Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102519\
Data File : BG043344.D
Acq On : 25 Oct 2019 18:01
Operator : JU
Sample : K5153-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-102419

Quant Time: Oct 25 23:31:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	37029	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	133050	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	103452	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	250852	20.00	ng		0.00
76) Chrysene-d12	21.66	240	288603	20.00	ng		0.00
87) Perylene-d12	24.86	264	331688	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	286093	141.58	ng		0.01
7) Phenol-d6	7.22	99	385959	132.75	ng		0.02
23) Nitrobenzene-d5	9.19	82	241337	93.51	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	267958	136.11	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	657462	87.82	ng		0.00
79) Terphenyl-d14	20.00	244	1407569	91.50	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.93	79	60	0.030	ng	#	20
4) n-Nitrosodimethylamine	3.86	42	197	0.197	ng	#	1
6) Aniline	7.57	93	559	0.167	ng	#	1
8) 2-Chlorophenol	7.59	128	58	0.026	ng	#	1
9) Benzaldehyde	7.21	77	824	0.577	ng	#	7
10) Phenol	7.24	94	10934	4.116	ng	#	68
11) bis(2-Chloroethyl)ether	7.57	93	559	0.272	ng	#	1
15) Benzyl Alcohol	8.35	79	3982	1.950	ng	#	47
16) 2,2'-oxybis(1-Chloropropan	8.54	45	331	0.111	ng		67
18) Hexachloroethane	9.60	117	56	0.055	ng	#	1
22) Acetophenone	8.86	105	85	0.025	ng	#	50
24) Nitrobenzene	9.20	77	543	0.221	ng	#	41
25) Isophorone	9.75	82	339	0.072	ng	#	65
26) 2-Nitrophenol	9.76	139	61	0.051	ng	#	28
27) 2,4-Dimethylphenol	9.54	122	63	0.037	ng	#	11
29) 2,4-Dichlorophenol	10.20	162	58	0.027	ng	#	30
31) Naphthalene	10.78	128	67	0.010	ng	#	68
36) 4-Chloro-3-methylphenol	12.21	107	56	0.024	ng	#	20
37) 2-Methylnaphthalene	12.50	142	67	0.013	ng	#	79
38) 1-Methylnaphthalene	12.50	142	67	0.014	ng	#	98
40) 1,2,4,5-Tetrachlorobenzene	13.22	216	63	0.016	ng	#	25
41) Hexachlorocyclopentadiene	13.21	237	53	0.026	ng	#	29
46) 1,1'-Biphenyl	13.48	154	294	0.037	ng	#	54
47) 2-Chloronaphthalene	13.51	162	62	0.010	ng	#	38
48) 2-Nitroaniline	13.71	65	59	0.033	ng	#	6
49) Acenaphthylene	14.00	152	61	0.007	ng	#	59
50) Dimethylphthalate	14.10	163	59266	7.396	ng		96
51) 2,6-Dinitrotoluene	14.10	165	657	0.377	ng	#	22
52) Acenaphthene	14.65	154	435	0.077	ng	#	4
55) Dibenzofuran	15.40	168	80	0.009	ng	#	43
58) Fluorene	16.14	166	6885	0.891	ng	#	88
59) 2,3,4,6-Tetrachlorophenol	15.37	232	56	0.023	ng	#	44
60) Diethylphthalate	15.46	149	213	0.026	ng	#	58
61) 4-Chlorophenyl-phenylether	15.57	204	55	0.012	ng	#	32

Quantitation Report (QT Reviewed)

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Data File : BG043344.D
Acq On : 25 Oct 2019 18:01
Operator : JU
Sample : K5153-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-102419

Quant Time: Oct 25 23:31:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
62) 4-Nitroaniline	15.83	138	68	0.039	ng	#	8
63) Azobenzene	16.14	77	1126	0.173	ng	#	29
65) 4,6-Dinitro-2-methylphenol	16.14	198	664	0.450	ng	#	23
66) n-Nitrosodiphenylamine	16.14	169	7056	0.996	ng	#	47
71) Phenanthrene	17.44	178	594	0.046	ng	#	54
72) Anthracene	17.44	178	594	0.046	ng	#	53
73) Carbazole	18.28	167	53	0.005	ng	#	58
74) Di-n-butylphthalate	18.35	149	1036	0.073	ng	#	77
75) Fluoranthene	19.45	202	54	0.003	ng		65
78) Pyrene	20.01	202	4919	0.275	ng	#	74
80) Butylbenzylphthalate	20.68	149	448	0.066	ng	#	71
81) Benzo(a)anthracene	21.66	228	964	0.053	ng	#	30
82) 3,3'-Dichlorobenzidine	21.60	252	56	0.008	ng	#	23
83) Chrysene	21.70	228	61	0.003	ng	#	49
84) Bis(2-ethylhexyl)phthalate	21.55	149	1462	0.152	ng	#	88
85) Di-n-octyl phthalate	22.74	149	191	0.012	ng	#	79
88) Benzo(b)fluoranthene	23.80	252	55	0.003	ng	#	60
89) Benzo(k)fluoranthene	23.92	252	58	0.003	ng	#	1
90) Benzo(a)pyrene	24.72	252	109	0.006	ng	#	61
91) Dibenzo(a,h)anthracene	28.61	278	63	0.003	ng	#	58
92) Benzo(g,h,i)perylene	29.66	276	59	0.003	ng	#	58

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

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Acq On : 25 Oct 2019 18:01
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Instrument :
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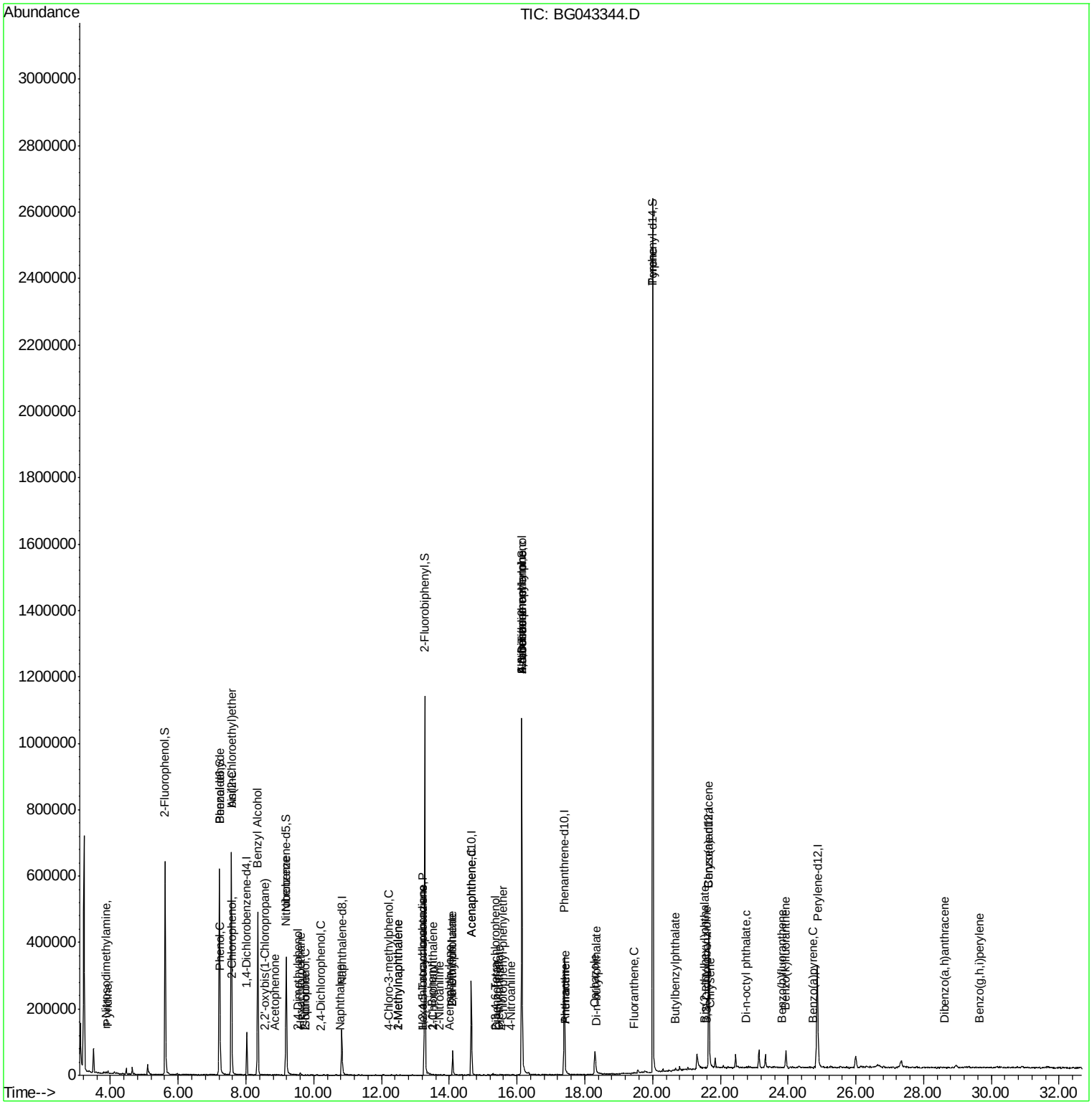
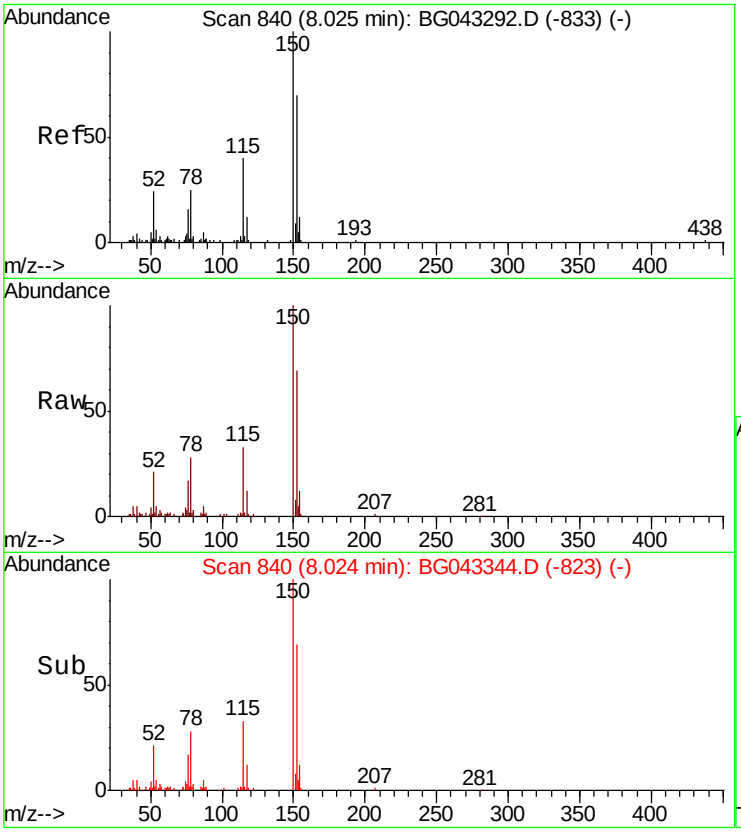


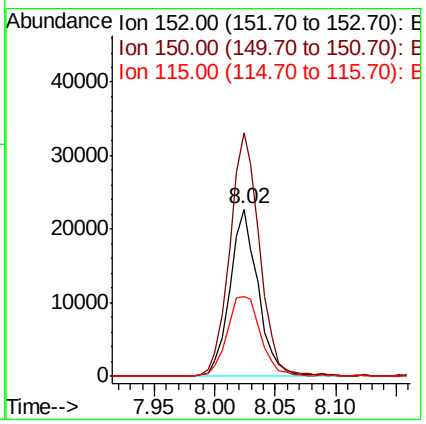


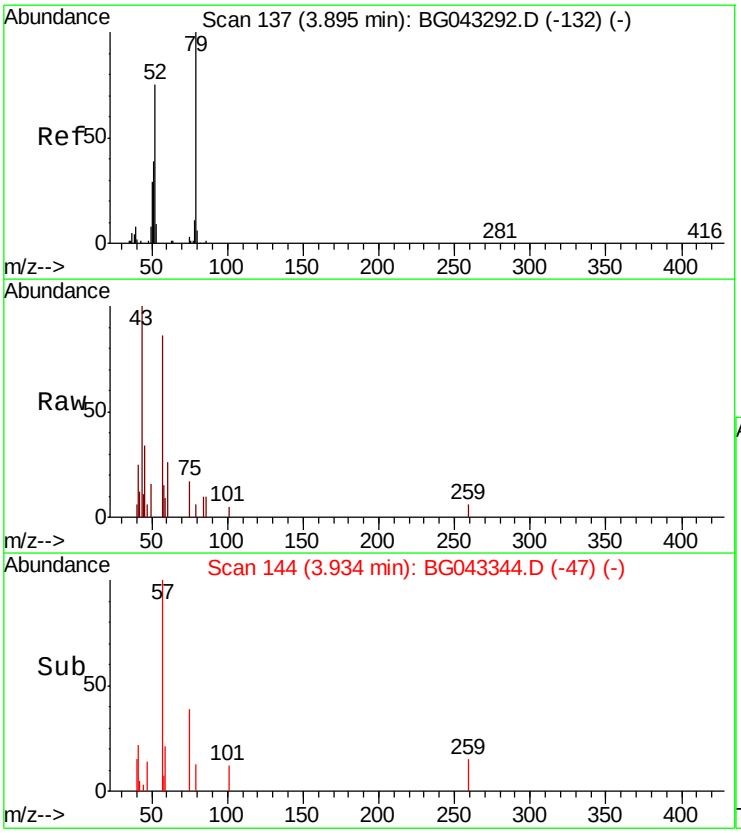
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Instrument :
BNA_G
ClientSampleId :
TR-05-102419

Tgt Ion:152 Resp: 37029

Ion	Ratio	Lower	Upper
152	100		
150	145.4	113.6	170.4
115	48.0	45.9	68.9

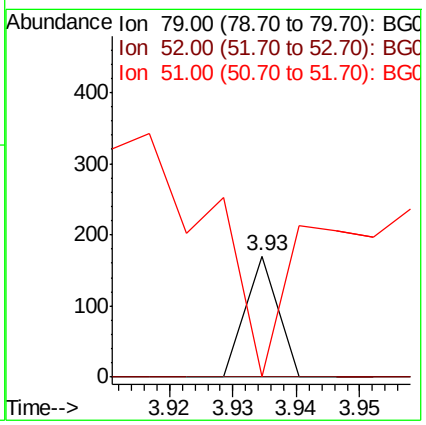


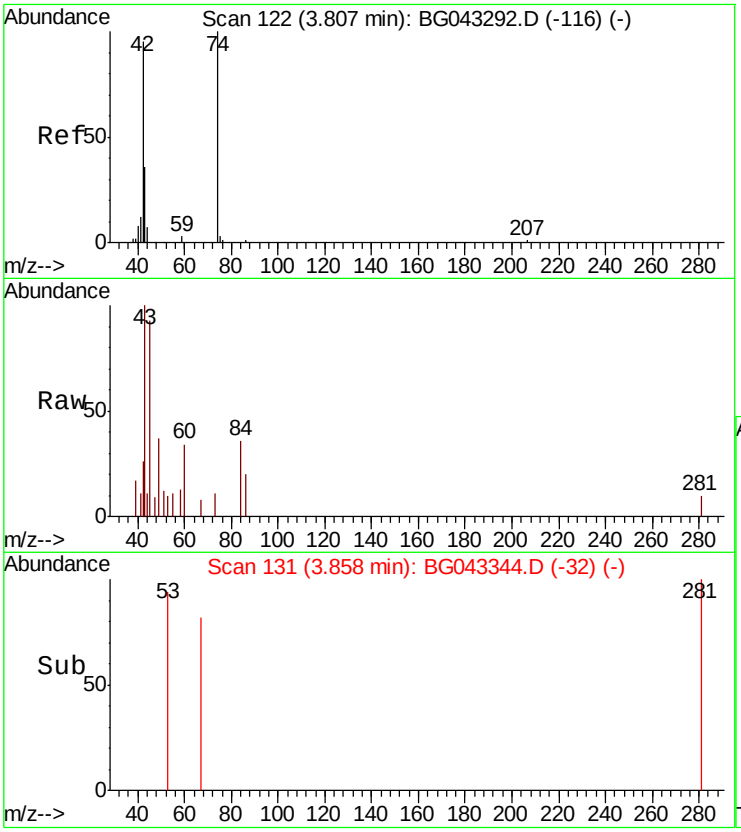


#3
Pyridine
Concen: 0.030 ng
RT: 3.93 min Scan# 144
Delta R.T. 0.04 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Tgt Ion: 79 Resp: 60

Ion	Ratio	Lower	Upper
79	100		
52	0.0	59.7	89.5#
51	0.0	31.8	47.6#



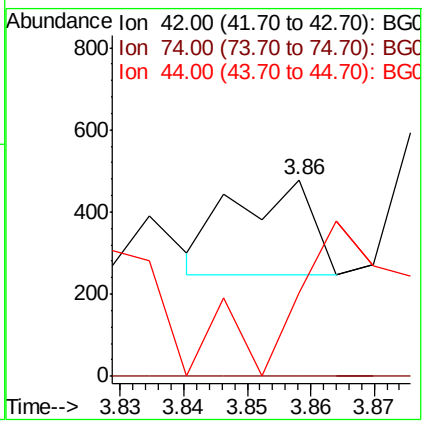


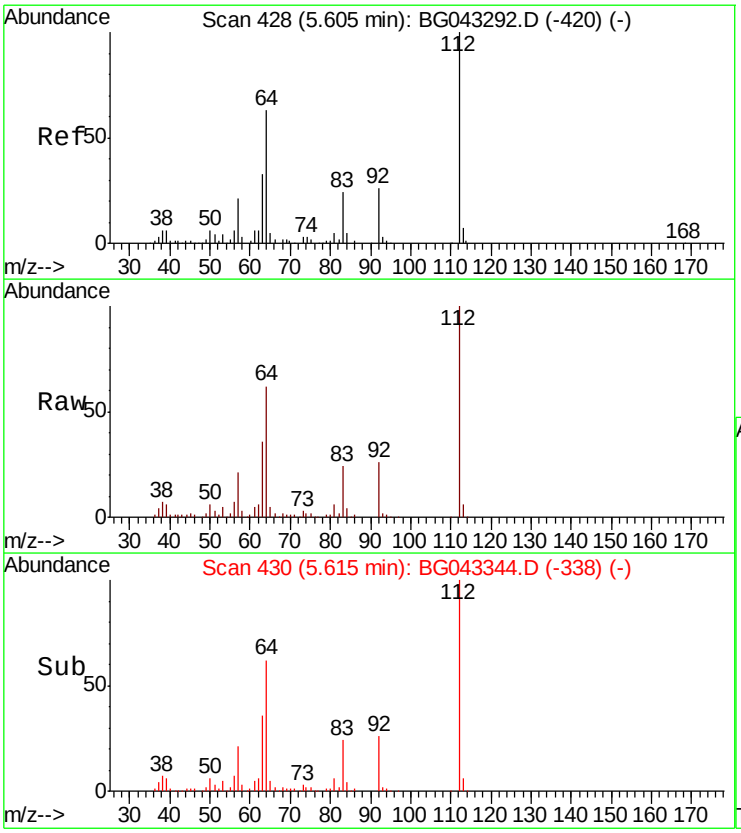
#4
n-Nitrosodimethylamine
Concen: 0.197 ng
RT: 3.86 min Scan# 131
Delta R.T. 0.05 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Instrument :
BNA_G
ClientSampleId :
TR-05-102419

Tgt Ion: 42 Resp: 197

Ion	Ratio	Lower	Upper
42	100		
74	0.0	84.2	126.2#
44	42.7	6.0	9.0#

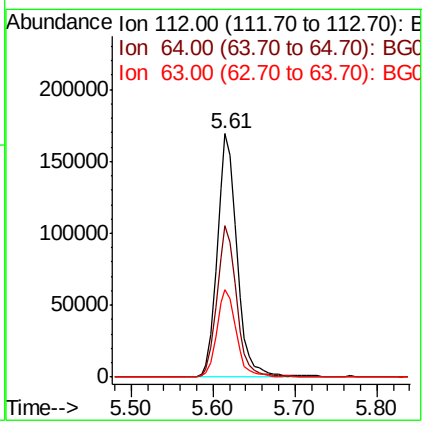


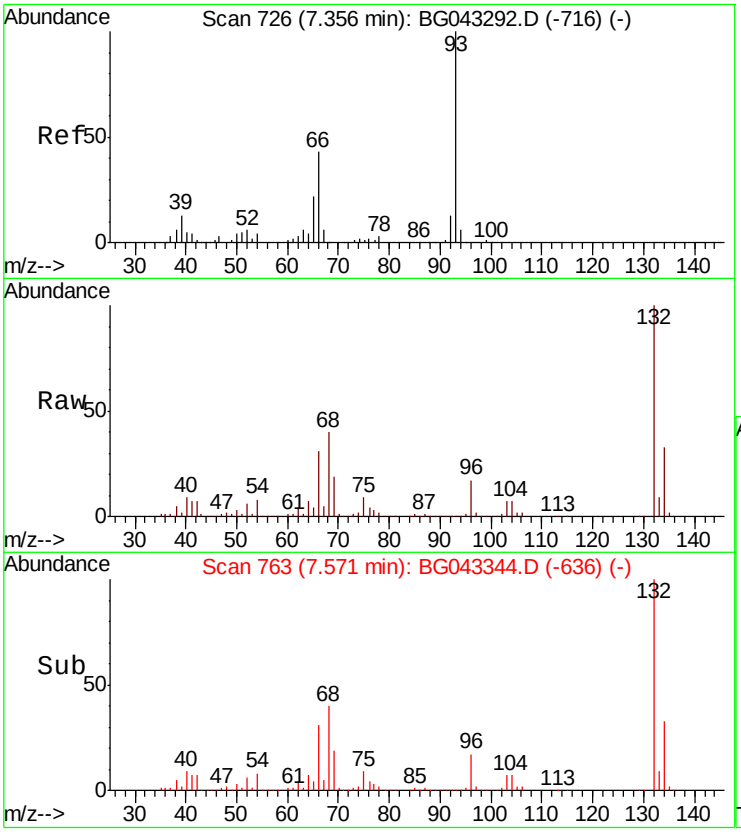


#5
2-Fluorophenol
Concen: 141.578 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Tgt Ion:112 Resp: 286093

Ion	Ratio	Lower	Upper
112	100		
64	62.2	50.2	75.2
63	36.0	26.7	40.1



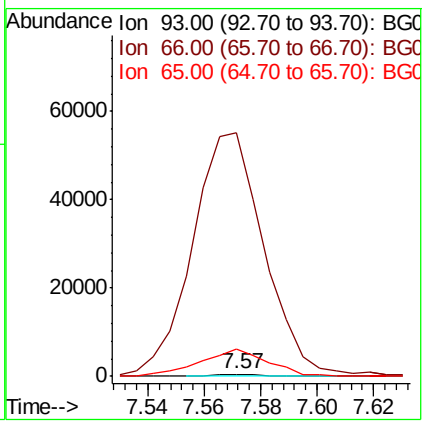


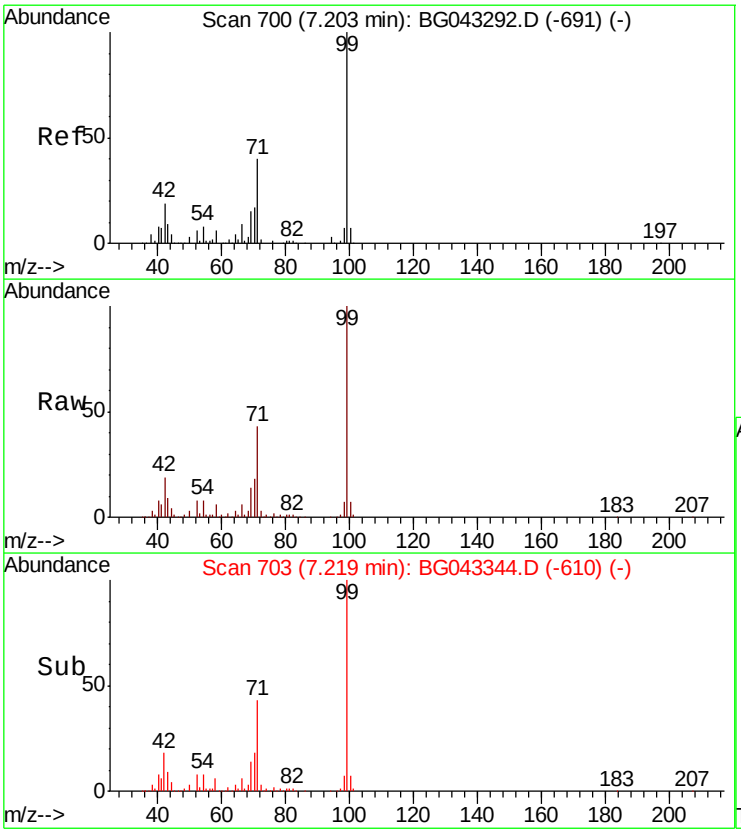
#6
Aniline
Concen: 0.167 ng
RT: 7.57 min Scan# 763
Delta R.T. 0.22 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Instrument :
BNA_G
ClientSampleId :
TR-05-102419

Tgt Ion: 93 Resp: 559

Ion	Ratio	Lower	Upper
93	100		
66	12620.6	34.5	51.7#
65	1435.2	18.0	27.0#

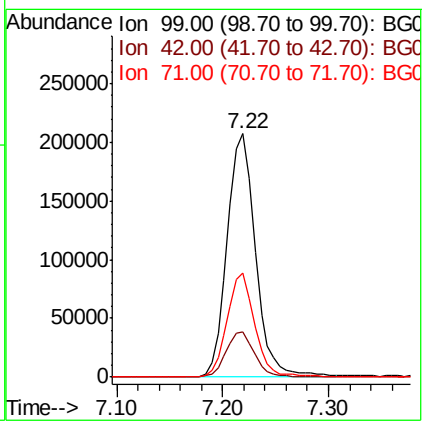


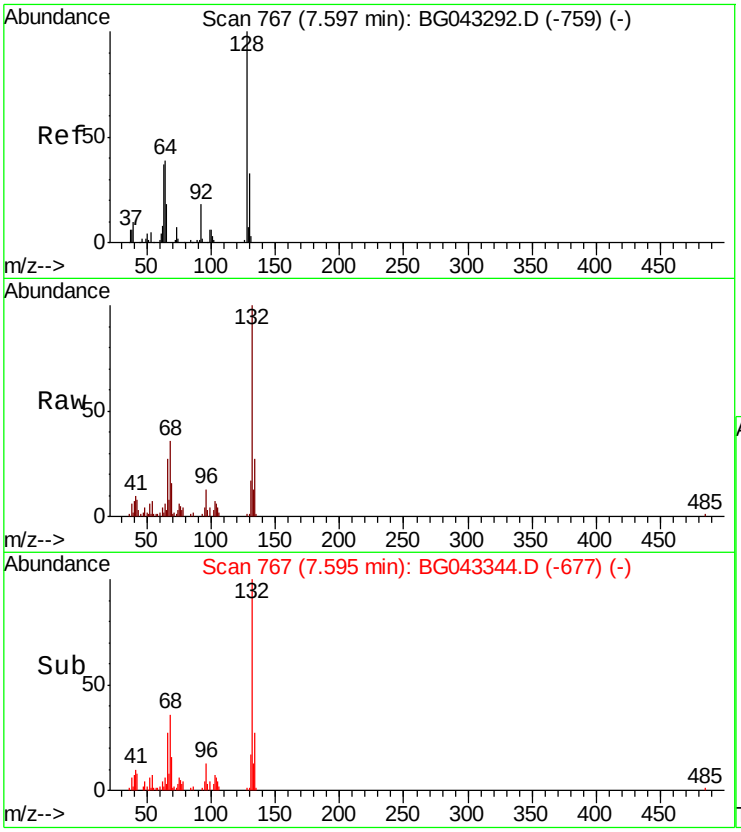


#7
Phenol-d6
Concen: 132.752 ng
RT: 7.22 min Scan# 703
Delta R.T. 0.02 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Tgt Ion: 99 Resp: 385959

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.9	22.3
71	42.5	32.2	48.2



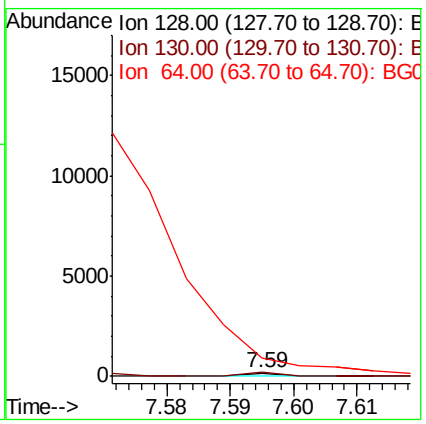


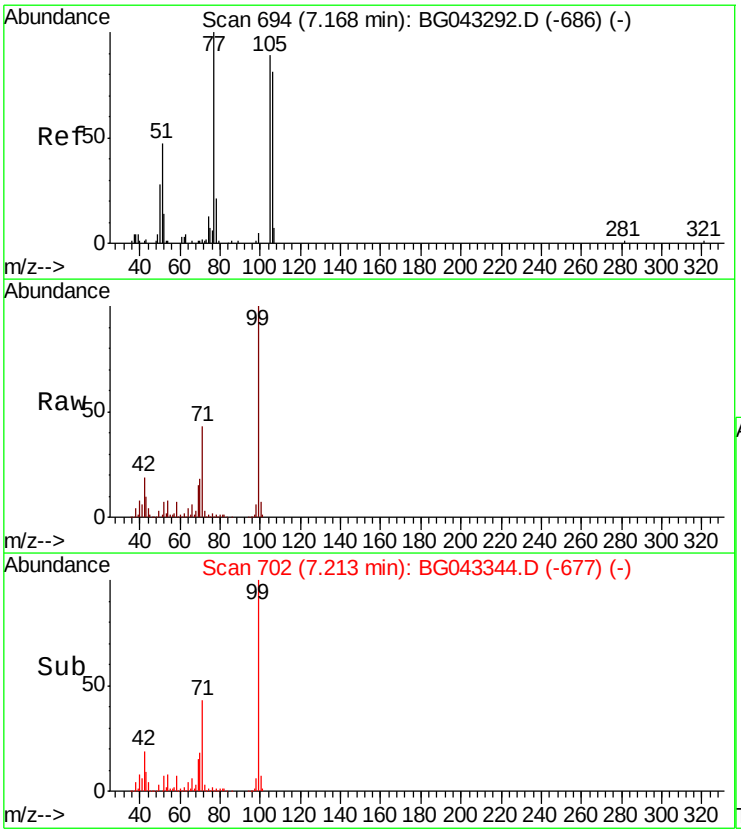
#8
2-Chlorophenol
Concen: 0.026 ng
RT: 7.59 min Scan# 767
Delta R.T. -0.00 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Instrument :
BNA_G
ClientSampleId :
TR-05-102419

Tgt Ion:128 Resp: 58

Ion	Ratio	Lower	Upper
128	100		
130	126.7	12.9	52.9#
64	567.3	24.9	64.9#

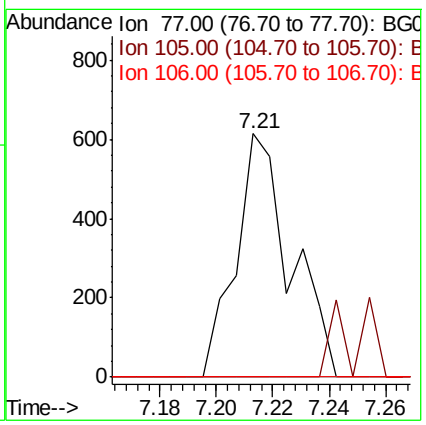


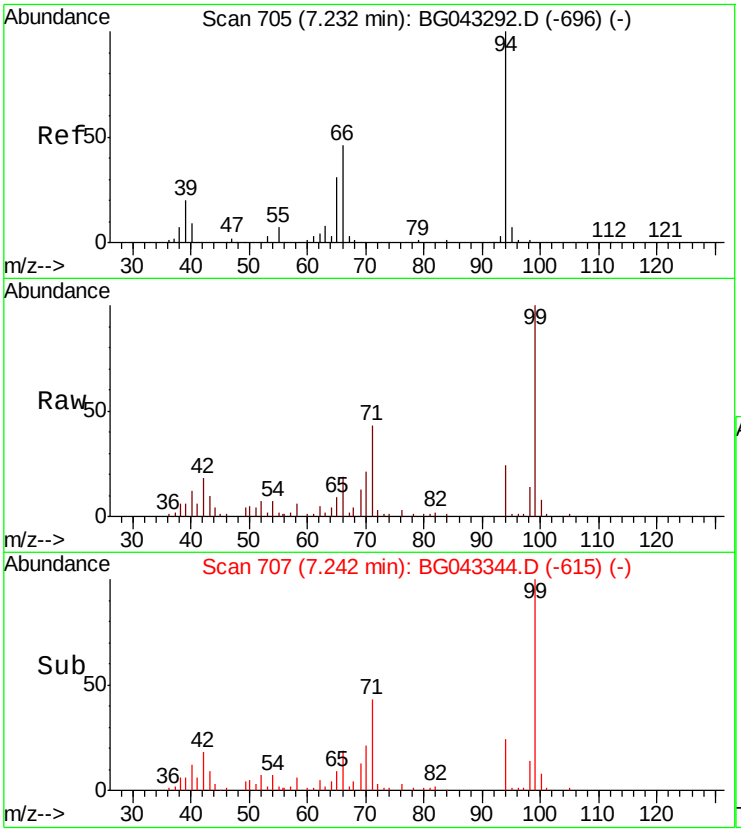


#9
Benzaldehyde
Concen: 0.577 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.05 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Tgt Ion: 77 Resp: 824

Ion	Ratio	Lower	Upper
77	100		
105	0.0	68.7	108.7#
106	0.0	60.5	100.5#



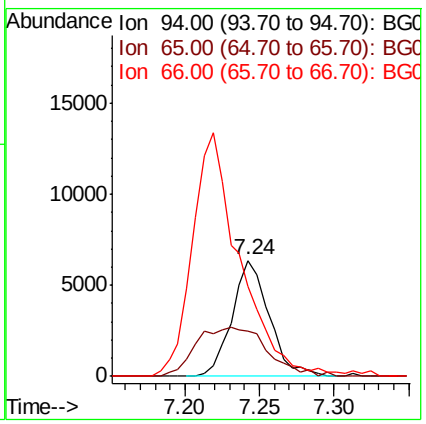


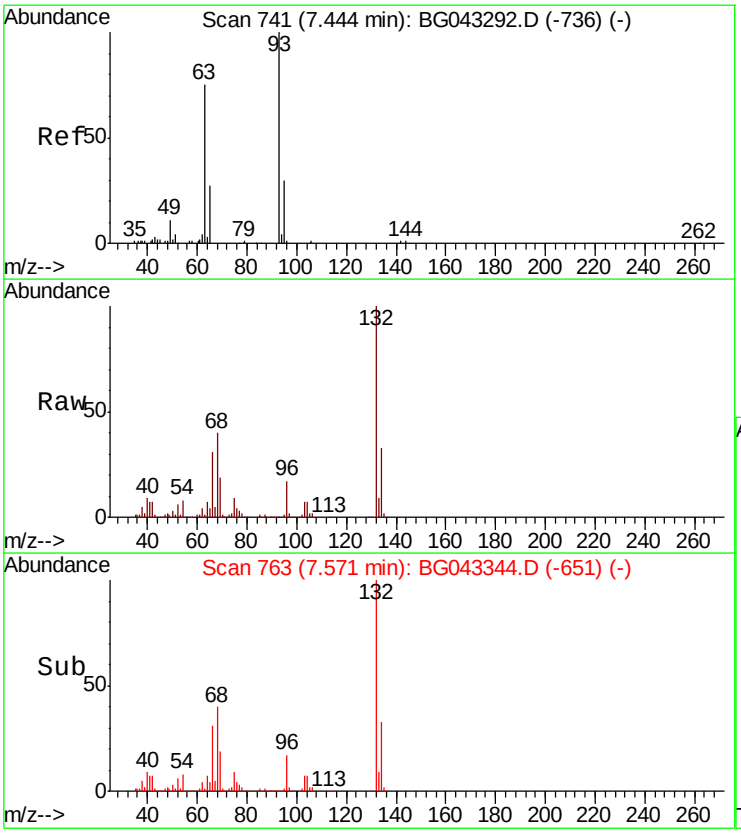
#10
Phenol
Concen: 4.116 ng
RT: 7.24 min Scan# 707
Delta R.T. 0.01 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Instrument :
BNA_G
ClientSampleId :
TR-05-102419

Tgt Ion: 94 Resp: 10934

Ion	Ratio	Lower	Upper
94	100		
65	38.5	11.1	51.1
66	77.4	27.8	67.8#

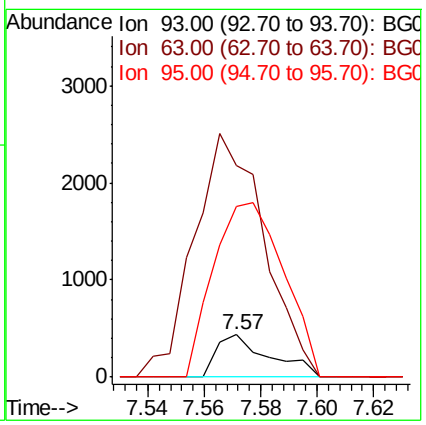


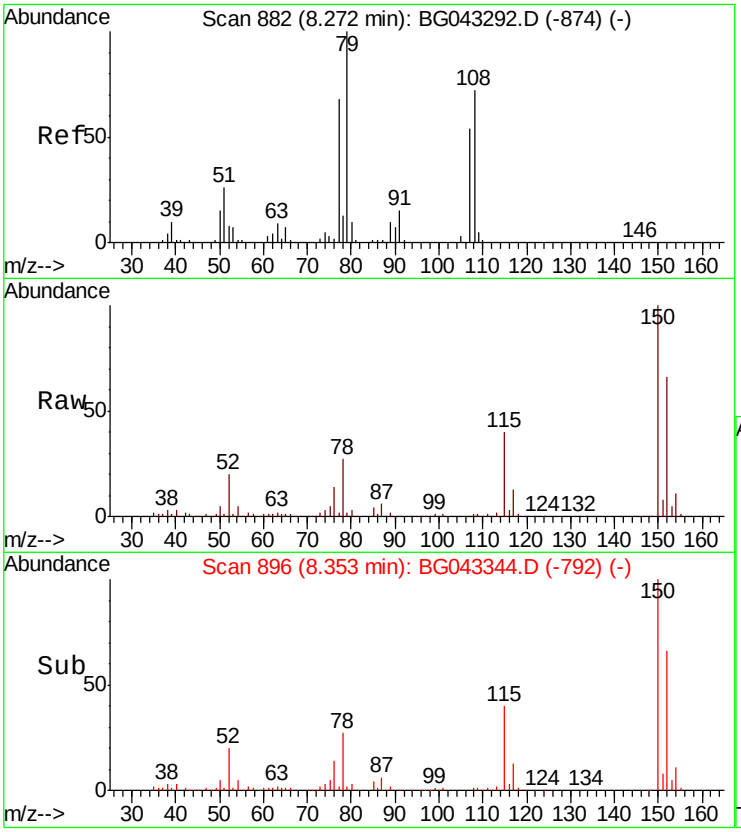


#11
bis(2-Chloroethyl)ether
Concen: 0.272 ng
RT: 7.57 min Scan# 763
Delta R.T. 0.13 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Tgt Ion: 93 Resp: 559

Ion	Ratio	Lower	Upper
93	100		
63	498.6	54.6	94.6#
95	402.1	9.7	49.7#



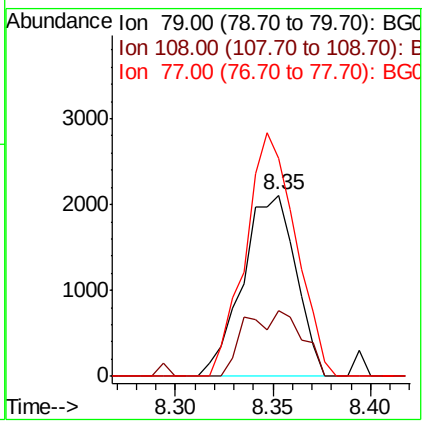


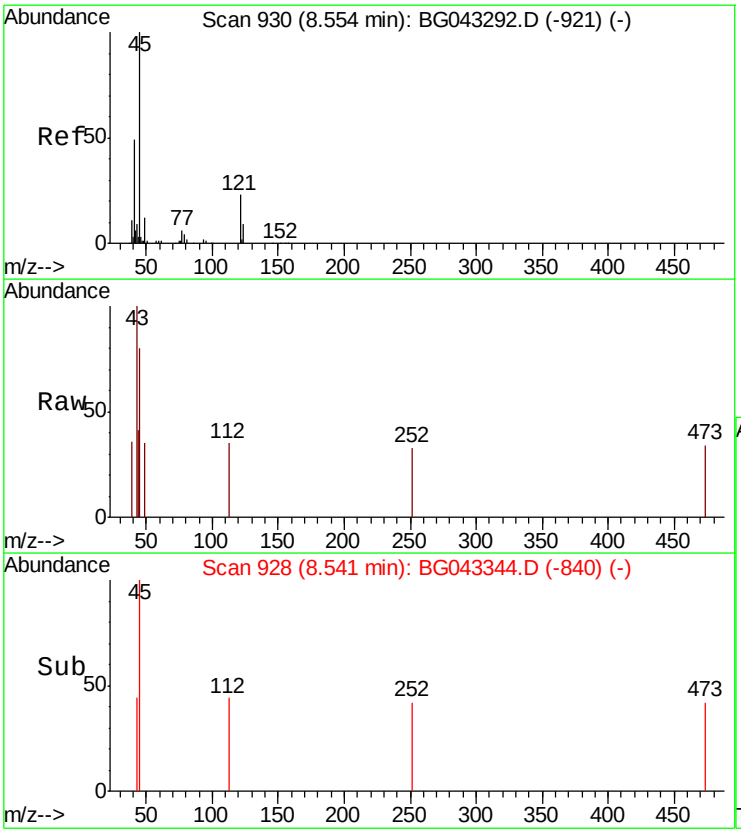
#15
Benzyl Alcohol
Concen: 1.950 ng
RT: 8.35 min Scan# 896
Delta R.T. 0.08 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Instrument :
BNA_G
ClientSampleId :
TR-05-102419

Tgt Ion: 79 Resp: 3982

Ion	Ratio	Lower	Upper
79	100		
108	36.3	57.3	85.9#
77	120.5	54.6	81.8#

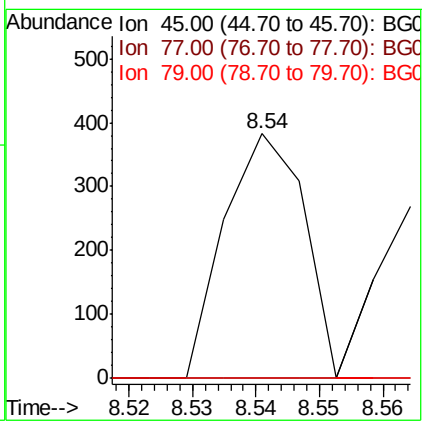


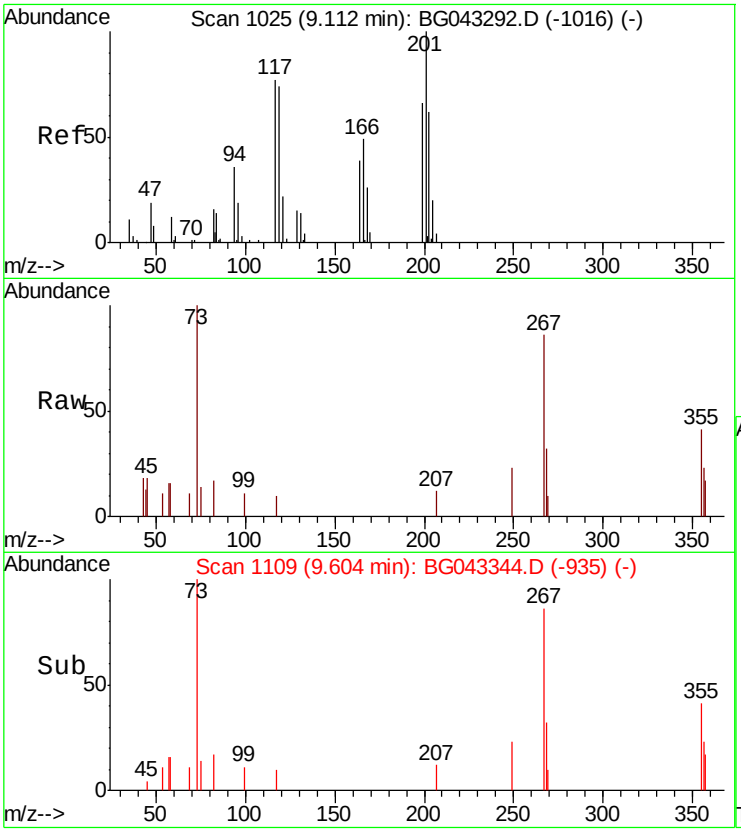


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.111 ng
RT: 8.54 min Scan# 928
Delta R.T. -0.01 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Tgt Ion: 45 Resp: 331

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	34.2
79	0.0	0.0	32.3



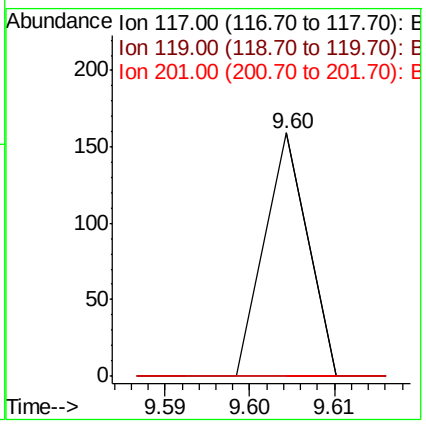


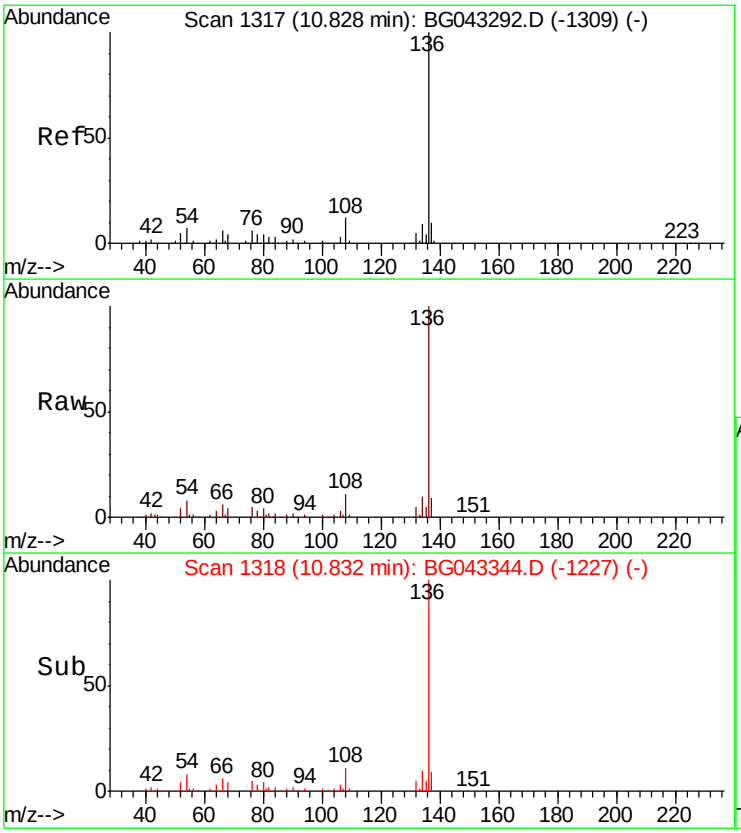
#18
Hexachloroethane
Concen: 0.055 ng
RT: 9.60 min Scan# 1109
Delta R.T. 0.49 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Instrument :
BNA_G
ClientSampleId :
TR-05-102419

Tgt Ion:117 Resp: 56

Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.3	115.9#
201	0.0	104.2	156.4#

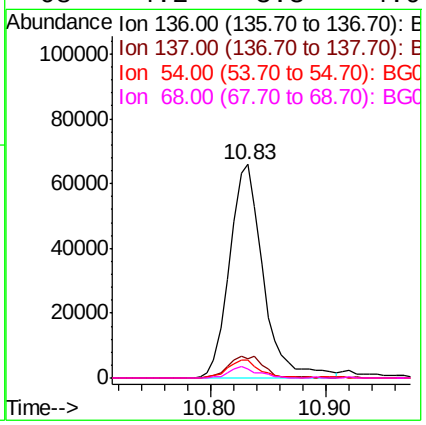


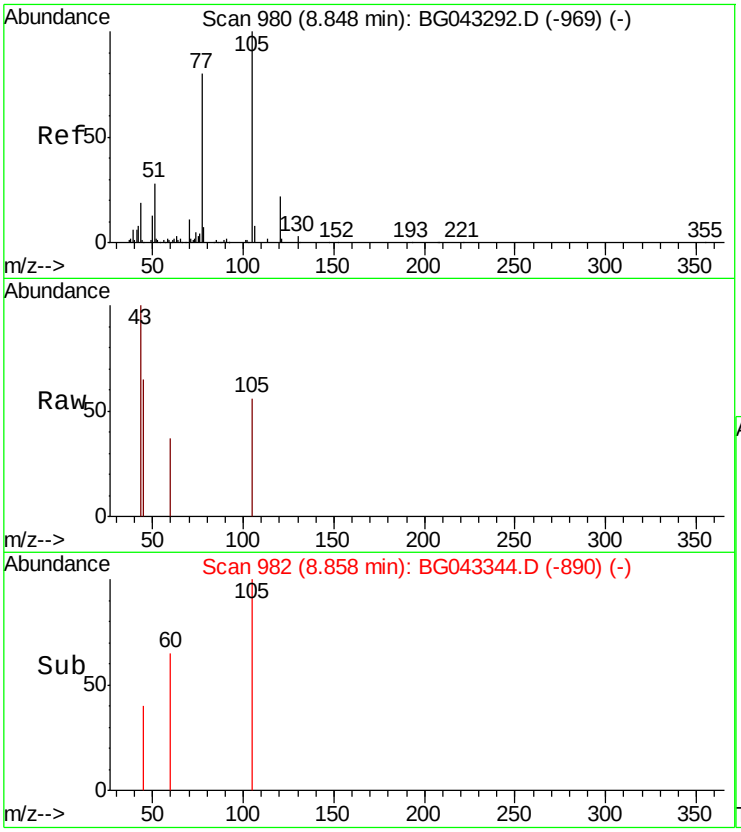


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Tgt Ion:136 Resp: 133050

Ion	Ratio	Lower	Upper
136	100		
137	8.8	8.2	12.2
54	8.1	5.4	8.2
68	4.2	3.3	4.9



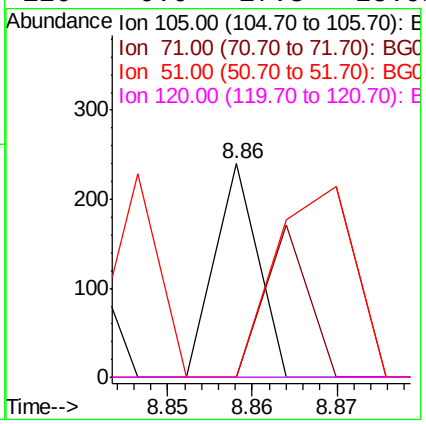


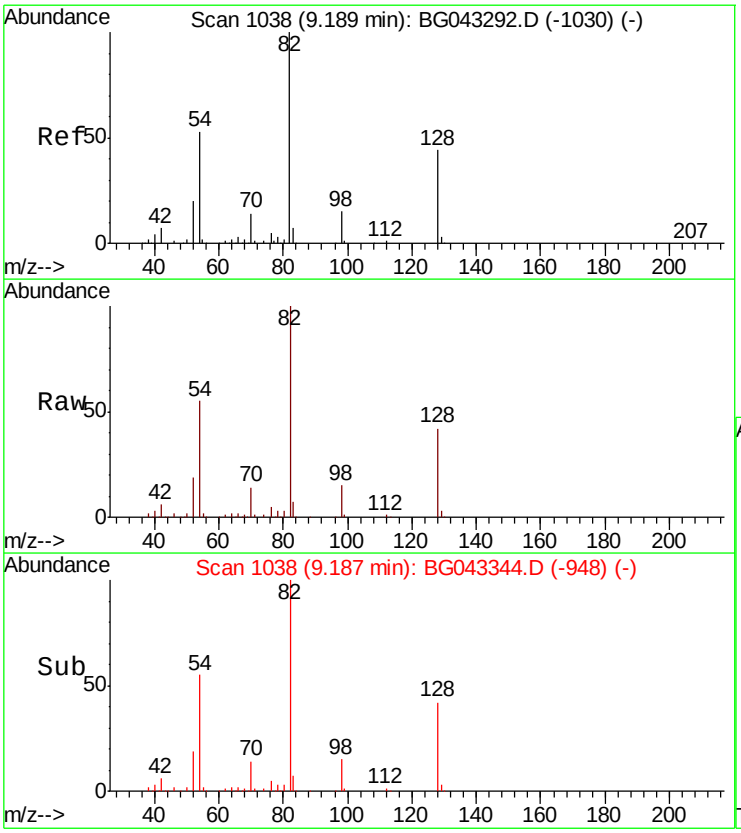
#22
Acetophenone
Concen: 0.025 ng
RT: 8.86 min Scan# 982
Delta R.T. 0.01 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Instrument : BNA_G
ClientSampleId : TR-05-102419

Tgt Ion:105 Resp: 85

Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.5	2.3#
51	0.0	23.9	35.9#
120	0.0	17.3	25.9#

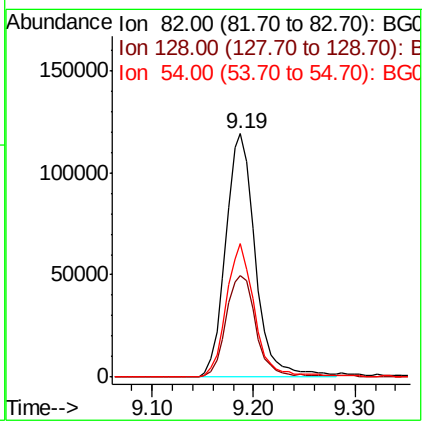


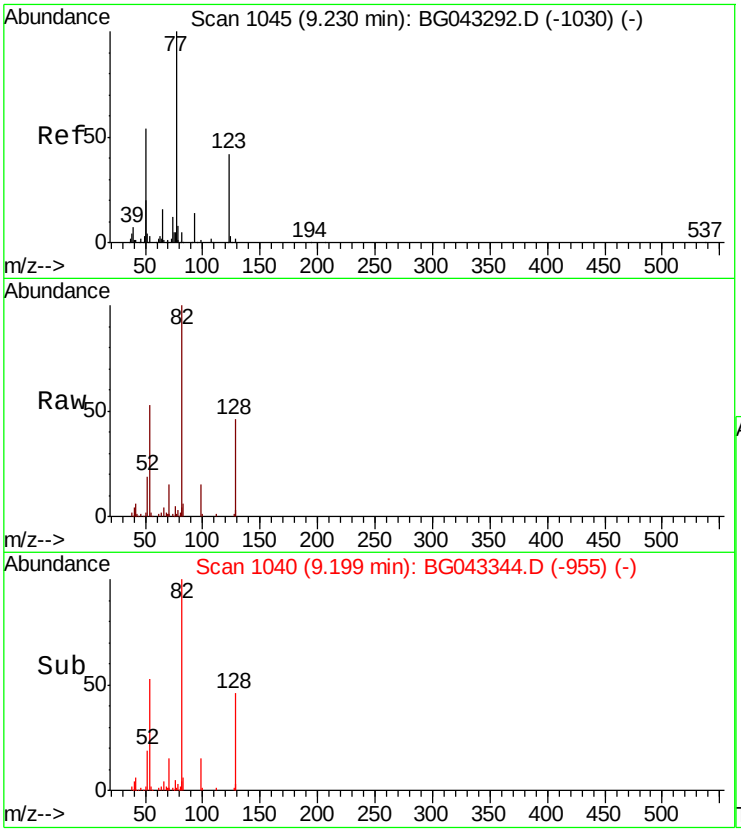


#23
Nitrobenzene-d5
Concen: 93.514 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Tgt Ion: 82 Resp: 241337

Ion	Ratio	Lower	Upper
82	100		
128	41.9	35.3	52.9
54	54.9	42.3	63.5



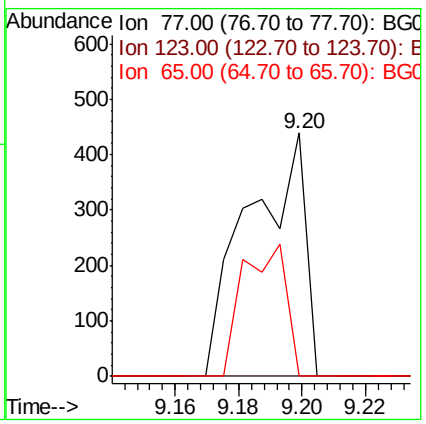


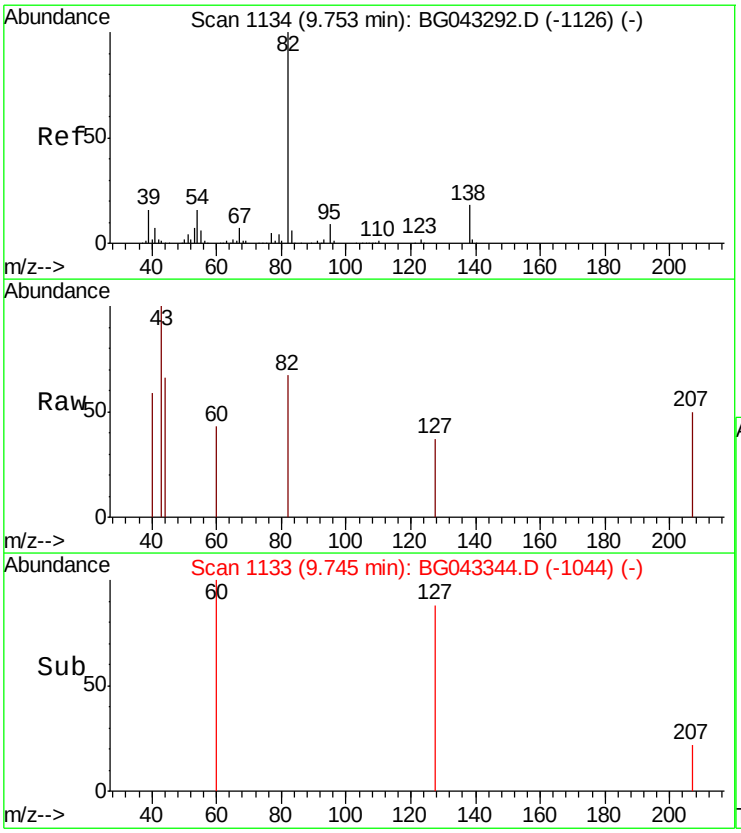
#24
Nitrobenzene
Concen: 0.221 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.03 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Instrument :
BNA_G
ClientSampleId :
TR-05-102419

Tgt Ion: 77 Resp: 543

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.8	50.8#
65	0.0	13.0	19.4#

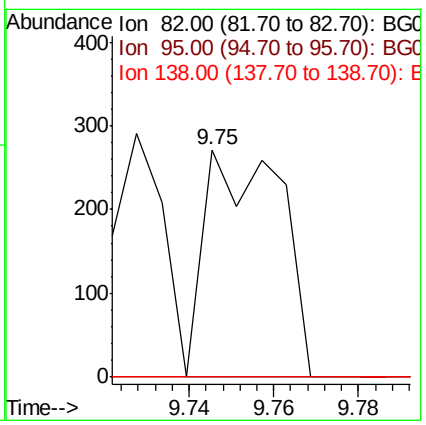


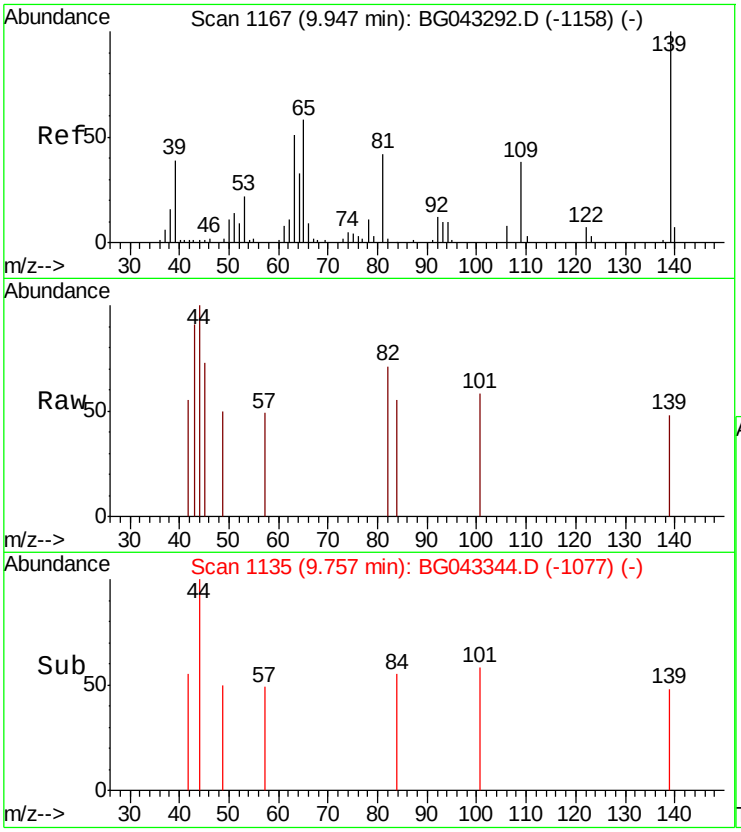


#25
Isophorone
Concen: 0.072 ng
RT: 9.75 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Tgt Ion: 82 Resp: 339

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.9	10.3#
138	0.0	14.2	21.2#



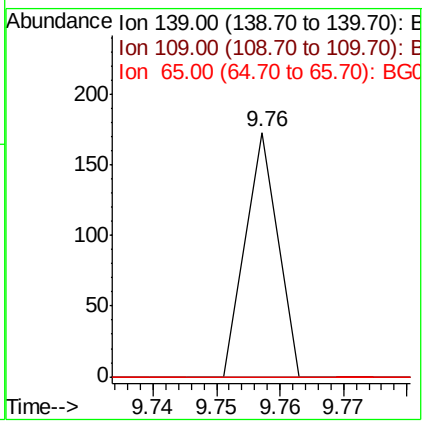


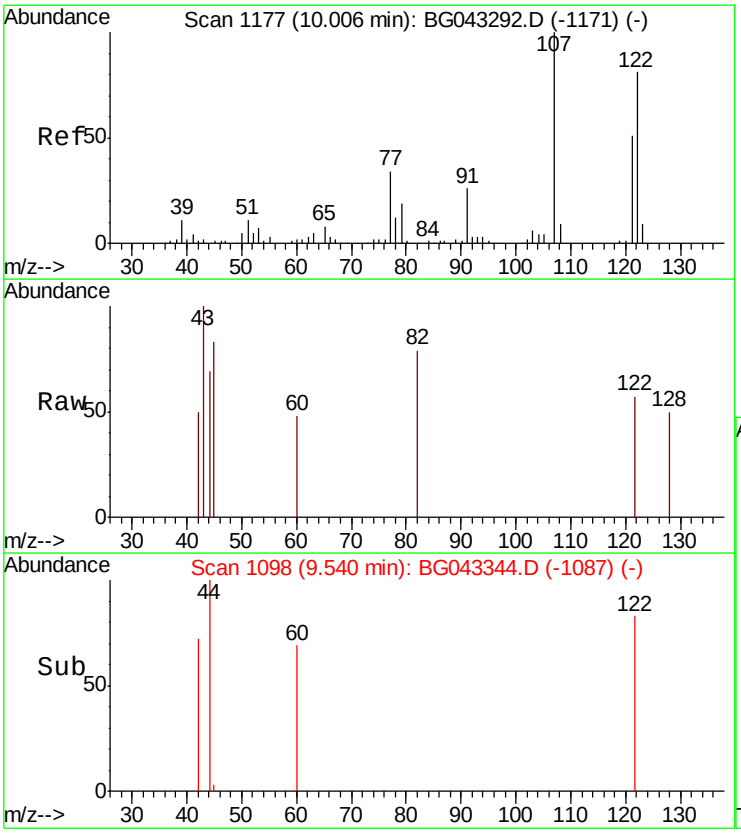
#26
2-Nitrophenol
Concen: 0.051 ng
RT: 9.76 min Scan# 1135
Delta R.T. -0.19 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Instrument :
BNA_G
ClientSampleId :
TR-05-102419

Tgt Ion:139 Resp: 61

Ion	Ratio	Lower	Upper
139	100		
109	0.0	30.1	45.1#
65	0.0	46.1	69.1#

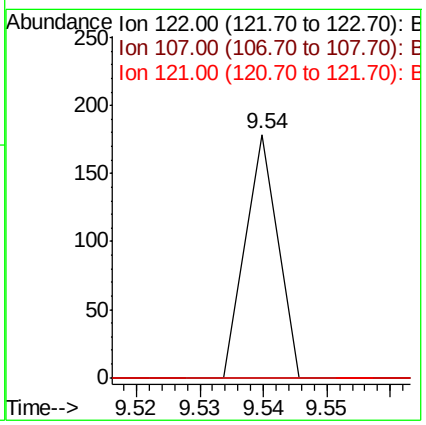


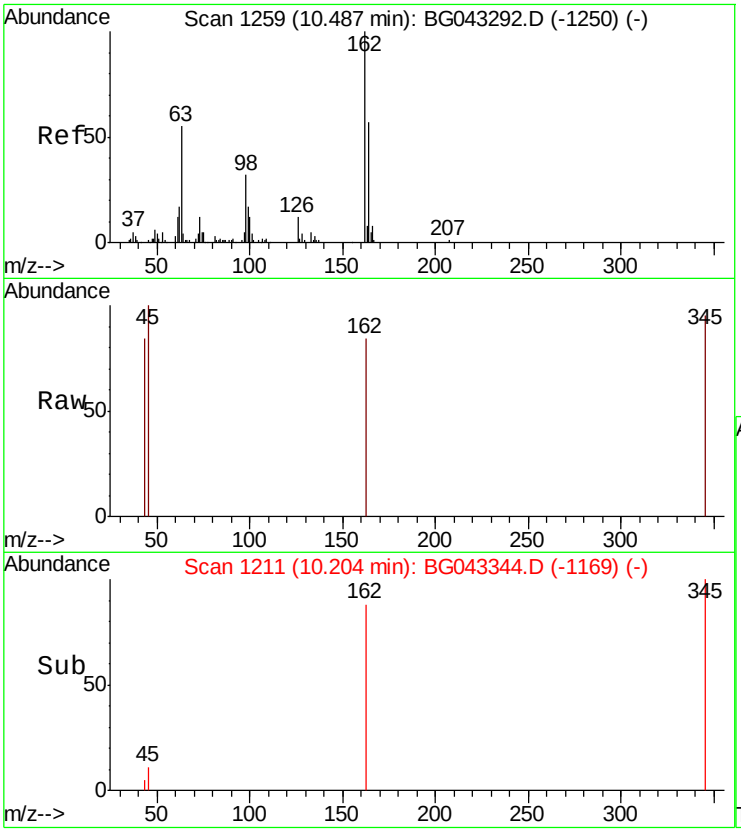


#27
2,4-Dimethylphenol
Concen: 0.037 ng
RT: 9.54 min Scan# 1098
Delta R.T. -0.47 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Tgt Ion:122 Resp: 63

Ion	Ratio	Lower	Upper
122	100		
107	0.0	98.6	147.8#
121	100.0	50.1	75.1#



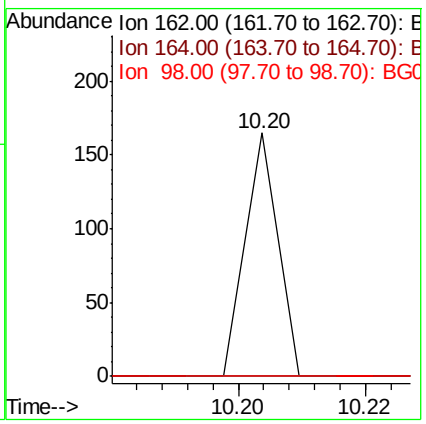


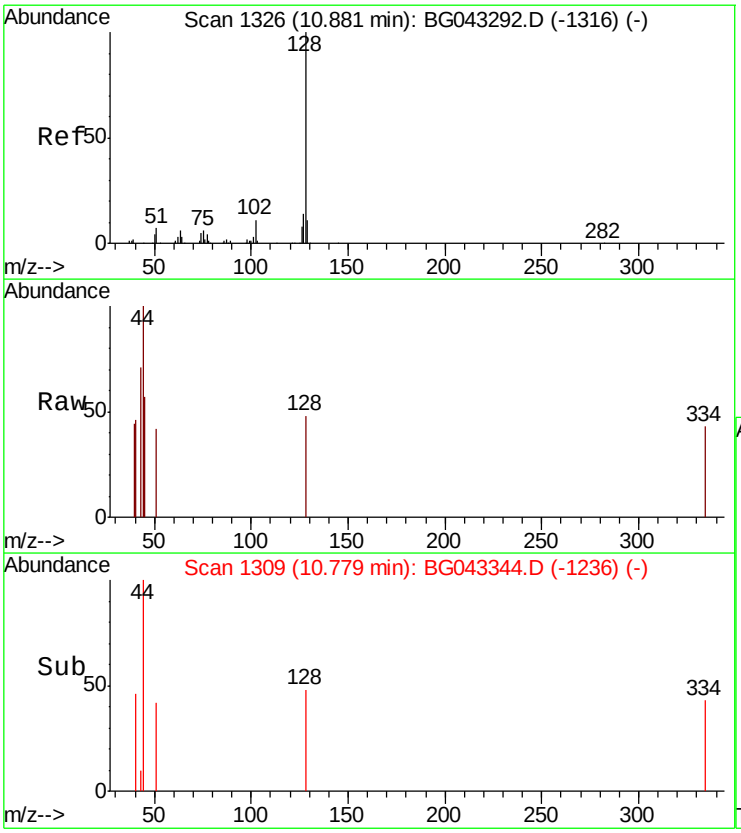
#29
2,4-Dichlorophenol
Concen: 0.027 ng
RT: 10.20 min Scan# 1211
Delta R.T. -0.28 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Instrument :
BNA_G
ClientSampleId :
TR-05-102419

Tgt Ion:162 Resp: 58

Ion	Ratio	Lower	Upper
162	100		
164	0.0	37.3	77.3#
98	0.0	11.8	51.8#

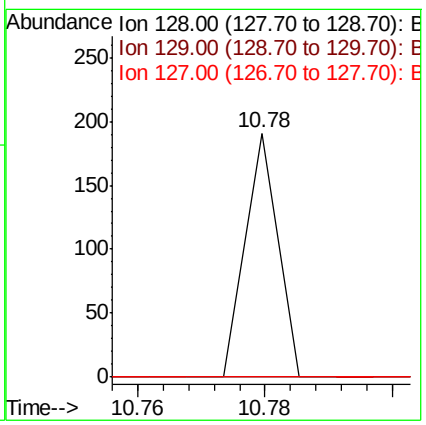


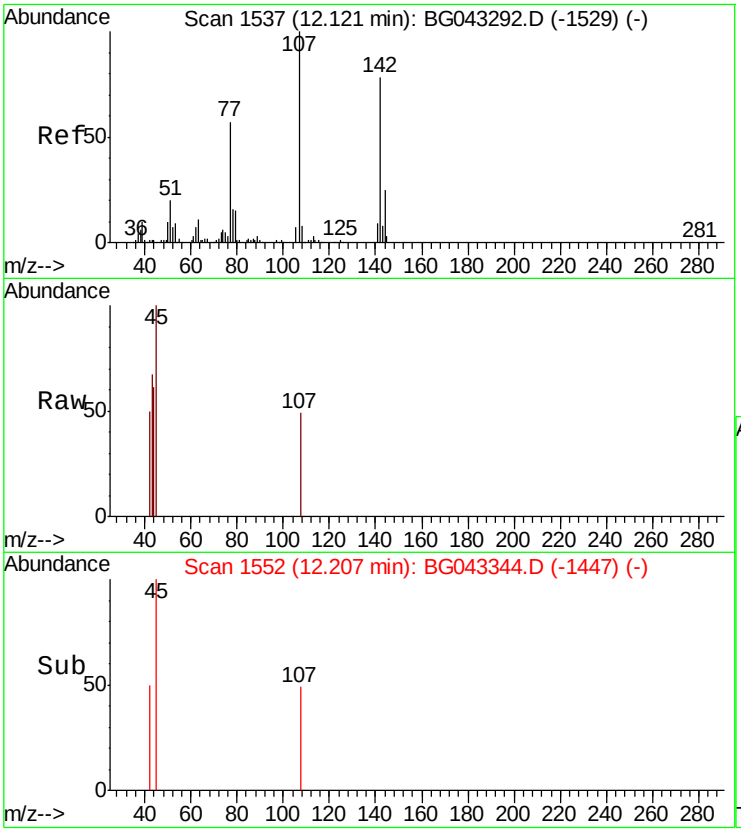


#31
Naphthalene
Concen: 0.010 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.10 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Tgt Ion:128 Resp: 67

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.6	12.8#
127	0.0	11.5	17.3#



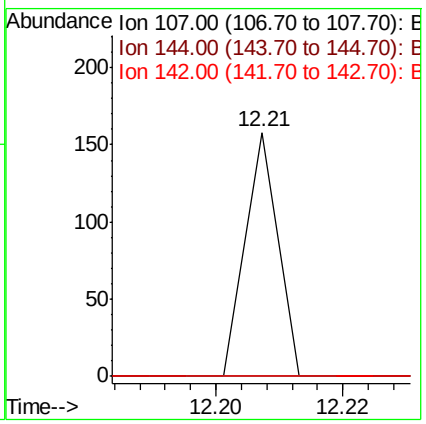


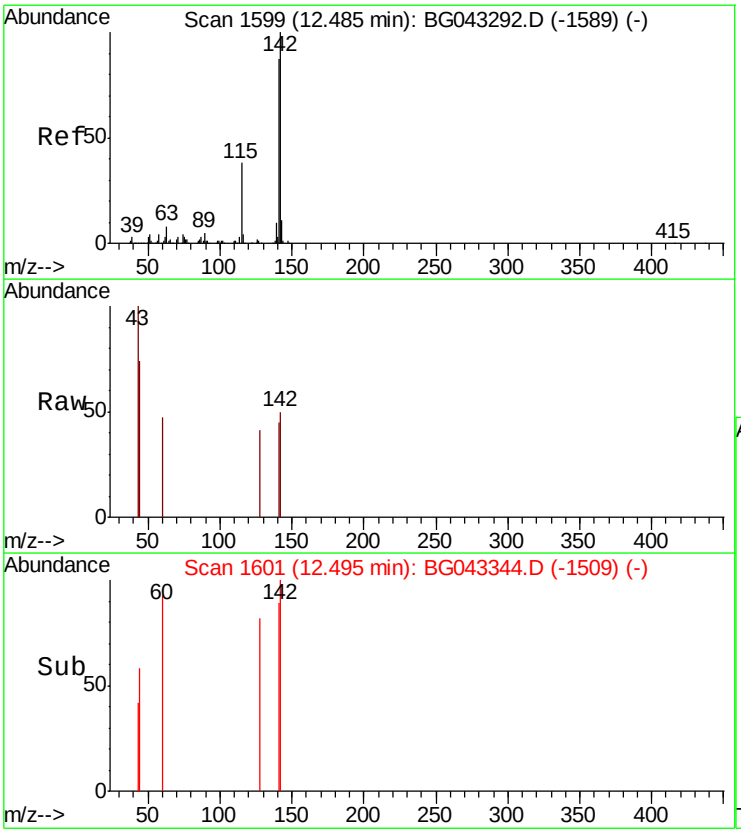
#36
4-Chloro-3-methylphenol
Concen: 0.024 ng
RT: 12.21 min Scan# 1552
Delta R.T. 0.09 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Instrument :
BNA_G
ClientSampleId :
TR-05-102419

Tgt Ion:107 Resp: 56

Ion	Ratio	Lower	Upper
107	100		
144	0.0	19.9	29.9#
142	0.0	62.1	93.1#

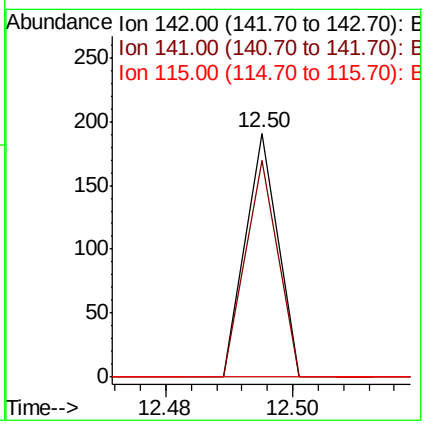


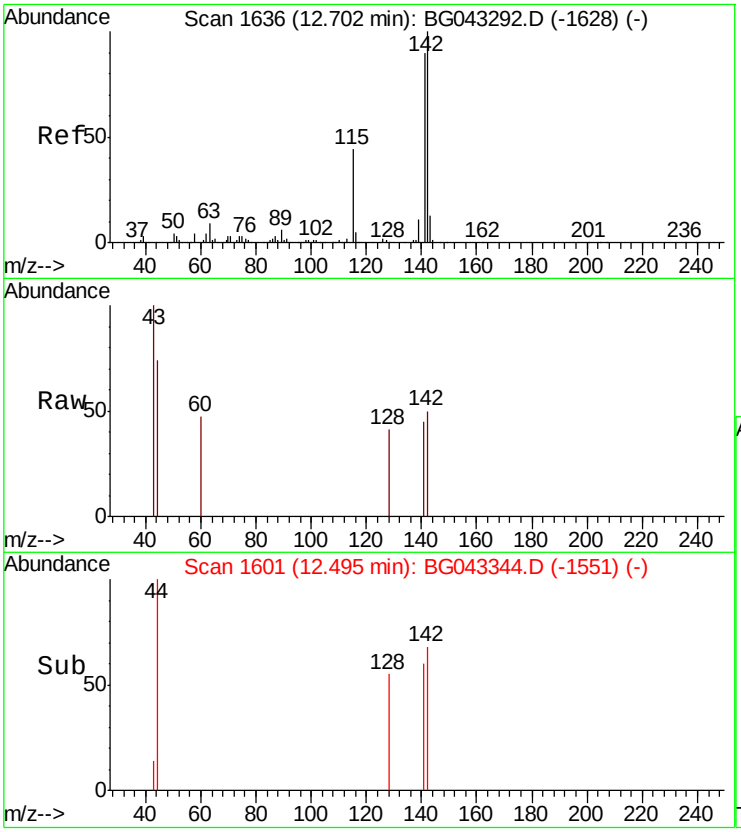


#37
2-Methylnaphthalene
Concen: 0.013 ng
RT: 12.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Tgt Ion:142 Resp: 67

Ion	Ratio	Lower	Upper
142	100		
141	89.0	69.7	104.5
115	0.0	30.6	46.0#



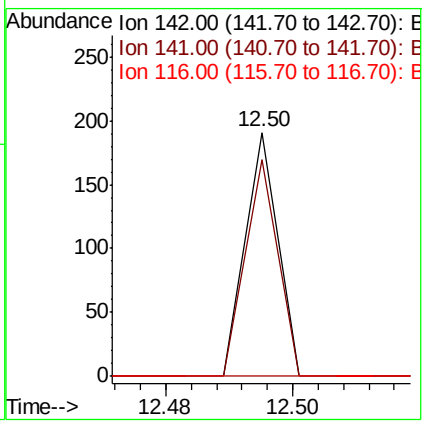


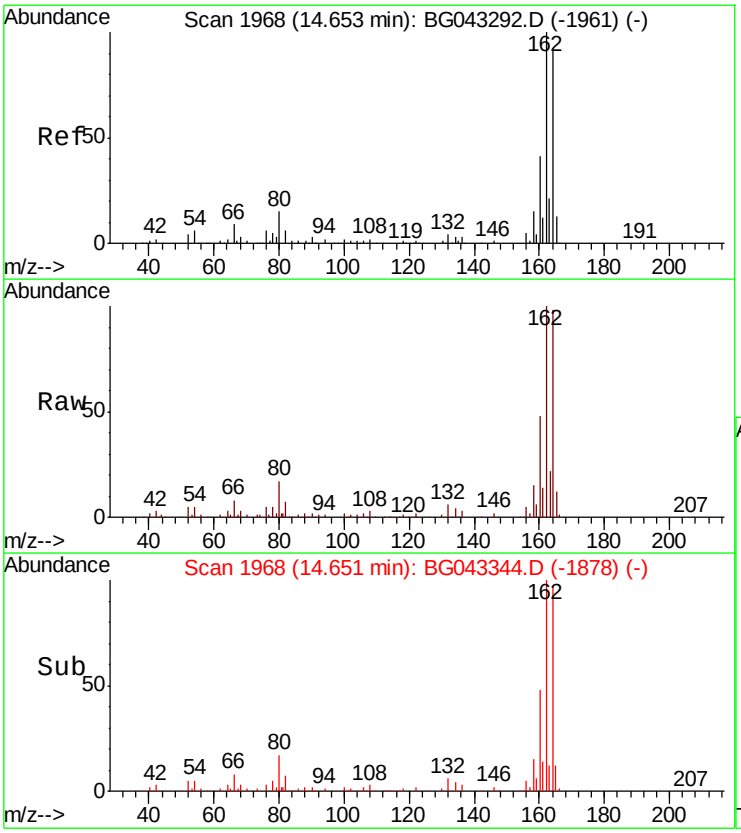
#38
1-Methylnaphthalene
Concen: 0.014 ng
RT: 12.50 min Scan# 1601
Delta R.T. -0.21 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Instrument :
BNA_G
ClientSampleId :
TR-05-102419

Tgt Ion:142 Resp: 67

Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.3	108.5
116	0.0	3.8	5.6#

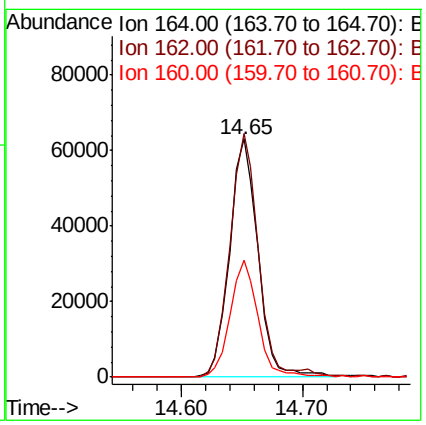


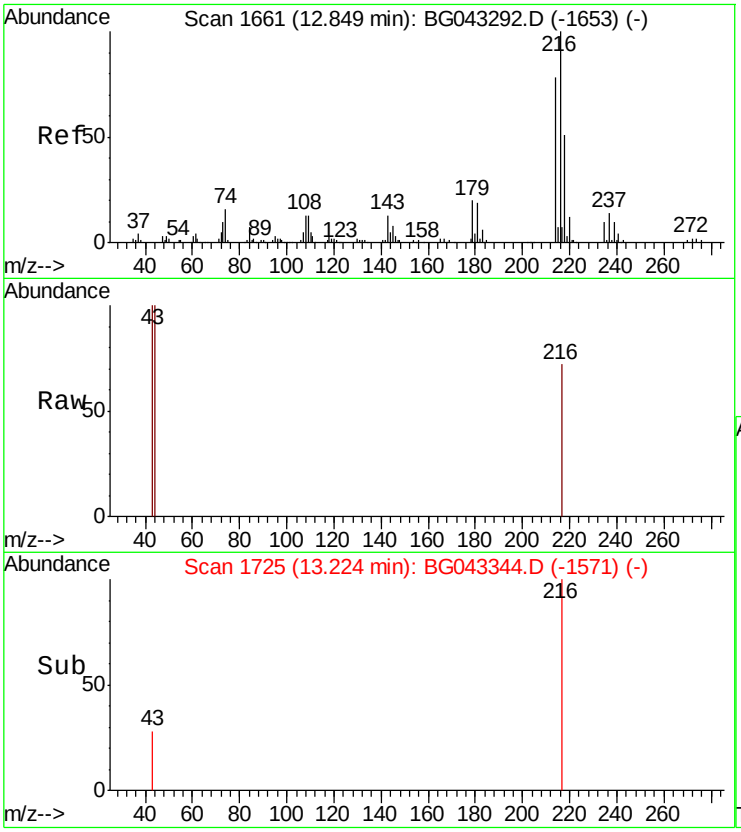


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Tgt Ion:164 Resp: 103452

Ion	Ratio	Lower	Upper
164	100		
162	102.3	87.0	130.4
160	48.9	35.5	53.3



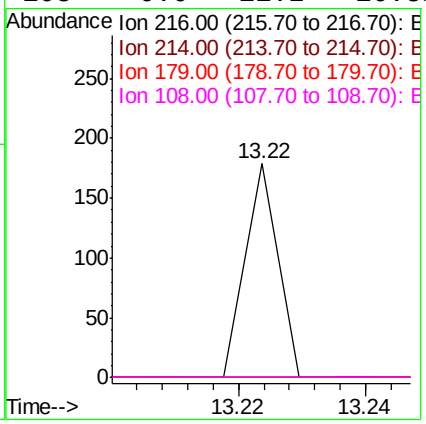


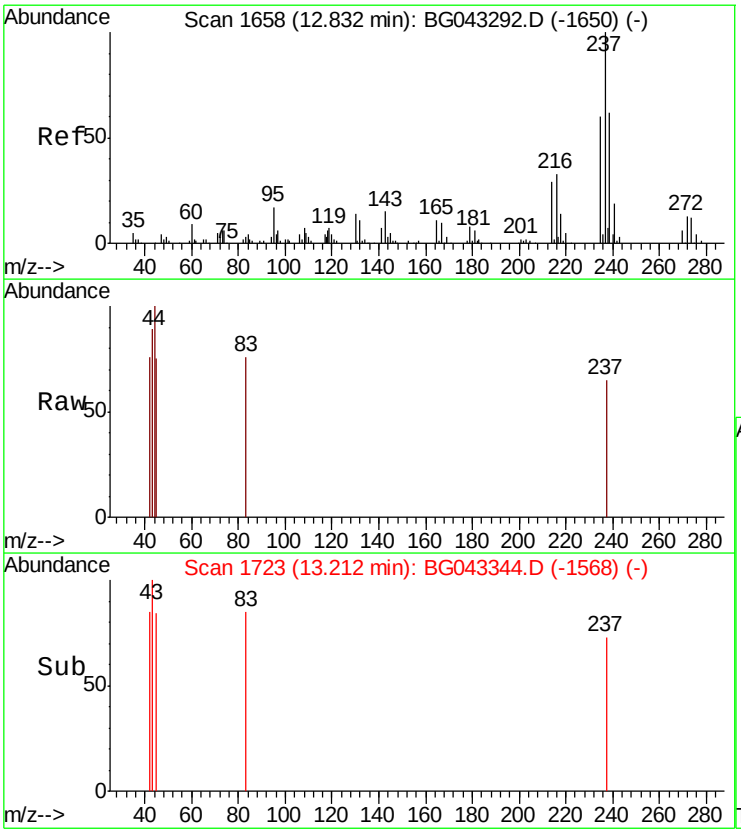
#40
1,2,4,5-Tetrachlorobenzene
Concen: 0.016 ng
RT: 13.22 min Scan# 1725
Delta R.T. 0.37 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Instrument :
BNA_G
ClientSampleId :
TR-05-102419

Tgt Ion:216 Resp: 63

Ion	Ratio	Lower	Upper
216	100		
214	0.0	63.5	95.3#
179	0.0	16.2	24.2#
108	0.0	11.2	16.8#

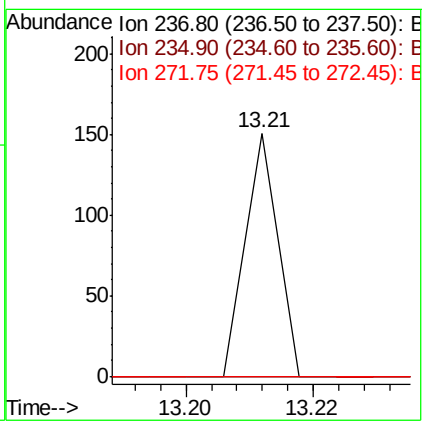


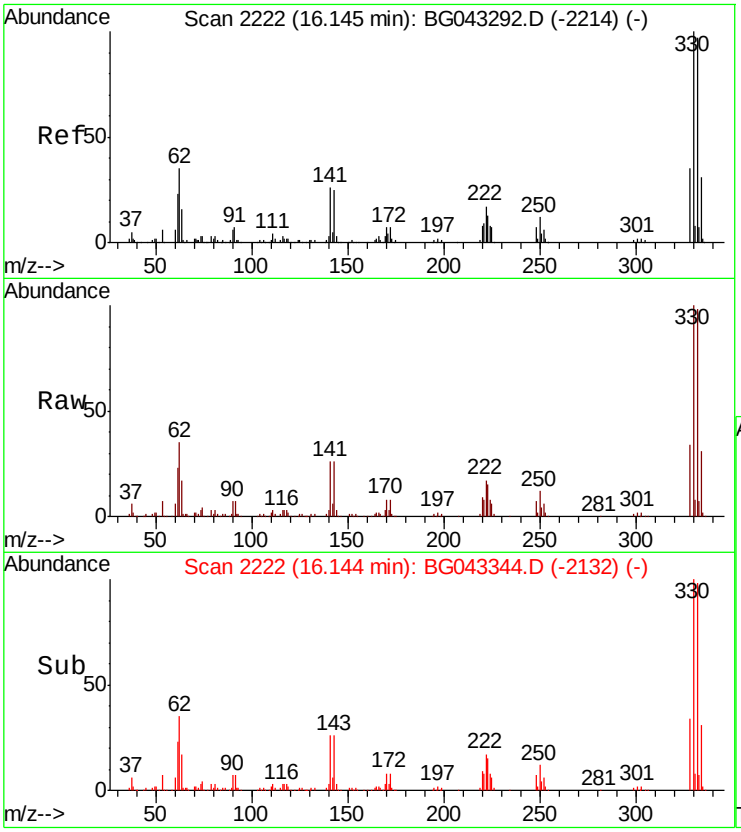


#41
Hexachlorocyclopentadiene
Concen: 0.026 ng
RT: 13.21 min Scan# 1723
Delta R.T. 0.38 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Tgt Ion:237 Resp: 53

Ion	Ratio	Lower	Upper
237	100		
235	0.0	40.3	80.3#
272	0.0	0.0	32.9



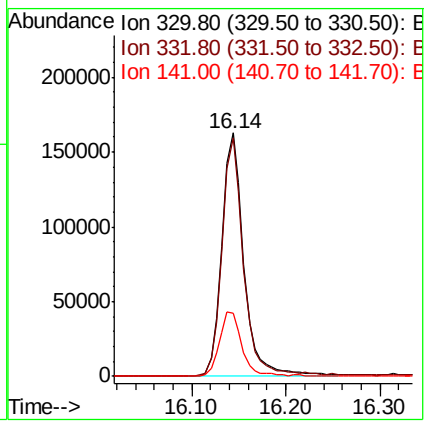


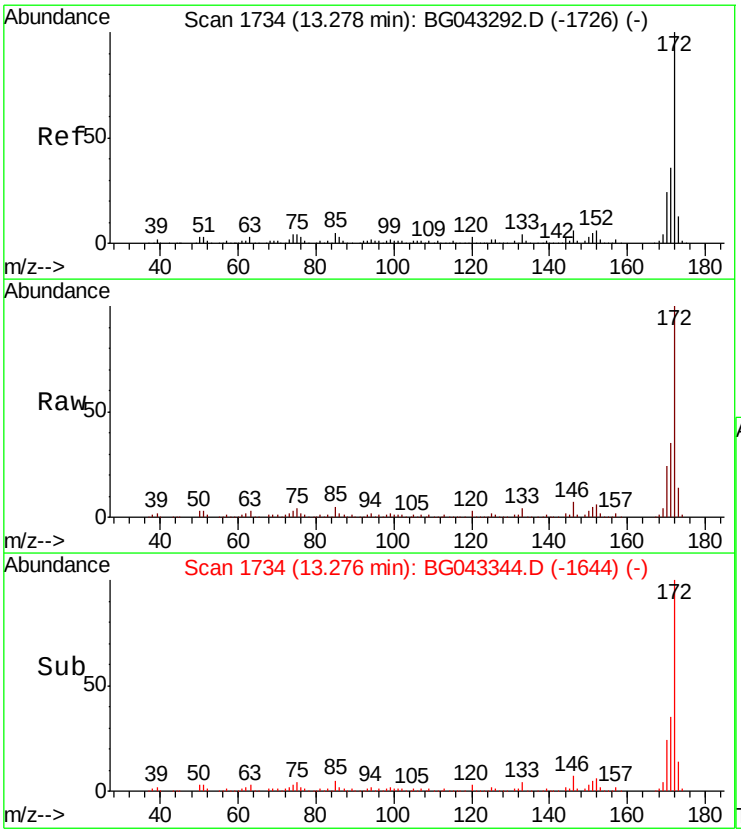
#42
2,4,6-Tribromophenol
Concen: 136.109 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Instrument :
BNA_G
ClientSampleId :
TR-05-102419

Tgt Ion:330 Resp: 267958

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.4	114.6
141	26.9	21.4	32.0

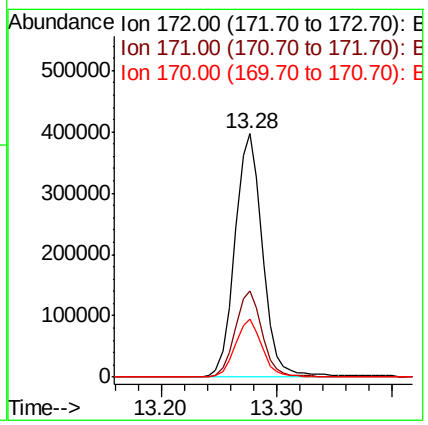


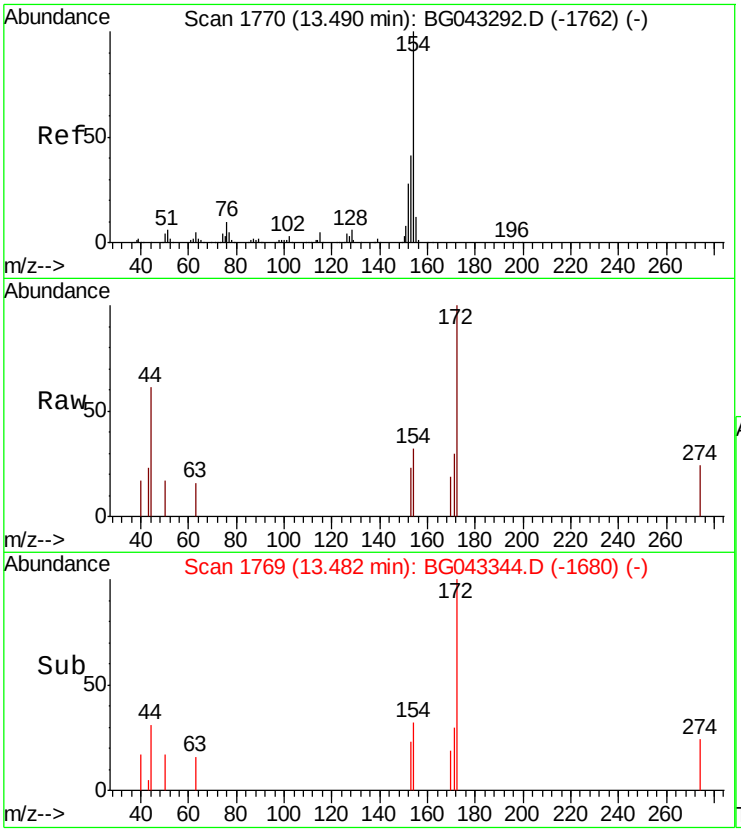


#45
2-Fluorobiphenyl
Concen: 87.817 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Tgt Ion:172 Resp: 657462

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.8	18.8	28.2



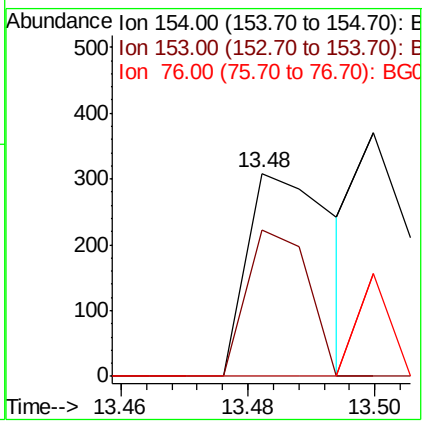


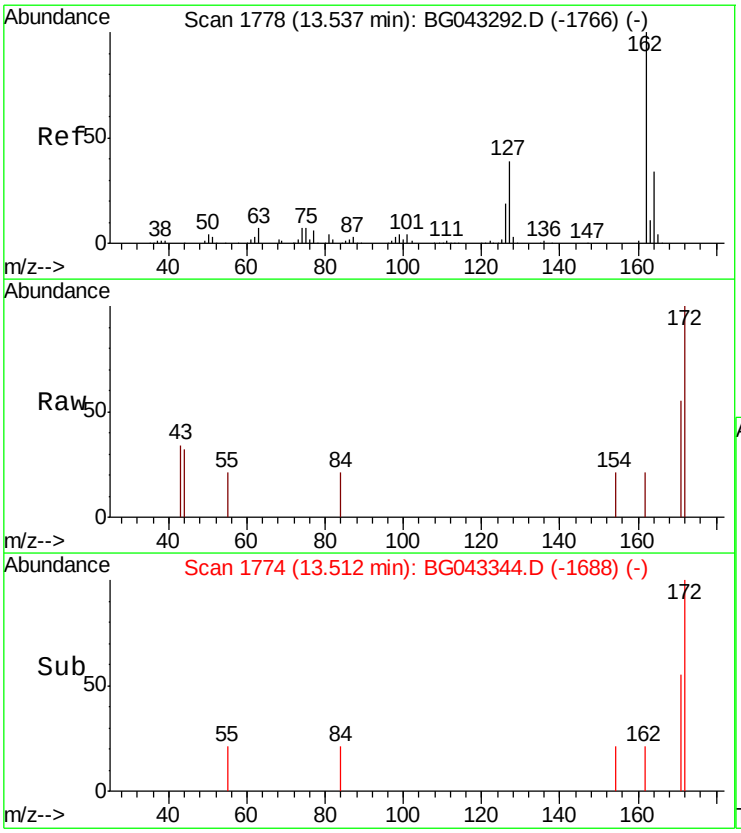
#46
1,1'-Biphenyl
Concen: 0.037 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Instrument :
BNA_G
ClientSampleId :
TR-05-102419

Tgt Ion:154 Resp: 294

Ion	Ratio	Lower	Upper
154	100		
153	72.4	21.0	61.0#
76	0.0	0.0	29.8

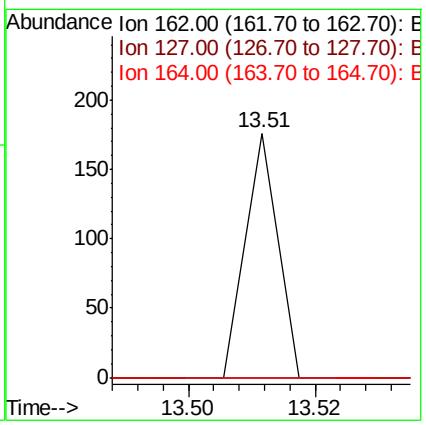


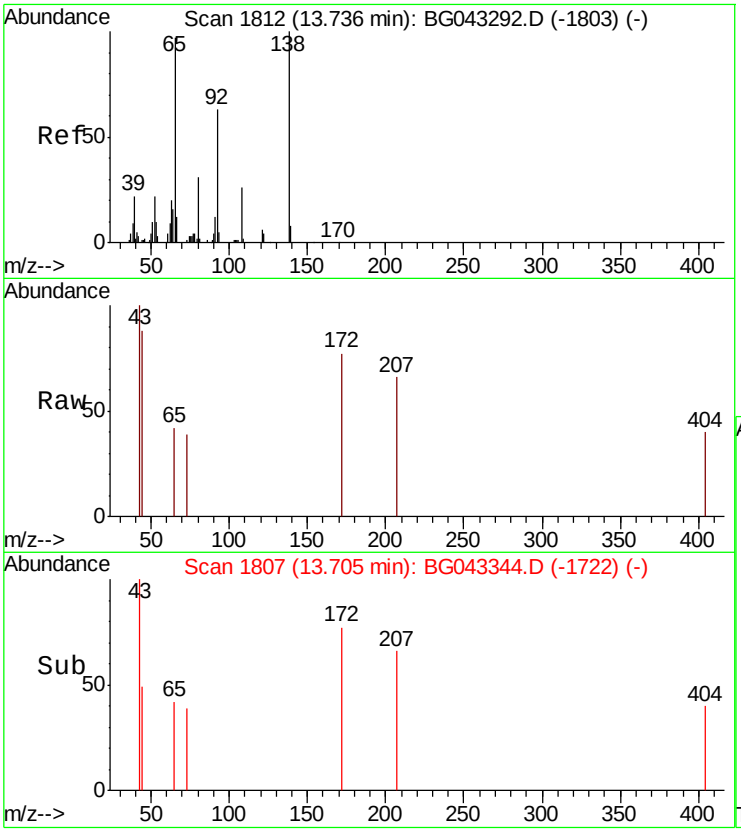


#47
2-Chloronaphthalene
Concen: 0.010 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.03 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Tgt Ion:162 Resp: 62

Ion	Ratio	Lower	Upper
162	100		
127	0.0	31.3	46.9#
164	0.0	26.8	40.2#



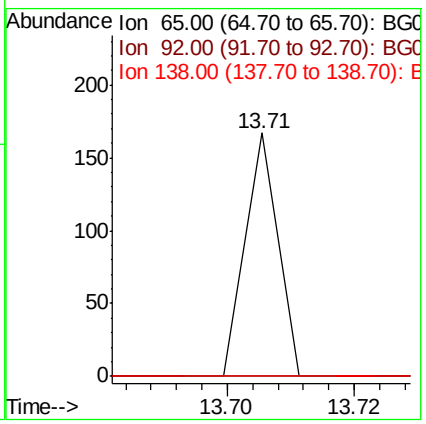


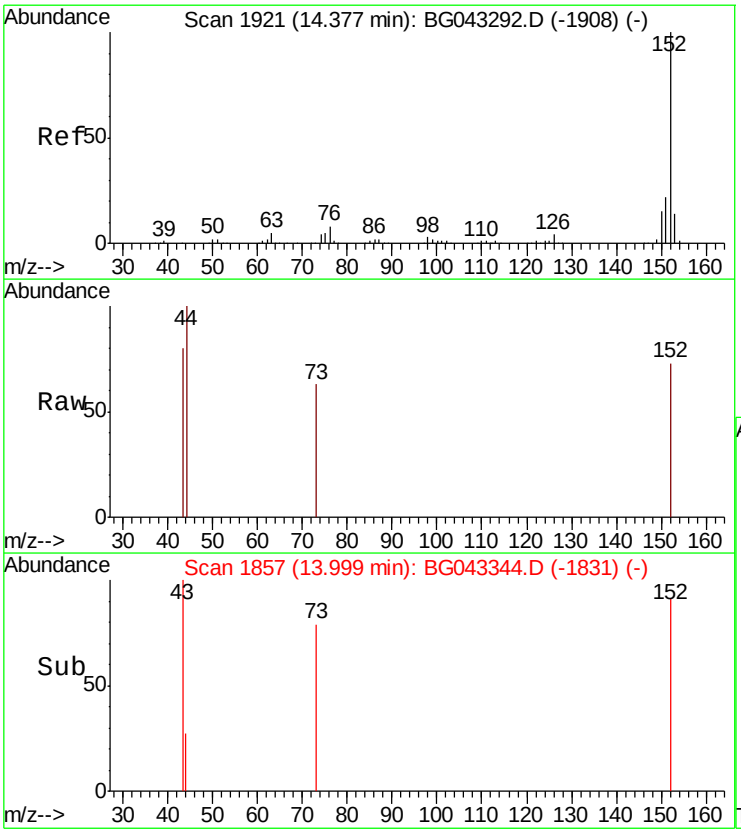
#48
2-Nitroaniline
Concen: 0.033 ng
RT: 13.71 min Scan# 1807
Delta R.T. -0.03 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Instrument :
BNA_G
ClientSampleId :
TR-05-102419

Tgt Ion: 65 Resp: 59

Ion	Ratio	Lower	Upper
65	100		
92	0.0	52.6	79.0#
138	0.0	82.9	124.3#

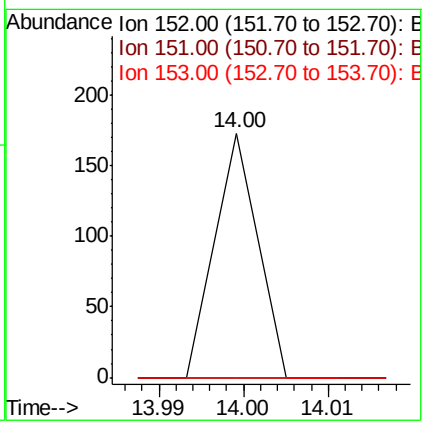


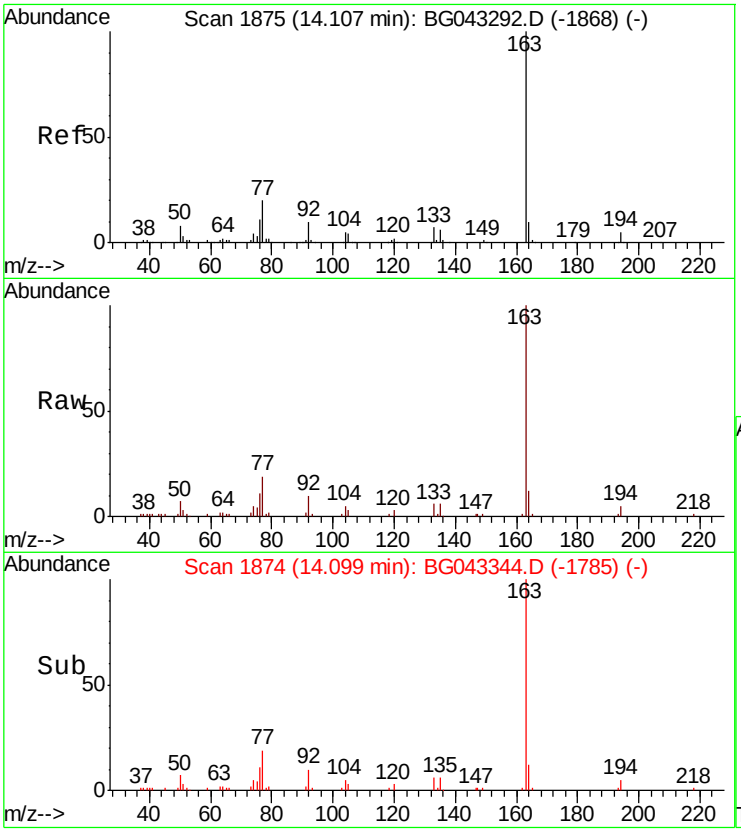


#49
Acenaphthylene
Concen: 0.007 ng
RT: 14.00 min Scan# 1857
Delta R.T. -0.38 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Tgt Ion:152 Resp: 61

Ion	Ratio	Lower	Upper
152	100		
151	0.0	17.2	25.8#
153	0.0	11.0	16.6#



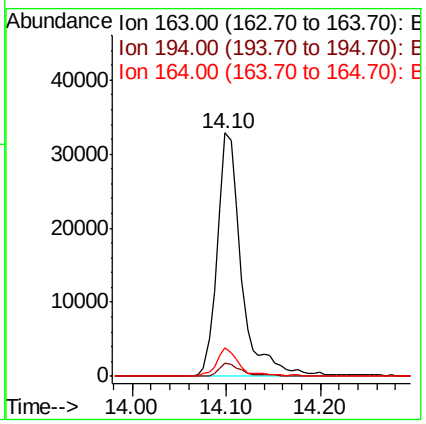


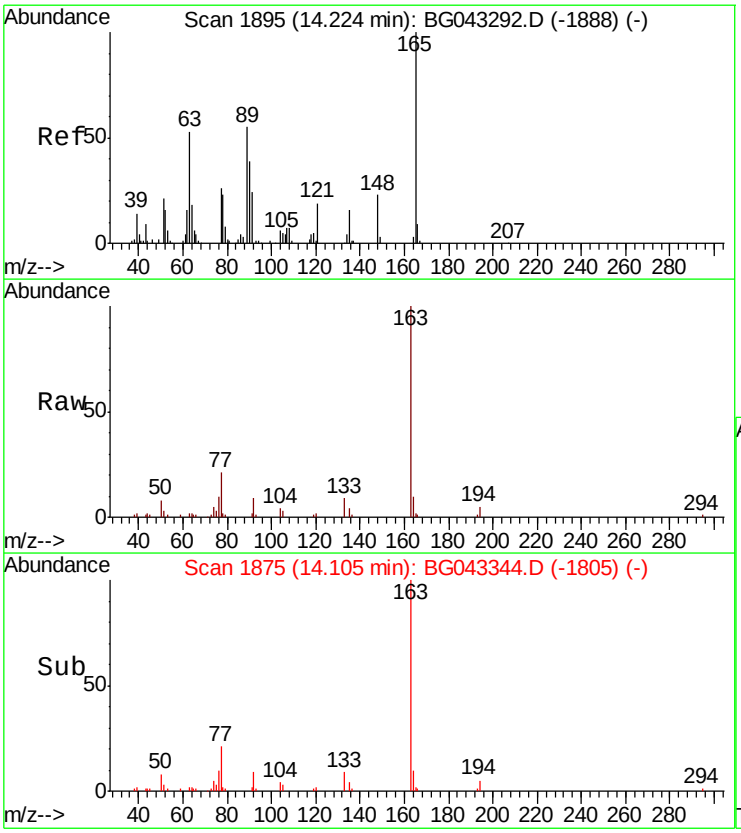
#50
Dimethylphthalate
Concen: 7.396 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Instrument :
BNA_G
ClientSampleId :
TR-05-102419

Tgt Ion:163 Resp: 59266

Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.7	5.5
164	11.8	8.1	12.1

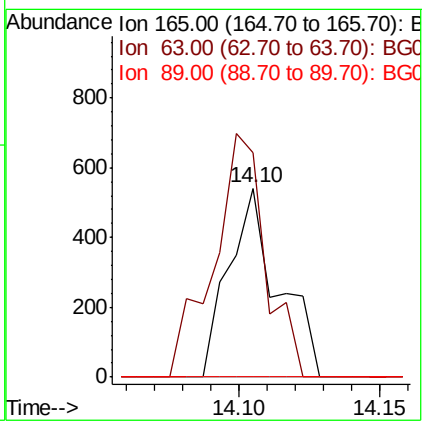


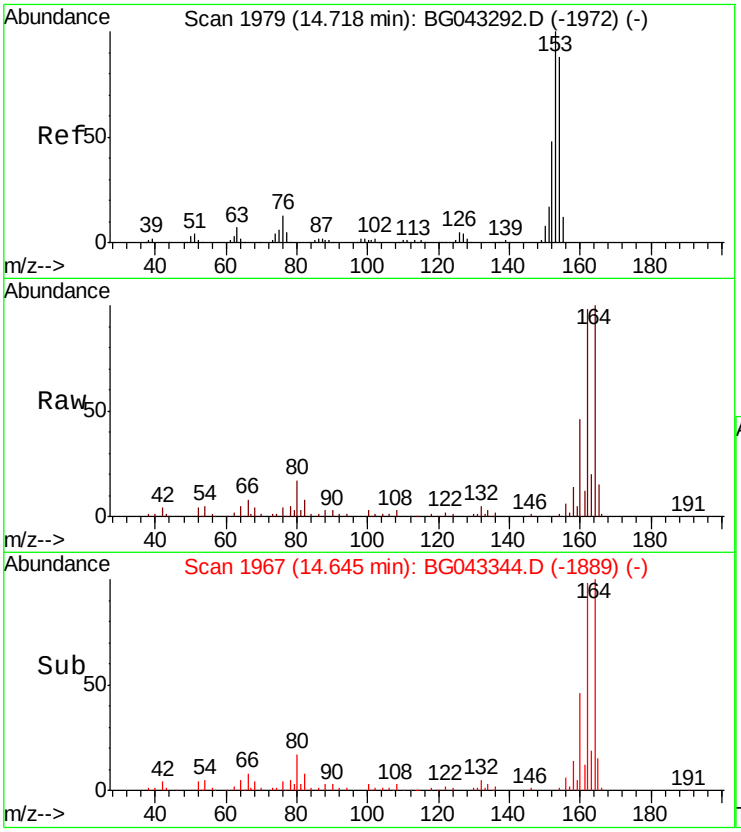


#51
2,6-Dinitrotoluene
Concen: 0.377 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.12 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Tgt Ion:165 Resp: 657

Ion	Ratio	Lower	Upper
165	100		
63	118.5	47.1	70.7#
89	0.0	43.7	65.5#



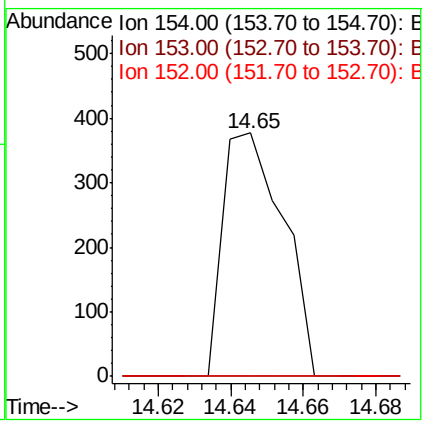


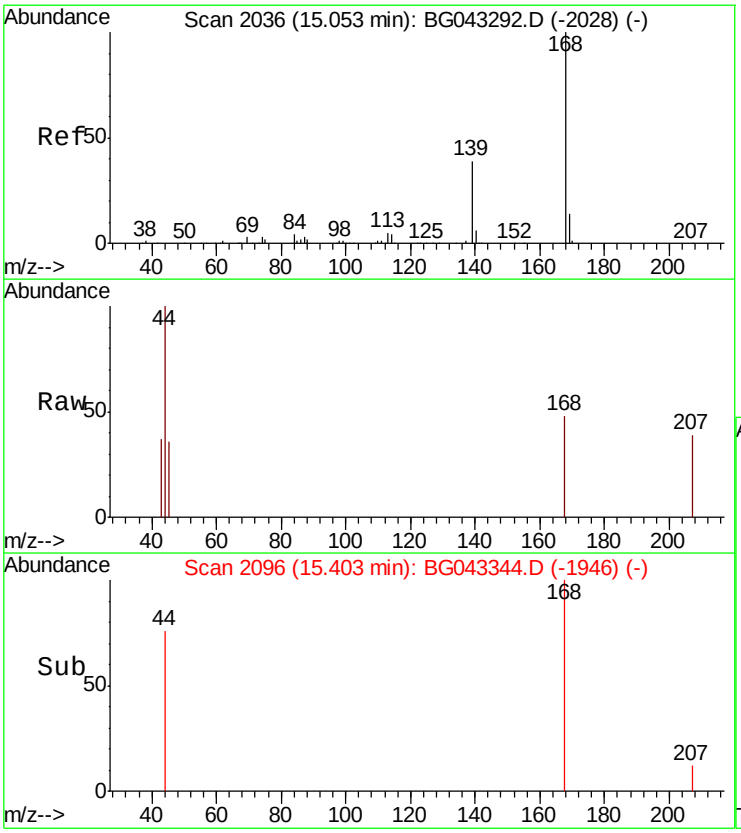
#52
Acenaphthene
Concen: 0.077 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.07 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Instrument :
BNA_G
ClientSampleId :
TR-05-102419

Tgt Ion:154 Resp: 435

Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.9	136.3#
152	0.0	43.9	65.9#

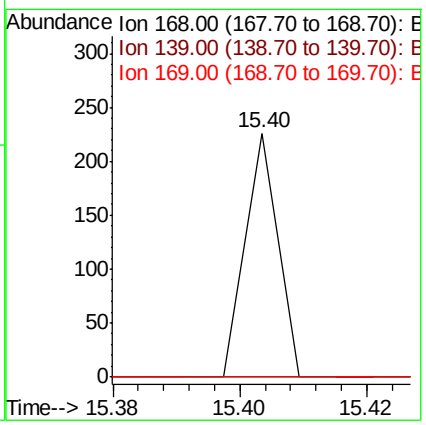


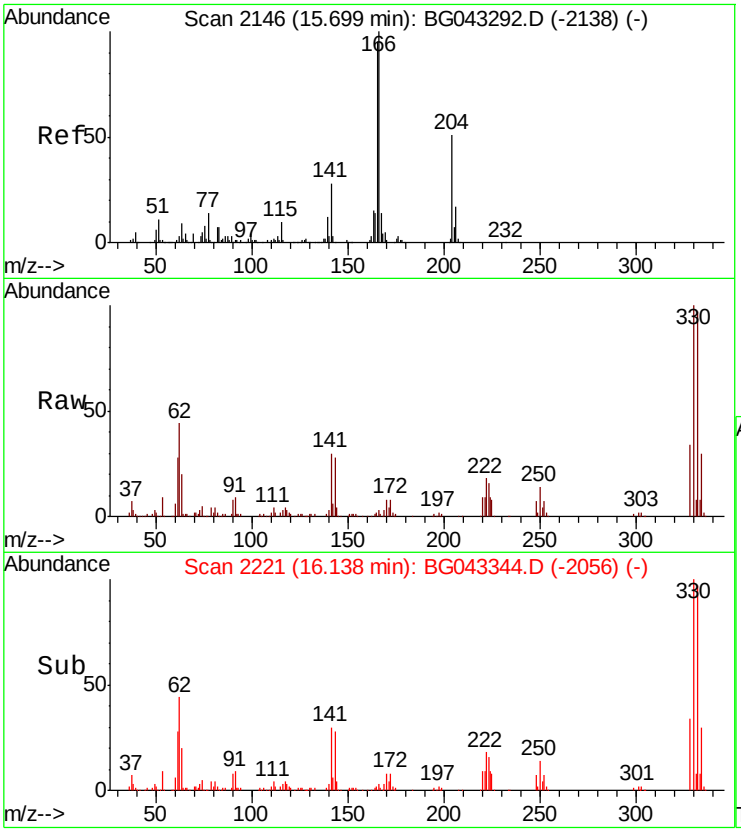


#55
Dibenzofuran
Concen: 0.009 ng
RT: 15.40 min Scan# 2096
Delta R.T. 0.35 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Tgt Ion:168 Resp: 80

Ion	Ratio	Lower	Upper
168	100		
139	0.0	31.7	47.5#
169	0.0	11.0	16.4#



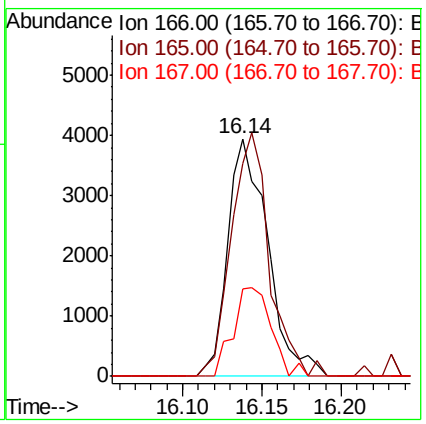


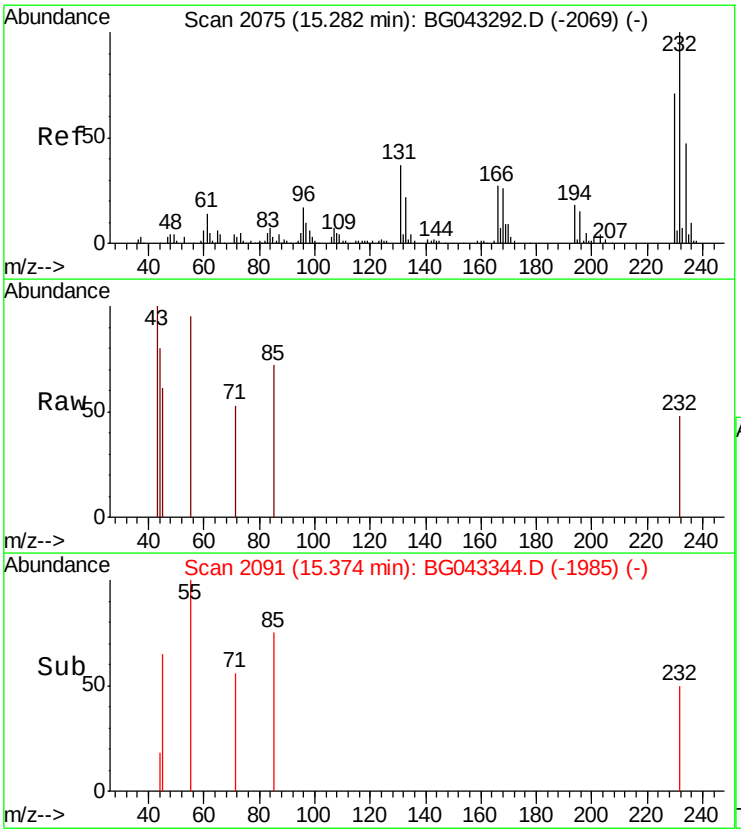
#58
Fluorene
Concen: 0.891 ng
RT: 16.14 min Scan# 2221
Delta R.T. 0.44 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Instrument :
BNA_G
ClientSampleId :
TR-05-102419

Tgt Ion:166 Resp: 6885

Ion	Ratio	Lower	Upper
166	100		
165	89.9	76.4	114.6
167	36.9	11.1	16.7#

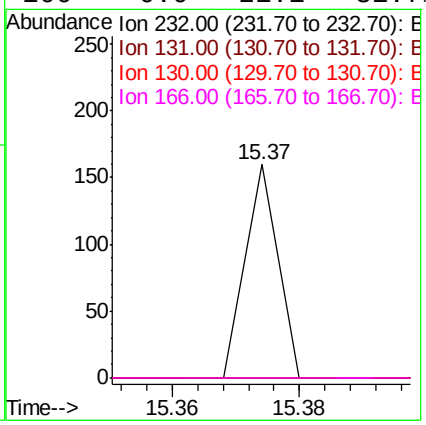


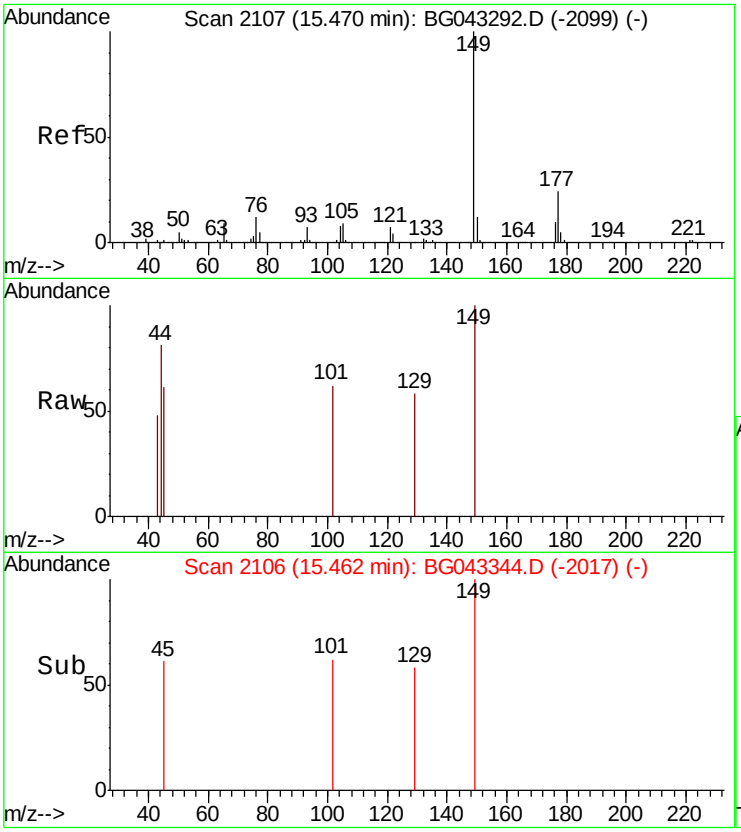


#59
2,3,4,6-Tetrachlorophenol
Concen: 0.023 ng
RT: 15.37 min Scan# 2091
Delta R.T. 0.09 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Tgt Ion:232 Resp: 56

Ion	Ratio	Lower	Upper
232	100		
131	0.0	28.7	43.1#
130	0.0	0.6	0.8#
166	0.0	21.1	31.7#



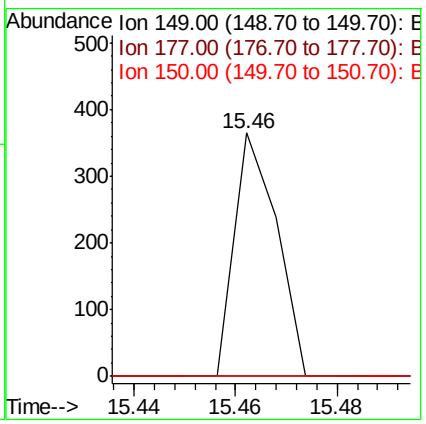


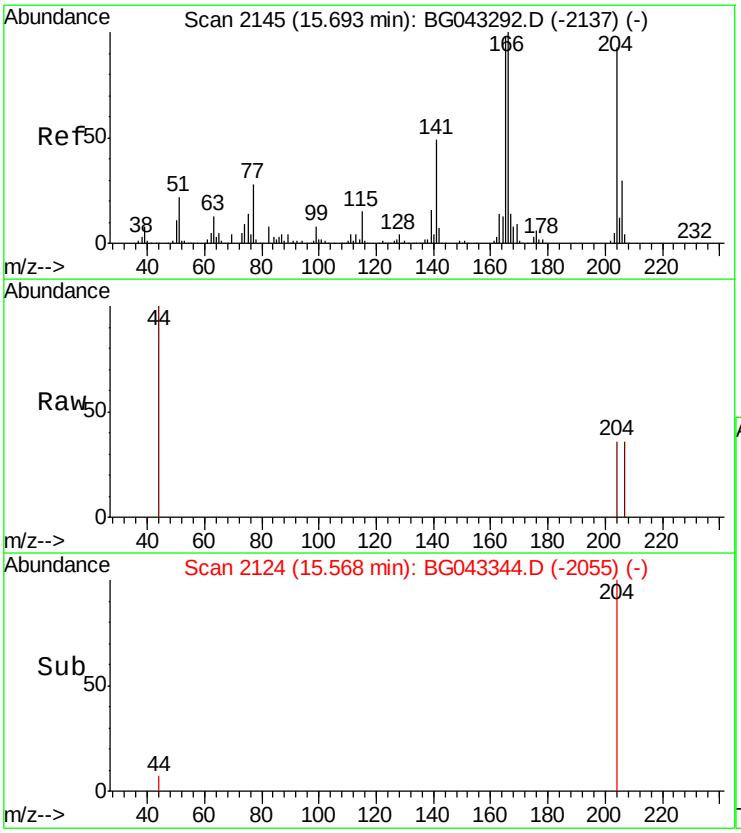
#60
Diethylphthalate
Concen: 0.026 ng
RT: 15.46 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Instrument :
BNA_G
ClientSampleId :
TR-05-102419

Tgt Ion:149 Resp: 213

Ion	Ratio	Lower	Upper
149	100		
177	0.0	19.0	28.4#
150	0.0	9.4	14.0#

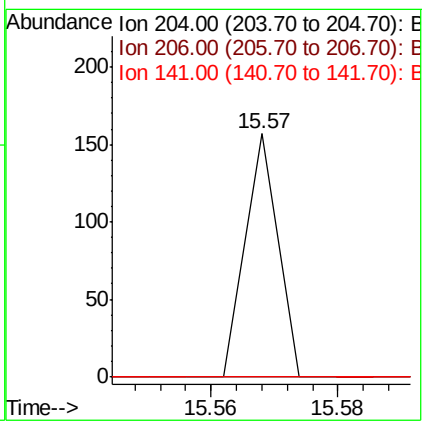


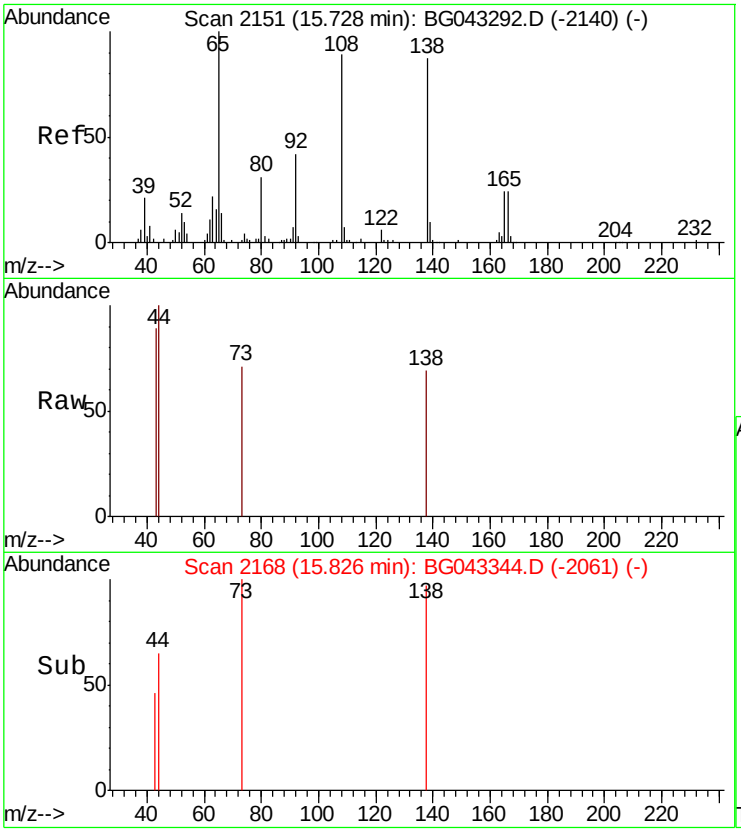


#61
4-Chlorophenyl-phenylether
Concen: 0.012 ng
RT: 15.57 min Scan# 2124
Delta R.T. -0.13 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Tgt Ion:204 Resp: 55

Ion	Ratio	Lower	Upper
204	100		
206	0.0	25.7	38.5#
141	0.0	42.3	63.5#



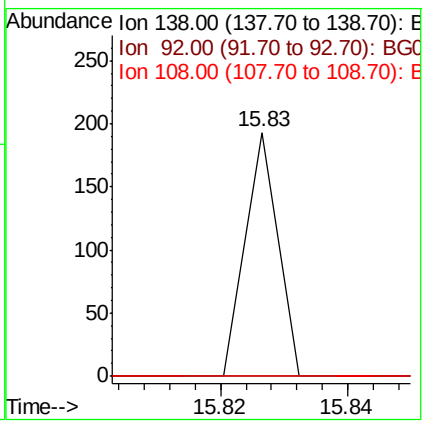


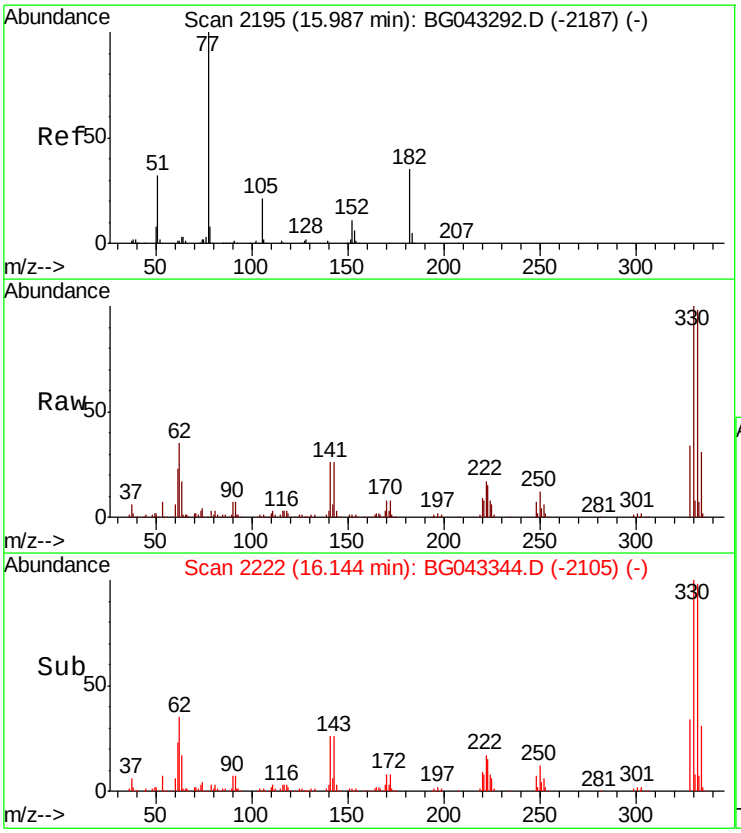
#62
4-Nitroaniline
Concen: 0.039 ng
RT: 15.83 min Scan# 2168
Delta R.T. 0.10 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Instrument :
BNA_G
ClientSampleId :
TR-05-102419

Tgt Ion:138 Resp: 68

Ion	Ratio	Lower	Upper
138	100		
92	0.0	28.8	68.8#
108	0.0	82.7	122.7#

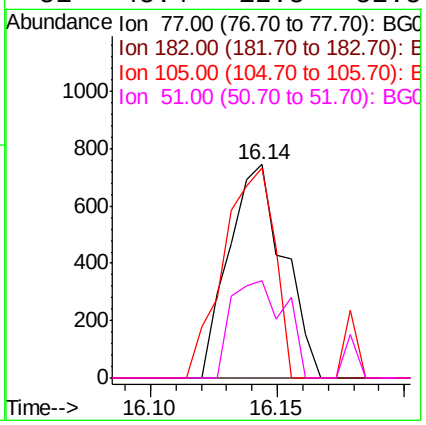


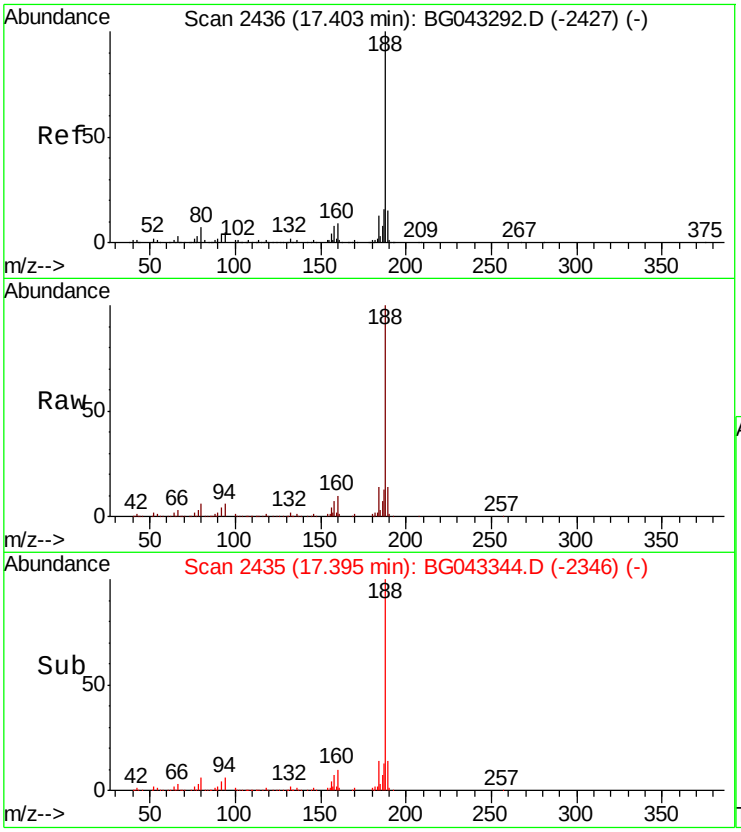


#63
Azobenzene
Concen: 0.173 ng
RT: 16.14 min Scan# 2222
Delta R.T. 0.16 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Tgt Ion: 77 Resp: 1126

Ion	Ratio	Lower	Upper
77	100		
182	0.0	14.9	54.9#
105	98.3	0.6	40.6#
51	45.4	12.5	52.5



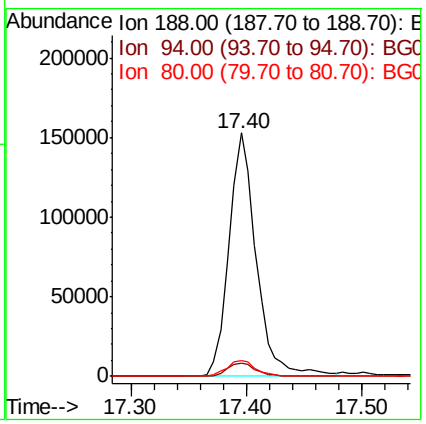


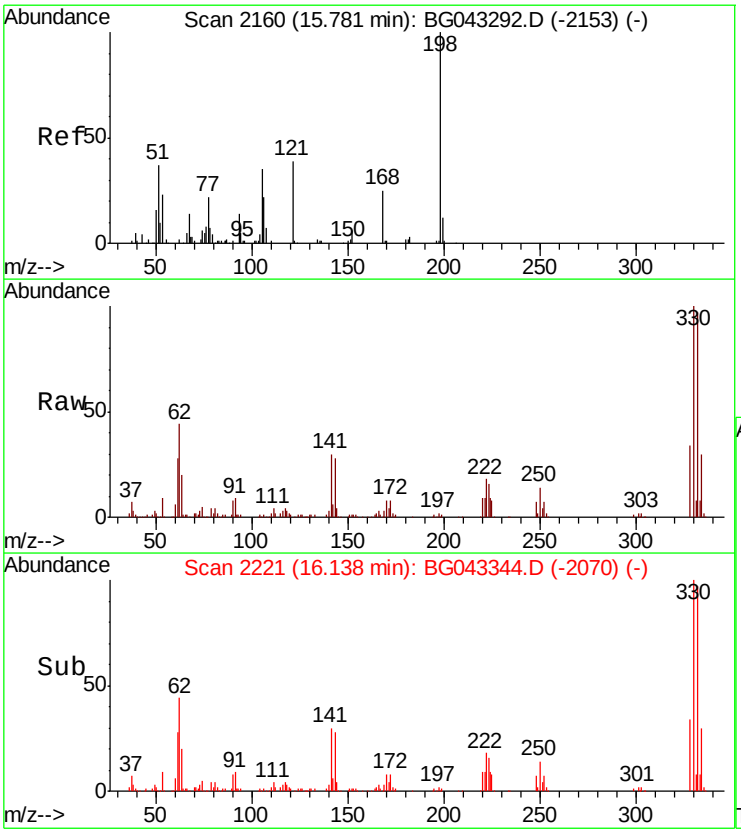
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Instrument :
BNA_G
ClientSampleId :
TR-05-102419

Tgt Ion:188 Resp: 250852

Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.2	6.2
80	6.4	5.2	7.8

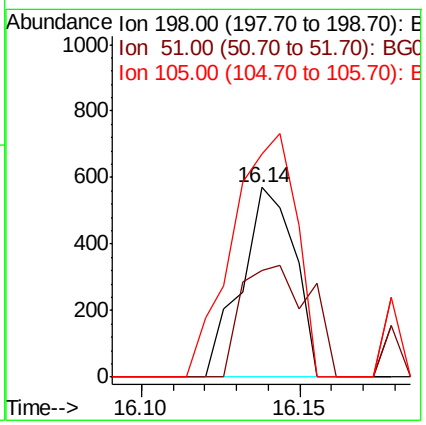


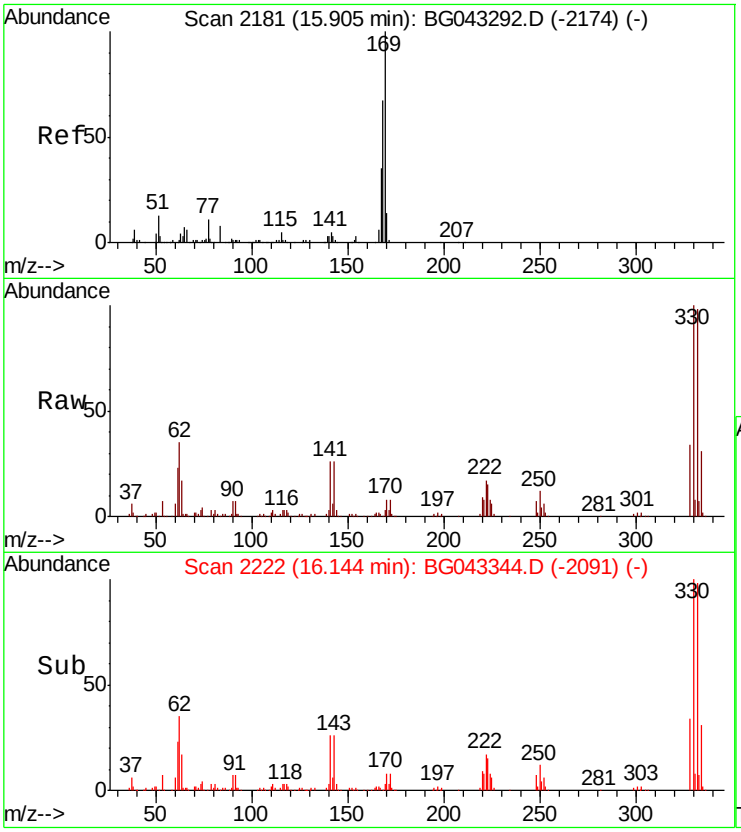


#65
4,6-Dinitro-2-methylphenol
Concen: 0.450 ng
RT: 16.14 min Scan# 2221
Delta R.T. 0.36 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Tgt Ion:198 Resp: 664

Ion	Ratio	Lower	Upper
198	100		
51	56.6	21.4	61.4
105	117.9	16.5	56.5#



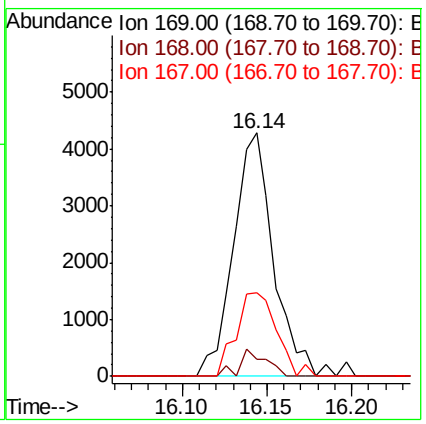


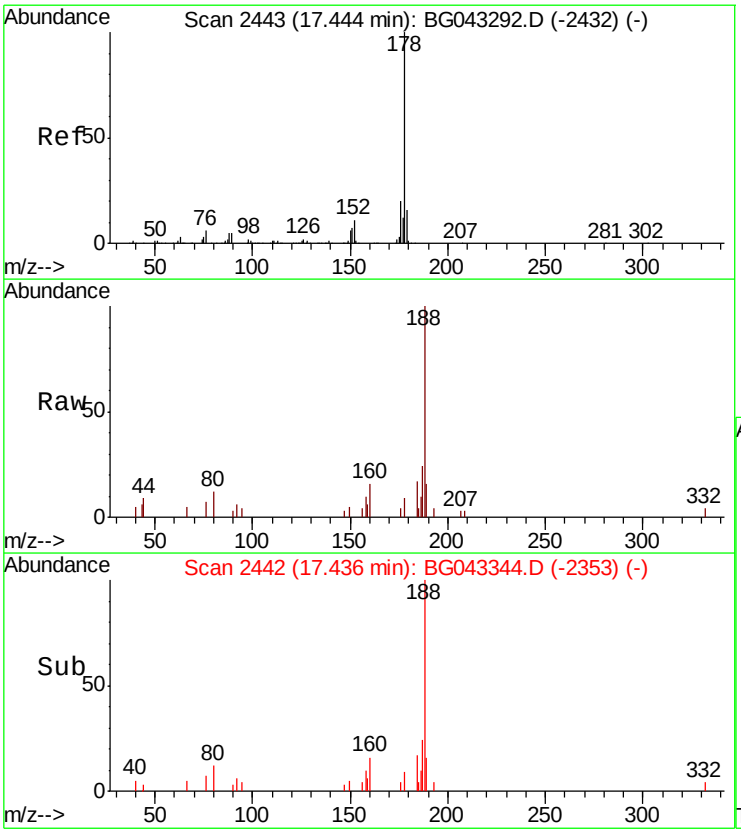
#66
n-Nitrosodiphenylamine
Concen: 0.996 ng
RT: 16.14 min Scan# 2222
Delta R.T. 0.24 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Instrument :
BNA_G
ClientSampleId :
TR-05-102419

Tgt Ion:169 Resp: 7056

Ion	Ratio	Lower	Upper
169	100		
168	7.1	53.9	80.9#
167	41.7	28.3	42.5

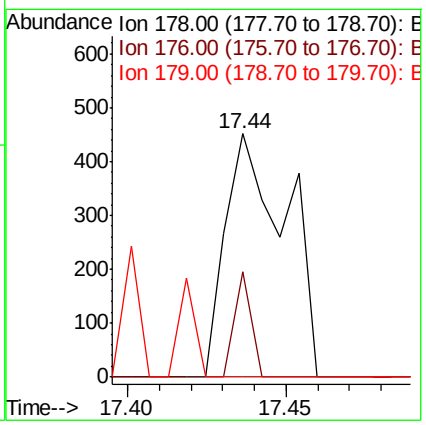


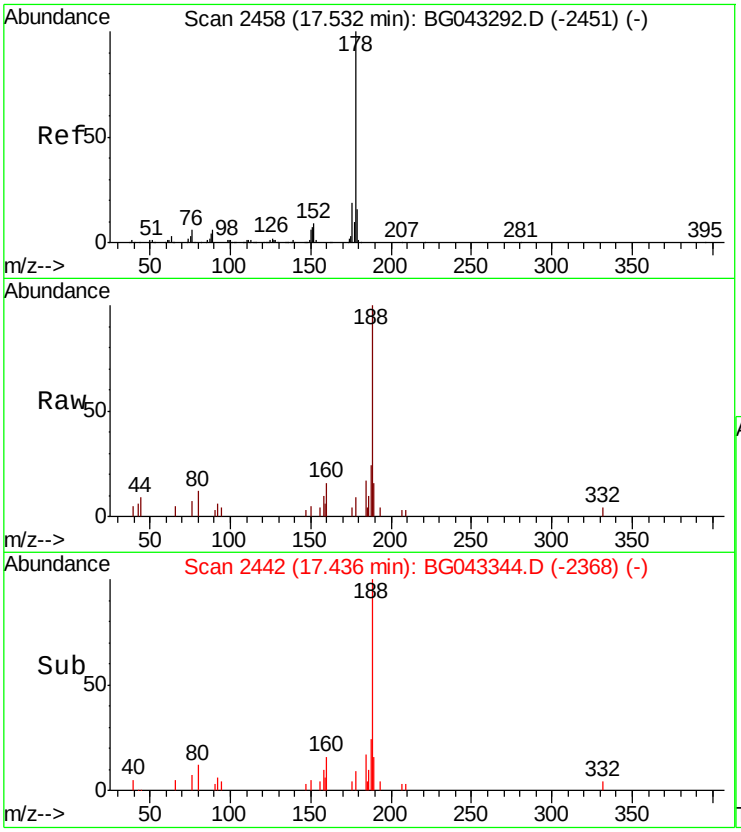


#71
Phenanthrene
Concen: 0.046 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Tgt Ion:178 Resp: 594

Ion	Ratio	Lower	Upper
178	100		
176	43.4	15.8	23.8#
179	0.0	13.1	19.7#



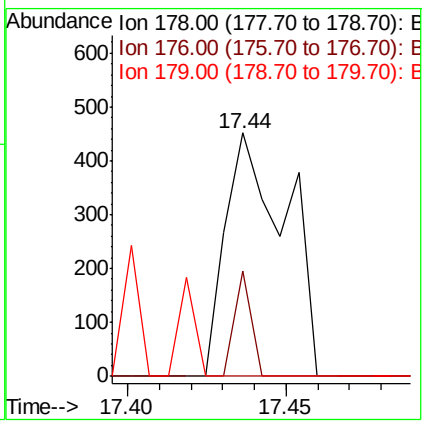


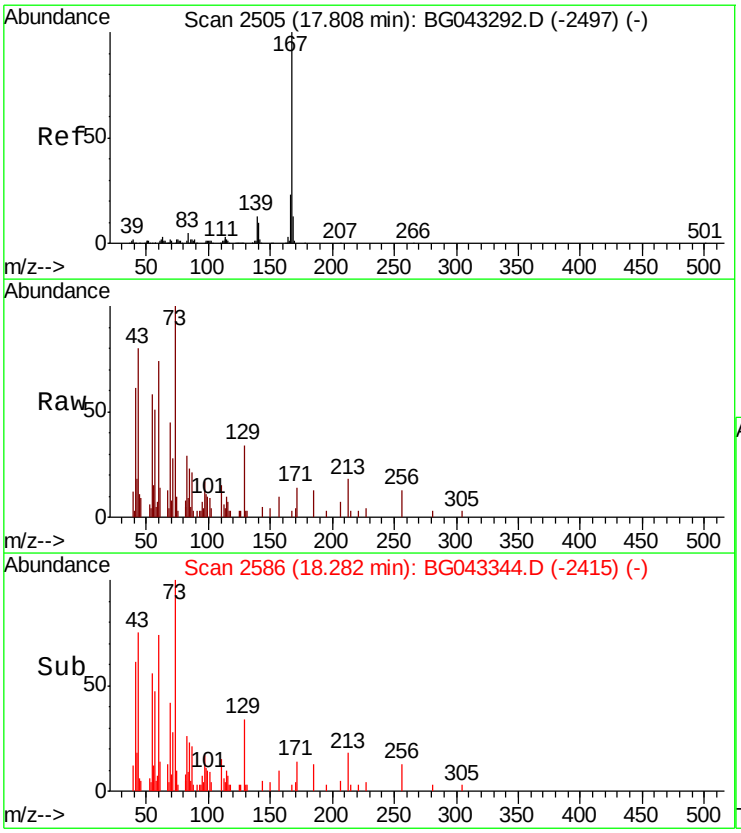
#72
Anthracene
Concen: 0.046 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.10 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Instrument :
BNA_G
ClientSampleId :
TR-05-102419

Tgt Ion:178 Resp: 594

Ion	Ratio	Lower	Upper
178	100		
176	43.4	15.1	22.7#
179	0.0	13.0	19.6#

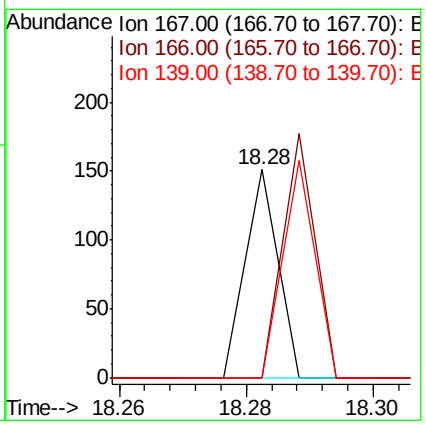


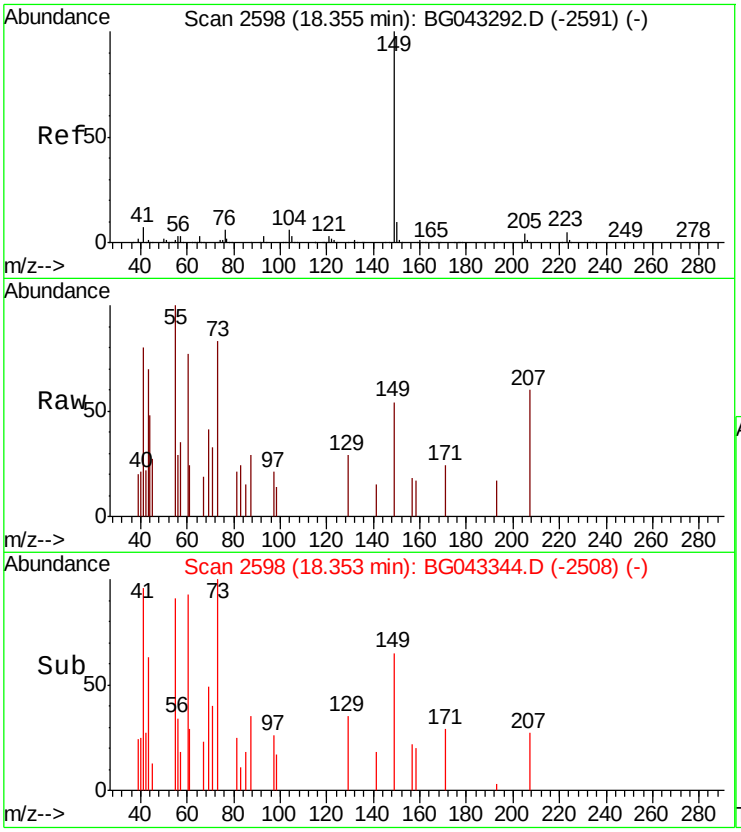


#73
Carbazole
Concen: 0.005 ng
RT: 18.28 min Scan# 2586
Delta R.T. 0.47 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Tgt Ion:167 Resp: 53

Ion	Ratio	Lower	Upper
167	100		
166	0.0	18.4	27.6#
139	0.0	10.2	15.4#



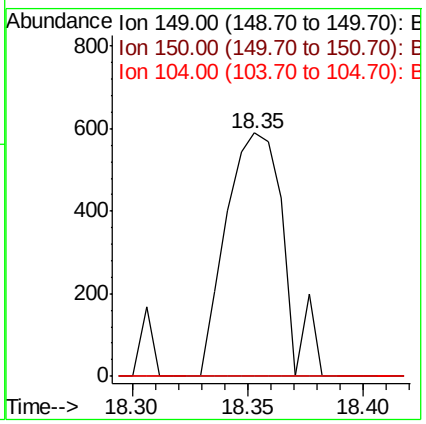


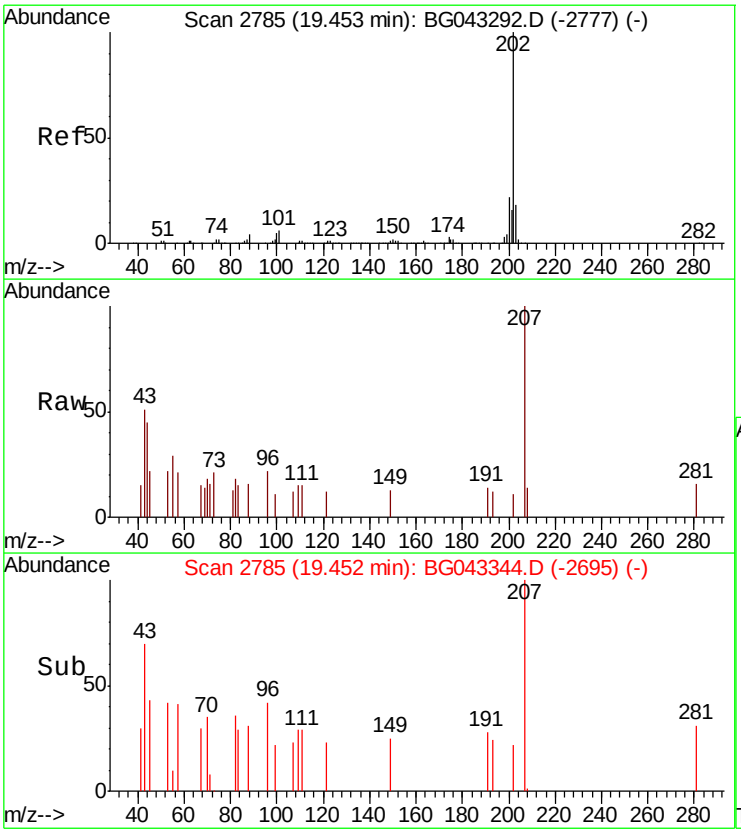
#74
Di-n-butylphthalate
Concen: 0.073 ng
RT: 18.35 min Scan# 2598
Delta R.T. -0.00 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Instrument :
BNA_G
ClientSampleId :
TR-05-102419

Tgt Ion:149 Resp: 1036

Ion	Ratio	Lower	Upper
149	100		
150	0.0	8.0	12.0#
104	0.0	4.7	7.1#

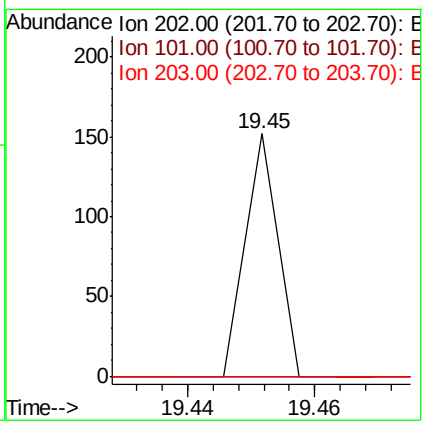


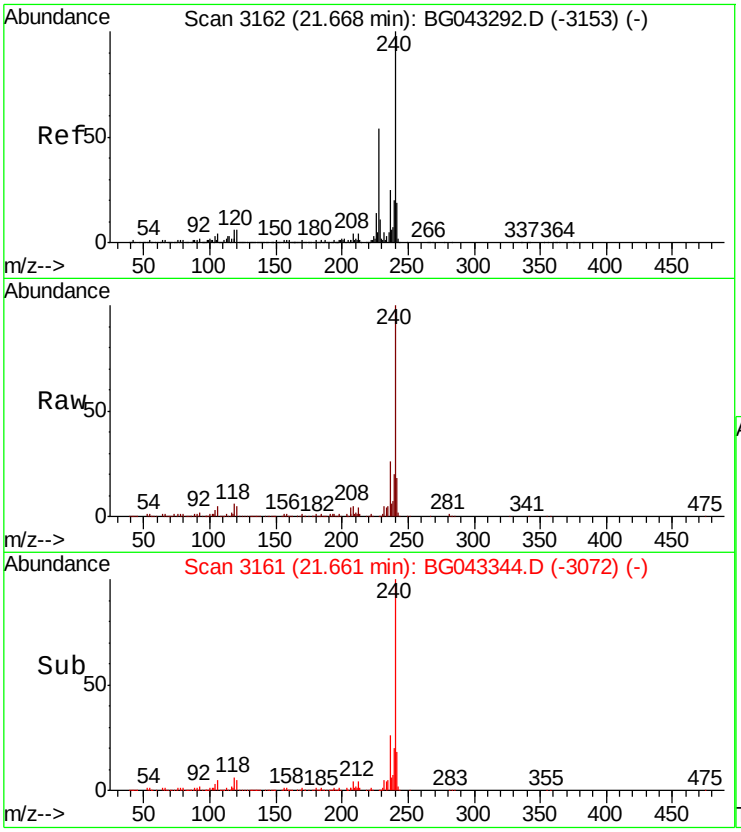


#75
Fluoranthene
Concen: 0.003 ng
RT: 19.45 min Scan# 2785
Delta R.T. -0.00 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Tgt Ion:202 Resp: 54

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	26.0
203	0.0	0.0	38.2



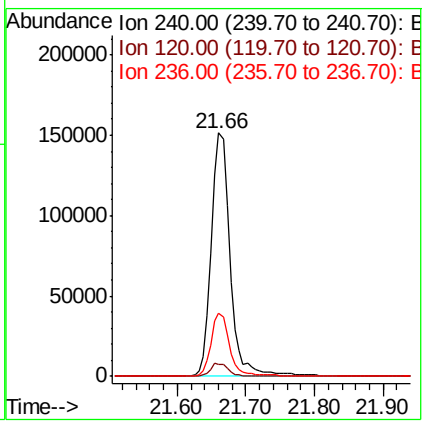


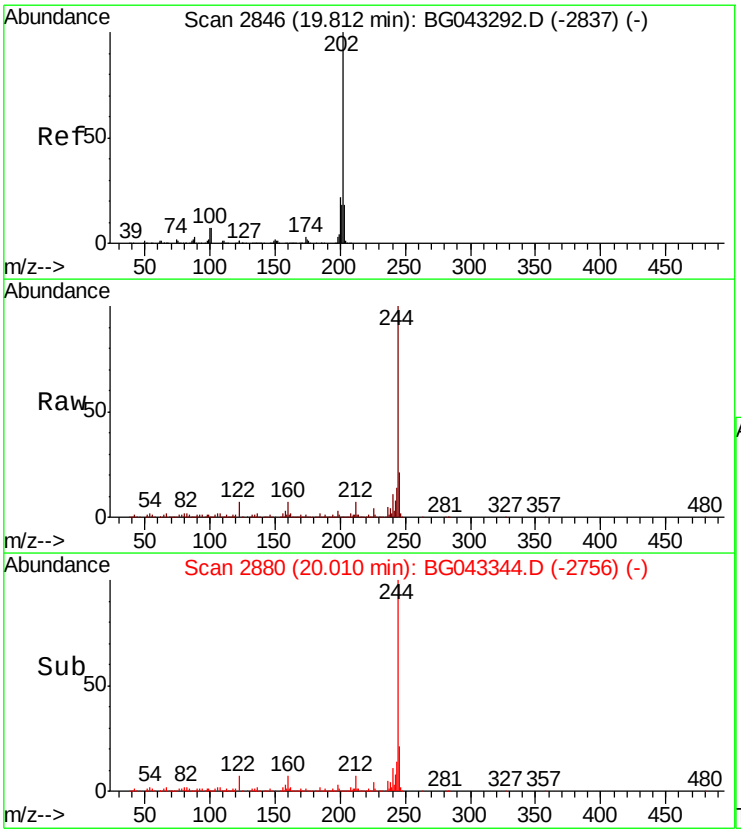
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Instrument :
BNA_G
ClientSampleId :
TR-05-102419

Tgt Ion:240 Resp: 288603

Ion	Ratio	Lower	Upper
240	100		
120	4.8	4.6	7.0
236	26.0	20.2	30.4

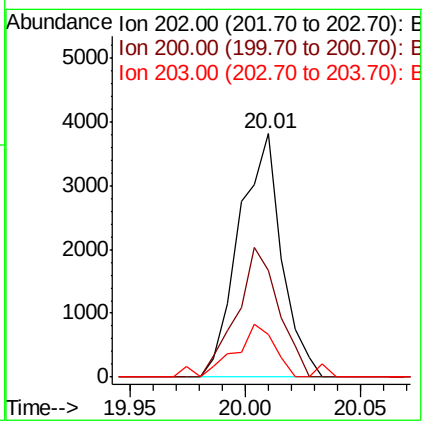


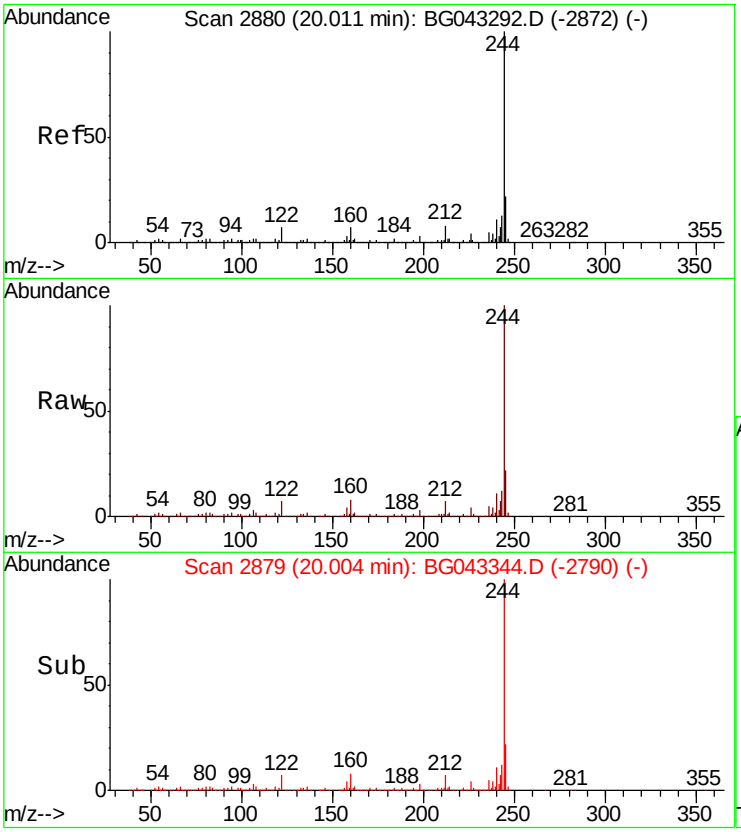


#78
Pyrene
Concen: 0.275 ng
RT: 20.01 min Scan# 2880
Delta R.T. 0.20 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Tgt Ion:202 Resp: 4919

Ion	Ratio	Lower	Upper
202	100		
200	43.8	17.3	25.9#
203	17.6	14.5	21.7



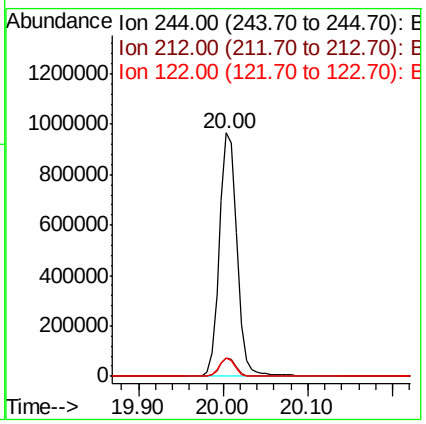


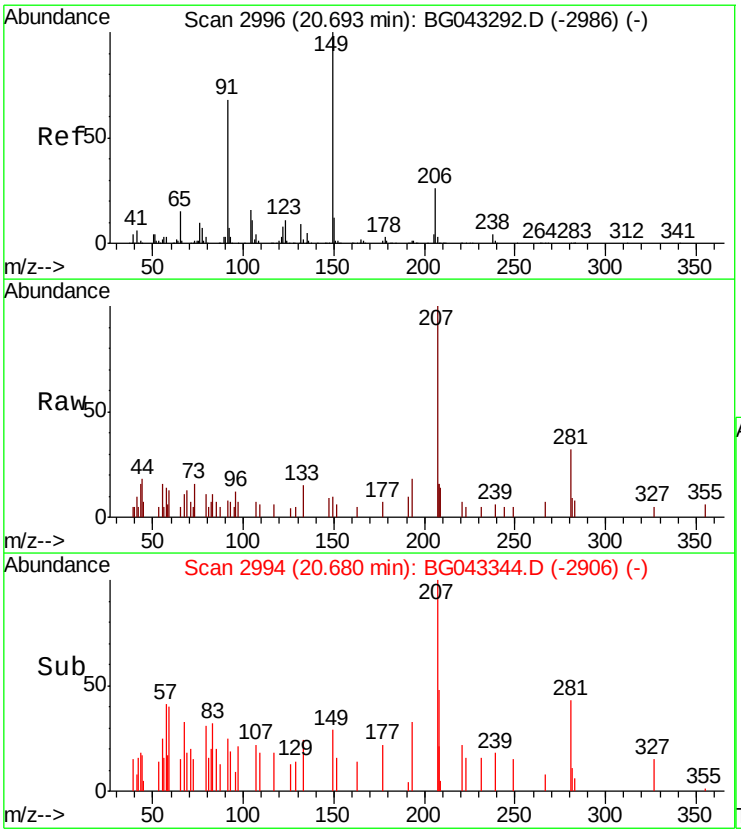
#79
Terphenyl-d14
Concen: 91.499 ng
RT: 20.00 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Instrument :
BNA_G
ClientSampleId :
TR-05-102419

Tgt Ion:244 Resp: 1407569

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.4	9.6
122	7.3	5.3	7.9

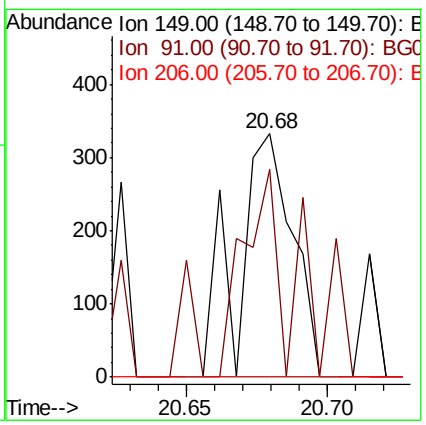


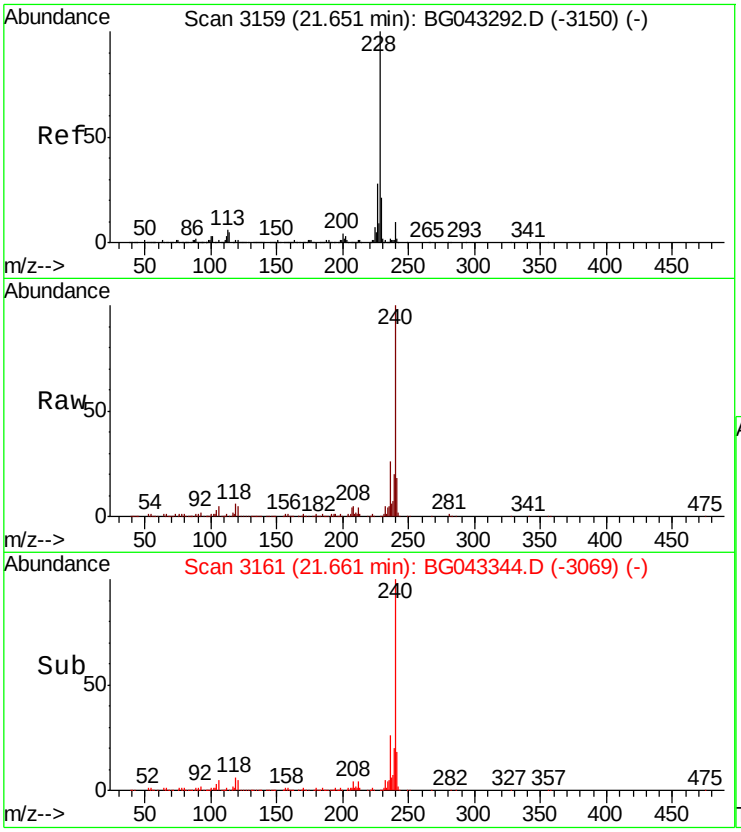


#80
Butylbenzylphthalate
Concen: 0.066 ng
RT: 20.68 min Scan# 2994
Delta R.T. -0.01 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Tgt Ion:149 Resp: 448

Ion	Ratio	Lower	Upper
149	100		
91	85.3	54.6	82.0#
206	0.0	20.5	30.7#



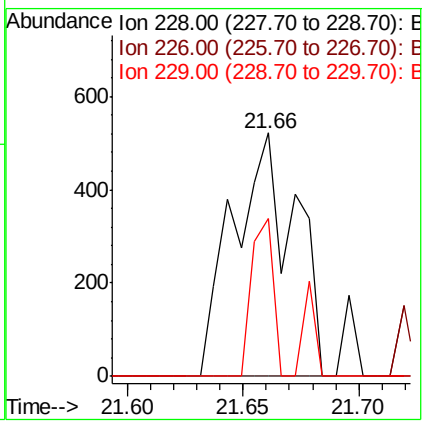


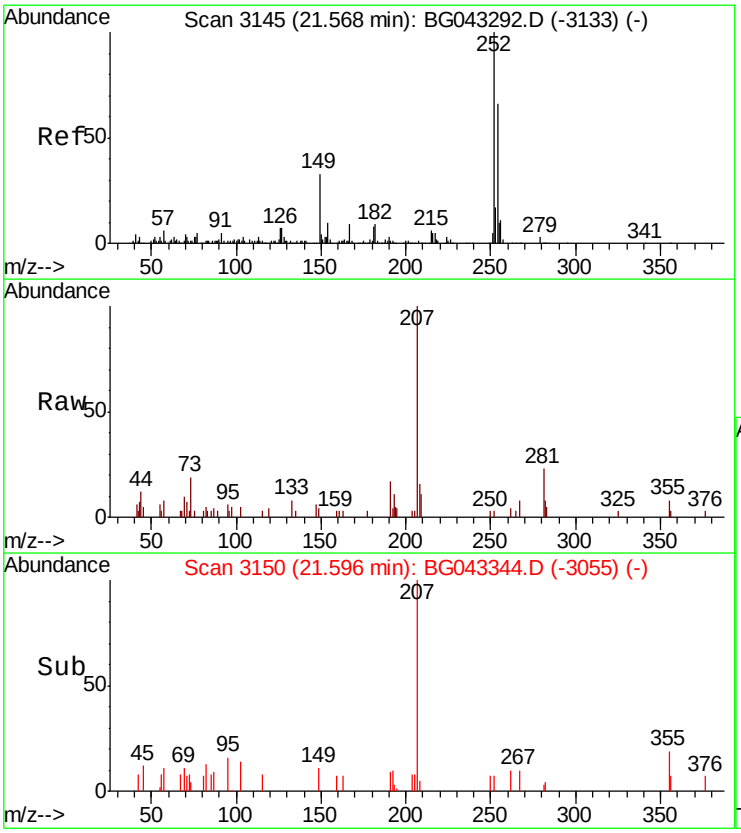
#81
Benzo(a)anthracene
Concen: 0.053 ng
RT: 21.66 min Scan# 3161
Delta R.T. 0.01 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Instrument :
BNA_G
ClientSampleId :
TR-05-102419

Tgt Ion:228 Resp: 964

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.2	33.4#
229	64.8	16.9	25.3#

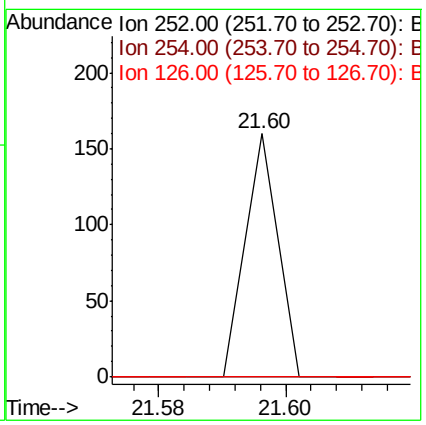


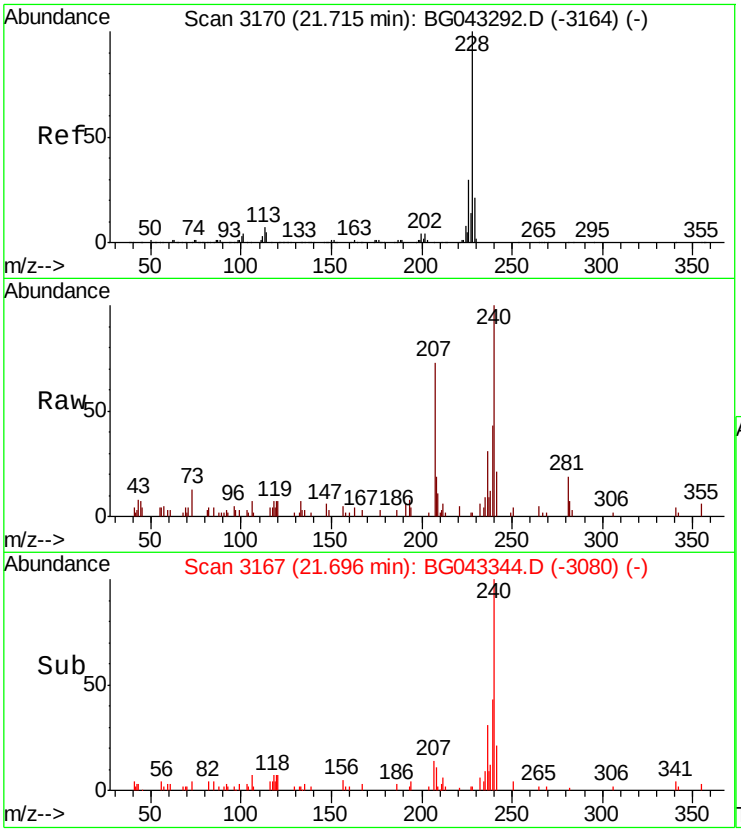


#82
3,3'-Dichlorobenzidine
Concen: 0.008 ng
RT: 21.60 min Scan# 3150
Delta R.T. 0.03 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Tgt Ion:252 Resp: 56

Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.7	79.1#
126	0.0	5.6	8.4#



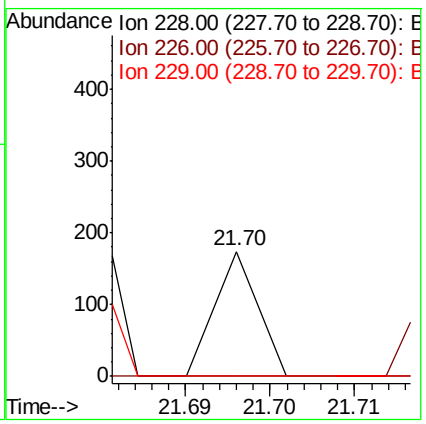


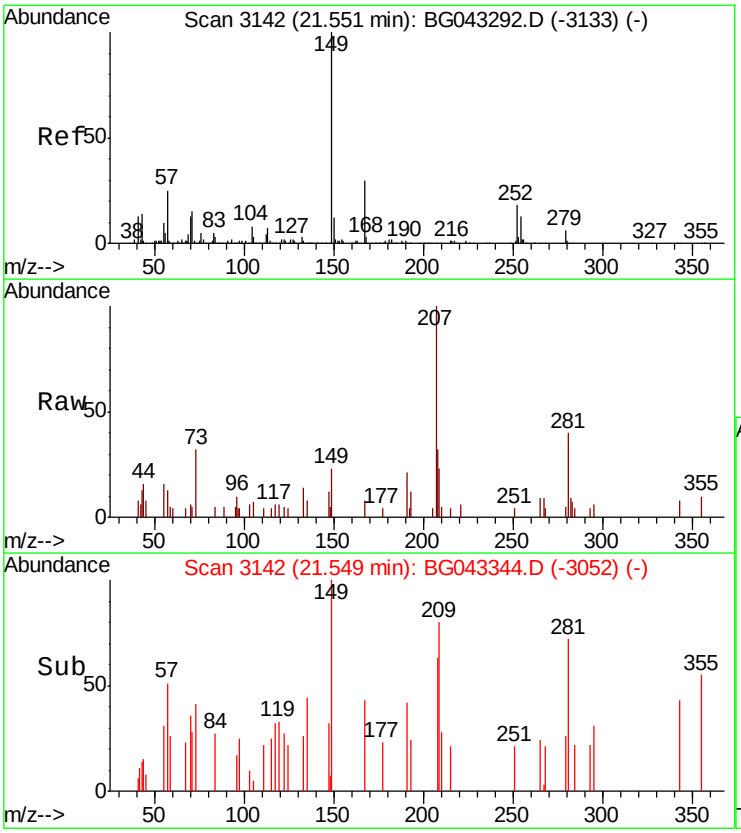
#83
Chrysene
Concen: 0.003 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Instrument :
BNA_G
ClientSampleId :
TR-05-102419

Tgt Ion:228 Resp: 61

Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.8	35.8#
229	0.0	16.3	24.5#

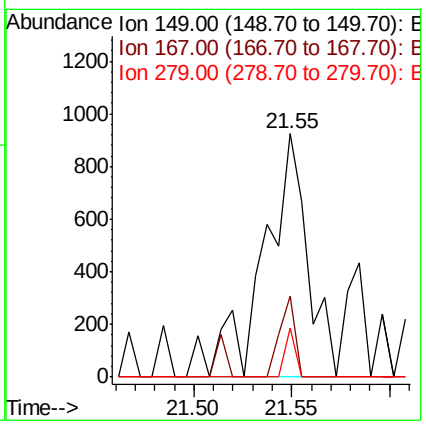


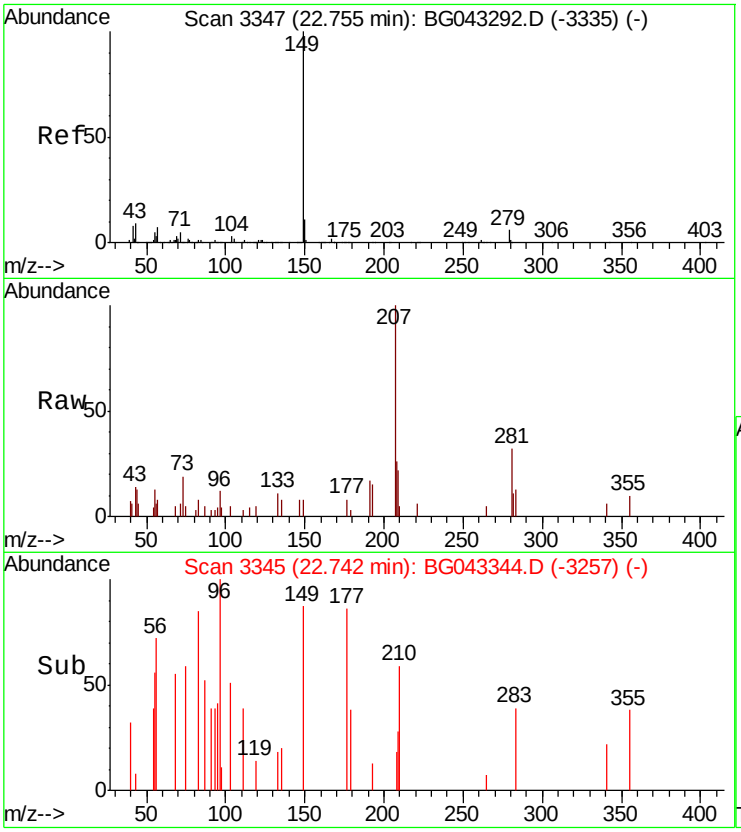


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.152 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Tgt Ion:149 Resp: 1462

Ion	Ratio	Lower	Upper
149	100		
167	33.5	23.9	35.9
279	20.0	4.8	7.2#



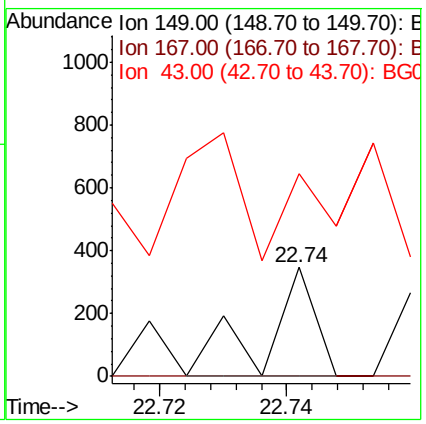


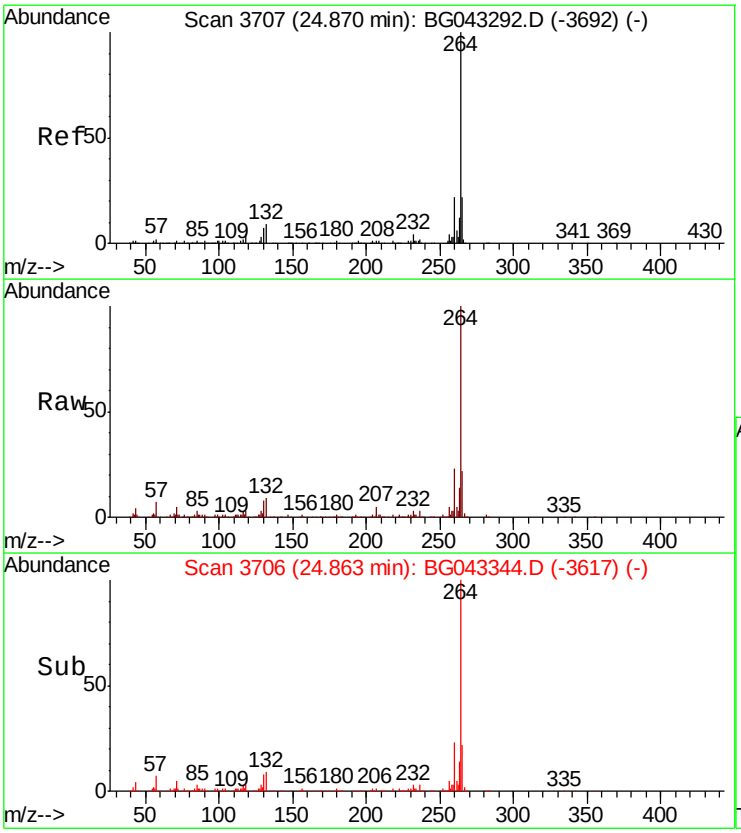
#85
Di-n-octyl phthalate
Concen: 0.012 ng
RT: 22.74 min Scan# 3345
Delta R.T. -0.01 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Instrument : BNA_G
ClientSampleId : TR-05-102419

Tgt Ion:149 Resp: 191

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.0#
43	0.0	6.9	10.3#

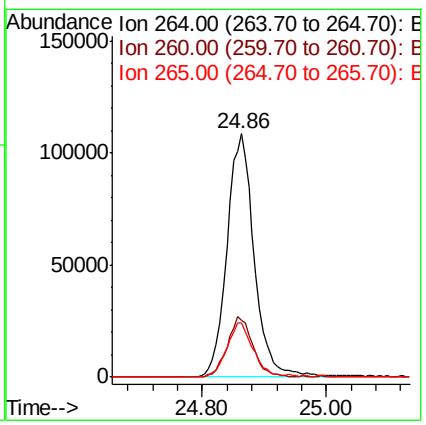


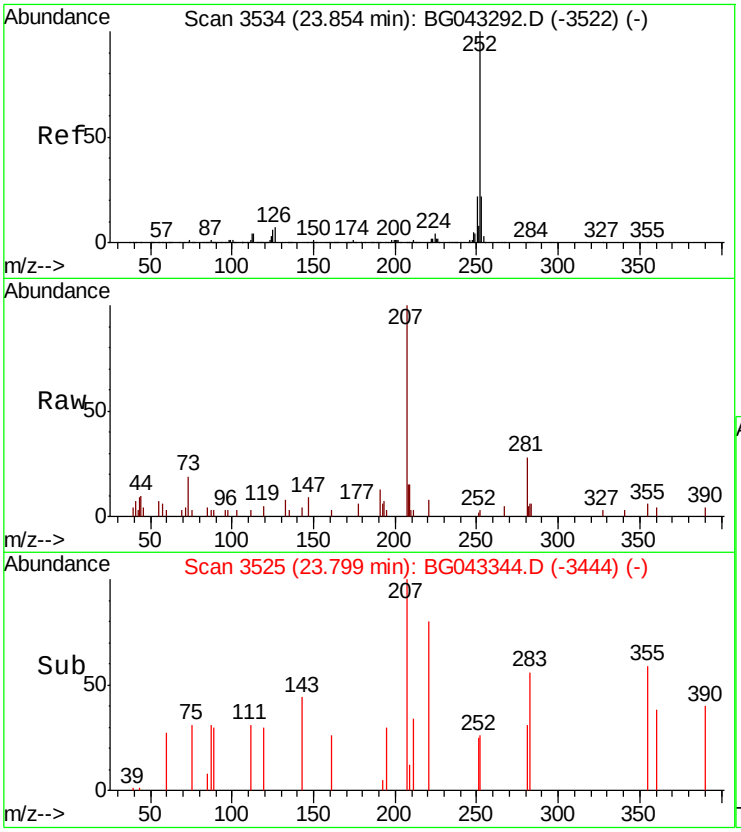


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Tgt Ion:264 Resp: 331688

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.9	26.9
265	22.5	17.4	26.2



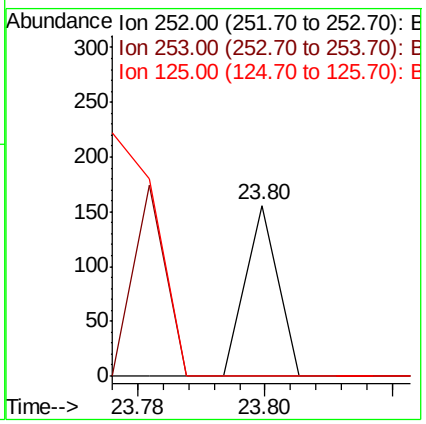


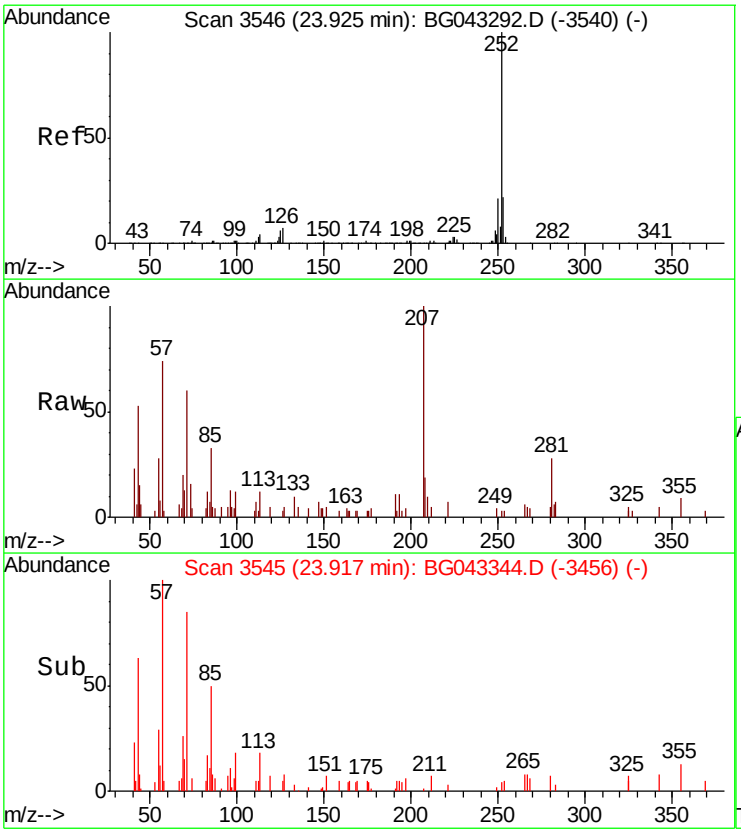
#88
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 23.80 min Scan# 3525
Delta R.T. -0.05 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Instrument :
BNA_G
ClientSampleId :
TR-05-102419

Tgt Ion:252 Resp: 55

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.2#
125	0.0	5.0	7.6#

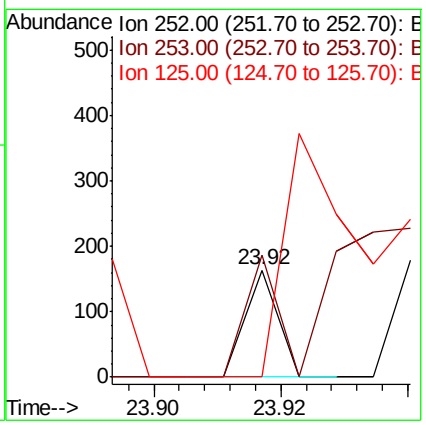


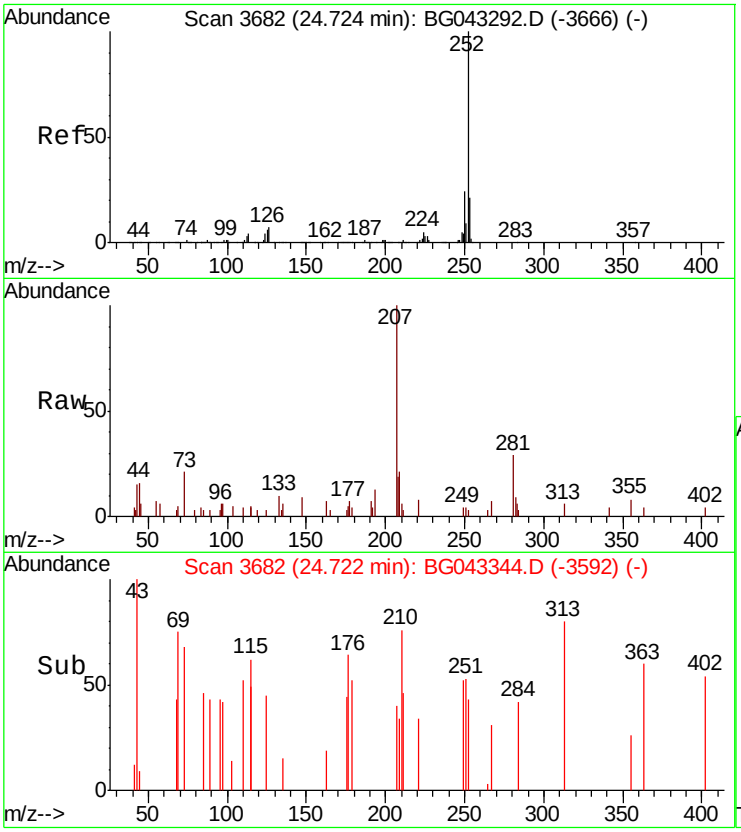


#89
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Tgt Ion:252 Resp: 58

Ion	Ratio	Lower	Upper
252	100		
253	114.0	17.6	26.4#
125	0.0	4.5	6.7#



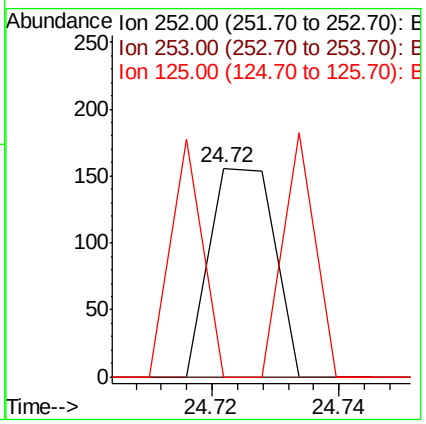


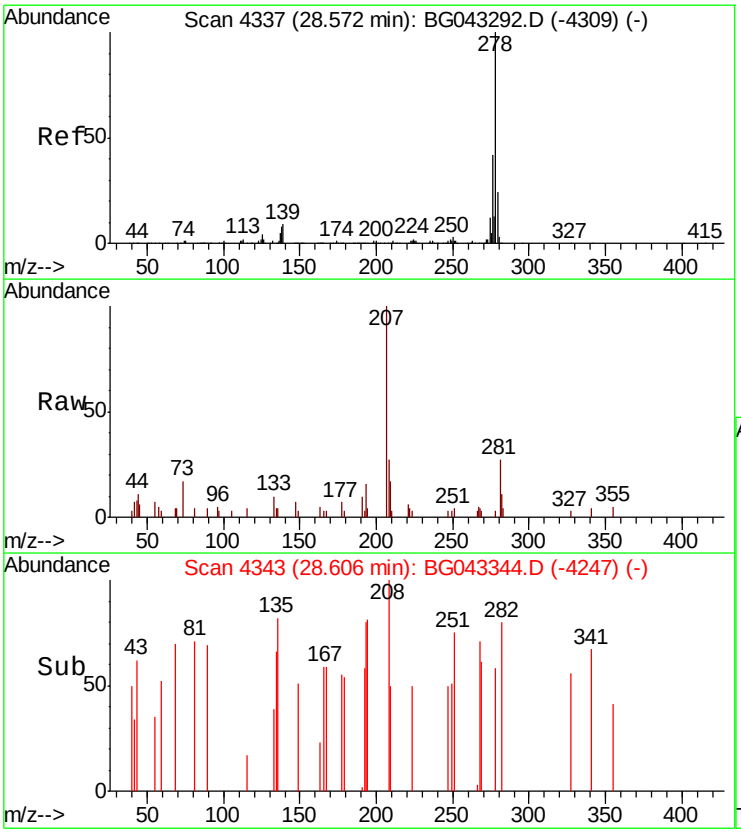
#90
Benzo(a)pyrene
Concen: 0.006 ng
RT: 24.72 min Scan# 3682
Delta R.T. -0.00 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Instrument :
BNA_G
ClientSampleId :
TR-05-102419

Tgt Ion:252 Resp: 109

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.2	25.8#
125	0.0	5.0	7.6#

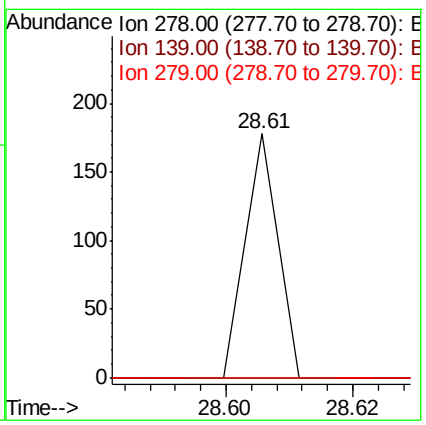


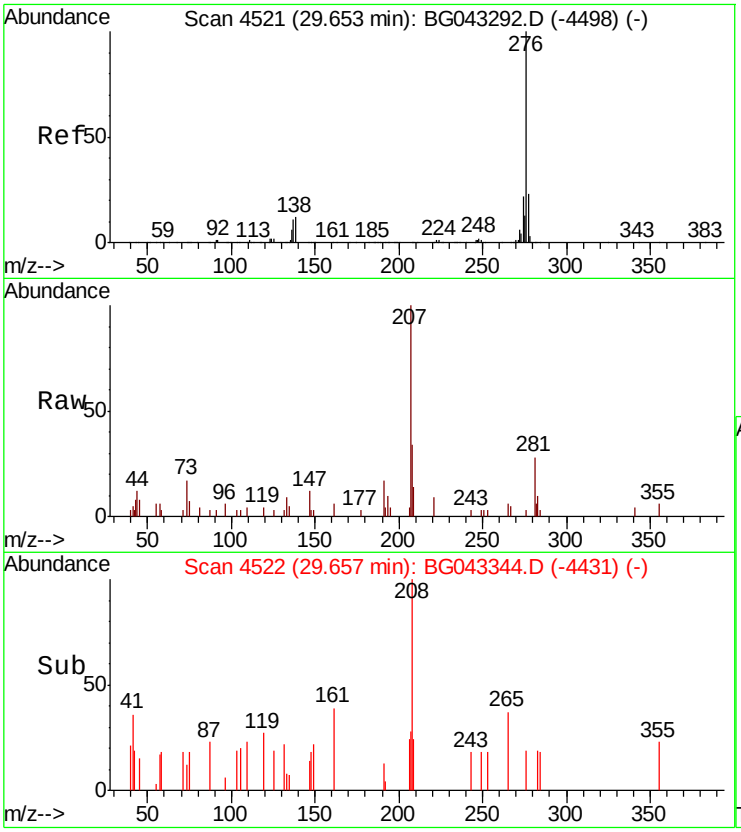


#91
Dibenzo(a,h)anthracene
Concen: 0.003 ng
RT: 28.61 min Scan# 4343
Delta R.T. 0.03 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Tgt Ion:278 Resp: 63

Ion	Ratio	Lower	Upper
278	100		
139	0.0	6.8	10.2#
279	0.0	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 0.003 ng
RT: 29.66 min Scan# 4522
Delta R.T. 0.00 min
Lab File: BG043344.D
Acq: 25 Oct 2019 18:01

Instrument :
BNA_G
ClientSampleId :
TR-05-102419

Tgt Ion:276 Resp: 59

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.3	27.5#
138	0.0	9.3	13.9#