Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061316\
Data File : BG022329.D
Acq On : 13 Jun 2016 18:17
Operator : UM/SJ
Sample : H3474-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S7-B4(0-6)C

Quant Time: Jun 14 03:48:25 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	8.09	152	40024	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	188304	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	98443	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	192742	20.00	ng		0.00
75) Chrysene-d12	21.74	240	151833	20.00	ng		0.00
86) Perylene-d12	25.03	264	132885	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	221599	107.05	ng		0.00
7) Phenol-d6	7.25	99	320553	98.49	ng		0.00
23) Nitrobenzene-d5	9.26	82	178034	65.92	ng		0.00
41) 2,4,6-Tribromophenol	16.21	330	92394	83.06	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	430040	66.57	ng		0.00
78) Terphenyl-d14	20.06	244	420998	65.83	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	14.17	163	59954	7.35	ng		98
70) Phenanthrene	17.51	178	61463	5.87	ng		98
74) Fluoranthene	19.51	202	114013	9.47	ng		98
77) Pyrene	19.88	202	97214	10.30	ng		98
80) Benzo(a)anthracene	21.72	228	47813	5.62	ng		95
82) Chrysene	21.79	228	47928	5.78	ng		98
87) Benzo(b)fluoranthene	23.98	252	54757	7.07	ng	#	90
88) Benzo(k)fluoranthene	24.03	252	31945m	4.19	ng		
89) Benzo(a)pyrene	24.87	252	36012	4.86	ng	#	92
91) Benzo(g,h,i)perylene	29.96	276	16482m	2.27	ng		

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061316\
Data File : BG022329.D
Acq On : 13 Jun 2016 18:17
Operator : UM/SJ
Sample : H3474-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S7-B4(0-6)C

Quant Time: Jun 14 03:48:25 2016
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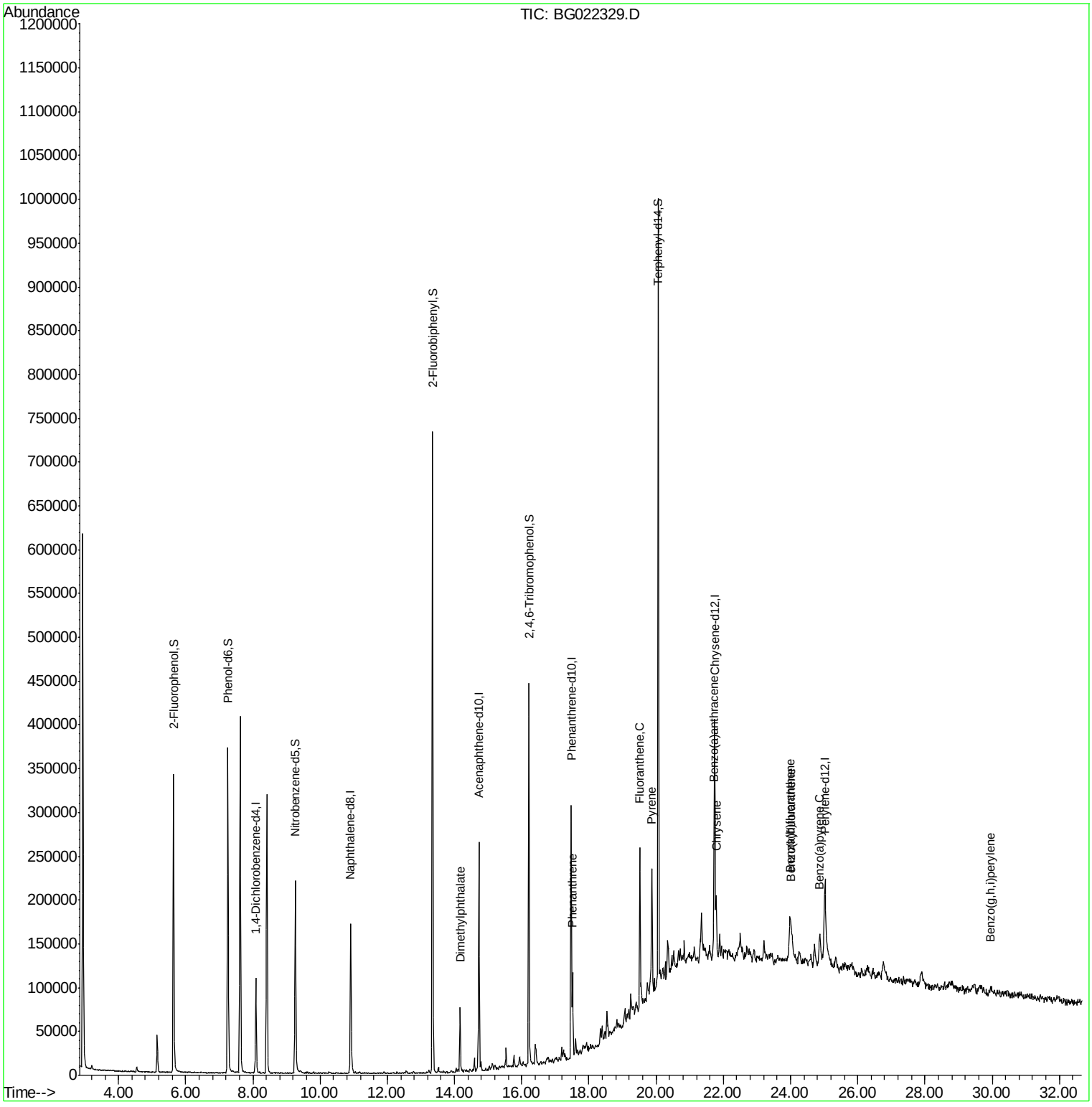
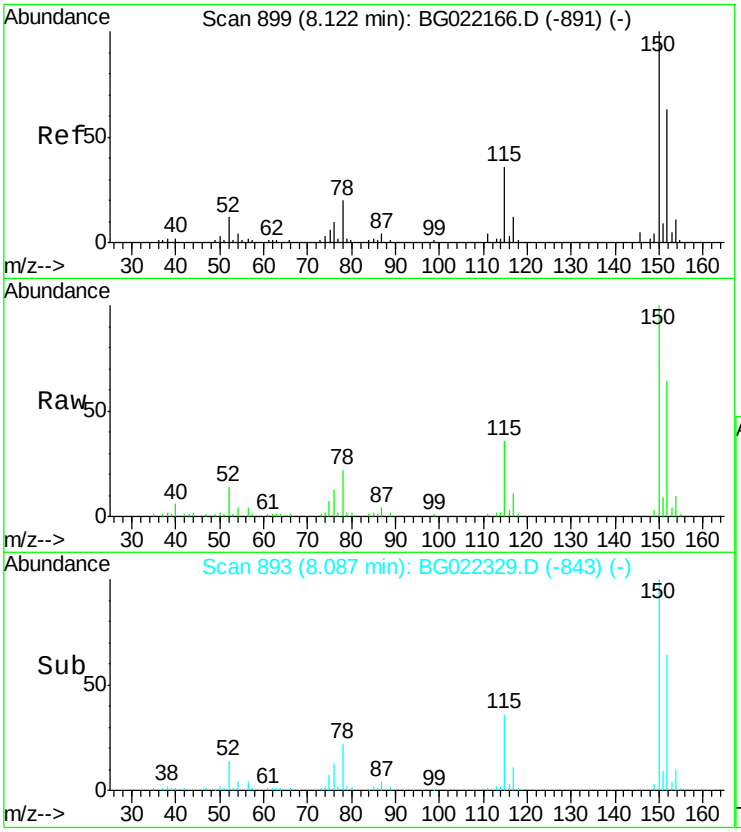


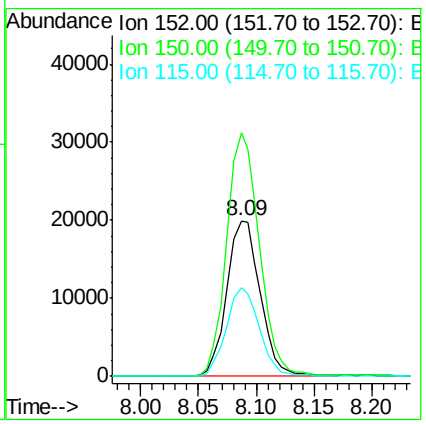


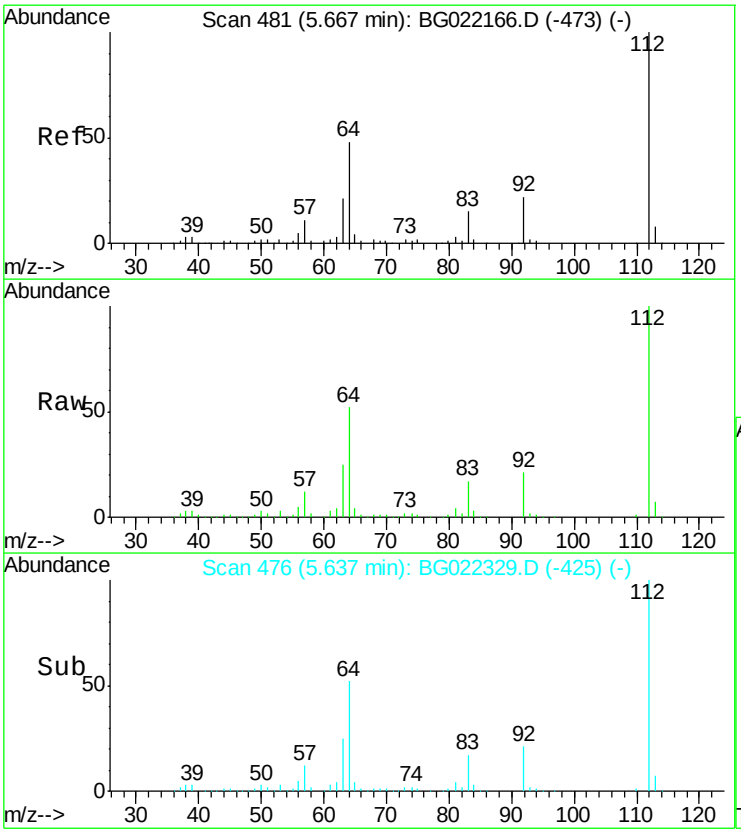
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG022329.D
Acq: 13 Jun 2016 18:17

Instrument :
BNA_G
ClientSampleId :
S7-B4(0-6)C

Tgt Ion:152 Resp: 40024

Ion	Ratio	Lower	Upper
152	100		
150	156.4	130.1	195.1
115	56.9	62.2	93.2#

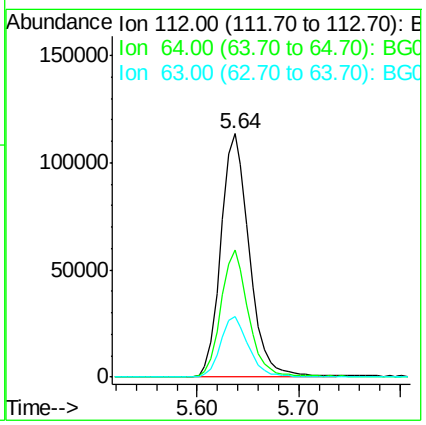


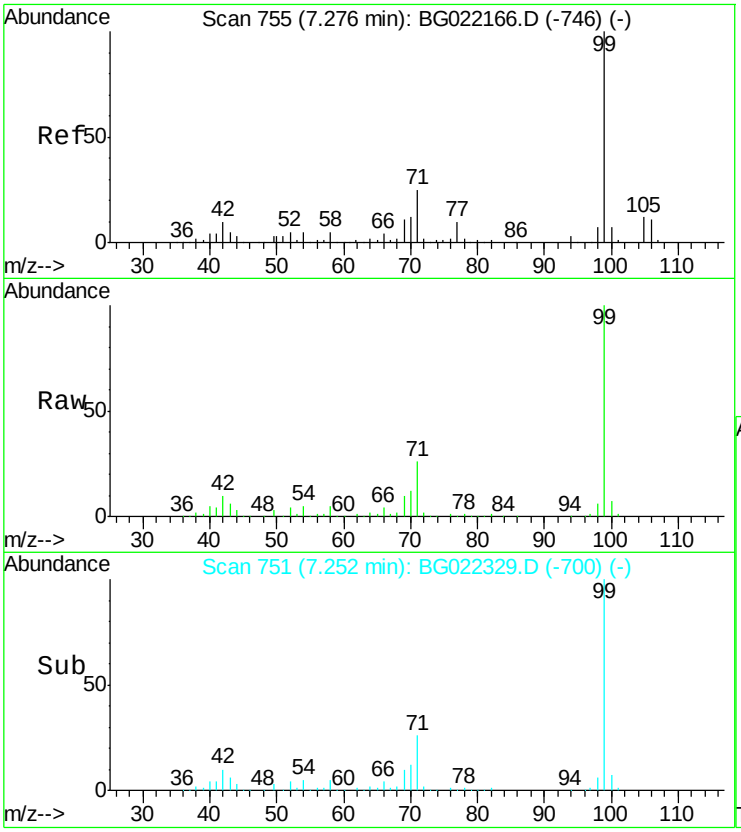


#5
2-Fluorophenol
Concen: 107.05 ng
RT: 5.64 min Scan# 476
Delta R.T. 0.00 min
Lab File: BG022329.D
Acq: 13 Jun 2016 18:17

Tgt Ion:112 Resp: 221599

Ion	Ratio	Lower	Upper
112	100		
64	52.0	51.1	76.7
63	25.0	24.6	37.0



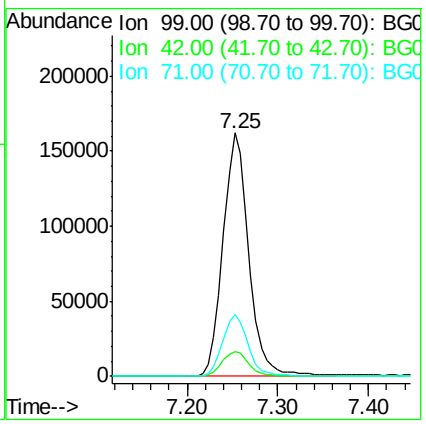


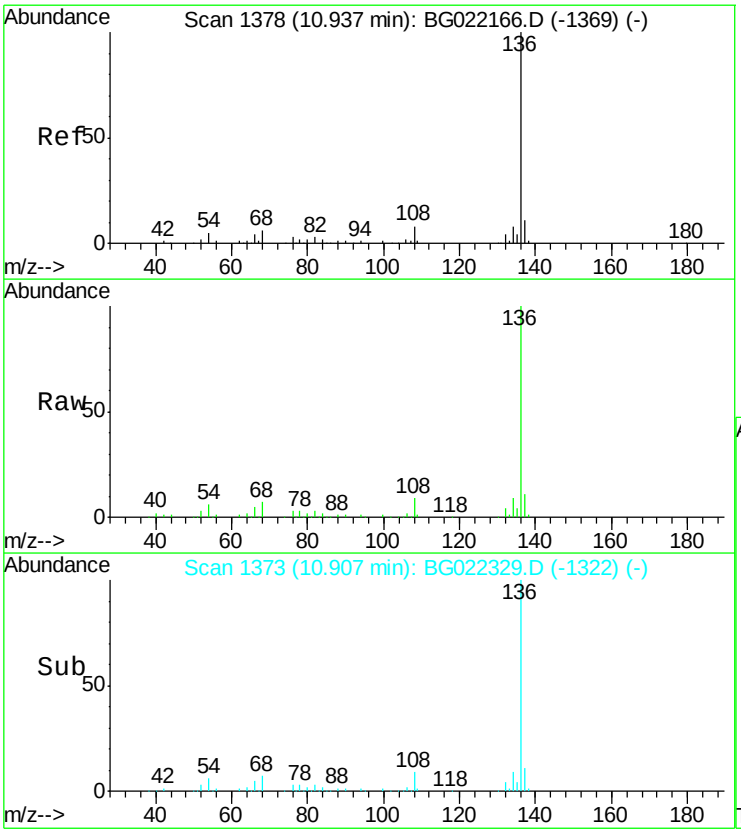
#7
Phenol-d6
Concen: 98.49 ng
RT: 7.25 min Scan# 751
Delta R.T. 0.00 min
Lab File: BG022329.D
Acq: 13 Jun 2016 18:17

Instrument :
BNA_G
ClientSampleId :
S7-B4(0-6)C

Tgt Ion: 99 Resp: 320553

Ion	Ratio	Lower	Upper
99	100		
42	10.2	16.4	24.6#
71	25.7	25.0	37.4

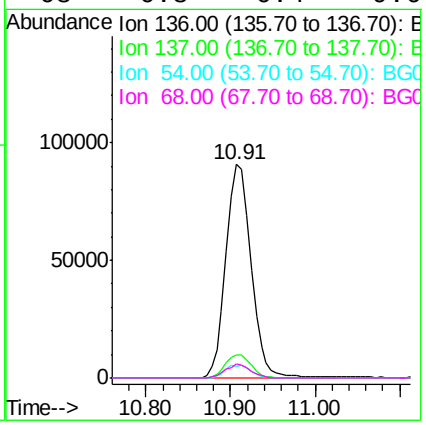


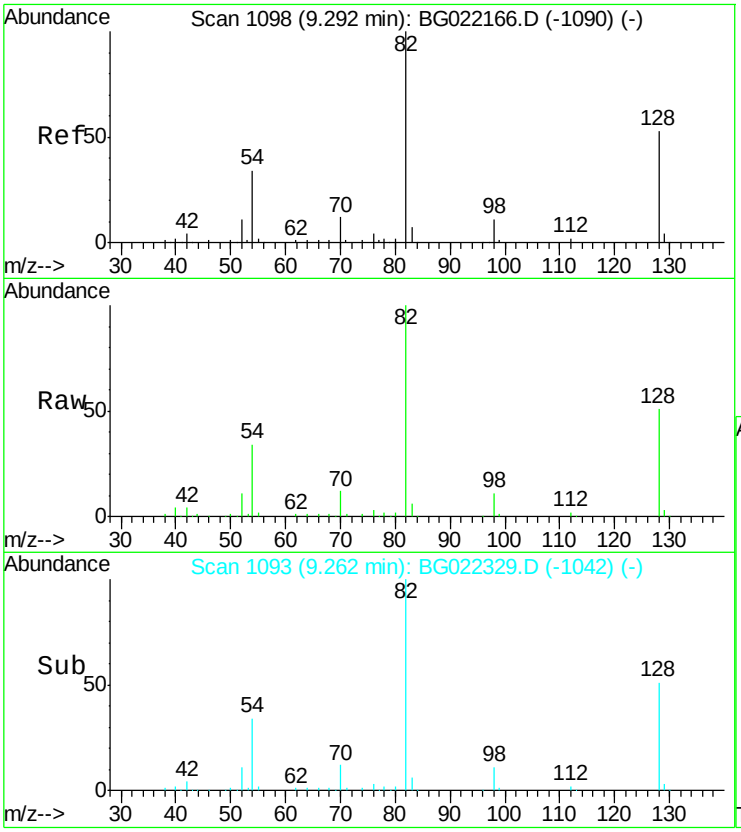


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.91 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BG022329.D
Acq: 13 Jun 2016 18:17

Tgt Ion:136 Resp: 188304

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	5.7	9.6	14.4#
68	6.8	6.4	9.6



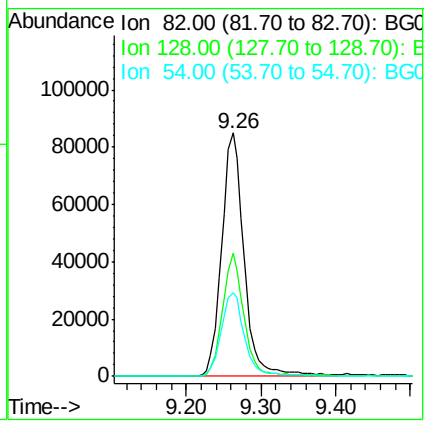


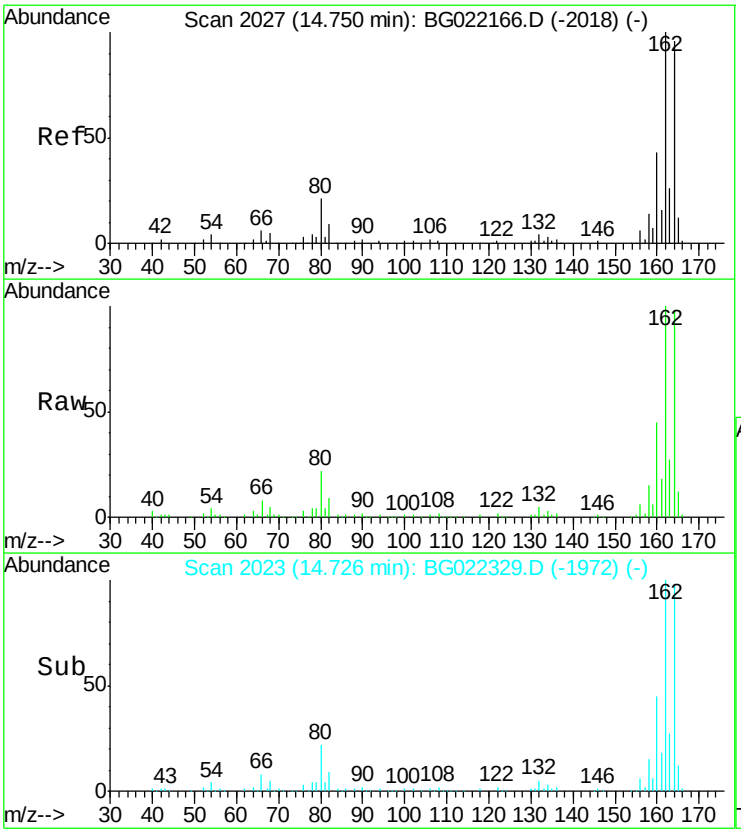
#23
Nitrobenzene-d5
Concen: 65.92 ng
RT: 9.26 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BG022329.D
Acq: 13 Jun 2016 18:17

Instrument :
BNA_G
ClientSampleId :
S7-B4(0-6)C

Tgt Ion: 82 Resp: 178034

Ion	Ratio	Lower	Upper
82	100		
128	50.5	33.4	50.0#
54	34.5	46.1	69.1#

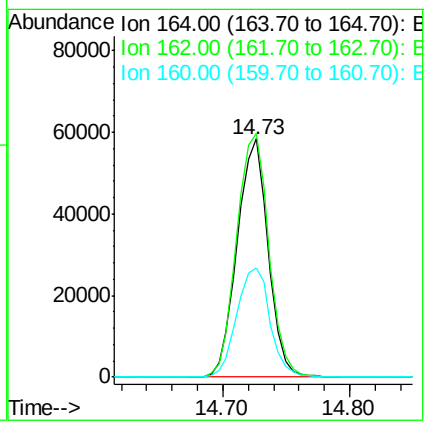


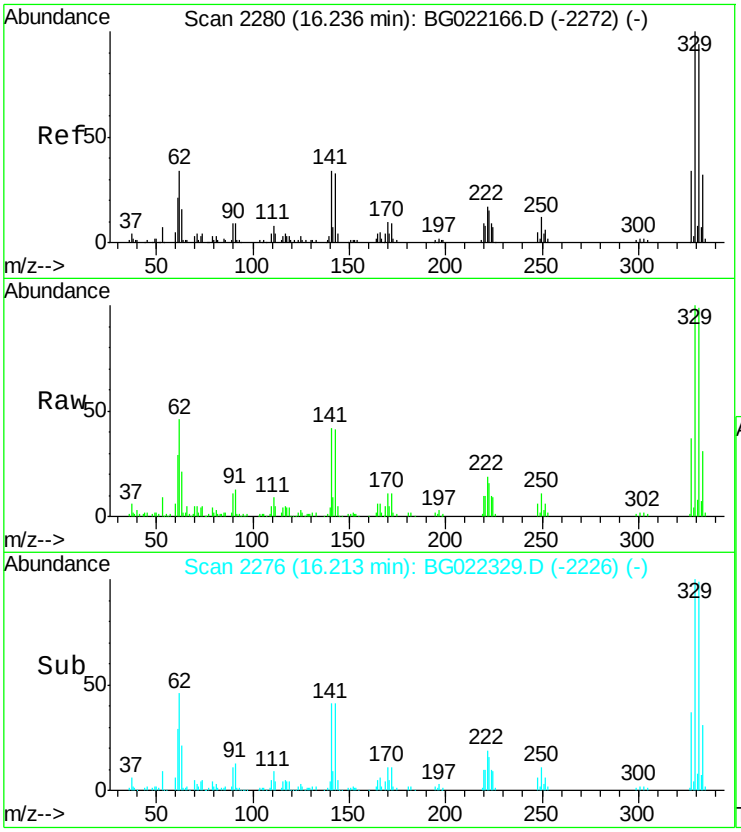


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BG022329.D
Acq: 13 Jun 2016 18:17

Tgt Ion:164 Resp: 98443

Ion	Ratio	Lower	Upper
164	100		
162	102.2	78.0	117.0
160	45.8	32.9	49.3



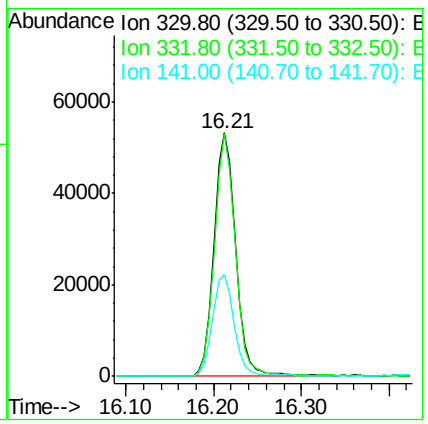


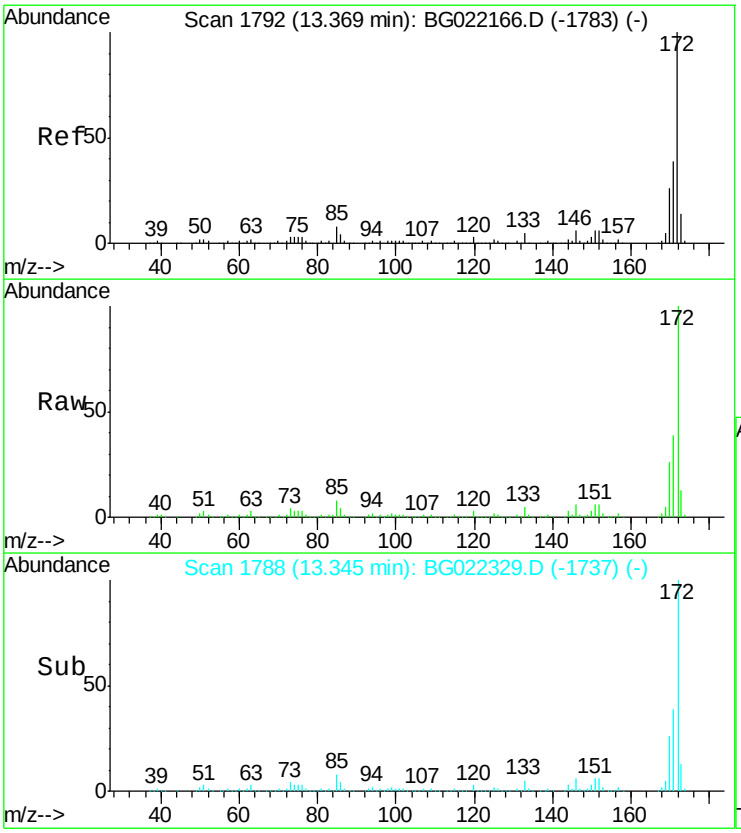
#41
2,4,6-Tribromophenol
Concen: 83.06 ng
RT: 16.21 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BG022329.D
Acq: 13 Jun 2016 18:17

Instrument :
BNA_G
ClientSampleId :
S7-B4(0-6)C

Tgt Ion:330 Resp: 92394

Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.0	117.0
141	42.4	33.8	50.8

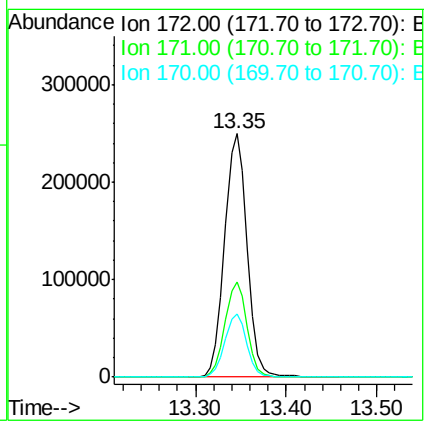


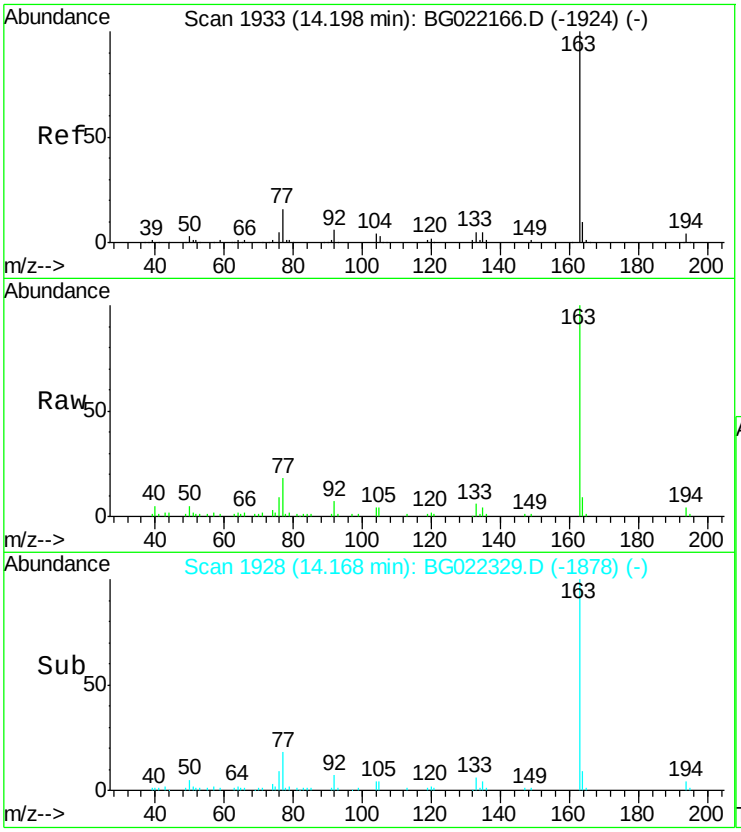


#44
2-Fluorobiphenyl
Concen: 66.57 ng
RT: 13.35 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BG022329.D
Acq: 13 Jun 2016 18:17

Tgt Ion:172 Resp: 430040

Ion	Ratio	Lower	Upper
172	100		
171	39.0	27.8	41.6
170	26.0	19.6	29.4



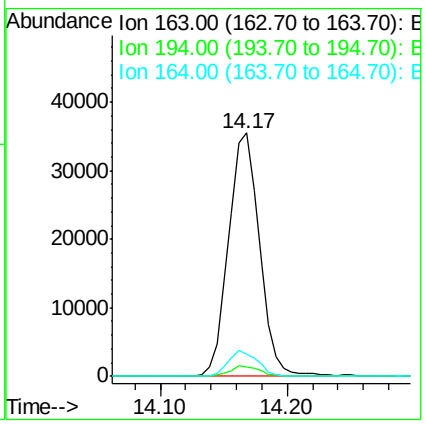


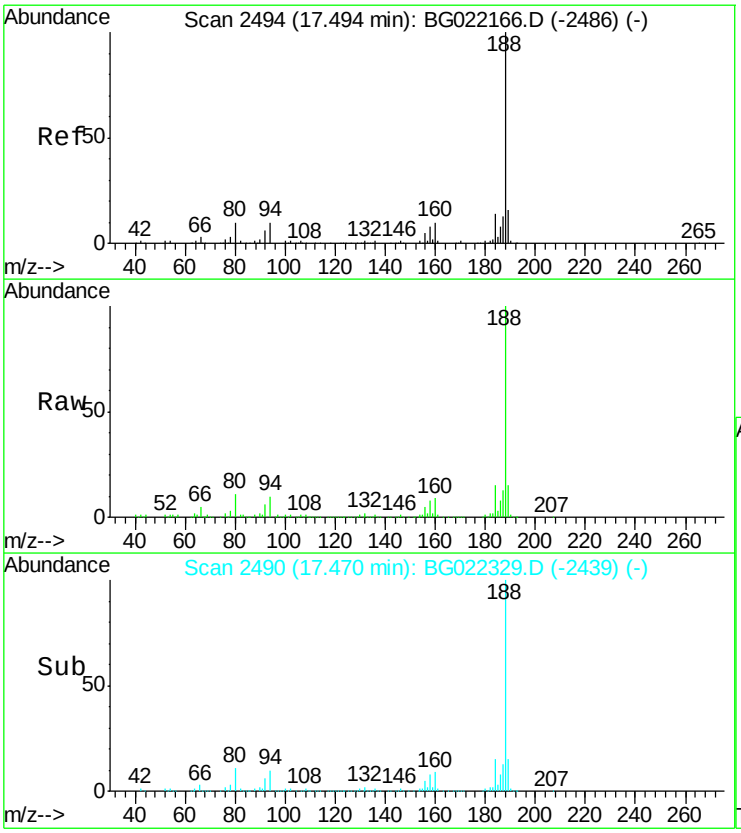
#49
Dimethylphthalate
Concen: 7.35 ng
RT: 14.17 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BG022329.D
Acq: 13 Jun 2016 18:17

Instrument :
BNA_G
ClientSampleId :
S7-B4(0-6)C

Tgt Ion:163 Resp: 59954

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	9.1	8.1	12.1

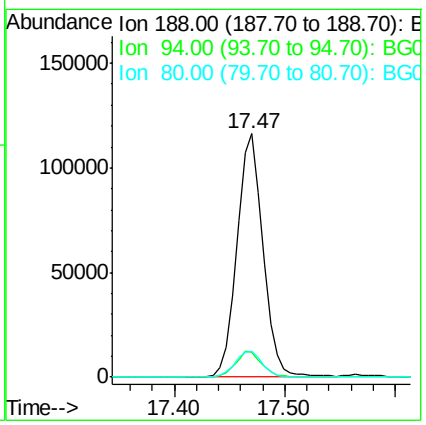


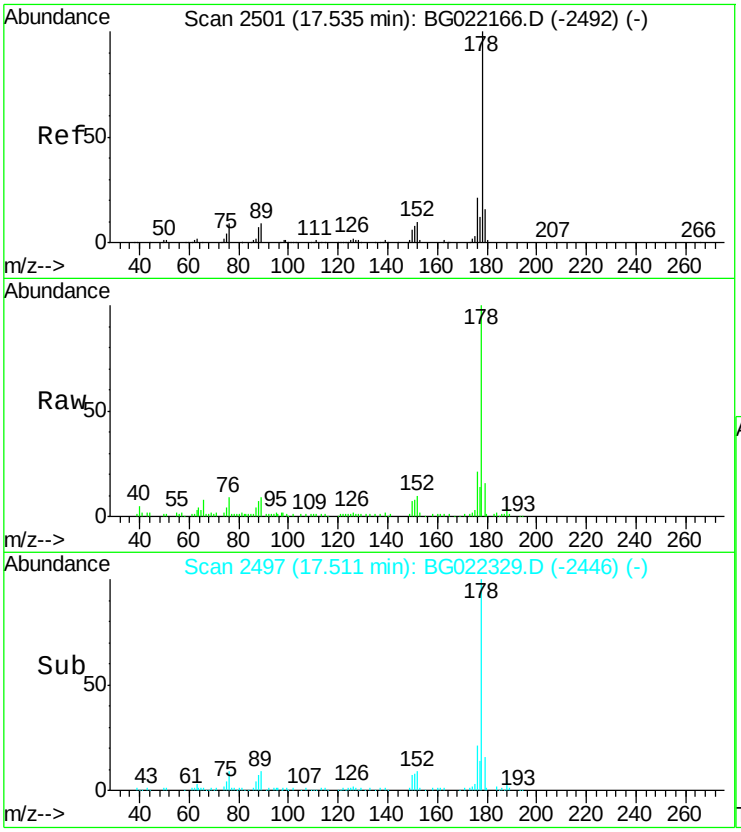


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2490
Delta R.T. 0.00 min
Lab File: BG022329.D
Acq: 13 Jun 2016 18:17

Tgt Ion:188 Resp: 192742

Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.5	11.3
80	10.5	8.6	13.0



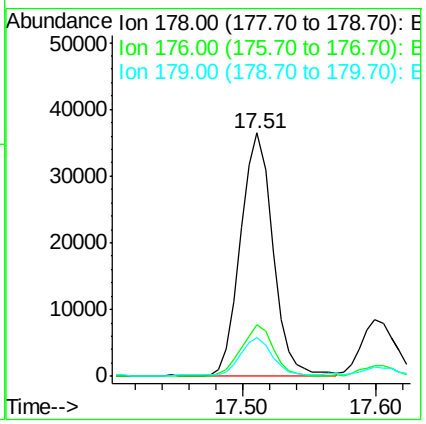


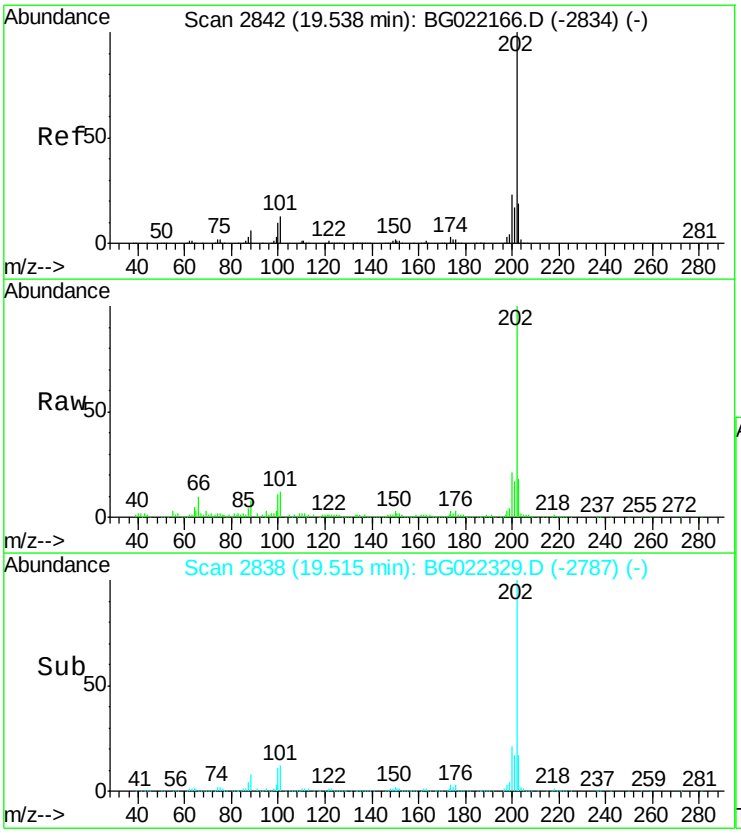
#70
Phenanthrene
Concen: 5.87 ng
RT: 17.51 min Scan# 2497
Delta R.T. 0.00 min
Lab File: BG022329.D
Acq: 13 Jun 2016 18:17

Instrument :
BNA_G
ClientSampleId :
S7-B4(0-6)C

Tgt Ion:178 Resp: 61463

Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.2	24.4
179	15.7	12.0	18.0

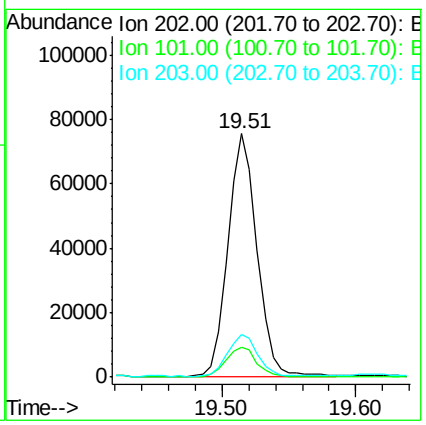


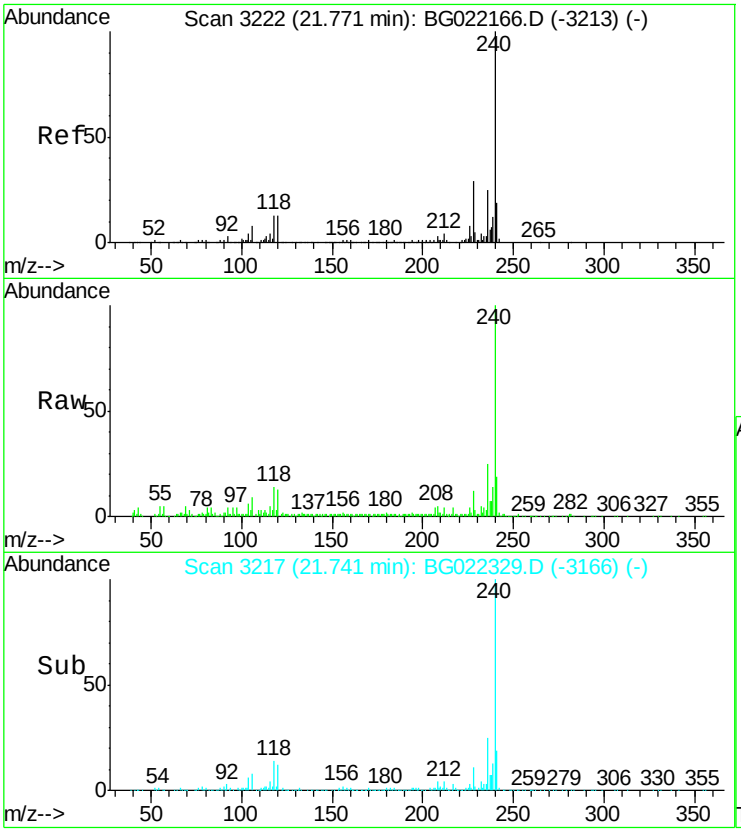


#74
Fluoranthene
Concen: 9.47 ng
RT: 19.51 min Scan# 2838
Delta R.T. 0.00 min
Lab File: BG022329.D
Acq: 13 Jun 2016 18:17

Tgt Ion:202 Resp: 114013

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.0
203	17.6	0.0	37.9



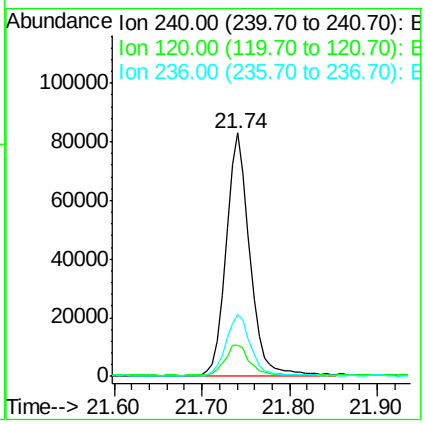


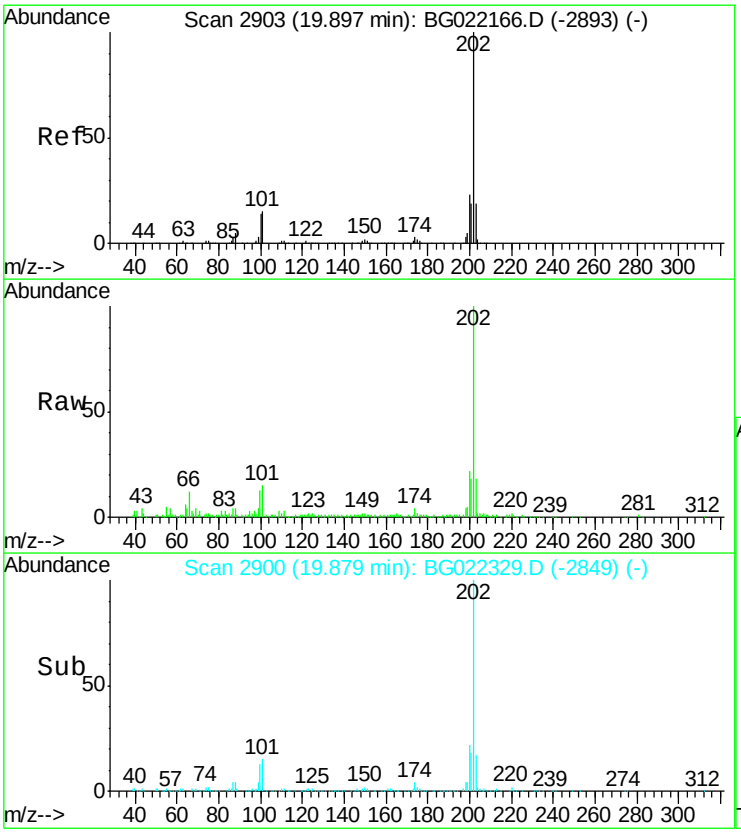
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.74 min Scan# 3217
Delta R.T. 0.00 min
Lab File: BG022329.D
Acq: 13 Jun 2016 18:17

Instrument :
BNA_G
ClientSampleId :
S7-B4(0-6)C

Tgt Ion:240 Resp: 151833

Ion	Ratio	Lower	Upper
240	100		
120	12.9	8.4	12.6#
236	25.5	19.6	29.4

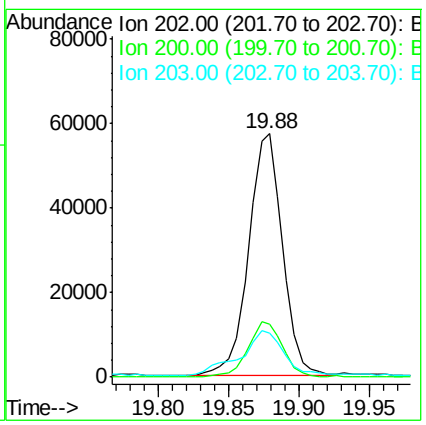


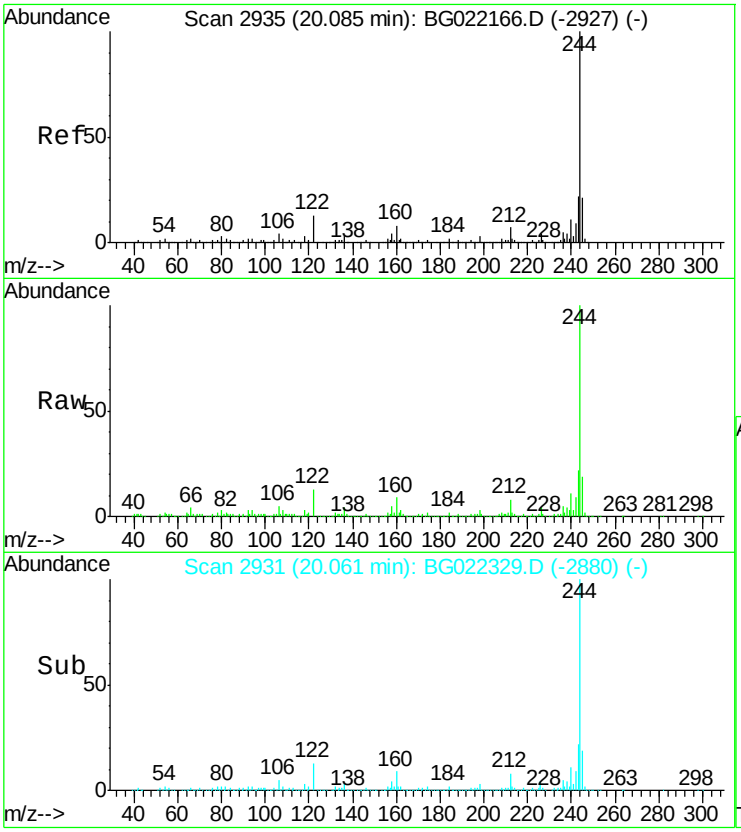


#77
Pyrene
Concen: 10.30 ng
RT: 19.88 min Scan# 2900
Delta R.T. 0.00 min
Lab File: BG022329.D
Acq: 13 Jun 2016 18:17

Tgt Ion:202 Resp: 97214

Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.2	27.2
203	18.1	15.0	22.4



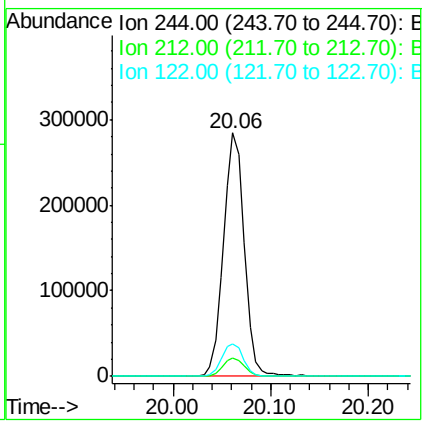


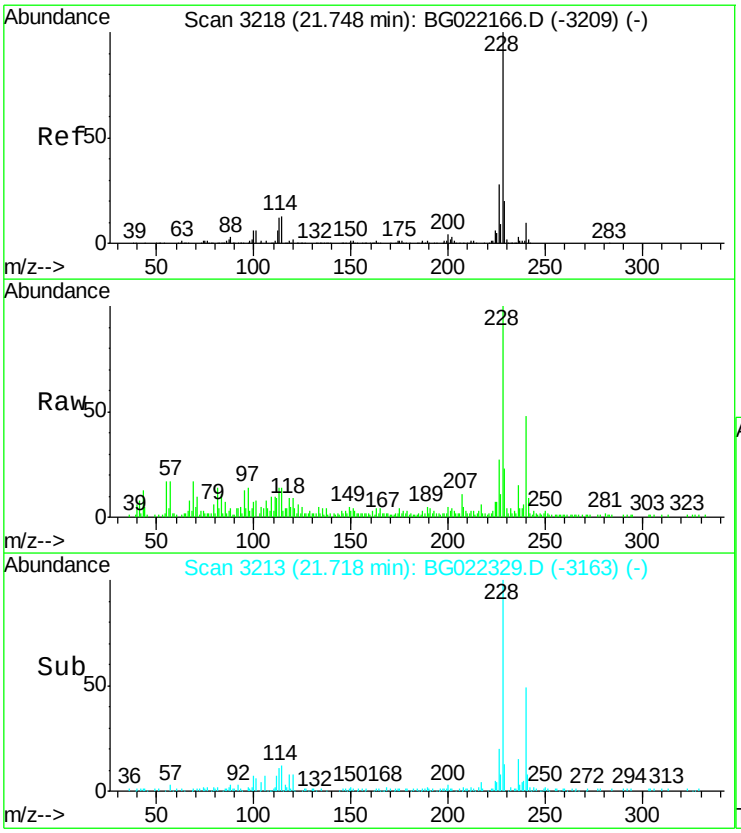
#78
Terphenyl-d14
Concen: 65.83 ng
RT: 20.06 min Scan# 2931
Delta R.T. 0.00 min
Lab File: BG022329.D
Acq: 13 Jun 2016 18:17

Instrument :
BNA_G
ClientSampleId :
S7-B4(0-6)C

Tgt Ion:244 Resp: 420998

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	13.3	8.6	12.8#

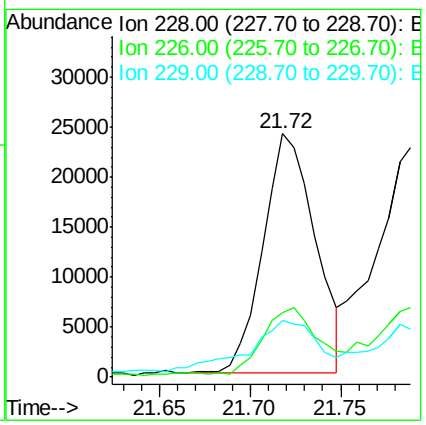


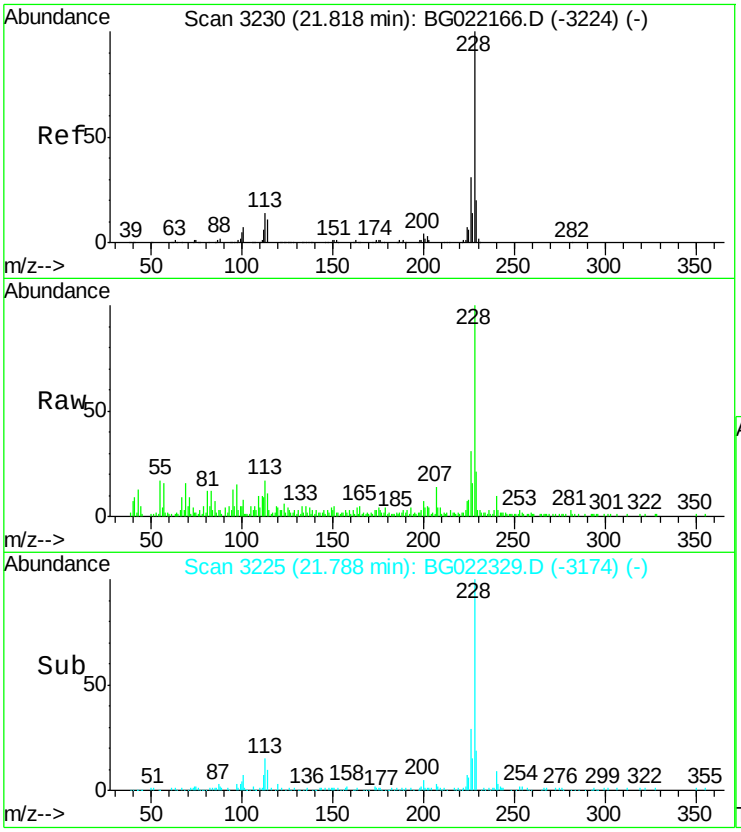


#80
Benzo(a)anthracene
Concen: 5.62 ng
RT: 21.72 min Scan# 3213
Delta R.T. -0.00 min
Lab File: BG022329.D
Acq: 13 Jun 2016 18:17

Tgt Ion:228 Resp: 47813

Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.6	34.0
229	23.1	16.1	24.1



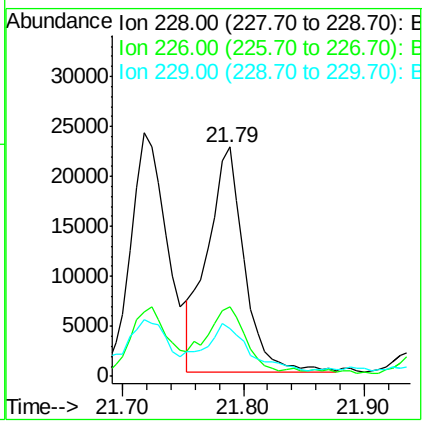


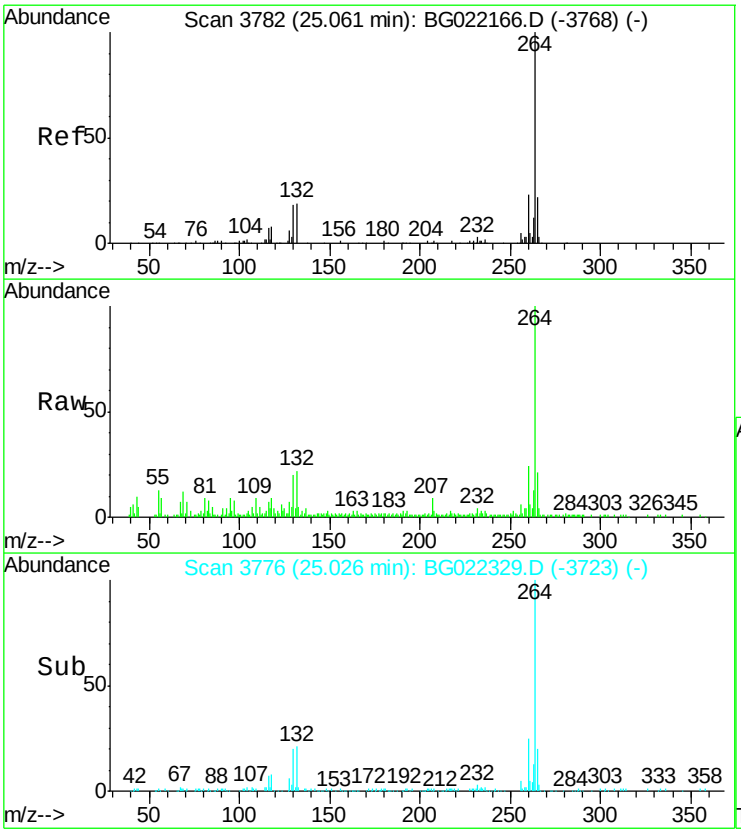
#82
Chrysene
Concen: 5.78 ng
RT: 21.79 min Scan# 3225
Delta R.T. 0.00 min
Lab File: BG022329.D
Acq: 13 Jun 2016 18:17

Instrument :
BNA_G
ClientSampleId :
S7-B4(0-6)C

Tgt Ion:228 Resp: 47928

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.4	38.0
229	21.1	15.9	23.9

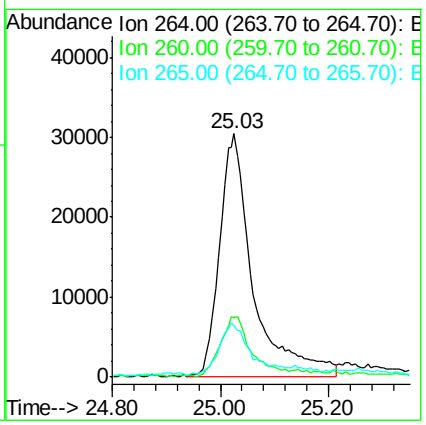


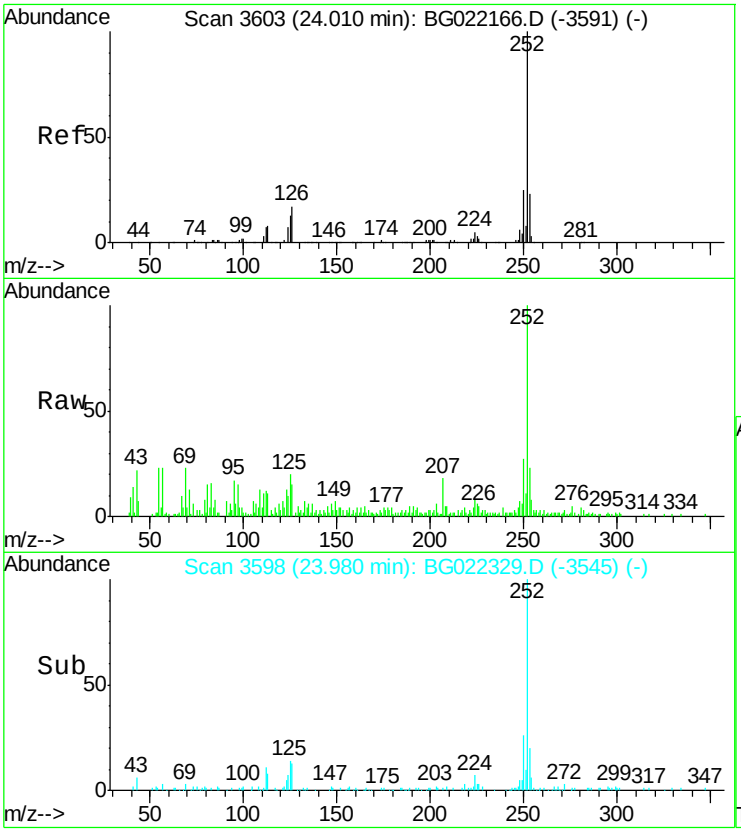


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3776
Delta R.T. 0.01 min
Lab File: BG022329.D
Acq: 13 Jun 2016 18:17

Tgt Ion:264 Resp: 132885

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.2	30.4
265	21.3	17.8	26.8



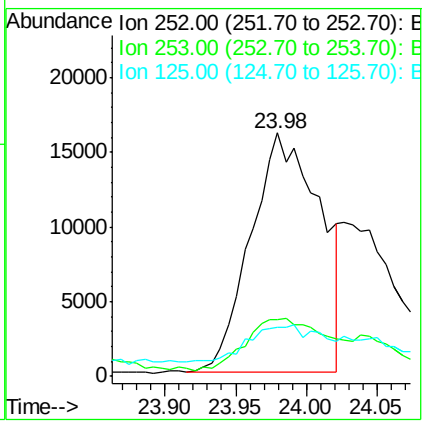


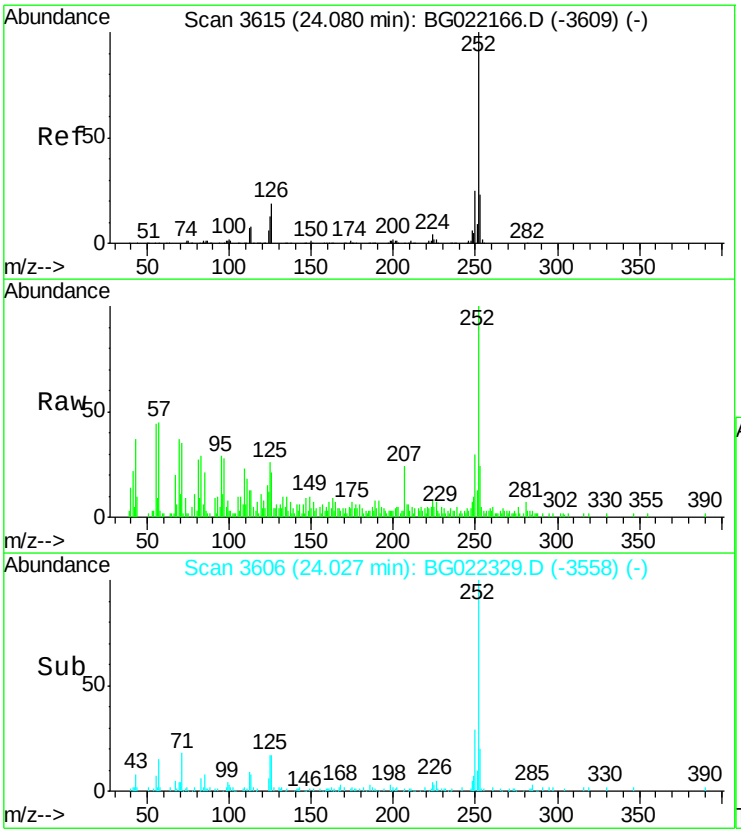
#87
Benzo(b)fluoranthene
Concen: 7.07 ng
RT: 23.98 min Scan# 3598
Delta R.T. 0.01 min
Lab File: BG022329.D
Acq: 13 Jun 2016 18:17

Instrument :
BNA_G
ClientSampleId :
S7-B4(0-6)C

Tgt Ion:252 Resp: 54757

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	20.4	8.6	13.0#

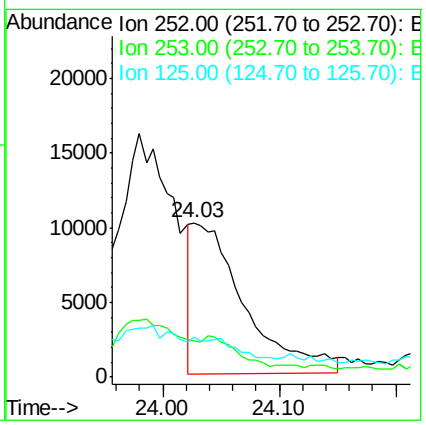


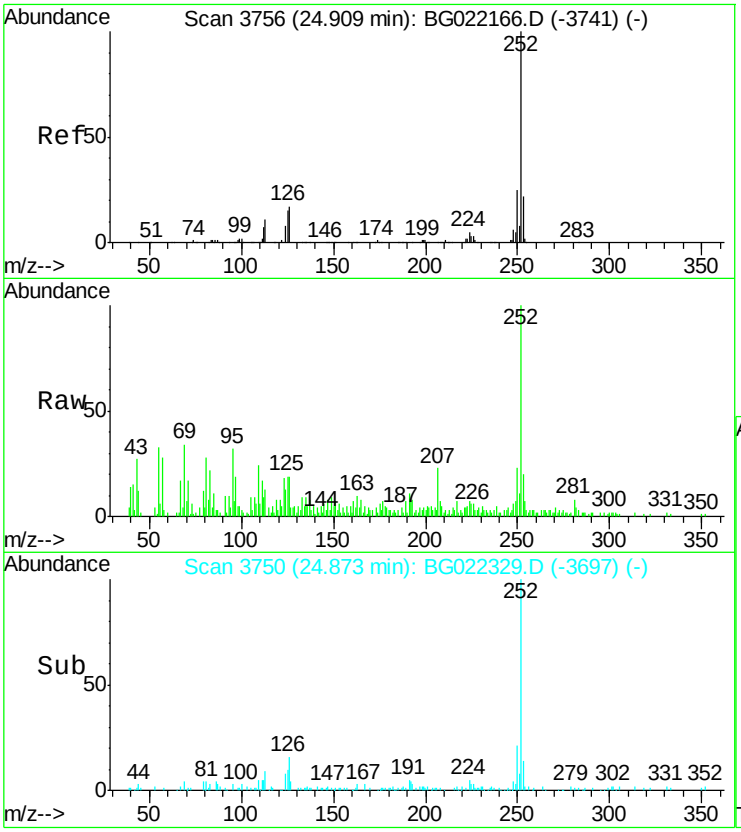


#88
Benzo(k)fluoranthene
Concen: 4.19 ng m
RT: 24.03 min Scan# 3606
Delta R.T. -0.02 min
Lab File: BG022329.D
Acq: 13 Jun 2016 18:17

Tgt Ion:252 Resp: 31945

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	25.9	8.3	12.5#



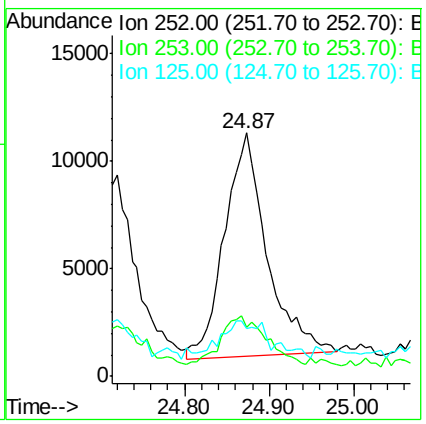


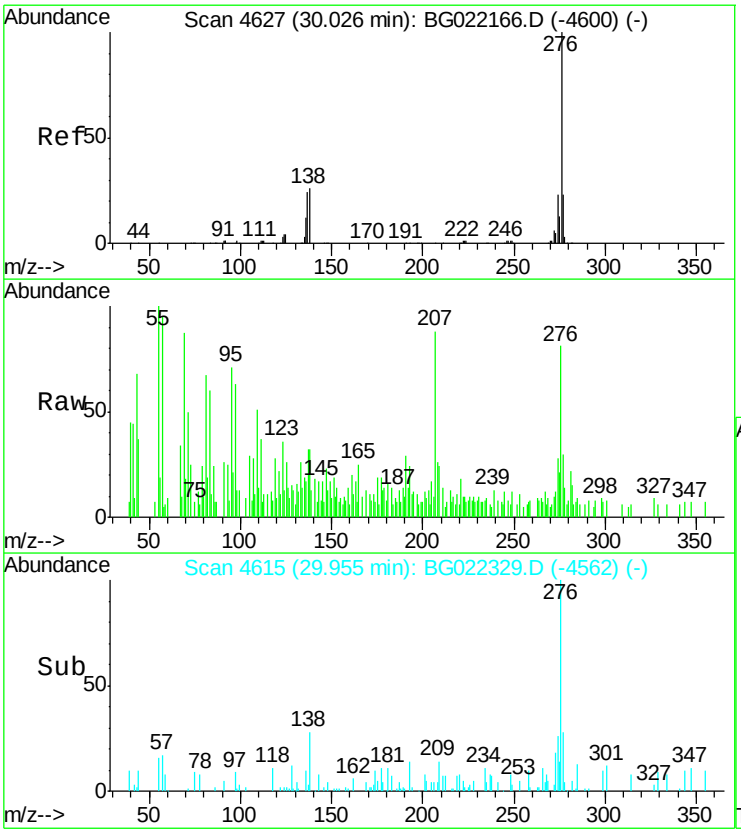
#89
Benzo(a)pyrene
Concen: 4.86 ng
RT: 24.87 min Scan# 3750
Delta R.T. 0.01 min
Lab File: BG022329.D
Acq: 13 Jun 2016 18:17

Instrument :
BNA_G
ClientSampleId :
S7-B4(0-6)C

Tgt Ion:252 Resp: 36012

Ion	Ratio	Lower	Upper
252	100		
253	20.2	17.1	25.7
125	19.4	9.6	14.4#





#91
Benzo(g,h,i)perylene
Concen: 2.27 ng m
RT: 29.96 min Scan# 4615
Delta R.T. 0.01 min
Lab File: BG022329.D
Acq: 13 Jun 2016 18:17

Tgt Ion:276 Resp: 16482

Ion	Ratio	Lower	Upper
276	100		
277	36.7	19.4	29.2#
138	39.6	17.4	26.0#