Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
Data File : BG040095.D
Acq On : 22 Mar 2019 22:55
Operator : JU/SJ
Sample : K2033-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 23 02:11:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	41246	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	195794	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	142905	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	344426	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	332490	20.00	ng	-0.03
87) Perylene-d12	25.16	264	331351	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	13.40	172	57	0.01	ng	-0.02
79) Terphenyl-d14	20.11	244	109	0.01	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	129	0.116	ng	# 44
4) n-Nitrosodimethylamine	3.94	42	70	0.049	ng	# 4
10) Phenol	7.32	94	1424	0.365	ng	# 69
15) Benzyl Alcohol	8.14	79	1149	0.402	ng	# 10
18) Hexachloroethane	8.88	117	54	0.045	ng	# 1
43) 2,4,6-Trichlorophenol	13.40	196	55	0.019	ng	# 10
44) 2,4,5-Trichlorophenol	13.40	196	55	0.017	ng	# 16
50) Dimethylphthalate	14.21	163	13580	1.136	ng	# 93
51) 2,6-Dinitrotoluene	14.77	165	18969	7.488	ng	# 25
52) Acenaphthene	14.77	154	551	0.063	ng	# 5
55) Dibenzofuran	15.07	168	67	0.005	ng	# 45
57) 2,4-Dinitrotoluene	14.77	165	18969	5.329	ng	# 20
60) Diethylphthalate	15.57	149	136	0.011	ng	# 58
63) Azobenzene	16.32	77	56	0.005	ng	# 47
71) Phenanthrene	17.52	178	66	0.003	ng	# 59
72) Anthracene	17.52	178	66	0.004	ng	# 60
74) Di-n-butylphthalate	18.44	149	533	0.027	ng	# 77
80) Butylbenzylphthalate	20.75	149	61	0.007	ng	# 22
81) Benzo(a)anthracene	21.80	228	944	0.045	ng	# 42
82) 3,3'-Dichlorobenzidine	21.65	252	59	0.008	ng	# 26
83) Chrysene	21.80	228	944	0.047	ng	# 39
84) Bis(2-ethylhexyl)phthalate	21.65	149	663	0.056	ng	# 52
85) Di-n-octyl phthalate	22.87	149	55	0.003	ng	# 71
90) Benzo(a)pyrene	25.17	252	1484	0.081	ng	# 75

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

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ALS Vial : 17 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
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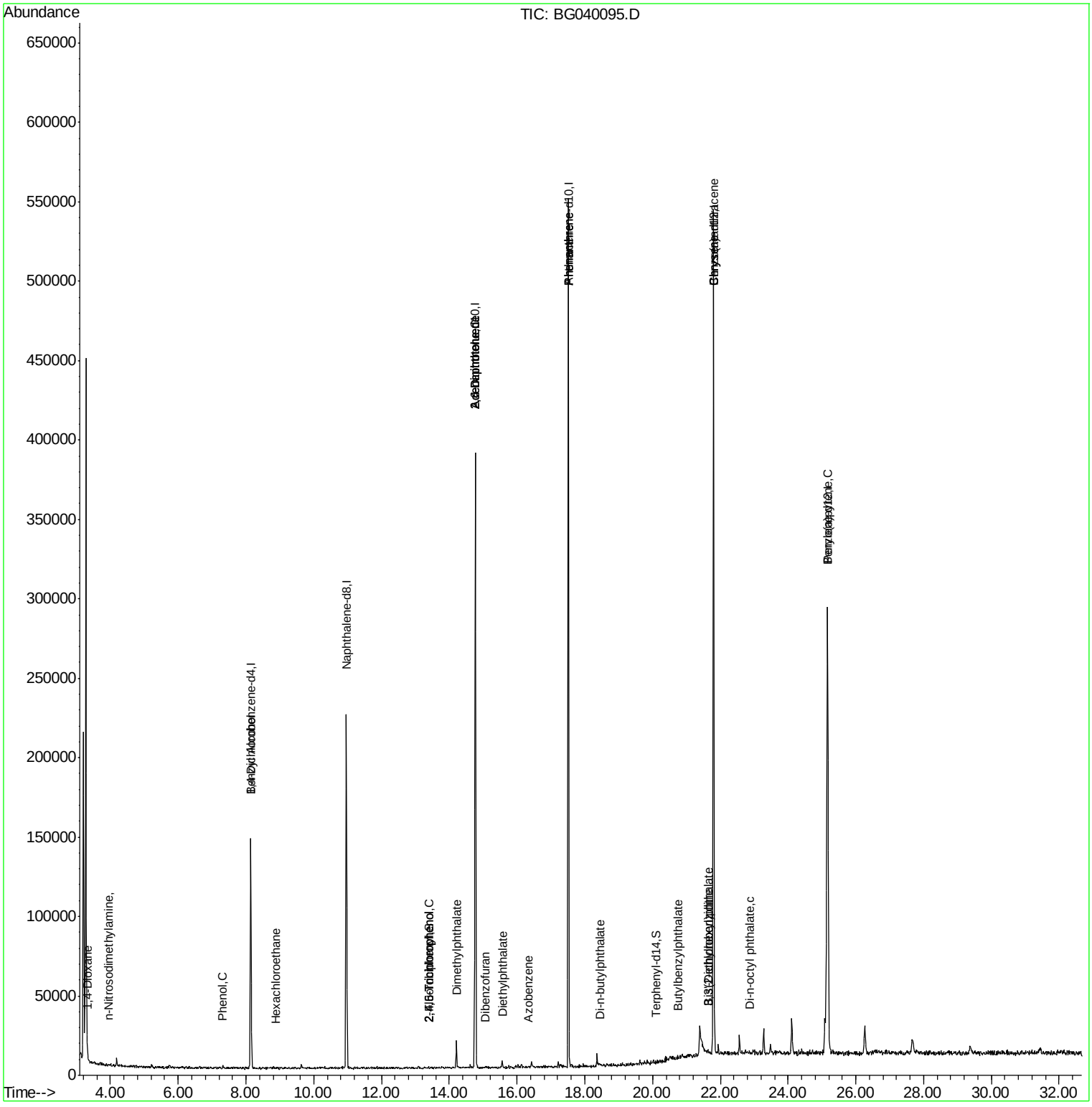
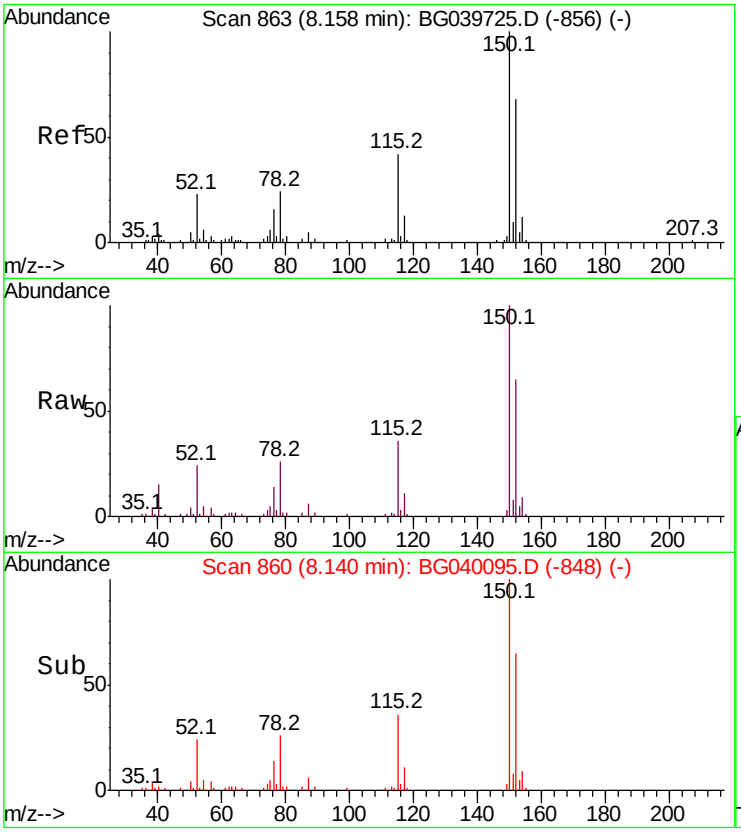


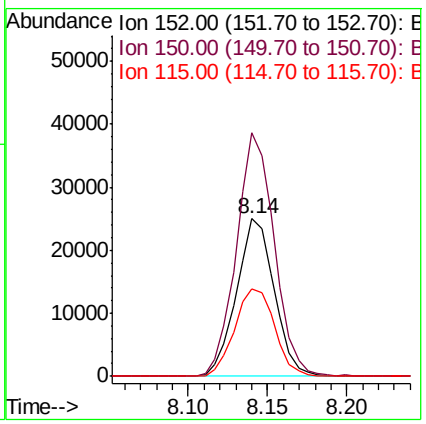


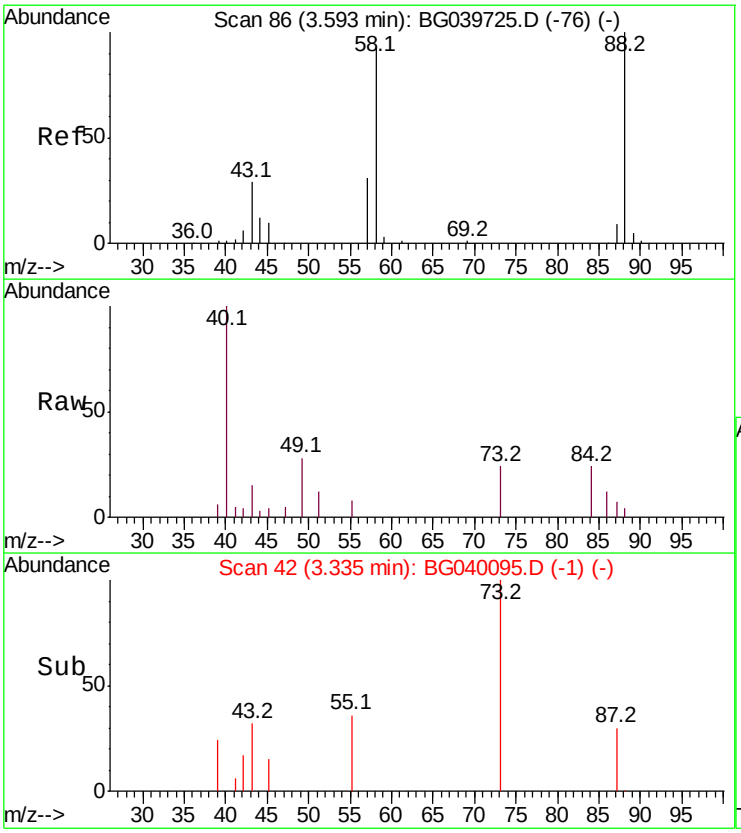
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 41246

Ion	Ratio	Lower	Upper
152	100		
150	154.3	123.7	185.5
115	55.5	45.9	68.9

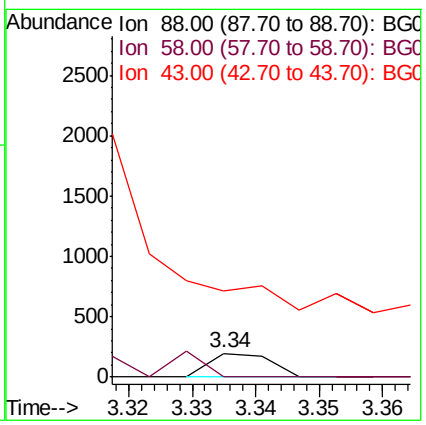


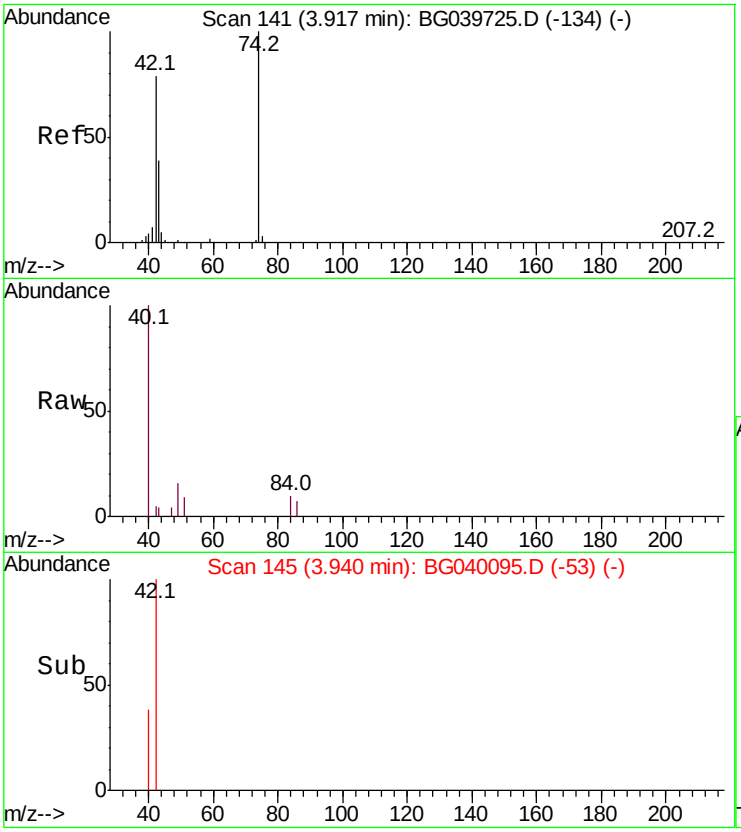


#2
1,4-Dioxane
Concen: 0.116 ng
RT: 3.34 min Scan# 42
Delta R.T. -0.27 min
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Tgt Ion: 88 Resp: 129

Ion	Ratio	Lower	Upper
88	100		
58	48.1	81.1	121.7#
43	0.0	31.4	47.0#



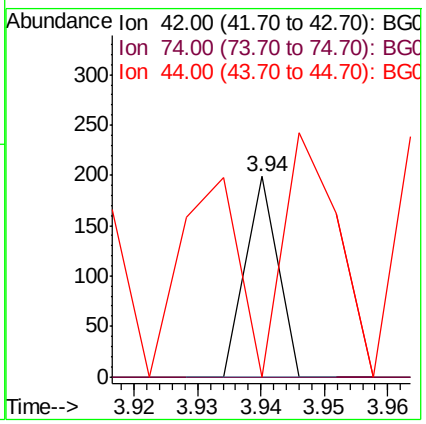


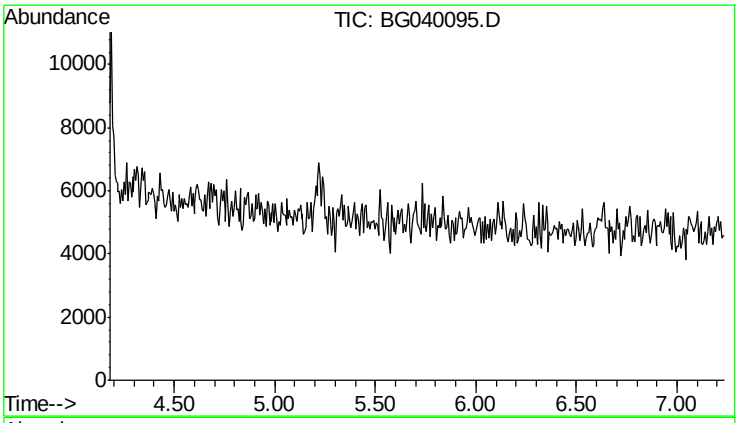
#4
n-Nitrosodimethylamine
Concen: 0.049 ng
RT: 3.94 min Scan# 145
Delta R.T. 0.01 min
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 42 Resp: 70

Ion	Ratio	Lower	Upper
42	100		
74	0.0	83.6	125.4#
44	0.0	6.9	10.3#



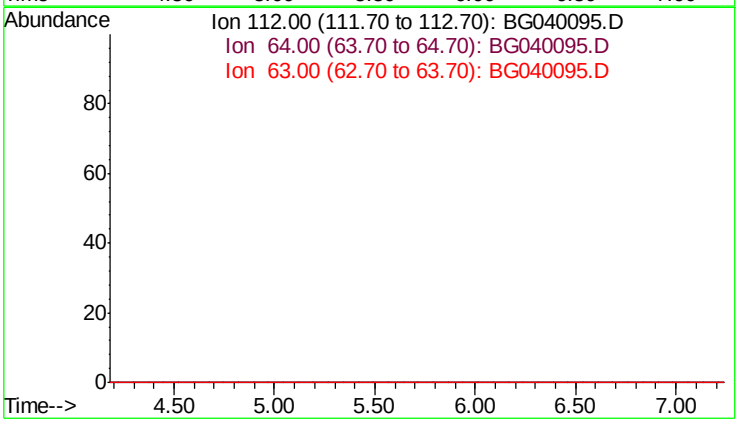


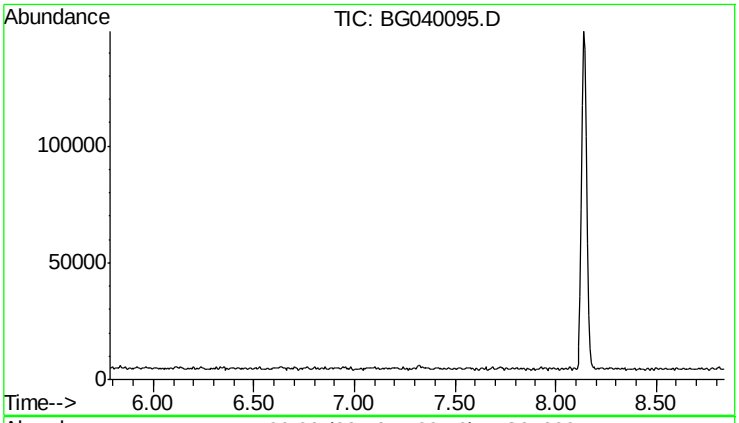
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.71 min

Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	72.3
63	37.2





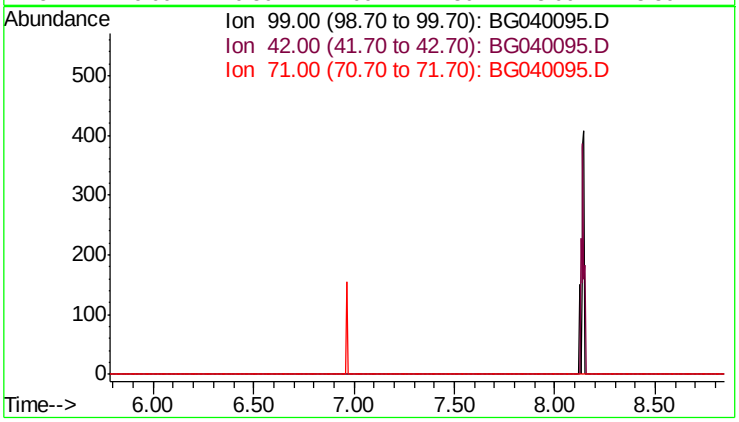
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 7.31 min

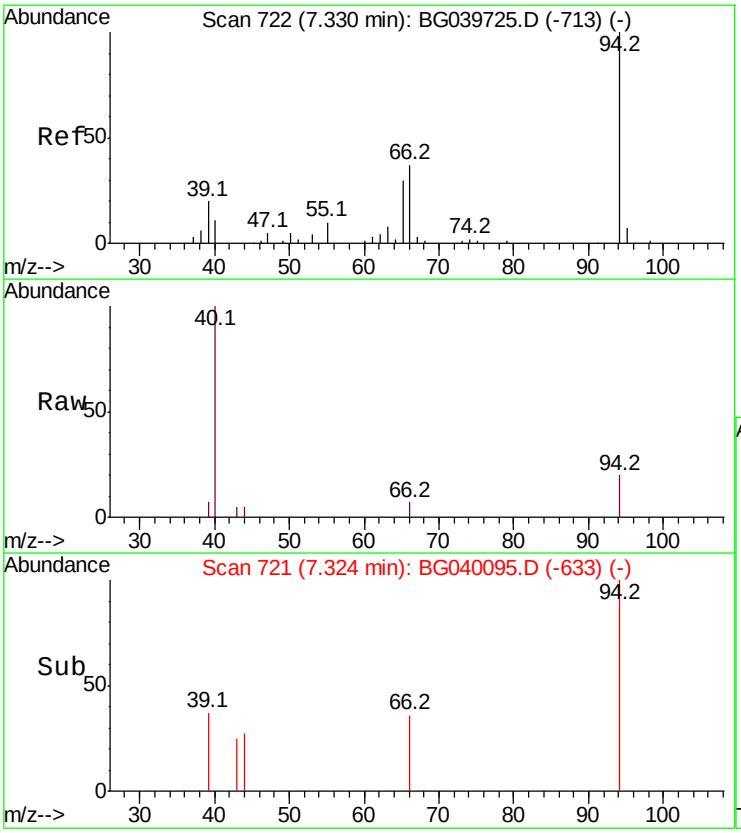
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	22.7
71	35.0

Instrument :
BNA_G
ClientSampleId :

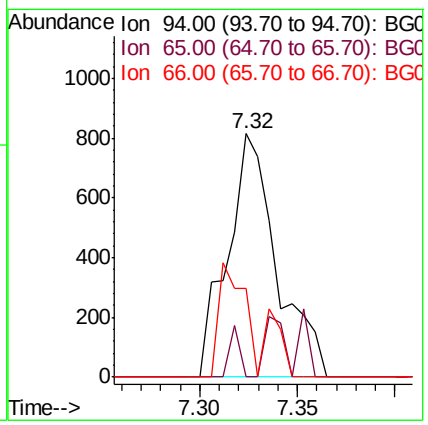


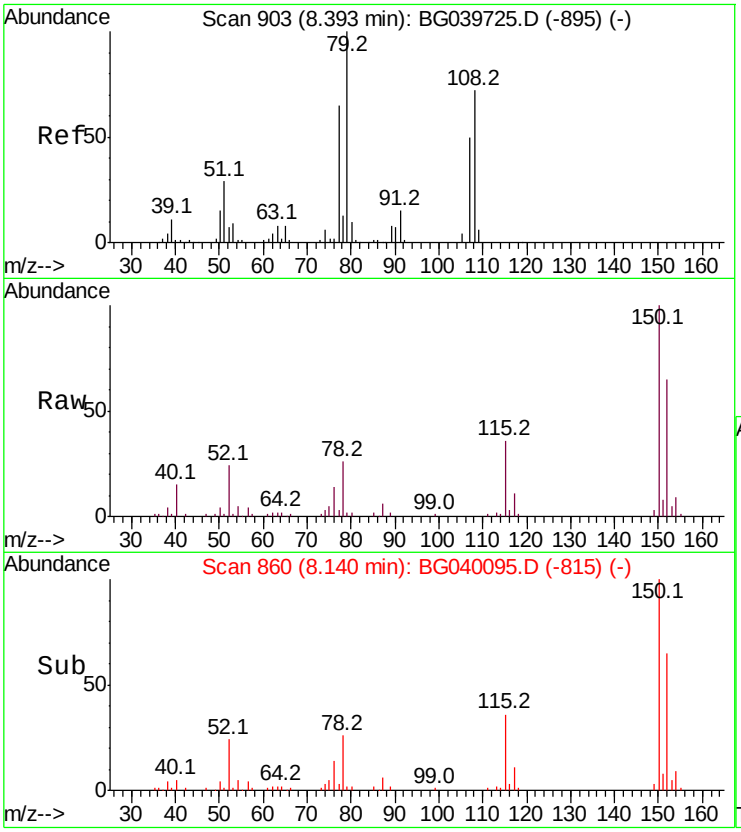


#10
Phenol
Concen: 0.365 ng
RT: 7.32 min Scan# 721
Delta R.T. -0.01 min
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Tgt Ion: 94 Resp: 1424

Ion	Ratio	Lower	Upper
94	100		
65	0.0	11.7	51.7#
66	36.4	23.7	63.7



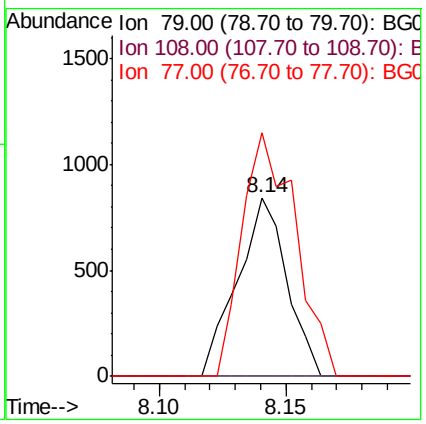


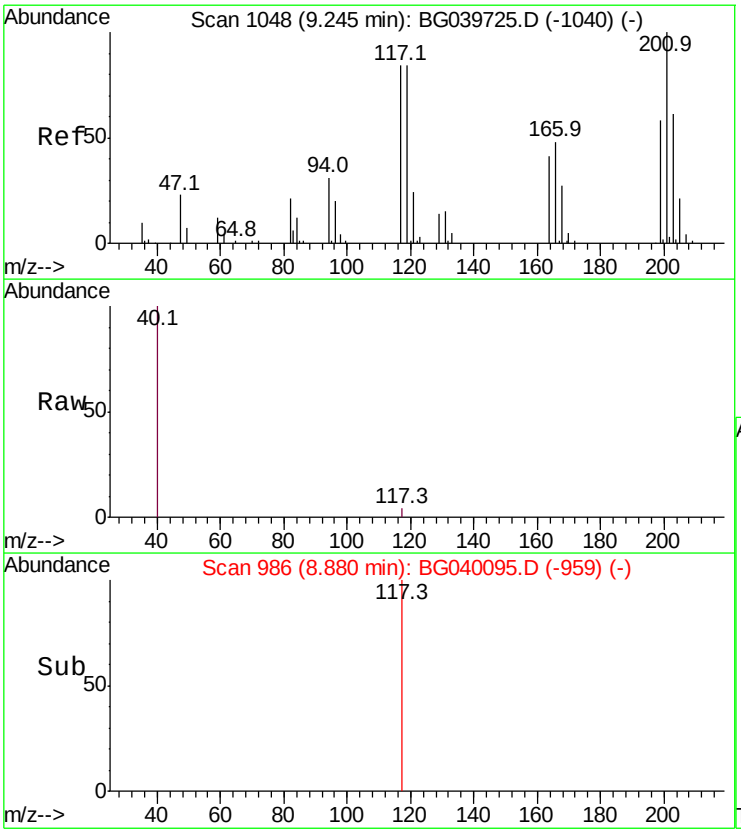
#15
Benzyl Alcohol
Concen: 0.402 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.26 min
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 1149

Ion	Ratio	Lower	Upper
79	100		
108	0.0	57.8	86.6#
77	136.6	51.1	76.7#

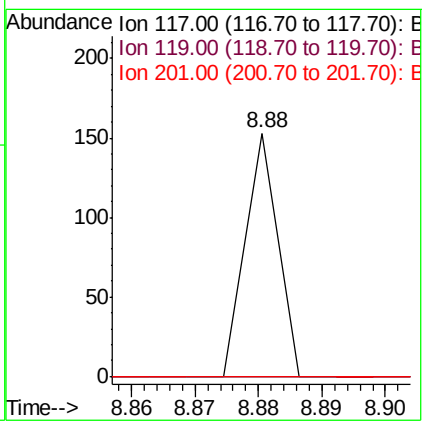


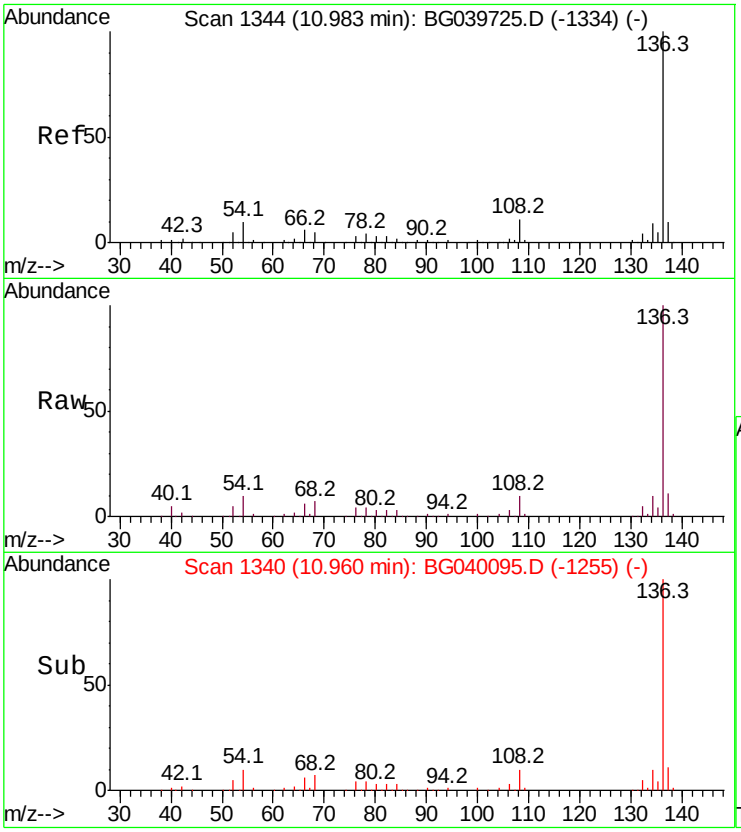


#18
Hexachloroethane
Concen: 0.045 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.37 min
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Tgt Ion:117 Resp: 54

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.3	114.5#
201	0.0	91.1	136.7#



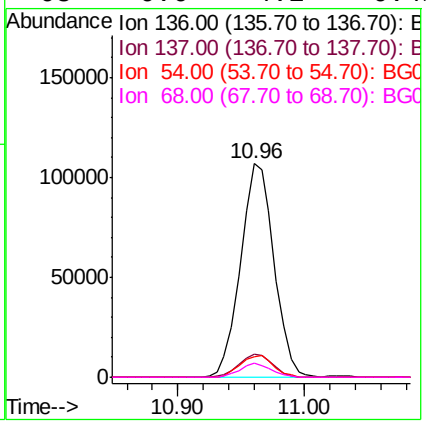


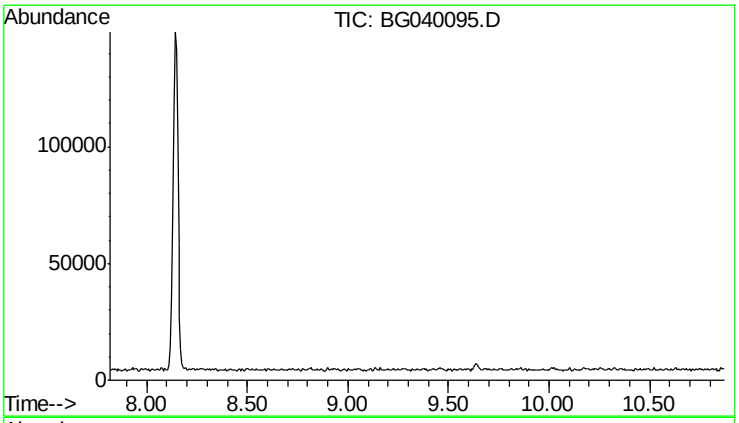
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 195794

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.8	9.4	14.2
68	6.6	4.2	6.4#



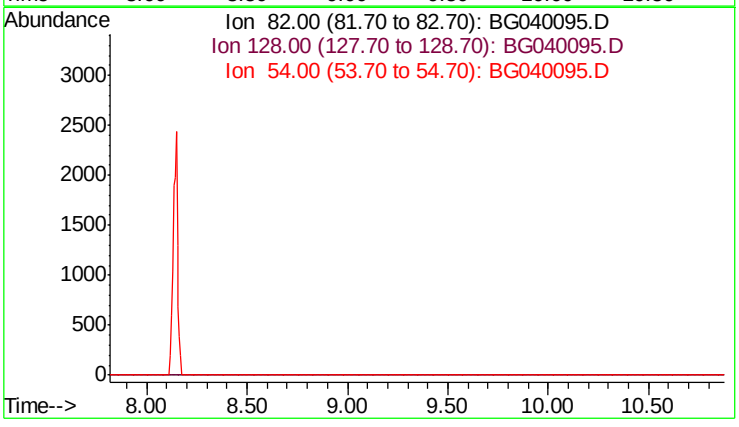


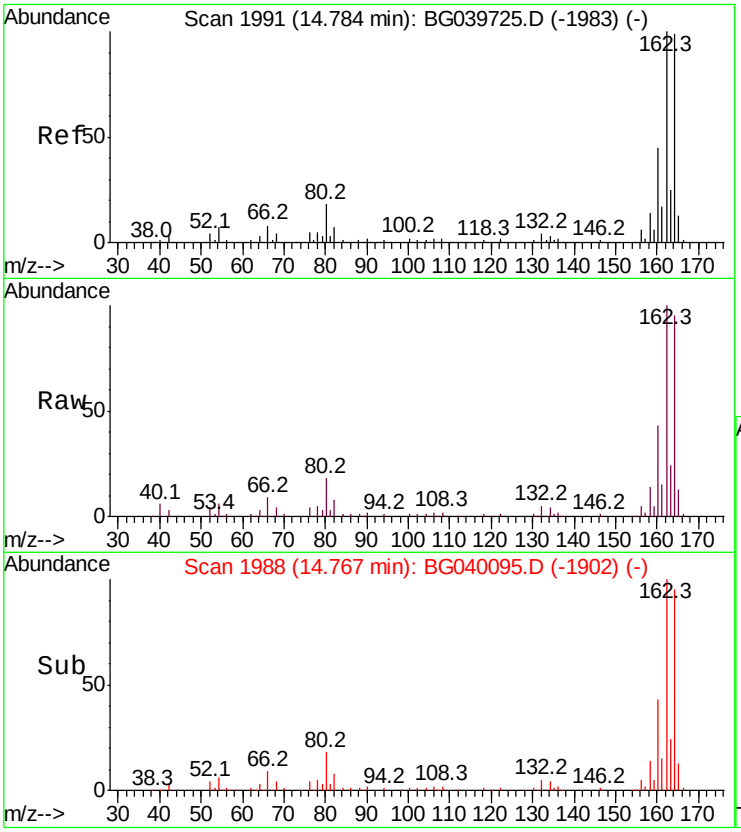
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 9.35 min

Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	39.1
54	63.6



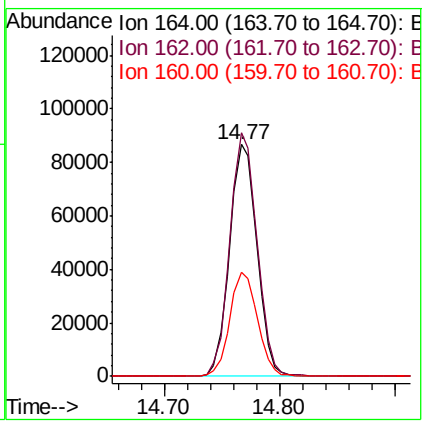


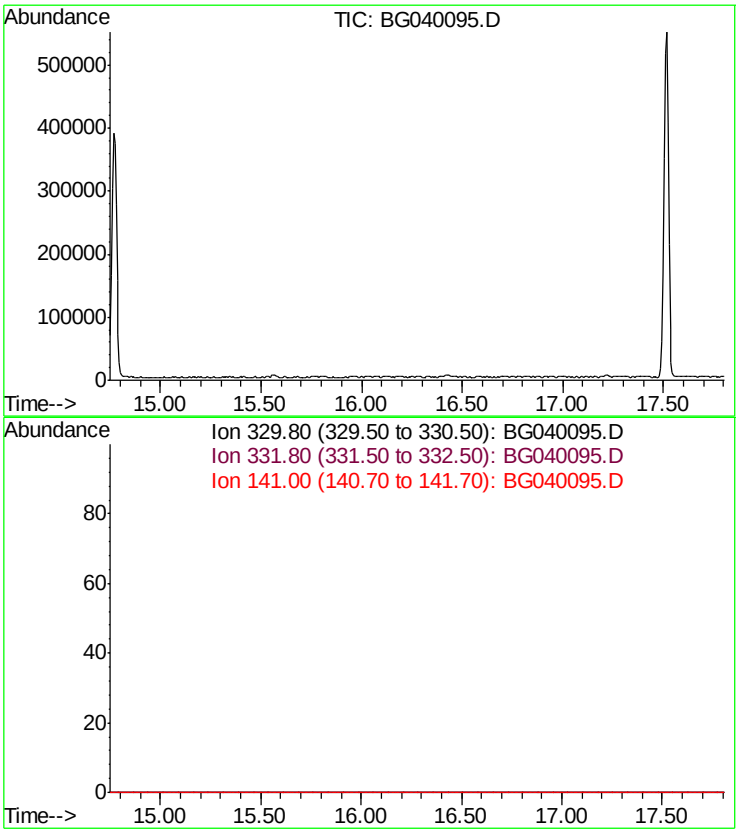
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 142905

Ion	Ratio	Lower	Upper
164	100		
162	104.9	81.6	122.4
160	44.8	34.2	51.2



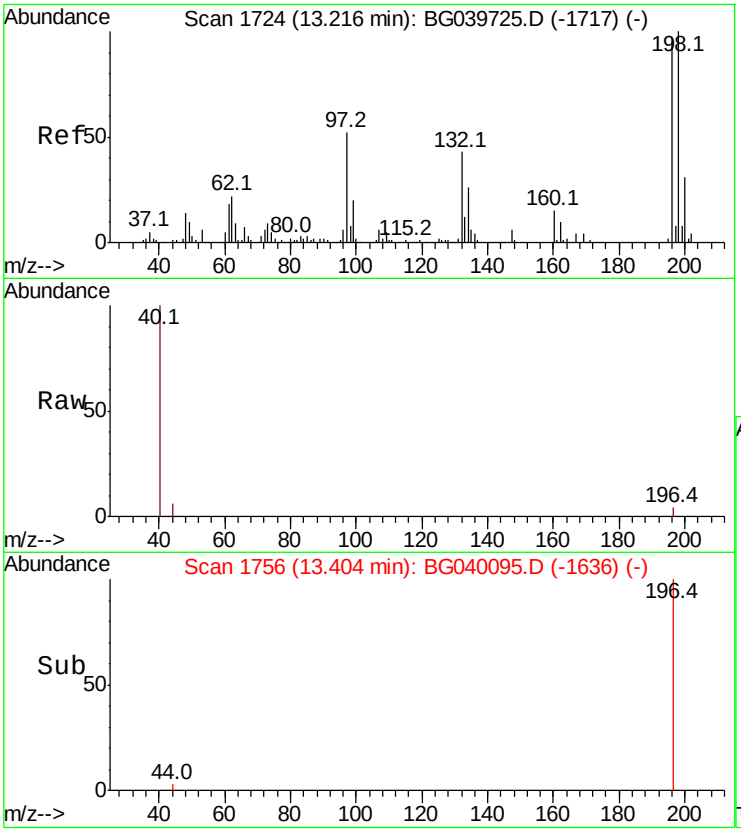


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 16.28 min

Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	94.6
141	44.5

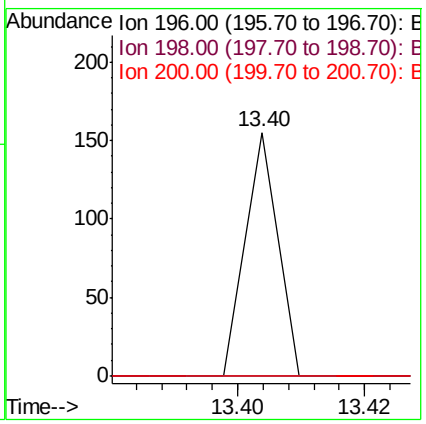


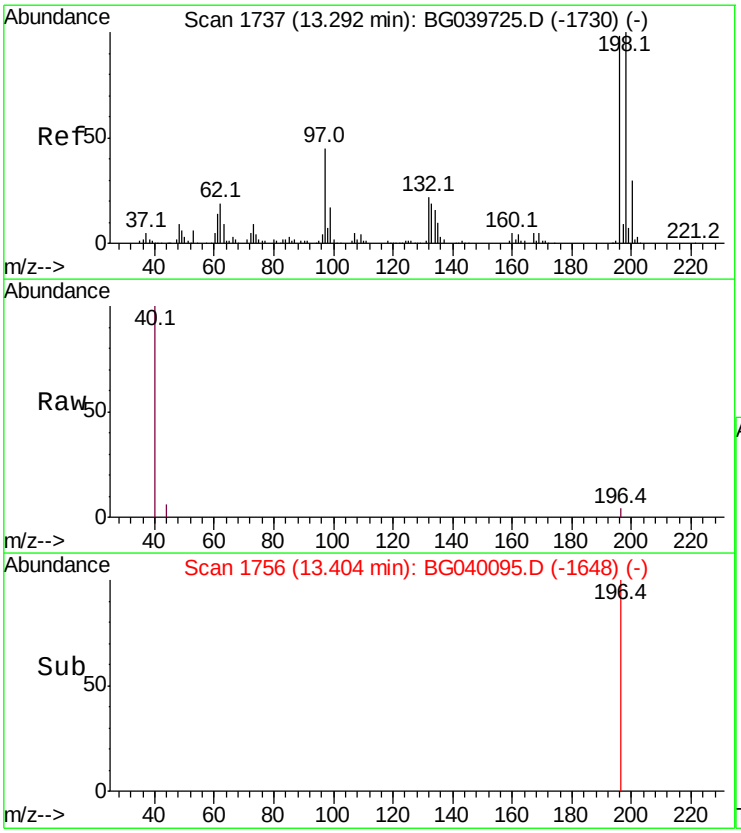
#43
2,4,6-Trichlorophenol
Concen: 0.019 ng
RT: 13.40 min Scan# 1756
Delta R.T. 0.18 min
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:196 Resp: 55

Ion	Ratio	Lower	Upper
196	100		
198	0.0	80.6	121.0#
200	0.0	26.1	39.1#

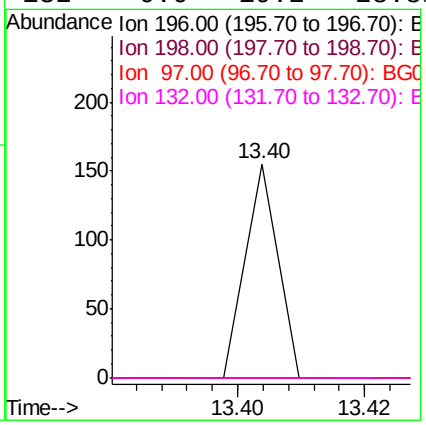


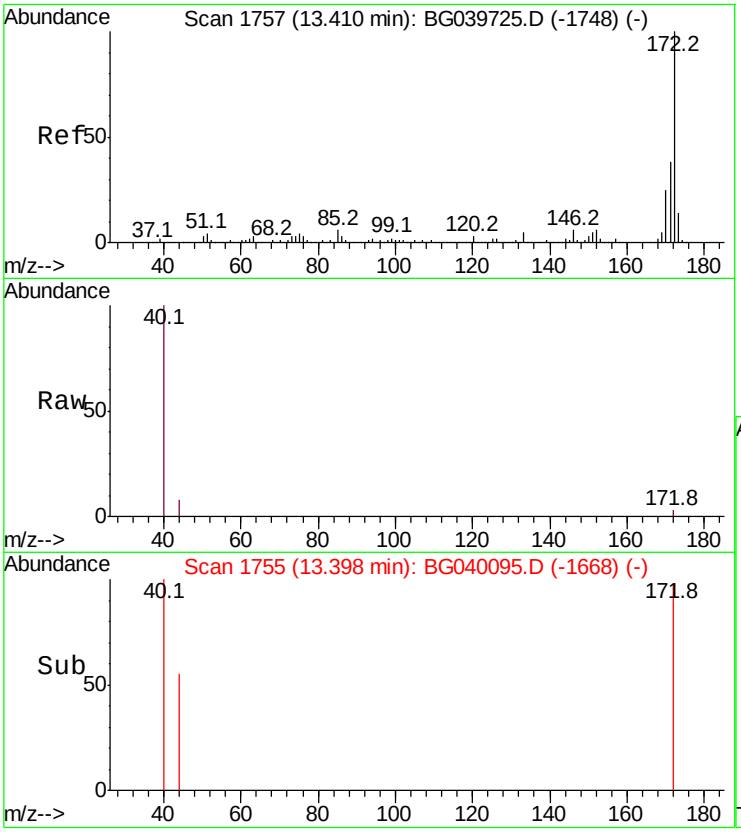


#44
2,4,5-Trichlorophenol
Concen: 0.017 ng
RT: 13.40 min Scan# 1756
Delta R.T. 0.11 min
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Tgt Ion:196 Resp: 55

Ion	Ratio	Lower	Upper
196	100		
198	0.0	78.5	117.7#
97	0.0	38.4	57.6#
132	0.0	19.2	28.8#



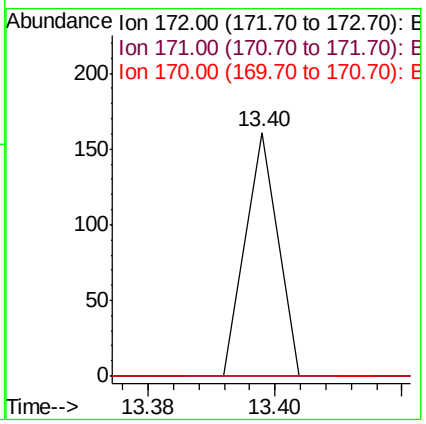


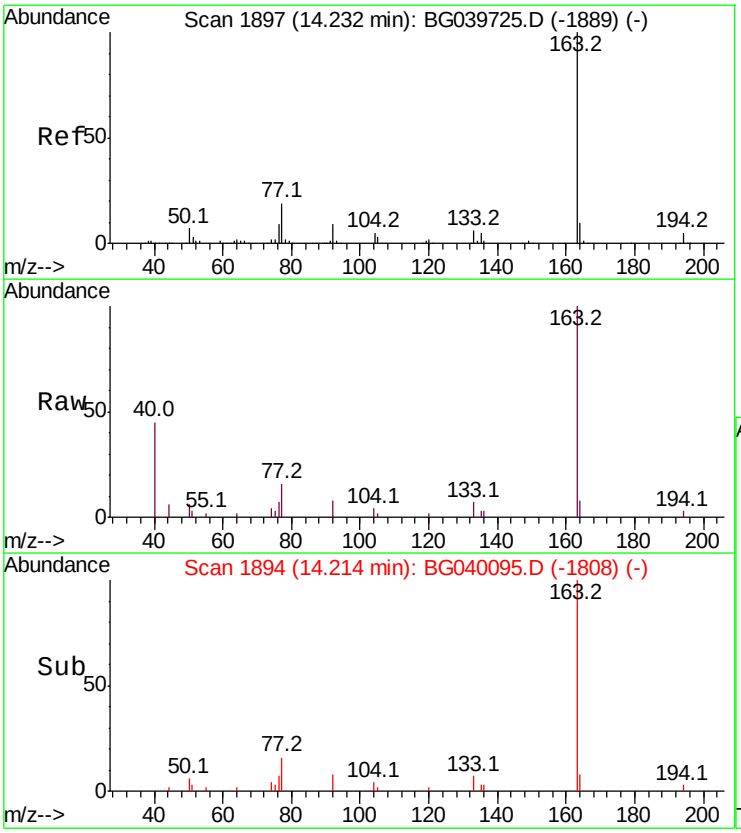
#45
2-Fluorobiphenyl
Concen: 0.006 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 57

Ion	Ratio	Lower	Upper
172	100		
171	0.0	30.8	46.2#
170	0.0	20.2	30.4#

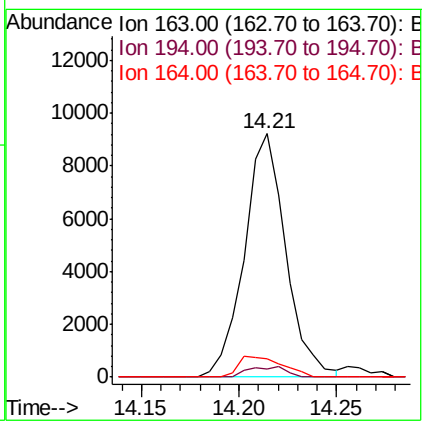


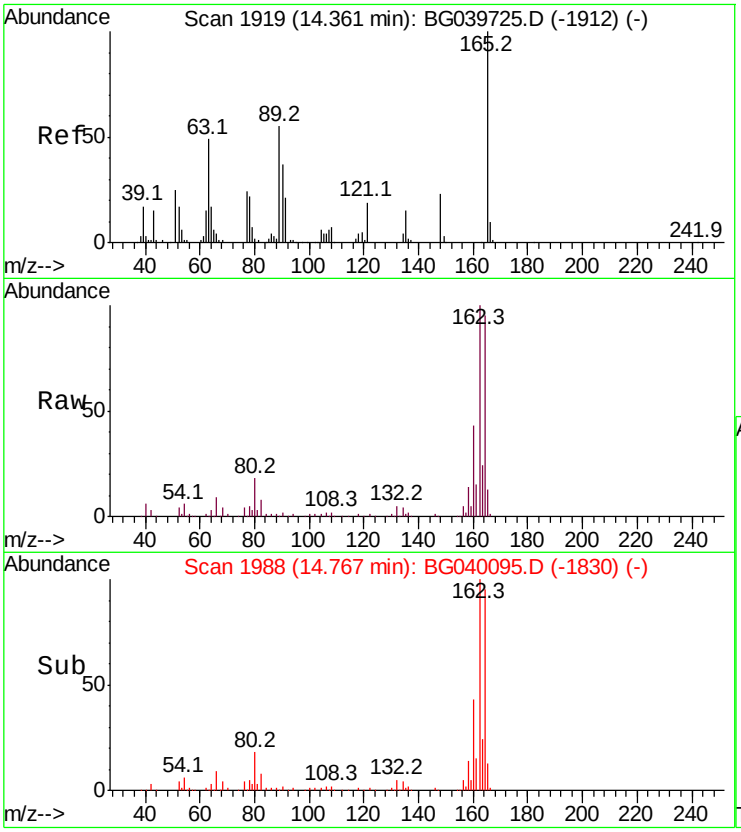


#50
Dimethylphthalate
Concen: 1.136 ng
RT: 14.21 min Scan# 1894
Delta R.T. -0.02 min
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Tgt Ion:163 Resp: 13580

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.6	5.4#
164	7.6	8.4	12.6#



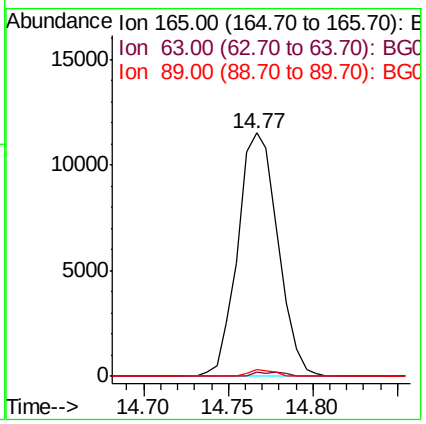


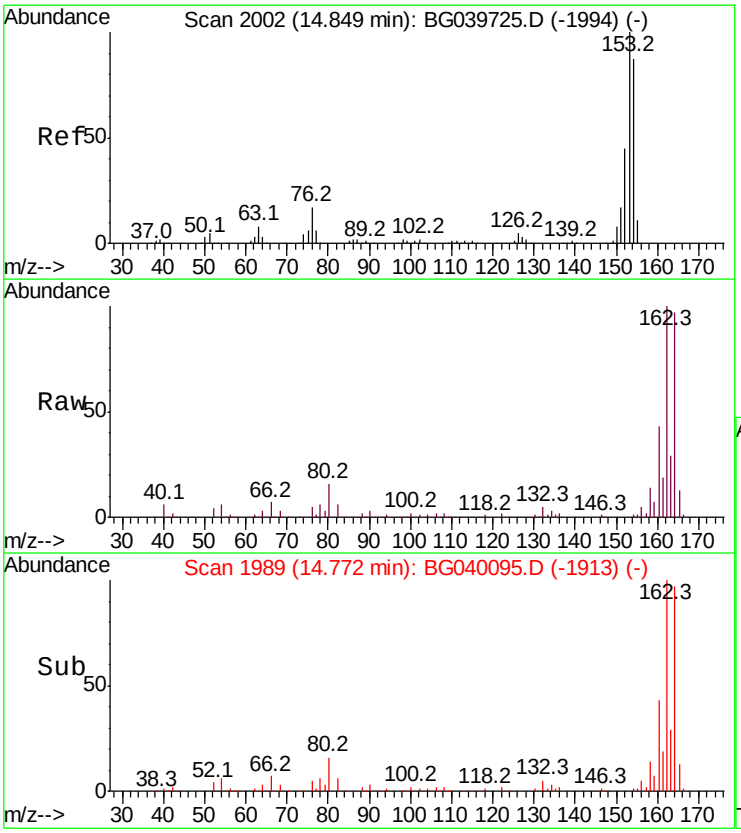
#51
2,6-Dinitrotoluene
Concen: 7.488 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.40 min
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 18969

Ion	Ratio	Lower	Upper
165	100		
63	1.7	47.0	70.6#
89	3.0	45.8	68.8#

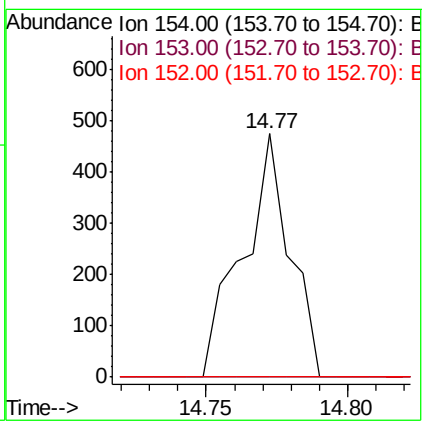


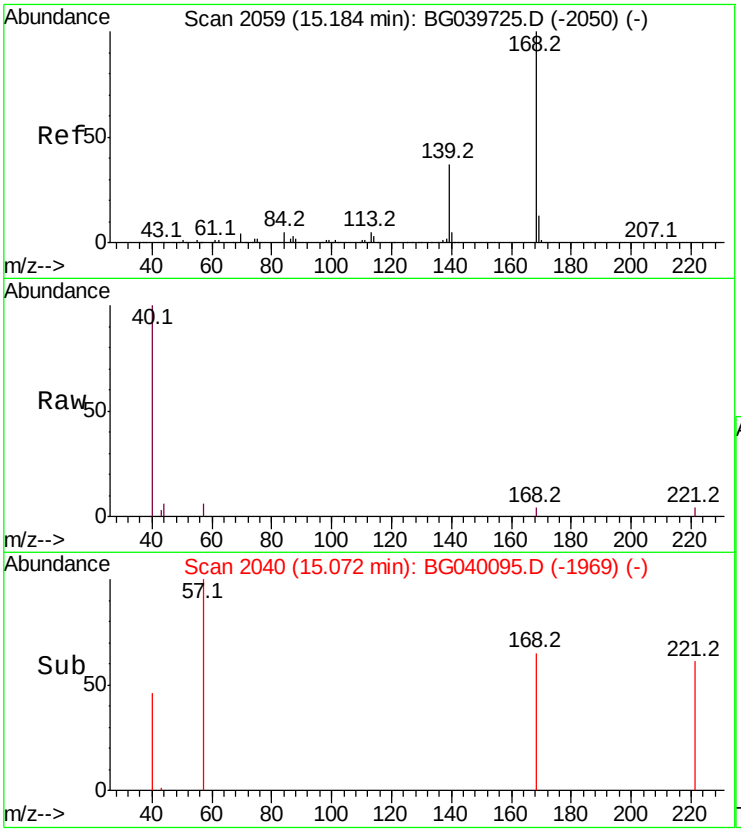


#52
Acenaphthene
Concen: 0.063 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.08 min
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Tgt Ion:154 Resp: 551

Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.1	135.1#
152	0.0	40.9	61.3#



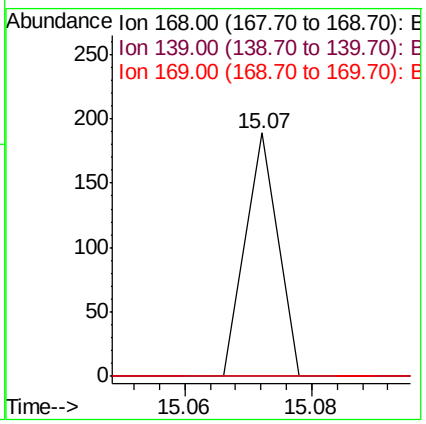


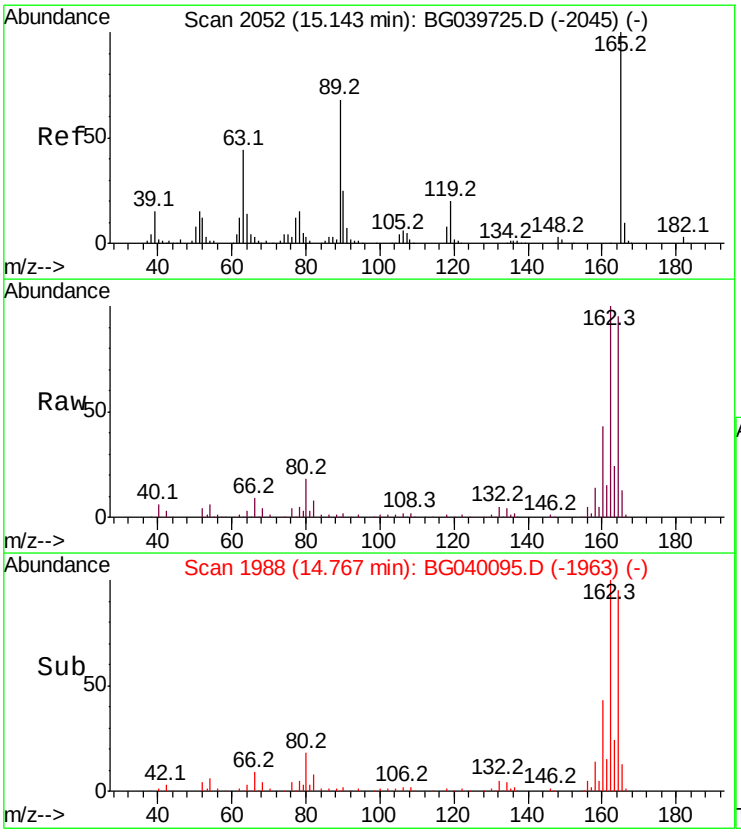
#55
Dibenzofuran
Concen: 0.005 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.11 min
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 67

Ion	Ratio	Lower	Upper
168	100		
139	0.0	30.1	45.1#
169	0.0	10.6	16.0#

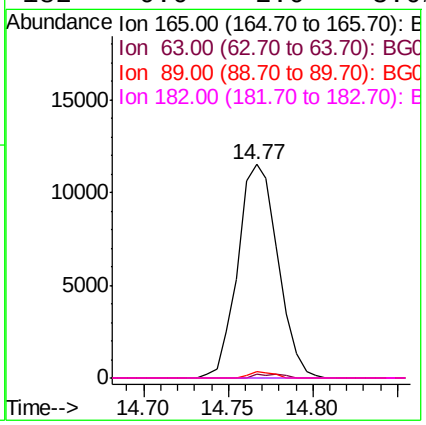


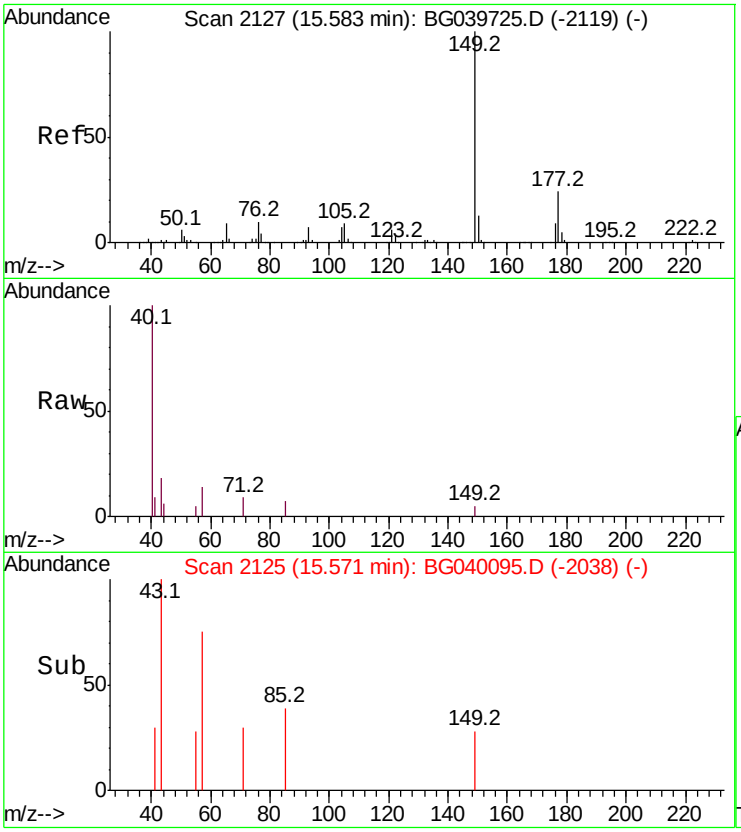


#57
2,4-Dinitrotoluene
Concen: 5.329 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.38 min
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Tgt Ion:165 Resp: 18969

Ion	Ratio	Lower	Upper
165	100		
63	1.7	41.0	61.6#
89	3.0	64.6	96.8#
182	0.0	2.0	3.0#



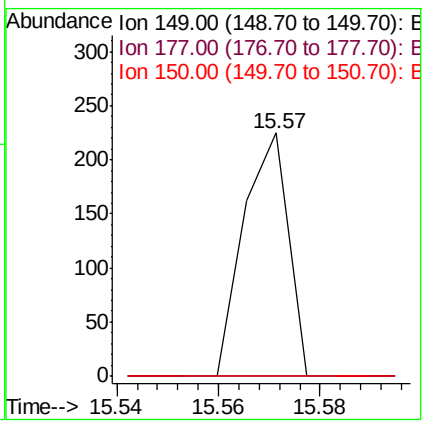


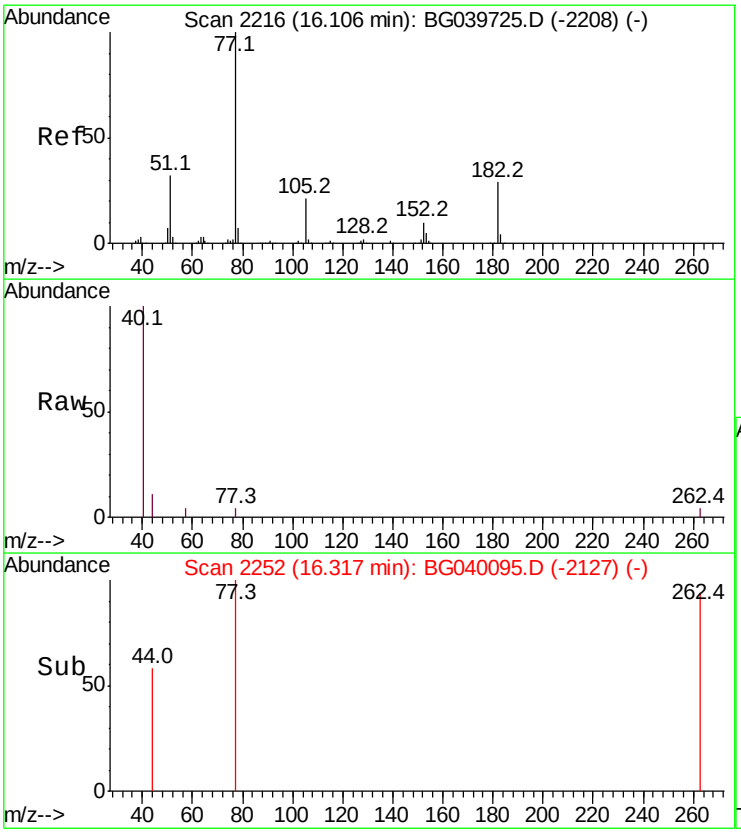
#60
Diethylphthalate
Concen: 0.011 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 136

Ion	Ratio	Lower	Upper
149	100		
177	0.0	18.3	27.5#
150	0.0	10.2	15.2#

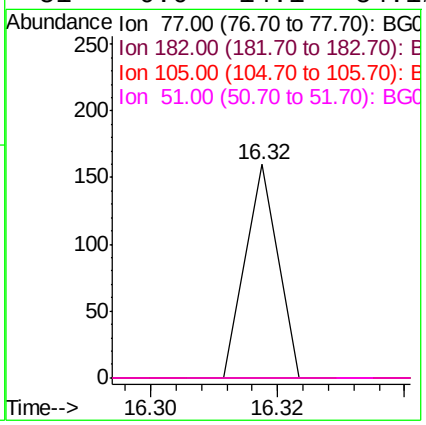


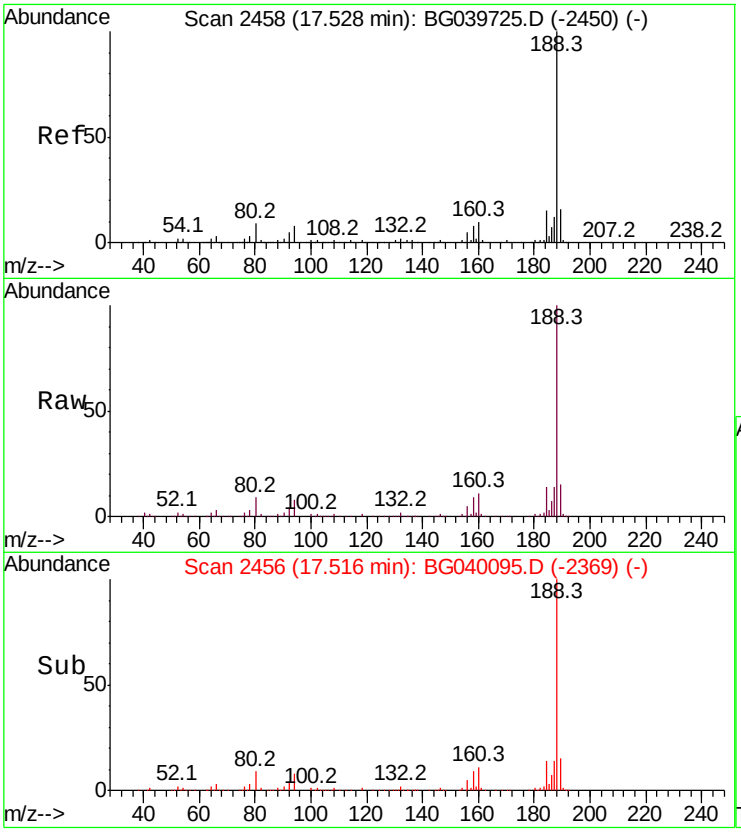


#63
Azobenzene
Concen: 0.005 ng
RT: 16.32 min Scan# 2252
Delta R.T. 0.21 min
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Tgt Ion: 77 Resp: 56

Ion	Ratio	Lower	Upper
77	100		
182	0.0	6.4	46.4#
105	0.0	0.0	39.8
51	0.0	14.1	54.1#



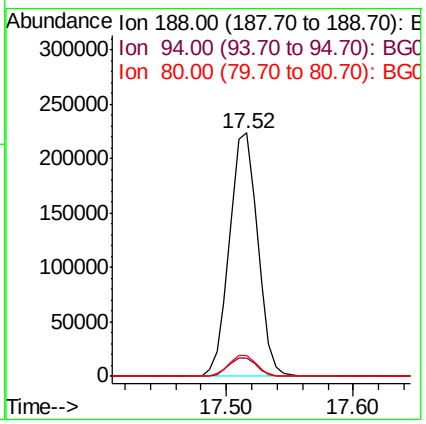


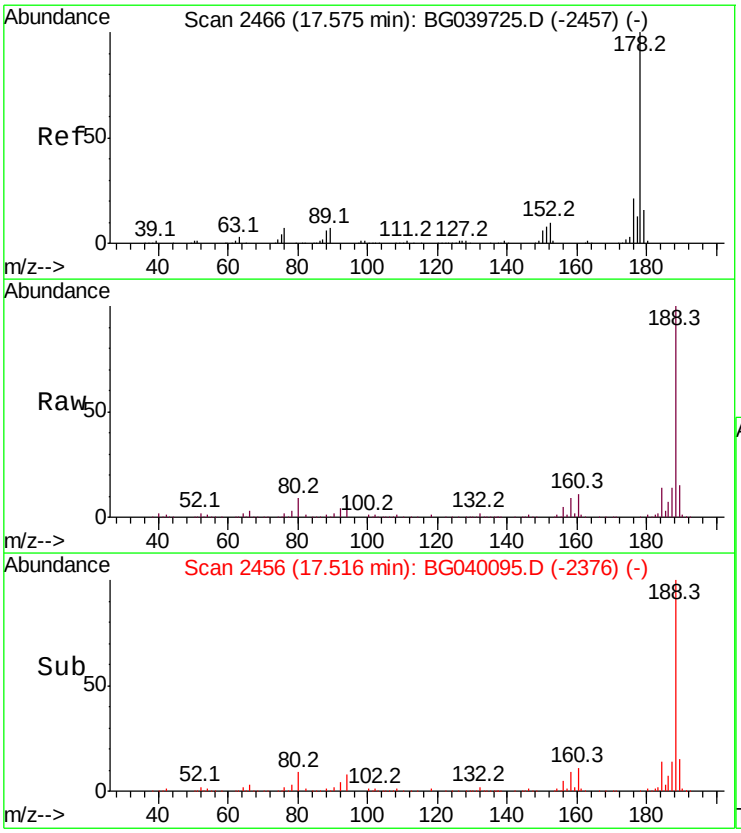
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 344426

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.9	10.3
80	8.6	8.1	12.1

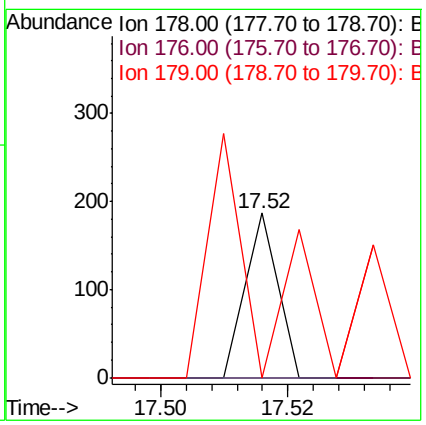


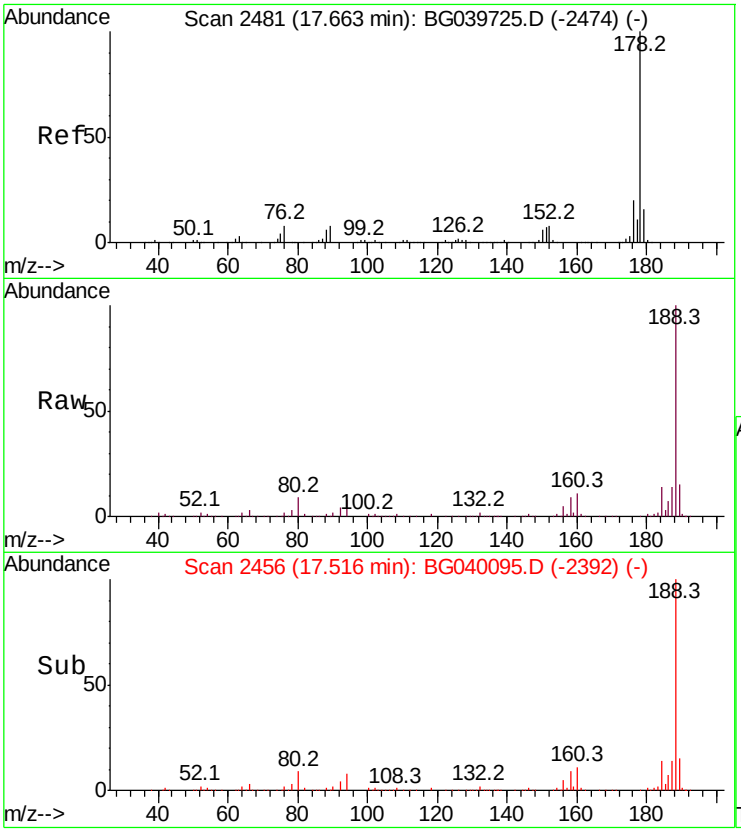


#71
Phenanthrene
Concen: 0.003 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.06 min
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Tgt Ion:178 Resp: 66

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.2	24.4#
179	0.0	12.6	19.0#



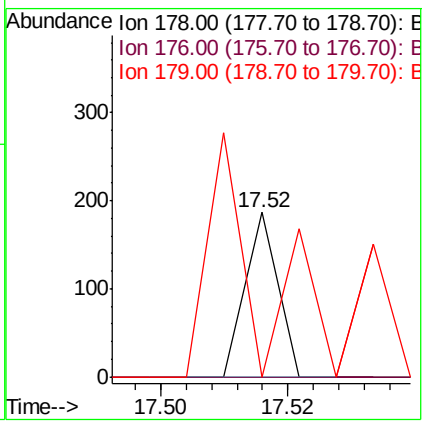


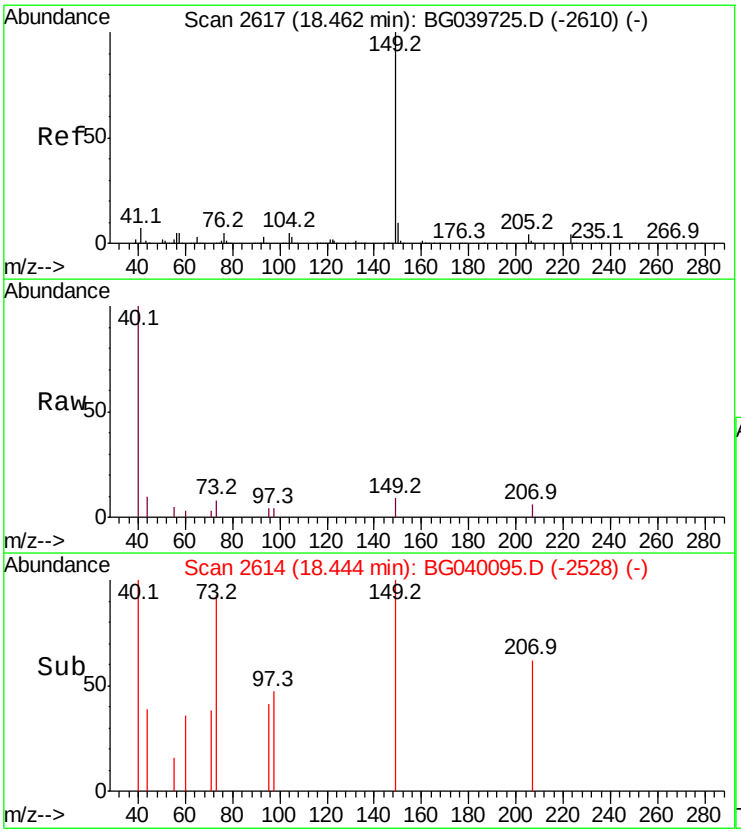
#72
Anthracene
Concen: 0.004 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.15 min
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 66

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.8	23.6#
179	0.0	12.5	18.7#

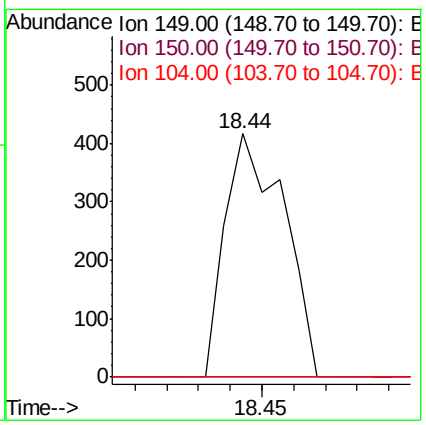


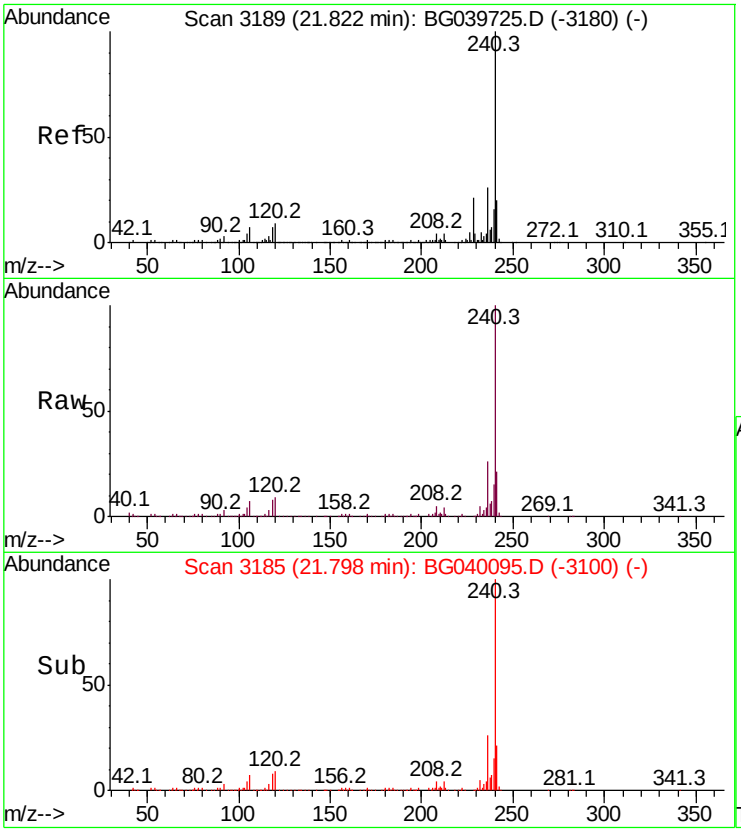


#74
Di-n-butylphthalate
Concen: 0.027 ng
RT: 18.44 min Scan# 2614
Delta R.T. -0.02 min
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Tgt Ion:149 Resp: 533

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.7	11.5#
104	0.0	4.5	6.7#



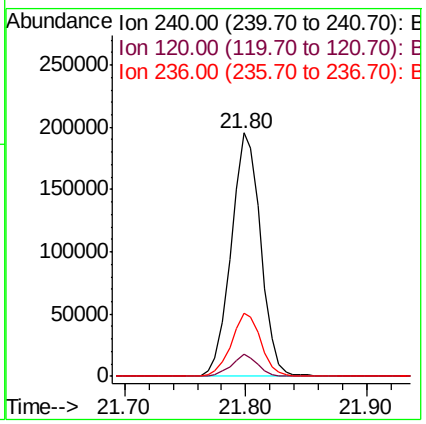


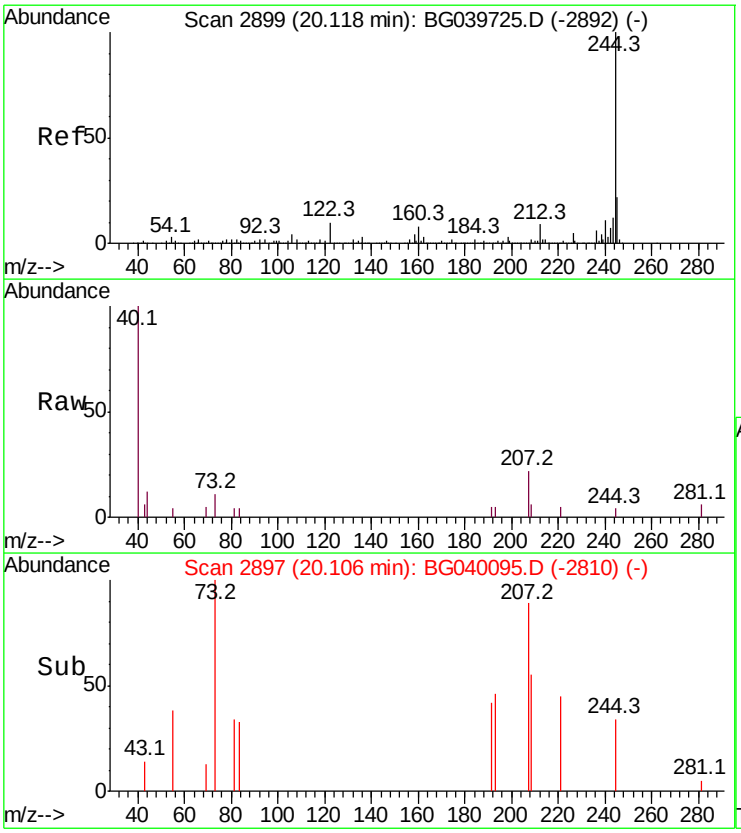
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 332490

Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.0	10.6
236	25.8	21.0	31.4

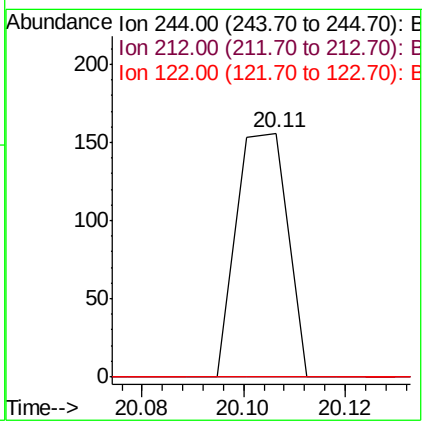


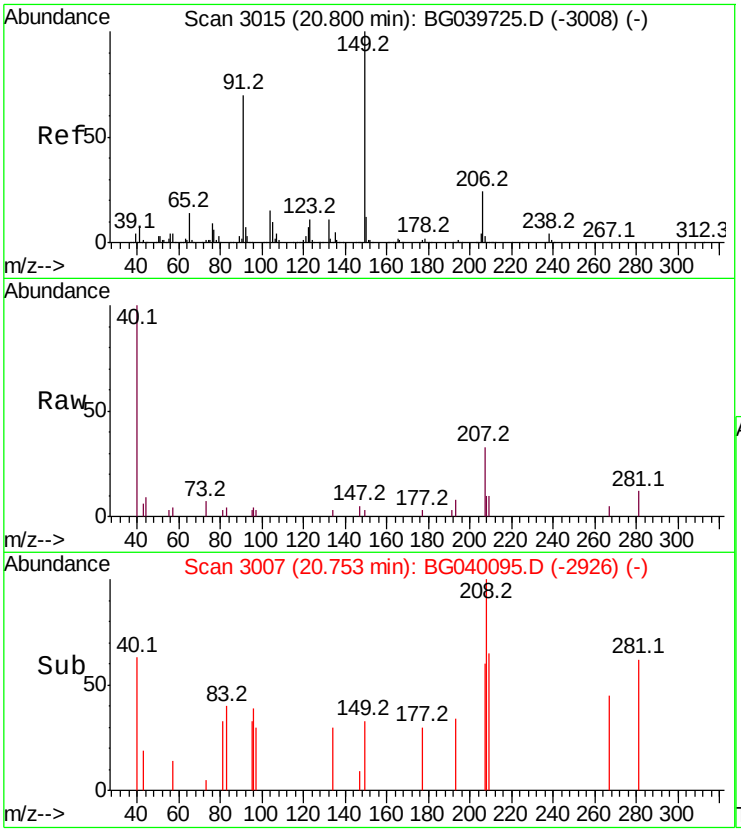


#79
Terphenyl-d14
Concen: 0.007 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Tgt Ion:244 Resp: 109

Ion	Ratio	Lower	Upper
244	100		
212	0.0	7.3	10.9#
122	0.0	8.4	12.6#



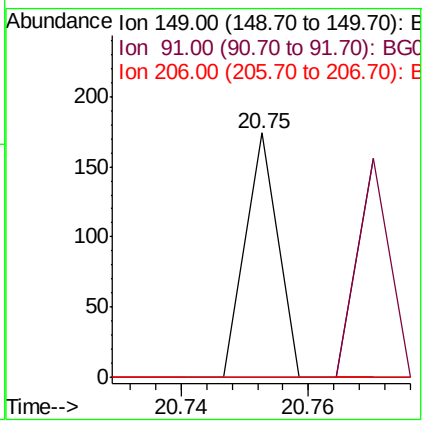


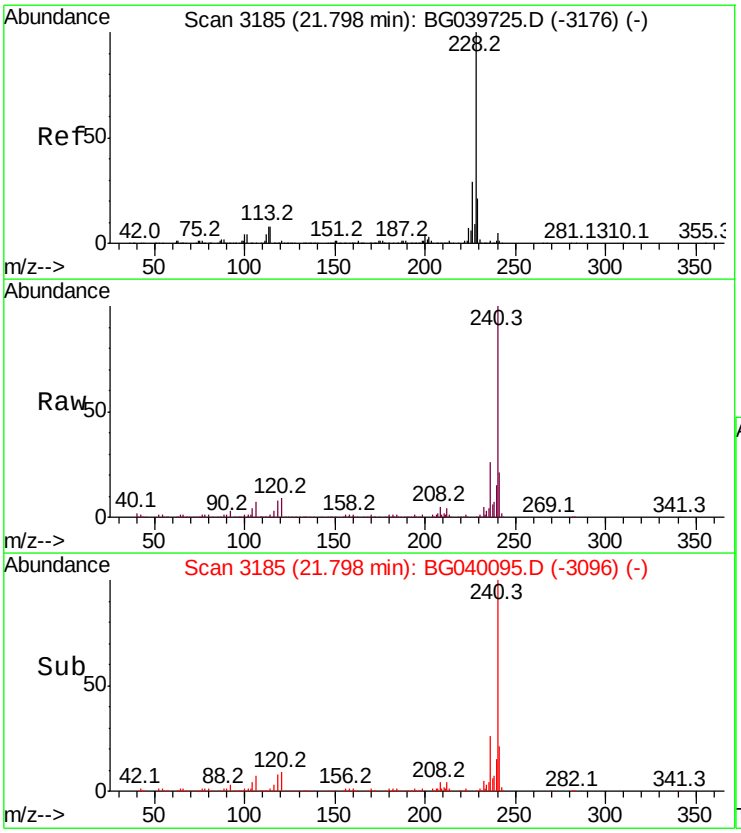
#80
Butylbenzylphthalate
Concen: 0.007 ng
RT: 20.75 min Scan# 3007
Delta R.T. -0.05 min
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 61

Ion	Ratio	Lower	Upper
149	100		
91	0.0	59.5	89.3#
206	0.0	18.6	27.8#

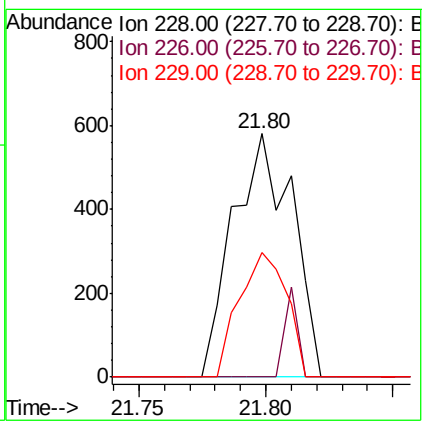


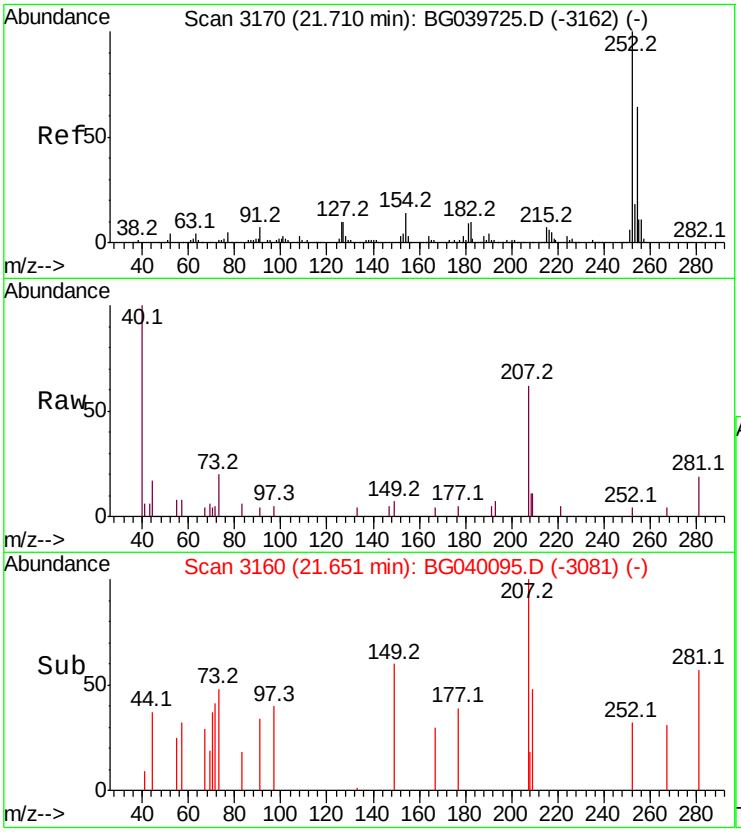


#81
Benzo(a)anthracene
Concen: 0.045 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.01 min
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Tgt Ion:228 Resp: 944

Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.0	34.6#
229	51.3	16.9	25.3#



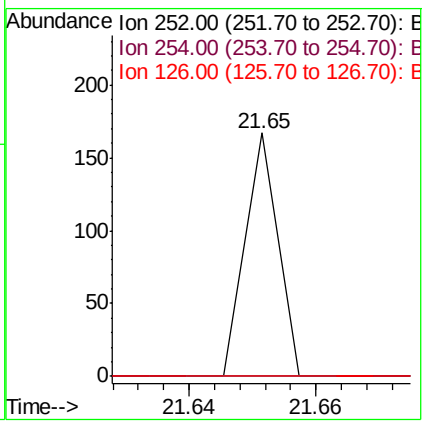


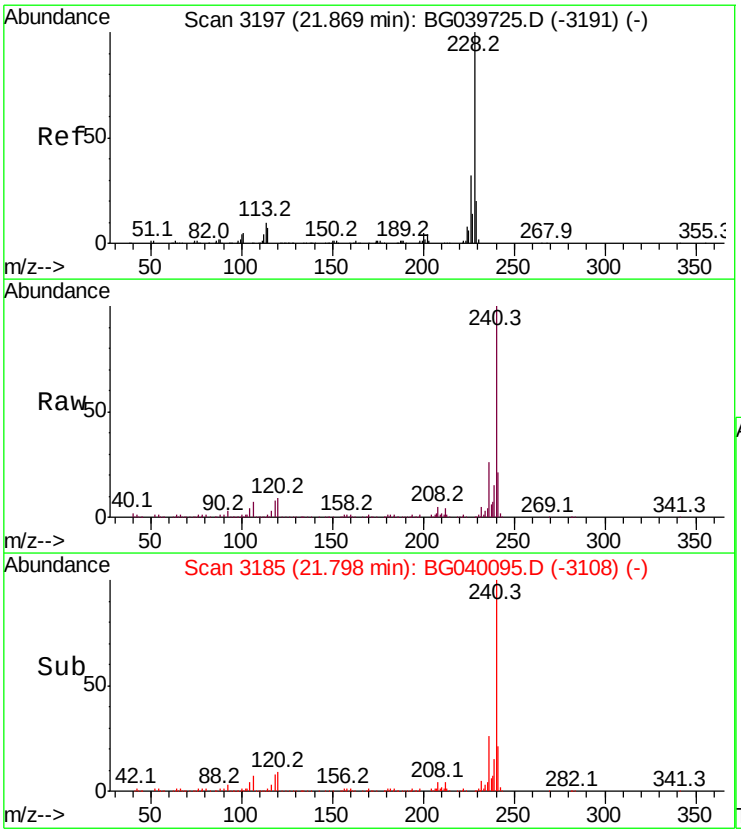
#82
3,3'-Dichlorobenzidine
Concen: 0.008 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.07 min
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 59

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.3	76.9#
126	0.0	8.0	12.0#

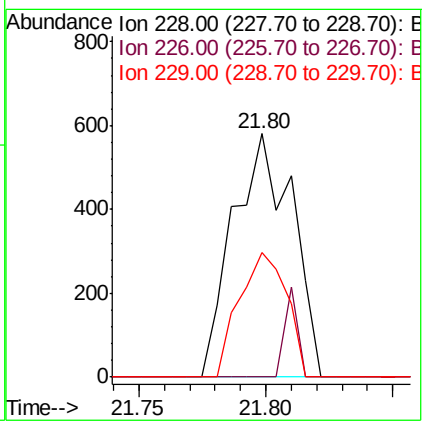


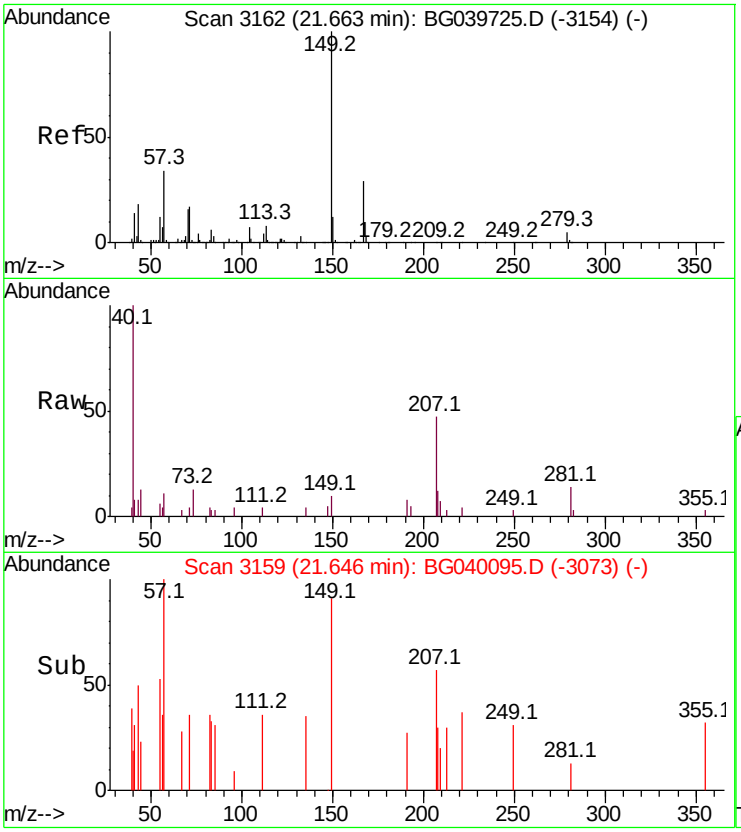


#83
Chrysene
Concen: 0.047 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.08 min
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Tgt Ion:228 Resp: 944

Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.8	38.6#
229	51.3	16.6	25.0#



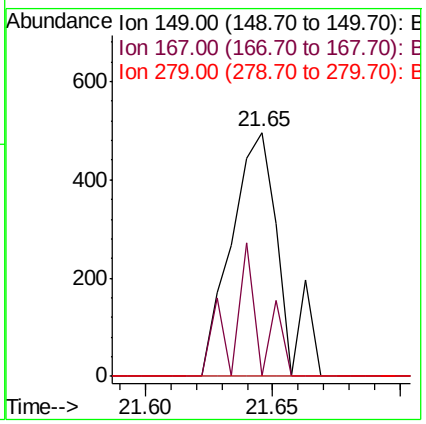


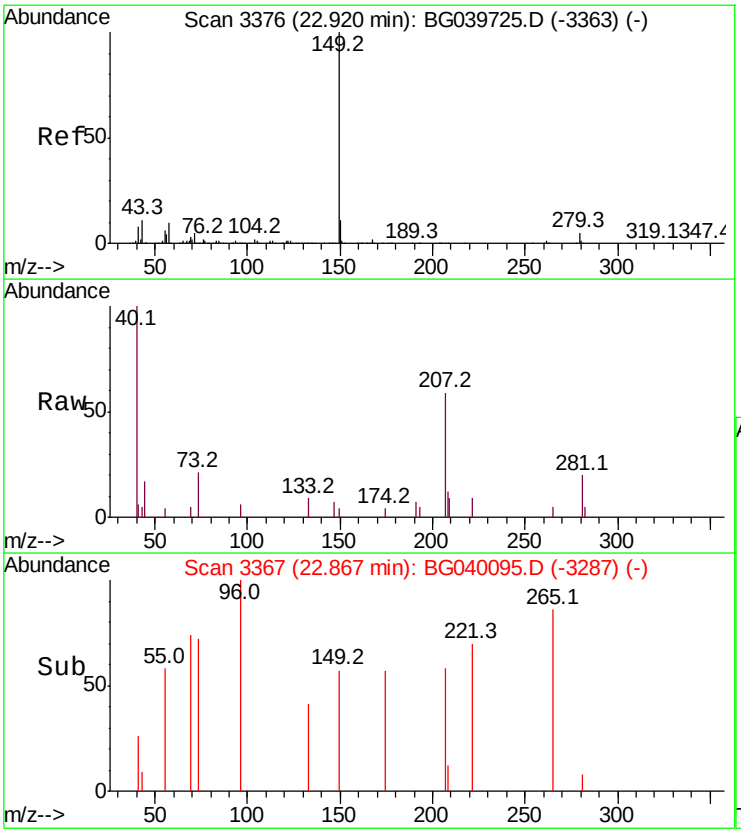
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.056 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.02 min
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 663

Ion	Ratio	Lower	Upper
149	100		
167	0.0	22.6	34.0#
279	0.0	3.5	5.3#

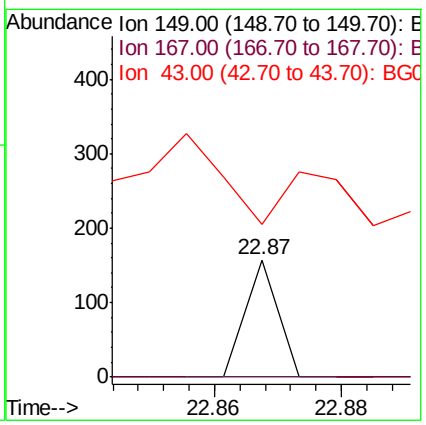


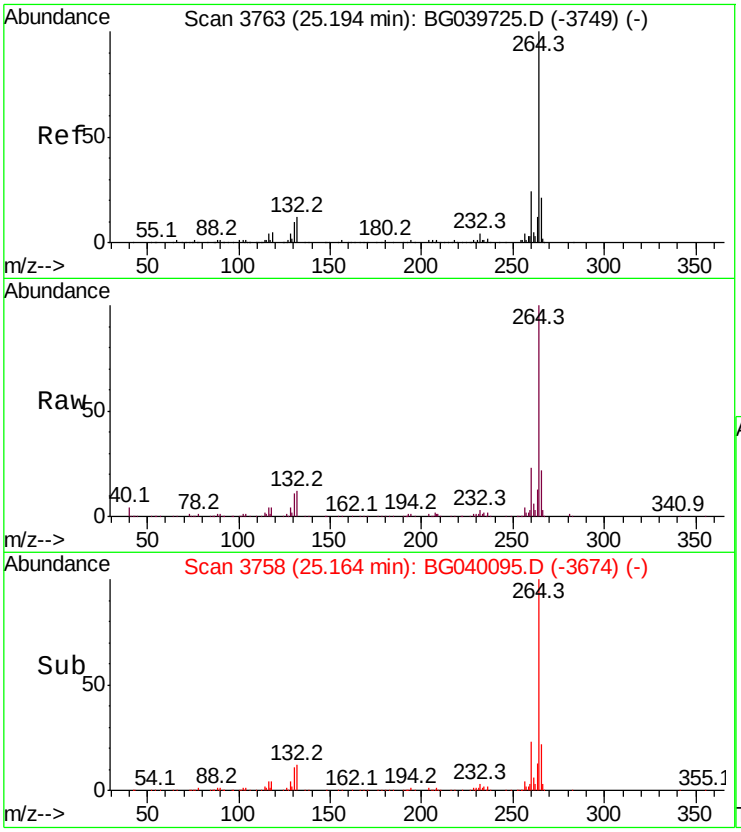


#85
Di-n-octyl phthalate
Concen: 0.003 ng
RT: 22.87 min Scan# 3367
Delta R.T. -0.06 min
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Tgt Ion:149 Resp: 55

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	0.0	10.2	15.4#



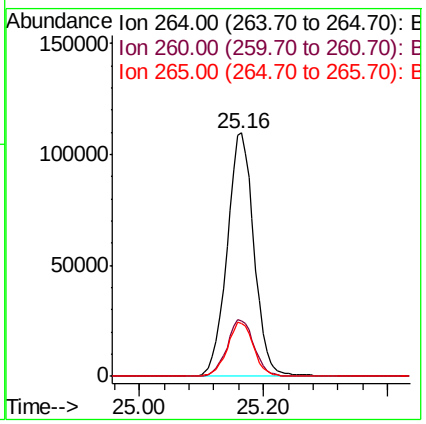


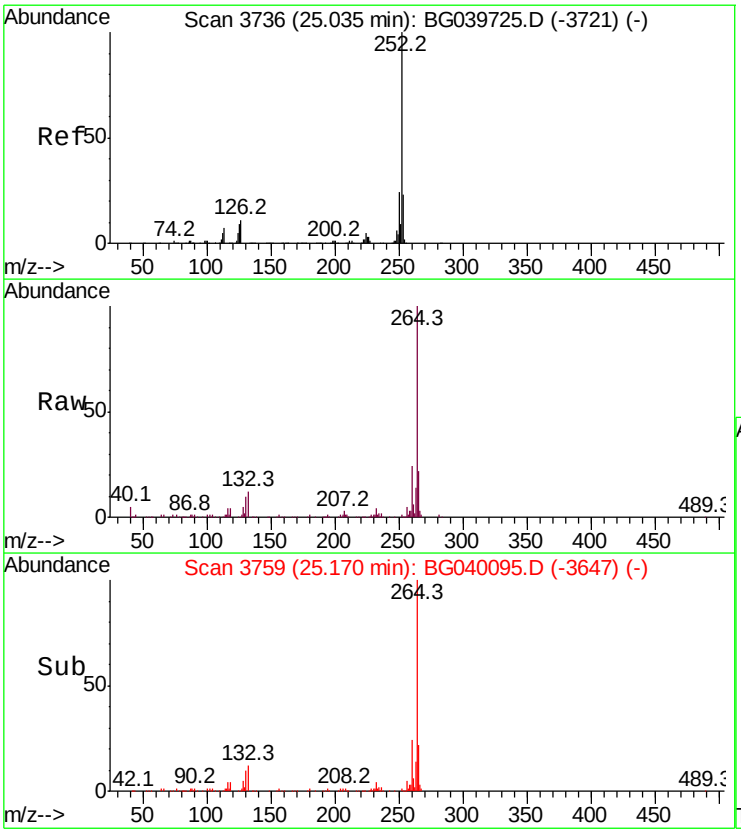
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3758
Delta R.T. -0.04 min
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 331351

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.4
265	21.9	18.5	27.7





#90
Benzo(a)pyrene
Concen: 0.081 ng
RT: 25.17 min Scan# 3759
Delta R.T. 0.13 min
Lab File: BG040095.D
Acq: 22 Mar 2019 22:55

Tgt Ion:252 Resp: 1484

Ion	Ratio	Lower	Upper
252	100		
253	33.7	17.9	26.9#
125	0.0	8.3	12.5#