Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG092316\
Data File : BG024091.D
Acq On : 23 Sep 2016 17:30
Operator : UM/SJ
Sample : H4803-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PT-BN-WP

Quant Time: Sep 27 16:04:47 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 15:35:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	43397	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	207504	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	174930	20.00	ng		0.00
63) Phenanthrene-d10	17.48	188	385614	20.00	ng		0.00
75) Chrysene-d12	21.79	240	410497	20.00	ng		0.00
86) Perylene-d12	25.13	264	396314	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	344947	137.71	ng		0.00
7) Phenol-d6	7.21	99	553131	131.23	ng		0.00
23) Nitrobenzene-d5	9.22	82	421089	79.98	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	300901	119.67	ng		0.00
44) 2-Fluorobiphenyl	13.33	172	882591	84.81	ng		0.00
78) Terphenyl-d14	20.10	244	1496258	74.64	ng		0.00
Target Compounds							Qvalue
11) bis(2-Chloroethyl)ether	7.45	93	483571	138.39	ng		88
12) 1,3-Dichlorobenzene	7.93	146	492868	147.39	ng		98
13) 1,4-Dichlorobenzene	8.08	146	226327	66.32	ng		97
14) 1,2-Dichlorobenzene	8.40	146	337180	101.51	ng		92
24) Nitrobenzene	9.26	77	220073	38.99	ng		97
25) Isophorone	9.78	82	217094	20.22	ng		98
31) Naphthalene	10.93	128	206702	19.66	ng		97
34) Hexachlorobutadiene	11.20	225	229410	78.15	ng		96
37) 2-Methylnaphthalene	12.54	142	551630	68.53	ng		99
48) Acenaphthylene	14.44	152	2024392	133.51	ng		97
49) Dimethylphthalate	14.16	163	1135562	84.62	ng		98
51) Acenaphthene	14.78	154	595670	64.77	ng		98
57) Fluorene	15.78	166	1779415	142.78	ng		98
59) Diethylphthalate	15.53	149	1158680	80.18	ng		99
60) 4-Chlorophenyl-phenylether	15.76	204	841544	126.04	ng		94
66) 4-Bromophenyl-phenylether	16.66	248	723230	161.69	ng		98
67) Hexachlorobenzene	16.79	284	444324	88.16	ng		96
71) Anthracene	17.62	178	1188867	58.93	ng		98
73) Di-n-butylphthalate	18.43	149	1377909	56.05	ng		98
74) Fluoranthene	19.55	202	3214019	125.34	ng		89
79) Butylbenzylphthalate	20.78	149	1293721	122.57	ng		99
80) Benzo(a)anthracene	21.77	228	1042609	44.62	ng		95
82) Chrysene	21.85	228	1868147	85.05	ng		96
83) Bis(2-ethylhexyl)phthalate	21.65	149	721223	57.19	ng		94
85) Indeno(1,2,3-cd)pyrene	28.97	276	1560374	63.70	ng	#	100
87) Benzo(b)fluoranthene	24.07	252	1654326	71.75	ng		99
89) Benzo(a)pyrene	25.00	252	2877811	129.11	ng	#	96
91) Benzo(g,h,i)perylene	30.20	276	2584411	115.25	ng	#	95

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

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Data Path : Z:\HPCHEM1\BNA_G\Data\BG092316\
Data File : BG024091.D
Acq On : 23 Sep 2016 17:30
Operator : UM/SJ
Sample : H4803-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Quant Time: Sep 27 16:04:47 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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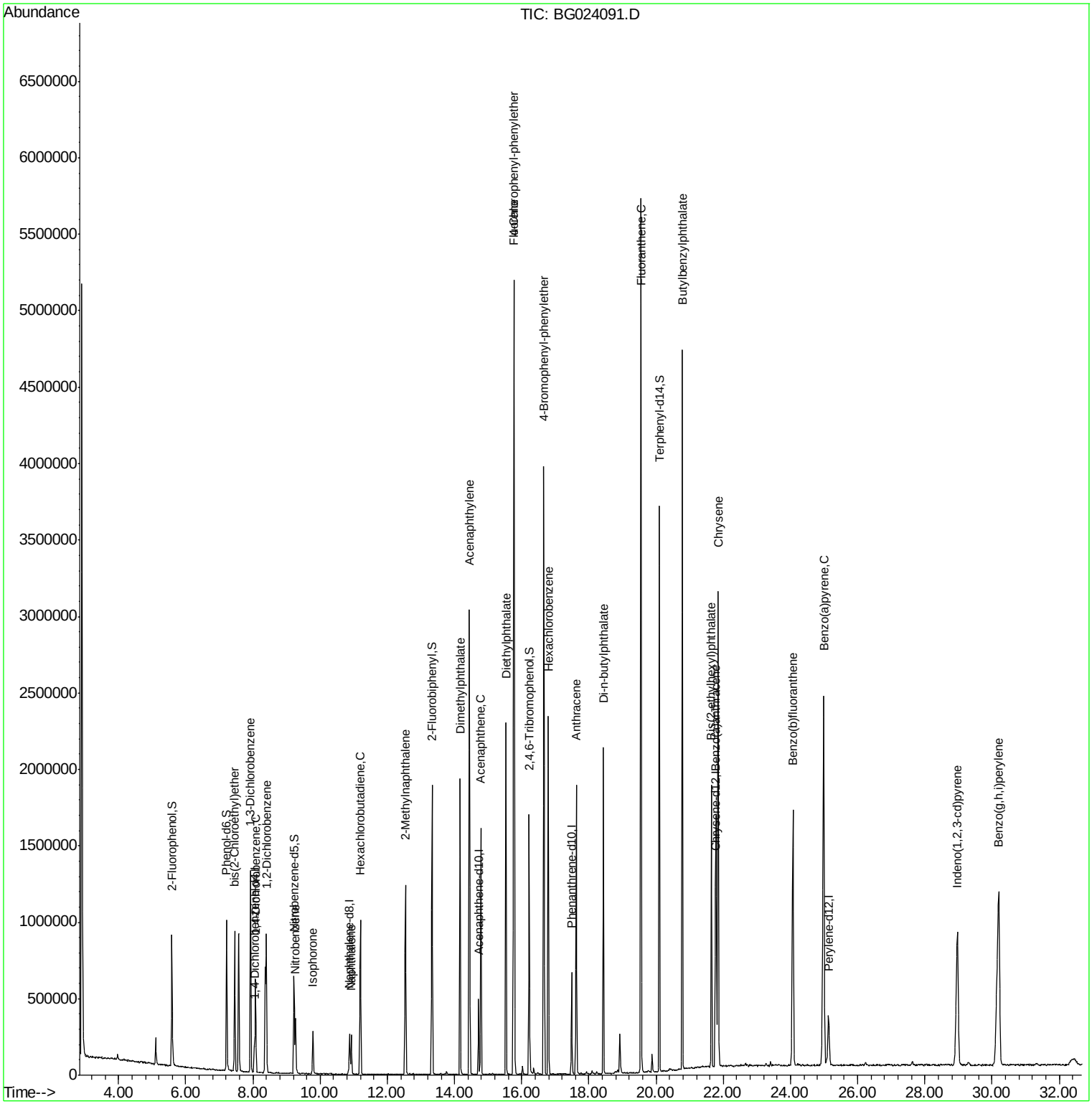
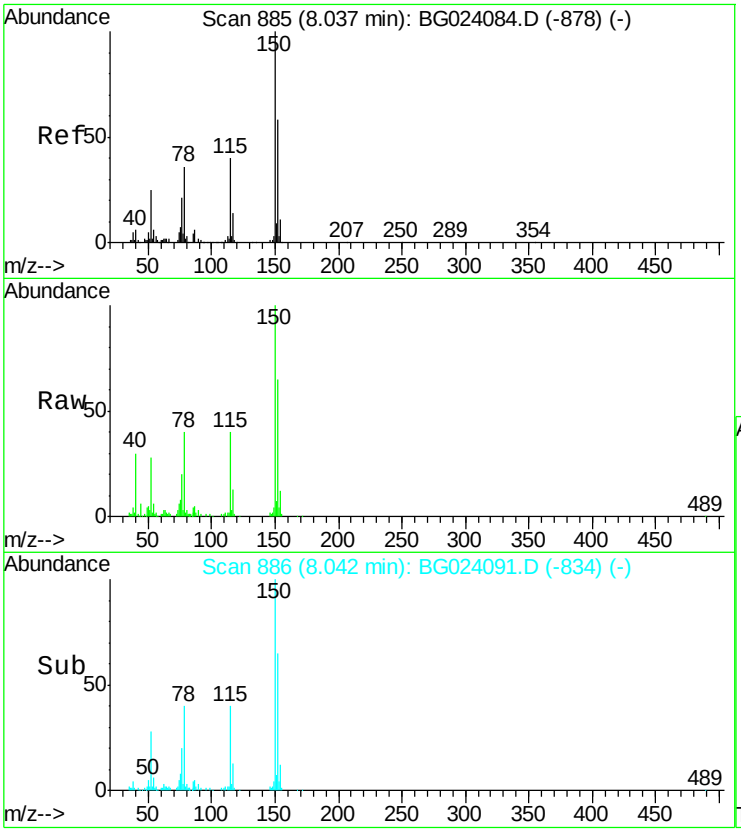


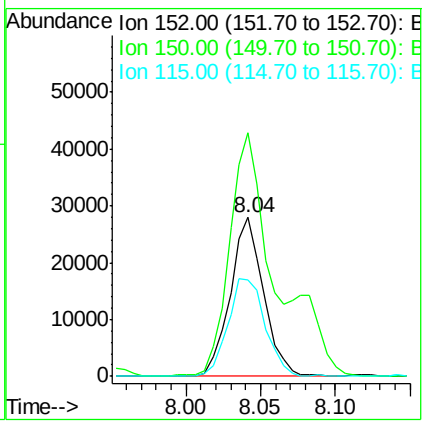


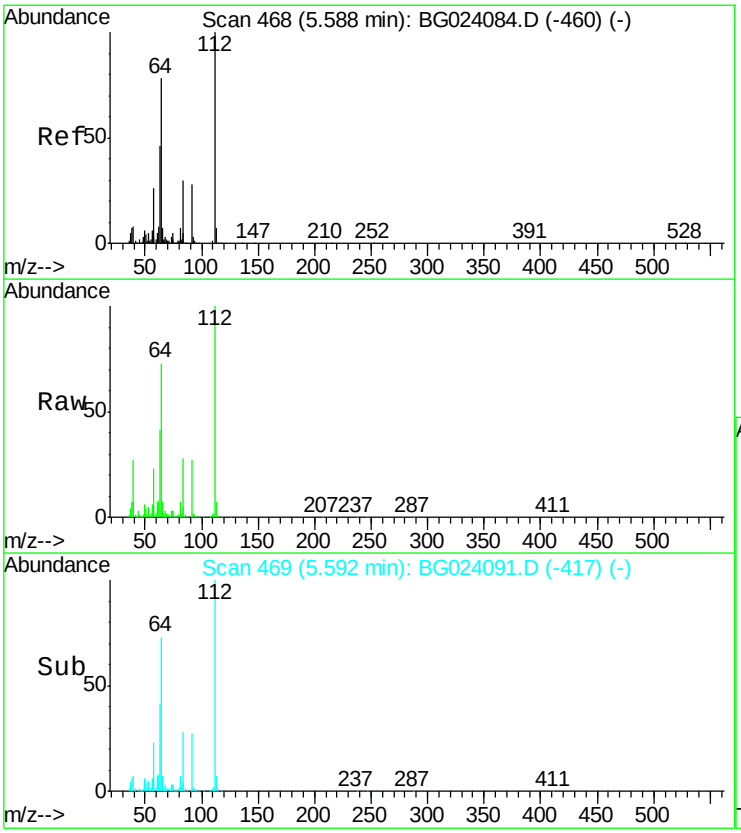
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 886
Delta R.T. 0.00 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tgt Ion:152 Resp: 43397

Ion	Ratio	Lower	Upper
152	100		
150	153.5	144.7	217.1
115	60.9	64.0	96.0#

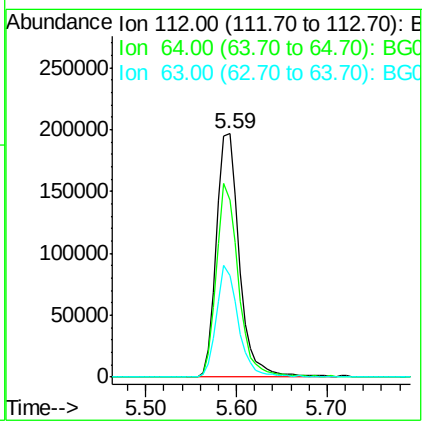


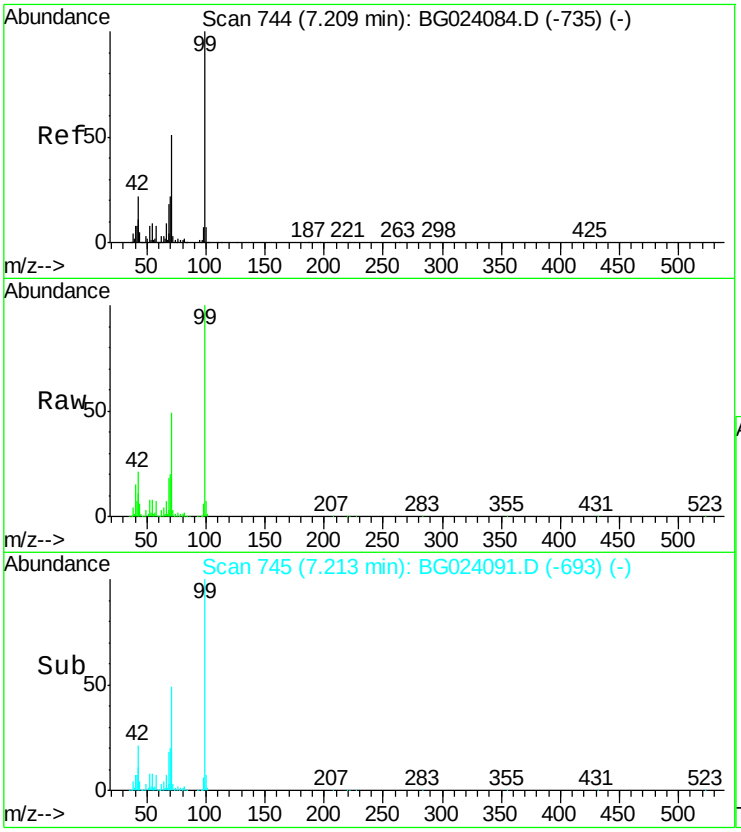


#5
2-Fluorophenol
Concen: 137.71 ng
RT: 5.59 min Scan# 469
Delta R.T. 0.01 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Tgt Ion:112 Resp: 344947

Ion	Ratio	Lower	Upper
112	100		
64	72.9	59.0	88.4
63	41.5	37.8	56.8



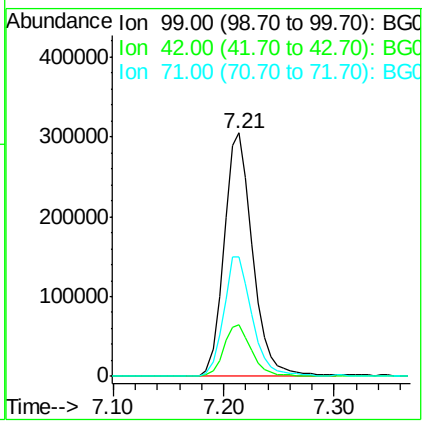


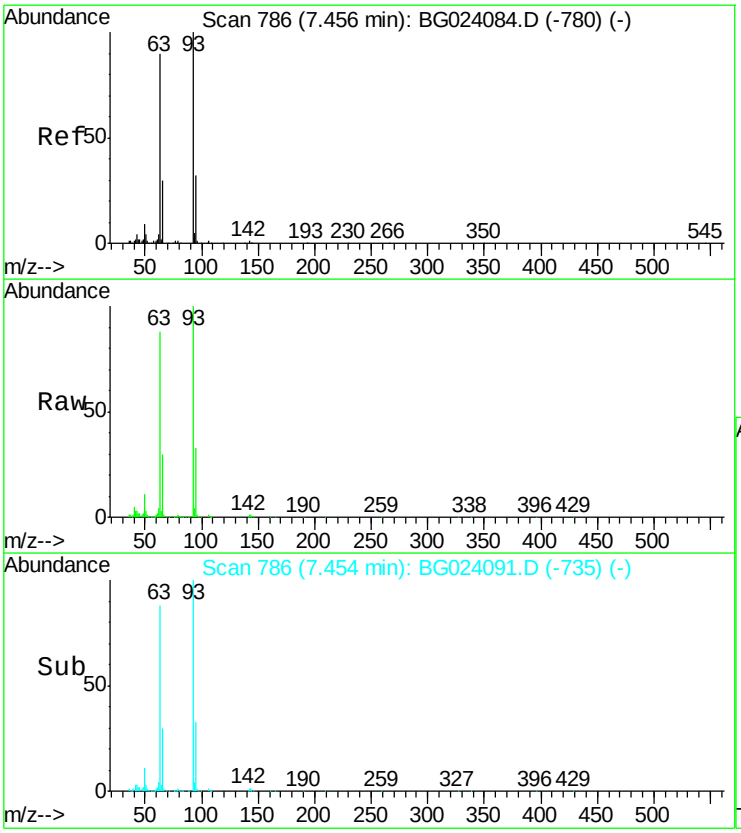
#7
Phenol-d6
Concen: 131.23 ng
RT: 7.21 min Scan# 745
Delta R.T. 0.00 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tgt Ion: 99 Resp: 553131

Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.8	26.6
71	48.8	41.5	62.3

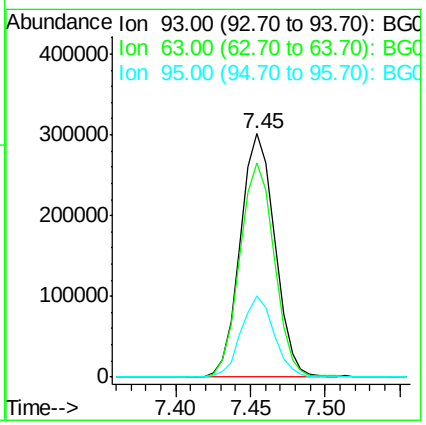


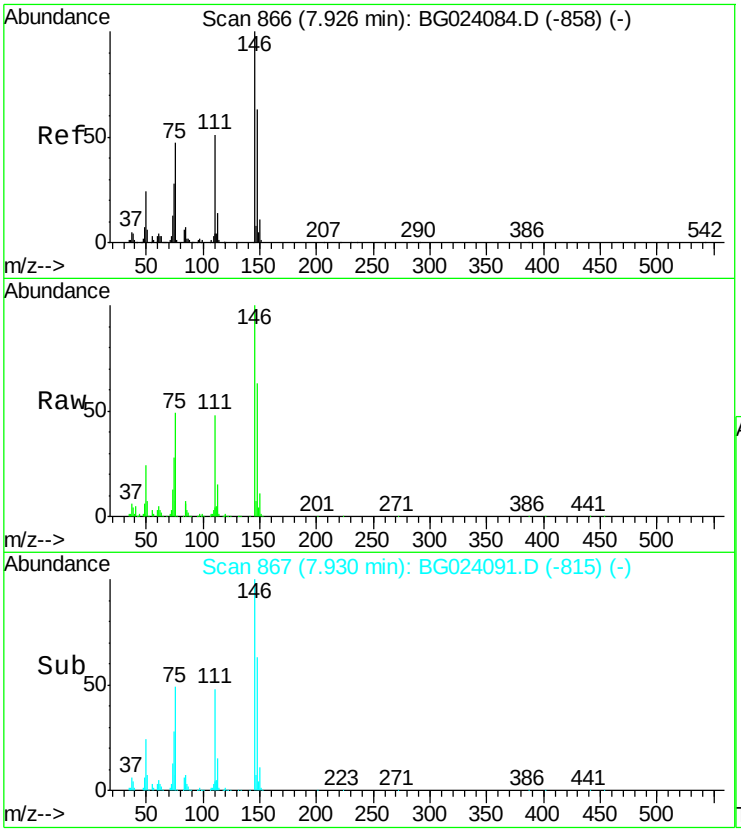


#11
bis(2-Chloroethyl)ether
Concen: 138.39 ng
RT: 7.45 min Scan# 786
Delta R.T. -0.00 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Tgt Ion: 93 Resp: 483571

Ion	Ratio	Lower	Upper
93	100		
63	88.0	55.0	95.0
95	33.1	11.0	51.0



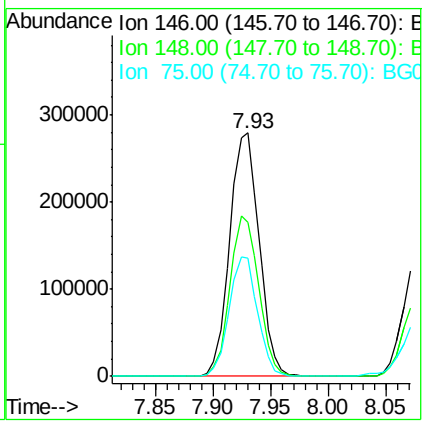


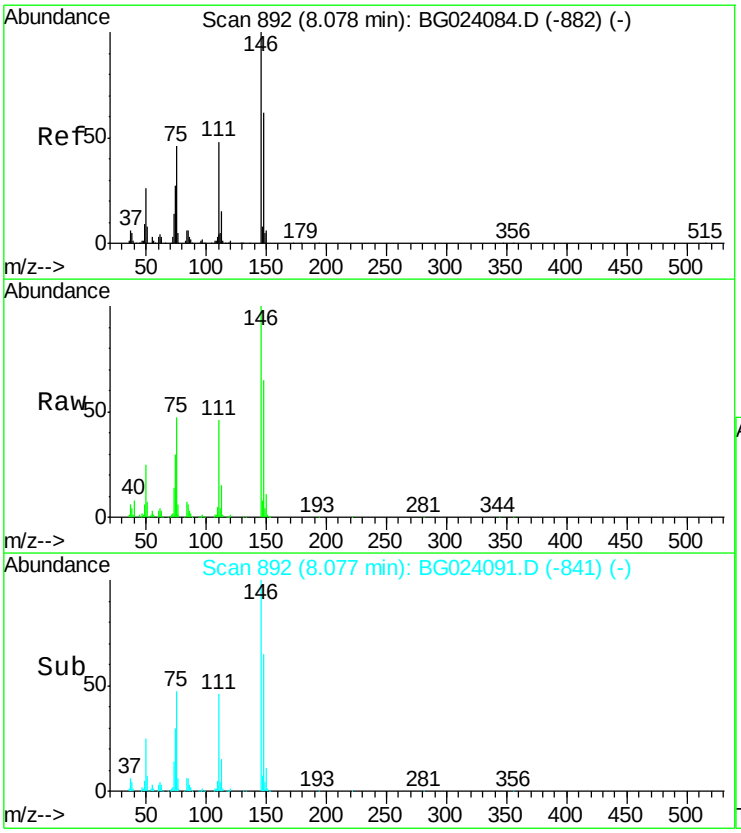
#12
1,3-Dichlorobenzene
Concen: 147.39 ng
RT: 7.93 min Scan# 867
Delta R.T. 0.00 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tgt Ion:146 Resp: 492868

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.3	75.5
75	48.8	37.0	55.6

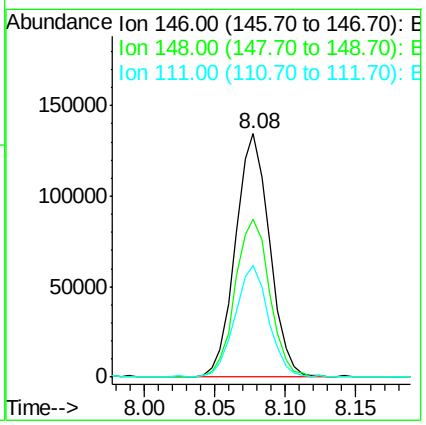


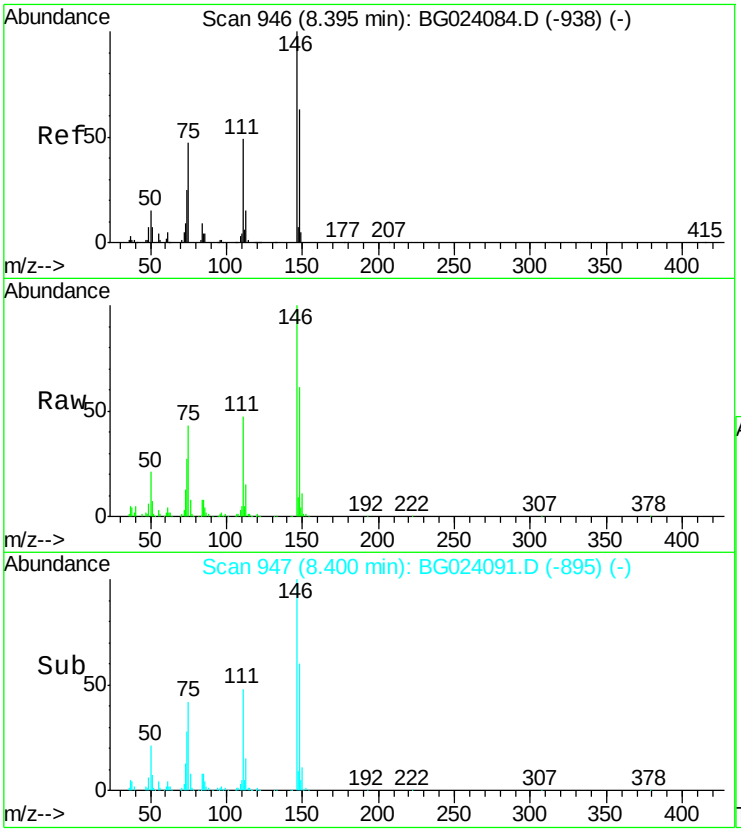


#13
1,4-Dichlorobenzene
Concen: 66.32 ng
RT: 8.08 min Scan# 892
Delta R.T. -0.00 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Tgt Ion:146 Resp: 226327

Ion	Ratio	Lower	Upper
146	100		
148	64.6	54.5	81.7
111	46.0	37.8	56.8



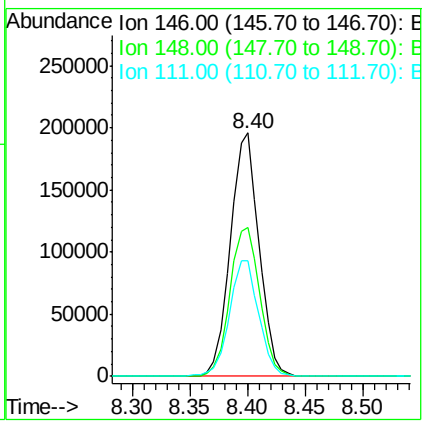


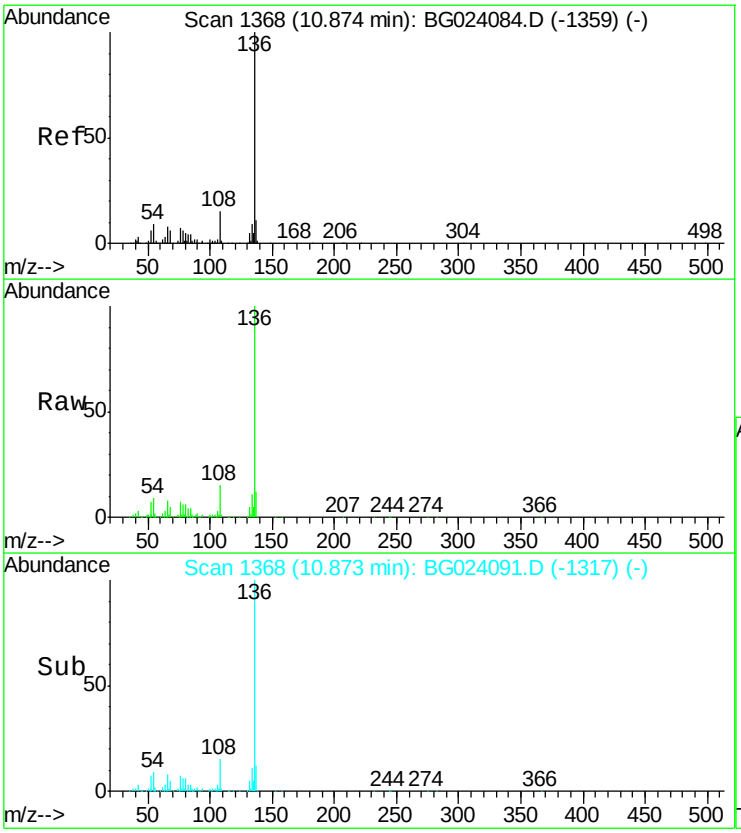
#14
1,2-Dichlorobenzene
Concen: 101.51 ng
RT: 8.40 min Scan# 947
Delta R.T. 0.00 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tgt Ion:146 Resp: 337180

Ion	Ratio	Lower	Upper
146	100		
148	61.1	52.9	79.3
111	47.4	43.5	65.3

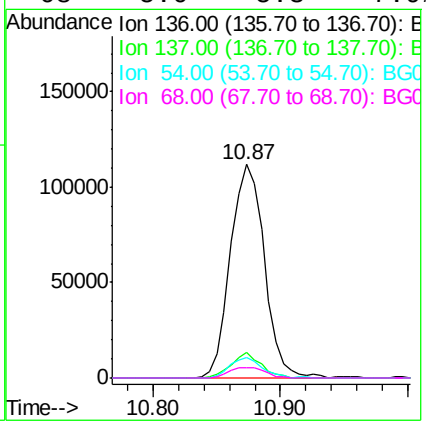


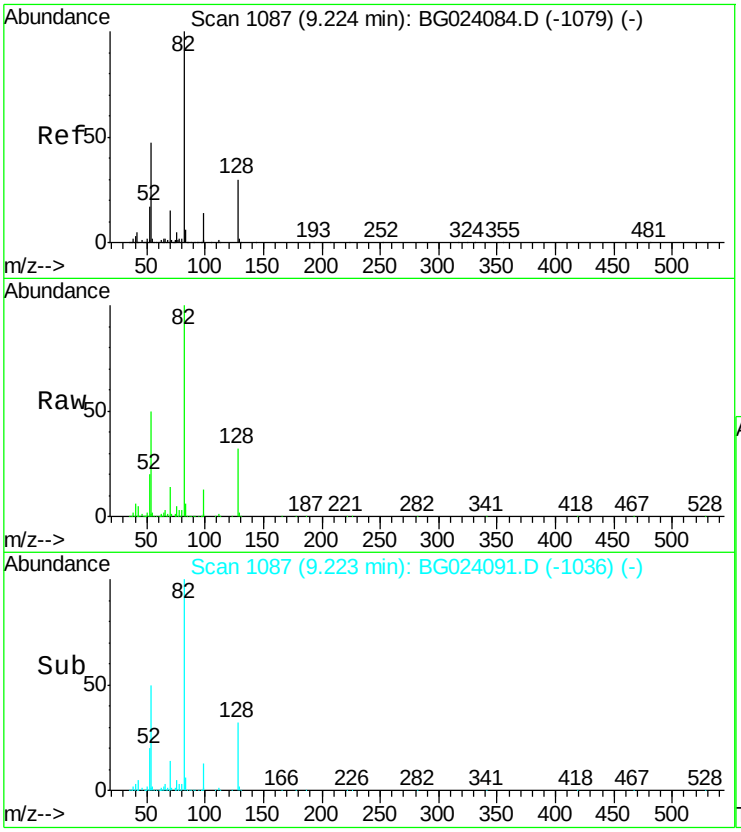


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Tgt Ion:136 Resp: 207504

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.6	14.4
54	9.3	7.3	10.9
68	5.0	5.3	7.9#



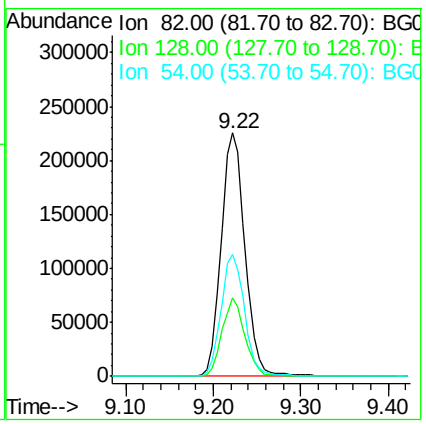


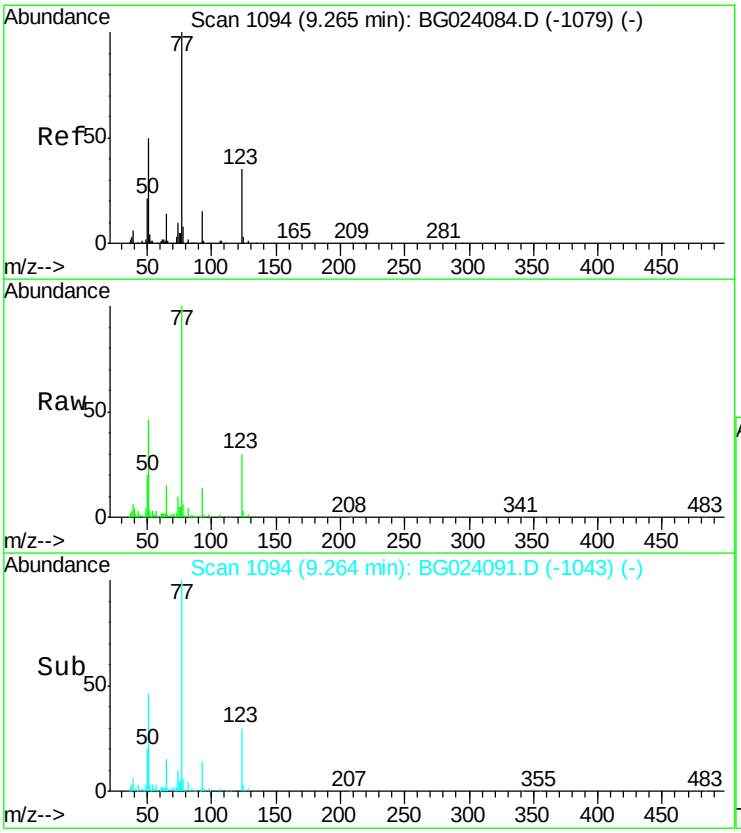
#23
Nitrobenzene-d5
Concen: 79.98 ng
RT: 9.22 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tgt Ion: 82 Resp: 421089

Ion	Ratio	Lower	Upper
82	100		
128	32.2	24.4	36.6
54	49.9	41.4	62.0

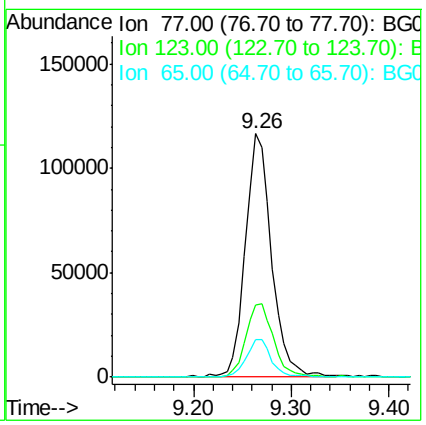


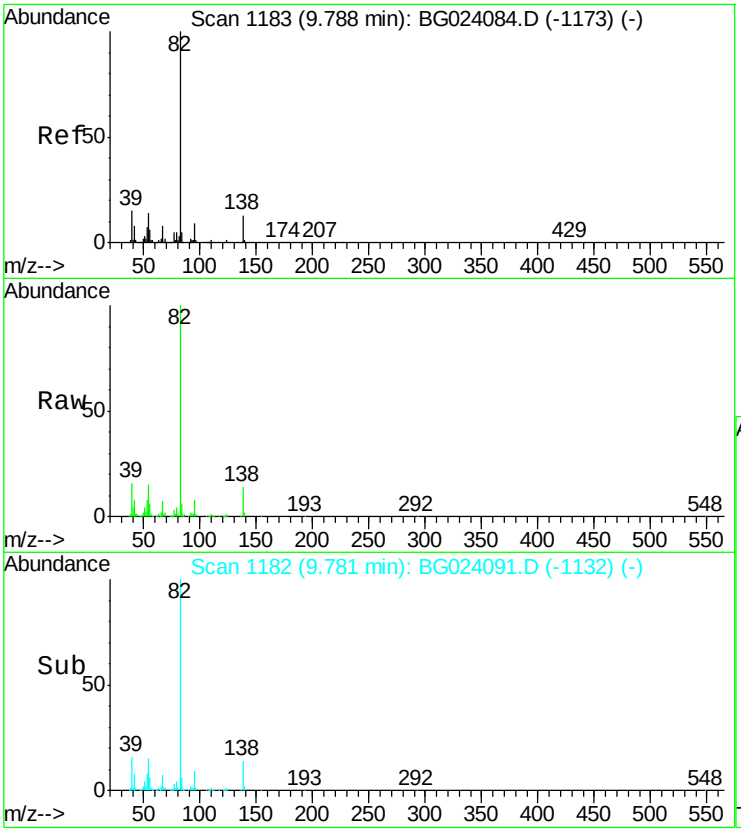


#24
Nitrobenzene
Concen: 38.99 ng
RT: 9.26 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Tgt Ion: 77 Resp: 220073

Ion	Ratio	Lower	Upper
77	100		
123	29.8	25.0	37.6
65	15.5	13.4	20.0



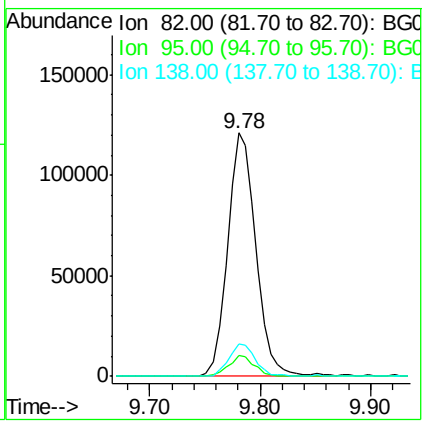


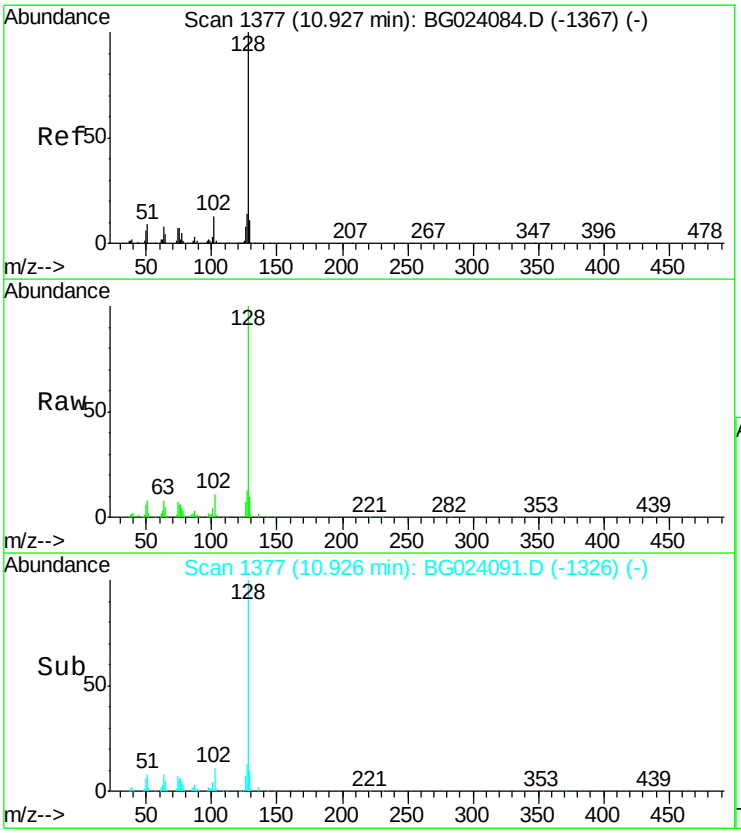
#25
Isophorone
Concen: 20.22 ng
RT: 9.78 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tgt Ion: 82 Resp: 217094

Ion	Ratio	Lower	Upper
82	100		
95	8.5	8.2	12.2
138	13.5	10.7	16.1

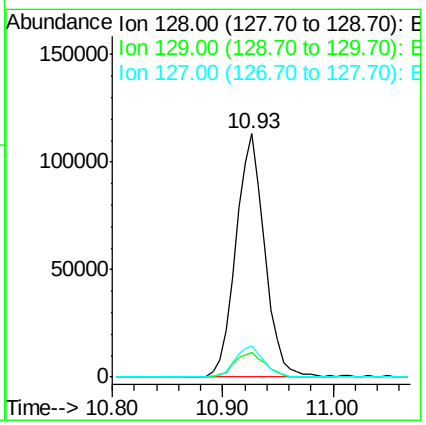


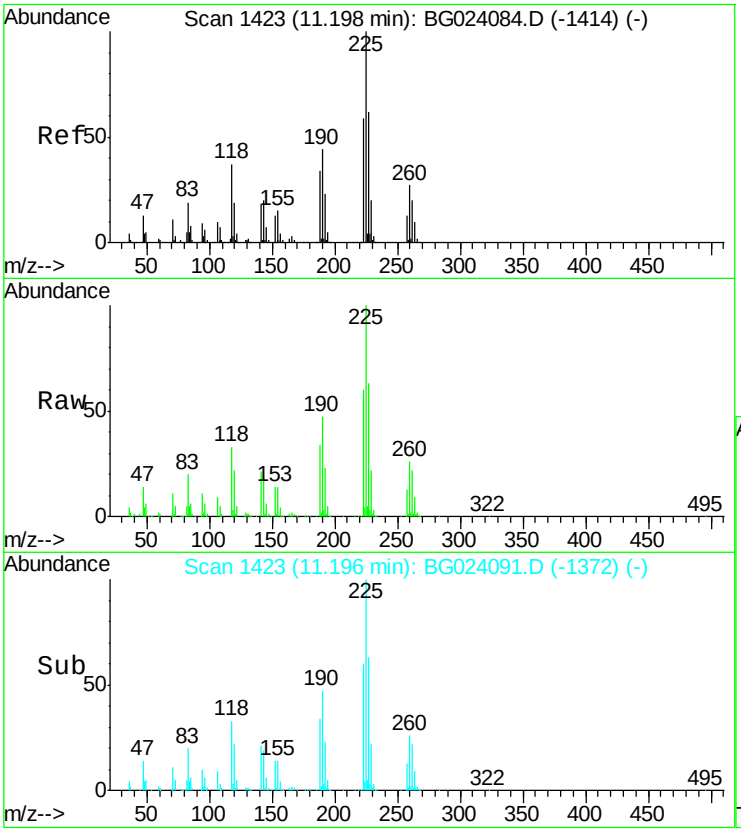


#31
Naphthalene
Concen: 19.66 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Tgt Ion:128 Resp: 206702

Ion	Ratio	Lower	Upper
128	100		
129	10.3	9.4	14.0
127	13.0	11.3	16.9



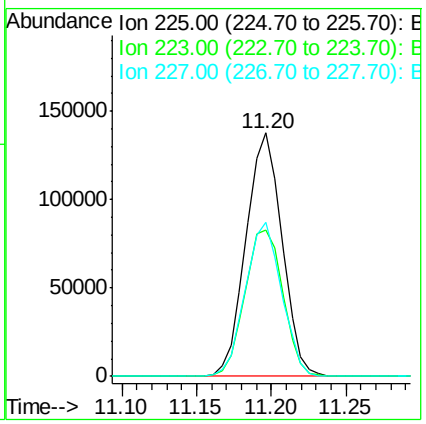


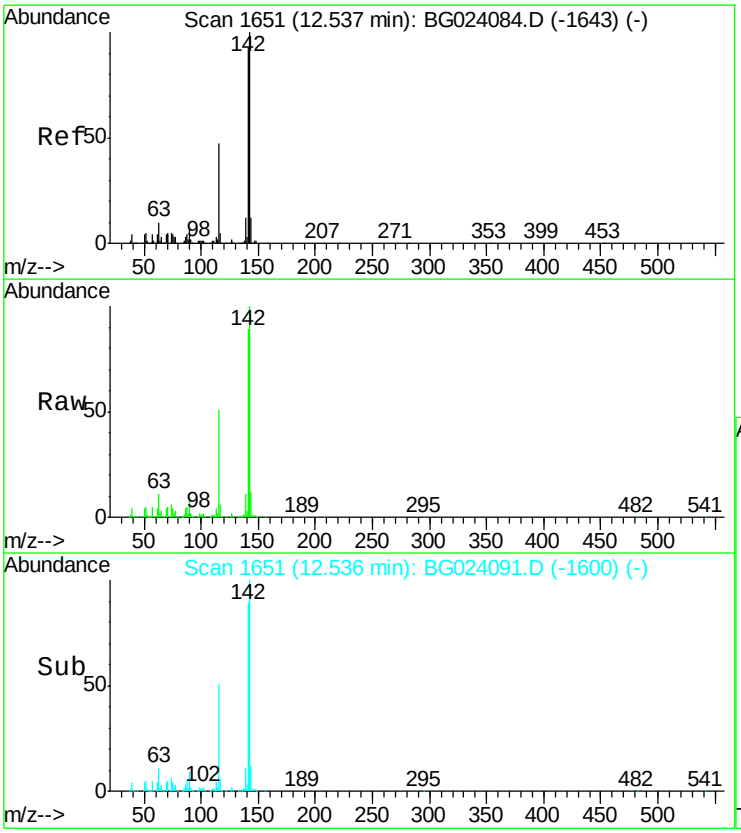
#34
Hexachlorobutadiene
Concen: 78.15 ng
RT: 11.20 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tgt Ion:225 Resp: 229410

Ion	Ratio	Lower	Upper
225	100		
223	60.3	49.6	74.4
227	63.4	54.5	81.7

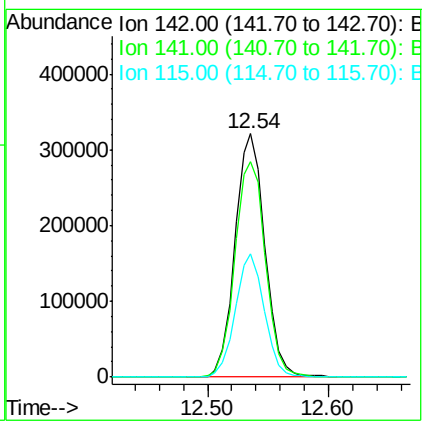


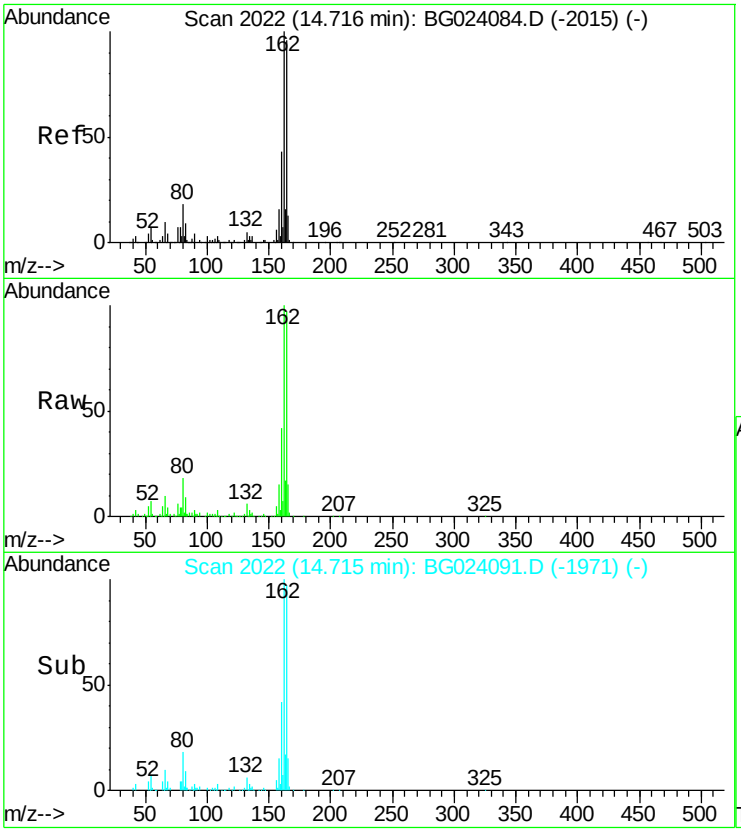


#37
2-Methylnaphthalene
Concen: 68.53 ng
RT: 12.54 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Tgt Ion:142 Resp: 551630

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.2	105.2
115	50.7	41.7	62.5



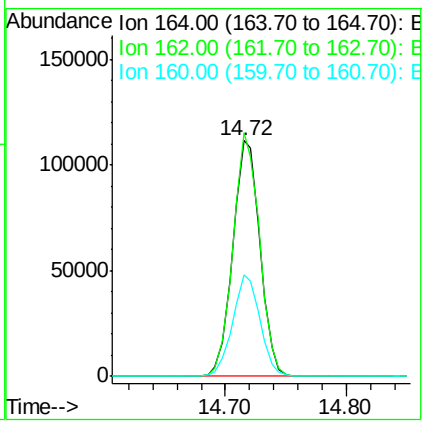


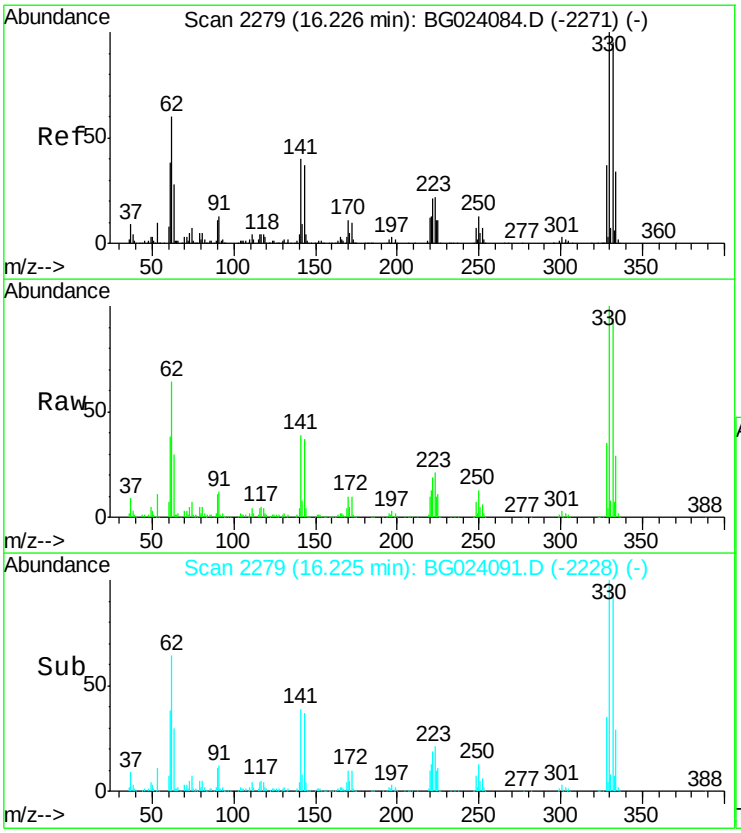
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tgt Ion:164 Resp: 174930

Ion	Ratio	Lower	Upper
164	100		
162	103.2	87.7	131.5
160	42.9	37.2	55.8

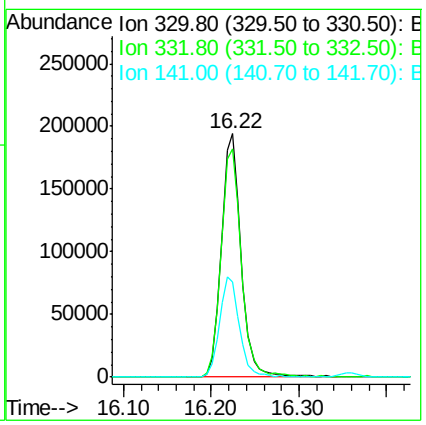


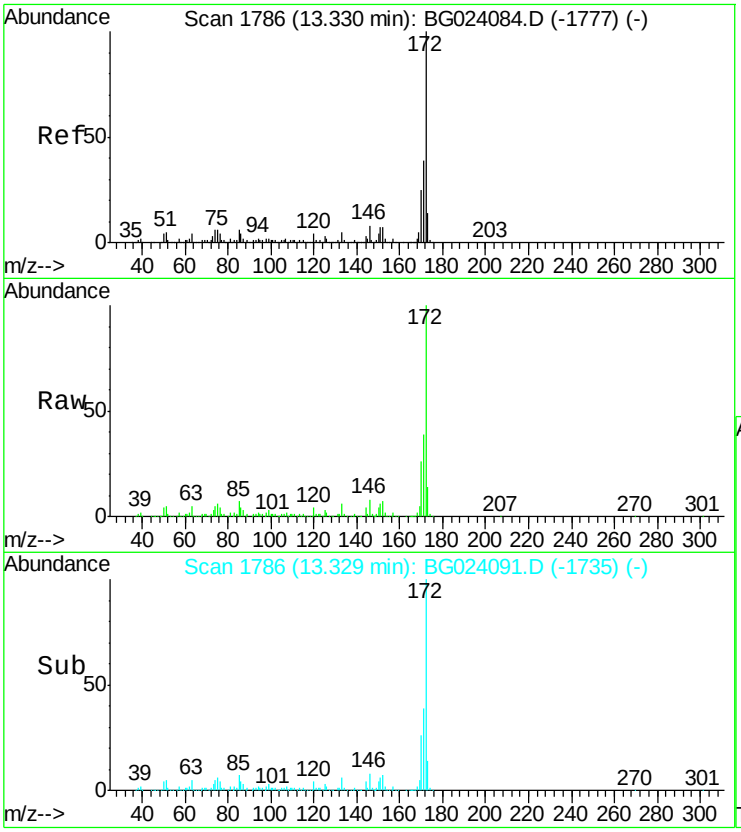


#41
2,4,6-Tribromophenol
Concen: 119.67 ng
RT: 16.22 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Tgt Ion:330 Resp: 300901

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.2
141	41.5	31.7	47.5



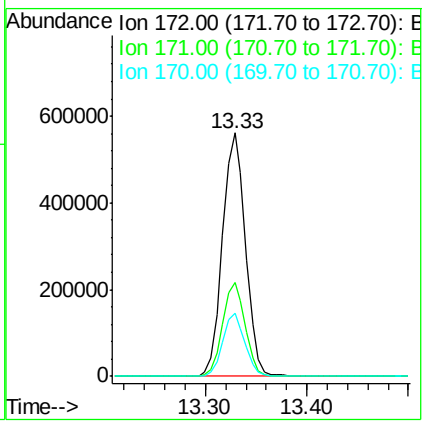


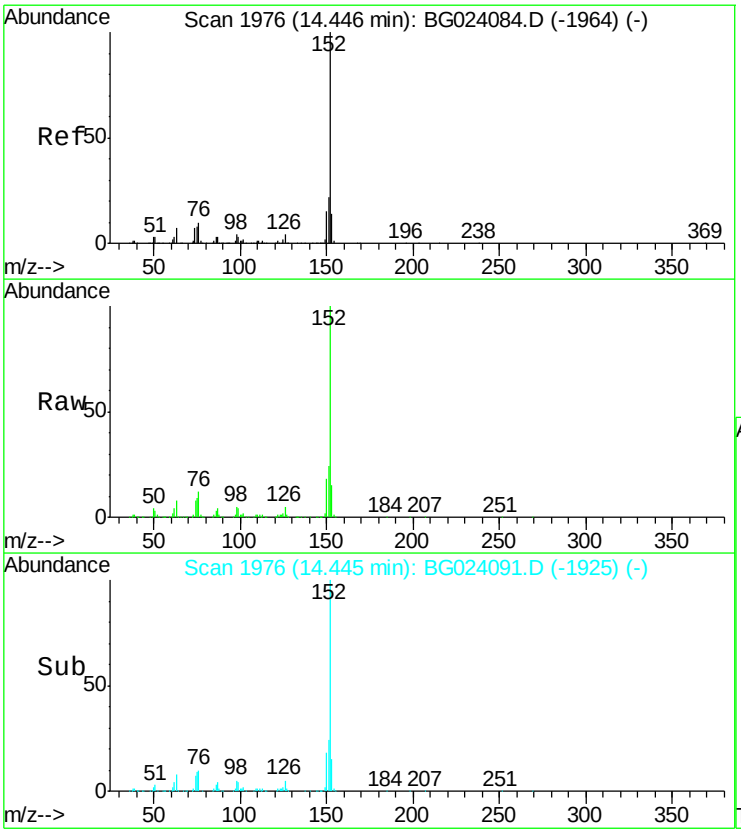
#44
2-Fluorobiphenyl
Concen: 84.81 ng
RT: 13.33 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tgt Ion:172 Resp: 882591

Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.6	47.4
170	26.1	21.3	31.9

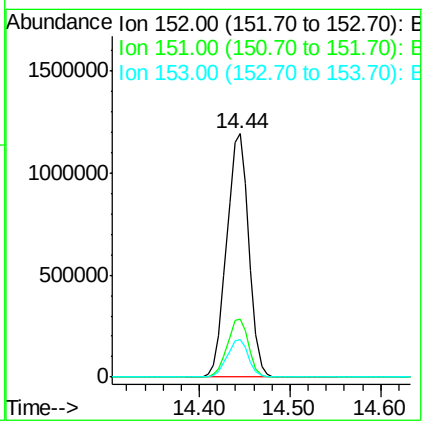


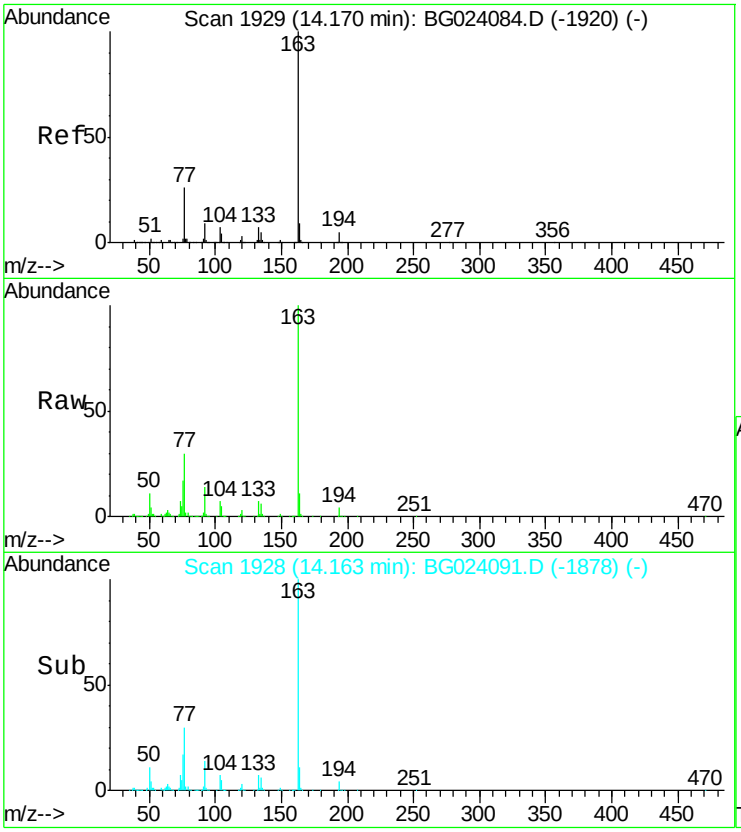


#48
Acenaphthylene
Concen: 133.51 ng
RT: 14.44 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Tgt Ion:152 Resp: 2024392

Ion	Ratio	Lower	Upper
152	100		
151	23.8	17.6	26.4
153	15.2	11.4	17.2



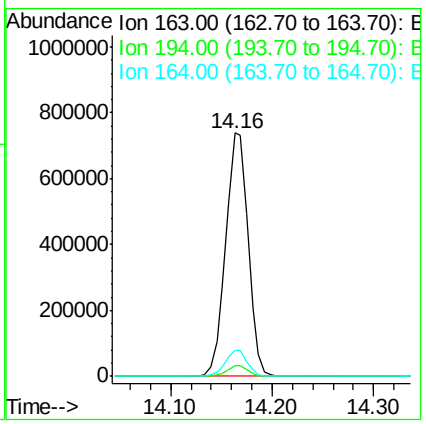


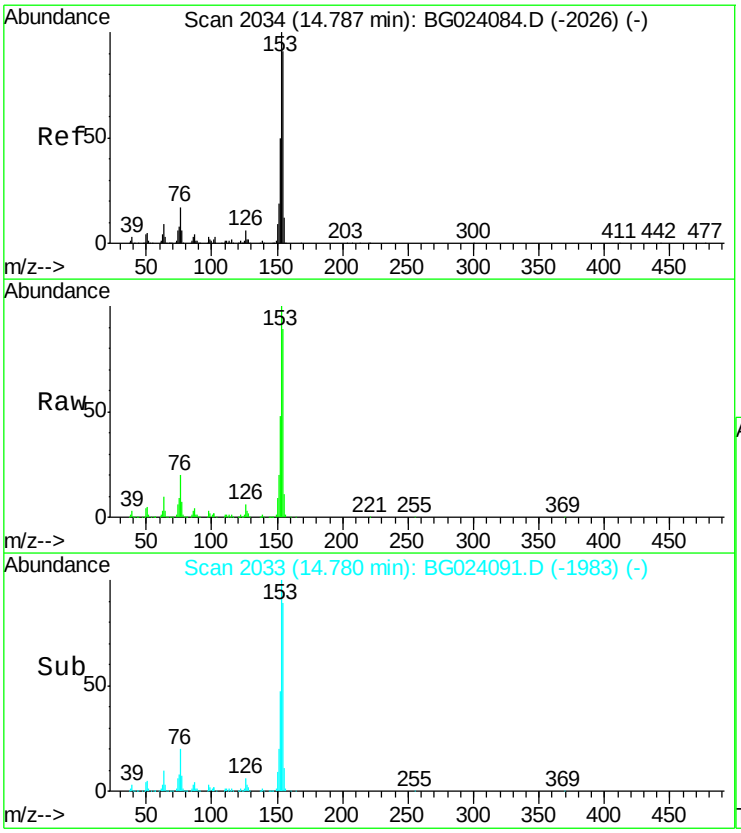
#49
Dimethylphthalate
Concen: 84.62 ng
RT: 14.16 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tgt Ion:163 Resp: 1135562

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	10.9	8.1	12.1

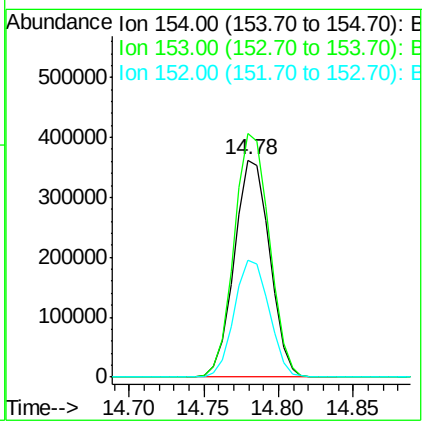


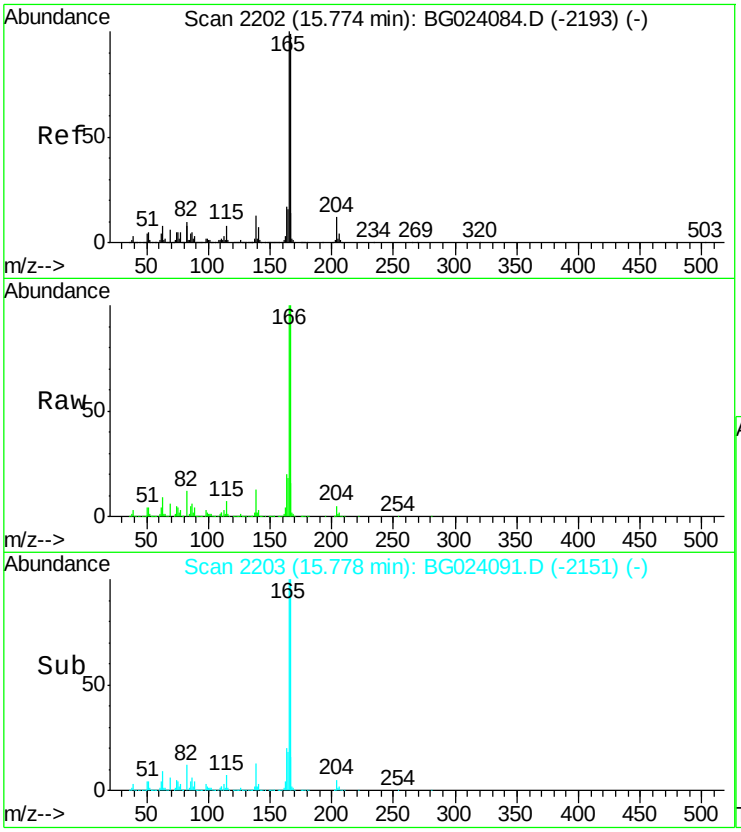


#51
Acenaphthene
Concen: 64.77 ng
RT: 14.78 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Tgt Ion:154 Resp: 595670

Ion	Ratio	Lower	Upper
154	100		
153	112.3	87.5	131.3
152	53.6	42.7	64.1



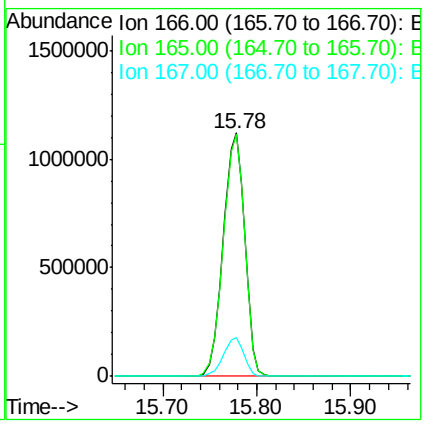


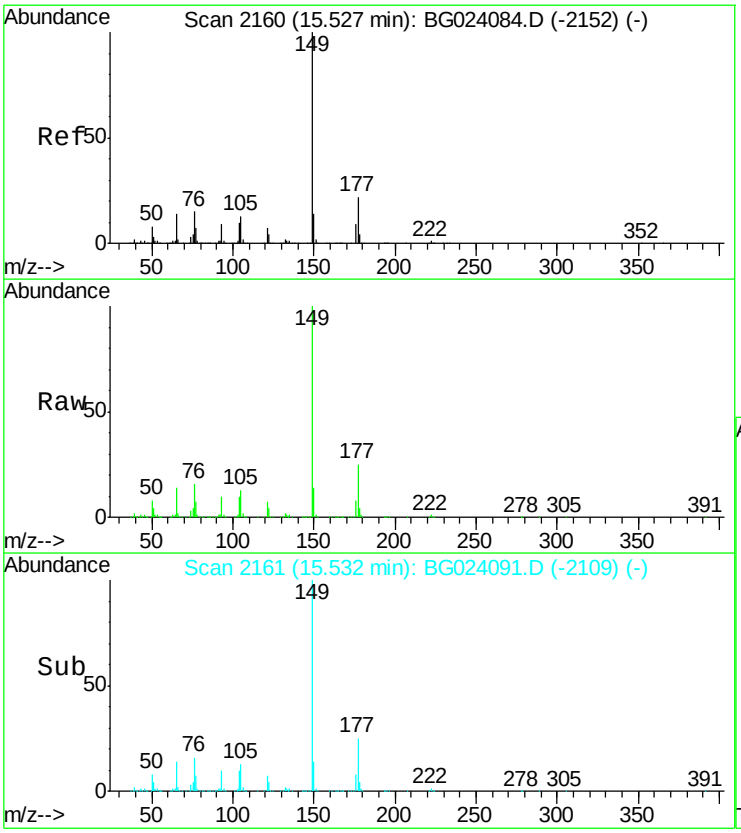
#57
Fluorene
Concen: 142.78 ng
RT: 15.78 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tgt Ion:166 Resp: 1779415

Ion	Ratio	Lower	Upper
166	100		
165	99.8	81.0	121.6
167	15.7	12.0	18.0

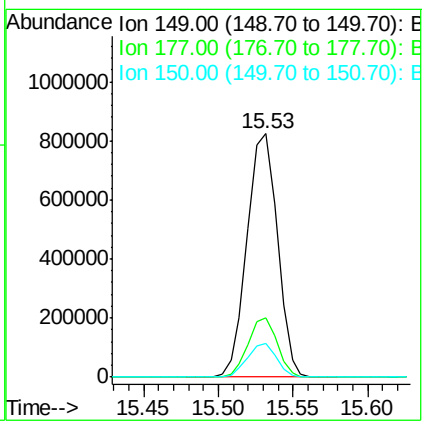


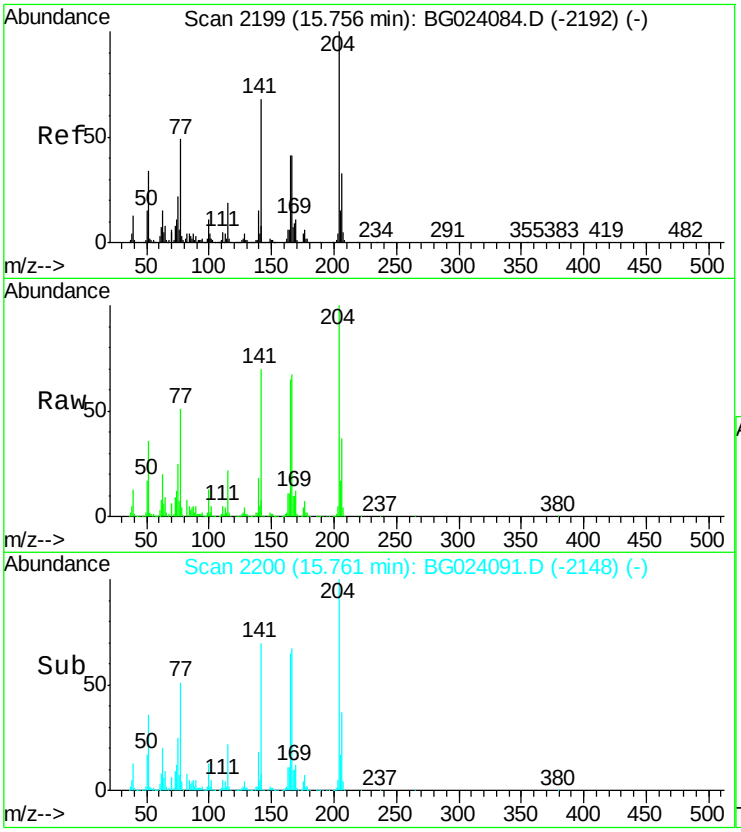


#59
Diethylphthalate
Concen: 80.18 ng
RT: 15.53 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Tgt Ion:149 Resp: 1158680

Ion	Ratio	Lower	Upper
149	100		
177	24.6	19.2	28.8
150	14.1	10.6	16.0



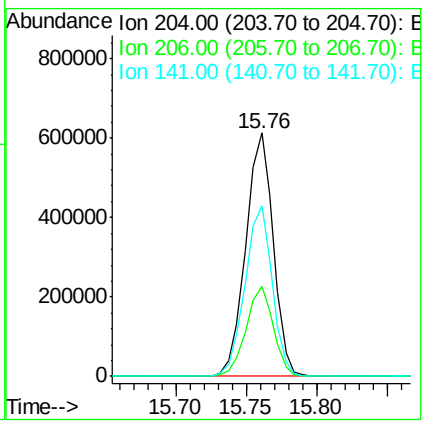


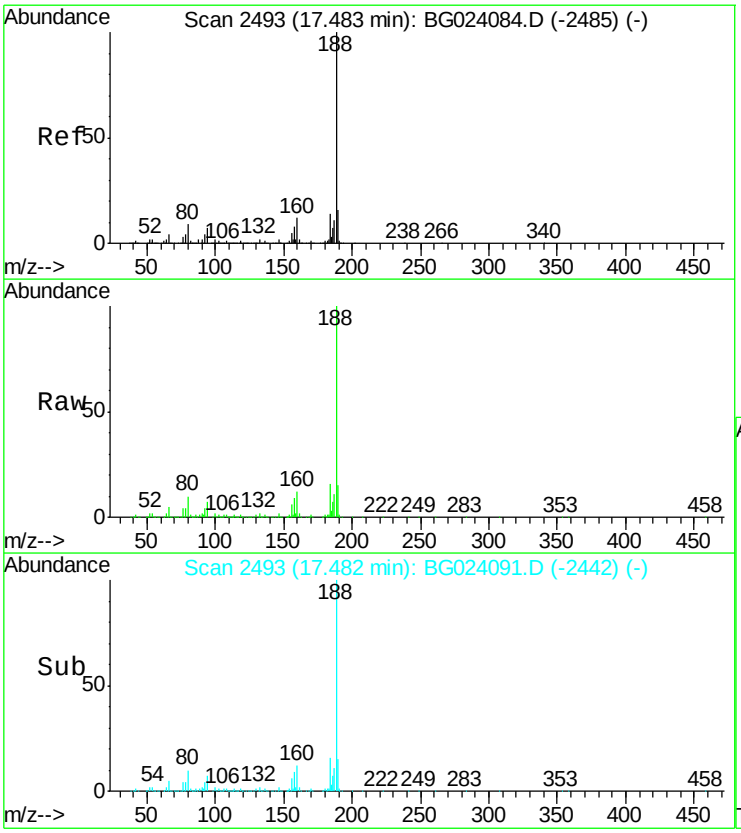
#60
4-Chlorophenyl-phenylether
Concen: 126.04 ng
RT: 15.76 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tgt Ion:204 Resp: 841544

Ion	Ratio	Lower	Upper
204	100		
206	36.8	28.5	42.7
141	70.2	51.4	77.0

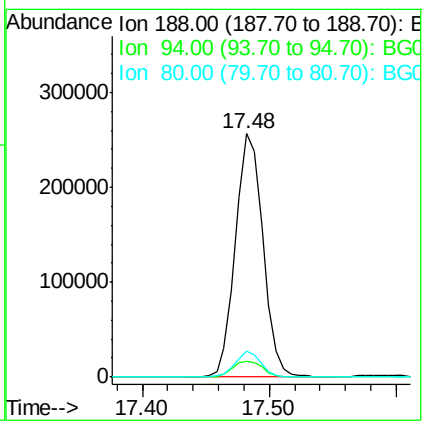


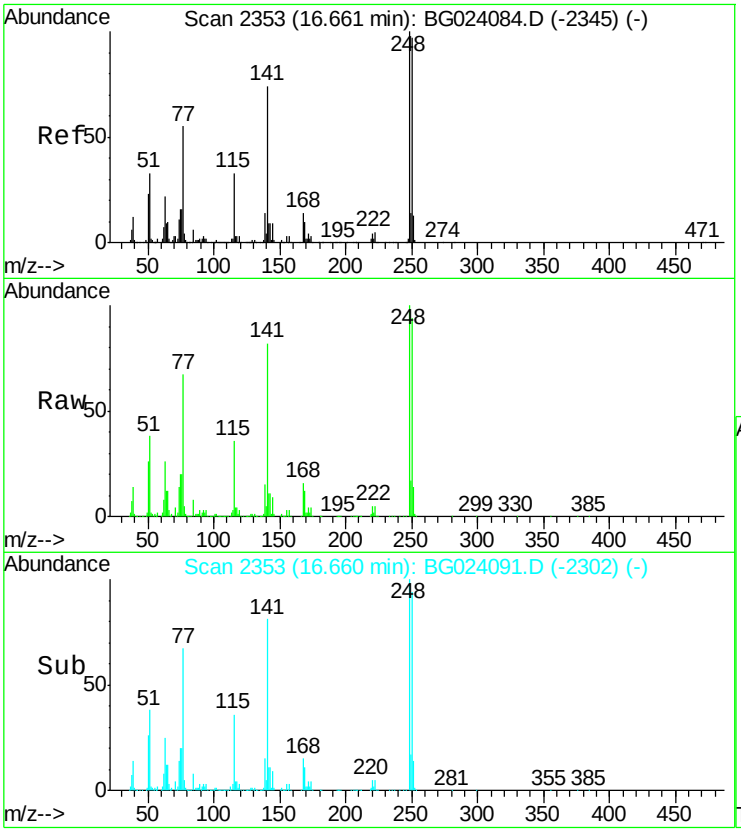


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2493
Delta R.T. -0.00 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Tgt Ion:188 Resp: 385614

Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.2	7.8
80	10.4	7.2	10.8



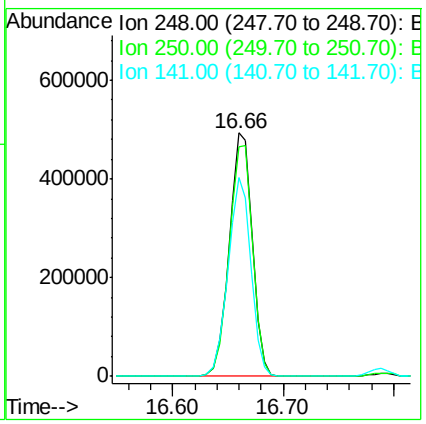


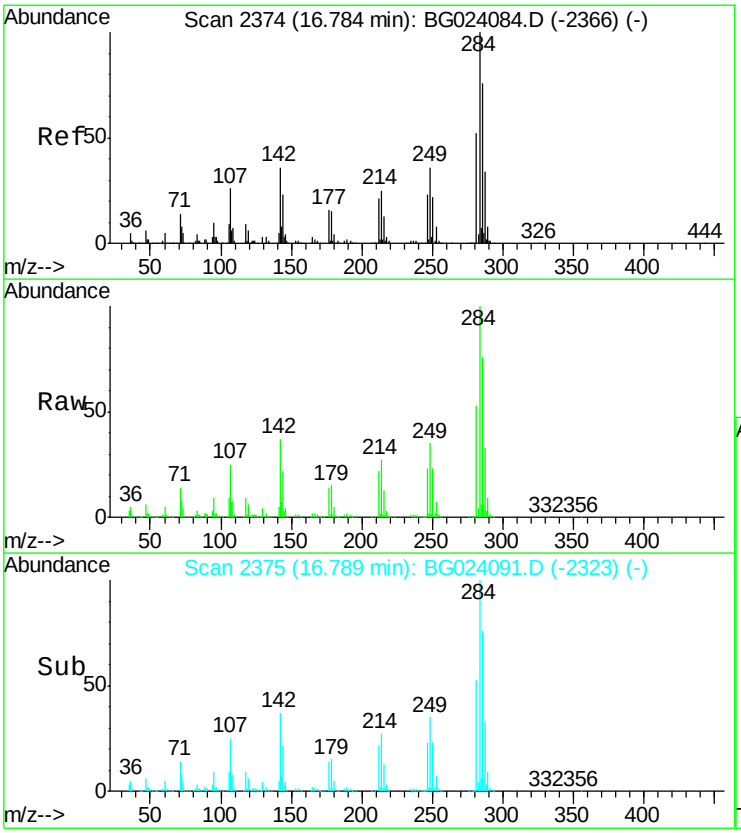
#66
4-Bromophenyl-phenylether
Concen: 161.69 ng
RT: 16.66 min Scan# 2353
Delta R.T. -0.00 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tgt Ion:248 Resp: 723230

Ion	Ratio	Lower	Upper
248	100		
250	94.3	77.8	116.8
141	81.7	65.7	98.5

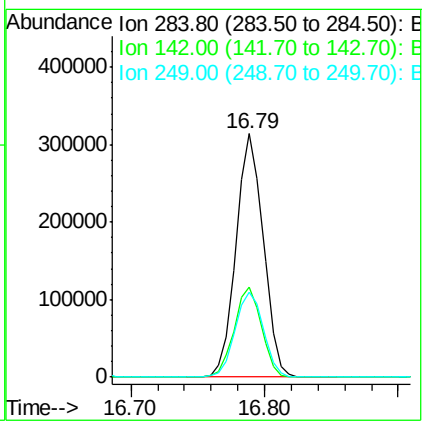


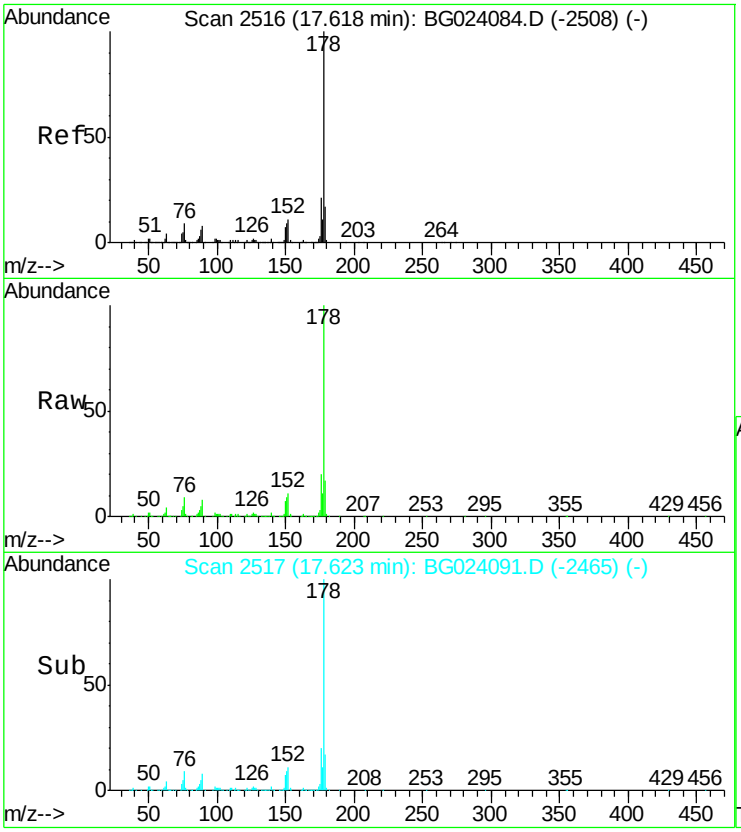


#67
Hexachlorobenzene
Concen: 88.16 ng
RT: 16.79 min Scan# 2375
Delta R.T. 0.00 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Tgt Ion:284 Resp: 444324

Ion	Ratio	Lower	Upper
284	100		
142	36.7	26.8	40.2
249	34.6	28.9	43.3



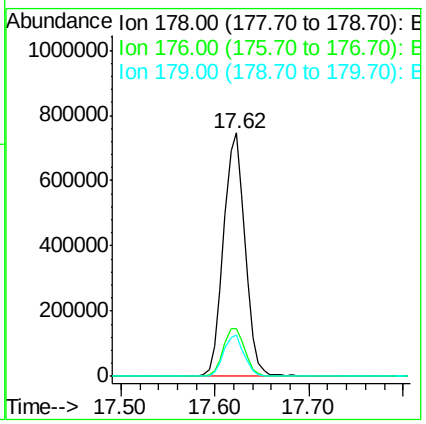


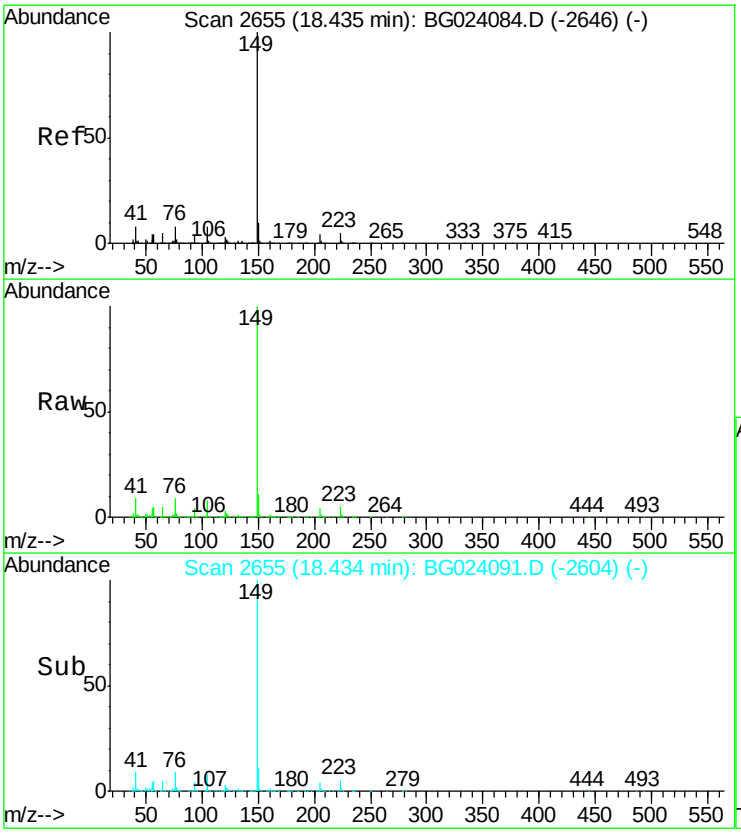
#71
Anthracene
Concen: 58.93 ng
RT: 17.62 min Scan# 2517
Delta R.T. 0.00 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tgt Ion:178 Resp: 1188867

Ion	Ratio	Lower	Upper
178	100		
176	19.9	17.3	25.9
179	17.1	14.0	21.0

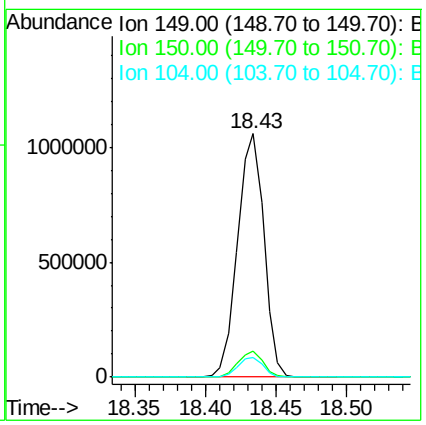


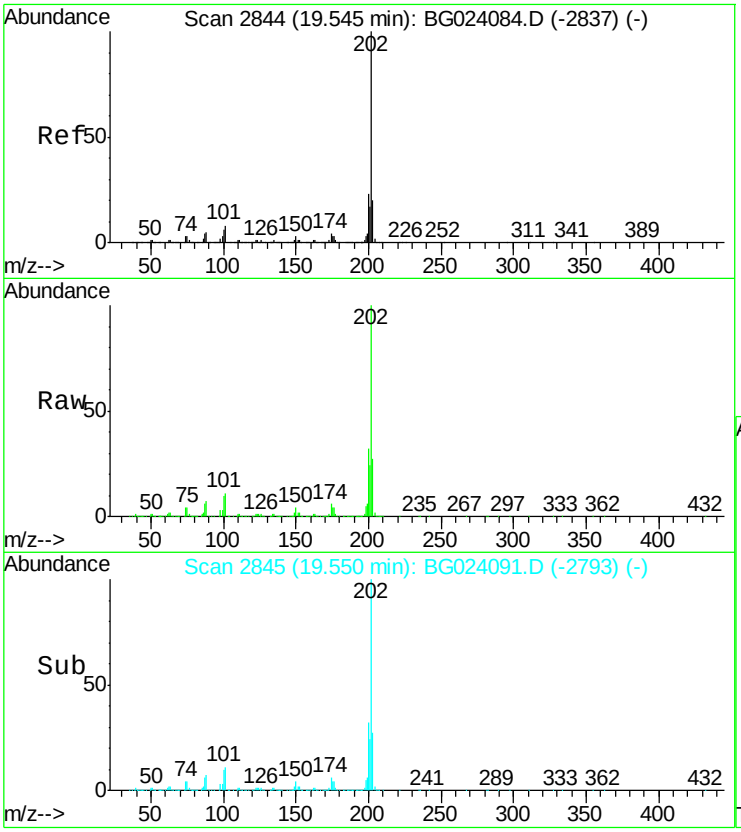


#73
Di-n-butylphthalate
Concen: 56.05 ng
RT: 18.43 min Scan# 2655
Delta R.T. -0.00 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Tgt Ion:149 Resp: 1377909

Ion	Ratio	Lower	Upper
149	100		
150	10.8	9.1	13.7
104	7.9	6.9	10.3



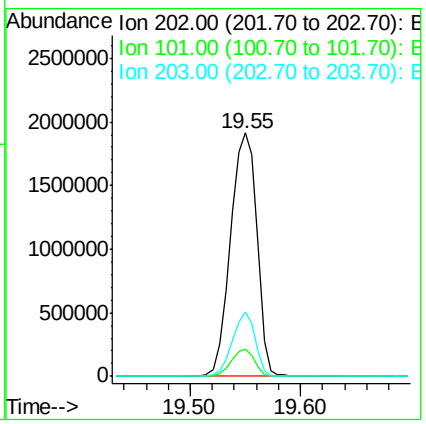


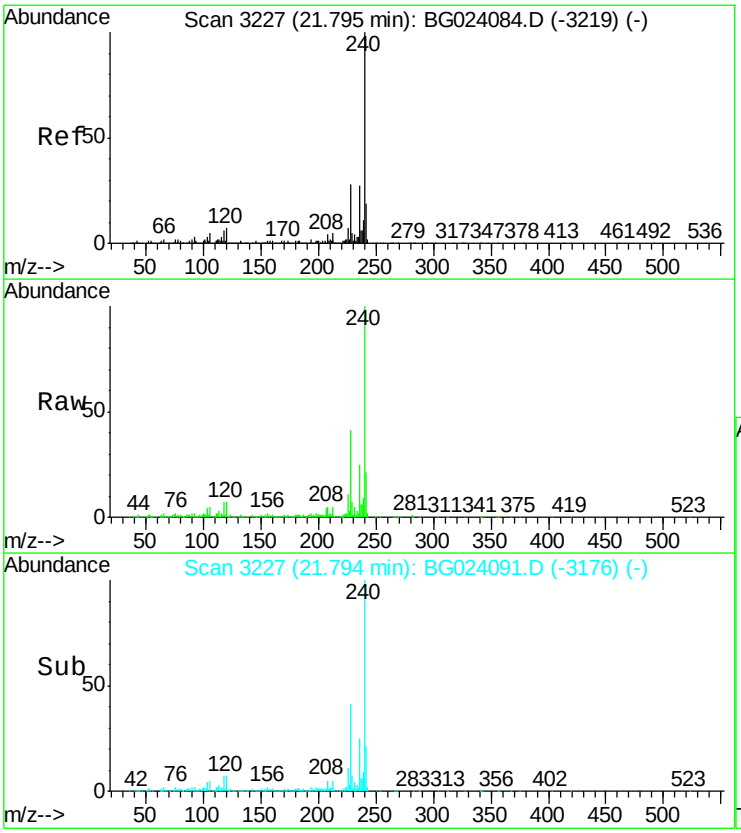
#74
Fluoranthene
Concen: 125.34 ng
RT: 19.55 min Scan# 2845
Delta R.T. 0.00 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tgt Ion:202 Resp: 3214019

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	27.4
203	26.6	1.7	41.7

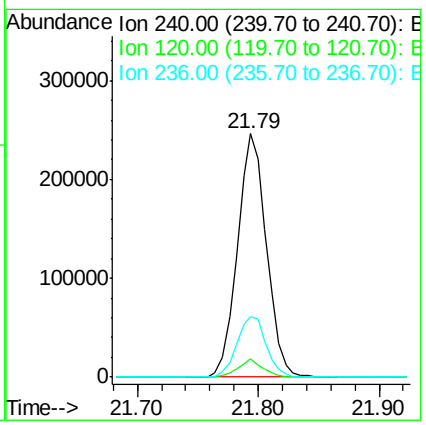


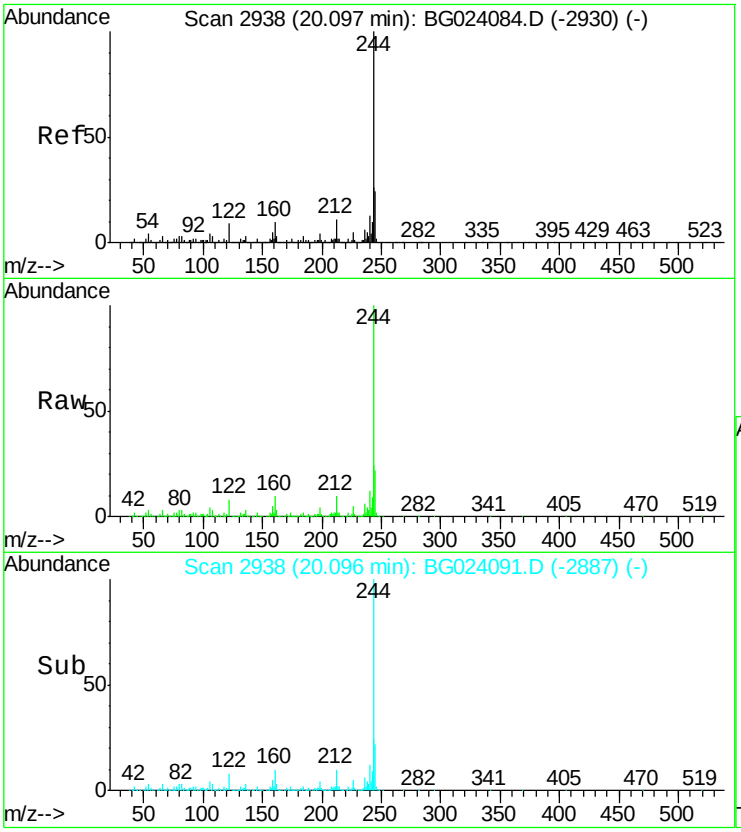


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3227
Delta R.T. -0.00 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Tgt Ion:240 Resp: 410497

Ion	Ratio	Lower	Upper
240	100		
120	7.4	4.1	6.1#
236	25.0	21.1	31.7



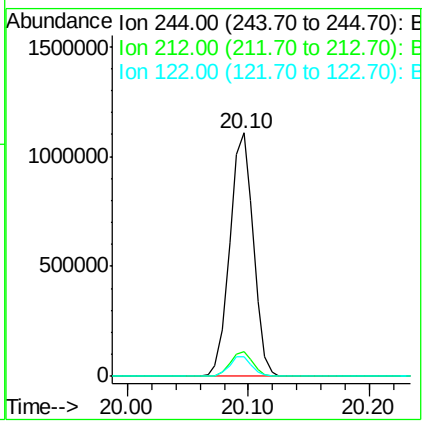


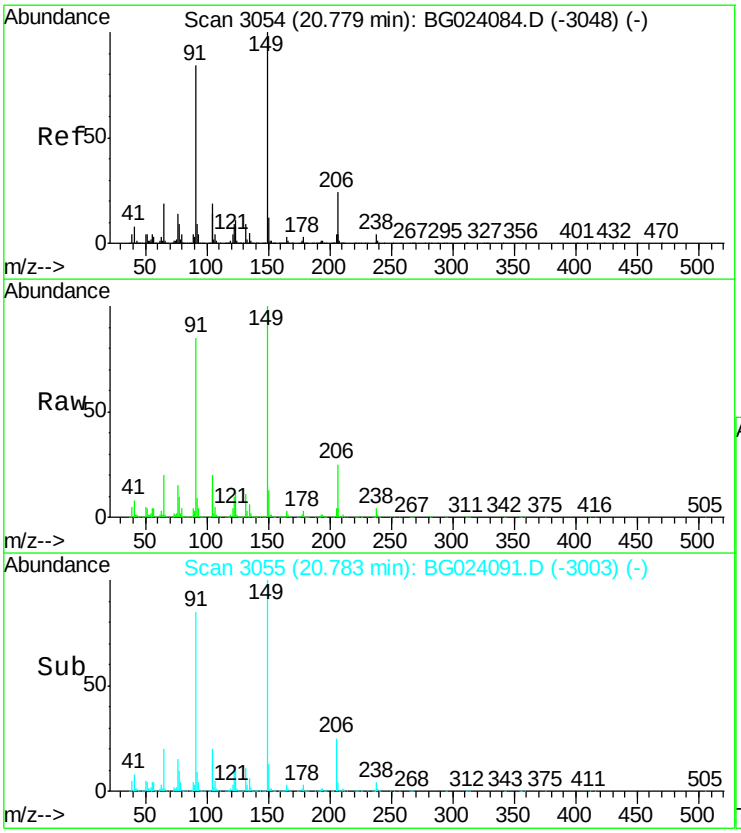
#78
Terphenyl-d14
Concen: 74.64 ng
RT: 20.10 min Scan# 2938
Delta R.T. -0.00 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tgt Ion:244 Resp: 1496258

Ion	Ratio	Lower	Upper
244	100		
212	10.3	10.8	16.2#
122	8.0	8.0	12.0#

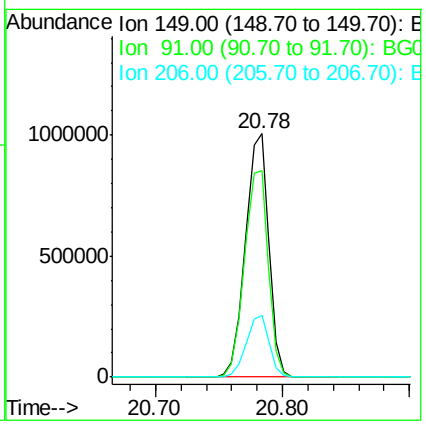


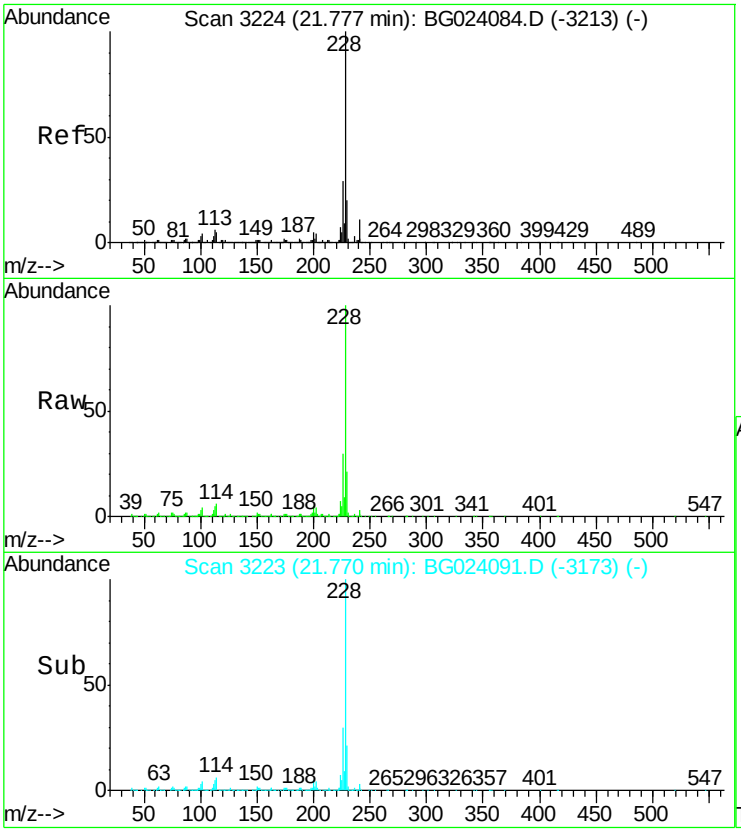


#79
Butylbenzylphthalate
Concen: 122.57 ng
RT: 20.78 min Scan# 3055
Delta R.T. 0.00 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Tgt Ion:149 Resp: 1293721

Ion	Ratio	Lower	Upper
149	100		
91	84.6	68.1	102.1
206	25.4	19.8	29.6



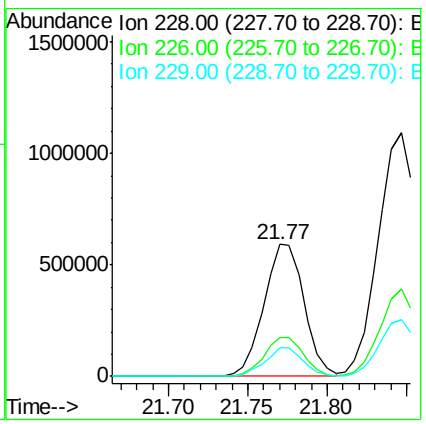


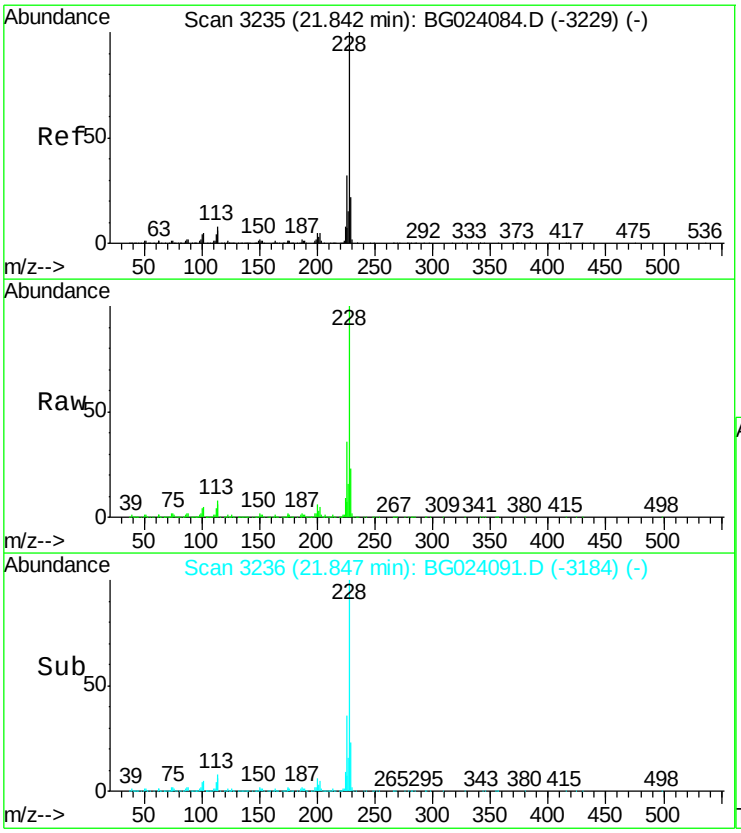
#80
Benzo(a)anthracene
Concen: 44.62 ng
RT: 21.77 min Scan# 3223
Delta R.T. -0.01 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tgt Ion:228 Resp: 1042609

Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.3	37.9
229	21.4	19.9	29.9

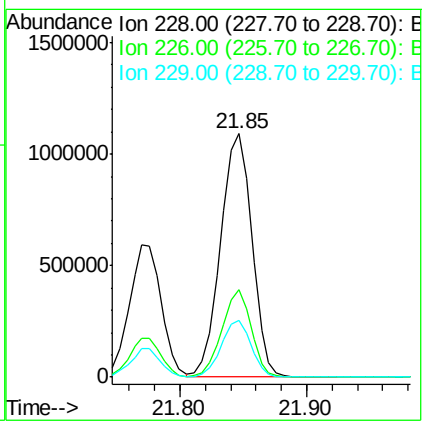


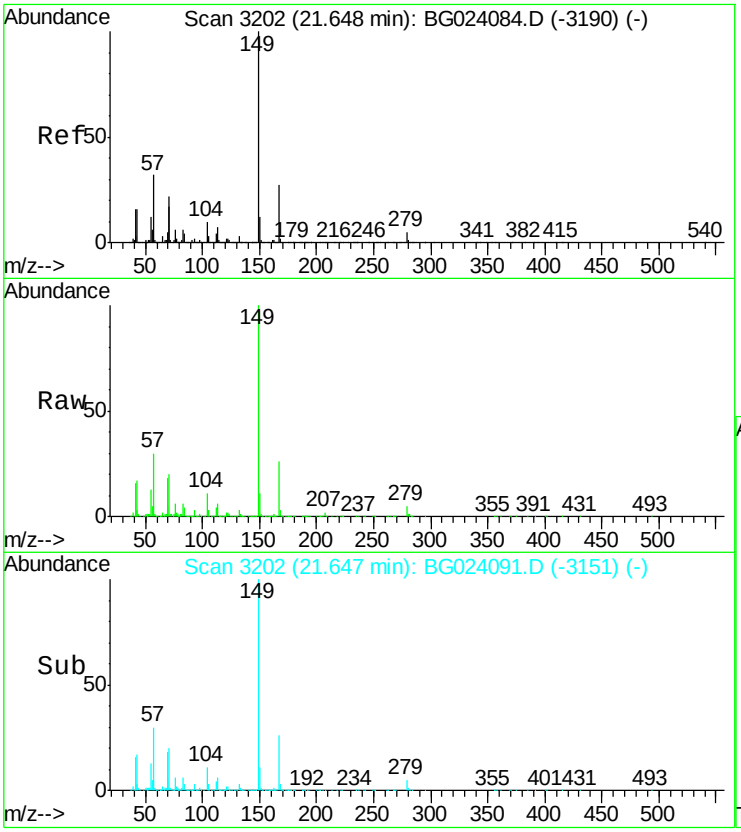


#82
Chrysene
Concen: 85.05 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.00 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Tgt Ion:228 Resp: 1868147

Ion	Ratio	Lower	Upper
228	100		
226	35.9	26.7	40.1
229	23.5	17.4	26.2



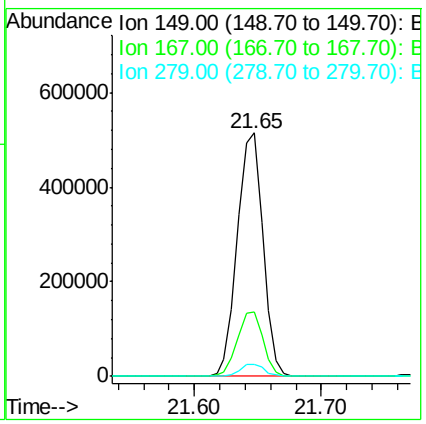


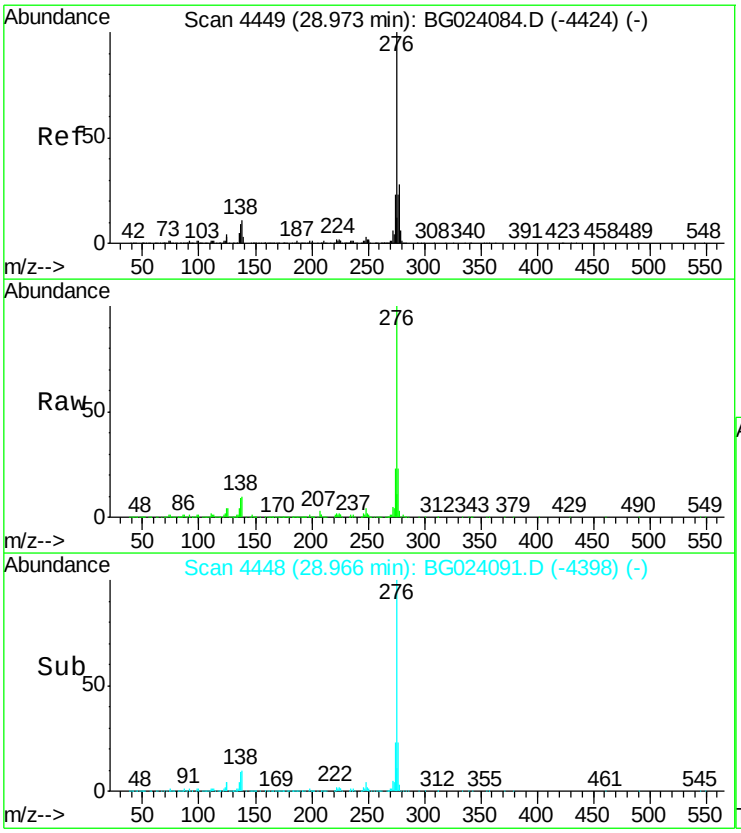
#83
Bis(2-ethylhexyl)phthalate
Concen: 57.19 ng
RT: 21.65 min Scan# 3202
Delta R.T. -0.00 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tgt Ion:149 Resp: 721223

Ion	Ratio	Lower	Upper
149	100		
167	26.4	24.0	36.0
279	5.0	4.8	7.2

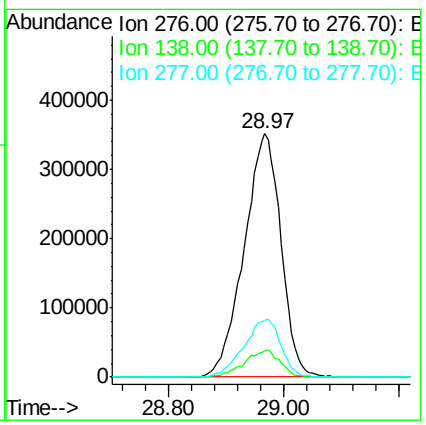


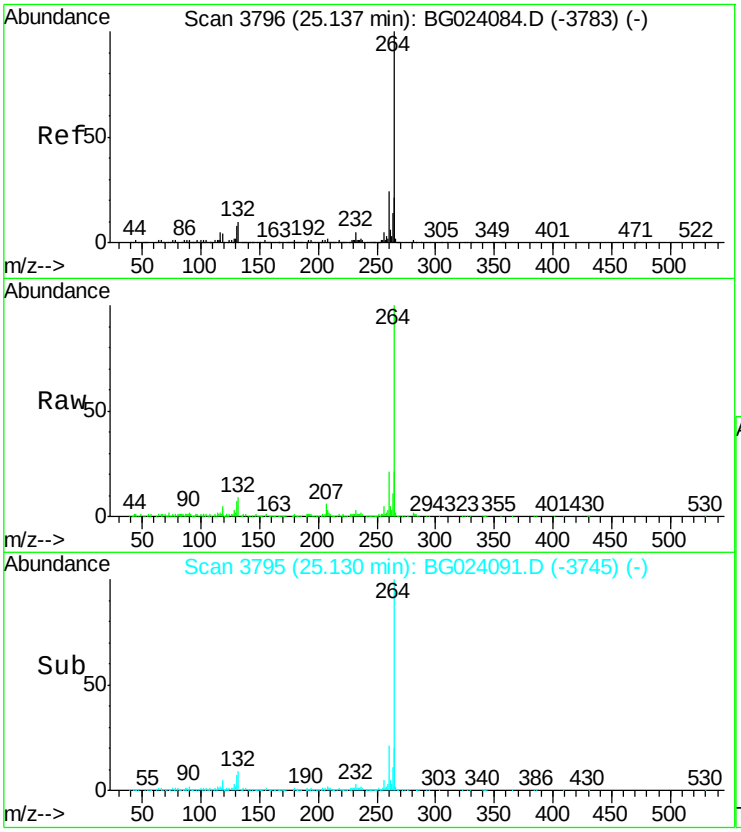


#85
Indeno(1,2,3-cd)pyrene
Concen: 63.70 ng
RT: 28.97 min Scan# 4448
Delta R.T. -0.01 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Tgt Ion:276 Resp: 1560374

Ion	Ratio	Lower	Upper
276	100		
138	10.7	0.0	0.0#
277	24.0	0.0	0.0#



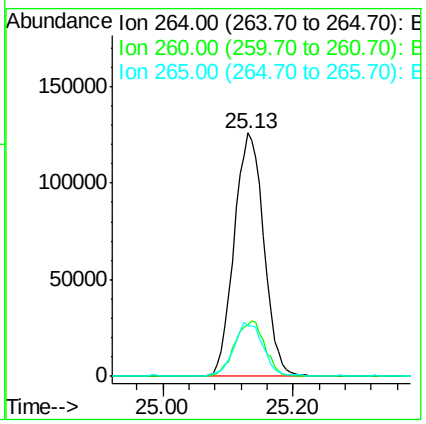


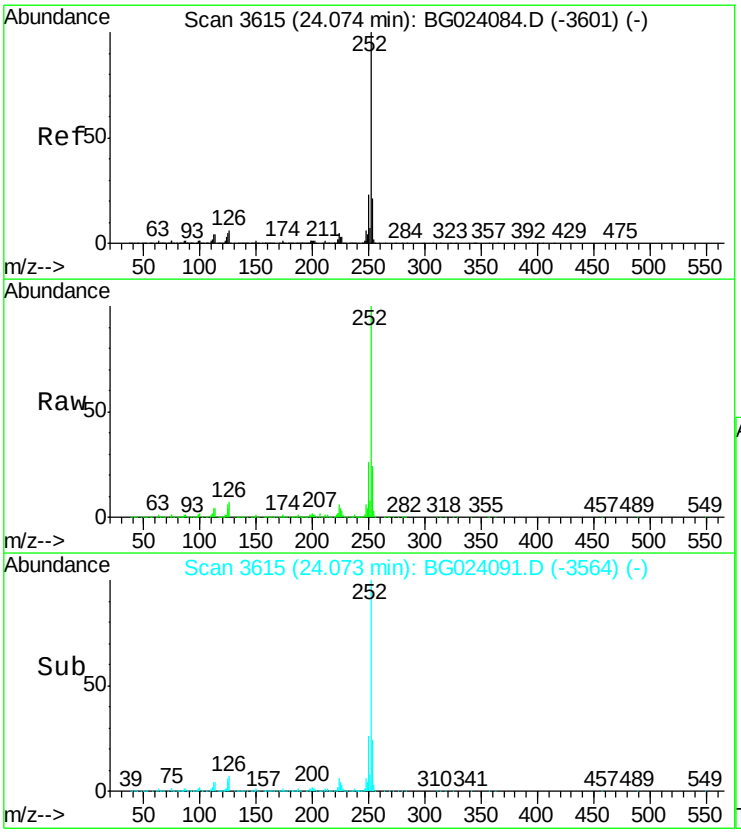
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.13 min Scan# 3795
Delta R.T. -0.01 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tgt Ion:264 Resp: 396314

Ion	Ratio	Lower	Upper
264	100		
260	21.2	18.4	27.6
265	20.8	18.9	28.3

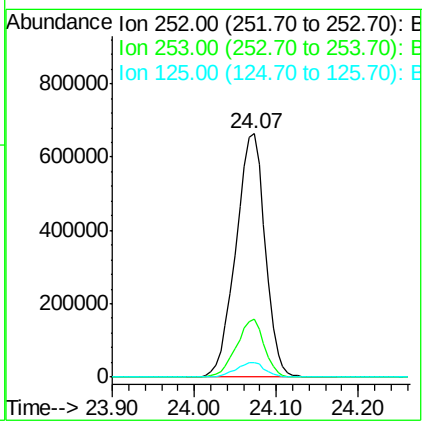


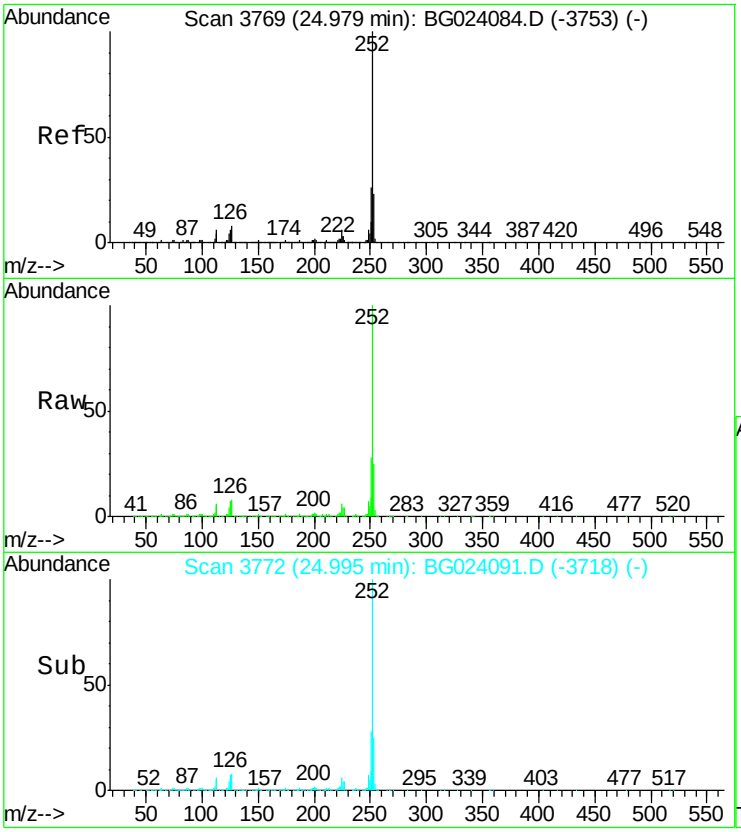


#87
Benzo(b)fluoranthene
Concen: 71.75 ng
RT: 24.07 min Scan# 3615
Delta R.T. -0.00 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Tgt Ion:252 Resp: 1654326

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	5.9	3.9	5.9



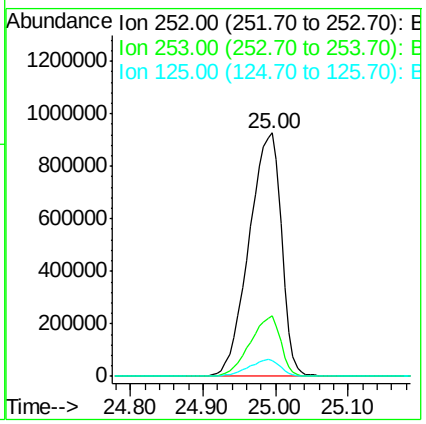


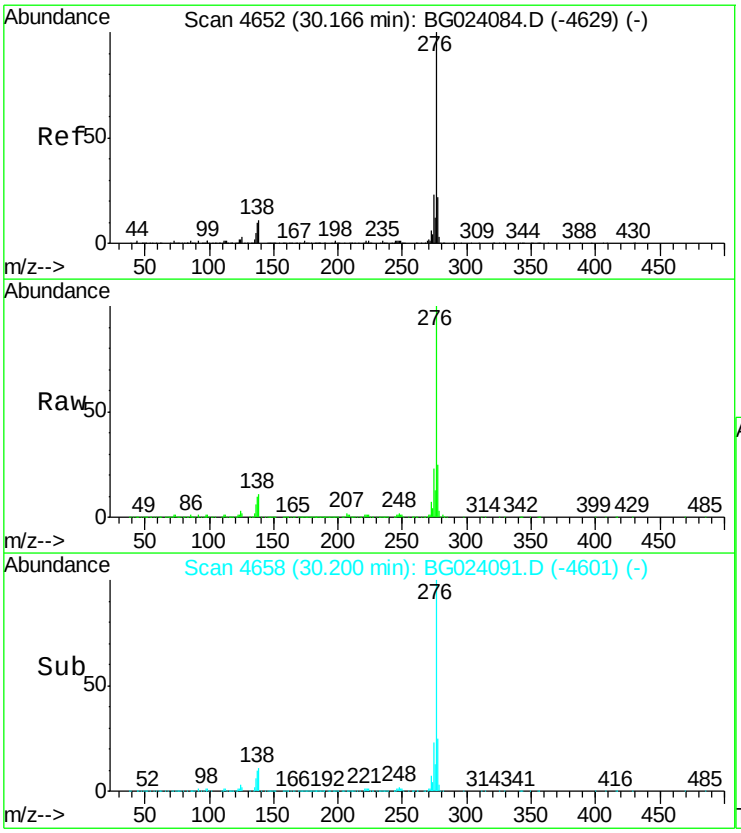
#89
Benzo(a)pyrene
Concen: 129.11 ng
RT: 25.00 min Scan# 3772
Delta R.T. 0.02 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tgt Ion:252 Resp: 2877811

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.7	28.1
125	6.7	3.9	5.9#





#91
Benzo(g,h,i)perylene
Concen: 115.25 ng
RT: 30.20 min Scan# 4658
Delta R.T. 0.03 min
Lab File: BG024091.D
Acq: 23 Sep 2016 17:30

Tgt Ion:276 Resp: 2584411

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.6	27.8
138	11.4	6.8	10.2#