Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051319\
Data File : BG040929.D
Acq On : 14 May 2019 3:00
Operator : HP/JU
Sample : K2818-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 050919-ESLT-F-D-M

Quant Time: May 14 06:56:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	49966	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	221899	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	179497	20.00	ng	-0.03
64) Phenanthrene-d10	17.50	188	441796	20.00	ng	-0.03
76) Chrysene-d12	21.78	240	428013	20.00	ng	-0.04
87) Perylene-d12	25.13	264	460669	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	123783	43.67	ng	-0.02
7) Phenol-d6	7.27	99	114773	26.30	ng	-0.03
23) Nitrobenzene-d5	9.30	82	451703	94.06	ng	-0.03
42) 2,4,6-Tribromophenol	16.24	330	231490	93.83	ng	-0.03
45) 2-Fluorobiphenyl	13.38	172	1117066	89.88	ng	-0.03
79) Terphenyl-d14	20.10	244	1762339	91.22	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	339	0.263	ng	# 23
3) Pyridine	4.02	79	65	0.017	ng	# 1
4) n-Nitrosodimethylamine	3.88	42	136	0.066	ng	# 1
6) Aniline	7.65	93	244	0.042	ng	# 1
8) 2-Chlorophenol	7.68	128	65	0.019	ng	# 1
9) Benzaldehyde	7.25	77	317	Below Cal		# 6
10) Phenol	7.29	94	1987	0.424	ng	# 53
11) bis(2-Chloroethyl)ether	7.65	93	244	0.069	ng	# 1
12) 1,3-Dichlorobenzene	8.12	146	89	0.024	ng	# 1
13) 1,4-Dichlorobenzene	8.12	146	89	0.023	ng	# 17
14) 1,2-Dichlorobenzene	8.45	146	59	0.016	ng	# 1
15) Benzyl Alcohol	8.45	79	7499	1.651	ng	# 63
16) 2,2'-oxybis(1-Chloropropan	8.63	45	54	0.008	ng	72
17) 2-Methylphenol	8.45	107	63	0.019	ng	# 1
18) Hexachloroethane	8.71	117	56	0.036	ng	# 1
19) n-Nitroso-di-n-propylamine	9.30	70	66936	17.038	ng	# 71
20) 3+4-Methylphenols	8.45	107	63	0.014	ng	# 1
22) Acetophenone	8.97	105	54	0.009	ng	# 45
24) Nitrobenzene	9.38	77	65	0.013	ng	# 47
25) Isophorone	9.84	82	73	0.007	ng	# 68
27) 2,4-Dimethylphenol	10.04	122	63	0.018	ng	# 1
28) bis(2-Chloroethoxy)methane	10.29	93	67	0.012	ng	# 49
29) 2,4-Dichlorophenol	10.61	162	75	0.019	ng	# 28
30) 1,2,4-Trichlorobenzene	10.94	180	66	0.015	ng	# 13
31) Naphthalene	10.93	128	57	0.005	ng	# 68
32) Benzoic acid	10.04	122	63	0.027	ng	# 1
33) 4-Chloroaniline	10.84	127	53	0.010	ng	# 39
34) Hexachlorobutadiene	11.26	225	63	0.020	ng	# 19
35) Caprolactam	11.70	113	62	0.040	ng	# 19
36) 4-Chloro-3-methylphenol	12.27	107	63	0.013	ng	# 25
37) 2-Methylnaphthalene	12.26	142	58	0.007	ng	# 13
41) Hexachlorocyclopentadiene	12.71	237	55	0.014	ng	# 27
46) 1,1'-Biphenyl	13.59	154	1585	0.114	ng	80
48) 2-Nitroaniline	14.20	65	813	0.209	ng	# 1

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051319\
Data File : BG040929.D
Acq On : 14 May 2019 3:00
Operator : HP/JU
Sample : K2818-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 050919-ESLT-F-D-M

Quant Time: May 14 06:56:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Acenaphthylene	14.50	152	62	0.003	ng	#	59
50) Dimethylphthalate	14.20	163	62206	4.142	ng		99
51) 2,6-Dinitrotoluene	14.76	165	23399	7.983	ng	#	15
52) Acenaphthene	14.76	154	757	0.070	ng	#	2
53) 3-Nitroaniline	14.89	138	59	0.020	ng	#	1
54) 2,4-Dinitrophenol	15.22	184	71	7.054	ng	#	21
56) 4-Nitrophenol	14.44	139	93	0.036	ng	#	1
57) 2,4-Dinitrotoluene	14.76	165	23399	5.875	ng	#	17
58) Fluorene	16.24	166	6736	0.472	ng	#	89
60) Diethylphthalate	15.55	149	1204	0.076	ng	#	58
62) 4-Nitroaniline	15.66	138	125	0.037	ng	#	1
63) Azobenzene	16.10	77	62	0.004	ng	#	47
65) 4,6-Dinitro-2-methylphenol	16.24	198	496	7.295	ng	#	1
66) n-Nitrosodiphenylamine	16.24	169	7866	0.605	ng	#	50
67) 4-Bromophenyl-phenylether	16.24	248	16801	3.052	ng	#	1
68) Hexachlorobenzene	16.80	284	84	0.015	ng	#	42
69) Atrazine	17.18	200	56	0.011	ng	#	35
71) Phenanthrene	17.54	178	1269	0.053	ng	#	60
72) Anthracene	17.64	178	263	0.011	ng	#	59
73) Carbazole	17.89	167	72	0.003	ng	#	58
74) Di-n-butylphthalate	18.44	149	3827	0.145	ng	#	92
75) Fluoranthene	19.60	202	61	0.002	ng		63
77) Benzidine	20.10	184	30013	2.561	ng		97
78) Pyrene	19.90	202	799	0.030	ng	#	58
80) Butylbenzylphthalate	20.77	149	558	0.053	ng	#	88
81) Benzo(a)anthracene	21.79	228	1637	0.061	ng	#	39
82) 3,3'-Dichlorobenzidine	21.66	252	87	0.009	ng	#	25
83) Chrysene	21.84	228	298	0.012	ng	#	48
84) Bis(2-ethylhexyl)phthalate	21.63	149	1813	0.120	ng	#	87
85) Di-n-octyl phthalate	22.93	149	235	0.009	ng	#	1
86) Indeno(1,2,3-cd)pyrene	28.96	276	165	0.005	ng	#	60
88) Benzo(b)fluoranthene	24.06	252	365	0.013	ng	#	62
89) Benzo(k)fluoranthene	24.13	252	256	0.010	ng	#	60
90) Benzo(a)pyrene	24.94	252	299	0.011	ng	#	1
91) Dibenzo(a,h)anthracene	29.11	278	80	0.003	ng	#	59
92) Benzo(g,h,i)perylene	30.26	276	61	0.002	ng	#	58

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051319\
Data File : BG040929.D
Acq On : 14 May 2019 3:00
Operator : HP/JU
Sample : K2818-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Quant Time: May 14 06:56:11 2019
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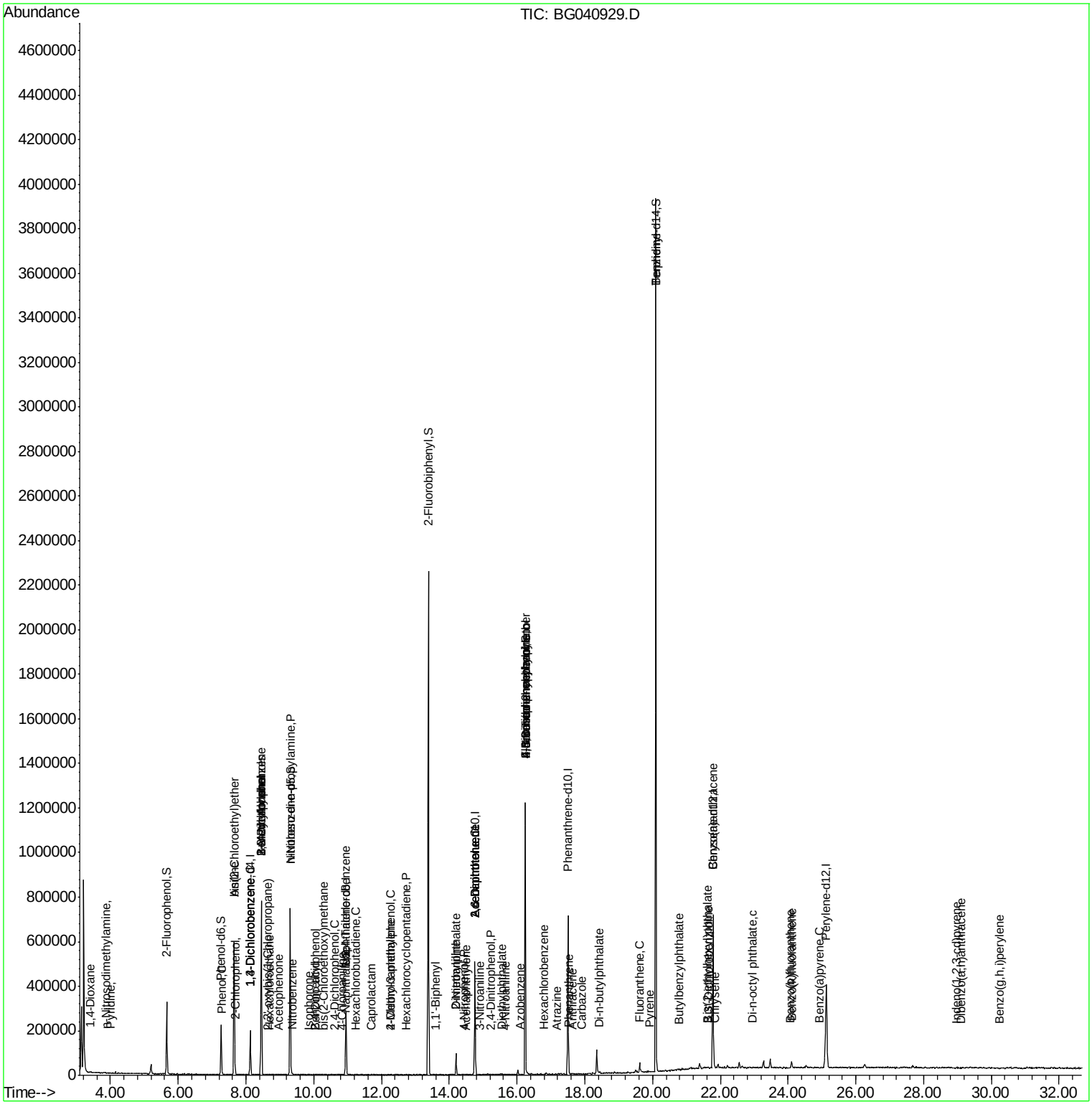
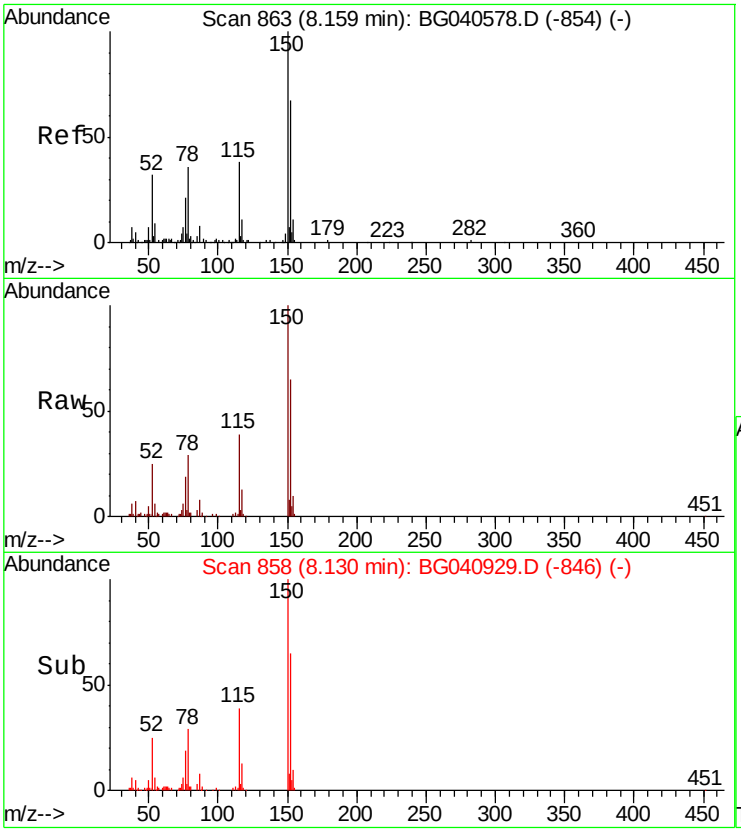
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration



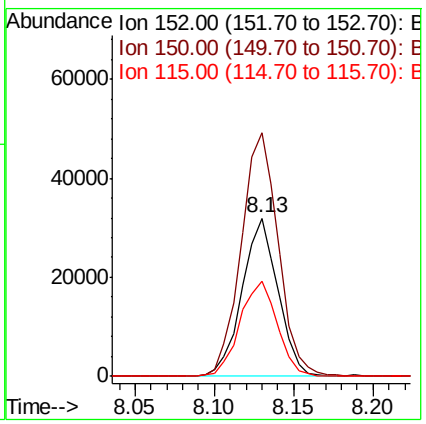


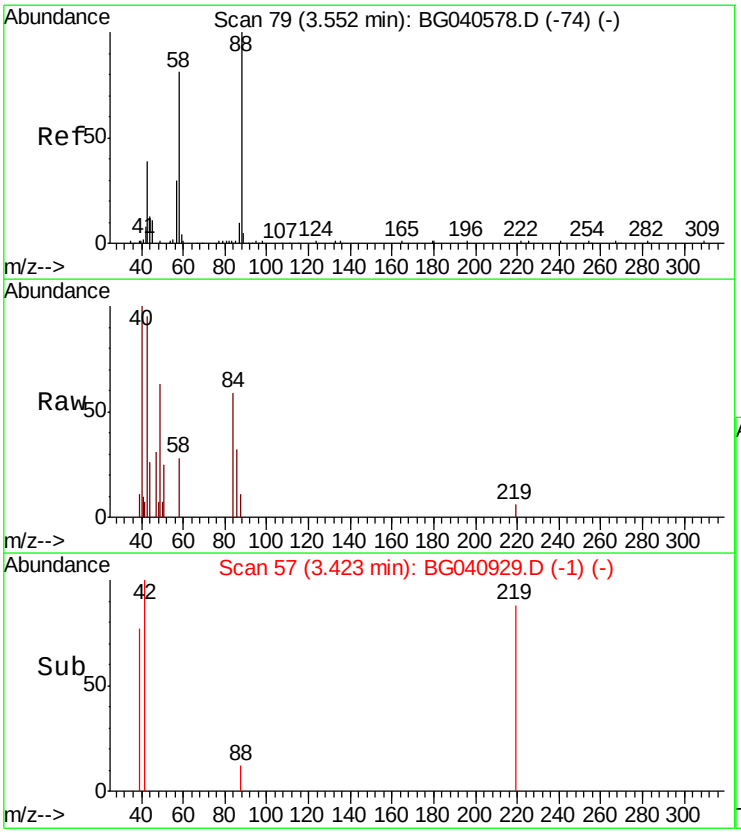
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion:152 Resp: 49966

Ion	Ratio	Lower	Upper
152	100		
150	154.0	120.2	180.2
115	60.0	46.2	69.2

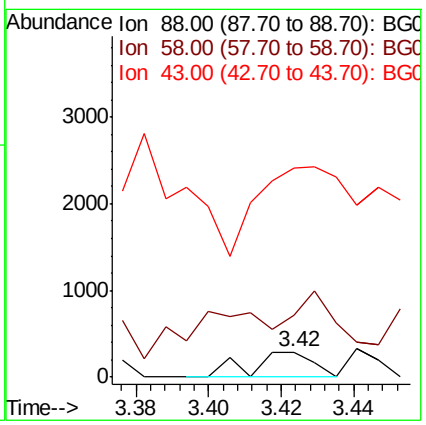


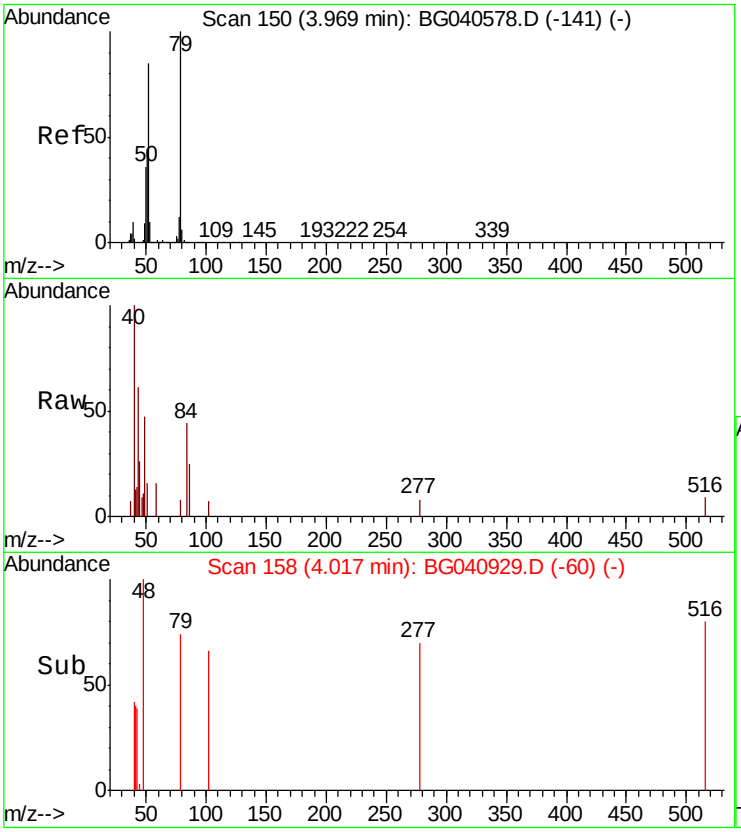


#2
1,4-Dioxane
Concen: 0.263 ng
RT: 3.42 min Scan# 57
Delta R.T. -0.13 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion: 88 Resp: 339

Ion	Ratio	Lower	Upper
88	100		
58	165.5	71.2	106.8#
43	0.0	35.6	53.4#



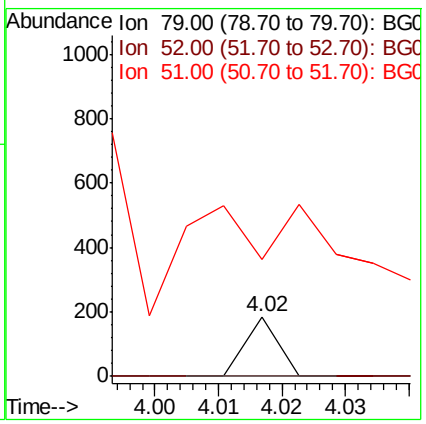


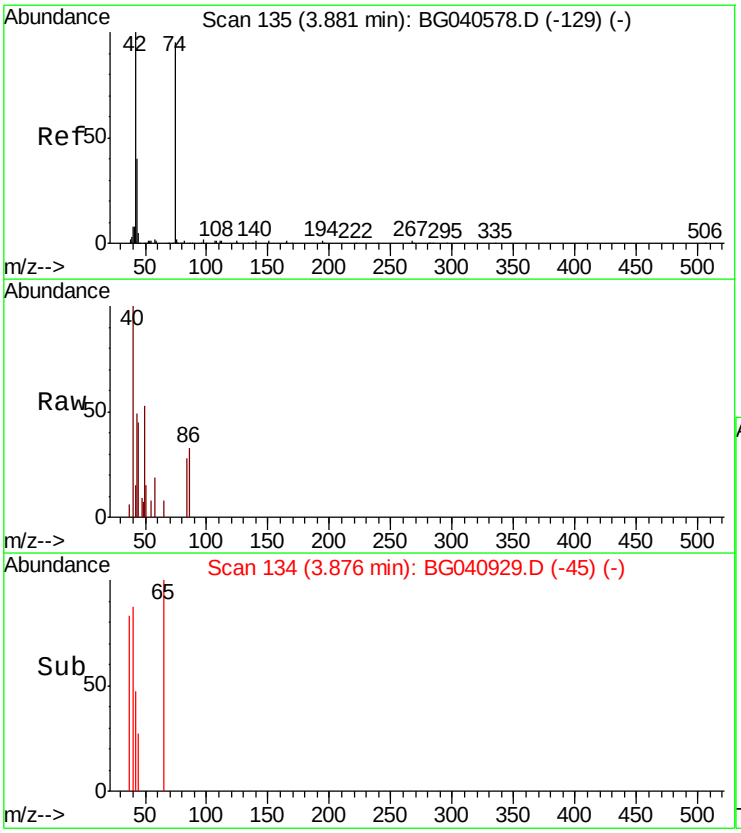
#3
Pyridine
Concen: 0.017 ng
RT: 4.02 min Scan# 158
Delta R.T. 0.05 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion: 79 Resp: 65

Ion	Ratio	Lower	Upper
79	100		
52	0.0	67.5	101.3#
51	196.2	35.6	53.4#

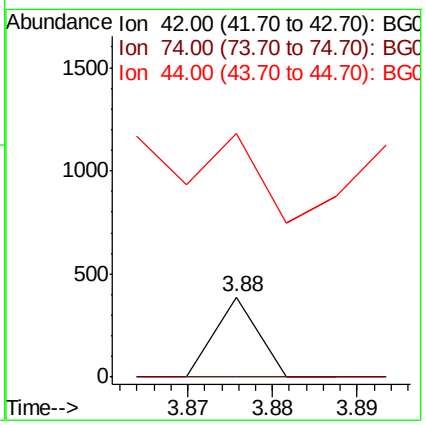


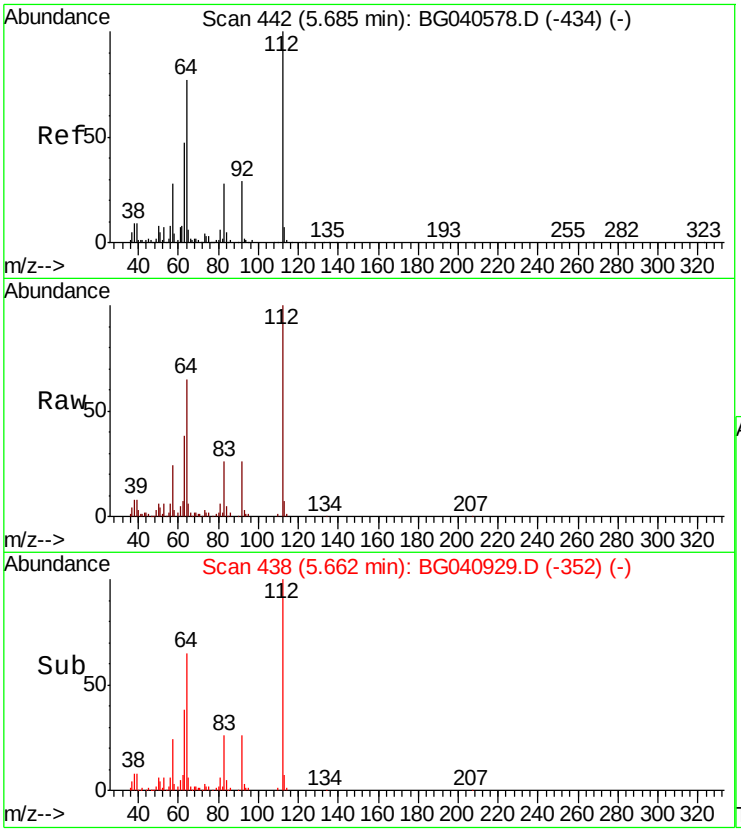


#4
n-Nitrosodimethylamine
Concen: 0.066 ng
RT: 3.88 min Scan# 134
Delta R.T. -0.01 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion: 42 Resp: 136

Ion	Ratio	Lower	Upper
42	100		
74	0.0	74.6	111.8#
44	304.9	7.4	11.0#



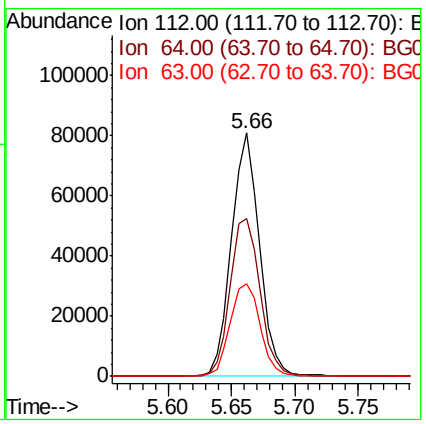


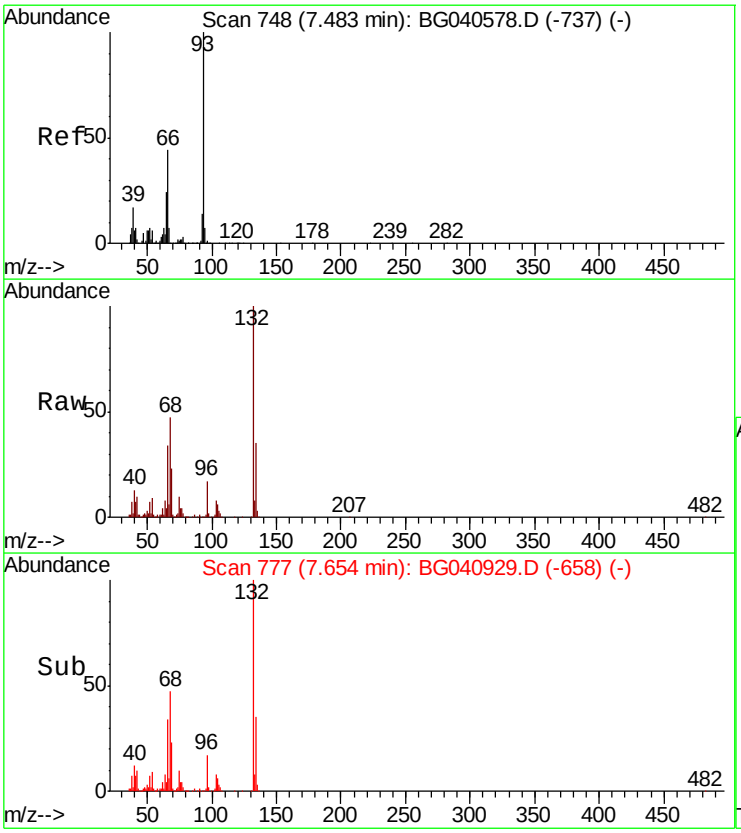
#5
2-Fluorophenol
Concen: 43.670 ng
RT: 5.66 min Scan# 438
Delta R.T. -0.02 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion:112 Resp: 123783

Ion	Ratio	Lower	Upper
112	100		
64	64.7	61.4	92.0
63	38.2	37.8	56.6

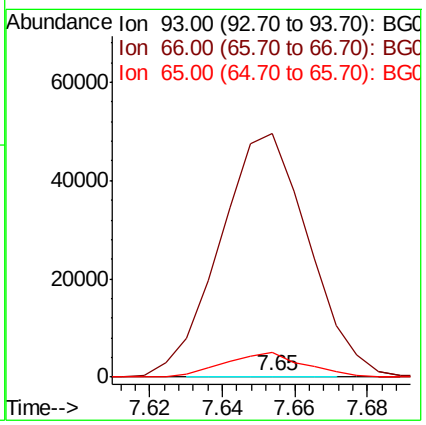


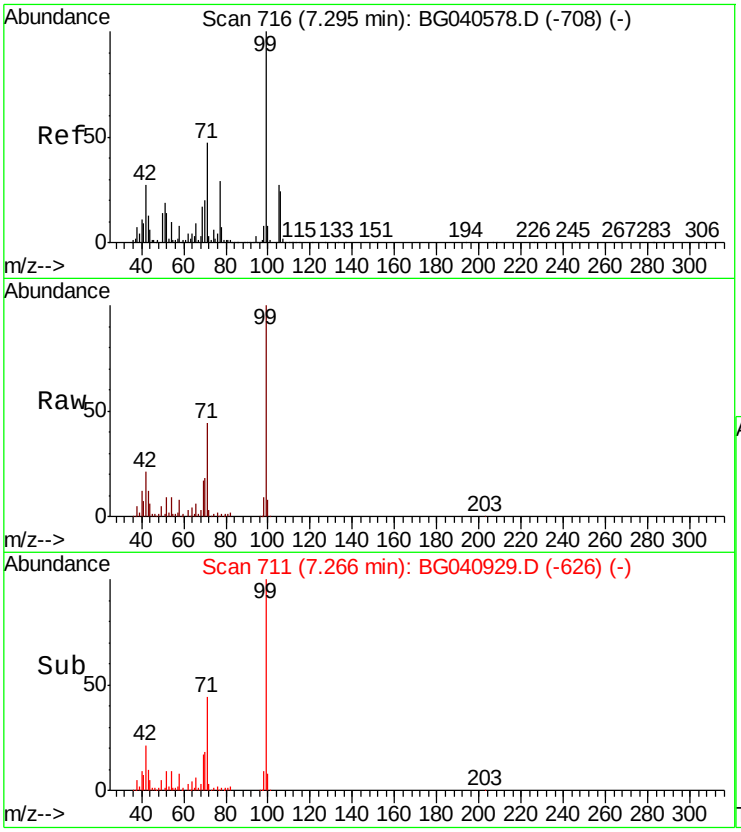


#6
Aniline
Concen: 0.042 ng
RT: 7.65 min Scan# 777
Delta R.T. 0.17 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion: 93 Resp: 244

Ion	Ratio	Lower	Upper
93	100		
66	26502.7	35.5	53.3#
65	2709.6	19.2	28.8#



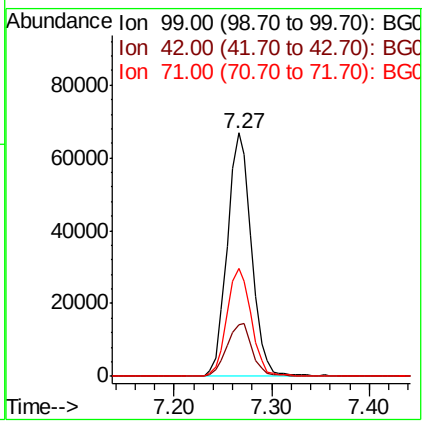


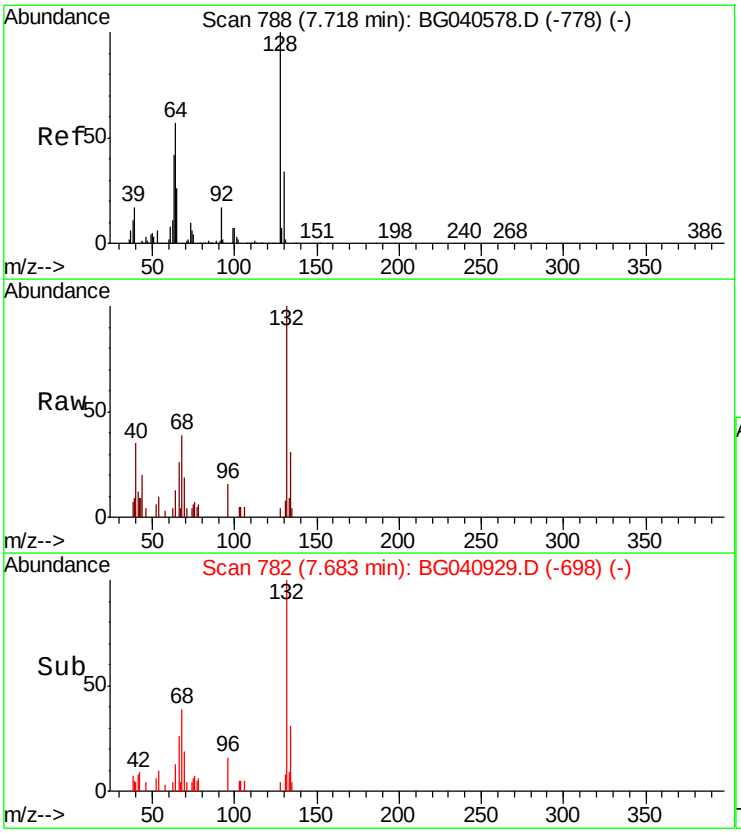
#7
Phenol-d6
Concen: 26.298 ng
RT: 7.27 min Scan# 711
Delta R.T. -0.03 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion: 99 Resp: 114773

Ion	Ratio	Lower	Upper
99	100		
42	21.3	21.8	32.8#
71	44.4	38.6	57.8

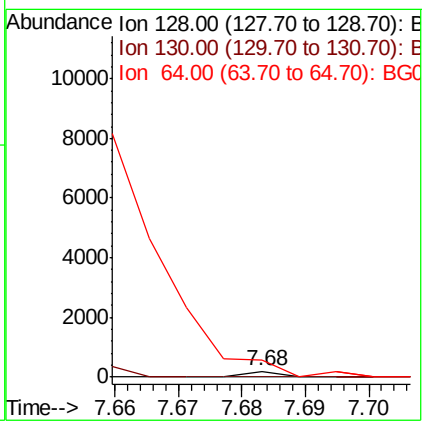


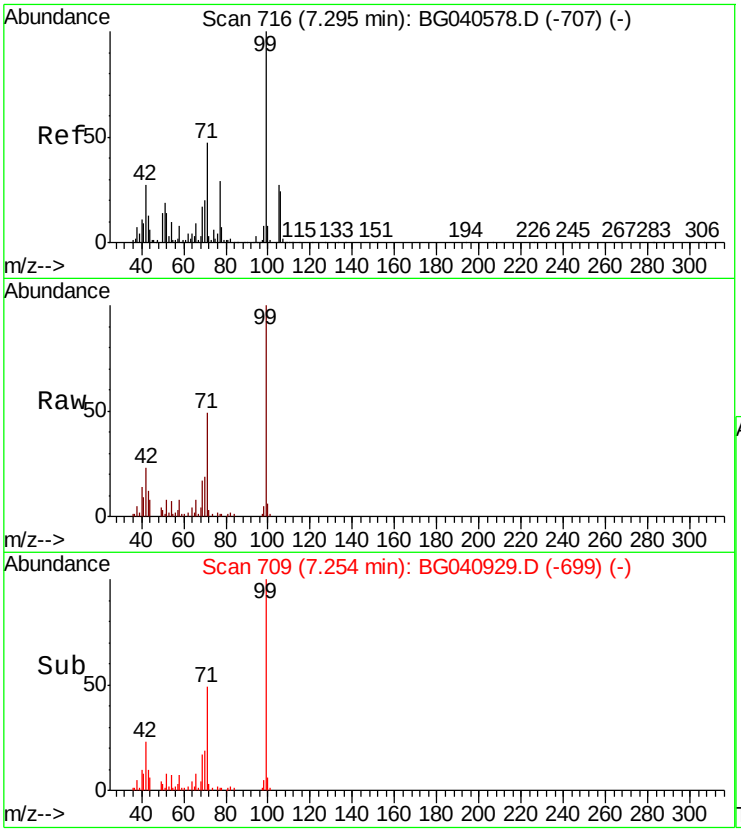


#8
2-Chlorophenol
Concen: 0.019 ng
RT: 7.68 min Scan# 782
Delta R.T. -0.03 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion:128 Resp: 65

Ion	Ratio	Lower	Upper
128	100		
130	0.0	14.5	54.5#
64	320.7	38.4	78.4#



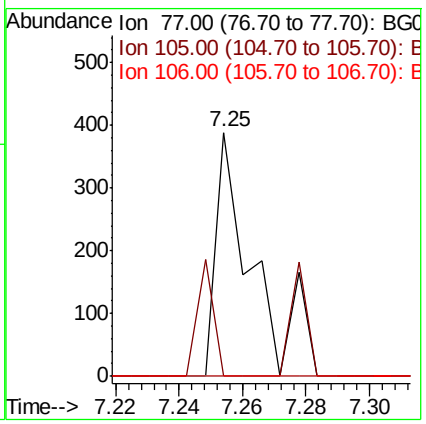


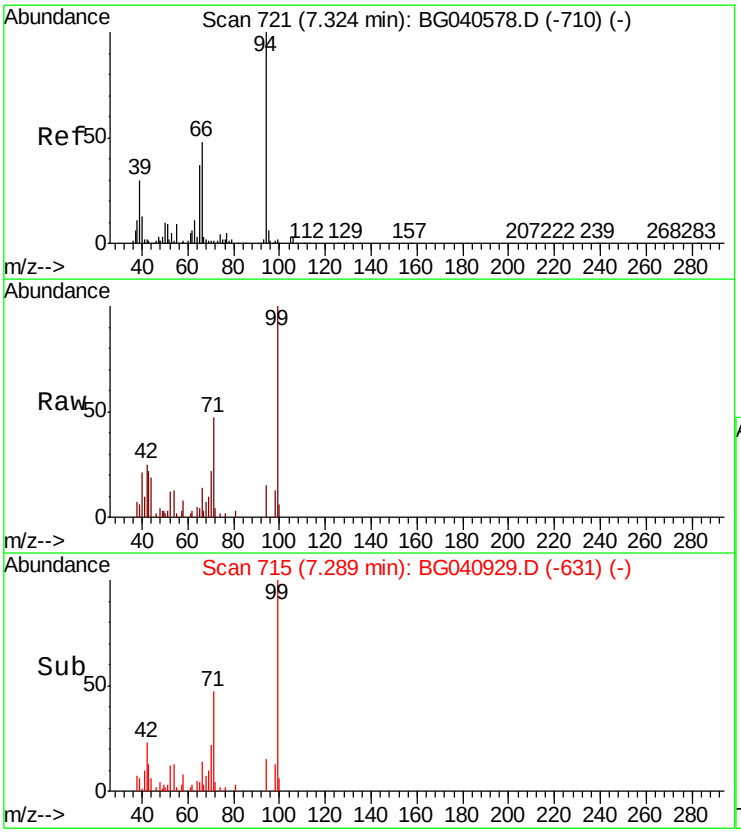
#9
Benzaldehyde
Concen: Below Cal
RT: 7.25 min Scan# 709
Delta R.T. -0.04 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion: 77 Resp: 317

Ion	Ratio	Lower	Upper
77	100		
105	0.0	72.0	112.0#
106	0.0	61.2	101.2#

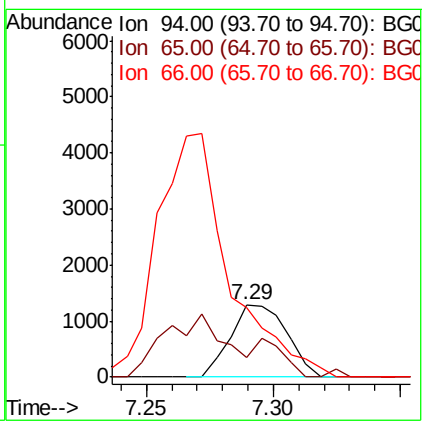


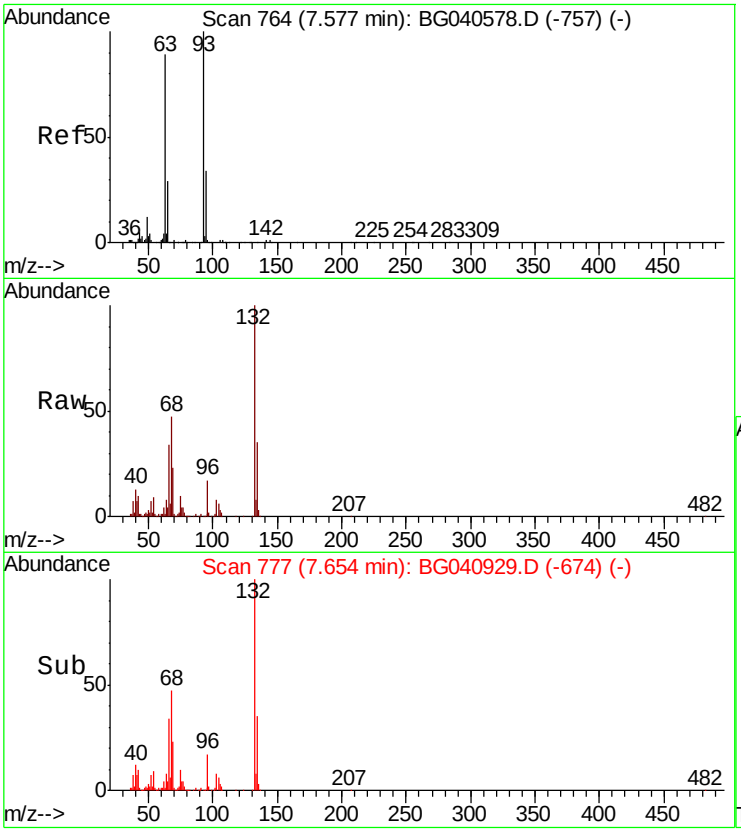


#10
Phenol
Concen: 0.424 ng
RT: 7.29 min Scan# 715
Delta R.T. -0.03 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion: 94 Resp: 1987

Ion	Ratio	Lower	Upper
94	100		
65	27.7	17.0	57.0
66	96.2	28.6	68.6#



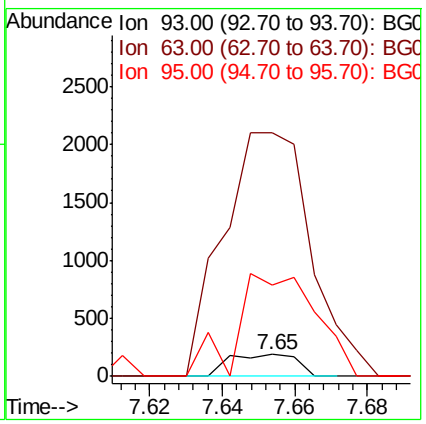


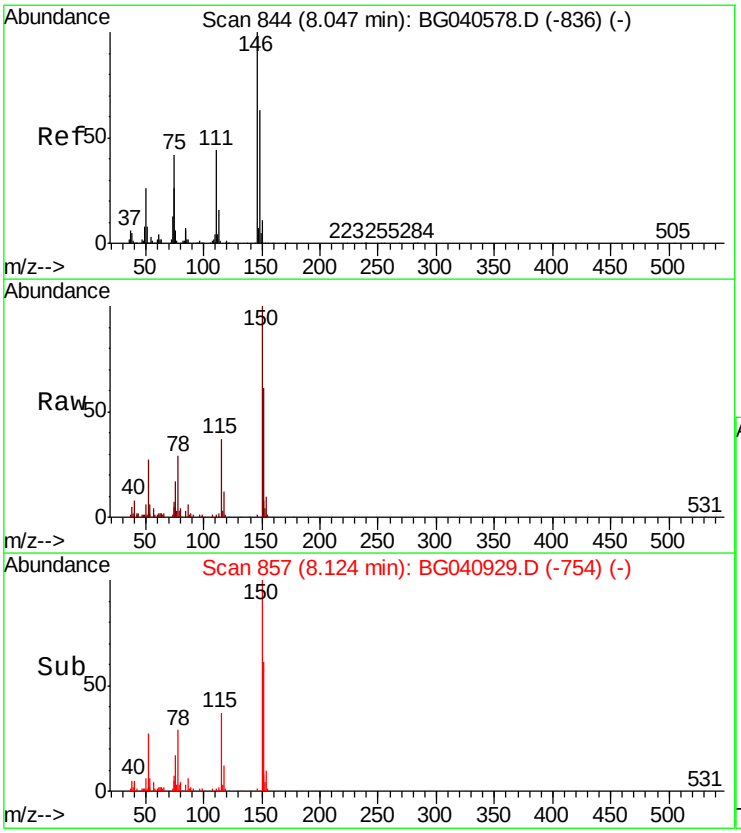
#11
bis(2-Chloroethyl)ether
Concen: 0.069 ng
RT: 7.65 min Scan# 777
Delta R.T. 0.08 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion: 93 Resp: 244

Ion	Ratio	Lower	Upper
93	100		
63	1123.0	68.2	108.2#
95	419.8	14.3	54.3#

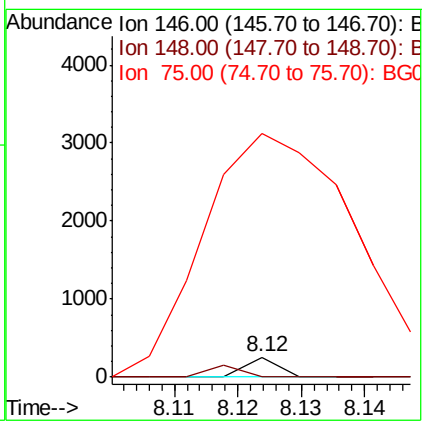


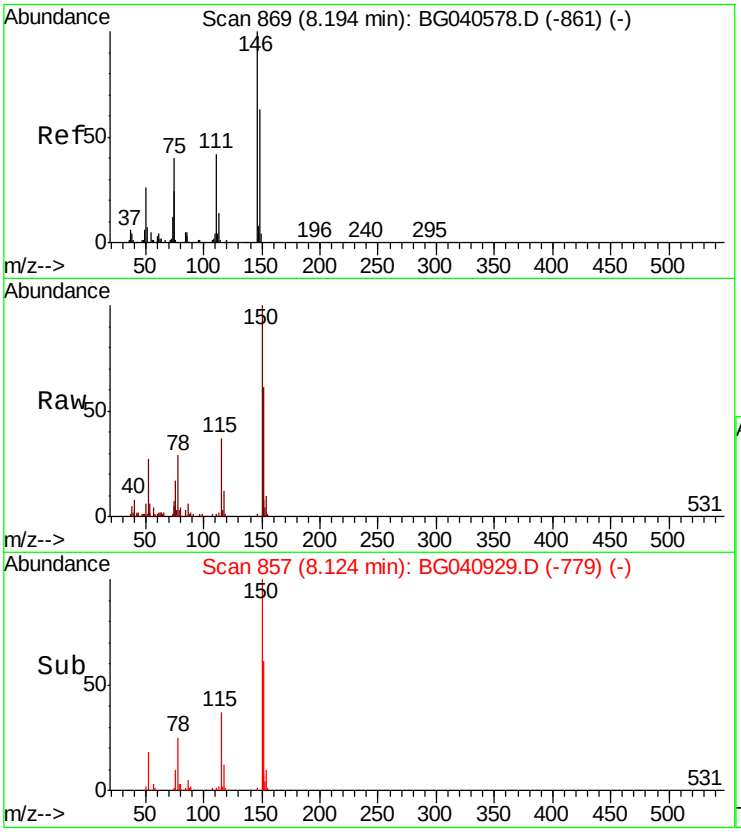


#12
1,3-Dichlorobenzene
Concen: 0.024 ng
RT: 8.12 min Scan# 857
Delta R.T. 0.08 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion:146 Resp: 89

Ion	Ratio	Lower	Upper
146	100		
148	0.0	50.7	76.1#
75	1238.5	33.4	50.2#



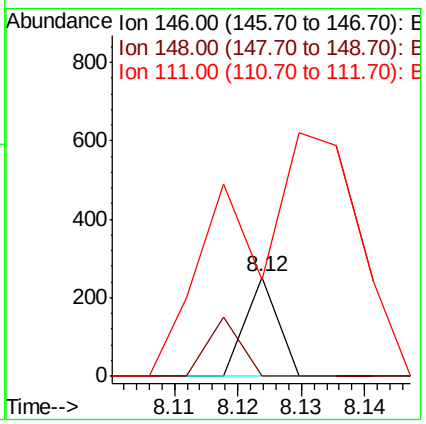


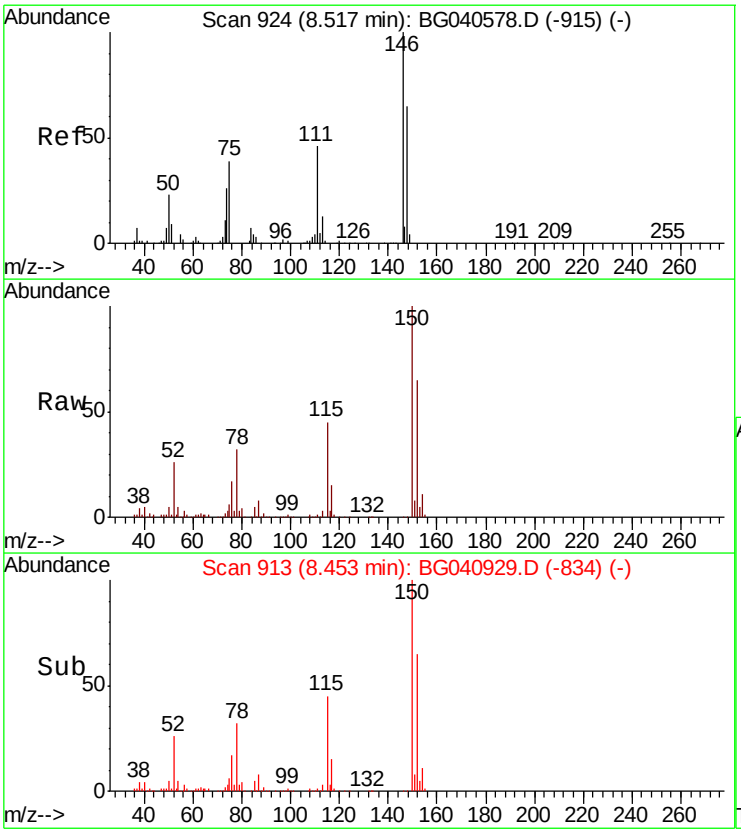
#13
1,4-Dichlorobenzene
Concen: 0.023 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.07 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion:146 Resp: 89

Ion	Ratio	Lower	Upper
146	100		
148	0.0	50.6	75.8#
111	97.2	34.3	51.5#

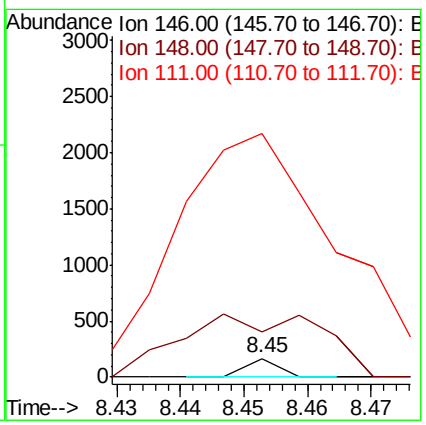


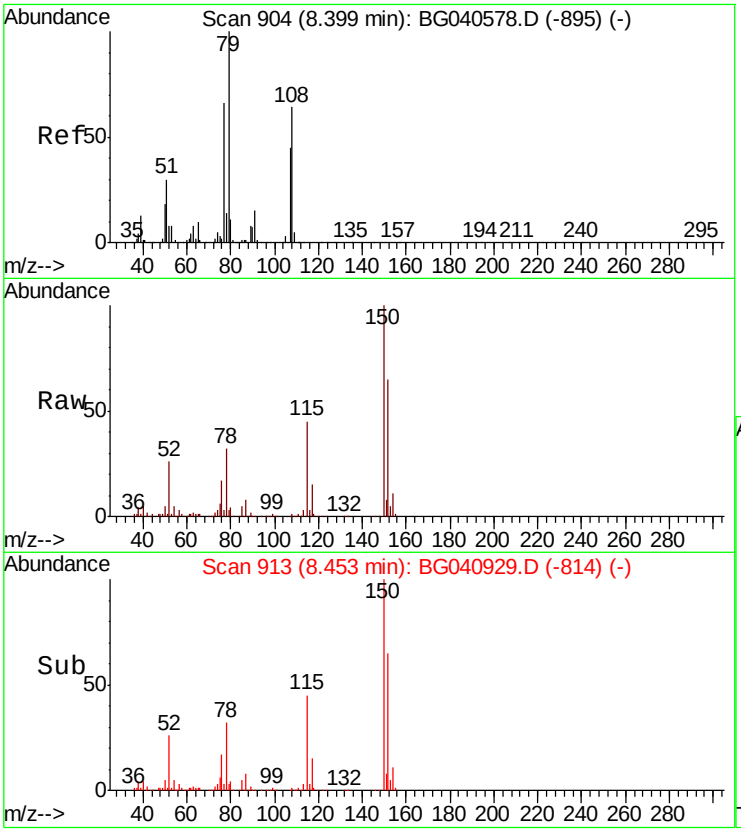


#14
1,2-Dichlorobenzene
Concen: 0.016 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.06 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion:146 Resp: 59

Ion	Ratio	Lower	Upper
146	100		
148	245.2	52.2	78.4#
111	1307.2	37.4	56.0#



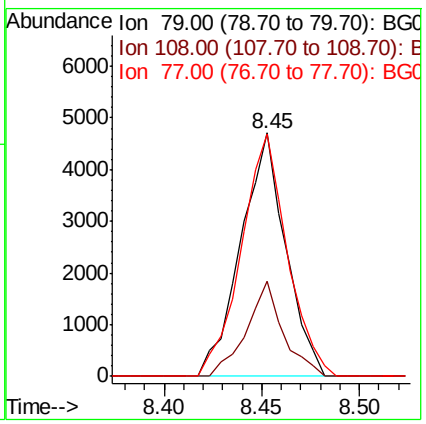


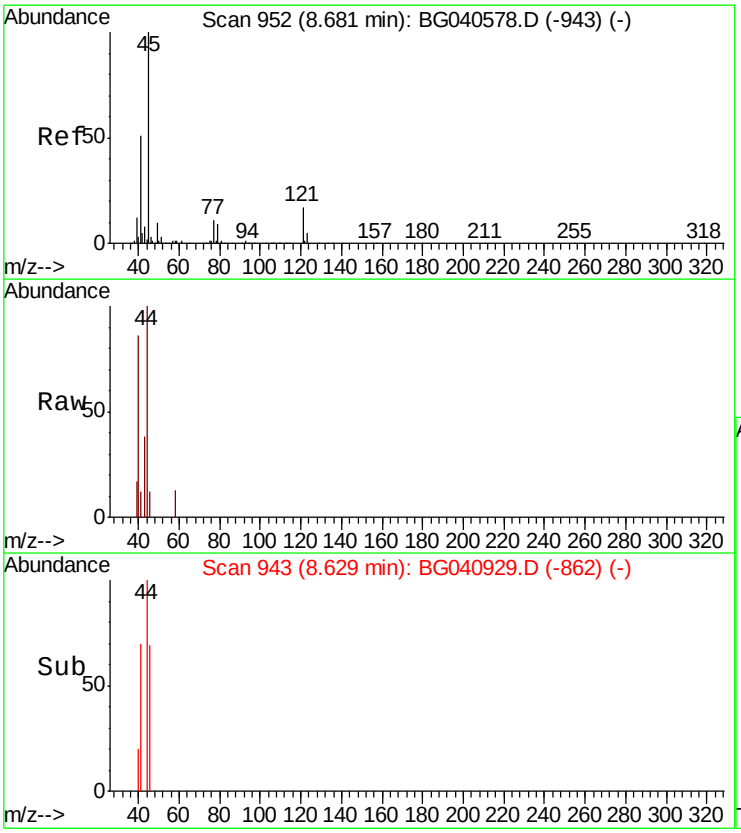
#15
Benzyl Alcohol
Concen: 1.651 ng
RT: 8.45 min Scan# 913
Delta R.T. 0.05 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion: 79 Resp: 7499

Ion	Ratio	Lower	Upper
79	100		
108	39.0	51.4	77.0#
77	99.4	52.6	79.0#

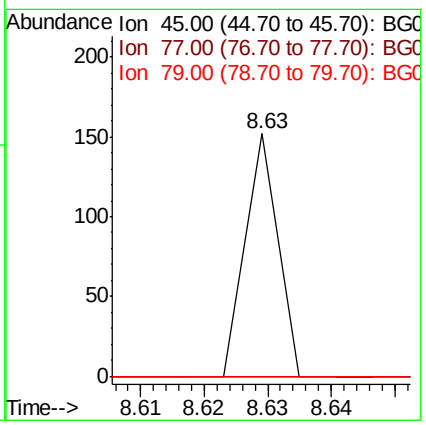


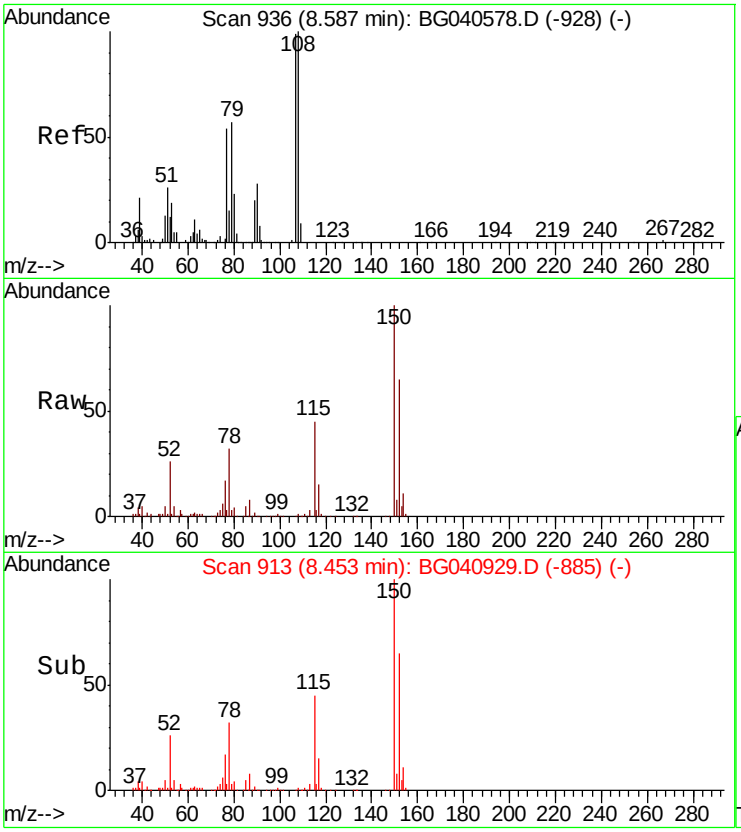


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.008 ng
RT: 8.63 min Scan# 943
Delta R.T. -0.05 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion: 45 Resp: 54

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	31.5
79	0.0	0.0	29.4



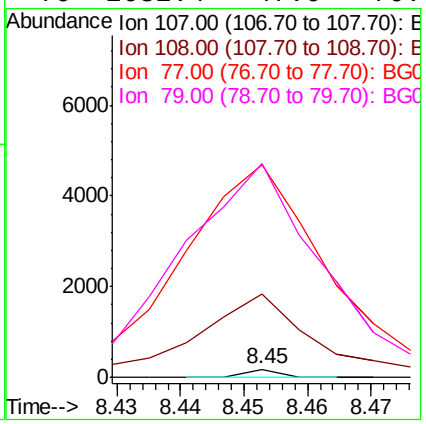


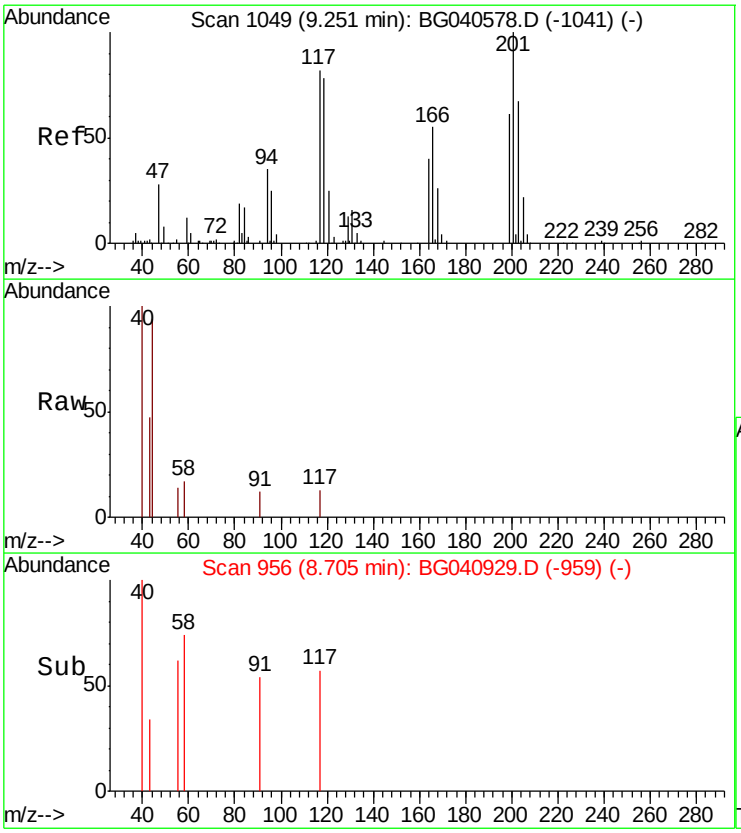
#17
2-Methylphenol
Concen: 0.019 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.13 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion:107 Resp: 63

Ion	Ratio	Lower	Upper
107	100		
108	1025.7	81.2	121.8#
77	2617.3	44.4	66.6#
79	2632.4	47.0	70.4#

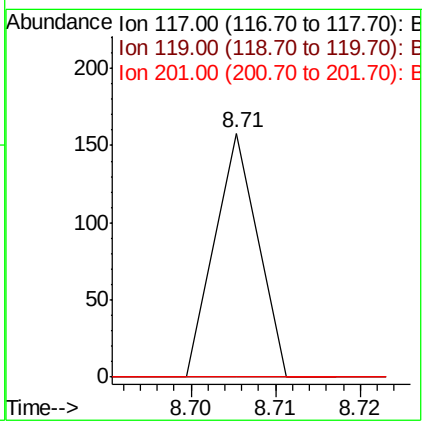


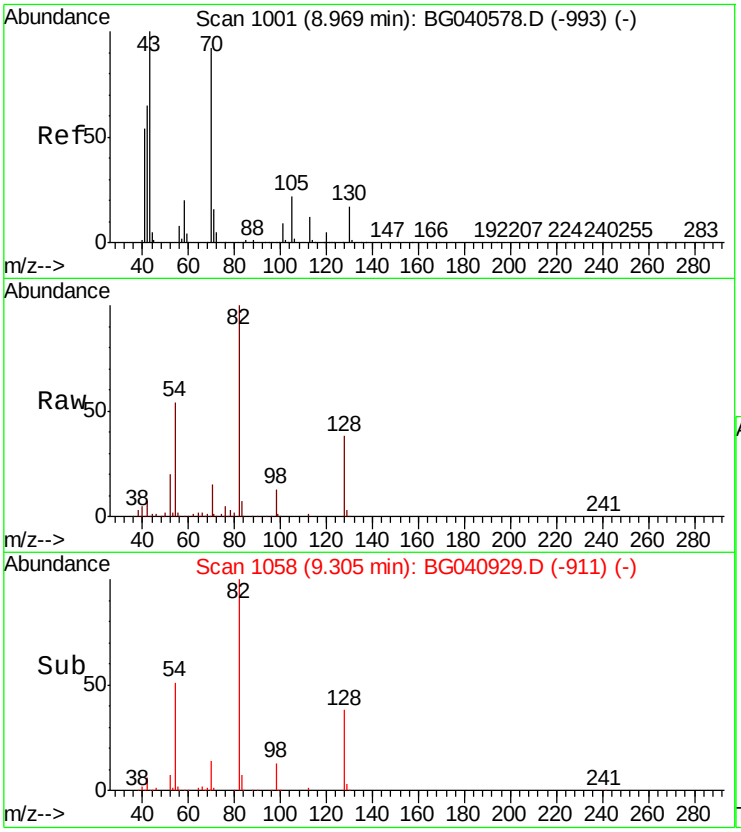


#18
Hexachloroethane
Concen: 0.036 ng
RT: 8.71 min Scan# 956
Delta R.T. -0.55 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion:117 Resp: 56

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.6	114.8#
201	0.0	101.0	151.6#



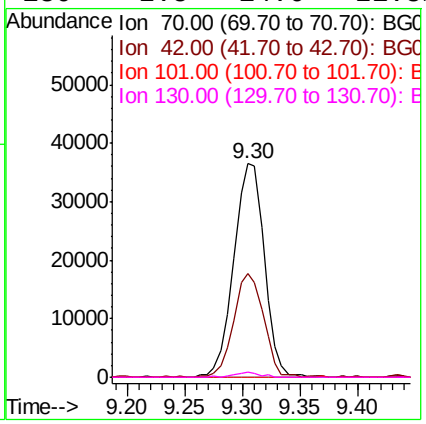


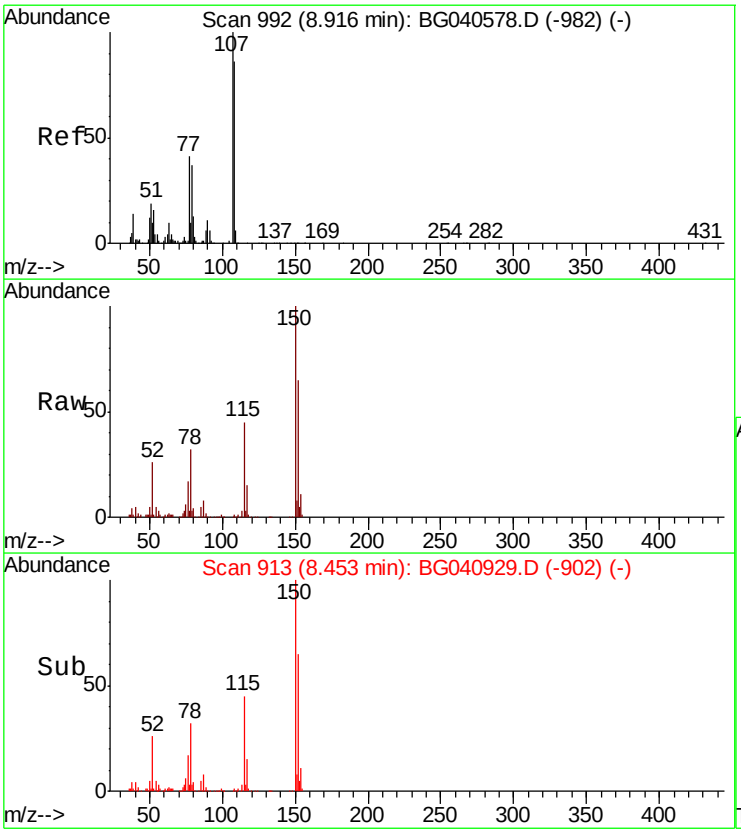
#19
n-Nitroso-di-n-propylamine
Concen: 17.038 ng
RT: 9.30 min Scan# 1058
Delta R.T. 0.34 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion: 70 Resp: 66936

Ion	Ratio	Lower	Upper
70	100		
42	48.8	57.1	85.7#
101	0.0	7.8	11.8#
130	2.5	14.6	21.8#

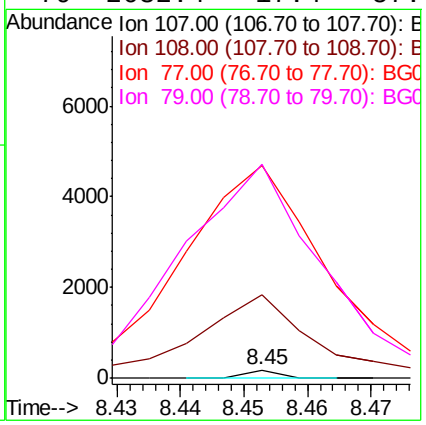


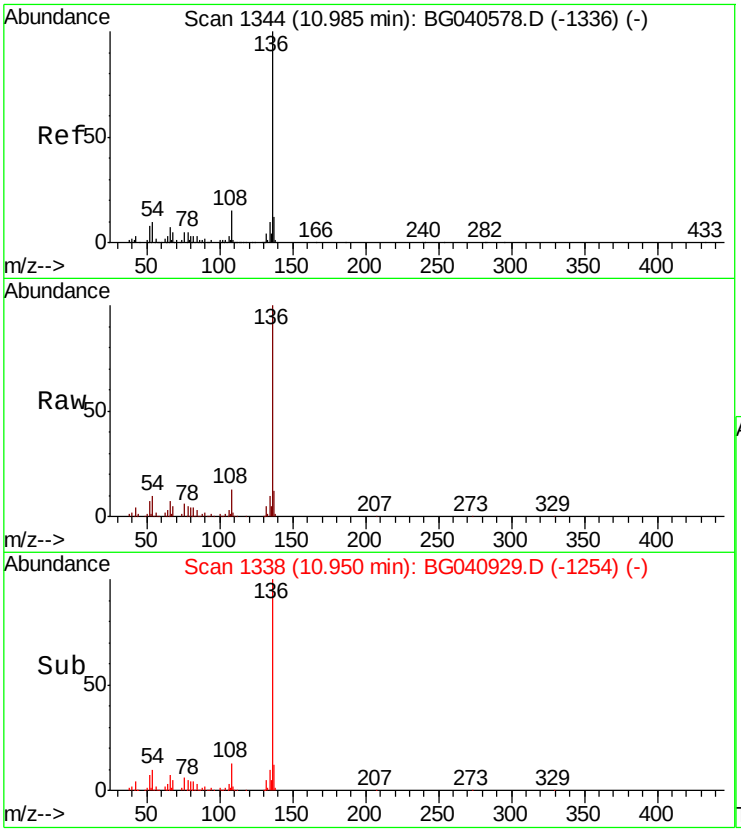


#20
3+4-Methylphenols
Concen: 0.014 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.46 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion:107 Resp: 63

Ion	Ratio	Lower	Upper
107	100		
108	1025.7	66.1	106.1#
77	2617.3	21.6	61.6#
79	2632.4	17.4	57.4#



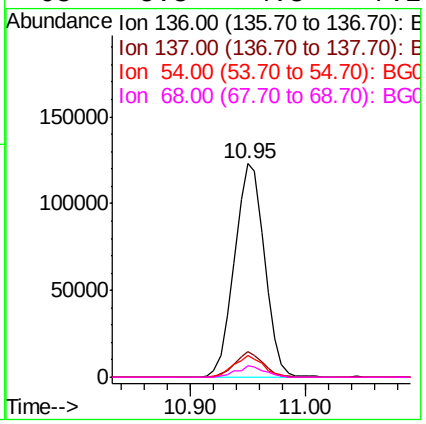


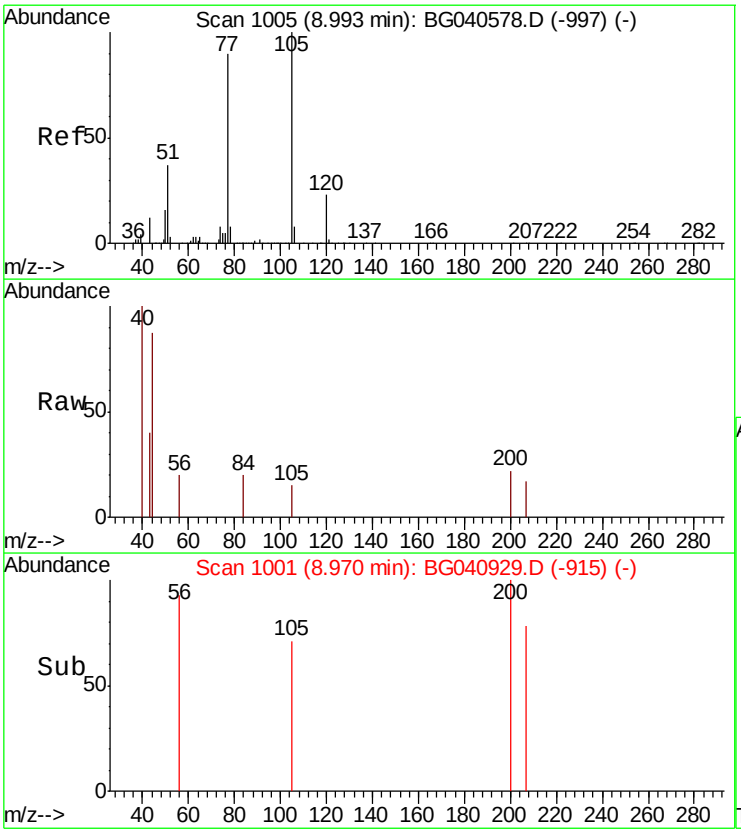
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.03 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion:136 Resp: 221899

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.7	14.5
54	10.2	8.6	12.8
68	5.3	4.8	7.2

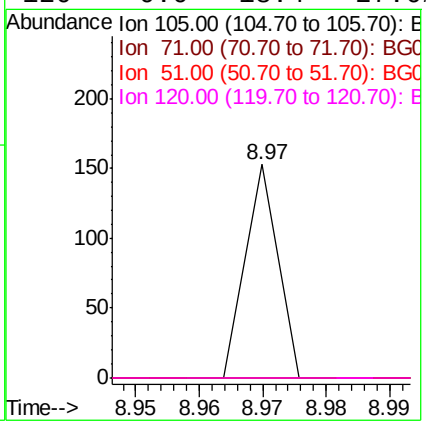


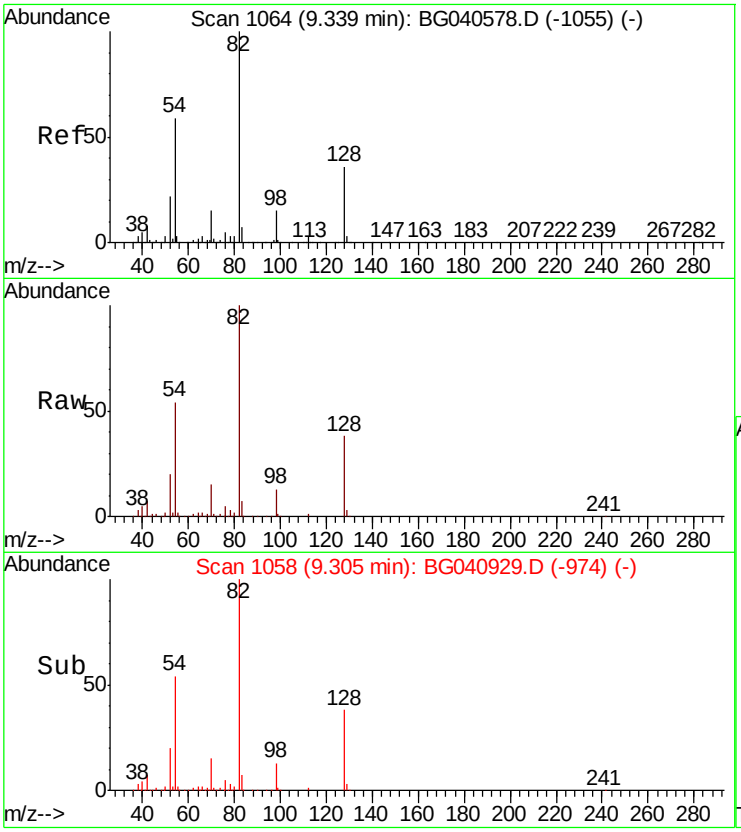


#22
Acetophenone
Concen: 0.009 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion:105 Resp: 54

Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.8	2.8#
51	0.0	29.8	44.8#
120	0.0	18.4	27.6#



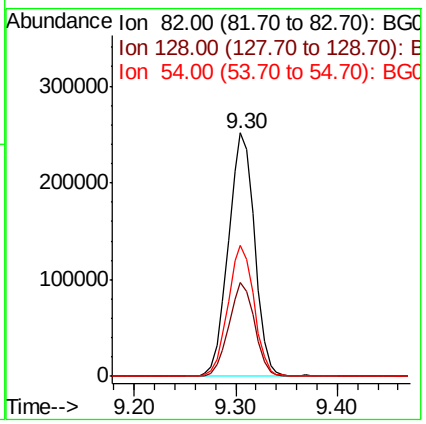


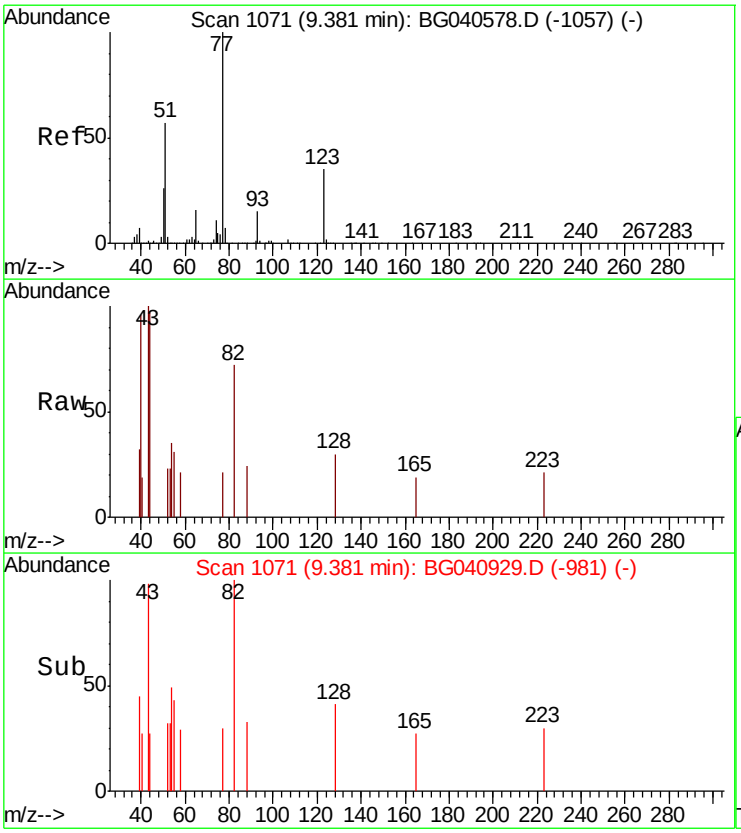
#23
Nitrobenzene-d5
Concen: 94.059 ng
RT: 9.30 min Scan# 1058
Delta R.T. -0.03 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion: 82 Resp: 451703

Ion	Ratio	Lower	Upper
82	100		
128	38.3	28.9	43.3
54	53.8	47.2	70.8

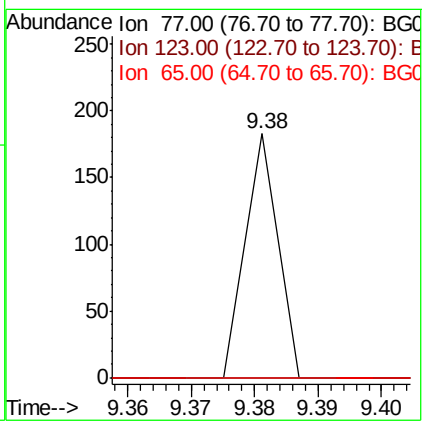


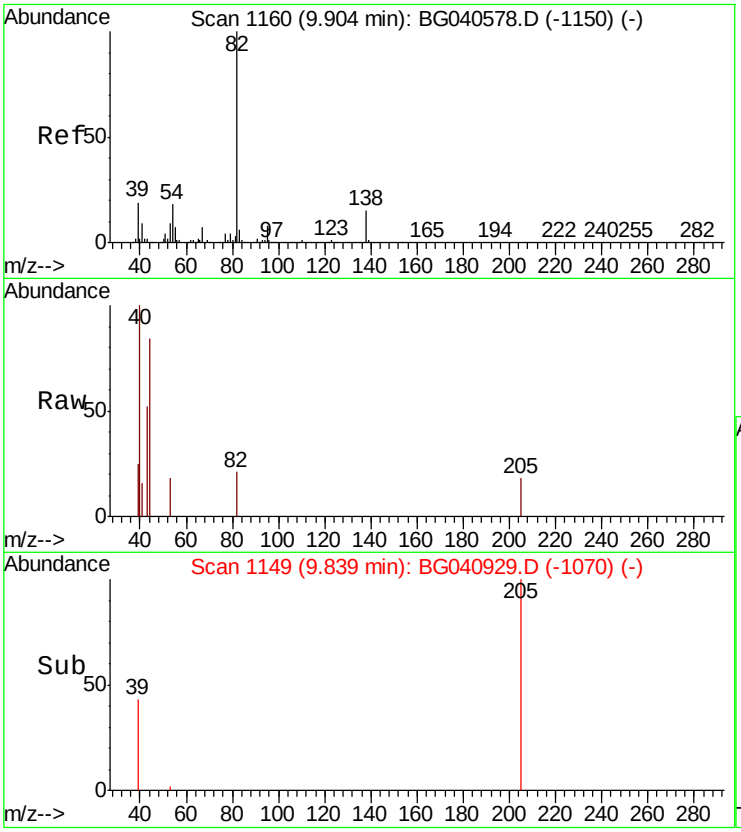


#24
Nitrobenzene
Concen: 0.013 ng
RT: 9.38 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion: 77 Resp: 65

Ion	Ratio	Lower	Upper
77	100		
123	0.0	27.8	41.6#
65	0.0	12.4	18.6#



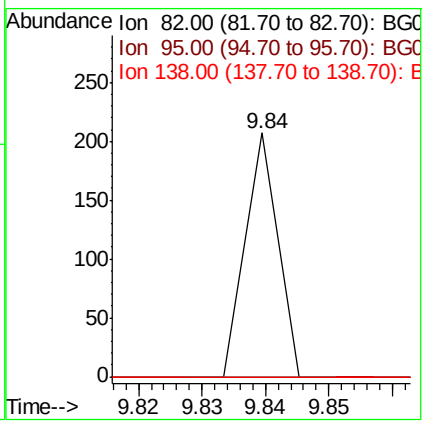


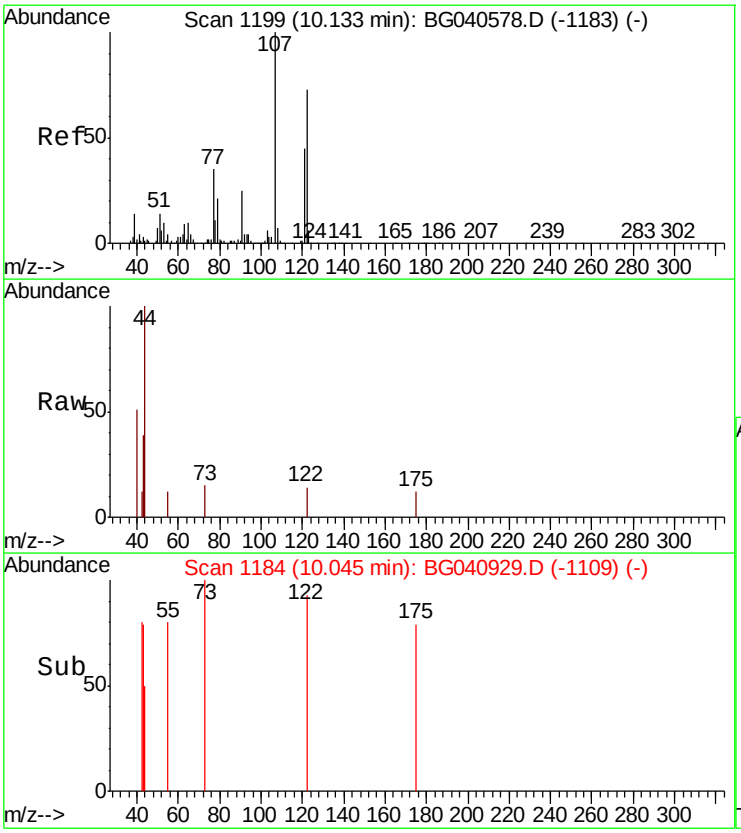
#25
Isophorone
Concen: 0.007 ng
RT: 9.84 min Scan# 1149
Delta R.T. -0.06 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion: 82 Resp: 73

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.9	10.3#
138	0.0	12.3	18.5#

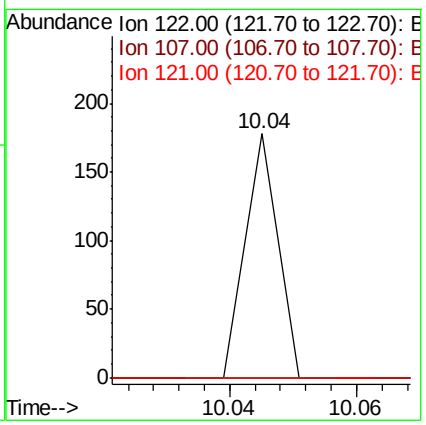


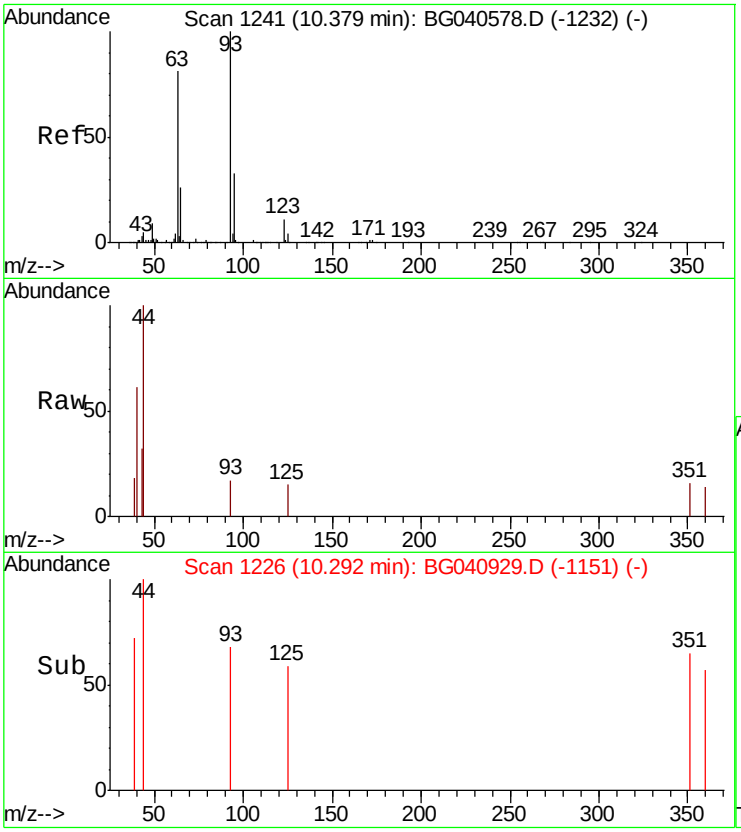


#27
2,4-Dimethylphenol
Concen: 0.018 ng
RT: 10.04 min Scan# 1184
Delta R.T. -0.09 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion:122 Resp: 63

Ion	Ratio	Lower	Upper
122	100		
107	0.0	110.1	165.1#
121	0.0	49.4	74.0#



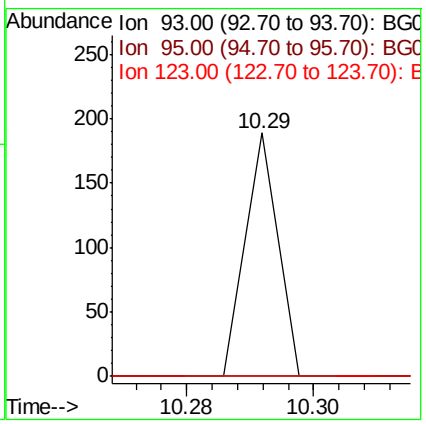


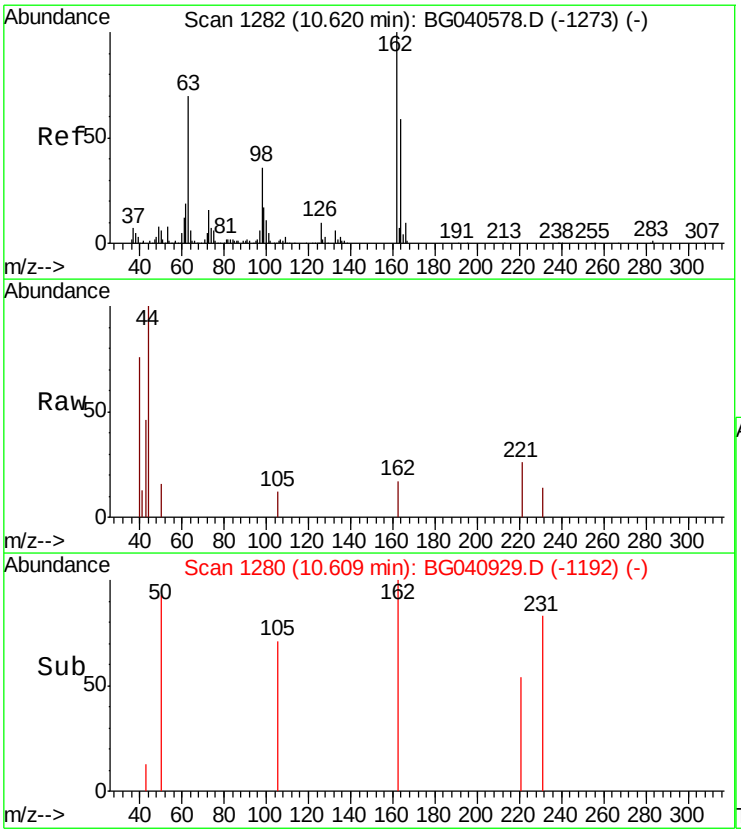
#28
bis(2-Chloroethoxy)methane
Concen: 0.012 ng
RT: 10.29 min Scan# 1226
Delta R.T. -0.09 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion: 93 Resp: 67

Ion	Ratio	Lower	Upper
93	100		
95	0.0	26.6	40.0#
123	0.0	9.0	13.4#

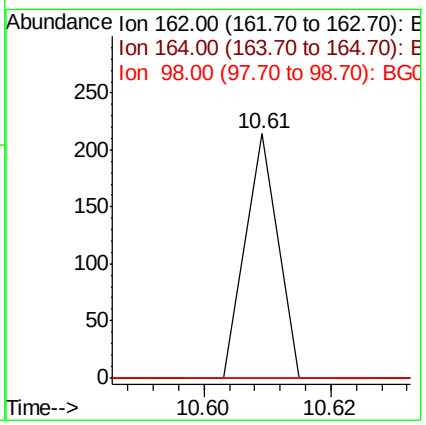


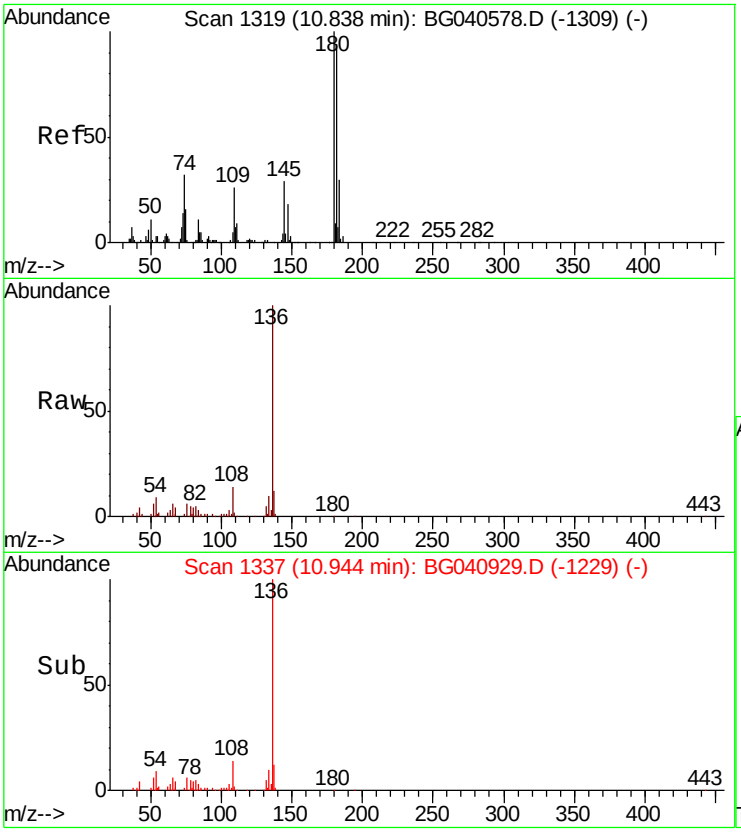


#29
2,4-Dichlorophenol
Concen: 0.019 ng
RT: 10.61 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion:162 Resp: 75

Ion	Ratio	Lower	Upper
162	100		
164	0.0	38.9	78.9#
98	0.0	16.8	56.8#



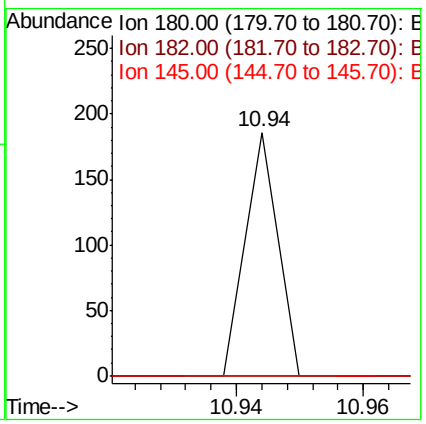


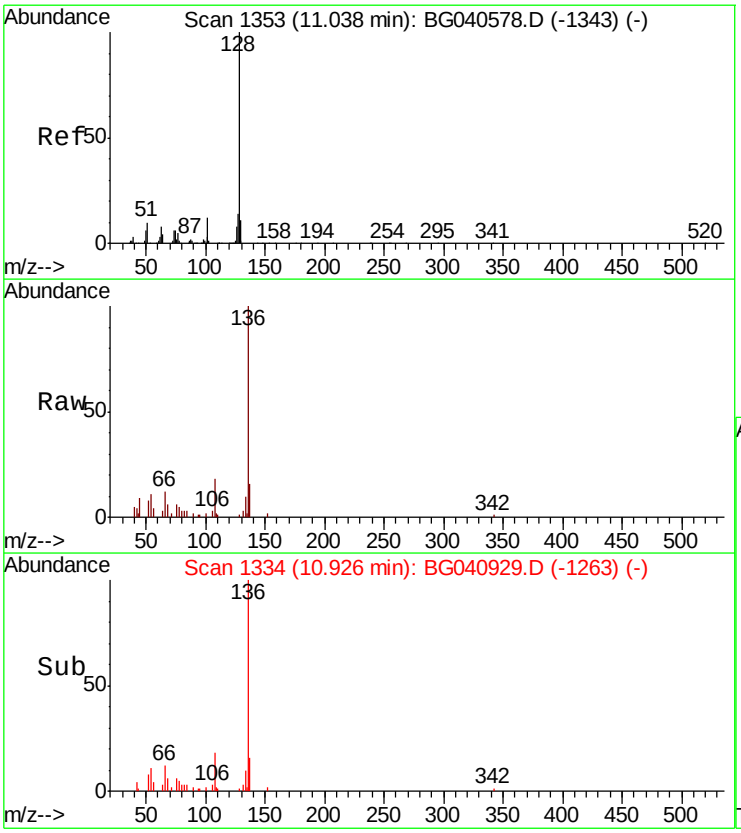
#30
1,2,4-Trichlorobenzene
Concen: 0.015 ng
RT: 10.94 min Scan# 1337
Delta R.T. 0.11 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion:180 Resp: 66

Ion	Ratio	Lower	Upper
180	100		
182	0.0	75.2	112.8#
145	0.0	23.6	35.4#

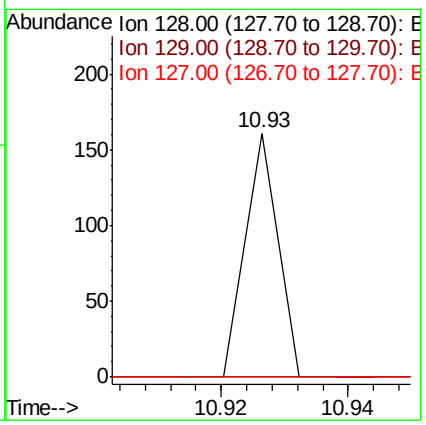


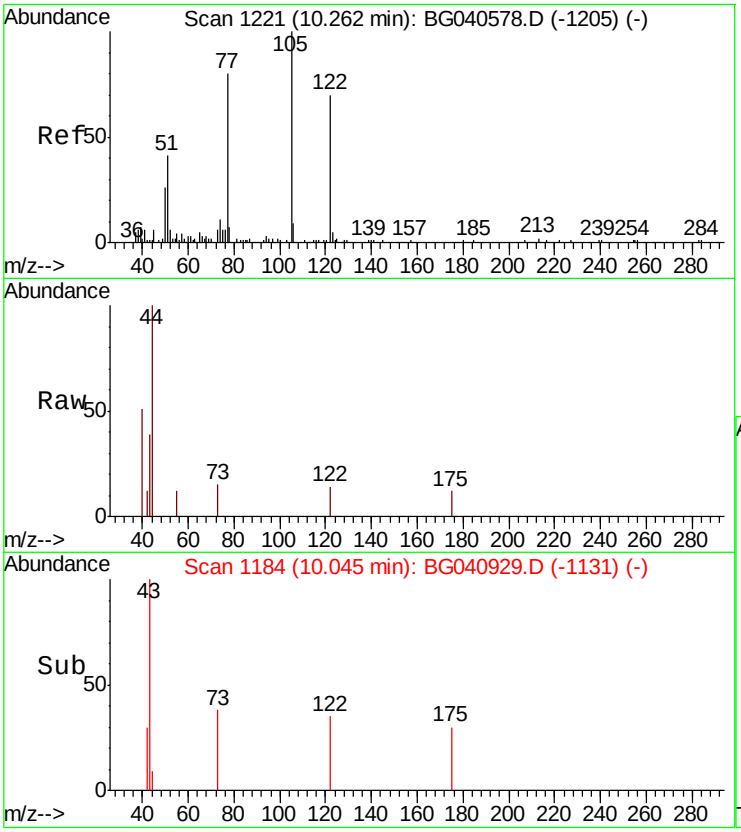


#31
Naphthalene
Concen: 0.005 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.11 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion:128 Resp: 57

Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.0	13.6#
127	0.0	11.3	16.9#



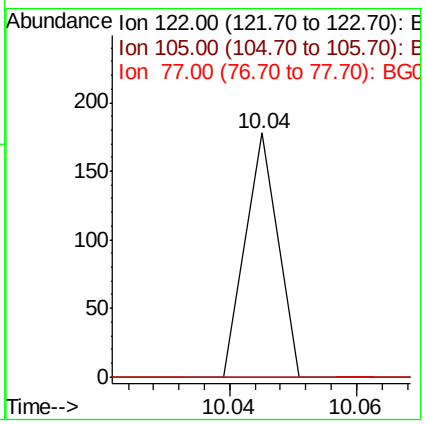


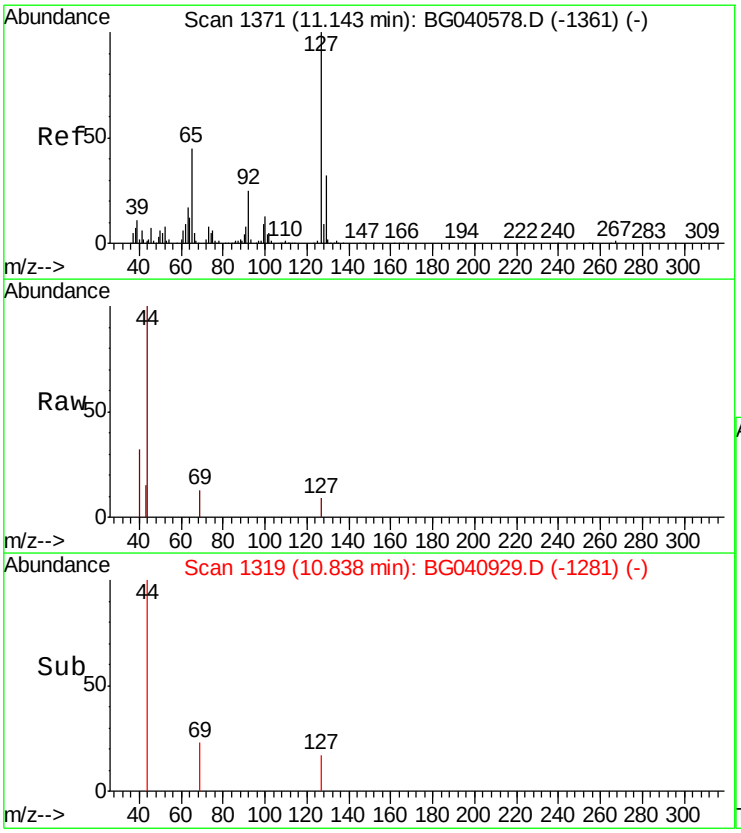
#32
Benzoic acid
Concen: 0.027 ng
RT: 10.04 min Scan# 1184
Delta R.T. -0.22 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion:122 Resp: 63

Ion	Ratio	Lower	Upper
122	100		
105	0.0	110.9	150.9#
77	0.0	87.6	127.6#

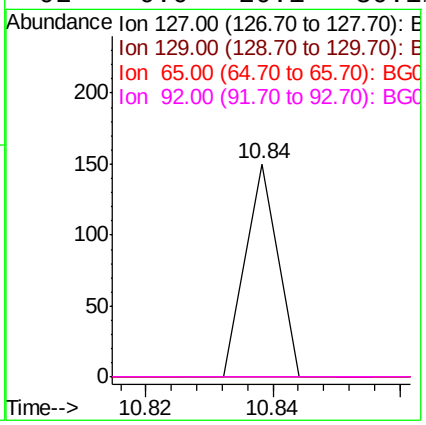


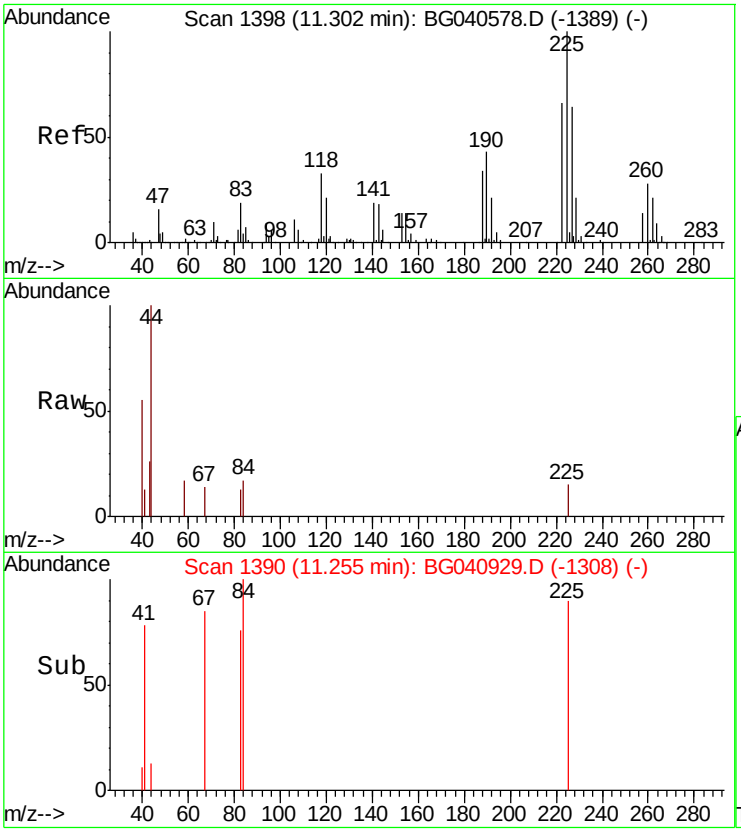


#33
4-Chloroaniline
Concen: 0.010 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.31 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion:127 Resp: 53

Ion	Ratio	Lower	Upper
127	100		
129	0.0	25.7	38.5#
65	0.0	36.1	54.1#
92	0.0	20.1	30.1#



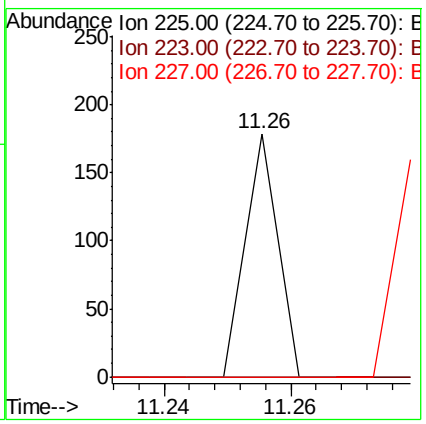


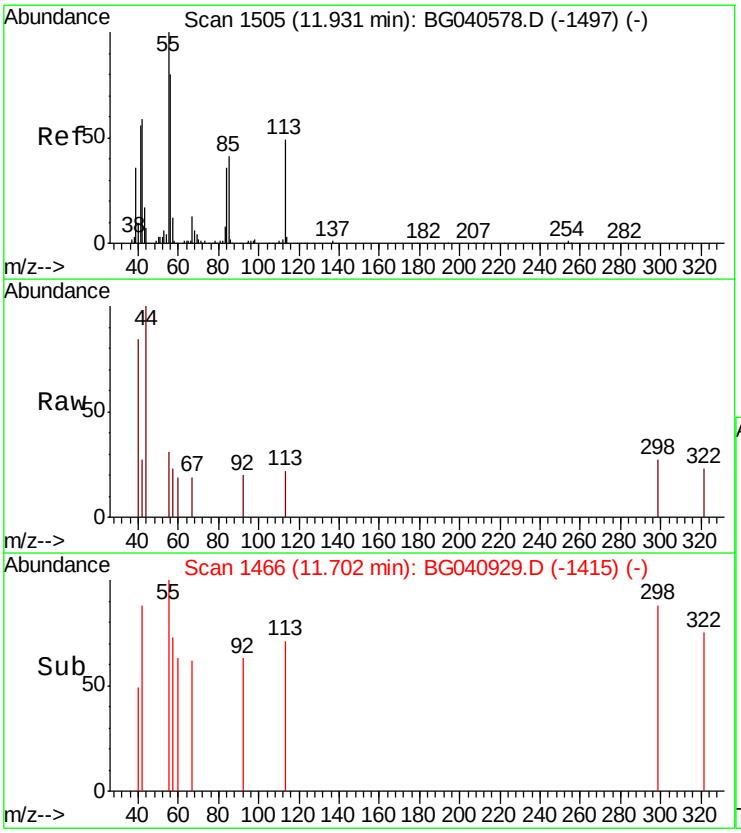
#34
Hexachlorobutadiene
Concen: 0.020 ng
RT: 11.26 min Scan# 1390
Delta R.T. -0.05 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion:225 Resp: 63

Ion	Ratio	Lower	Upper
225	100		
223	0.0	50.4	75.6#
227	0.0	51.0	76.6#

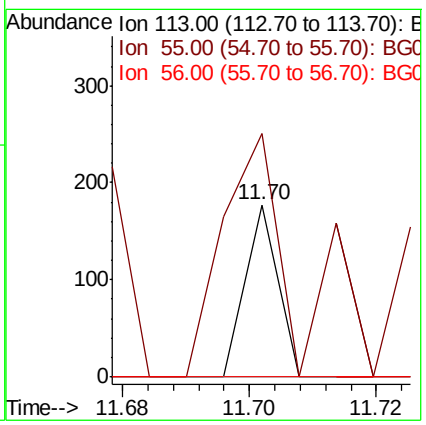


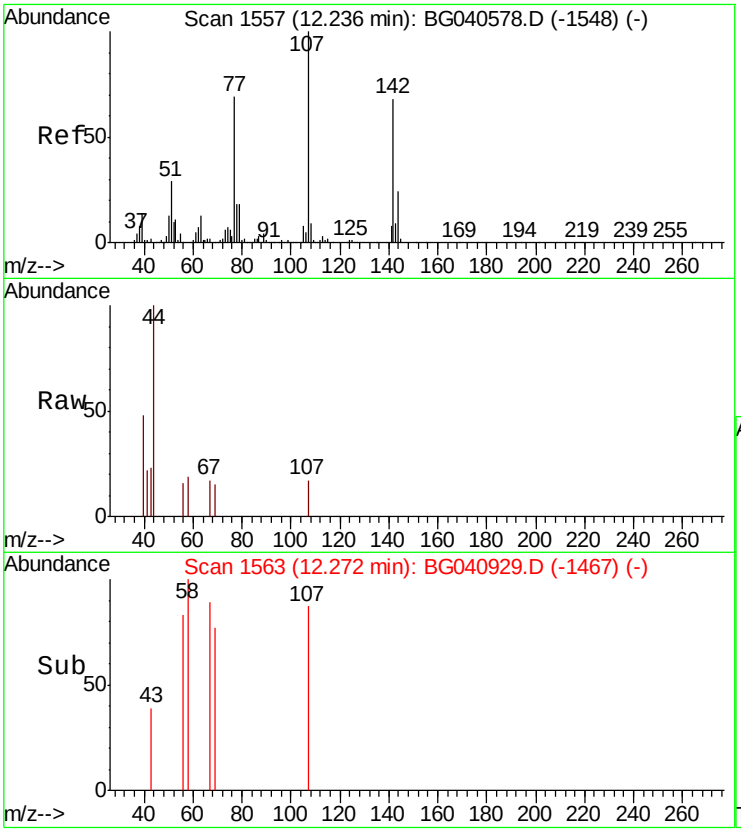


#35
Caprolactam
Concen: 0.040 ng
RT: 11.70 min Scan# 1466
Delta R.T. -0.23 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion:113 Resp: 62

Ion	Ratio	Lower	Upper
113	100		
55	141.8	198.6	238.6#
56	0.0	148.4	188.4#



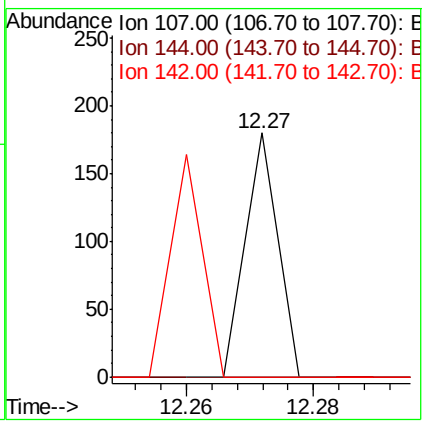


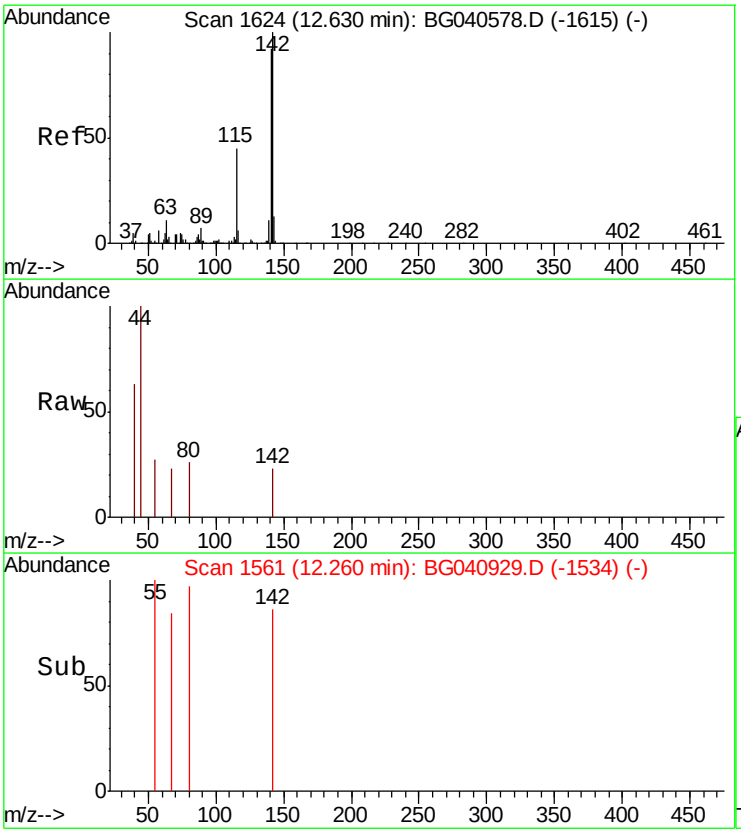
#36
4-Chloro-3-methylphenol
Concen: 0.013 ng
RT: 12.27 min Scan# 1563
Delta R.T. 0.04 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion:107 Resp: 63

Ion	Ratio	Lower	Upper
107	100		
144	0.0	19.3	28.9#
142	0.0	54.6	81.8#

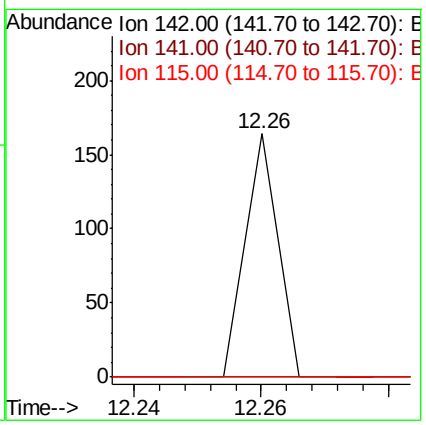


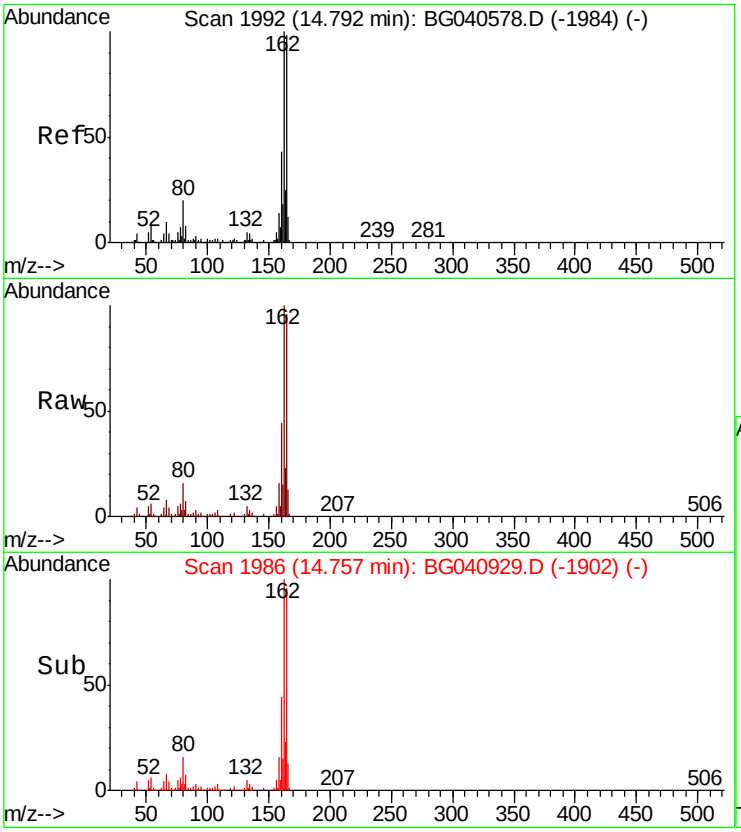


#37
2-Methylnaphthalene
Concen: 0.007 ng
RT: 12.26 min Scan# 1561
Delta R.T. -0.37 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion:142 Resp: 58

Ion	Ratio	Lower	Upper
142	100		
141	0.0	73.4	110.2#
115	0.0	36.2	54.4#



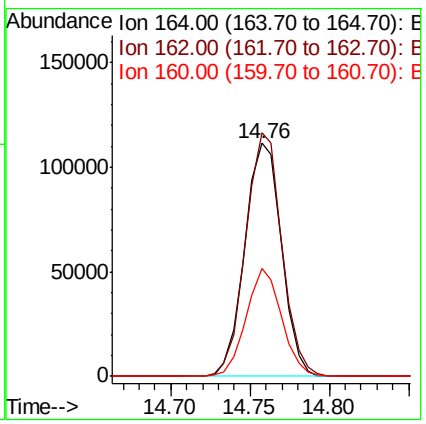


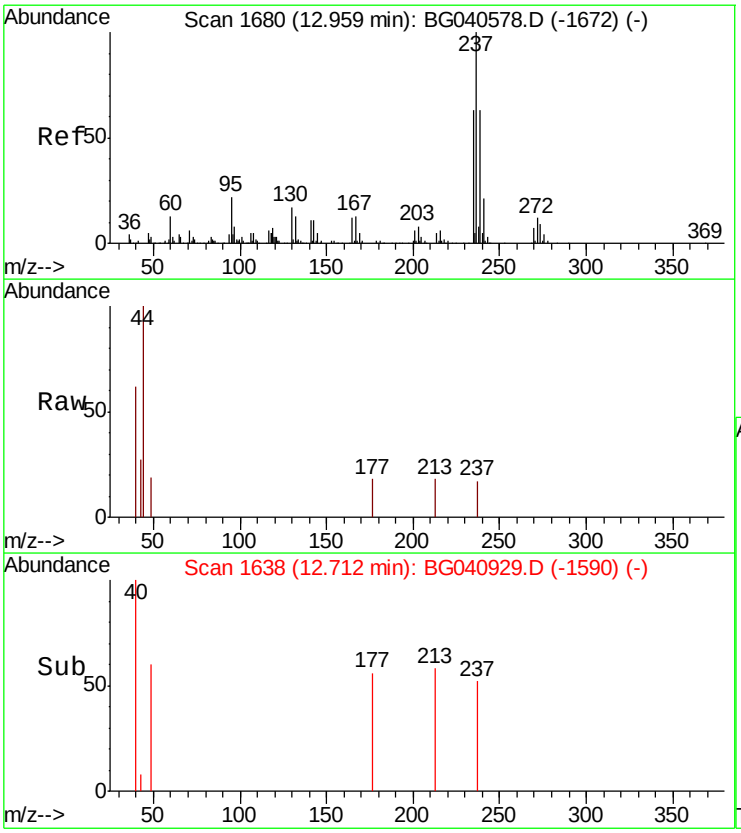
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.03 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion:164 Resp: 179497

Ion	Ratio	Lower	Upper
164	100		
162	104.5	81.9	122.9
160	46.3	35.4	53.2

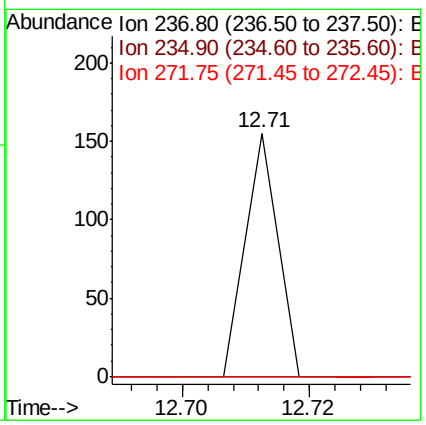


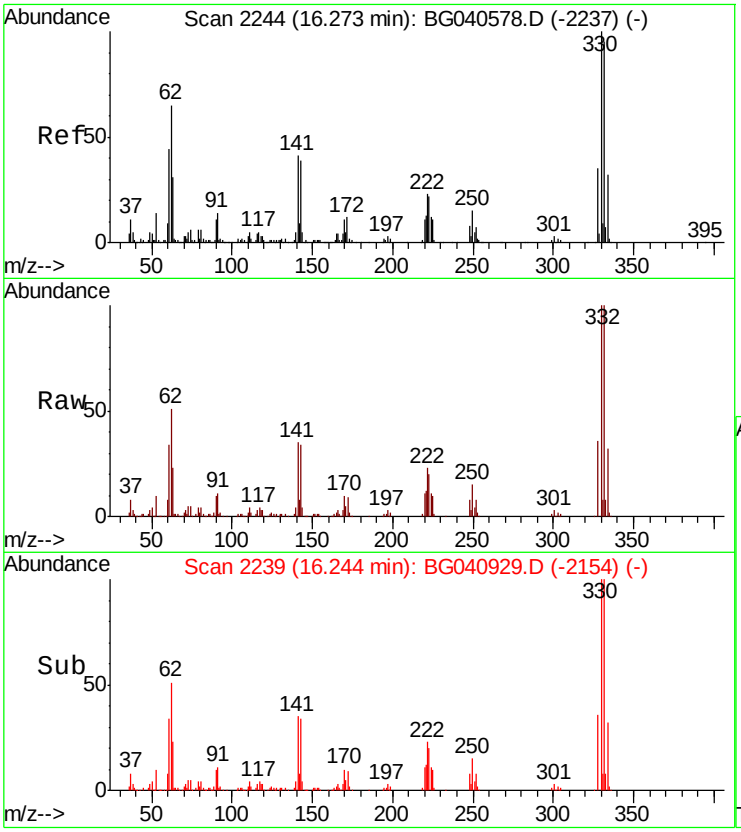


#41
Hexachlorocyclopentadiene
Concen: 0.014 ng
RT: 12.71 min Scan# 1638
Delta R.T. -0.25 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion:237 Resp: 55

Ion	Ratio	Lower	Upper
237	100		
235	0.0	42.5	82.5#
272	0.0	0.0	31.6



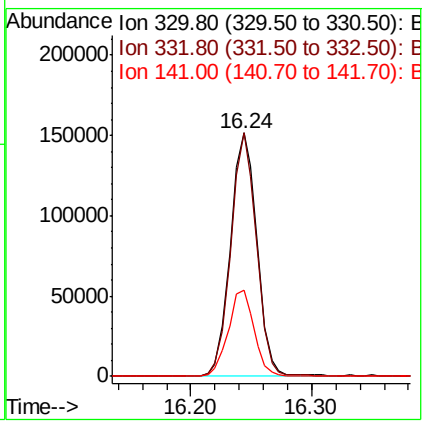


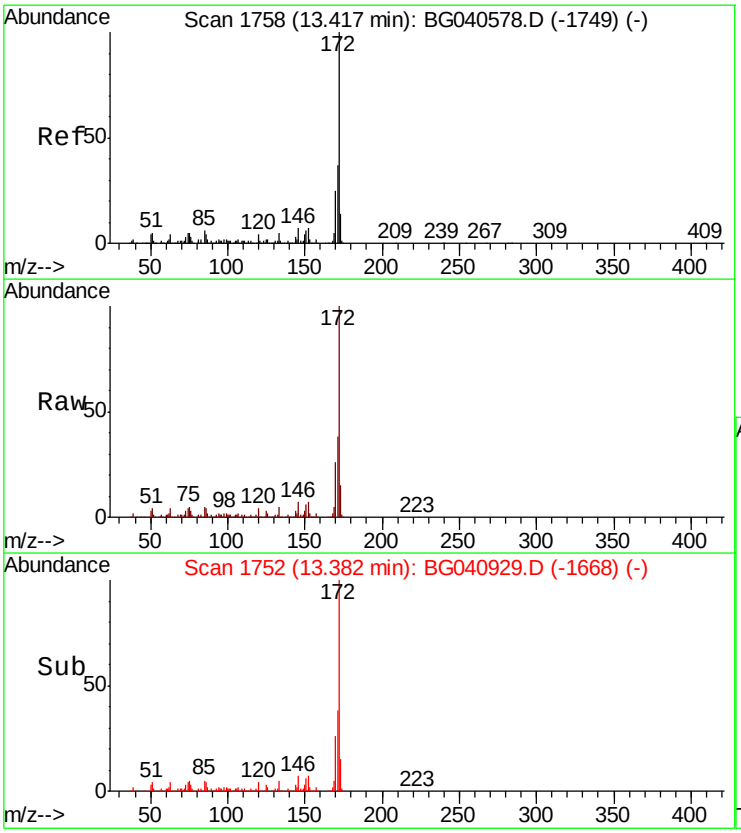
#42
2,4,6-Tribromophenol
Concen: 93.826 ng
RT: 16.24 min Scan# 2239
Delta R.T. -0.03 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion:330 Resp: 231490

Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.9	113.9
141	34.8	32.4	48.6

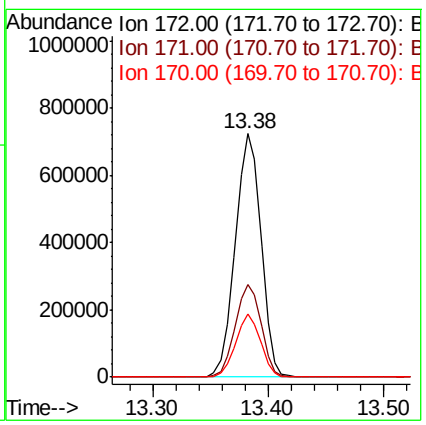


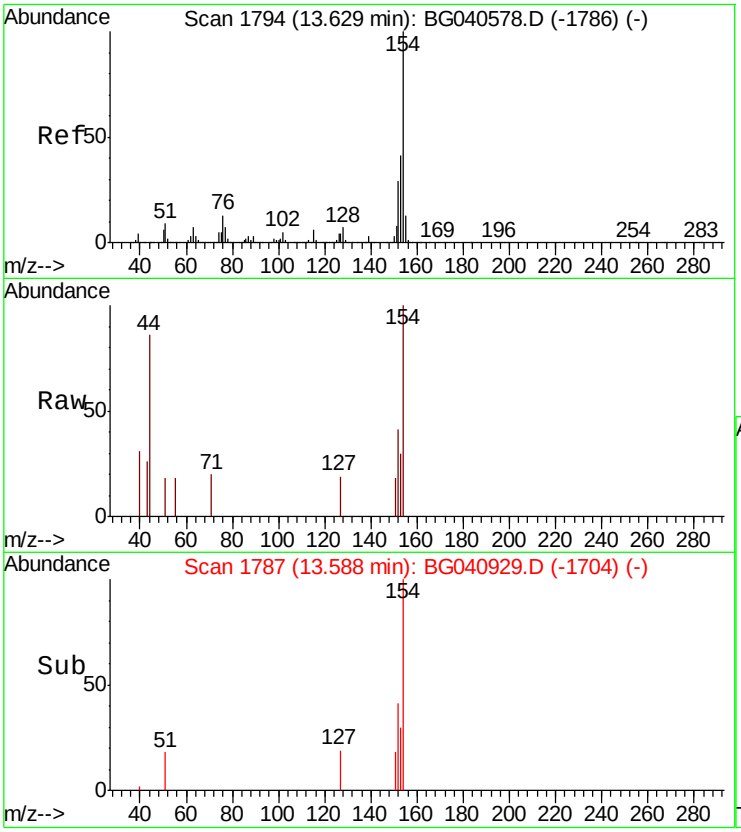


#45
2-Fluorobiphenyl
Concen: 89.877 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.03 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion:172 Resp: 1117066

Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.4	44.2
170	25.7	19.9	29.9



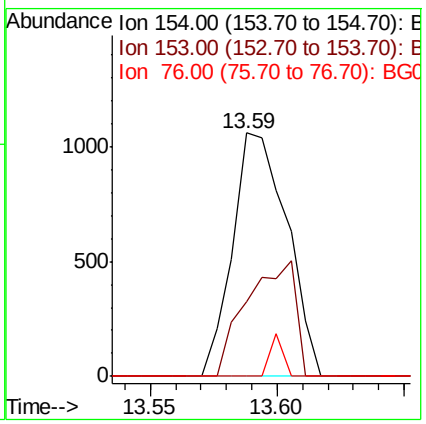


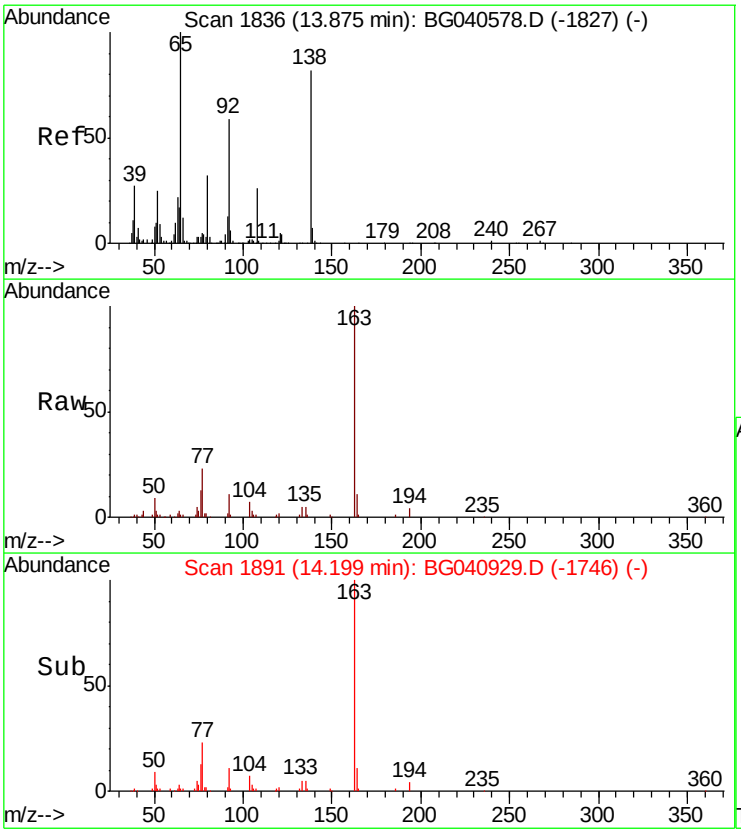
#46
1,1'-Biphenyl
Concen: 0.114 ng
RT: 13.59 min Scan# 1787
Delta R.T. -0.04 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion:154 Resp: 1585

Ion	Ratio	Lower	Upper
154	100		
153	30.4	20.5	60.5
76	0.0	0.0	32.5

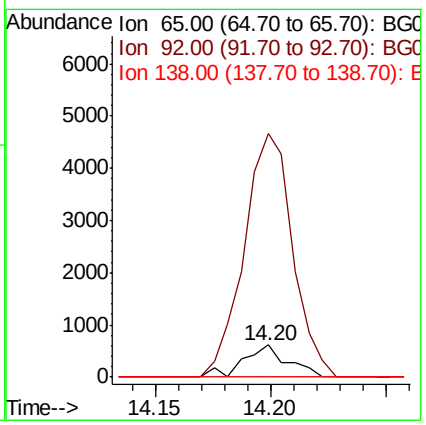


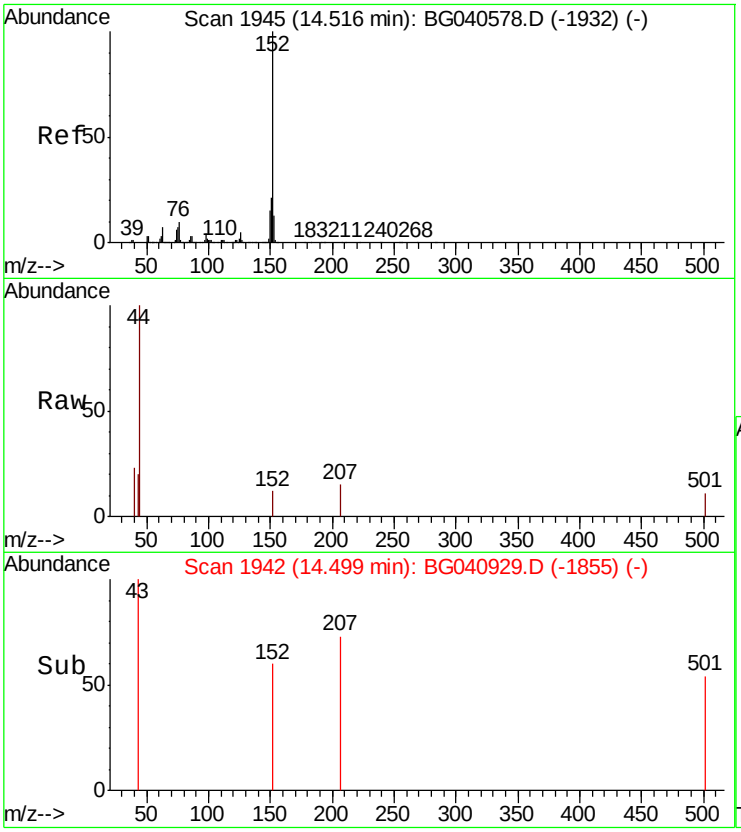


#48
2-Nitroaniline
Concen: 0.209 ng
RT: 14.20 min Scan# 1891
Delta R.T. 0.32 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion: 65 Resp: 813

Ion	Ratio	Lower	Upper
65	100		
92	764.9	47.4	71.0#
138	0.0	66.1	99.1#



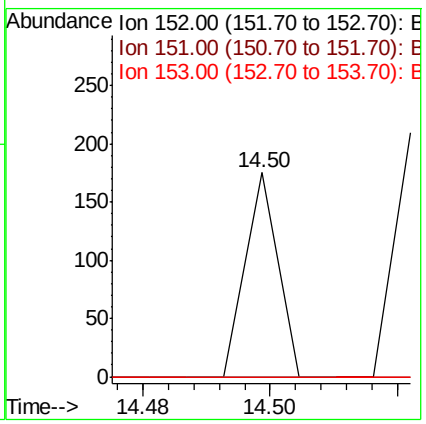


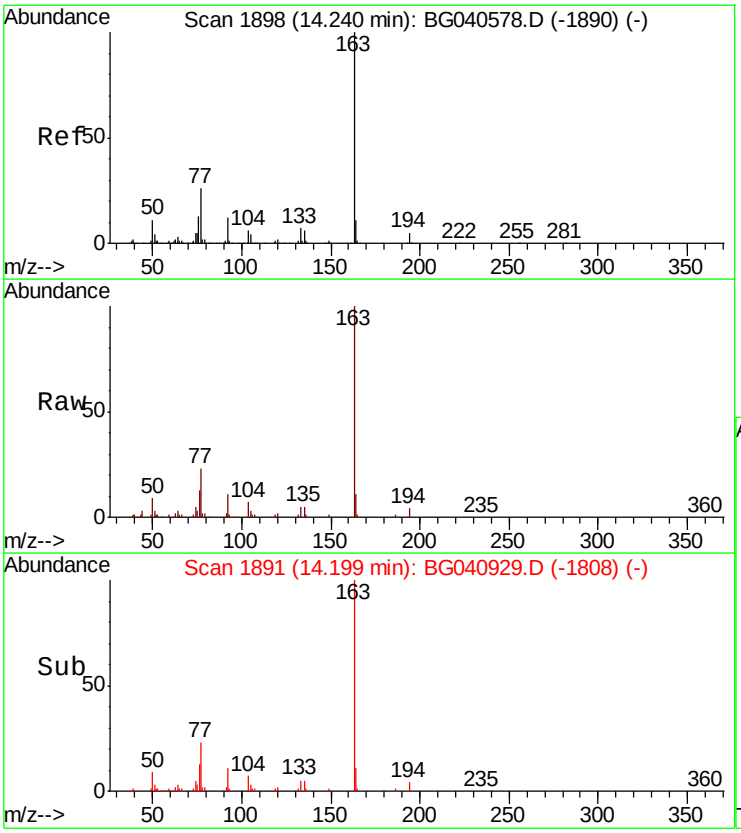
#49
Acenaphthylene
Concen: 0.003 ng
RT: 14.50 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion:152 Resp: 62

Ion	Ratio	Lower	Upper
152	100		
151	0.0	17.2	25.8#
153	0.0	10.7	16.1#

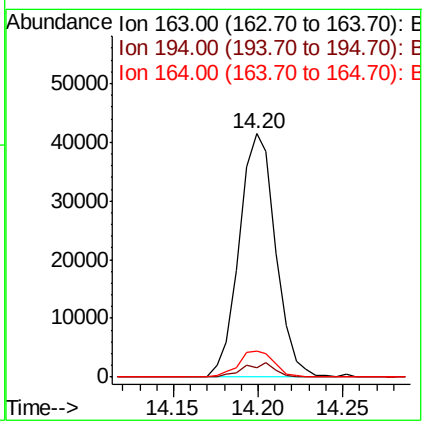


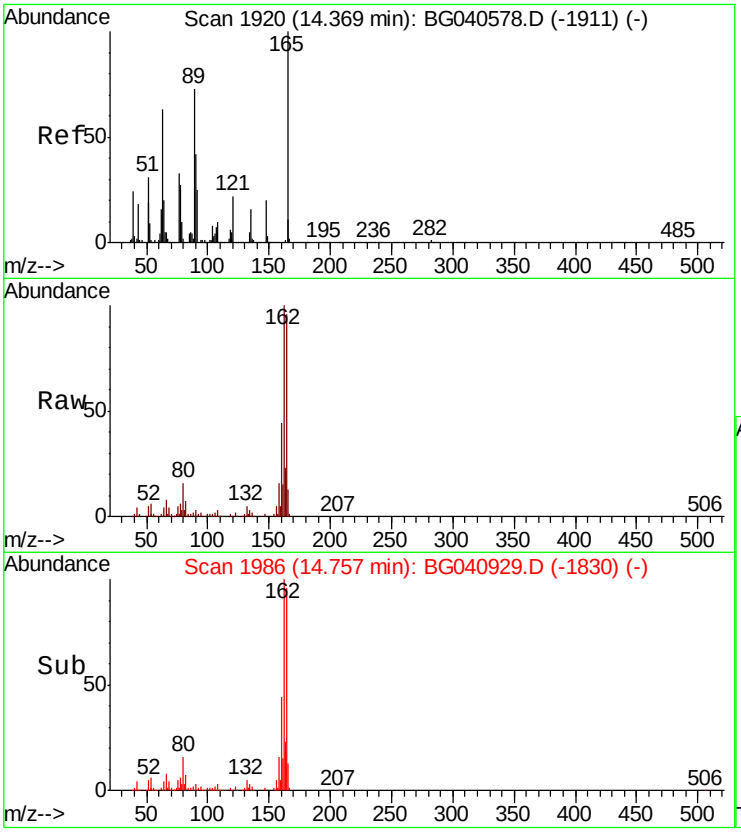


#50
Dimethylphthalate
Concen: 4.142 ng
RT: 14.20 min Scan# 1891
Delta R.T. -0.04 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion:163 Resp: 62206

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.8	5.8
164	10.6	8.8	13.2



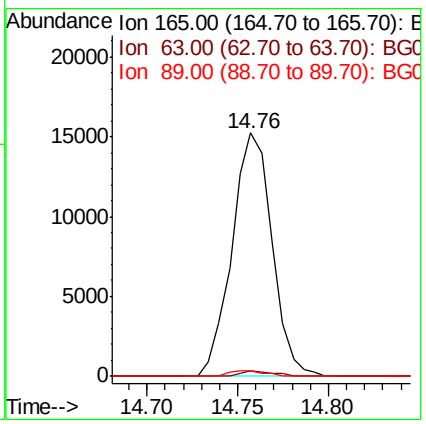


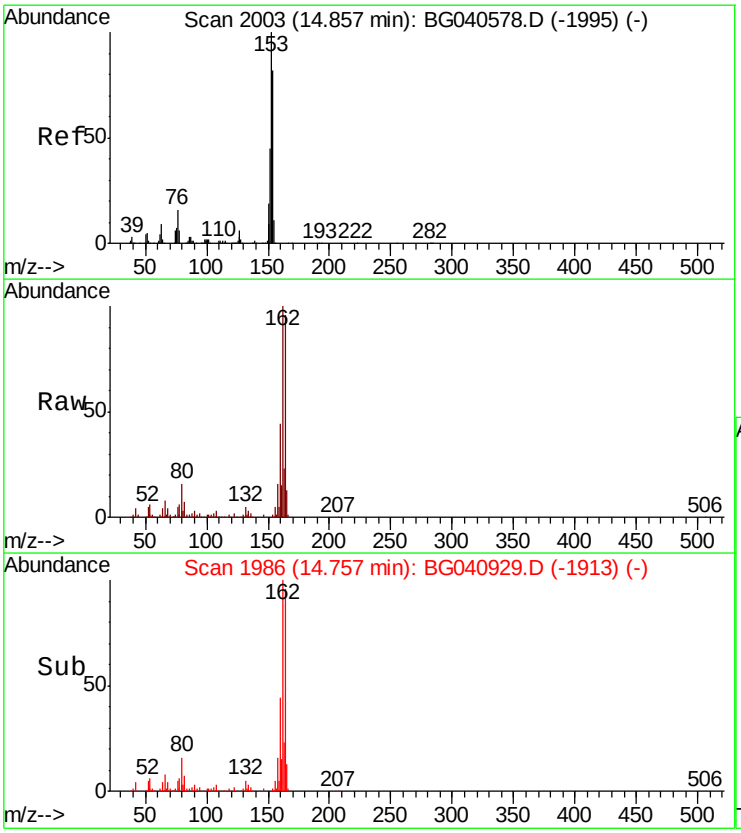
#51
2,6-Dinitrotoluene
Concen: 7.983 ng
RT: 14.76 min Scan# 1986
Delta R.T. 0.39 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion:165 Resp: 23399

Ion	Ratio	Lower	Upper
165	100		
63	2.4	61.0	91.4#
89	2.4	58.6	87.8#

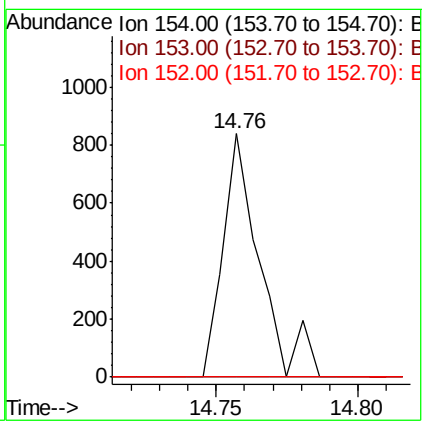


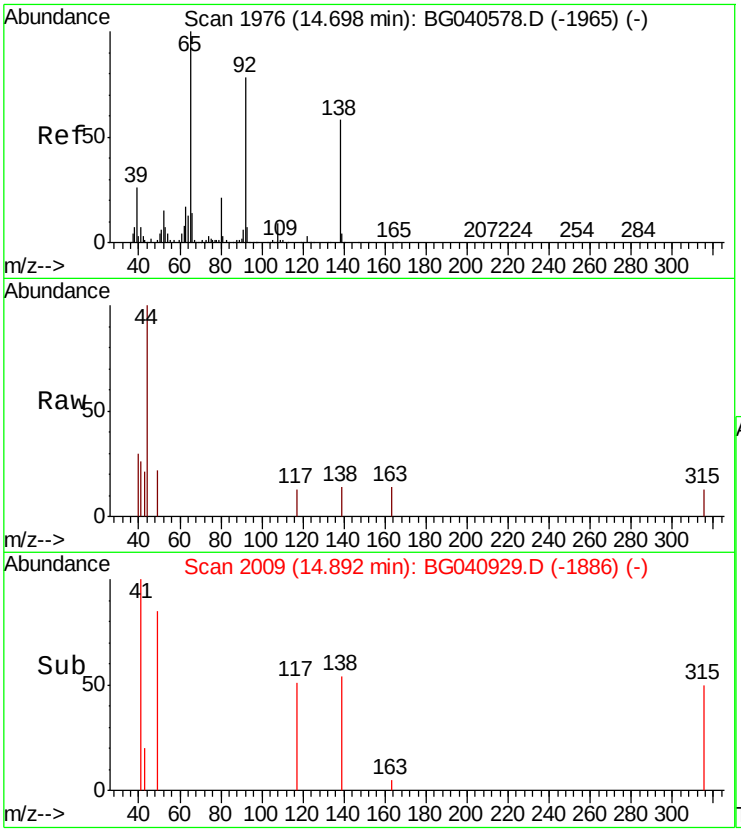


#52
Acenaphthene
Concen: 0.070 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.10 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion:154 Resp: 757

Ion	Ratio	Lower	Upper
154	100		
153	0.0	97.0	145.6#
152	0.0	44.1	66.1#



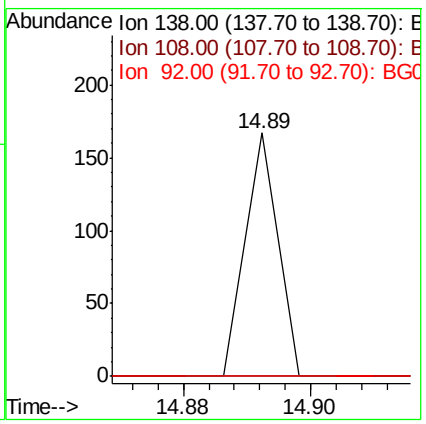


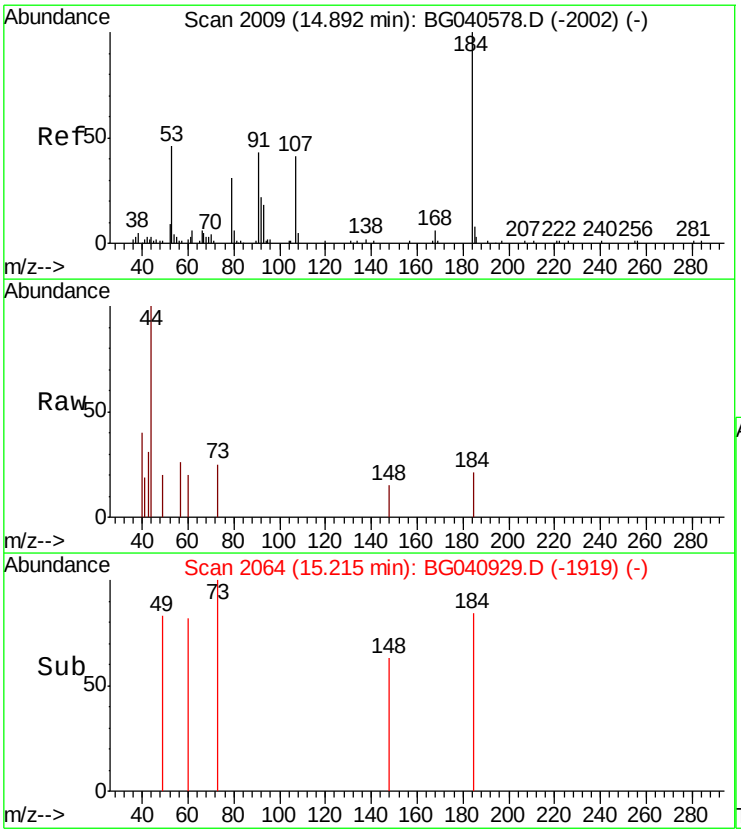
#53
3-Nitroaniline
Concen: 0.020 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.19 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion:138 Resp: 59

Ion	Ratio	Lower	Upper
138	100		
108	0.0	12.4	18.6#
92	0.0	108.6	162.8#

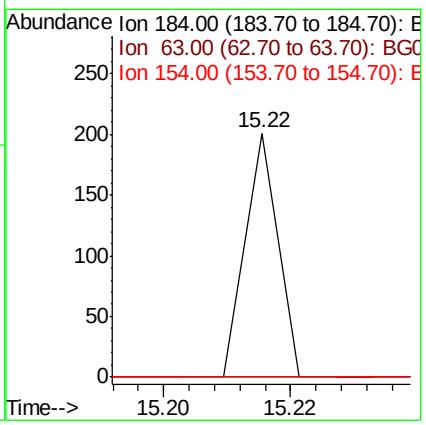


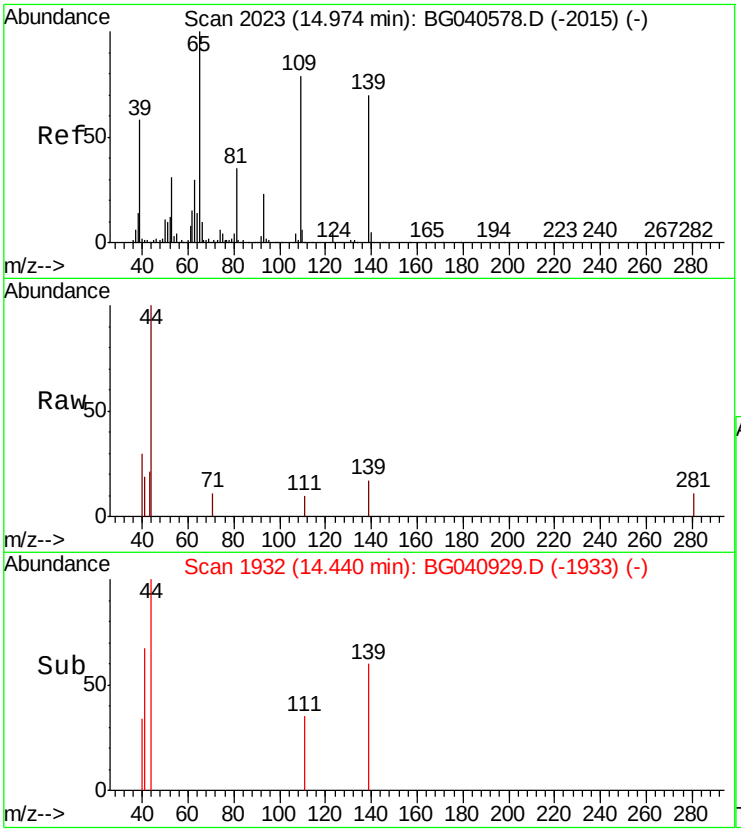


#54
2,4-Dinitrophenol
Concen: 7.054 ng
RT: 15.22 min Scan# 2064
Delta R.T. 0.32 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion:184 Resp: 71

Ion	Ratio	Lower	Upper
184	100		
63	0.0	51.8	77.6#
154	0.0	43.6	65.4#



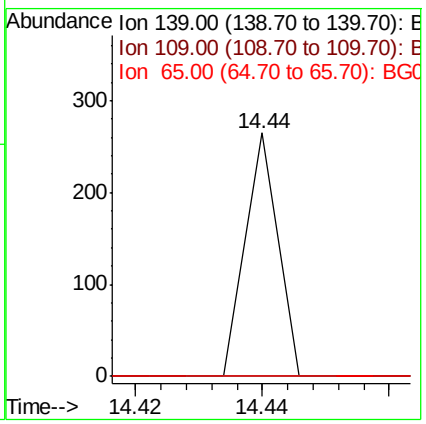


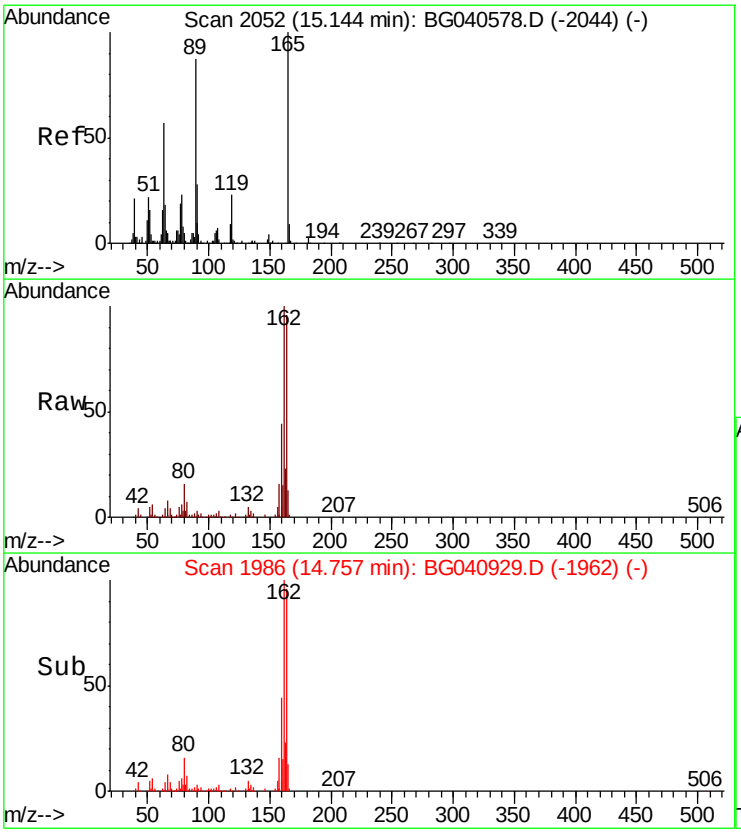
#56
4-Nitrophenol
Concen: 0.036 ng
RT: 14.44 min Scan# 1932
Delta R.T. -0.53 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion:139 Resp: 93

Ion	Ratio	Lower	Upper
139	100		
109	0.0	93.8	133.8#
65	0.0	122.7	162.7#

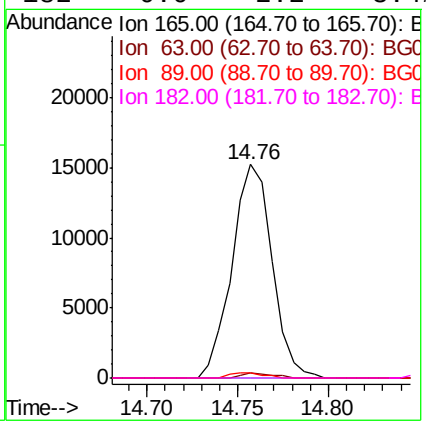


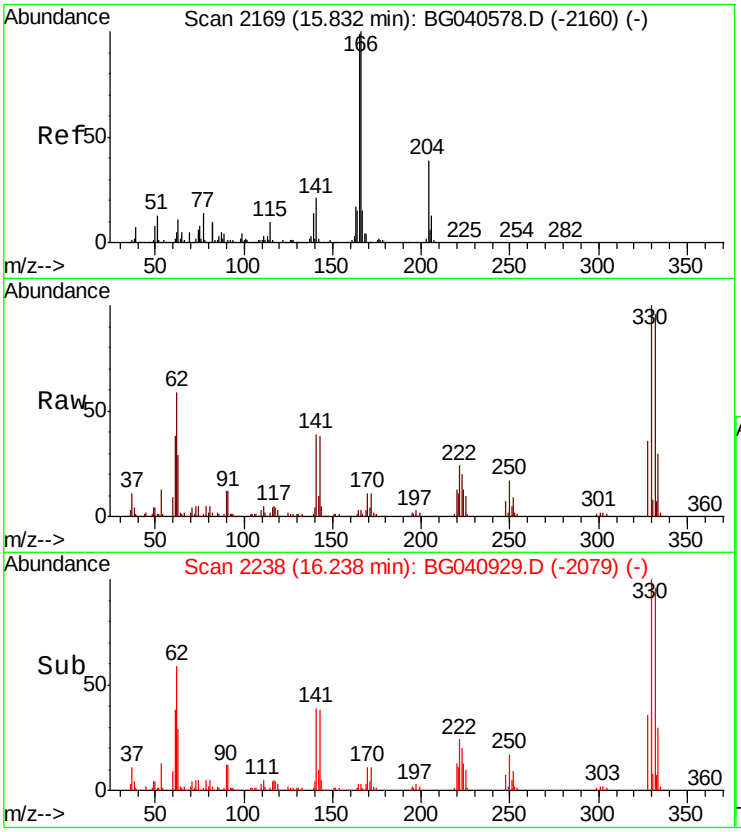


#57
2,4-Dinitrotoluene
Concen: 5.875 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.39 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion:165 Resp: 23399

Ion	Ratio	Lower	Upper
165	100		
63	2.4	45.8	68.8#
89	2.4	69.4	104.2#
182	0.0	2.2	3.4#



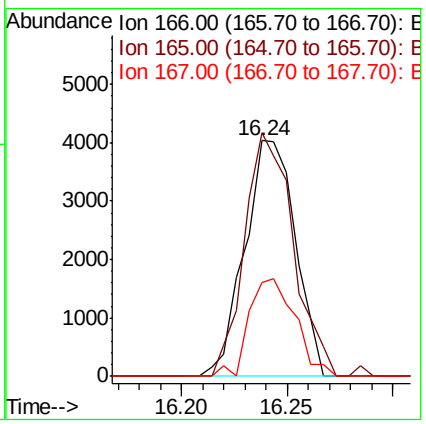


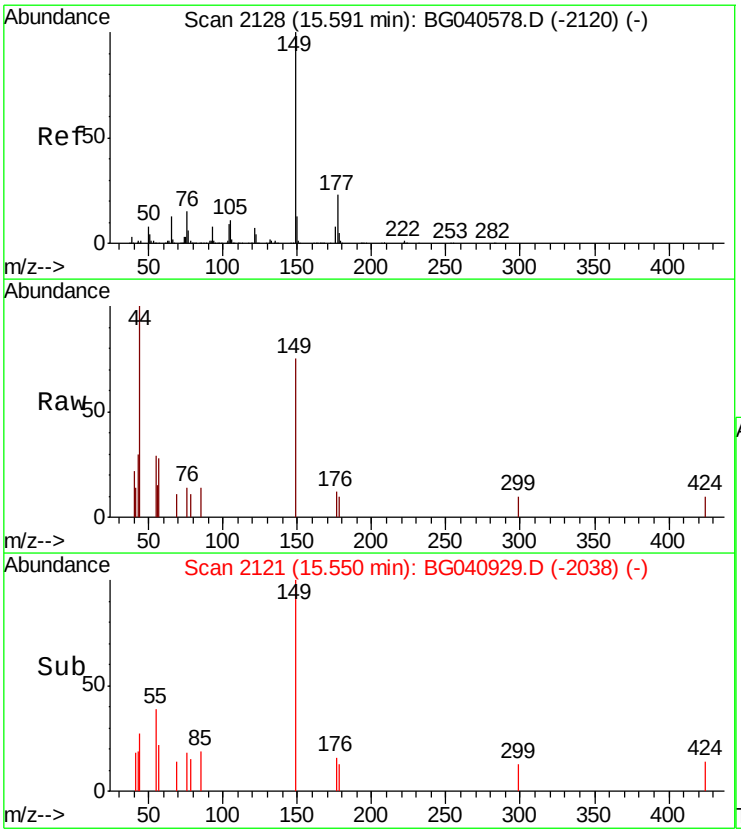
#58
Fluorene
Concen: 0.472 ng
RT: 16.24 min Scan# 2238
Delta R.T. 0.41 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion:166 Resp: 6736

Ion	Ratio	Lower	Upper
166	100		
165	103.4	79.6	119.4
167	39.8	12.2	18.2#

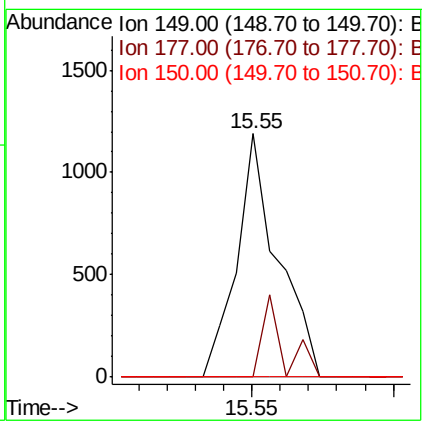


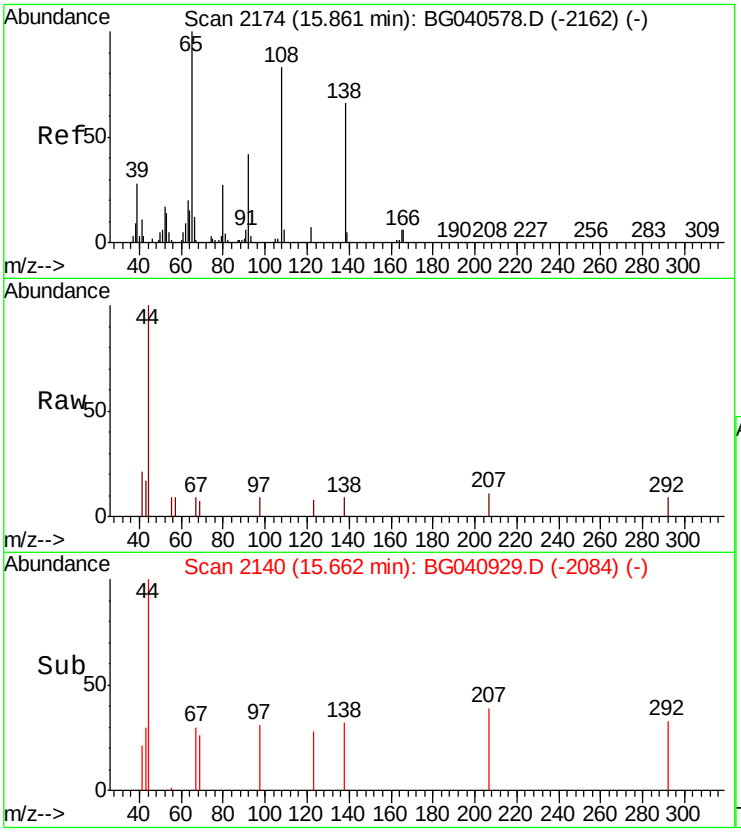


#60
Diethylphthalate
Concen: 0.076 ng
RT: 15.55 min Scan# 2121
Delta R.T. -0.04 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion:149 Resp: 1204

Ion	Ratio	Lower	Upper
149	100		
177	0.0	18.5	27.7#
150	0.0	10.2	15.4#



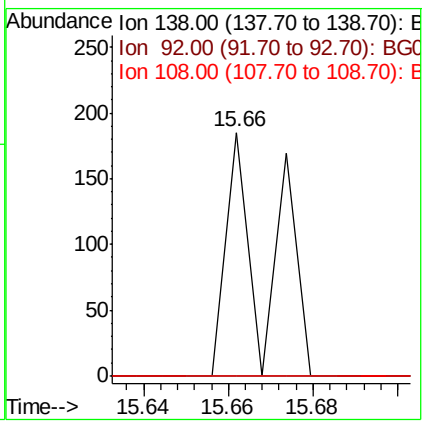


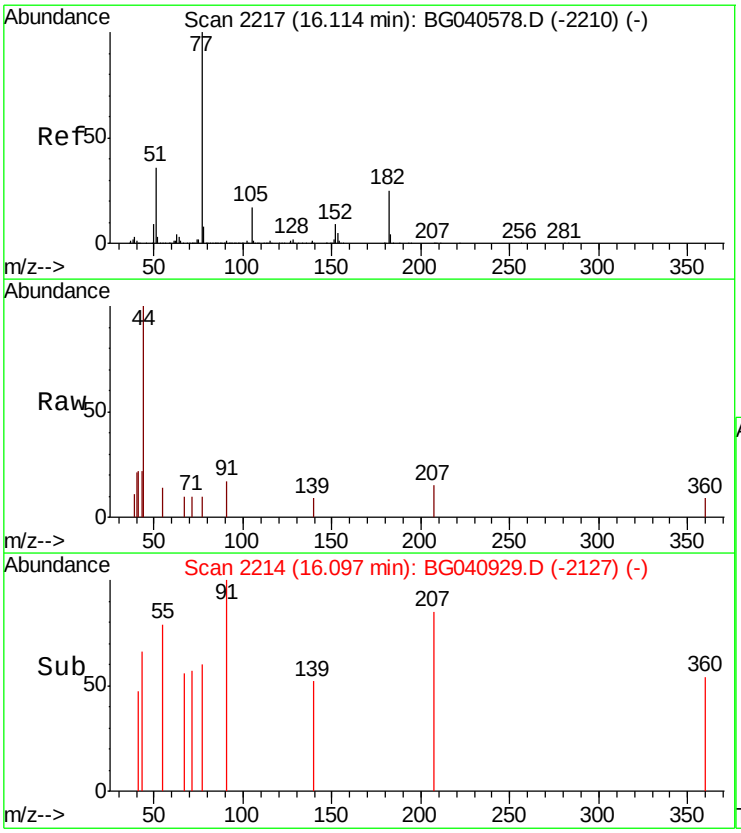
#62
4-Nitroaniline
Concen: 0.037 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.20 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion:138 Resp: 125

Ion	Ratio	Lower	Upper
138	100		
92	0.0	43.9	83.9#
108	0.0	106.5	146.5#

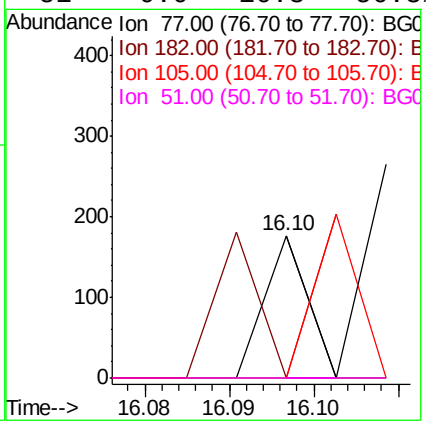


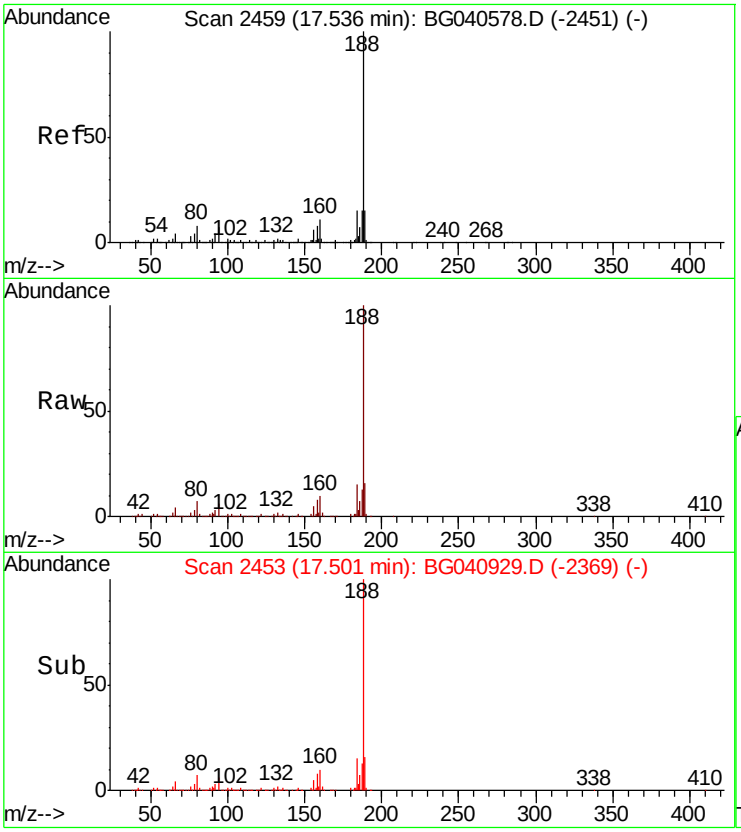


#63
Azobenzene
Concen: 0.004 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion: 77 Resp: 62

Ion	Ratio	Lower	Upper
77	100		
182	0.0	5.0	45.0#
105	0.0	0.0	37.6
51	0.0	16.3	56.3#



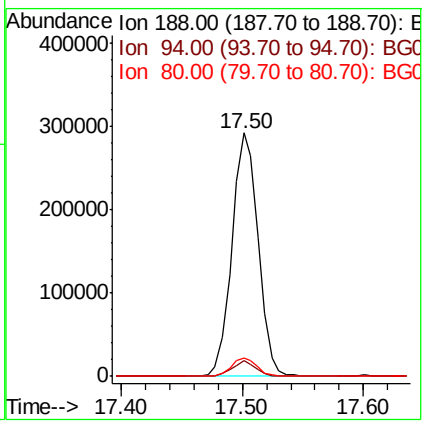


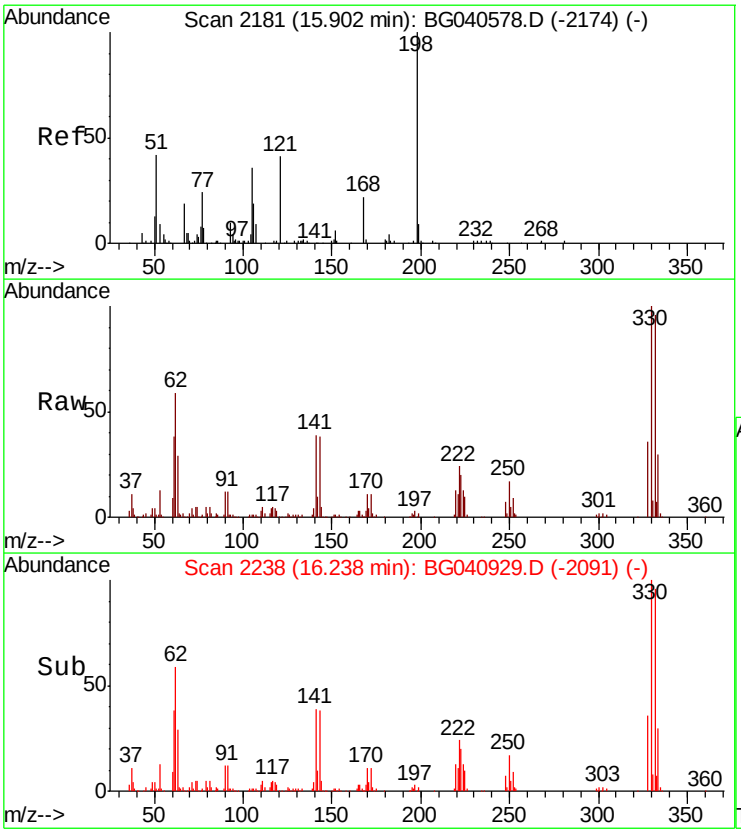
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.03 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion:188 Resp: 441796

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.6	8.4
80	7.4	6.4	9.6

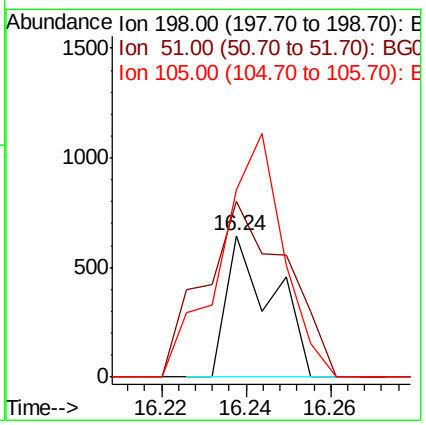


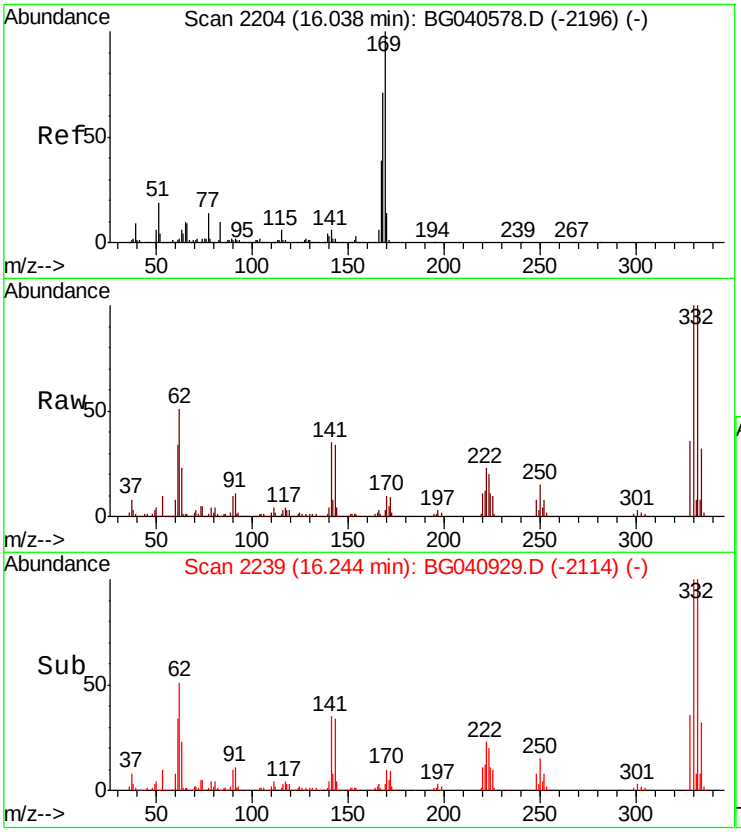


#65
4,6-Dinitro-2-methylphenol
Concen: 7.295 ng
RT: 16.24 min Scan# 2238
Delta R.T. 0.34 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion:198 Resp: 496

Ion	Ratio	Lower	Upper
198	100		
51	123.6	35.9	75.9#
105	132.1	21.2	61.2#



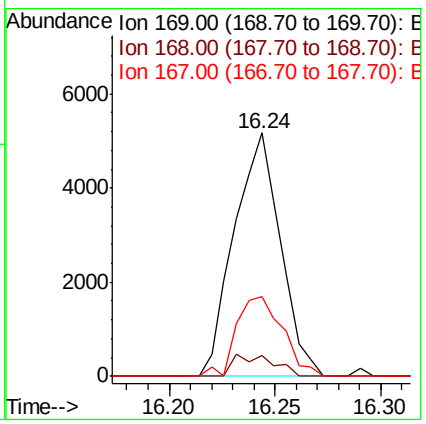


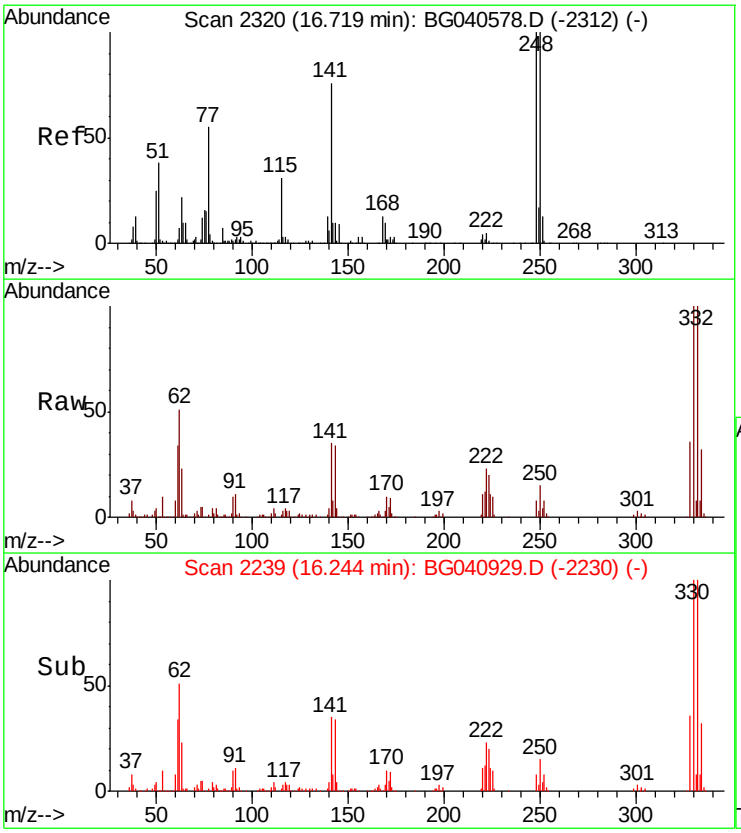
#66
n-Nitrosodiphenylamine
Concen: 0.605 ng
RT: 16.24 min Scan# 2239
Delta R.T. 0.21 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion:169 Resp: 7866

Ion	Ratio	Lower	Upper
169	100		
168	8.8	56.8	85.2#
167	41.3	31.4	47.0

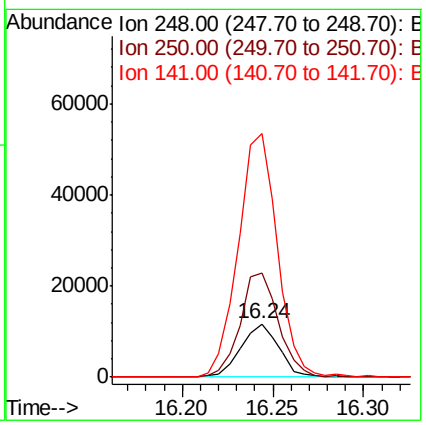


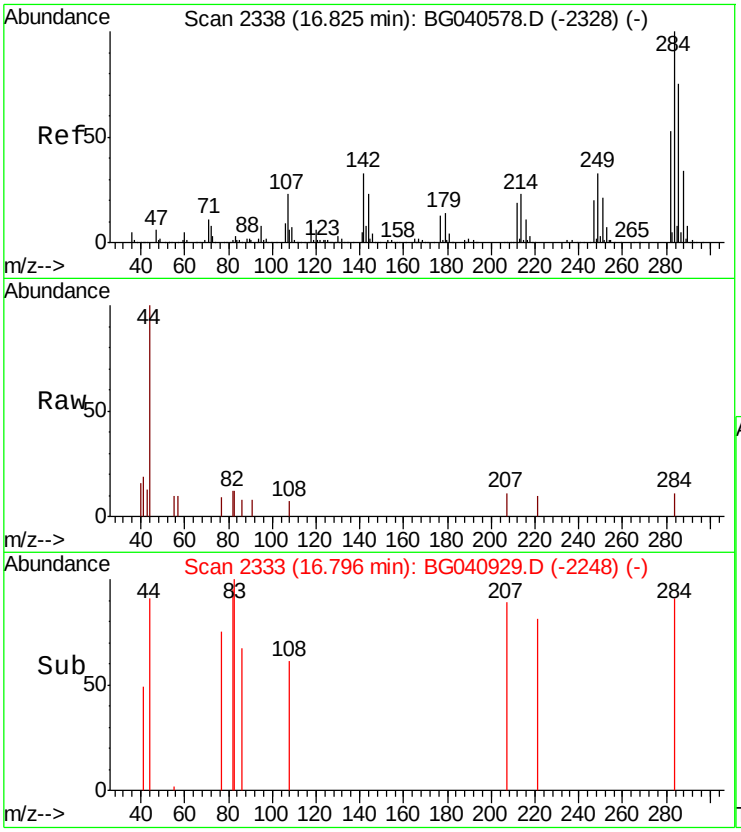


#67
4-Bromophenyl-phenylether
Concen: 3.052 ng
RT: 16.24 min Scan# 2239
Delta R.T. -0.48 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion:248 Resp: 16801

Ion	Ratio	Lower	Upper
248	100		
250	196.8	79.8	119.6#
141	459.0	60.8	91.2#



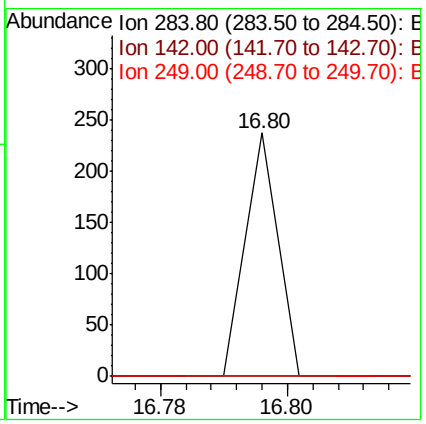


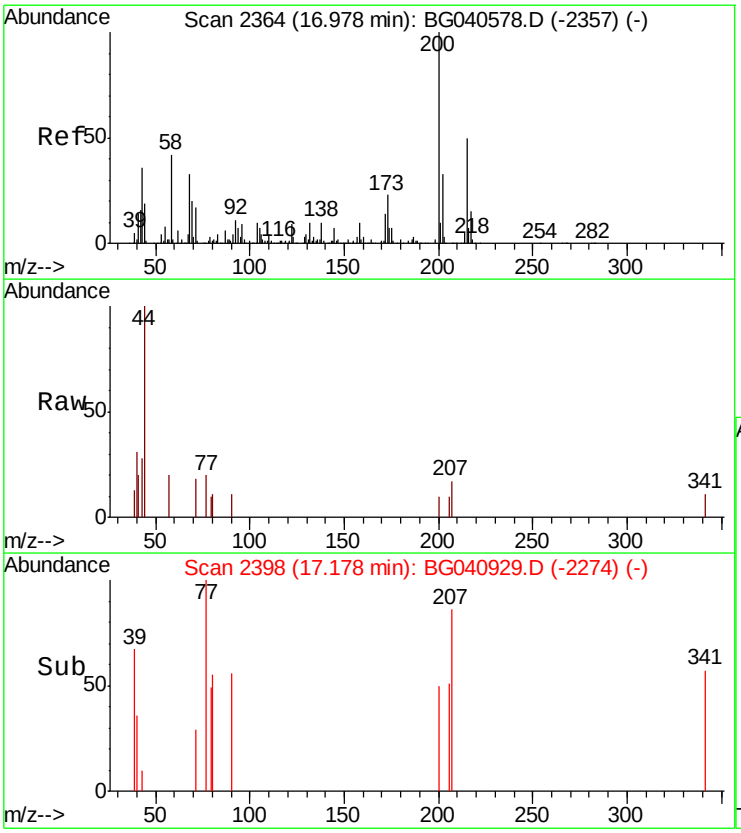
#68
Hexachlorobenzene
Concen: 0.015 ng
RT: 16.80 min Scan# 2333
Delta R.T. -0.03 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion:284 Resp: 84

Ion	Ratio	Lower	Upper
284	100		
142	0.0	26.6	40.0#
249	0.0	26.0	39.0#

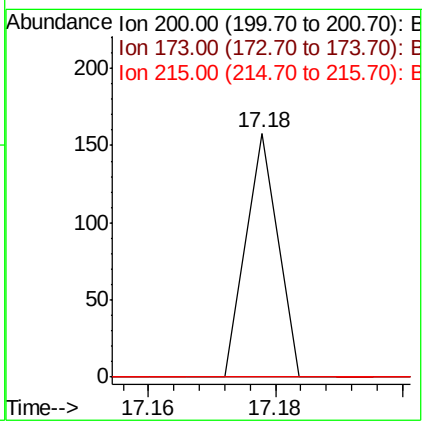


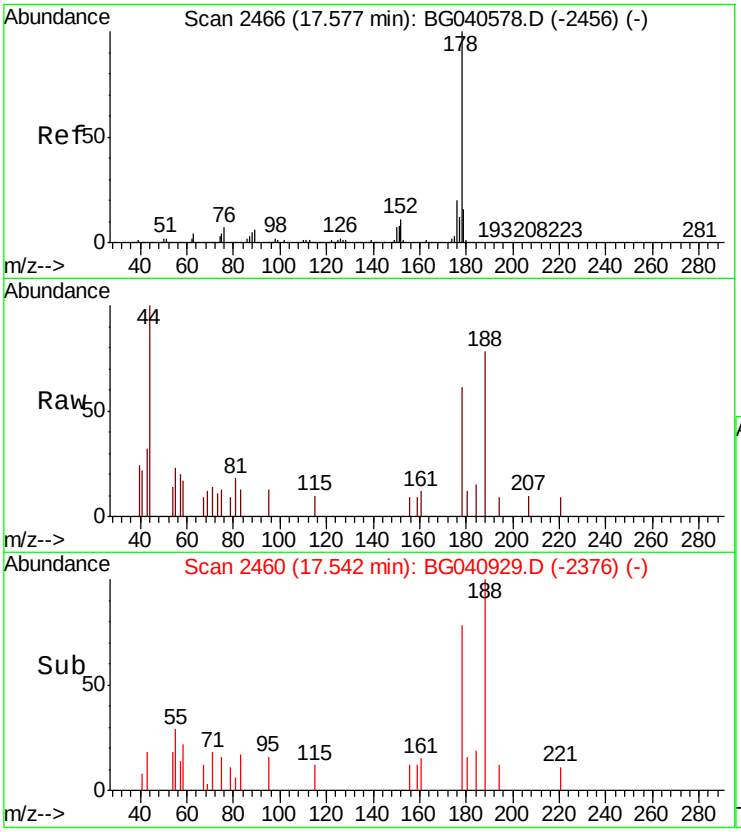


#69
Atrazine
Concen: 0.011 ng
RT: 17.18 min Scan# 2398
Delta R.T. 0.20 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion:200 Resp: 56

Ion	Ratio	Lower	Upper
200	100		
173	0.0	2.8	42.8#
215	0.0	30.2	70.2#



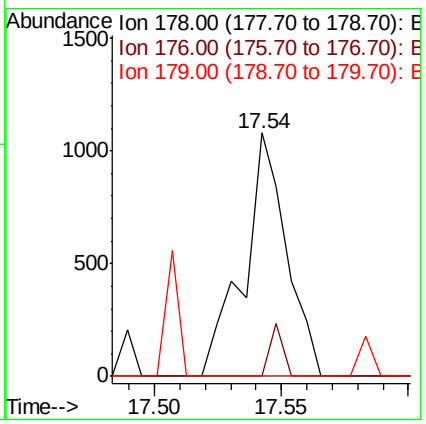


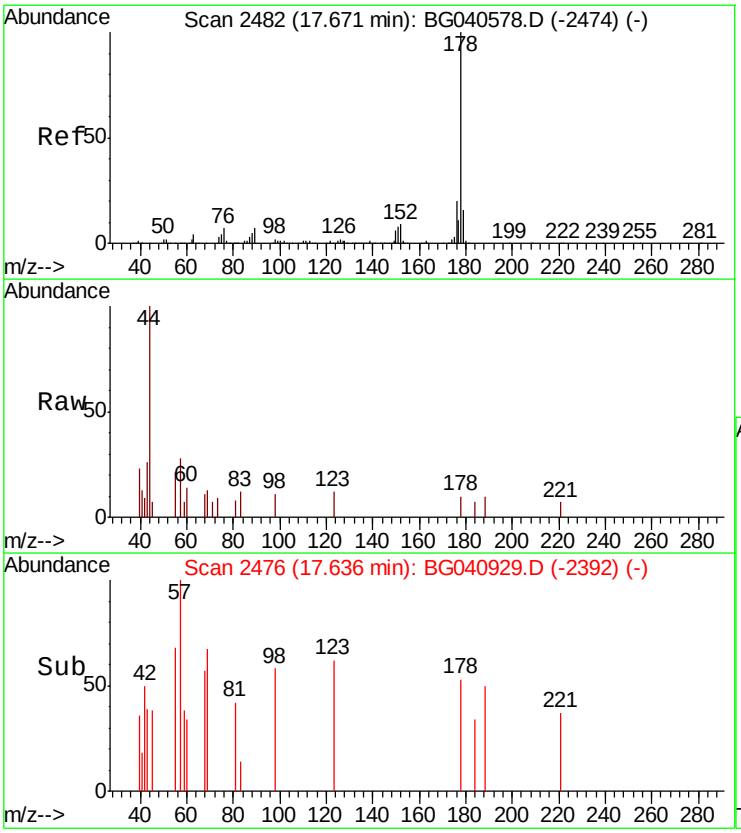
#71
Phenanthrene
Concen: 0.053 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.03 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion:178 Resp: 1269

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.8	23.6#
179	0.0	12.6	18.8#

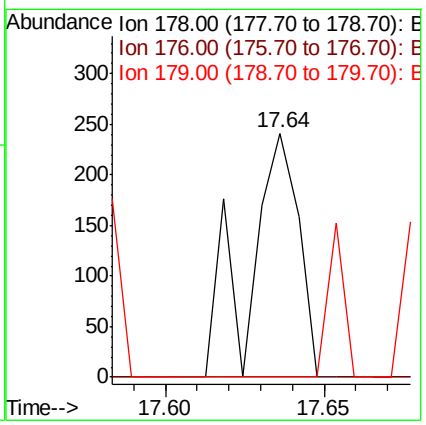


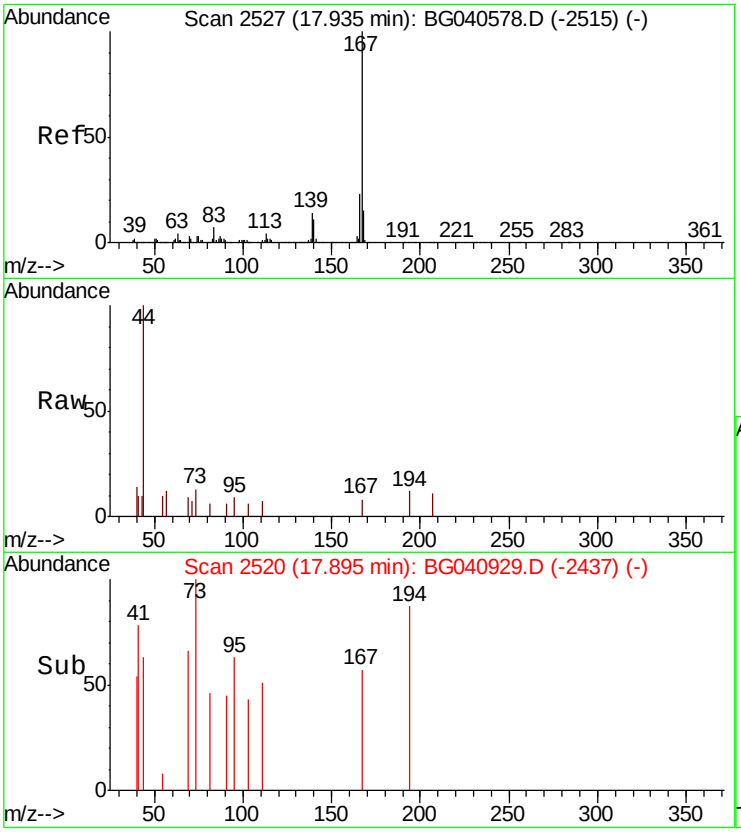


#72
Anthracene
Concen: 0.011 ng
RT: 17.64 min Scan# 2476
Delta R.T. -0.03 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion:178 Resp: 263

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.6	23.4#
179	0.0	12.9	19.3#



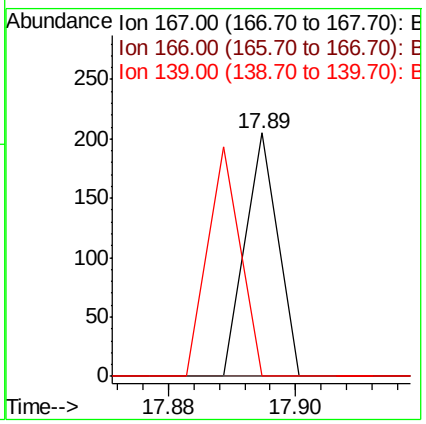


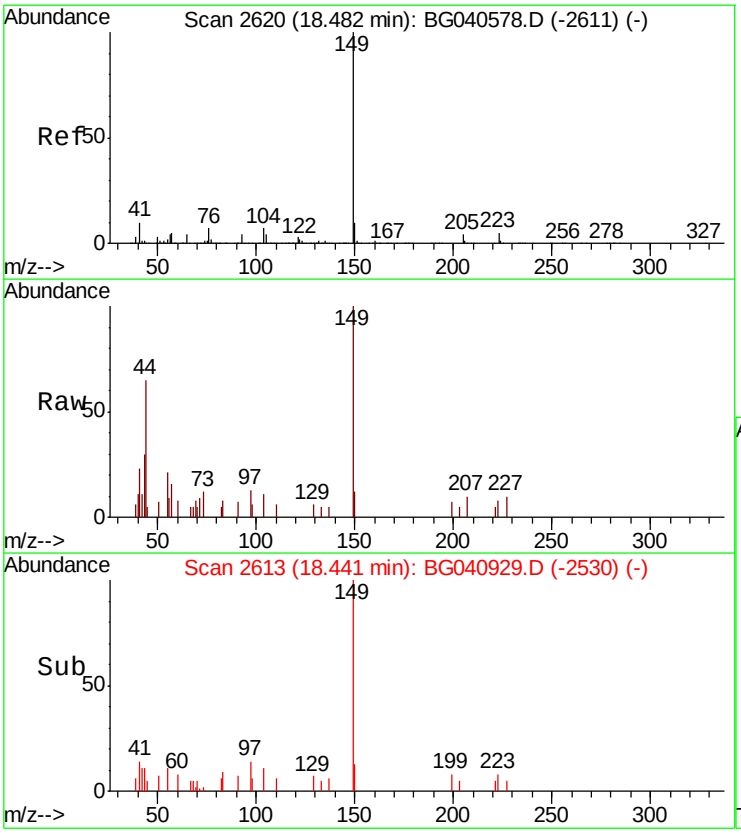
#73
Carbazole
Concen: 0.003 ng
RT: 17.89 min Scan# 2520
Delta R.T. -0.04 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion:167 Resp: 72

Ion	Ratio	Lower	Upper
167	100		
166	0.0	18.2	27.4#
139	0.0	11.4	17.0#

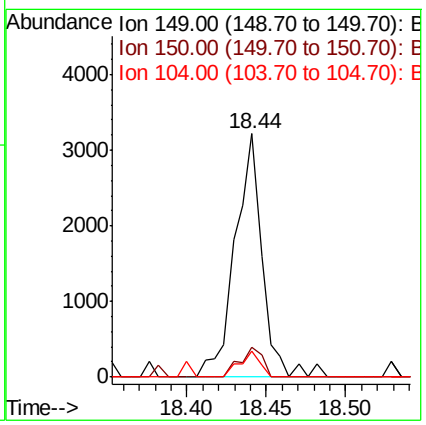


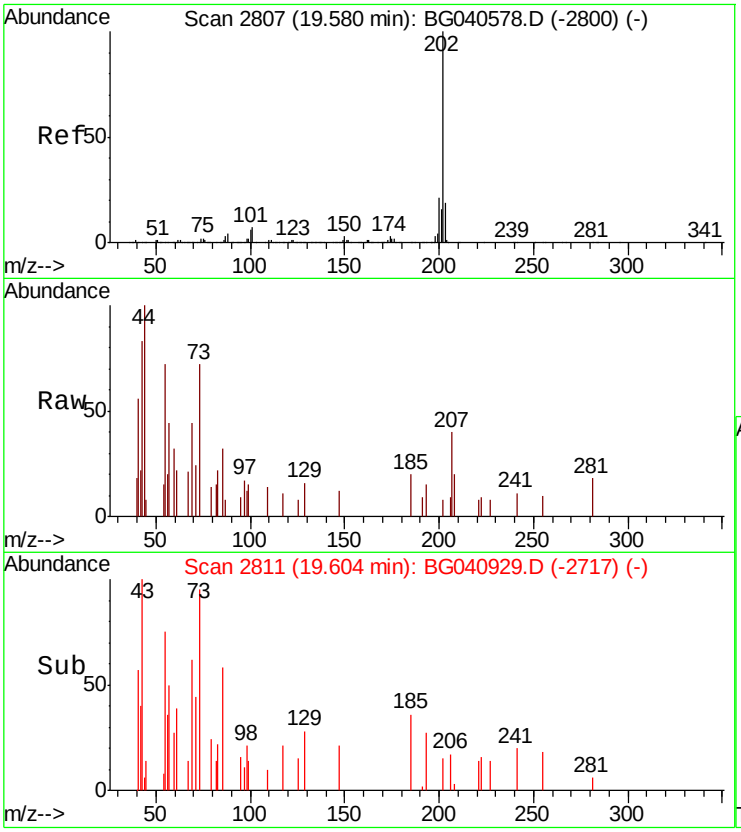


#74
Di-n-butylphthalate
Concen: 0.145 ng
RT: 18.44 min Scan# 2613
Delta R.T. -0.04 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion:149 Resp: 3827

Ion	Ratio	Lower	Upper
149	100		
150	12.2	8.2	12.2
104	10.7	5.4	8.2#



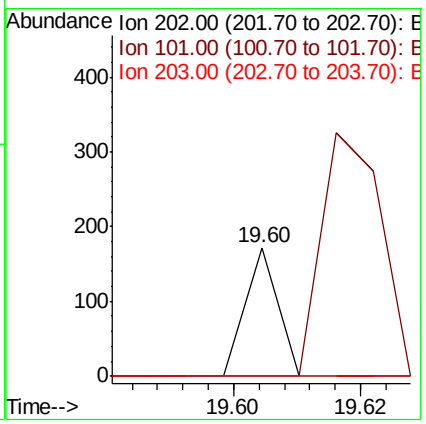


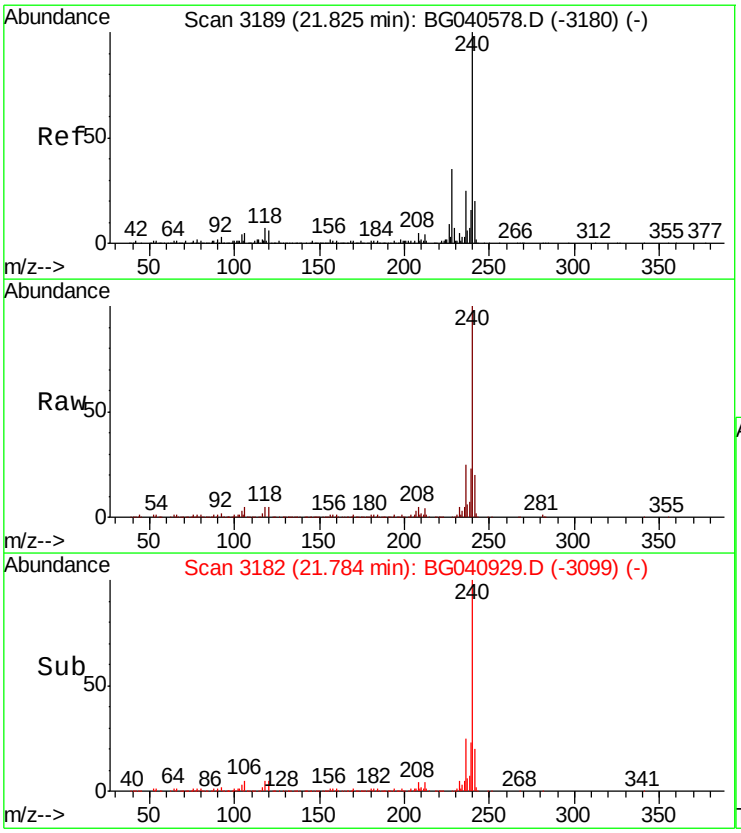
#75
Fluoranthene
Concen: 0.002 ng
RT: 19.60 min Scan# 2811
Delta R.T. 0.02 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion:202 Resp: 61

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	27.5
203	0.0	0.0	39.3

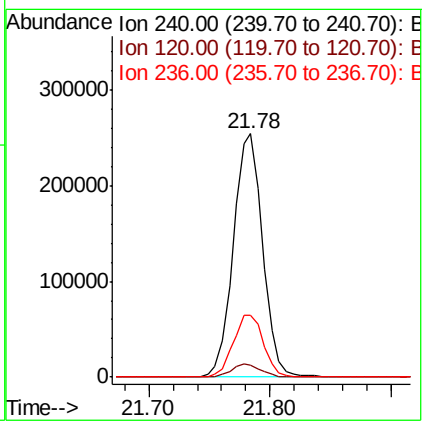


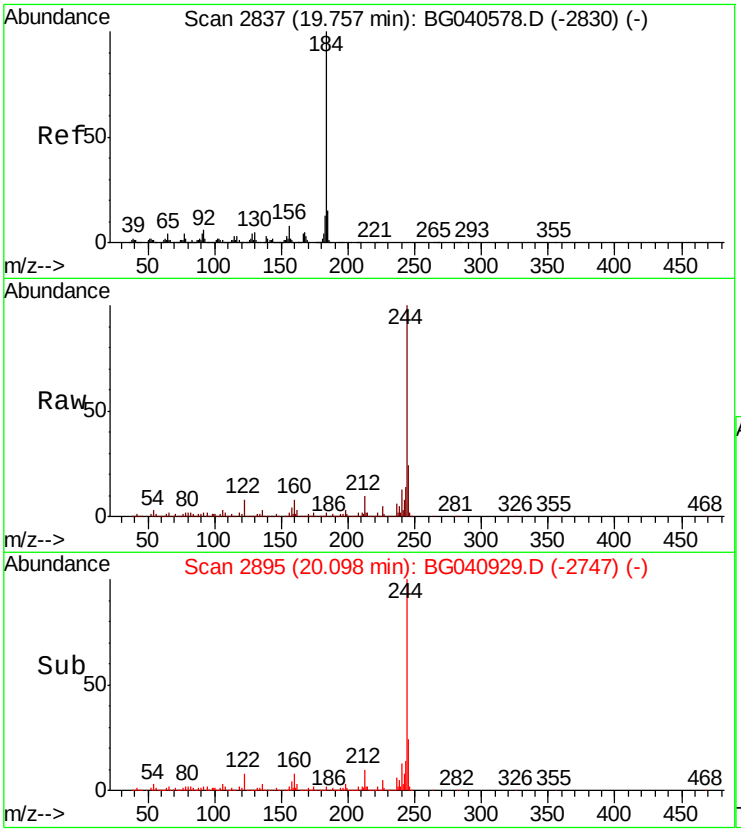


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3182
Delta R.T. -0.04 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion:240 Resp: 428013

Ion	Ratio	Lower	Upper
240	100		
120	5.1	5.0	7.6
236	25.2	20.3	30.5



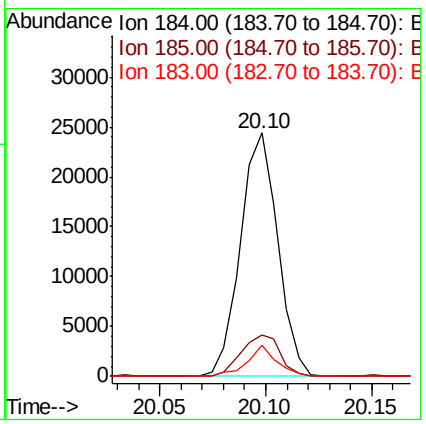


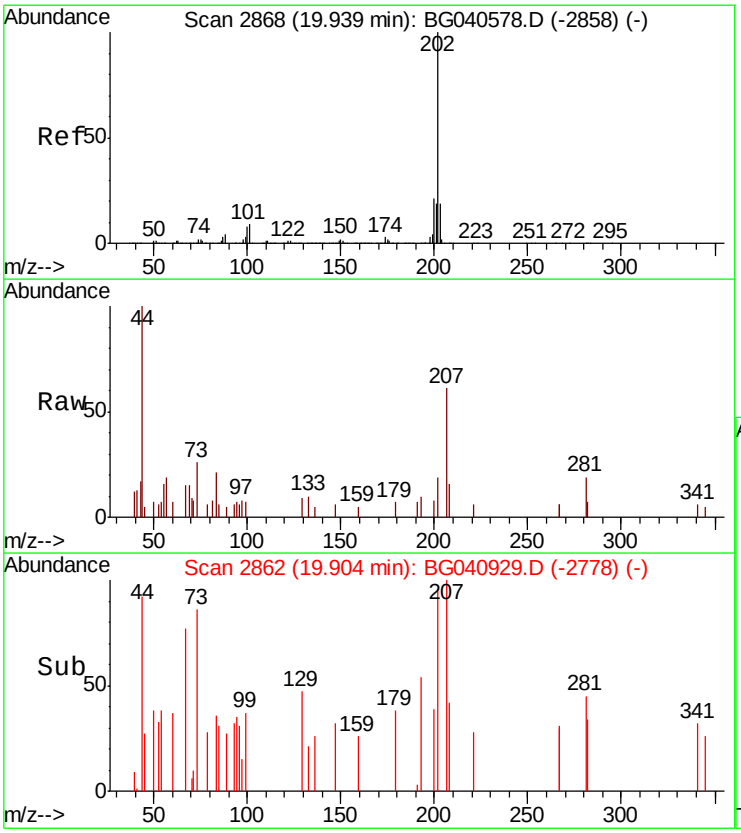
#77
Benzidine
Concen: 2.561 ng
RT: 20.10 min Scan# 2895
Delta R.T. 0.34 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion:184 Resp: 30013

Ion	Ratio	Lower	Upper
184	100		
185	17.1	11.8	17.8
183	12.7	10.2	15.2

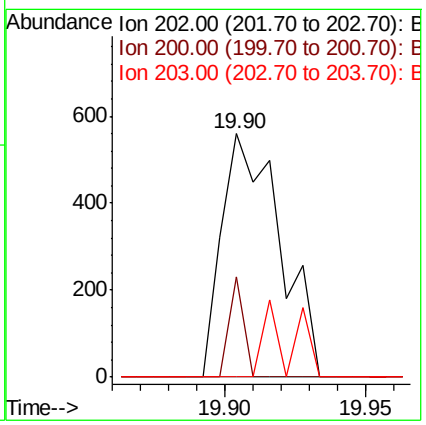


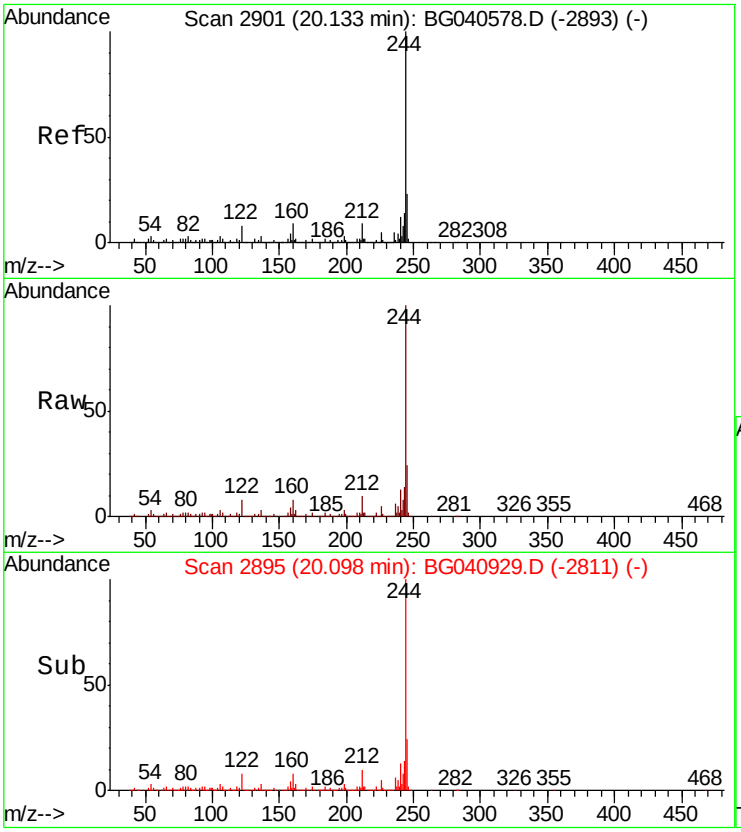


#78
Pyrene
Concen: 0.030 ng
RT: 19.90 min Scan# 2862
Delta R.T. -0.03 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion:202 Resp: 799

Ion	Ratio	Lower	Upper
202	100		
200	41.1	17.2	25.8#
203	0.0	15.0	22.4#



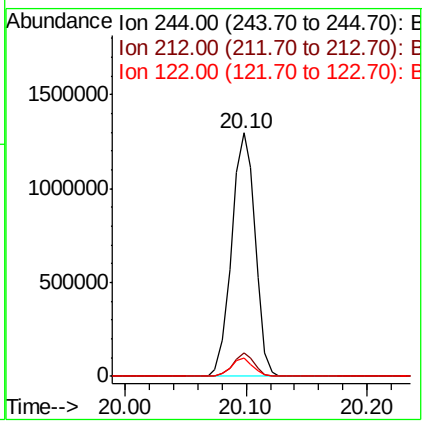


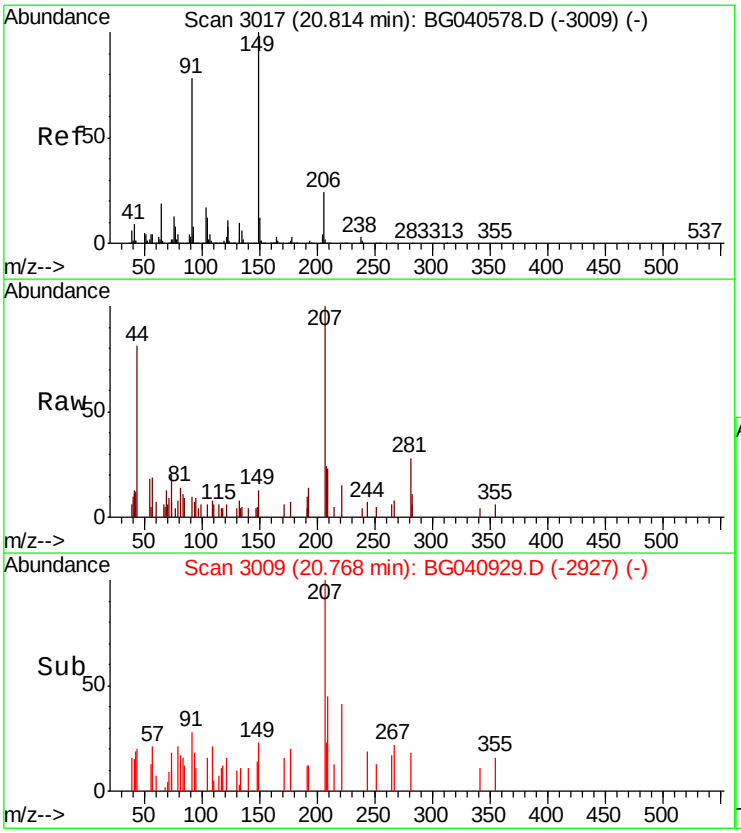
#79
Terphenyl-d14
Concen: 91.220 ng
RT: 20.10 min Scan# 2895
Delta R.T. -0.03 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion:244 Resp: 1762339

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.2	10.8
122	7.8	6.6	10.0

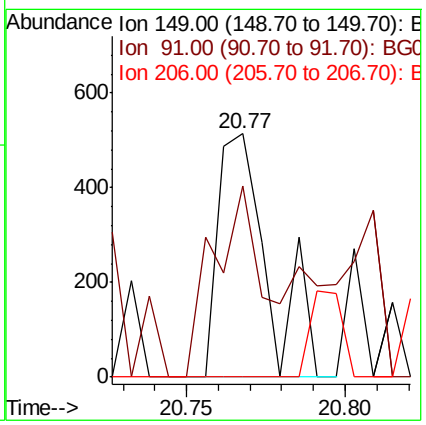


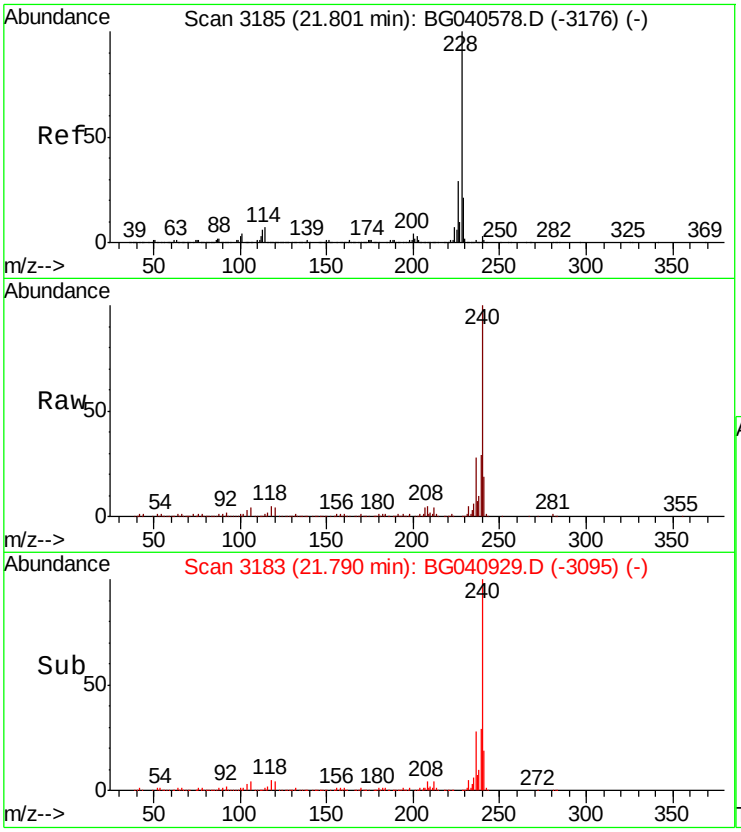


#80
Butylbenzylphthalate
Concen: 0.053 ng
RT: 20.77 min Scan# 3009
Delta R.T. -0.05 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion:149 Resp: 558

Ion	Ratio	Lower	Upper
149	100		
91	78.8	62.6	93.8
206	0.0	19.4	29.2#



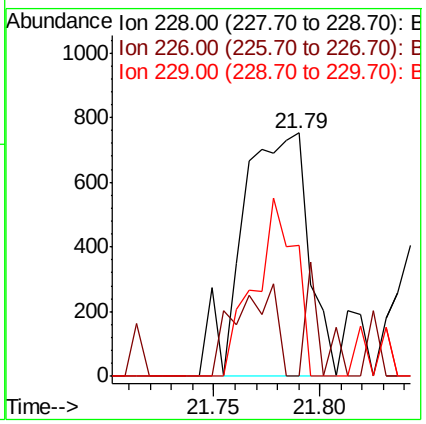


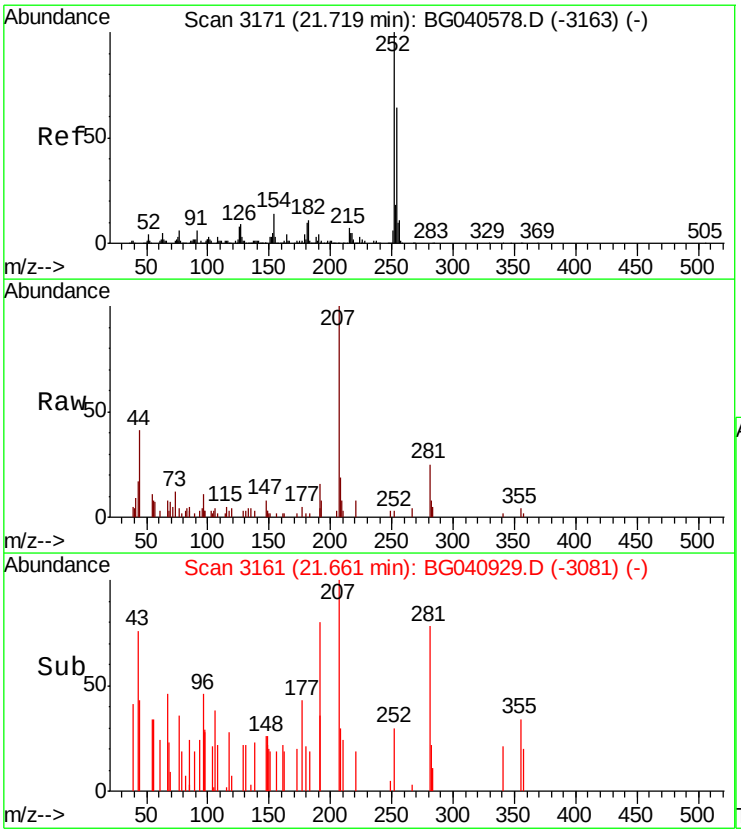
#81
Benzo(a)anthracene
Concen: 0.061 ng
RT: 21.79 min Scan# 3183
Delta R.T. -0.01 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion:228 Resp: 1637

Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.1	34.7#
229	53.9	17.0	25.4#

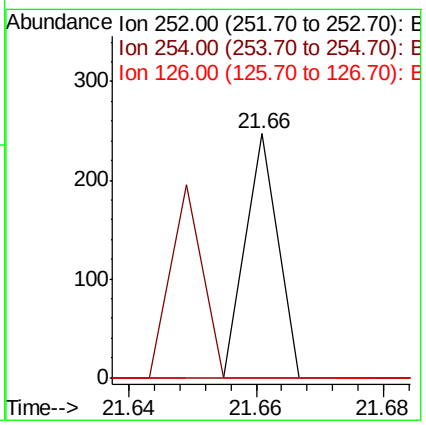


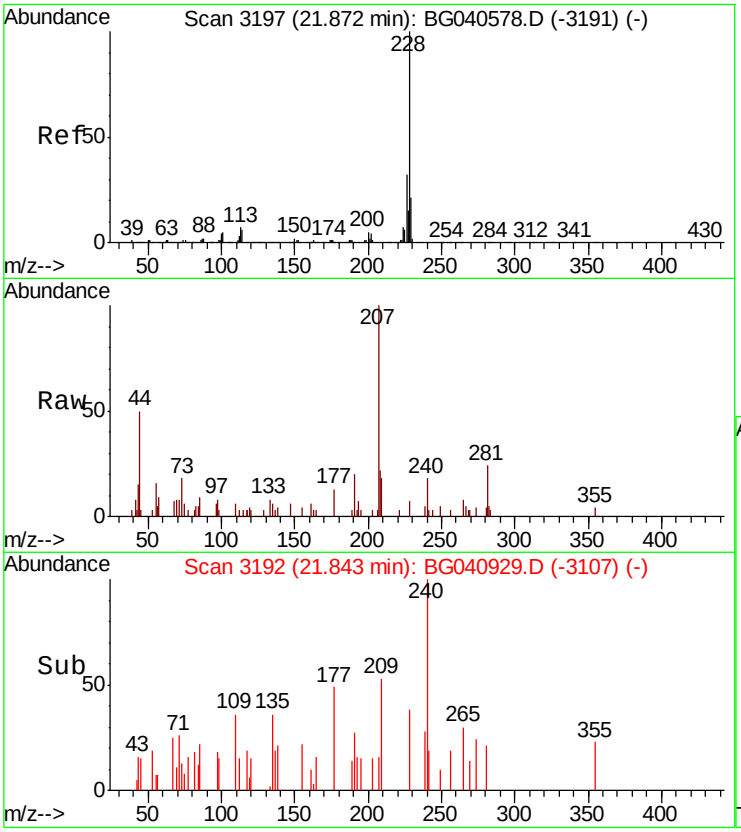


#82
3,3'-Dichlorobenzidine
Concen: 0.009 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.06 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion:252 Resp: 87

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.2	76.8#
126	0.0	6.6	10.0#



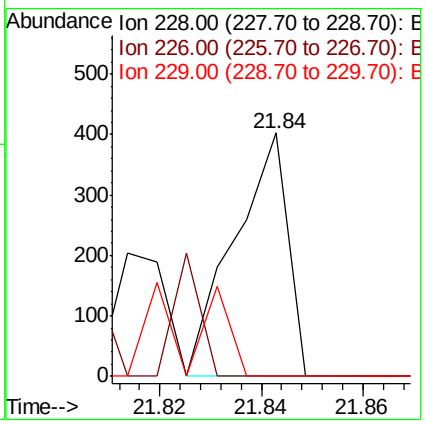


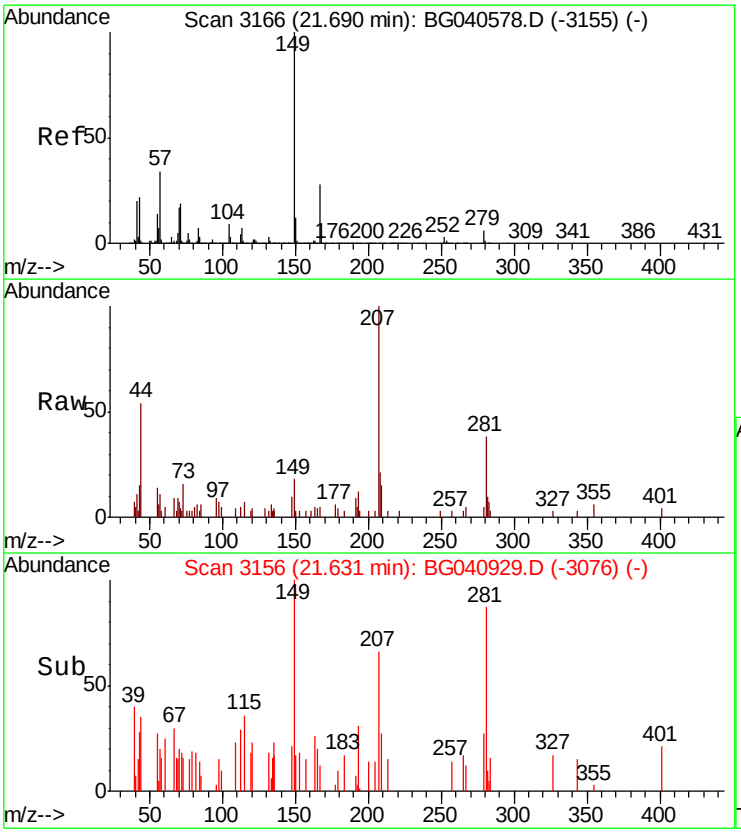
#83
Chrysene
Concen: 0.012 ng
RT: 21.84 min Scan# 3192
Delta R.T. -0.03 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion:228 Resp: 298

Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.5	38.3#
229	0.0	16.8	25.2#

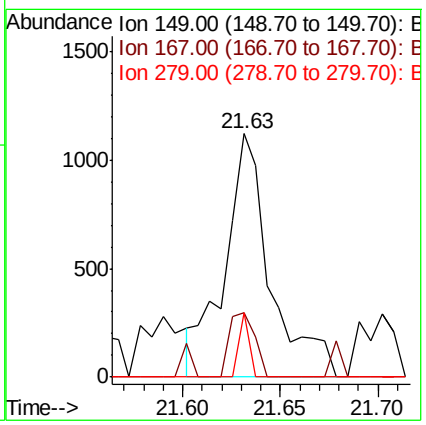


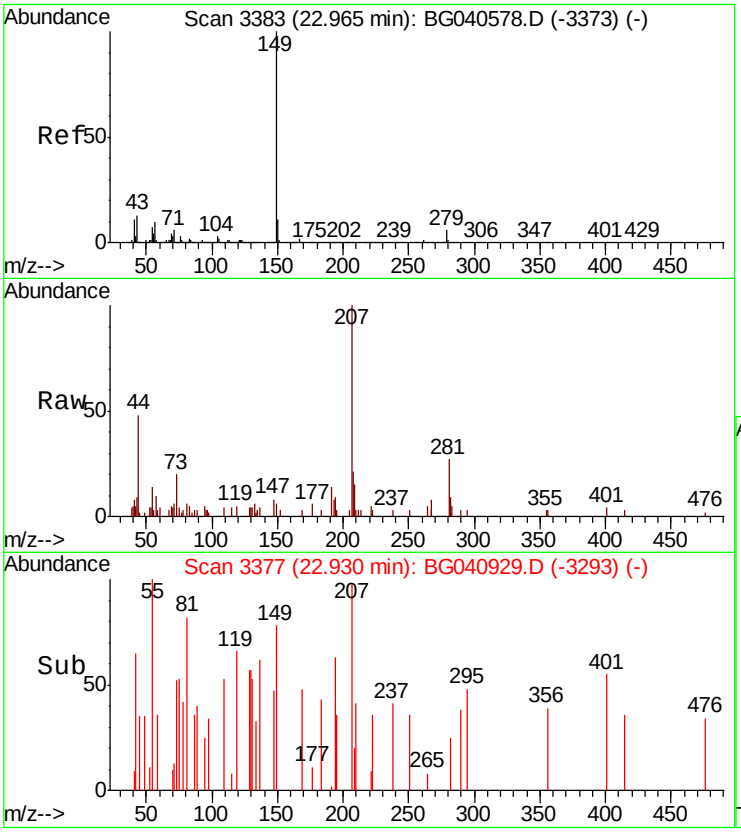


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.120 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.06 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion:149 Resp: 1813

Ion	Ratio	Lower	Upper
149	100		
167	26.4	22.4	33.6
279	26.5	4.6	6.8#



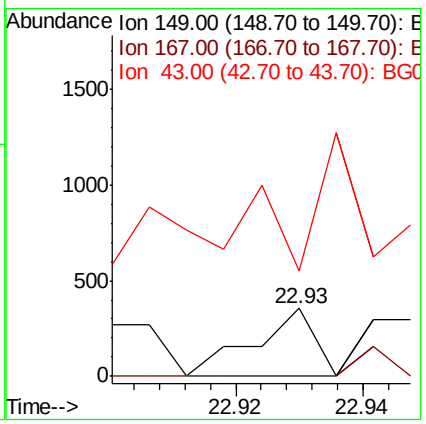


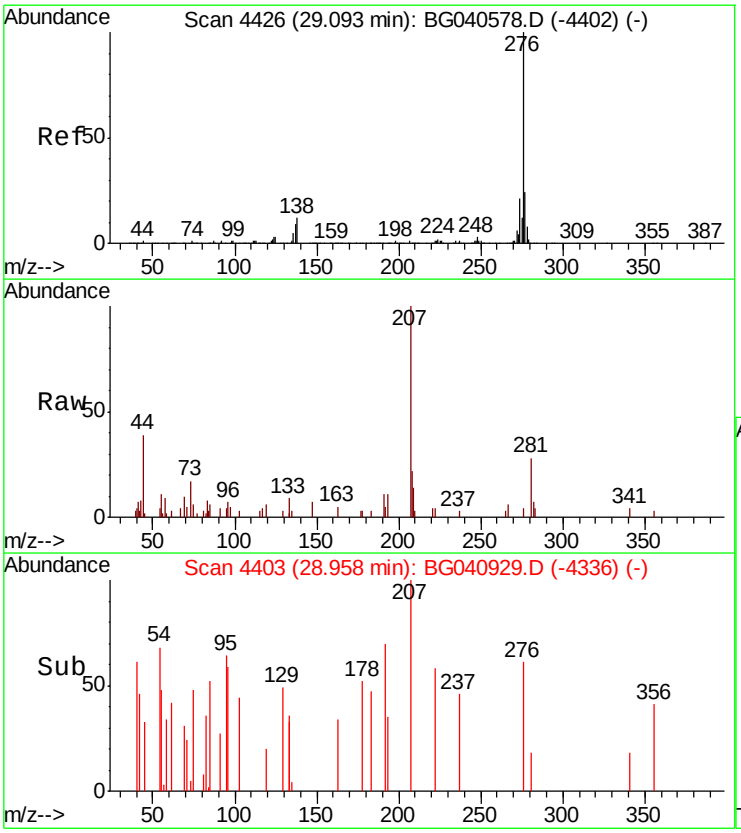
#85
Di-n-octyl phthalate
Concen: 0.009 ng
RT: 22.93 min Scan# 3377
Delta R.T. -0.03 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion:149 Resp: 235

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.2#
43	155.3	10.2	15.2#

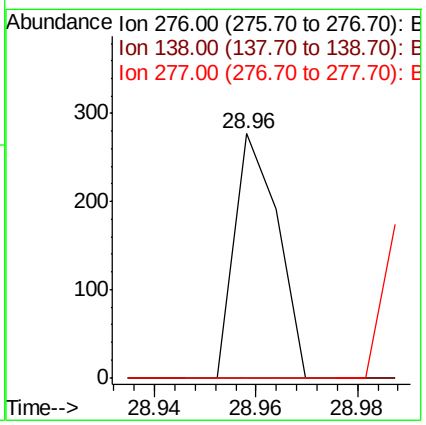


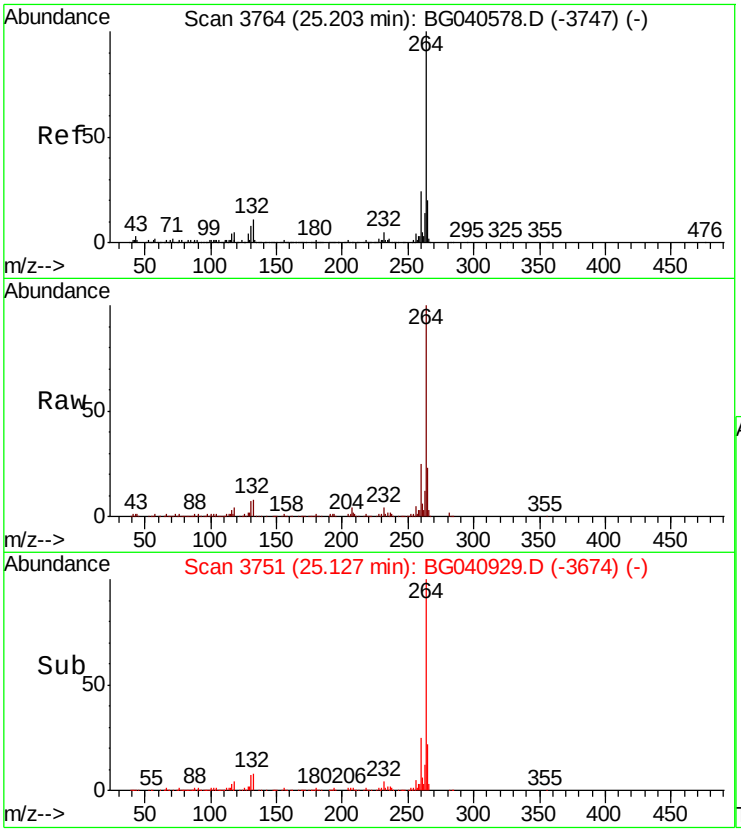


#86
Indeno(1,2,3-cd)pyrene
Concen: 0.005 ng
RT: 28.96 min Scan# 4403
Delta R.T. -0.13 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion:276 Resp: 165

Ion	Ratio	Lower	Upper
276	100		
138	0.0	9.8	14.6#
277	0.0	17.3	25.9#



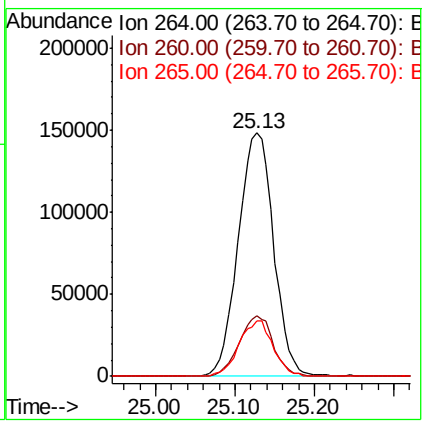


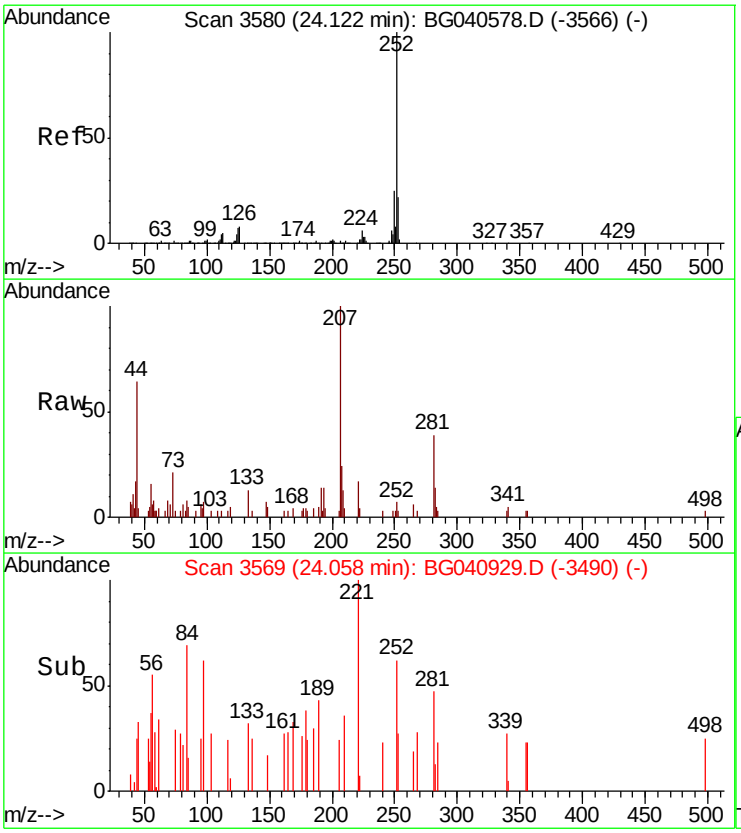
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.13 min Scan# 3751
Delta R.T. -0.08 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion:264 Resp: 460669

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	22.6	16.6	25.0

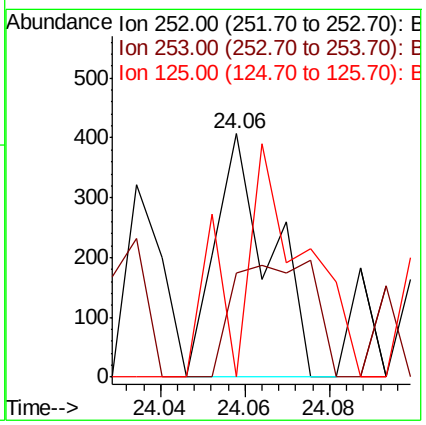


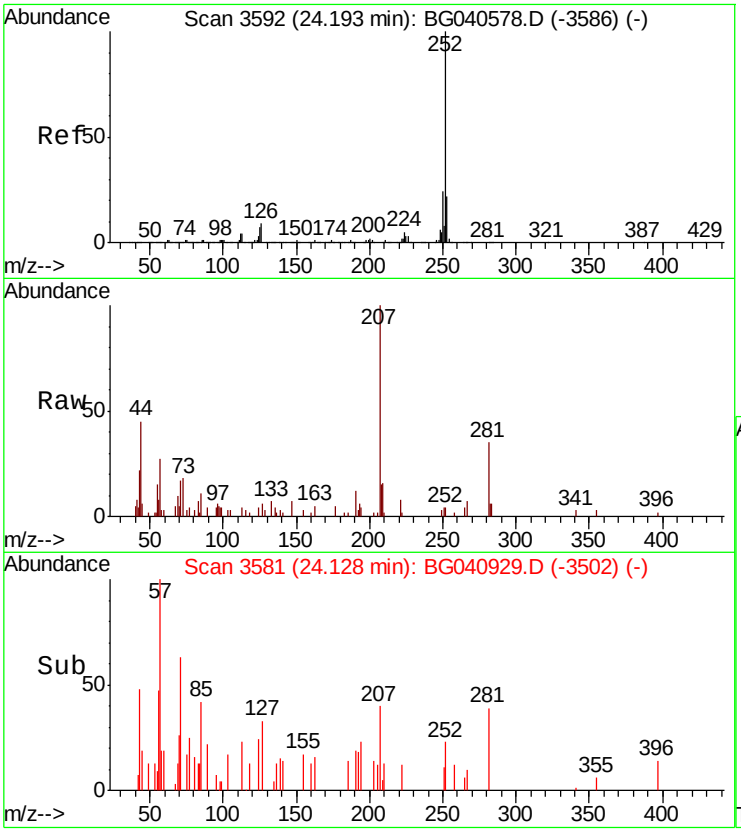


#88
Benzo(b)fluoranthene
Concen: 0.013 ng
RT: 24.06 min Scan# 3569
Delta R.T. -0.06 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion:252 Resp: 365

Ion	Ratio	Lower	Upper
252	100		
253	42.8	17.6	26.4#
125	0.0	5.4	8.0#



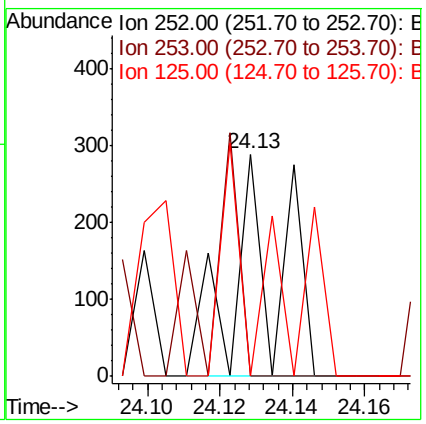


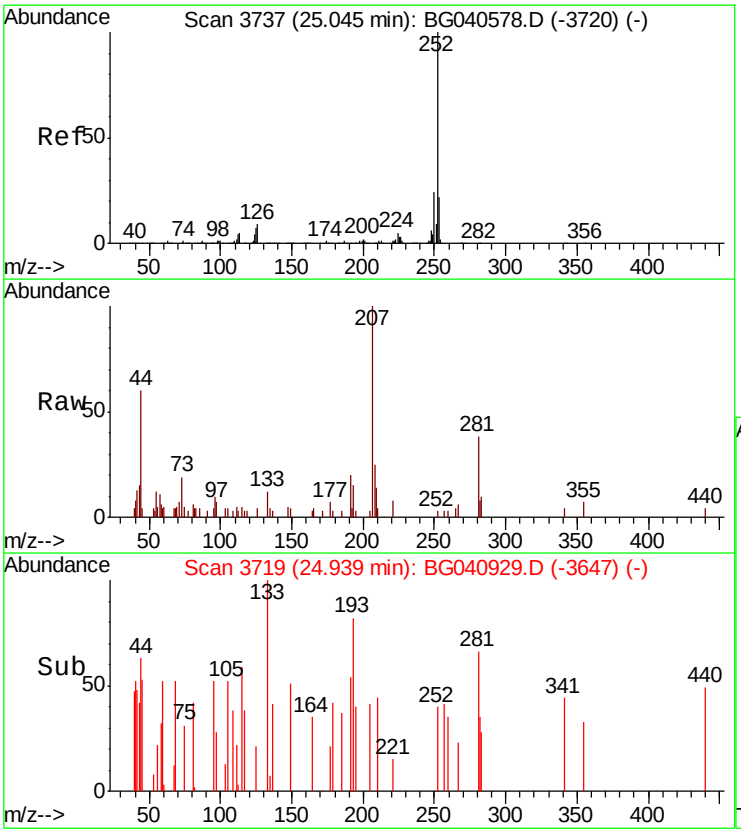
#89
Benzo(k)fluoranthene
Concen: 0.010 ng
RT: 24.13 min Scan# 3581
Delta R.T. -0.06 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion:252 Resp: 256

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.6	26.4#
125	0.0	5.5	8.3#

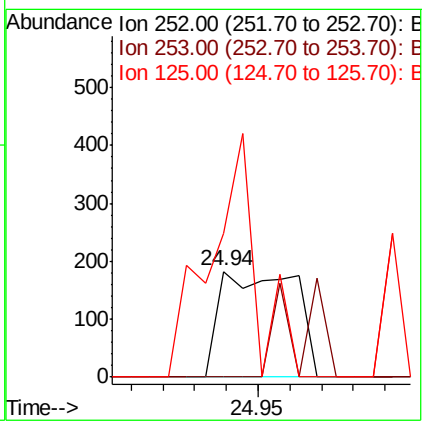


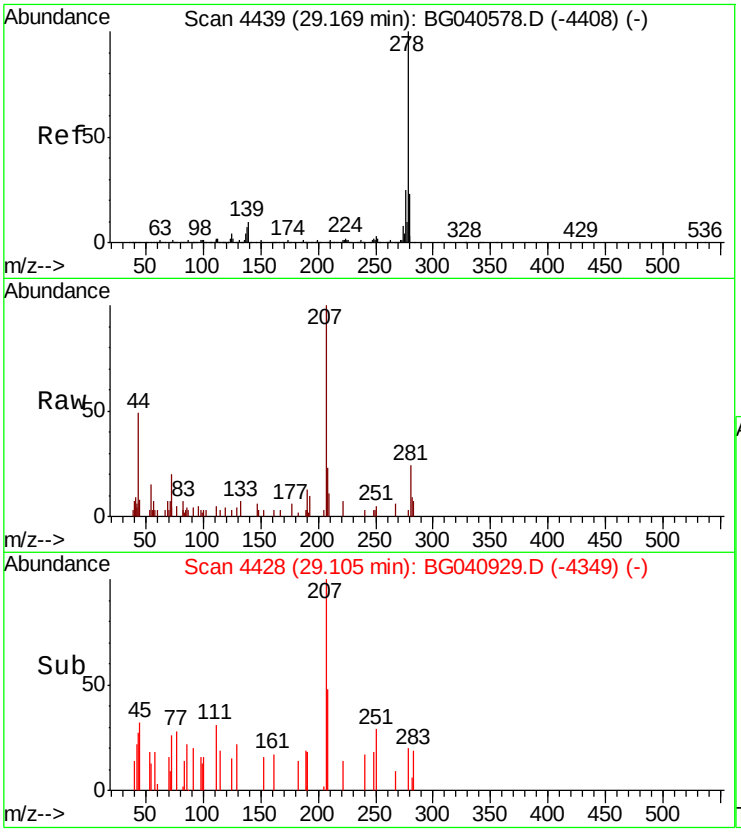


#90
Benzo(a)pyrene
Concen: 0.011 ng
RT: 24.94 min Scan# 3719
Delta R.T. -0.11 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion:252 Resp: 299

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.8	26.6#
125	136.8	5.7	8.5#



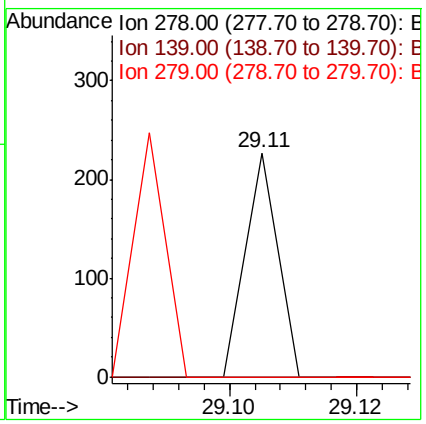


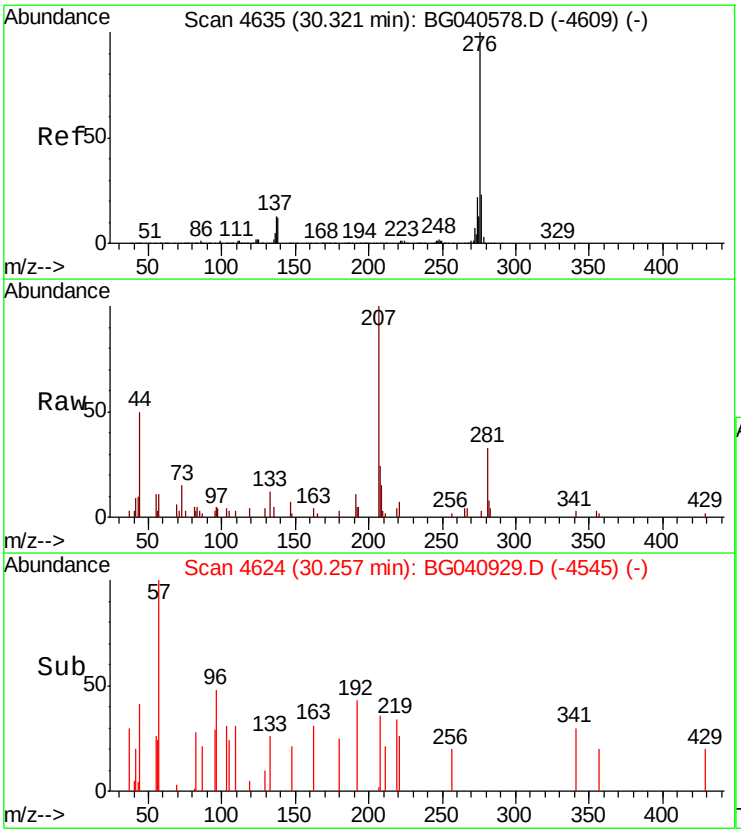
#91
Dibenzo(a,h)anthracene
Concen: 0.003 ng
RT: 29.11 min Scan# 4428
Delta R.T. -0.06 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-D-M

Tgt Ion:278 Resp: 80

Ion	Ratio	Lower	Upper
278	100		
139	0.0	8.2	12.4#
279	0.0	18.5	27.7#





#92
Benzo(g,h,i)perylene
Concen: 0.002 ng
RT: 30.26 min Scan# 4624
Delta R.T. -0.06 min
Lab File: BG040929.D
Acq: 14 May 2019 3:00

Tgt Ion:276 Resp: 61

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.4	27.6#
138	0.0	9.8	14.6#