Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012117\
Data File : BG025571.D
Acq On : 21 Jan 2017 13:24
Operator : UM/SJ
Sample : I1329-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S2-0-3FT-COMP

Quant Time: Jan 23 00:56:11 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	71162	20.00	ng		-0.02
21) Naphthalene-d8	11.01	136	301261	20.00	ng		-0.02
38) Acenaphthene-d10	14.81	164	238964	20.00	ng		-0.01
63) Phenanthrene-d10	17.55	188	509162	20.00	ng		-0.02
75) Chrysene-d12	21.84	240	683731	20.00	ng		-0.02
86) Perylene-d12	25.23	264	715521	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	103524	26.44	ng		-0.01
7) Phenol-d6	7.34	99	544232	98.70	ng		-0.01
23) Nitrobenzene-d5	9.36	82	563553	82.64	ng		-0.02
41) 2,4,6-Tribromophenol	16.30	330	40942	10.64	ng		-0.01
44) 2-Fluorobiphenyl	13.43	172	1038260	70.34	ng		-0.02
78) Terphenyl-d14	20.14	244	1685377	65.36	ng		-0.01
Target Compounds							Qvalue
10) Phenol	7.37	94	26509	4.34	ng	#	78
30) 1,2,4-Trichlorobenzene	10.87	180	18611	3.06	ng	#	77
31) Naphthalene	11.06	128	53904	3.58	ng		96
35) Caprolactam	11.97	113	4448	2.35	ng	#	58
37) 2-Methylnaphthalene	12.65	142	37532	3.37	ng		98
40) Hexachlorocyclopentadiene	12.98	237	85	8.54	ng	#	29
49) Dimethylphthalate	14.25	163	238223	13.67	ng		99
53) 2,4-Dinitrophenol	14.98	184	87	5.11	ng	#	15
70) Phenanthrene	17.60	178	177191	6.75	ng		93
71) Anthracene	17.60	178	177191	6.65	ng		96
74) Fluoranthene	19.60	202	263327	7.60	ng		95
77) Pyrene	19.96	202	242060	6.77	ng		97
80) Benzo(a)anthracene	21.90	228	162999	4.27	ng		96
82) Chrysene	21.90	228	162999	4.46	ng		97
83) Bis(2-ethylhexyl)phthalate	21.67	149	40285	2.02	ng	#	95
85) Indeno(1,2,3-cd)pyrene	29.13	276	99912	2.15	ng	#	75
87) Benzo(b)fluoranthene	24.16	252	211784	5.42	ng	#	94
89) Benzo(a)pyrene	25.07	252	138703	3.68	ng	#	96
91) Benzo(g,h,i)perylene	30.37	276	95430	2.40	ng	#	86

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

Quantitation Report (Not Reviewed)

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Acq On : 21 Jan 2017 13:24
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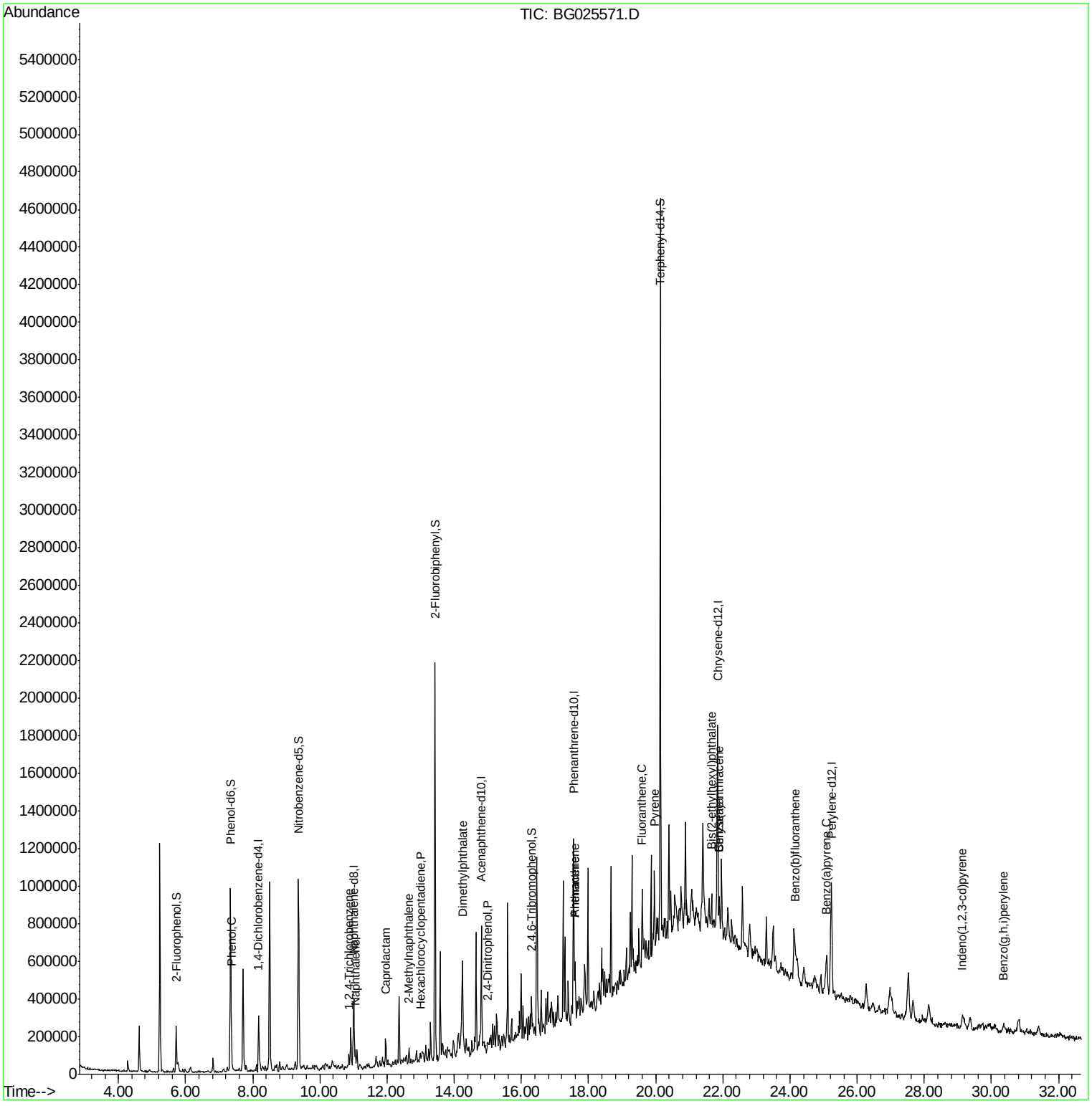
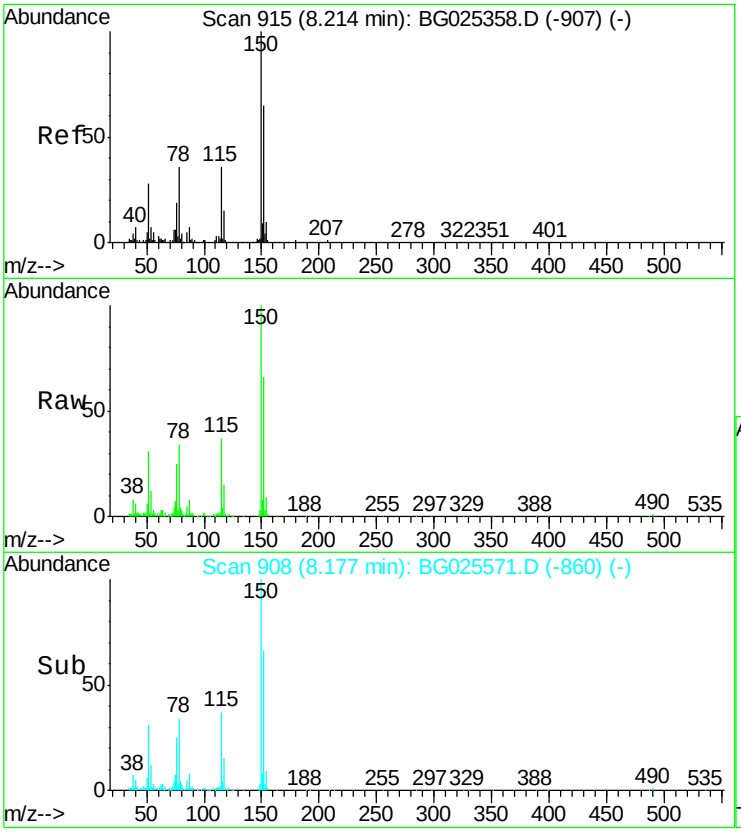


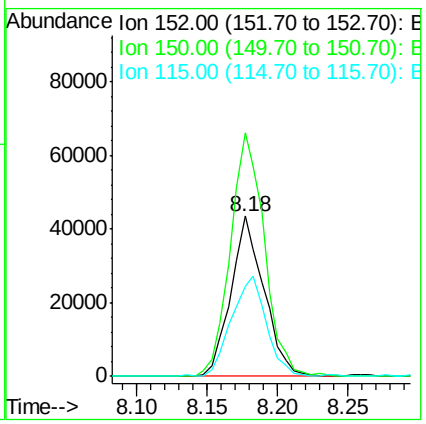


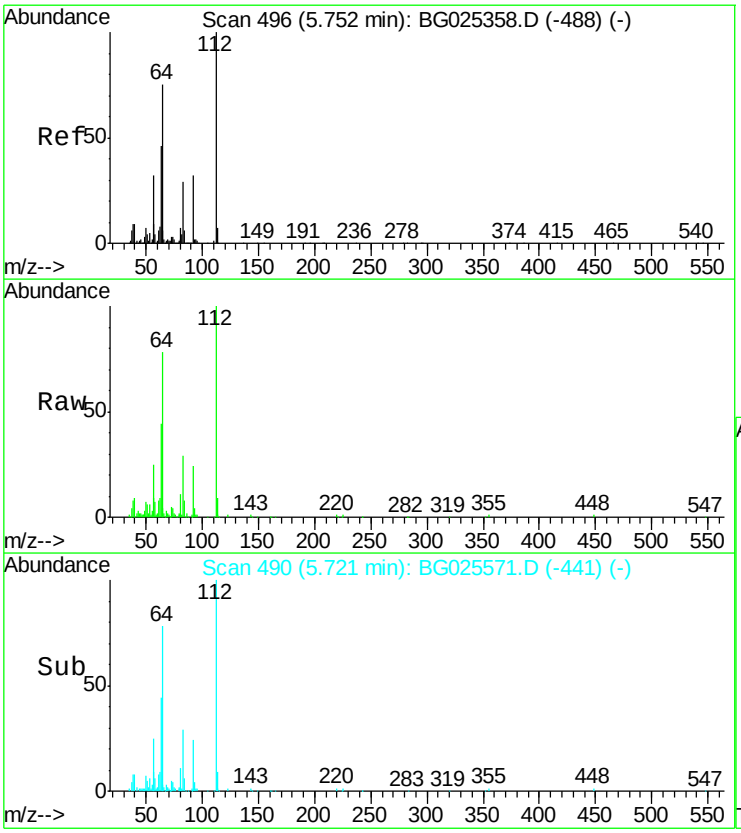
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.18 min Scan# 908
Delta R.T. -0.02 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Instrument :
BNA_G
ClientSampleId :
S2-0-3FT-COMP

Tgt Ion:152 Resp: 71162

Ion	Ratio	Lower	Upper
152	100		
150	152.1	114.0	171.0
115	55.9	48.1	72.1

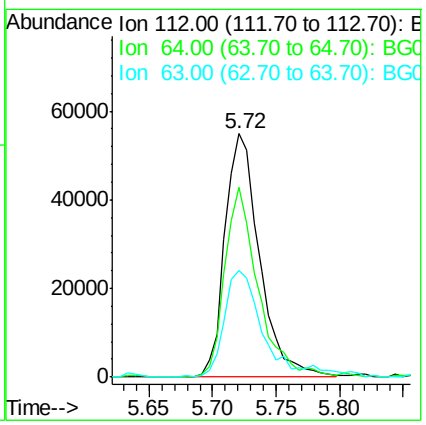


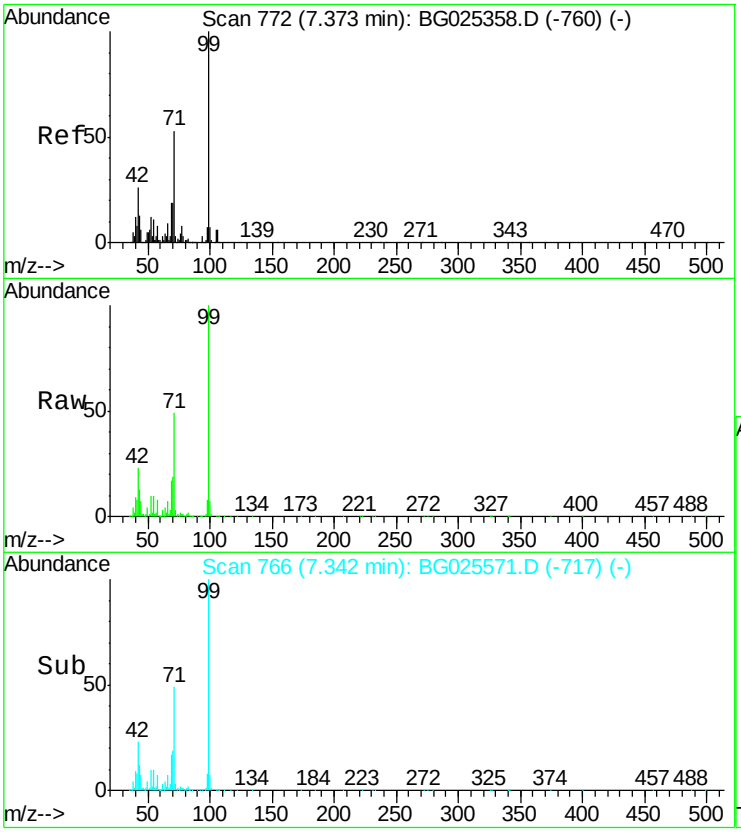


#5
2-Fluorophenol
Concen: 26.44 ng
RT: 5.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Tgt Ion:112 Resp: 103524

Ion	Ratio	Lower	Upper
112	100		
64	77.8	61.8	92.6
63	43.9	37.2	55.8



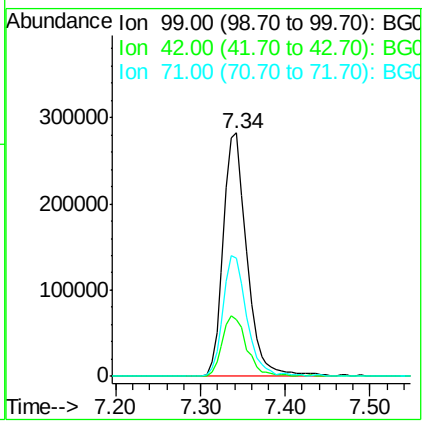


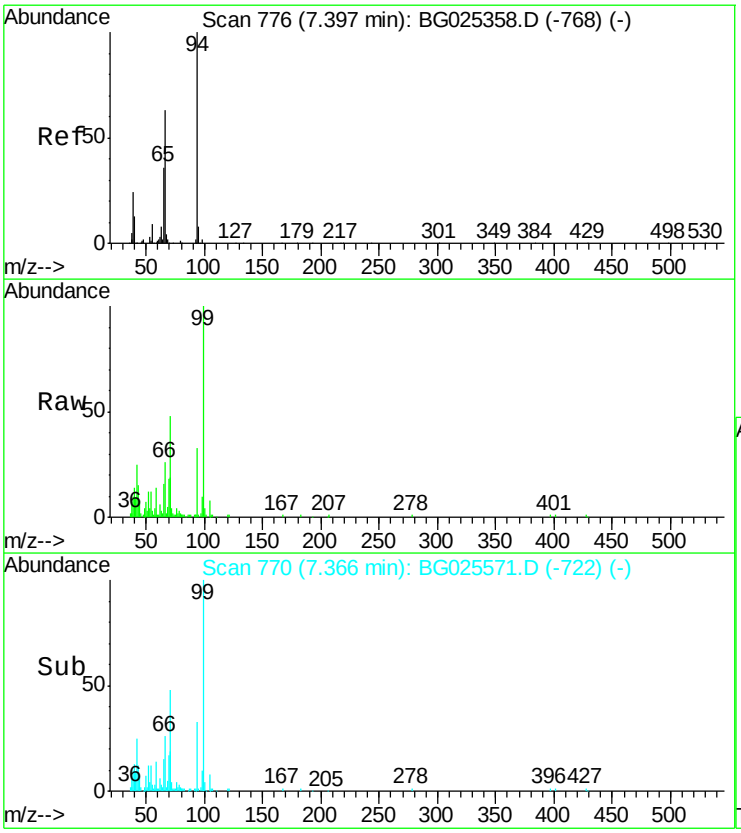
#7
Phenol-d6
Concen: 98.70 ng
RT: 7.34 min Scan# 766
Delta R.T. -0.01 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Instrument :
BNA_G
ClientSampleId :
S2-0-3FT-COMP

Tgt Ion: 99 Resp: 544232

Ion	Ratio	Lower	Upper
99	100		
42	23.3	20.5	30.7
71	48.6	37.6	56.4

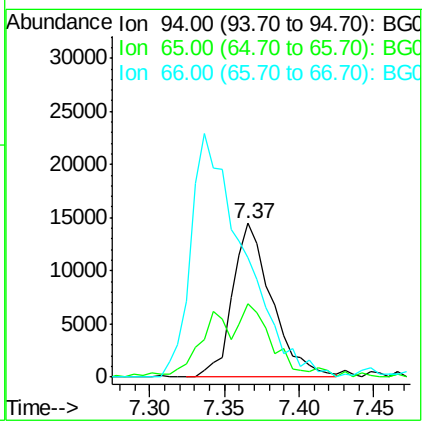


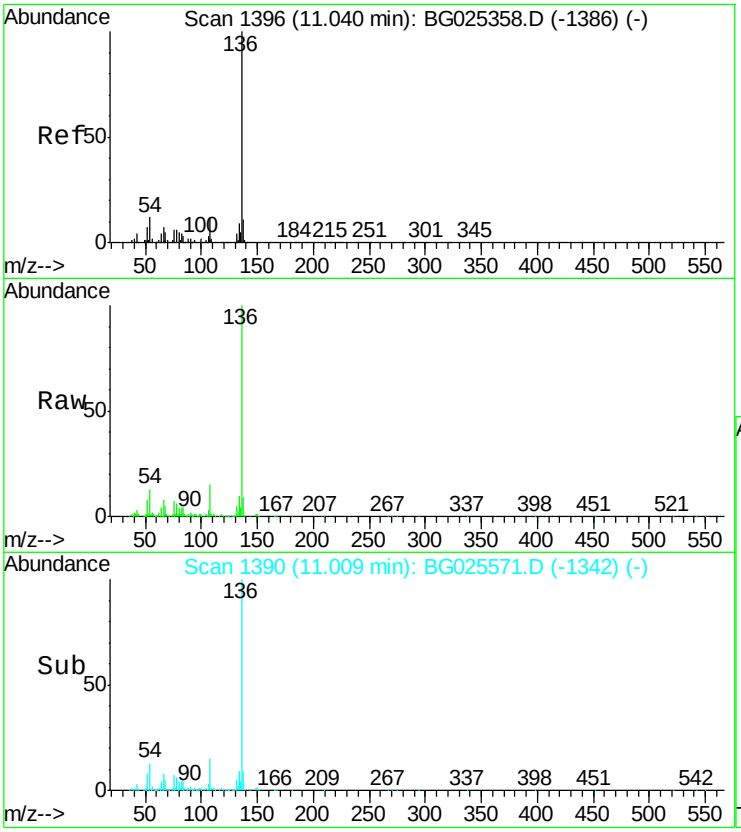


#10
Phenol
Concen: 4.34 ng
RT: 7.37 min Scan# 770
Delta R.T. -0.02 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Tgt Ion: 94 Resp: 26509

Ion	Ratio	Lower	Upper
94	100		
65	47.3	20.6	60.6
66	77.7	35.5	75.5#



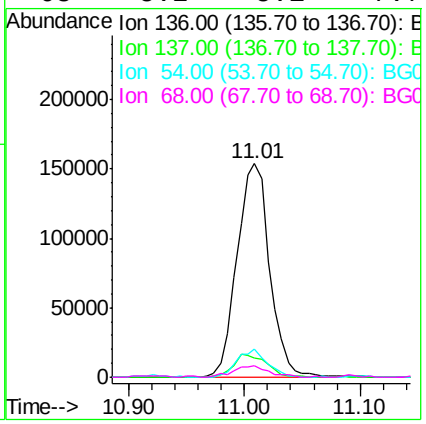


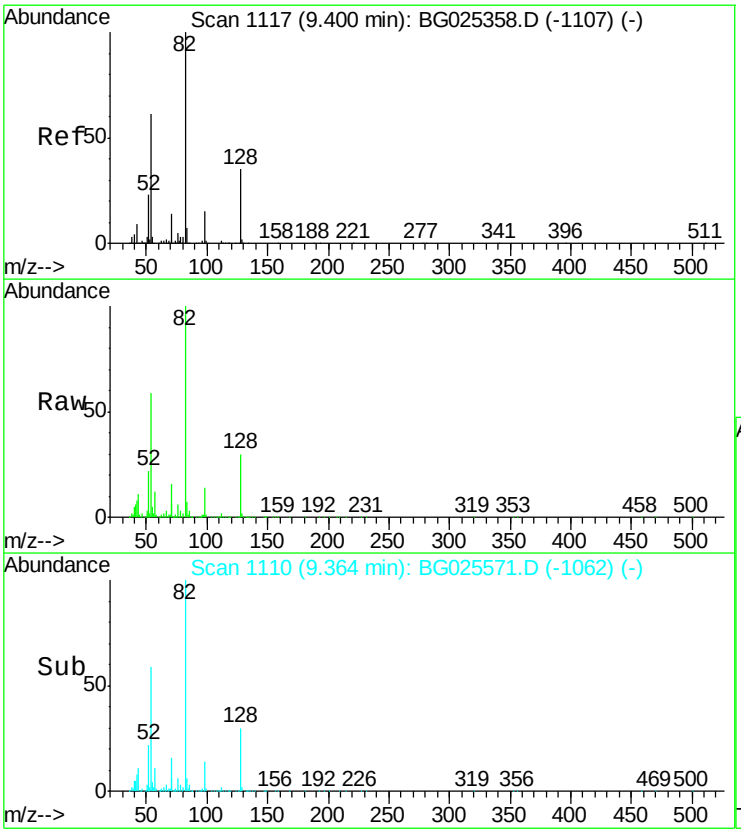
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.01 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Instrument :
BNA_G
ClientSampleId :
S2-0-3FT-COMP

Tgt Ion:136 Resp: 301261

Ion	Ratio	Lower	Upper
136	100		
137	9.3	8.9	13.3
54	13.1	9.3	13.9
68	5.2	5.1	7.7

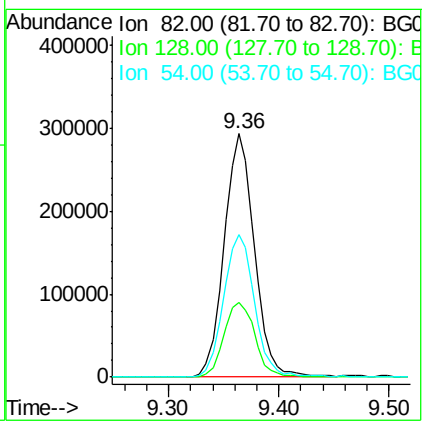


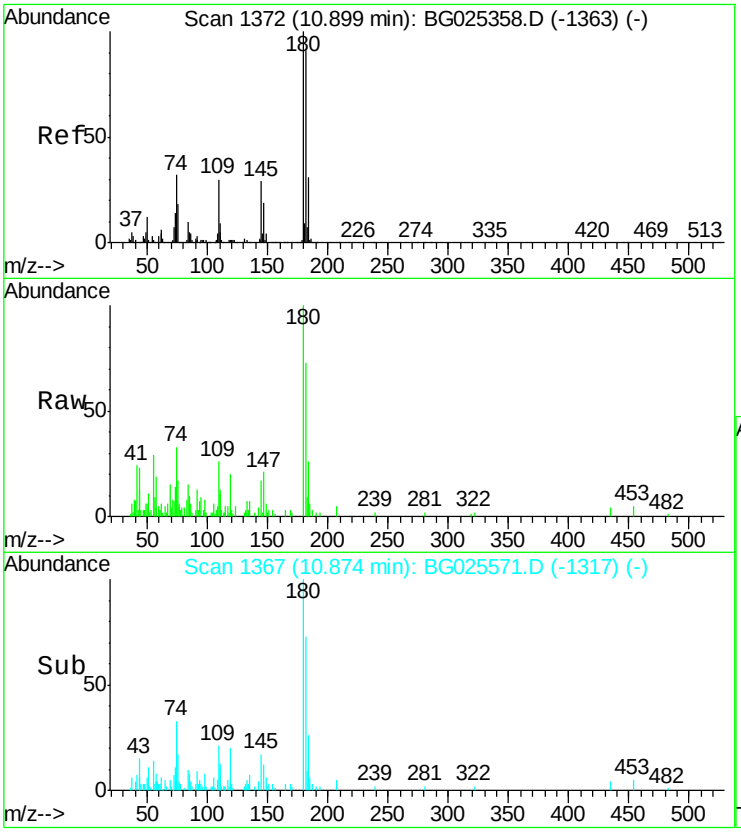


#23
Nitrobenzene-d5
Concen: 82.64 ng
RT: 9.36 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Tgt Ion: 82 Resp: 563553

Ion	Ratio	Lower	Upper
82	100		
128	30.4	26.4	39.6
54	58.6	49.4	74.2



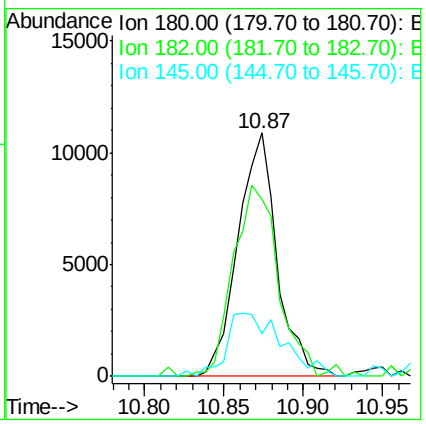


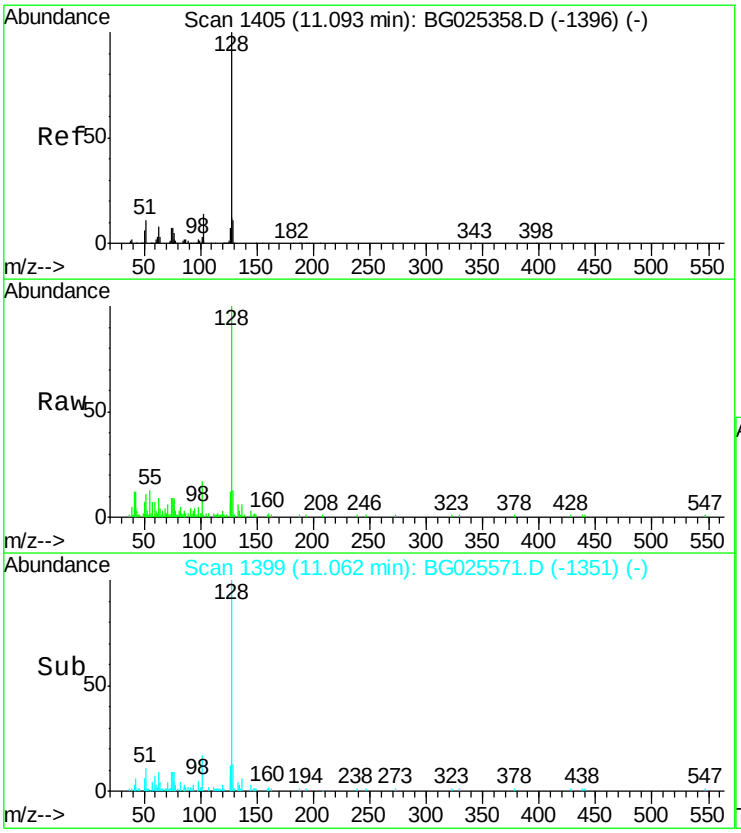
#30
1,2,4-Trichlorobenzene
Concen: 3.06 ng
RT: 10.87 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Instrument :
BNA_G
ClientSampleId :
S2-0-3FT-COMP

Tgt Ion:180 Resp: 18611

Ion	Ratio	Lower	Upper
180	100		
182	72.8	77.0	115.4#
145	17.4	23.4	35.0#

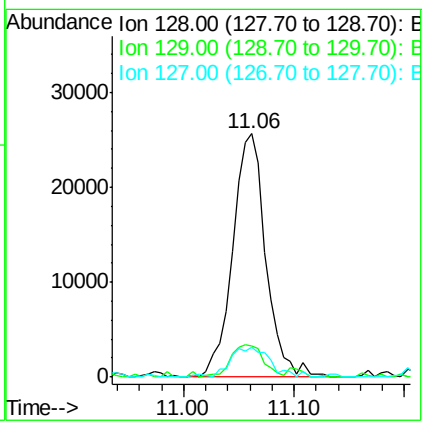


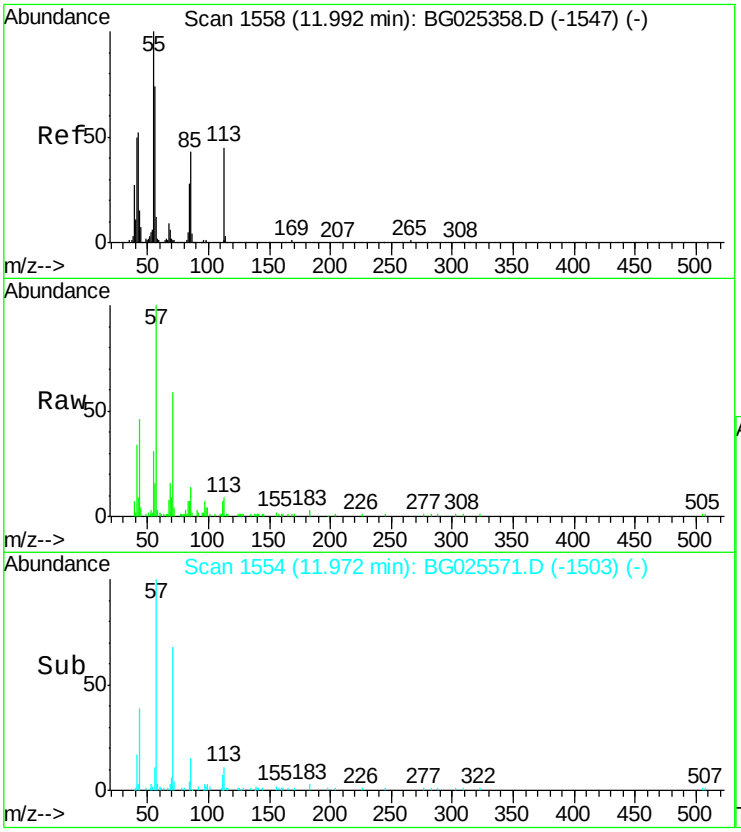


#31
Naphthalene
Concen: 3.58 ng
RT: 11.06 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Tgt Ion:128 Resp: 53904

Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.3	13.9
127	12.1	11.4	17.0



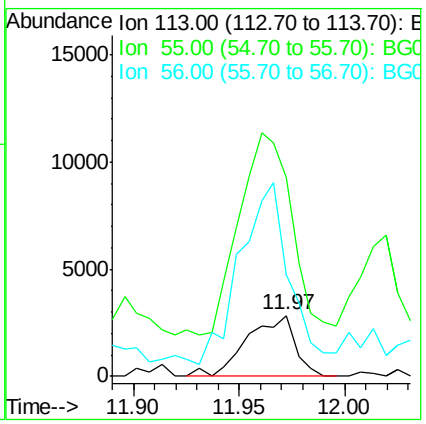


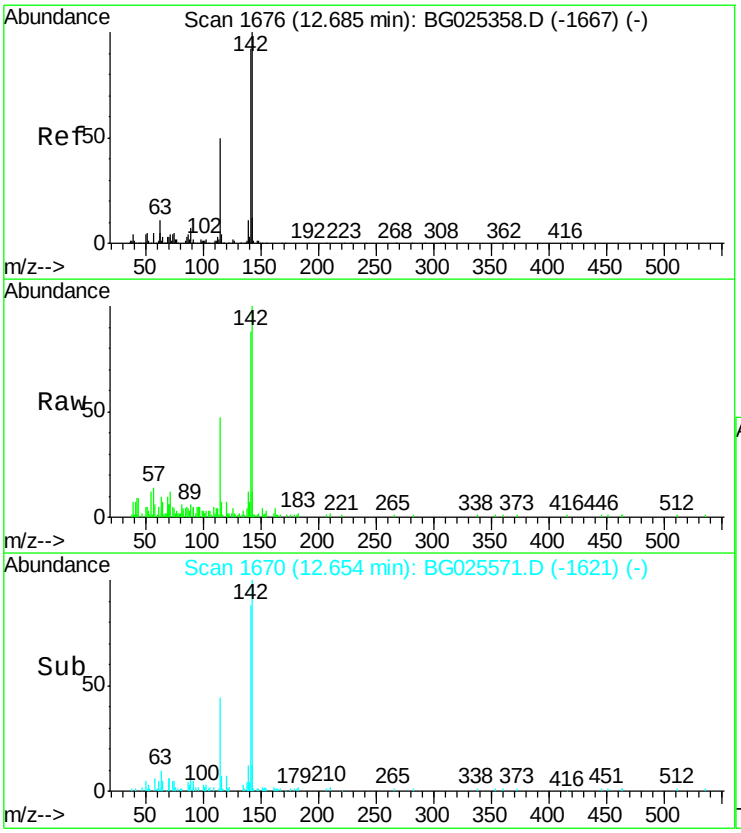
#35
Caprolactam
Concen: 2.35 ng
RT: 11.97 min Scan# 1554
Delta R.T. -0.00 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Instrument :
BNA_G
ClientSampleId :
S2-0-3FT-COMP

Tgt Ion:113 Resp: 4448

Ion	Ratio	Lower	Upper
113	100		
55	328.4	198.6	238.6#
56	168.5	140.4	180.4

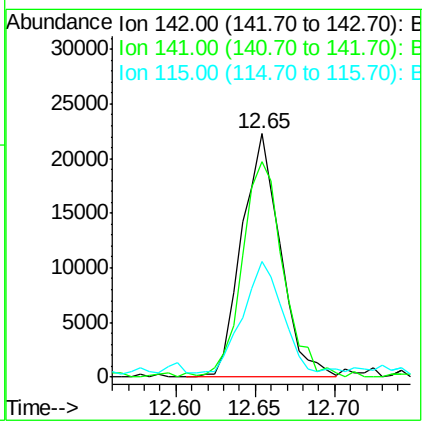


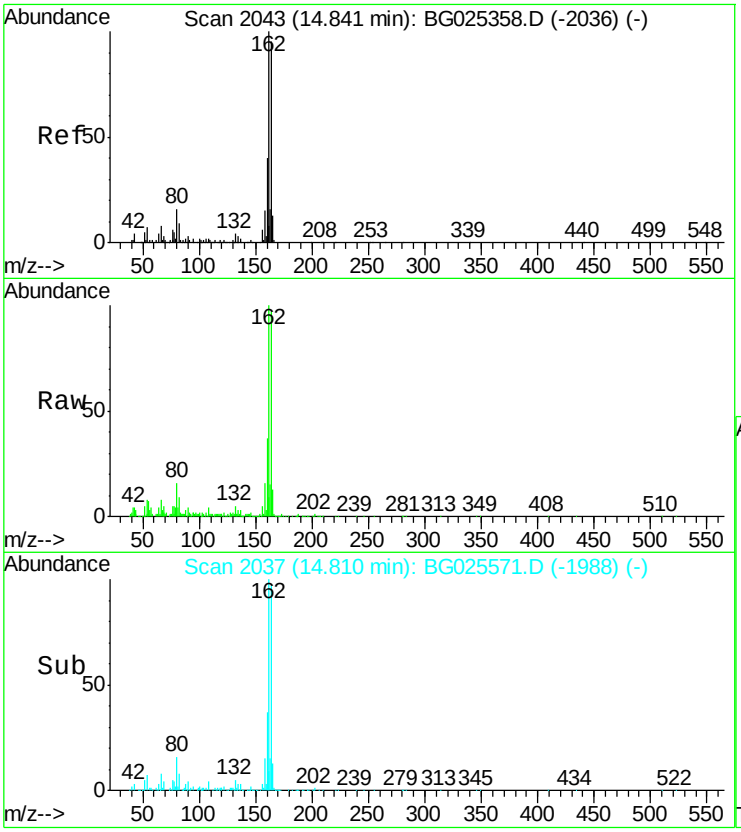


#37
2-Methylnaphthalene
Concen: 3.37 ng
RT: 12.65 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Tgt Ion:142 Resp: 37532

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.4	105.6
115	47.4	35.5	53.3



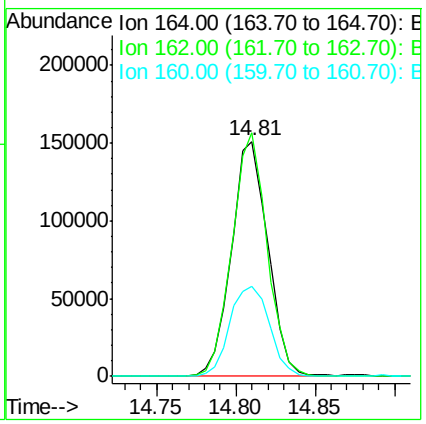


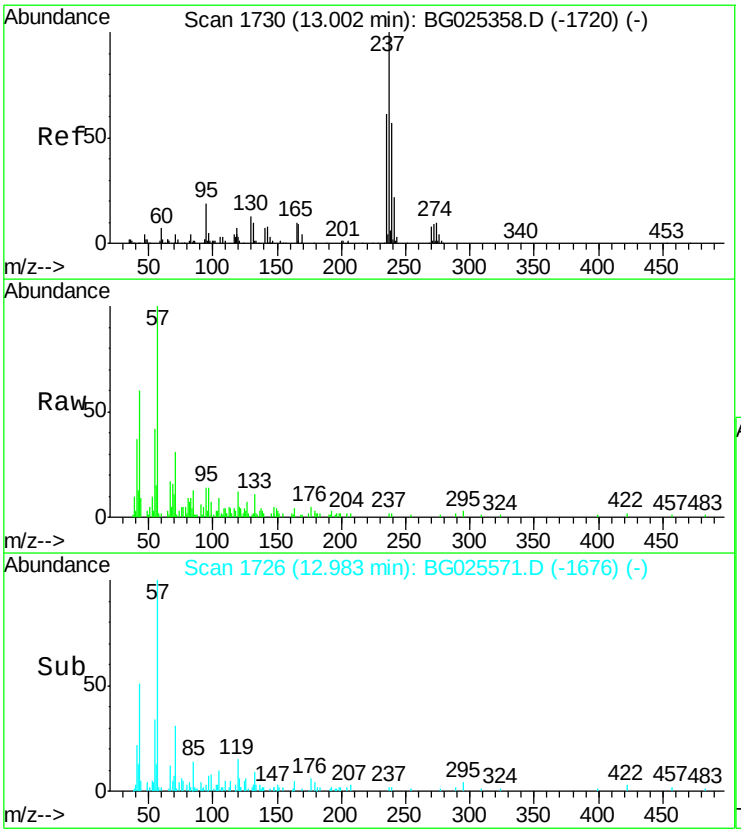
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Instrument :
BNA_G
ClientSampleId :
S2-0-3FT-COMP

Tgt Ion:164 Resp: 238964

Ion	Ratio	Lower	Upper
164	100		
162	103.6	85.1	127.7
160	38.4	34.7	52.1

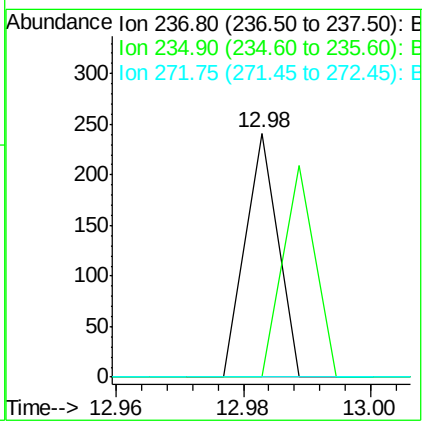


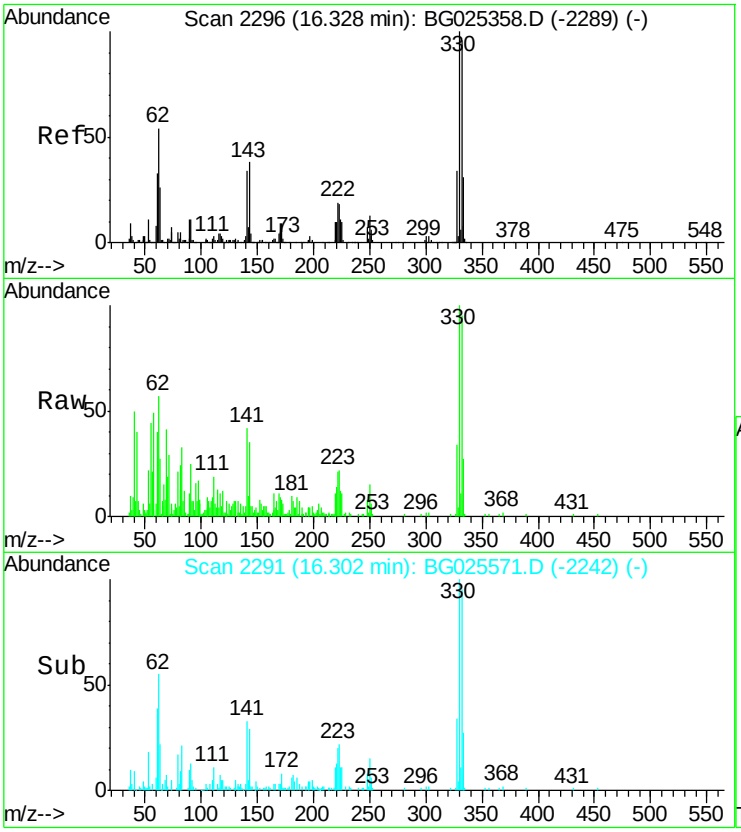


#40
Hexachlorocyclopentadiene
Concen: 8.54 ng
RT: 12.98 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Tgt Ion:237 Resp: 85

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



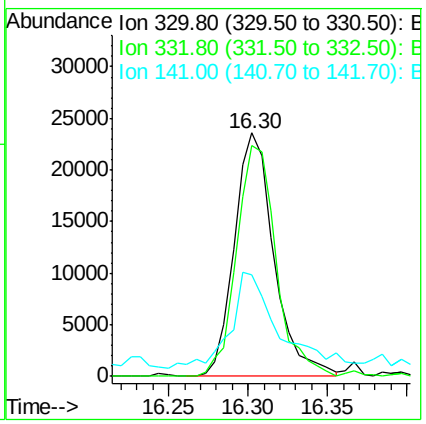


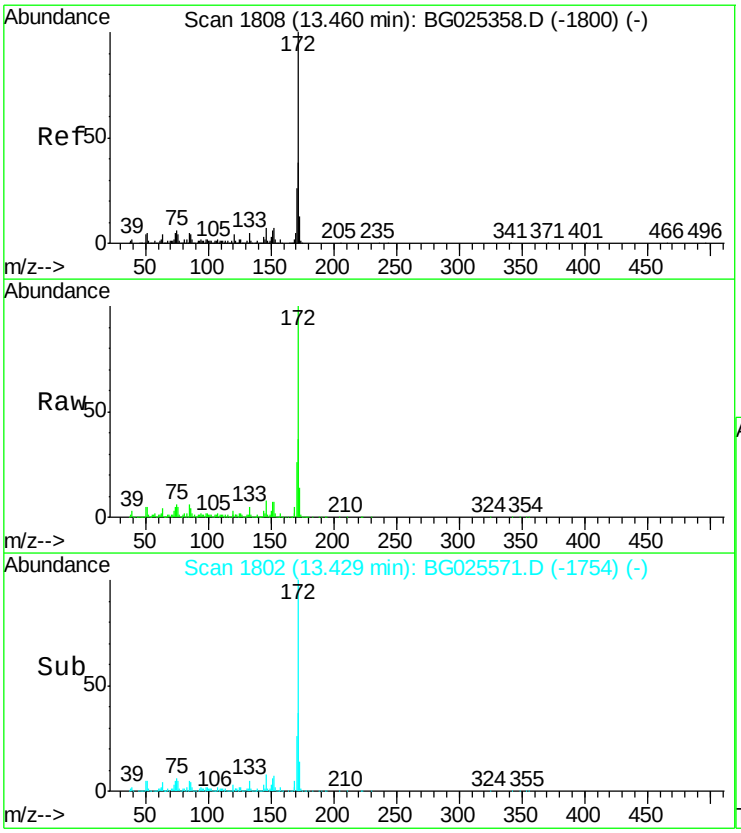
#41
2,4,6-Tribromophenol
Concen: 10.64 ng
RT: 16.30 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Instrument :
BNA_G
ClientSampleId :
S2-0-3FT-COMP

Tgt Ion:330 Resp: 40942

Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.3	115.9
141	48.3	32.1	48.1#

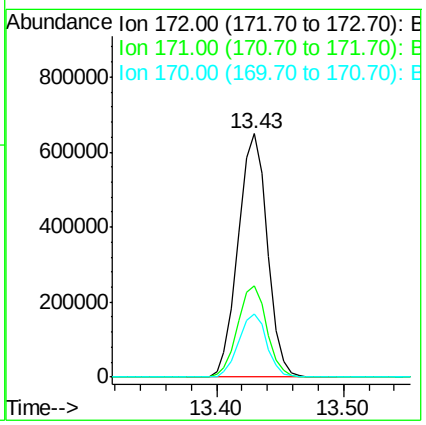


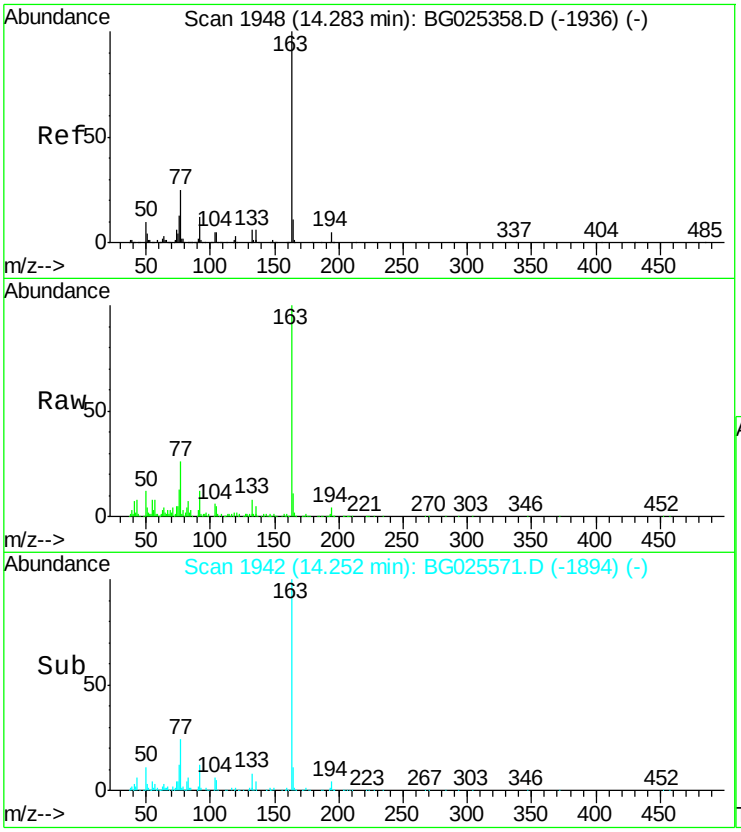


#44
2-Fluorobiphenyl
Concen: 70.34 ng
RT: 13.43 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Tgt Ion:172 Resp: 1038260

Ion	Ratio	Lower	Upper
172	100		
171	37.5	32.2	48.2
170	25.7	21.8	32.6



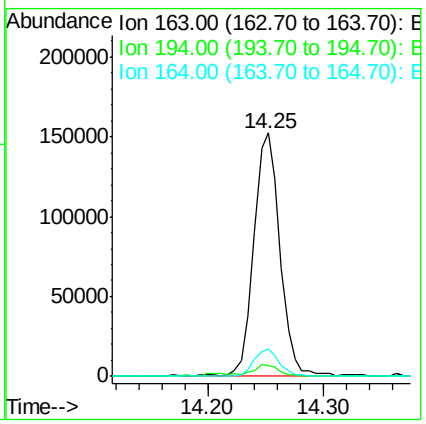


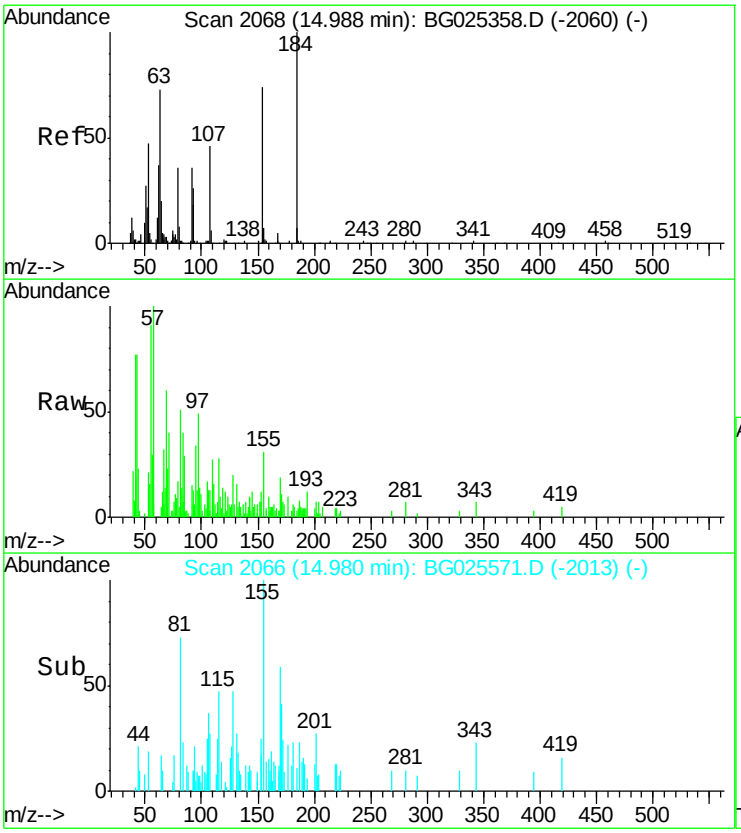
#49
Dimethylphthalate
Concen: 13.67 ng
RT: 14.25 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Instrument :
BNA_G
ClientSampleId :
S2-0-3FT-COMP

Tgt Ion:163 Resp: 238223

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.8	5.6
164	11.3	9.3	13.9

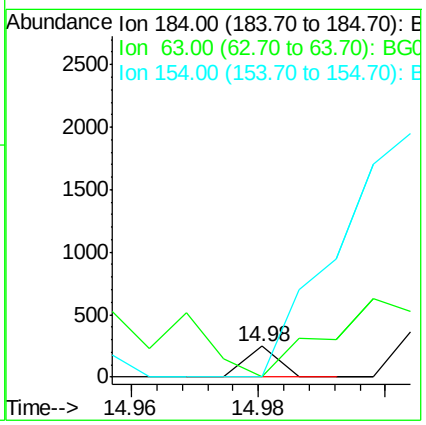


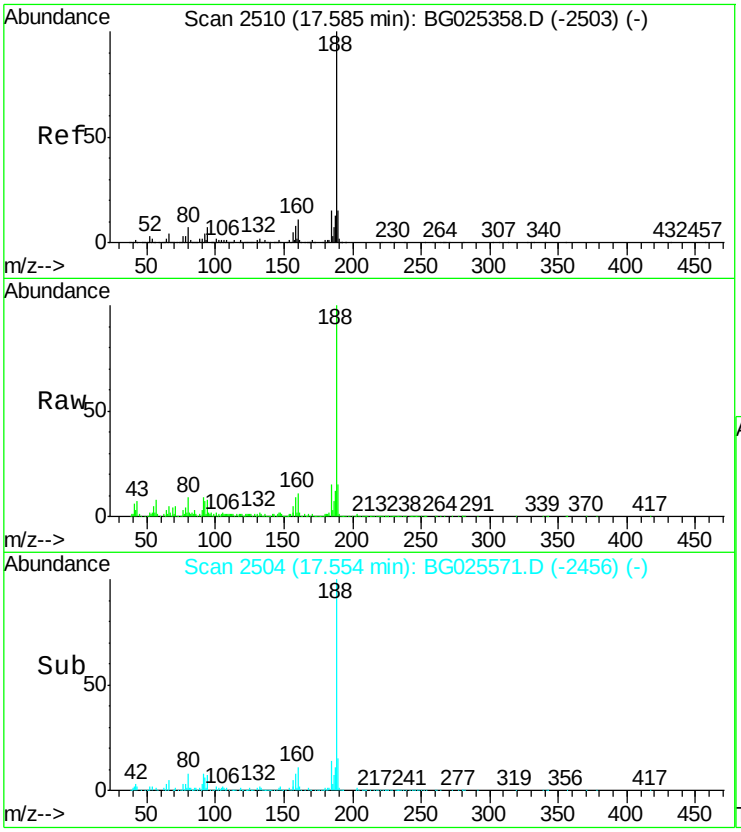


#53
2,4-Dinitrophenol
Concen: 5.11 ng
RT: 14.98 min Scan# 2066
Delta R.T. 0.01 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Tgt Ion:184 Resp: 87

Ion	Ratio	Lower	Upper
184	100		
63	0.0	52.7	79.1#
154	0.0	57.3	85.9#



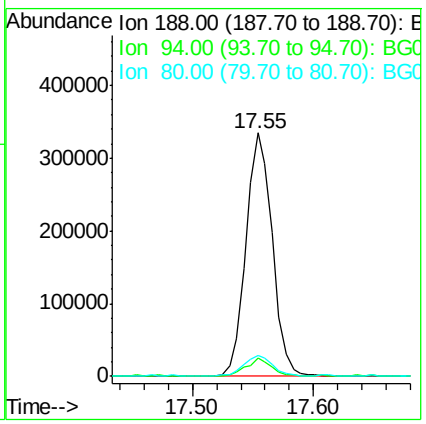


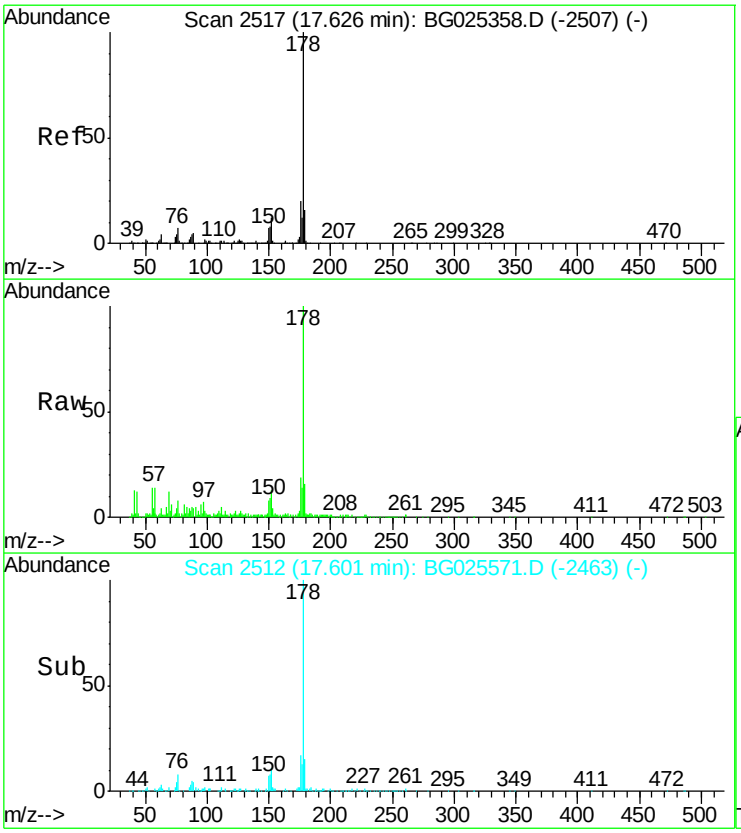
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.02 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Instrument :
BNA_G
ClientSampleId :
S2-0-3FT-COMP

Tgt Ion:188 Resp: 509162

Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.8	8.8
80	8.6	7.5	11.3

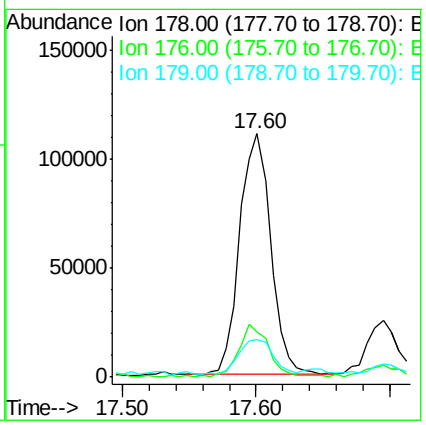


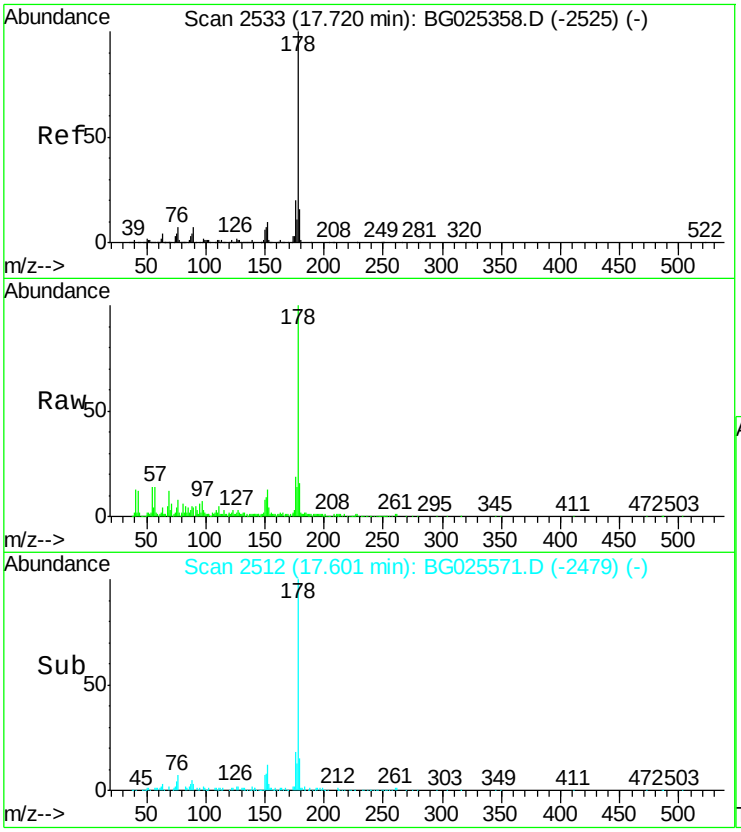


#70
Phenanthrene
Concen: 6.75 ng
RT: 17.60 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Tgt Ion:178 Resp: 177191

Ion	Ratio	Lower	Upper
178	100		
176	18.7	17.7	26.5
179	15.6	15.0	22.6



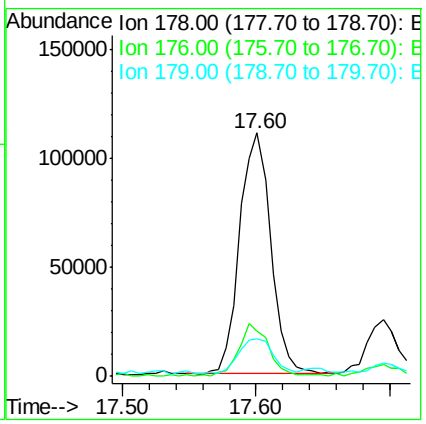


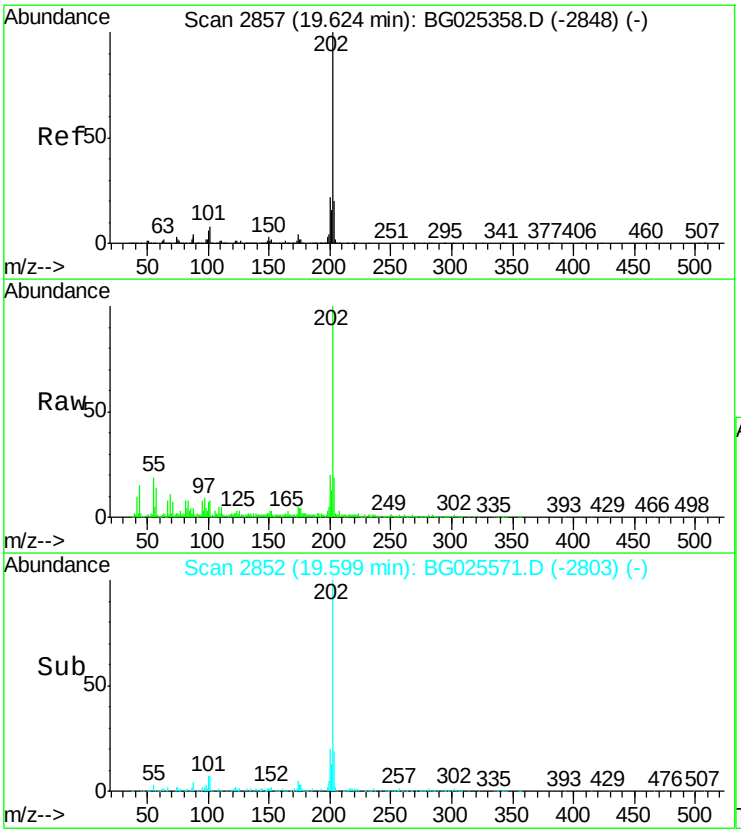
#71
Anthracene
Concen: 6.65 ng
RT: 17.60 min Scan# 2512
Delta R.T. -0.11 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Instrument :
BNA_G
ClientSampleId :
S2-0-3FT-COMP

Tgt Ion:178 Resp: 177191

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.4	24.6
179	15.6	13.8	20.8

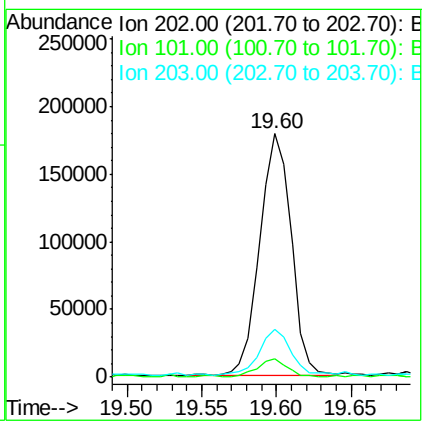


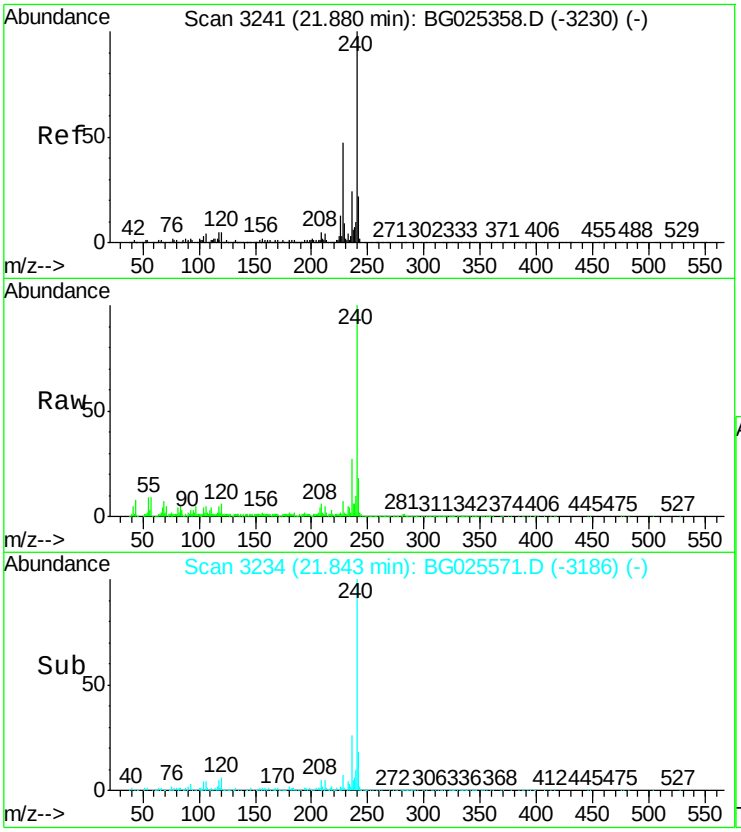


#74
Fluoranthene
Concen: 7.60 ng
RT: 19.60 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Tgt Ion:202 Resp: 263327

Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	30.1
203	19.4	1.3	41.3



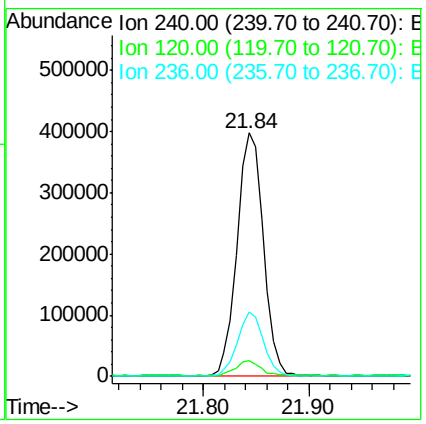


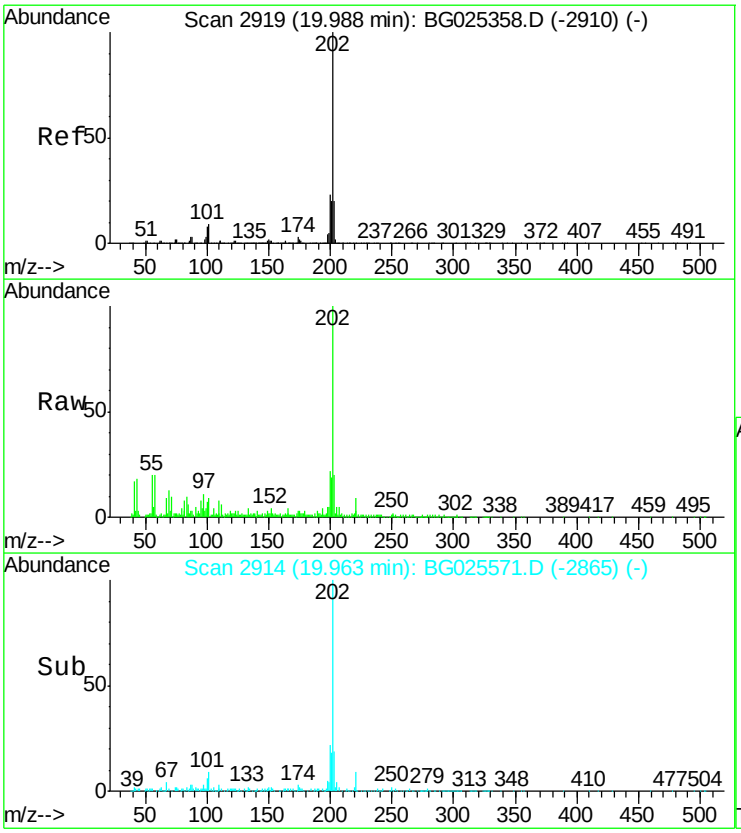
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3234
Delta R.T. -0.02 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Instrument :
BNA_G
ClientSampleId :
S2-0-3FT-COMP

Tgt Ion:240 Resp: 683731

Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.7	8.5
236	26.6	22.2	33.4

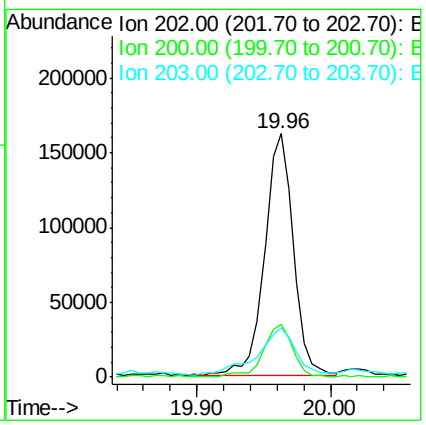


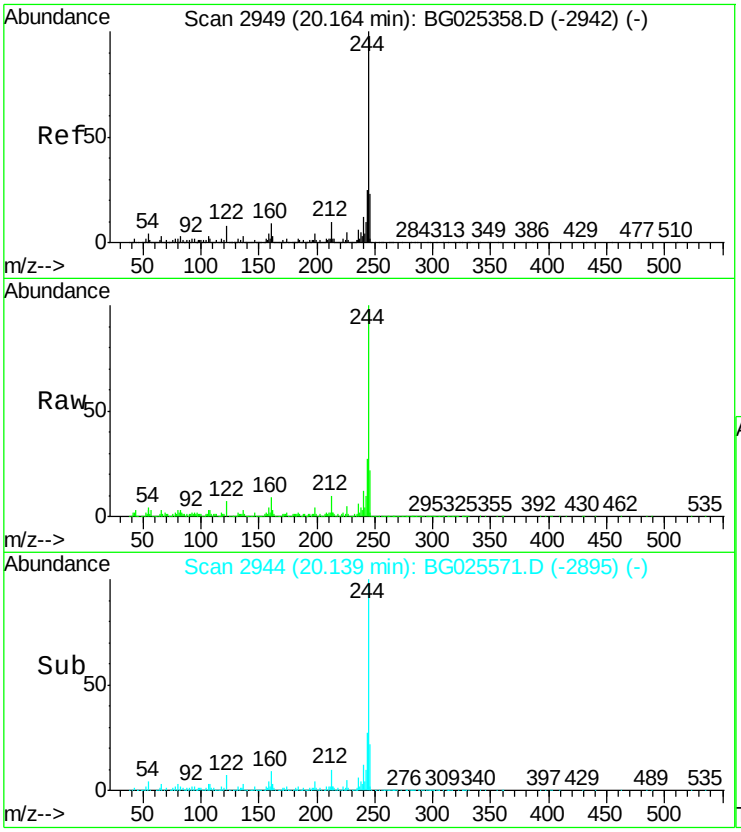


#77
Pyrene
Concen: 6.77 ng
RT: 19.96 min Scan# 2914
Delta R.T. -0.01 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Tgt Ion:202 Resp: 242060

Ion	Ratio	Lower	Upper
202	100		
200	21.9	19.6	29.4
203	20.0	15.8	23.8



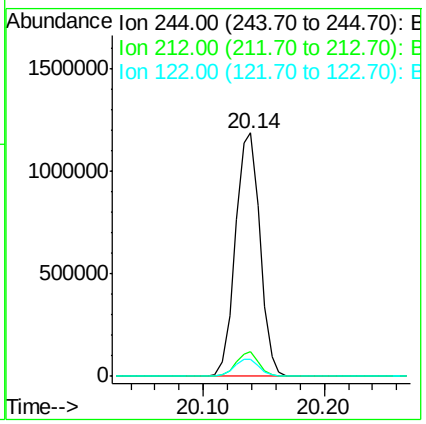


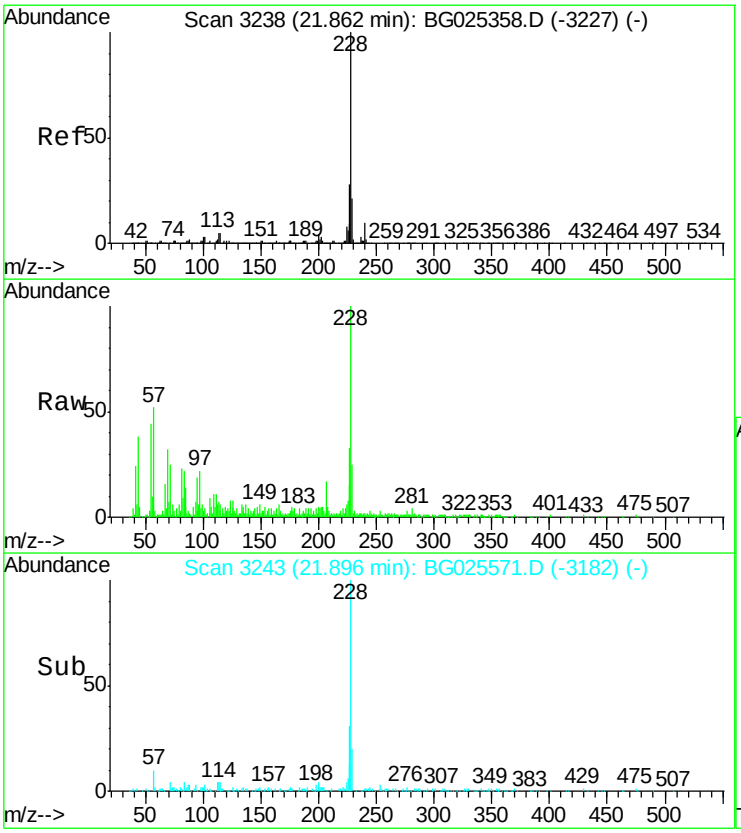
#78
Terphenyl-d14
Concen: 65.36 ng
RT: 20.14 min Scan# 2944
Delta R.T. -0.01 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Instrument :
BNA_G
ClientSampleId :
S2-0-3FT-COMP

Tgt Ion:244 Resp: 1685377

Ion	Ratio	Lower	Upper
244	100		
212	10.1	10.0	15.0
122	7.3	8.6	12.8#

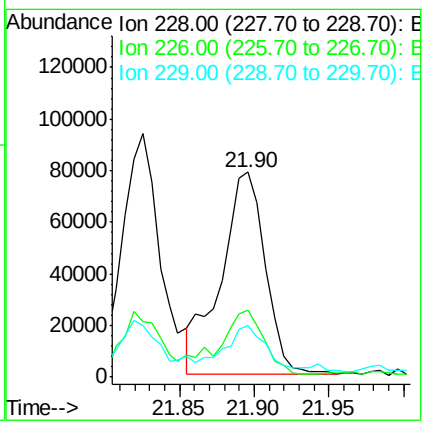


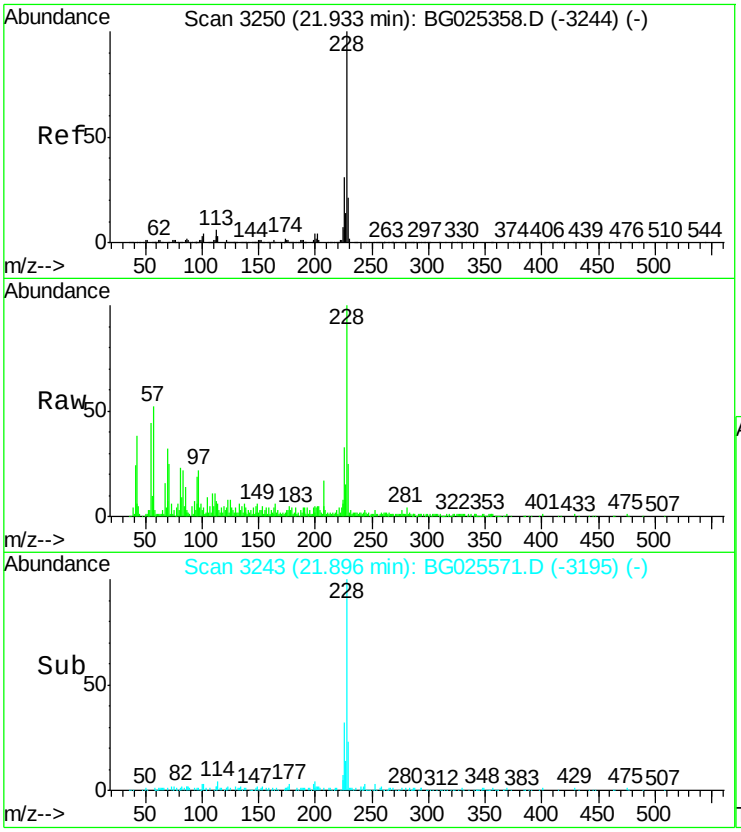


#80
Benzo(a)anthracene
Concen: 4.27 ng
RT: 21.90 min Scan# 3243
Delta R.T. 0.06 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Tgt Ion:228 Resp: 162999

Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.9	37.3
229	25.0	18.2	27.2



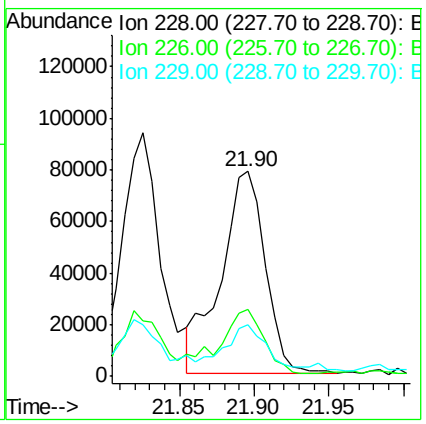


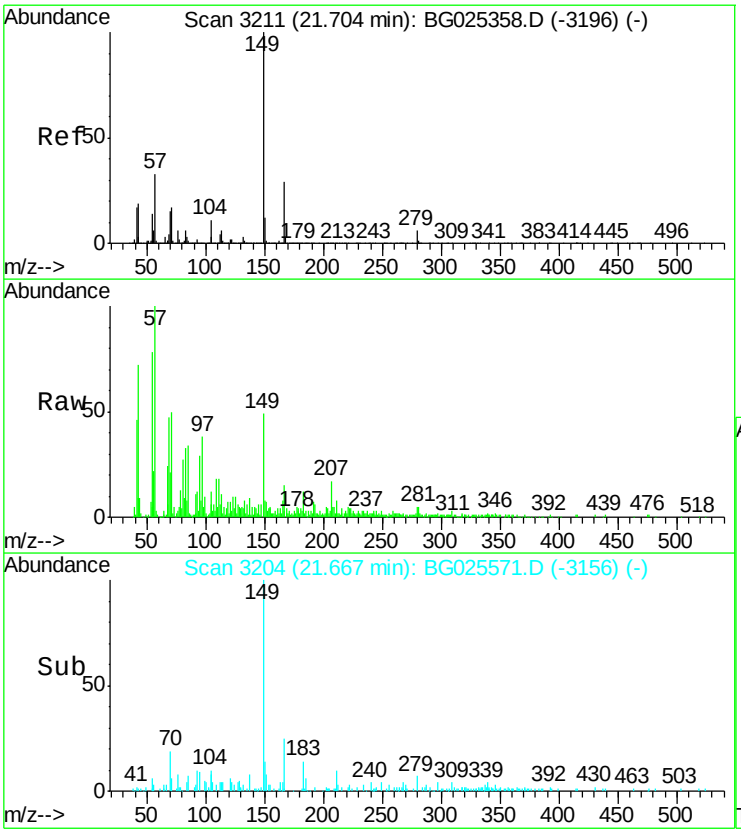
#82
Chrysene
Concen: 4.46 ng
RT: 21.90 min Scan# 3243
Delta R.T. -0.02 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Instrument :
BNA_G
ClientSampleId :
S2-0-3FT-COMP

Tgt Ion:228 Resp: 162999

Ion	Ratio	Lower	Upper
228	100		
226	32.7	27.0	40.4
229	25.0	17.8	26.6

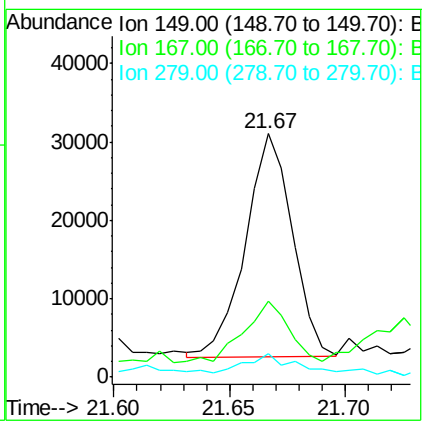


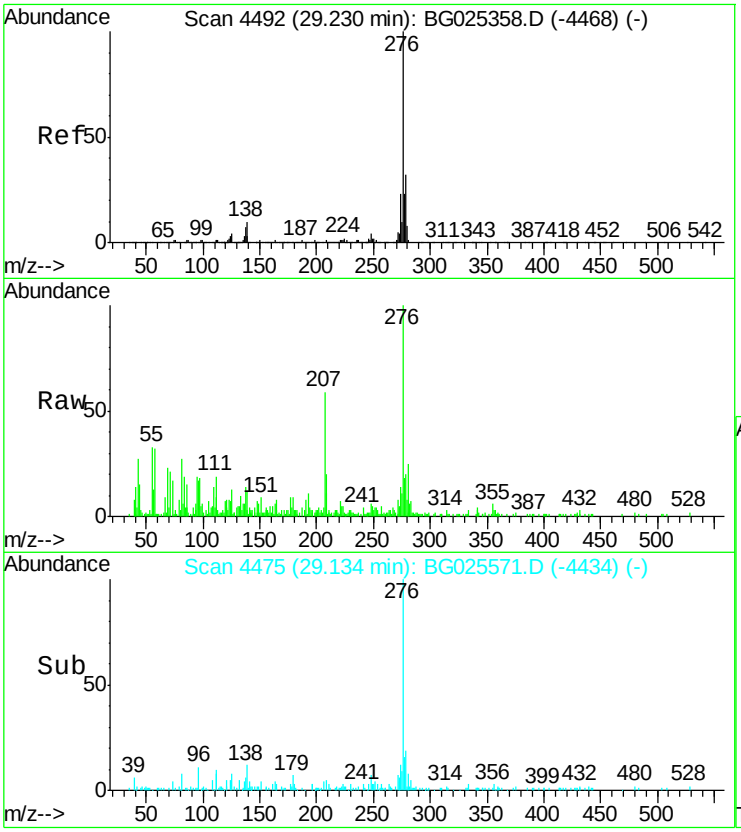


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.02 ng
RT: 21.67 min Scan# 3204
Delta R.T. -0.02 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Tgt Ion:149 Resp: 40285

Ion	Ratio	Lower	Upper
149	100		
167	31.4	23.7	35.5
279	9.5	4.6	6.8#



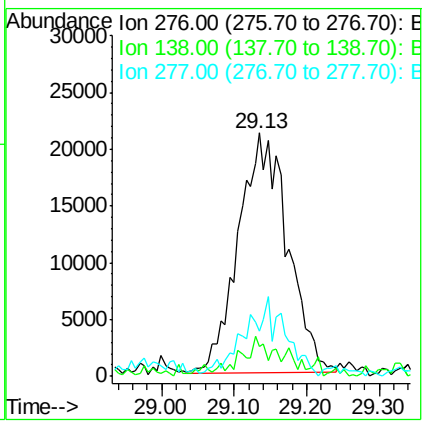


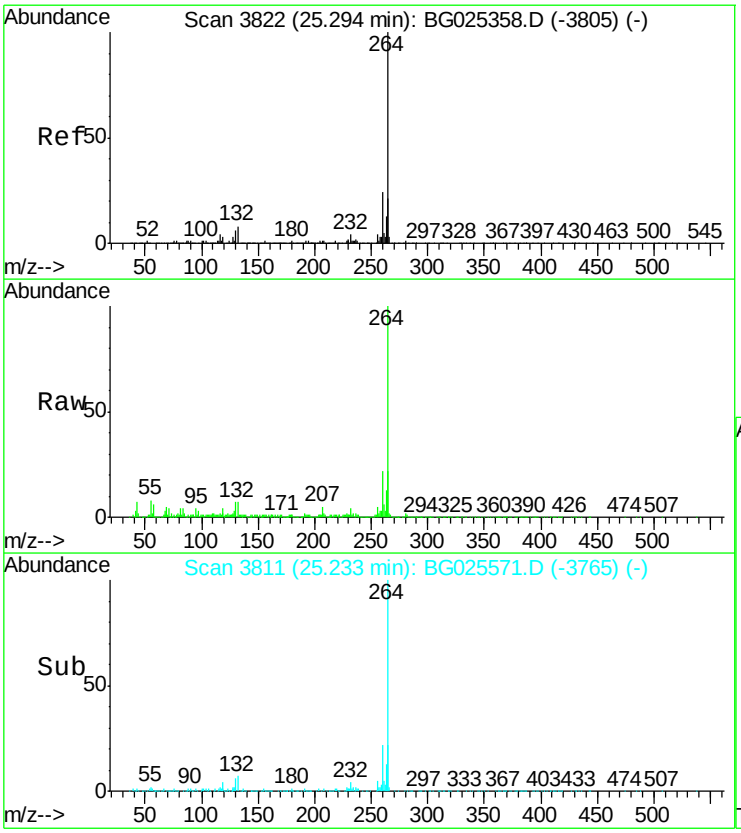
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.15 ng
RT: 29.13 min Scan# 4475
Delta R.T. -0.06 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Instrument :
BNA_G
ClientSampleId :
S2-0-3FT-COMP

Tgt Ion:276 Resp: 99912

Ion	Ratio	Lower	Upper
276	100		
138	5.2	4.7	7.1
277	10.7	20.6	31.0#

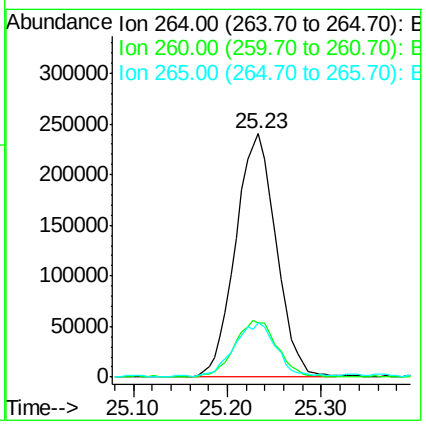


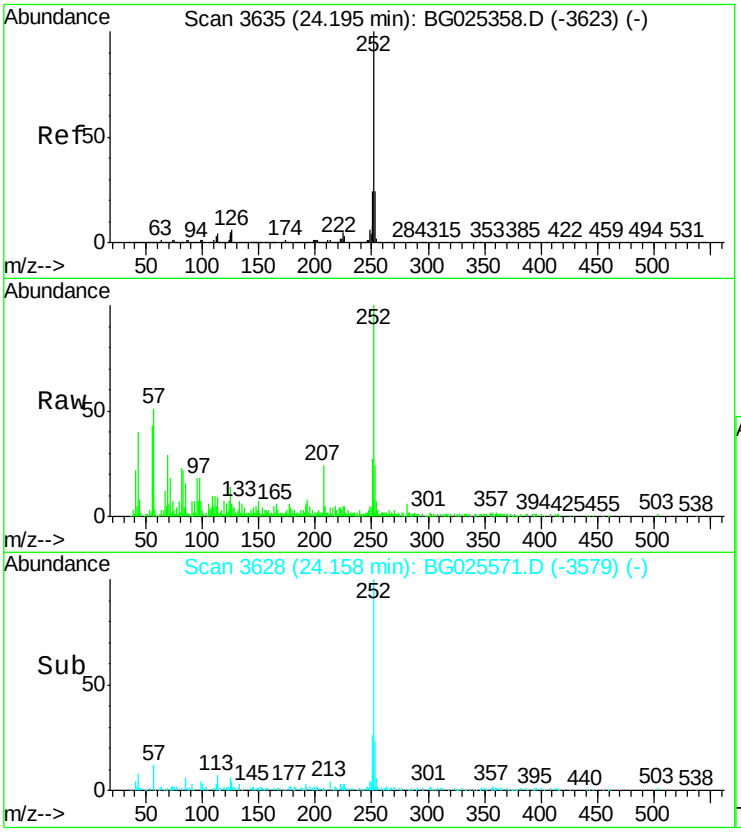


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.23 min Scan# 3811
Delta R.T. -0.03 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Tgt Ion:264 Resp: 715521

Ion	Ratio	Lower	Upper
264	100		
260	22.3	21.8	32.8
265	22.2	18.2	27.4



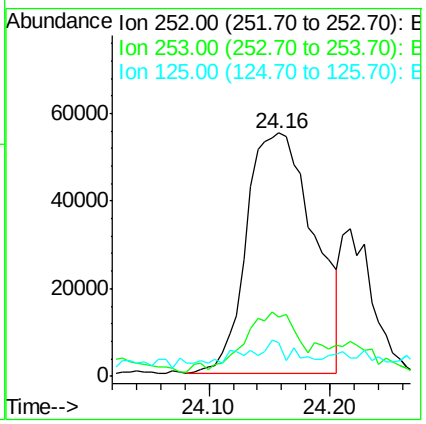


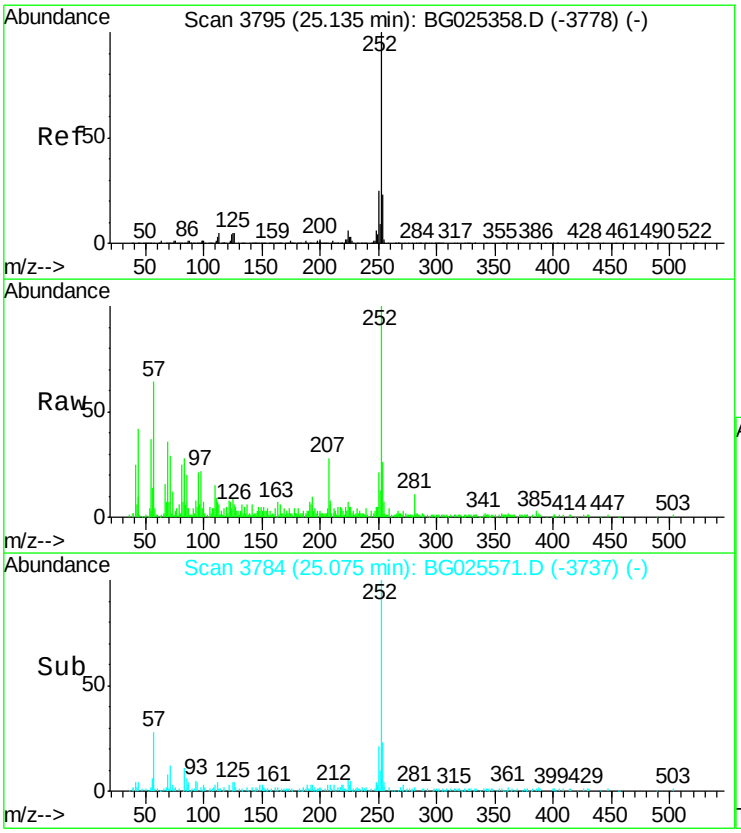
#87
Benzo(b)fluoranthene
Concen: 5.42 ng
RT: 24.16 min Scan# 3628
Delta R.T. -0.01 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Instrument :
BNA_G
ClientSampleId :
S2-0-3FT-COMP

Tgt Ion:252 Resp: 211784

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.7	28.1
125	14.0	5.3	7.9#

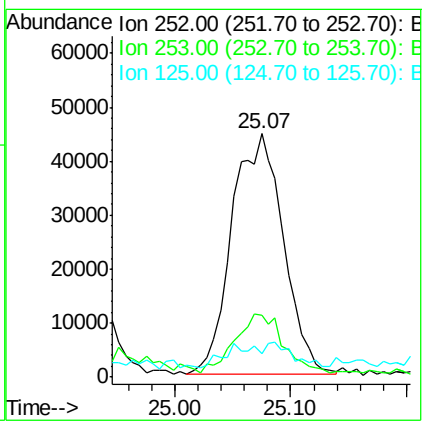


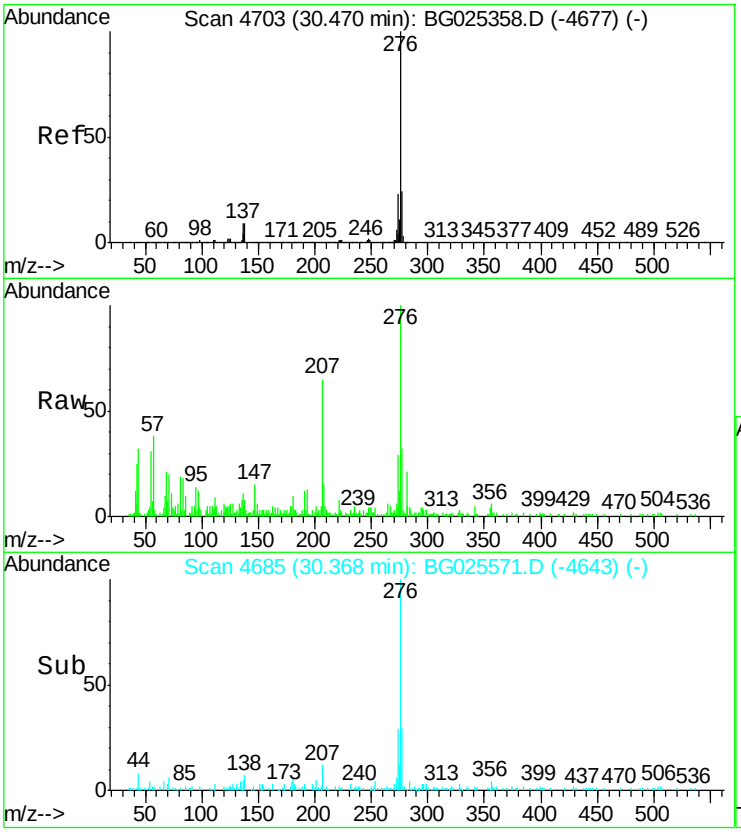


#89
Benzo(a)pyrene
Concen: 3.68 ng
RT: 25.07 min Scan# 3784
Delta R.T. -0.03 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Tgt Ion:252 Resp: 138703

Ion	Ratio	Lower	Upper
252	100		
253	25.5	19.2	28.8
125	9.4	5.4	8.0#





#91
Benzo(g,h,i)perylene
Concen: 2.40 ng
RT: 30.37 min Scan# 4685
Delta R.T. -0.06 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Instrument :
BNA_G
ClientSampleId :
S2-0-3FT-COMP

Tgt Ion:276 Resp: 95430

Ion	Ratio	Lower	Upper
276	100		
277	31.8	18.6	27.8#
138	8.2	8.1	12.1