Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032588.D
Acq On : 7 Feb 2018 7:26
Operator : SJ/JU
Sample : J1455-08
Misc : MDL-W-8 ppm
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 07 09:56:04 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	17773	20.00	ng		0.00
21) Naphthalene-d8	11.58	136	91032	20.00	ng		0.00
38) Acenaphthene-d10	15.34	164	63166	20.00	ng		0.00
63) Phenanthrene-d10	18.08	188	152005	20.00	ng		0.00
75) Chrysene-d12	22.40	240	203713	20.00	ng		0.00
86) Perylene-d12	26.07	264	215532	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	64301	72.67	ng		0.00
7) Phenol-d6	7.82	99	45136	38.23	ng		0.00
23) Nitrobenzene-d5	9.91	82	128838	88.40	ng		0.00
41) 2,4,6-Tribromophenol	16.82	330	176251	146.59	ng		0.00
44) 2-Fluorobiphenyl	13.97	172	480295	90.37	ng		0.00
78) Terphenyl-d14	20.61	244	877390	92.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	751	2.523	ng	#	1
4) n-Nitrosodimethylamine	4.39	42	67	0.160	ng	#	1
6) Aniline	7.88	93	62	0.042	ng	#	1
9) Benzaldehyde	7.81	77	136	0.223	ng	#	1
10) Phenol	7.86	94	829	0.739	ng	#	1
11) bis(2-Chloroethyl)ether	8.22	93	57	0.067	ng	#	1
12) 1,3-Dichlorobenzene	8.74	146	65	0.046	ng	#	26
13) 1,4-Dichlorobenzene	8.74	146	65	0.046	ng	#	1
14) 1,2-Dichlorobenzene	8.74	146	65	0.047	ng	#	1
15) Benzyl Alcohol	9.03	79	2599	2.671	ng	#	41
16) 2,2'-oxybis(1-Chloropropan	9.60	45	65	0.080	ng		75
17) 2-Methylphenol	9.17	107	62	0.068	ng	#	13
18) Hexachloroethane	9.84	117	13881	29.161	ng	#	1
19) n-Nitroso-di-n-propylamine	9.91	70	18119	23.143	ng	#	76
20) 3+4-Methylphenols	9.17	107	62	0.049	ng	#	24
22) Acetophenone	9.52	105	11366	5.326	ng	#	54
24) Nitrobenzene	9.93	77	4330	3.072	ng	#	11
25) Isophorone	10.53	82	195	0.079	ng	#	69
27) 2,4-Dimethylphenol	10.83	122	56	0.046	ng	#	1
28) bis(2-Chloroethoxy)methane	10.96	93	929	0.683	ng	#	51
29) 2,4-Dichlorophenol	11.33	162	155	0.096	ng	#	23
31) Naphthalene	11.64	128	11924	2.682	ng	#	74
32) Benzoic acid	10.83	122	56	7.335	ng	#	36
33) 4-Chloroaniline	11.76	127	143	0.072	ng	#	1
35) Caprolactam	12.45	113	81	0.174	ng	#	37
36) 4-Chloro-3-methylphenol	12.84	107	666	0.433	ng	#	22
37) 2-Methylnaphthalene	13.42	142	59771	16.002	ng		89
45) 1,1'-Biphenyl	14.18	154	743	0.139	ng		73
46) 2-Chloronaphthalene	14.19	162	569	0.136	ng	#	46
47) 2-Nitroaniline	14.44	65	113	0.122	ng	#	32
48) Acenaphthylene	15.06	152	4138	0.654	ng	#	14
49) Dimethylphthalate	14.77	163	16018	2.750	ng	#	91
50) 2,6-Dinitrotoluene	14.94	165	1200	0.982	ng	#	27
51) Acenaphthene	15.40	154	14114	3.218	ng		93

Quantitation Report (Not Reviewed)

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Data File : BG032588.D
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Operator : SJ/JU
Sample : J1455-08
Misc : MDL-W-8 ppm
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 07 09:56:04 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) 3-Nitroaniline	15.24	138	70	0.066	ng	#	1
53) 2,4-Dinitrophenol	15.61	184	73	4.195	ng	#	13
54) Dibenzofuran	15.74	168	18693	2.880	ng	#	95
55) 4-Nitrophenol	15.52	139	583	0.729	ng	#	1
56) 2,4-Dinitrotoluene	15.64	165	1493	0.858	ng	#	55
57) Fluorene	16.38	166	24009	4.451	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.63	232	57	0.031	ng	#	1
59) Diethylphthalate	16.11	149	2279	0.402	ng	#	1
60) 4-Chlorophenyl-phenylether	16.33	204	265	0.078	ng	#	1
61) 4-Nitroaniline	16.33	138	84	0.073	ng		93
62) Azobenzene	16.70	77	16489	4.864	ng	#	63
64) 4,6-Dinitro-2-methylphenol	16.58	198	59	0.052	ng	#	1
65) n-Nitrosodiphenylamine	16.57	169	3446	0.760	ng	#	78
66) 4-Bromophenyl-phenylether	16.82	248	13168	5.847	ng	#	1
68) Atrazine	17.51	200	326	0.167	ng	#	1
70) Phenanthrene	18.12	178	2319	0.274	ng	#	60
71) Anthracene	18.21	178	554	0.066	ng	#	11
72) Carbazole	18.48	167	5615	0.753	ng	#	86
73) Di-n-butylphthalate	18.98	149	1308	0.158	ng	#	1
74) Fluoranthene	20.08	202	853	0.077	ng		65
76) Benzidine	20.26	184	414	0.103	ng	#	1
77) Pyrene	20.44	202	203	0.016	ng	#	1
79) Butylbenzylphthalate	21.30	149	635	0.161	ng	#	18
80) Benzo(a)anthracene	22.38	228	1102	0.087	ng	#	27
81) 3,3'-Dichlorobenzidine	22.30	252	53	0.011	ng	#	26
82) Chrysene	22.45	228	186	0.015	ng	#	49
83) Bis(2-ethylhexyl)phthalate	22.21	149	950	0.170	ng	#	48
84) Di-n-octyl phthalate	23.58	149	505	0.057	ng	#	74
85) Indeno(1,2,3-cd)pyrene	30.14	276	59	0.004	ng	#	53
87) Benzo(b)fluoranthene	24.89	252	63	0.005	ng	#	59
88) Benzo(k)fluoranthene	25.06	252	56	0.004	ng	#	60
89) Benzo(a)pyrene	25.87	252	54	0.004	ng	#	59
91) Benzo(g,h,i)perylene	31.84	276	57	0.005	ng	#	56

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

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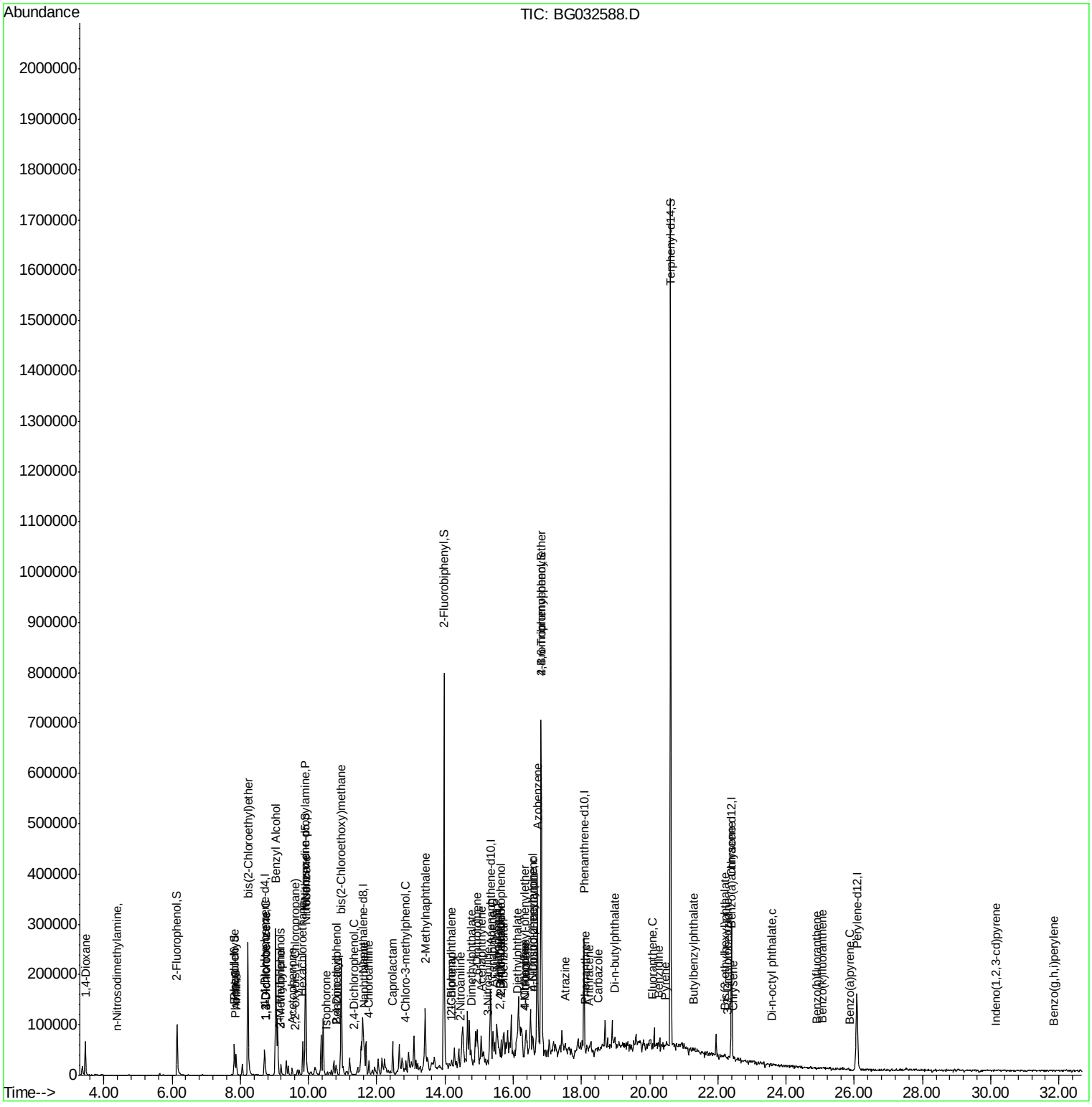
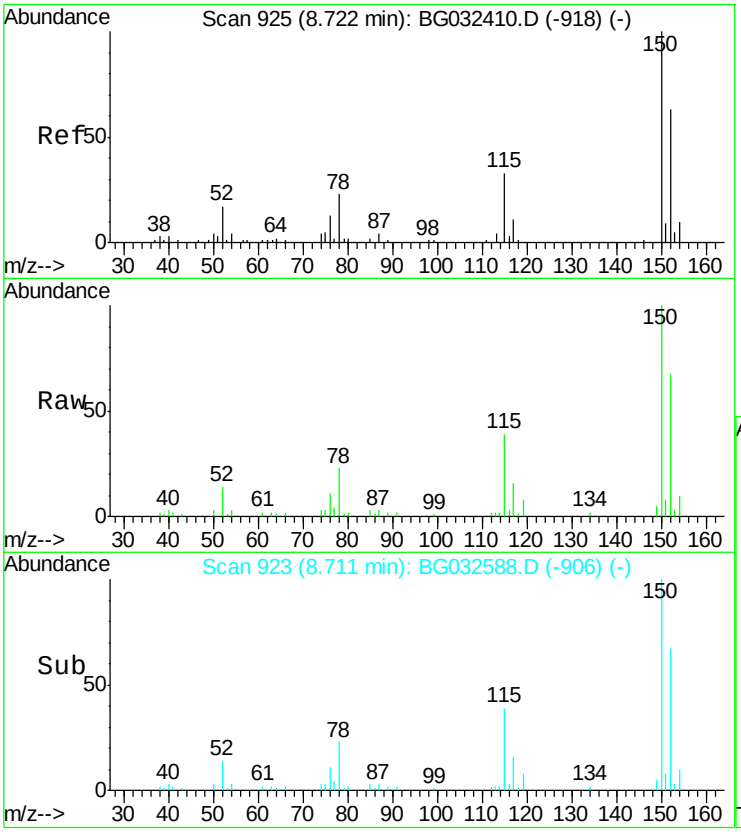


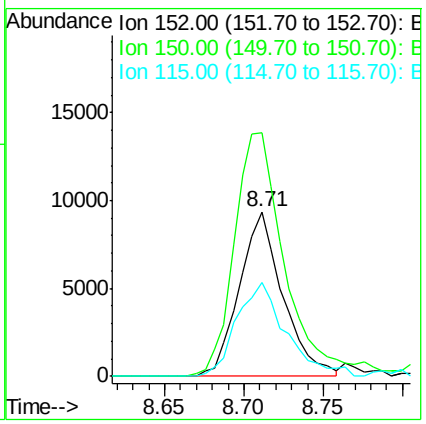


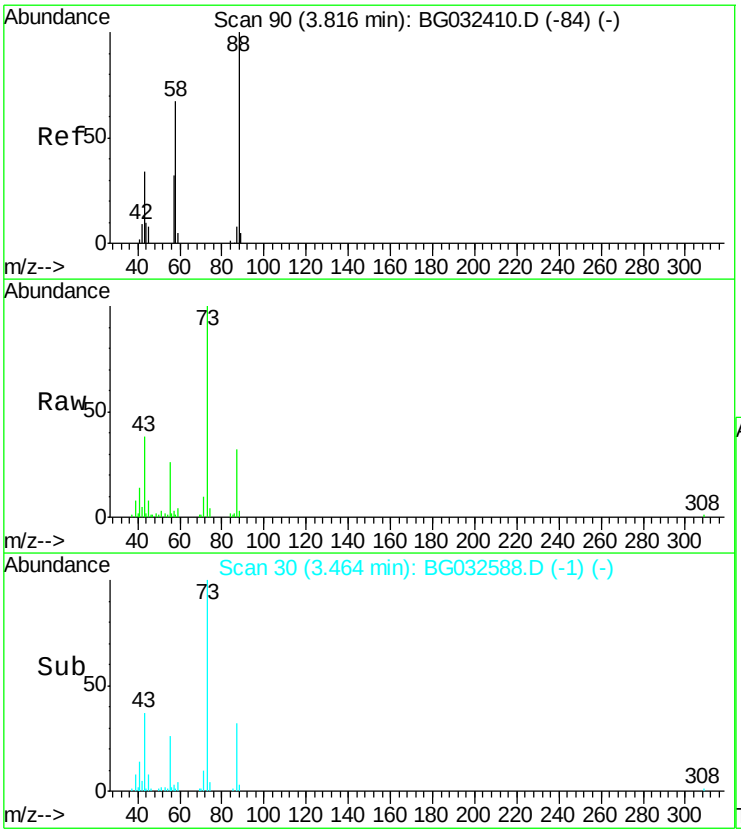
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. 0.00 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 17773

Ion	Ratio	Lower	Upper
152	100		
150	148.2	126.6	189.8
115	57.1	53.0	79.4

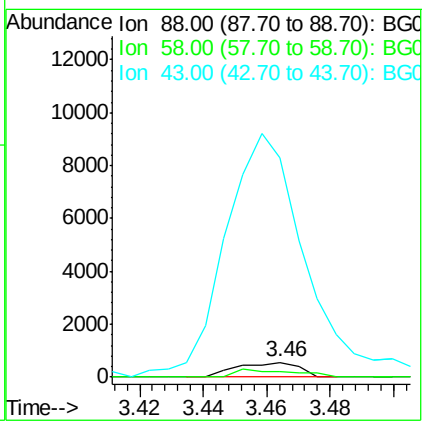


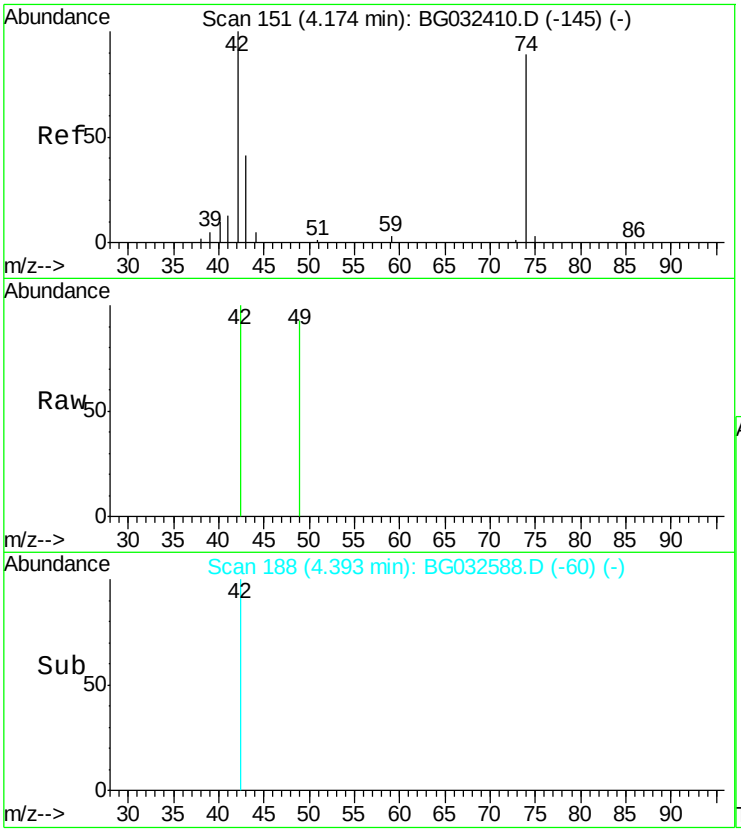


#2
1,4-Dioxane
Concen: 2.523 ng
RT: 3.46 min Scan# 30
Delta R.T. -0.35 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion: 88 Resp: 751

Ion	Ratio	Lower	Upper
88	100		
58	49.3	79.6	119.4#
43	2218.9	27.4	41.0#



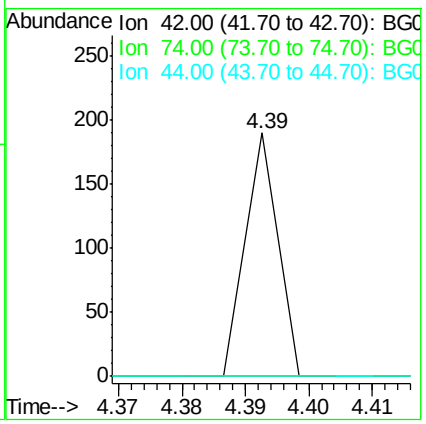


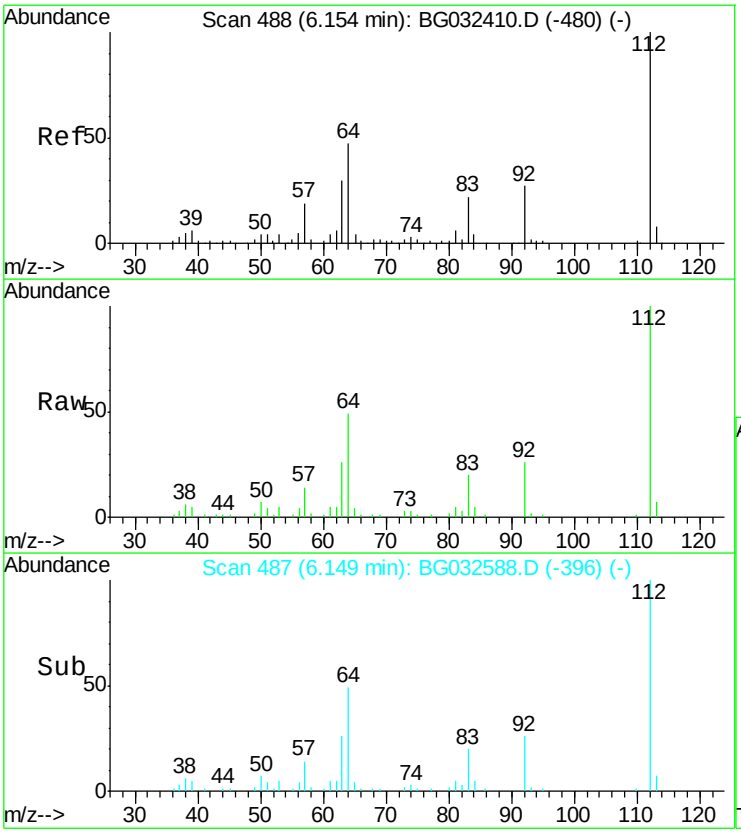
#4
n-Nitrosodimethylamine
Concen: 0.160 ng
RT: 4.39 min Scan# 188
Delta R.T. 0.22 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 42 Resp: 67

Ion	Ratio	Lower	Upper
42	100		
74	0.0	102.5	153.7#
44	0.0	18.9	28.3#

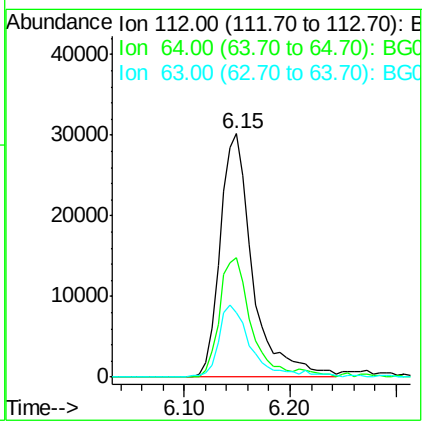


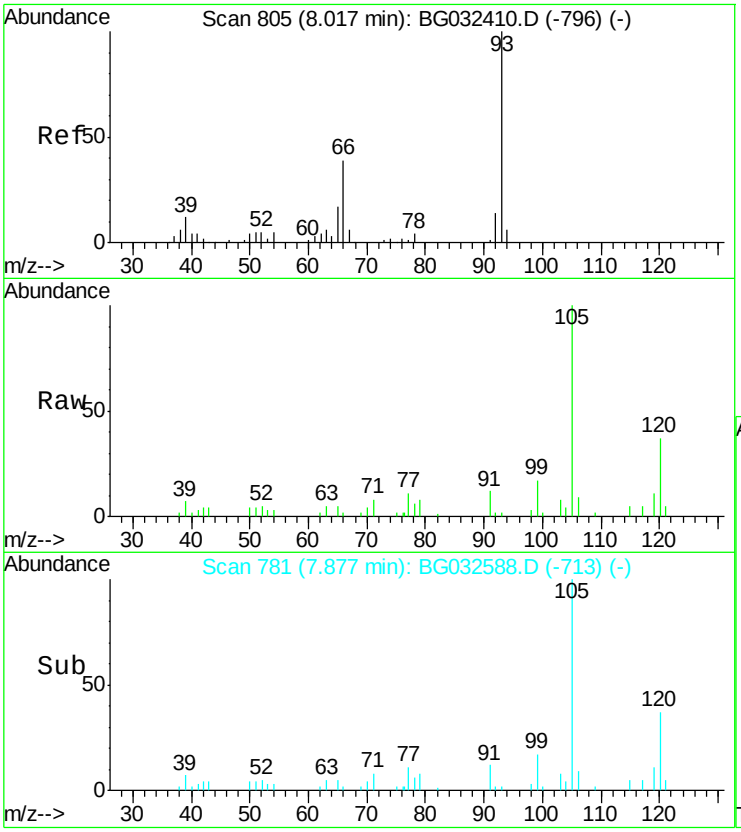


#5
2-Fluorophenol
Concen: 72.668 ng
RT: 6.15 min Scan# 487
Delta R.T. 0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion:112 Resp: 64301

Ion	Ratio	Lower	Upper
112	100		
64	49.0	56.3	84.5#
63	26.2	30.1	45.1#



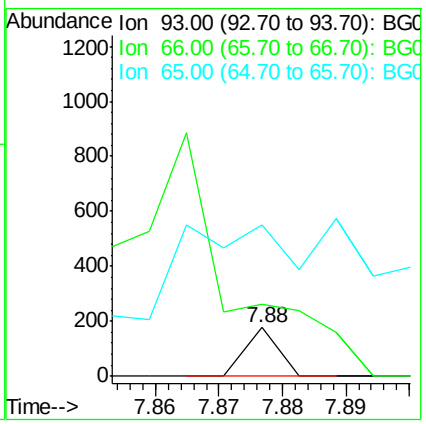


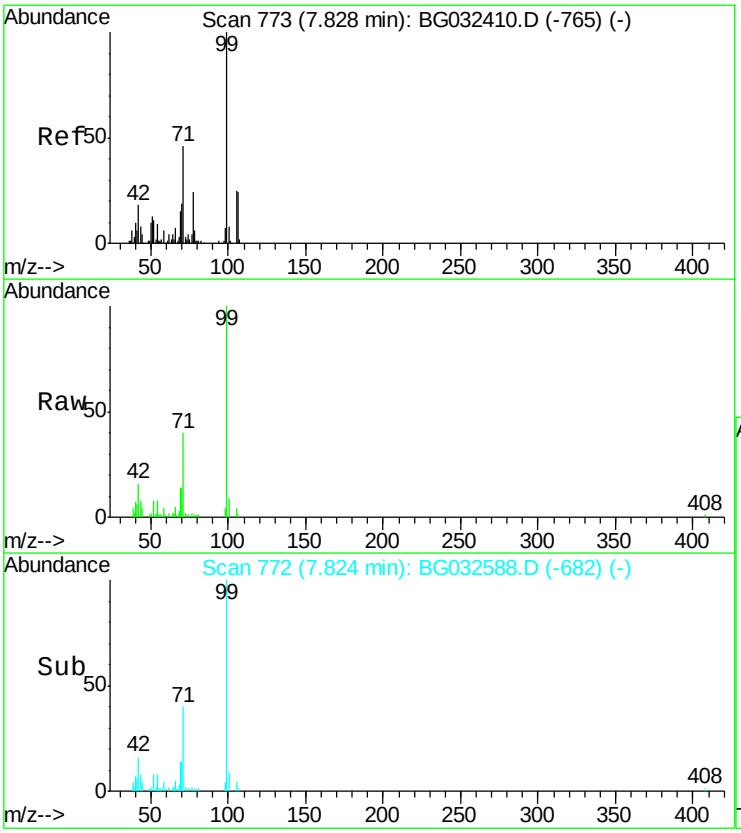
#6
Aniline
Concen: 0.042 ng
RT: 7.88 min Scan# 781
Delta R.T. -0.13 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 62

Ion	Ratio	Lower	Upper
93	100		
66	148.0	33.7	50.5#
65	311.9	16.1	24.1#

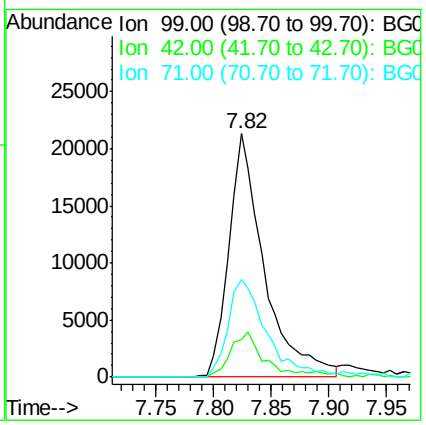


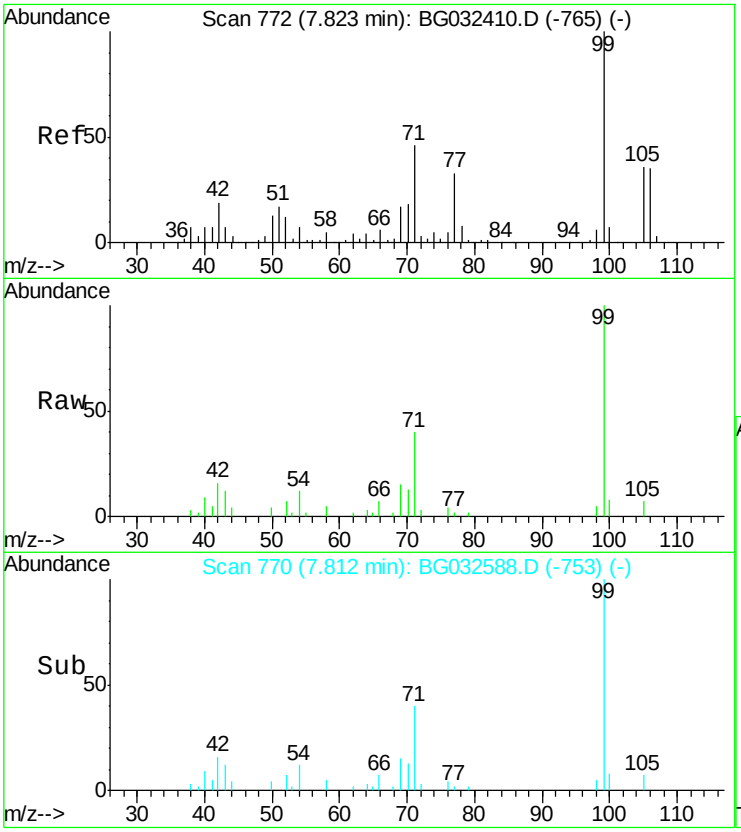


#7
Phenol-d6
Concen: 38.226 ng
RT: 7.82 min Scan# 772
Delta R.T. 0.00 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion: 99 Resp: 45136

Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.1	21.1
71	40.0	26.1	39.1#



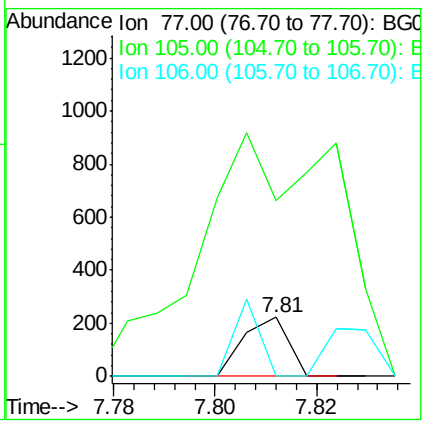


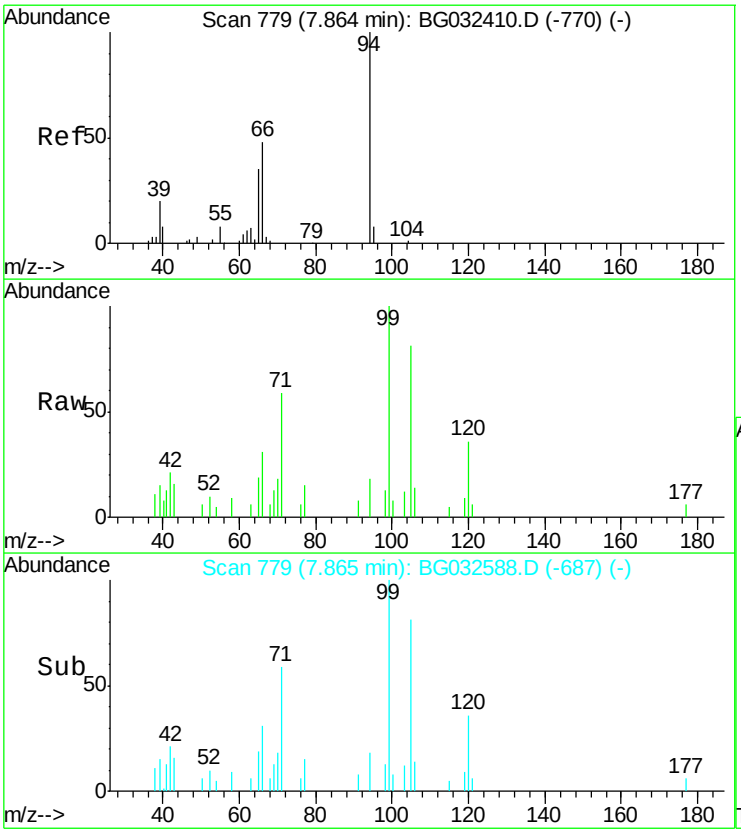
#9
Benzaldehyde
Concen: 0.223 ng
RT: 7.81 min Scan# 770
Delta R.T. 0.00 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 136

Ion	Ratio	Lower	Upper
77	100		
105	300.5	71.3	111.3#
106	0.0	64.2	104.2#

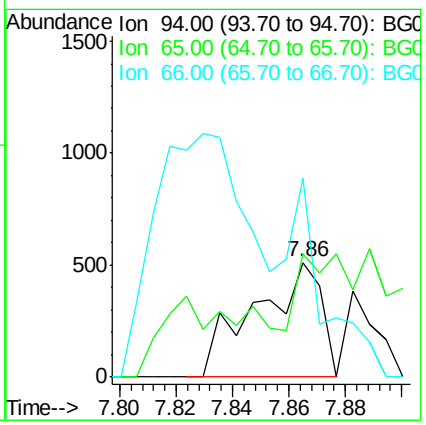


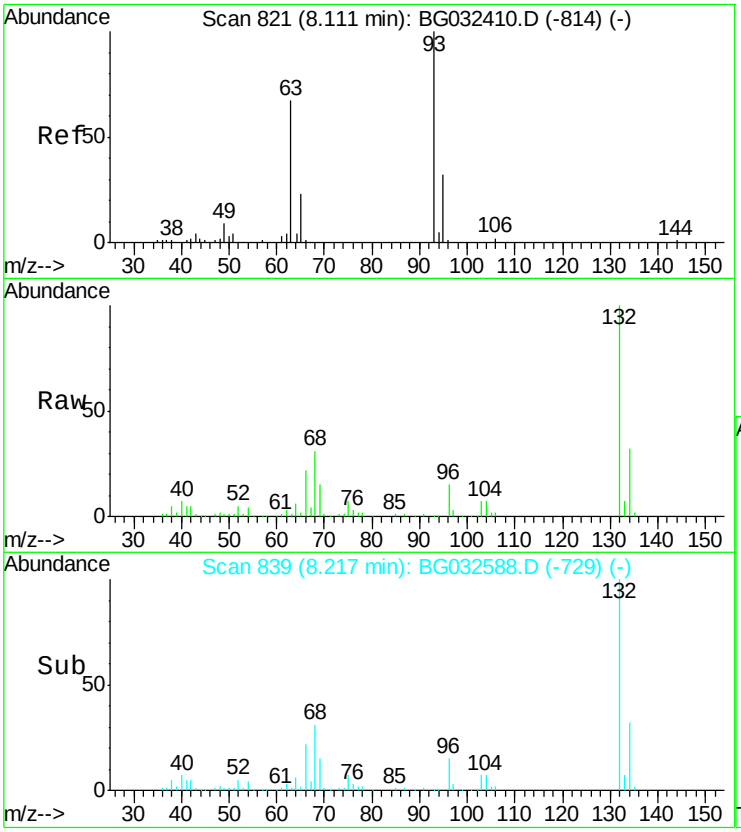


#10
Phenol
Concen: 0.739 ng
RT: 7.86 min Scan# 779
Delta R.T. 0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion: 94 Resp: 829

Ion	Ratio	Lower	Upper
94	100		
65	107.6	11.9	51.9#
66	173.4	22.2	62.2#



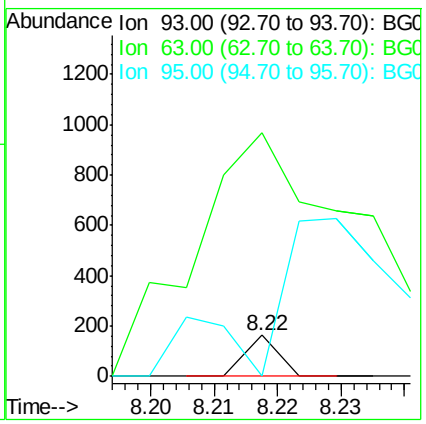


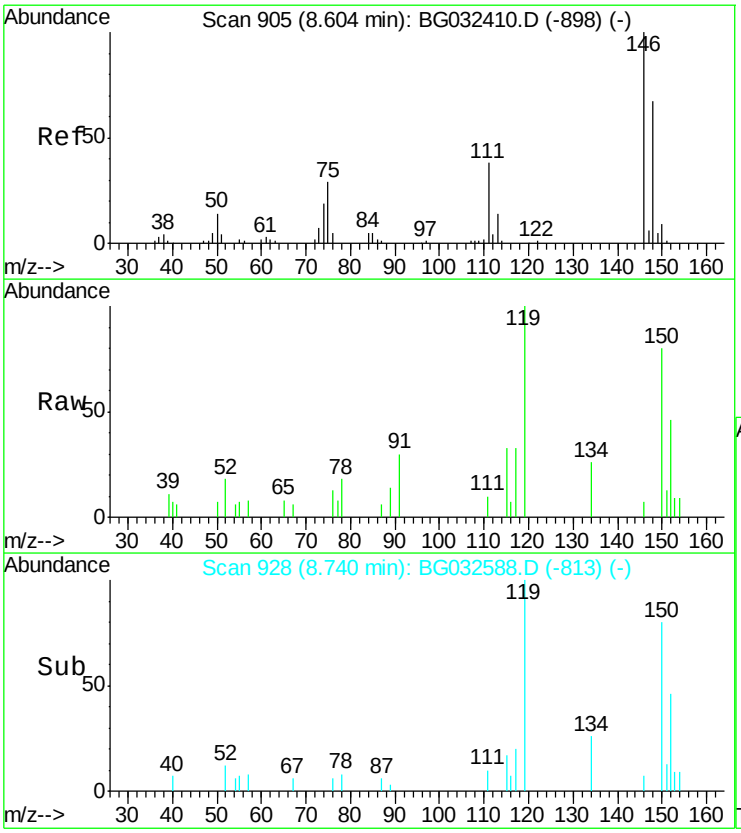
#11
bis(2-Chloroethyl)ether
Concen: 0.067 ng
RT: 8.22 min Scan# 839
Delta R.T. 0.12 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 57

Ion	Ratio	Lower	Upper
93	100		
63	597.5	67.1	107.1#
95	0.0	11.5	51.5#

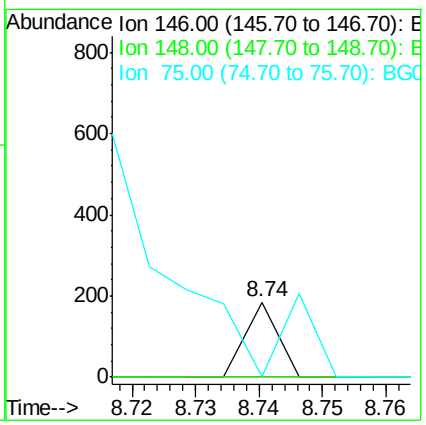


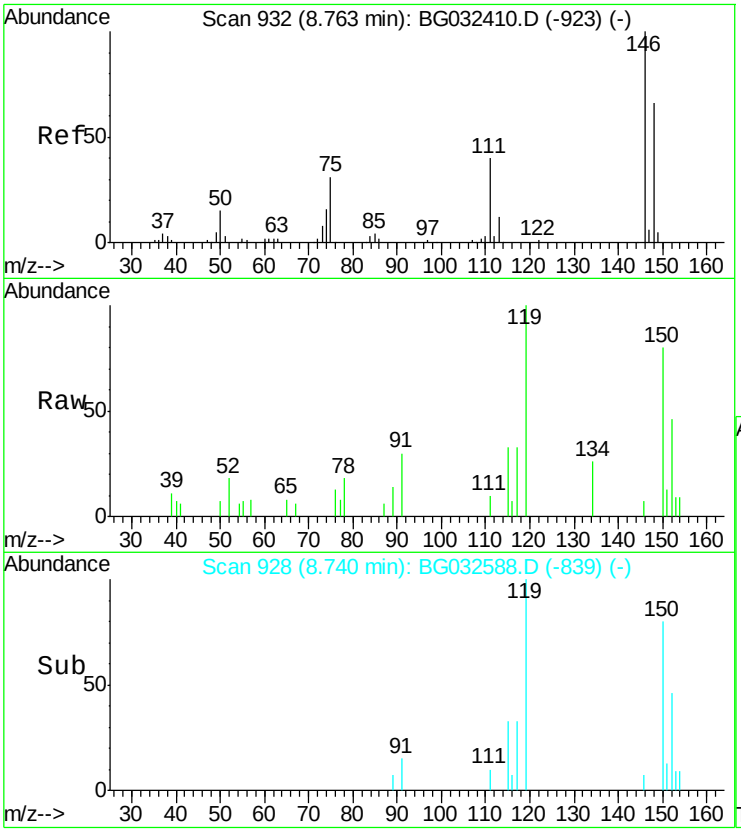


#12
1,3-Dichlorobenzene
Concen: 0.046 ng
RT: 8.74 min Scan# 928
Delta R.T. 0.15 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion:146 Resp: 65

Ion	Ratio	Lower	Upper
146	100		
148	0.0	51.4	77.2#
75	0.0	26.6	39.8#



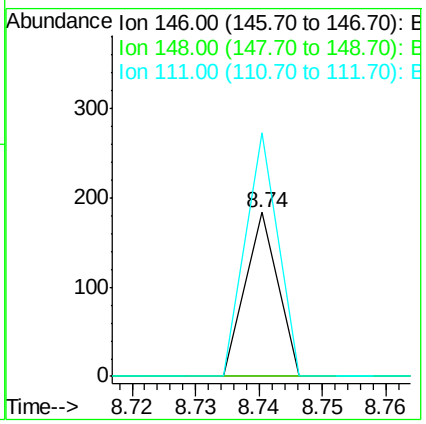


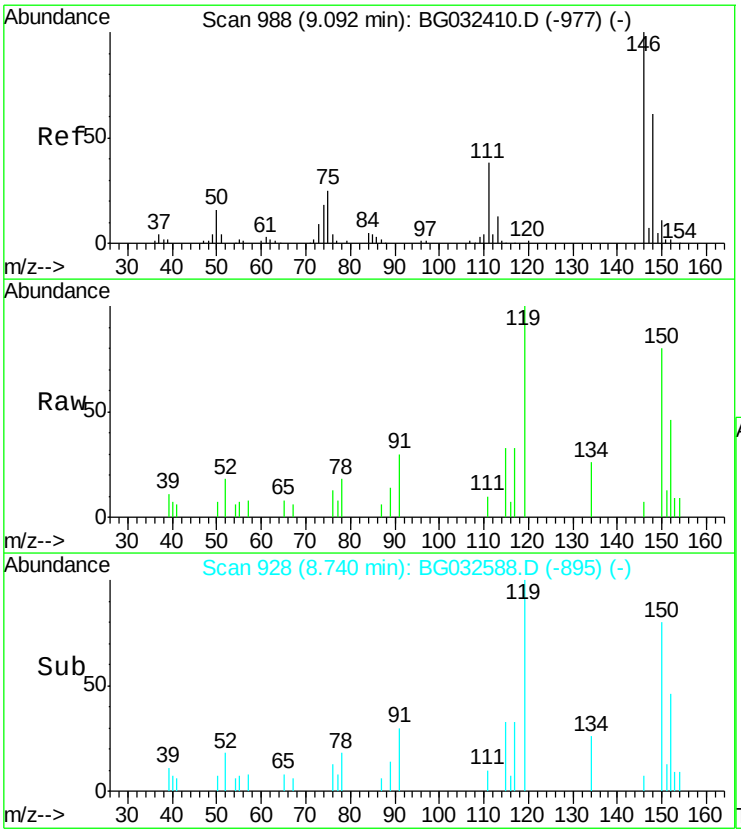
#13
1,4-Dichlorobenzene
Concen: 0.046 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:146 Resp: 65

Ion	Ratio	Lower	Upper
146	100		
148	0.0	53.7	80.5#
111	148.4	35.2	52.8#

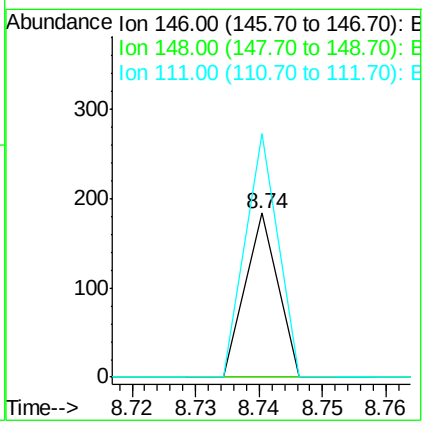


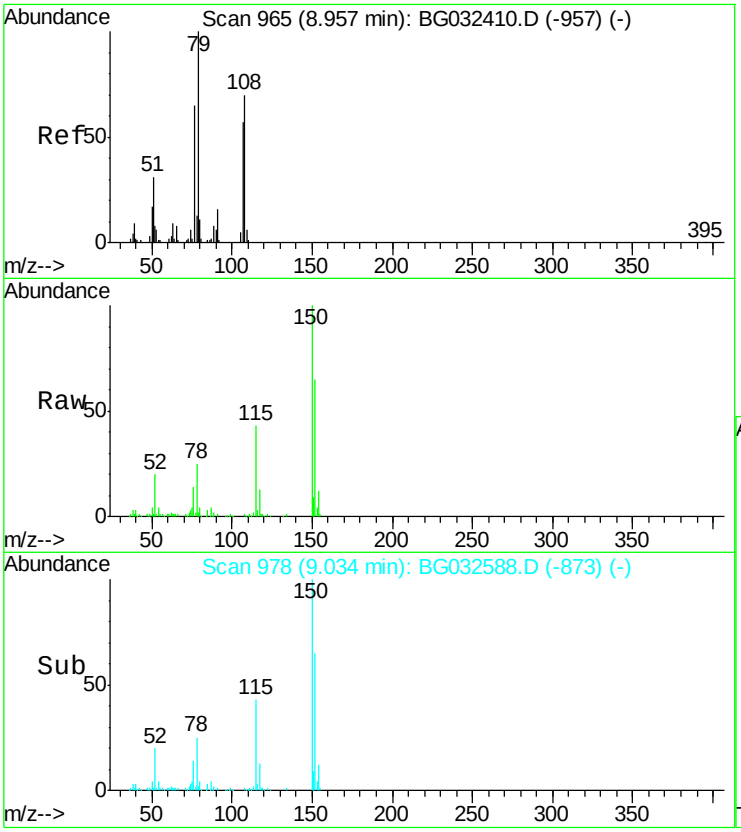


#14
1,2-Dichlorobenzene
Concen: 0.047 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.33 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion:146 Resp: 65

Ion	Ratio	Lower	Upper
146	100		
148	0.0	49.3	73.9#
111	148.4	34.3	51.5#



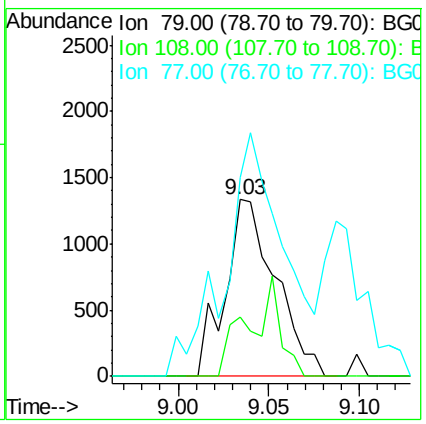


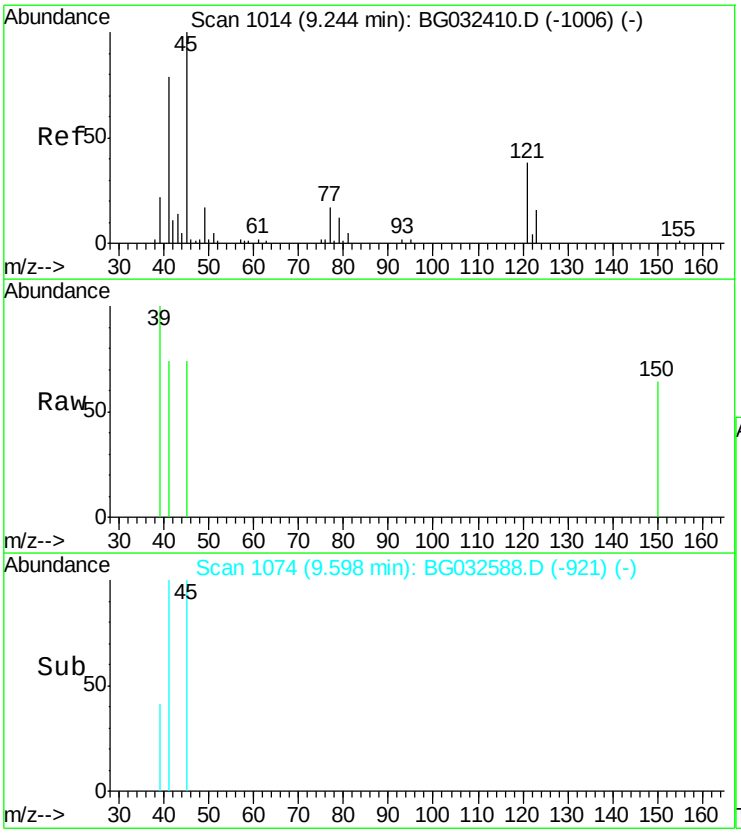
#15
Benzyl Alcohol
Concen: 2.671 ng
RT: 9.03 min Scan# 978
Delta R.T. 0.09 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 2599

Ion	Ratio	Lower	Upper
79	100		
108	33.6	57.2	85.8#
77	112.9	46.1	69.1#

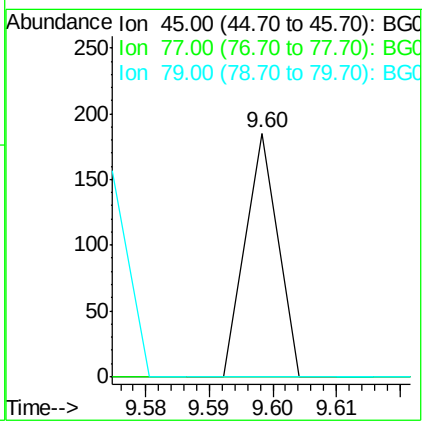


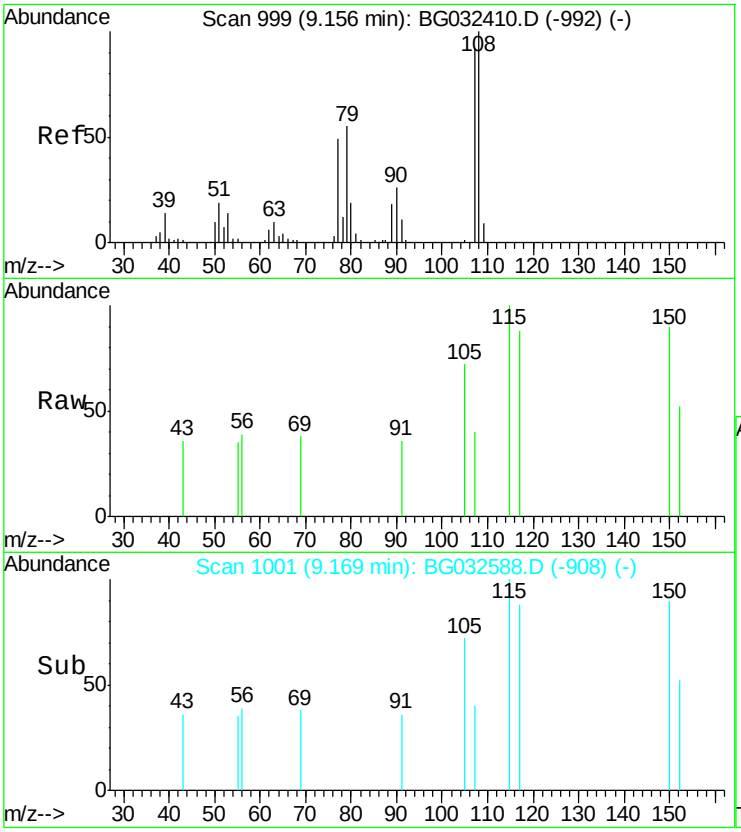


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.080 ng
RT: 9.60 min Scan# 1074
Delta R.T. 0.37 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion: 45 Resp: 65

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	30.2
79	0.0	0.0	27.9



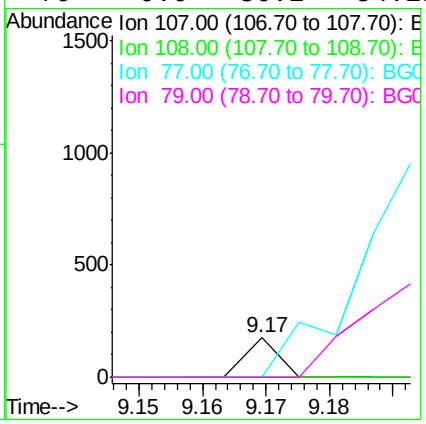


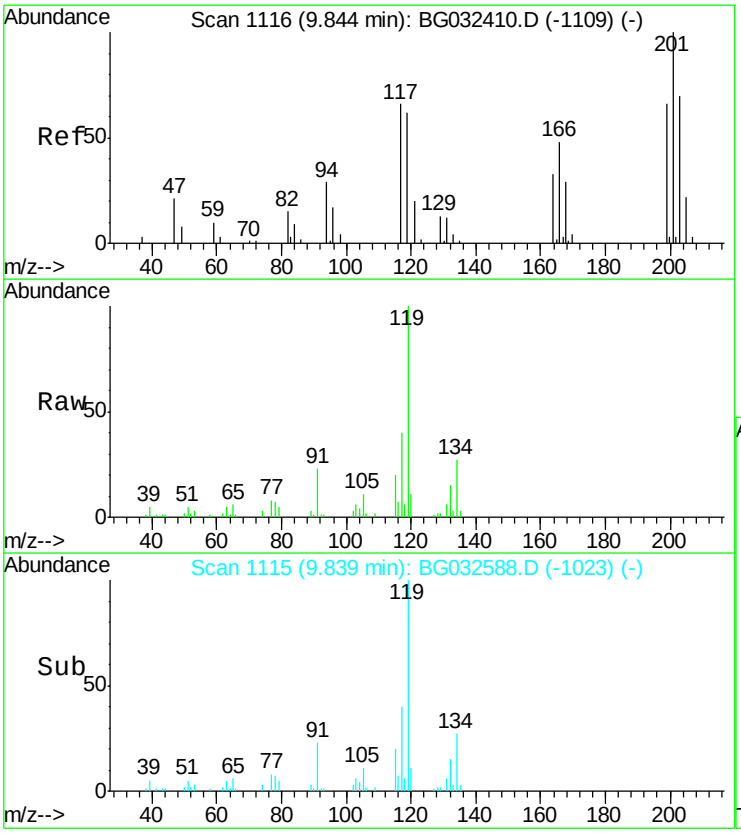
#17
2-Methylphenol
Concen: 0.068 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.02 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 62

Ion	Ratio	Lower	Upper
107	100		
108	0.0	83.9	125.9#
77	0.0	37.2	55.8#
79	0.0	36.2	54.2#

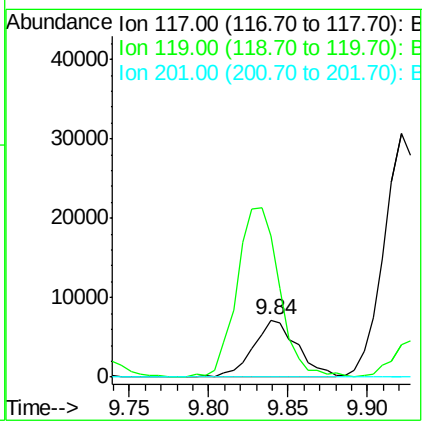


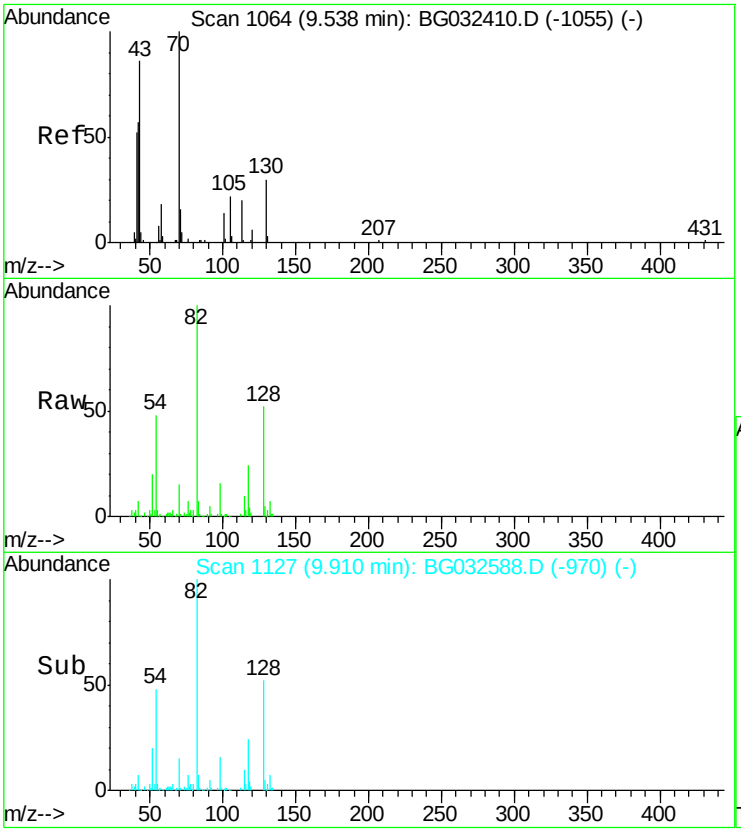


#18
Hexachloroethane
Concen: 29.161 ng
RT: 9.84 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion:117 Resp: 13881

Ion	Ratio	Lower	Upper
117	100		
119	247.4	76.7	115.1#
201	0.0	95.7	143.5#



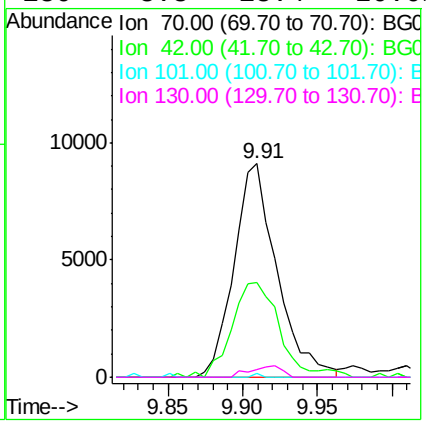


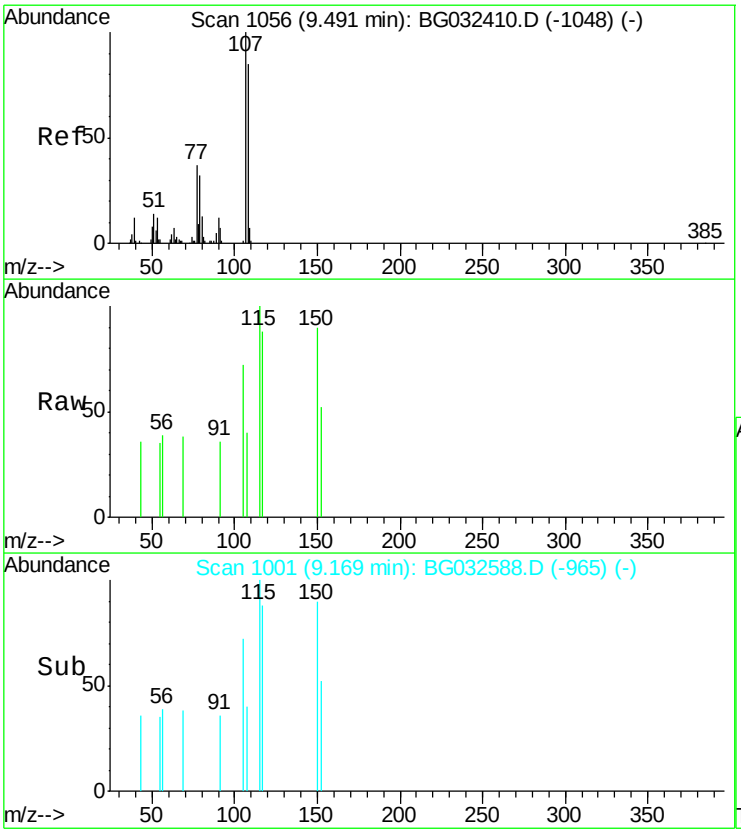
#19
n-Nitroso-di-n-propylamine
Concen: 23.143 ng
RT: 9.91 min Scan# 1127
Delta R.T. 0.39 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 18119

Ion	Ratio	Lower	Upper
70	100		
42	44.6	49.1	73.7#
101	2.0	8.5	12.7#
130	3.3	13.4	20.0#

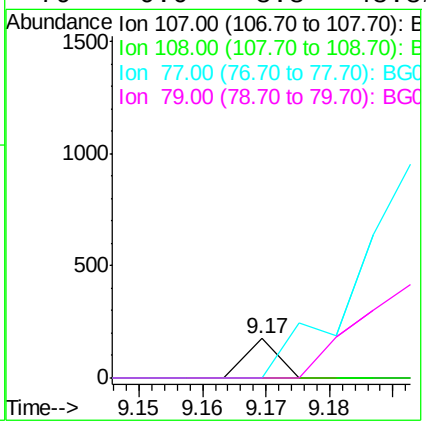


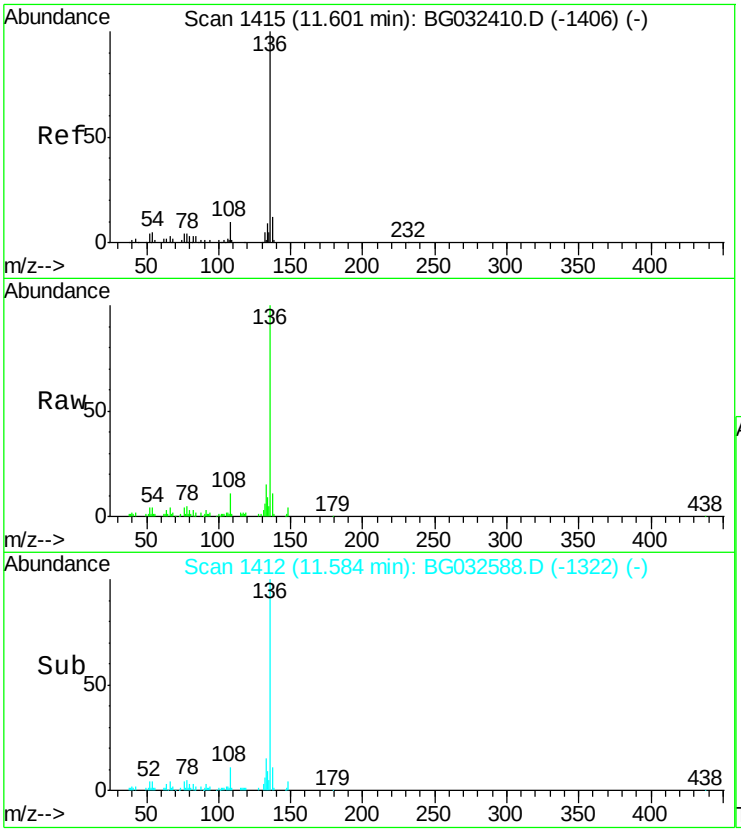


#20
3+4-Methylphenols
Concen: 0.049 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.32 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion:107 Resp: 62

Ion	Ratio	Lower	Upper
107	100		
108	0.0	61.6	101.6#
77	0.0	13.9	53.9#
79	0.0	8.8	48.8#



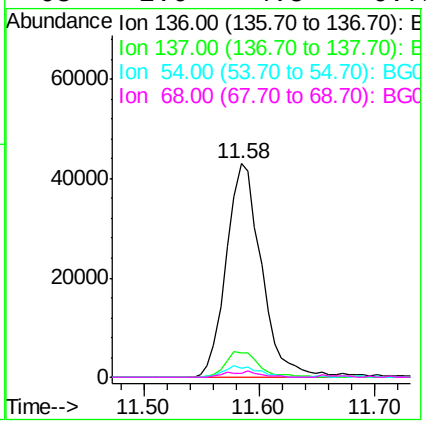


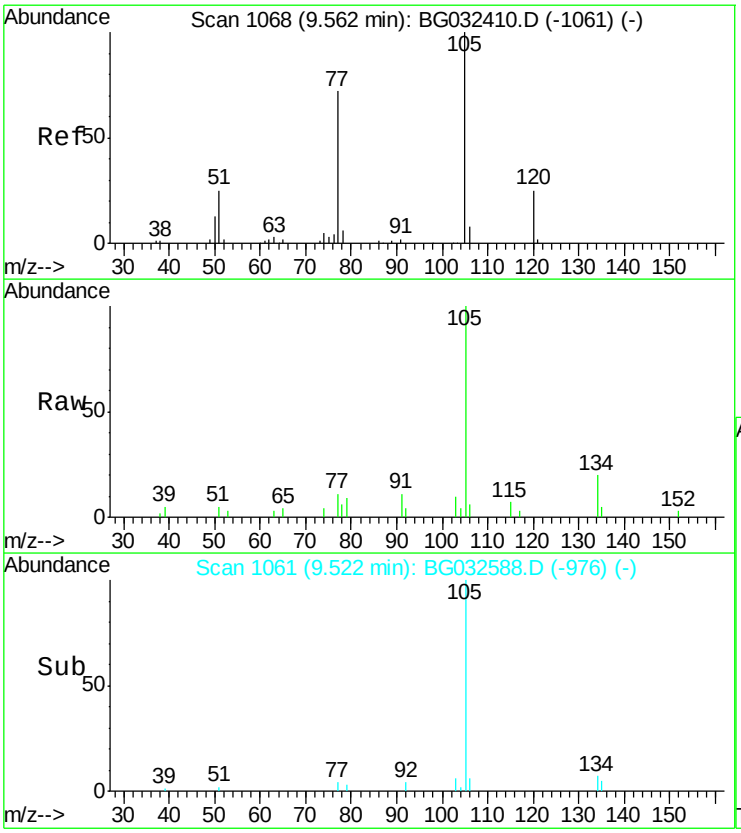
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.58 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 91032

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	4.3	10.3	15.5#
68	2.0	4.5	6.7#

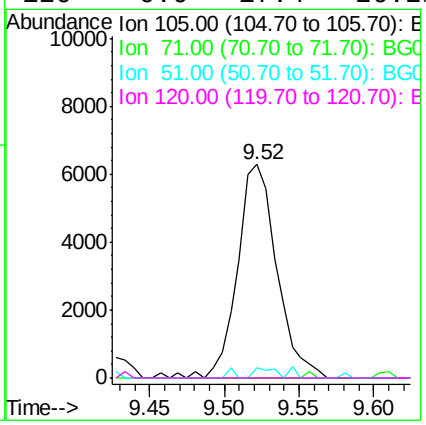


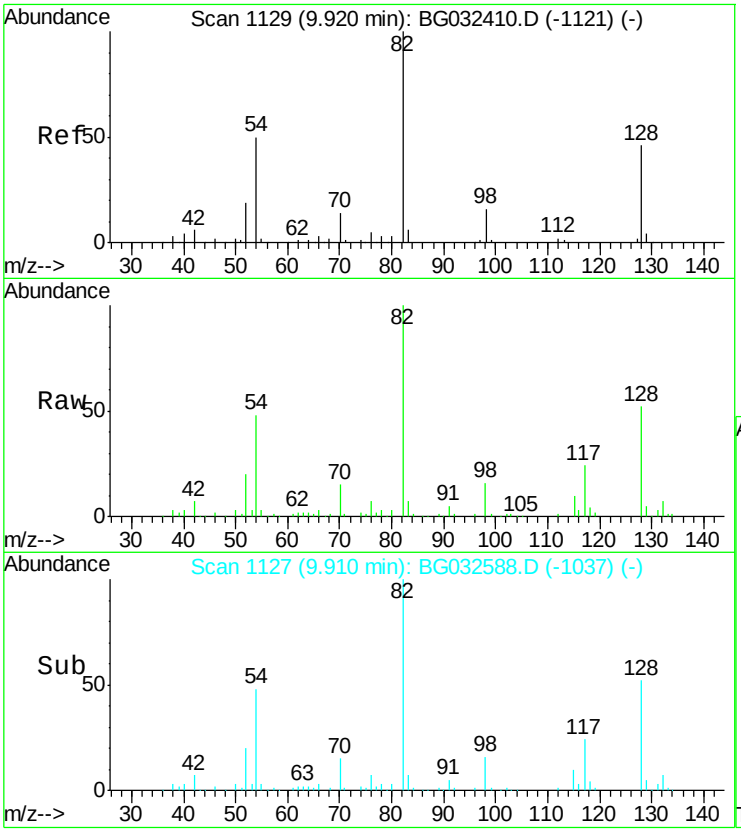


#22
Acetophenone
Concen: 5.326 ng
RT: 9.52 min Scan# 1061
Delta R.T. -0.03 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion:105 Resp: 11366

Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.0	4.4#
51	4.8	26.1	39.1#
120	0.0	17.4	26.2#



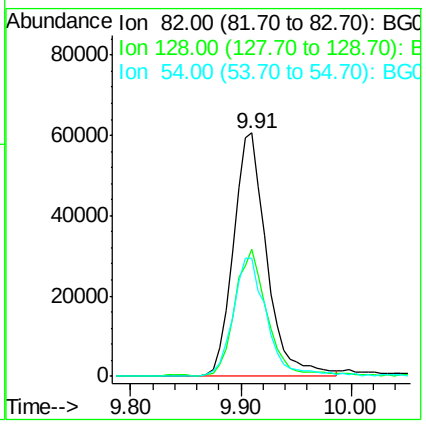


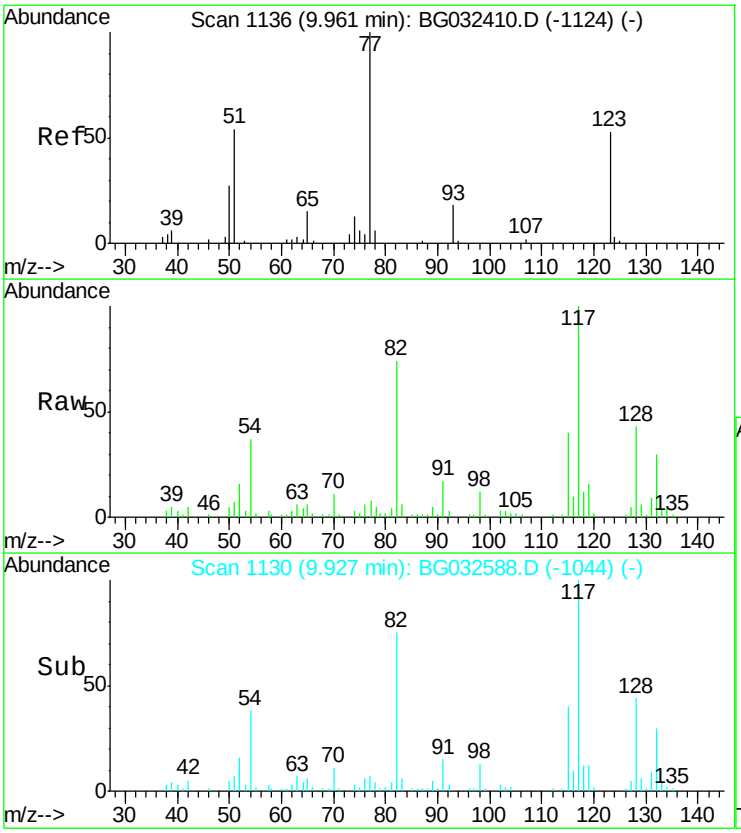
#23
Nitrobenzene-d5
Concen: 88.401 ng
RT: 9.91 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 128838

Ion	Ratio	Lower	Upper
82	100		
128	52.4	29.7	44.5#
54	48.4	43.1	64.7

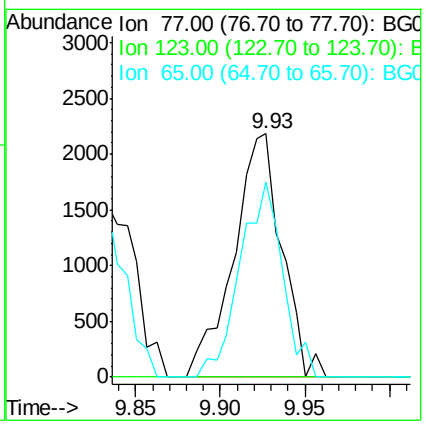


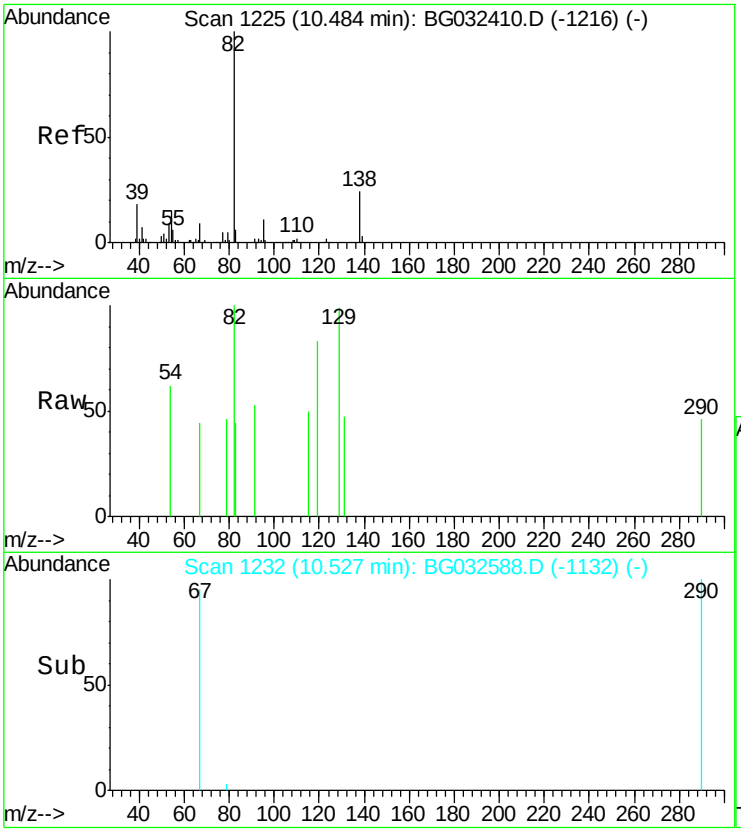


#24
Nitrobenzene
Concen: 3.072 ng
RT: 9.93 min Scan# 1130
Delta R.T. -0.02 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion: 77 Resp: 4330

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	79.9	13.0	19.6#



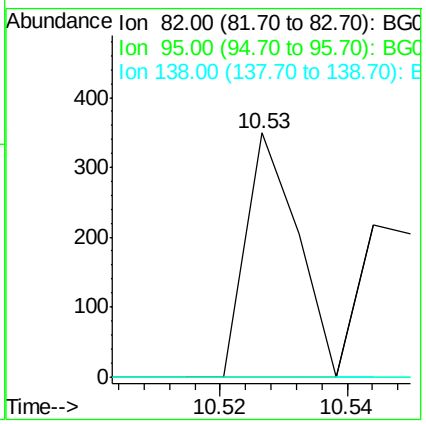


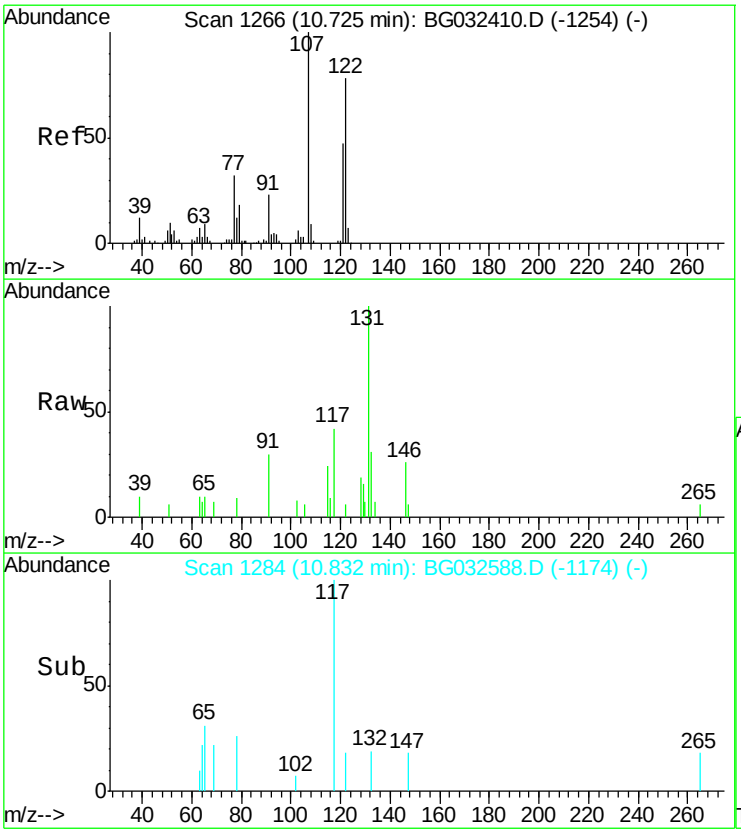
#25
Isophorone
Concen: 0.079 ng
RT: 10.53 min Scan# 1232
Delta R.T. 0.06 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 195

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.2	9.2#
138	0.0	12.1	18.1#

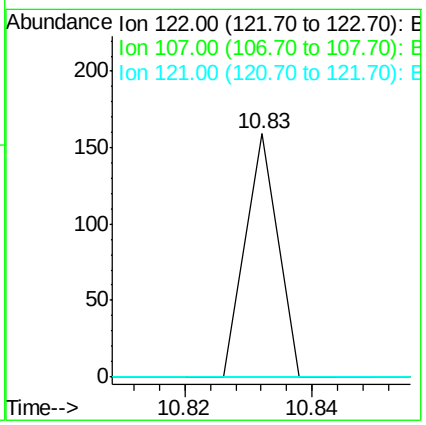


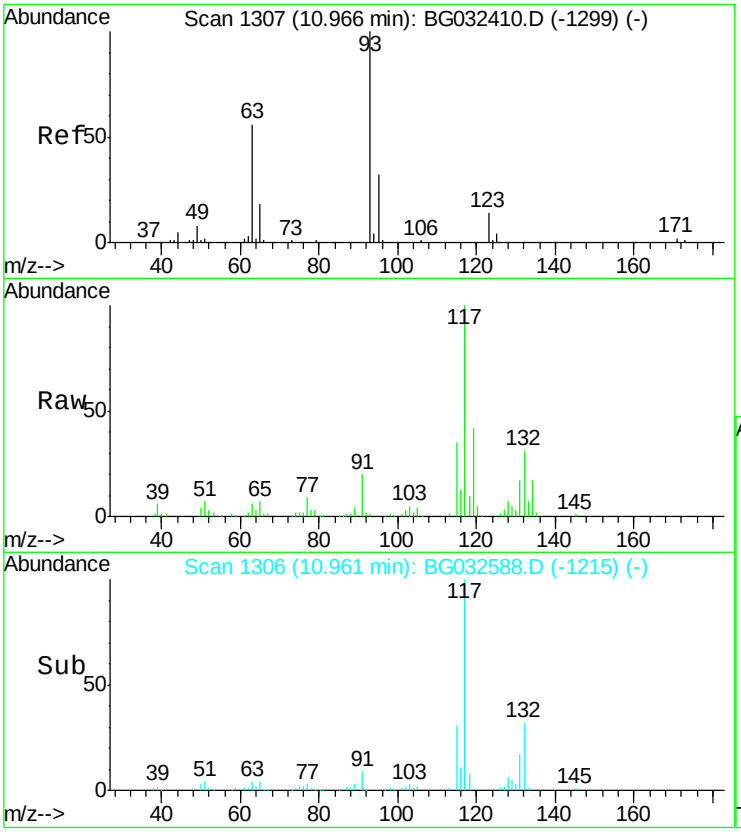


#27
2,4-Dimethylphenol
Concen: 0.046 ng
RT: 10.83 min Scan# 1284
Delta R.T. 0.12 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion:122 Resp: 56

Ion	Ratio	Lower	Upper
122	100		
107	0.0	100.2	150.2#
121	0.0	44.4	66.6#



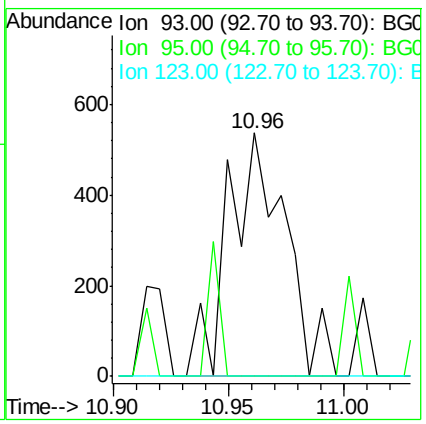


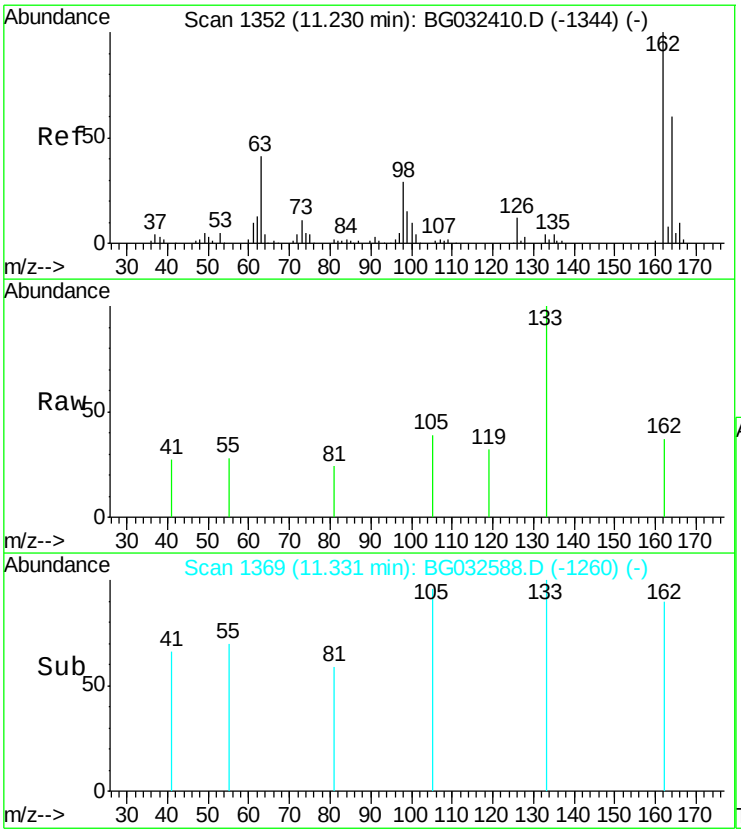
#28
bis(2-Chloroethoxy)methane
Concen: 0.683 ng
RT: 10.96 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 929

Ion	Ratio	Lower	Upper
93	100		
95	0.0	24.3	36.5#
123	0.0	8.4	12.6#

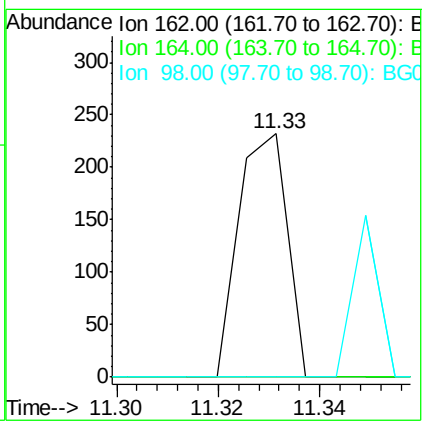


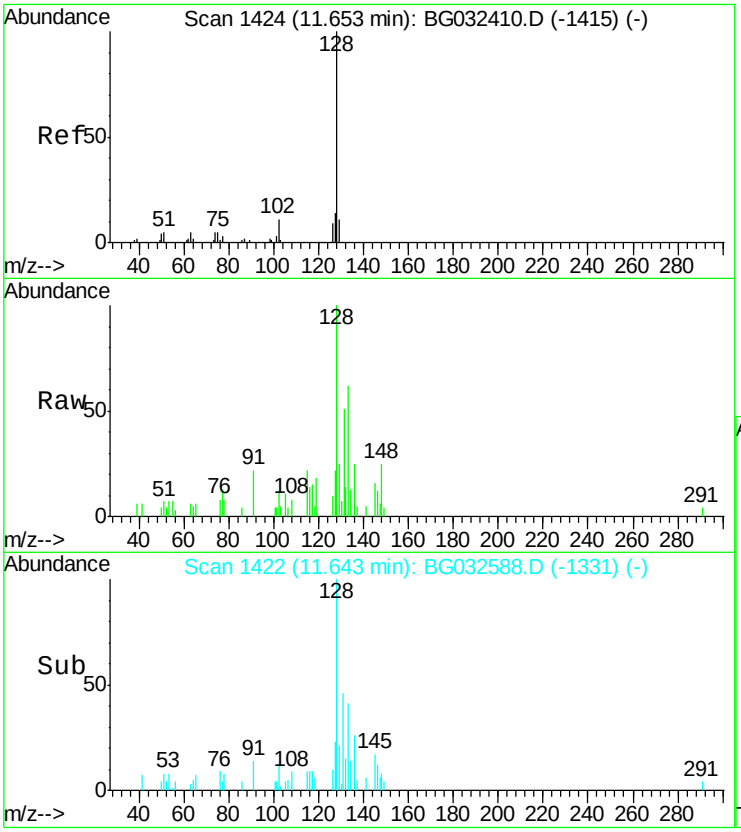


#29
2,4-Dichlorophenol
Concen: 0.096 ng
RT: 11.33 min Scan# 1369
Delta R.T. 0.11 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion:162 Resp: 155

Ion	Ratio	Lower	Upper
162	100		
164	0.0	48.0	88.0#
98	0.0	21.1	61.1#



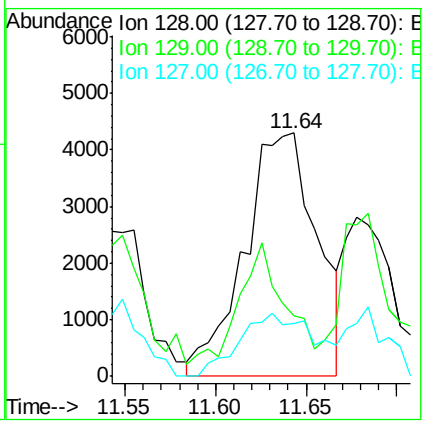


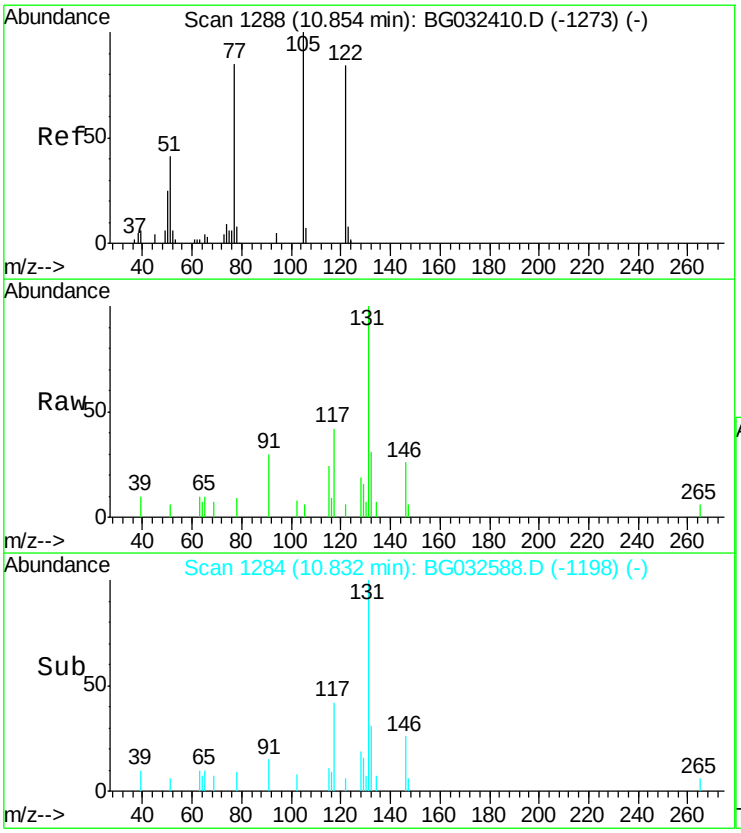
#31
Naphthalene
Concen: 2.682 ng
RT: 11.64 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 11924

Ion	Ratio	Lower	Upper
128	100		
129	24.7	8.6	12.8#
127	21.8	11.6	17.4#

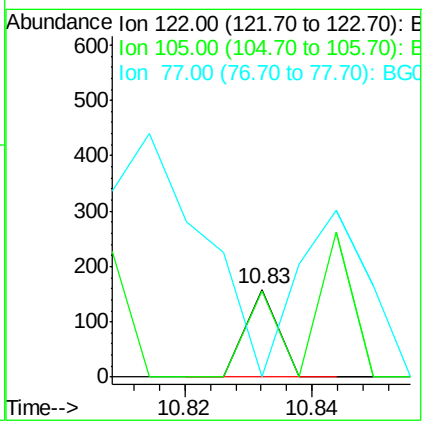


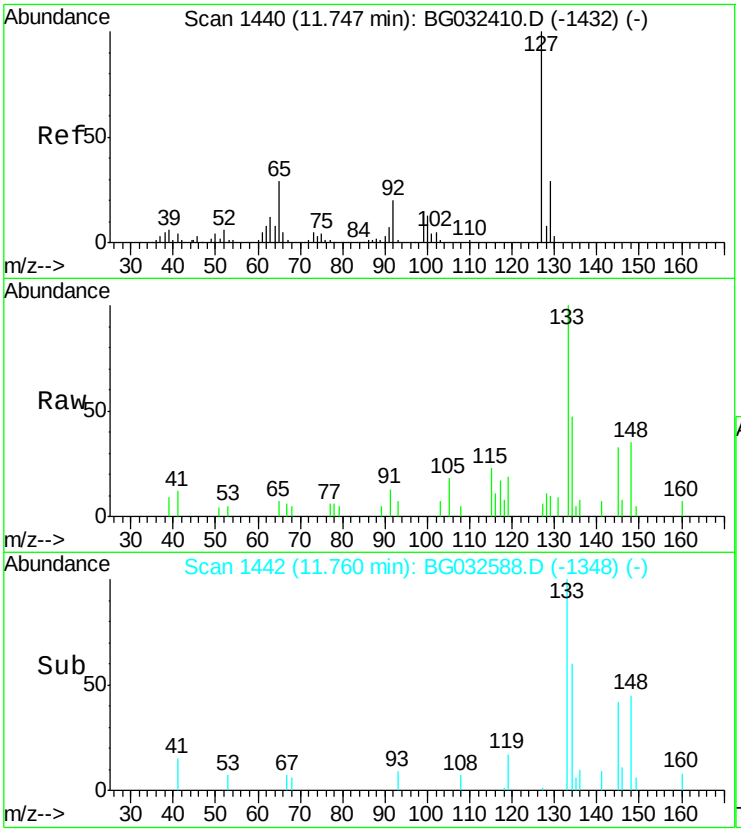


#32
Benzoic acid
Concen: 7.335 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion:122 Resp: 56

Ion	Ratio	Lower	Upper
122	100		
105	98.7	123.5	163.5#
77	0.0	85.7	125.7#



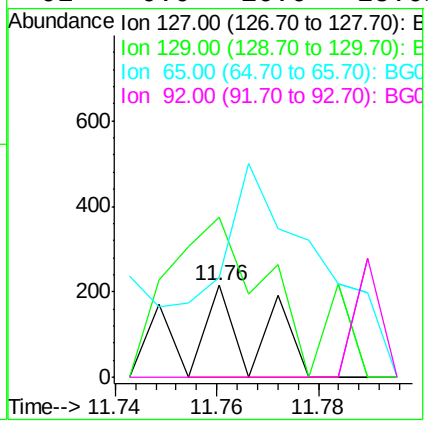


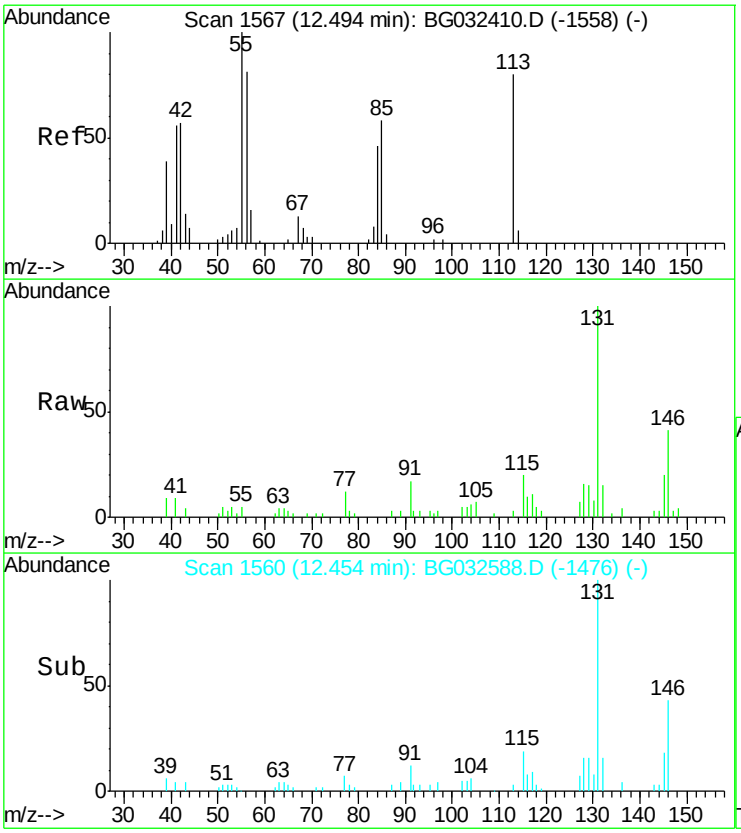
#33
4-Chloroaniline
Concen: 0.072 ng
RT: 11.76 min Scan# 1442
Delta R.T. 0.02 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:127 Resp: 143

Ion	Ratio	Lower	Upper
127	100		
129	174.9	24.0	36.0#
65	109.3	27.0	40.4#
92	0.0	16.6	25.0#

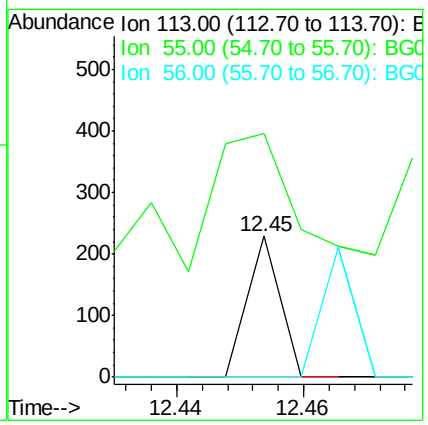


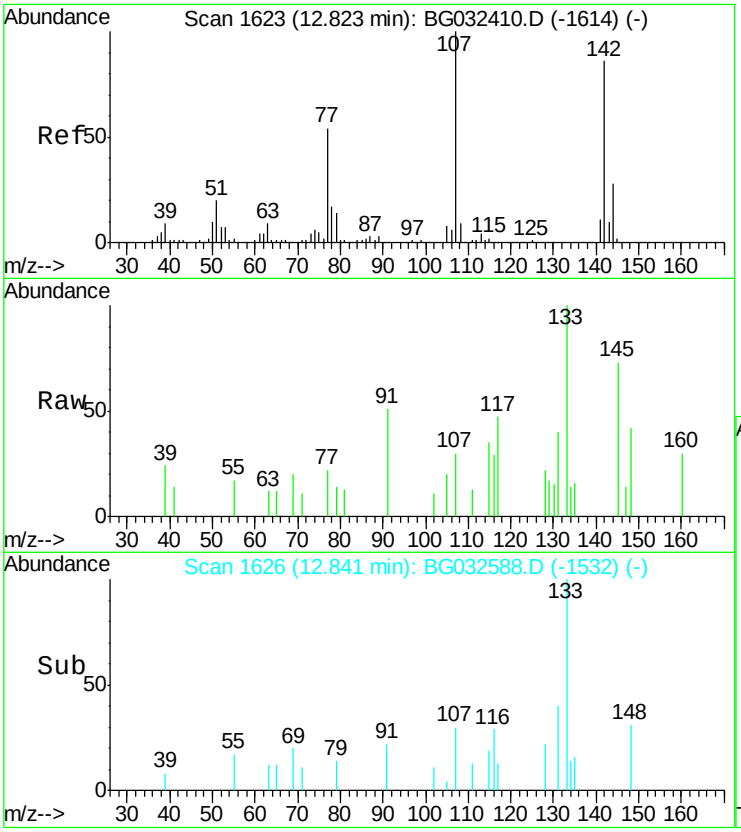


#35
Caprolactam
Concen: 0.174 ng
RT: 12.45 min Scan# 1560
Delta R.T. -0.03 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion:113 Resp: 81

Ion	Ratio	Lower	Upper
113	100		
55	172.9	186.9	226.9#
56	0.0	130.9	170.9#



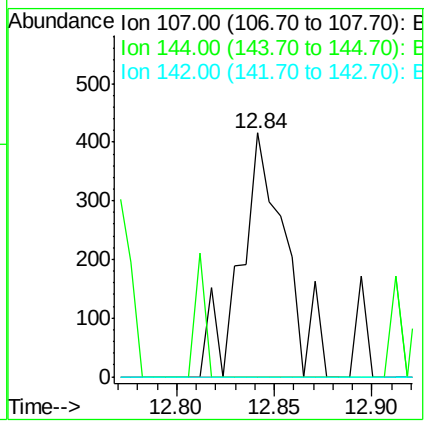


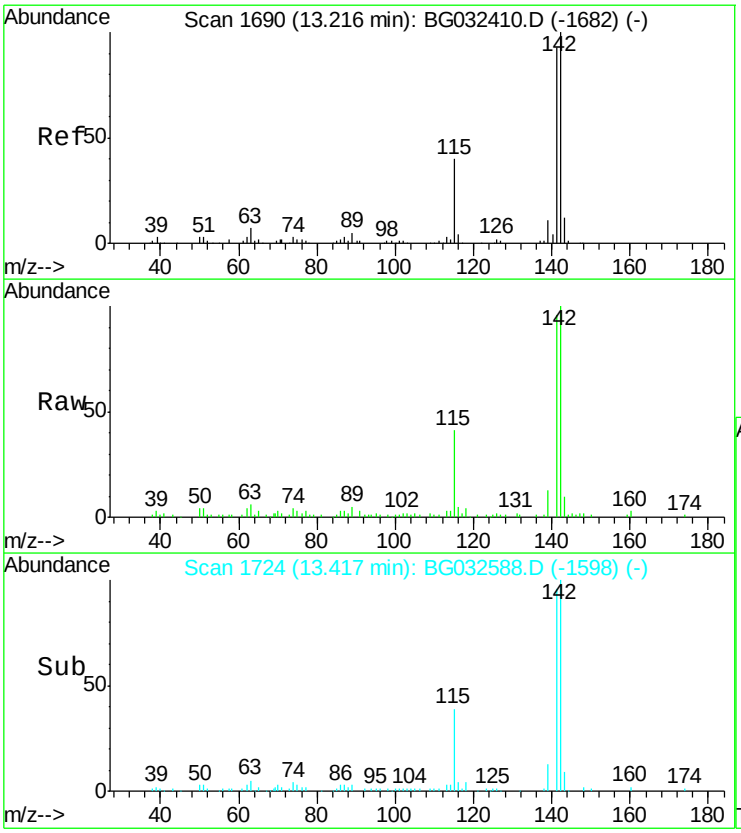
#36
4-Chloro-3-methylphenol
Concen: 0.433 ng
RT: 12.84 min Scan# 1626
Delta R.T. 0.02 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 666

Ion	Ratio	Lower	Upper
107	100		
144	0.0	18.2	27.4#
142	0.0	59.0	88.4#

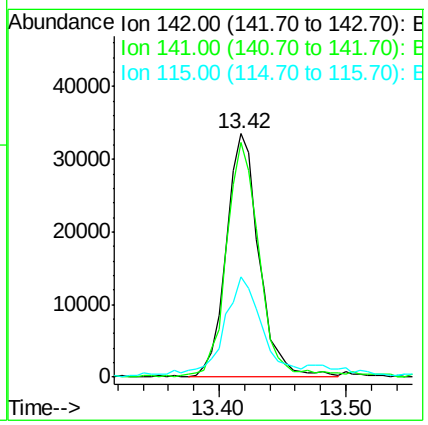


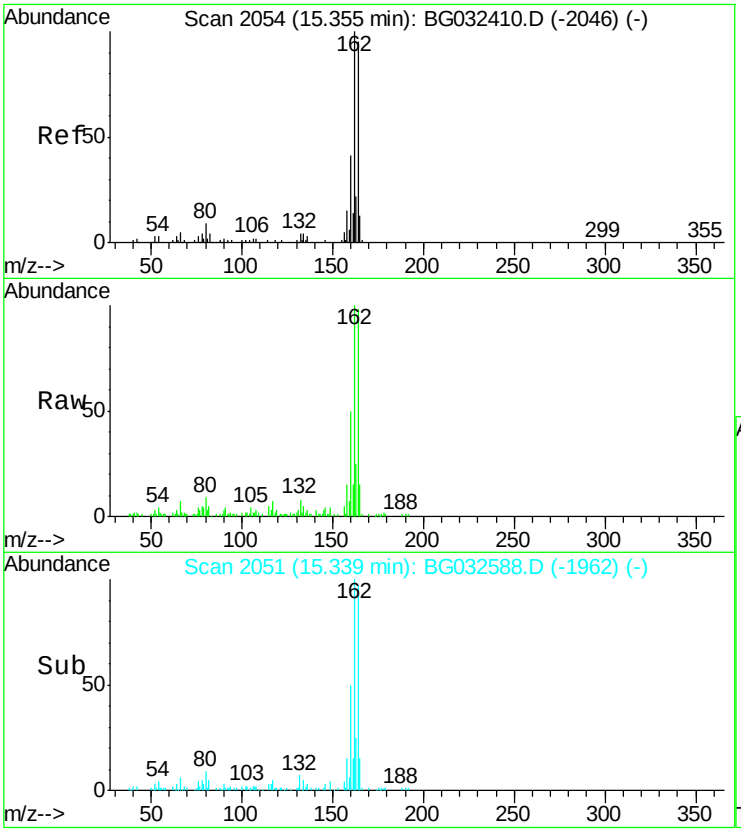


#37
2-Methylnaphthalene
Concen: 16.002 ng
RT: 13.42 min Scan# 1724
Delta R.T. 0.21 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion:142 Resp: 59771

Ion	Ratio	Lower	Upper
142	100		
141	96.1	67.1	100.7
115	41.3	30.7	46.1



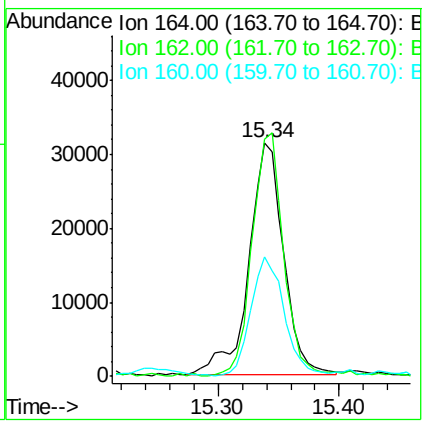


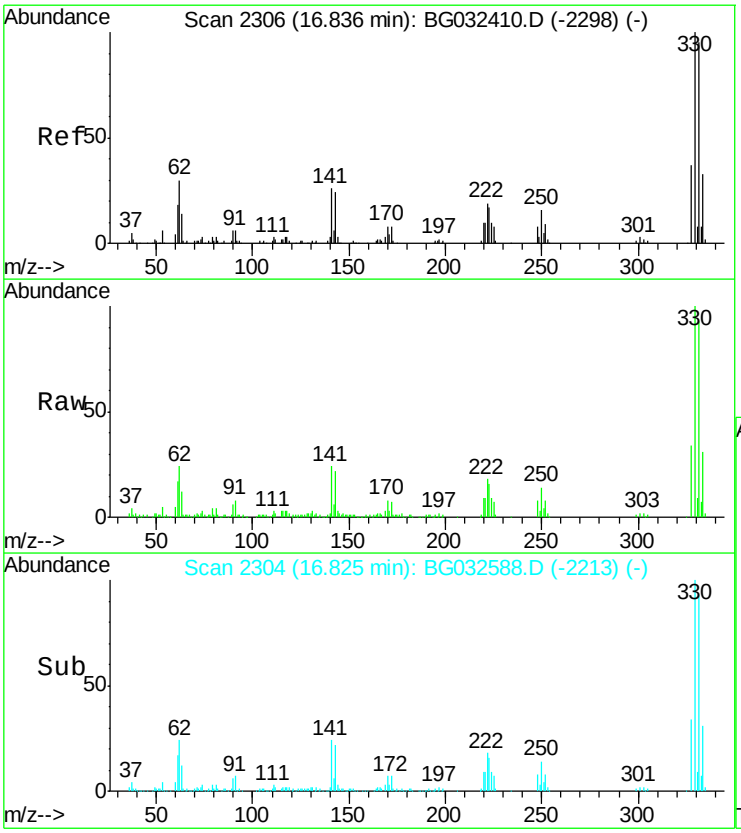
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 63166

Ion	Ratio	Lower	Upper
164	100		
162	101.6	78.8	118.2
160	51.0	35.4	53.0

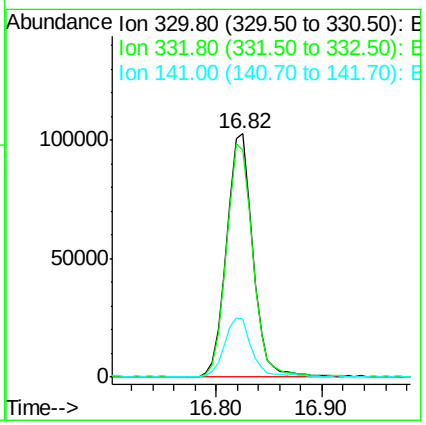


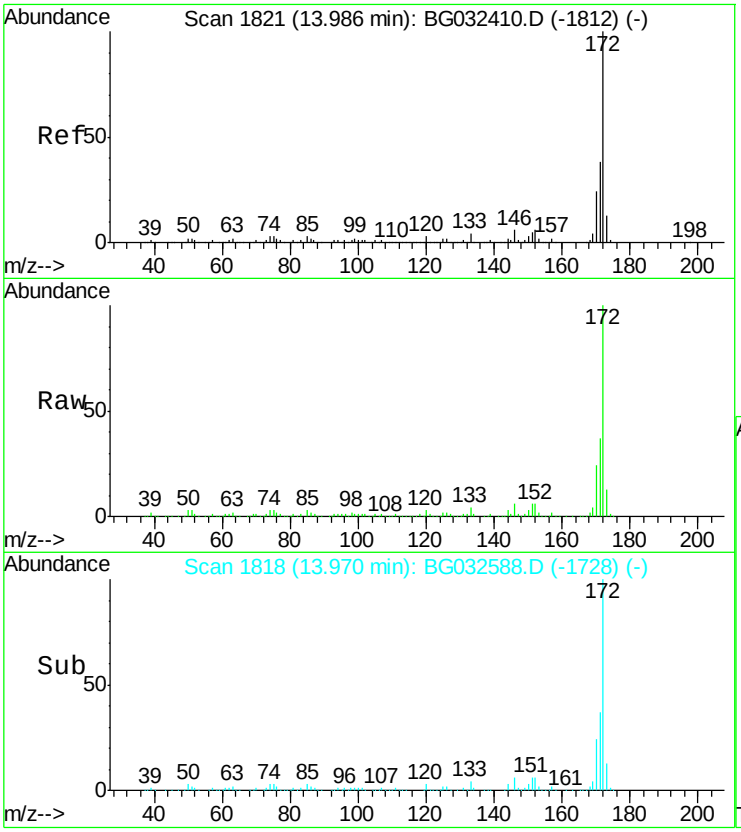


#41
2,4,6-Tribromophenol
Concen: 146.587 ng
RT: 16.82 min Scan# 2304
Delta R.T. 0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion:330 Resp: 176251

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	24.2	25.2	37.8#



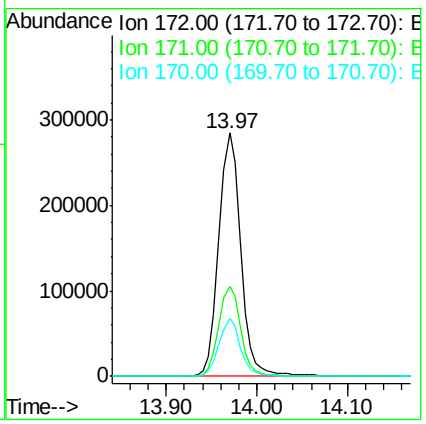


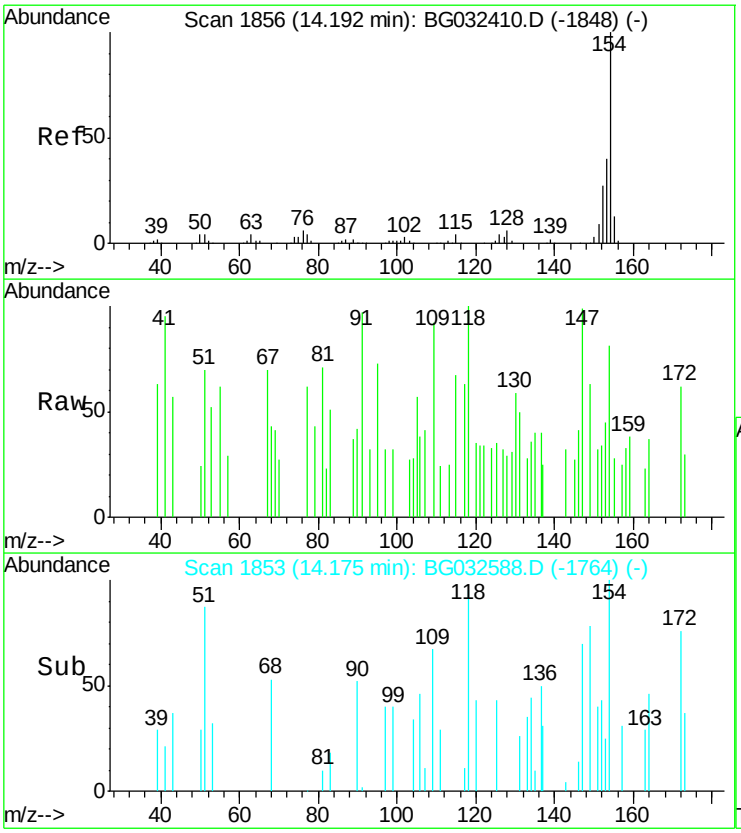
#44
2-Fluorobiphenyl
Concen: 90.375 ng
RT: 13.97 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 480295

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	23.8	19.5	29.3

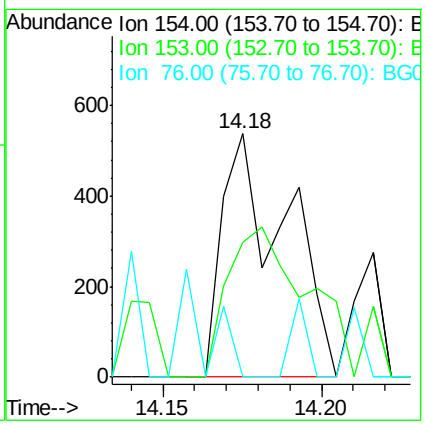


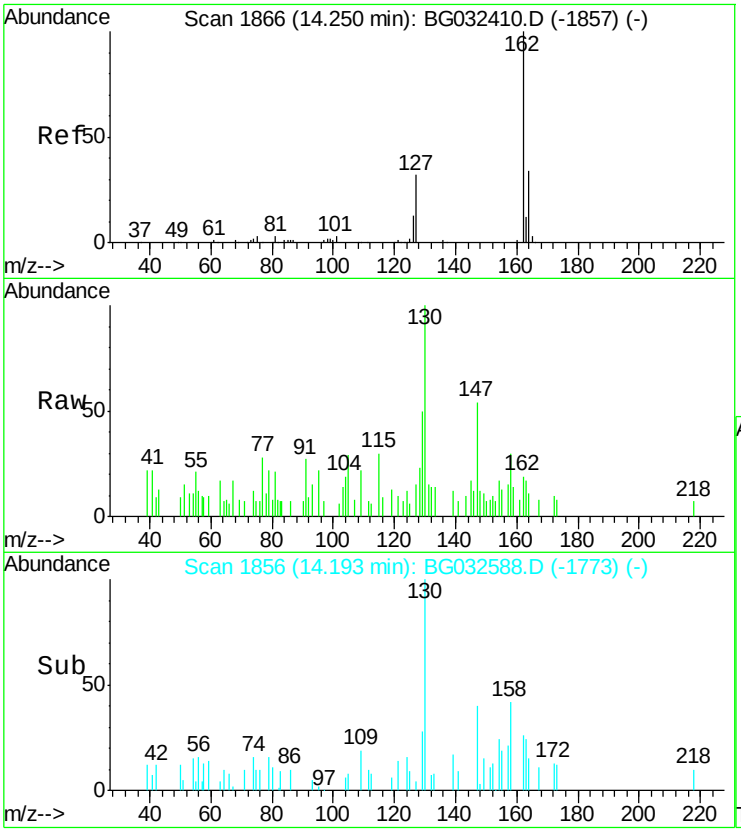


#45
1,1'-Biphenyl
Concen: 0.139 ng
RT: 14.18 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion:154 Resp: 743

Ion	Ratio	Lower	Upper
154	100		
153	55.6	19.8	59.8
76	0.0	0.0	31.9



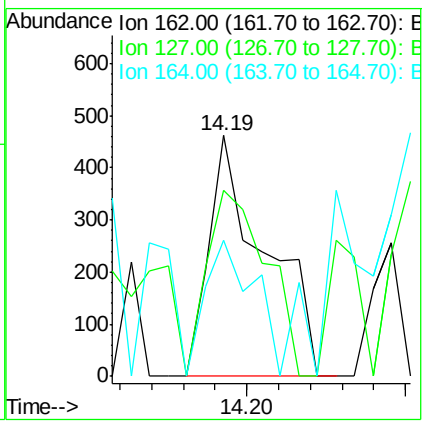


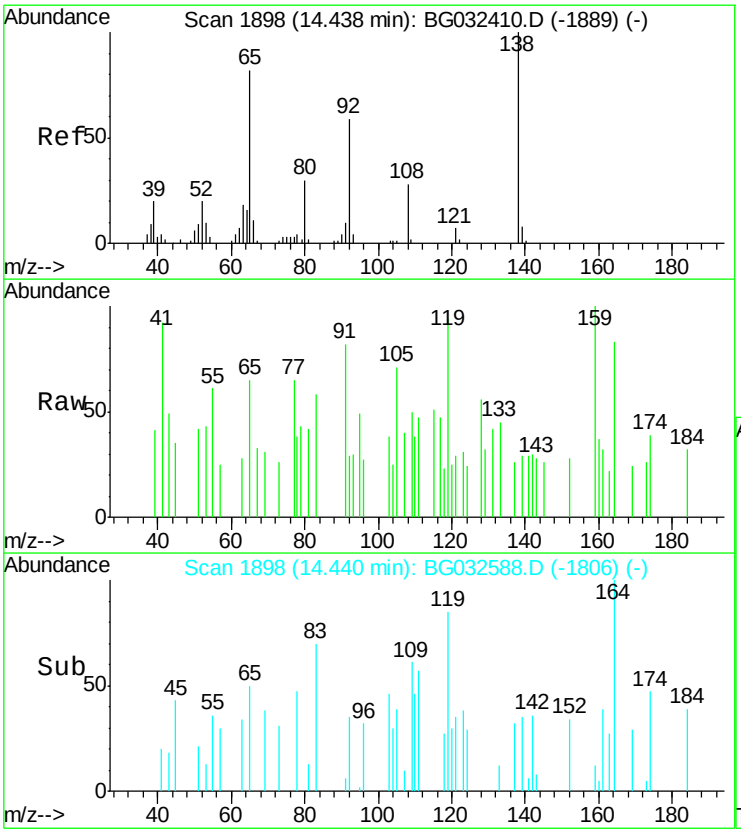
#46
2-Chloronaphthalene
Concen: 0.136 ng
RT: 14.19 min Scan# 1856
Delta R.T. -0.04 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:162 Resp: 569

Ion	Ratio	Lower	Upper
162	100		
127	77.1	30.7	46.1#
164	56.3	26.0	39.0#

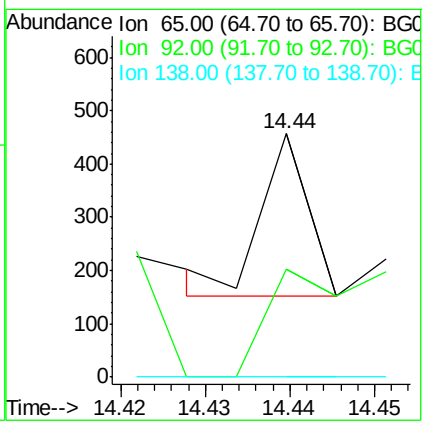


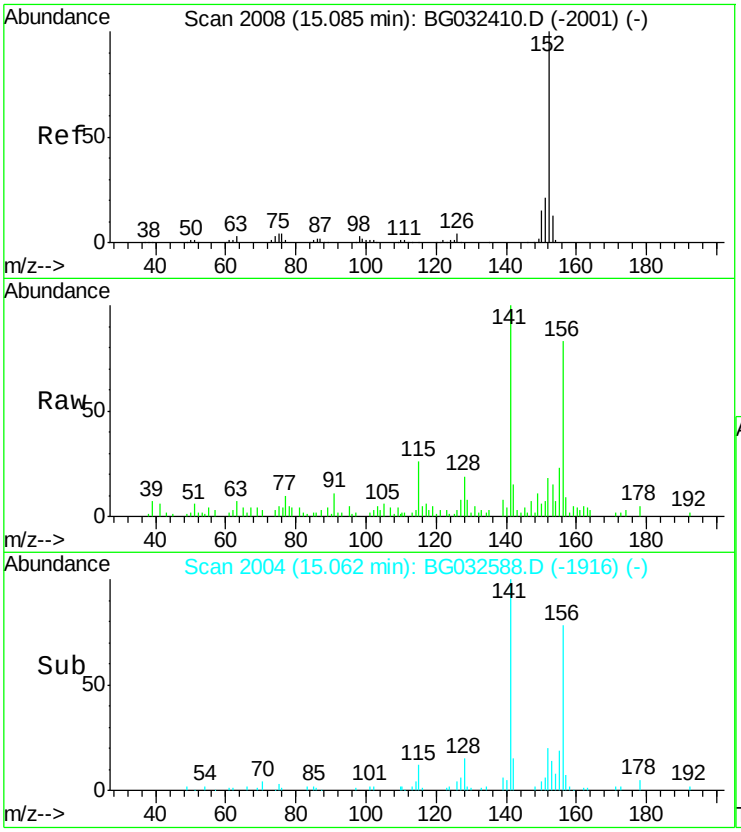


#47
2-Nitroaniline
Concen: 0.122 ng
RT: 14.44 min Scan# 1898
Delta R.T. 0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion: 65 Resp: 113

Ion	Ratio	Lower	Upper
65	100		
92	44.2	54.6	82.0#
138	0.0	72.9	109.3#



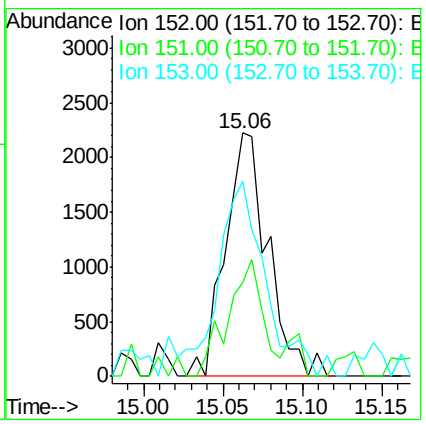


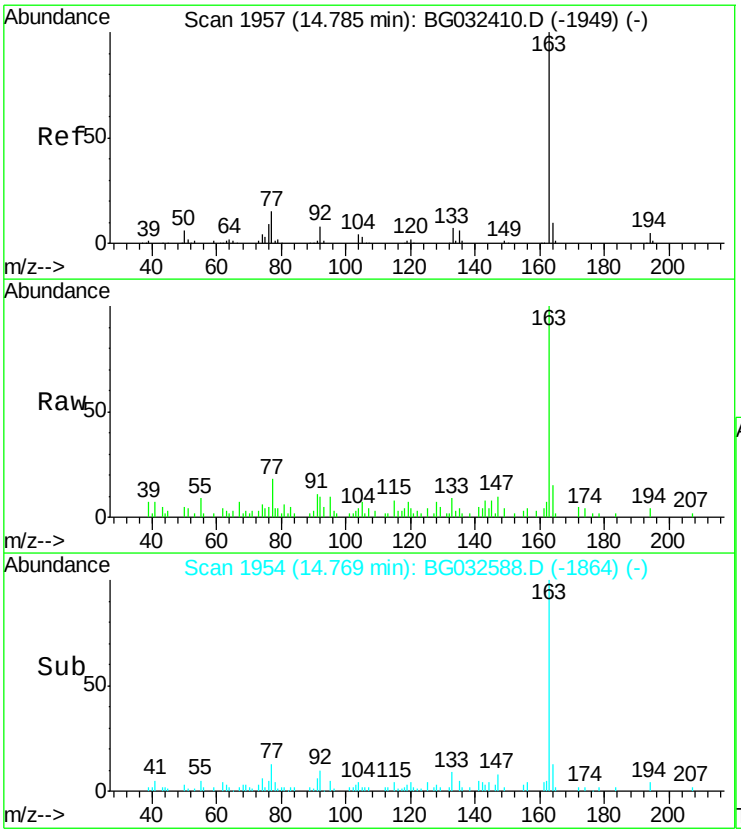
#48
Acenaphthylene
Concen: 0.654 ng
RT: 15.06 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 4138

Ion	Ratio	Lower	Upper
152	100		
151	38.4	17.2	25.8#
153	80.3	10.2	15.4#

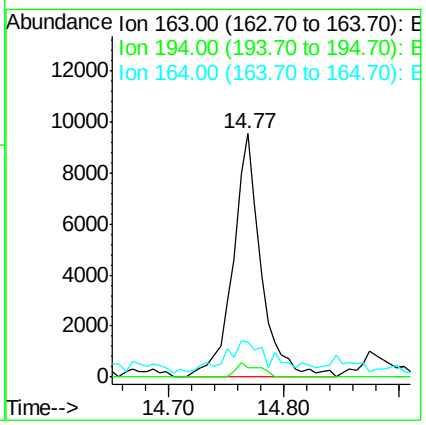


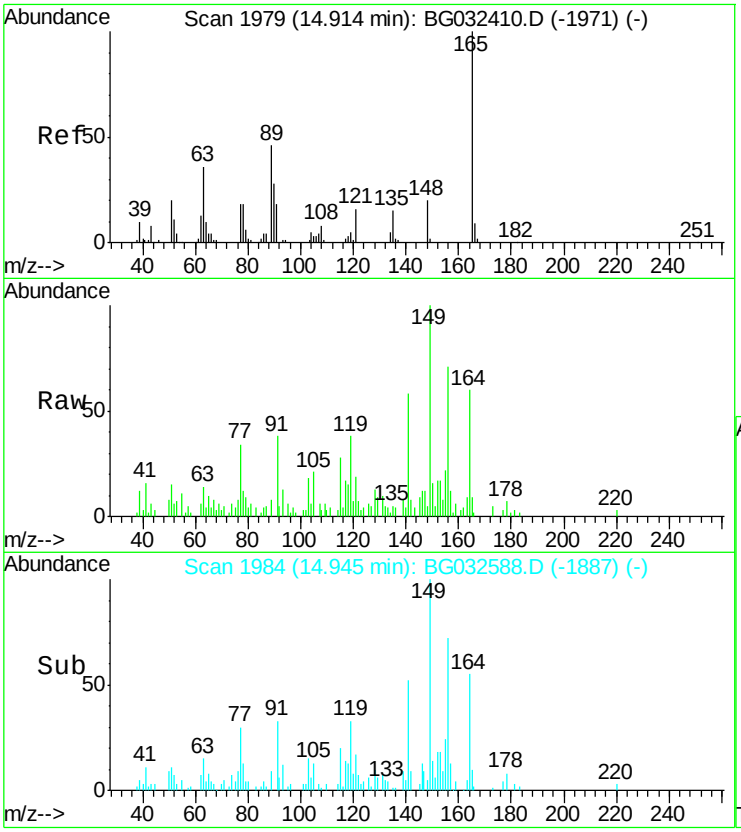


#49
Dimethylphthalate
Concen: 2.750 ng
RT: 14.77 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion:163 Resp: 16018

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.4	5.2
164	14.6	8.2	12.4#



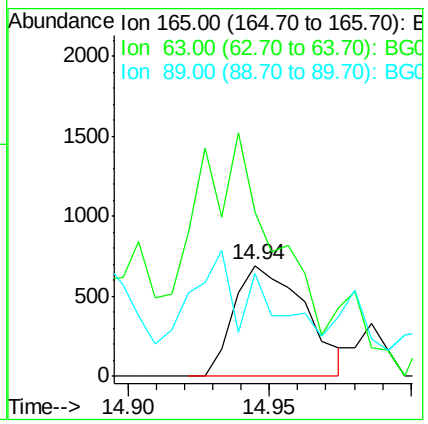


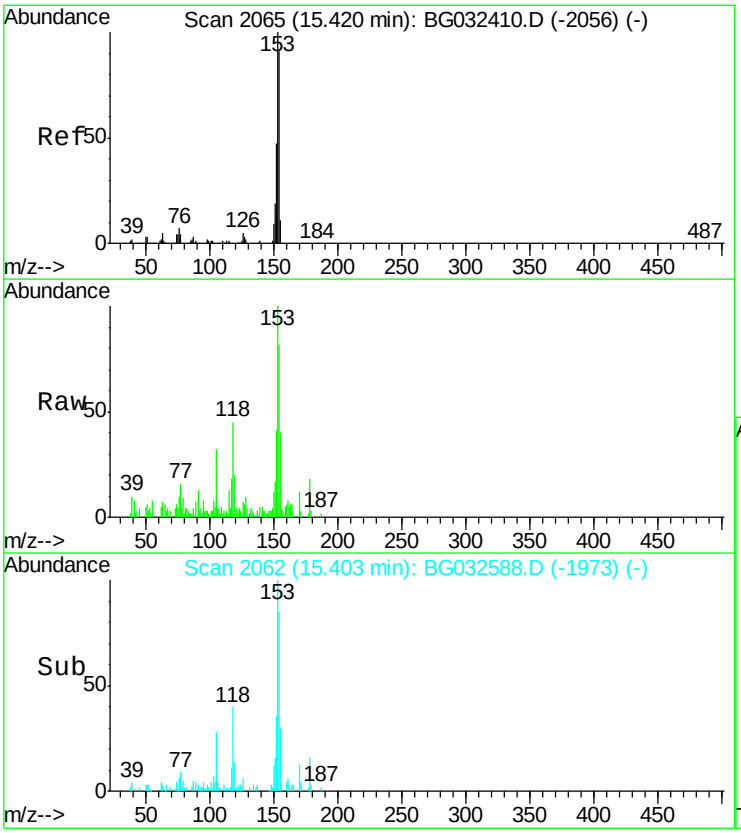
#50
2,6-Dinitrotoluene
Concen: 0.982 ng
RT: 14.94 min Scan# 1984
Delta R.T. 0.04 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 1200

Ion	Ratio	Lower	Upper
165	100		
63	147.8	52.7	79.1#
89	92.5	49.2	73.8#

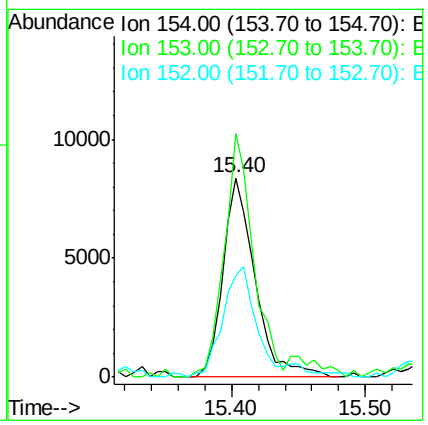


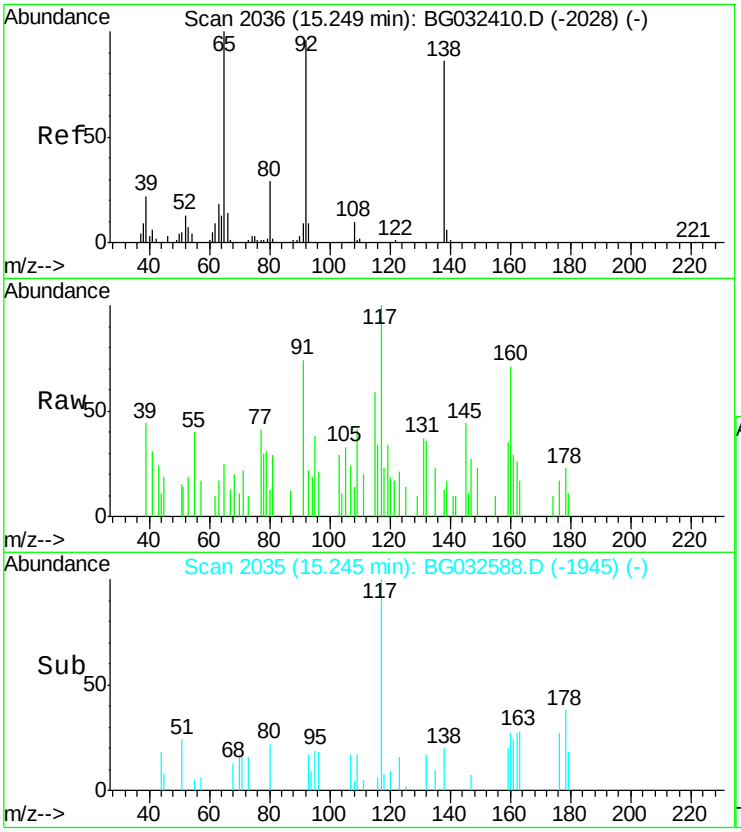


#51
Acenaphthene
Concen: 3.218 ng
RT: 15.40 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion:154 Resp: 14114

Ion	Ratio	Lower	Upper
154	100		
153	122.3	90.4	135.6
152	50.7	41.6	62.4



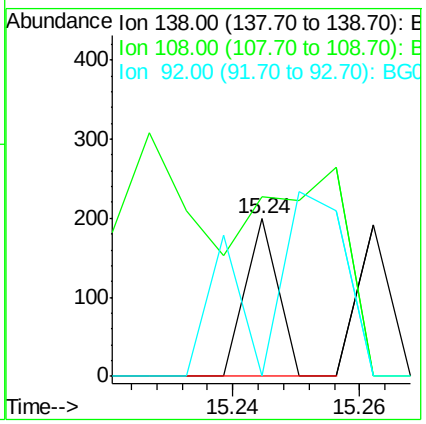


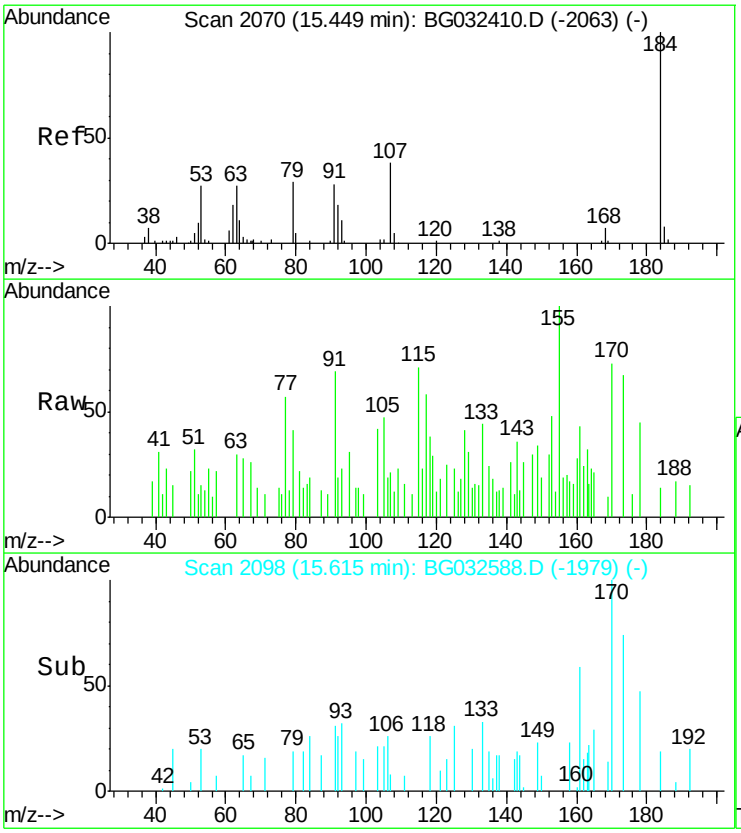
#52
3-Nitroaniline
Concen: 0.066 ng
RT: 15.24 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:138 Resp: 70

Ion	Ratio	Lower	Upper
138	100		
108	114.1	17.5	26.3#
92	0.0	105.8	158.8#

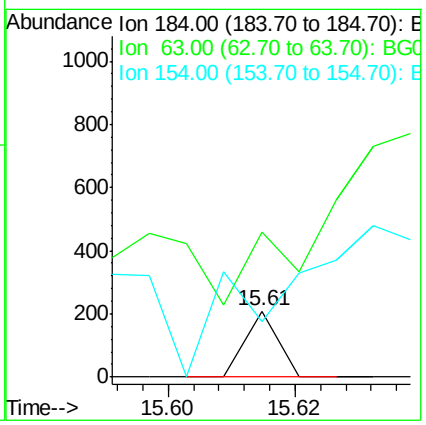


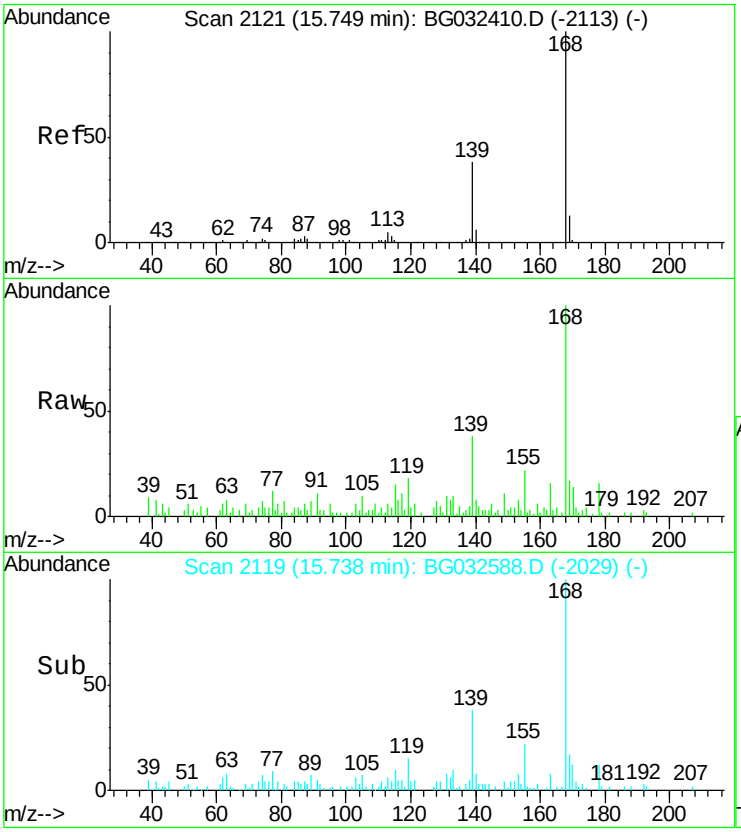


#53
2,4-Dinitrophenol
Concen: 4.195 ng
RT: 15.61 min Scan# 2098
Delta R.T. 0.17 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion:184 Resp: 73

Ion	Ratio	Lower	Upper
184	100		
63	220.2	59.8	89.8#
154	84.1	101.8	152.8#



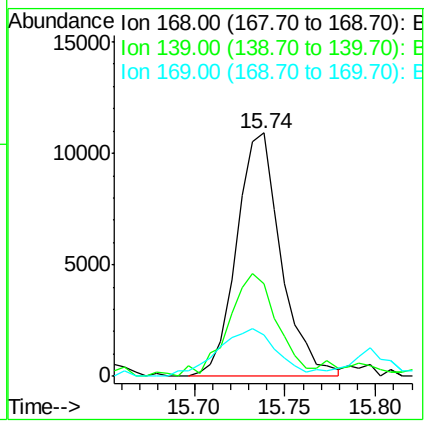


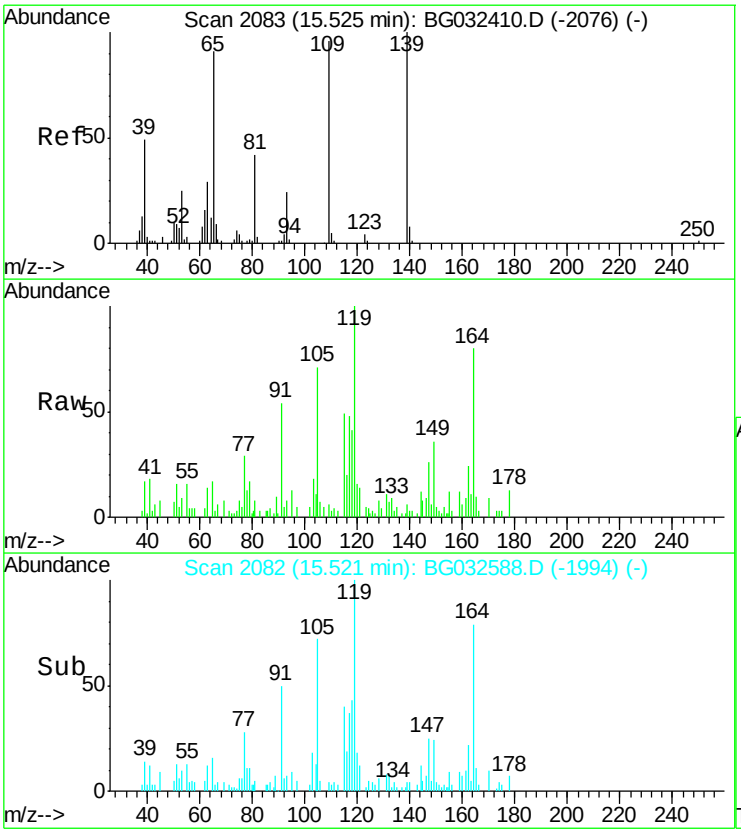
#54
Dibenzofuran
Concen: 2.880 ng
RT: 15.74 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 18693

Ion	Ratio	Lower	Upper
168	100		
139	38.1	28.6	43.0
169	17.1	11.2	16.8#

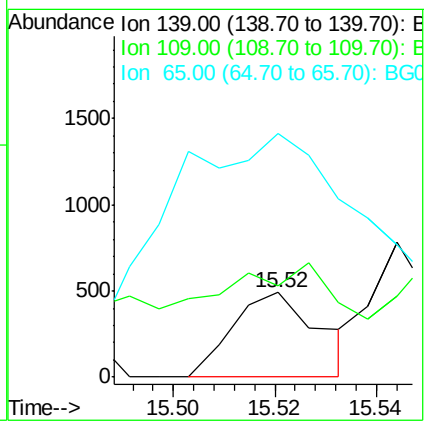


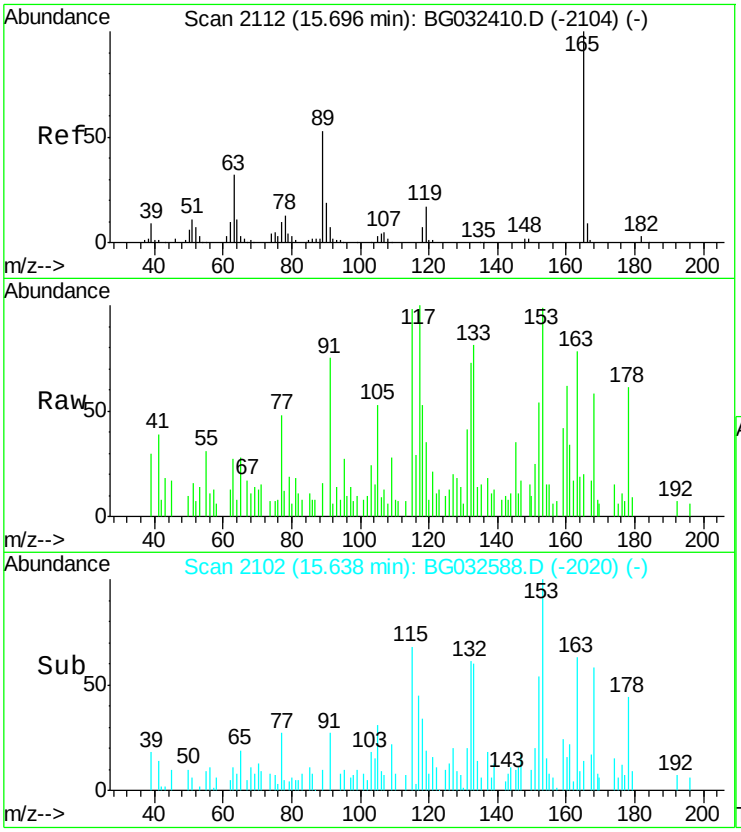


#55
4-Nitrophenol
Concen: 0.729 ng
RT: 15.52 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion:139 Resp: 583

Ion	Ratio	Lower	Upper
139	100		
109	108.2	62.2	102.2#
65	288.4	97.2	137.2#



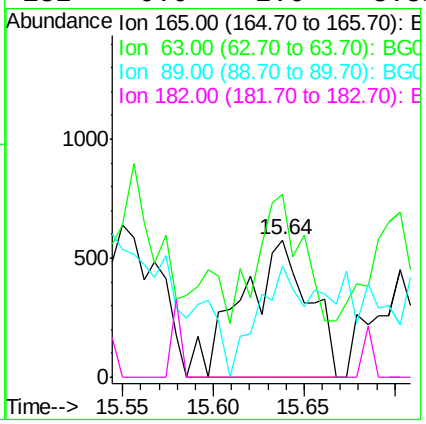


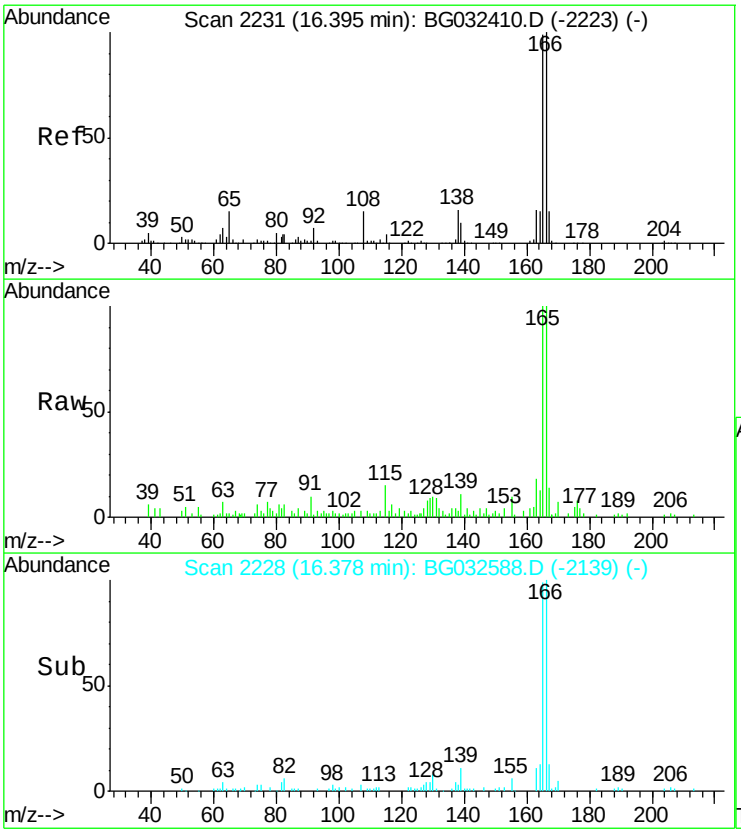
#56
2,4-Dinitrotoluene
Concen: 0.858 ng
RT: 15.64 min Scan# 2102
Delta R.T. -0.05 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 1493

Ion	Ratio	Lower	Upper
165	100		
63	133.6	42.0	63.0#
89	81.5	66.9	100.3
182	0.0	2.6	3.8#

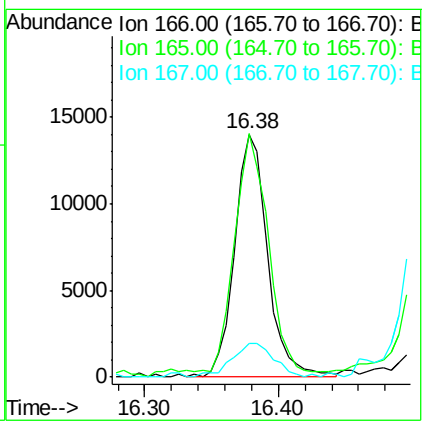


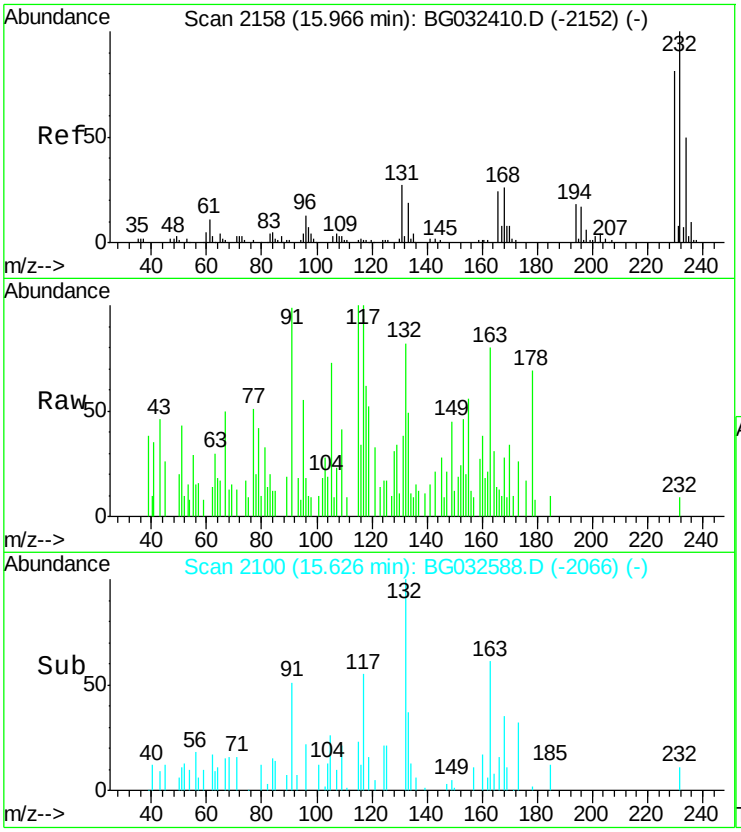


#57
Fluorene
Concen: 4.451 ng
RT: 16.38 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion:166 Resp: 24009

Ion	Ratio	Lower	Upper
166	100		
165	100.4	80.6	121.0
167	14.0	10.4	15.6



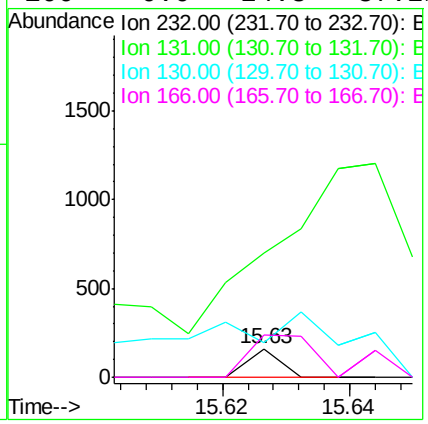


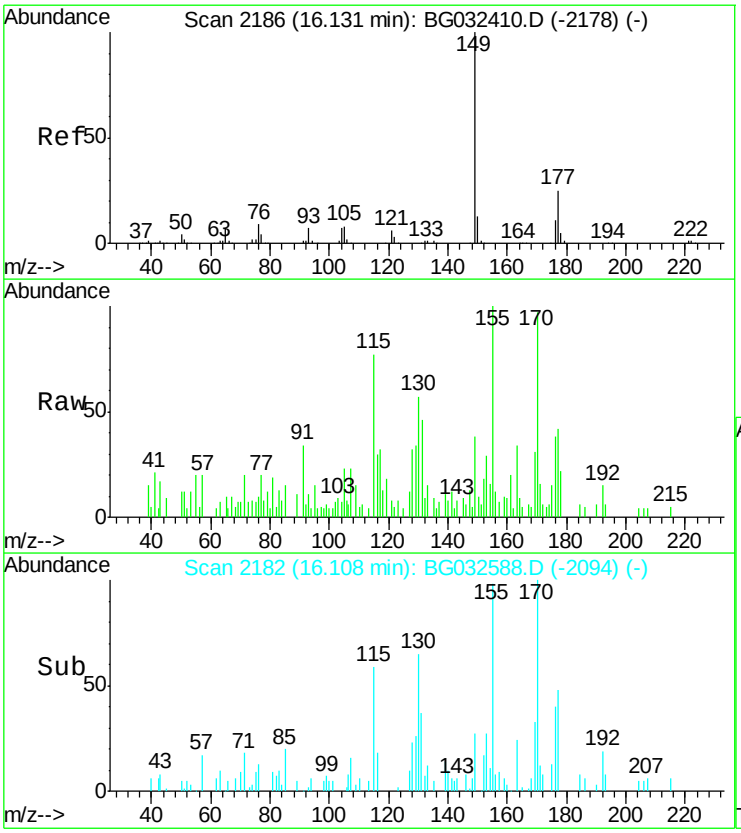
#58
2,3,4,6-Tetrachlorophenol
Concen: 0.031 ng
RT: 15.63 min Scan# 2100
Delta R.T. -0.33 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:232 Resp: 57

Ion	Ratio	Lower	Upper
232	100		
131	2649.1	33.5	50.3#
130	0.0	2.2	3.2#
166	0.0	24.8	37.2#

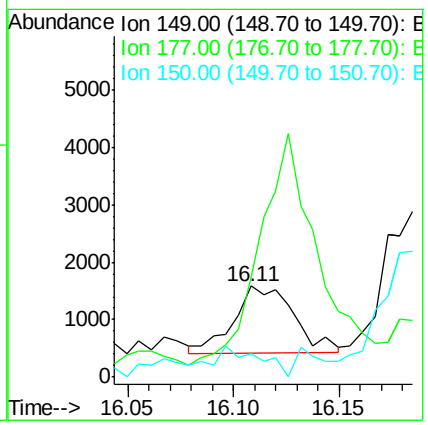


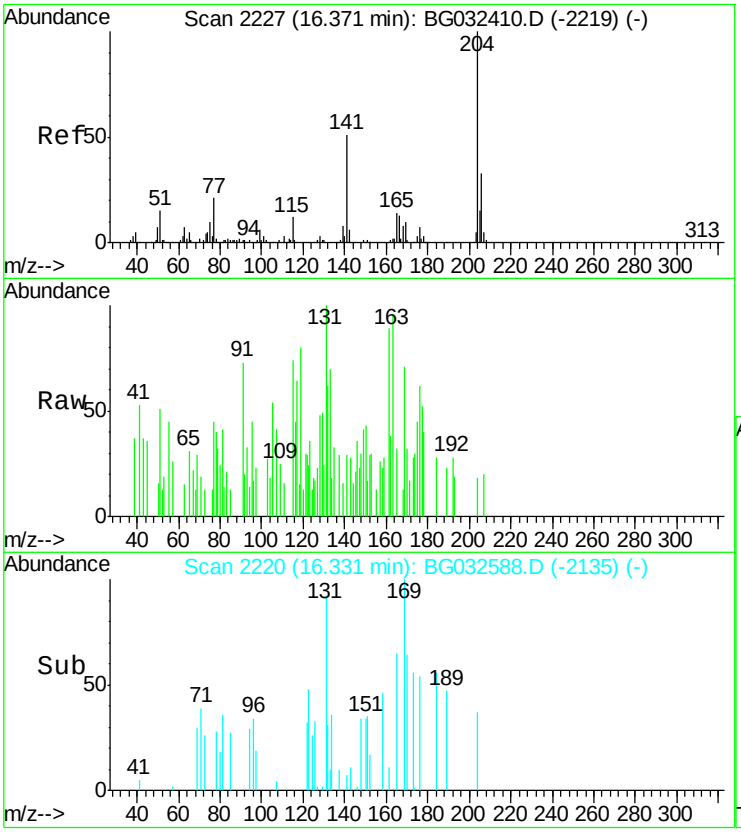


#59
Diethylphthalate
Concen: 0.402 ng
RT: 16.11 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion:149 Resp: 2279

Ion	Ratio	Lower	Upper
149	100		
177	110.4	18.5	27.7#
150	25.6	10.2	15.2#



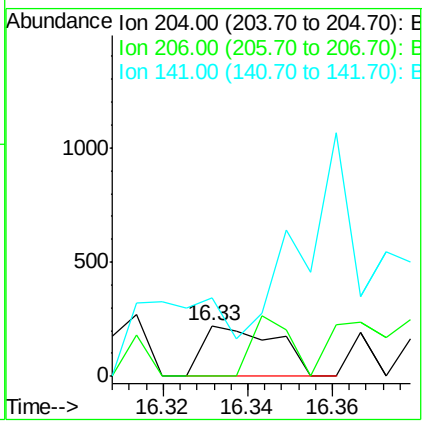


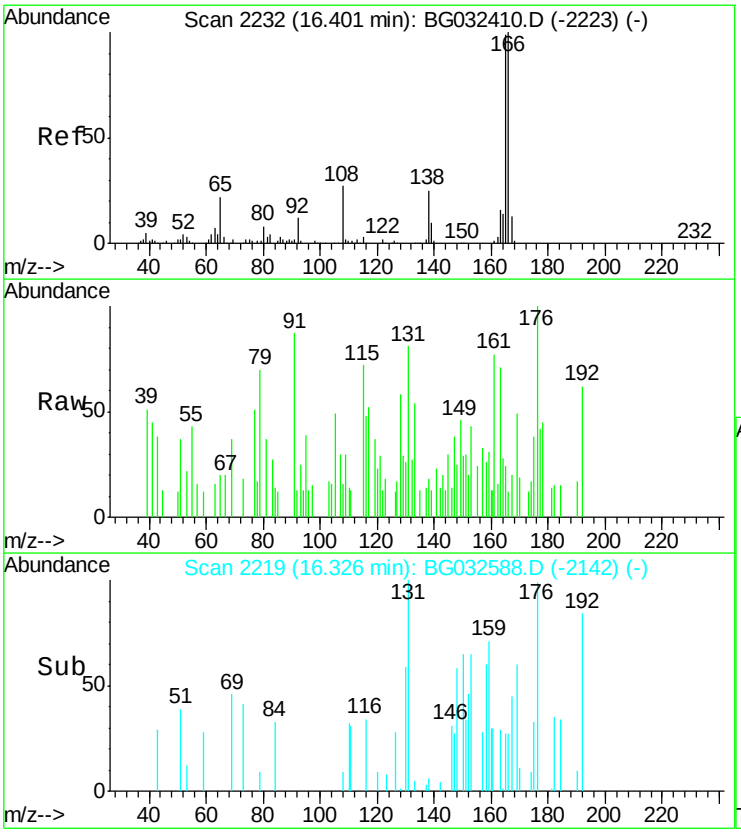
#60
4-Chlorophenyl-phenylether
Concen: 0.078 ng
RT: 16.33 min Scan# 2220
Delta R.T. -0.03 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:204 Resp: 265

Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.2	39.2#
141	155.4	45.8	68.6#

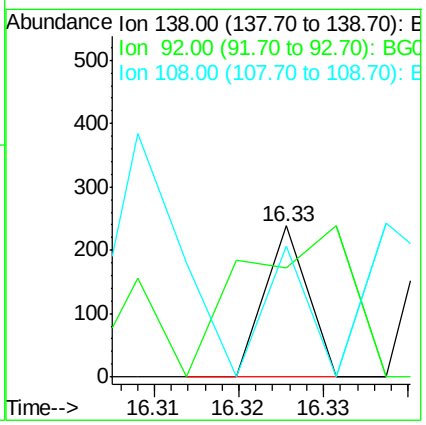


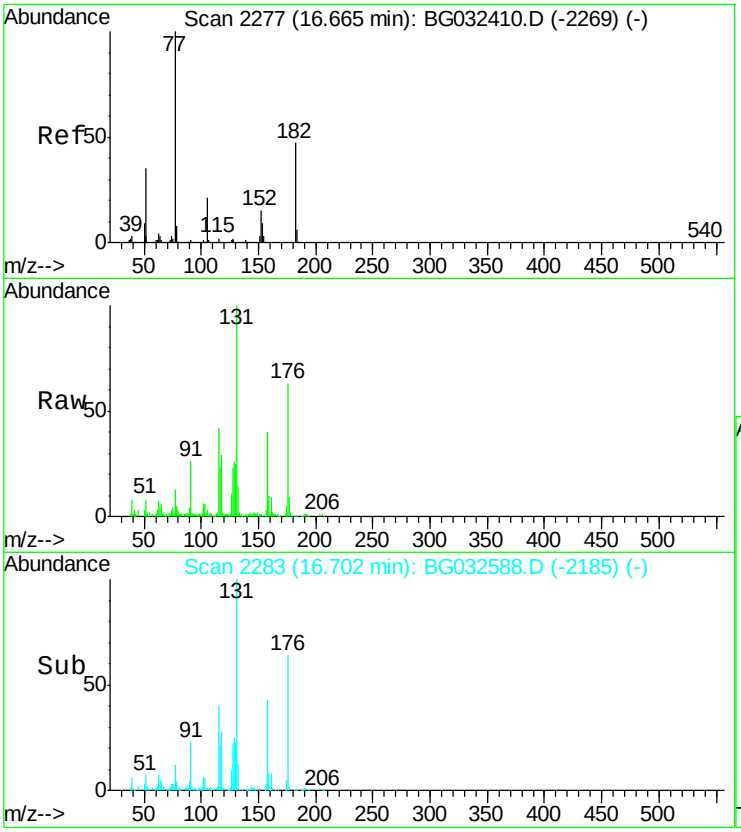


#61
4-Nitroaniline
Concen: 0.073 ng
RT: 16.33 min Scan# 2219
Delta R.T. -0.08 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion:138 Resp: 84

Ion	Ratio	Lower	Upper
138	100		
92	72.3	40.1	80.1
108	86.6	65.4	105.4



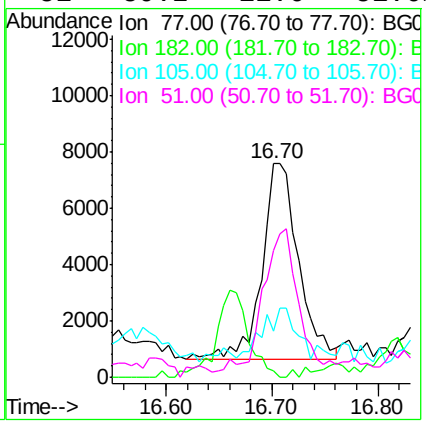


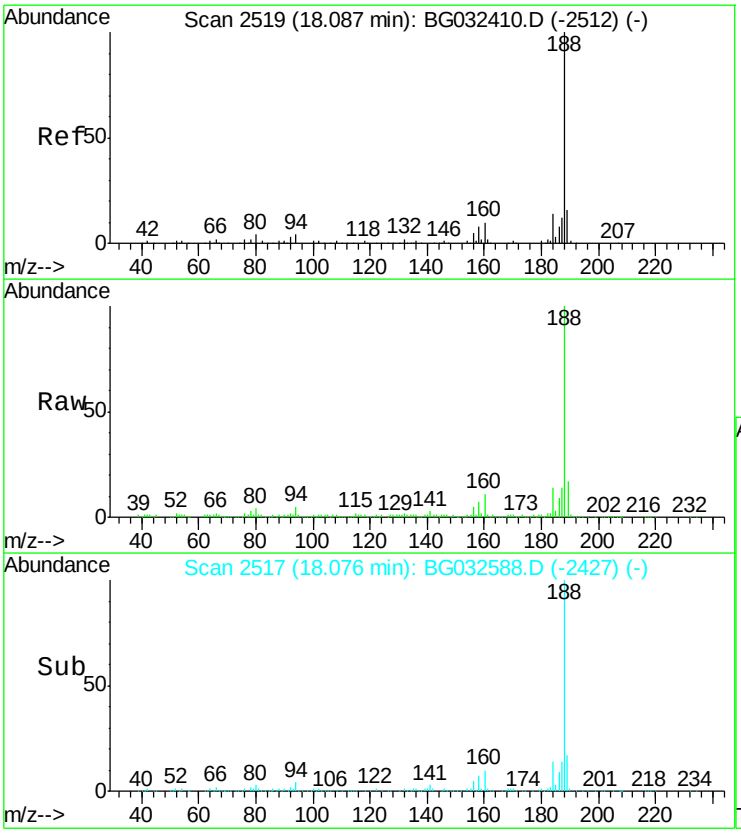
#62
Azobenzene
Concen: 4.864 ng
RT: 16.70 min Scan# 2283
Delta R.T. 0.05 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 16489

Ion	Ratio	Lower	Upper
77	100		
182	3.2	7.4	47.4#
105	21.8	0.3	40.3
51	59.2	11.6	51.6#

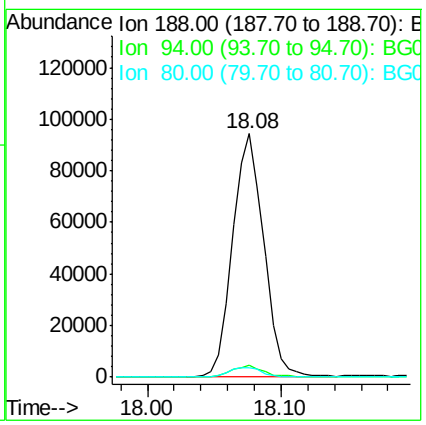


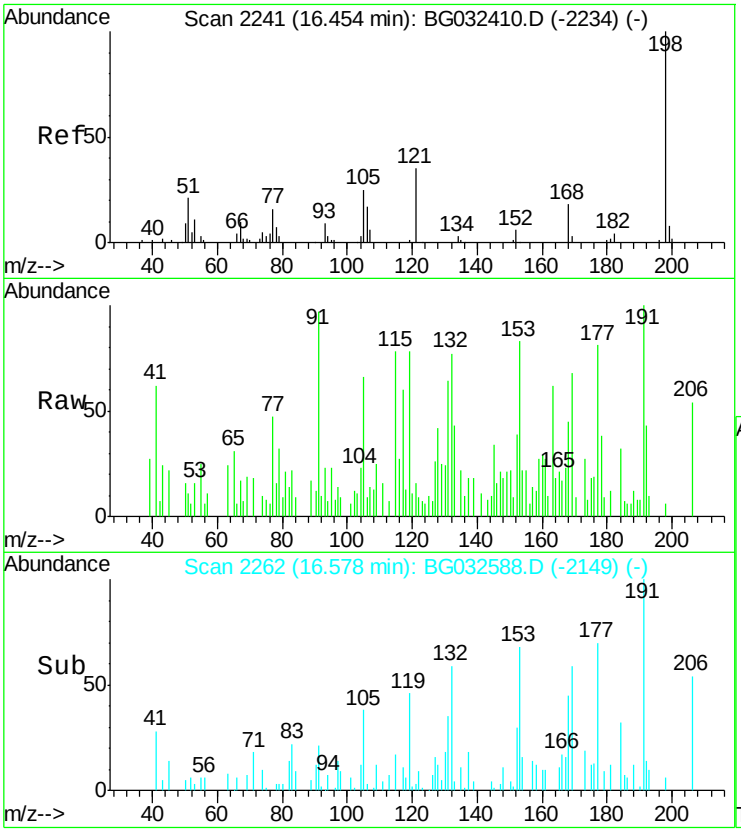


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. 0.00 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion:188 Resp: 152005

Ion	Ratio	Lower	Upper
188	100		
94	4.7	6.9	10.3#
80	3.8	7.7	11.5#



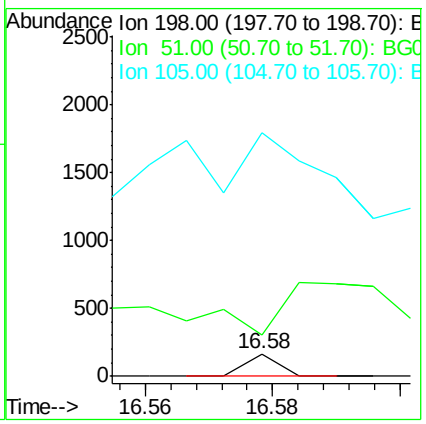


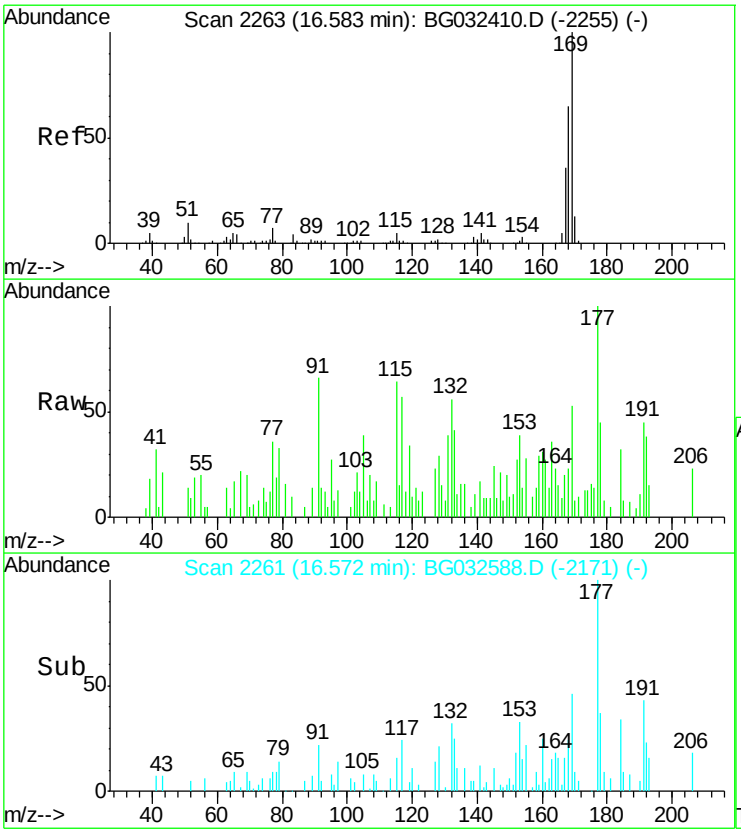
#64
4,6-Dinitro-2-methylphenol
Concen: 0.052 ng
RT: 16.58 min Scan# 2262
Delta R.T. 0.14 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 59

Ion	Ratio	Lower	Upper
198	100		
51	183.8	30.6	70.6#
105	1073.7	23.8	63.8#

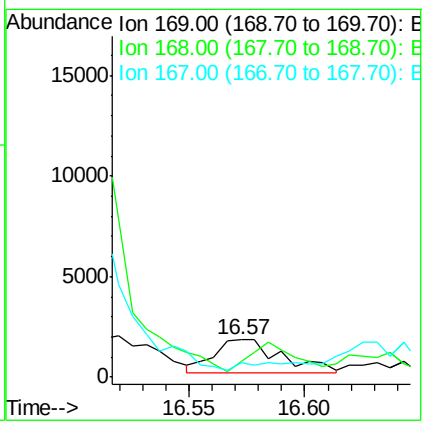


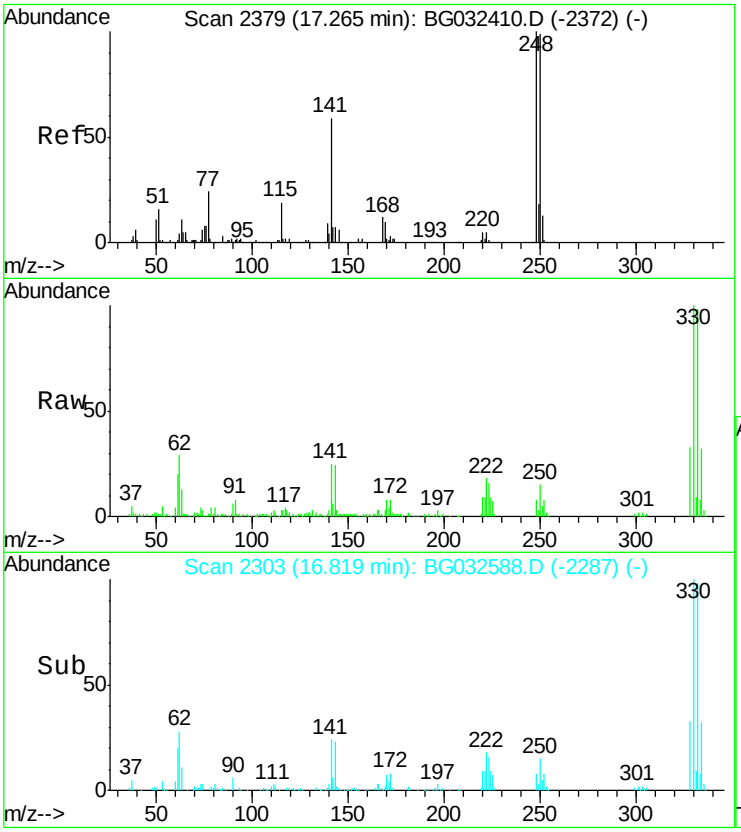


#65
n-Nitrosodiphenylamine
Concen: 0.760 ng
RT: 16.57 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion:169 Resp: 3446

Ion	Ratio	Lower	Upper
169	100		
168	42.6	55.7	83.5#
167	38.5	30.1	45.1



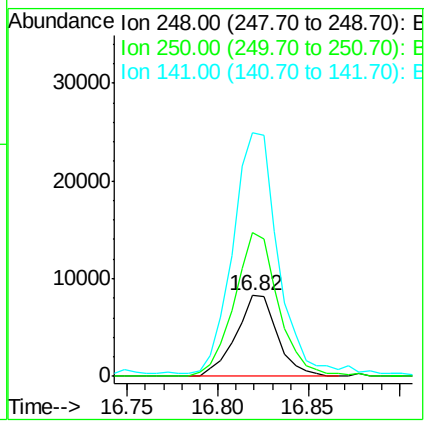


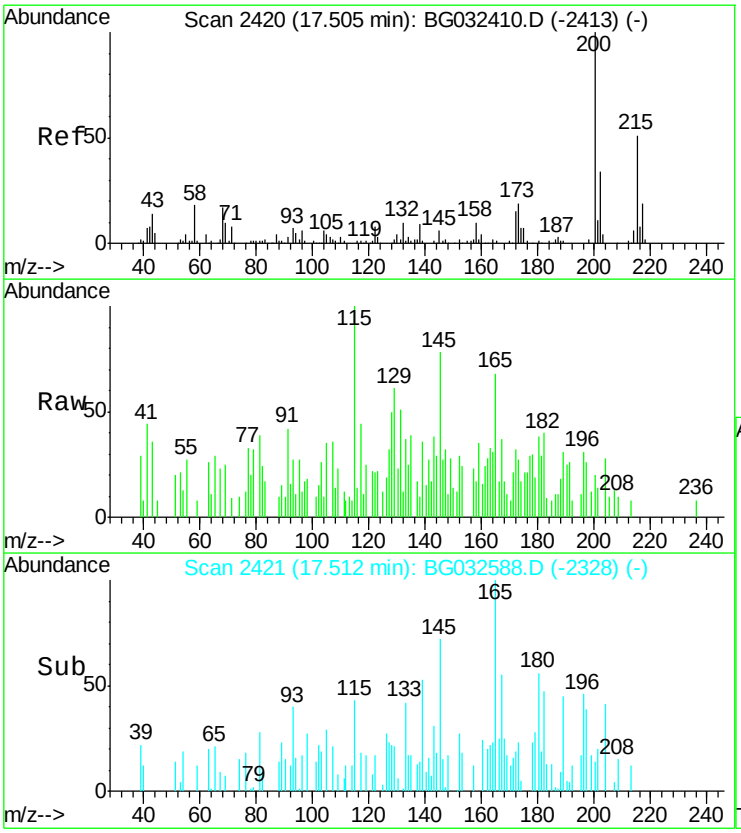
#66
4-Bromophenyl-phenylether
Concen: 5.847 ng
RT: 16.82 min Scan# 2303
Delta R.T. -0.43 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 13168

Ion	Ratio	Lower	Upper
248	100		
250	178.4	77.1	115.7#
141	300.8	50.8	76.2#

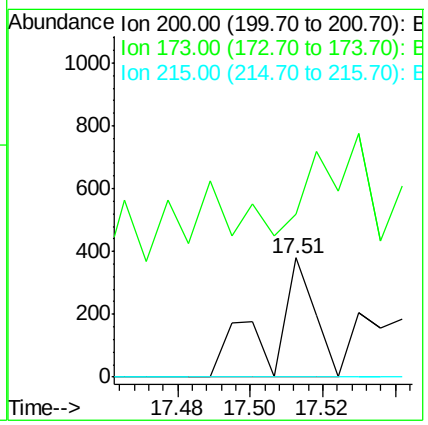


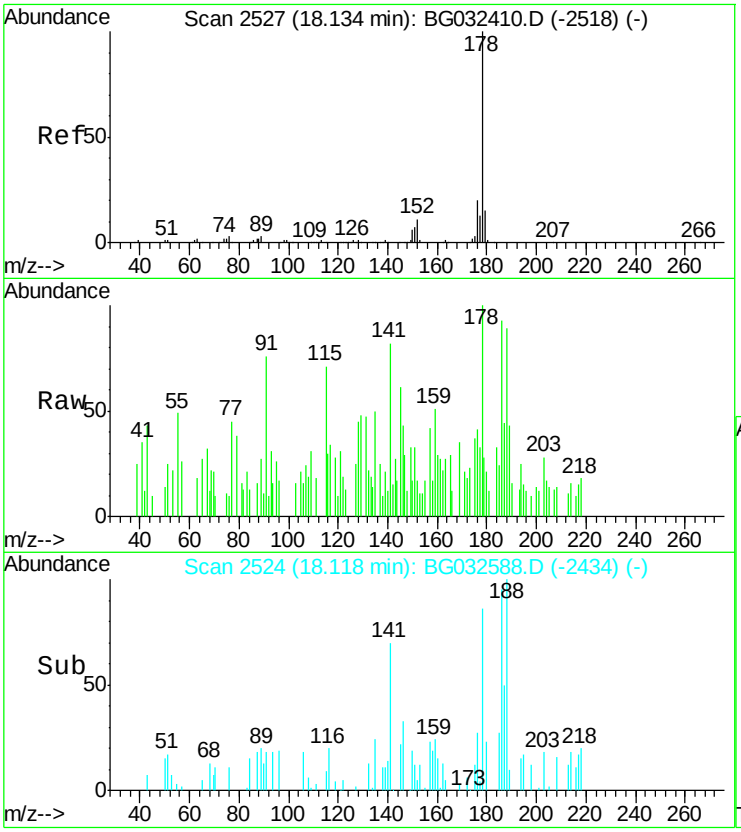


#68
Atrazine
Concen: 0.167 ng
RT: 17.51 min Scan# 2421
Delta R.T. 0.02 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion:200 Resp: 326

Ion	Ratio	Lower	Upper
200	100		
173	137.2	5.2	45.2#
215	0.0	30.4	70.4#



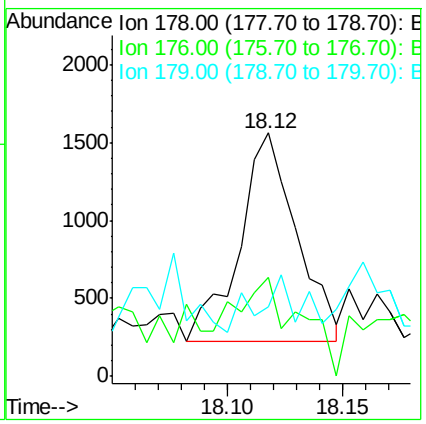


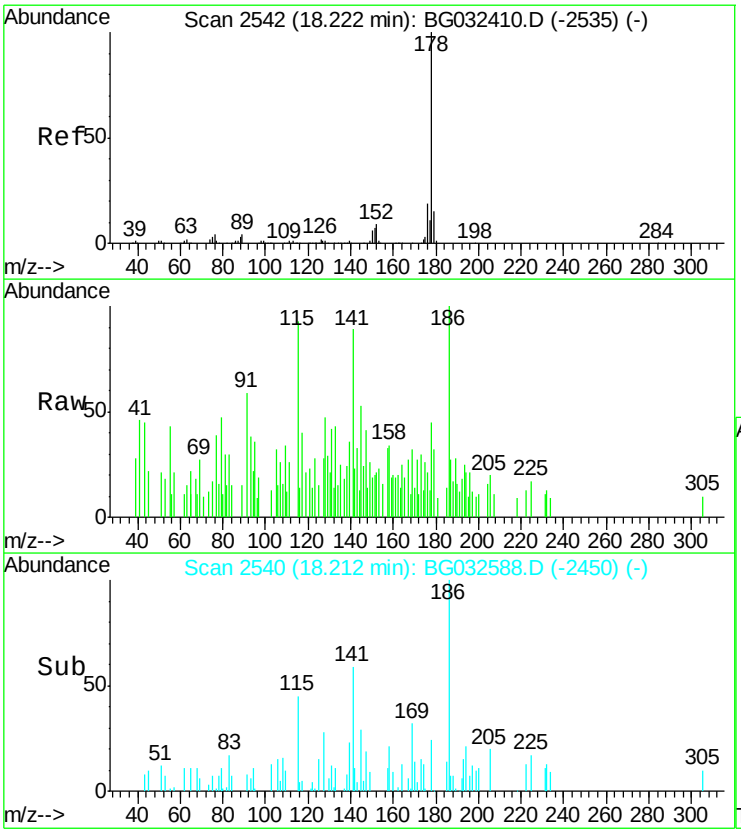
#70
Phenanthrene
Concen: 0.274 ng
RT: 18.12 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 2319

Ion	Ratio	Lower	Upper
178	100		
176	40.9	15.7	23.5#
179	28.5	12.5	18.7#

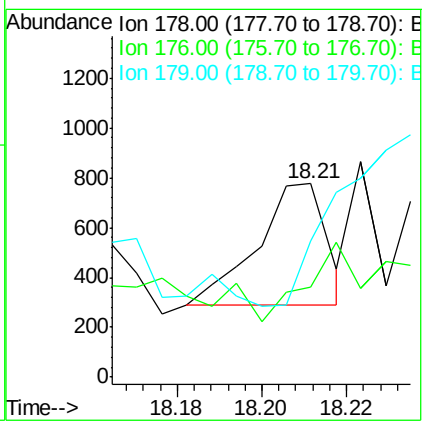


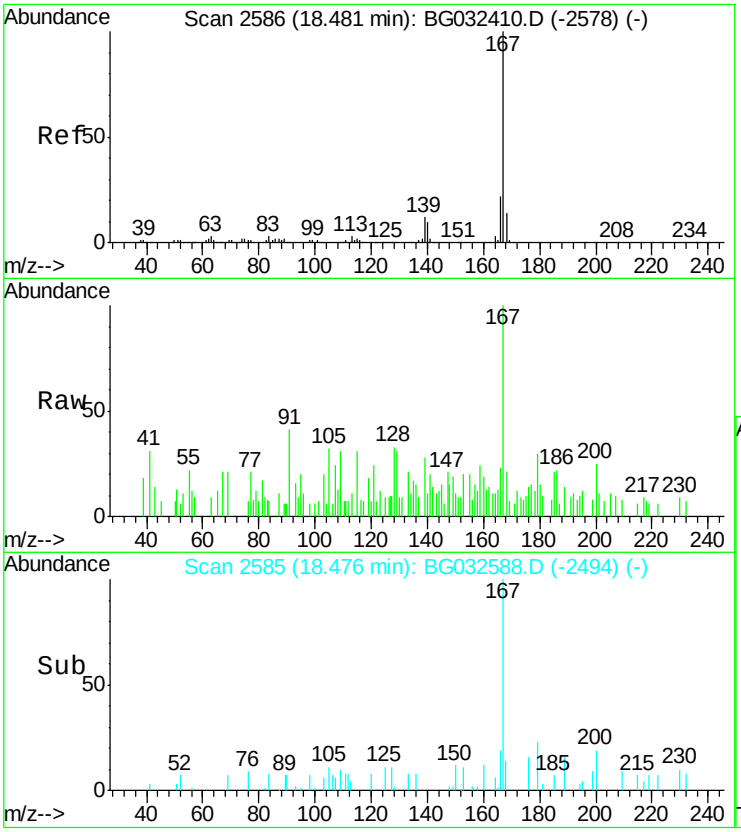


#71
Anthracene
Concen: 0.066 ng
RT: 18.21 min Scan# 2540
Delta R.T. 0.00 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion:178 Resp: 554

Ion	Ratio	Lower	Upper
178	100		
176	46.6	16.0	24.0#
179	70.2	12.5	18.7#



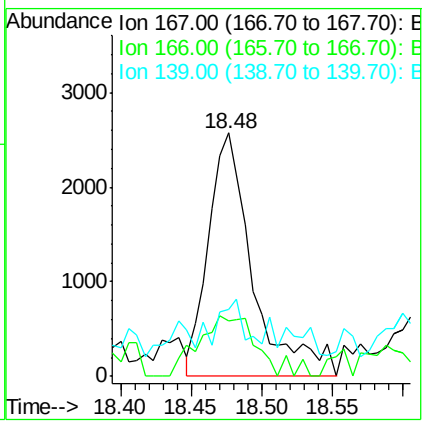


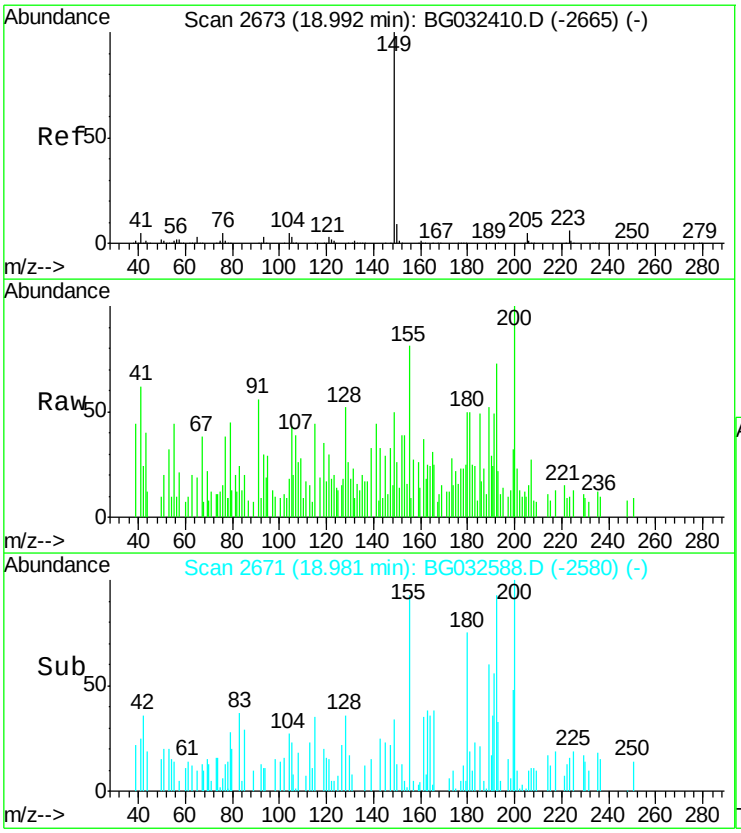
#72
Carbazole
Concen: 0.753 ng
RT: 18.48 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:167 Resp: 5615

Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.2	27.4
139	27.7	9.4	14.2#

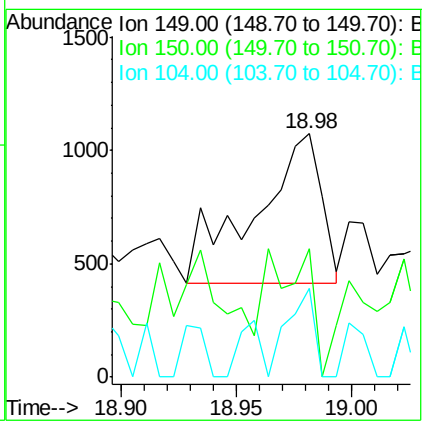


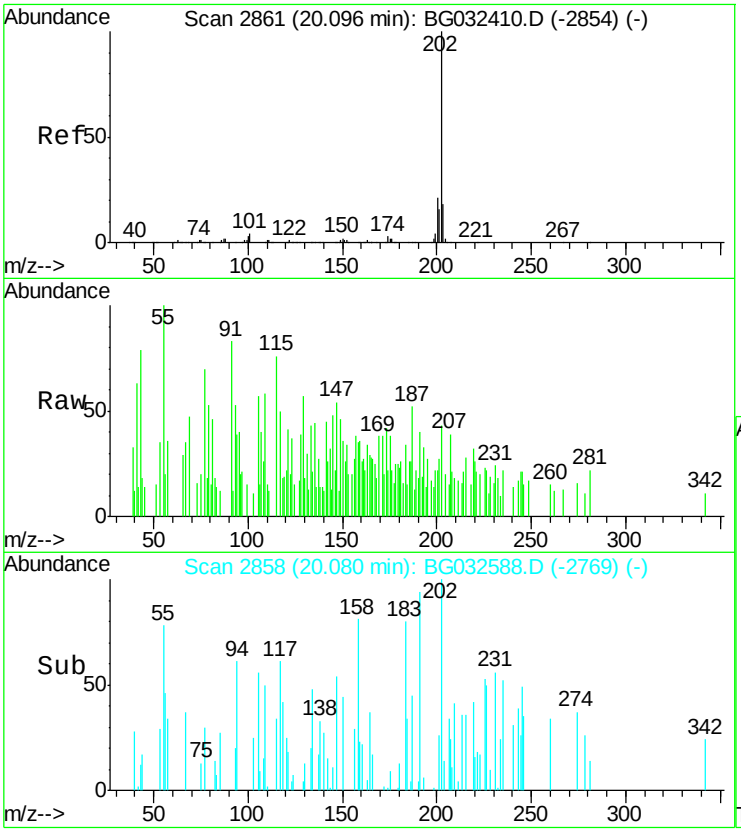


#73
Di-n-butylphthalate
Concen: 0.158 ng
RT: 18.98 min Scan# 2671
Delta R.T. 0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion:149 Resp: 1308

Ion	Ratio	Lower	Upper
149	100		
150	52.7	7.8	11.6#
104	36.2	3.9	5.9#



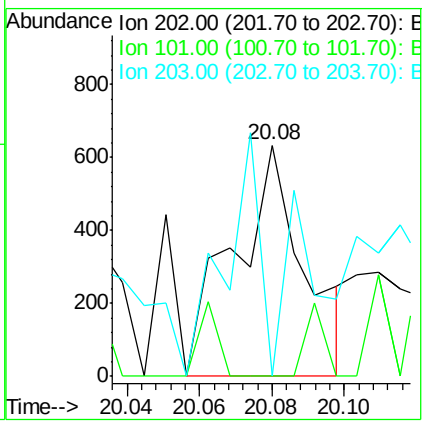


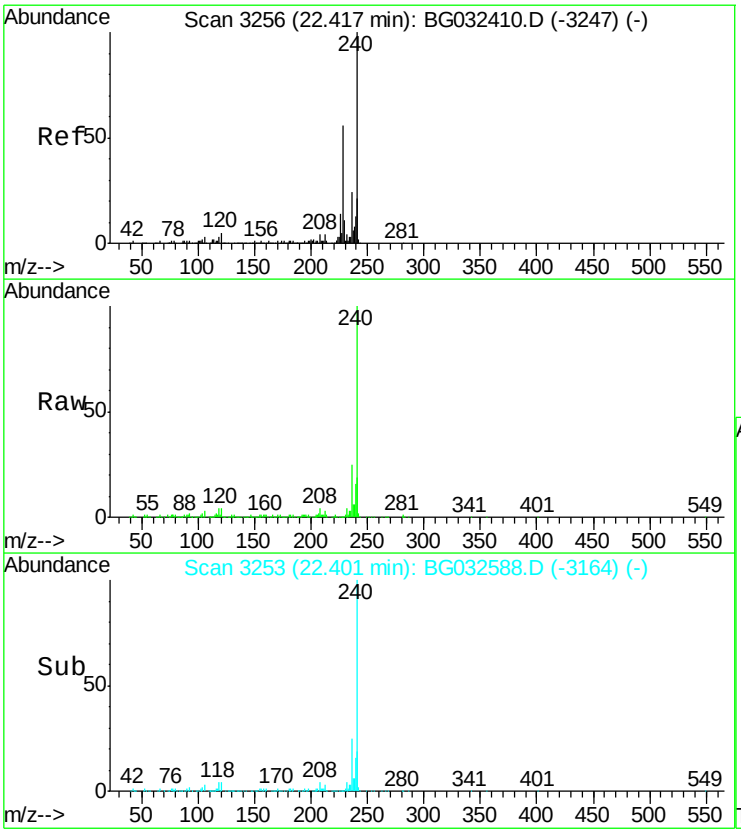
#74
Fluoranthene
Concen: 0.077 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 853

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	28.9
203	0.0	0.0	37.5

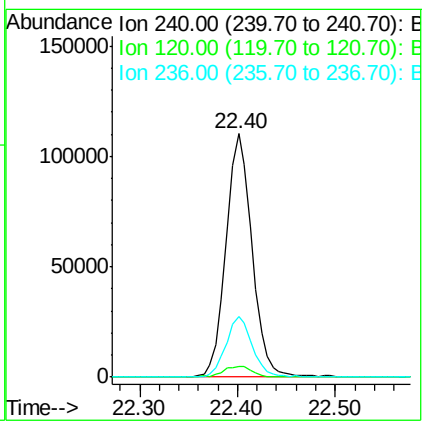


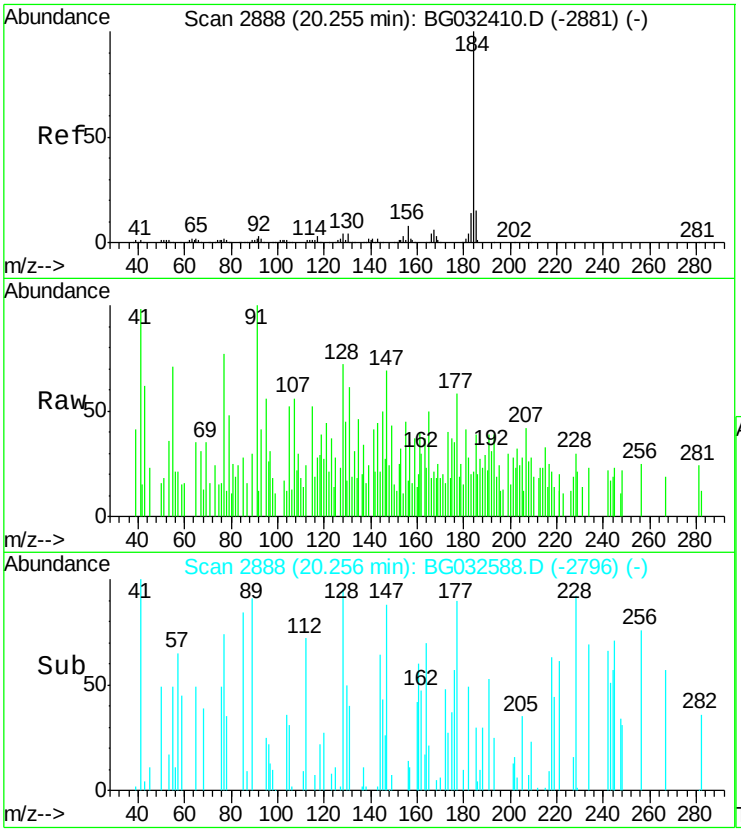


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.40 min Scan# 3253
Delta R.T. -0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion:240 Resp: 203713

Ion	Ratio	Lower	Upper
240	100		
120	4.2	6.8	10.2#
236	24.8	20.9	31.3



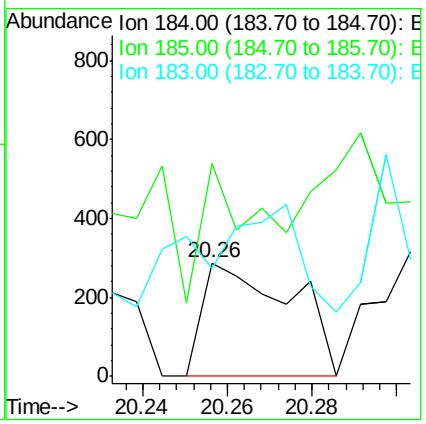


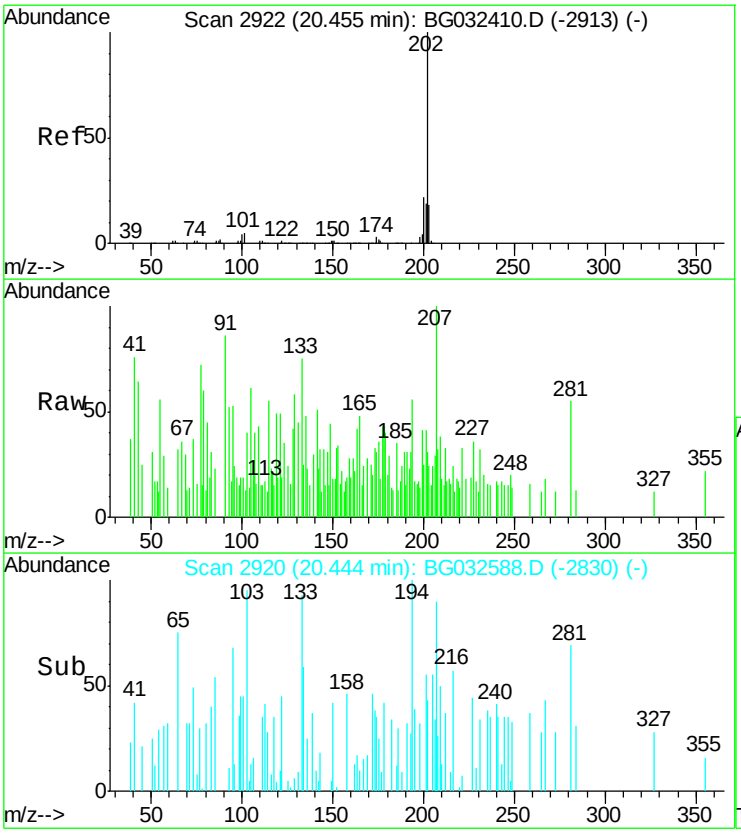
#76
Benzidine
Concen: 0.103 ng
RT: 20.26 min Scan# 2888
Delta R.T. 0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 414

Ion	Ratio	Lower	Upper
184	100		
185	187.8	11.1	16.7#
183	95.1	10.6	16.0#

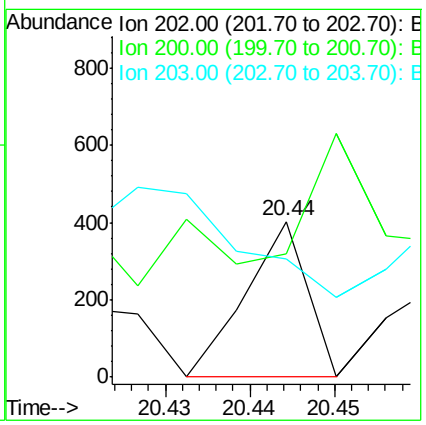


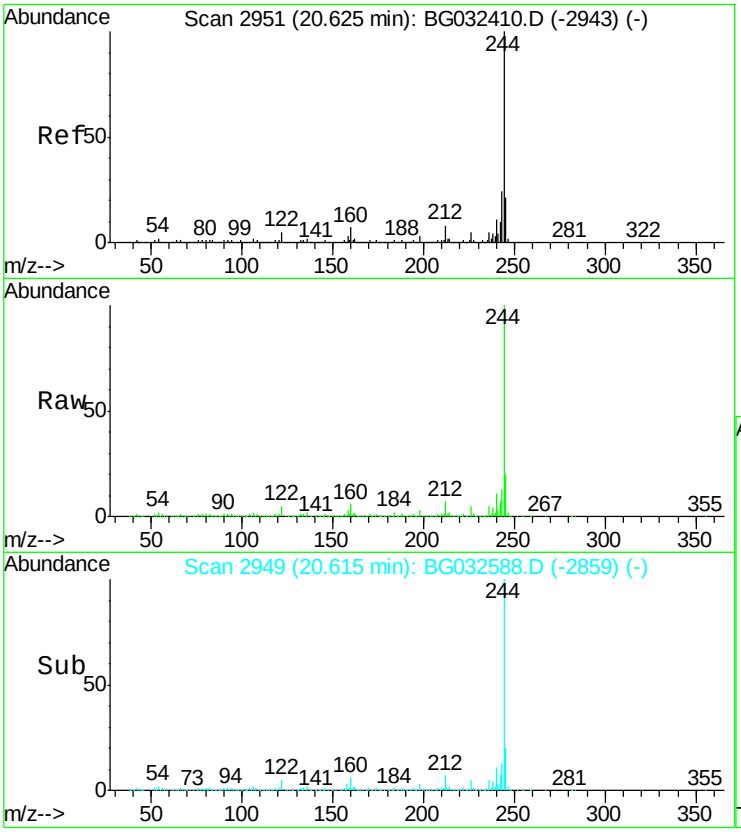


#77
Pyrene
Concen: 0.016 ng
RT: 20.44 min Scan# 2920
Delta R.T. 0.00 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion:202 Resp: 203

Ion	Ratio	Lower	Upper
202	100		
200	79.4	16.9	25.3#
203	75.9	13.9	20.9#



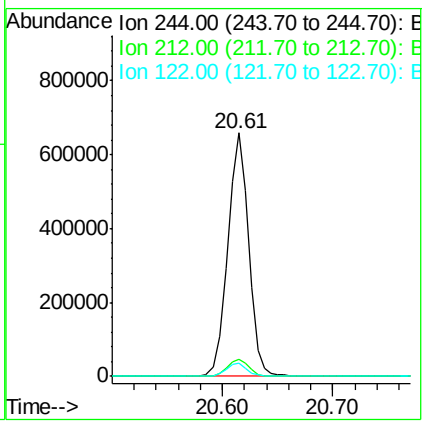


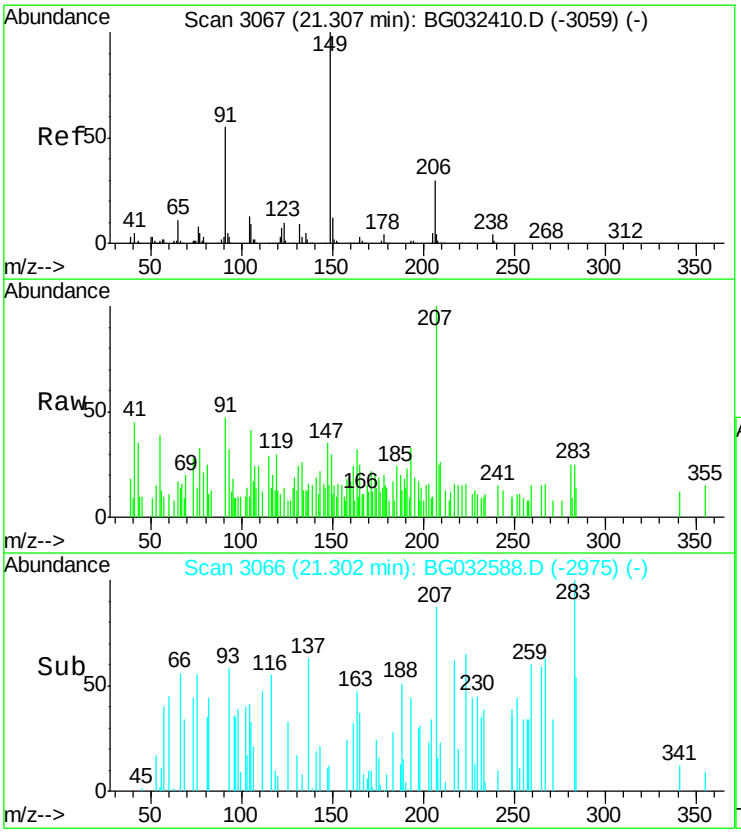
#78
Terphenyl-d14
Concen: 92.259 ng
RT: 20.61 min Scan# 2949
Delta R.T. 0.00 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 877390

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	5.3	7.0	10.4#

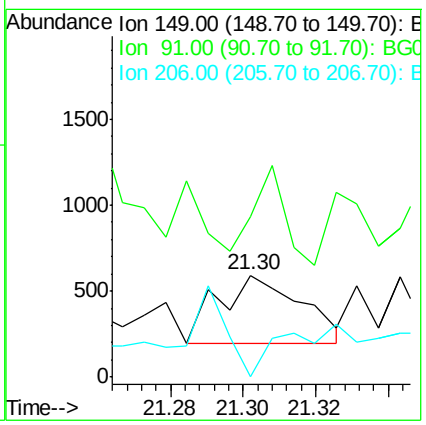


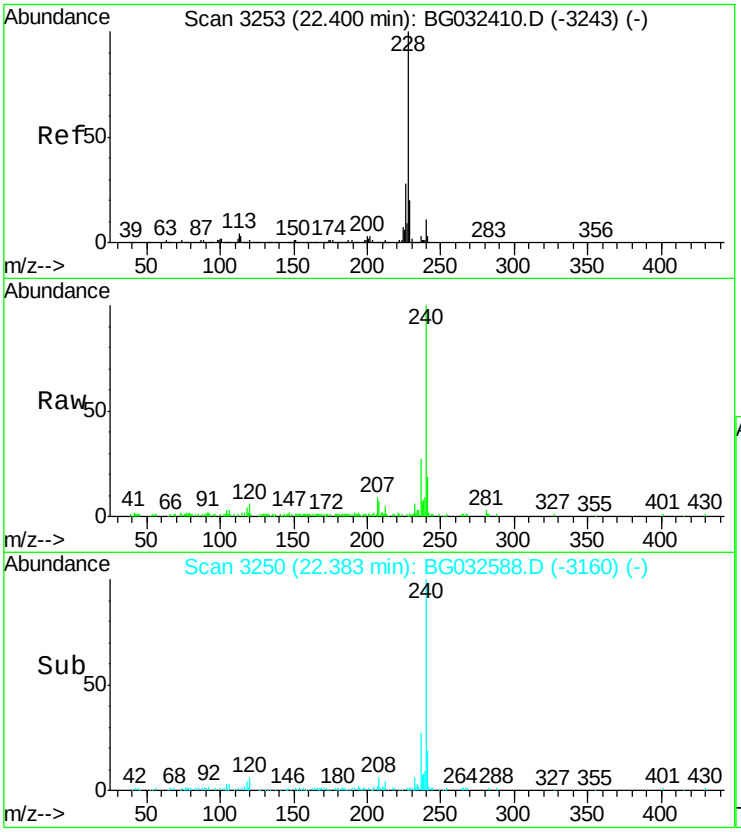


#79
Butylbenzylphthalate
Concen: 0.161 ng
RT: 21.30 min Scan# 3066
Delta R.T. 0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion:149 Resp: 635

Ion	Ratio	Lower	Upper
149	100		
91	157.4	62.2	93.2#
206	0.0	18.6	27.8#



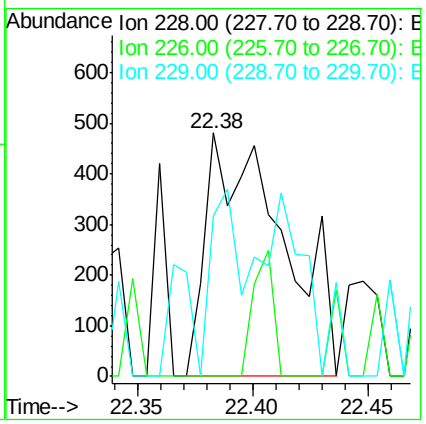


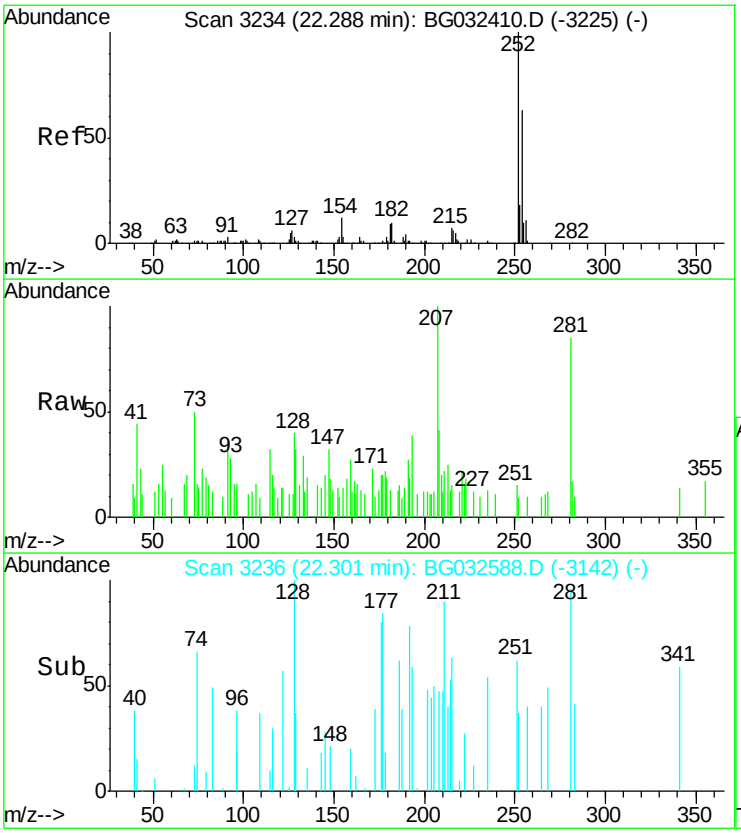
#80
Benzo(a)anthracene
Concen: 0.087 ng
RT: 22.38 min Scan# 3250
Delta R.T. 0.00 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 1102

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.7	34.1#
229	66.1	16.2	24.2#

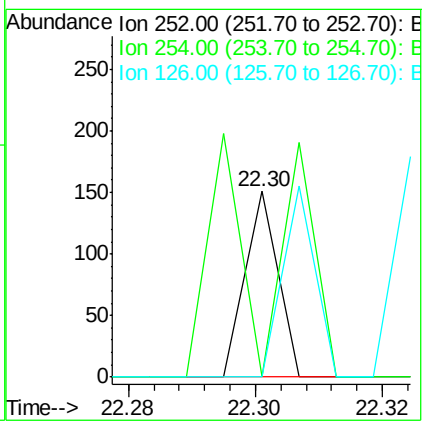


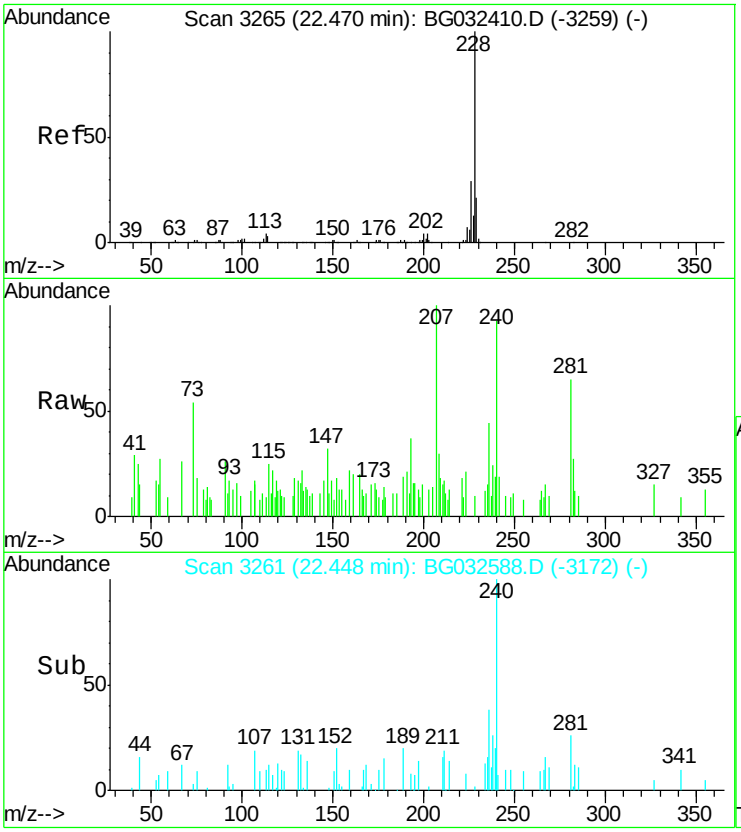


#81
3,3'-Dichlorobenzidine
Concen: 0.011 ng
RT: 22.30 min Scan# 3236
Delta R.T. 0.02 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion:252 Resp: 53

Ion	Ratio	Lower	Upper
252	100		
254	0.0	50.8	76.2#
126	0.0	7.4	11.2#



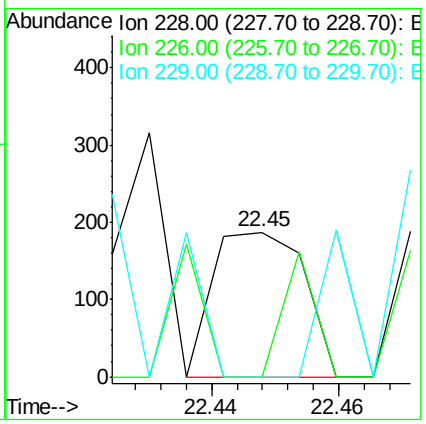


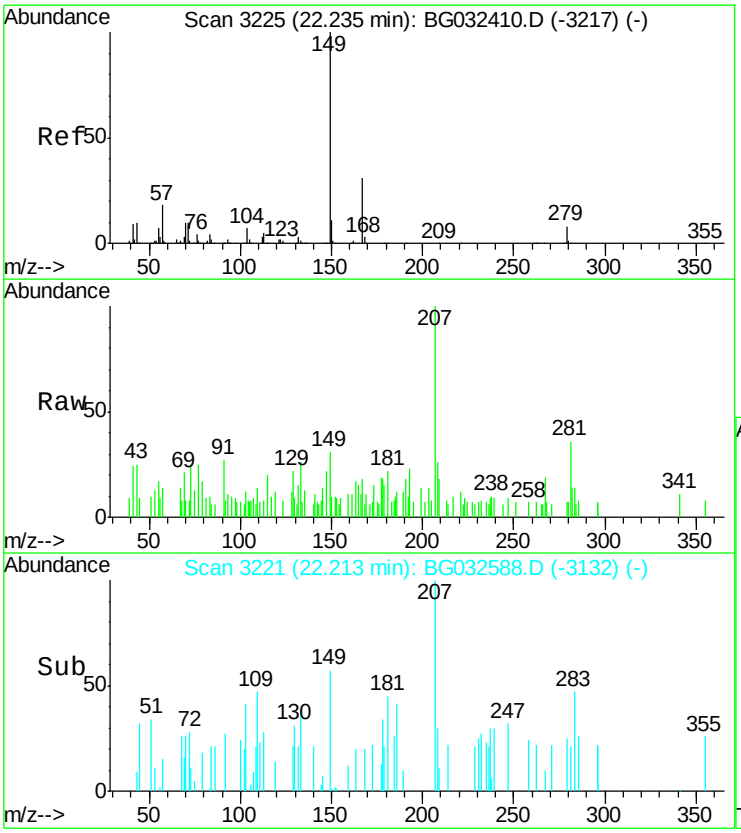
#82
Chrysene
Concen: 0.015 ng
RT: 22.45 min Scan# 3261
Delta R.T. -0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 186

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	0.0	15.0	22.4#

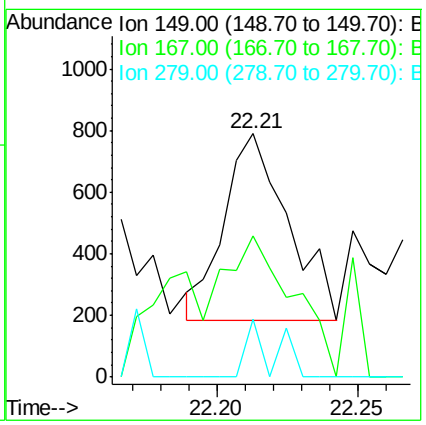


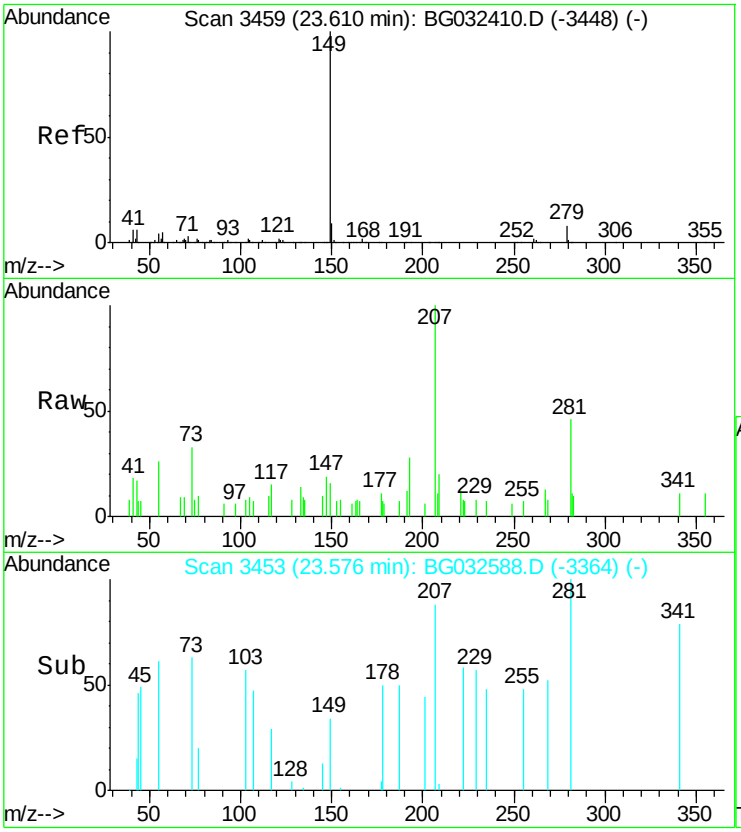


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.170 ng
RT: 22.21 min Scan# 3221
Delta R.T. -0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion:149 Resp: 950

Ion	Ratio	Lower	Upper
149	100		
167	58.2	24.3	36.5#
279	23.8	4.0	6.0#



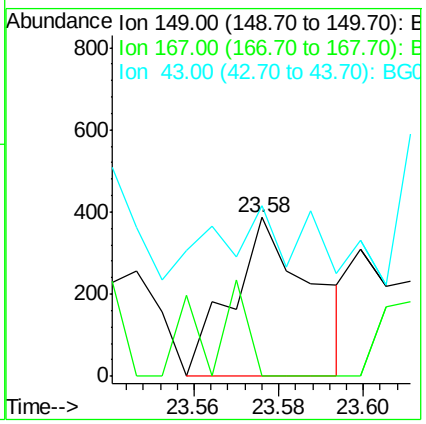


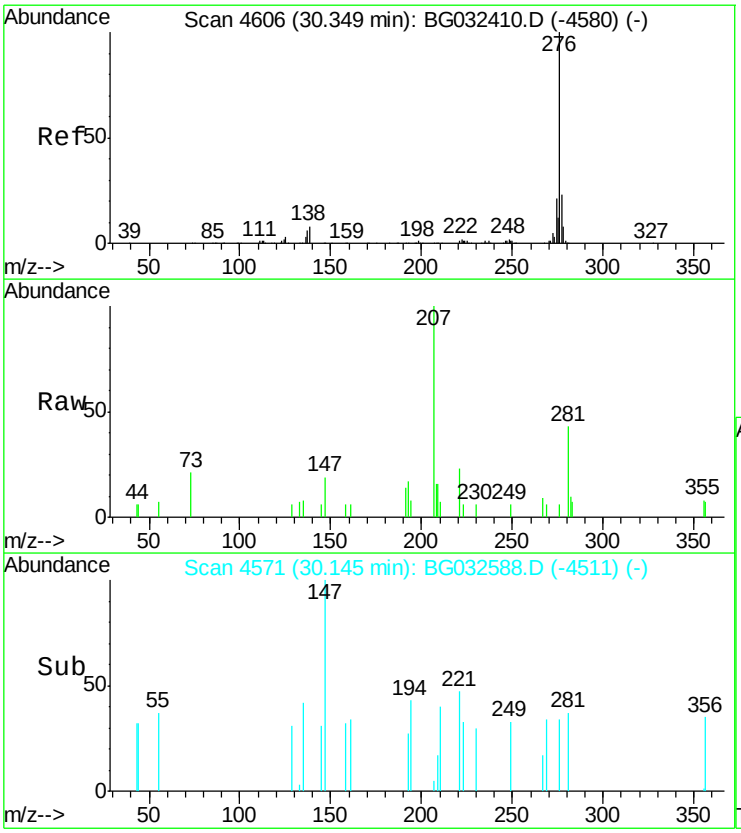
#84
Di-n-octyl phthalate
Concen: 0.057 ng
RT: 23.58 min Scan# 3453
Delta R.T. -0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 505

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.0#
43	0.0	8.9	13.3#

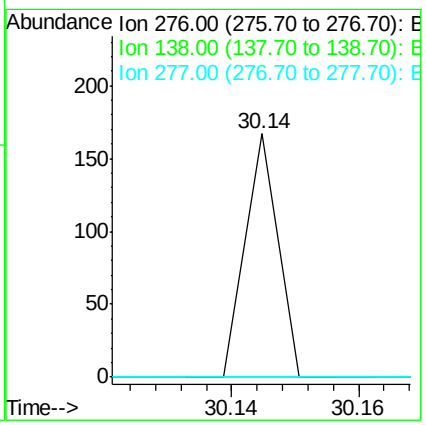


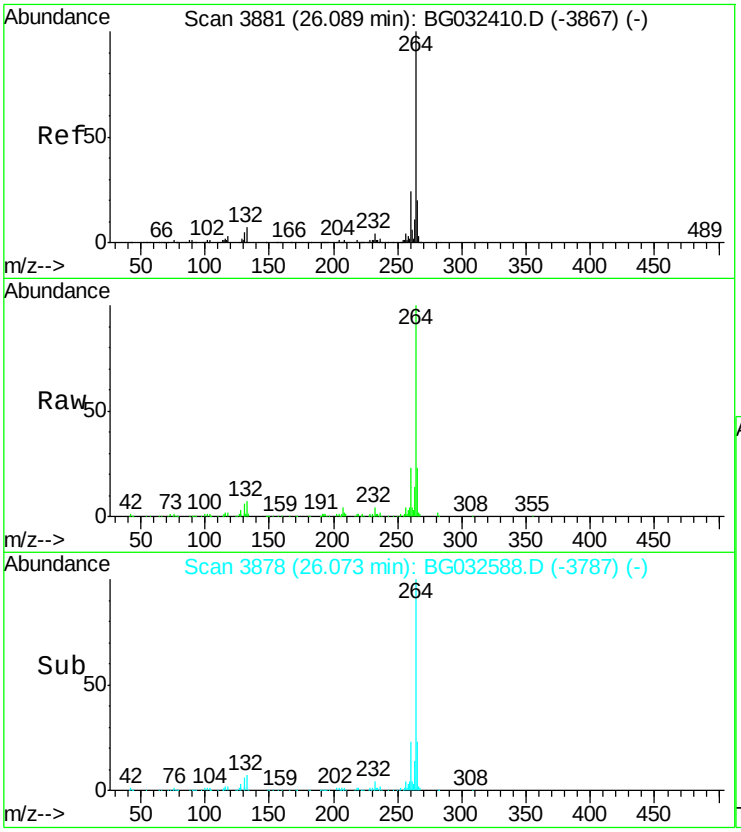


#85
Indeno(1,2,3-cd)pyrene
Concen: 0.004 ng
RT: 30.14 min Scan# 4571
Delta R.T. -0.18 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion:276 Resp: 59

Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.0	24.0#
277	0.0	20.0	30.0#



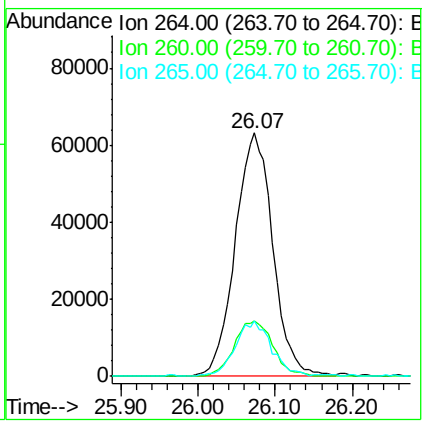


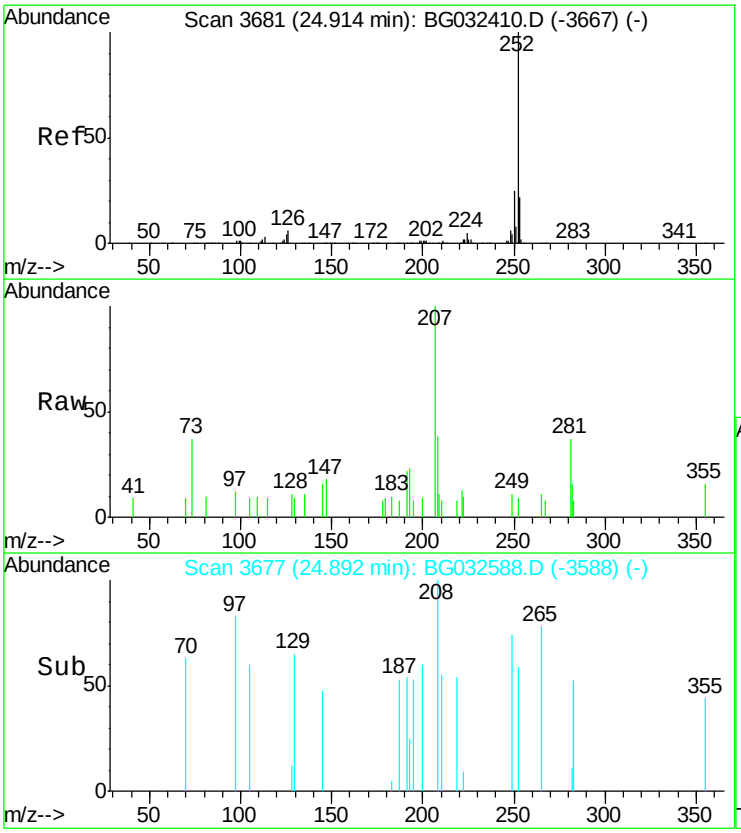
#86
Perylene-d12
Concen: 20.000 ng
RT: 26.07 min Scan# 3878
Delta R.T. 0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 215532

Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	23.0	17.7	26.5

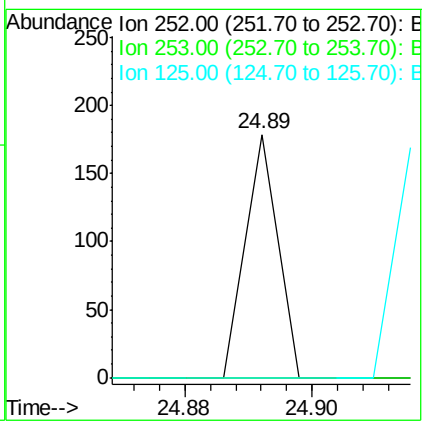


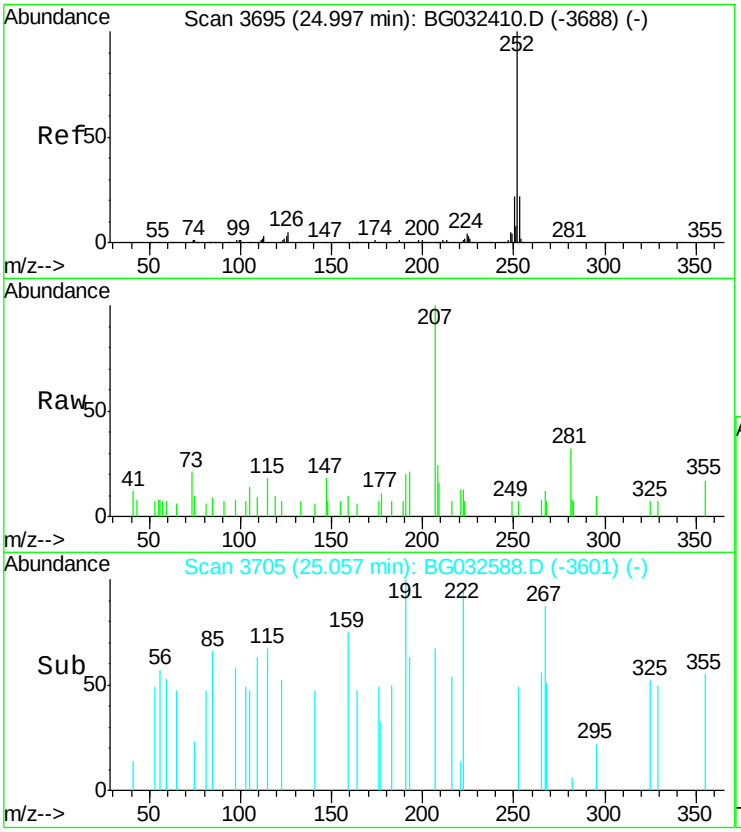


#87
Benzo(b)fluoranthene
Concen: 0.005 ng
RT: 24.89 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion:252 Resp: 63

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.4#
125	0.0	7.2	10.8#



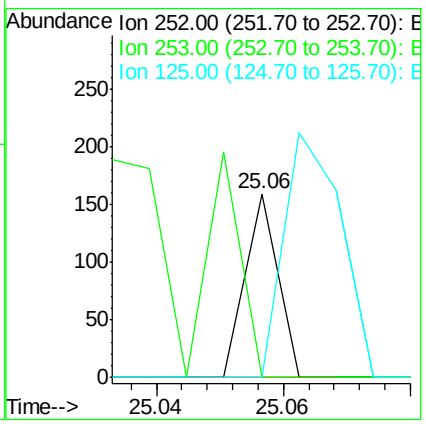


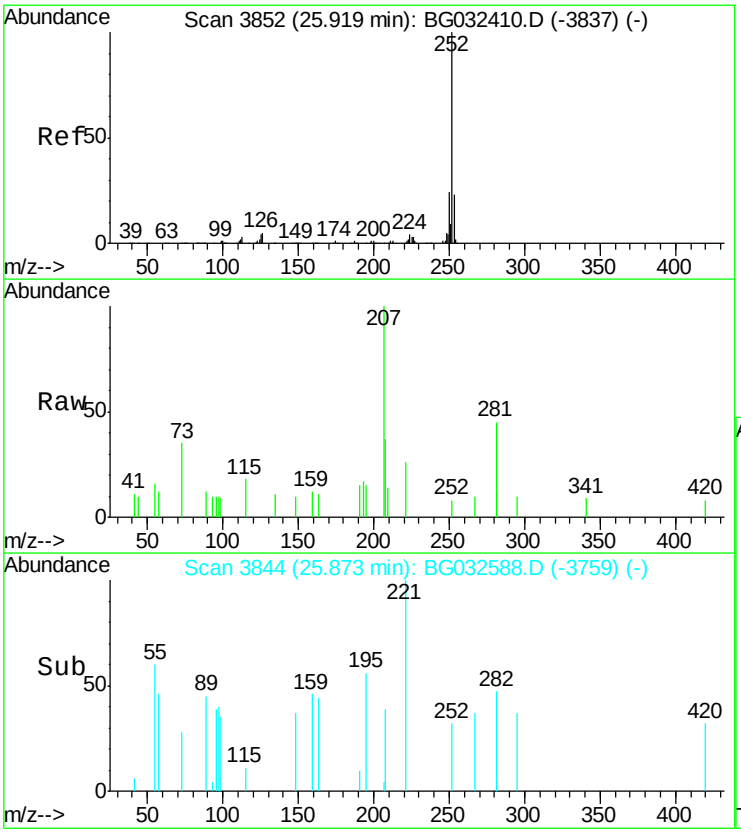
#88
Benzo(k)fluoranthene
Concen: 0.004 ng
RT: 25.06 min Scan# 3705
Delta R.T. 0.08 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 56

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.2#
125	0.0	6.6	9.8#

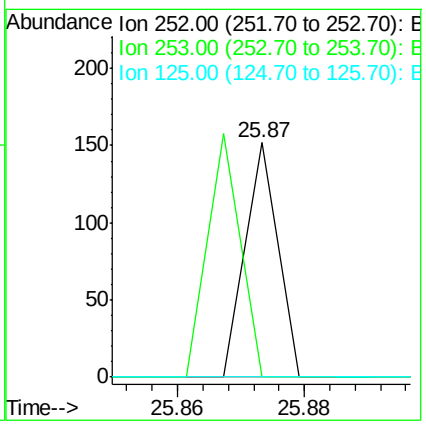


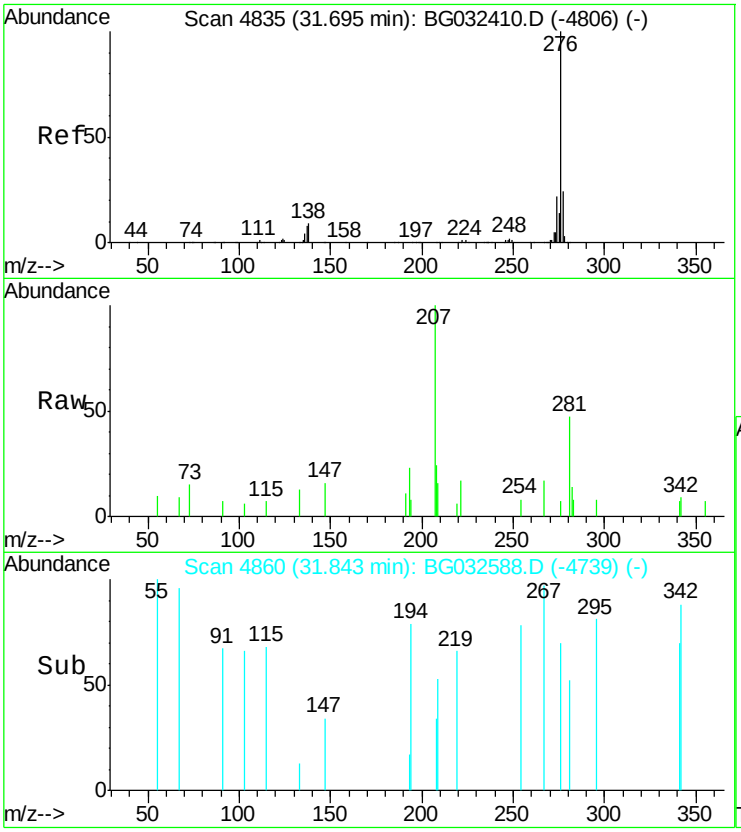


#89
Benzo(a)pyrene
Concen: 0.004 ng
RT: 25.87 min Scan# 3844
Delta R.T. -0.03 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Tgt Ion:252 Resp: 54

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.3	27.5#
125	0.0	7.3	10.9#





#91
Benzo(g,h,i)perylene
Concen: 0.005 ng
RT: 31.84 min Scan# 4860
Delta R.T. 0.18 min
Lab File: BG032588.D
Acq: 7 Feb 2018 7:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 57

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.3	27.5#
138	0.0	13.9	20.9#