Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
Data File : BG037922.D
Acq On : 9 Nov 2018 16:03
Operator : JU/SJ
Sample : J5860-25
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-111(17-19)

Quant Time: Nov 12 06:09:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	54106	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	187367	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	134083	20.00	ng		-0.01
64) Phenanthrene-d10	17.47	188	293175	20.00	ng		-0.01
76) Chrysene-d12	21.76	240	258303	20.00	ng		-0.02
87) Perylene-d12	25.09	264	241950	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	327989	101.35	ng		0.00
7) Phenol-d6	7.24	99	499488	102.07	ng		0.00
23) Nitrobenzene-d5	9.53	82	14384	4.30	ng		0.25
42) 2,4,6-Tribromophenol	16.22	330	195070	133.39	ng		-0.01
45) 2-Fluorobiphenyl	13.35	172	752186	84.59	ng		-0.01
79) Terphenyl-d14	20.07	244	1050105	86.87	ng		-0.02
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	3.84	42	26698	18.120	ng	#	1
9) Benzaldehyde	7.24	77	243874	79.666	ng	#	1
10) Phenol	7.27	94	39687	7.686	ng	#	47
11) bis(2-Chloroethyl)ether	7.47	93	24179	6.166	ng	#	1
15) Benzyl Alcohol	8.38	79	56662	15.670	ng	#	55
18) Hexachloroethane	9.22	117	1673677	1138.693	ng	#	1
19) n-Nitroso-di-n-propylamine	8.96	70	129574	38.451	ng	#	55
22) Acetophenone	8.90	105	1130085	240.491	ng	#	54
24) Nitrobenzene	9.31	77	280914	80.847	ng	#	7
25) Isophorone	9.84	82	95603	15.644	ng	#	1
26) 2-Nitrophenol	10.02	139	12566	8.028	ng	#	1
28) bis(2-Chloroethoxy)methane	10.34	93	80118	20.009	ng	#	36
31) Naphthalene	10.99	128	981974	106.702	ng	#	72
33) 4-Chloroaniline	11.12	127	20754	4.800	ng	#	1
35) Caprolactam	11.91	113	105059	84.181	ng	#	1
36) 4-Chloro-3-methylphenol	12.21	107	9776	2.786	ng	#	27
37) 2-Methylnaphthalene	12.60	142	3387317	504.921	ng	#	83
38) 1-Methylnaphthalene	12.80	142	1666340	255.769	ng	#	98
46) 1,1'-Biphenyl	13.57	154	64254	5.786	ng		99
50) Dimethylphthalate	14.17	163	129907	12.524	ng		99
54) 2,4-Dinitrophenol	14.86	184	63	6.225	ng	#	1
56) 4-Nitrophenol	14.92	139	4188	2.221	ng	#	58
65) 4,6-Dinitro-2-methylphenol	15.80	198	69	8.544	ng	#	1
77) Benzidine	20.07	184	18047	2.055	ng		96

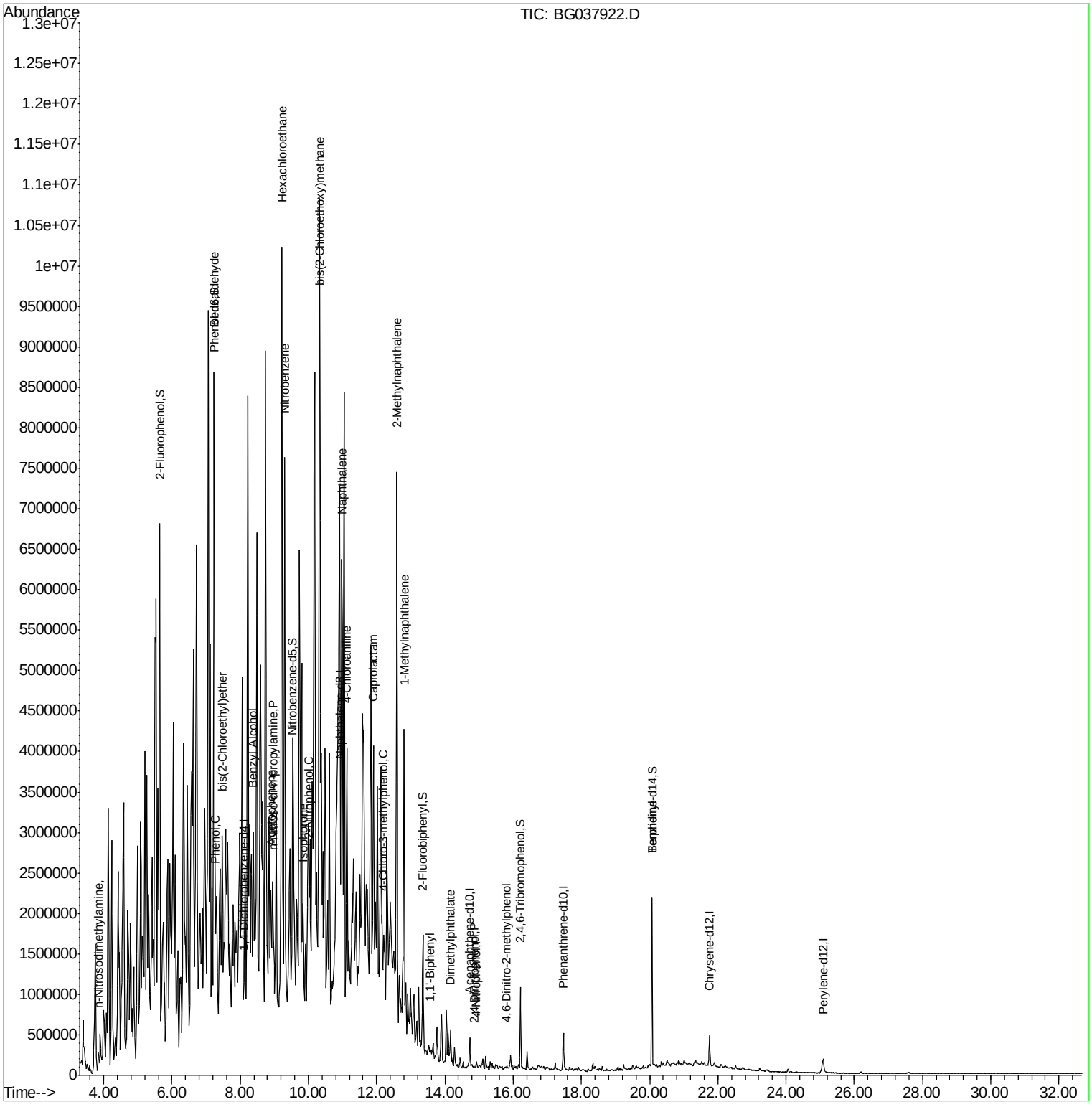
(#) = qualifier out of range (m) = manual integration (+) = signals summed

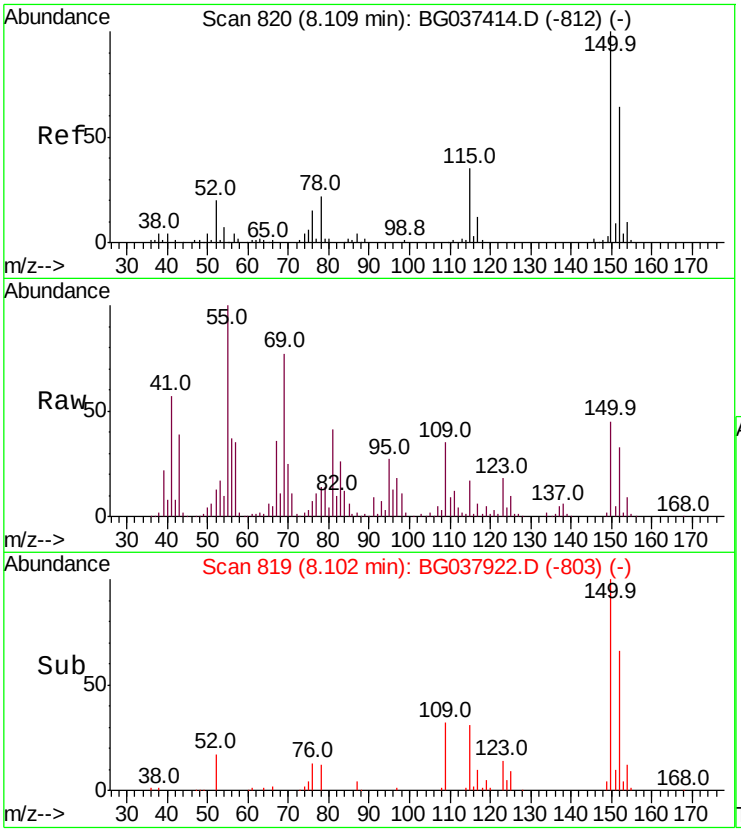
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
Data File : BG037922.D
Acq On : 9 Nov 2018 16:03
Operator : JU/SJ
Sample : J5860-25
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-111(17-19)

Quant Time: Nov 12 06:09:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration



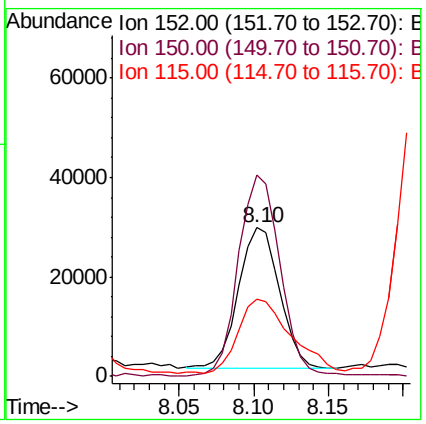


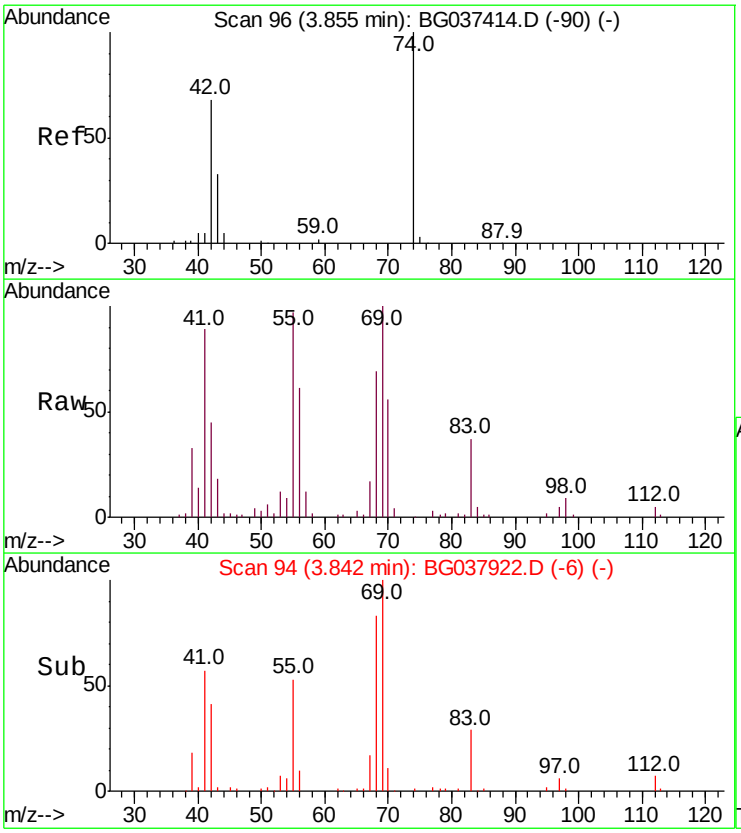
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)

Tgt Ion:152 Resp: 54106

Ion	Ratio	Lower	Upper
152	100		
150	135.8	126.0	189.0
115	51.9	45.5	68.3

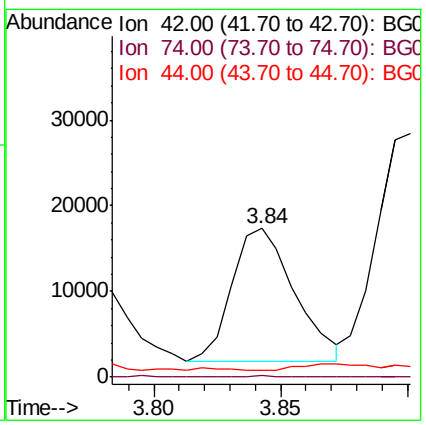


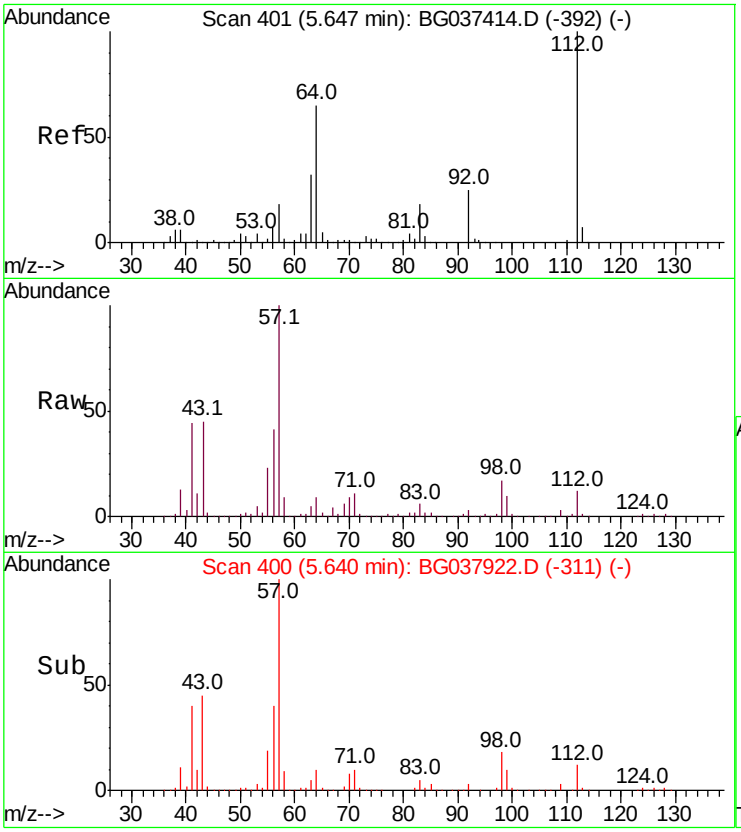


#4
n-Nitrosodimethylamine
Concen: 18.120 ng
RT: 3.84 min Scan# 94
Delta R.T. -0.01 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Tgt Ion: 42 Resp: 26698

Ion	Ratio	Lower	Upper
42	100		
74	1.0	102.0	153.0#
44	4.9	9.6	14.4#



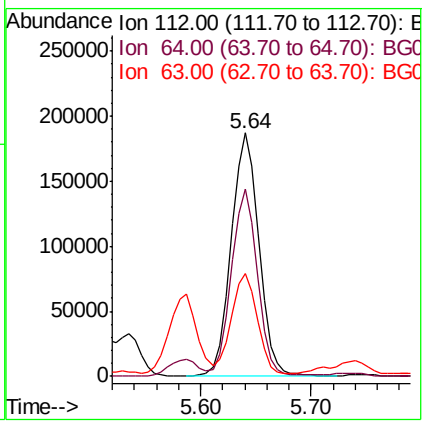


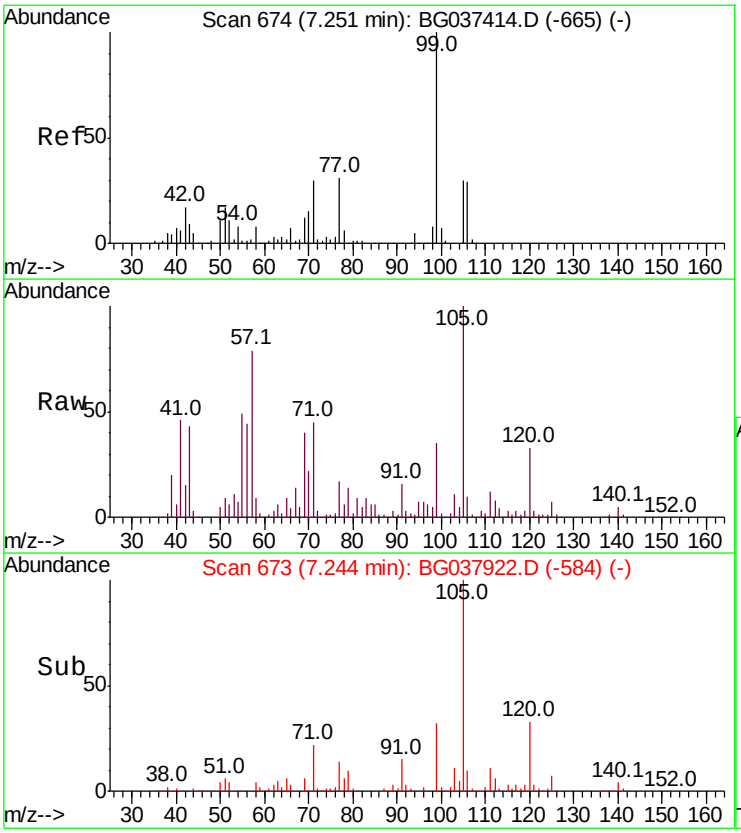
#5
2-Fluorophenol
Concen: 101.347 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)

Tgt Ion:112 Resp: 327989

Ion	Ratio	Lower	Upper
112	100		
64	77.1	53.1	79.7
63	42.3	27.3	40.9#

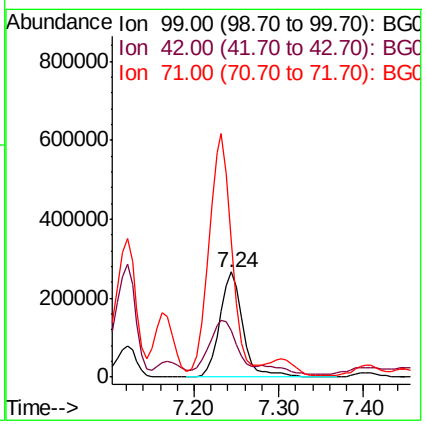


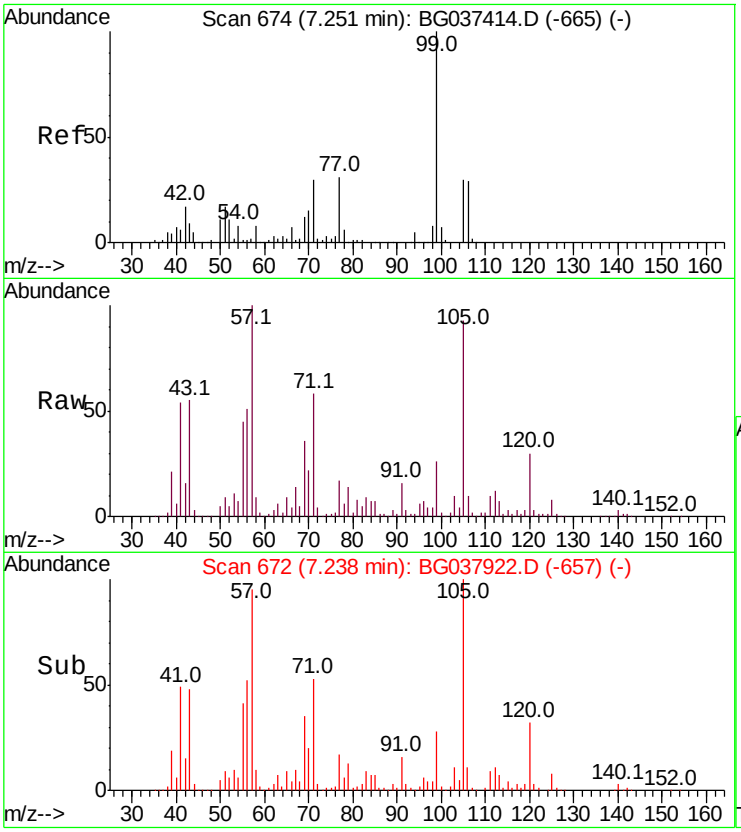


#7
Phenol-d6
Concen: 102.068 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Tgt Ion: 99 Resp: 499488

Ion	Ratio	Lower	Upper
99	100		
42	44.0	15.0	22.4#
71	129.3	25.5	38.3#



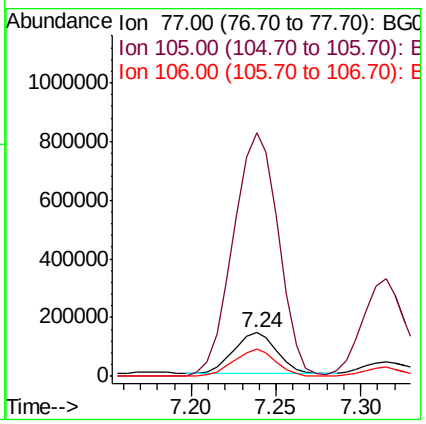


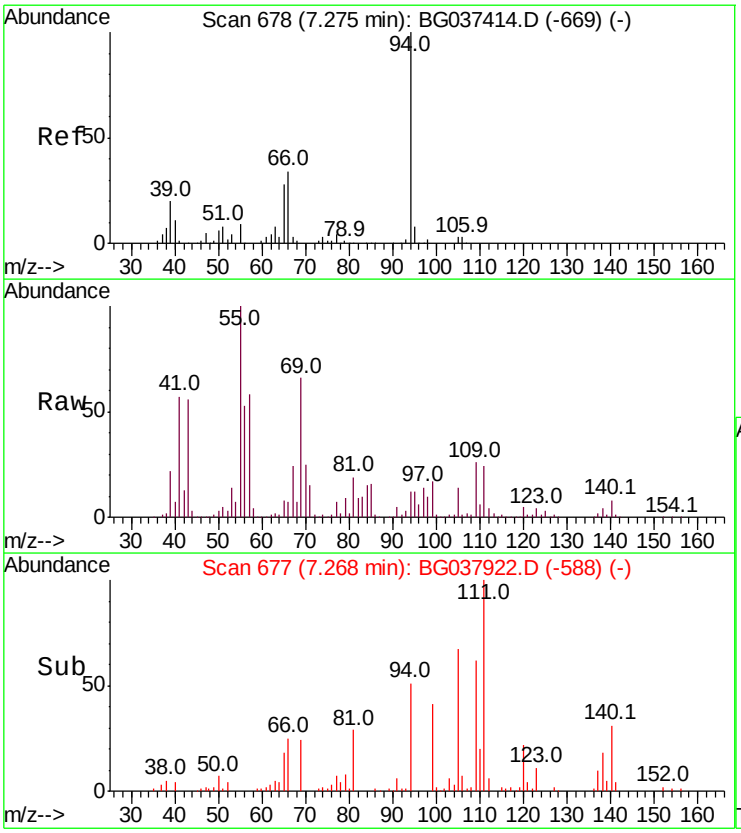
#9
Benzaldehyde
Concen: 79.666 ng
RT: 7.24 min Scan# 672
Delta R.T. -0.01 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)

Tgt Ion: 77 Resp: 243874

Ion	Ratio	Lower	Upper
77	100		
105	555.1	72.6	112.6#
106	61.9	71.3	111.3#

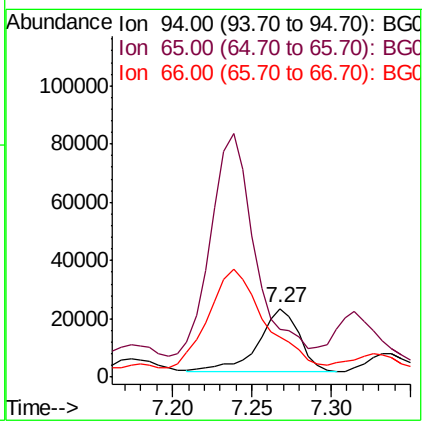


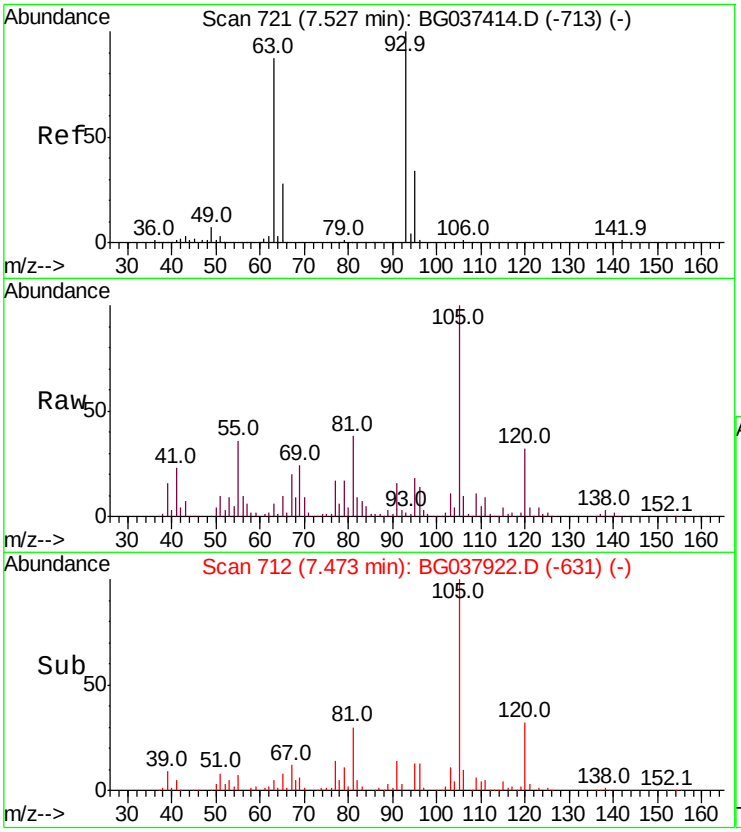


#10
Phenol
Concen: 7.686 ng
RT: 7.27 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Tgt Ion: 94 Resp: 39687

Ion	Ratio	Lower	Upper
94	100		
65	68.6	9.7	49.7#
66	57.9	15.9	55.9#



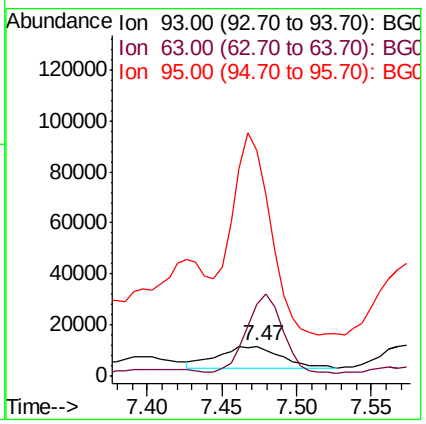


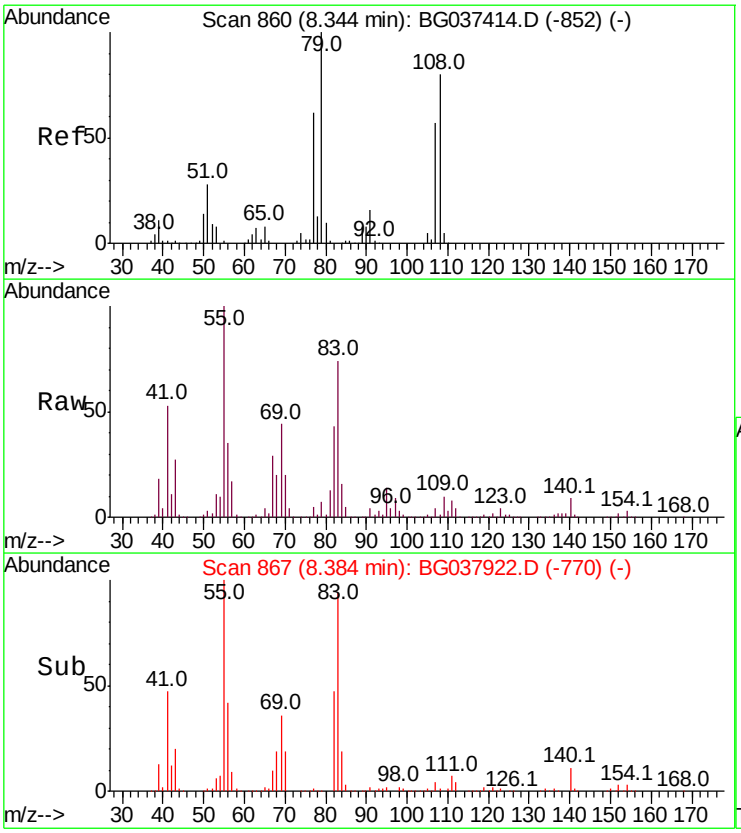
#11
bis(2-Chloroethyl)ether
Concen: 6.166 ng
RT: 7.47 min Scan# 712
Delta R.T. -0.05 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)

Tgt Ion: 93 Resp: 24179

Ion	Ratio	Lower	Upper
93	100		
63	239.5	69.5	109.5#
95	751.2	12.6	52.6#

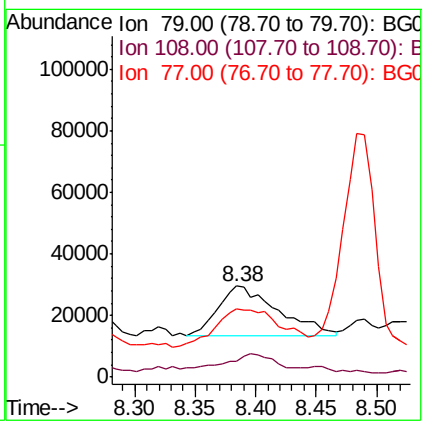


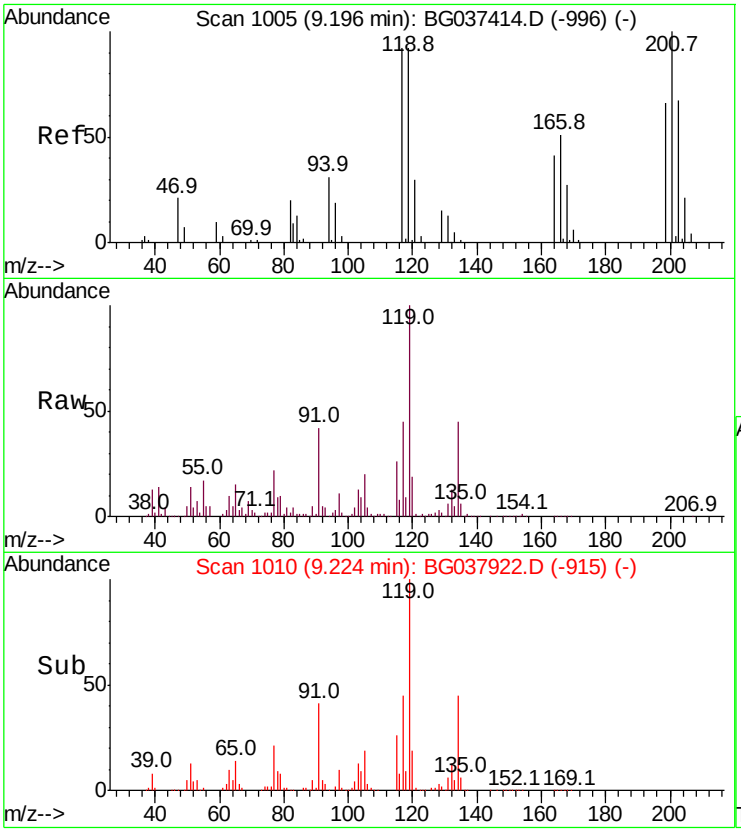


#15
Benzyl Alcohol
Concen: 15.670 ng
RT: 8.38 min Scan# 867
Delta R.T. 0.04 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Tgt Ion: 79 Resp: 56662

Ion	Ratio	Lower	Upper
79	100		
108	17.8	65.8	98.8#
77	74.8	52.9	79.3



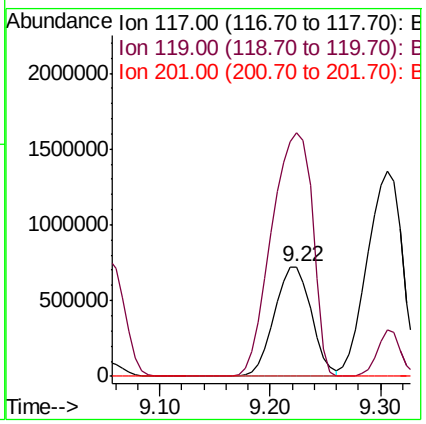


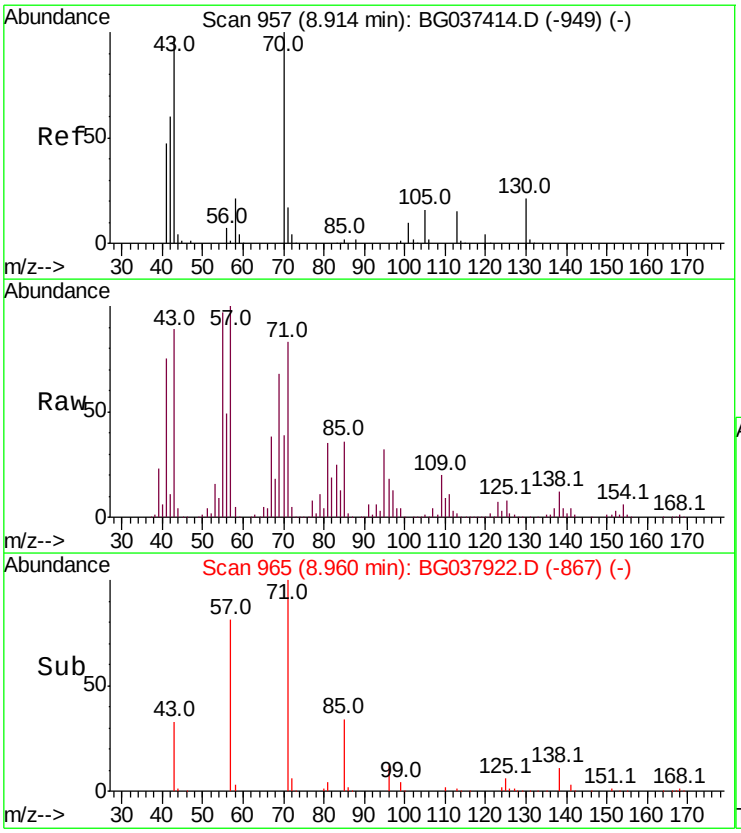
#18
Hexachloroethane
Concen: 1138.693 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.03 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)

Tgt Ion:117 Resp: 1673677

Ion	Ratio	Lower	Upper
117	100		
119	222.1	74.6	111.8#
201	0.0	80.8	121.2#

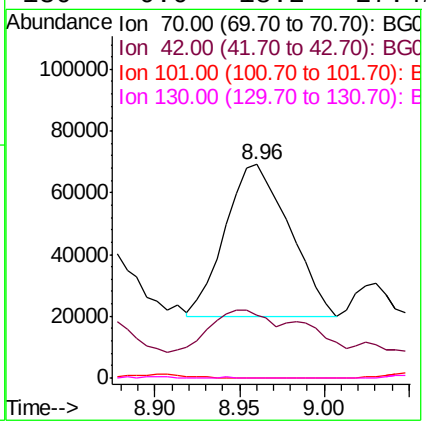


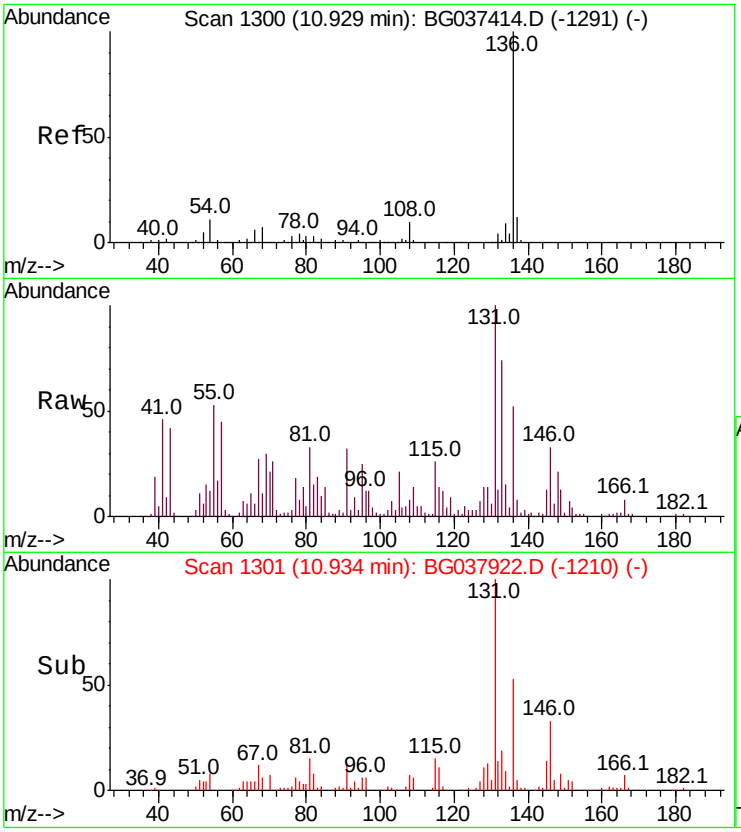


#19
n-Nitroso-di-n-propylamine
Concen: 38.451 ng
RT: 8.96 min Scan# 965
Delta R.T. 0.05 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Tgt Ion: 70 Resp: 129574

Ion	Ratio	Lower	Upper
70	100		
42	29.2	53.9	80.9#
101	0.0	8.2	12.2#
130	0.0	18.2	27.4#



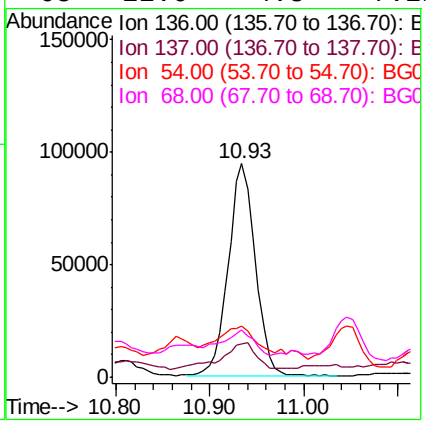


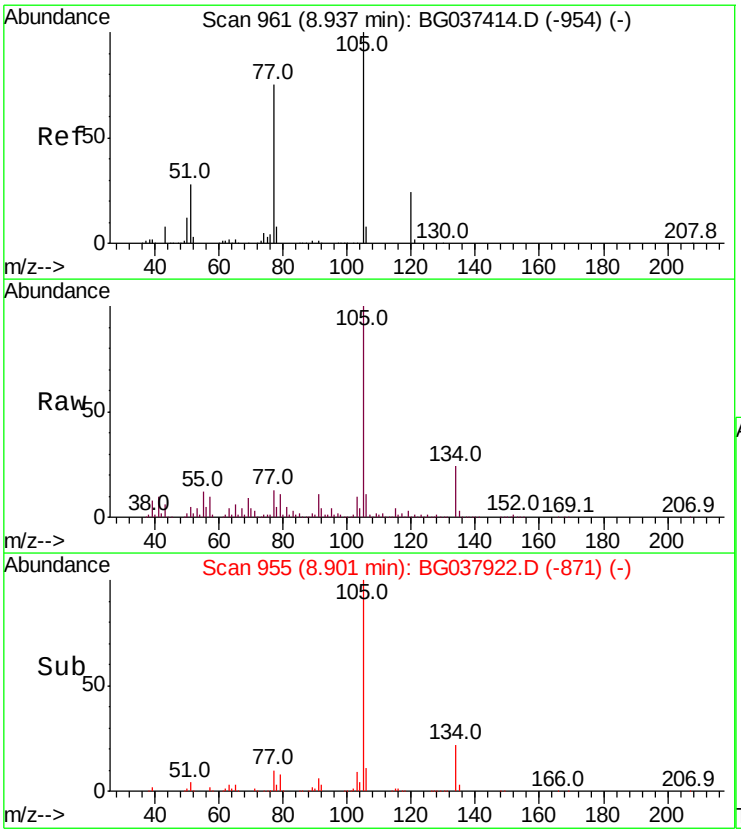
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)

Tgt Ion:136 Resp: 187367

Ion	Ratio	Lower	Upper
136	100		
137	15.6	9.6	14.4#
54	23.8	7.9	11.9#
68	22.0	4.8	7.2#

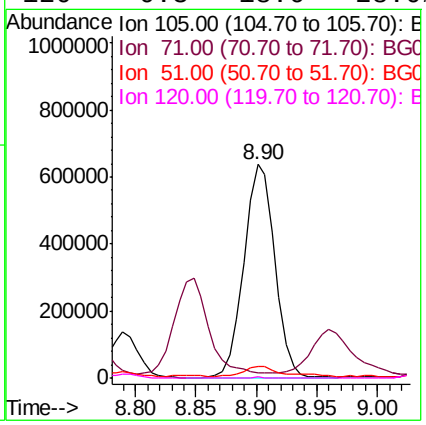


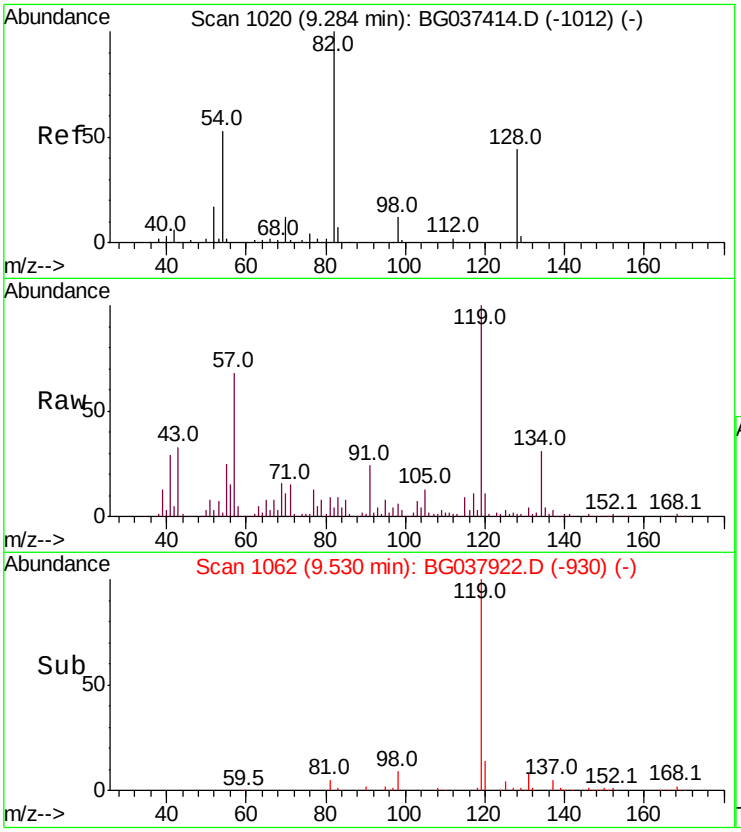


#22
Acetophenone
Concen: 240.491 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.04 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Tgt Ion:105 Resp: 1130085

Ion	Ratio	Lower	Upper
105	100		
71	2.7	1.2	1.8#
51	5.5	25.0	37.6#
120	0.3	18.6	28.0#



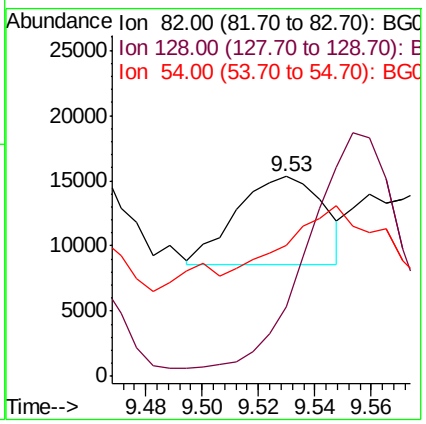


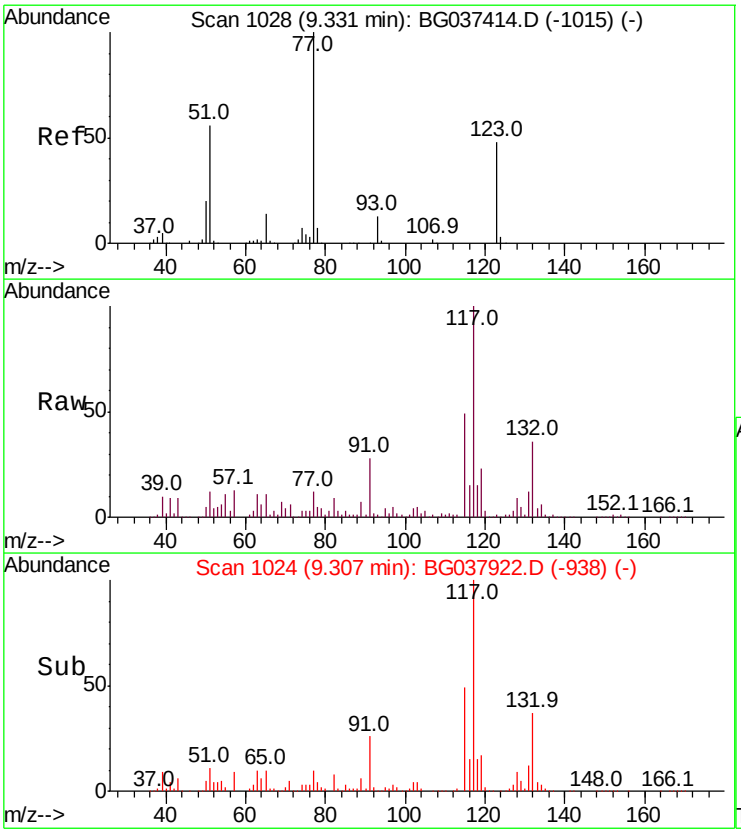
#23
Nitrobenzene-d5
Concen: 4.301 ng
RT: 9.53 min Scan# 1062
Delta R.T. 0.25 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)

Tgt Ion: 82 Resp: 14384

Ion	Ratio	Lower	Upper
82	100		
128	34.9	34.6	51.8
54	65.5	45.3	67.9

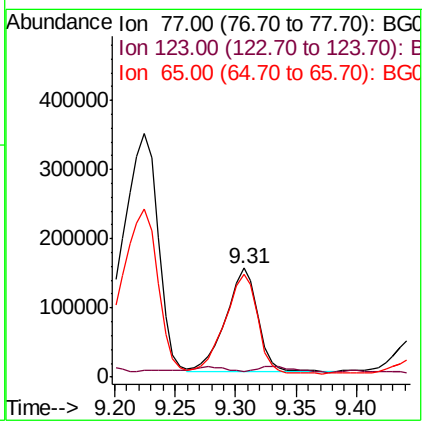


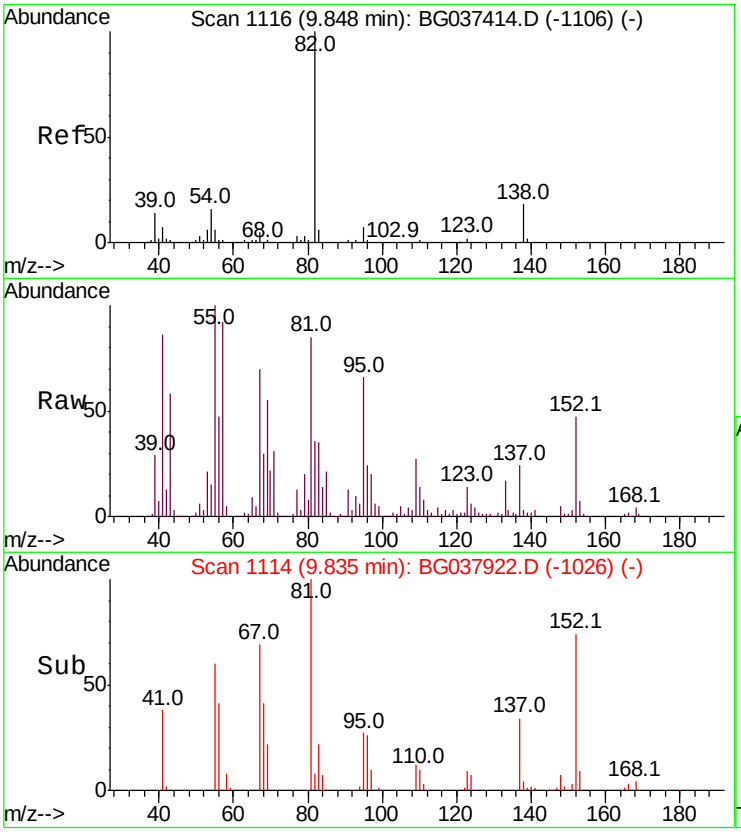


#24
Nitrobenzene
Concen: 80.847 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Tgt Ion: 77 Resp: 280914

Ion	Ratio	Lower	Upper
77	100		
123	5.2	33.6	50.4#
65	94.4	11.3	16.9#



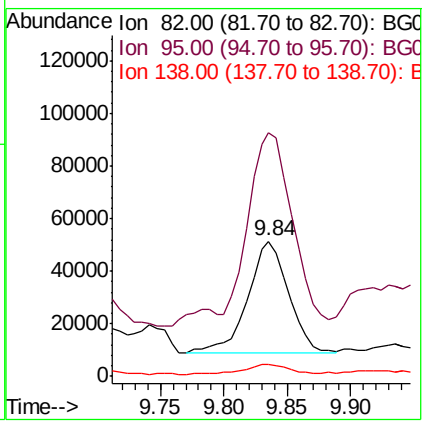


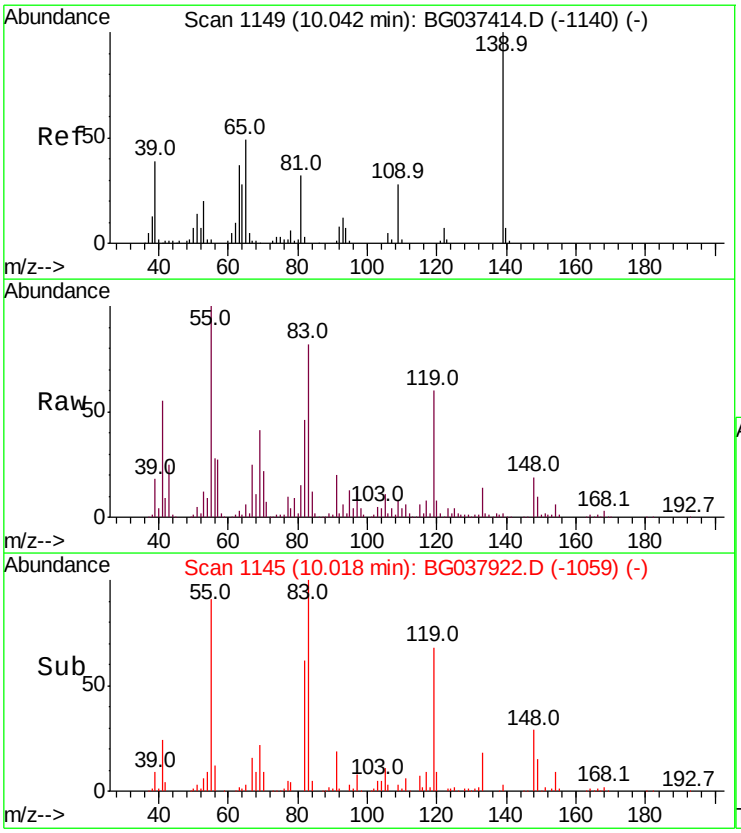
#25
Isophorone
Concen: 15.644 ng
RT: 9.84 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)

Tgt Ion: 82 Resp: 95603

Ion	Ratio	Lower	Upper
82	100		
95	180.5	5.3	7.9#
138	9.1	13.3	19.9#

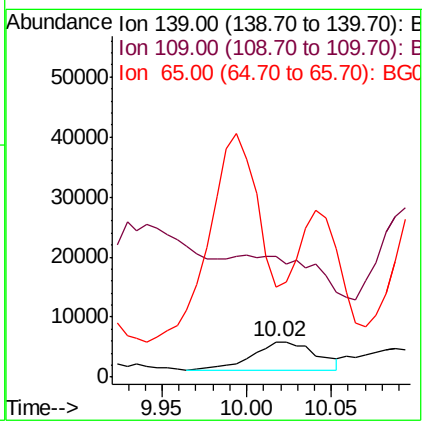


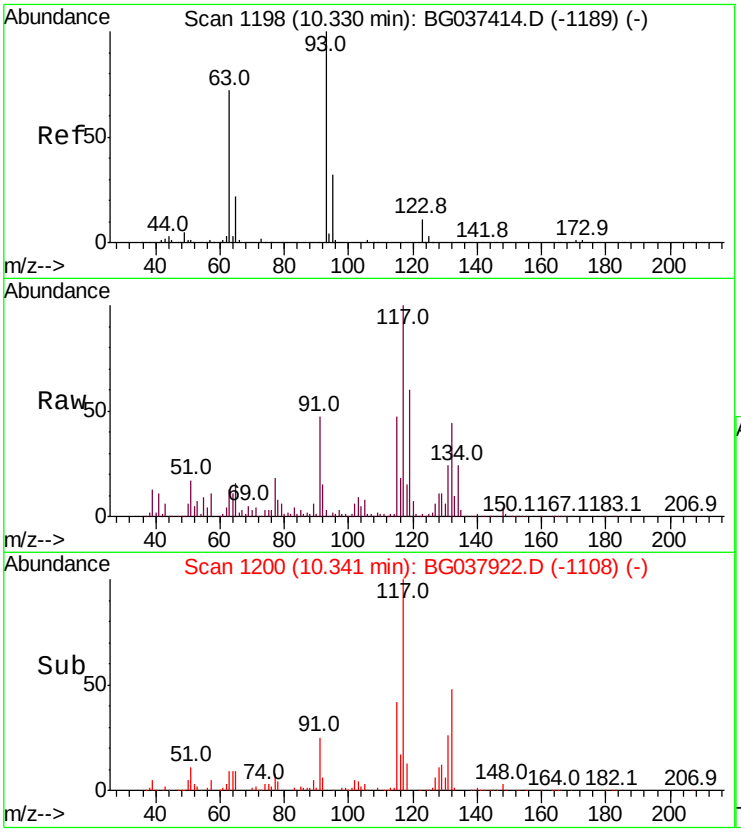


#26
2-Nitrophenol
Concen: 8.028 ng
RT: 10.02 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Tgt Ion:139 Resp: 12566

Ion	Ratio	Lower	Upper
139	100		
109	342.3	23.3	34.9#
65	253.8	39.8	59.8#



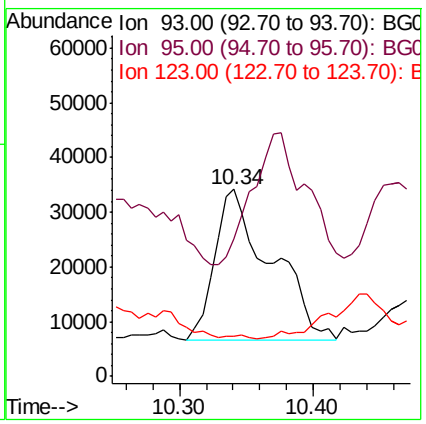


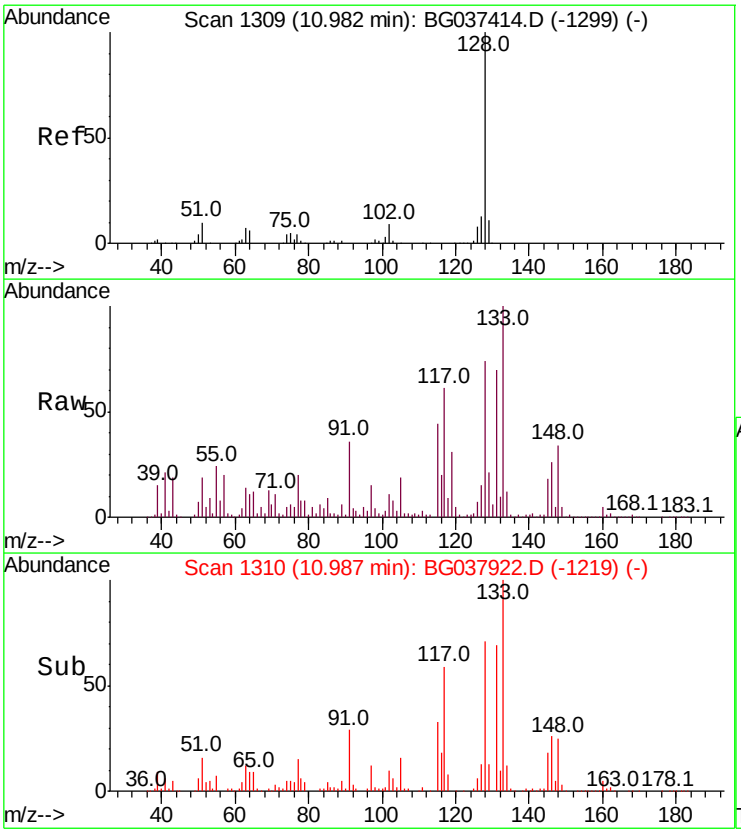
#28
bis(2-Chloroethoxy)methane
Concen: 20.009 ng
RT: 10.34 min Scan# 1200
Delta R.T. 0.01 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)

Tgt Ion: 93 Resp: 80118

Ion	Ratio	Lower	Upper
93	100		
95	73.2	24.6	37.0#
123	21.4	9.1	13.7#

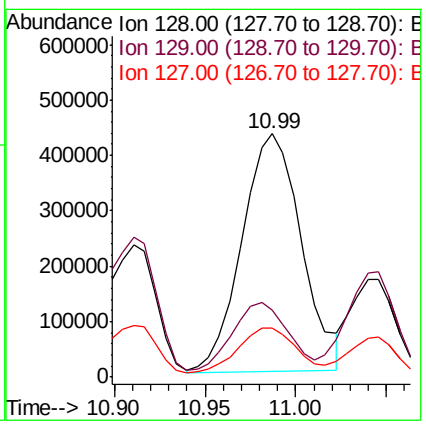


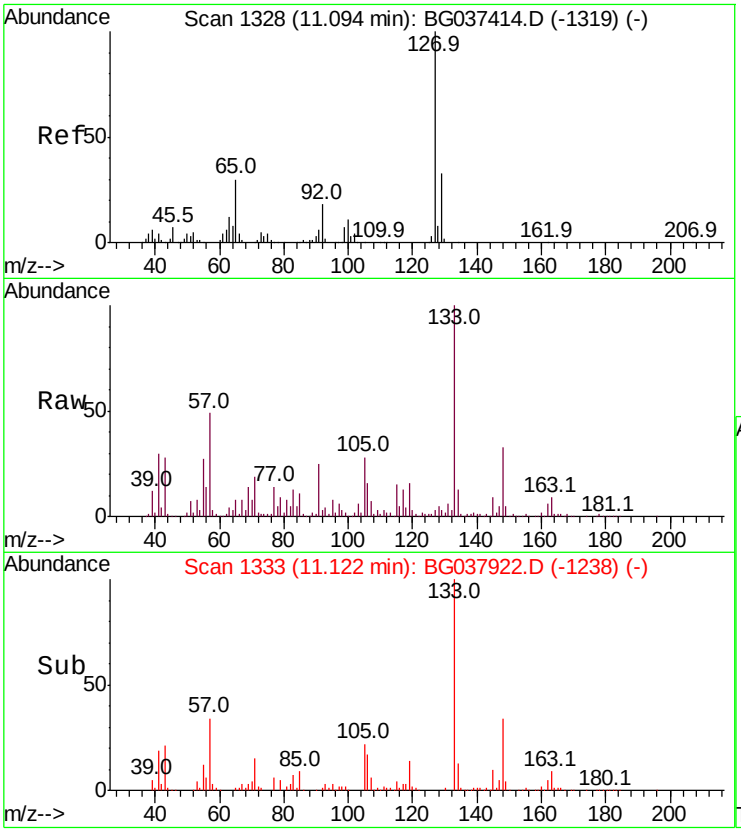


#31
Naphthalene
Concen: 106.702 ng
RT: 10.99 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Tgt Ion:128 Resp: 981974

Ion	Ratio	Lower	Upper
128	100		
129	27.7	9.0	13.6#
127	20.2	11.1	16.7#



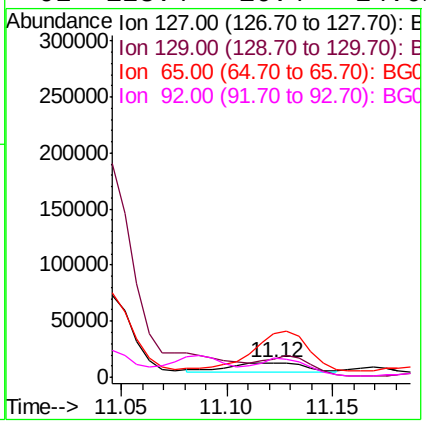


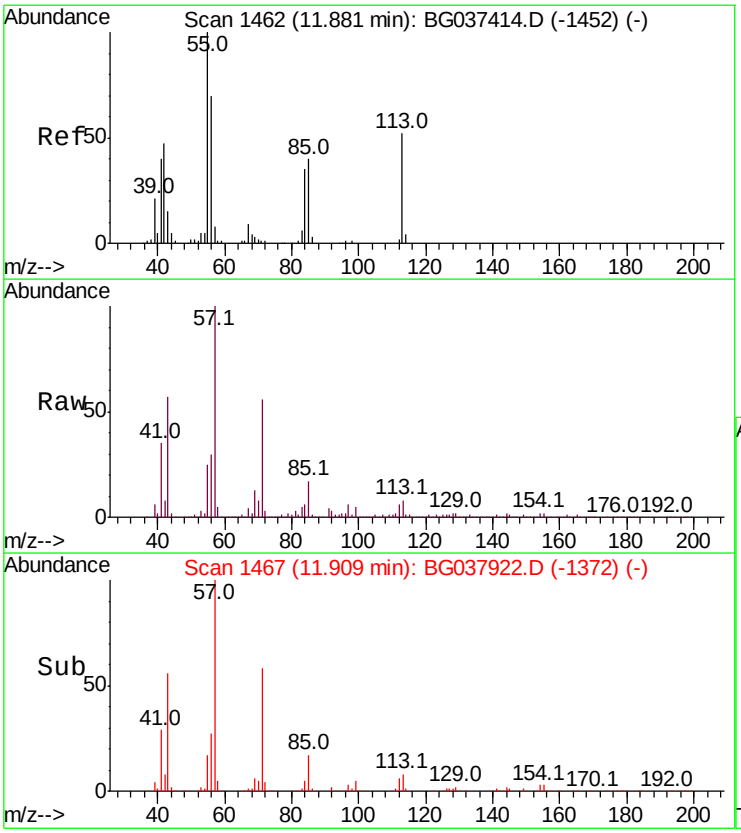
#33
4-Chloroaniline
Concen: 4.800 ng
RT: 11.12 min Scan# 1333
Delta R.T. 0.03 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)

Tgt Ion:127 Resp: 20754

Ion	Ratio	Lower	Upper
127	100		
129	124.9	27.1	40.7#
65	299.4	26.6	39.8#
92	128.4	16.4	24.6#

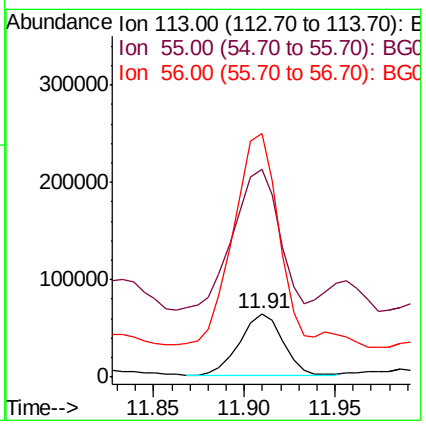


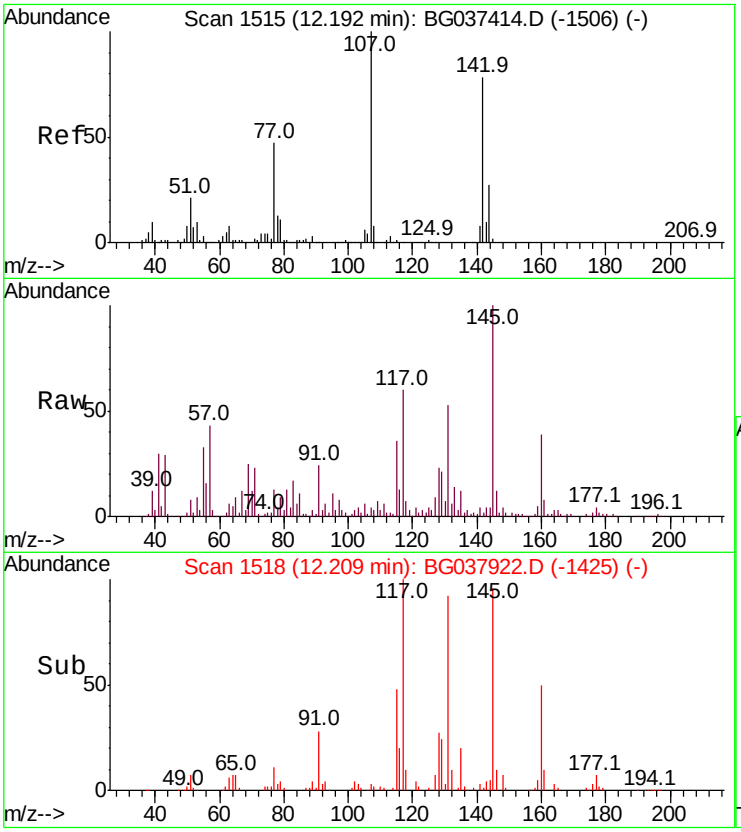


#35
Caprolactam
Concen: 84.181 ng
RT: 11.91 min Scan# 1467
Delta R.T. 0.03 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Tgt Ion:113 Resp: 105059

Ion	Ratio	Lower	Upper
113	100		
55	326.4	176.6	216.6#
56	382.2	128.3	168.3#



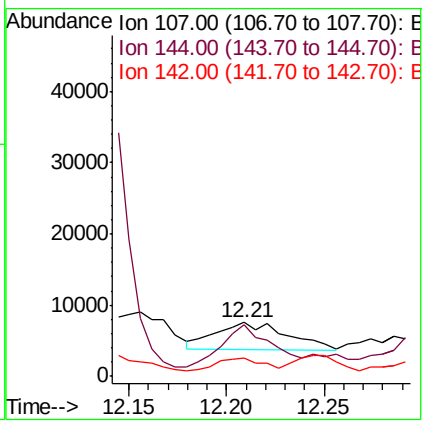


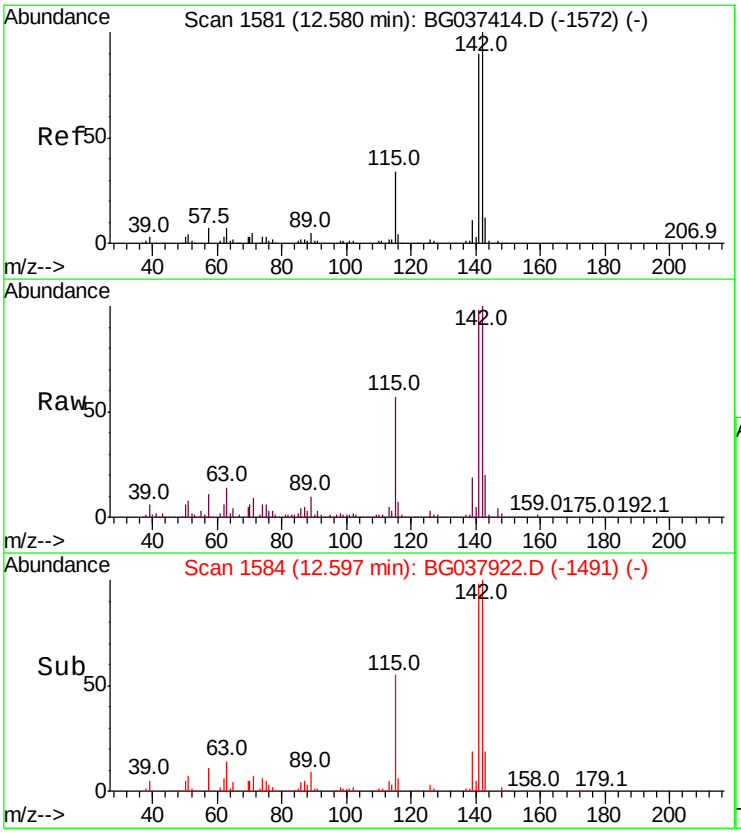
#36
4-Chloro-3-methylphenol
Concen: 2.786 ng
RT: 12.21 min Scan# 1518
Delta R.T. 0.02 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)

Tgt Ion:107 Resp: 9776

Ion	Ratio	Lower	Upper
107	100		
144	95.9	20.7	31.1#
142	34.2	64.4	96.6#

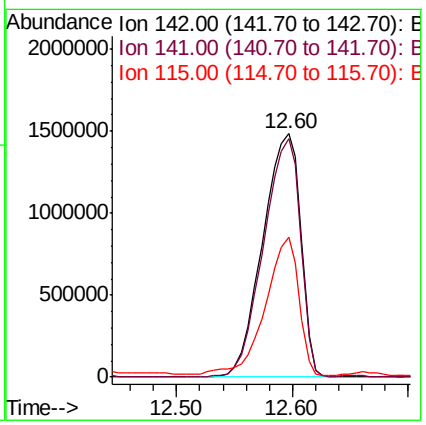


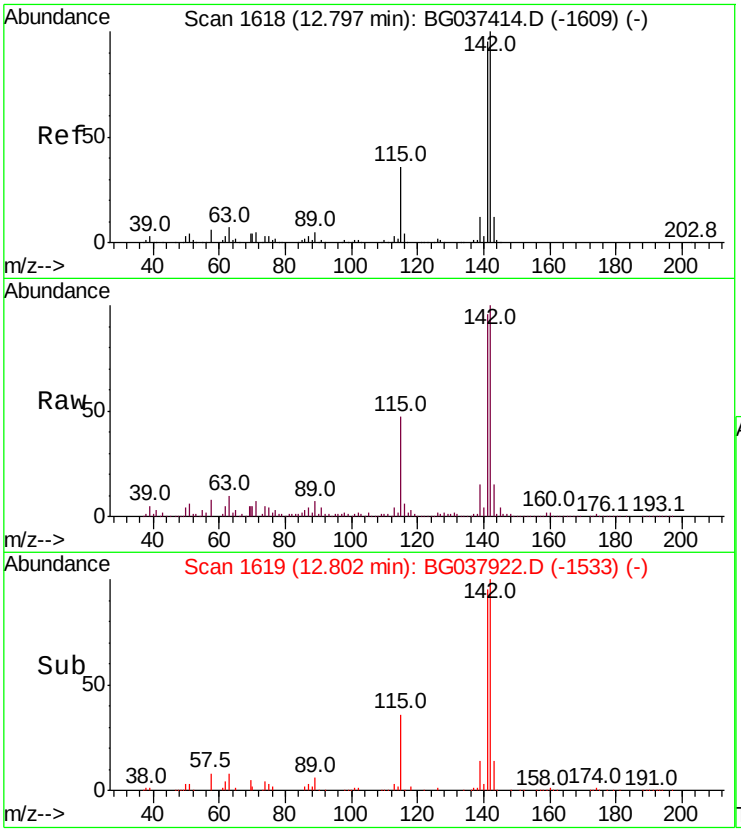


#37
2-Methylnaphthalene
Concen: 504.921 ng
RT: 12.60 min Scan# 1584
Delta R.T. 0.02 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Tgt Ion:142 Resp: 3387317

Ion	Ratio	Lower	Upper
142	100		
141	98.0	71.9	107.9
115	57.4	27.8	41.8#



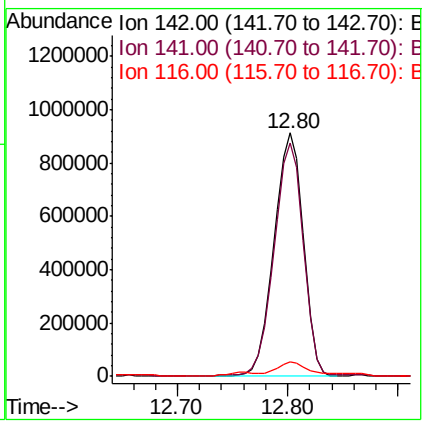


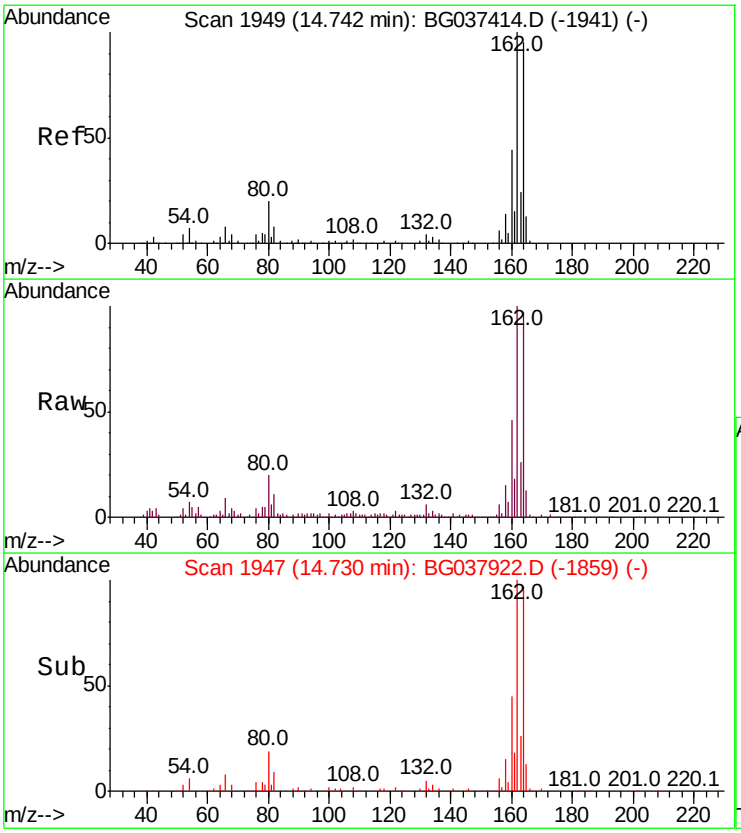
#38
1-Methylnaphthalene
Concen: 255.769 ng
RT: 12.80 min Scan# 1619
Delta R.T. 0.00 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)

Tgt Ion:142 Resp: 1666340

Ion	Ratio	Lower	Upper
142	100		
141	95.7	75.2	112.8
116	5.9	3.3	4.9#

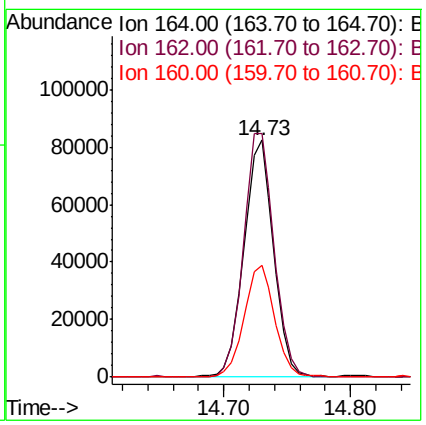


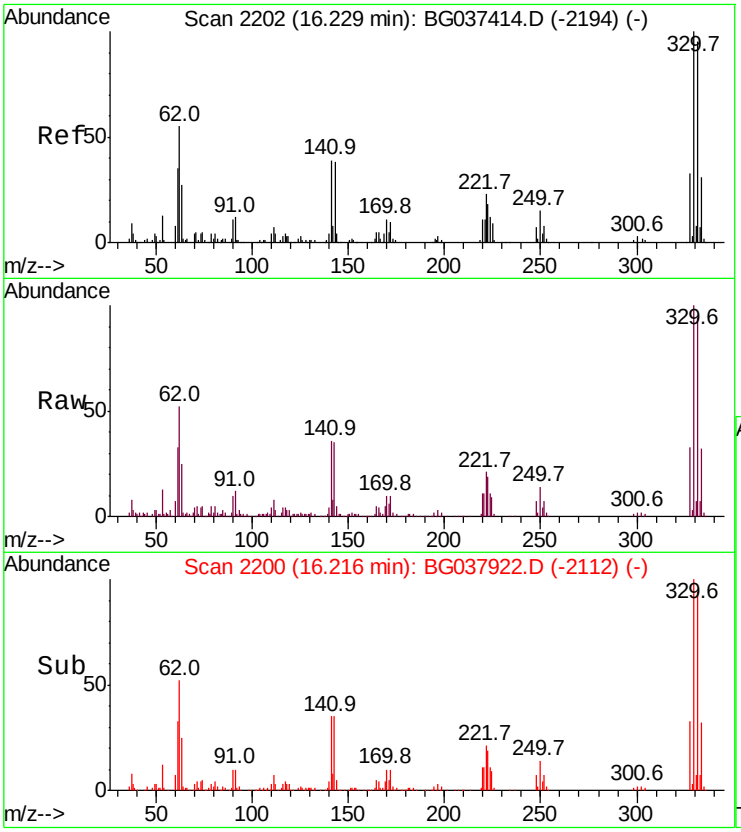


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Tgt Ion:164 Resp: 134083

Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.3	121.9
160	47.1	36.3	54.5



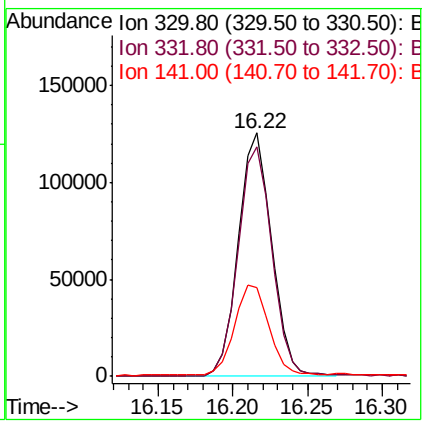


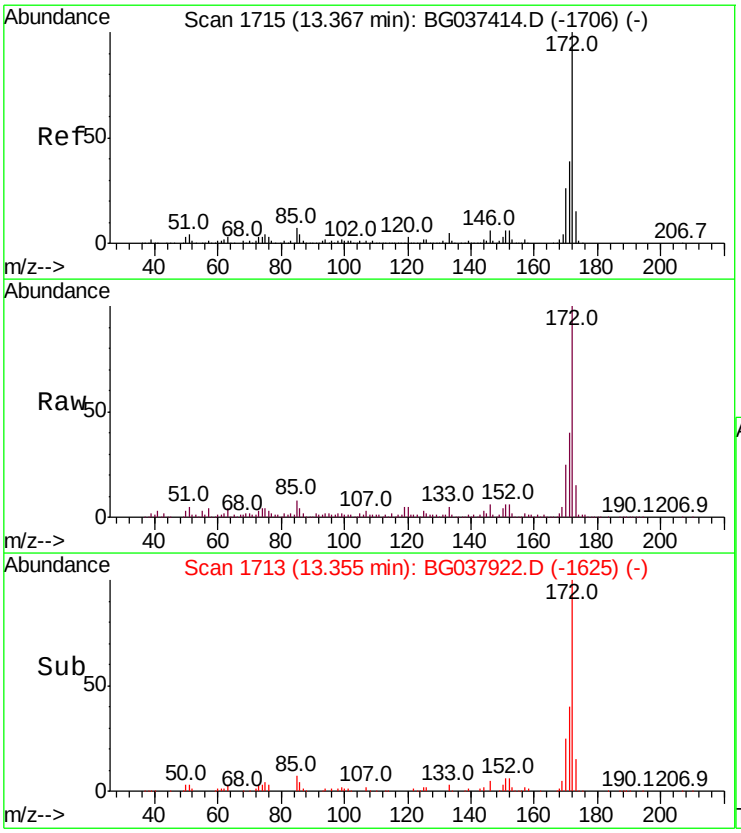
#42
2,4,6-Tribromophenol
Concen: 133.388 ng
RT: 16.22 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)

Tgt Ion:330 Resp: 195070

Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.4	117.6
141	37.9	32.2	48.2

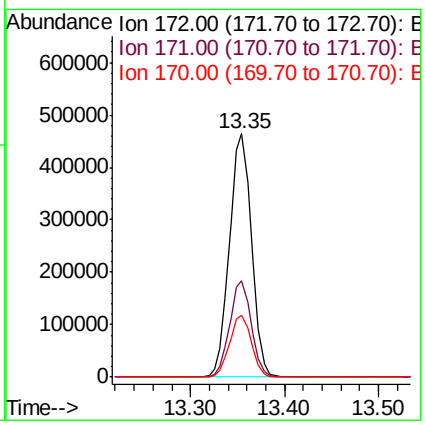


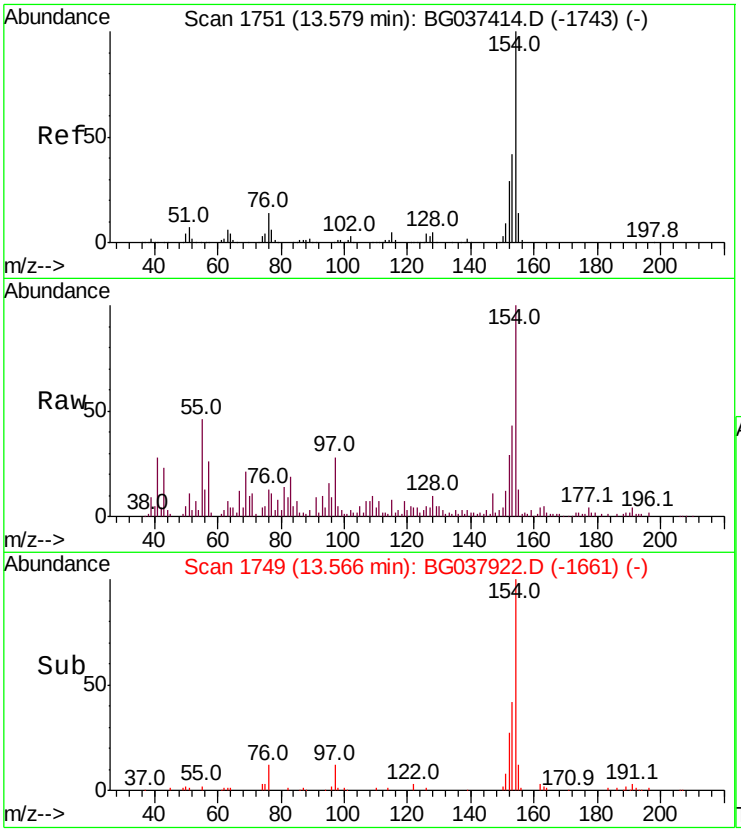


#45
2-Fluorobiphenyl
Concen: 84.593 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Tgt Ion:172 Resp: 752186

Ion	Ratio	Lower	Upper
172	100		
171	39.6	31.0	46.4
170	25.5	20.2	30.2



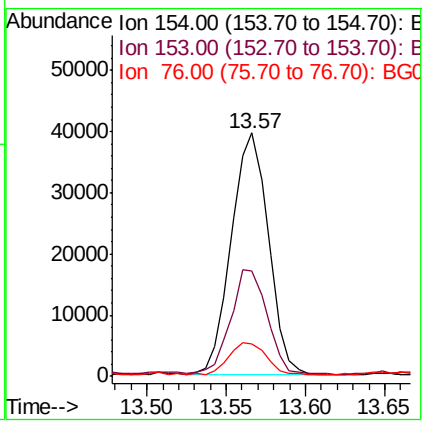


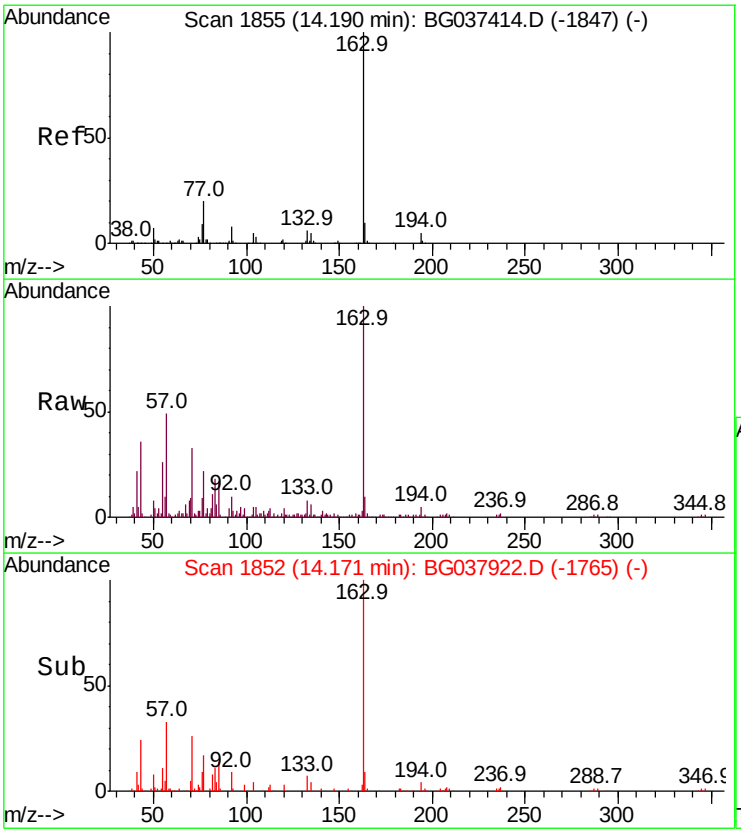
#46
1,1'-Biphenyl
Concen: 5.786 ng
RT: 13.57 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)

Tgt Ion:154 Resp: 64254

Ion	Ratio	Lower	Upper
154	100		
153	43.3	22.1	62.1
76	13.1	0.0	33.2

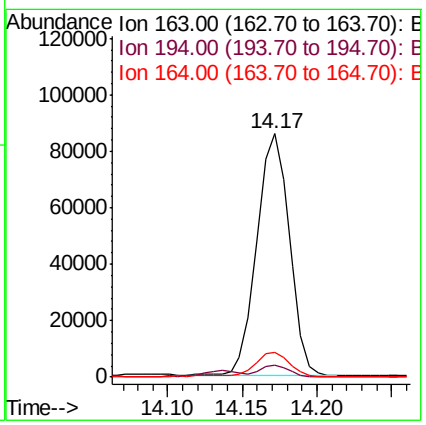


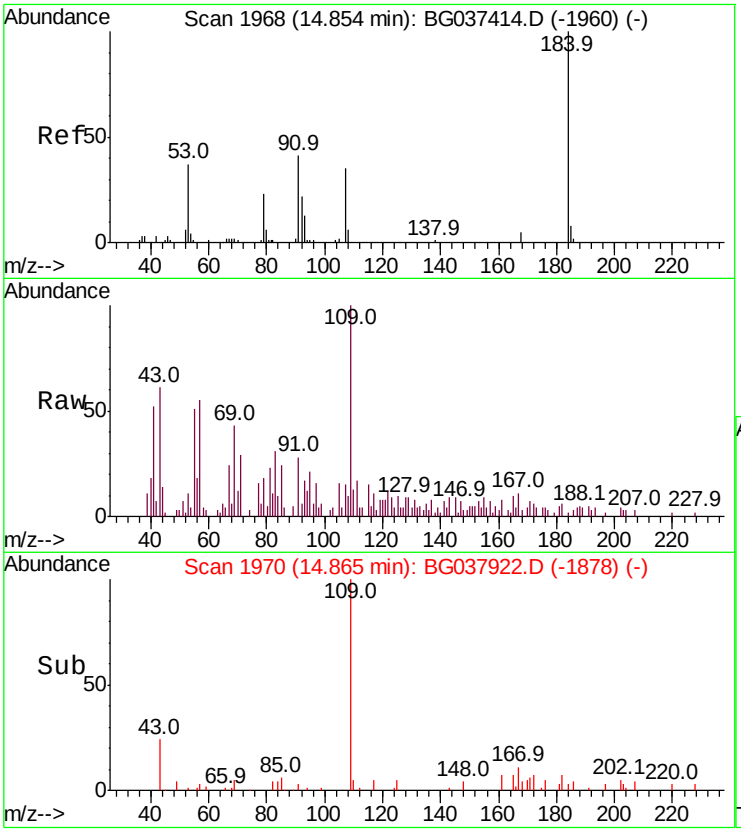


#50
Dimethylphthalate
Concen: 12.524 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Tgt Ion:163 Resp: 129907

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	10.0	8.5	12.7



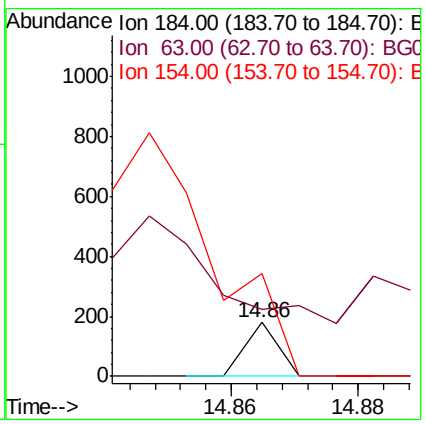


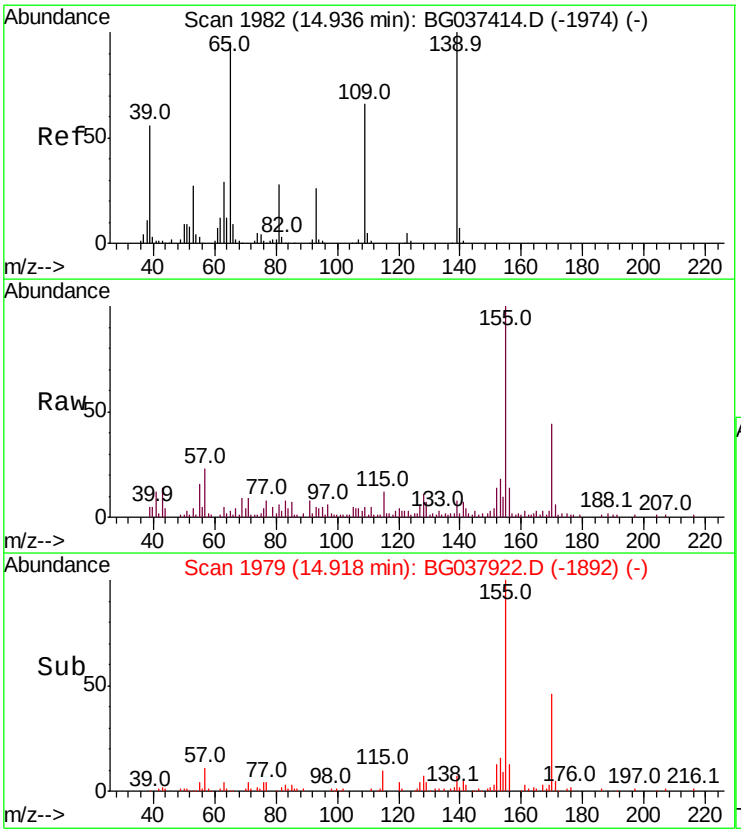
#54
2,4-Dinitrophenol
Concen: 6.225 ng
RT: 14.86 min Scan# 1970
Delta R.T. 0.01 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)

Tgt Ion:184 Resp: 63

Ion	Ratio	Lower	Upper
184	100		
63	125.0	42.6	63.8#
154	190.6	41.8	62.6#

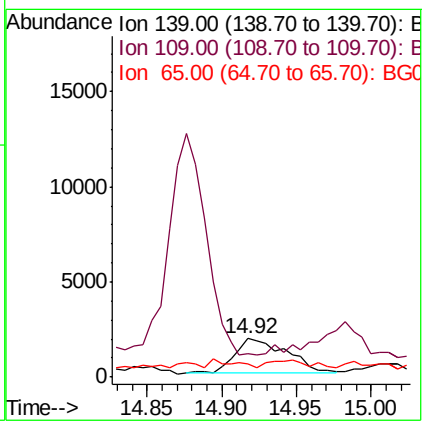


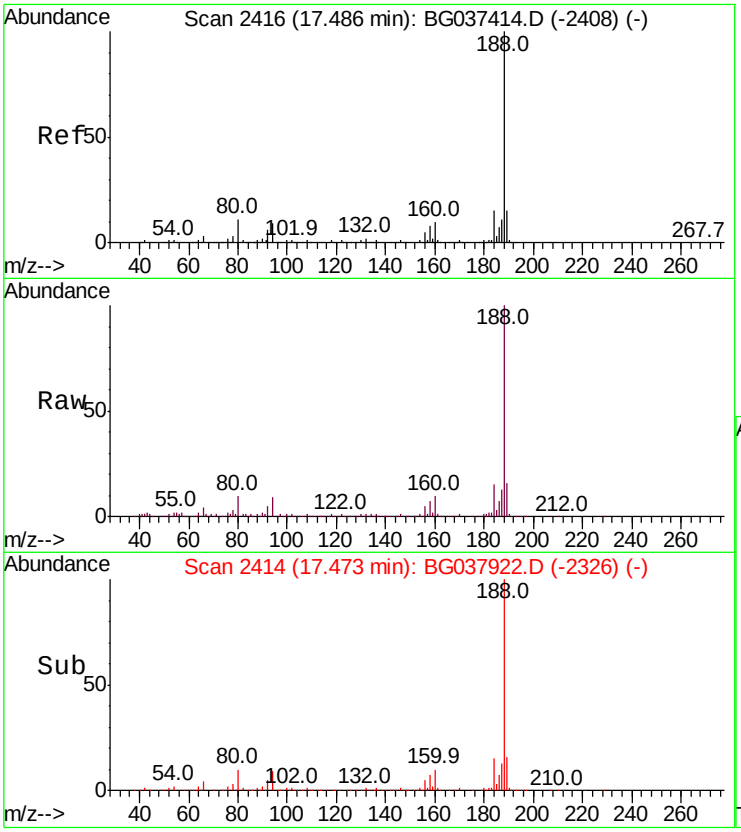


#56
4-Nitrophenol
Concen: 2.221 ng
RT: 14.92 min Scan# 1979
Delta R.T. -0.02 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Tgt Ion:139 Resp: 4188

Ion	Ratio	Lower	Upper
139	100		
109	59.9	49.5	89.5
65	34.7	76.8	116.8#



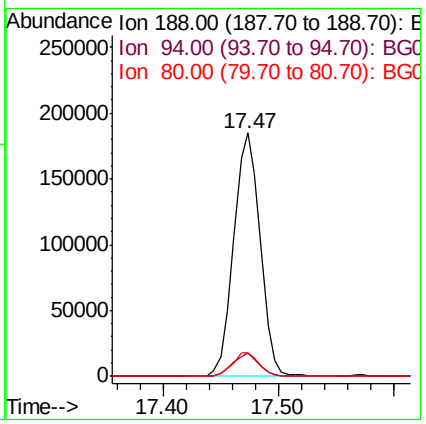


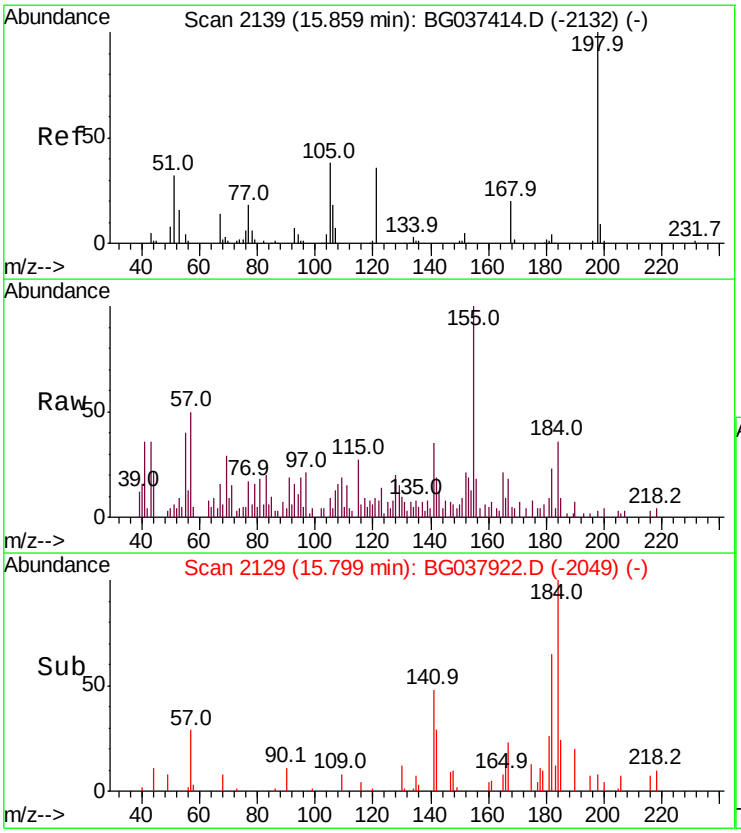
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)

Tgt Ion:188 Resp: 293175

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	9.7	7.7	11.5

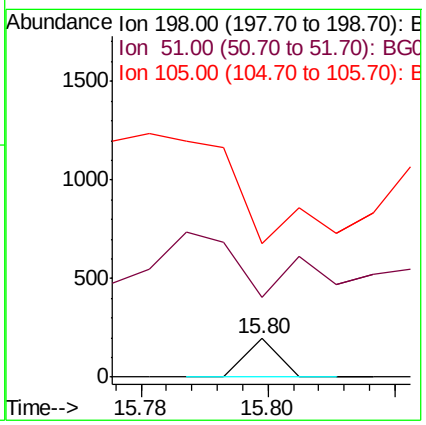


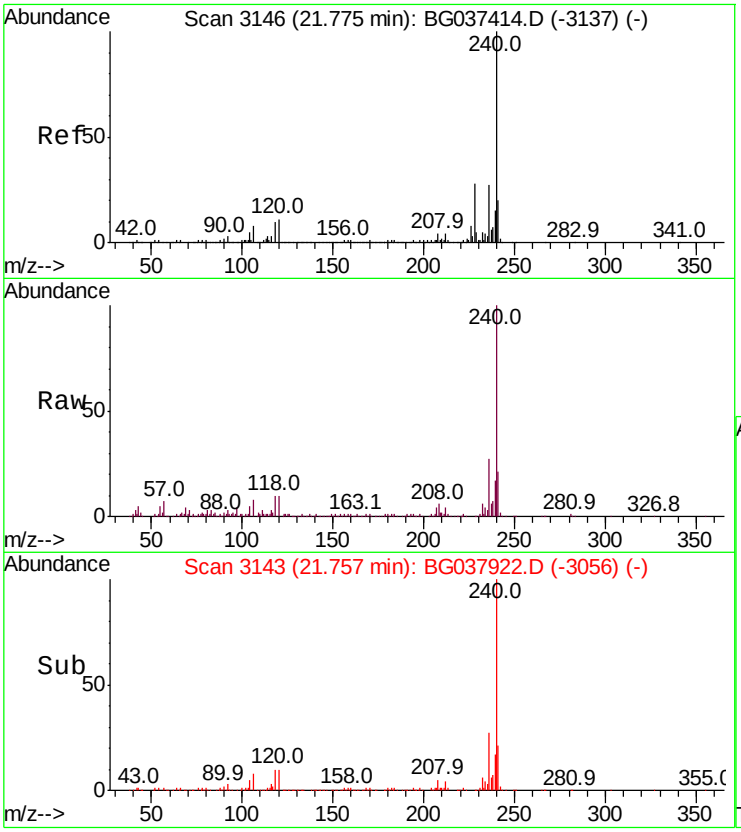


#65
4,6-Dinitro-2-methylphenol
Concen: 8.544 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.06 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Tgt Ion:198 Resp: 69

Ion	Ratio	Lower	Upper
198	100		
51	207.7	22.7	62.7#
105	347.2	19.7	59.7#



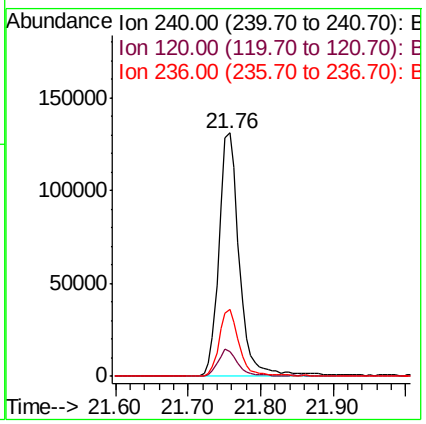


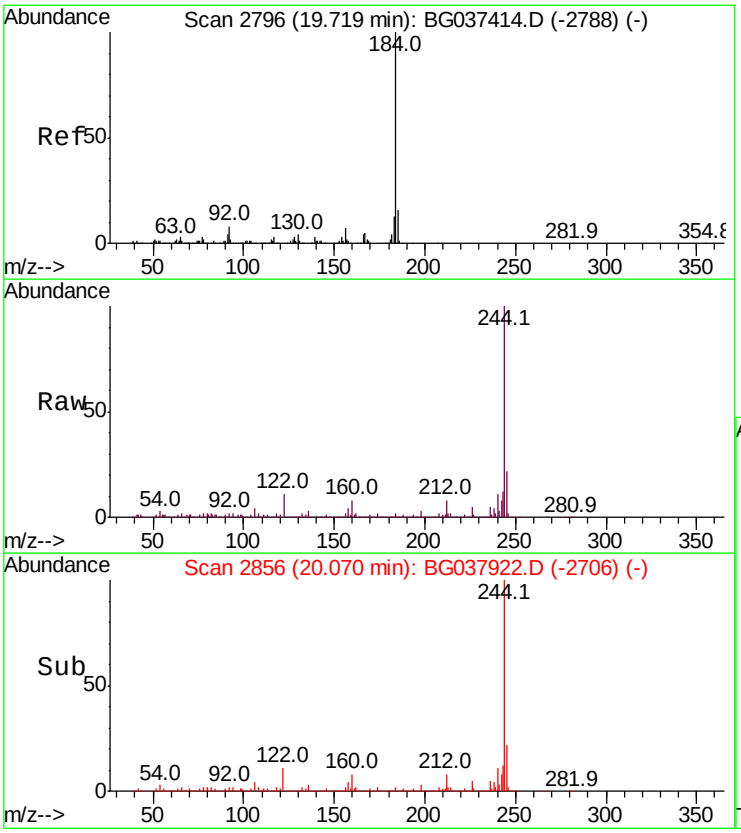
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)

Tgt Ion:240 Resp: 258303

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.1	12.1
236	27.3	21.4	32.0

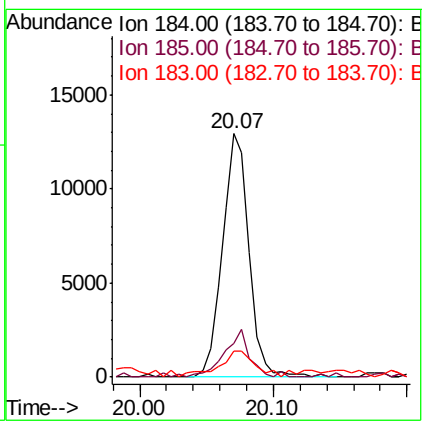


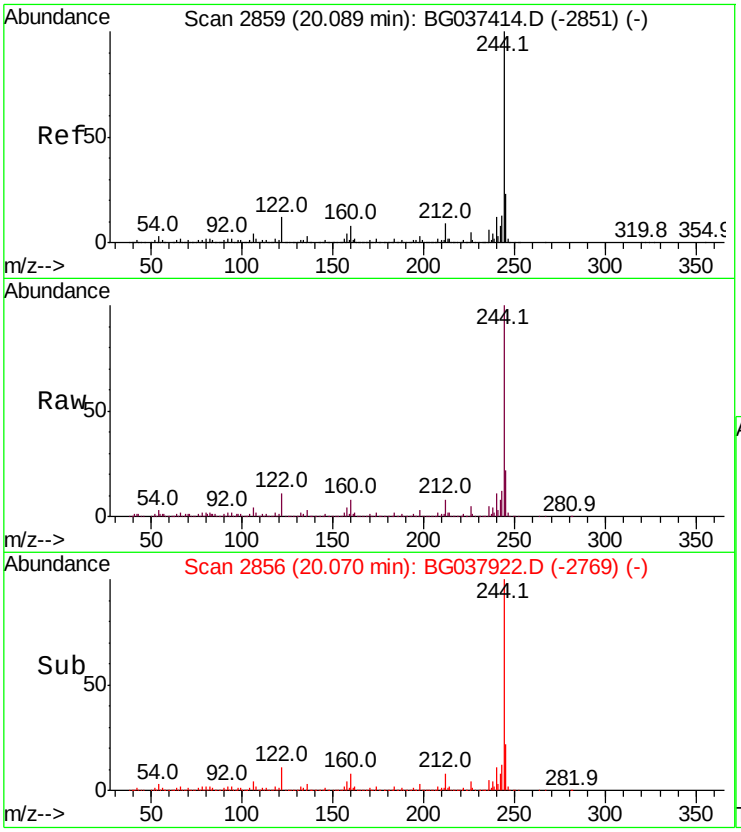


#77
Benzidine
Concen: 2.055 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.35 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Tgt Ion:184 Resp: 18047

Ion	Ratio	Lower	Upper
184	100		
185	13.9	12.6	18.8
183	10.9	10.2	15.2



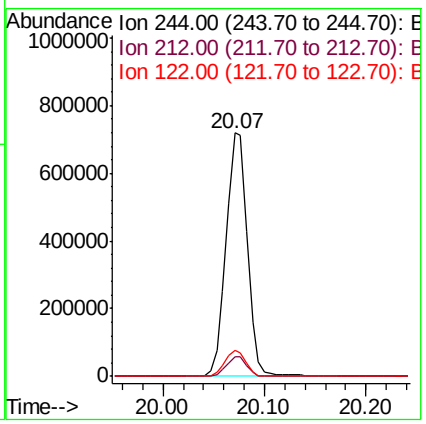


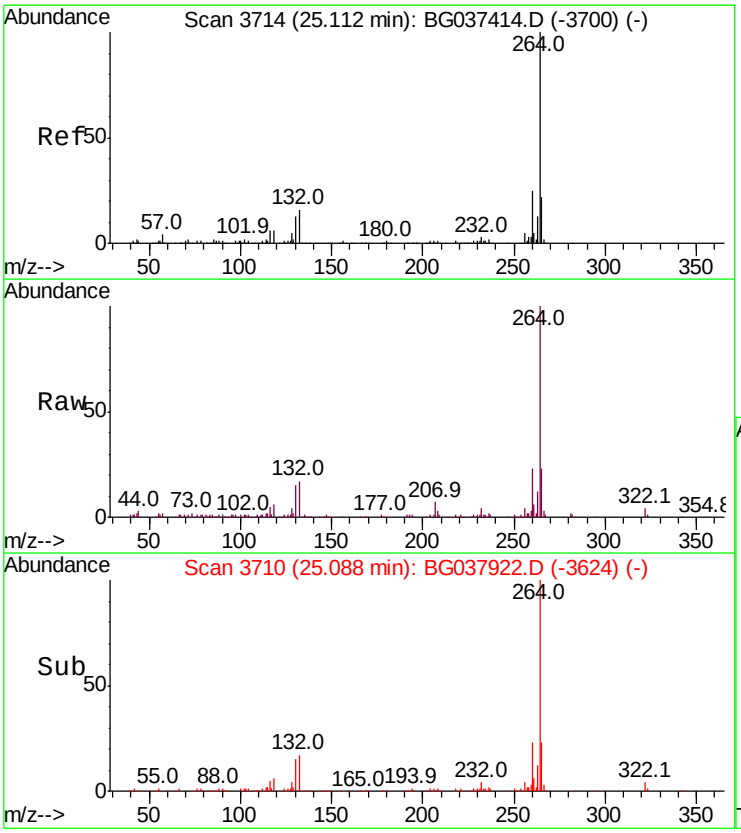
#79
Terphenyl-d14
Concen: 86.868 ng
RT: 20.07 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Instrument :
BNA_G
ClientSampleId :
EP2-SB-111(17-19)

Tgt Ion:244 Resp: 1050105

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	10.9	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3710
Delta R.T. -0.02 min
Lab File: BG037922.D
Acq: 9 Nov 2018 16:03

Tgt Ion:264 Resp: 241950

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	22.6	17.9	26.9