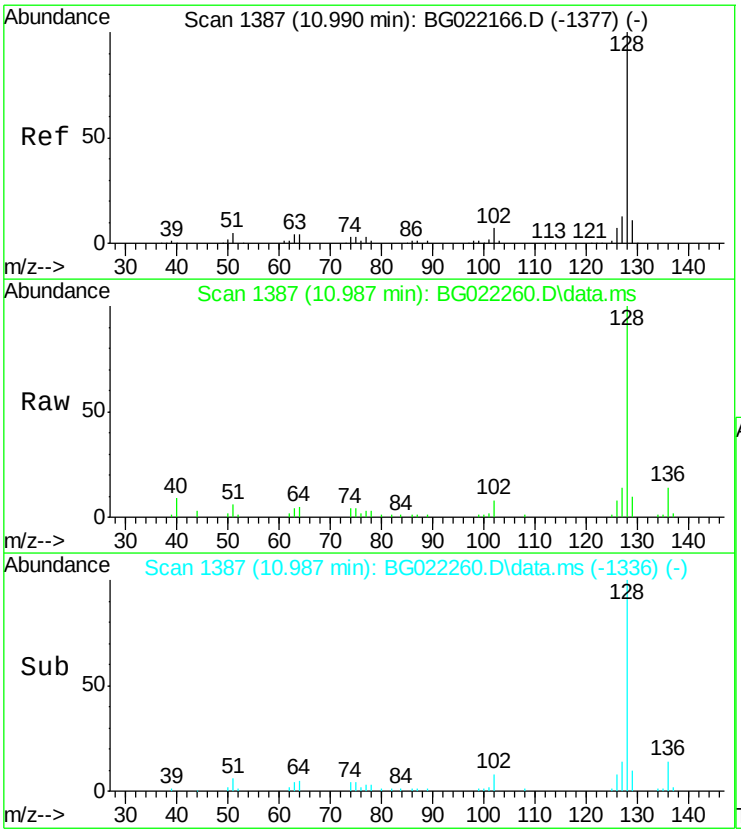
#23
Nitrobenzene-d5
Concen: 44.84 ng
RT: 9.289 min Scan# 10
Delta R.T. -0.002 min
Lab File: BG022260.D
Acq: 9 Jun 2016 9:15

Instrument :
BNA_G
ClientSampleId :
SS-41

Tgt Ion: 82 Resp: 133722

Ion	Ratio	Lower	Upper
82	100		
128	48.0	33.4	50.0
54	33.5	46.1	69.1#

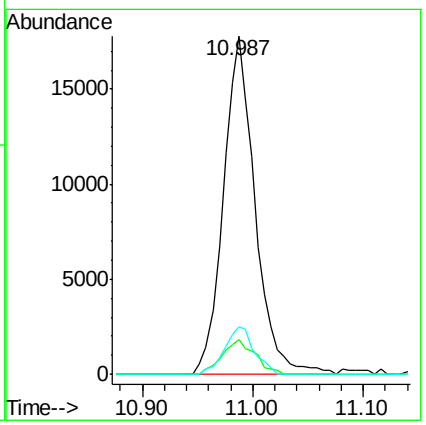


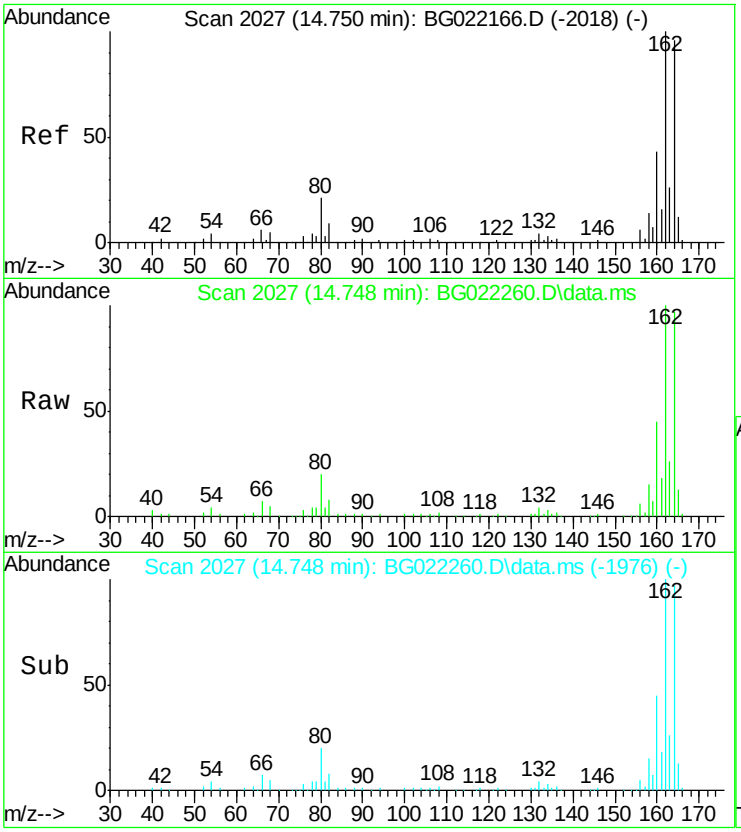


#31
Naphthalene
Concen: 3.43 ng
RT: 10.987 min Scan# 1387
Delta R.T. -0.002 min
Lab File: BG022260.D
Acq: 9 Jun 2016 9:15

Tgt Ion:128 Resp: 35595

Ion	Ratio	Lower	Upper
128	100		
129	10.3	7.0	10.6
127	14.0	10.1	15.1



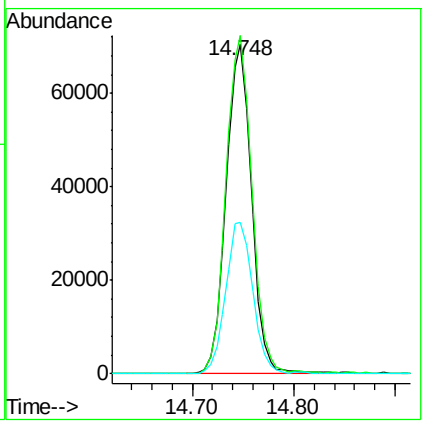


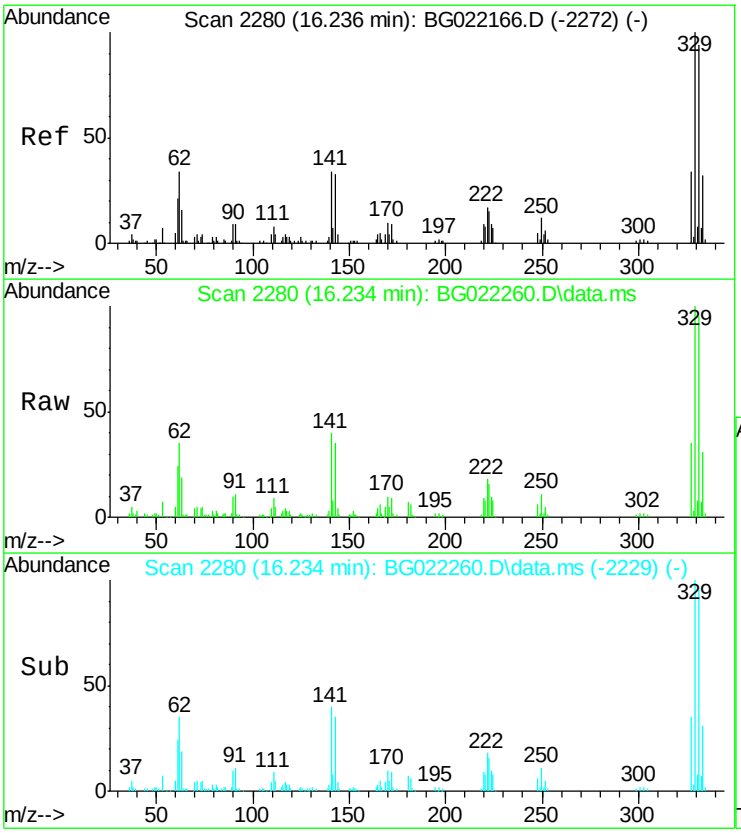
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.748 min Scan# 20
Delta R.T. -0.002 min
Lab File: BG022260.D
Acq: 9 Jun 2016 9:15

Instrument :
BNA_G
ClientSampleId :
SS-41

Tgt Ion:164 Resp: 122272

Ion	Ratio	Lower	Upper
164	100		
162	102.7	78.0	117.0
160	45.9	32.9	49.3

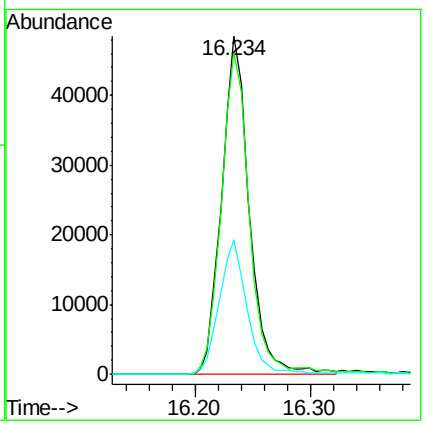


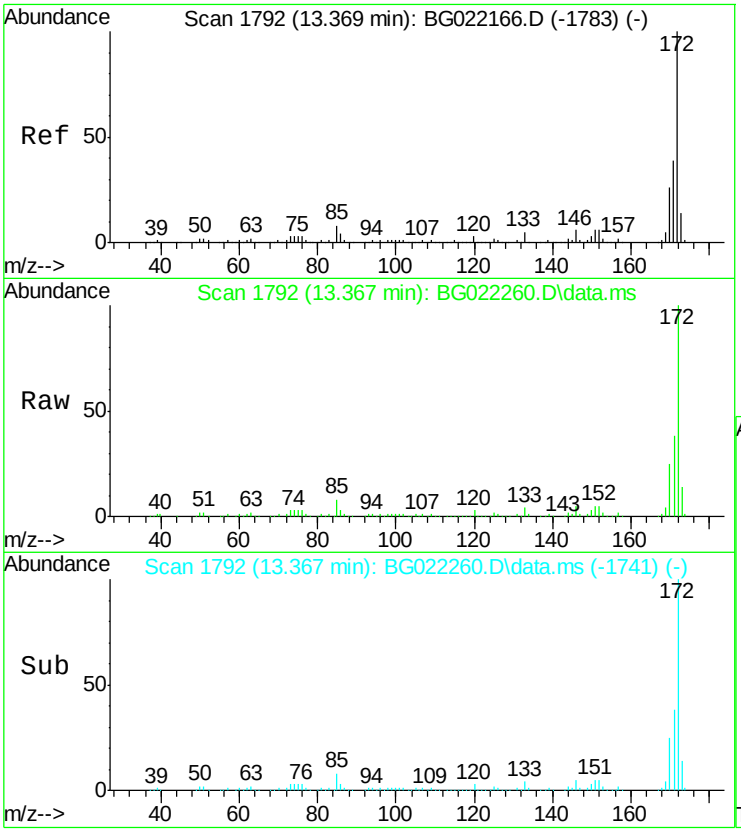


#41
2,4,6-Tribromophenol
Concen: 58.04 ng
RT: 16.234 min Scan# 2280
Delta R.T. -0.002 min
Lab File: BG022260.D
Acq: 9 Jun 2016 9:15

Tgt Ion:330 Resp: 80182

Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.0	117.0
141	40.0	33.8	50.8



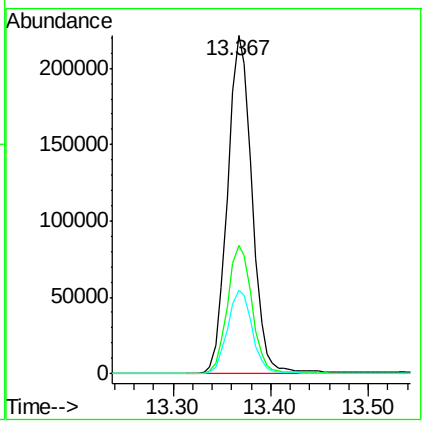


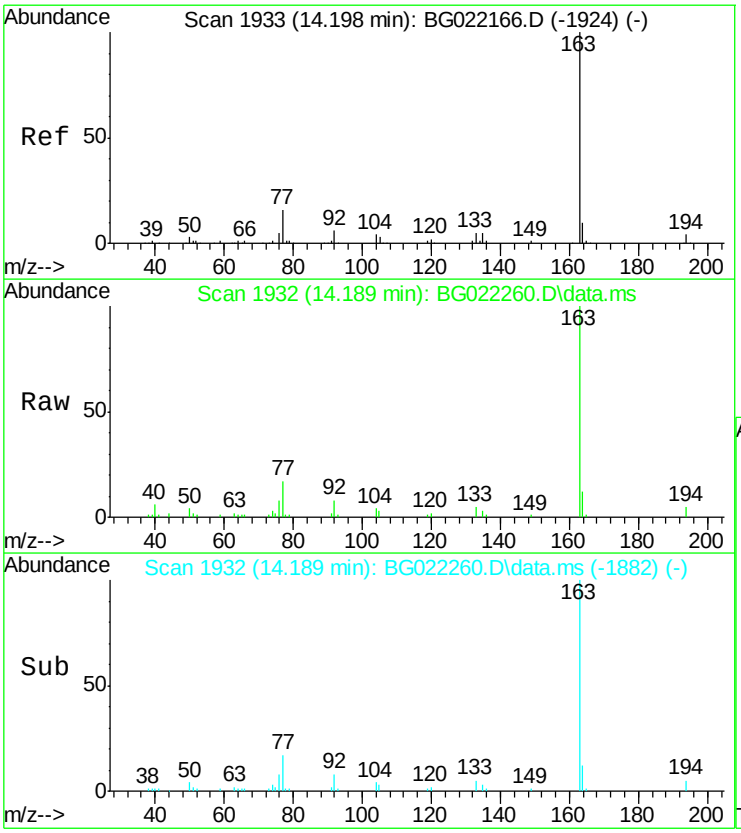
#44
2-Fluorobiphenyl
Concen: 48.03 ng
RT: 13.367 min Scan# 17
Delta R.T. -0.002 min
Lab File: BG022260.D
Acq: 9 Jun 2016 9:15

Instrument :
BNA_G
ClientSampleId :
SS-41

Tgt Ion:172 Resp: 385346

Ion	Ratio	Lower	Upper
172	100		
171	38.1	27.8	41.6
170	24.7	19.6	29.4

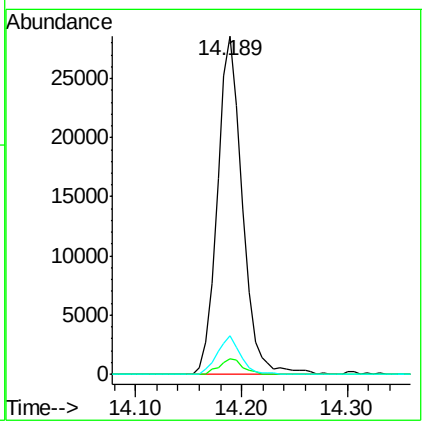


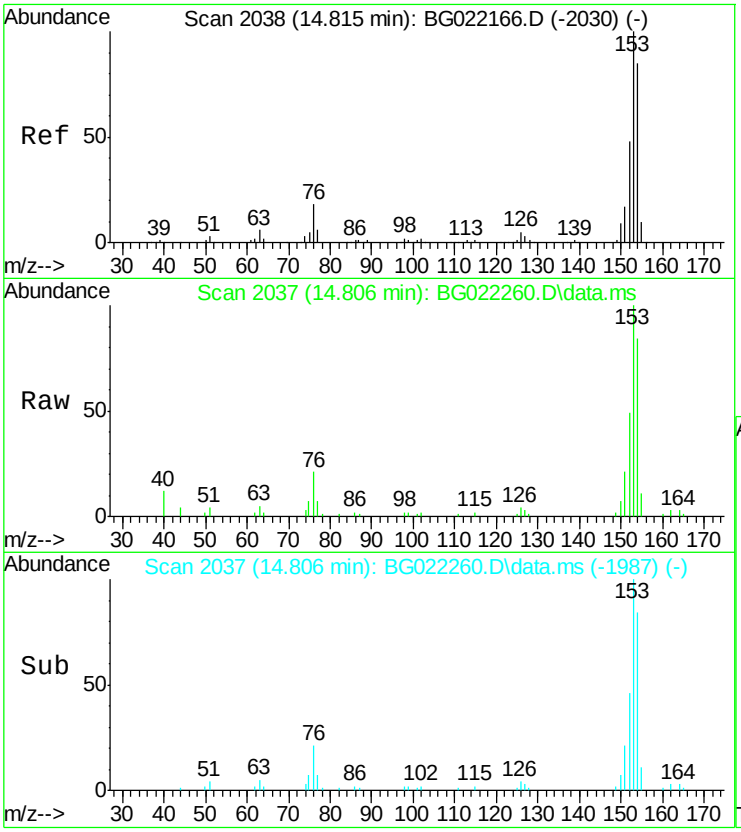


#49
Dimethylphthalate
Concen: 4.62 ng
RT: 14.189 min Scan# 1932
Delta R.T. -0.008 min
Lab File: BG022260.D
Acq: 9 Jun 2016 9:15

Tgt Ion:163 Resp: 46823

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.0	4.6
164	11.6	8.1	12.1



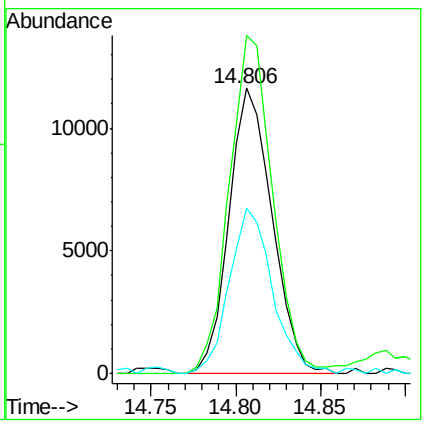


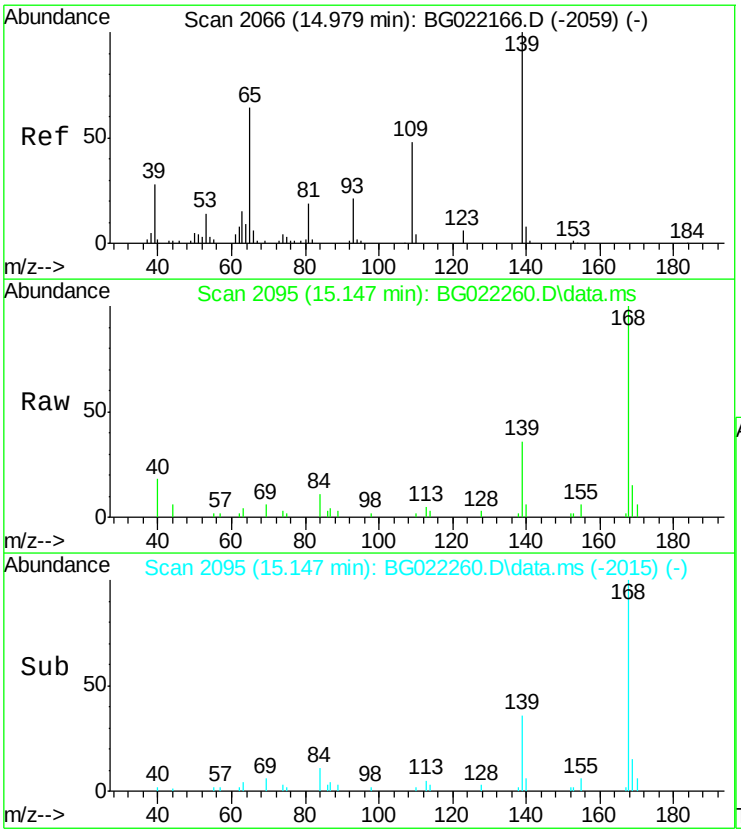
#51
Acenaphthene
Concen: 2.78 ng
RT: 14.806 min Scan# 20
Delta R.T. -0.008 min
Lab File: BG022260.D
Acq: 9 Jun 2016 9:15

Instrument :
BNA_G
ClientSampleId :
SS-41

Tgt Ion:154 Resp: 20623

Ion	Ratio	Lower	Upper
154	100		
153	118.6	91.9	137.9
152	57.9	42.0	63.0

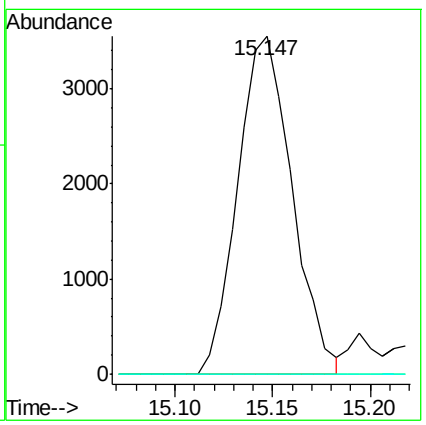


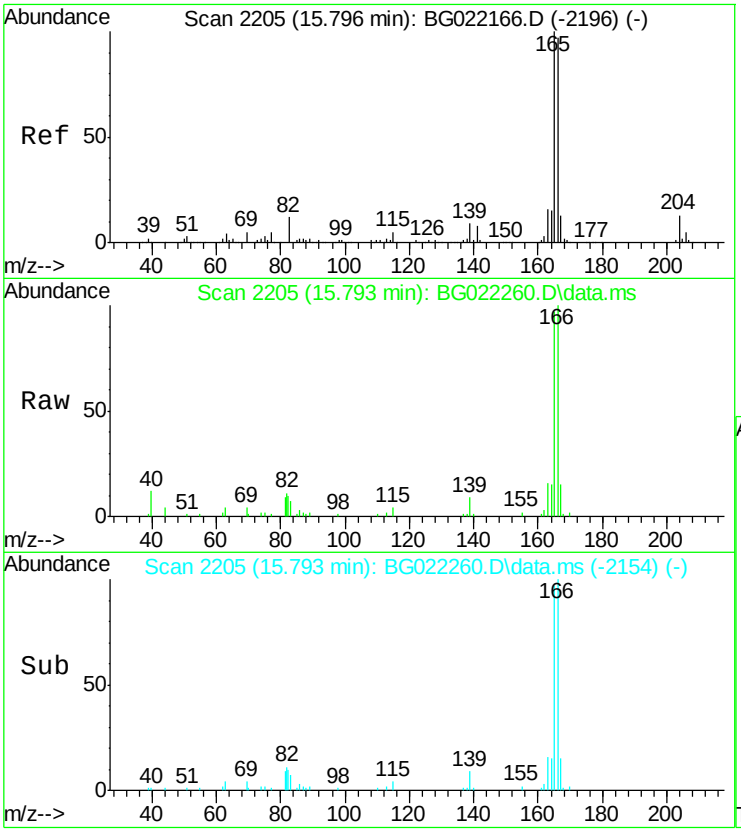


#55
4-Nitrophenol
Concen: 4.06 ng
RT: 15.147 min Scan# 2095
Delta R.T. 0.168 min
Lab File: BG022260.D
Acq: 9 Jun 2016 9:15

Tgt Ion:139 Resp: 6847

Ion	Ratio	Lower	Upper
139	100		
109	0.0	49.2	89.2#
65	0.0	83.2	123.2#



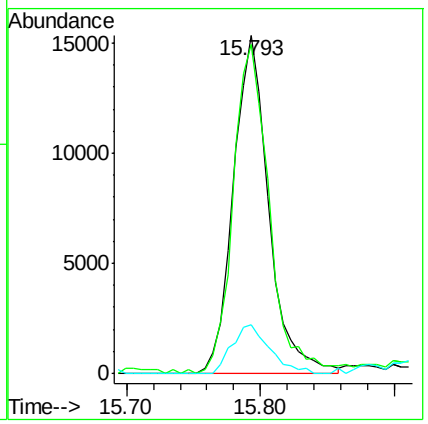


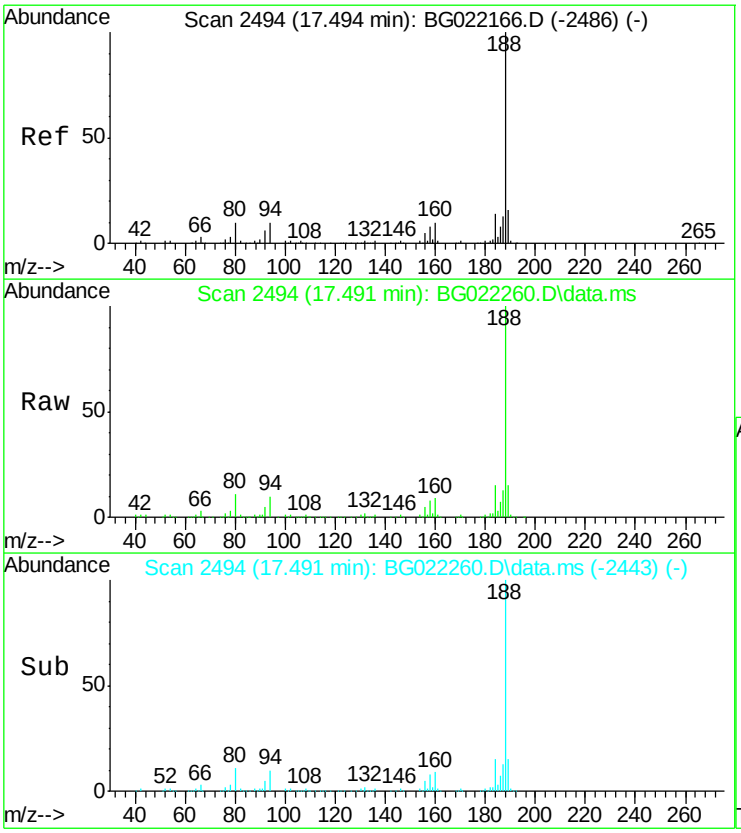
#57
Fluorene
Concen: 2.82 ng
RT: 15.793 min Scan# 22
Delta R.T. -0.002 min
Lab File: BG022260.D
Acq: 9 Jun 2016 9:15

Instrument :
BNA_G
ClientSampleId :
SS-41

Tgt Ion:166 Resp: 28143

Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.0	118.4
167	14.5	10.7	16.1

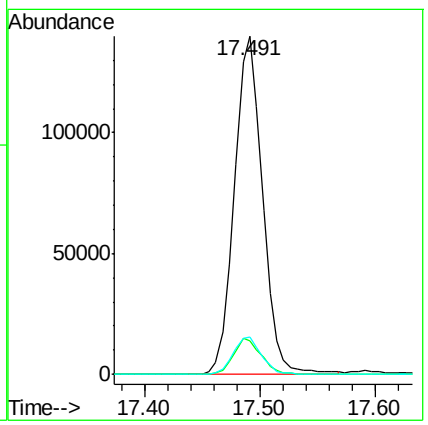


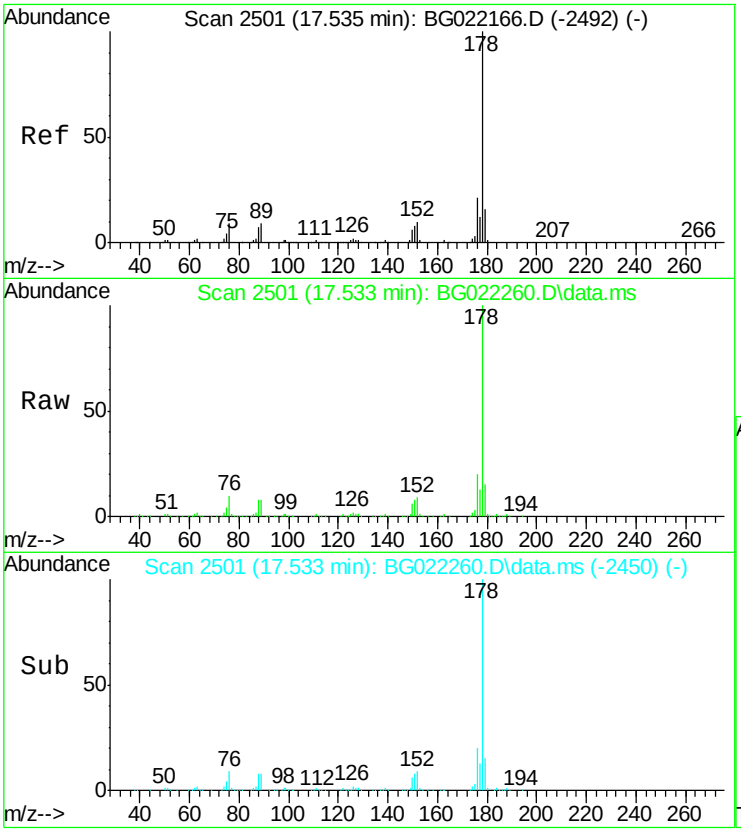


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.491 min Scan# 2494
Delta R.T. -0.002 min
Lab File: BG022260.D
Acq: 9 Jun 2016 9:15

Tgt Ion:188 Resp: 235954

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.5	11.3
80	10.9	8.6	13.0



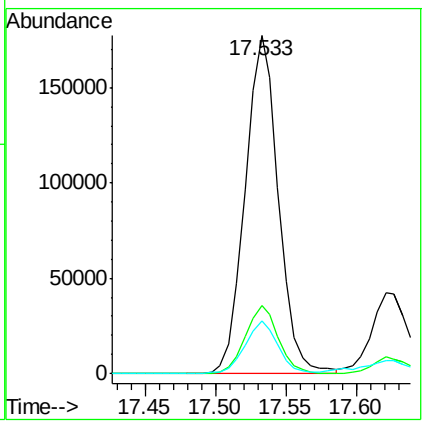


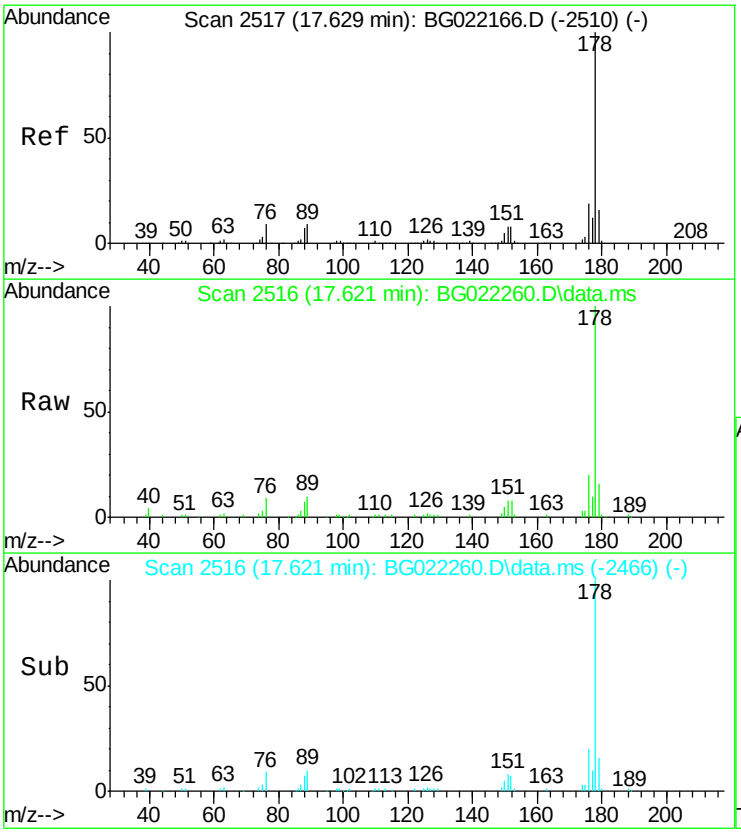
#70
Phenanthrene
Concen: 22.85 ng
RT: 17.533 min Scan# 25
Delta R.T. -0.002 min
Lab File: BG022260.D
Acq: 9 Jun 2016 9:15

Instrument :
BNA_G
ClientSampleId :
SS-41

Tgt Ion:178 Resp: 292788

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	15.4	12.0	18.0

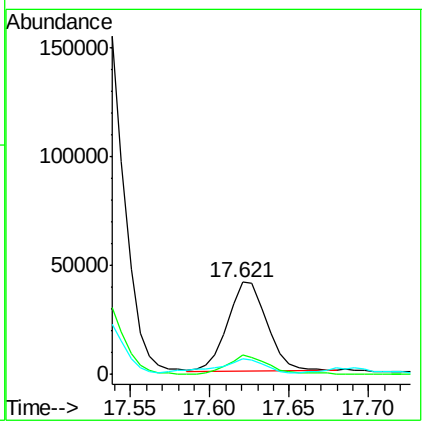


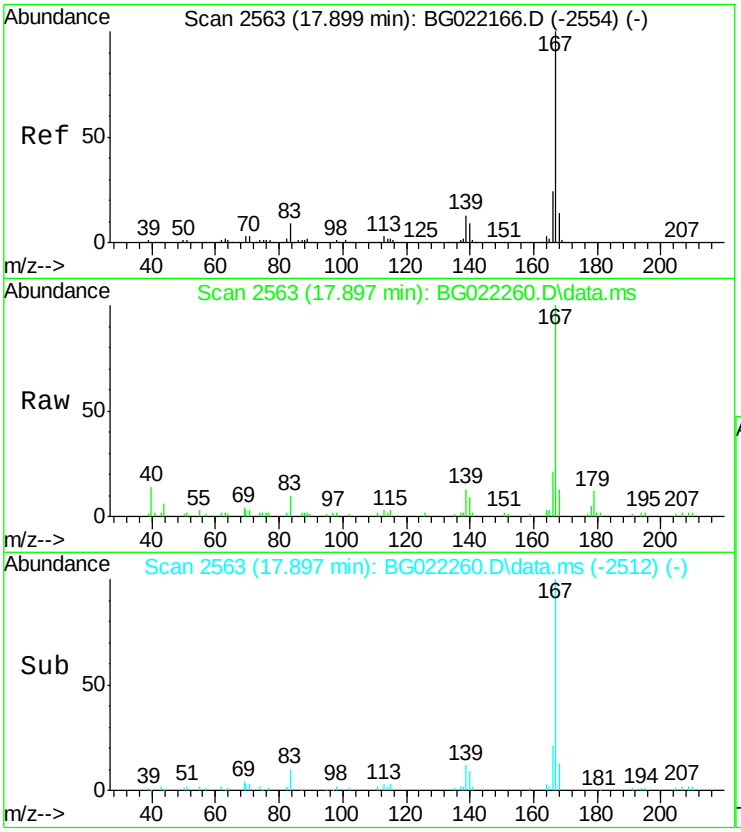


#71
Anthracene
Concen: 5.63 ng
RT: 17.621 min Scan# 2516
Delta R.T. -0.008 min
Lab File: BG022260.D
Acq: 9 Jun 2016 9:15

Tgt Ion:178 Resp: 71590

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.0	22.4
179	16.3	12.2	18.4



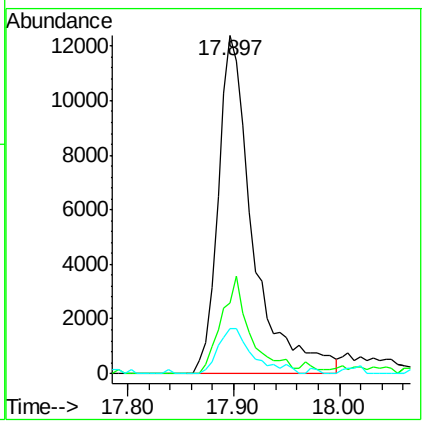


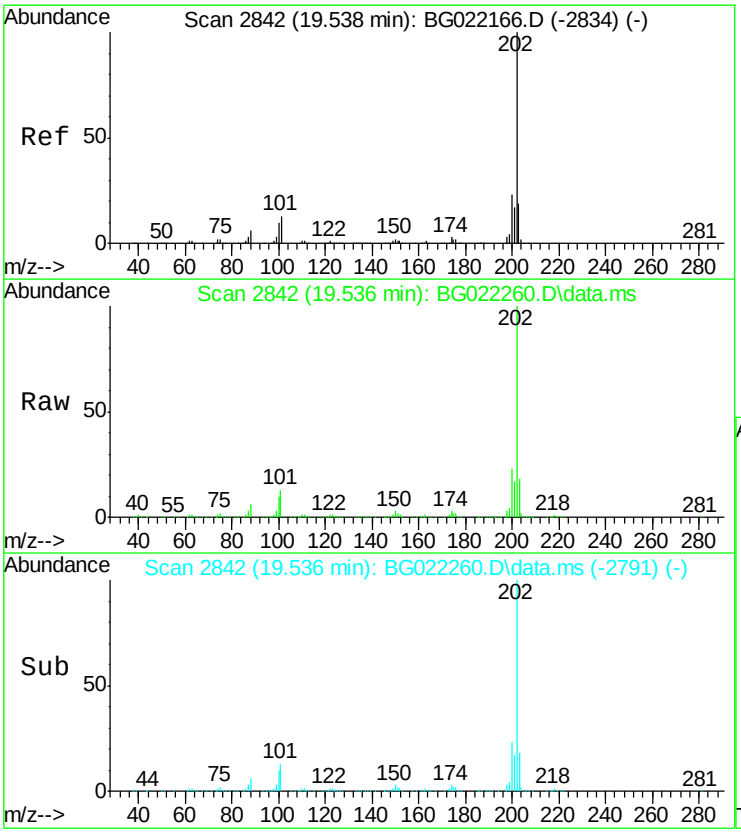
#72
Carbazole
Concen: 2.34 ng
RT: 17.897 min Scan# 25
Delta R.T. -0.002 min
Lab File: BG022260.D
Acq: 9 Jun 2016 9:15

Instrument :
BNA_G
ClientSampleId :
SS-41

Tgt Ion:167 Resp: 28129

Ion	Ratio	Lower	Upper
167	100		
166	20.9	18.6	27.8
139	13.4	10.6	15.8

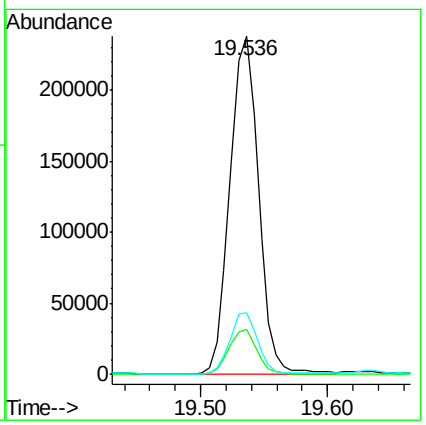


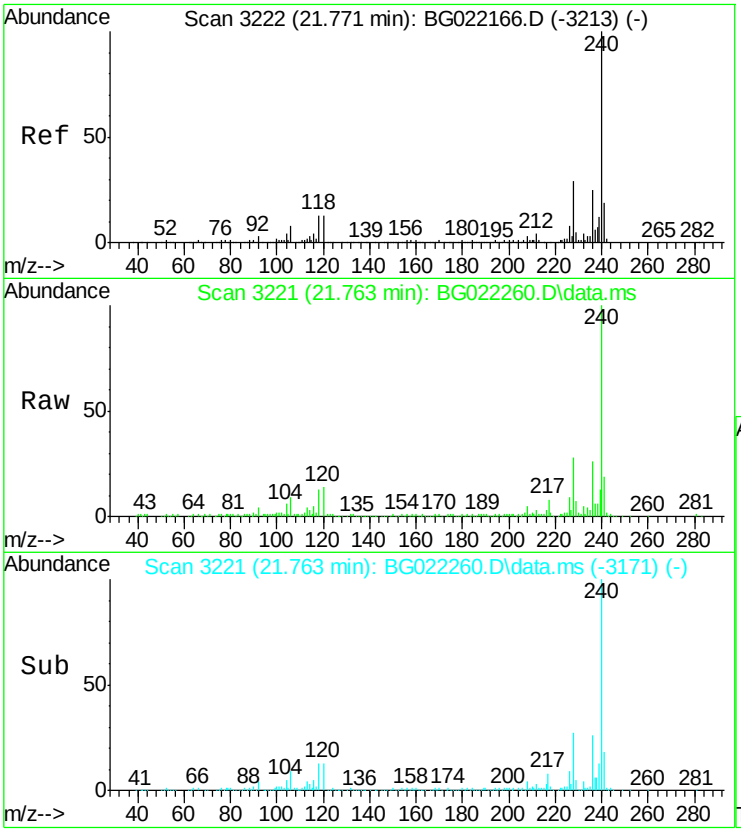


#74
Fluoranthene
Concen: 25.23 ng
RT: 19.536 min Scan# 2842
Delta R.T. -0.002 min
Lab File: BG022260.D
Acq: 9 Jun 2016 9:15

Tgt Ion:202 Resp: 371767

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	31.0
203	18.4	0.0	37.9



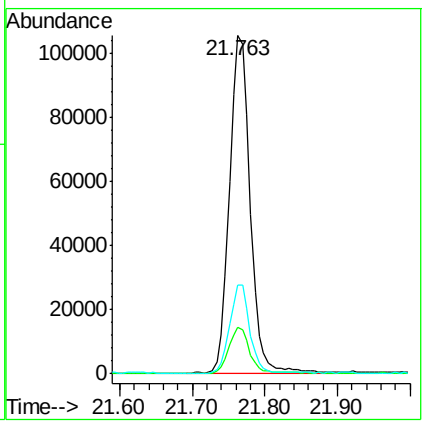


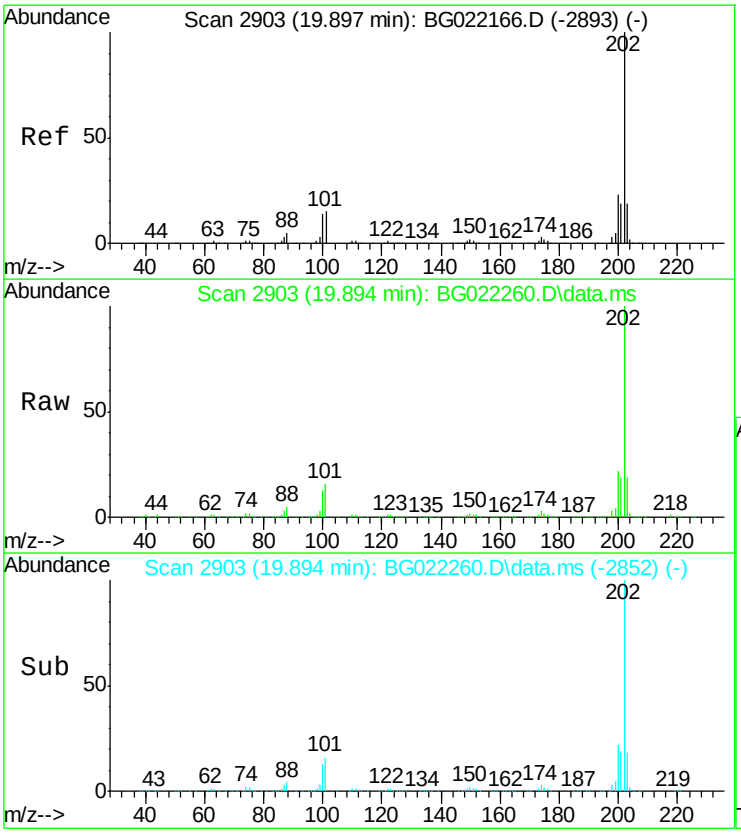
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.763 min Scan# 32
Delta R.T. -0.008 min
Lab File: BG022260.D
Acq: 9 Jun 2016 9:15

Instrument :
BNA_G
ClientSampleId :
SS-41

Tgt Ion:240 Resp: 210510

Ion	Ratio	Lower	Upper
240	100		
120	13.6	8.4	12.6#
236	26.4	19.6	29.4

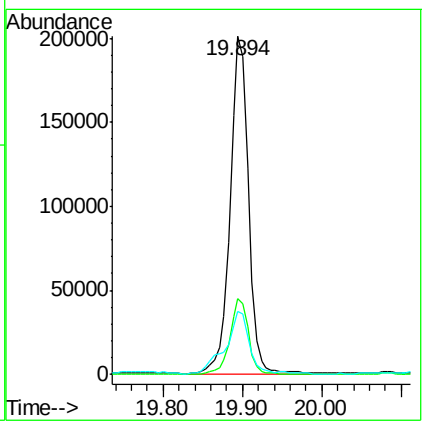


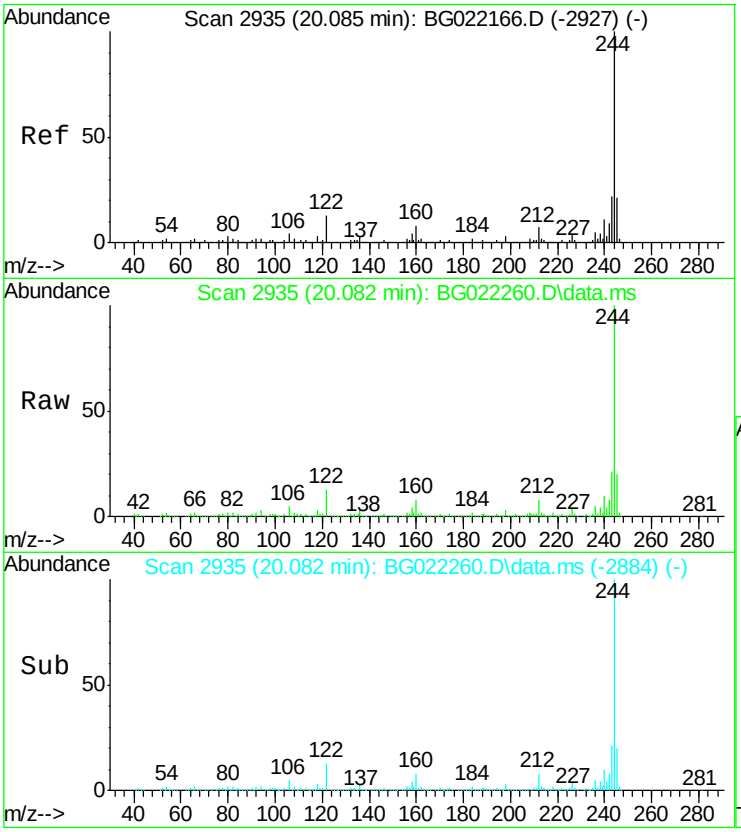


#77
Pyrene
Concen: 24.52 ng
RT: 19.894 min Scan# 2903
Delta R.T. -0.002 min
Lab File: BG022260.D
Acq: 9 Jun 2016 9:15

Tgt Ion:202 Resp: 320840

Ion	Ratio	Lower	Upper
202	100		
200	22.4	18.2	27.2
203	18.6	15.0	22.4



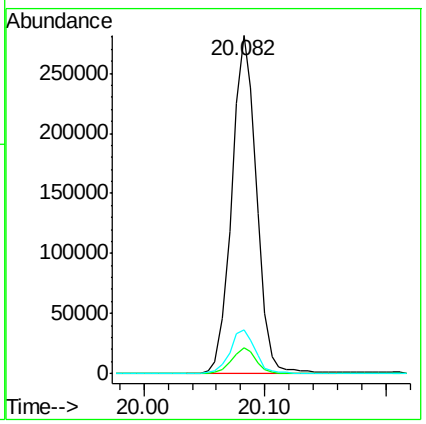


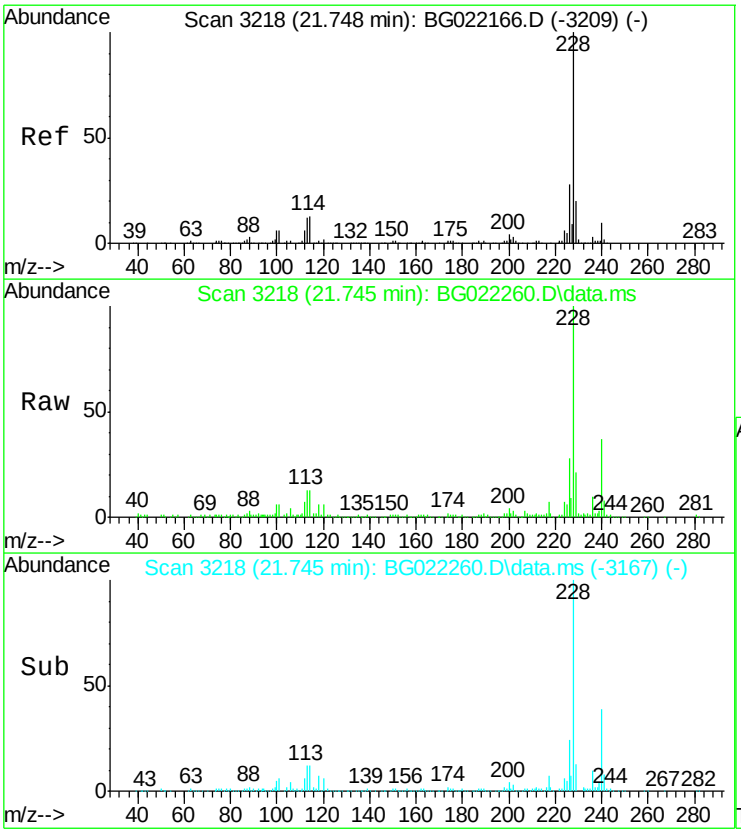
#78
Terphenyl-d14
Concen: 45.36 ng
RT: 20.082 min Scan# 29
Delta R.T. -0.002 min
Lab File: BG022260.D
Acq: 9 Jun 2016 9:15

Instrument :
BNA_G
ClientSampleId :
SS-41

Tgt Ion:244 Resp: 402178

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	12.9	8.6	12.8#

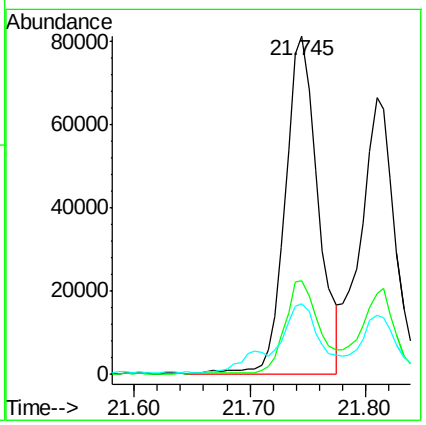


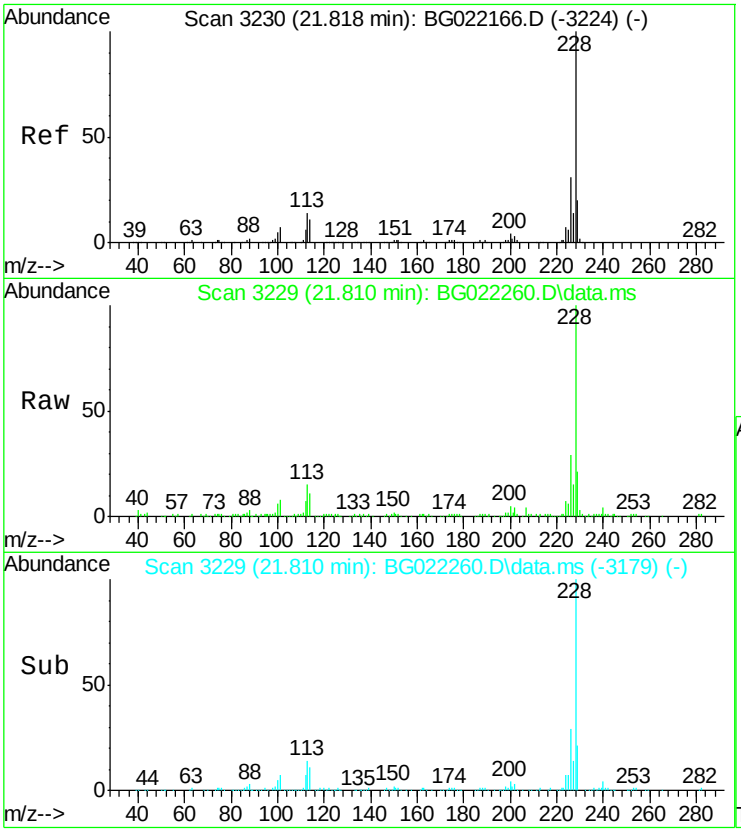


#80
Benzo(a)anthracene
Concen: 13.61 ng
RT: 21.745 min Scan# 3218
Delta R.T. -0.002 min
Lab File: BG022260.D
Acq: 9 Jun 2016 9:15

Tgt Ion:228 Resp: 160672

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	34.0
229	20.8	16.1	24.1



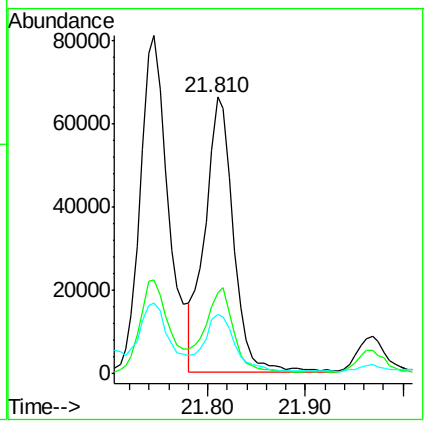


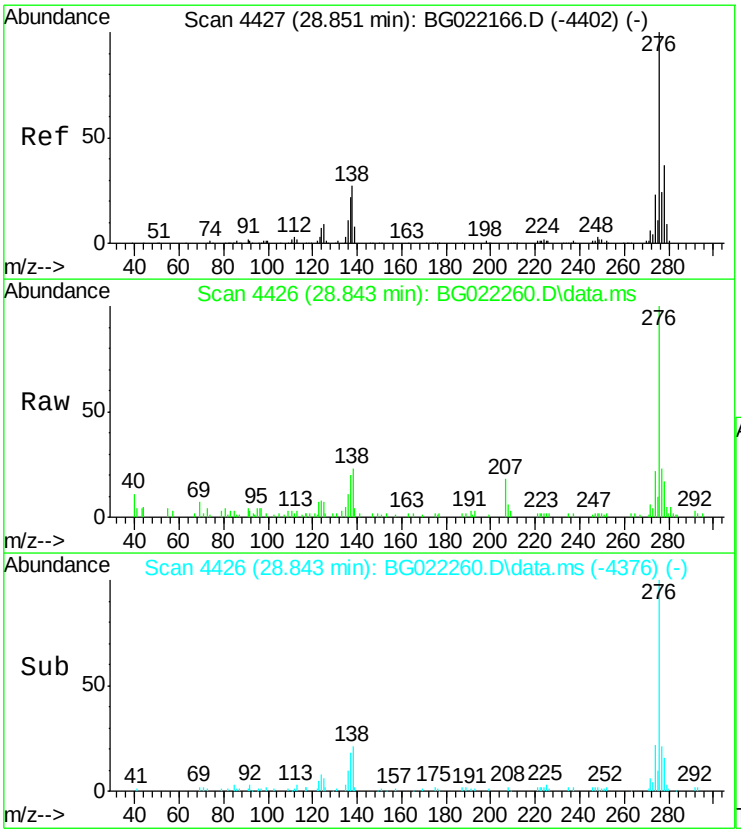
#82
Chrysene
Concen: 11.69 ng
RT: 21.810 min Scan# 32
Delta R.T. -0.008 min
Lab File: BG022260.D
Acq: 9 Jun 2016 9:15

Instrument :
BNA_G
ClientSampleId :
SS-41

Tgt Ion:228 Resp: 134285

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.4	38.0
229	21.5	15.9	23.9

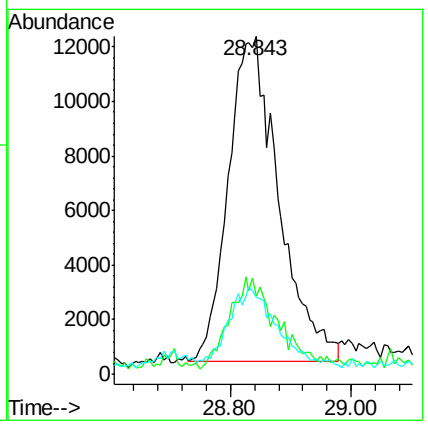


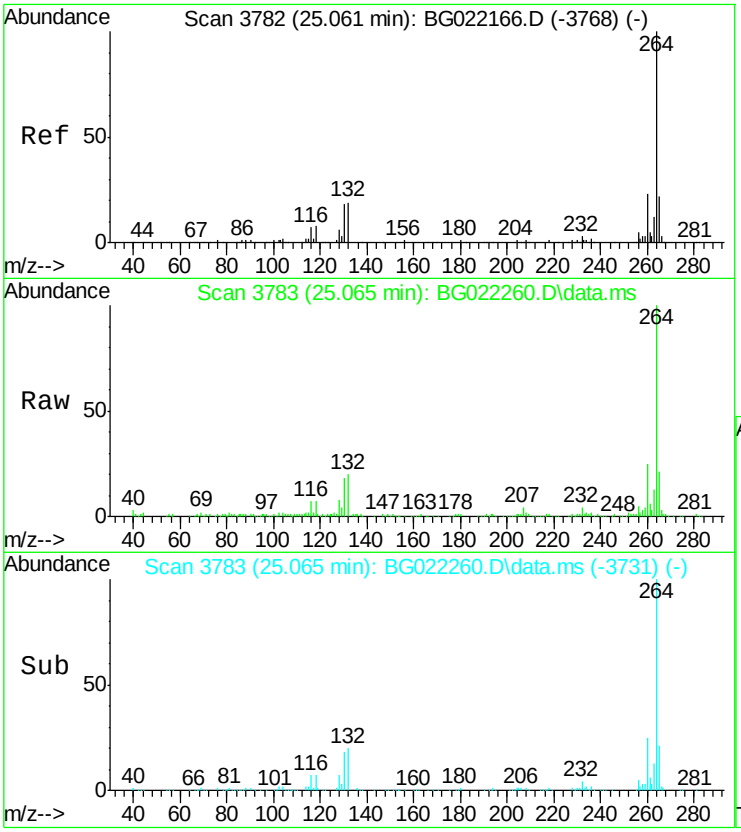


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.32 ng
RT: 28.843 min Scan# 4426
Delta R.T. -0.008 min
Lab File: BG022260.D
Acq: 9 Jun 2016 9:15

Tgt Ion:276 Resp: 68575

Ion	Ratio	Lower	Upper
276	100		
138	26.2	14.0	21.0#
277	20.1	20.6	30.8#



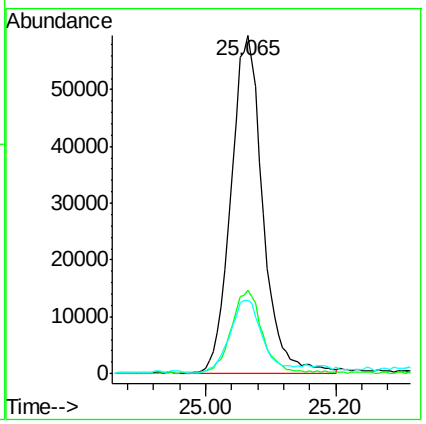


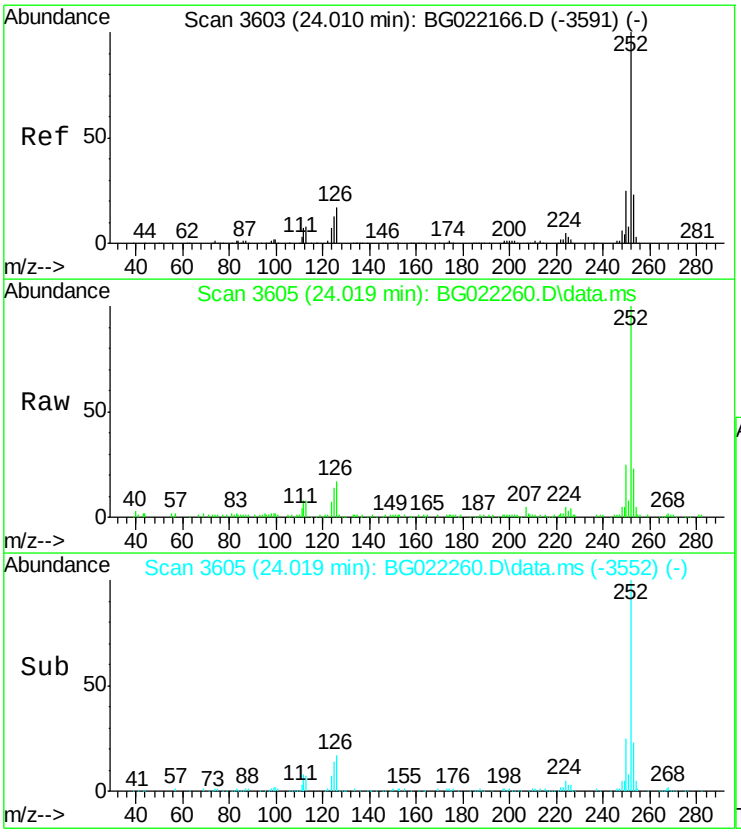
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.065 min Scan# 37
Delta R.T. 0.003 min
Lab File: BG022260.D
Acq: 9 Jun 2016 9:15

Instrument :
BNA_G
ClientSampleId :
SS-41

Tgt Ion:264 Resp: 201552

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.2	30.4
265	21.5	17.8	26.8

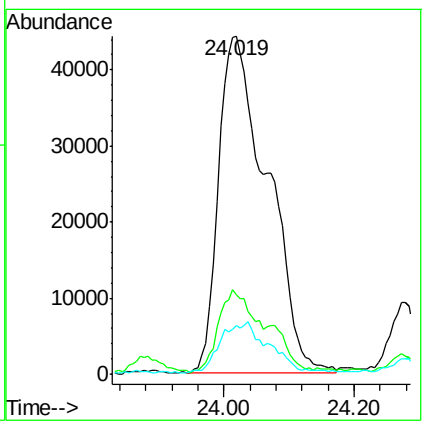


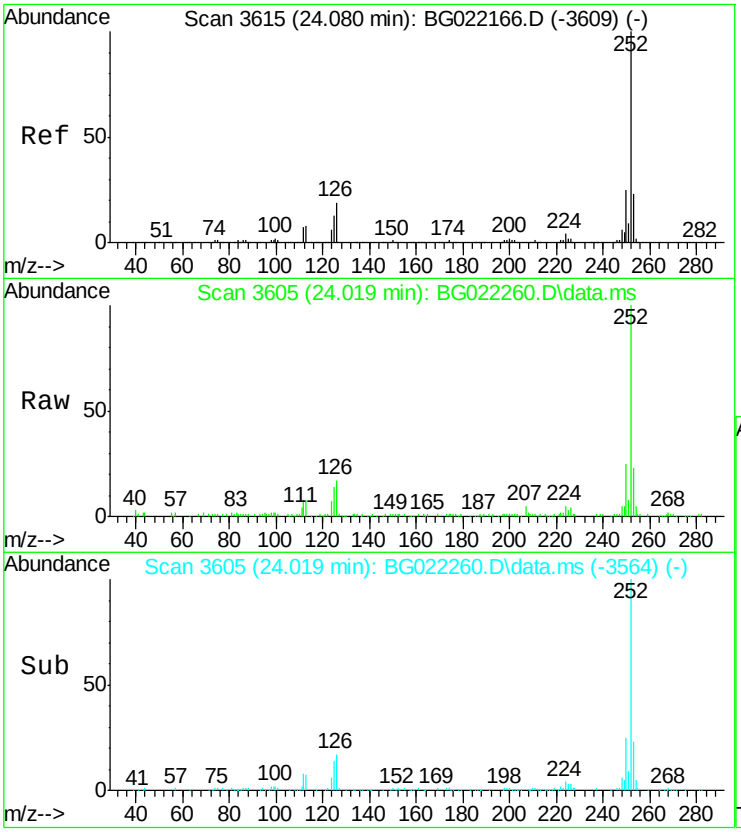


#87
Benzo(b)fluoranthene
Concen: 19.54 ng
RT: 24.019 min Scan# 3605
Delta R.T. 0.009 min
Lab File: BG022260.D
Acq: 9 Jun 2016 9:15

Tgt Ion:252 Resp: 229662

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	14.5	8.6	13.0#



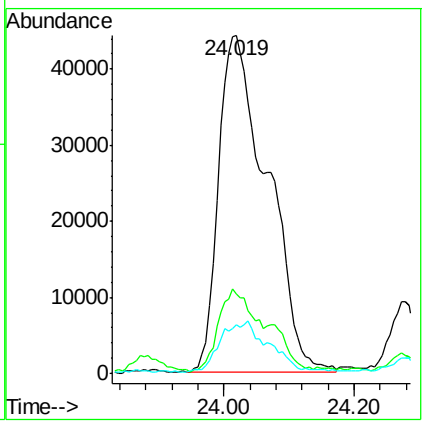


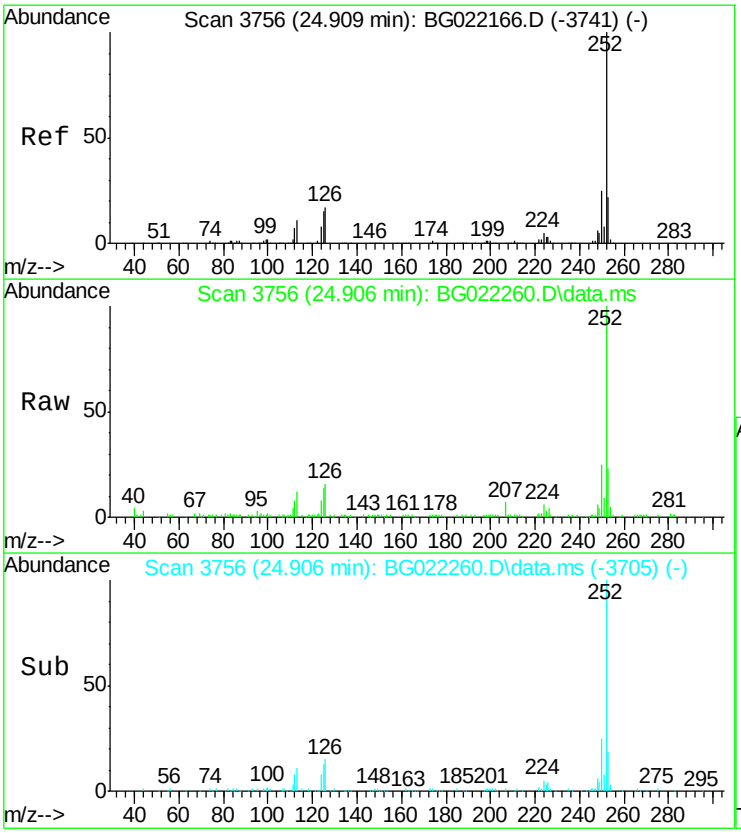
#88
Benzo(k)fluoranthene
Concen: 19.85 ng
RT: 24.019 min Scan# 36
Delta R.T. -0.061 min
Lab File: BG022260.D
Acq: 9 Jun 2016 9:15

Instrument :
BNA_G
ClientSampleId :
SS-41

Tgt Ion:252 Resp: 229662

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	14.5	8.3	12.5#

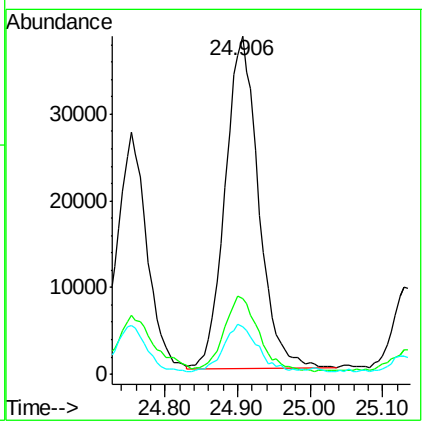


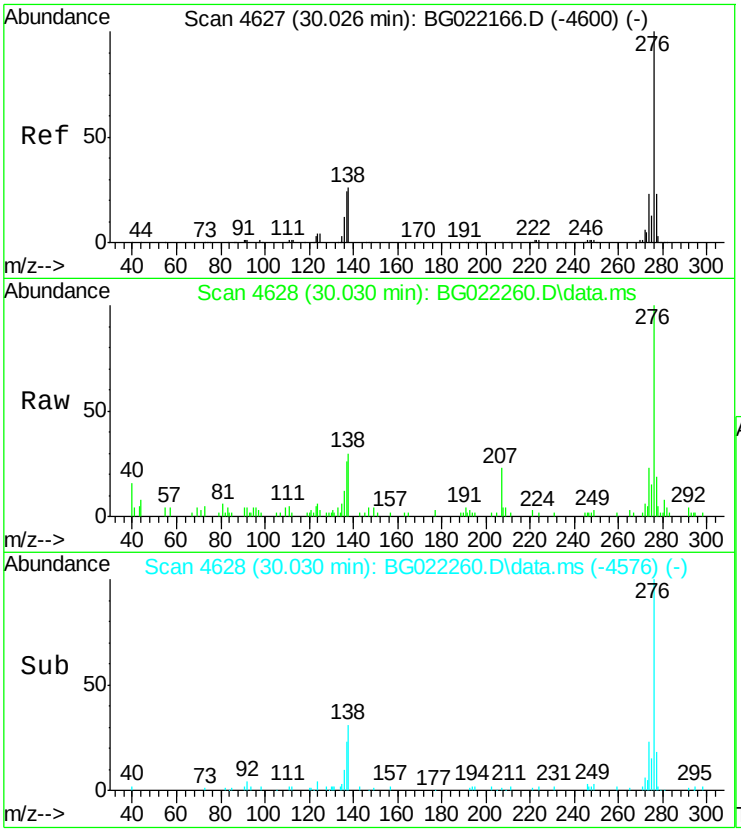


#89
Benzo(a)pyrene
Concen: 10.91 ng
RT: 24.906 min Scan# 3756
Delta R.T. -0.002 min
Lab File: BG022260.D
Acq: 9 Jun 2016 9:15

Tgt Ion:252 Resp: 122663

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	13.9	9.6	14.4





#91
Benzo(g,h,i)perylene
Concen: 5.87 ng
RT: 30.030 min Scan# 46
Delta R.T. 0.003 min
Lab File: BG022260.D
Acq: 9 Jun 2016 9:15

Instrument :
BNA_G
ClientSampleId :
SS-41

Tgt Ion:276 Resp: 64640

Ion	Ratio	Lower	Upper
276	100		
277	18.5	19.4	29.2#
138	30.3	17.4	26.0#