Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044093.D
Acq On : 20 Jan 2020 11:46
Operator : JU
Sample : SP5028
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP5028

Quant Time: Jan 21 06:13:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	71578	20.00	ng	-0.03
21) Naphthalene-d8	10.74	136	314303	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	216276	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	480280	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	413134	20.00	ng	-0.03
87) Perylene-d12	24.67	264	451783	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	666396	170.94	ng	-0.02
7) Phenol-d6	7.11	99	866239	158.97	ng	-0.02
23) Nitrobenzene-d5	9.09	82	515748	87.78	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	349787	154.55	ng	-0.02
45) 2-Fluorobiphenyl	13.19	172	1224395	102.57	ng	-0.03
79) Terphenyl-d14	19.93	244	1859433	120.26	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	59	0.035	ng	# 1
3) Pyridine	3.82	79	60	0.012	ng	# 21
4) n-Nitrosodimethylamine	3.73	42	368	0.165	ng	# 1
9) Benzaldehyde	7.10	77	1473	0.422	ng	# 1
12) 1,3-Dichlorobenzene	8.25	146	56	0.010	ng	# 1
13) 1,4-Dichlorobenzene	8.25	146	56	0.011	ng	# 1
14) 1,2-Dichlorobenzene	8.25	146	56	0.011	ng	# 1
15) Benzyl Alcohol	8.25	79	8176	1.901	ng	# 44
22) Acetophenone	8.58	105	56	0.007	ng	# 54
24) Nitrobenzene	9.09	77	1759	0.302	ng	# 41
25) Isophorone	9.57	82	195	0.018	ng	# 65
28) bis(2-Chloroethoxy)methane	10.11	93	59	0.008	ng	# 48
31) Naphthalene	10.78	128	61	0.004	ng	# 66
46) 1,1'-Biphenyl	13.40	154	3179	0.205	ng	90
48) 2-Nitroaniline	13.23	65	61	0.015	ng	# 3
49) Acenaphthylene	14.63	152	62	0.003	ng	# 56
52) Acenaphthene	14.58	154	756	0.060	ng	# 4
58) Fluorene	16.05	166	16917	1.228	ng	# 86
63) Azobenzene	16.05	77	2221	0.156	ng	# 22
66) n-Nitrosodiphenylamine	16.05	169	12928	0.914	ng	# 44
71) Phenanthrene	17.32	178	57	0.002	ng	# 1
72) Anthracene	17.32	178	57	0.003	ng	# 1
75) Fluoranthene	19.73	202	66	0.003	ng	# 59
78) Pyrene	19.93	202	6931	0.257	ng	# 74
80) Butylbenzylphthalate	20.62	149	144	0.011	ng	# 22
81) Benzo(a)anthracene	21.56	228	1281	0.050	ng	# 62
82) 3,3'-Dichlorobenzidine	21.47	252	111	0.011	ng	# 25
83) Chrysene	21.62	228	54	0.002	ng	# 44
84) Bis(2-ethylhexyl)phthalate	21.48	149	375	0.021	ng	# 49
85) Di-n-octyl phthalate	22.64	149	1134	0.038	ng	# 42
86) Indeno(1,2,3-cd)pyrene	28.23	276	468	0.014	ng	# 62
88) Benzo(b)fluoranthene	23.69	252	645	0.024	ng	# 72
89) Benzo(k)fluoranthene	23.75	252	349	0.014	ng	# 57
90) Benzo(a)pyrene	24.52	252	738	0.029	ng	# 29

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044093.D
Acq On : 20 Jan 2020 11:46
Operator : JU
Sample : SP5028
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP5028

Quant Time: Jan 21 06:13:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
91) Dibenzo(a,h)anthracene	28.27	278	127	0.005	ng	#	54
92) Benzo(g,h,i)perylene	29.31	276	80	0.003	ng	#	22

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

Quantitation Report (QT Reviewed)

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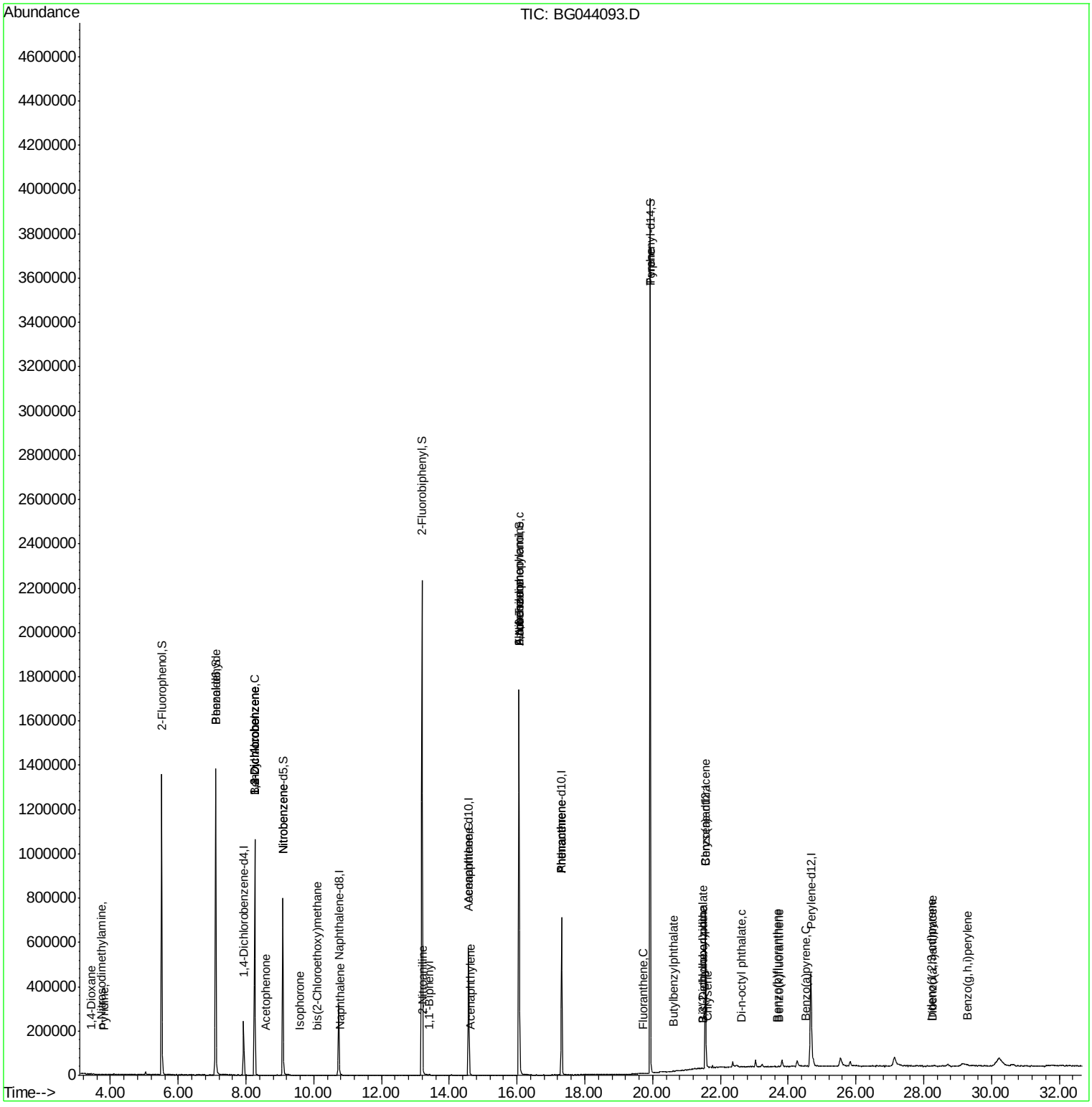
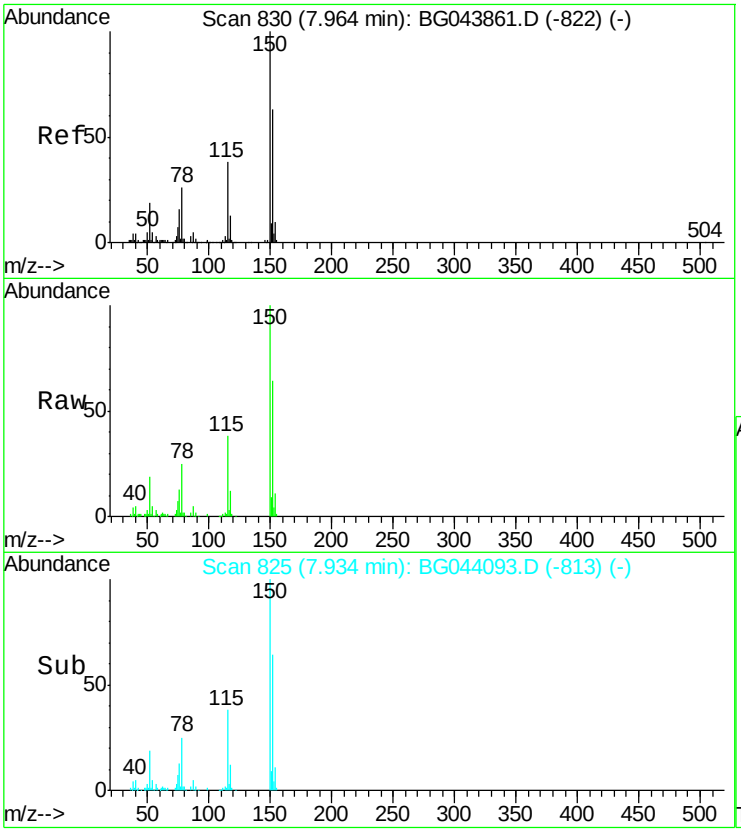


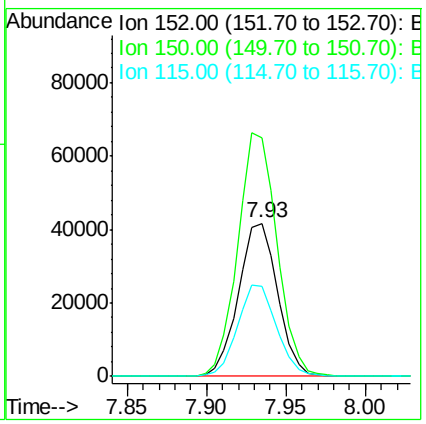


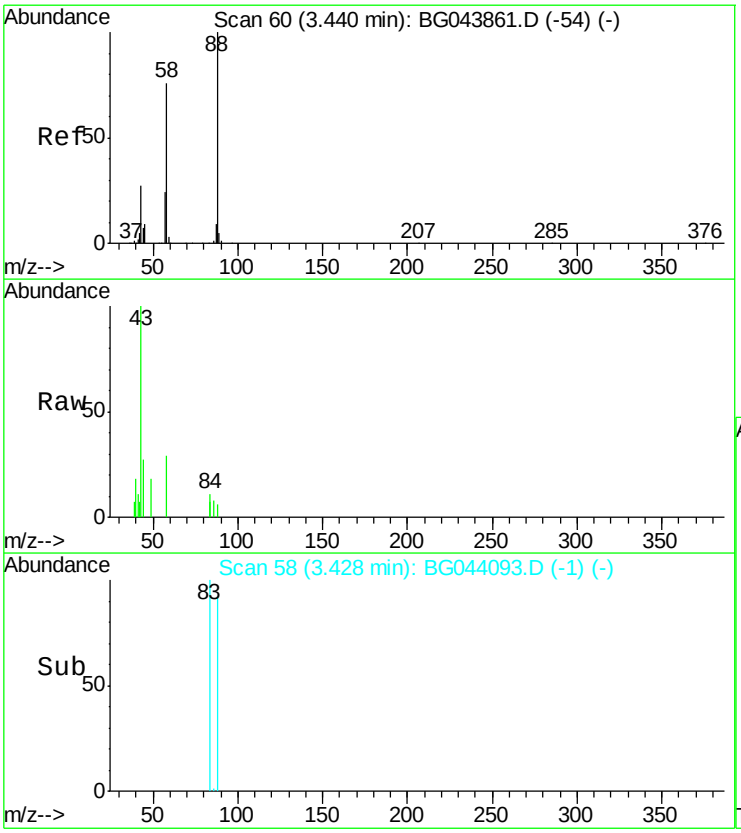
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.03 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Instrument :
BNA_G
ClientSampleId :
SP5028

Tgt Ion:152 Resp: 71578

Ion	Ratio	Lower	Upper
152	100		
150	156.4	127.0	190.4
115	59.3	47.8	71.8

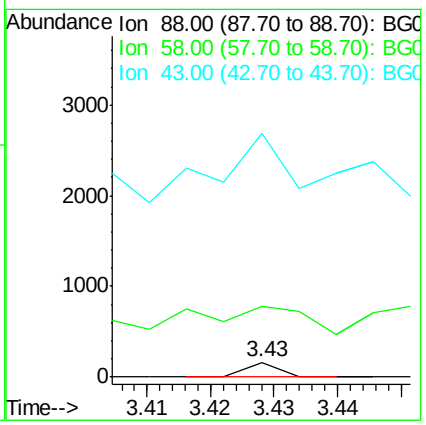


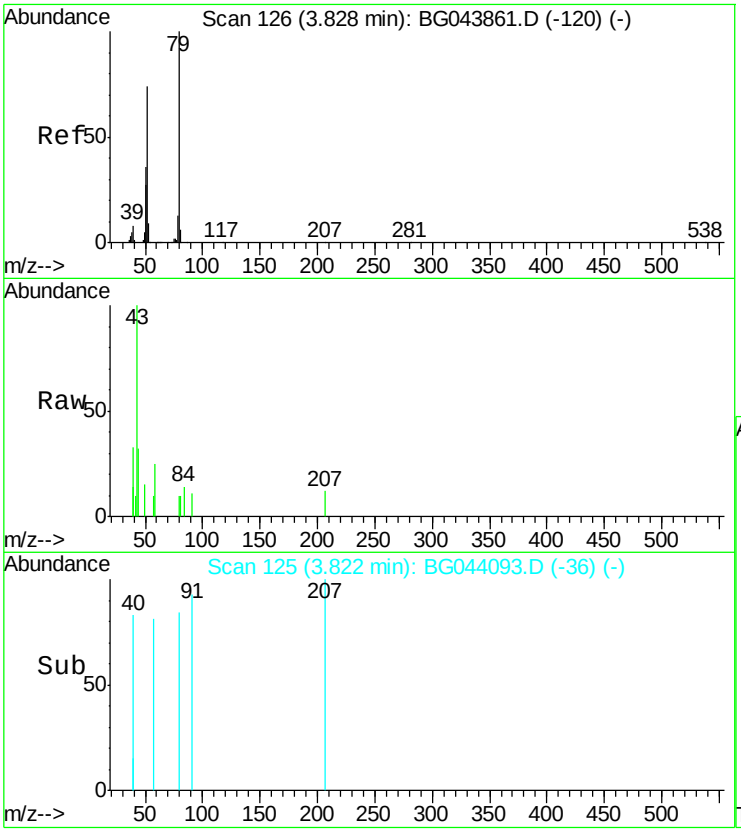


#2
1,4-Dioxane
Concen: 0.035 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.01 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Tgt Ion: 88 Resp: 59

Ion	Ratio	Lower	Upper
88	100		
58	567.8	59.8	89.8#
43	1440.7	22.9	34.3#



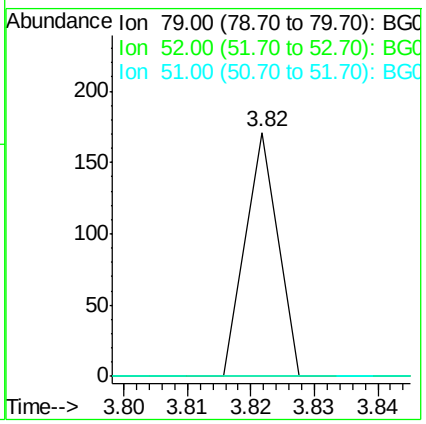


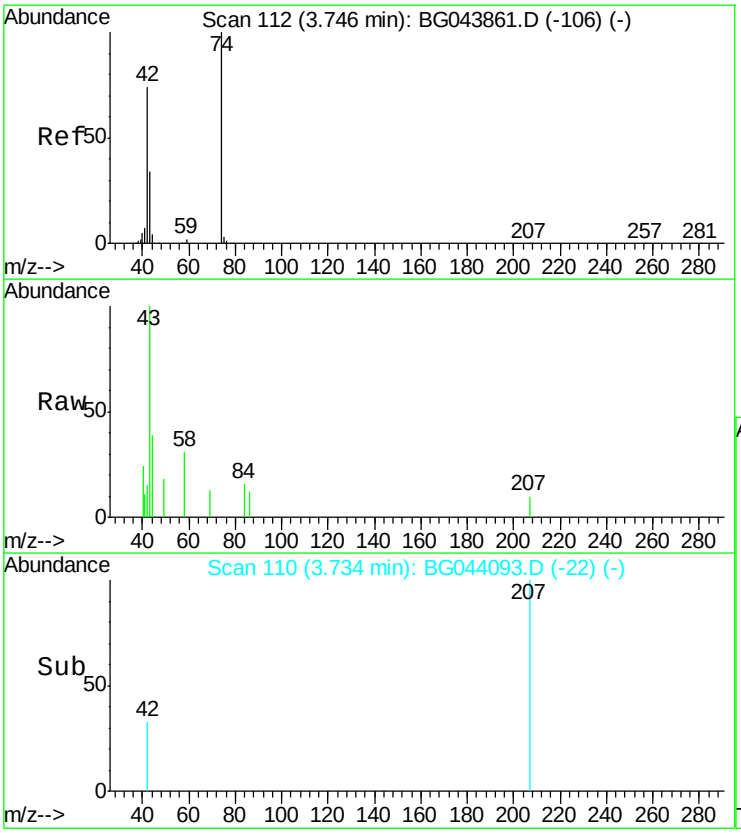
#3
Pyridine
Concen: 0.012 ng
RT: 3.82 min Scan# 125
Delta R.T. -0.01 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Instrument : BNA_G
ClientSampleId : SP5028

Tgt Ion: 79 Resp: 60

Ion	Ratio	Lower	Upper
79	100		
52	0.0	58.9	88.3#
51	0.0	28.6	43.0#

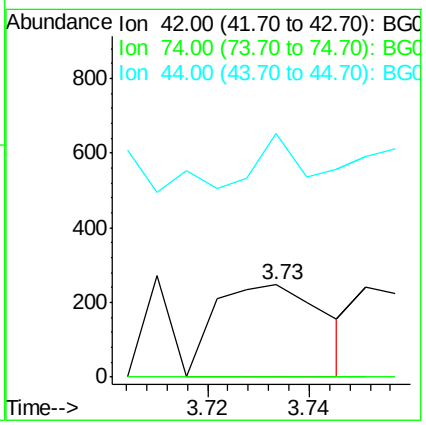


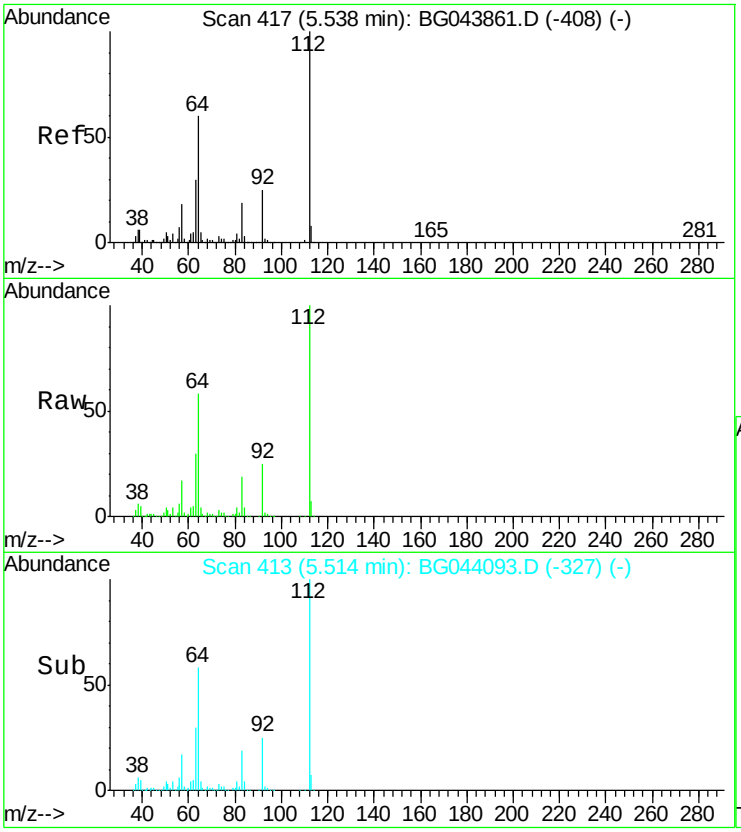


#4
n-Nitrosodimethylamine
Concen: 0.165 ng
RT: 3.73 min Scan# 110
Delta R.T. -0.01 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Tgt Ion: 42 Resp: 368

Ion	Ratio	Lower	Upper
42	100		
74	0.0	108.6	162.8#
44	264.0	5.0	7.6#



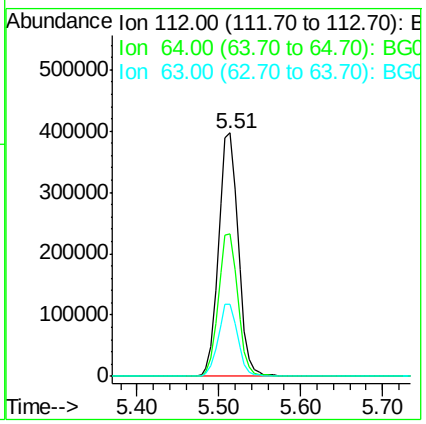


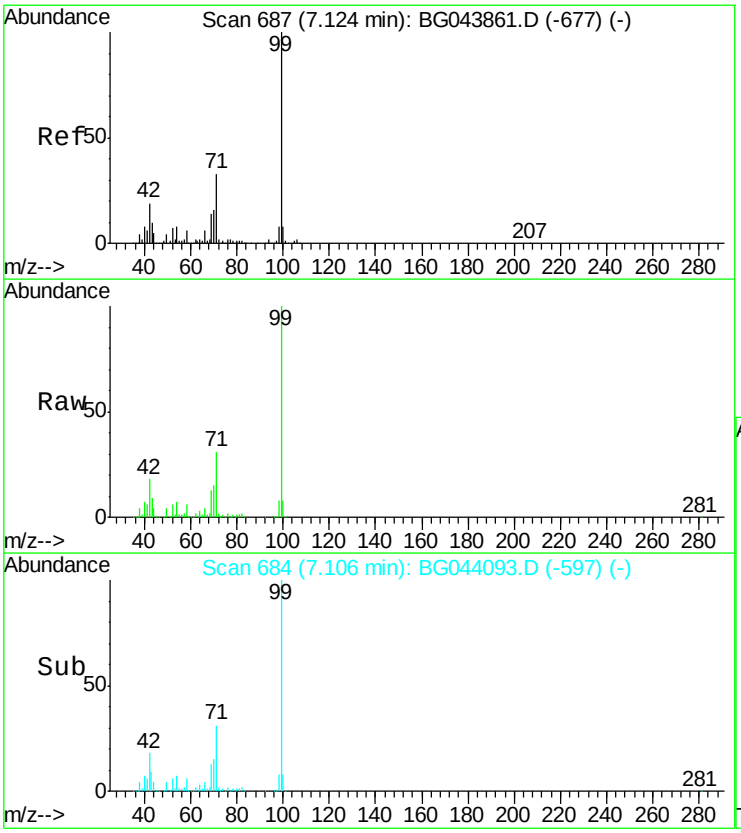
#5
2-Fluorophenol
Concen: 170.944 ng
RT: 5.51 min Scan# 413
Delta R.T. -0.02 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Instrument :
BNA_G
ClientSampleId :
SP5028

Tgt Ion:112 Resp: 666396

Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.8	71.6
63	29.8	24.3	36.5

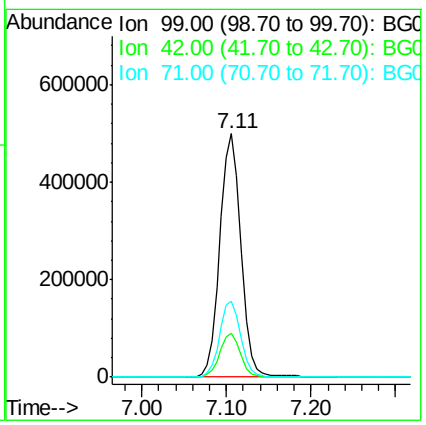


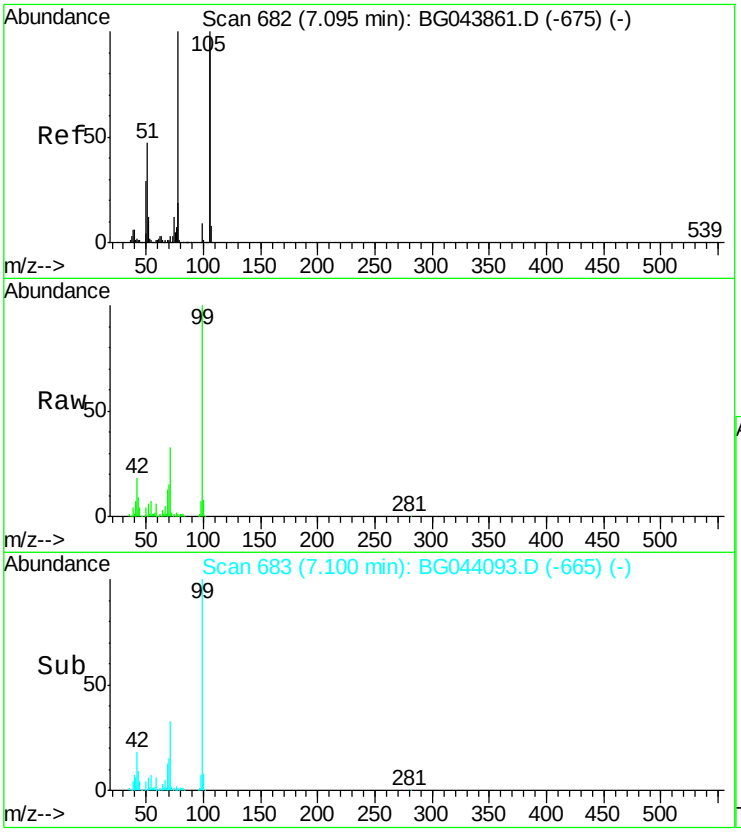


#7
Phenol-d6
Concen: 158.968 ng
RT: 7.11 min Scan# 684
Delta R.T. -0.02 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Tgt Ion: 99 Resp: 866239

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.9	22.3
71	31.3	26.4	39.6



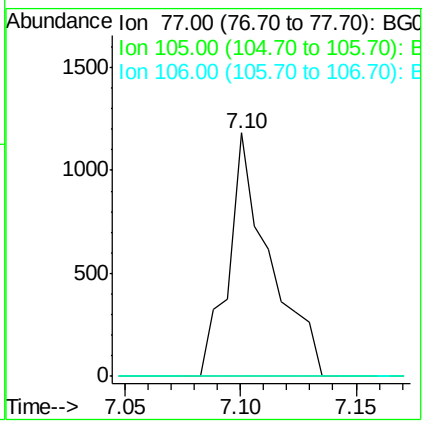


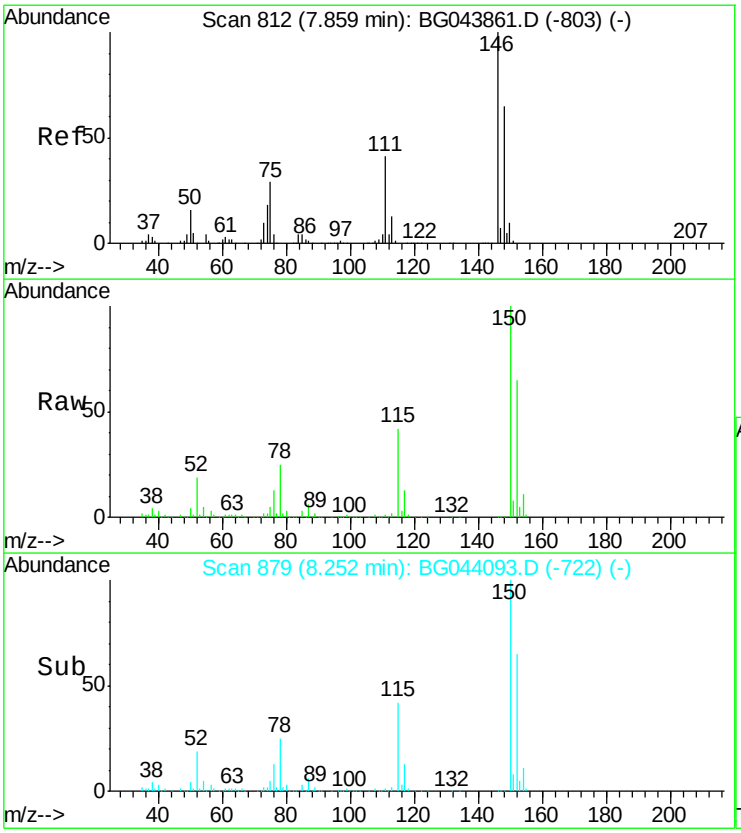
#9
Benzaldehyde
Concen: 0.422 ng
RT: 7.10 min Scan# 683
Delta R.T. 0.01 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Instrument :
BNA_G
ClientSampleId :
SP5028

Tgt Ion: 77 Resp: 1473

Ion	Ratio	Lower	Upper
77	100		
105	0.0	80.2	120.2#
106	0.0	77.2	117.2#

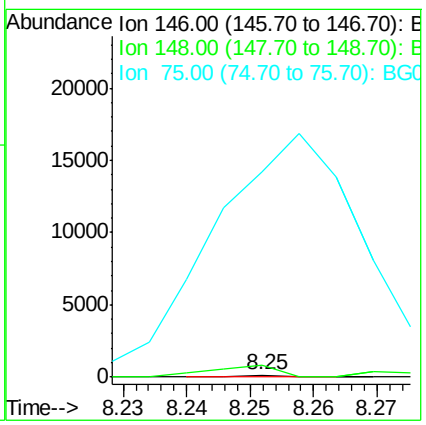


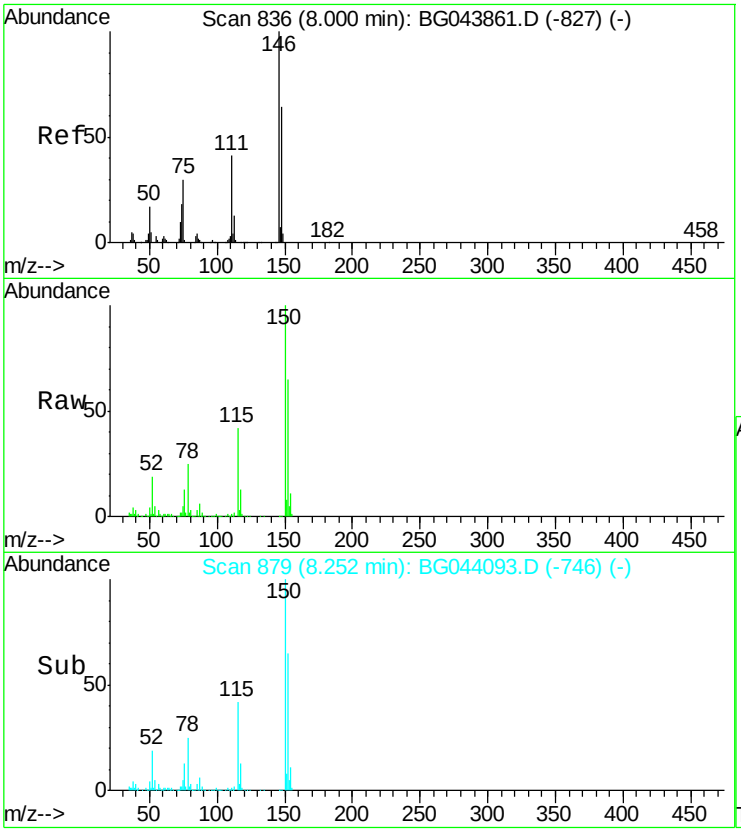


#12
1,3-Dichlorobenzene
Concen: 0.010 ng
RT: 8.25 min Scan# 879
Delta R.T. 0.39 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Tgt Ion:146 Resp: 56

Ion	Ratio	Lower	Upper
146	100		
148	506.9	52.1	78.1#
75	8939.0	23.0	34.4#



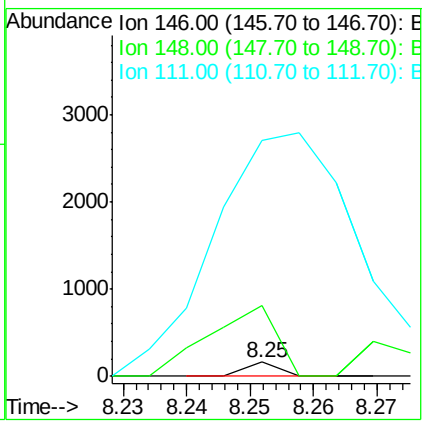


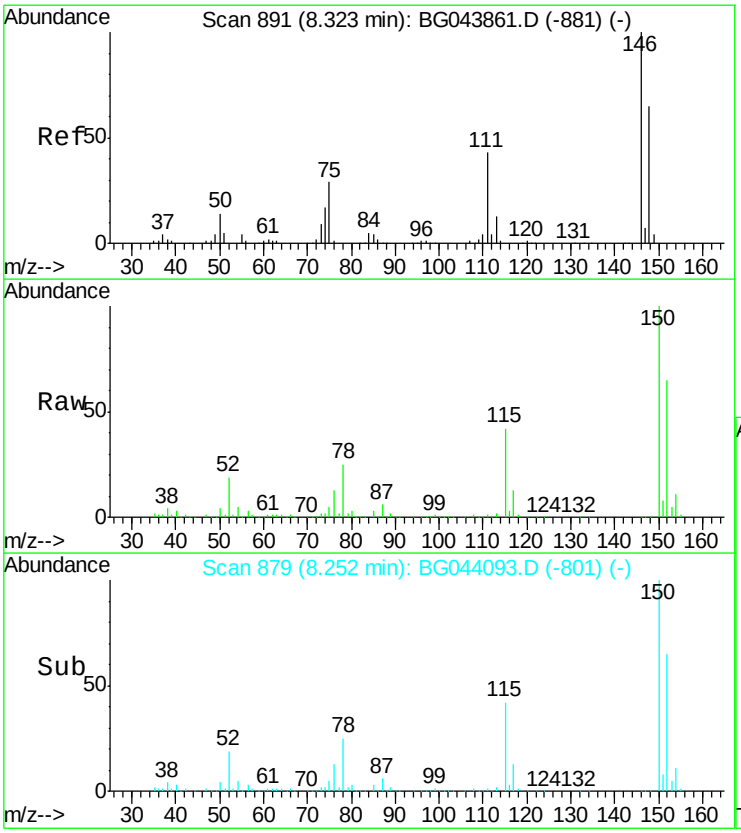
#13
1,4-Dichlorobenzene
Concen: 0.011 ng
RT: 8.25 min Scan# 879
Delta R.T. 0.25 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Instrument :
BNA_G
ClientSampleId :
SP5028

Tgt Ion:146 Resp: 56

Ion	Ratio	Lower	Upper
146	100		
148	506.9	51.2	76.8#
111	1705.0	33.1	49.7#

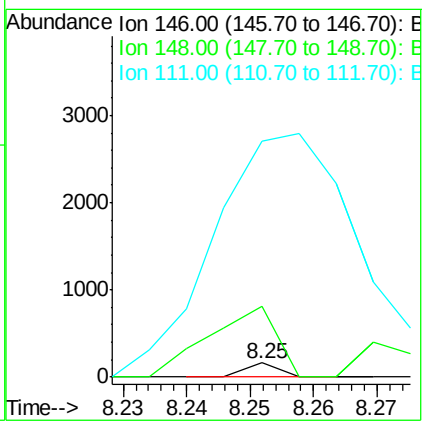


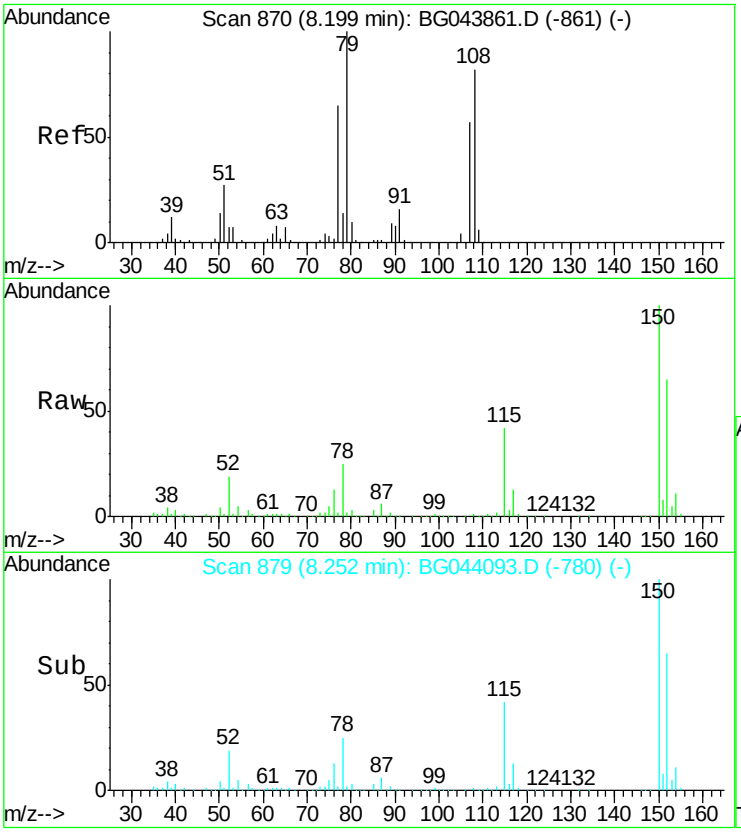


#14
1,2-Dichlorobenzene
Concen: 0.011 ng
RT: 8.25 min Scan# 879
Delta R.T. -0.07 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Tgt Ion:146 Resp: 56

Ion	Ratio	Lower	Upper
146	100		
148	506.9	51.7	77.5#
111	1705.0	34.4	51.6#



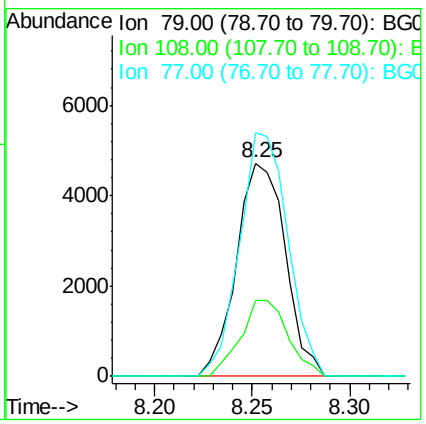


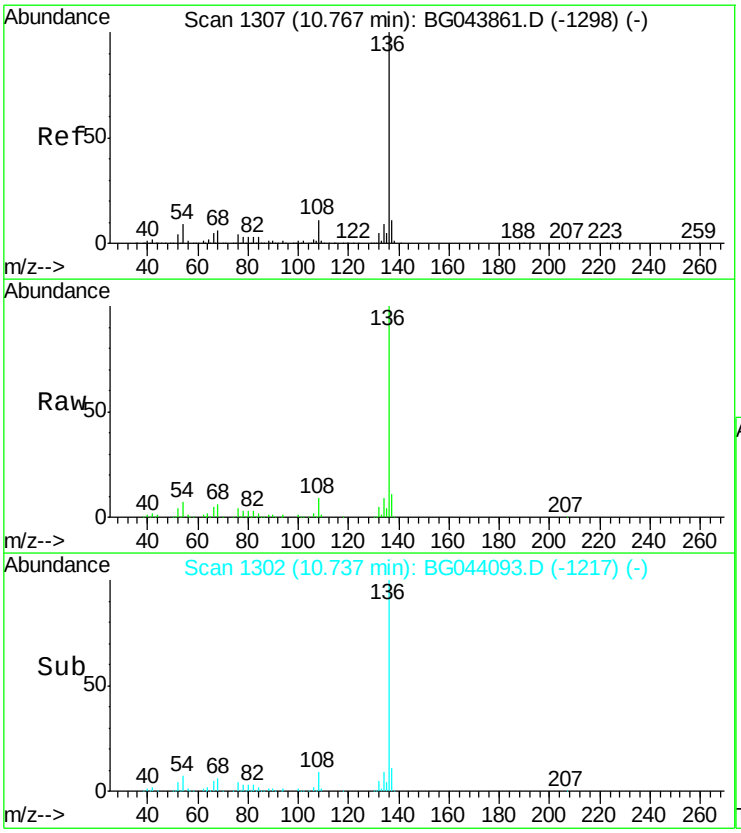
#15
Benzyl Alcohol
Concen: 1.901 ng
RT: 8.25 min Scan# 879
Delta R.T. 0.05 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Instrument :
BNA_G
ClientSampleId :
SP5028

Tgt Ion: 79 Resp: 8176

Ion	Ratio	Lower	Upper
79	100		
108	35.6	65.6	98.4#
77	114.1	52.0	78.0#

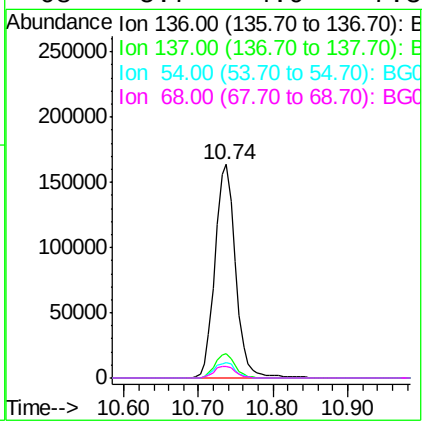


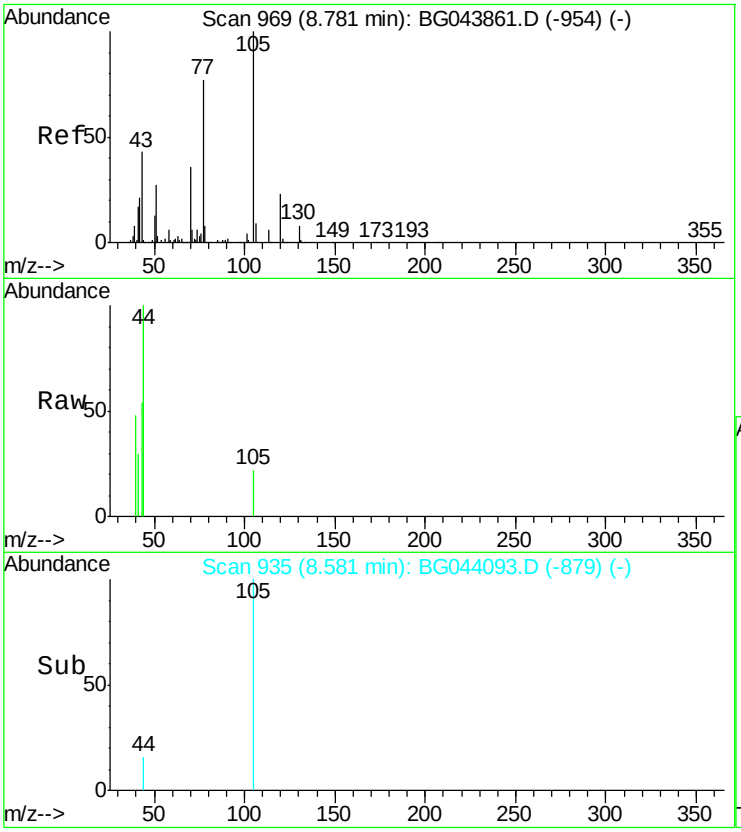


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1302
Delta R.T. -0.03 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Tgt Ion:136 Resp: 314303

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.2	7.0	10.4
68	5.7	4.9	7.3



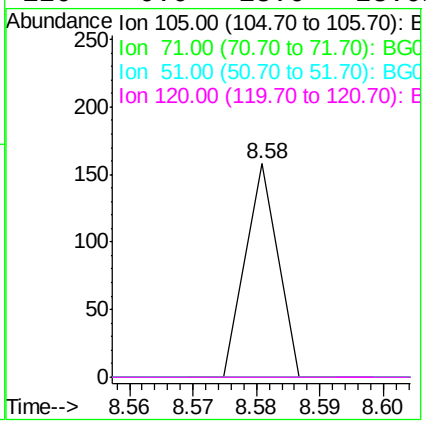


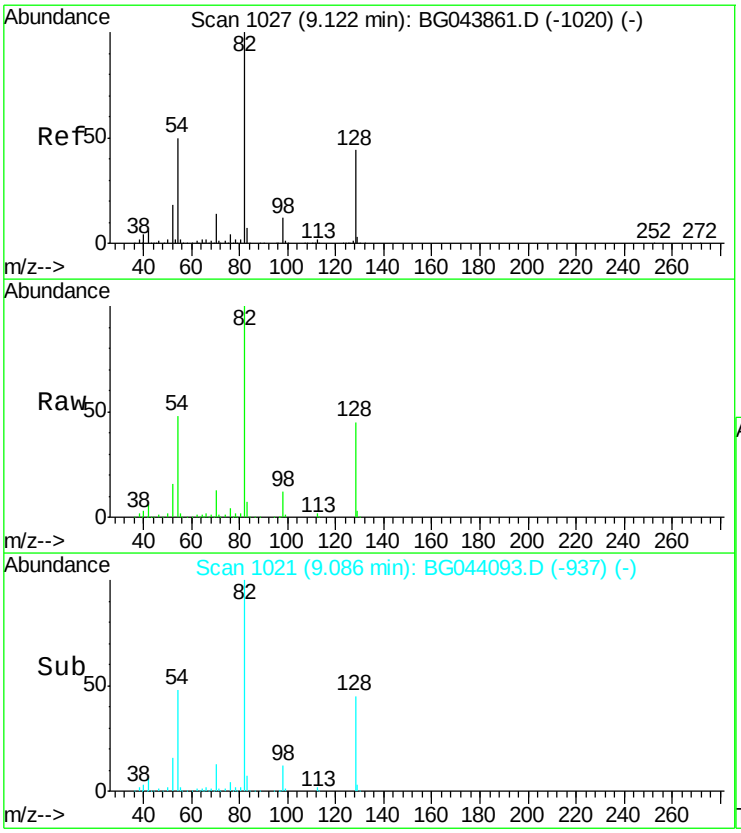
#22
Acetophenone
Concen: 0.007 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.20 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Instrument :
BNA_G
ClientSampleId :
SP5028

Tgt Ion:105 Resp: 56

Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.8	7.2#
51	0.0	21.4	32.0#
120	0.0	18.6	28.0#

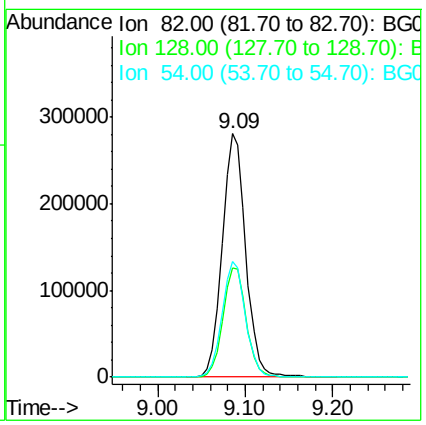


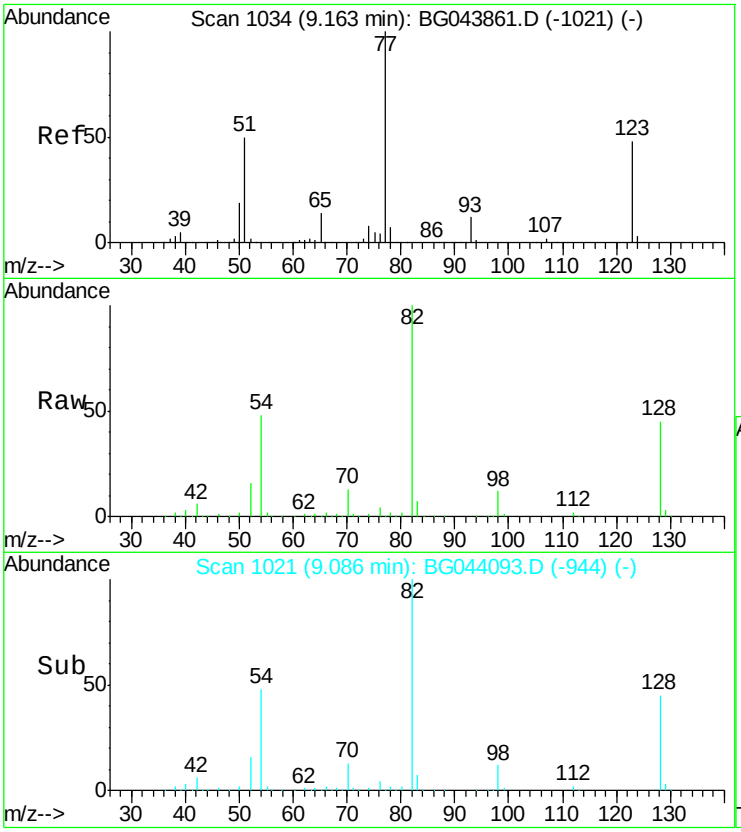


#23
Nitrobenzene-d5
Concen: 87.783 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.04 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Tgt Ion: 82 Resp: 515748

Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.1	52.7
54	47.6	40.1	60.1



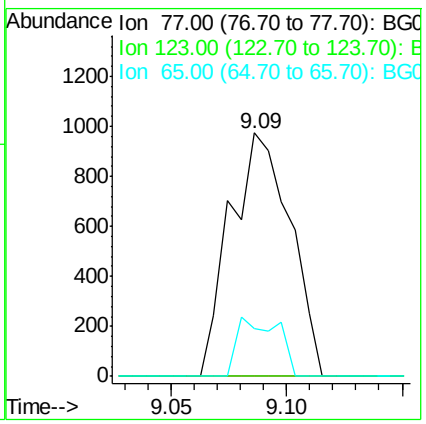


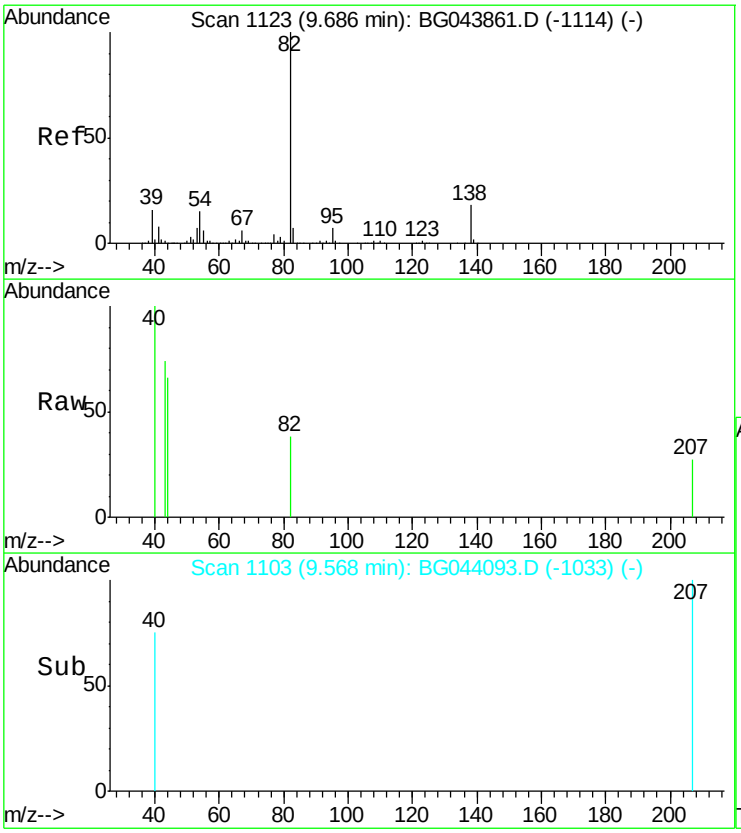
#24
Nitrobenzene
Concen: 0.302 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.08 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Instrument :
BNA_G
ClientSampleId :
SP5028

Tgt Ion: 77 Resp: 1759

Ion	Ratio	Lower	Upper
77	100		
123	0.0	38.7	58.1#
65	19.5	11.1	16.7#

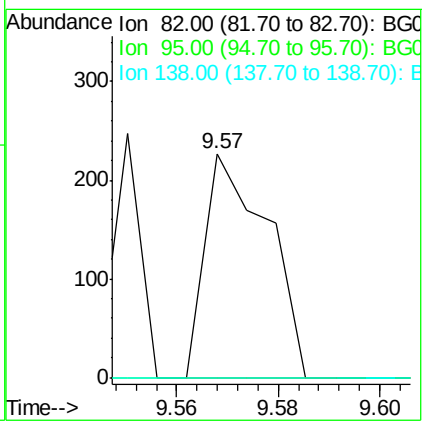


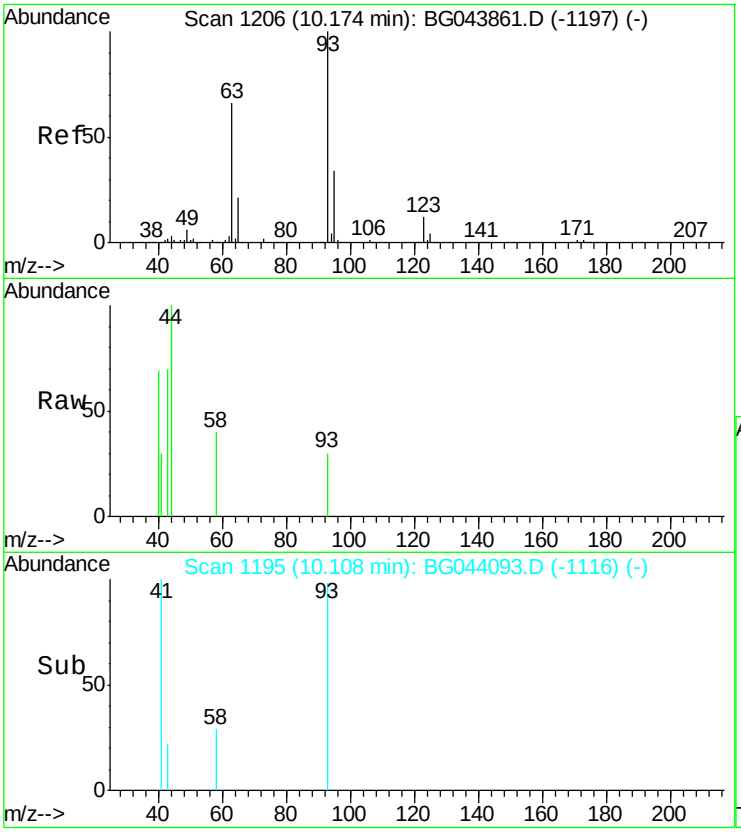


#25
Isophorone
Concen: 0.018 ng
RT: 9.57 min Scan# 1103
Delta R.T. -0.12 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Tgt Ion: 82 Resp: 195

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	22.0#



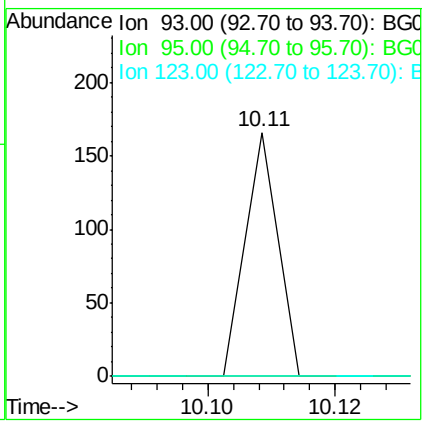


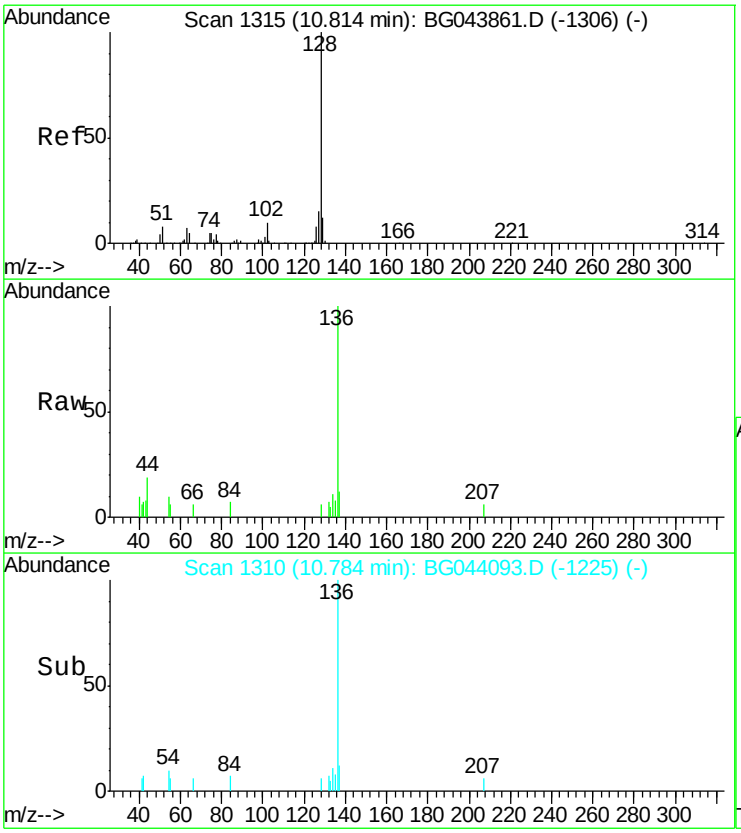
#28
bis(2-Chloroethoxy)methane
Concen: 0.008 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.07 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Instrument :
BNA_G
ClientSampleId :
SP5028

Tgt Ion: 93 Resp: 59

Ion	Ratio	Lower	Upper
93	100		
95	0.0	27.2	40.8#
123	0.0	9.7	14.5#

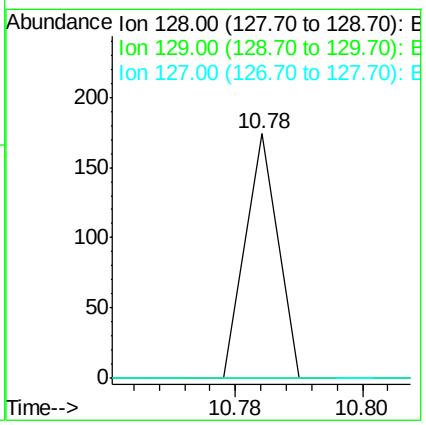


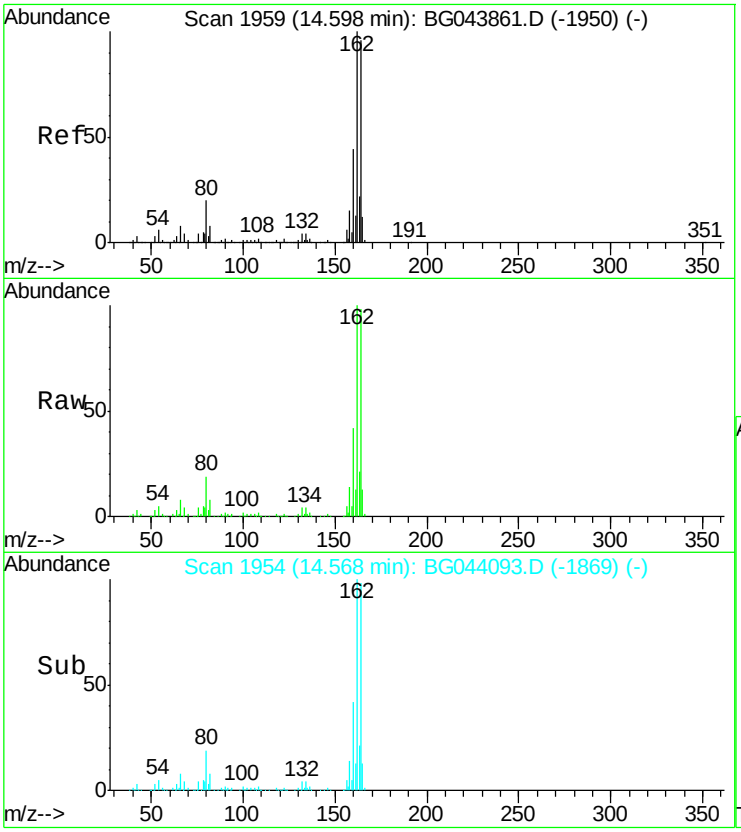


#31
Naphthalene
Concen: 0.004 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Tgt Ion:128 Resp: 61

Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.8	14.6#
127	0.0	12.0	18.0#



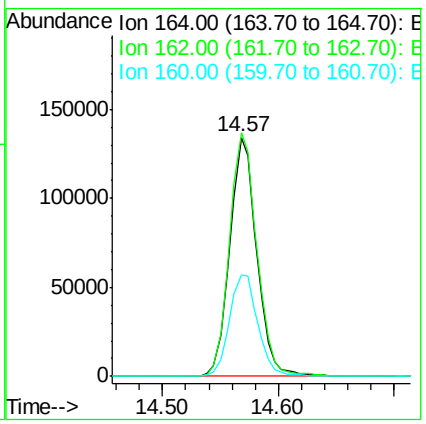


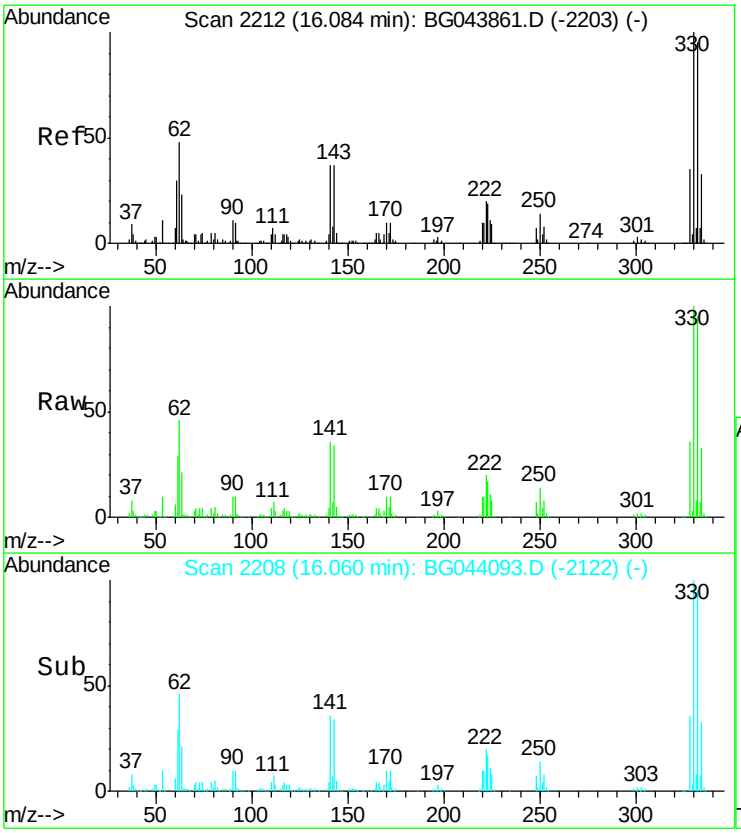
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Instrument :
BNA_G
ClientSampleId :
SP5028

Tgt Ion:164 Resp: 216276

Ion	Ratio	Lower	Upper
164	100		
162	102.1	83.0	124.4
160	42.7	36.1	54.1

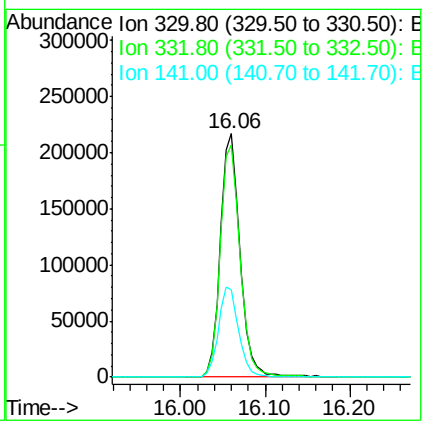


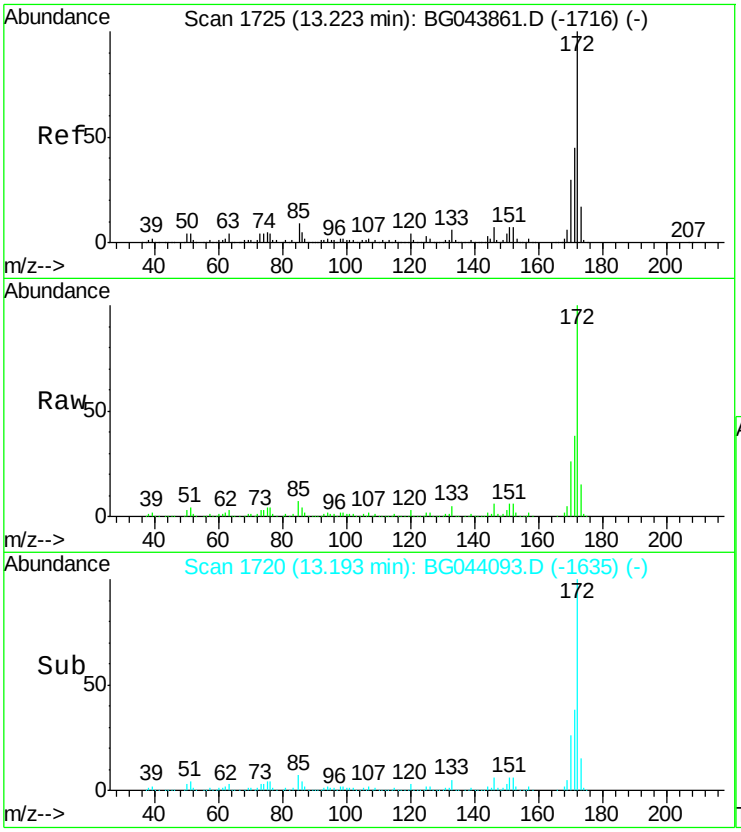


#42
2,4,6-Tribromophenol
Concen: 154.548 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Tgt Ion:330 Resp: 349787

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.2	115.8
141	38.1	33.1	49.7



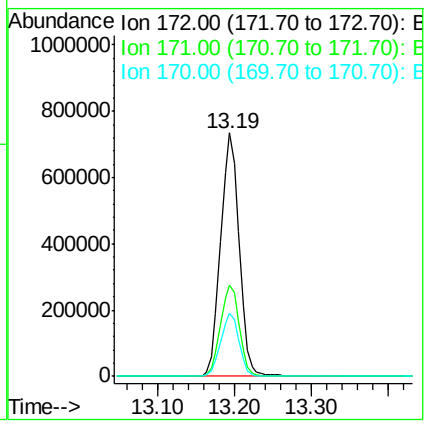


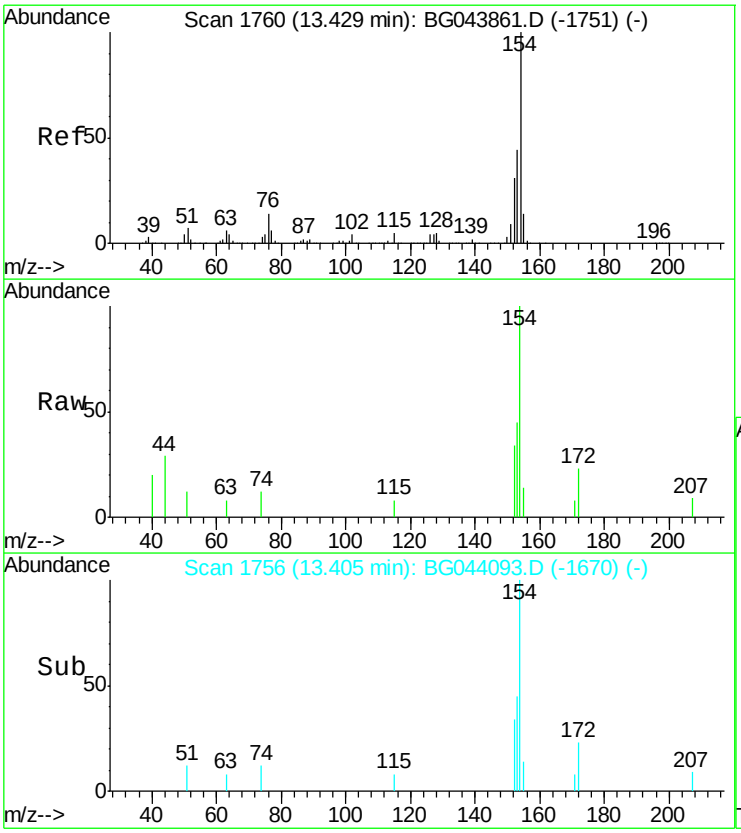
#45
2-Fluorobiphenyl
Concen: 102.569 ng
RT: 13.19 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Instrument :
BNA_G
ClientSampleId :
SP5028

Tgt Ion:172 Resp: 1224395

Ion	Ratio	Lower	Upper
172	100		
171	37.7	35.8	53.8
170	26.0	24.2	36.4

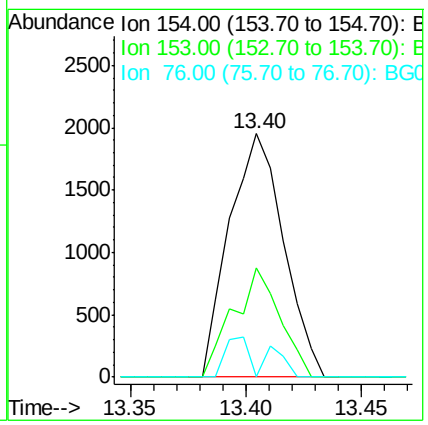


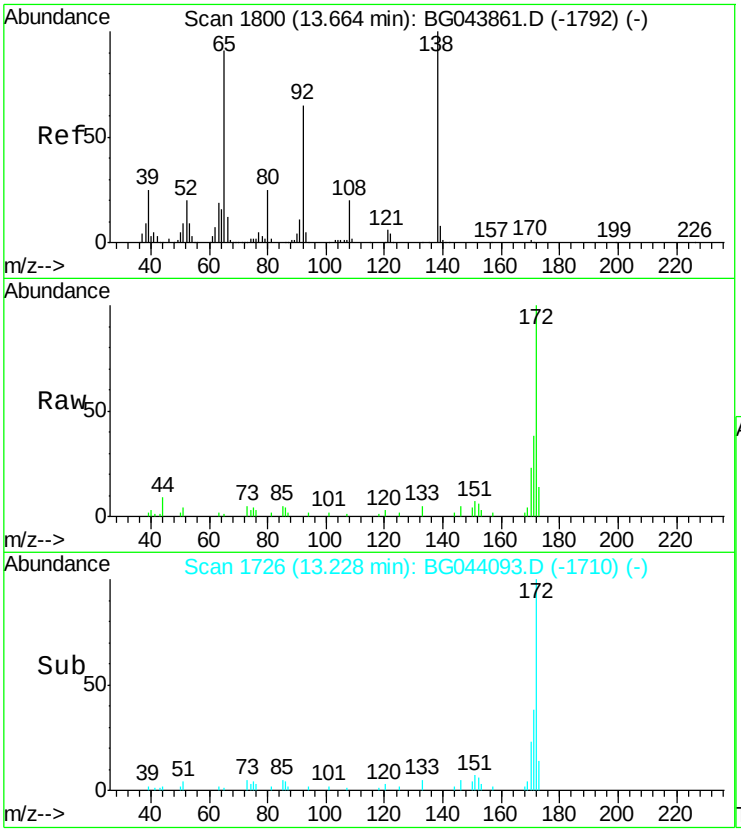


#46
1,1'-Biphenyl
Concen: 0.205 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.02 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Tgt Ion:154 Resp: 3179

Ion	Ratio	Lower	Upper
154	100		
153	45.0	23.6	63.6
76	0.0	0.0	34.4



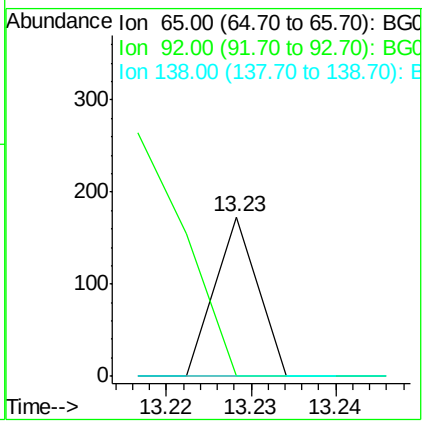


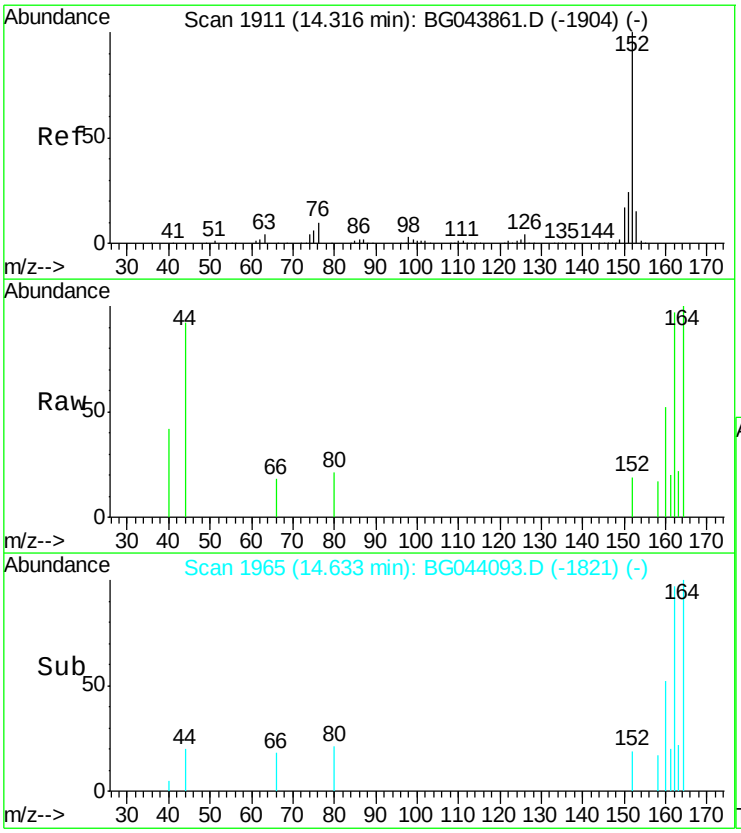
#48
2-Nitroaniline
Concen: 0.015 ng
RT: 13.23 min Scan# 1726
Delta R.T. -0.44 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Instrument :
BNA_G
ClientSampleId :
SP5028

Tgt Ion: 65 Resp: 61

Ion	Ratio	Lower	Upper
65	100		
92	0.0	57.4	86.2#
138	0.0	88.2	132.4#

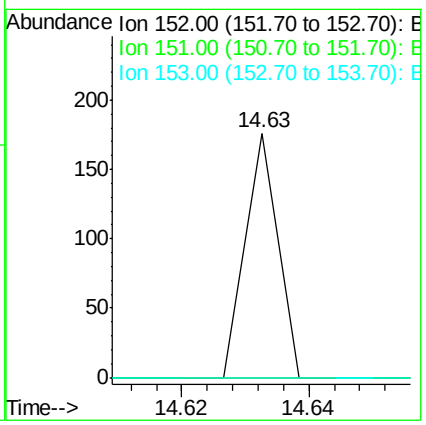


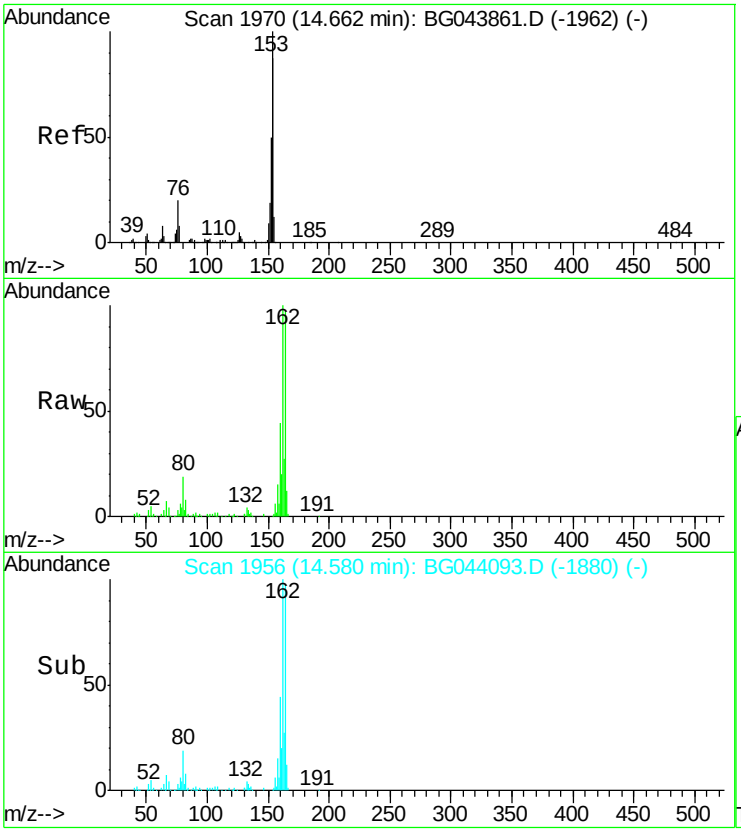


#49
Acenaphthylene
Concen: 0.003 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.32 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Tgt Ion:152 Resp: 62

Ion	Ratio	Lower	Upper
152	100		
151	0.0	19.4	29.2#
153	0.0	12.0	18.0#



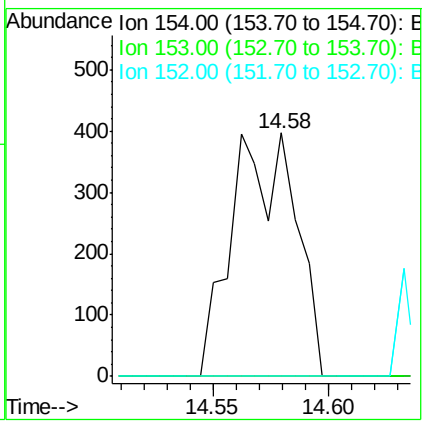


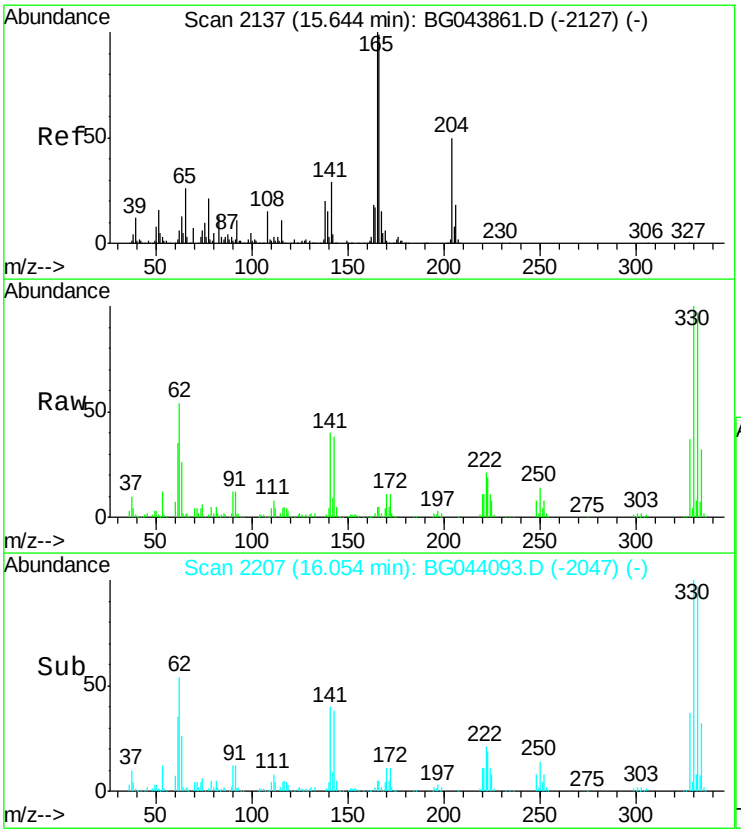
#52
Acenaphthene
Concen: 0.060 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.08 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Instrument :
BNA_G
ClientSampleId :
SP5028

Tgt Ion:154 Resp: 756

Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.6	137.4#
152	0.0	45.4	68.0#

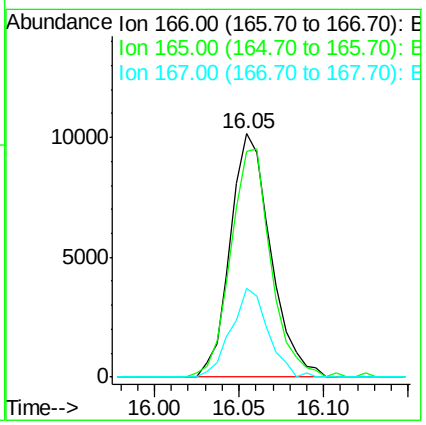


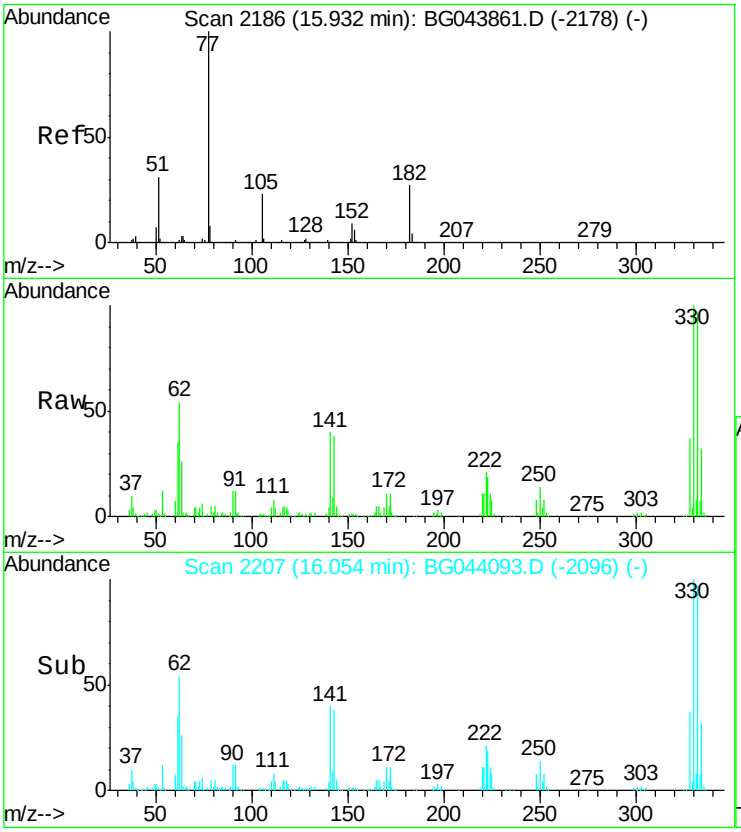


#58
Fluorene
Concen: 1.228 ng
RT: 16.05 min Scan# 2207
Delta R.T. 0.41 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Tgt Ion:166 Resp: 16917

Ion	Ratio	Lower	Upper
166	100		
165	92.7	80.8	121.2
167	36.2	12.1	18.1#



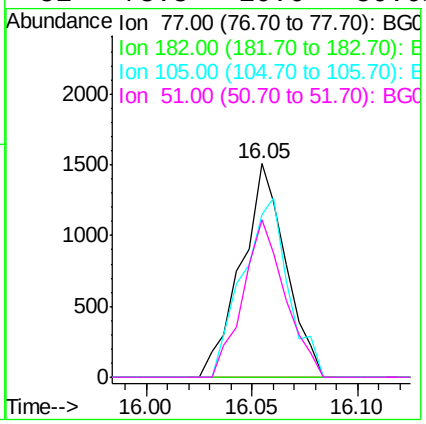


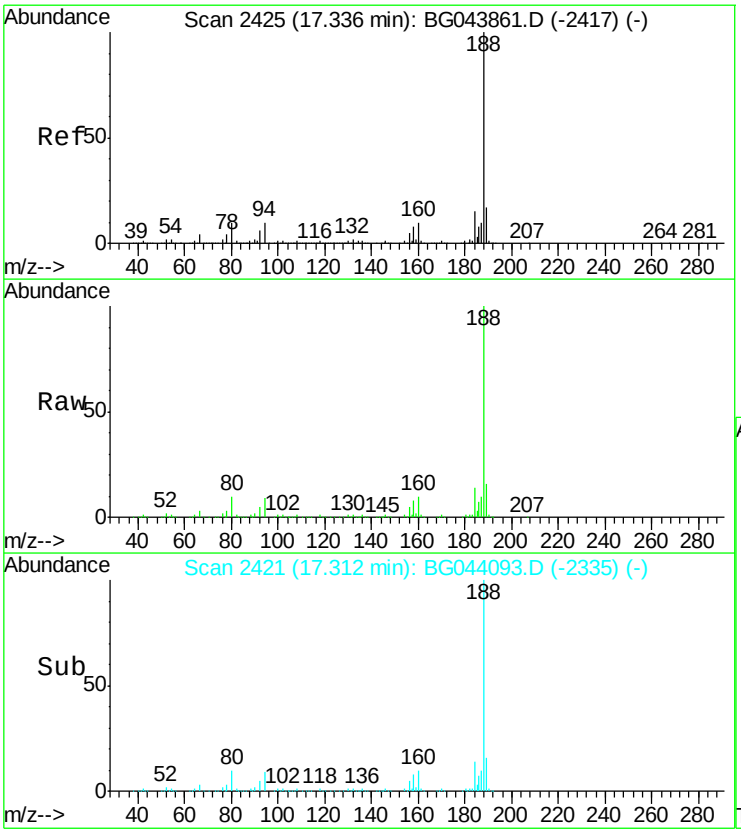
#63
Azobenzene
Concen: 0.156 ng
RT: 16.05 min Scan# 2207
Delta R.T. 0.12 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Instrument :
BNA_G
ClientSampleId :
SP5028

Tgt Ion: 77 Resp: 2221

Ion	Ratio	Lower	Upper
77	100		
182	0.0	7.3	47.3#
105	75.9	3.2	43.2#
51	73.8	10.6	50.6#

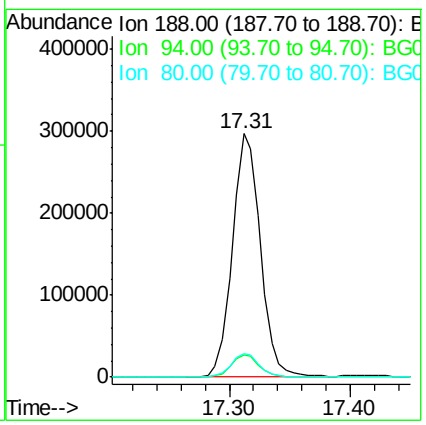


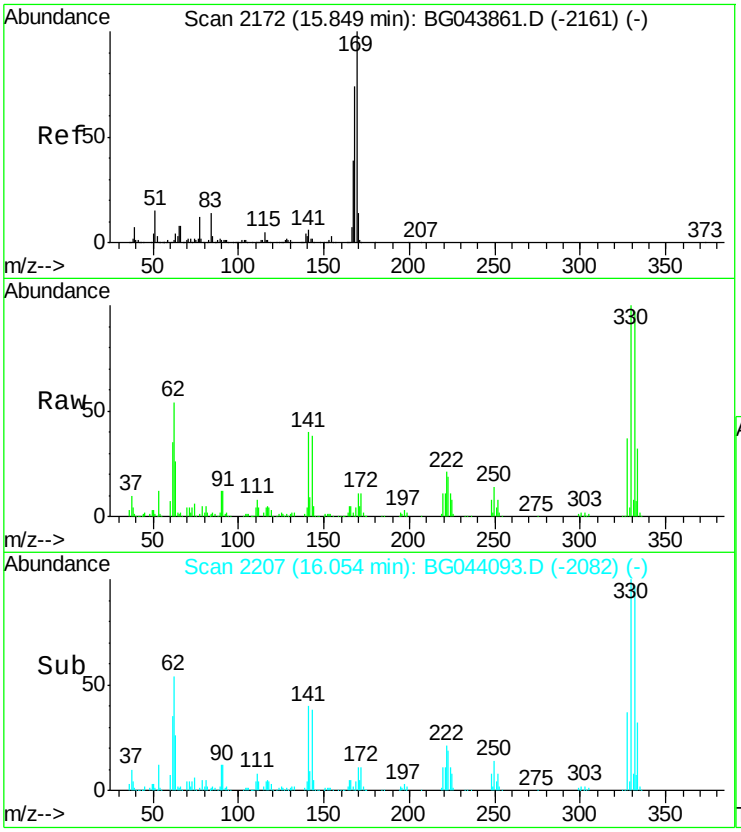


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Tgt Ion:188 Resp: 480280

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.9	11.9
80	9.8	8.2	12.4



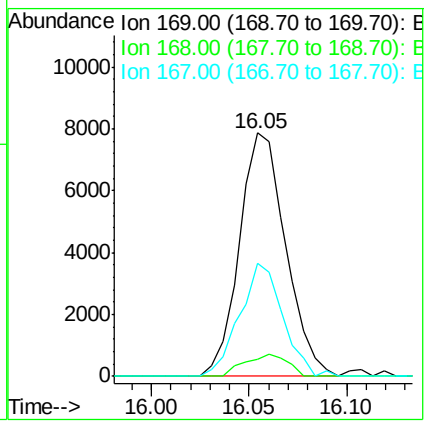


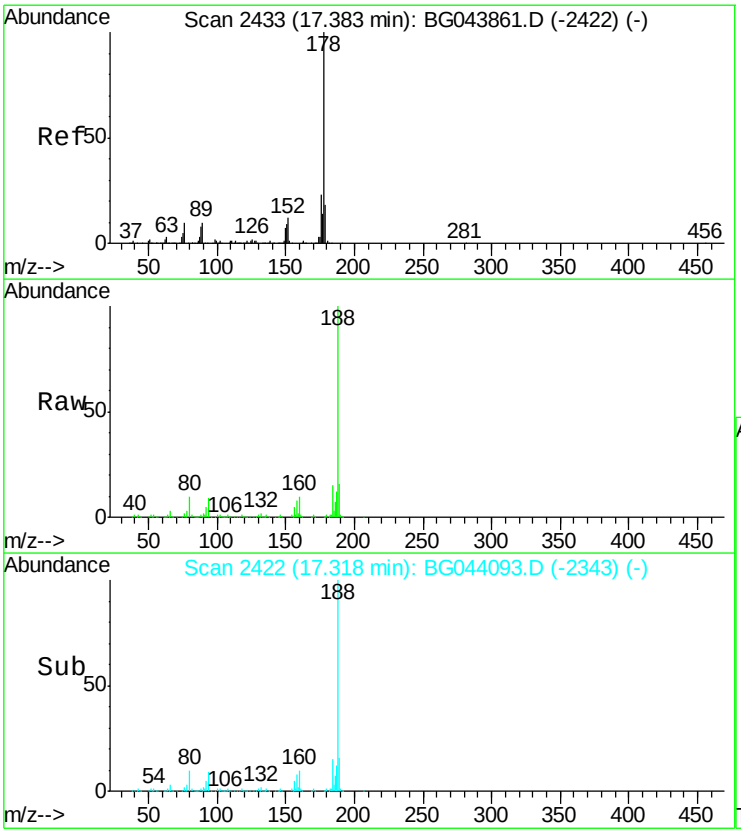
#66
n-Nitrosodiphenylamine
Concen: 0.914 ng
RT: 16.05 min Scan# 2207
Delta R.T. 0.21 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Instrument :
BNA_G
ClientSampleId :
SP5028

Tgt Ion:169 Resp: 12928

Ion	Ratio	Lower	Upper
169	100		
168	7.2	59.0	88.6#
167	46.7	31.4	47.0

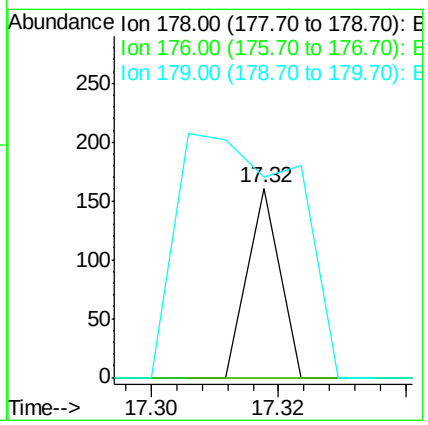


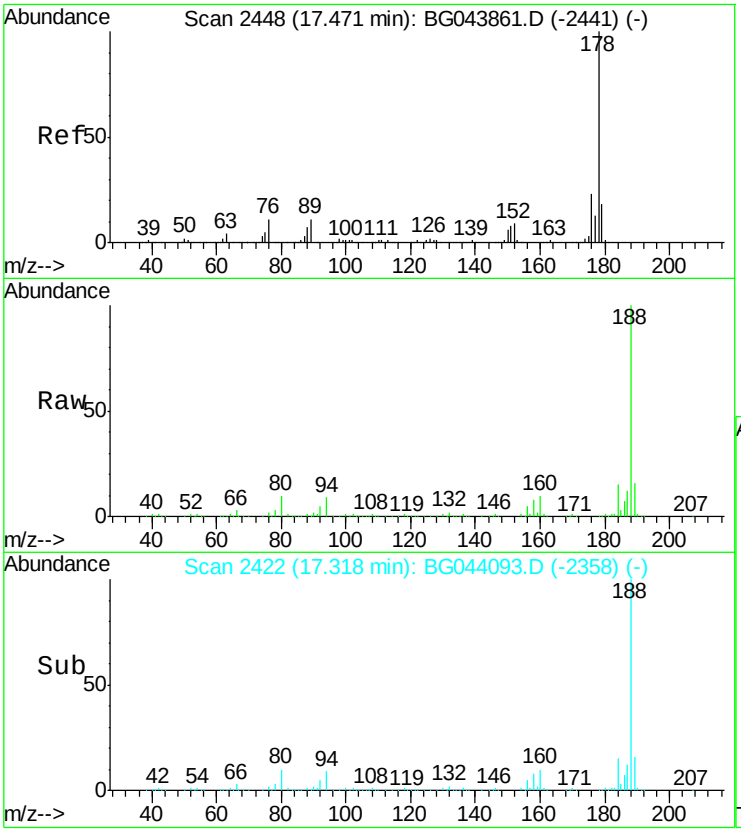


#71
Phenanthrene
Concen: 0.002 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.07 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Tgt Ion:178 Resp: 57

Ion	Ratio	Lower	Upper
178	100		
176	0.0	18.6	28.0#
179	105.6	14.4	21.6#



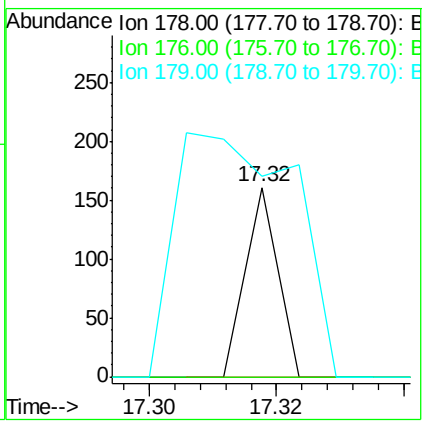


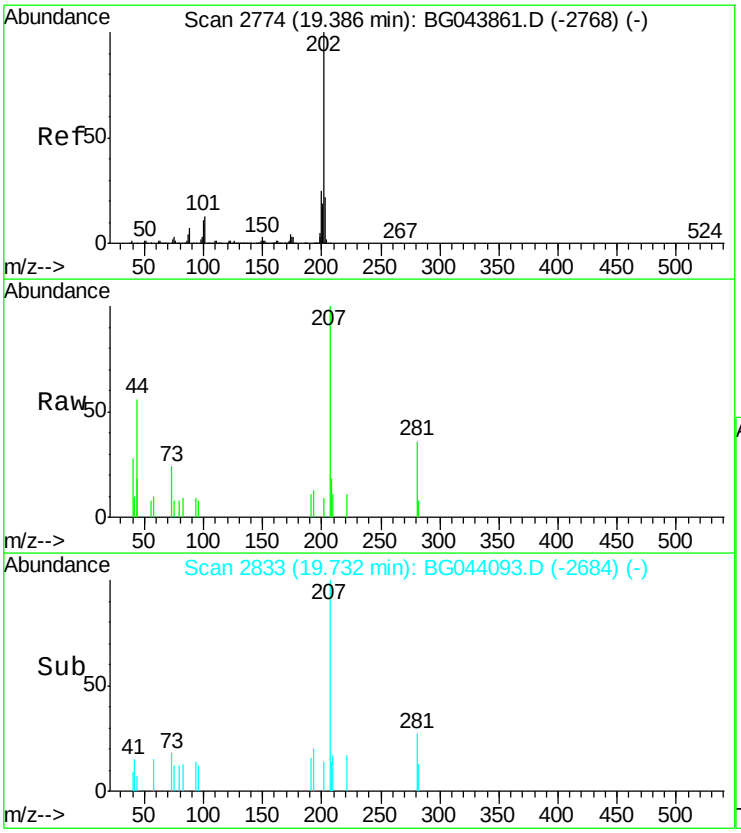
#72
Anthracene
Concen: 0.003 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.15 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Instrument :
BNA_G
ClientSampleId :
SP5028

Tgt Ion:178 Resp: 57

Ion	Ratio	Lower	Upper
178	100		
176	0.0	18.3	27.5#
179	105.6	14.6	22.0#

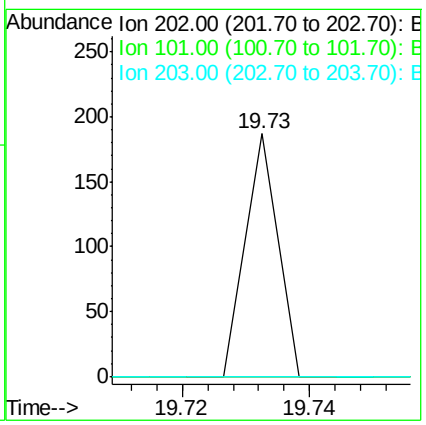


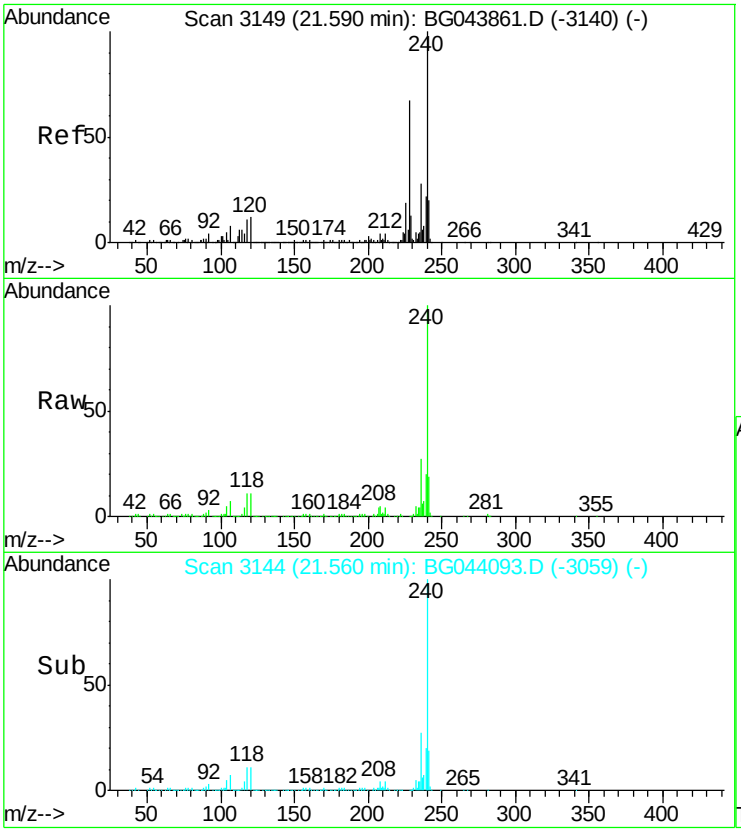


#75
Fluoranthene
Concen: 0.003 ng
RT: 19.73 min Scan# 2833
Delta R.T. 0.35 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Tgt Ion:202 Resp: 66

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	33.3
203	0.0	1.6	41.6#



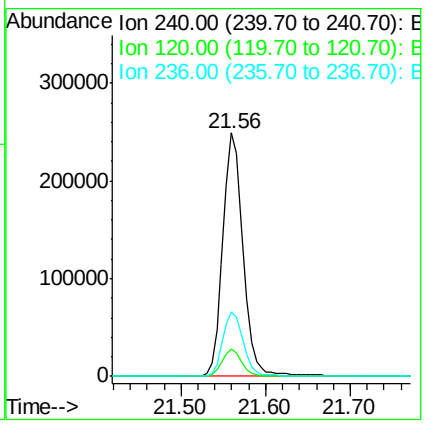


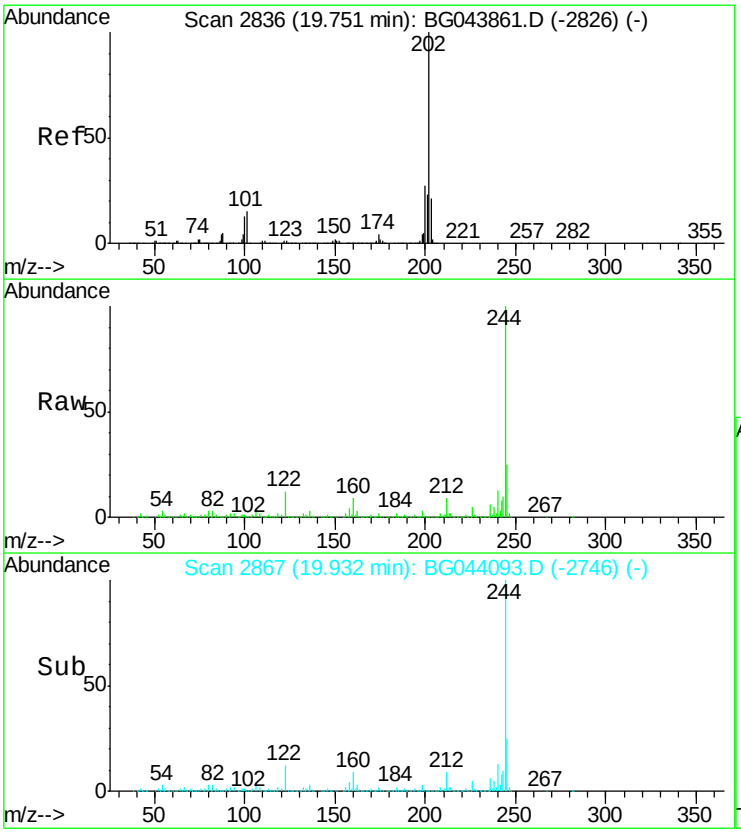
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.03 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Instrument :
BNA_G
ClientSampleId :
SP5028

Tgt Ion:240 Resp: 413134

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.6	14.4
236	26.7	22.2	33.2

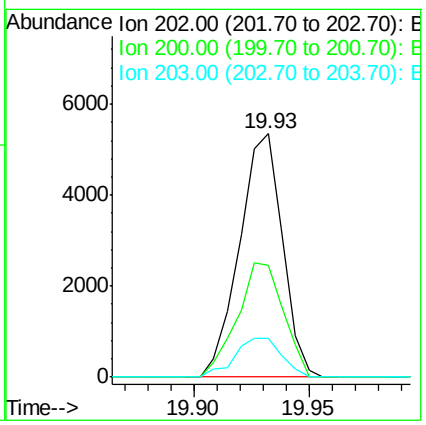


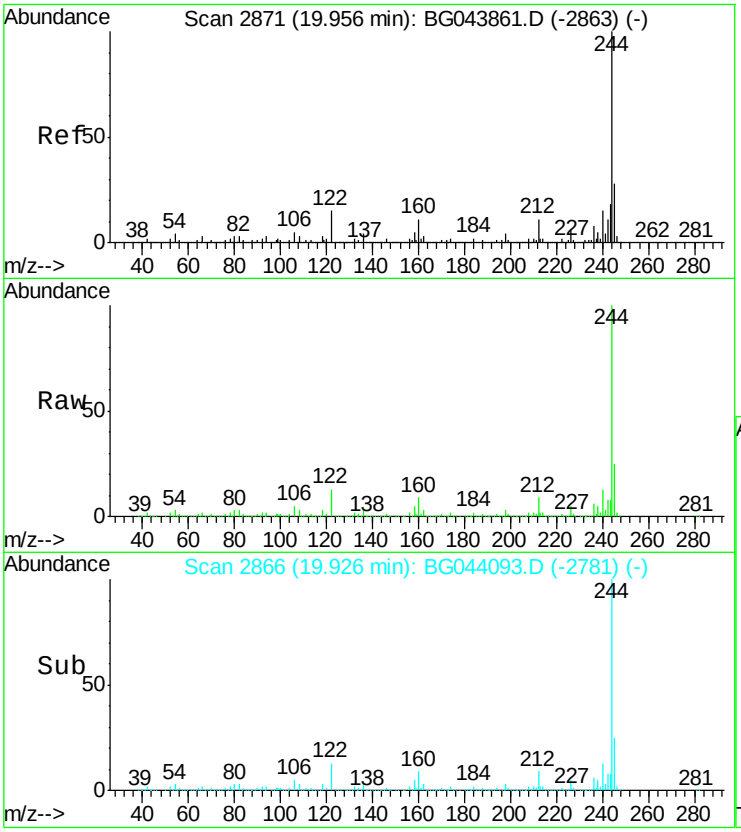


#78
Pyrene
Concen: 0.257 ng
RT: 19.93 min Scan# 2867
Delta R.T. 0.18 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Tgt Ion:202 Resp: 6931

Ion	Ratio	Lower	Upper
202	100		
200	46.1	21.7	32.5#
203	15.8	17.0	25.6#



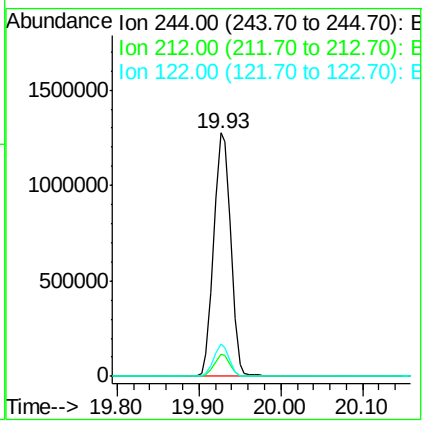


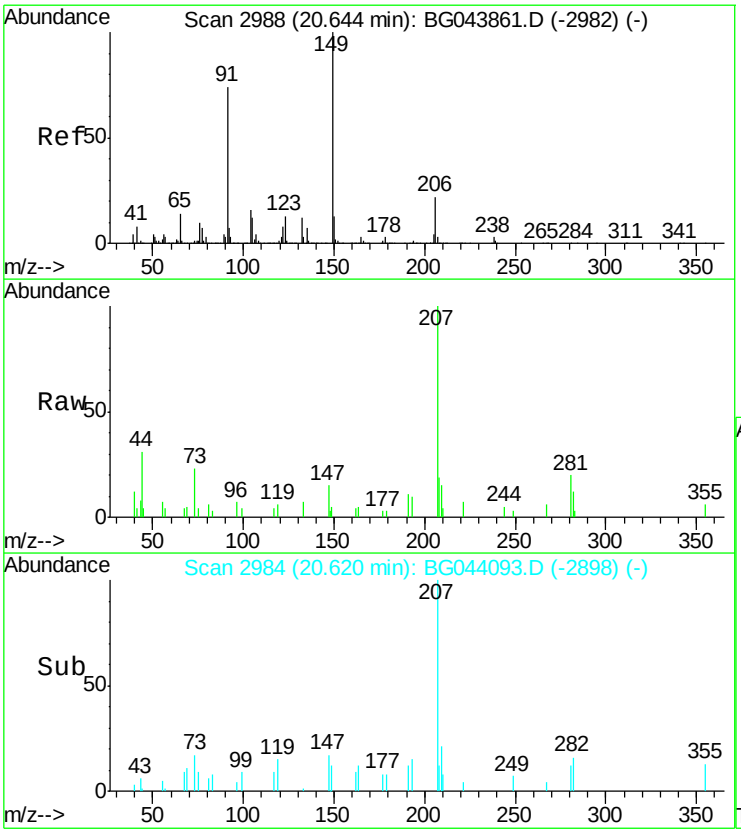
#79
Terphenyl-d14
Concen: 120.258 ng
RT: 19.93 min Scan# 2866
Delta R.T. -0.03 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Instrument :
BNA_G
ClientSampleId :
SP5028

Tgt Ion:244 Resp: 1859433

Ion	Ratio	Lower	Upper
244	100		
212	9.1	8.6	13.0
122	13.4	11.9	17.9

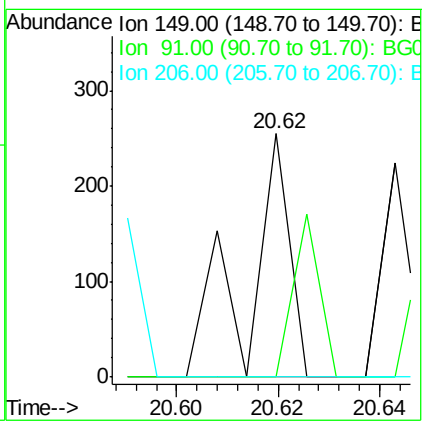


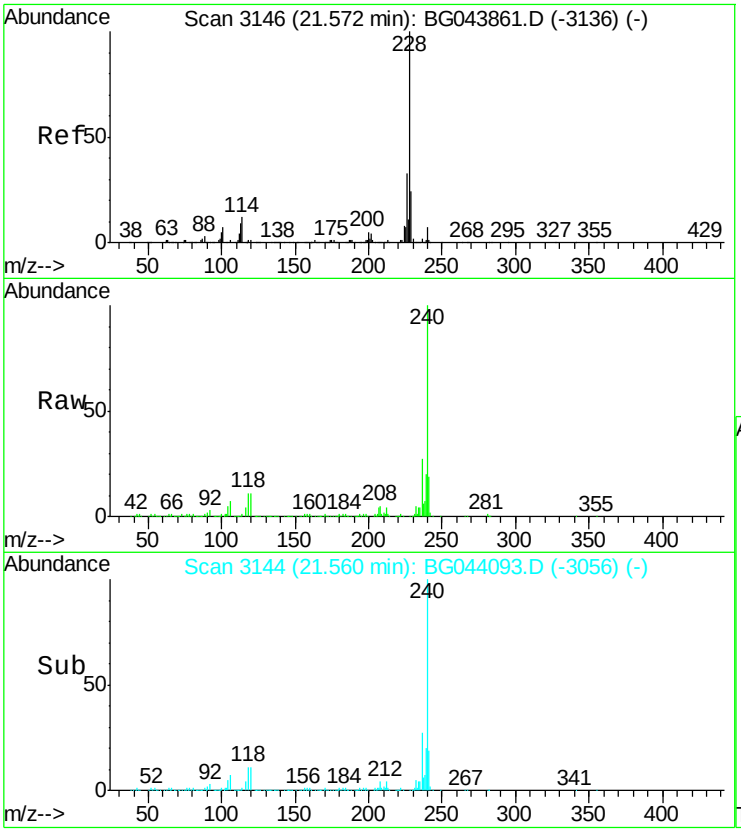


#80
Butylbenzylphthalate
Concen: 0.011 ng
RT: 20.62 min Scan# 2984
Delta R.T. -0.02 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Tgt Ion:149 Resp: 144

Ion	Ratio	Lower	Upper
149	100		
91	0.0	59.5	89.3#
206	0.0	17.8	26.6#



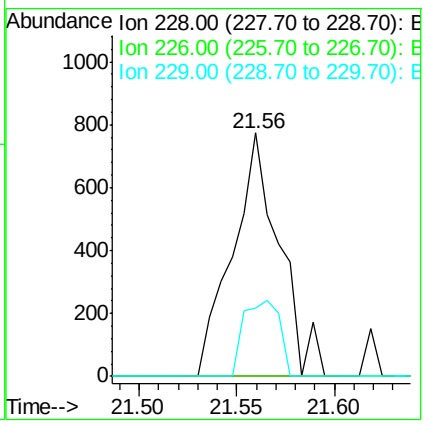


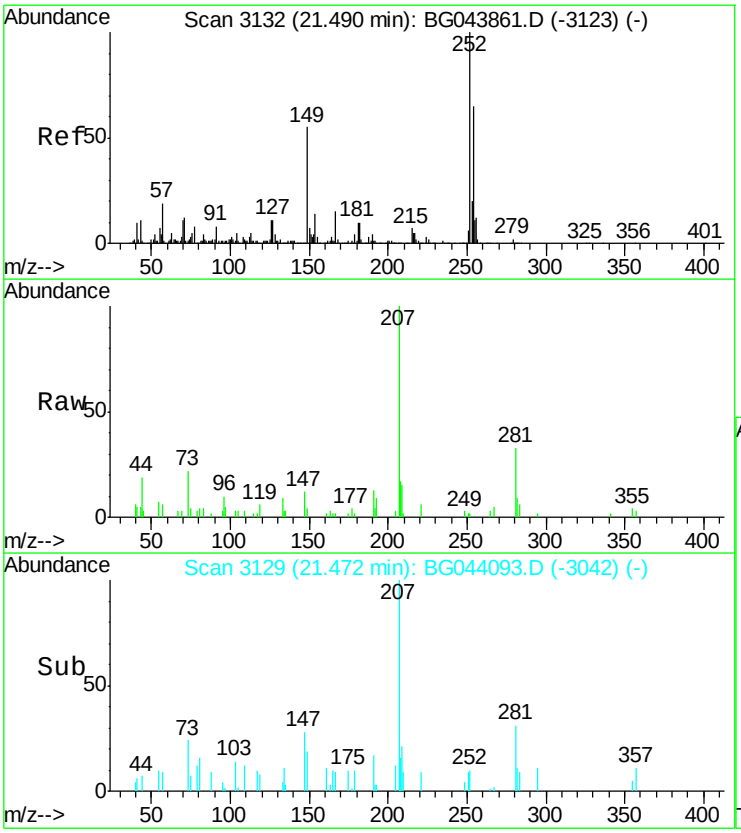
#81
Benzo(a)anthracene
Concen: 0.050 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Instrument :
BNA_G
ClientSampleId :
SP5028

Tgt Ion:228 Resp: 1281

Ion	Ratio	Lower	Upper
228	100		
226	0.0	26.2	39.4#
229	27.9	18.9	28.3

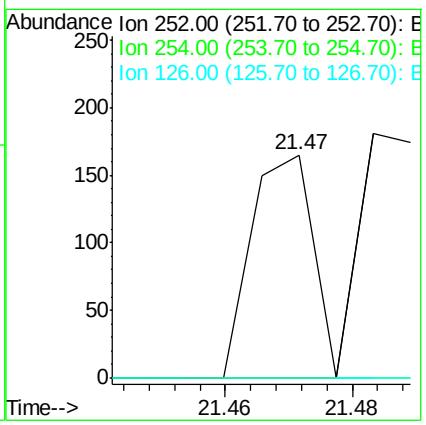


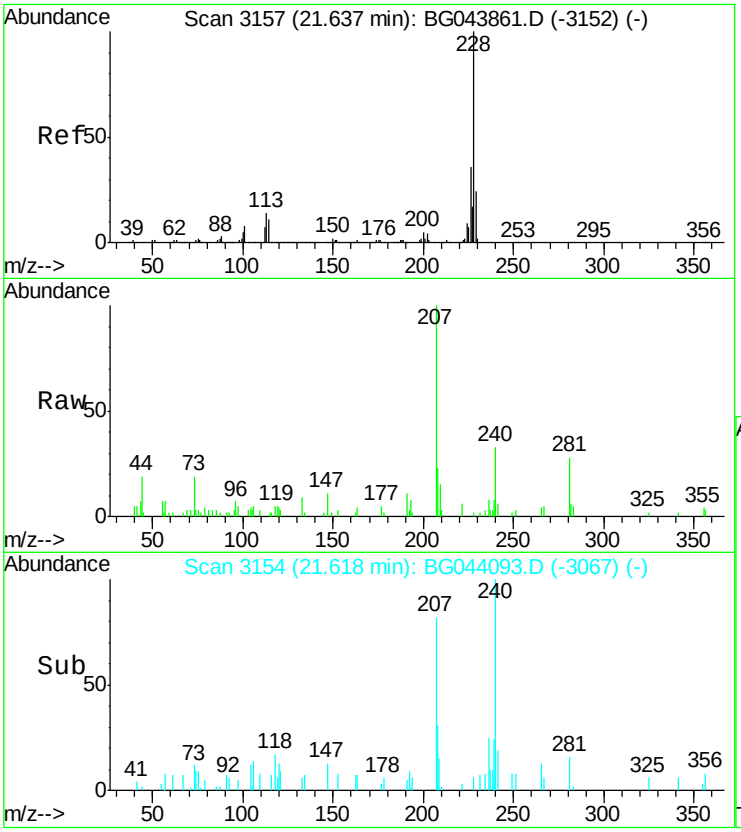


#82
3,3'-Dichlorobenzidine
Concen: 0.011 ng
RT: 21.47 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Tgt Ion:252 Resp: 111

Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.1	78.1#
126	0.0	9.1	13.7#



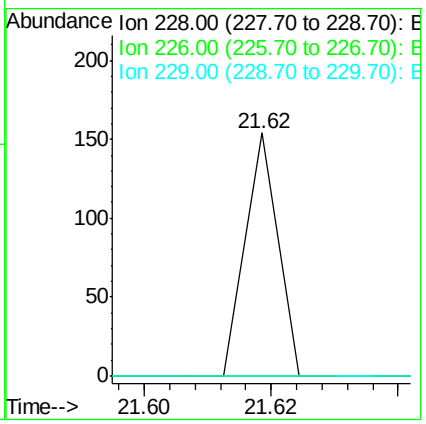


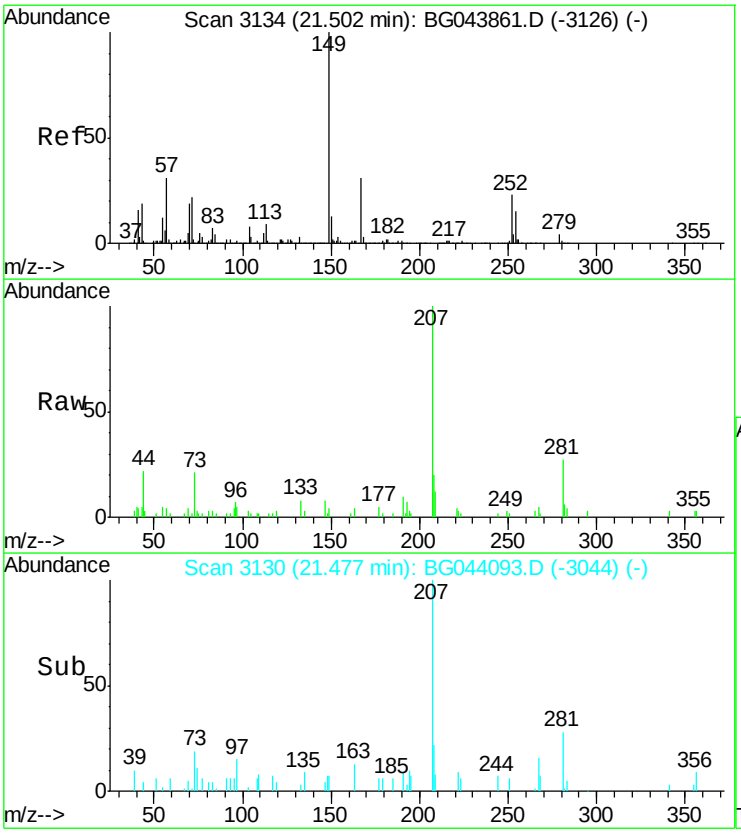
#83
Chrysene
Concen: 0.002 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.02 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Instrument :
BNA_G
ClientSampleId :
SP5028

Tgt Ion:228 Resp: 54

Ion	Ratio	Lower	Upper
228	100		
226	0.0	28.8	43.2#
229	0.0	19.0	28.6#

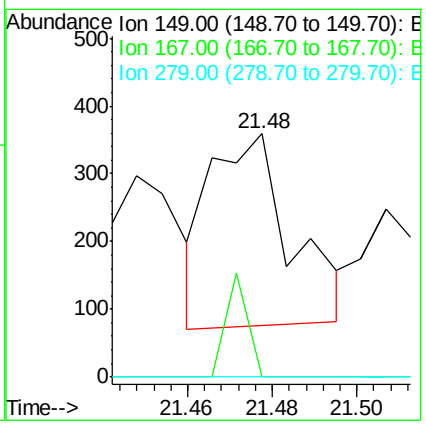


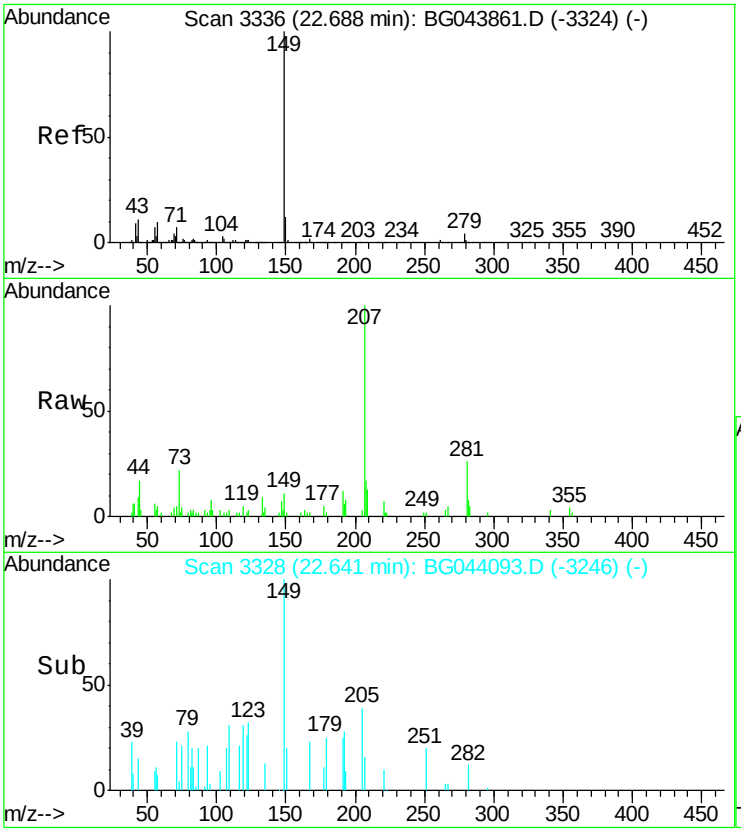


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.021 ng
RT: 21.48 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Tgt Ion:149 Resp: 375

Ion	Ratio	Lower	Upper
149	100		
167	0.0	24.7	37.1#
279	0.0	3.3	4.9#



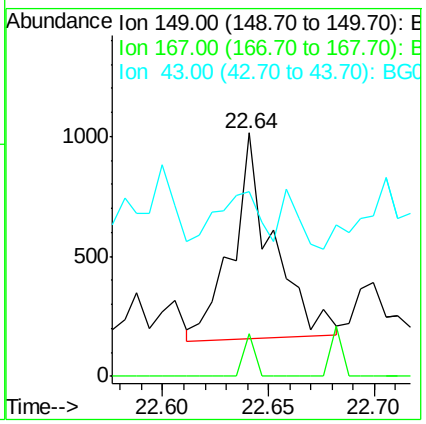


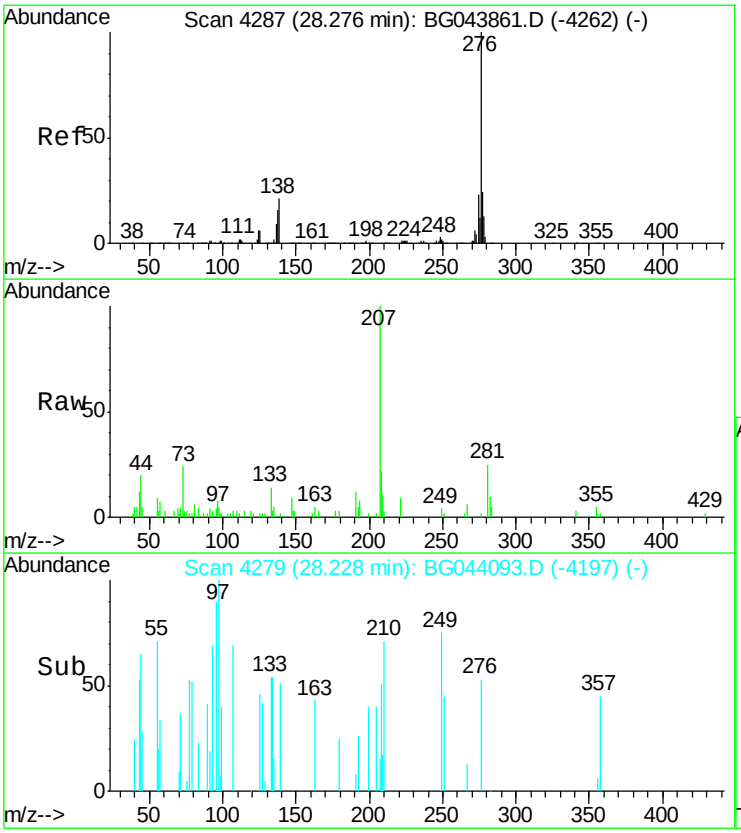
#85
Di-n-octyl phthalate
Concen: 0.038 ng
RT: 22.64 min Scan# 3328
Delta R.T. -0.05 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Instrument :
BNA_G
ClientSampleId :
SP5028

Tgt Ion:149 Resp: 1134

Ion	Ratio	Lower	Upper
149	100		
167	5.6	1.4	2.0#
43	35.7	8.8	13.2#

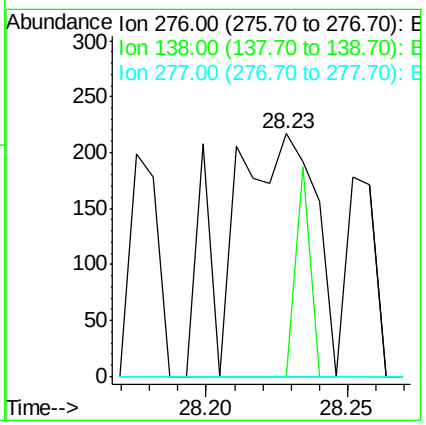


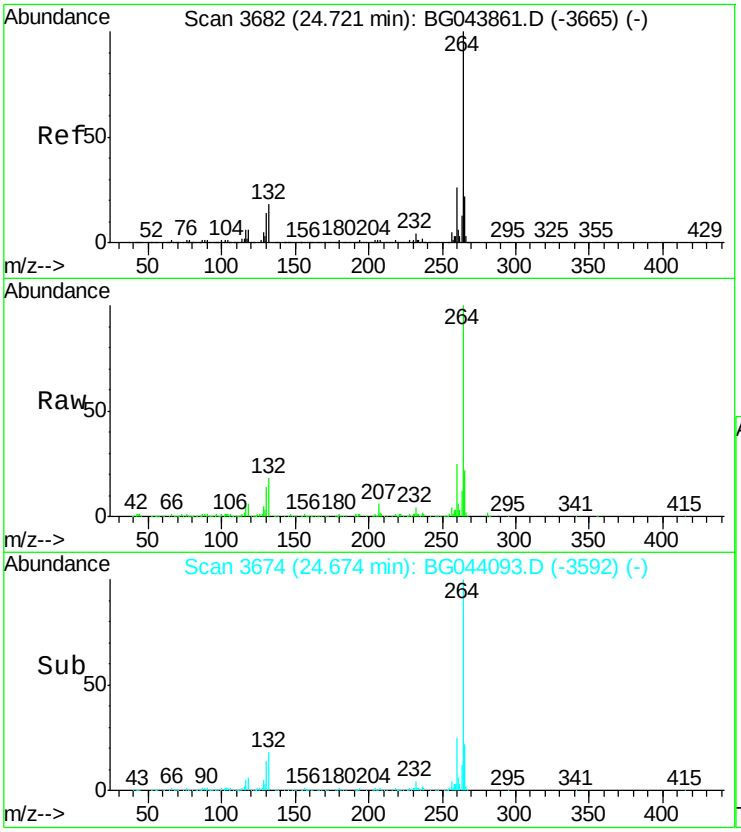


#86
Indeno(1,2,3-cd)pyrene
Concen: 0.014 ng
RT: 28.23 min Scan# 4279
Delta R.T. -0.05 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Tgt Ion:276 Resp: 468

Ion	Ratio	Lower	Upper
276	100		
138	14.1	21.0	31.4#
277	0.0	21.1	31.7#



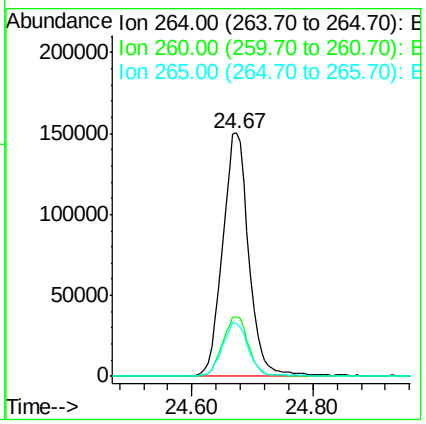


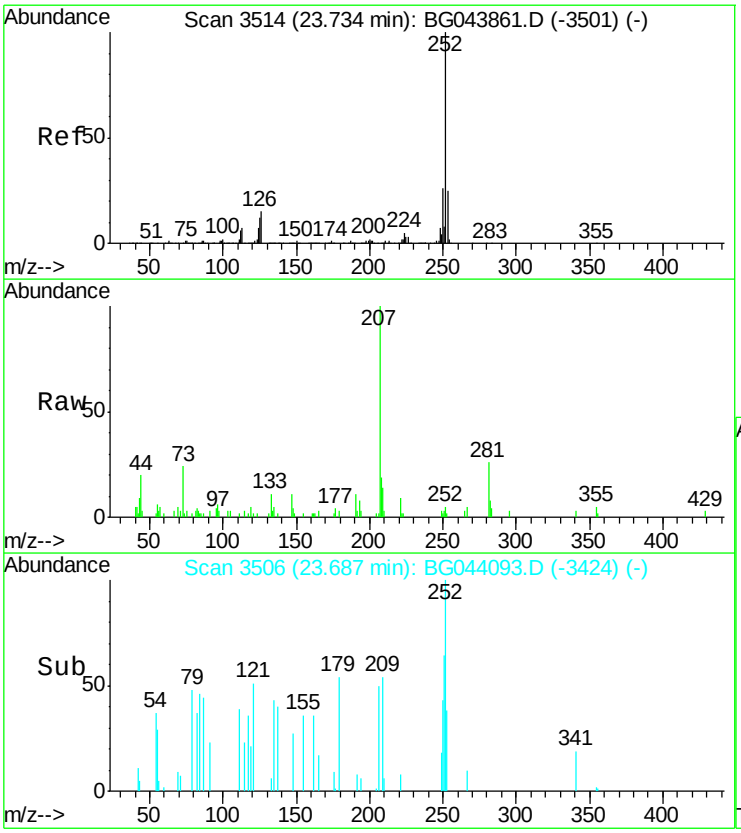
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.05 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Instrument :
BNA_G
ClientSampleId :
SP5028

Tgt Ion:264 Resp: 451783

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.4	30.6
265	21.9	17.4	26.2

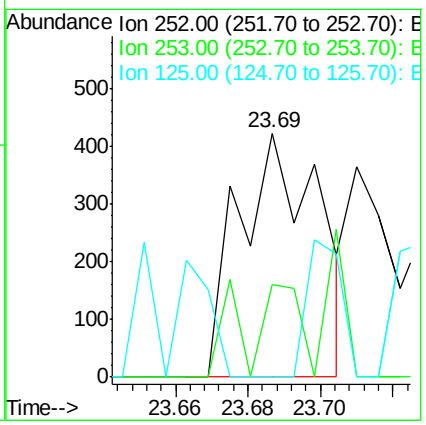


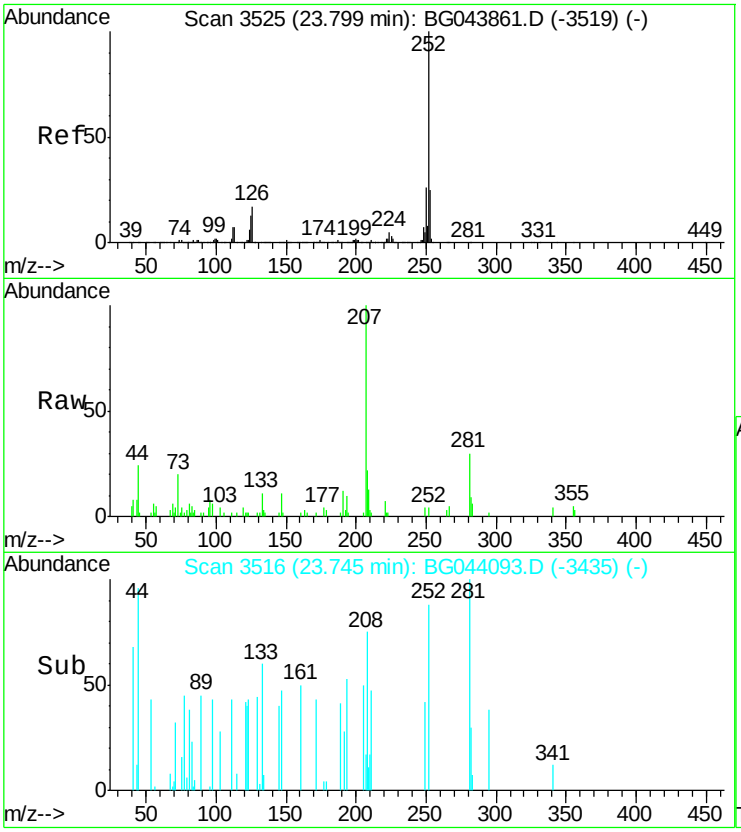


#88
Benzo(b)fluoranthene
Concen: 0.024 ng
RT: 23.69 min Scan# 3506
Delta R.T. -0.05 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Tgt Ion:252 Resp: 645

Ion	Ratio	Lower	Upper
252	100		
253	38.1	19.7	29.5#
125	0.0	9.4	14.2#



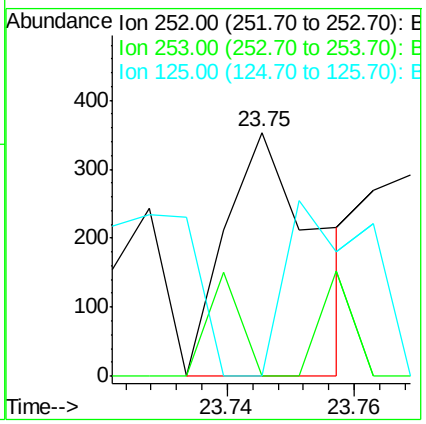


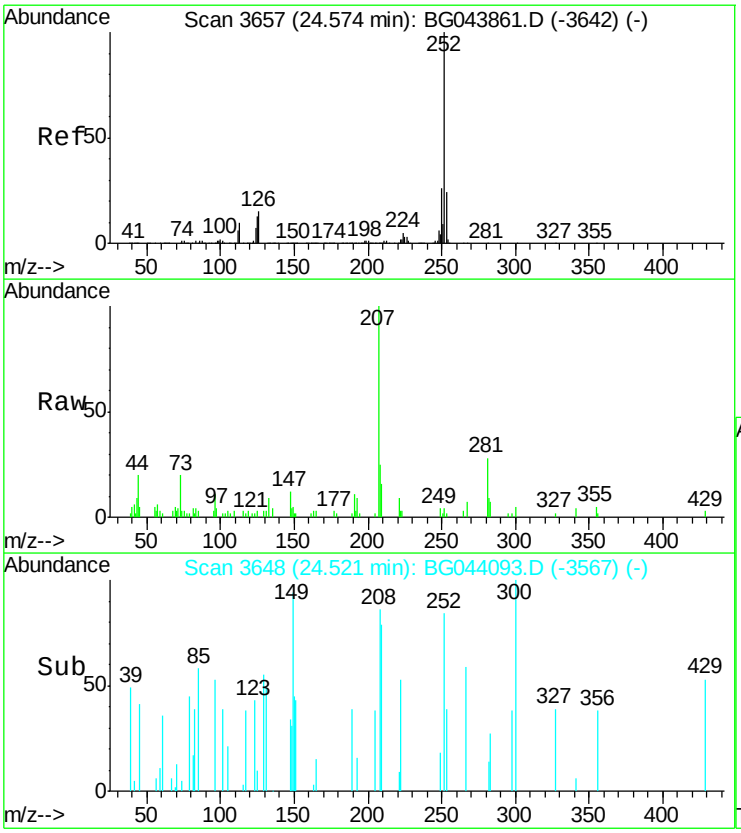
#89
Benzo(k)fluoranthene
Concen: 0.014 ng
RT: 23.75 min Scan# 3516
Delta R.T. -0.05 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Instrument :
BNA_G
ClientSampleId :
SP5028

Tgt Ion:252 Resp: 349

Ion	Ratio	Lower	Upper
252	100		
253	0.0	19.4	29.2#
125	0.0	9.9	14.9#

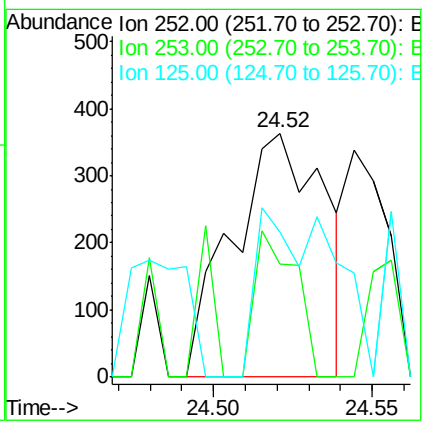


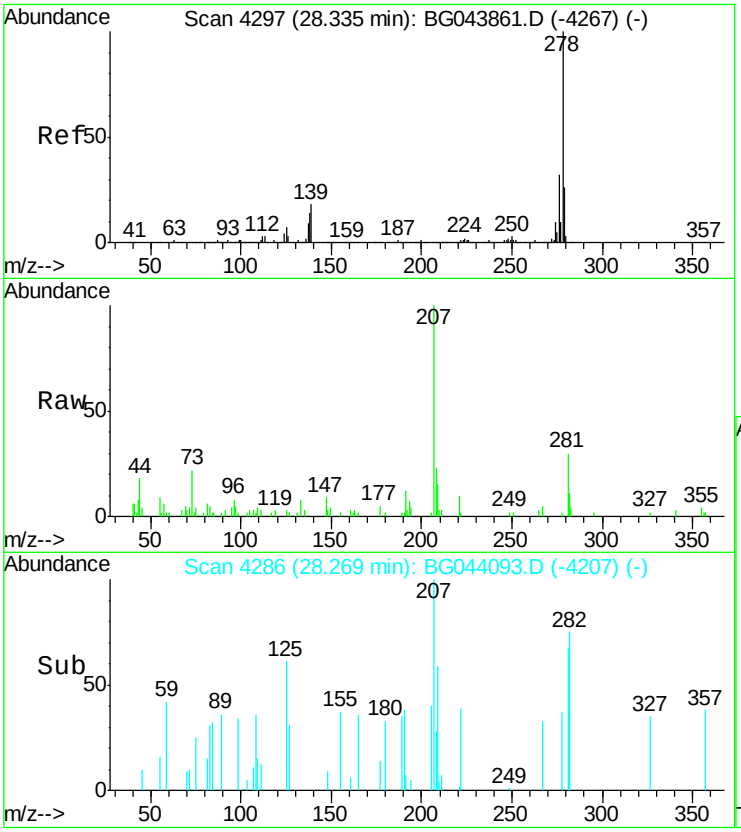


#90
Benzo(a)pyrene
Concen: 0.029 ng
RT: 24.52 min Scan# 3648
Delta R.T. -0.05 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Tgt Ion:252 Resp: 738

Ion	Ratio	Lower	Upper
252	100		
253	46.6	19.3	28.9#
125	59.5	10.4	15.6#



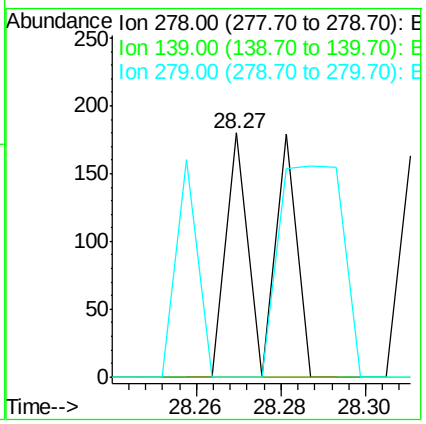


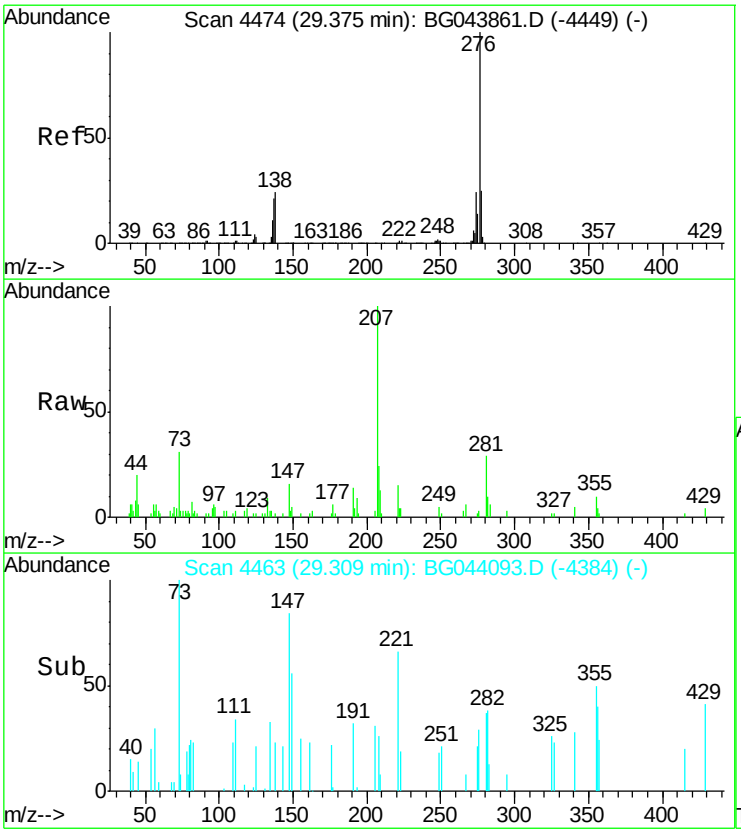
#91
Dibenzo(a,h)anthracene
Concen: 0.005 ng
RT: 28.27 min Scan# 4286
Delta R.T. -0.07 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Instrument :
BNA_G
ClientSampleId :
SP5028

Tgt Ion:278 Resp: 127

Ion	Ratio	Lower	Upper
278	100		
139	0.0	14.2	21.4#
279	0.0	20.6	30.8#





#92
Benzo(g,h,i)perylene
Concen: 0.003 ng
RT: 29.31 min Scan# 4463
Delta R.T. -0.07 min
Lab File: BG044093.D
Acq: 20 Jan 2020 11:46

Tgt Ion:276 Resp: 80

Ion	Ratio	Lower	Upper
276	100		
277	0.0	20.2	30.4#
138	76.8	19.0	28.6#