Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012117\
Data File : BG025577.D
Acq On : 21 Jan 2017 17:25
Operator : UM/SJ
Sample : I1329-15
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T2-0-2FT-COMP

Quant Time: Jan 23 00:58:36 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	75542	20.00	ng		-0.02
21) Naphthalene-d8	11.01	136	344107	20.00	ng		-0.02
38) Acenaphthene-d10	14.81	164	261991	20.00	ng		-0.01
63) Phenanthrene-d10	17.55	188	582930	20.00	ng		-0.02
75) Chrysene-d12	21.85	240	704226	20.00	ng		-0.01
86) Perylene-d12	25.24	264	755807	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	668828	160.93	ng		-0.01
7) Phenol-d6	7.34	99	949745	162.26	ng		-0.01
23) Nitrobenzene-d5	9.36	82	719455	92.36	ng		-0.02
41) 2,4,6-Tribromophenol	16.30	330	549438	130.26	ng		-0.01
44) 2-Fluorobiphenyl	13.43	172	1206617	74.56	ng		-0.02
78) Terphenyl-d14	20.14	244	1800310	67.78	ng		-0.01
Target Compounds							Qvalue
10) Phenol	7.37	94	50732	7.82	ng		89
40) Hexachlorocyclopentadiene	12.93	237	59	8.53	ng	#	29
49) Dimethylphthalate	14.25	163	111401	5.83	ng		100
53) 2,4-Dinitrophenol	15.08	184	106	5.11	ng		90
57) Fluorene	15.86	166	53775	2.91	ng		92
70) Phenanthrene	17.60	178	1290884	42.97	ng		96
71) Anthracene	17.69	178	372905	12.22	ng		95
72) Carbazole	17.97	167	57304	2.10	ng		96
74) Fluoranthene	19.60	202	2997653	75.55	ng		96
77) Pyrene	19.96	202	2586448	70.27	ng		95
80) Benzo(a)anthracene	21.82	228	1616324	41.15	ng		98
82) Chrysene	21.90	228	1451943	38.55	ng		98
85) Indeno(1,2,3-cd)pyrene	29.14	276	933360	19.49	ng	#	97
87) Benzo(b)fluoranthene	24.15	252	1817393	44.07	ng		99
88) Benzo(k)fluoranthene	24.15	252	1817393	45.63	ng		98
89) Benzo(a)pyrene	25.08	252	1358703	34.11	ng	#	95
90) Dibenzo(a,h)anthracene	29.17	278	262022	6.21	ng	#	90
91) Benzo(g,h,i)perylene	30.37	276	848240	20.22	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012117\
Data File : BG025577.D
Acq On : 21 Jan 2017 17:25
Operator : UM/SJ
Sample : I1329-15
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
T2-0-2FT-COMP

Quant Time: Jan 23 00:58:36 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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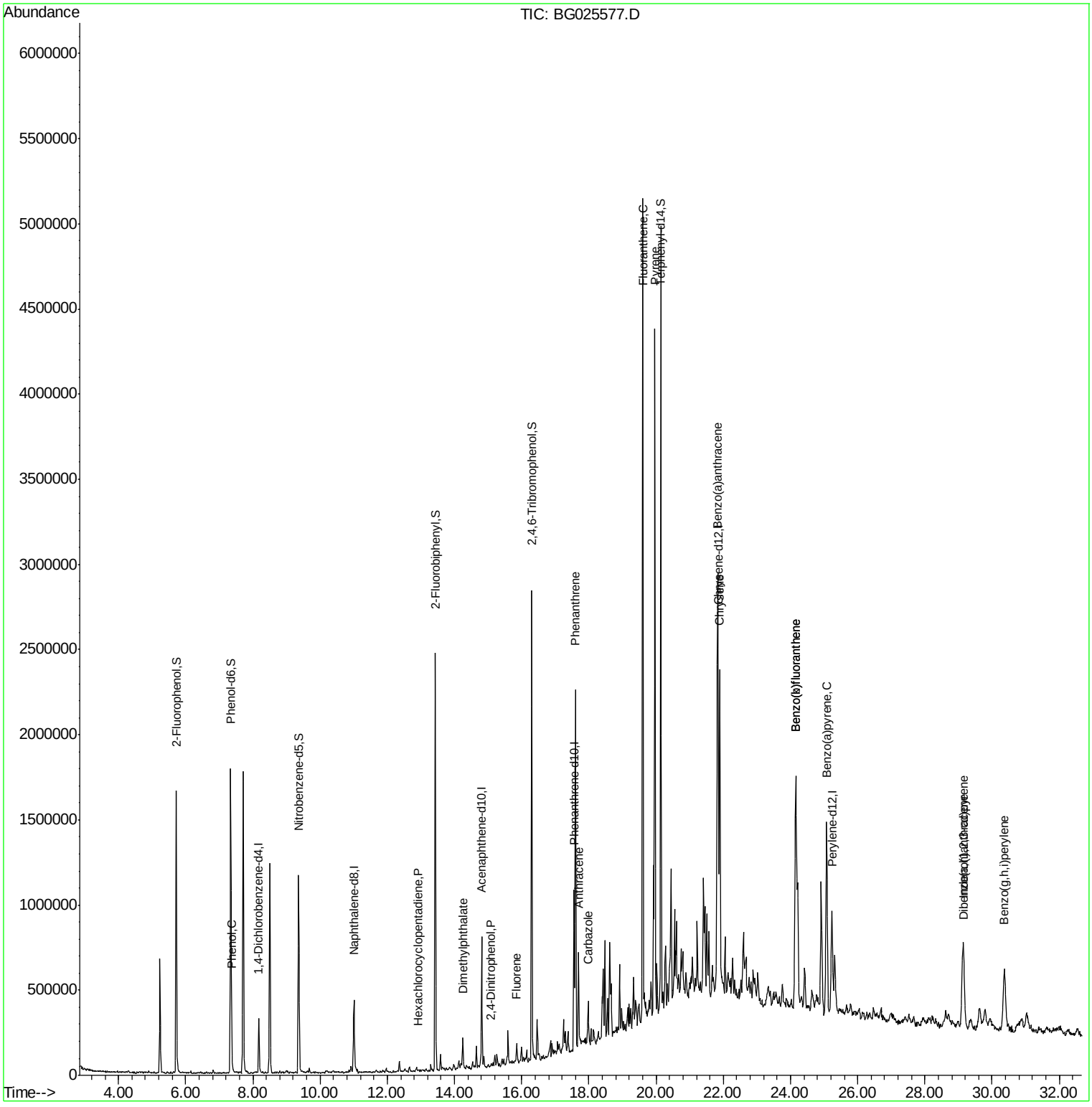
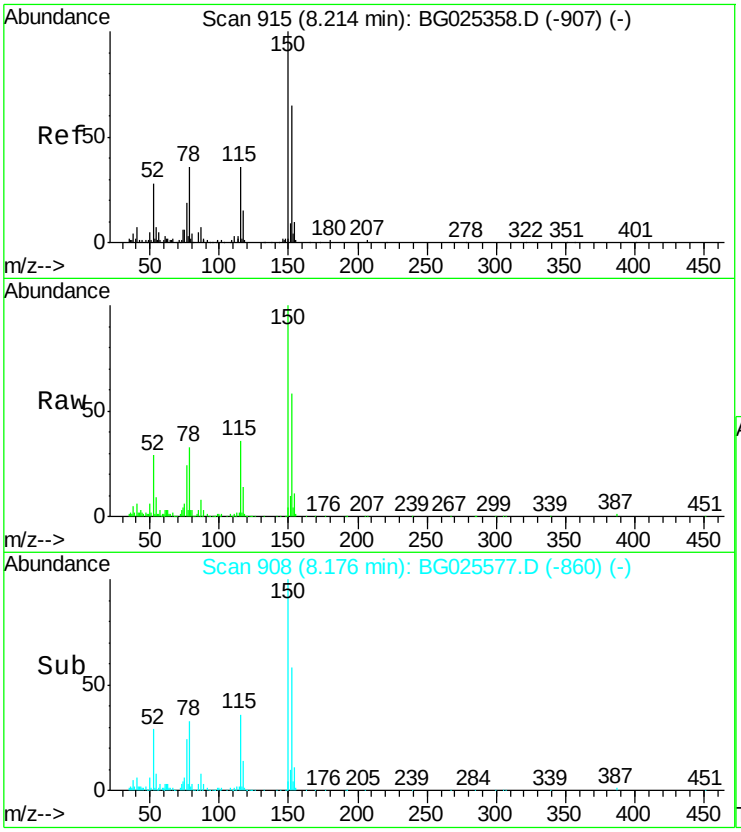


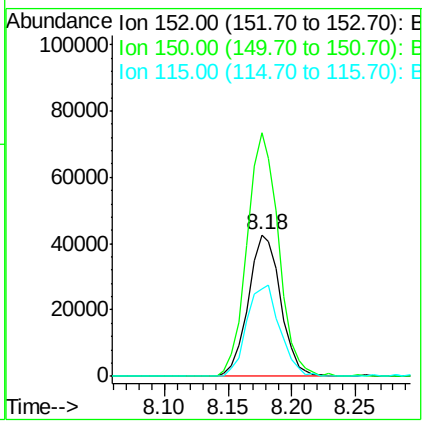


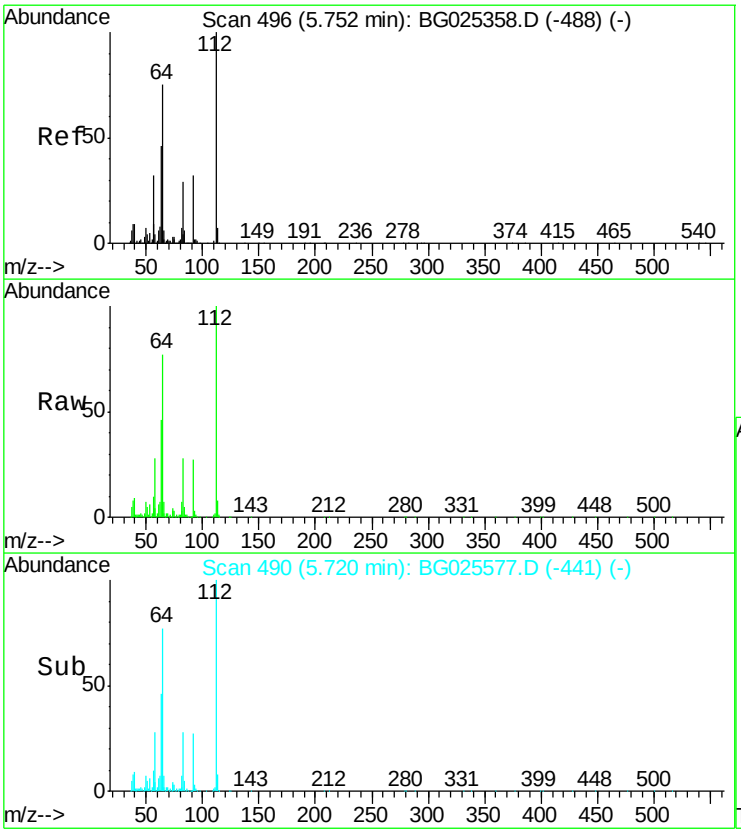
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.18 min Scan# 908
Delta R.T. -0.02 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Instrument :
BNA_G
ClientSampleId :
T2-0-2FT-COMP

Tgt Ion:152 Resp: 75542

Ion	Ratio	Lower	Upper
152	100		
150	171.9	114.0	171.0#
115	61.4	48.1	72.1

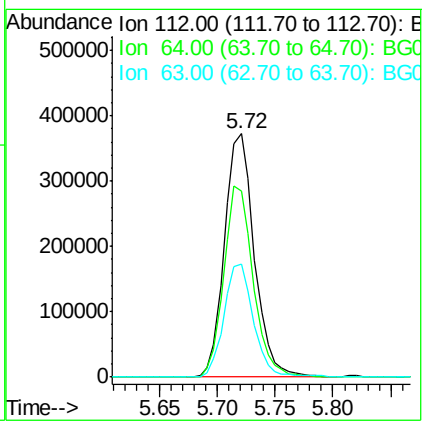


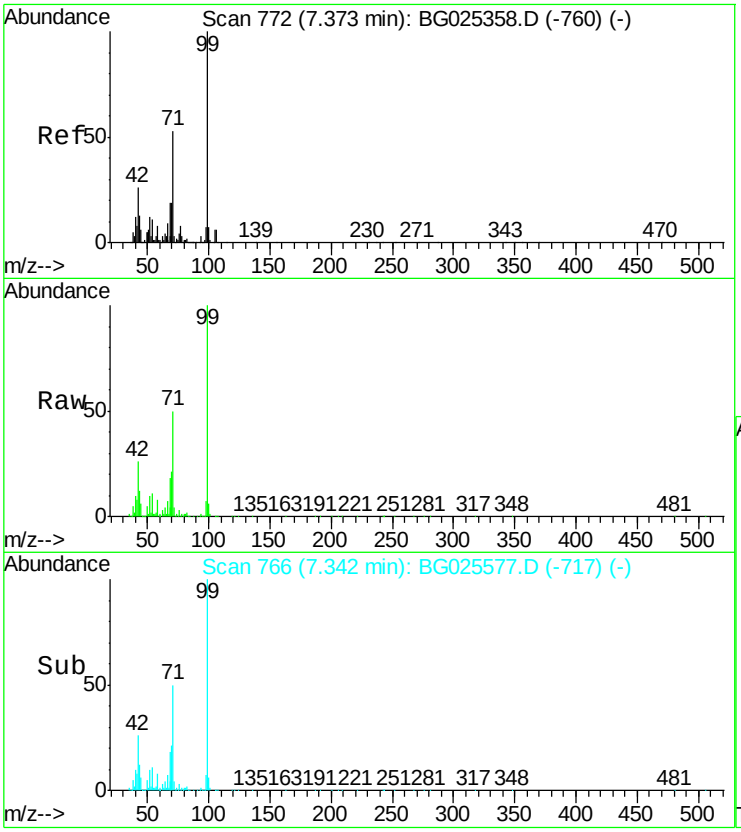


#5
2-Fluorophenol
Concen: 160.93 ng
RT: 5.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Tgt Ion:112 Resp: 668828

Ion	Ratio	Lower	Upper
112	100		
64	76.6	61.8	92.6
63	46.5	37.2	55.8



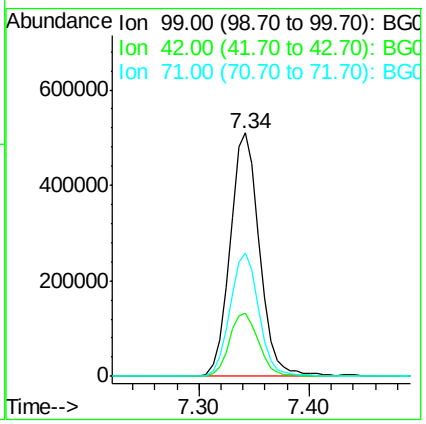


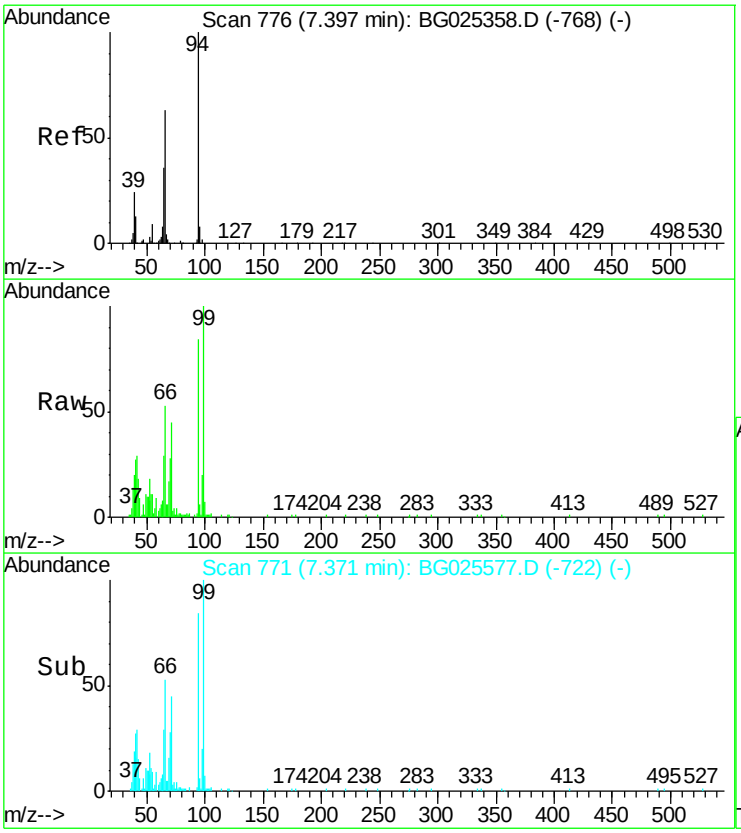
#7
Phenol-d6
Concen: 162.26 ng
RT: 7.34 min Scan# 766
Delta R.T. -0.01 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Instrument :
BNA_G
ClientSampleId :
T2-0-2FT-COMP

Tgt Ion: 99 Resp: 949745

Ion	Ratio	Lower	Upper
99	100		
42	26.1	20.5	30.7
71	50.4	37.6	56.4

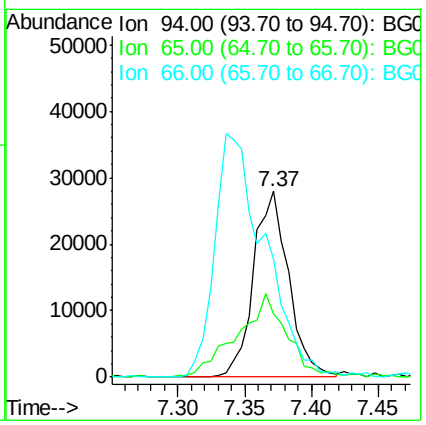


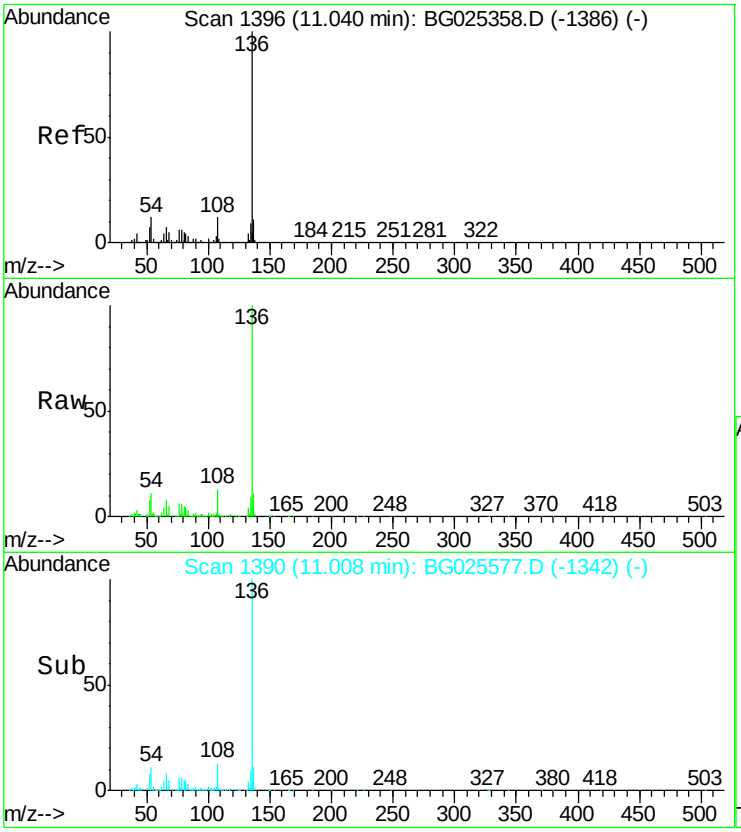


#10
Phenol
Concen: 7.82 ng
RT: 7.37 min Scan# 771
Delta R.T. -0.01 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Tgt Ion: 94 Resp: 50732

Ion	Ratio	Lower	Upper
94	100		
65	34.0	20.6	60.6
66	63.4	35.5	75.5



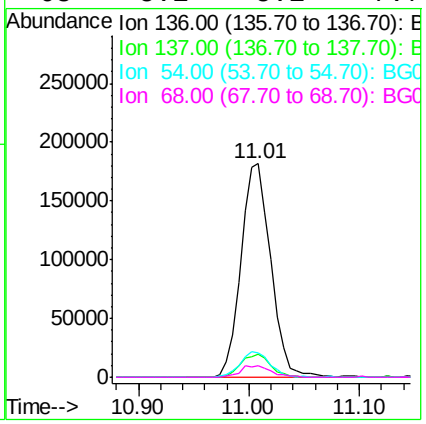


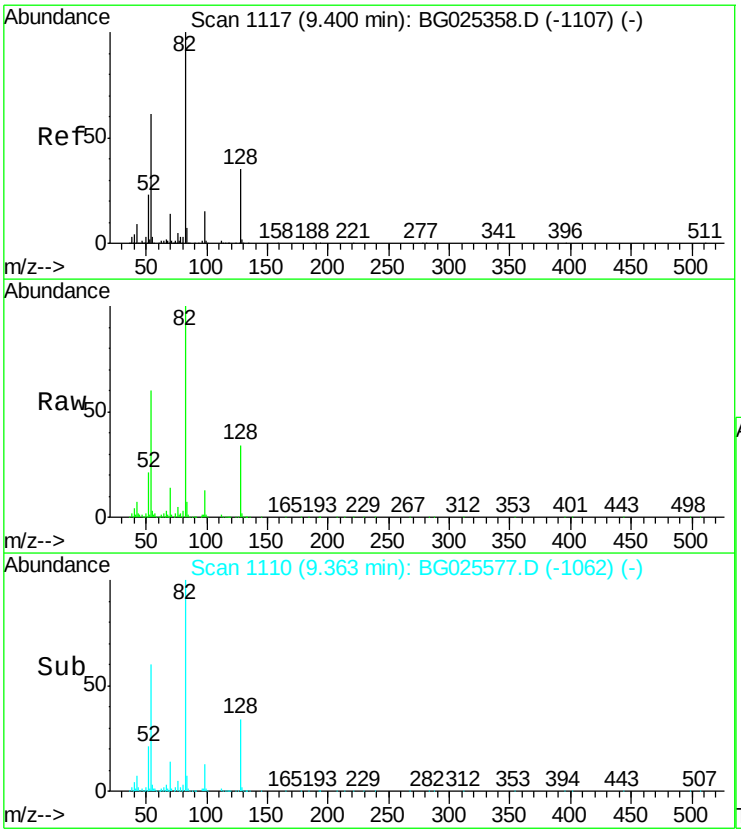
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.01 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Instrument :
BNA_G
ClientSampleId :
T2-0-2FT-COMP

Tgt Ion:136 Resp: 344107

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	11.3	9.3	13.9
68	5.1	5.1	7.7

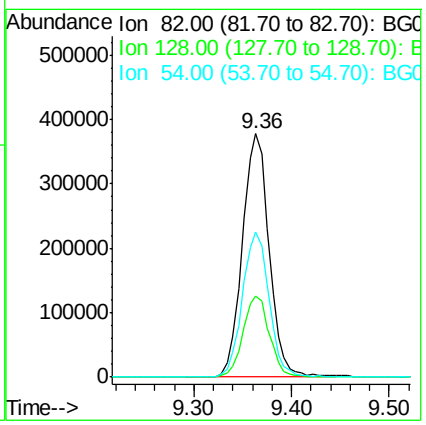


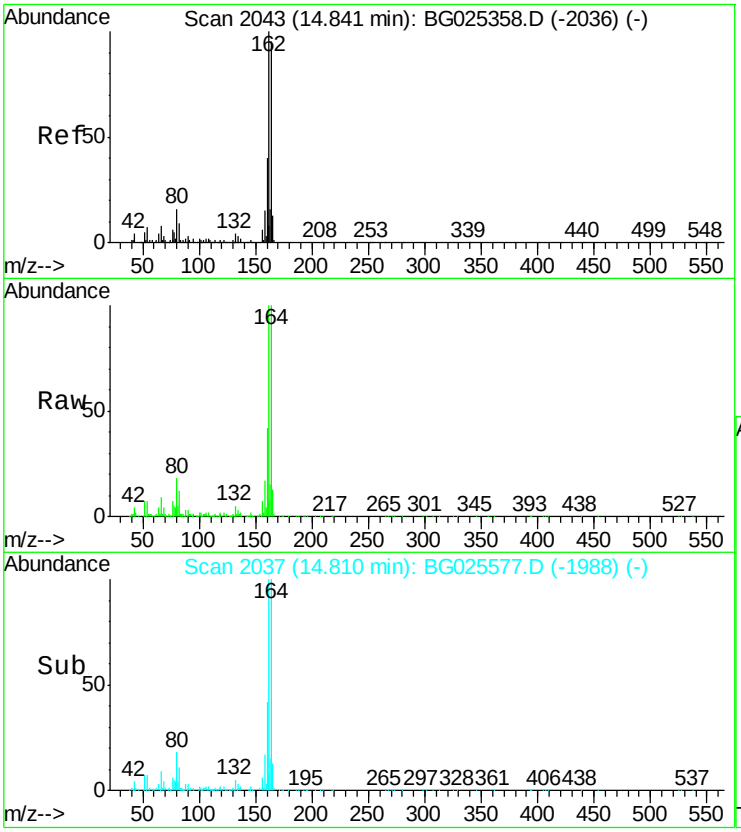


#23
Nitrobenzene-d5
Concen: 92.36 ng
RT: 9.36 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Tgt Ion: 82 Resp: 719455

Ion	Ratio	Lower	Upper
82	100		
128	33.5	26.4	39.6
54	59.5	49.4	74.2



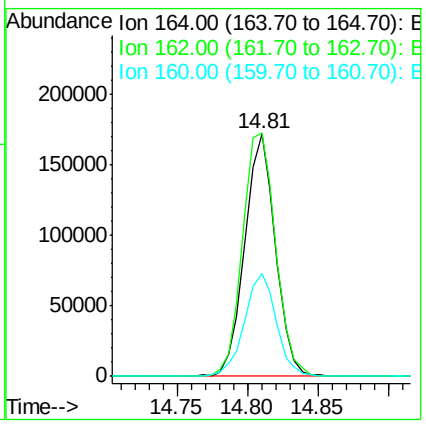


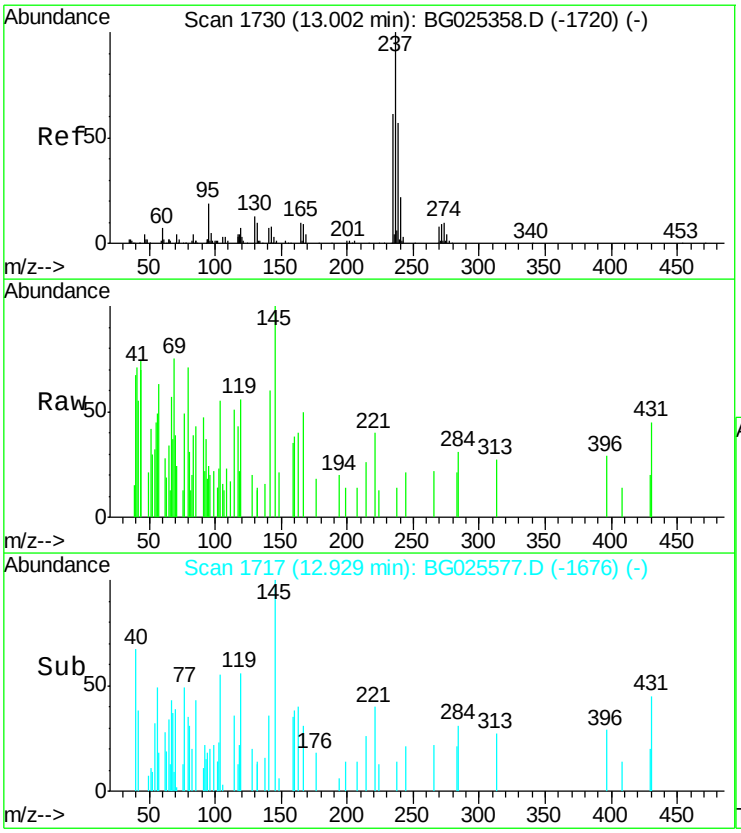
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Instrument :
BNA_G
ClientSampleId :
T2-0-2FT-COMP

Tgt Ion:164 Resp: 261991

Ion	Ratio	Lower	Upper
164	100		
162	100.3	85.1	127.7
160	42.2	34.7	52.1

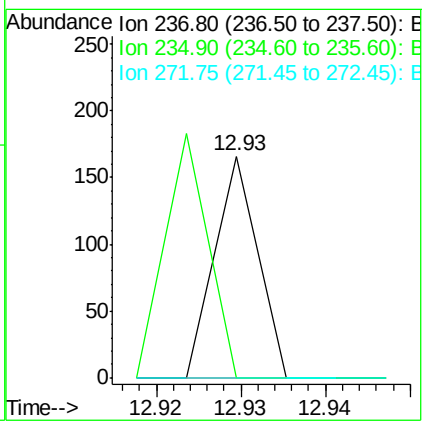


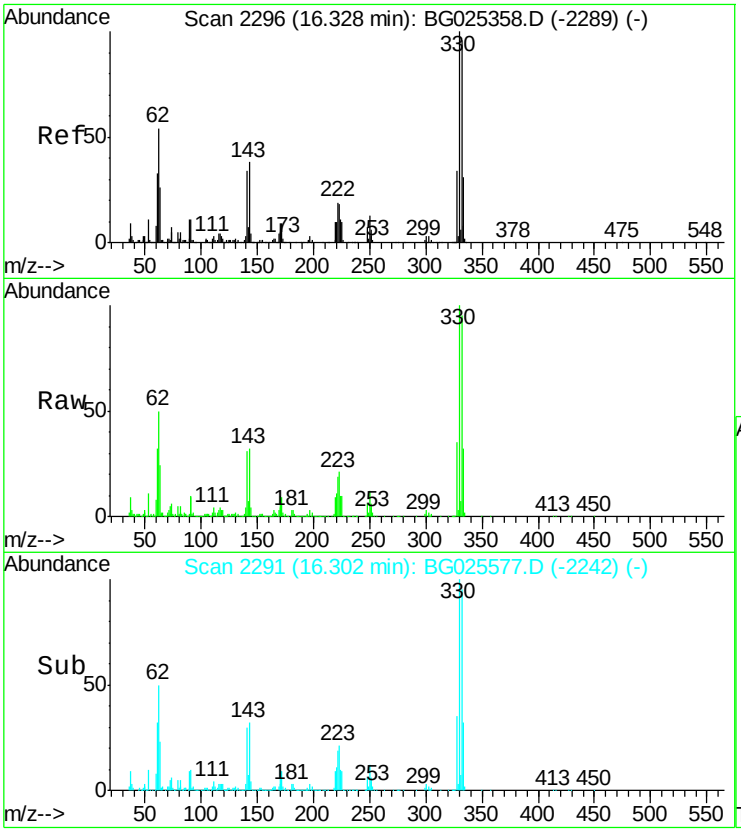


#40
Hexachlorocyclopentadiene
Concen: 8.53 ng
RT: 12.93 min Scan# 1717
Delta R.T. -0.06 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Tgt Ion:237 Resp: 59

Ion	Ratio	Lower	Upper
237	100		
235	0.0	39.4	79.4#
272	0.0	0.0	32.0



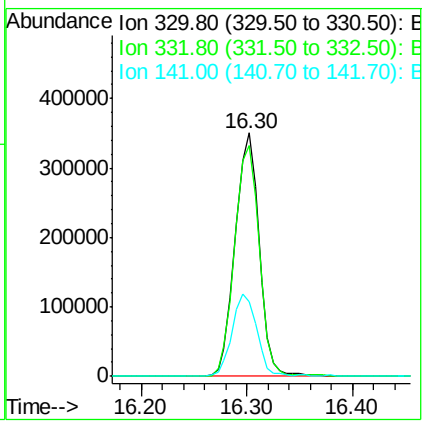


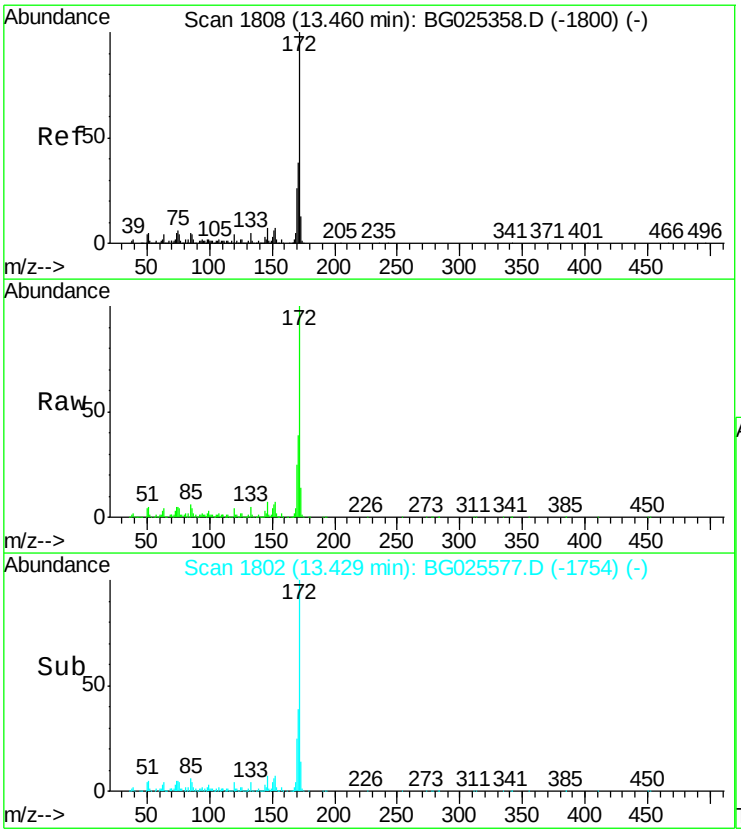
#41
2,4,6-Tribromophenol
Concen: 130.26 ng
RT: 16.30 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Instrument :
BNA_G
ClientSampleId :
T2-0-2FT-COMP

Tgt Ion:330 Resp: 549438

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.3	115.9
141	34.0	32.1	48.1

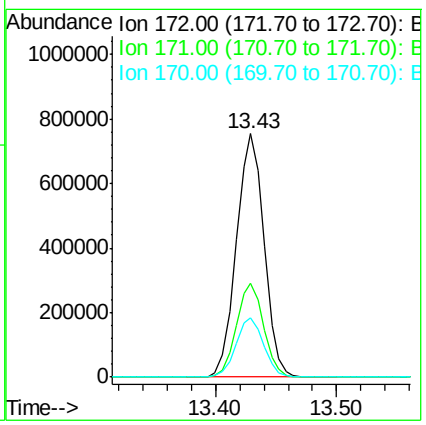


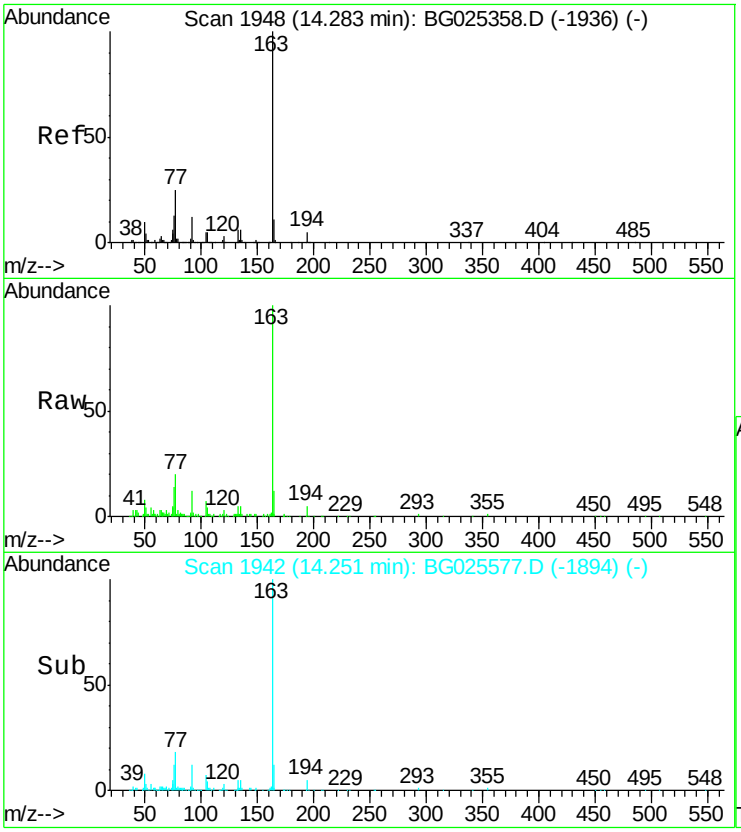


#44
2-Fluorobiphenyl
Concen: 74.56 ng
RT: 13.43 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Tgt Ion:172 Resp: 1206617

Ion	Ratio	Lower	Upper
172	100		
171	38.6	32.2	48.2
170	24.6	21.8	32.6



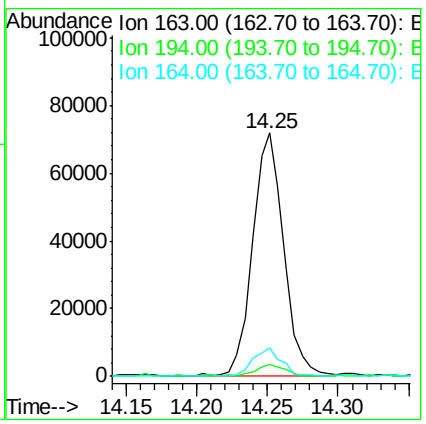


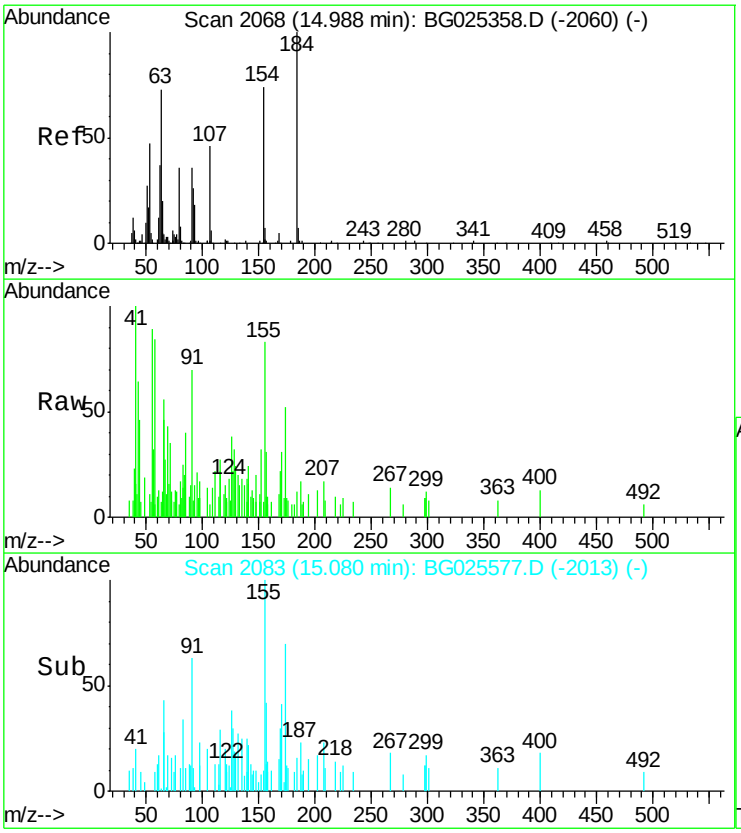
#49
Dimethylphthalate
Concen: 5.83 ng
RT: 14.25 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Instrument :
BNA_G
ClientSampleId :
T2-0-2FT-COMP

Tgt Ion:163 Resp: 111401

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.8	5.6
164	11.5	9.3	13.9

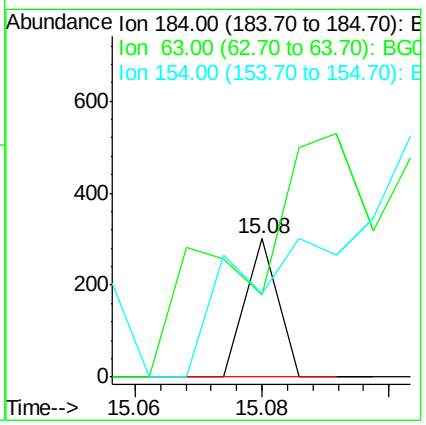


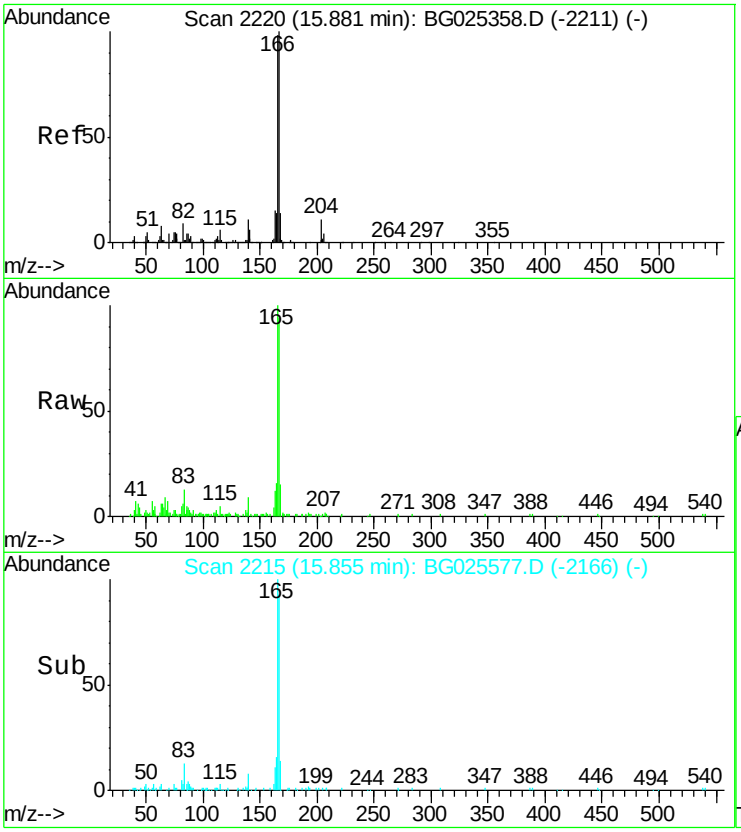


#53
2,4-Dinitrophenol
Concen: 5.11 ng
RT: 15.08 min Scan# 2083
Delta R.T. 0.11 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Tgt Ion:184 Resp: 106

Ion	Ratio	Lower	Upper
184	100		
63	60.0	52.7	79.1
154	60.7	57.3	85.9



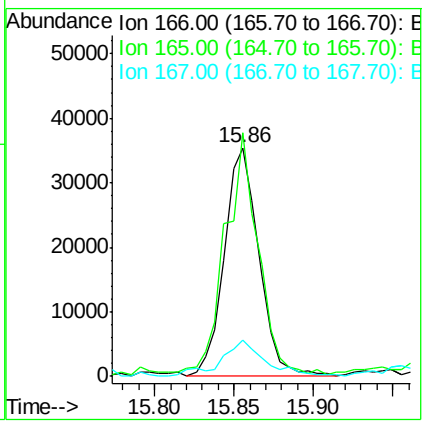


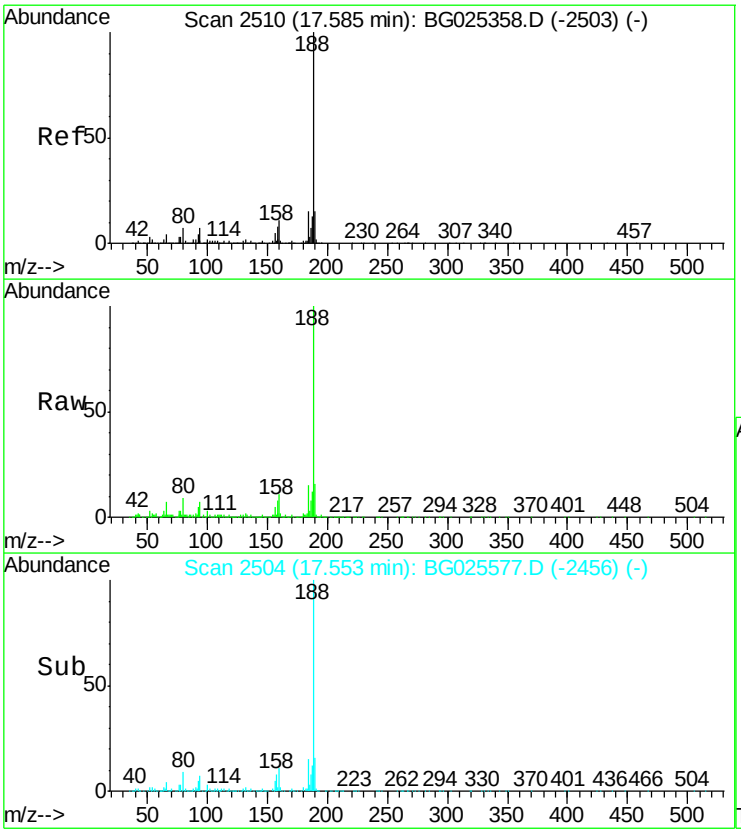
#57
Fluorene
Concen: 2.91 ng
RT: 15.86 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Instrument :
BNA_G
ClientSampleId :
T2-0-2FT-COMP

Tgt Ion:166 Resp: 53775

Ion	Ratio	Lower	Upper
166	100		
165	106.5	78.6	117.8
167	15.8	11.6	17.4

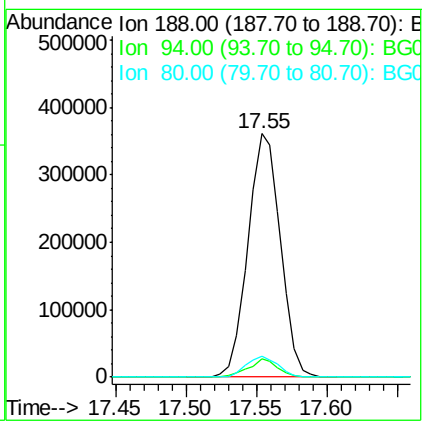


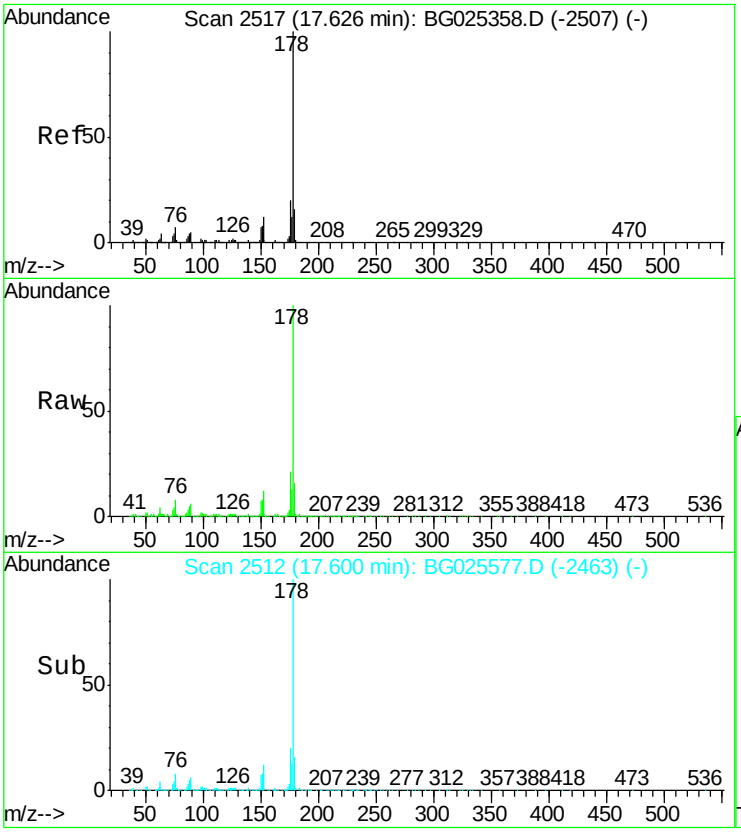


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.02 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Tgt Ion:188 Resp: 582930

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.8	8.8
80	8.6	7.5	11.3



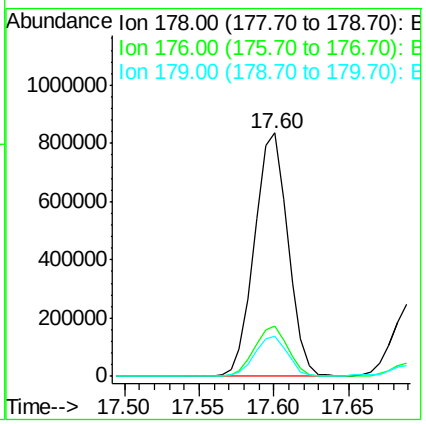


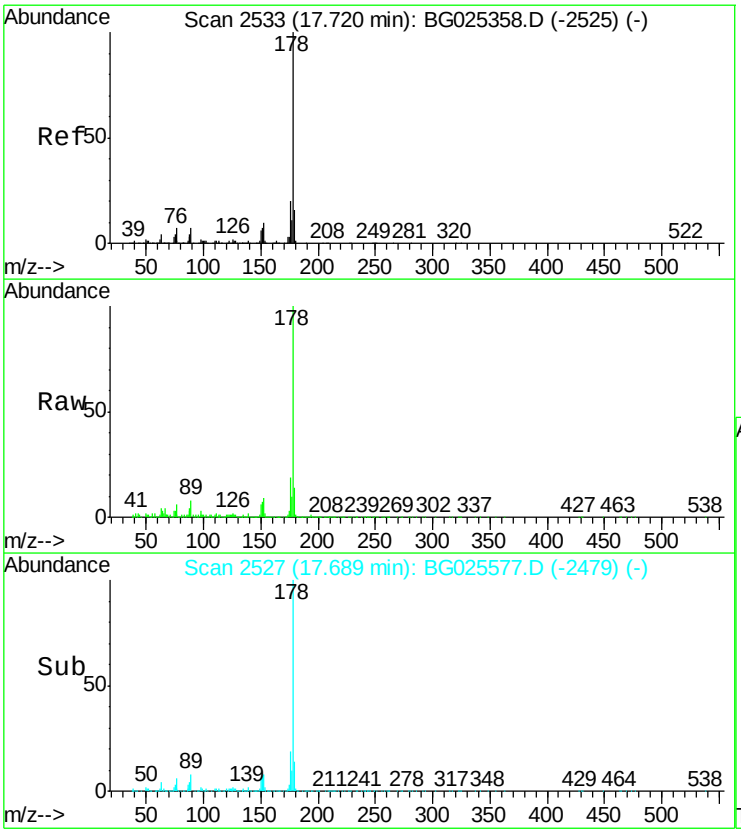
#70
Phenanthrene
Concen: 42.97 ng
RT: 17.60 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Instrument :
BNA_G
ClientSampleId :
T2-0-2FT-COMP

Tgt Ion:178 Resp: 1290884

Ion	Ratio	Lower	Upper
178	100		
176	20.5	17.7	26.5
179	16.3	15.0	22.6

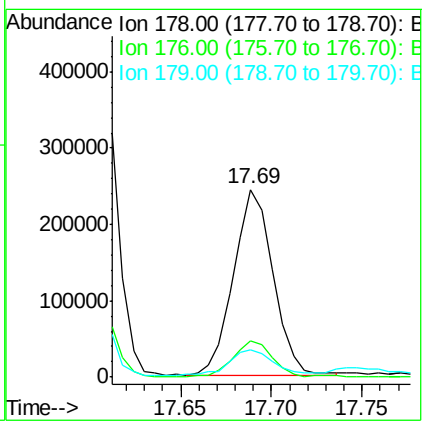


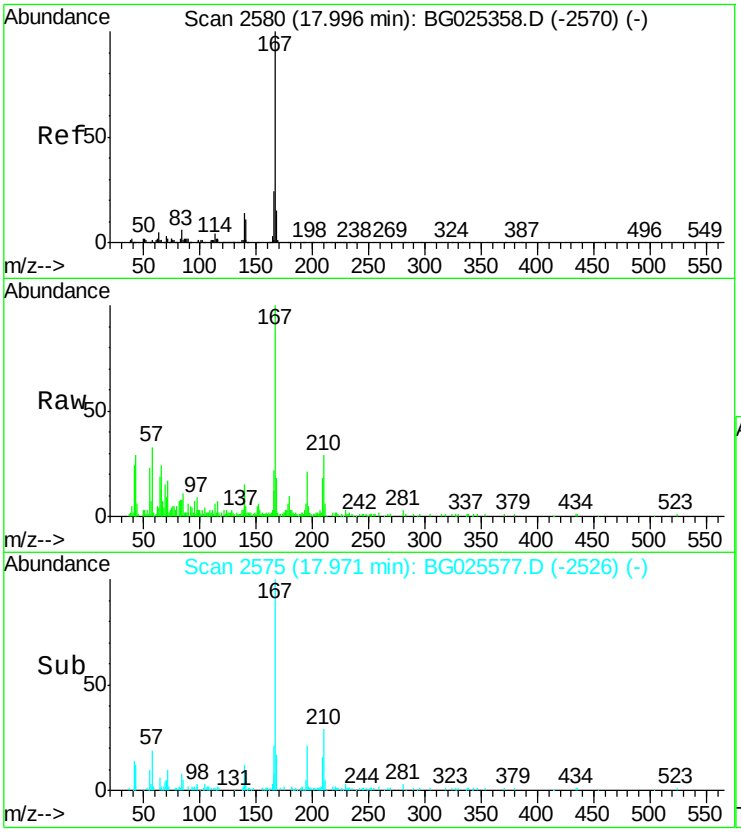


#71
Anthracene
Concen: 12.22 ng
RT: 17.69 min Scan# 2527
Delta R.T. -0.02 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Tgt Ion:178 Resp: 372905

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.4	24.6
179	14.2	13.8	20.8



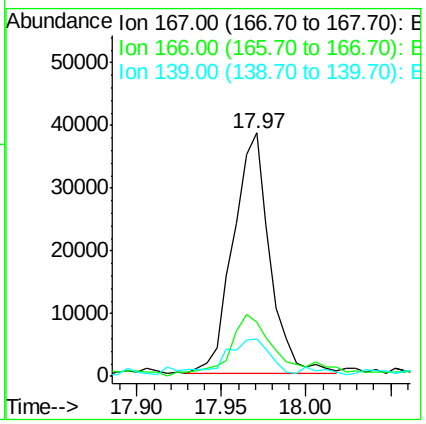


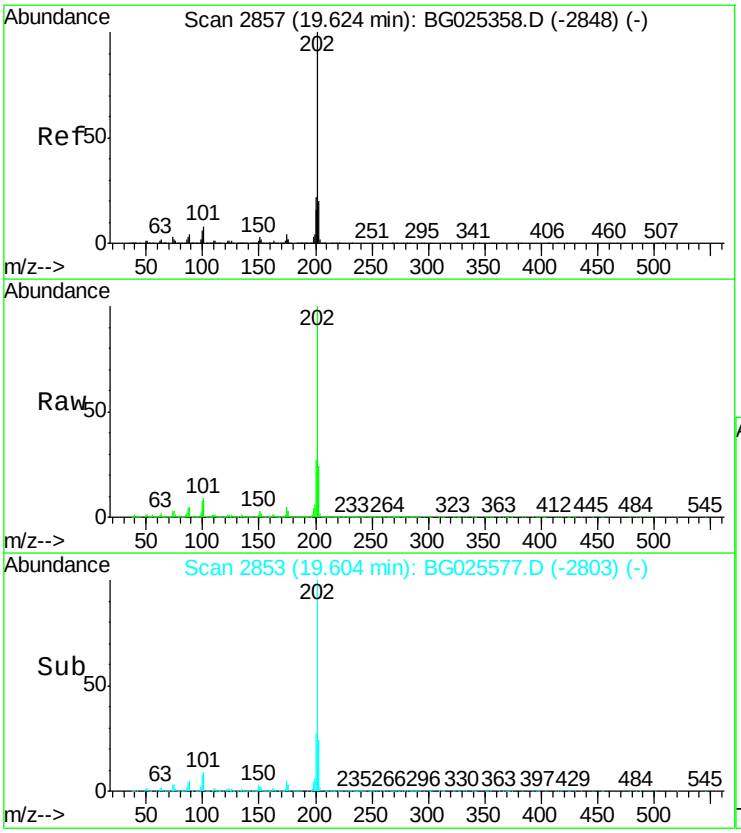
#72
Carbazole
Concen: 2.10 ng
RT: 17.97 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Instrument :
BNA_G
ClientSampleId :
T2-0-2FT-COMP

Tgt Ion:167 Resp: 57304

Ion	Ratio	Lower	Upper
167	100		
166	22.4	20.2	30.2
139	15.2	12.8	19.2

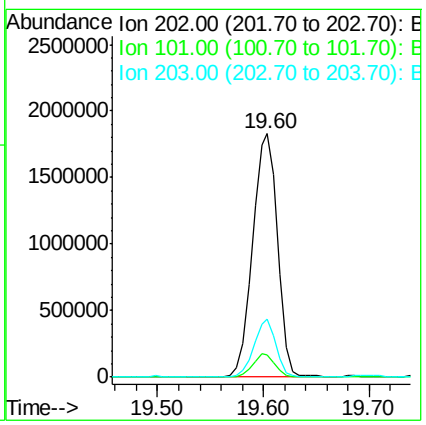


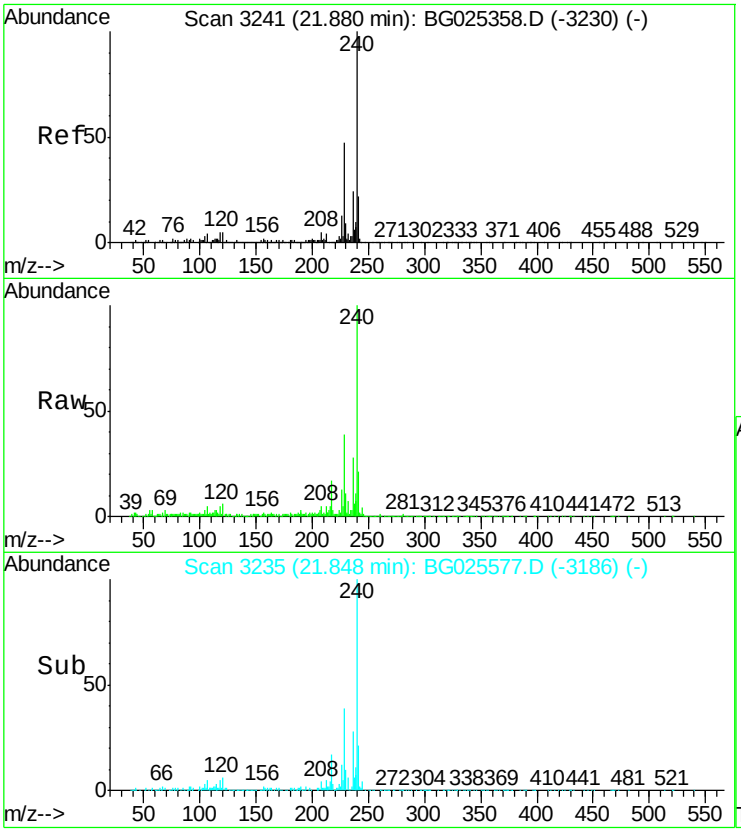


#74
Fluoranthene
Concen: 75.55 ng
RT: 19.60 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Tgt Ion:202 Resp: 2997653

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	30.1
203	23.7	1.3	41.3



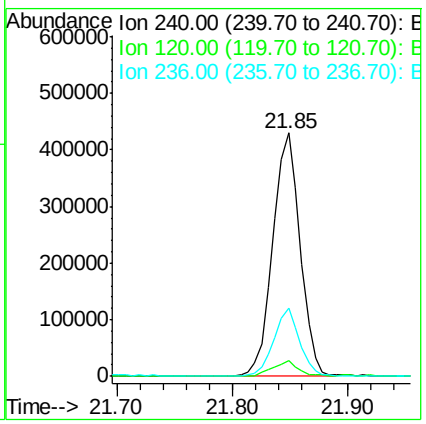


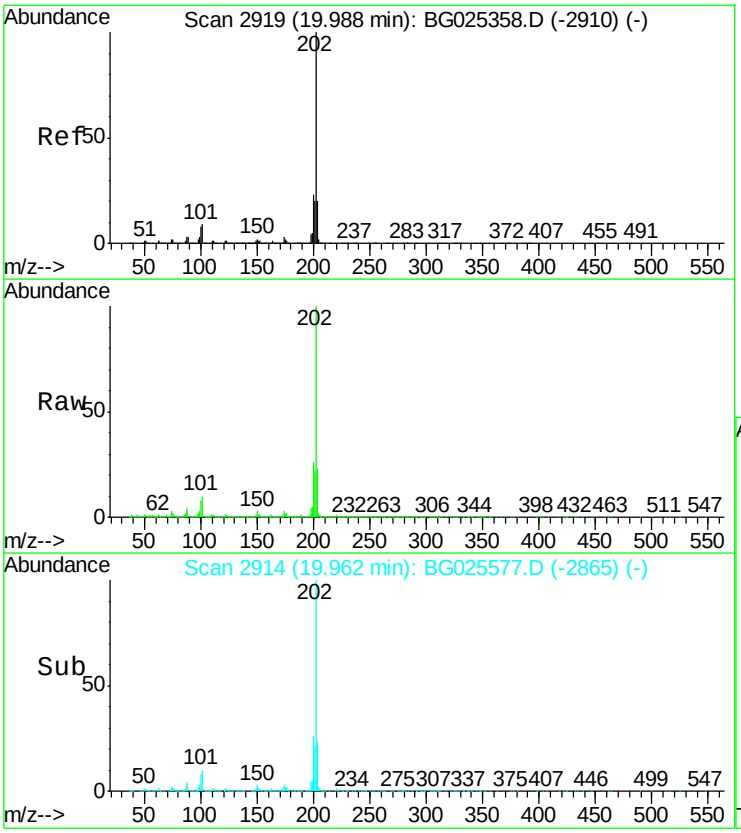
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. -0.01 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Instrument :
BNA_G
ClientSampleId :
T2-0-2FT-COMP

Tgt Ion:240 Resp: 704226

Ion	Ratio	Lower	Upper
240	100		
120	6.3	5.7	8.5
236	28.1	22.2	33.4

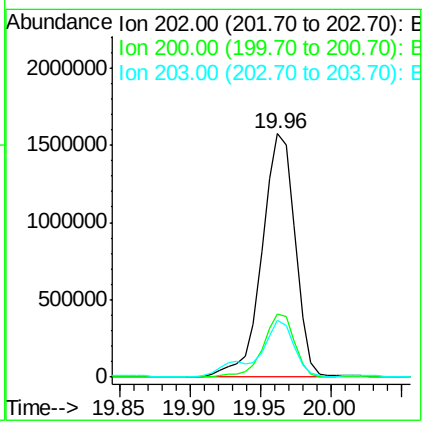


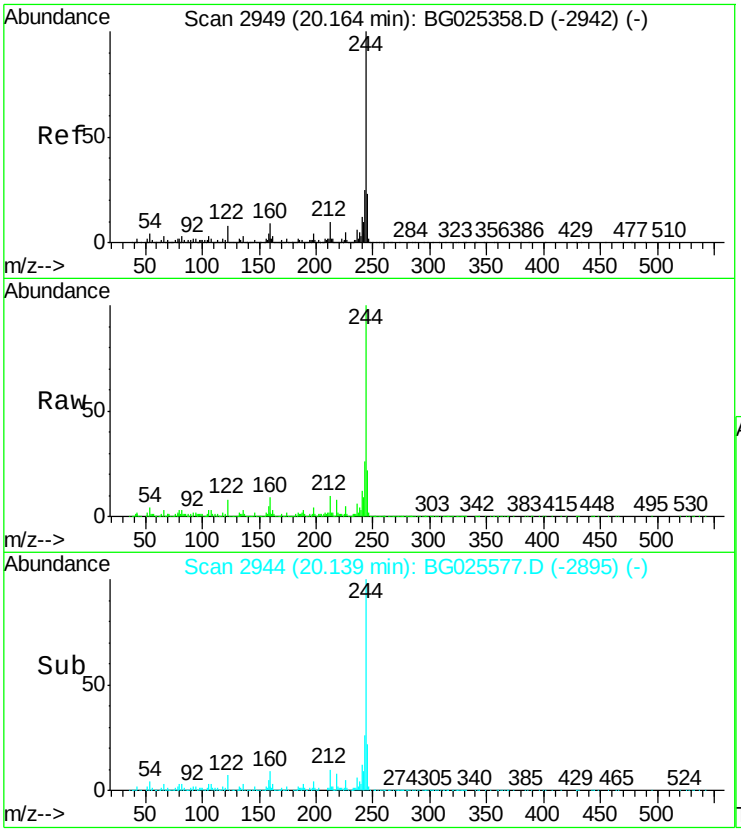


#77
Pyrene
Concen: 70.27 ng
RT: 19.96 min Scan# 2914
Delta R.T. -0.01 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Tgt Ion:202 Resp: 2586448

Ion	Ratio	Lower	Upper
202	100		
200	26.2	19.6	29.4
203	23.4	15.8	23.8



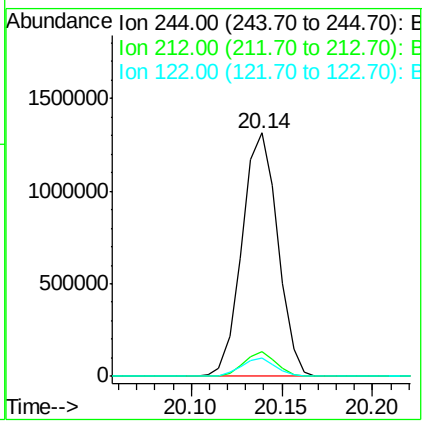


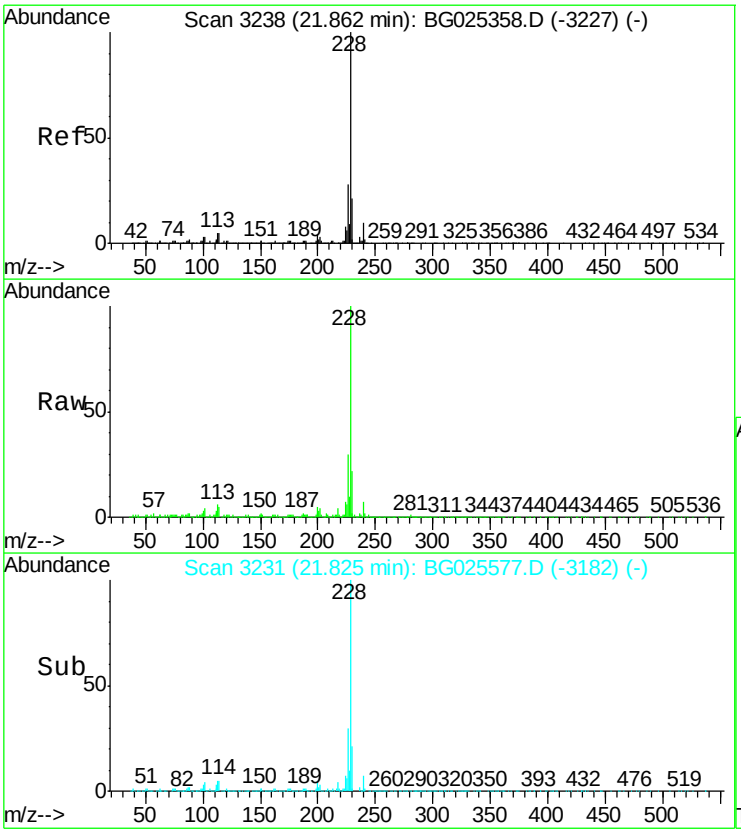
#78
Terphenyl-d14
Concen: 67.78 ng
RT: 20.14 min Scan# 2944
Delta R.T. -0.01 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Instrument :
BNA_G
ClientSampleId :
T2-0-2FT-COMP

Tgt Ion:244 Resp: 1800310

Ion	Ratio	Lower	Upper
244	100		
212	10.1	10.0	15.0
122	7.5	8.6	12.8#

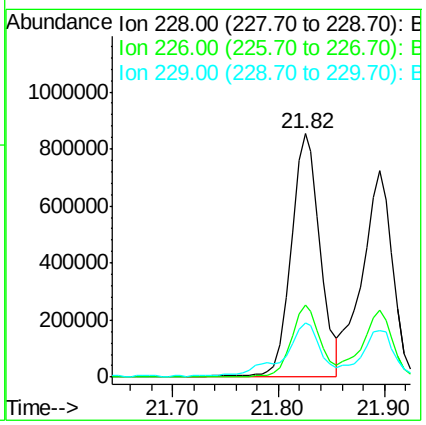


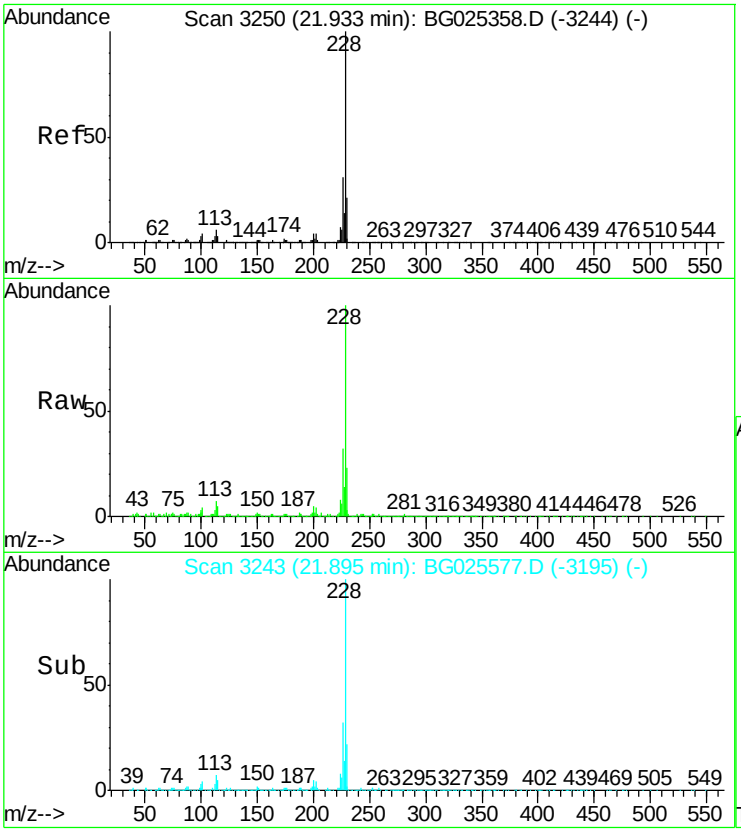


#80
Benzo(a)anthracene
Concen: 41.15 ng
RT: 21.82 min Scan# 3231
Delta R.T. -0.01 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Tgt Ion:228 Resp: 1616324

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.9	37.3
229	22.2	18.2	27.2



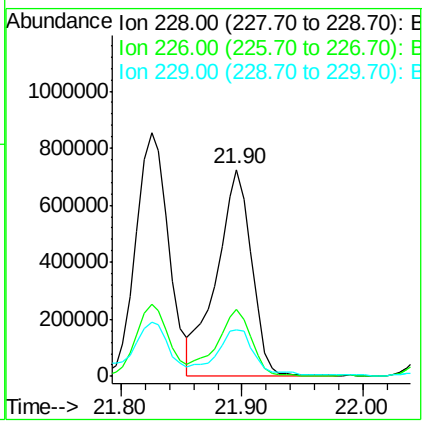


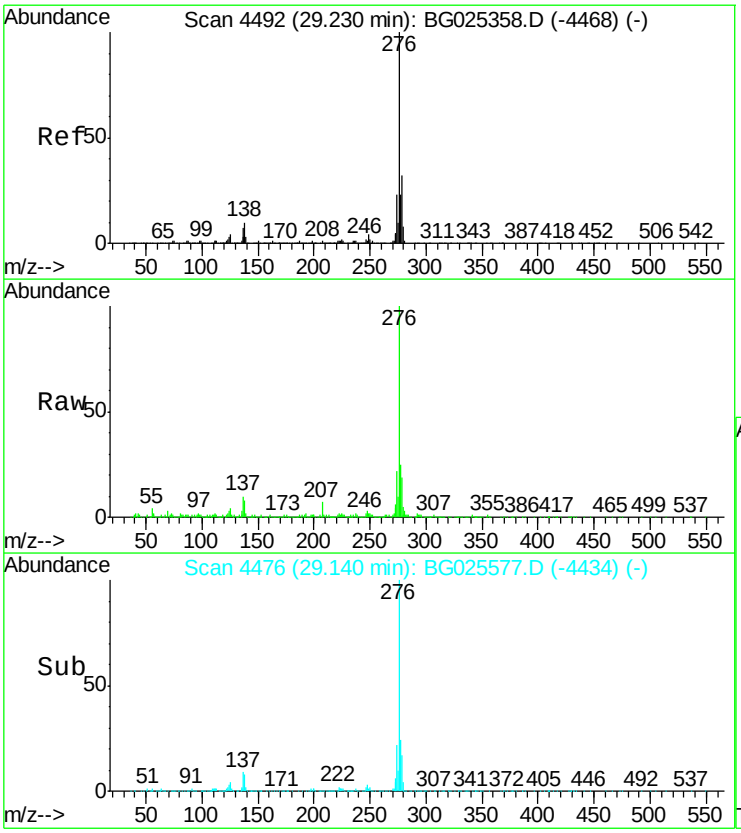
#82
Chrysene
Concen: 38.55 ng
RT: 21.90 min Scan# 3243
Delta R.T. -0.02 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Instrument :
BNA_G
ClientSampleId :
T2-0-2FT-COMP

Tgt Ion:228 Resp: 1451943

Ion	Ratio	Lower	Upper
228	100		
226	32.4	27.0	40.4
229	22.5	17.8	26.6

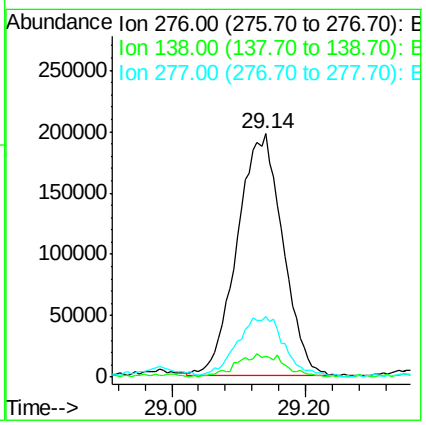


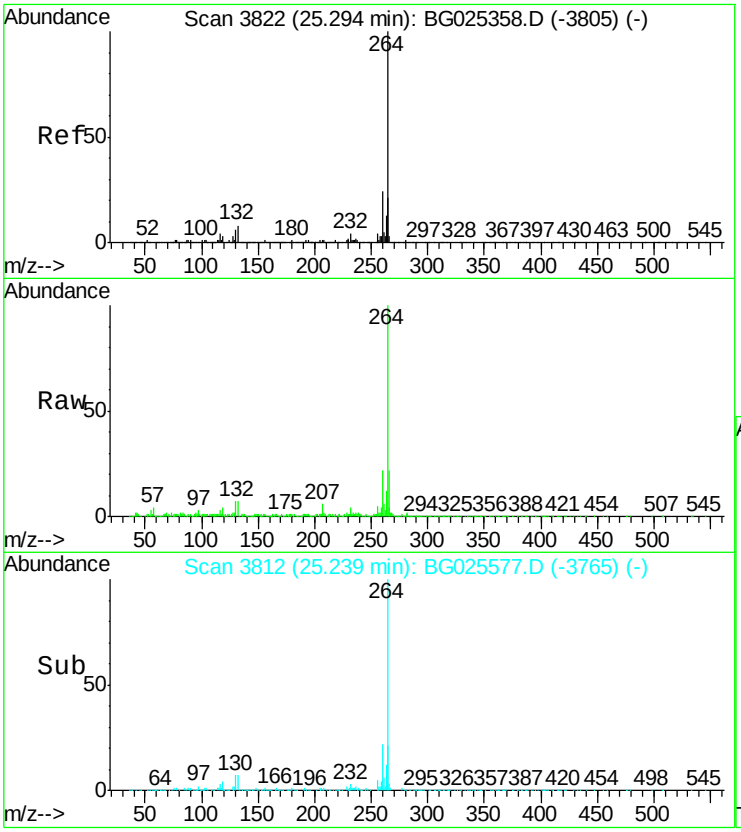


#85
Indeno(1,2,3-cd)pyrene
Concen: 19.49 ng
RT: 29.14 min Scan# 4476
Delta R.T. -0.06 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Tgt Ion:276 Resp: 933360

Ion	Ratio	Lower	Upper
276	100		
138	9.5	4.7	7.1#
277	25.1	20.6	31.0



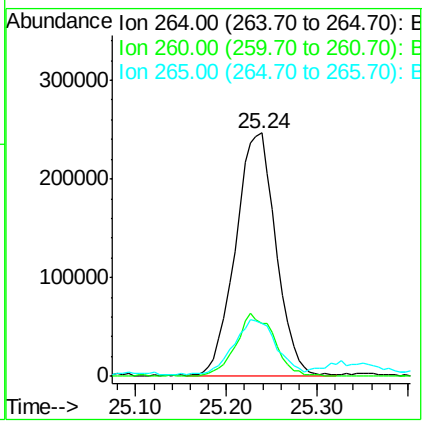


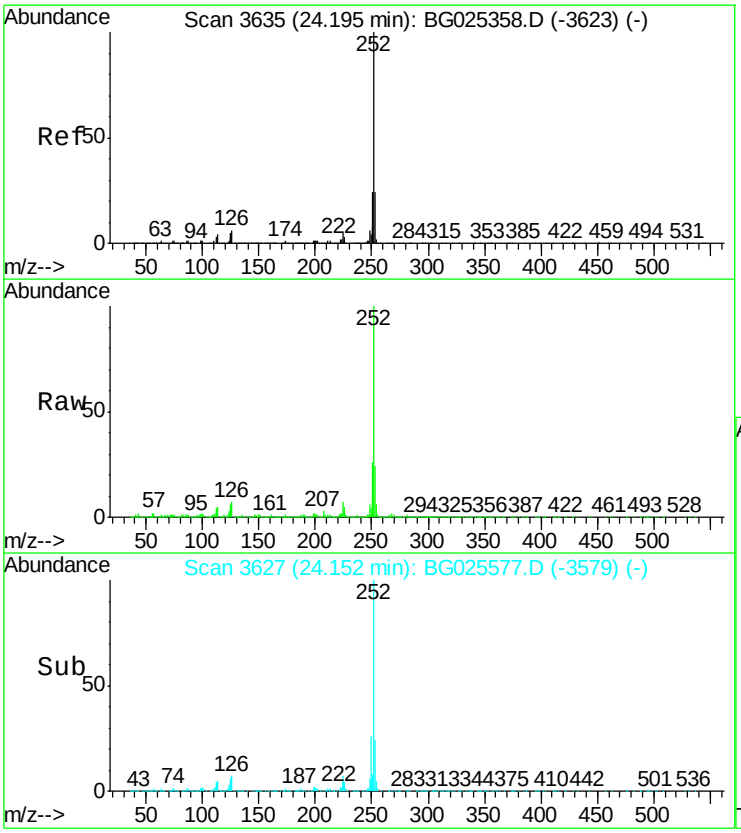
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.24 min Scan# 3812
Delta R.T. -0.03 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Instrument :
BNA_G
ClientSampleId :
T2-0-2FT-COMP

Tgt Ion:264 Resp: 755807

Ion	Ratio	Lower	Upper
264	100		
260	21.8	21.8	32.8#
265	21.7	18.2	27.4

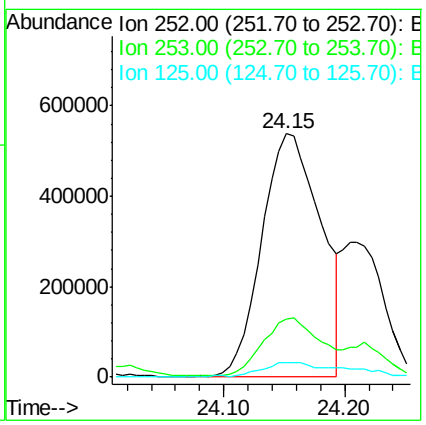


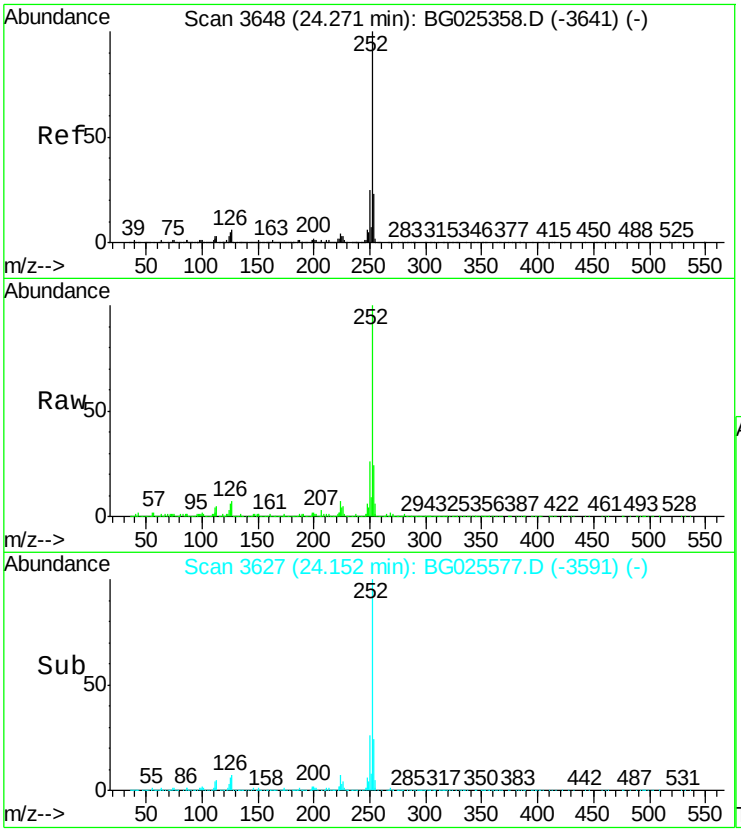


#87
Benzo(b)fluoranthene
Concen: 44.07 ng
RT: 24.15 min Scan# 3627
Delta R.T. -0.02 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Tgt Ion:252 Resp: 1817393

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.7	28.1
125	6.0	5.3	7.9



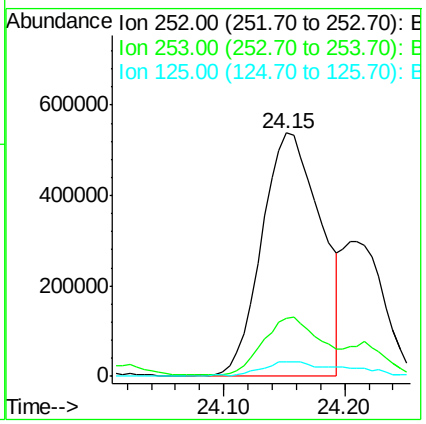


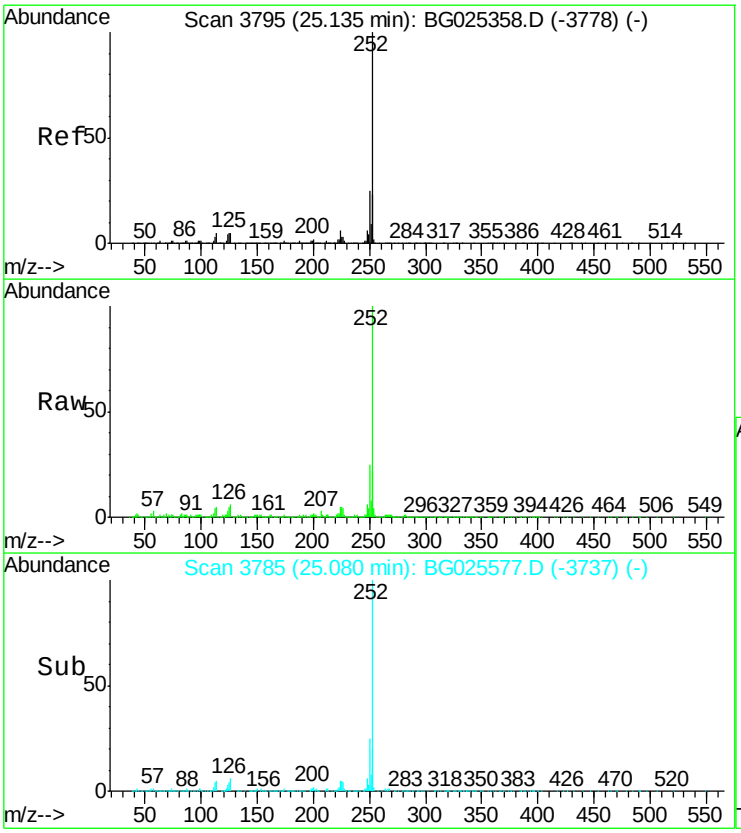
#88
Benzo(k)fluoranthene
Concen: 45.63 ng
RT: 24.15 min Scan# 3627
Delta R.T. -0.09 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Instrument :
BNA_G
ClientSampleId :
T2-0-2FT-COMP

Tgt Ion:252 Resp: 1817393

Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.2	30.2
125	6.0	5.1	7.7

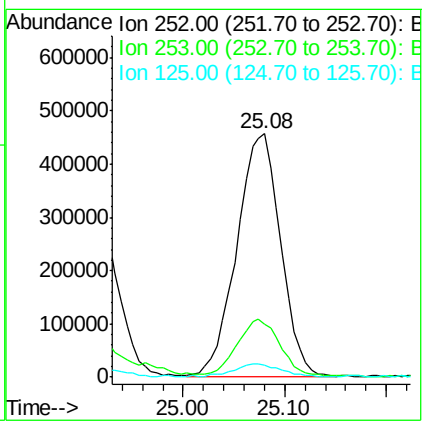


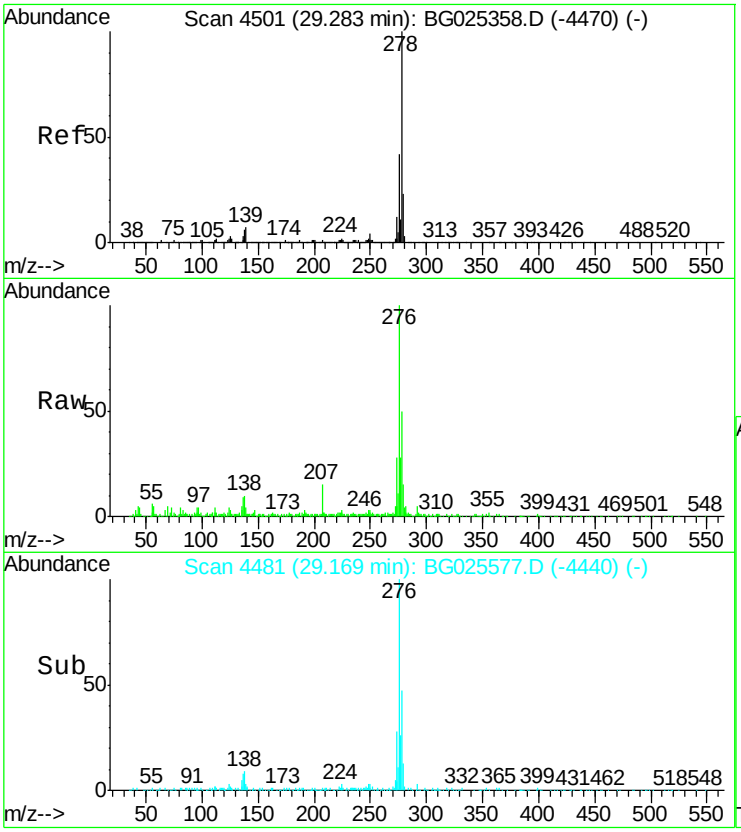


#89
Benzo(a)pyrene
Concen: 34.11 ng
RT: 25.08 min Scan# 3785
Delta R.T. -0.02 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Tgt Ion:252 Resp: 1358703

Ion	Ratio	Lower	Upper
252	100		
253	21.6	19.2	28.8
125	5.0	5.4	8.0#



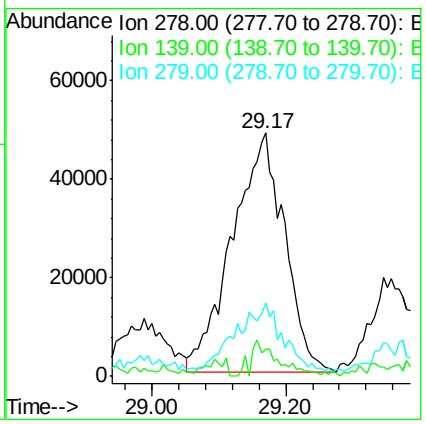


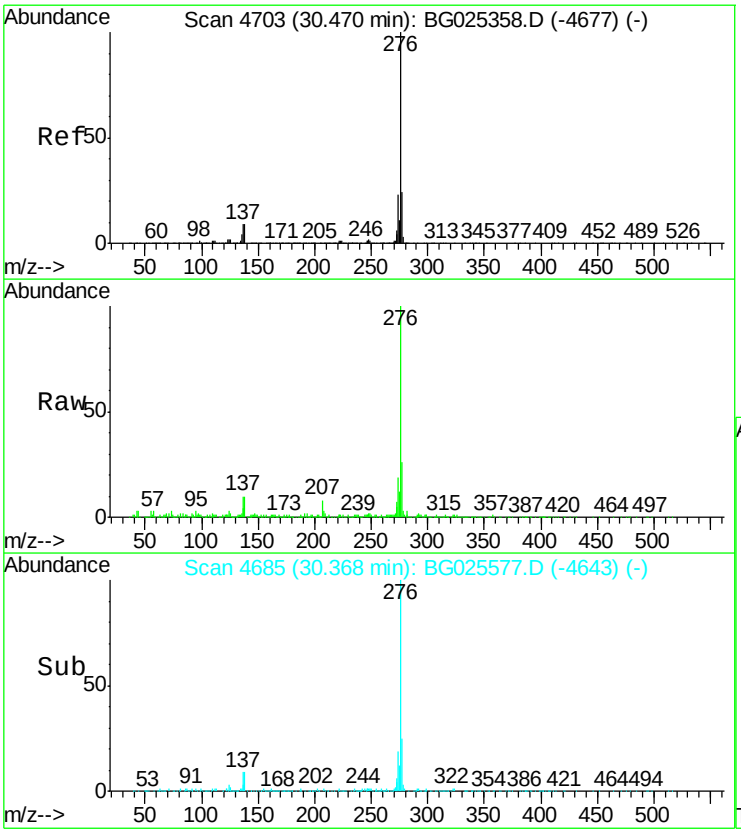
#90
Dibenzo(a,h)anthracene
Concen: 6.21 ng
RT: 29.17 min Scan# 4481
Delta R.T. -0.06 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Instrument :
BNA_G
ClientSampleId :
T2-0-2FT-COMP

Tgt Ion:278 Resp: 262022

Ion	Ratio	Lower	Upper
278	100		
139	11.3	7.7	11.5
279	30.1	19.1	28.7#





#91
Benzo(g,h,i)perylene
Concen: 20.22 ng
RT: 30.37 min Scan# 4685
Delta R.T. -0.06 min
Lab File: BG025577.D
Acq: 21 Jan 2017 17:25

Tgt Ion:276 Resp: 848240

Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.6	27.8
138	9.6	8.1	12.1