Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
Data File : BG032823.D
Acq On : 26 Feb 2018 15:53
Operator : SJ/JU
Sample : J1688-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMSD

Manual Integrations APPROVED
Sohil
2/27/2018 10:23:12 AM

Quant Time: Feb 26 18:10:04 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	74800	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	328606	20.00	ng		0.00
38) Acenaphthene-d10	15.54	164	184117	20.00	ng		0.00
63) Phenanthrene-d10	18.27	188	425349	20.00	ng		0.00
75) Chrysene-d12	22.63	240	408603	20.00	ng		0.00
86) Perylene-d12	26.44	264	452669	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.34	112	492797	105.40	ng		0.00
7) Phenol-d6	8.02	99	657547	100.90	ng		0.00
23) Nitrobenzene-d5	10.13	82	368620	78.68	ng		0.00
41) 2,4,6-Tribromophenol	17.01	330	224277	115.85	ng		0.00
44) 2-Fluorobiphenyl	14.17	172	778307	60.97	ng		0.00
78) Terphenyl-d14	20.79	244	1144183	62.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.96	88	63454	31.272	ng		87
3) Pyridine	4.43	79	178785	31.968	ng		94
4) n-Nitrosodimethylamine	4.33	42	87433	38.994	ng	#	91
6) Aniline	8.22	93	204926	23.231	ng		96
8) 2-Chlorophenol	8.47	128	196967	38.489	ng		93
9) Benzaldehyde	8.02	77	88204	23.484	ng		90
10) Phenol	8.05	94	268637	40.892	ng		88
11) bis(2-Chloroethyl)ether	8.30	93	179896	33.489	ng		94
12) 1,3-Dichlorobenzene	8.81	146	198719	33.153	ng		95
13) 1,4-Dichlorobenzene	8.96	146	202089	33.495	ng		93
14) 1,2-Dichlorobenzene	9.30	146	189826	32.832	ng		97
15) Benzyl Alcohol	9.16	79	167692	35.002	ng		88
16) 2,2'-oxybis(1-Chloropropan	9.45	45	289053	31.301	ng		96
17) 2-Methylphenol	9.35	107	169948	35.082	ng		93
18) Hexachloroethane	10.06	117	71836	34.969	ng	#	83
19) n-Nitroso-di-n-propylamine	9.74	70	146917	31.933	ng	#	97
20) 3+4-Methylphenols	9.69	107	235158	34.912	ng		93
22) Acetophenone	9.77	105	280239	33.768	ng	#	95
24) Nitrobenzene	10.17	77	201233	39.676	ng	#	89
25) Isophorone	10.70	82	405390	35.148	ng	#	94
26) 2-Nitrophenol	10.90	139	95369	50.602	ng		90
27) 2,4-Dimethylphenol	10.92	122	219505	43.809	ng		87
28) bis(2-Chloroethoxy)methane	11.17	93	246458	36.680	ng	#	96
29) 2,4-Dichlorophenol	11.44	162	179130	39.391	ng		98
30) 1,2,4-Trichlorobenzene	11.66	180	174054	32.652	ng		98
31) Naphthalene	11.86	128	590721	34.402	ng		99
32) Benzoic acid	11.02	122	11746	10.246	ng	#	81
33) 4-Chloroaniline	11.95	127	184383	24.016	ng		96
34) Hexachlorobutadiene	12.13	225	92168	30.825	ng		99
35) Caprolactam	12.69	113	72824	39.994	ng	#	84
36) 4-Chloro-3-methylphenol	13.01	107	212723	40.198	ng		91
37) 2-Methylnaphthalene	13.42	142	425031	34.214	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	175832	32.171	ng	#	96
40) Hexachlorocyclopentadiene	13.74	237	202740	72.785	ng		93

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-3-ROADMSD

Manual Integrations APPROVED
Sohil
2/27/2018 10:23:12 AM

Quant Time: Feb 26 18:10:04 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.99	196	135582	39.336	ng		98
43) 2,4,5-Trichlorophenol	14.06	196	154302	38.679	ng		95
45) 1,1'-Biphenyl	14.38	154	525109	32.638	ng		96
46) 2-Chloronaphthalene	14.44	162	401848	33.436	ng		98
47) 2-Nitroaniline	14.62	65	134607	45.146	ng	#	87
48) Acenaphthylene	15.27	152	655593	33.318	ng		98
49) Dimethylphthalate	14.97	163	588964	37.674	ng		99
50) 2,6-Dinitrotoluene	15.09	165	114482	44.940	ng		88
51) Acenaphthene	15.61	154	422975	34.516	ng		98
52) 3-Nitroaniline	15.42	138	109316	36.326	ng	#	83
53) 2,4-Dinitrophenol	15.62	184	54506	70.126	ng	#	1
54) Dibenzofuran	15.93	168	607243	34.801	ng		95
55) 4-Nitrophenol	15.69	139	229502	88.794	ng	#	78
56) 2,4-Dinitrotoluene	15.87	165	161513	52.296	ng		86
57) Fluorene	16.58	166	493692	34.280	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.14	232	132641m	42.826	ng		
59) Diethylphthalate	16.31	149	561418	34.048	ng		98
60) 4-Chlorophenyl-phenylether	16.55	204	237471	33.707	ng		94
61) 4-Nitroaniline	16.58	138	137257	41.378	ng	#	80
62) Azobenzene	16.85	77	506843	34.359	ng		97
64) 4,6-Dinitro-2-methylphenol	16.62	198	67397	52.446	ng		96
65) n-Nitrosodiphenylamine	16.76	169	475158	34.339	ng		99
66) 4-Bromophenyl-phenylether	17.45	248	146433	32.558	ng	#	90
67) Hexachlorobenzene	17.57	284	155664	32.027	ng		94
68) Atrazine	17.68	200	169515	37.218	ng		95
69) Pentachlorophenol	17.90	266	217540	71.058	ng		99
70) Phenanthrene	18.31	178	806282	33.977	ng		98
71) Anthracene	18.40	178	820946	34.459	ng		99
72) Carbazole	18.66	167	806824	34.359	ng		97
73) Di-n-butylphthalate	19.16	149	983793	34.150	ng		99
74) Fluoranthene	20.26	202	914574	34.890	ng		94
76) Benzidine	20.42	184	443713	31.858	ng		98
77) Pyrene	20.62	202	911668	31.639	ng		97
79) Butylbenzylphthalate	21.49	149	466296	36.499	ng		93
80) Benzo(a)anthracene	22.61	228	894295	34.131	ng		99
81) 3,3'-Dichlorobenzidine	22.49	252	264190	27.224	ng	#	97
82) Chrysene	22.69	228	835989	33.401	ng		98
83) Bis(2-ethylhexyl)phthalate	22.45	149	680690	35.995	ng	#	97
84) Di-n-octyl phthalate	23.88	149	1173322	40.705	ng		98
85) Indeno(1,2,3-cd)pyrene	30.88	276	1046936	35.866	ng		98
87) Benzo(b)fluoranthene	25.22	252	891719	33.317	ng	#	97
88) Benzo(k)fluoranthene	25.30	252	901037	33.874	ng	#	96
89) Benzo(a)pyrene	26.26	252	882635	34.671	ng	#	97
90) Dibenzo(a,h)anthracene	30.96	278	872933	34.067	ng	#	94
91) Benzo(g,h,i)perylene	32.28	276	872261	34.532	ng	#	91

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

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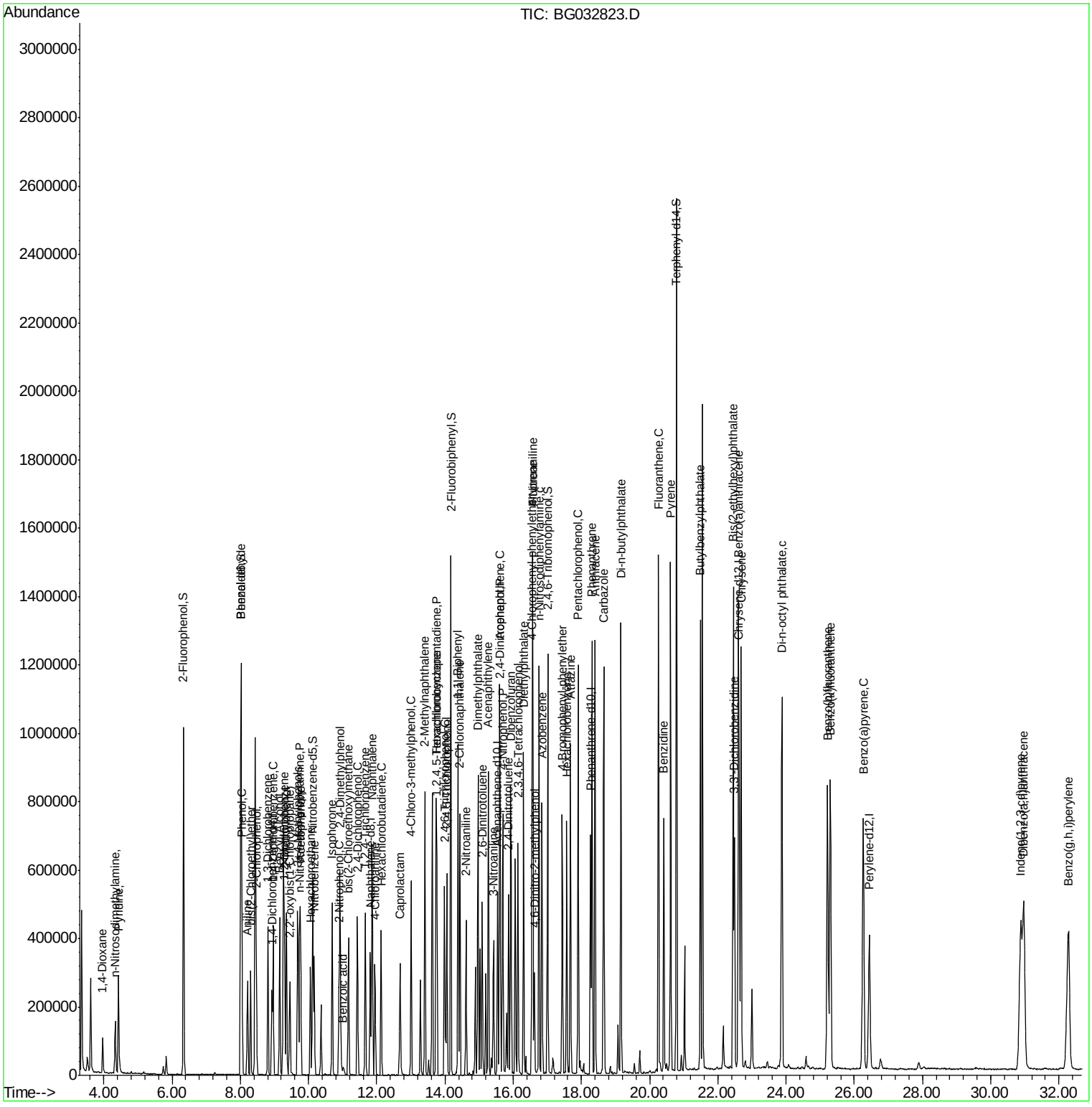
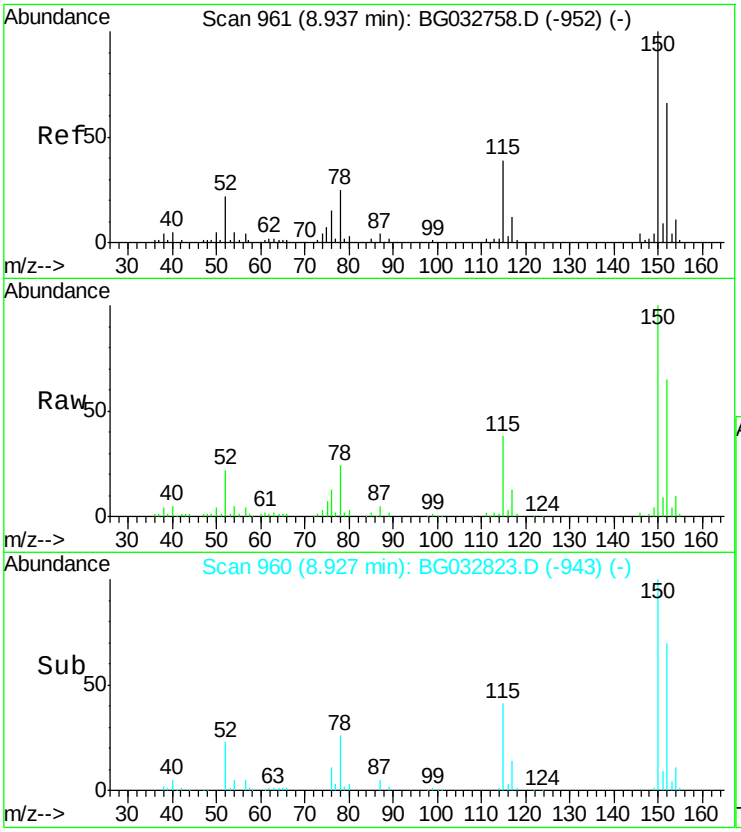
Instrument :
BNA_G
ClientSampleId :
T-3-ROADMSD

Manual Integrations APPROVED
Sohil
2/27/2018 10:23:12 AM

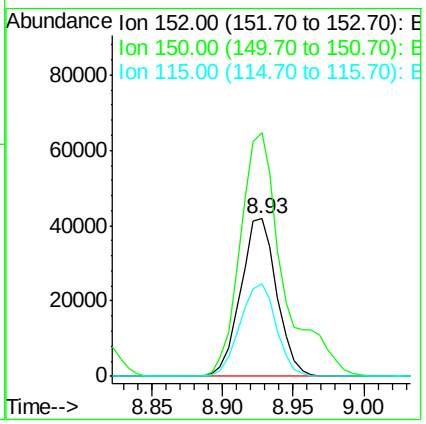




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.93 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:152 Resp: 74800

Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.6	189.8
115	59.2	53.0	79.4



Instrument :
BNA_G
ClientSampleId :
T-3-ROADMSD

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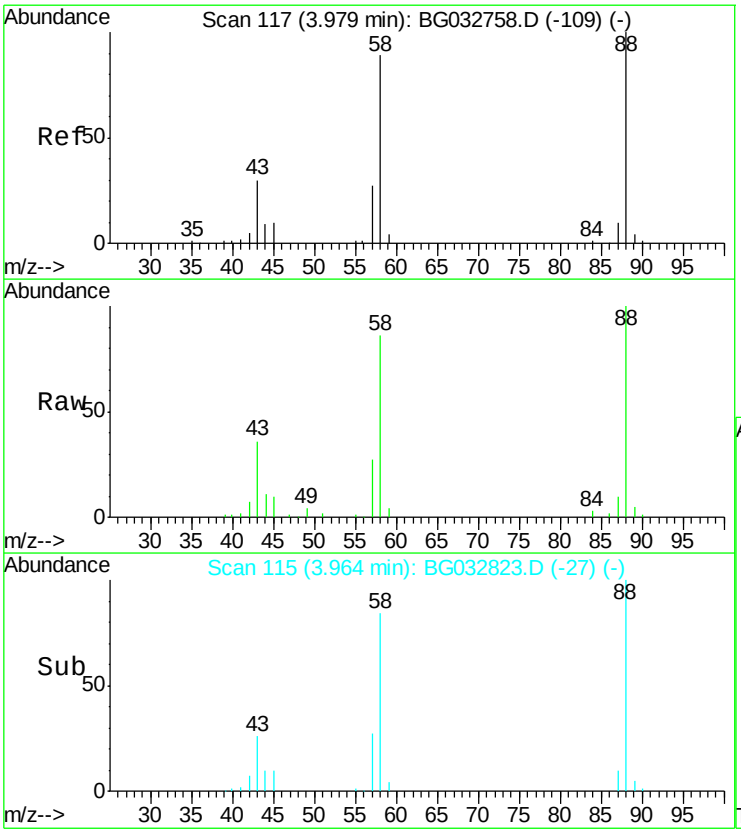
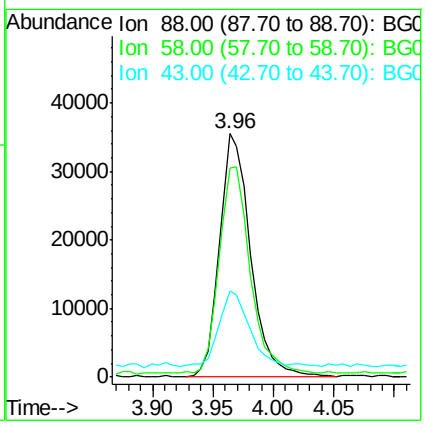
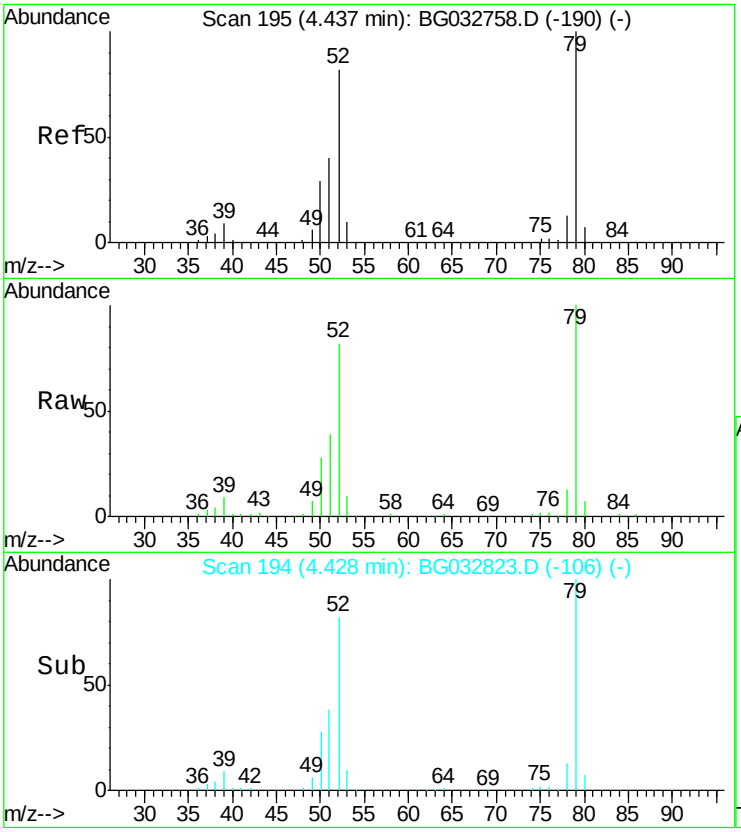


#2
1,4-Dioxane
Concen: 31.272 ng
RT: 3.96 min Scan# 115
Delta R.T. -0.01 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion: 88 Resp: 63454

Ion	Ratio	Lower	Upper
88	100		
58	84.0	79.6	119.4
43	31.0	27.4	41.0

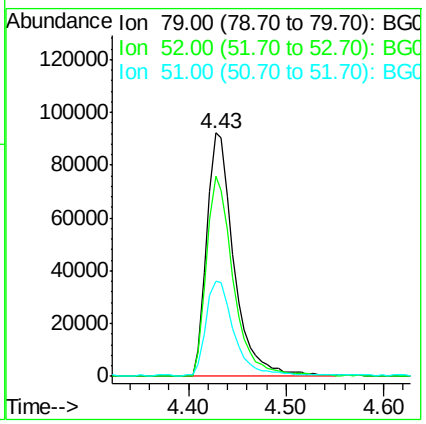




#3
Pyridine
Concen: 31.968 ng
RT: 4.43 min Scan# 194
Delta R.T. -0.01 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion: 79 Resp: 178785

Ion	Ratio	Lower	Upper
79	100		
52	82.0	69.9	104.9
51	39.1	34.0	51.0



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ClientSampleId :
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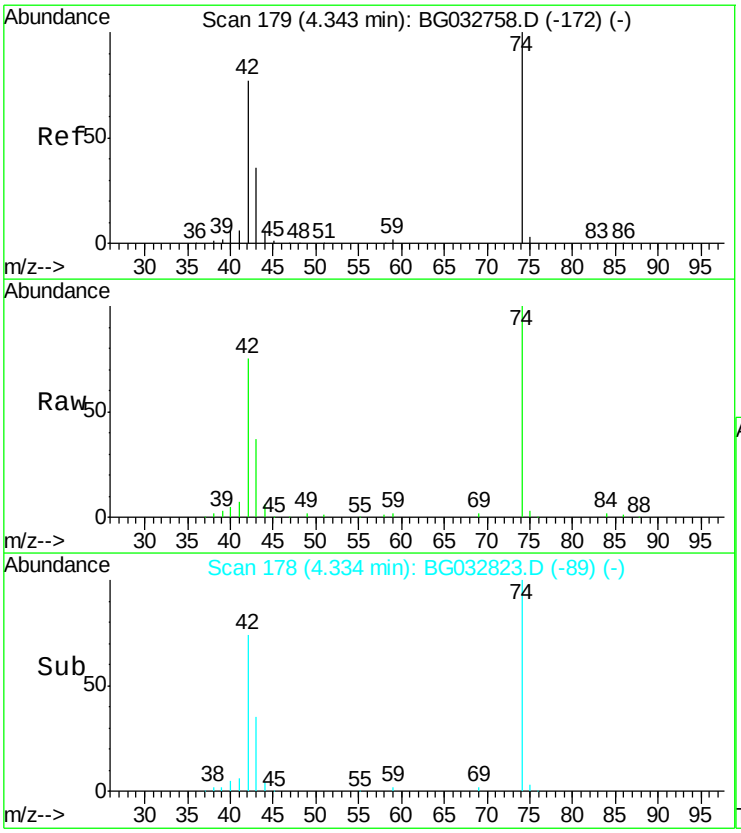
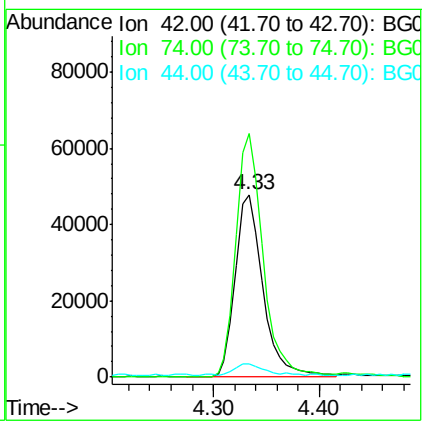
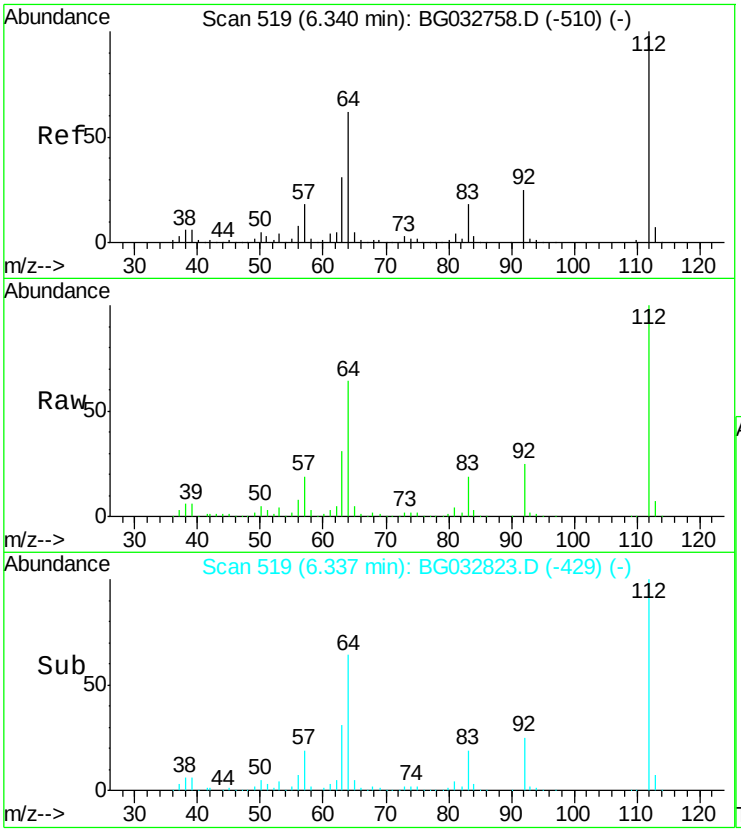


#4
n-Nitrosodimethylamine
Concen: 38.994 ng
RT: 4.33 min Scan# 178
Delta R.T. -0.01 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion: 42 Resp: 87433

Ion	Ratio	Lower	Upper
42	100		
74	133.3	102.5	153.7
44	7.4	18.9	28.3#

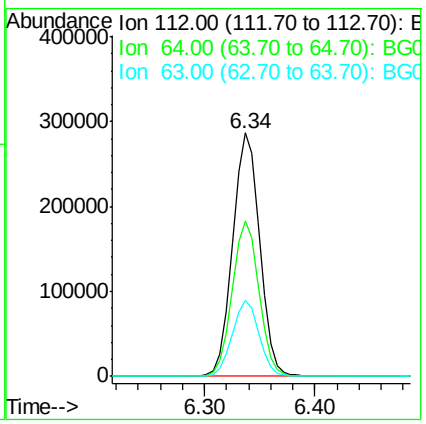




#5
2-Fluorophenol
Concen: 105.402 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:112 Resp: 492797

Ion	Ratio	Lower	Upper
112	100		
64	63.7	56.3	84.5
63	31.3	30.1	45.1



Instrument :
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ClientSampleId :
T-3-ROADMSD

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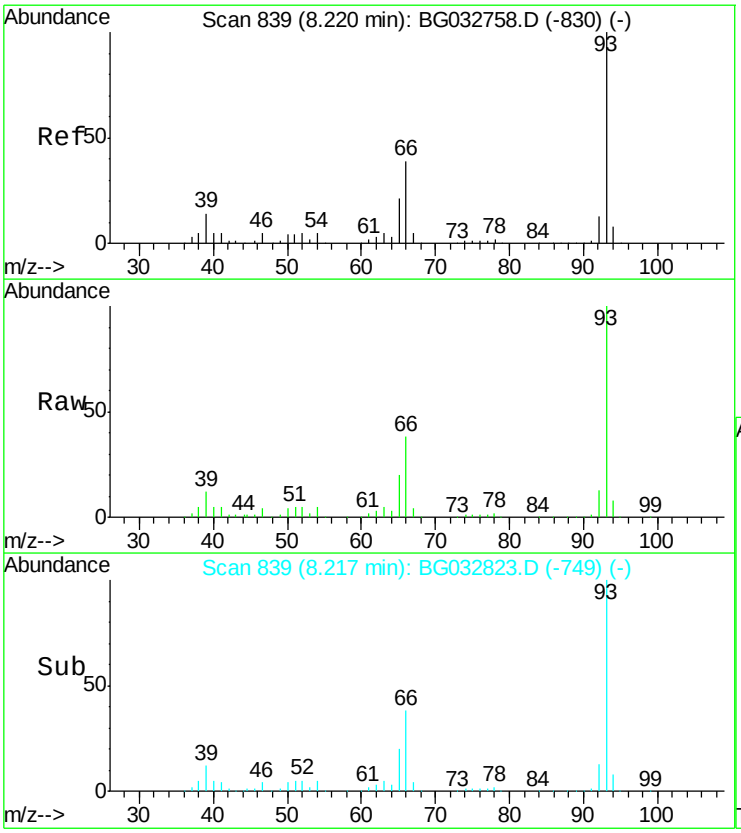
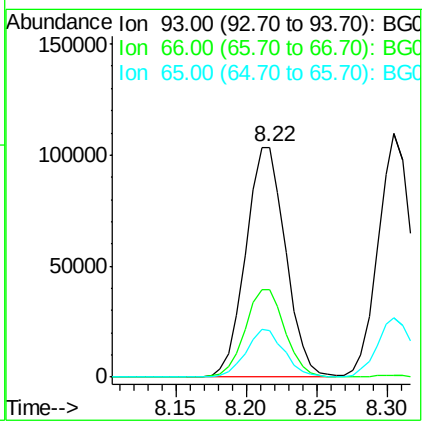
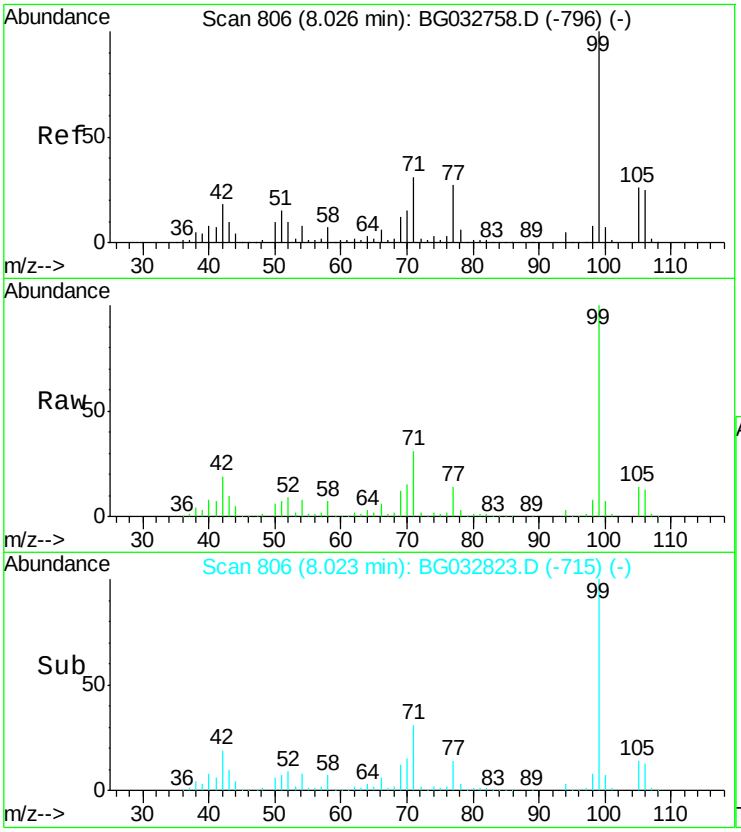


#6
Aniline
Concen: 23.231 ng
RT: 8.22 min Scan# 839
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion: 93 Resp: 204926

Ion	Ratio	Lower	Upper
93	100		
66	38.0	33.7	50.5
65	20.1	16.1	24.1

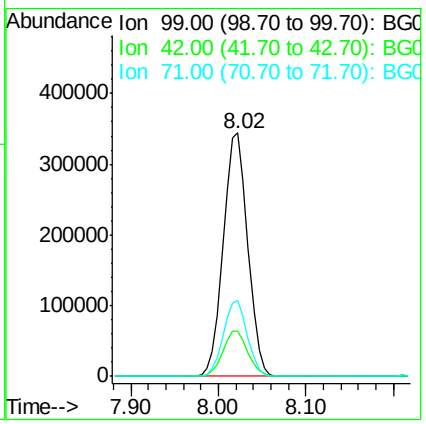




#7
Phenol-d6
Concen: 100.899 ng
RT: 8.02 min Scan# 806
Delta R.T. 0.01 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion: 99 Resp: 657547

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.1	21.1
71	31.3	26.1	39.1



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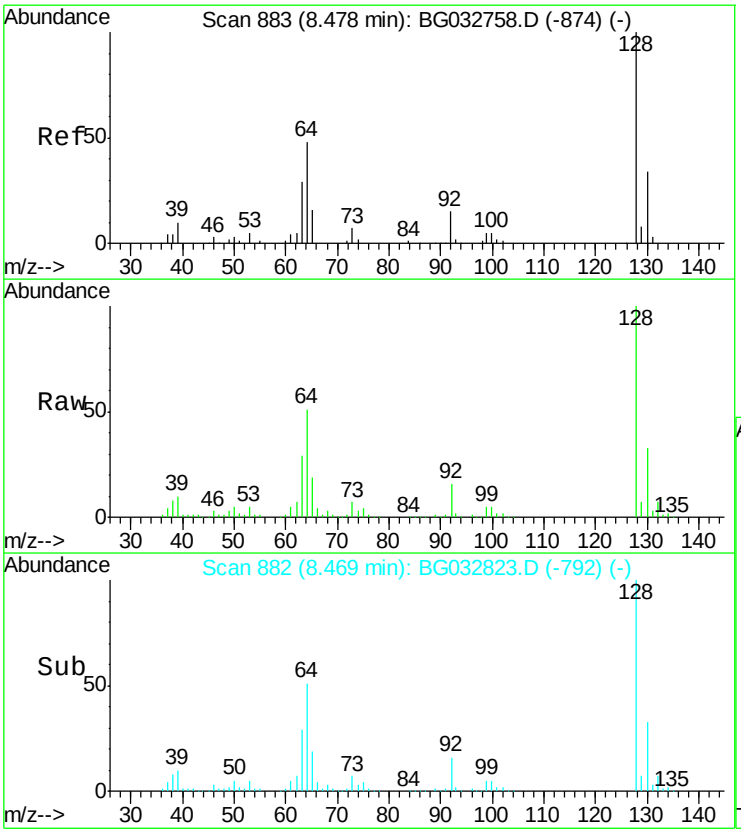
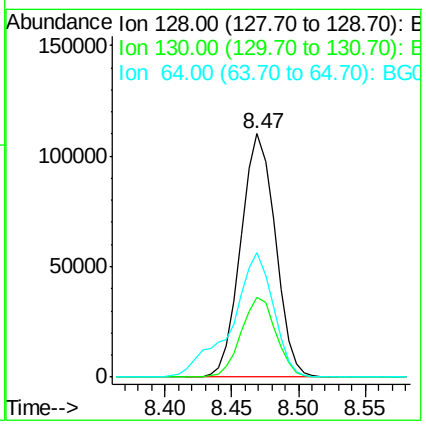
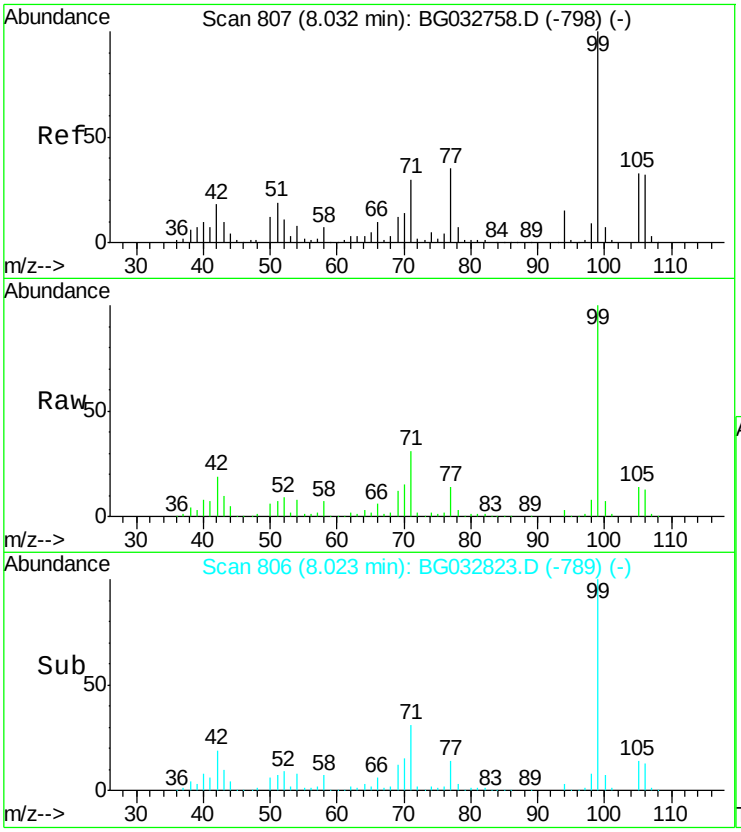


#8
2-Chlorophenol
Concen: 38.489 ng
RT: 8.47 min Scan# 882
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:128 Resp: 196967

Ion	Ratio	Lower	Upper
128	100		
130	32.8	14.0	54.0
64	50.9	37.7	77.7

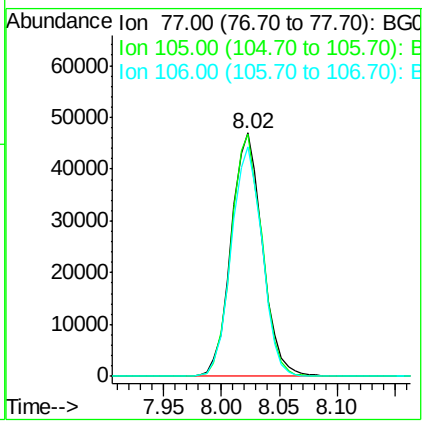




#9
Benzaldehyde
Concen: 23.484 ng
RT: 8.02 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion: 77 Resp: 88204

Ion	Ratio	Lower	Upper
77	100		
105	99.3	71.3	111.3
106	94.1	64.2	104.2



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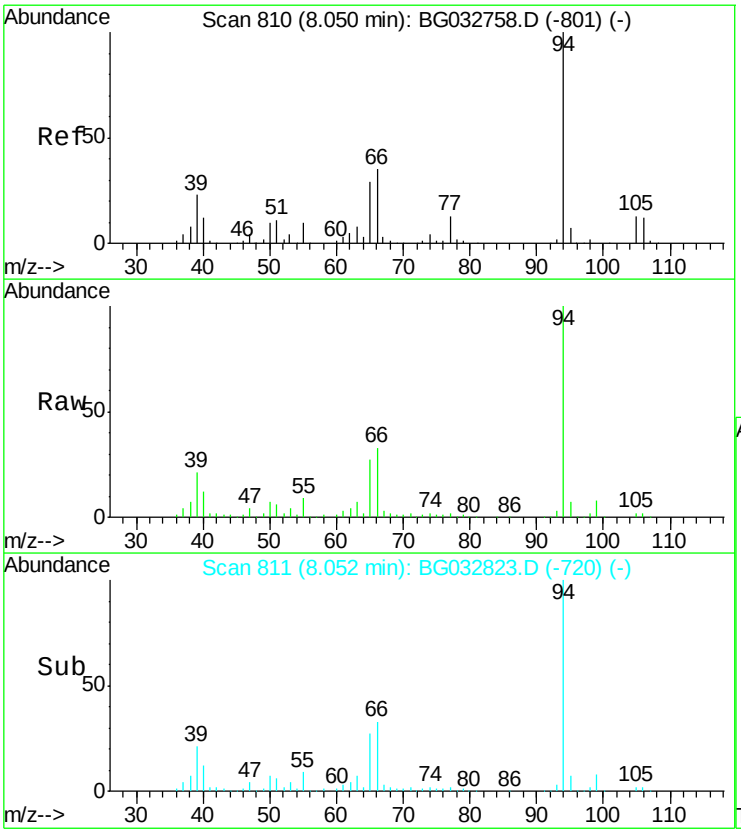
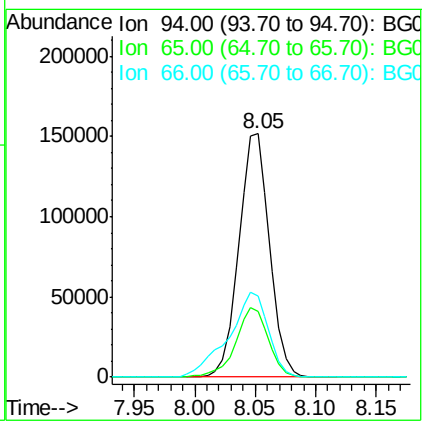
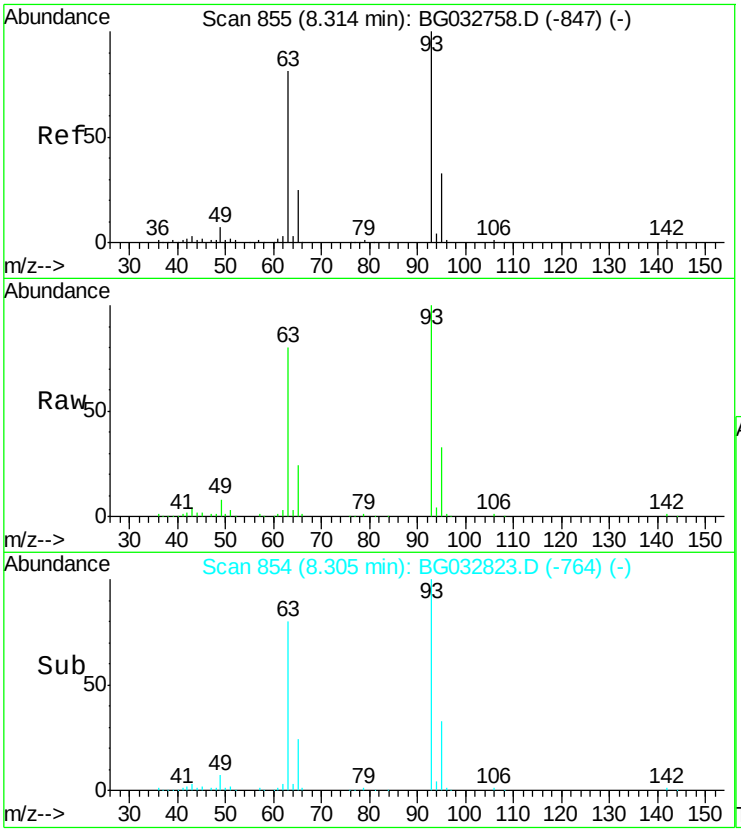


#10
Phenol
Concen: 40.892 ng
RT: 8.05 min Scan# 811
Delta R.T. 0.01 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion: 94 Resp: 268637

Ion	Ratio	Lower	Upper
94	100		
65	27.1	11.9	51.9
66	33.3	22.2	62.2

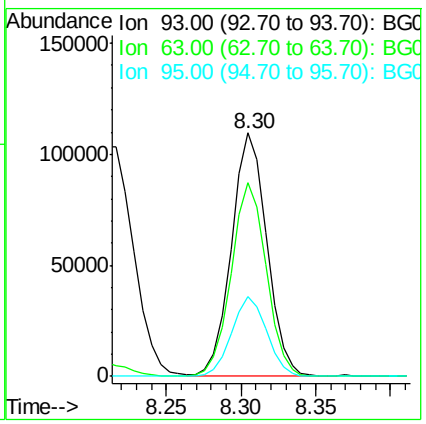




#11
bis(2-Chloroethyl)ether
Concen: 33.489 ng
RT: 8.30 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion: 93 Resp: 179896

Ion	Ratio	Lower	Upper
93	100		
63	79.7	67.1	107.1
95	32.6	11.5	51.5



Instrument :
BNA_G
ClientSampleId :
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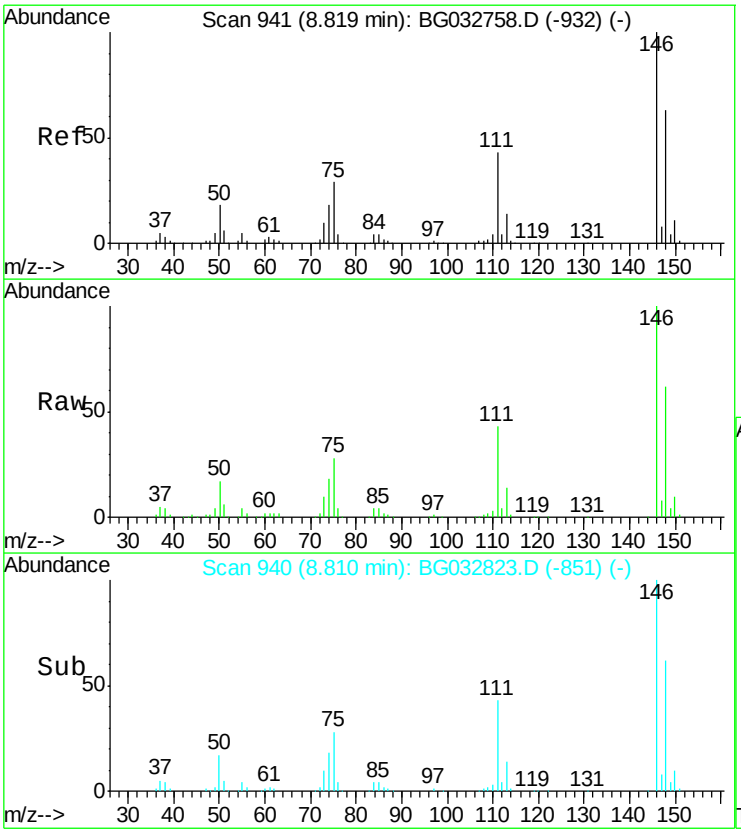
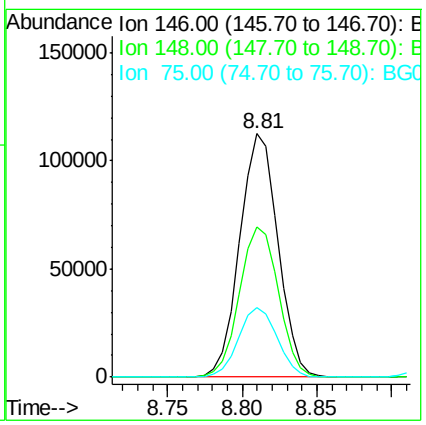
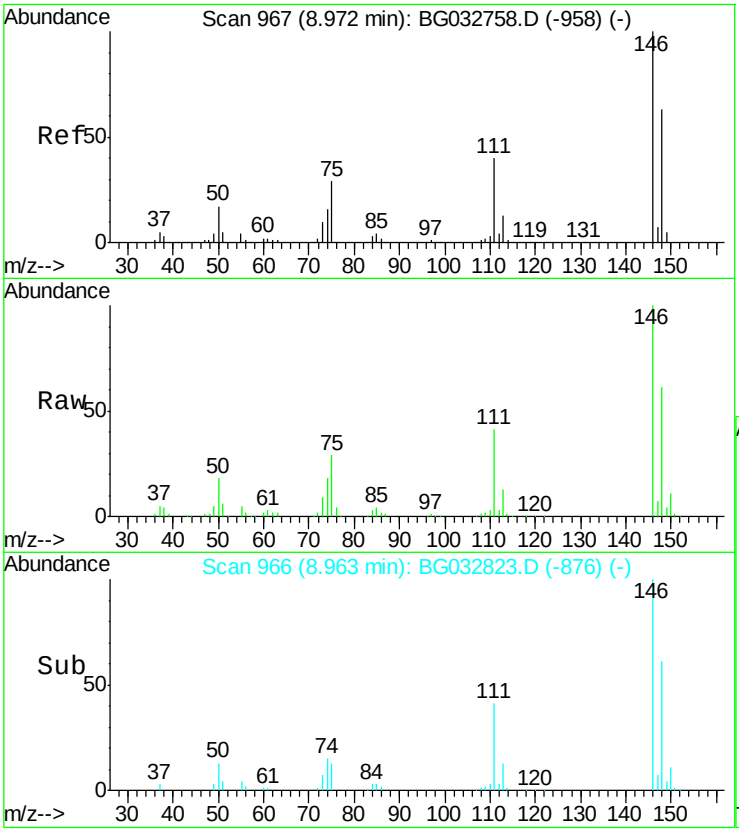


#12
1,3-Dichlorobenzene
Concen: 33.153 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.01 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:146 Resp: 198719

Ion	Ratio	Lower	Upper
146	100		
148	61.6	51.4	77.2
75	28.4	26.6	39.8

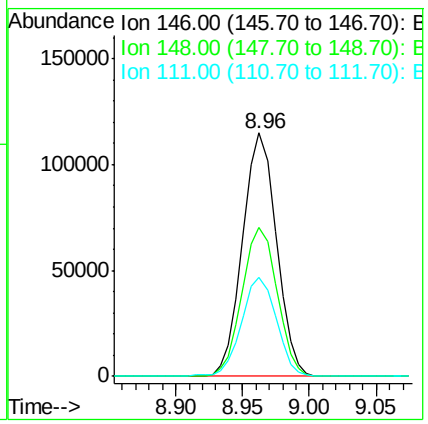




#13
1,4-Dichlorobenzene
Concen: 33.495 ng
RT: 8.96 min Scan# 966
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:146 Resp: 202089

Ion	Ratio	Lower	Upper
146	100		
148	60.9	53.7	80.5
111	40.8	35.2	52.8



Instrument :
BNA_G
ClientSampleId :
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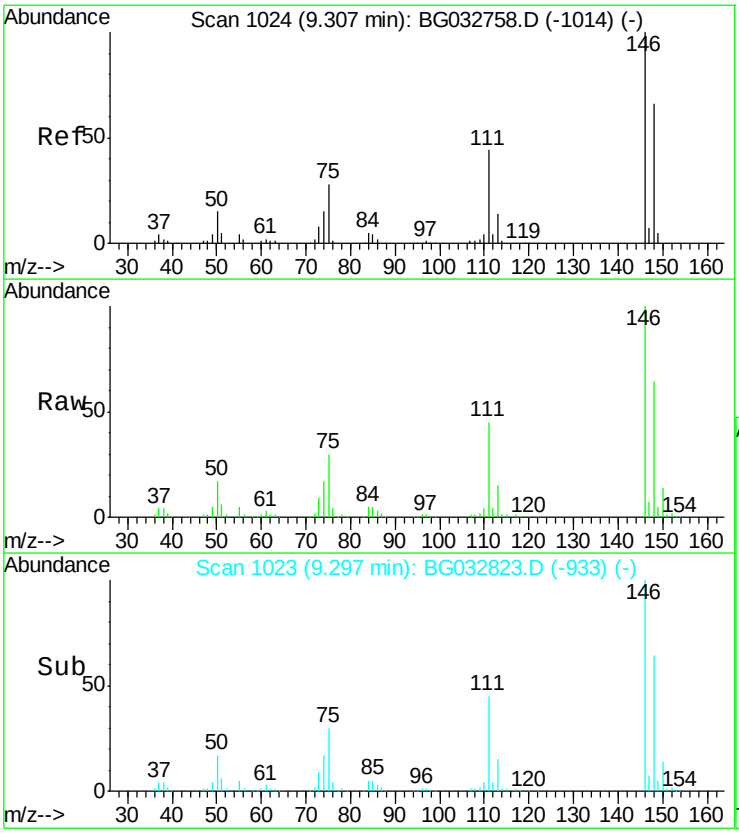
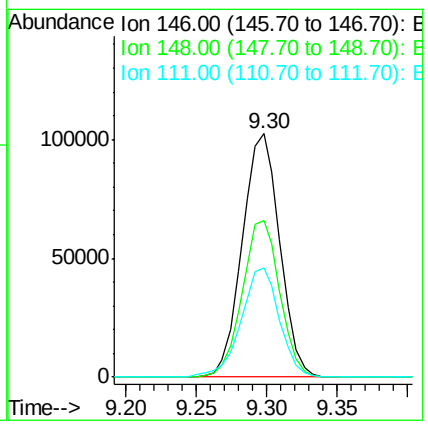
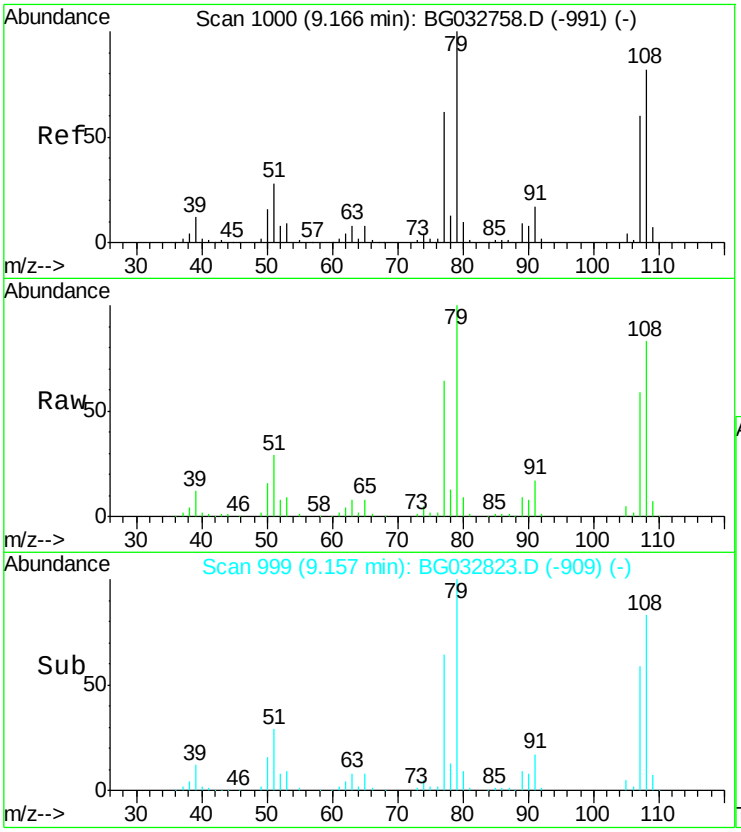


#14
1,2-Dichlorobenzene
Concen: 32.832 ng
RT: 9.30 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:146 Resp: 189826

Ion	Ratio	Lower	Upper
146	100		
148	64.3	49.3	73.9
111	44.7	34.3	51.5

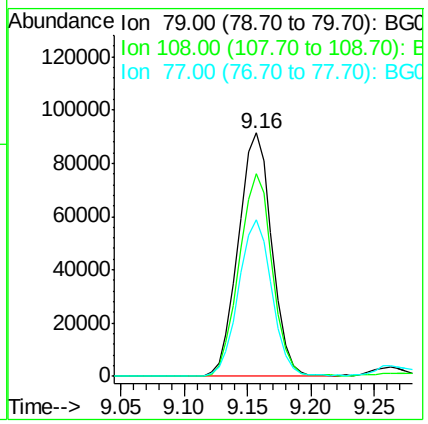




#15
Benzyl Alcohol
Concen: 35.002 ng
RT: 9.16 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion: 79 Resp: 167692

Ion	Ratio	Lower	Upper
79	100		
108	83.2	57.2	85.8
77	64.1	46.1	69.1



Instrument :
BNA_G
ClientSampleId :
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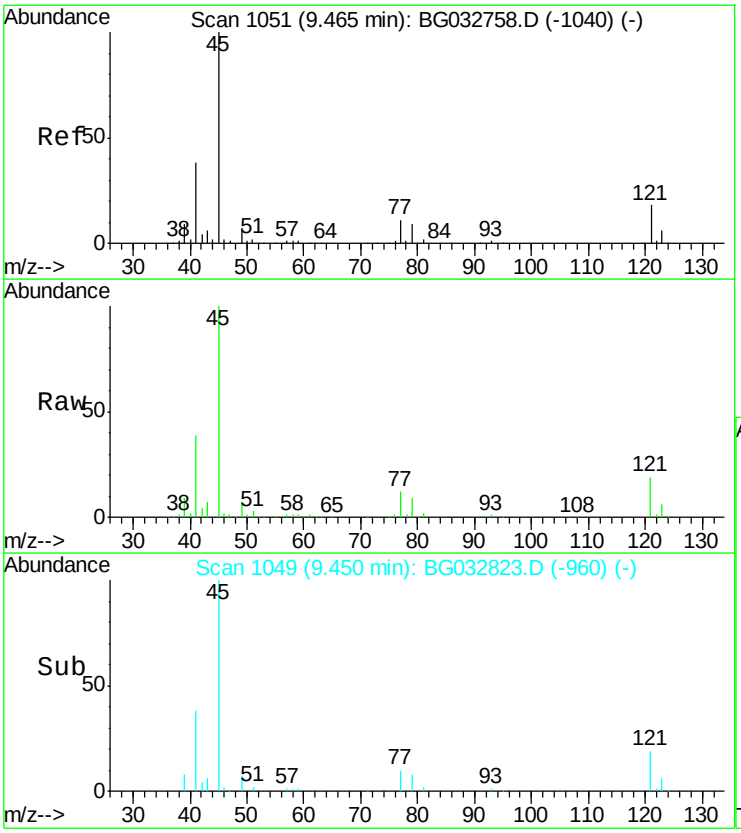
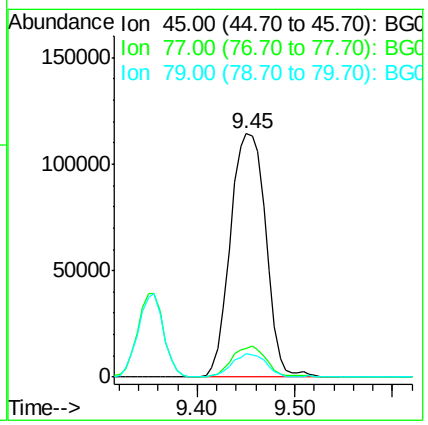
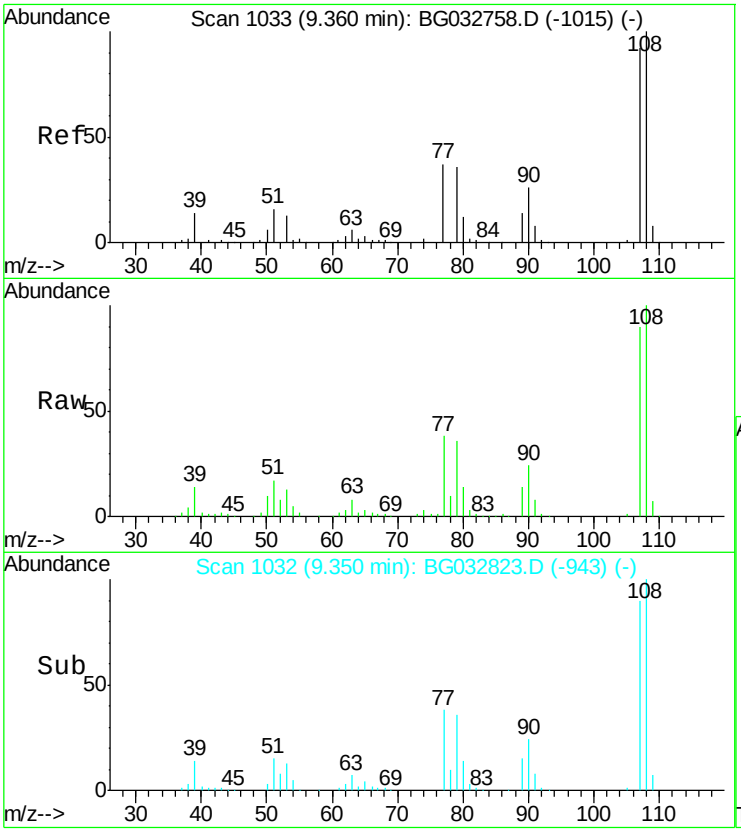


#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.301 ng
RT: 9.45 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion: 45 Resp: 289053

Ion	Ratio	Lower	Upper
45	100		
77	11.6	0.0	30.2
79	9.5	0.0	27.9

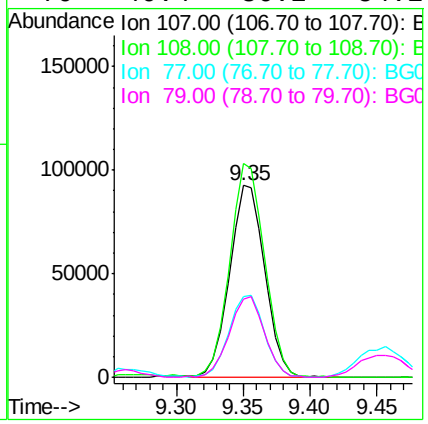




#17
2-Methylphenol
Concen: 35.082 ng
RT: 9.35 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:107 Resp: 169948

Ion	Ratio	Lower	Upper
107	100		
108	111.4	83.9	125.9
77	42.1	37.2	55.8
79	40.4	36.2	54.2



Instrument :
BNA_G
ClientSampleId :
T-3-ROADMSD

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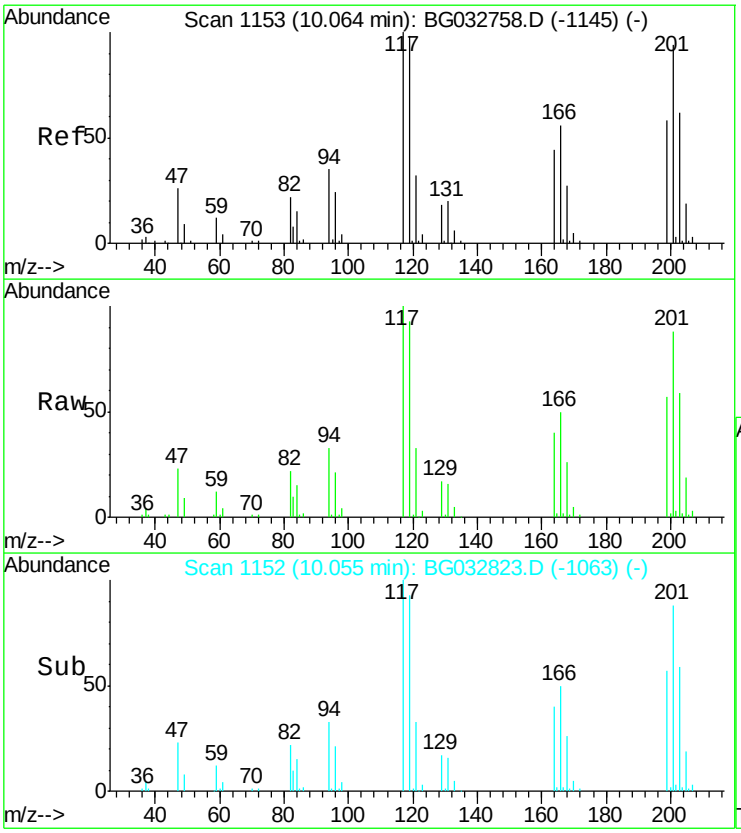
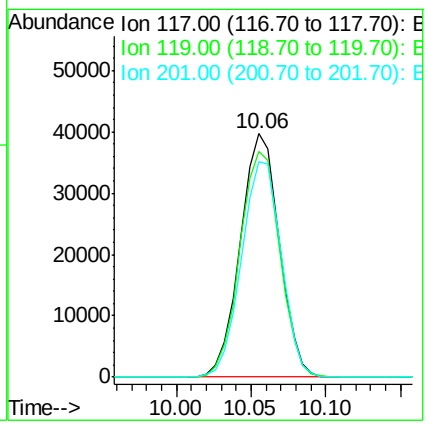
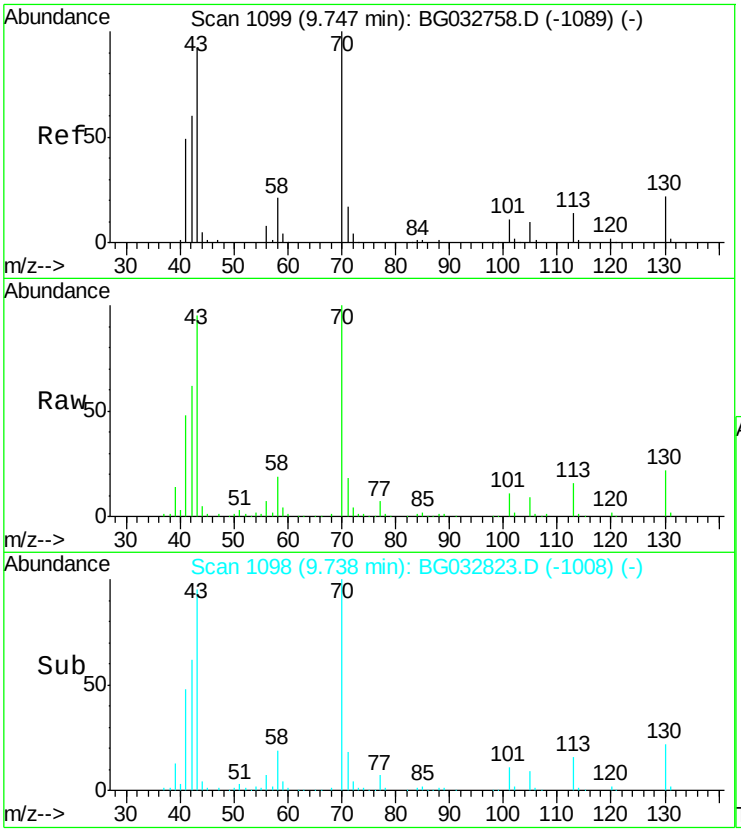


#18
Hexachloroethane
Concen: 34.969 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:117 Resp: 71836

Ion	Ratio	Lower	Upper
117	100		
119	92.7	76.7	115.1
201	88.4	95.7	143.5#

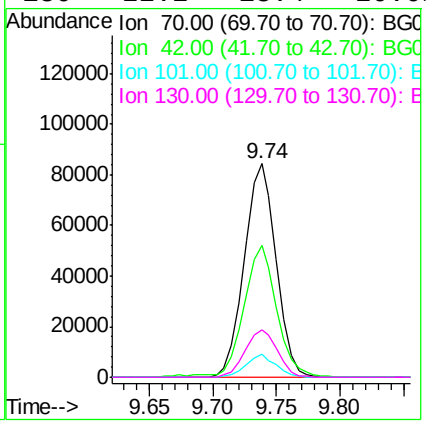




#19
n-Nitroso-di-n-propylamine
Concen: 31.933 ng
RT: 9.74 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion: 70 Resp: 146917

Ion	Ratio	Lower	Upper
70	100		
42	62.0	49.1	73.7
101	10.5	8.5	12.7
130	22.2	13.4	20.0#



Instrument :
BNA_G
ClientSampleId :
T-3-ROADMSD

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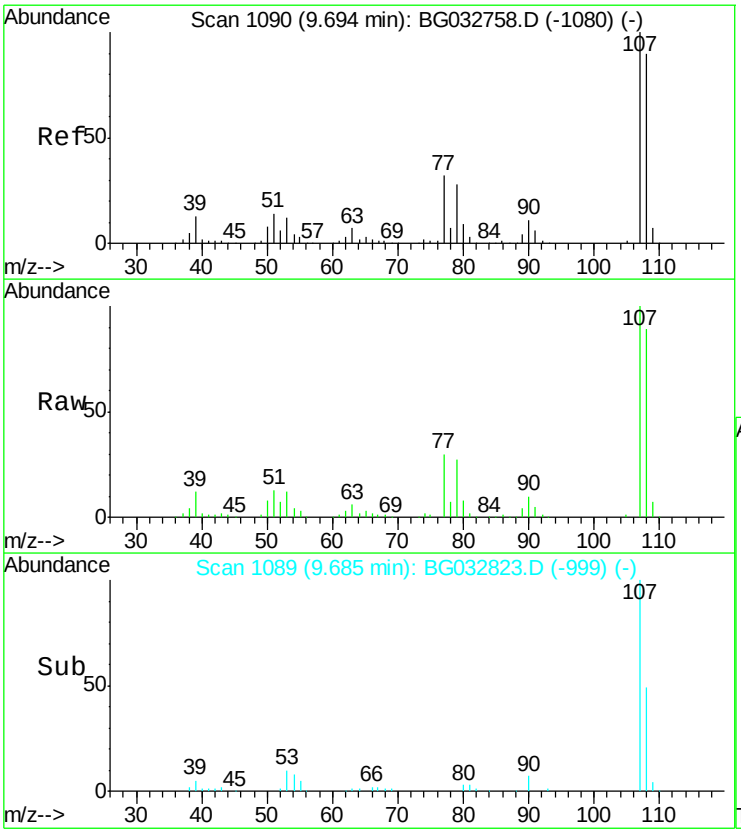
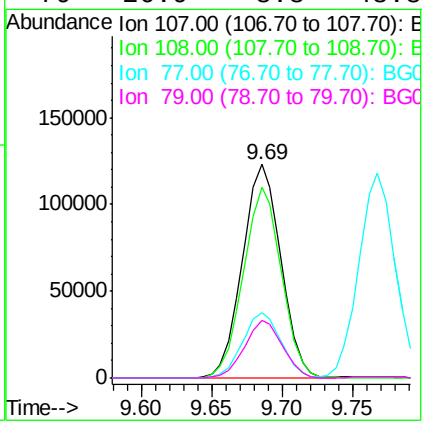
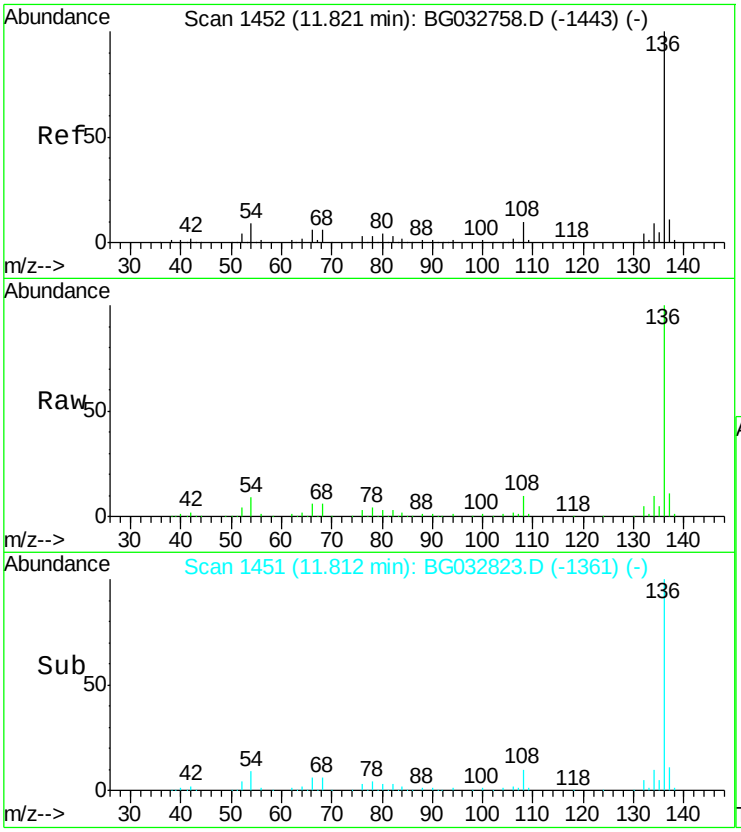


#20
3+4-Methylphenols
Concen: 34.912 ng
RT: 9.69 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:107 Resp: 235158

Ion	Ratio	Lower	Upper
107	100		
108	89.3	61.6	101.6
77	30.5	13.9	53.9
79	26.9	8.8	48.8

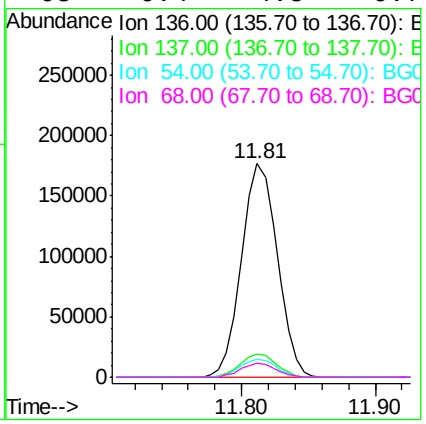




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:136 Resp: 328606

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	8.7	10.3	15.5#
68	6.4	4.5	6.7



Instrument :
BNA_G
ClientSampleId :
T-3-ROADMSD

Manual Integrations APPROVED
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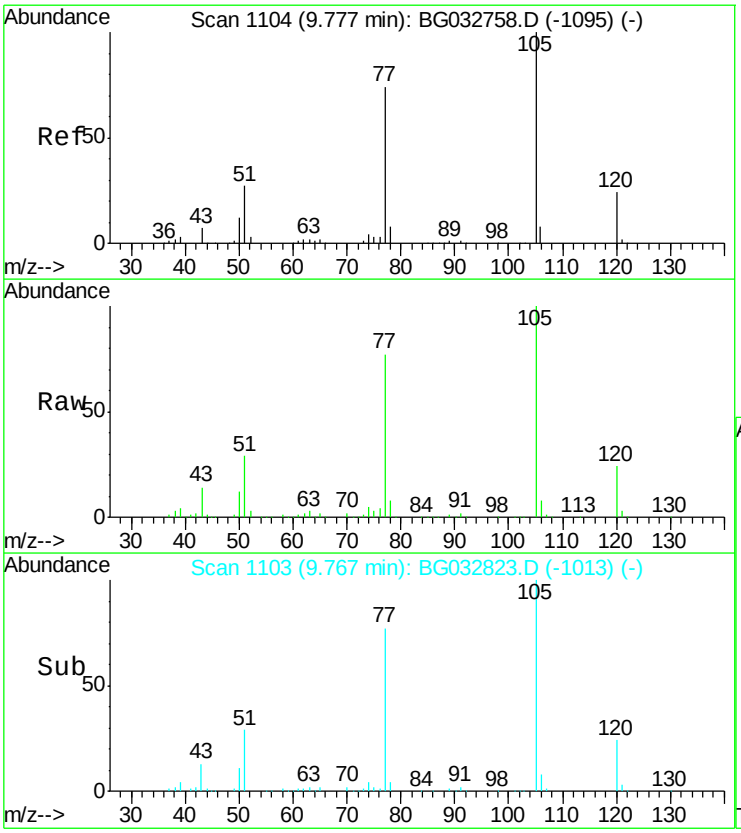
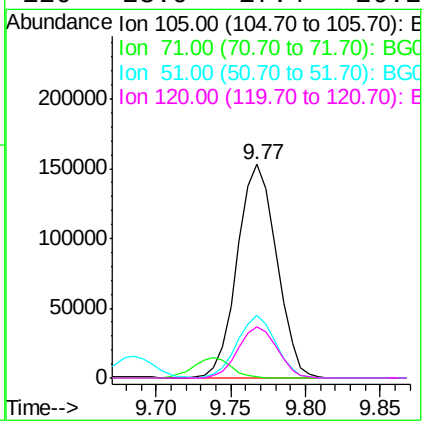
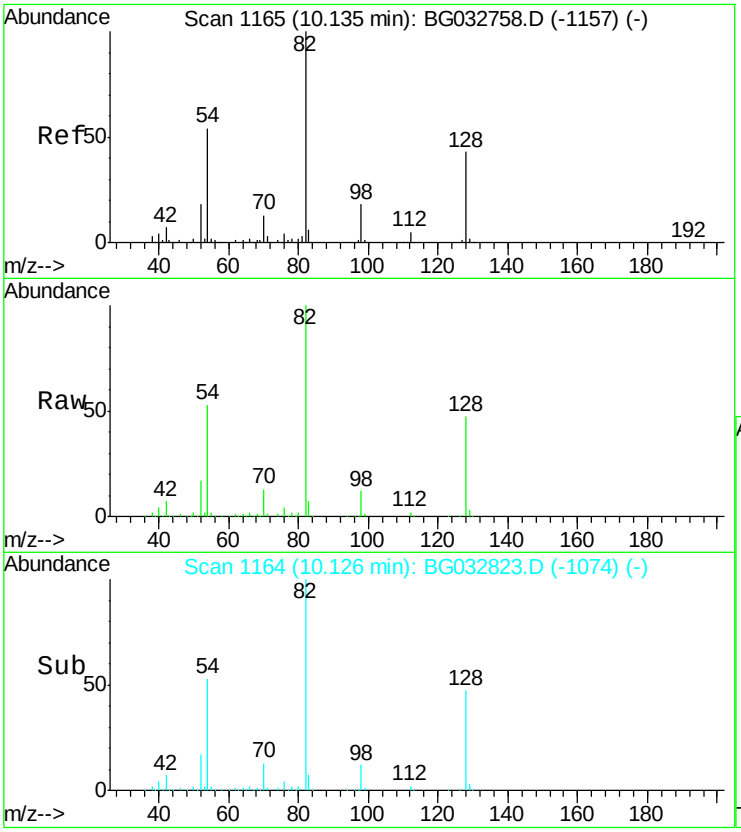


#22
Acetophenone
Concen: 33.768 ng
RT: 9.77 min Scan# 1103
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:105 Resp: 280239

Ion	Ratio	Lower	Upper
105	100		
71	0.3	3.0	4.4#
51	29.5	26.1	39.1
120	23.9	17.4	26.2

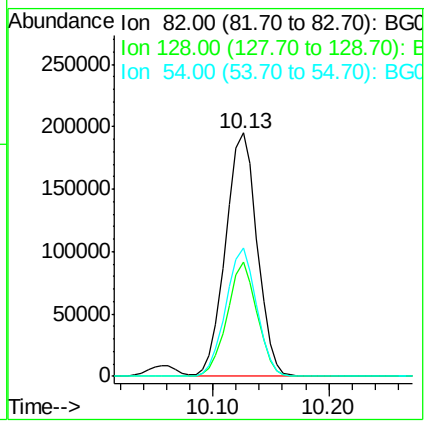




#23
Nitrobenzene-d5
Concen: 78.680 ng
RT: 10.13 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion: 82 Resp: 368620

Ion	Ratio	Lower	Upper
82	100		
128	47.1	29.7	44.5#
54	52.7	43.1	64.7



Instrument :
BNA_G
ClientSampleId :
T-3-ROADMSD

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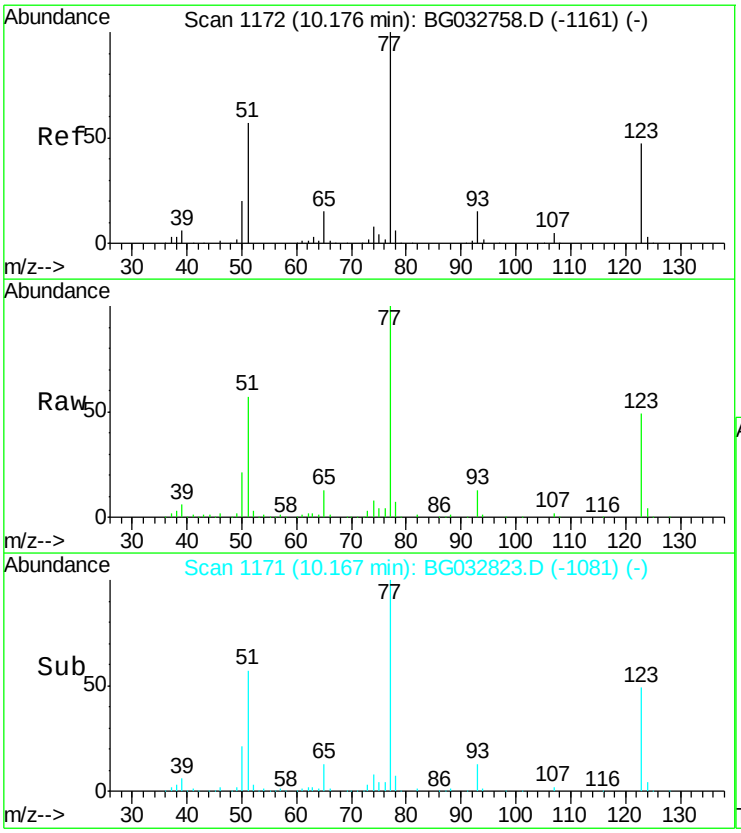
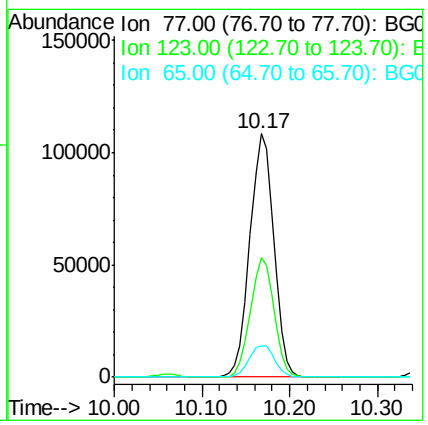
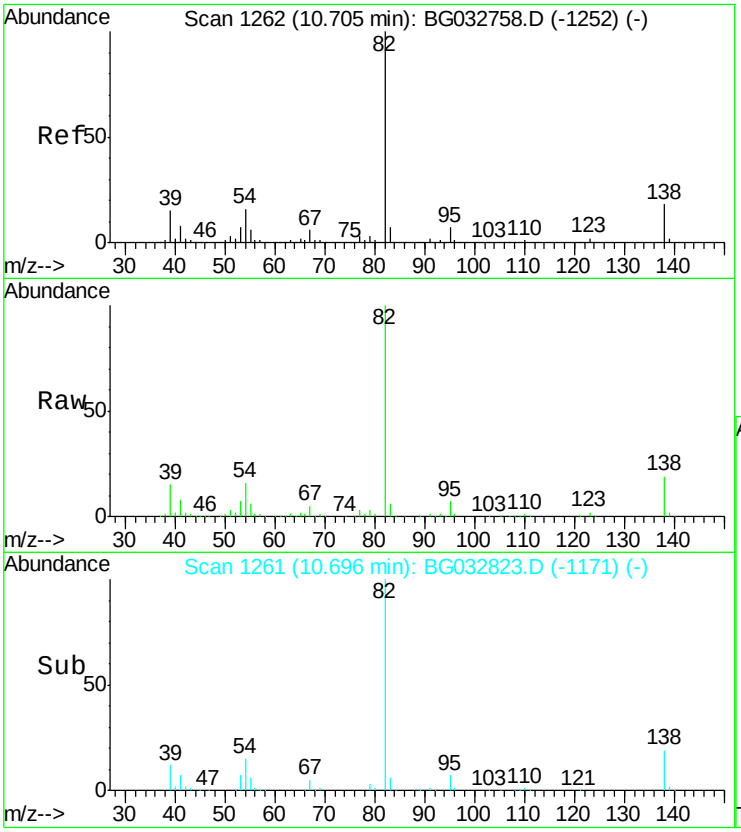


#24
Nitrobenzene
Concen: 39.676 ng
RT: 10.17 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion: 77 Resp: 201233

Ion	Ratio	Lower	Upper
77	100		
123	49.1	33.0	49.6
65	13.0	13.0	19.6#





#25
Isophorone
Concen: 35.148 ng
RT: 10.70 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion: 82 Resp: 405390

Ion	Ratio	Lower	Upper
82	100		
95	6.9	6.2	9.2
138	18.7	12.1	18.1#

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMSD

Manual Integrations APPROVED
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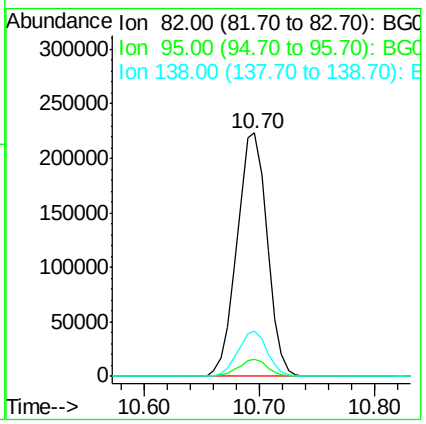
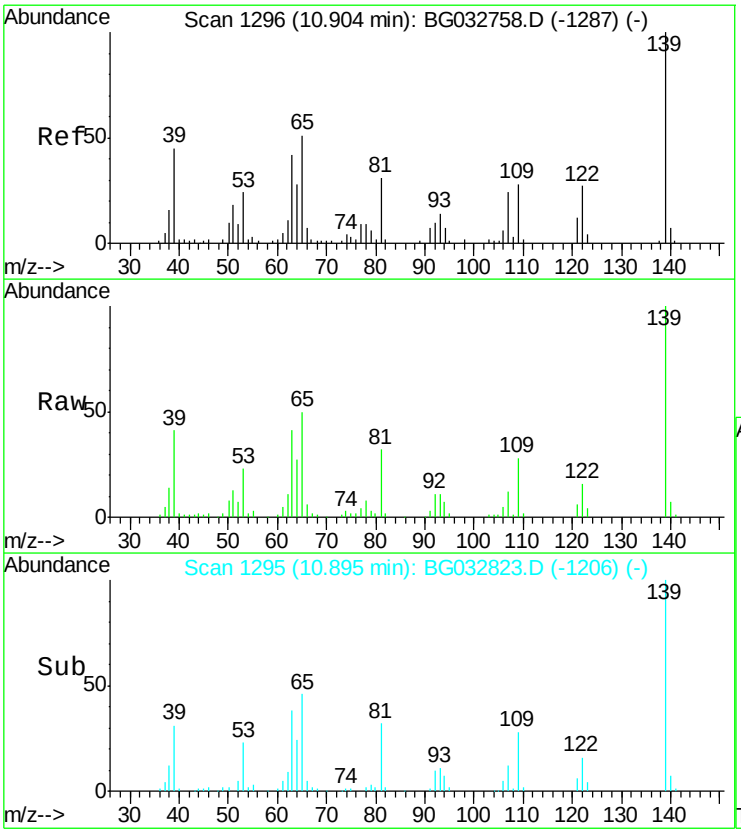
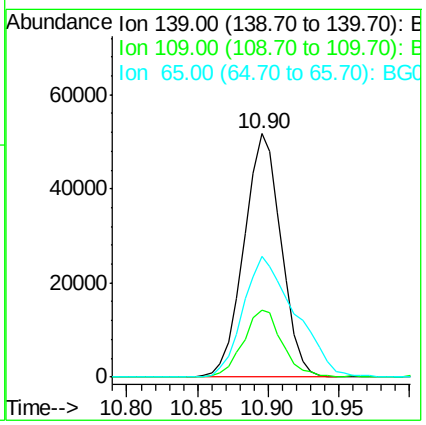


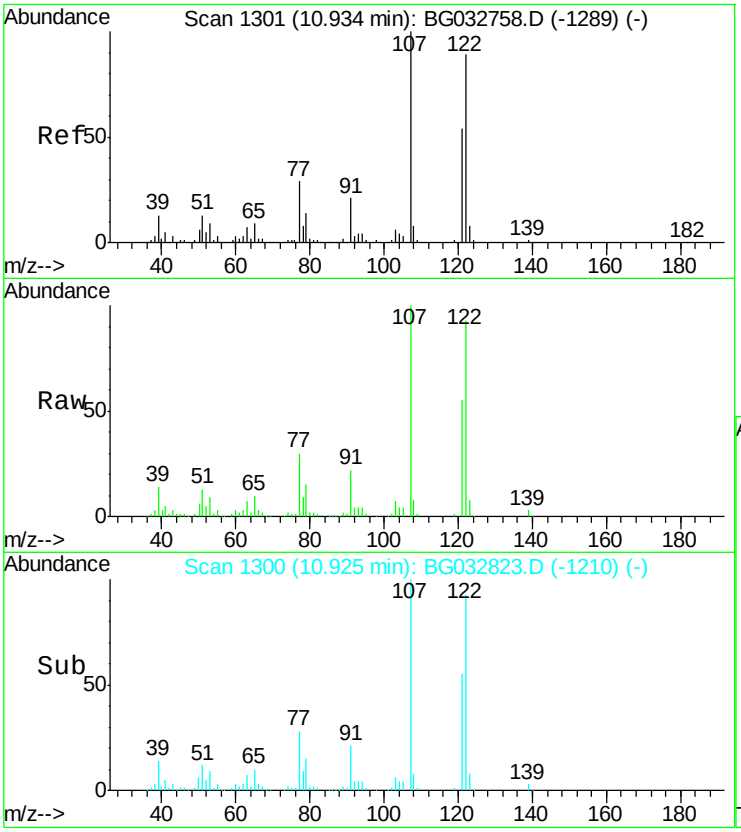


#26
2-Nitrophenol
Concen: 50.602 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:139 Resp: 95369

Ion	Ratio	Lower	Upper
139	100		
109	27.7	24.2	36.2
65	49.5	47.4	71.0





#27
2,4-Dimethylphenol
Concen: 43.809 ng
RT: 10.92 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:122 Resp: 219505

Ion	Ratio	Lower	Upper
122	100		
107	107.2	100.2	150.2
121	59.3	44.4	66.6

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMSD

Manual Integrations APPROVED
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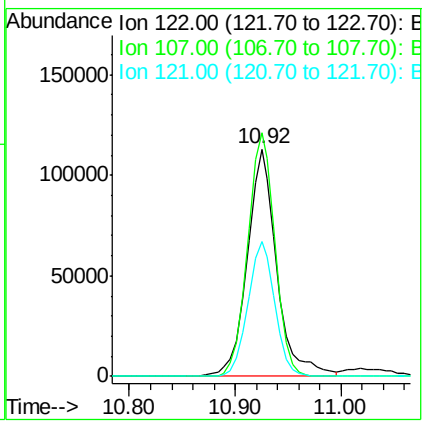
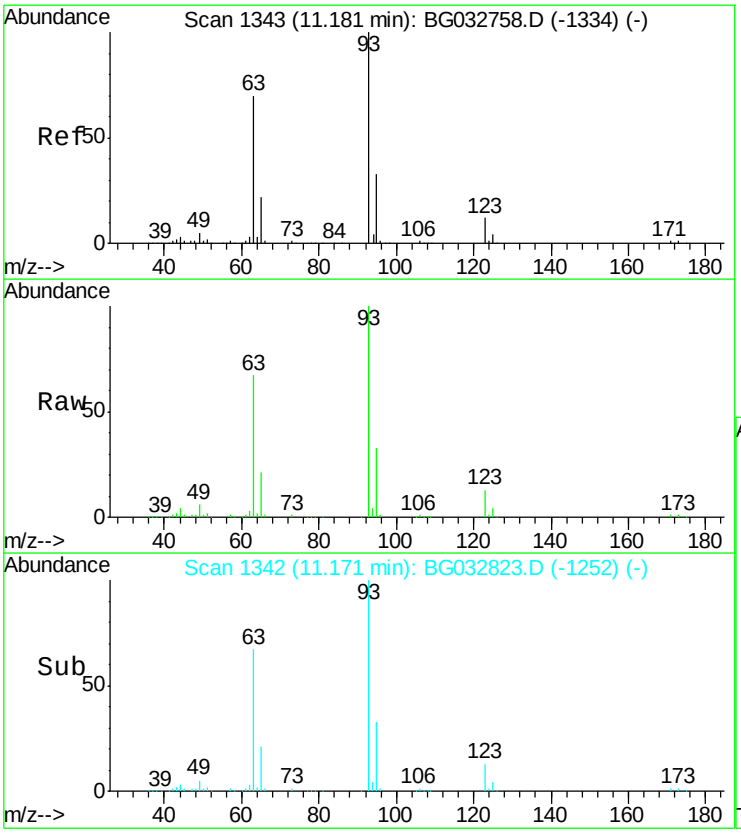
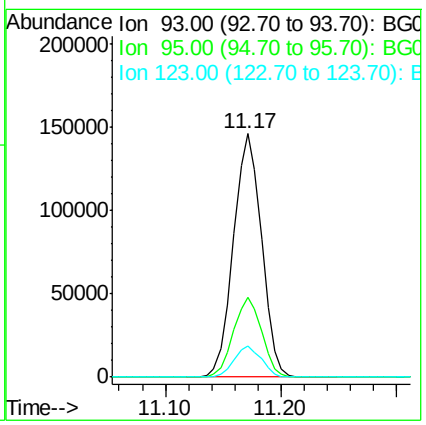


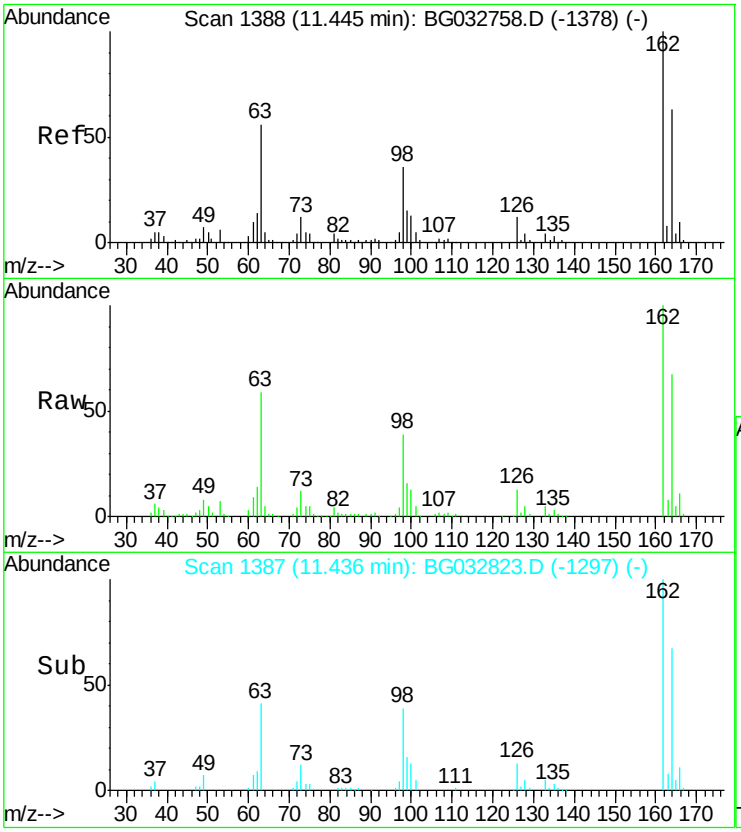


#28
bis(2-Chloroethoxy)methane
Concen: 36.680 ng
RT: 11.17 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion: 93 Resp: 246458

Ion	Ratio	Lower	Upper
93	100		
95	32.6	24.3	36.5
123	12.6	8.4	12.6#

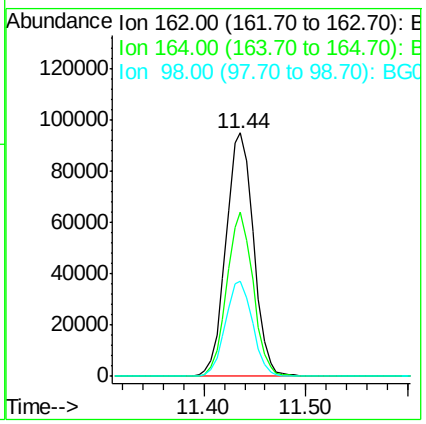




#29
2,4-Dichlorophenol
Concen: 39.391 ng
RT: 11.44 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:162 Resp: 179130

Ion	Ratio	Lower	Upper
162	100		
164	67.3	48.0	88.0
98	39.2	21.1	61.1



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BNA_G
ClientSampleId :
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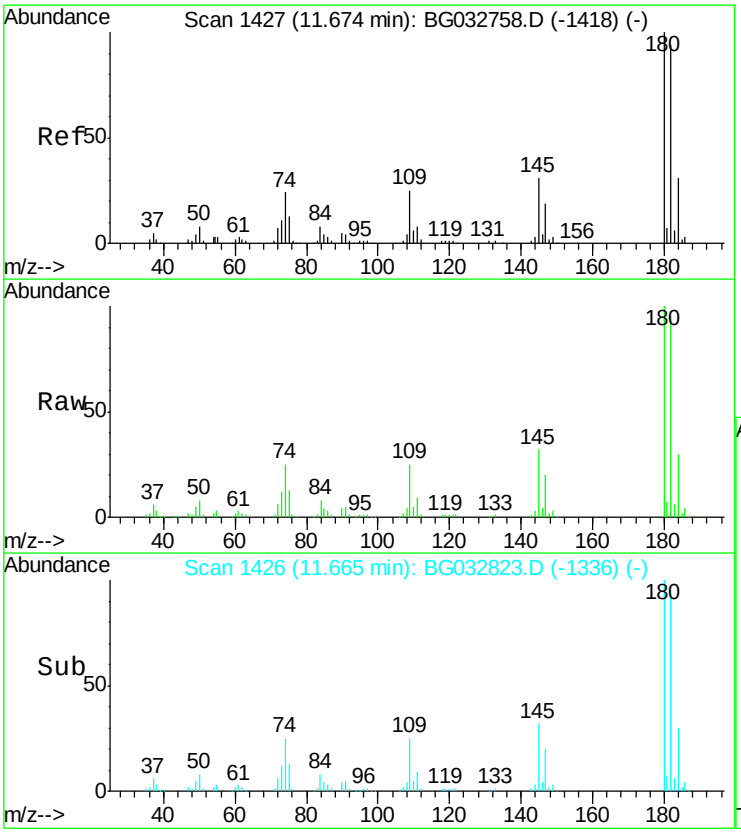
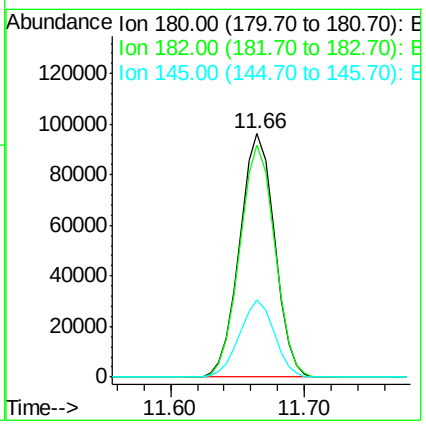
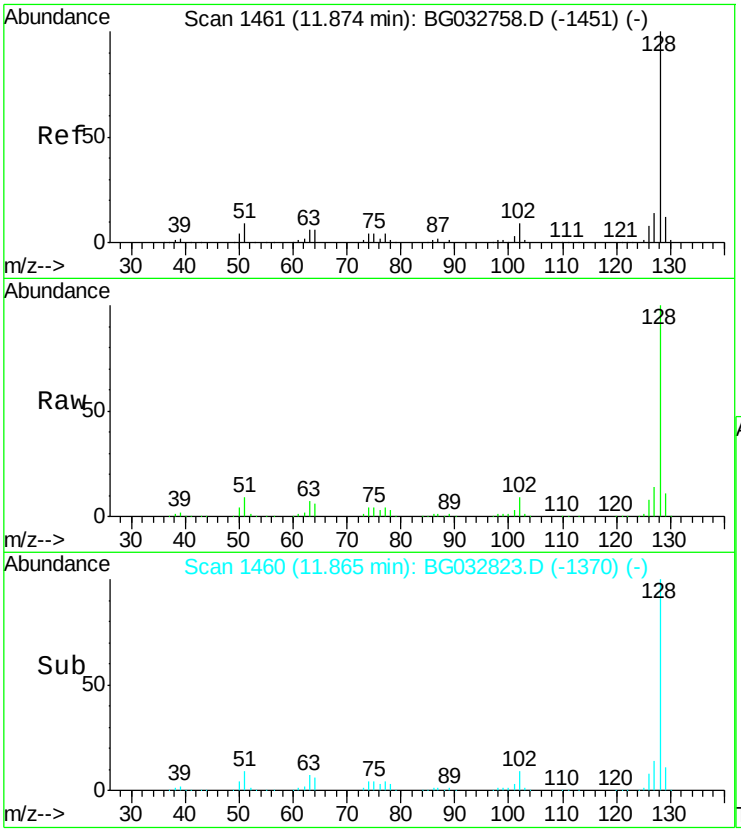


#30
1,2,4-Trichlorobenzene
Concen: 32.652 ng
RT: 11.66 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:180 Resp: 174054

Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.5	116.3
145	31.8	23.4	35.2

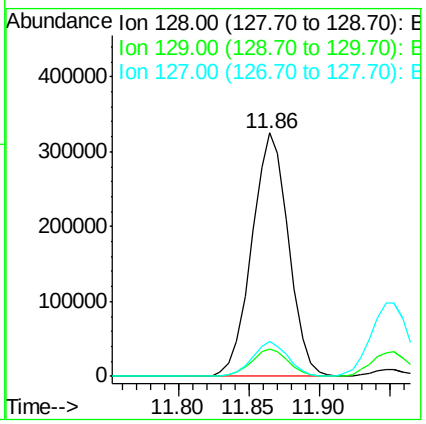




#31
Naphthalene
Concen: 34.402 ng
RT: 11.86 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:128 Resp: 590721

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	14.4	11.6	17.4



Instrument :
BNA_G
ClientSampleId :
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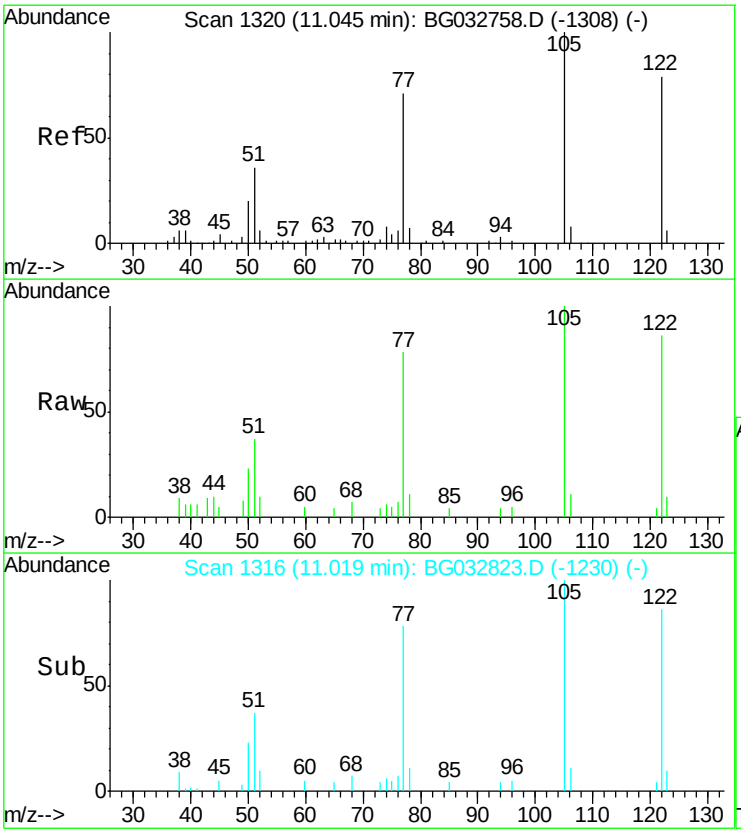
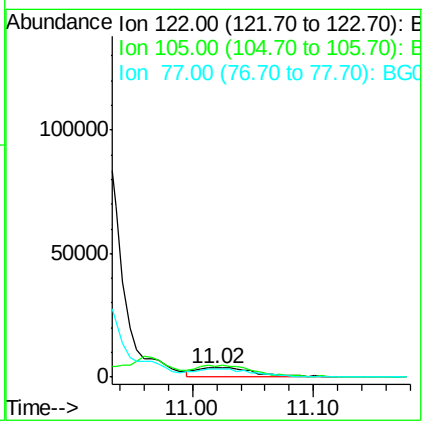
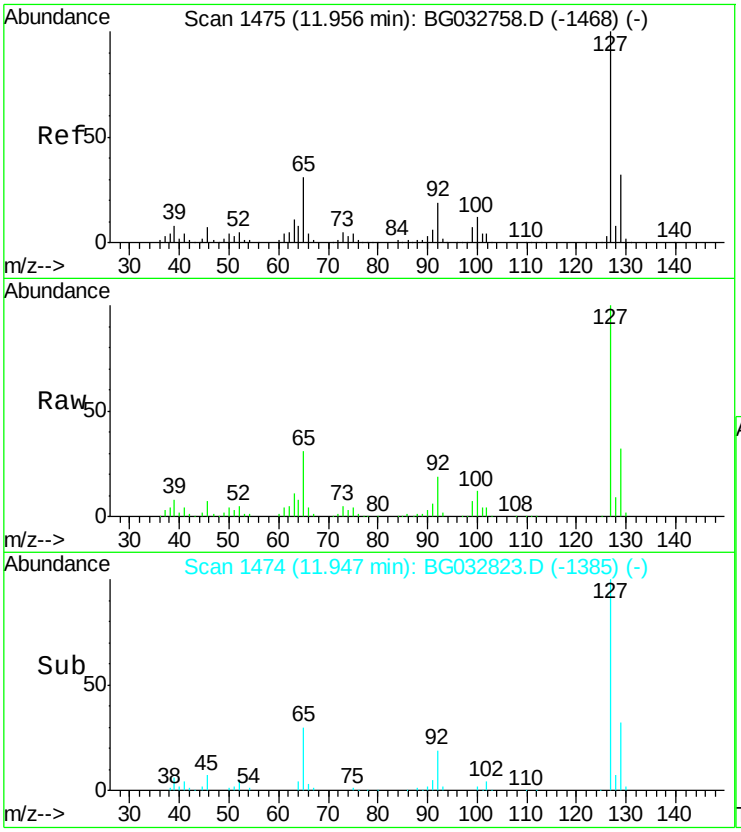


#32
Benzoic acid
Concen: 10.246 ng
RT: 11.02 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:122 Resp: 11746

Ion	Ratio	Lower	Upper
122	100		
105	116.2	123.5	163.5#
77	91.0	85.7	125.7

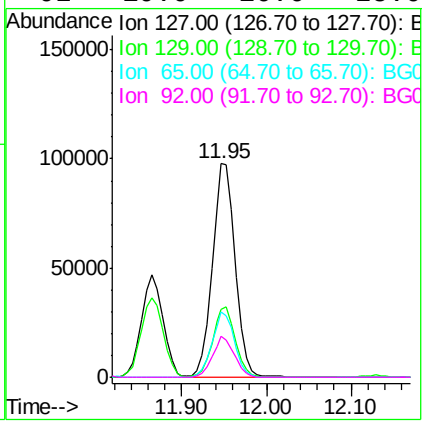




#33
4-Chloroaniline
Concen: 24.016 ng
RT: 11.95 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:127 Resp: 184383

Ion	Ratio	Lower	Upper
127	100		
129	31.6	24.0	36.0
65	30.7	27.0	40.4
92	19.0	16.6	25.0



Instrument :
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ClientSampleId :
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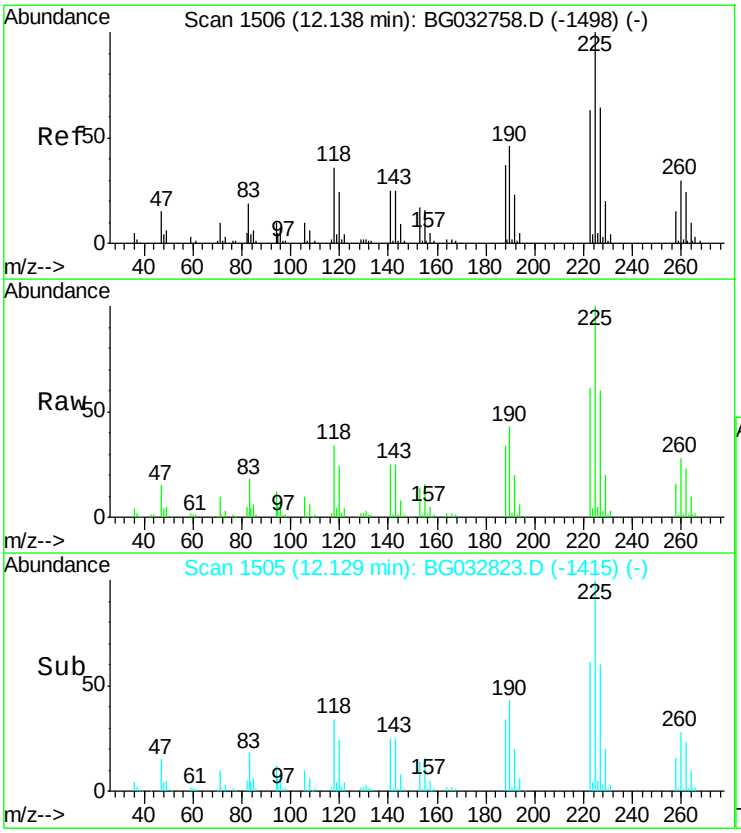
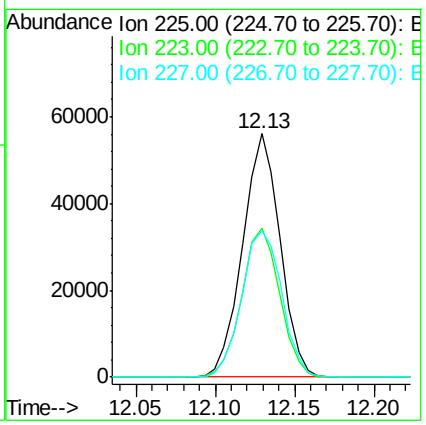
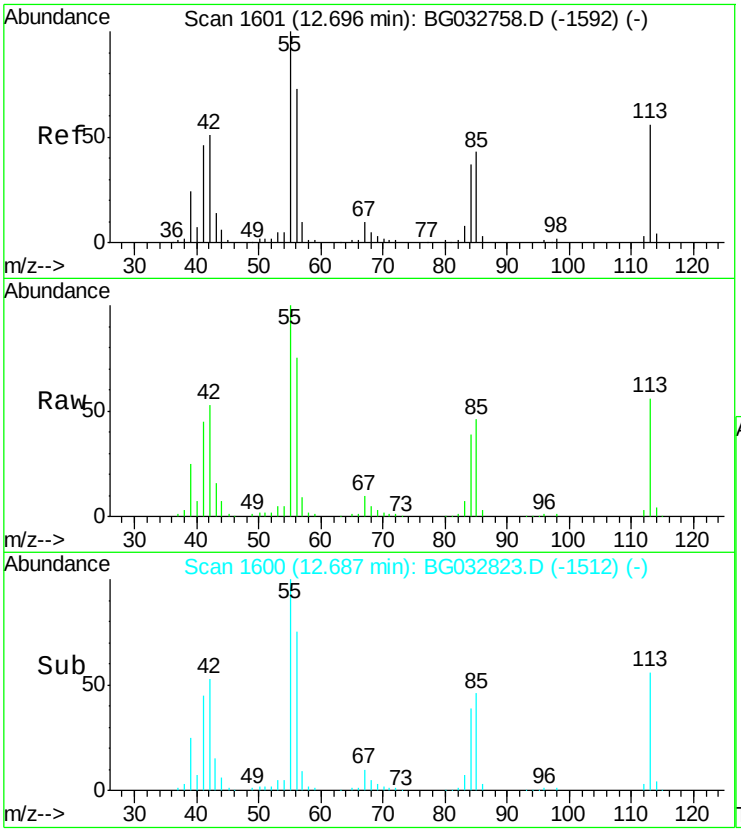


#34
Hexachlorobutadiene
Concen: 30.825 ng
RT: 12.13 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:225 Resp: 92168

Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.7	74.5
227	60.3	48.1	72.1

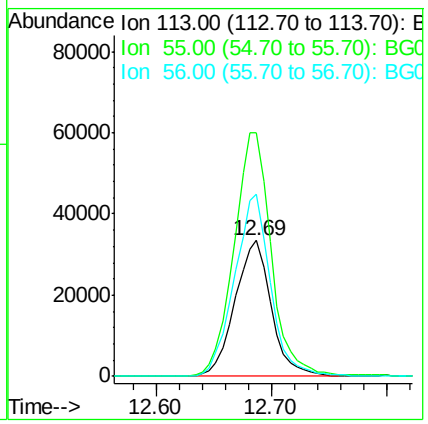




#35
Caprolactam
Concen: 39.994 ng
RT: 12.69 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:113 Resp: 72824

Ion	Ratio	Lower	Upper
113	100		
55	179.4	186.9	226.9#
56	134.4	130.9	170.9



Instrument :
BNA_G
ClientSampleId :
T-3-ROADMSD

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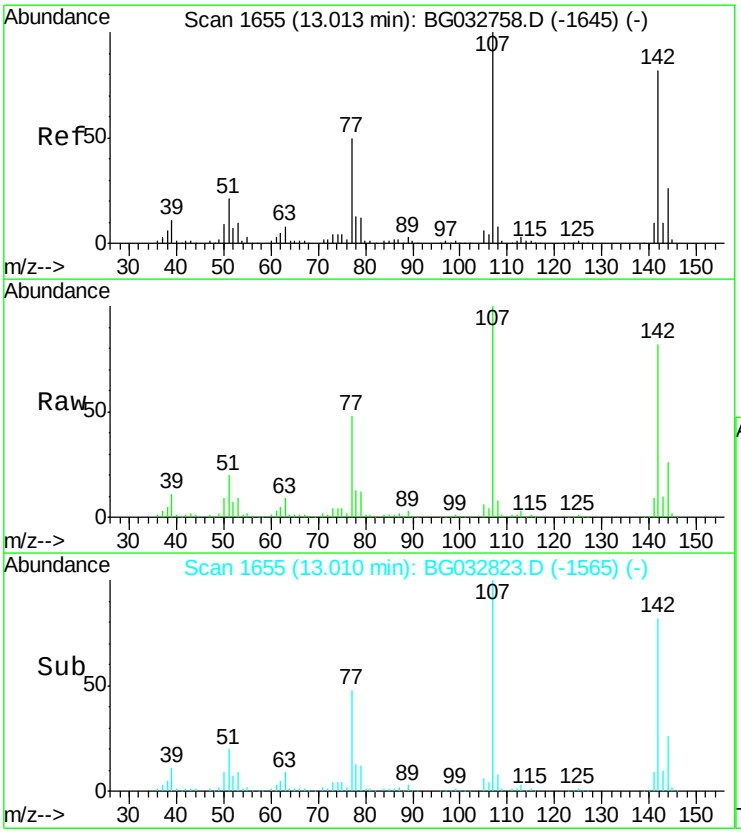
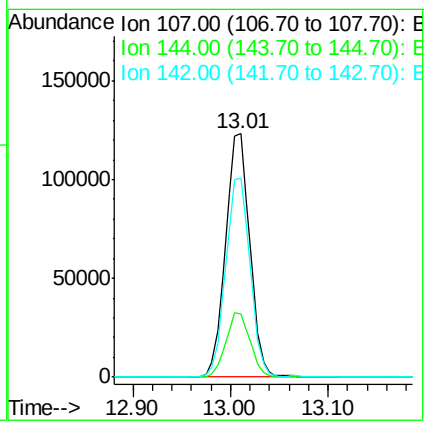
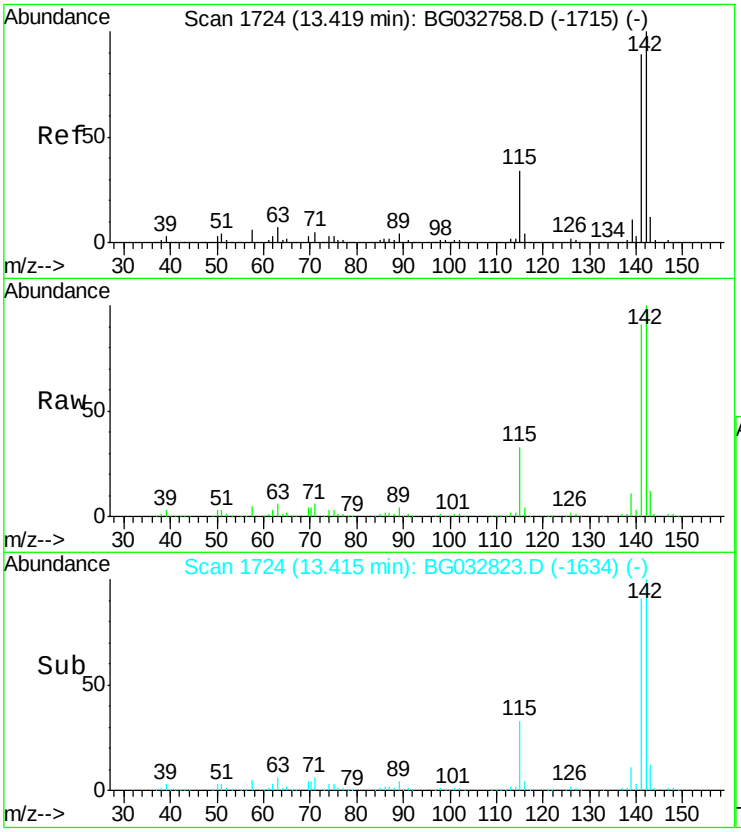


#36
4-Chloro-3-methylphenol
Concen: 40.198 ng
RT: 13.01 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:107 Resp: 212723

Ion	Ratio	Lower	Upper
107	100		
144	25.9	18.2	27.4
142	81.8	59.0	88.4

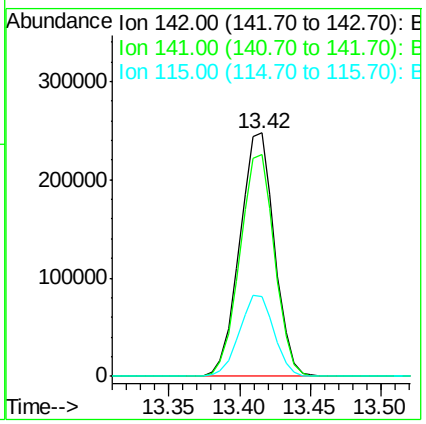




#37
2-Methylnaphthalene
Concen: 34.214 ng
RT: 13.42 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:142 Resp: 425031

Ion	Ratio	Lower	Upper
142	100		
141	91.2	67.1	100.7
115	32.7	30.7	46.1



Instrument :
BNA_G
ClientSampleId :
T-3-ROADMSD

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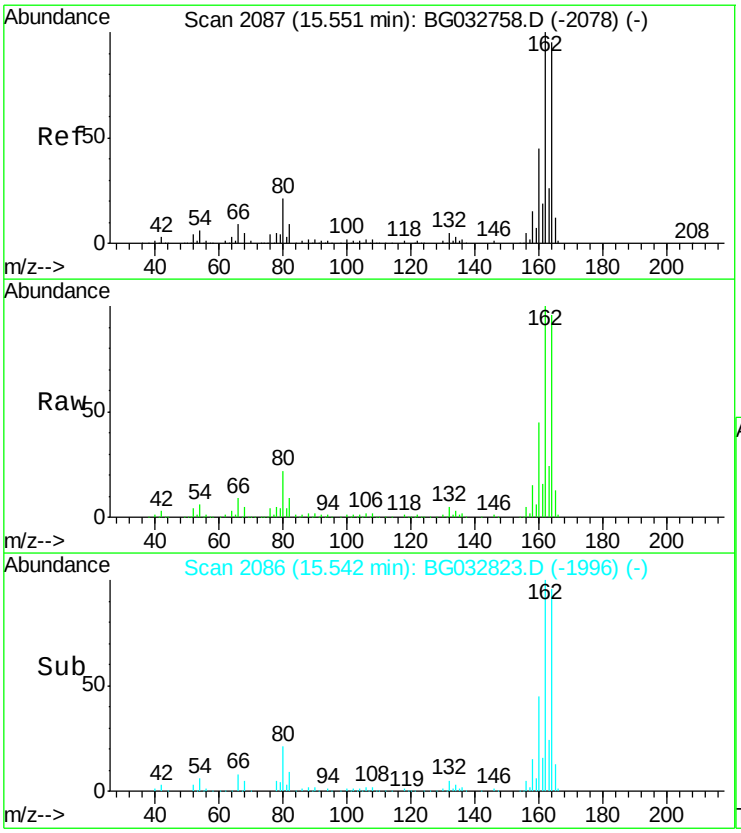
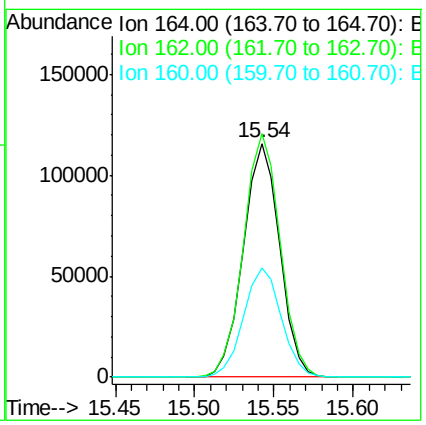
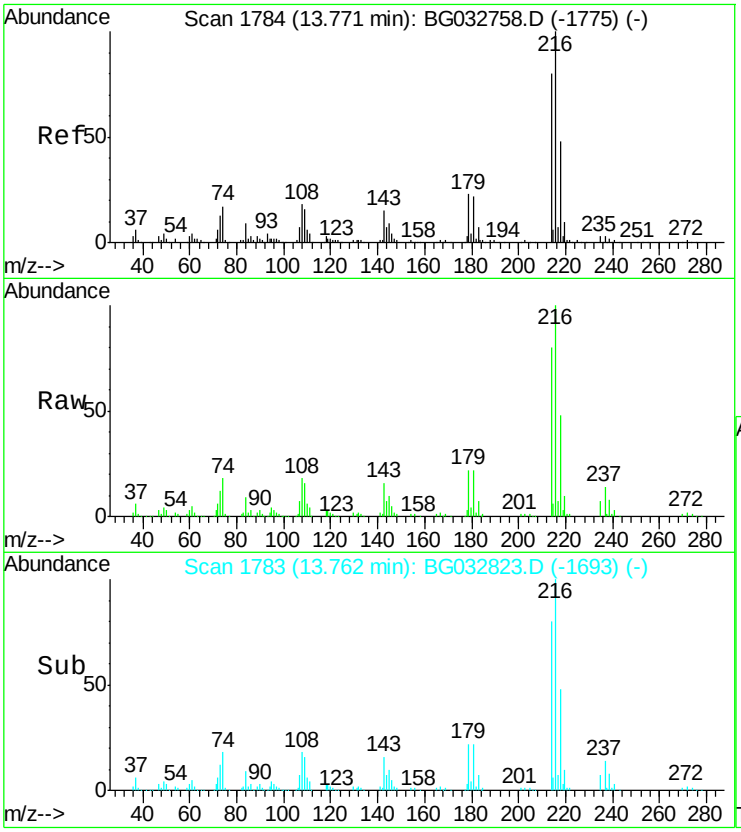


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.54 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:164 Resp: 184117

Ion	Ratio	Lower	Upper
164	100		
162	104.2	78.8	118.2
160	46.6	35.4	53.0

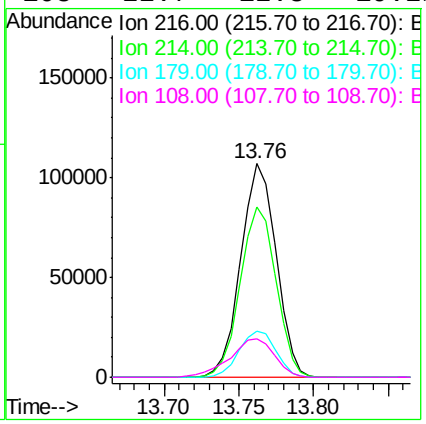




#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.171 ng
RT: 13.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:216 Resp: 175832

Ion	Ratio	Lower	Upper
216	100		
214	80.5	63.0	94.4
179	22.7	17.0	25.6
108	22.7	12.8	19.2#



Instrument :
BNA_G
ClientSampleId :
T-3-ROADMSD

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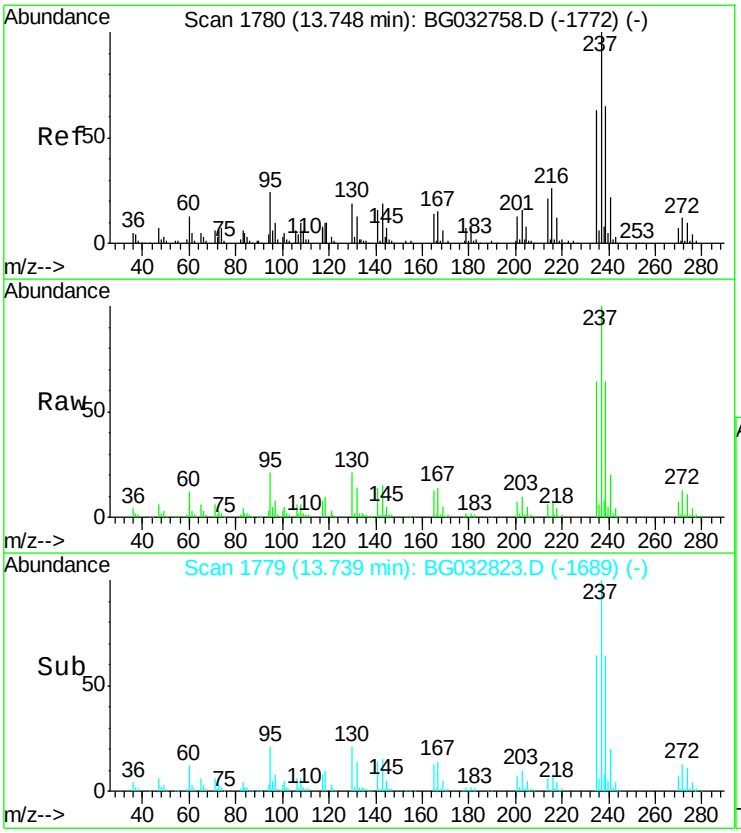
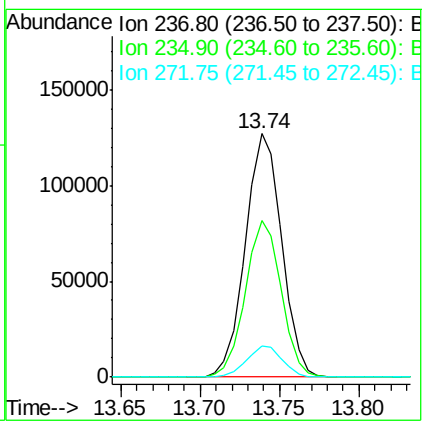
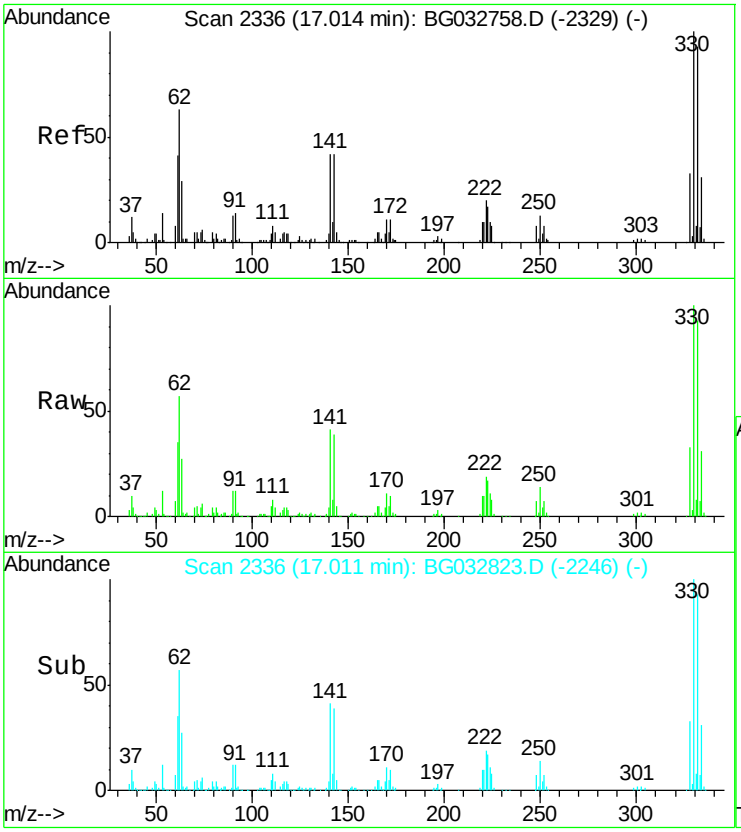


#40
Hexachlorocyclopentadiene
Concen: 72.785 ng
RT: 13.74 min Scan# 1779
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:237 Resp: 202740

Ion	Ratio	Lower	Upper
237	100		
235	64.1	50.4	90.4
272	12.7	0.0	31.8





#41
2,4,6-Tribromophenol
Concen: 115.850 ng
RT: 17.01 min Scan# 2336
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:330 Resp: 224277

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	41.9	25.2	37.8#

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMSD

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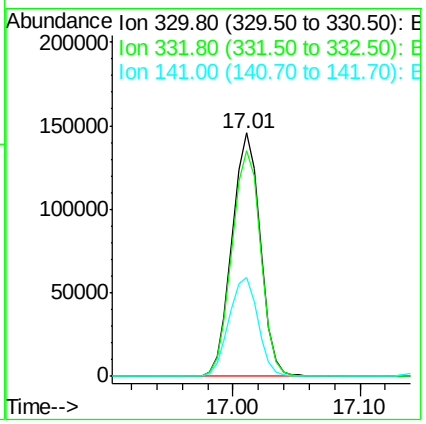
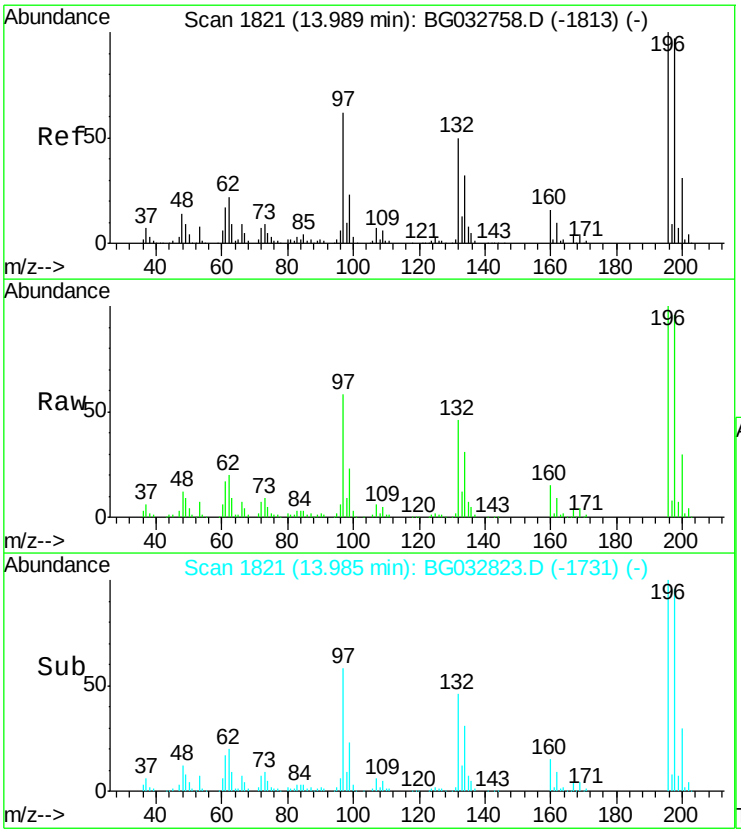
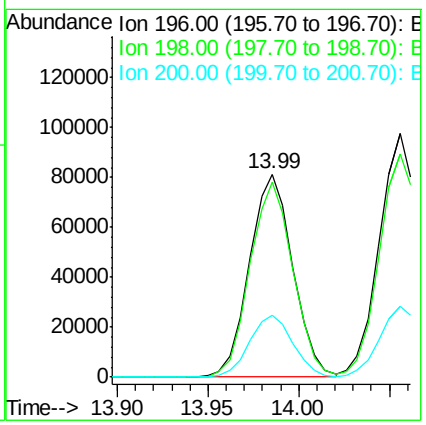


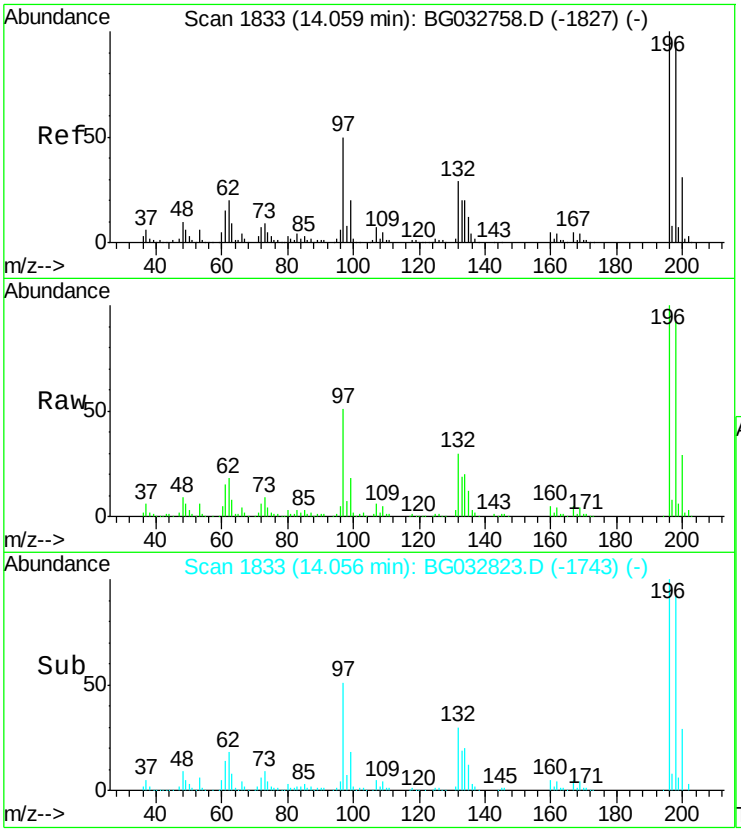


#42
2,4,6-Trichlorophenol
Concen: 39.336 ng
RT: 13.99 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:196 Resp: 135582

Ion	Ratio	Lower	Upper
196	100		
198	96.0	78.2	117.2
200	30.3	24.6	36.8

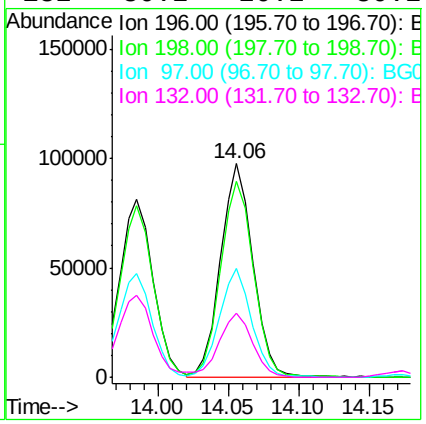




#43
2,4,5-Trichlorophenol
Concen: 38.679 ng
RT: 14.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:196 Resp: 154302

Ion	Ratio	Lower	Upper
196	100		
198	91.7	76.2	114.4
97	51.1	38.7	58.1
132	30.2	20.2	30.2



Instrument :
BNA_G
ClientSampleId :
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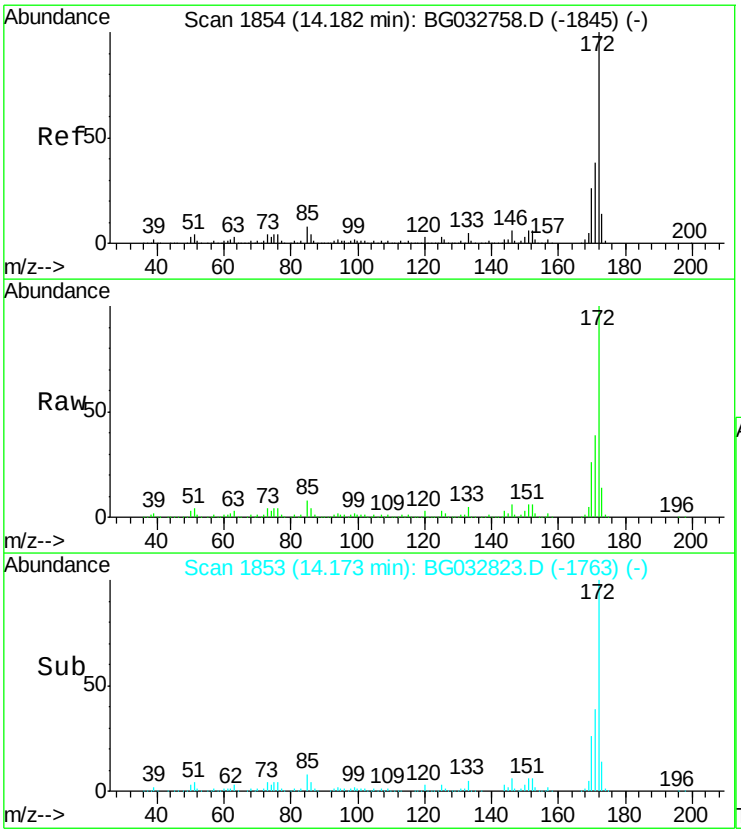
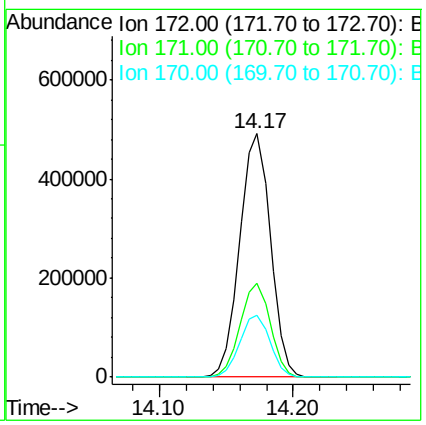
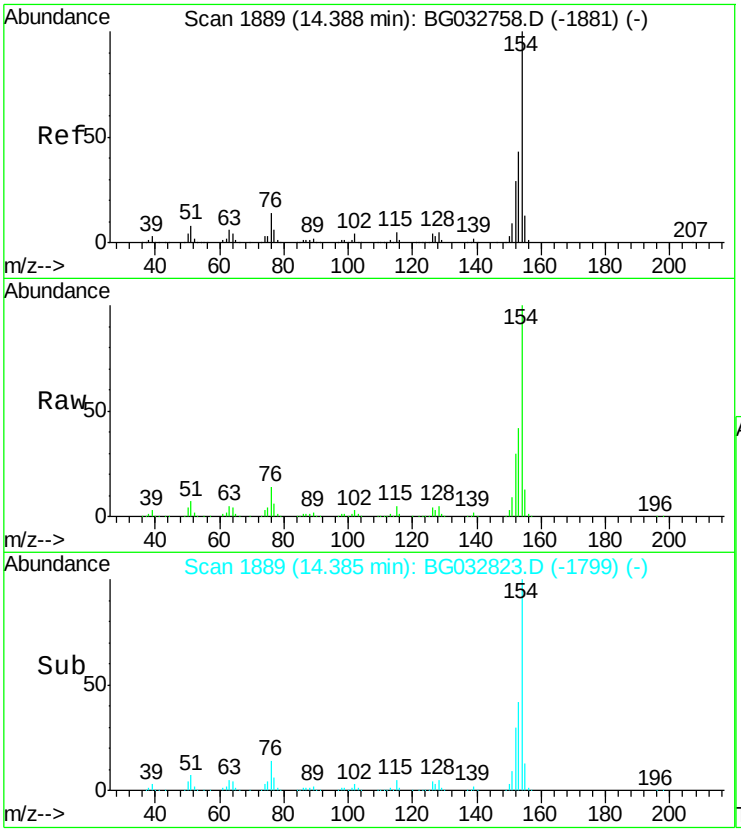


#44
2-Fluorobiphenyl
Concen: 60.967 ng
RT: 14.17 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:172 Resp: 778307

Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.0	45.0
170	25.7	19.5	29.3

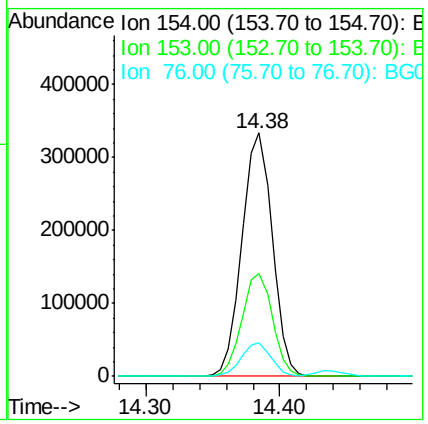




#45
1,1'-Biphenyl
Concen: 32.638 ng
RT: 14.38 min Scan# 1889
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:154 Resp: 525109

Ion	Ratio	Lower	Upper
154	100		
153	42.2	19.8	59.8
76	13.7	0.0	31.9



Instrument :
BNA_G
ClientSampleId :
T-3-ROADMSD

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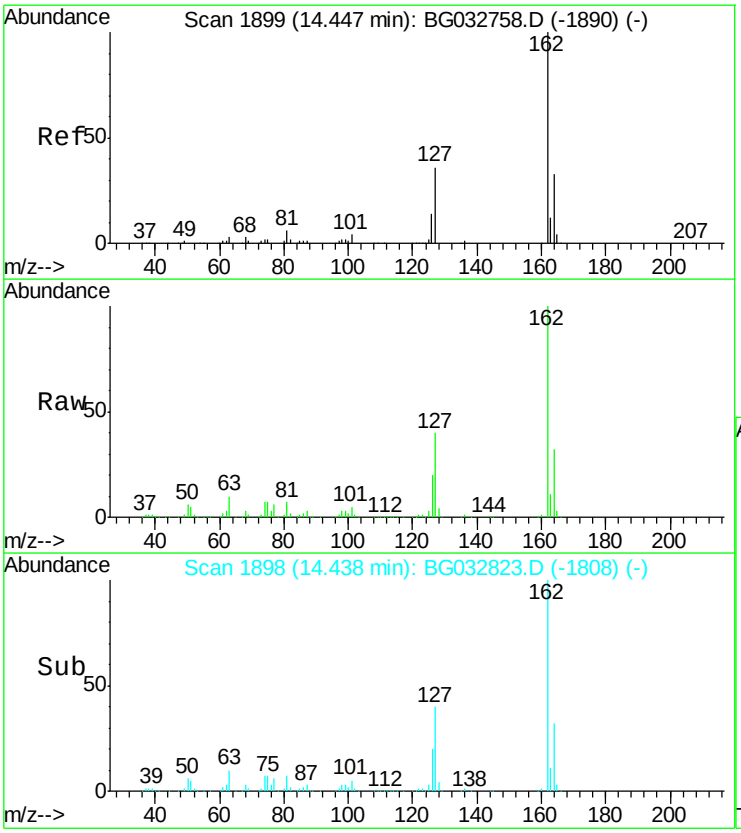
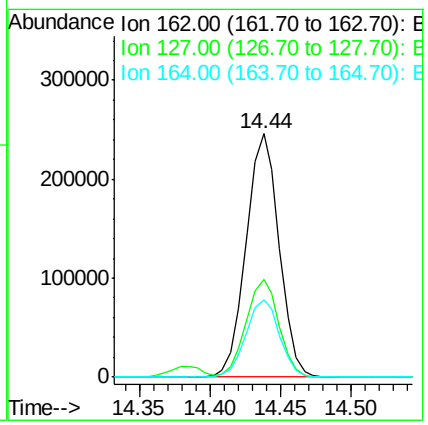
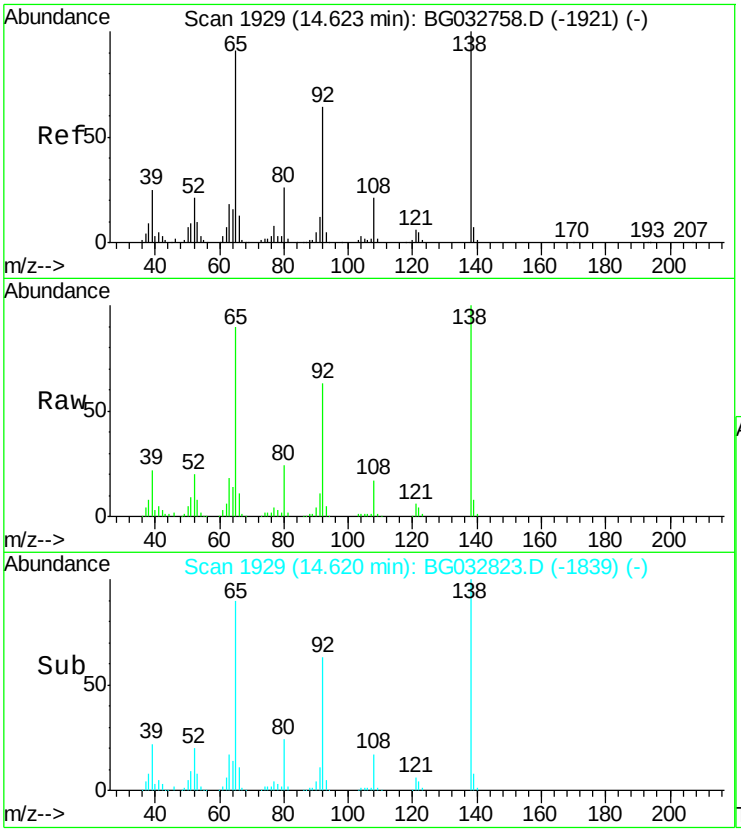


#46
2-Chloronaphthalene
Concen: 33.436 ng
RT: 14.44 min Scan# 1898
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:162 Resp: 401848

Ion	Ratio	Lower	Upper
162	100		
127	39.9	30.7	46.1
164	31.9	26.0	39.0





#47
2-Nitroaniline
Concen: 45.146 ng
RT: 14.62 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion: 65 Resp: 134607

Ion	Ratio	Lower	Upper
65	100		
92	70.6	54.6	82.0
138	111.4	72.9	109.3#

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMSD

Manual Integrations APPROVED
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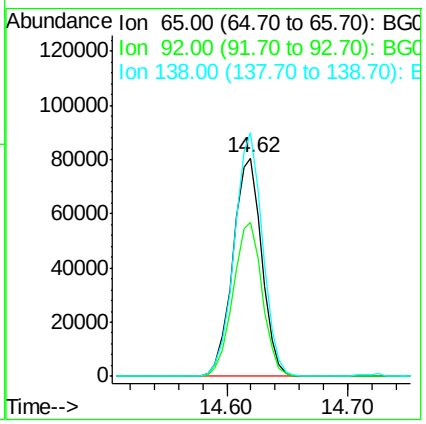
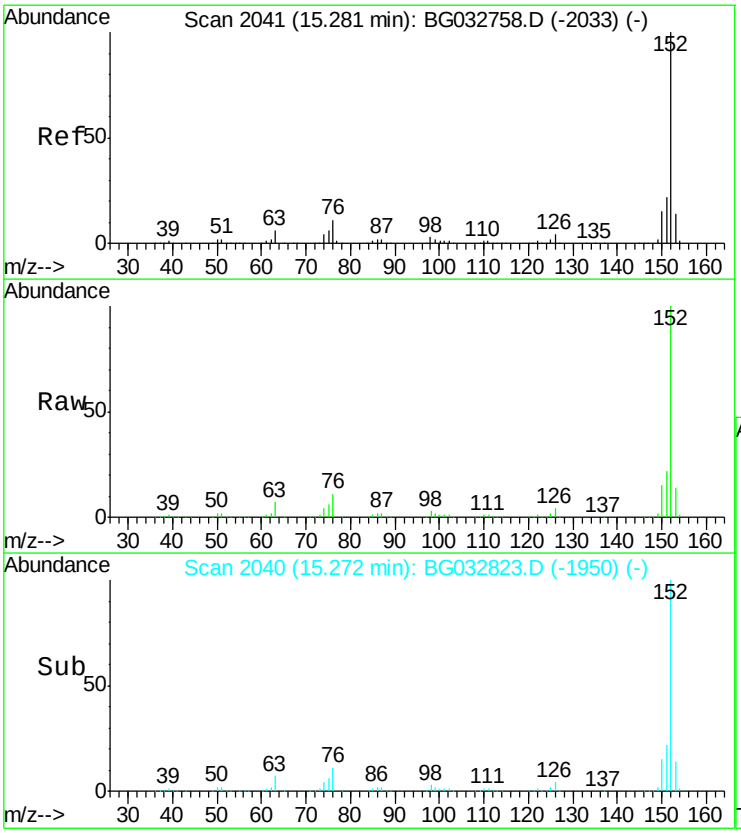
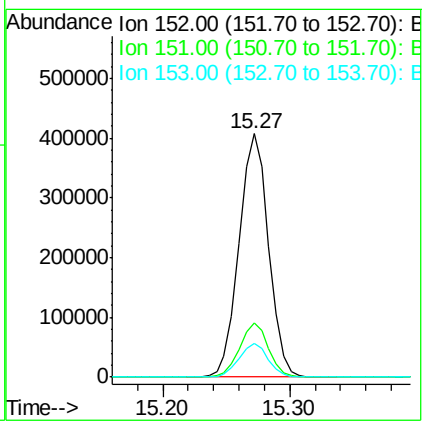


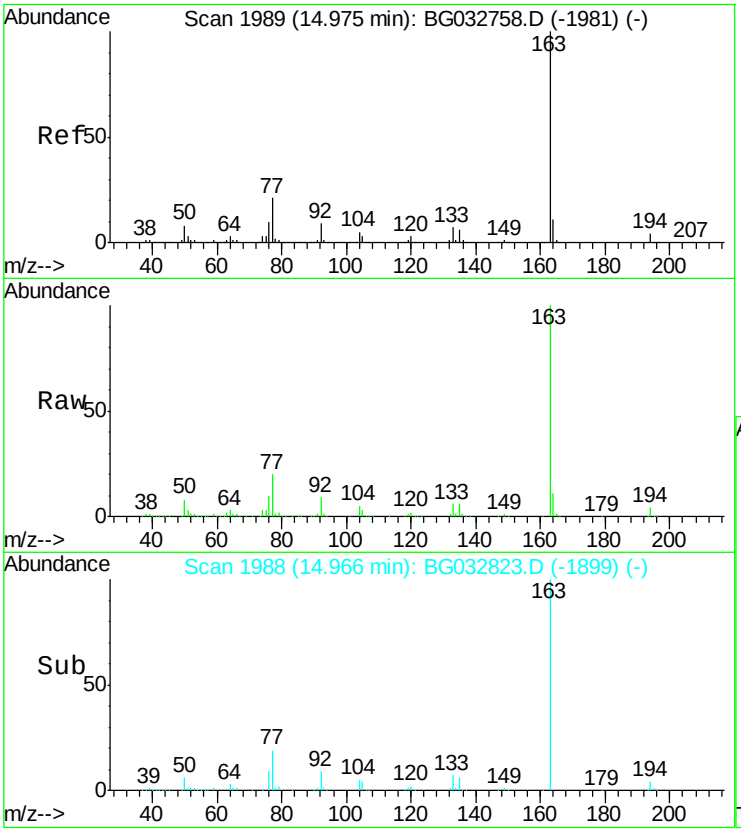


#48
Acenaphthylene
Concen: 33.318 ng
RT: 15.27 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:152 Resp: 655593

Ion	Ratio	Lower	Upper
152	100		
151	22.2	17.2	25.8
153	14.1	10.2	15.4

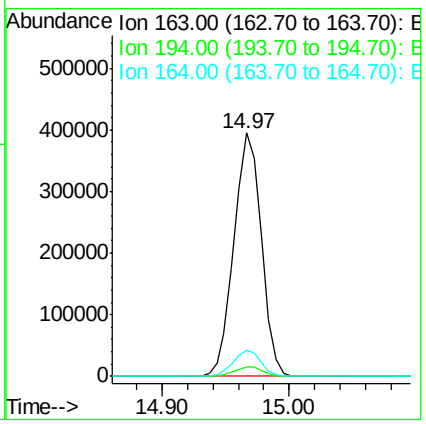




#49
Dimethylphthalate
Concen: 37.674 ng
RT: 14.97 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:163 Resp: 588964

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.8	8.2	12.4



Instrument :
BNA_G
ClientSampleId :
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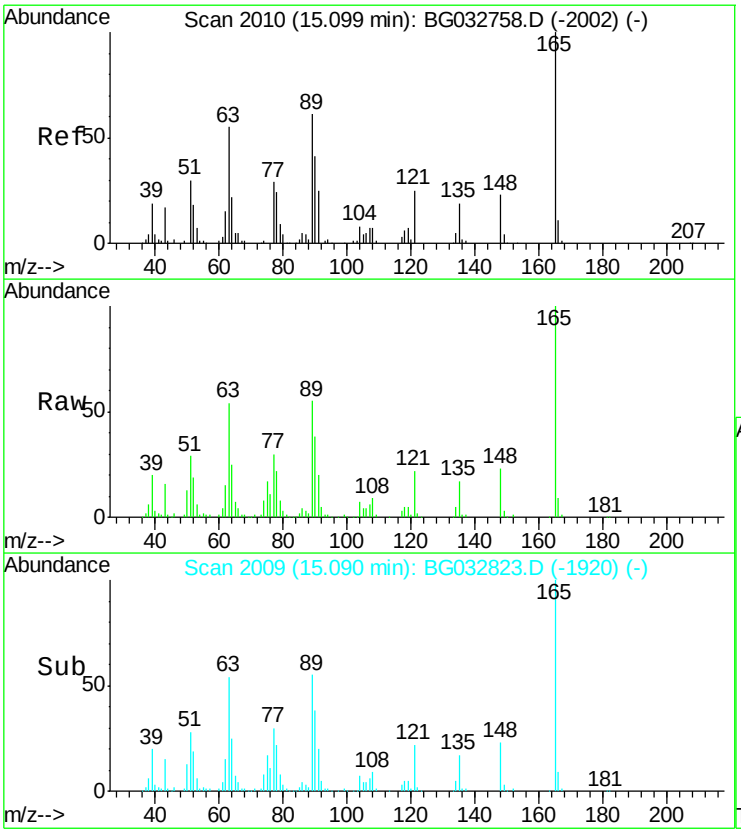
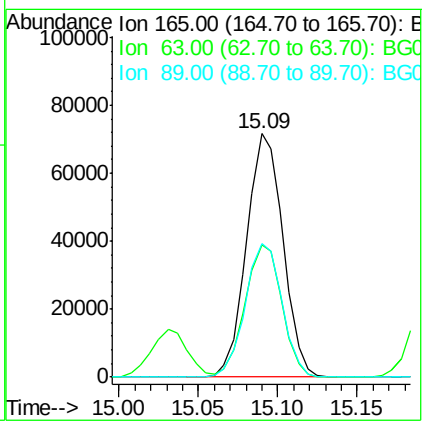
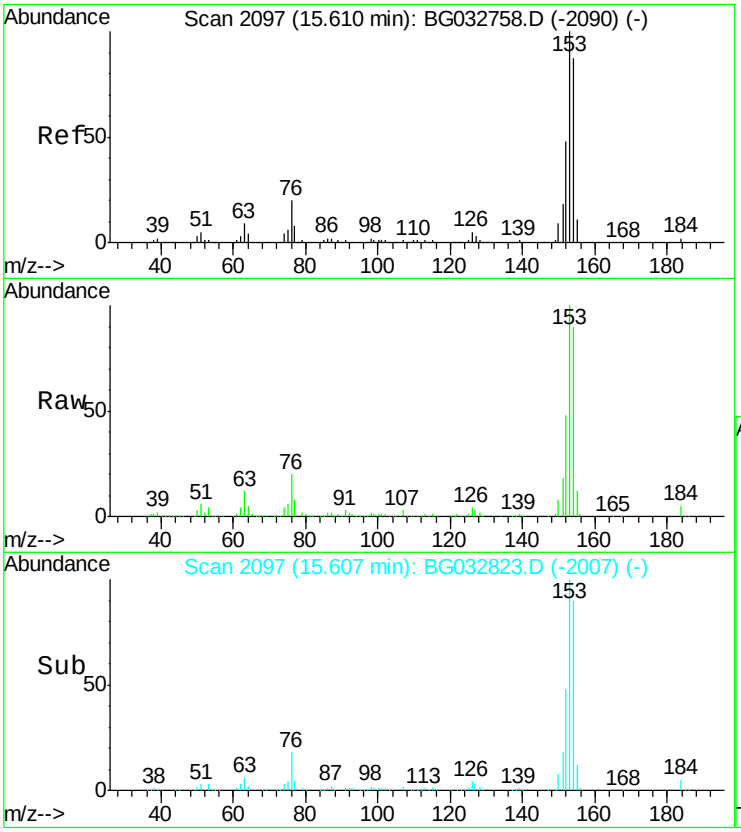


#50
2,6-Dinitrotoluene
Concen: 44.940 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:165 Resp: 114482

Ion	Ratio	Lower	Upper
165	100		
63	54.5	52.7	79.1
89	54.6	49.2	73.8

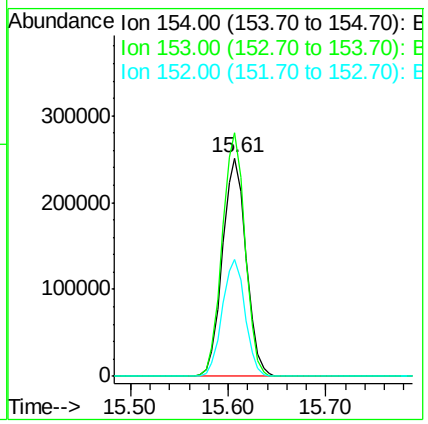




#51
Acenaphthene
Concen: 34.516 ng
RT: 15.61 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:154 Resp: 422975

Ion	Ratio	Lower	Upper
154	100		
153	111.5	90.4	135.6
152	53.7	41.6	62.4



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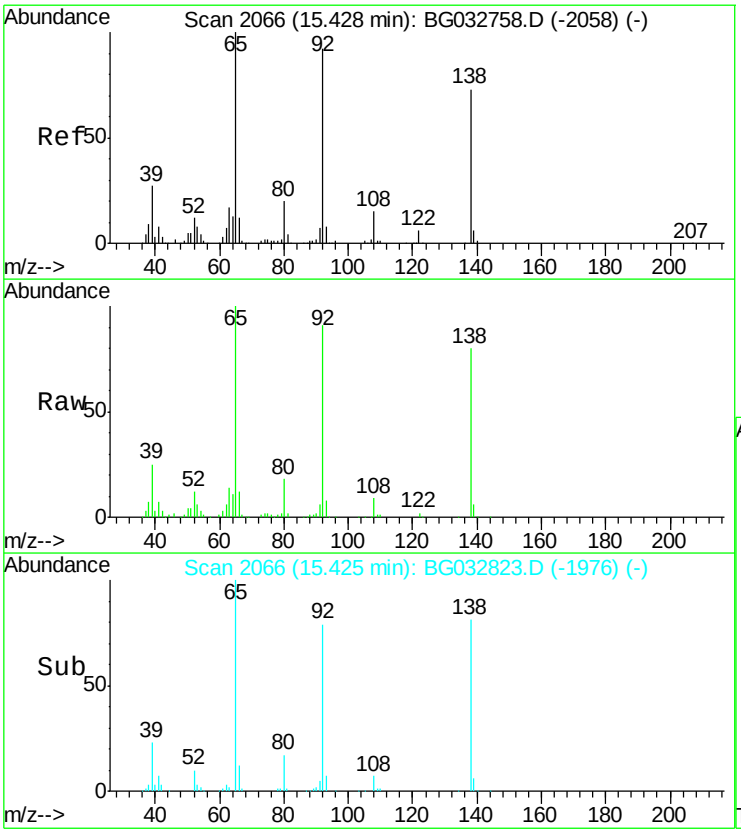
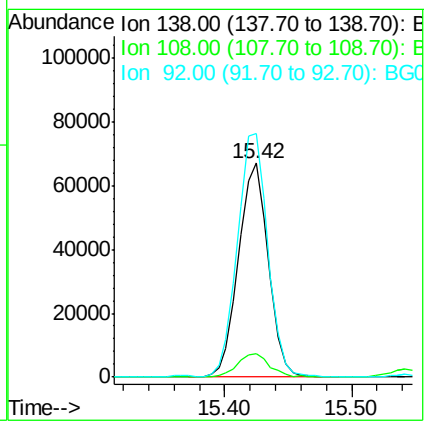
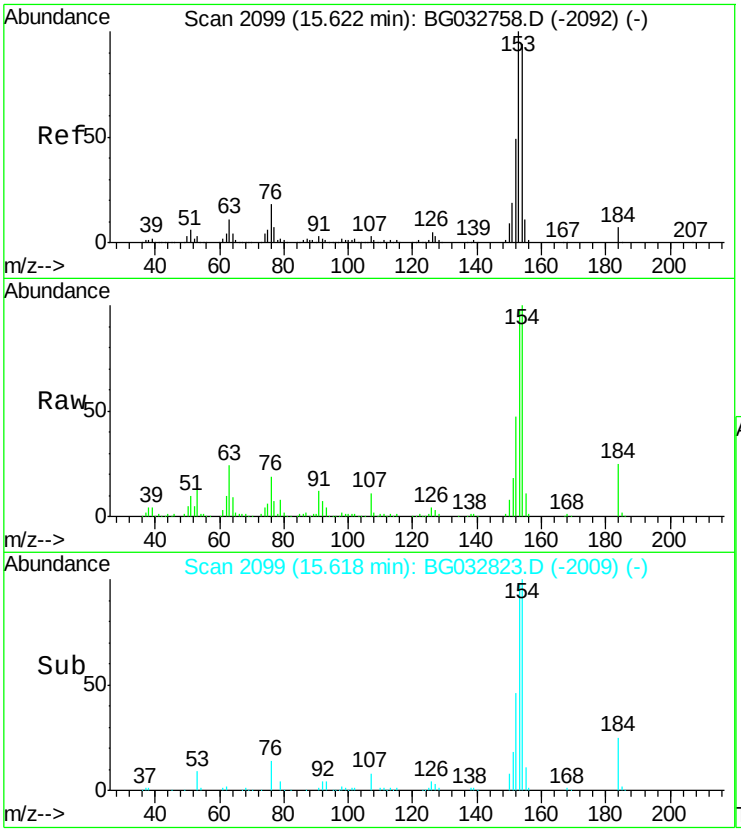


#52
3-Nitroaniline
Concen: 36.326 ng
RT: 15.42 min Scan# 2066
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:138 Resp: 109316

Ion	Ratio	Lower	Upper
138	100		
108	10.7	17.5	26.3#
92	114.0	105.8	158.8





#53
2,4-Dinitrophenol
Concen: 70.126 ng
RT: 15.62 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:184 Resp: 54506

Ion	Ratio	Lower	Upper
184	100		
63	93.1	59.8	89.8#
154	392.6	101.8	152.8#

Instrument :
BNA_G
ClientSampleId :
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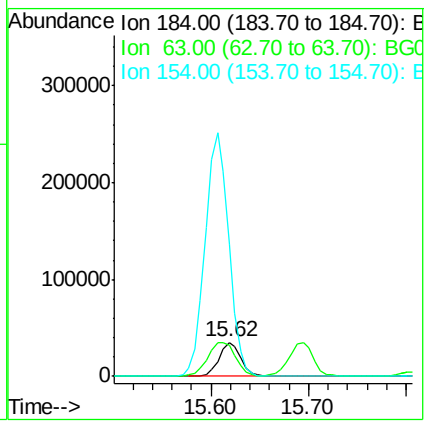
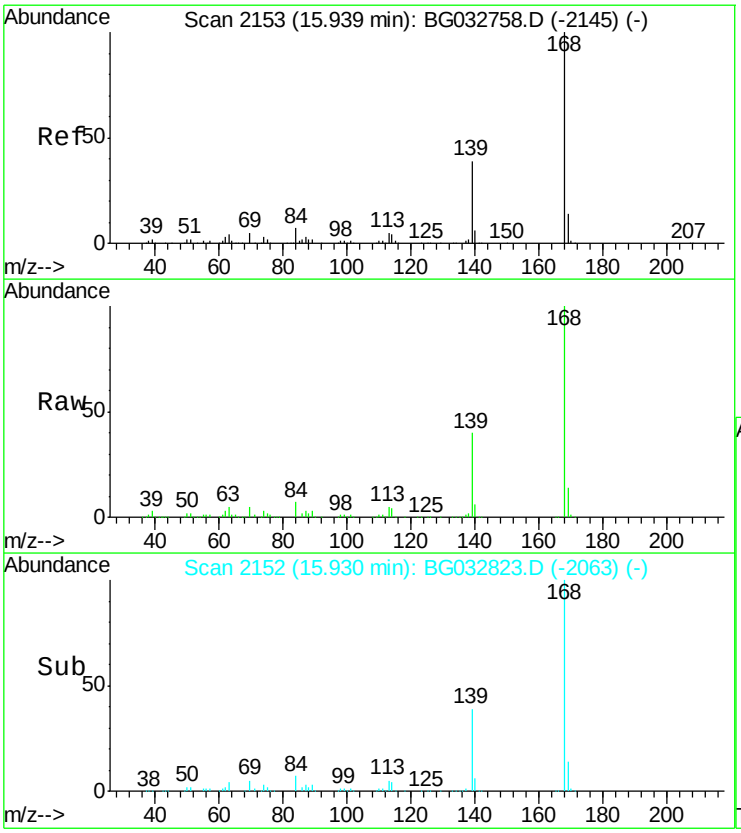
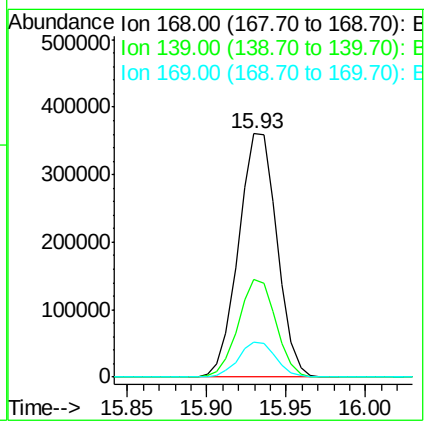


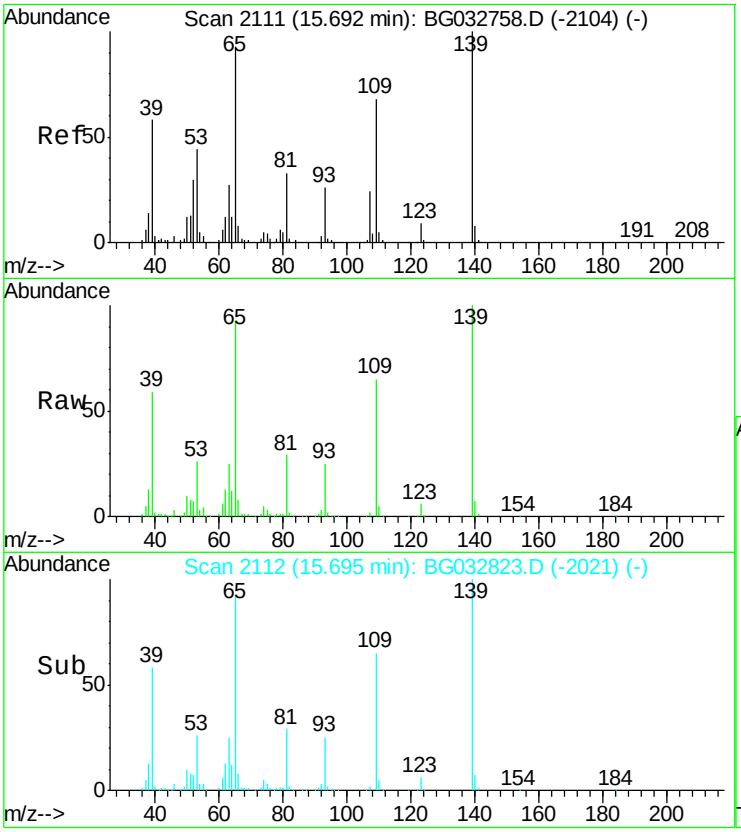


#54
Dibenzofuran
Concen: 34.801 ng
RT: 15.93 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:168 Resp: 607243

Ion	Ratio	Lower	Upper
168	100		
139	39.9	28.6	43.0
169	14.3	11.2	16.8

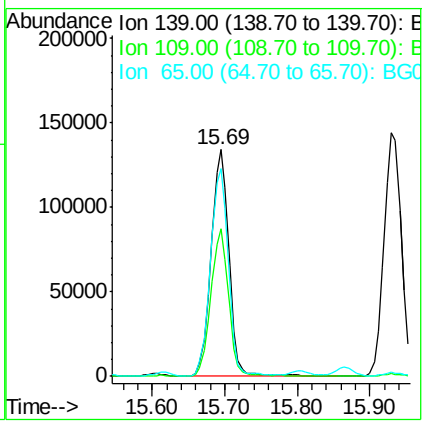




#55
4-Nitrophenol
Concen: 88.794 ng
RT: 15.69 min Scan# 2112
Delta R.T. 0.01 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:139 Resp: 229502

Ion	Ratio	Lower	Upper
139	100		
109	65.0	62.2	102.2
65	91.6	97.2	137.2#



Instrument :
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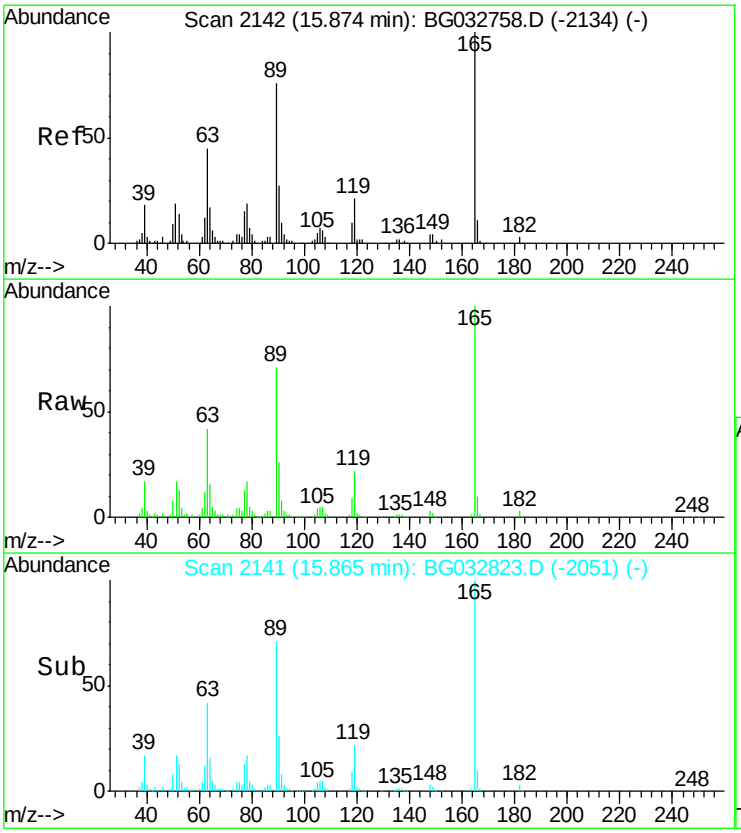
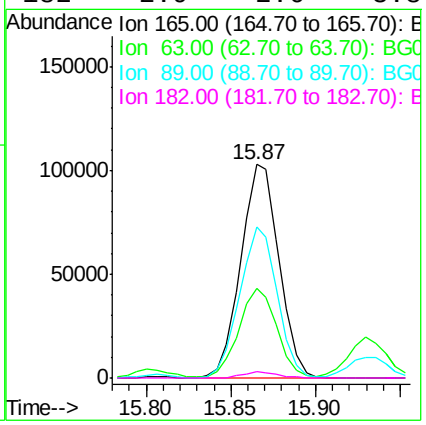
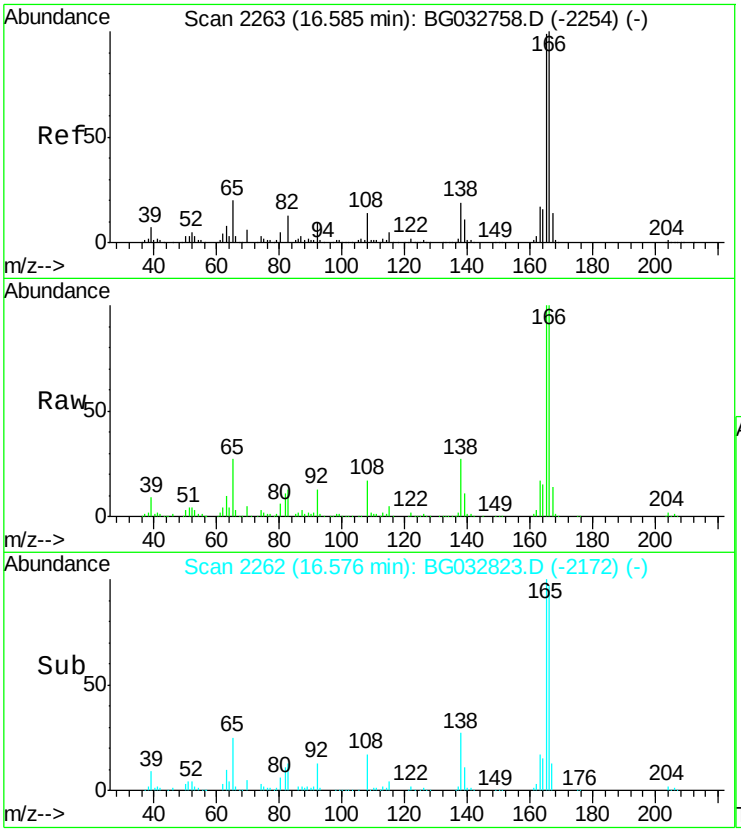


#56
2,4-Dinitrotoluene
Concen: 52.296 ng
RT: 15.87 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:165 Resp: 161513

Ion	Ratio	Lower	Upper
165	100		
63	42.1	42.0	63.0
89	71.0	66.9	100.3
182	2.9	2.6	3.8

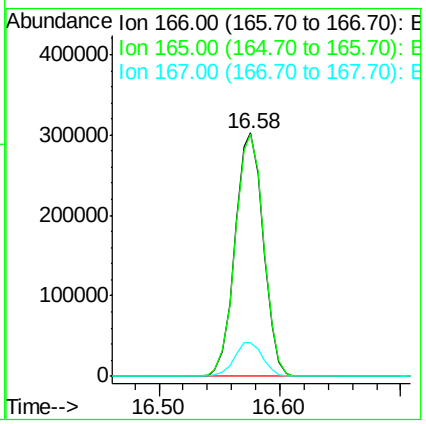




#57
Fluorene
Concen: 34.280 ng
RT: 16.58 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:166 Resp: 493692

Ion	Ratio	Lower	Upper
166	100		
165	99.7	80.6	121.0
167	14.0	10.4	15.6



Instrument :
BNA_G
ClientSampleId :
T-3-ROADMSD

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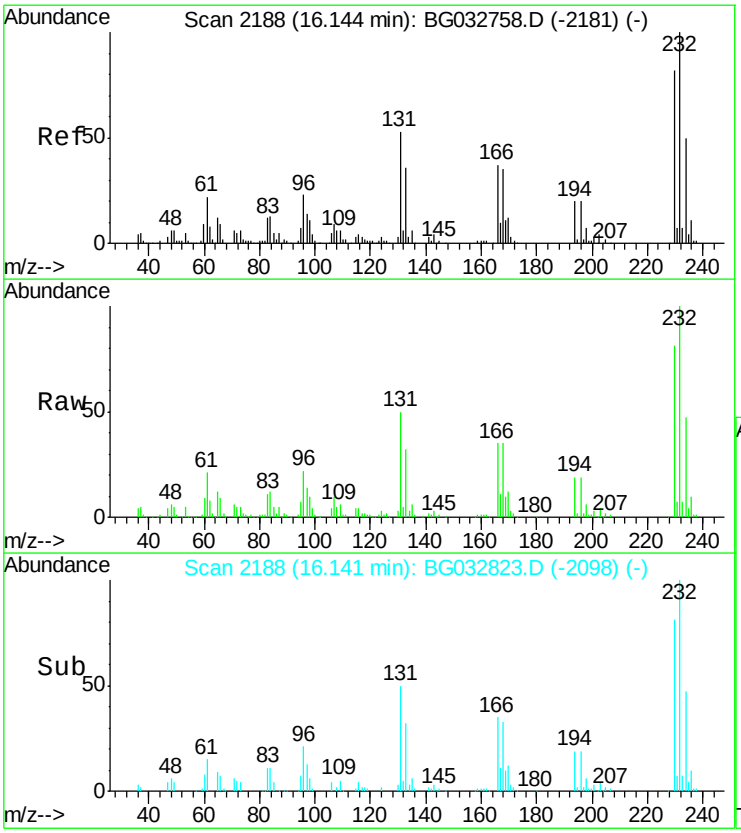
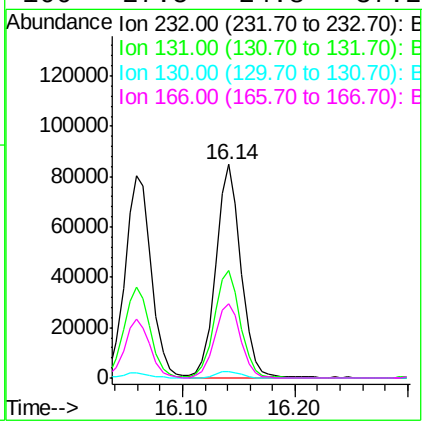
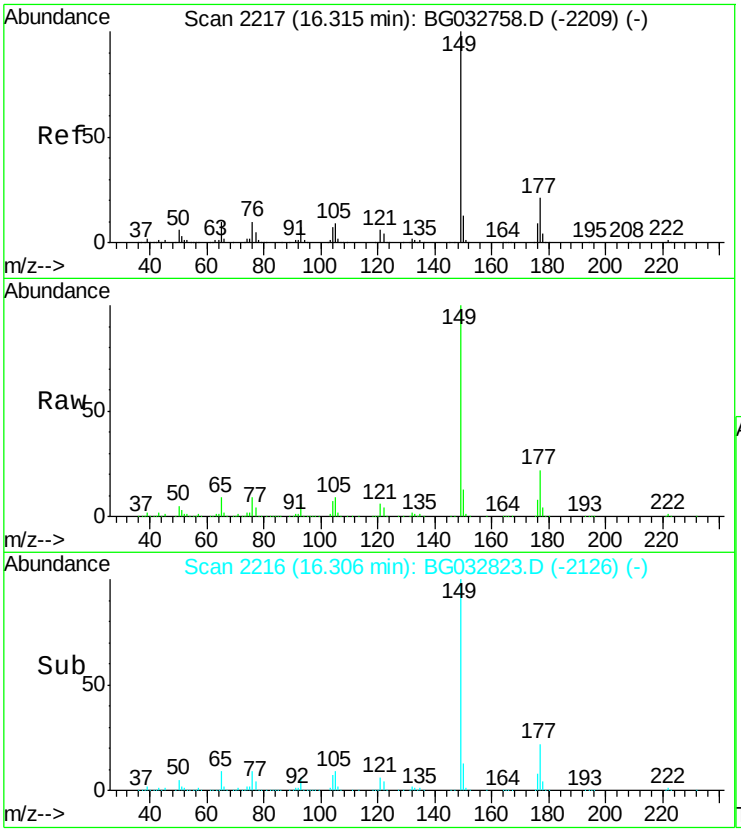


#58
2,3,4,6-Tetrachlorophenol
Concen: 42.826 ng m
RT: 16.14 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:232 Resp: 132641

Ion	Ratio	Lower	Upper
232	100		
131	43.6	33.5	50.3
130	2.6	2.2	3.2
166	27.5	24.8	37.2





#59
Diethylphthalate
Concen: 34.048 ng
RT: 16.31 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:149 Resp: 561418

Ion	Ratio	Lower	Upper
149	100		
177	21.6	18.5	27.7
150	12.8	10.2	15.2

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMSD

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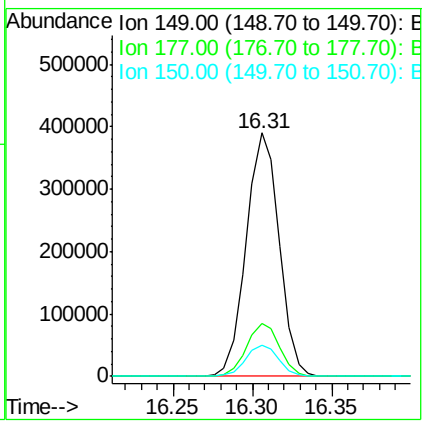
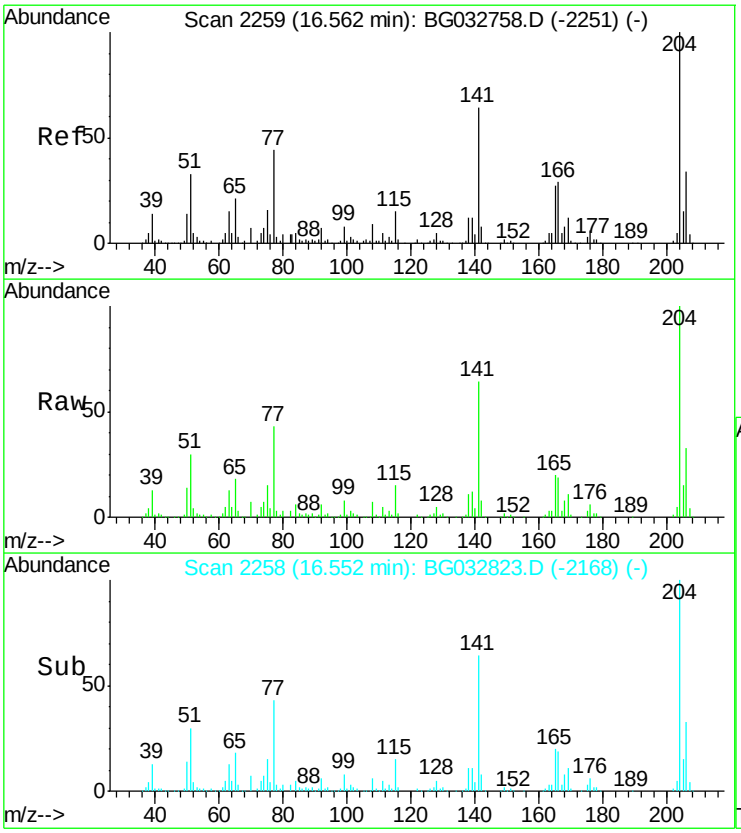
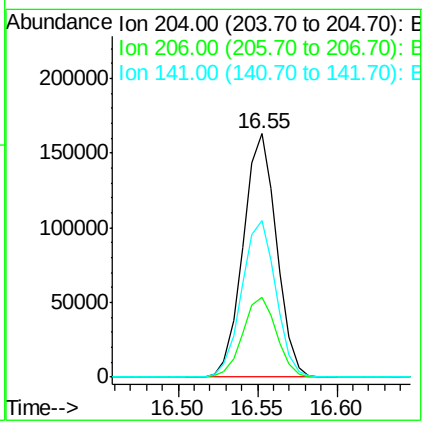


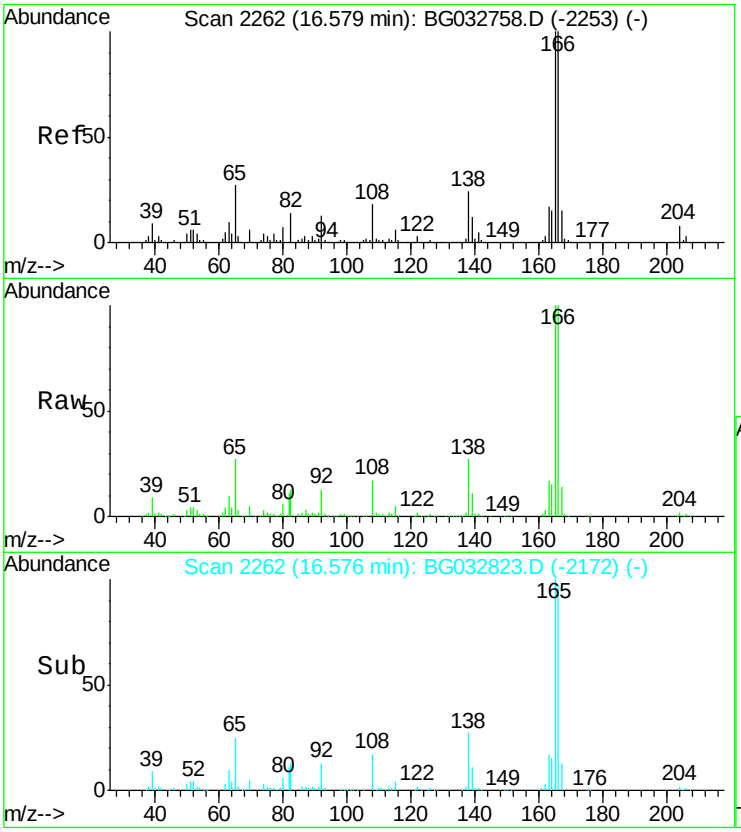


#60
4-Chlorophenyl-phenylether
Concen: 33.707 ng
RT: 16.55 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:204 Resp: 237471

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.2	39.2
141	64.1	45.8	68.6





#61
4-Nitroaniline
Concen: 41.378 ng
RT: 16.58 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:138 Resp: 137257

Ion	Ratio	Lower	Upper
138	100		
92	48.4	40.1	80.1
108	63.8	65.4	105.4#

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMSD

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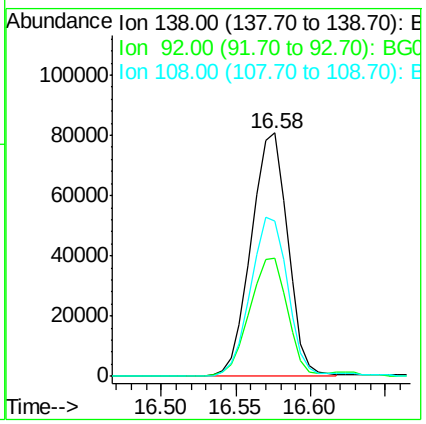
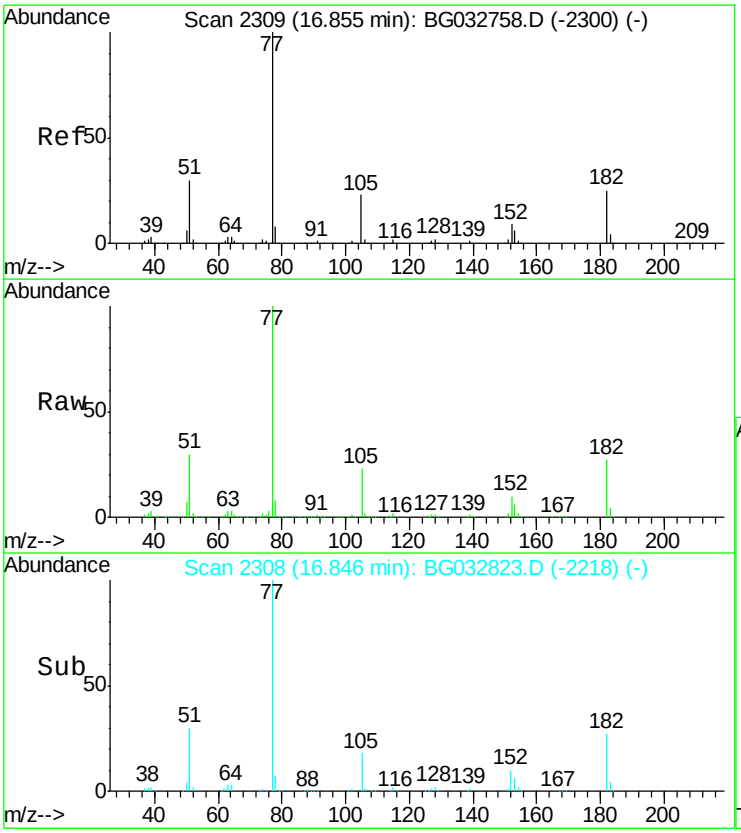
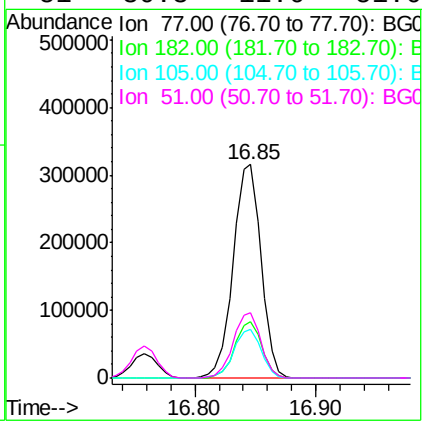


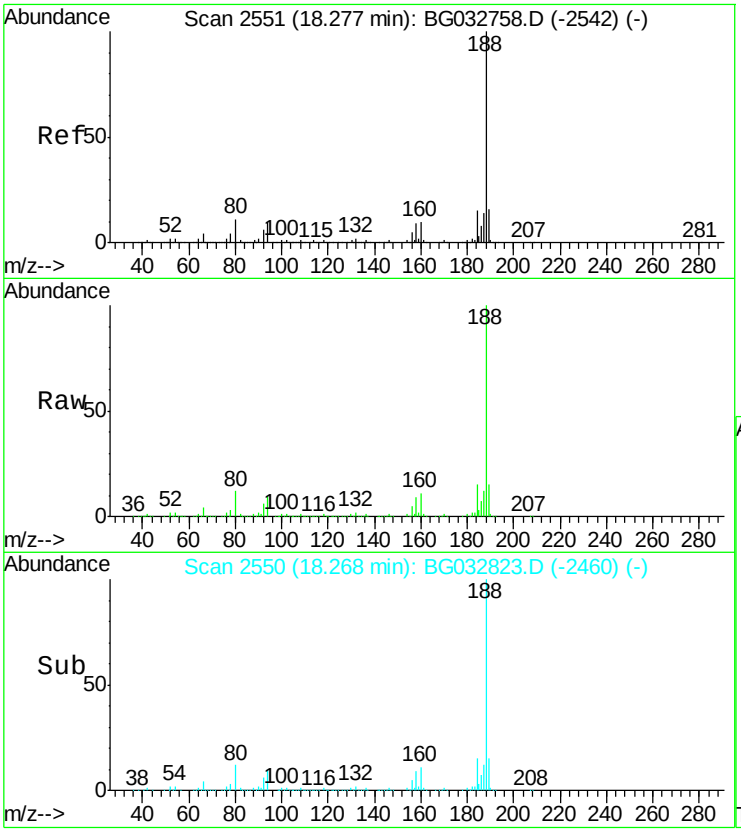


#62
Azobenzene
Concen: 34.359 ng
RT: 16.85 min Scan# 2308
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion: 77 Resp: 506843

Ion	Ratio	Lower	Upper
77	100		
182	26.6	7.4	47.4
105	22.7	0.3	40.3
51	30.3	11.6	51.6





#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.27 min Scan# 2550
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:188 Resp: 425349

Ion	Ratio	Lower	Upper
188	100		
94	10.0	6.9	10.3
80	11.9	7.7	11.5#

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMSD

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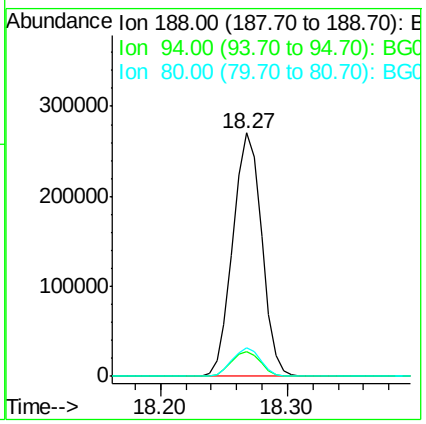
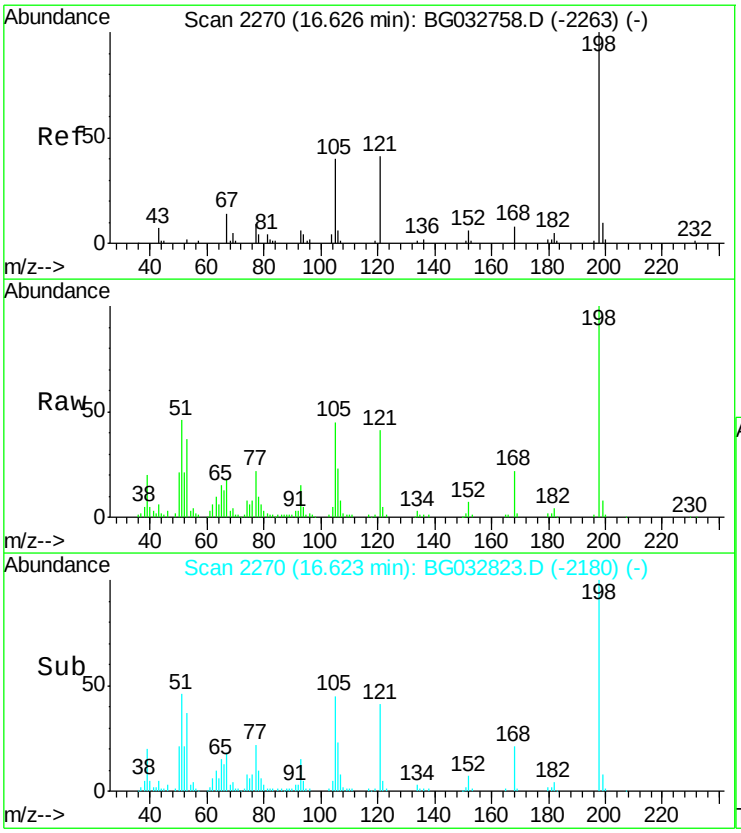
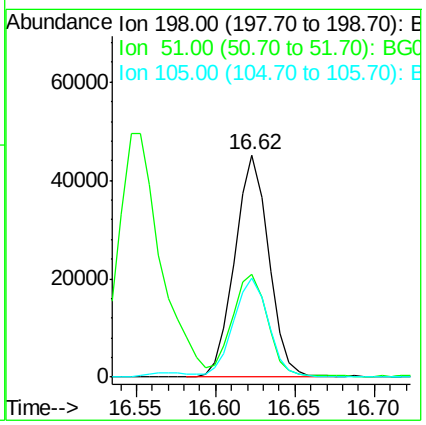


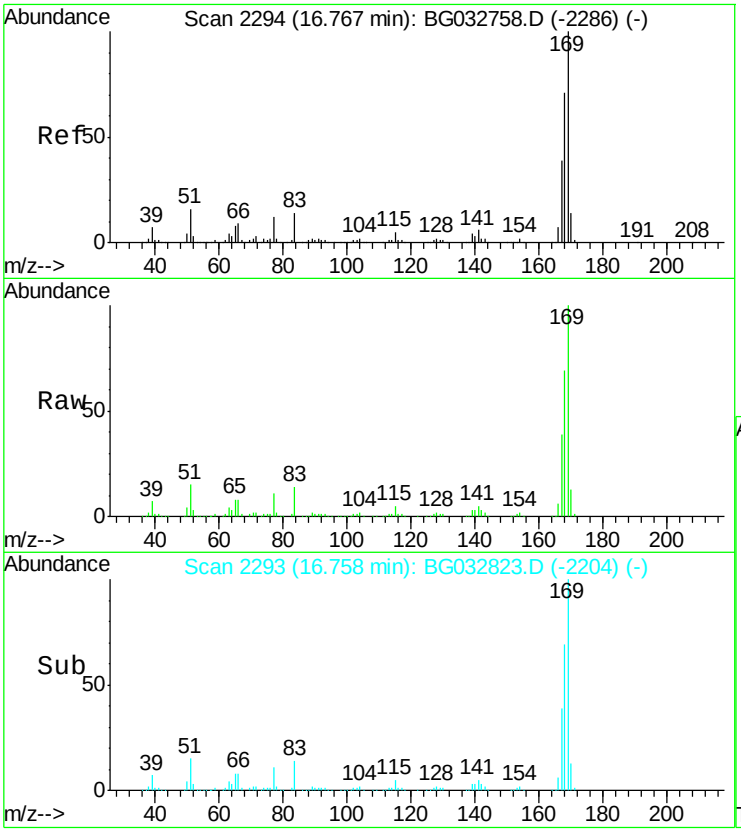


#64
4,6-Dinitro-2-methylphenol
Concen: 52.446 ng
RT: 16.62 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:198 Resp: 67397

Ion	Ratio	Lower	Upper
198	100		
51	46.2	30.6	70.6
105	44.7	23.8	63.8

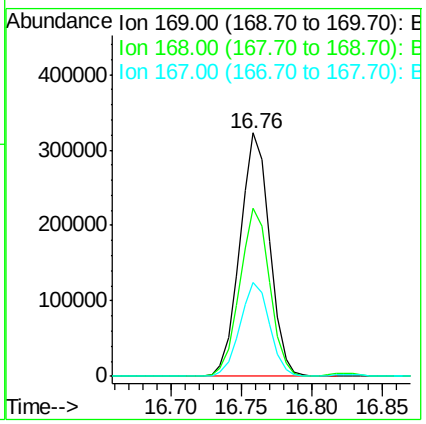




#65
n-Nitrosodiphenylamine
Concen: 34.339 ng
RT: 16.76 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:169 Resp: 475158

Ion	Ratio	Lower	Upper
169	100		
168	69.1	55.7	83.5
167	38.5	30.1	45.1



Instrument :
BNA_G
ClientSampleId :
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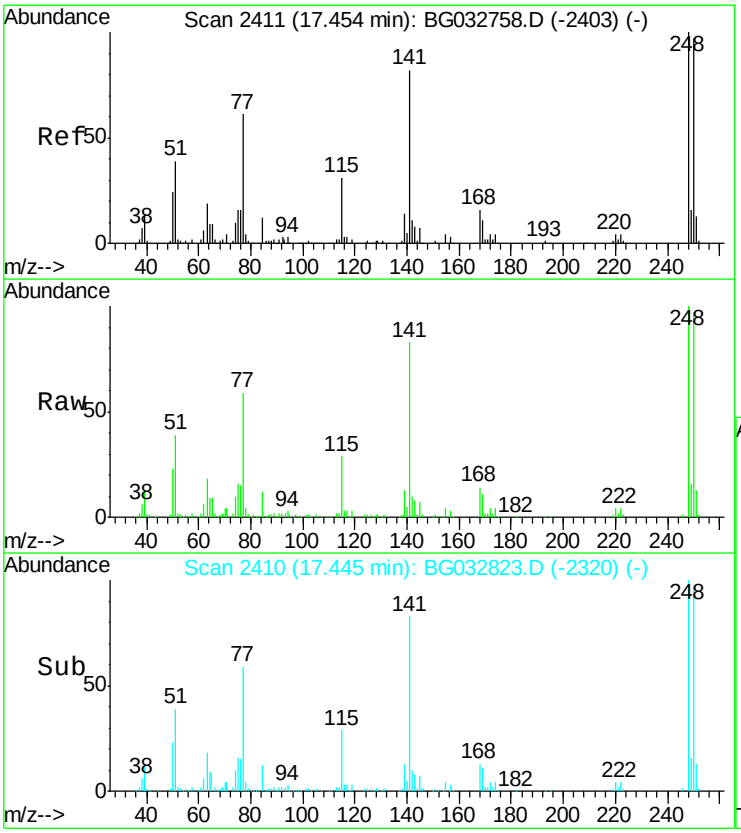
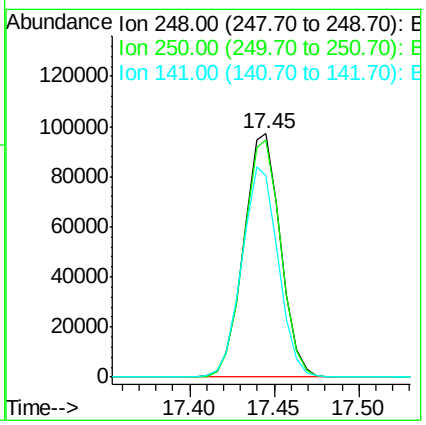
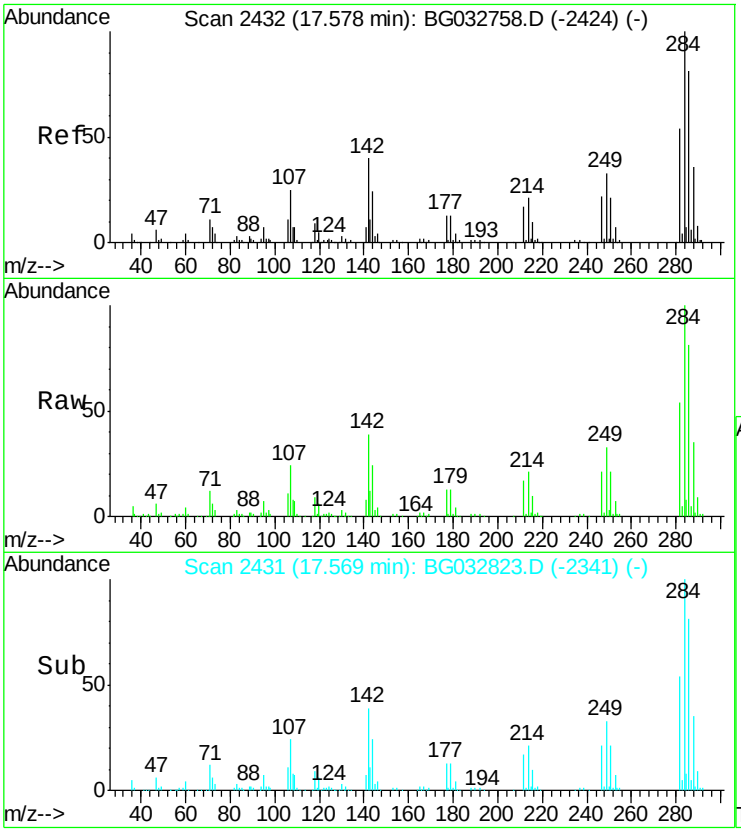


#66
4-Bromophenyl-phenylether
Concen: 32.558 ng
RT: 17.45 min Scan# 2410
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:248 Resp: 146433

Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.1	115.7
141	82.8	50.8	76.2#

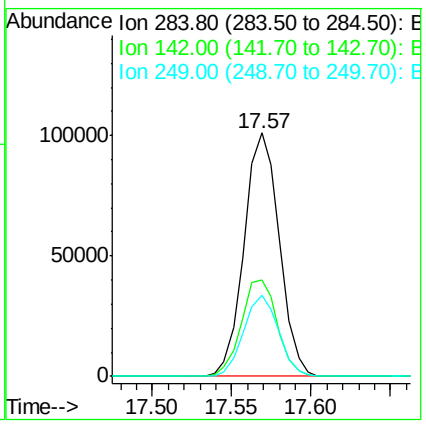




#67
Hexachlorobenzene
Concen: 32.027 ng
RT: 17.57 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:284 Resp: 155664

Ion	Ratio	Lower	Upper
284	100		
142	39.4	26.8	40.2
249	33.4	26.3	39.5



Instrument :
BNA_G
ClientSampleId :
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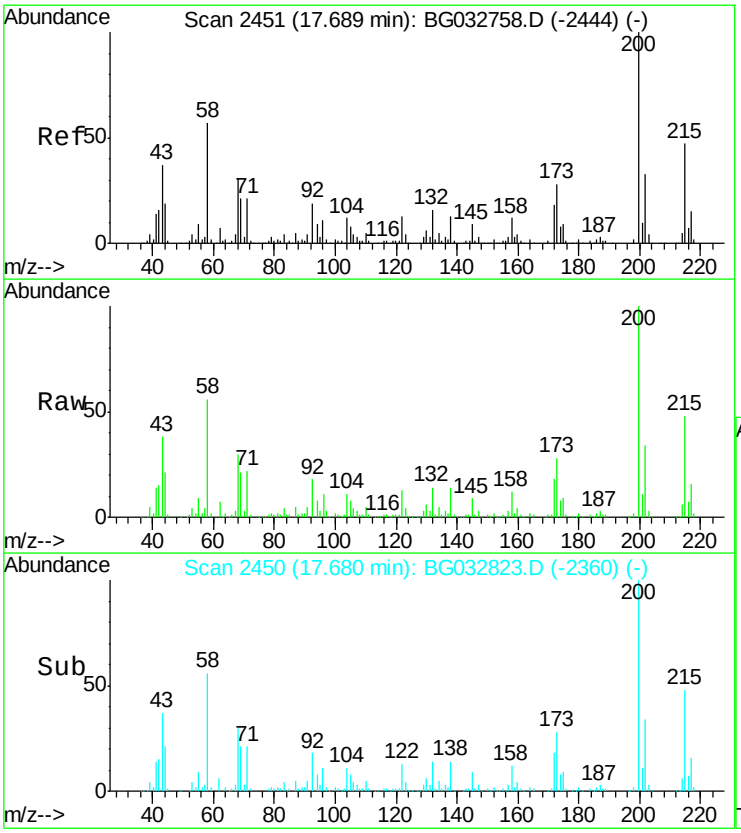
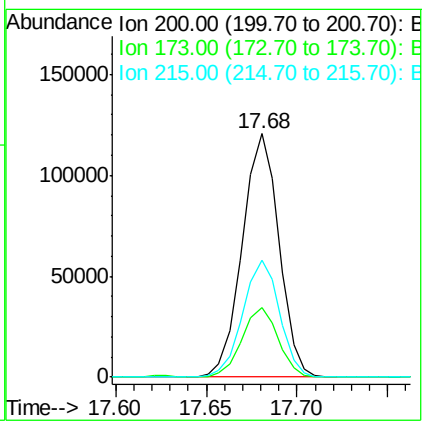
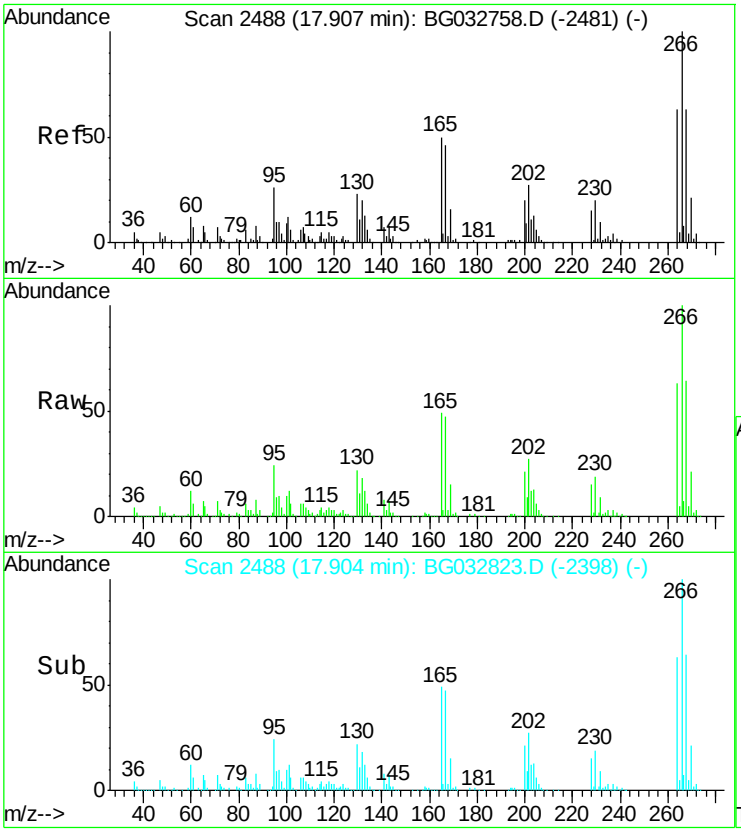


#68
Atrazine
Concen: 37.218 ng
RT: 17.68 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:200 Resp: 169515

Ion	Ratio	Lower	Upper
200	100		
173	28.5	5.2	45.2
215	47.8	30.4	70.4

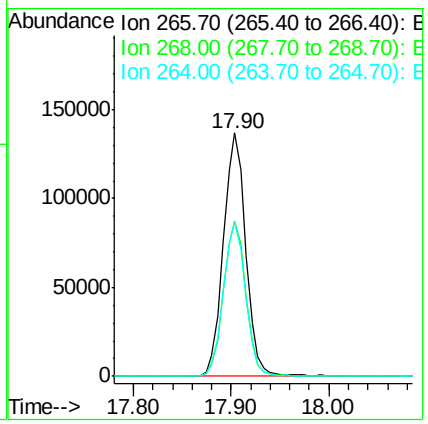




#69
Pentachlorophenol
Concen: 71.058 ng
RT: 17.90 min Scan# 2488
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:266 Resp: 217540

Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.1	76.7
264	63.2	49.6	74.4



Instrument :
BNA_G
ClientSampleId :
T-3-ROADMSD

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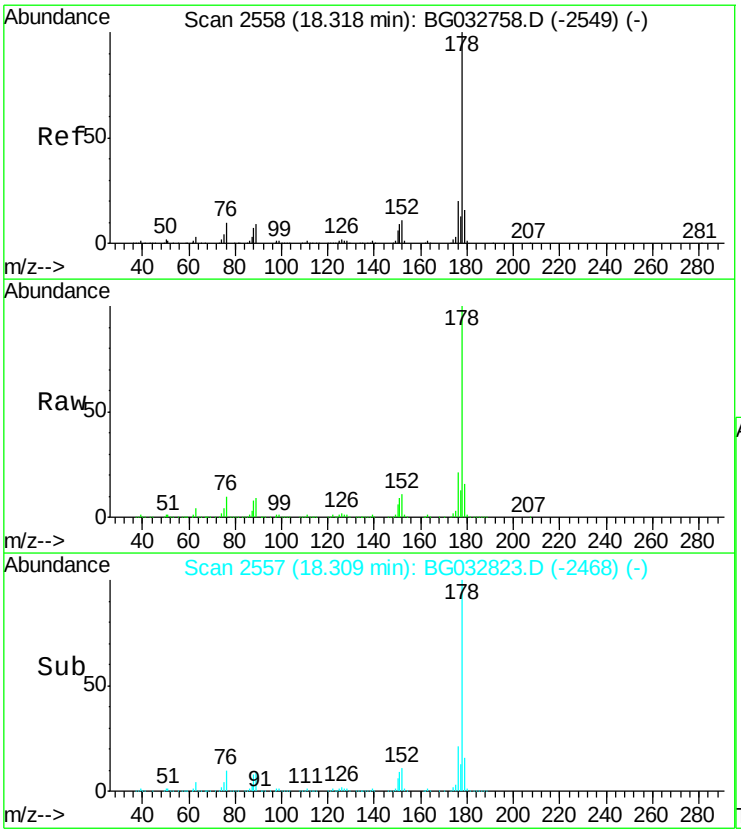
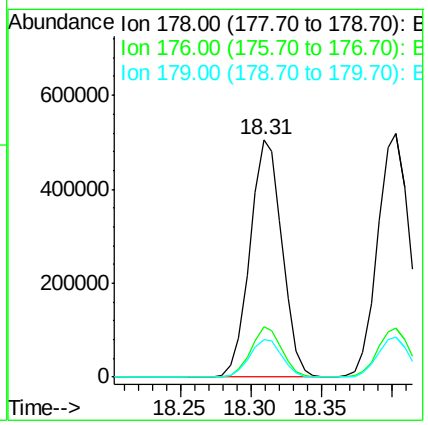
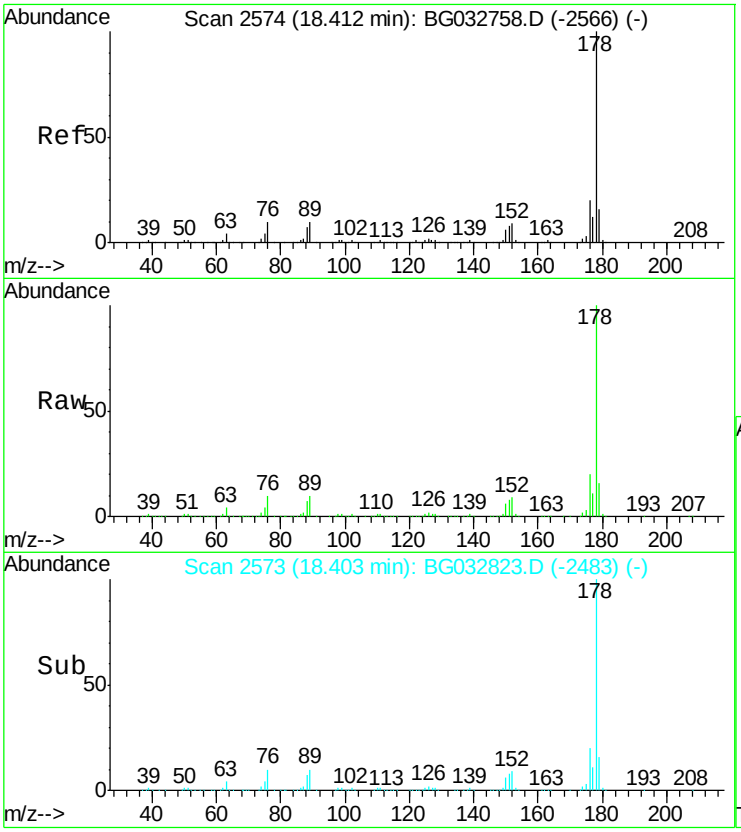


#70
Phenanthrene
Concen: 33.977 ng
RT: 18.31 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:178 Resp: 806282

Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.7	23.5
179	15.7	12.5	18.7

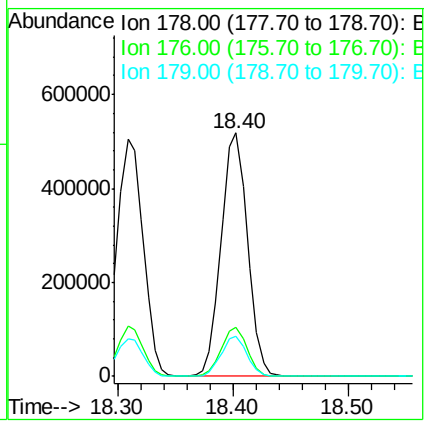




#71
Anthracene
Concen: 34.459 ng
RT: 18.40 min Scan# 2573
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:178 Resp: 820946

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.0	24.0
179	16.5	12.5	18.7



Instrument :
BNA_G
ClientSampleId :
T-3-ROADMSD

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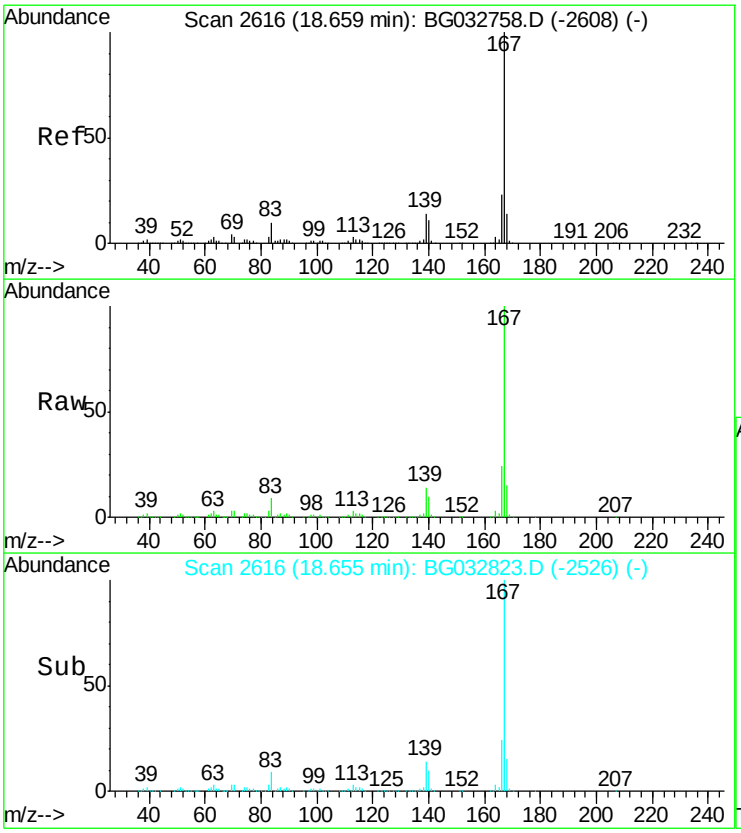
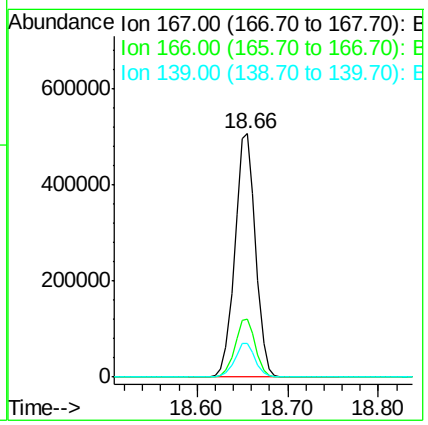
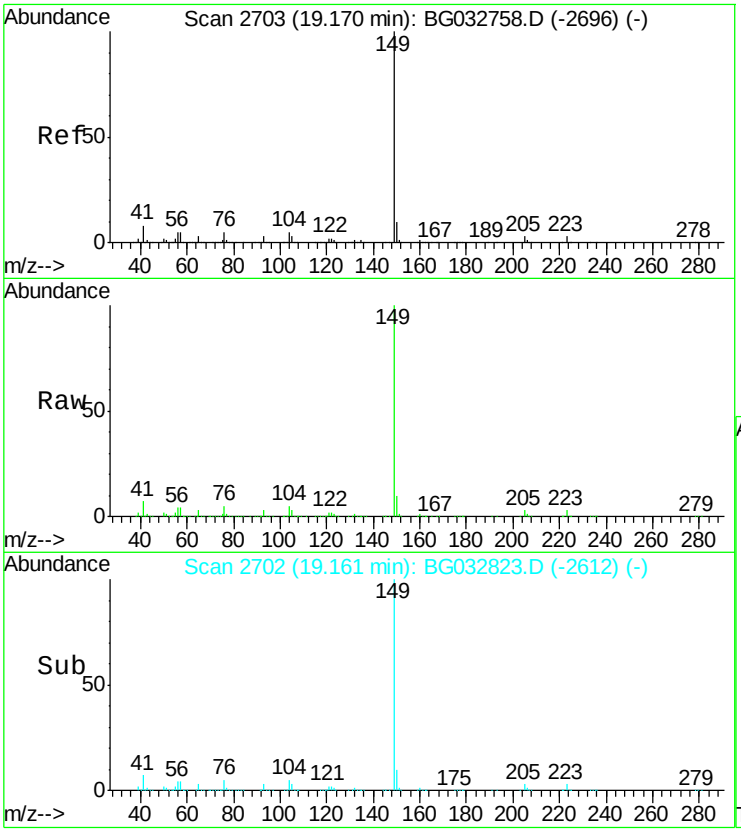


#72
Carbazole
Concen: 34.359 ng
RT: 18.66 min Scan# 2616
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:167 Resp: 806824

Ion	Ratio	Lower	Upper
167	100		
166	23.7	18.2	27.4
139	13.7	9.4	14.2

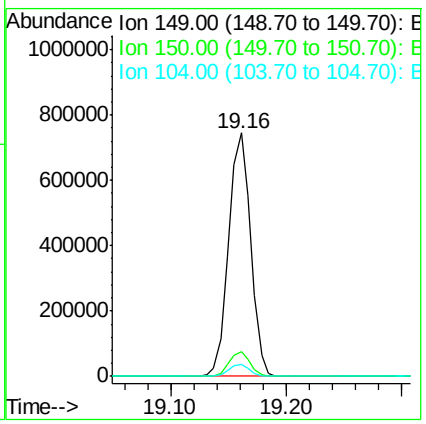




#73
Di-n-butylphthalate
Concen: 34.150 ng
RT: 19.16 min Scan# 2702
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:149 Resp: 983793

Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.8	11.6
104	5.0	3.9	5.9



Instrument :
BNA_G
ClientSampleId :
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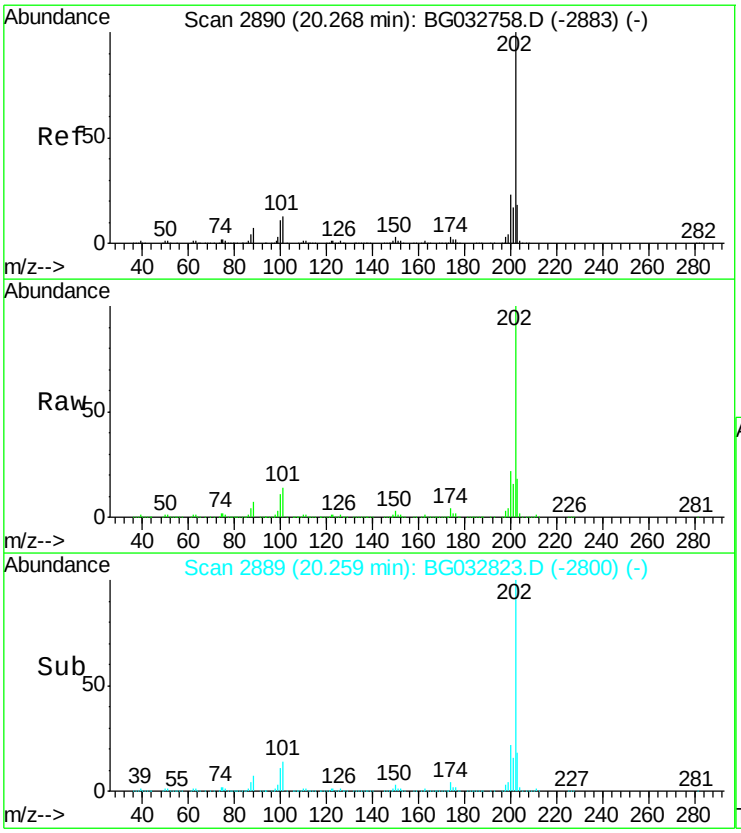
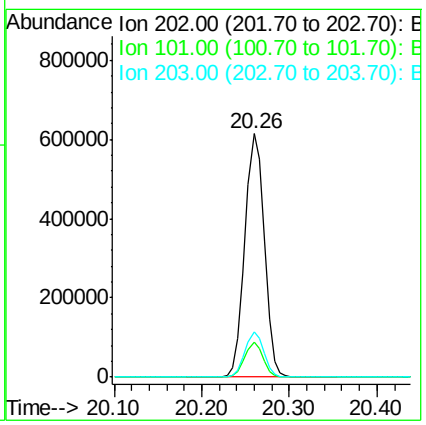
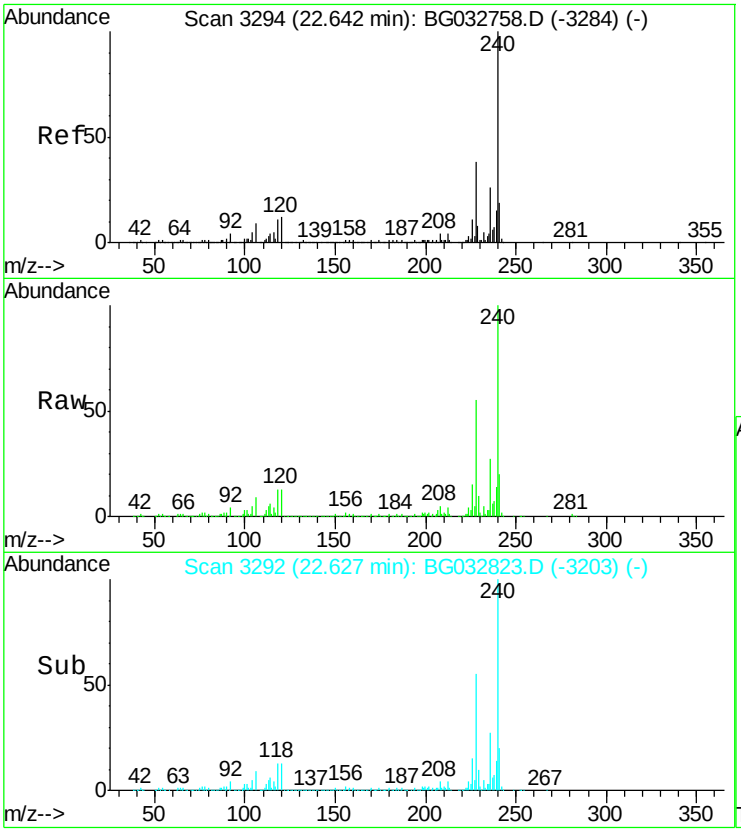


#74
Fluoranthene
Concen: 34.890 ng
RT: 20.26 min Scan# 2889
Delta R.T. -0.01 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:202 Resp: 914574

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	28.9
203	18.5	0.0	37.5

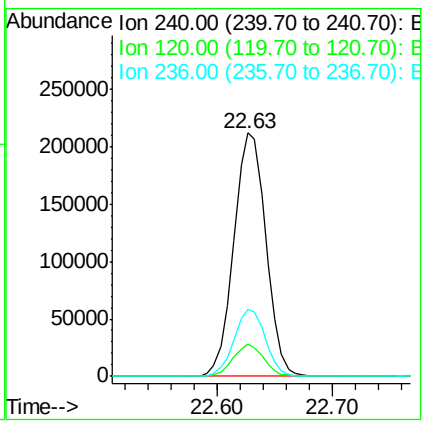




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.63 min Scan# 3292
Delta R.T. -0.01 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:240 Resp: 408603

Ion	Ratio	Lower	Upper
240	100		
120	13.3	6.8	10.2#
236	27.4	20.9	31.3



Instrument :
BNA_G
ClientSampleId :
T-3-ROADMSD

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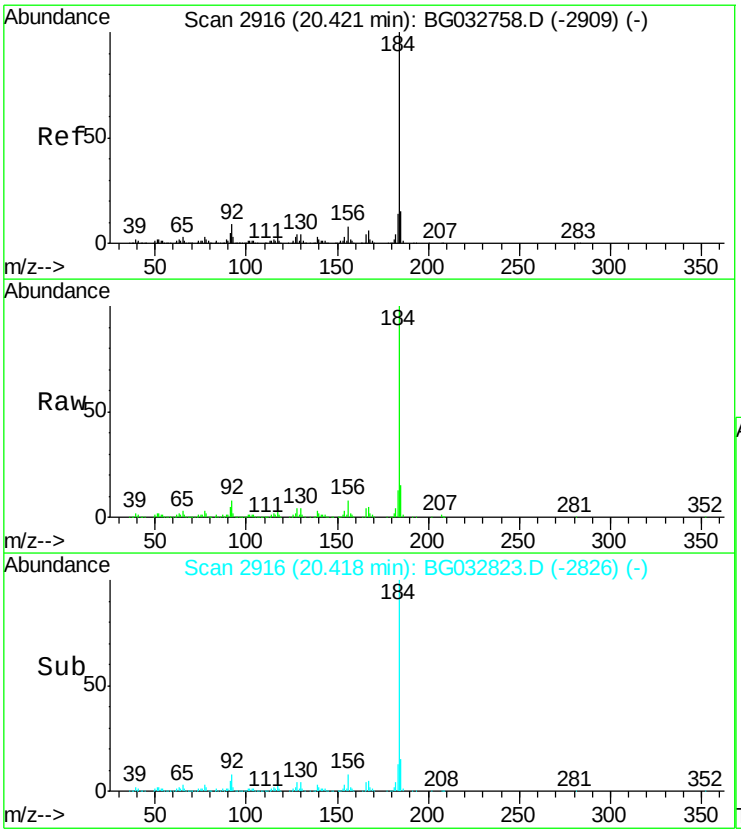
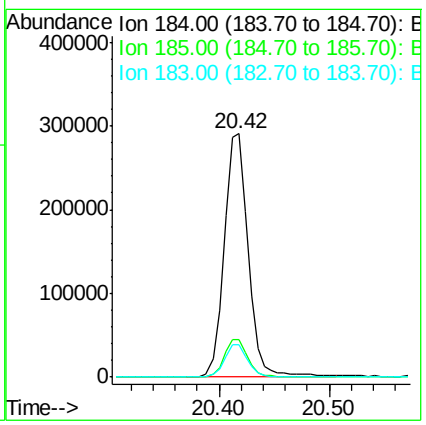
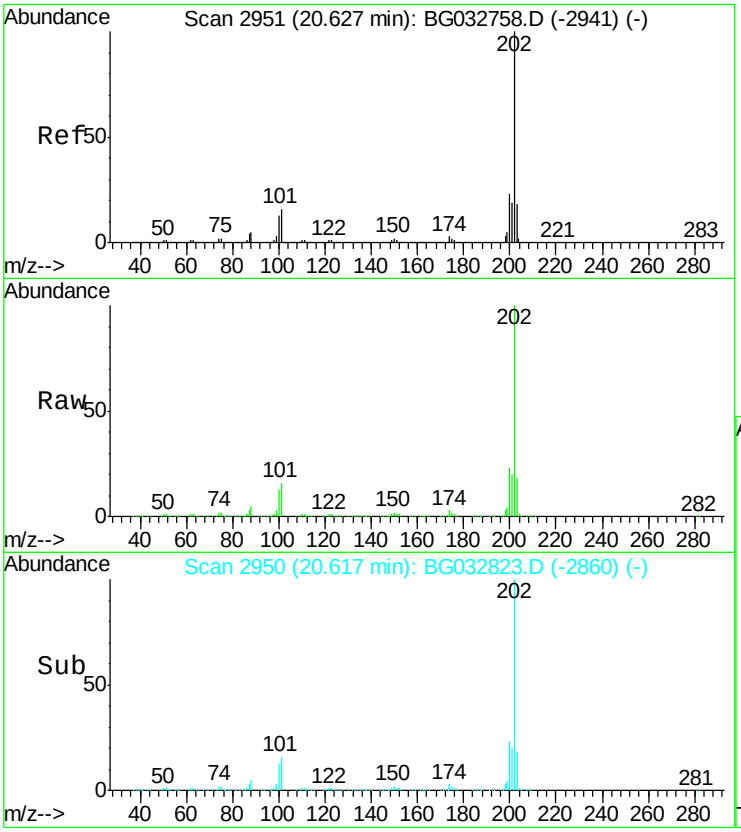


#76
Benzidine
Concen: 31.858 ng
RT: 20.42 min Scan# 2916
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:184 Resp: 443713

Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.1	16.7
183	13.4	10.6	16.0

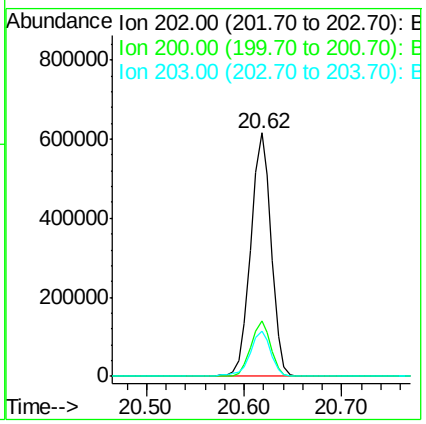




#77
Pyrene
Concen: 31.639 ng
RT: 20.62 min Scan# 2950
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:202 Resp: 911668

Ion	Ratio	Lower	Upper
202	100		
200	22.8	16.9	25.3
203	18.4	13.9	20.9



Instrument :
BNA_G
ClientSampleId :
T-3-ROADMSD

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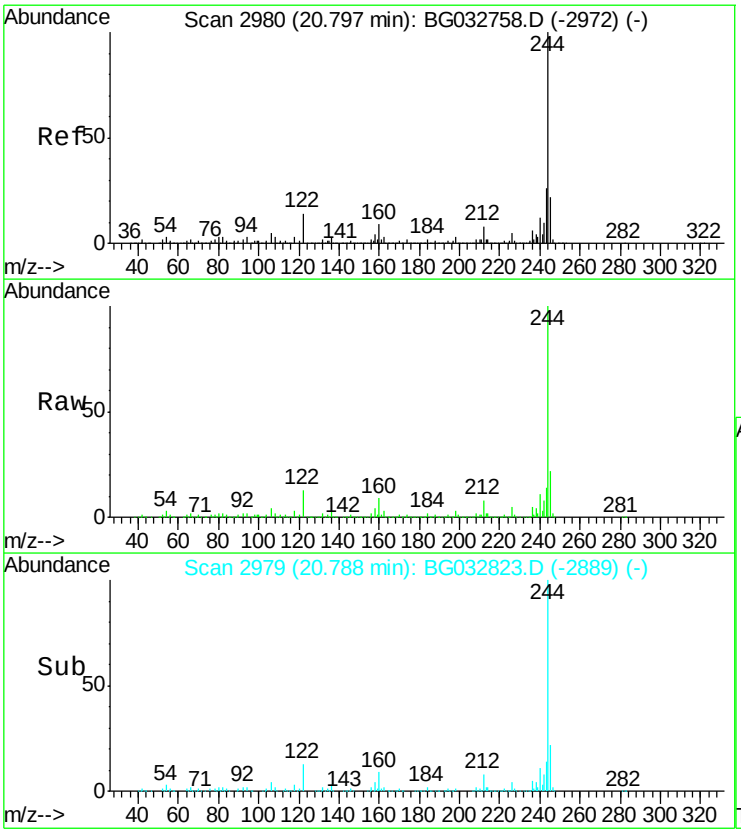
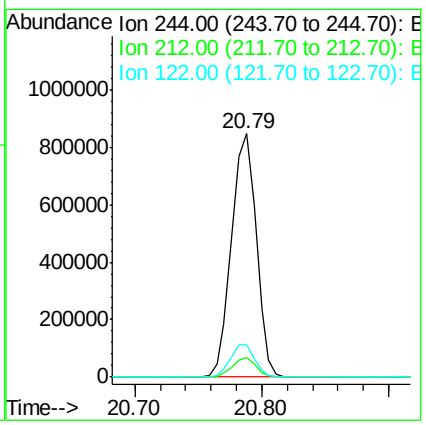
2/27/2018 10:23:12 AM

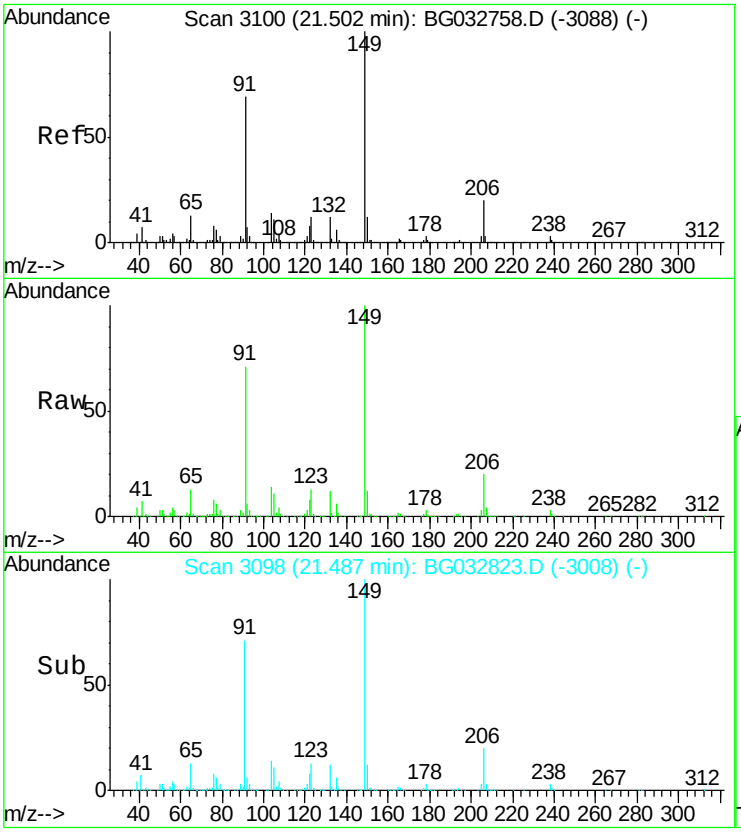


#78
Terphenyl-d14
Concen: 62.914 ng
RT: 20.79 min Scan# 2979
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:244 Resp: 1144183

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	13.2	7.0	10.4#





#79
Butylbenzylphthalate
Concen: 36.499 ng
RT: 21.49 min Scan# 3098
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:149 Resp: 466296

Ion	Ratio	Lower	Upper
149	100		
91	71.3	62.2	93.2
206	19.6	18.6	27.8

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMSD

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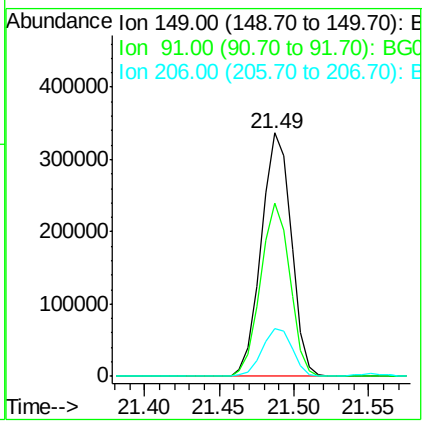
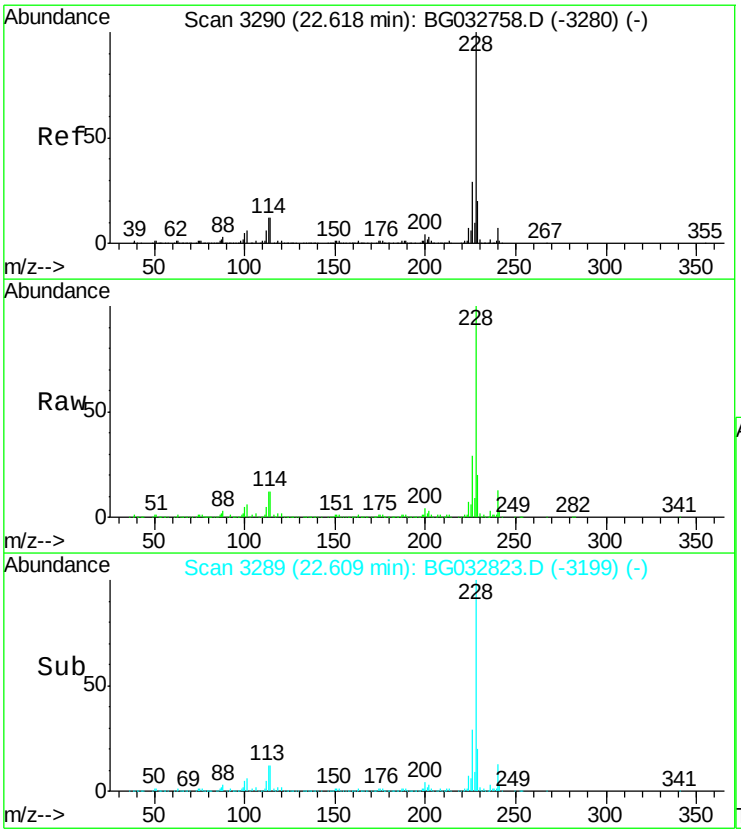
2/27/2018 10:23:12 AM

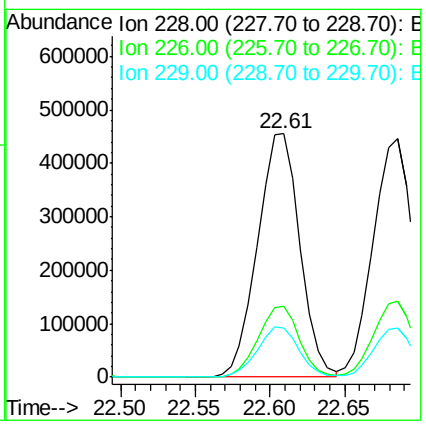


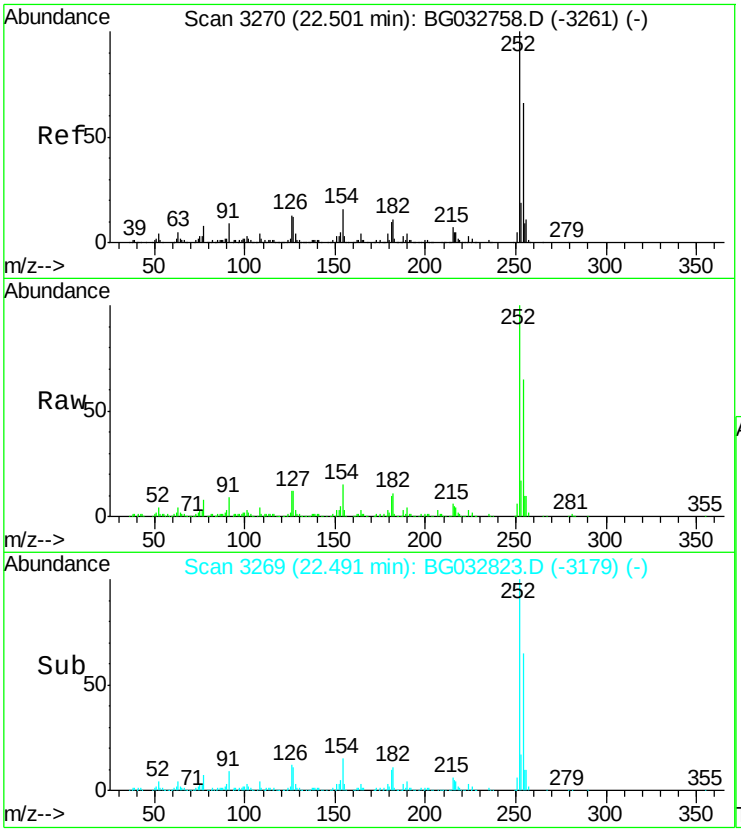


#80
Benzo(a)anthracene
Concen: 34.131 ng
RT: 22.61 min Scan# 3289
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:228 Resp: 894295

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.7	34.1
229	20.0	16.2	24.2

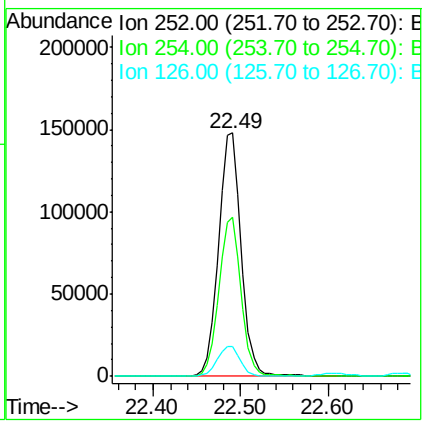




#81
3,3'-Dichlorobenzidine
Concen: 27.224 ng
RT: 22.49 min Scan# 3269
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:252 Resp: 264190

Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.8	76.2
126	12.4	7.4	11.2#



Instrument :
BNA_G
ClientSampleId :
T-3-ROADMSD

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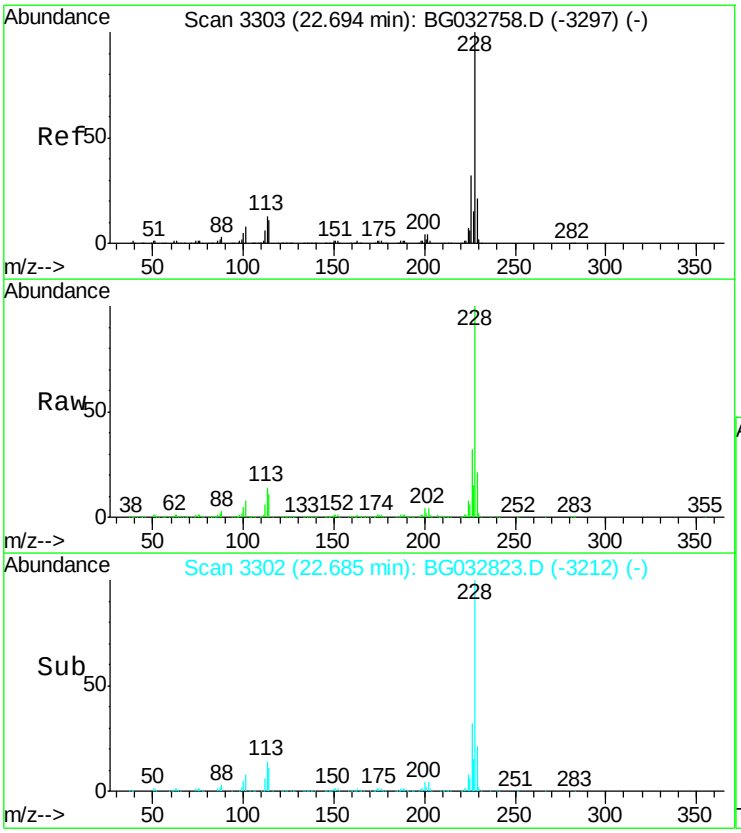
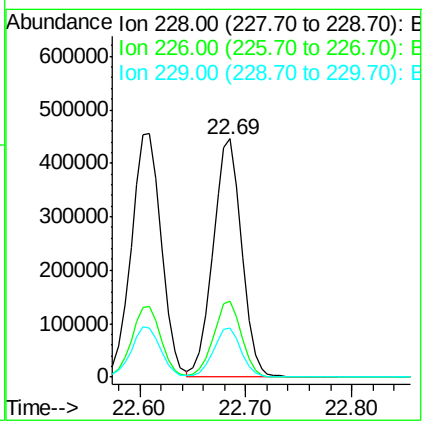
2/27/2018 10:23:12 AM

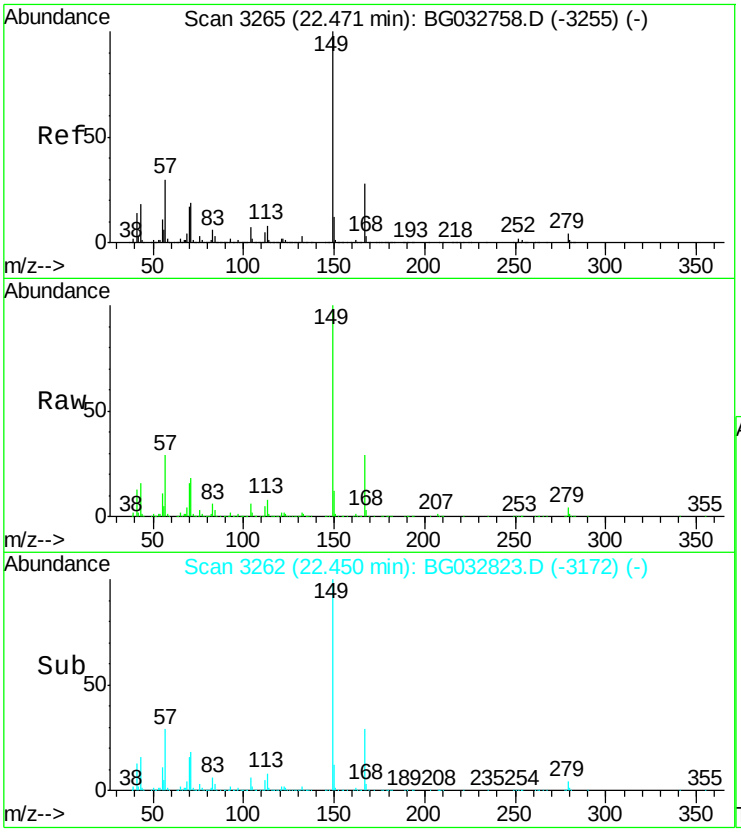


#82
Chrysene
Concen: 33.401 ng
RT: 22.69 min Scan# 3302
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:228 Resp: 835989

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.9	37.3
229	20.6	15.0	22.4





#83
Bis(2-ethylhexyl)phthalate
Concen: 35.995 ng
RT: 22.45 min Scan# 3262
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:149 Resp: 680690

Ion	Ratio	Lower	Upper
149	100		
167	28.6	24.3	36.5
279	4.0	4.0	6.0#

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMSD

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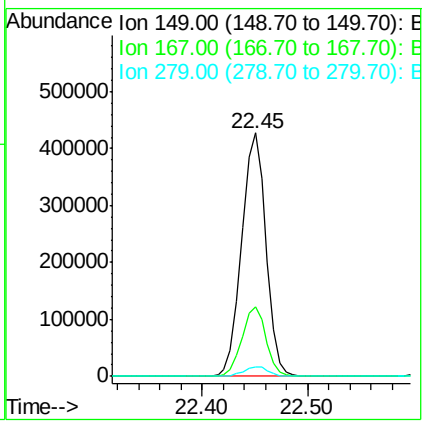
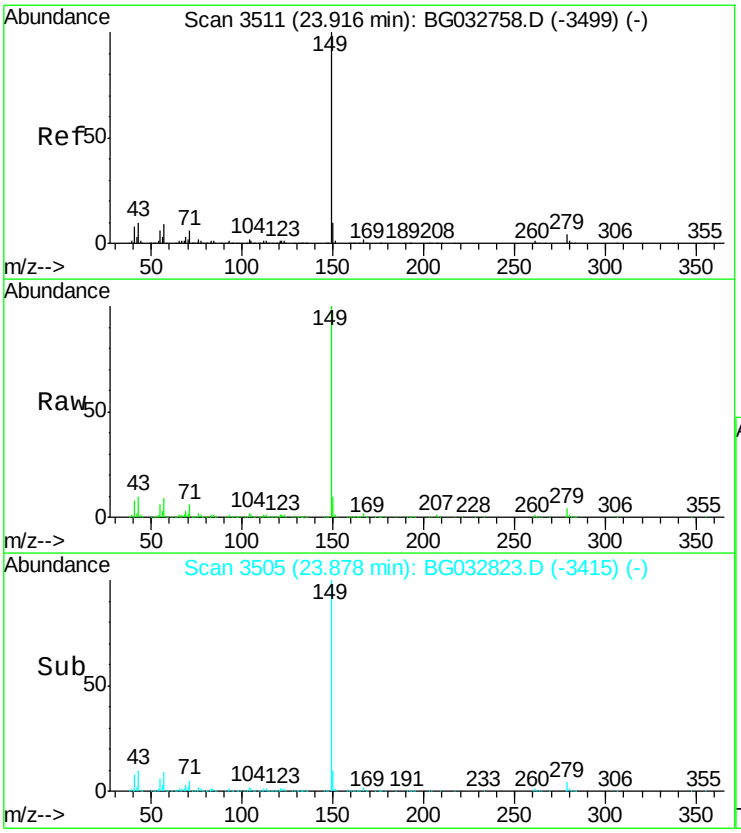
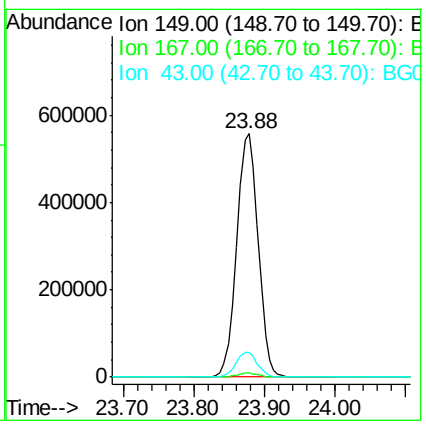


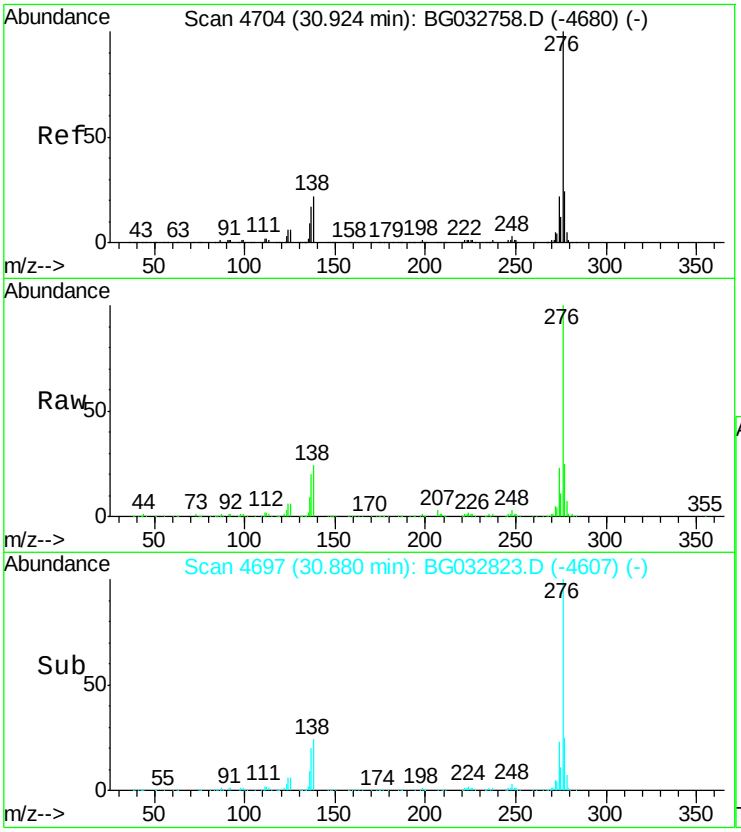


#84
Di-n-octyl phthalate
Concen: 40.705 ng
RT: 23.88 min Scan# 3505
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:149 Resp: 1173322

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	10.1	8.9	13.3

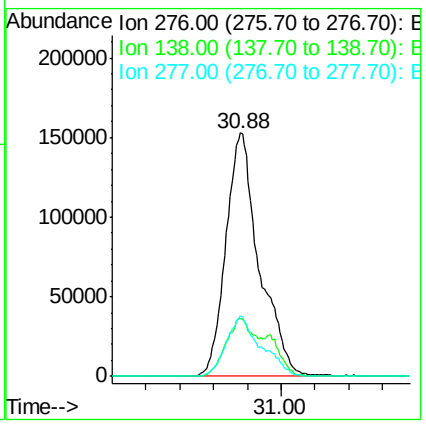




#85
Indeno(1,2,3-cd)pyrene
Concen: 35.866 ng
RT: 30.88 min Scan# 4697
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:276 Resp: 1046936

Ion	Ratio	Lower	Upper
276	100		
138	21.3	16.0	24.0
277	25.8	20.0	30.0



Instrument :
BNA_G
ClientSampleId :
T-3-ROADMSD

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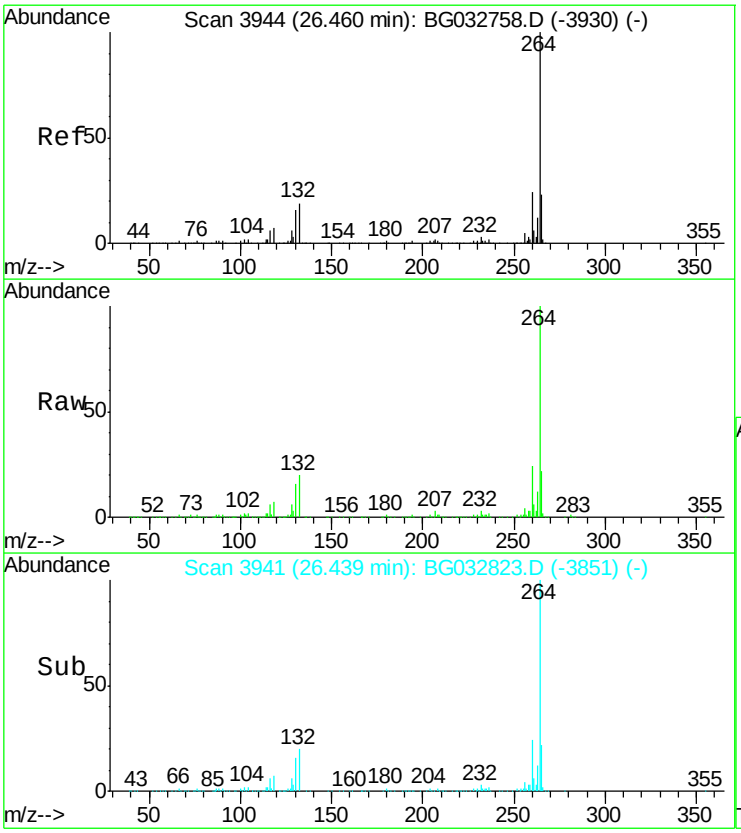
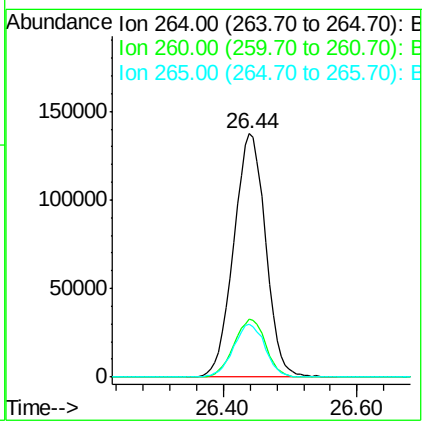
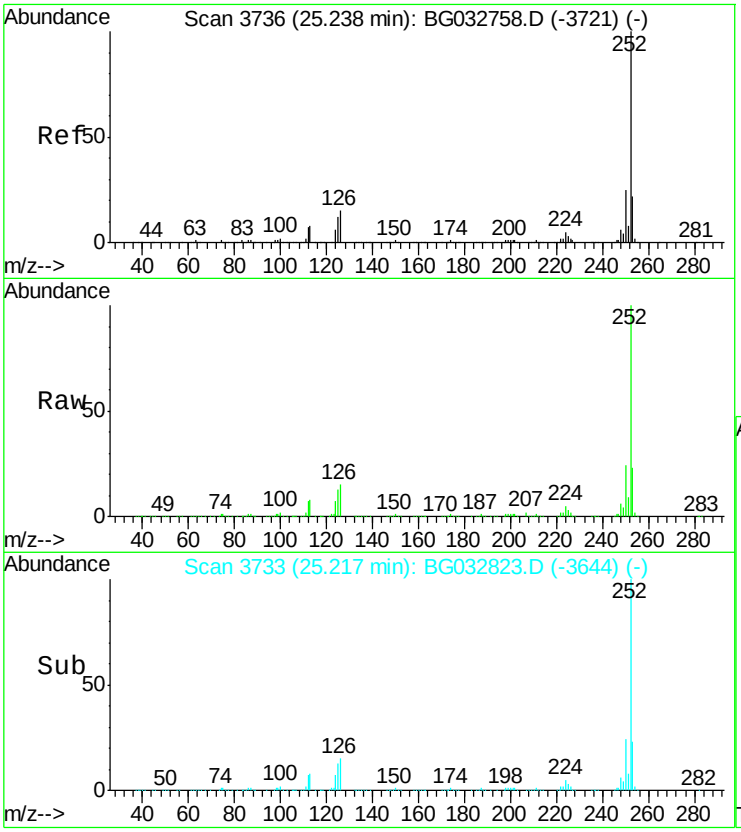


#86
Perylene-d12
Concen: 20.000 ng
RT: 26.44 min Scan# 3941
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:264 Resp: 452669

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	21.7	17.7	26.5

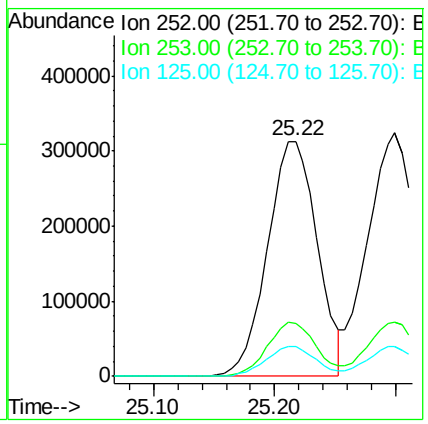




#87
Benzo(b)fluoranthene
Concen: 33.317 ng
RT: 25.22 min Scan# 3733
Delta R.T. -0.01 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:252 Resp: 891719

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	12.7	7.2	10.8#



Instrument :
BNA_G
ClientSampleId :
T-3-ROADMSD

Manual Integrations APPROVED
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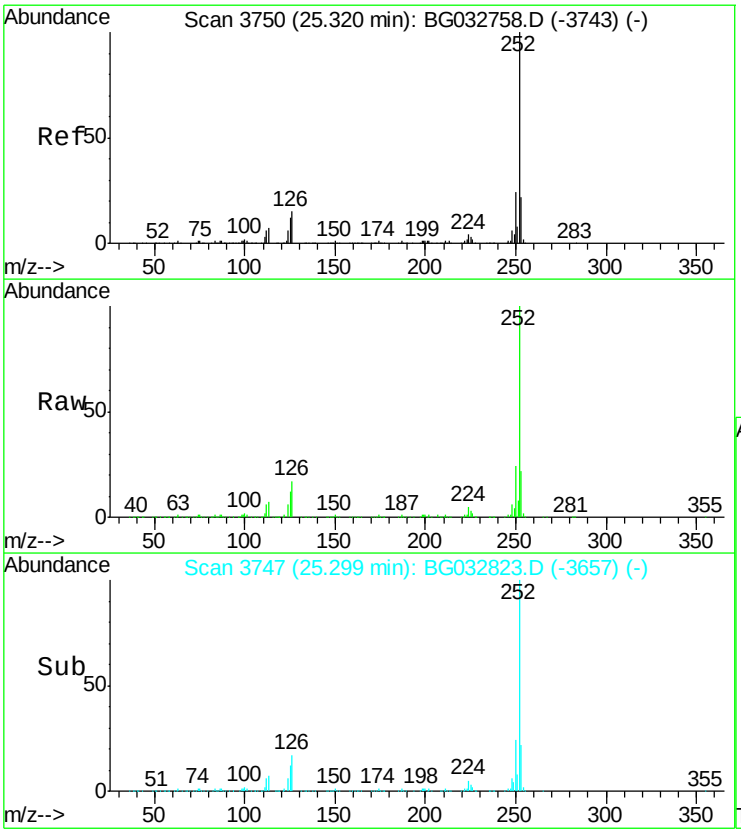
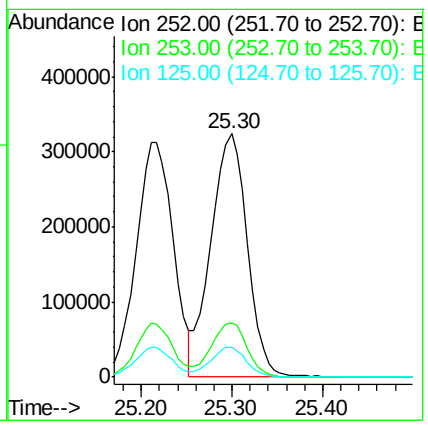
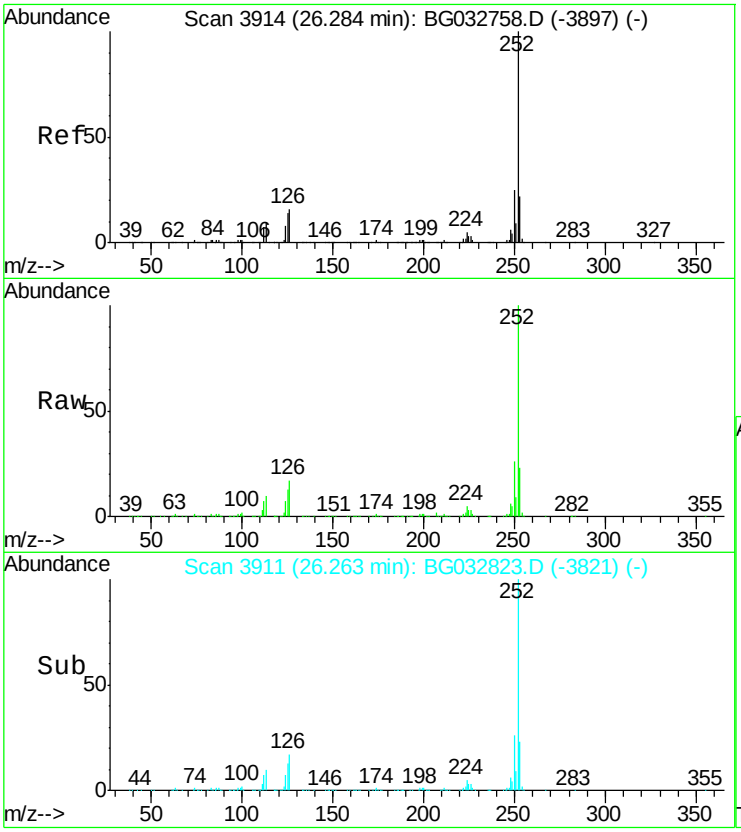


#88
Benzo(k)fluoranthene
Concen: 33.874 ng
RT: 25.30 min Scan# 3747
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:252 Resp: 901037

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	12.2	6.6	9.8#





#89
Benzo(a)pyrene
Concen: 34.671 ng
RT: 26.26 min Scan# 3911
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:252 Resp: 882635

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	13.0	7.3	10.9#

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMSD

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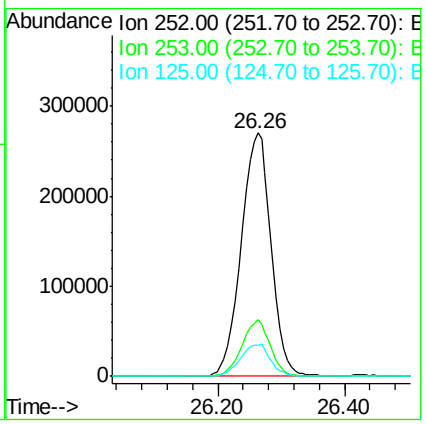
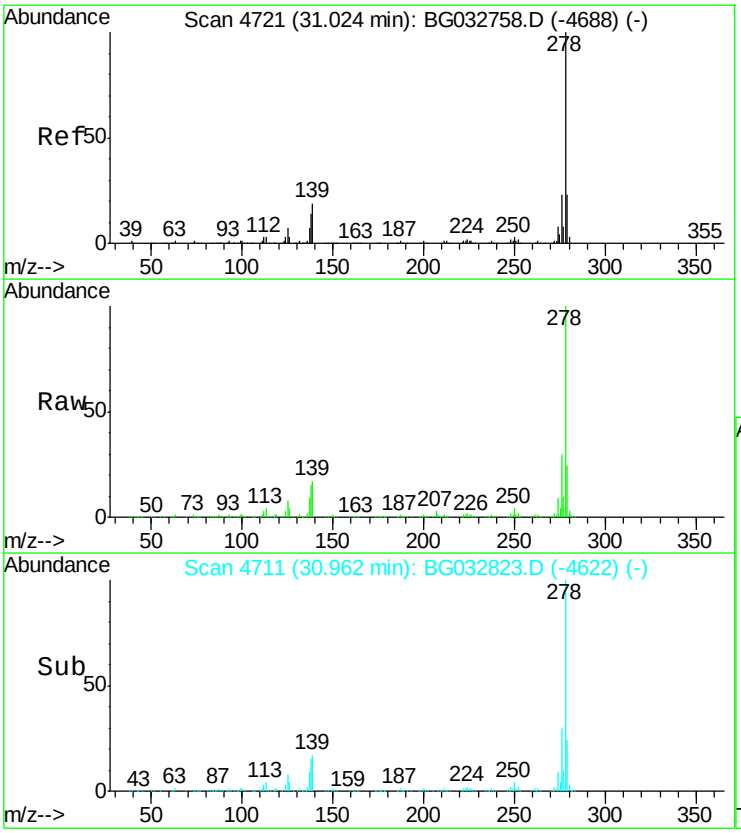
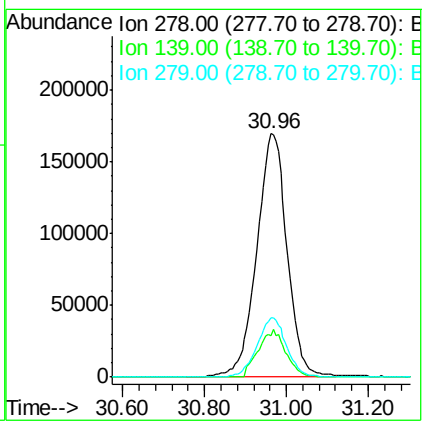


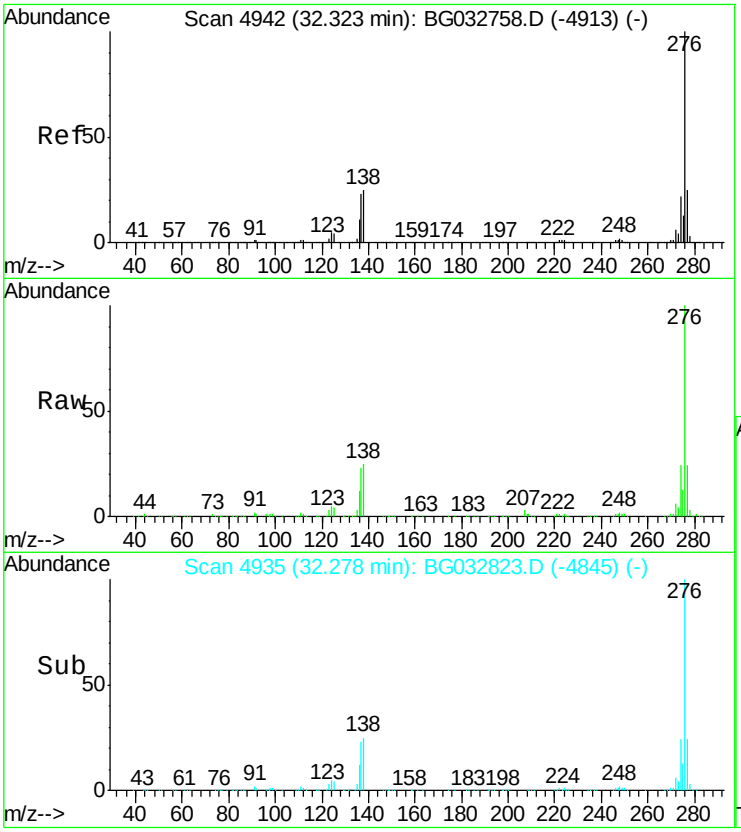


#90
Dibenzo(a,h)anthracene
Concen: 34.067 ng
RT: 30.96 min Scan# 4711
Delta R.T. -0.01 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:278 Resp: 872933

Ion	Ratio	Lower	Upper
278	100		
139	17.0	9.8	14.6#
279	24.2	18.4	27.6

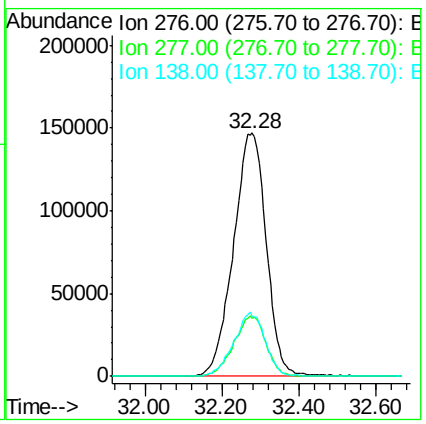




#91
Benzo(g,h,i)perylene
Concen: 34.532 ng
RT: 32.28 min Scan# 4935
Delta R.T. 0.00 min
Lab File: BG032823.D
Acq: 26 Feb 2018 15:53

Tgt Ion:276 Resp: 872261

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.3	27.5
138	25.0	13.9	20.9#



Instrument :
BNA_G
ClientSampleId :
T-3-ROADMSD

Manual Integrations APPROVED
Sohil
2/27/2018 10:23:12 AM