Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
Data File : BG055802.D
Acq On : 28 Nov 2022 12:43
Operator : CG/JU
Sample : PB149266BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 29 02:07:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 02:02:15 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB149266BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.228	152	41083	20.000	ng		0.00
21) Naphthalene-d8	11.060	136	190727	20.000	ng		0.00
39) Acenaphthene-d10	14.856	164	149188	20.000	ng		0.00
64) Phenanthrene-d10	17.600	188	362126	20.000	ng		0.00
76) Chrysene-d12	21.889	240	353237	20.000	ng		0.00
86) Perylene-d12	25.285	264	368944	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.766	112	322558	141.915	ng		0.00
7) Phenol-d6	7.382	99	429754	142.040	ng		0.00
23) Nitrobenzene-d5	9.403	82	261735	72.533	ng		0.00
42) 2,4,6-Tribromophenol	16.342	330	245728	116.971	ng		0.00
45) 2-Fluorobiphenyl	13.481	172	686438	68.931	ng		0.00
79) Terphenyl-d14	20.179	244	1336255	75.663	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.587	88	31945	32.888	ng		99
3) Pyridine	3.998	79	90961	30.526	ng		97
4) n-Nitrosodimethylamine	3.910	42	62014	39.309	ng		92
6) Aniline	7.547	93	163708	43.078	ng		98
8) 2-Chlorophenol	7.793	128	121852	46.896	ng		97
9) Benzaldehyde	7.359	77	69189	33.672	ng		97
10) Phenol	7.412	94	159332	47.032	ng		99
11) bis(2-Chloroethyl)ether	7.635	93	107804	41.524	ng		98
12) 1,3-Dichlorobenzene	8.117	146	122924	40.238	ng		95
13) 1,4-Dichlorobenzene	8.263	146	123763	40.092	ng		98
14) 1,2-Dichlorobenzene	8.587	146	122781	41.506	ng		98
15) Benzyl Alcohol	8.469	79	112146m	45.608	ng		
16) 2,2'-oxybis(1-Chloropr...	8.757	45	196397	41.788	ng		99
17) 2-Methylphenol	8.669	107	111481	46.351	ng		99
18) Hexachloroethane	9.327	117	42427	39.932	ng		99
19) n-Nitroso-di-n-propyla...	9.033	70	99278	42.706	ng		97
20) 3+4-Methylphenols	8.998	107	157126	46.766	ng		98
22) Acetophenone	9.057	105	186852	37.702	ng	#	99
24) Nitrobenzene	9.450	77	140801	37.356	ng		99
25) Isophorone	9.967	82	282211	41.276	ng		98
26) 2-Nitrophenol	10.161	139	73753	42.387	ng		97
27) 2,4-Dimethylphenol	10.214	122	129000m	48.713	ng		
28) bis(2-Chloroethoxy)met...	10.443	93	156511	42.640	ng		100
29) 2,4-Dichlorophenol	10.702	162	134288	42.367	ng		99
30) 1,2,4-Trichlorobenzene	10.919	180	130861	35.537	ng		99
31) Naphthalene	11.113	128	378289	36.690	ng		100
32) Benzoic acid	10.361	122	77649	35.639	ng		99
33) 4-Chloroaniline	11.213	127	131541	30.928	ng		98
34) Hexachlorobutadiene	11.383	225	86394	34.359	ng		96
35) Caprolactam	11.983	113	48856m	44.541	ng		
36) 4-Chloro-3-methylphenol	12.323	107	153720	44.125	ng		97
37) 2-Methylnaphthalene	12.699	142	292853	37.935	ng		99
38) 1-Methylnaphthalene	12.917	142	279361	37.276	ng		99
40) 1,2,4,5-Tetrachloroben...	13.064	216	168863	36.018	ng		99
41) Hexachlorocyclopentadiene	13.034	237	185847	78.651	ng		99
43) 2,4,6-Trichlorophenol	13.299	196	119044	37.224	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.375	196	134771	38.348	ng		98
46) 1,1'-Biphenyl	13.692	154	406330	37.375	ng		98
47) 2-Chloronaphthalene	13.739	162	305060	36.101	ng		98
48) 2-Nitroaniline	13.939	65	111074	39.981	ng		96
49) Acenaphthylene	14.580	152	522768	37.569	ng		100
50) Dimethylphthalate	14.298	163	449069	37.760	ng		100
51) 2,6-Dinitrotoluene	14.427	165	97566	40.123	ng		98
52) Acenaphthene	14.920	154	386705m	42.522	ng		
53) 3-Nitroaniline	14.756	138	80206	30.046	ng		99
54) 2,4-Dinitrophenol	14.967	184	127791	91.402	ng		96
55) Dibenzofuran	15.249	168	516537	36.818	ng		98
56) 4-Nitrophenol	15.067	139	168358	80.359	ng		99
57) 2,4-Dinitrotoluene	15.208	165	142503	41.565	ng		96
58) Fluorene	15.902	166	418388	37.338	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.479	232	126036	37.011	ng		99
60) Diethylphthalate	15.649	149	457221	38.026	ng		100
61) 4-Chlorophenyl-phenyle...	15.878	204	228406	37.082	ng		96
62) 4-Nitroaniline	15.919	138	107511	38.529	ng		99
63) Azobenzene	16.172	77	396399	37.762	ng		98
65) 4,6-Dinitro-2-methylph...	15.972	198	86423	42.740	ng		99
66) n-Nitrosodiphenylamine	16.095	169	383123	38.390	ng		99
67) 4-Bromophenyl-phenylether	16.777	248	154472	37.439	ng		98
68) Hexachlorobenzene	16.900	284	172475	37.699	ng		98
69) Atrazine	17.036	200	167457	42.427	ng		99
70) Pentachlorophenol	17.247	266	205497	73.426	ng		99
71) Phenanthrene	17.641	178	720910	36.891	ng		99
72) Anthracene	17.729	178	735222	38.722	ng		99
73) Carbazole	17.999	167	682610	39.990	ng		99
74) Di-n-butylphthalate	18.528	149	832978	39.301	ng		100
75) Fluoranthene	19.633	202	888062	37.354	ng		99
77) Benzidine	19.803	184	464244	56.809	ng		99
78) Pyrene	19.997	202	901951	37.723	ng		99
80) Butylbenzylphthalate	20.860	149	367301	39.241	ng		98
81) Benzo(a)anthracene	21.871	228	905944	37.236	ng		99
82) 3,3'-Dichlorobenzidine	21.771	252	289436	33.856	ng		99
83) Chrysene	21.942	228	846749	36.558	ng		99
84) Bis(2-ethylhexyl)phtha...	21.736	149	531333	39.499	ng		99
85) Di-n-octyl phthalate	22.999	149	906235	39.366	ng		100
87) Indeno(1,2,3-cd)pyrene	29.198	276	1085883	35.927	ng	#	94
88) Benzo(b)fluoranthene	24.198	252	960185	39.962	ng		99
89) Benzo(k)fluoranthene	24.274	252	940456	39.266	ng		99
90) Benzo(a)pyrene	25.126	252	849604	41.205	ng		99
91) Dibenzo(a,h)anthracene	29.262	278	931386	37.710	ng		99
92) Benzo(g,h,i)perylene	30.432	276	910773	36.587	ng		99

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

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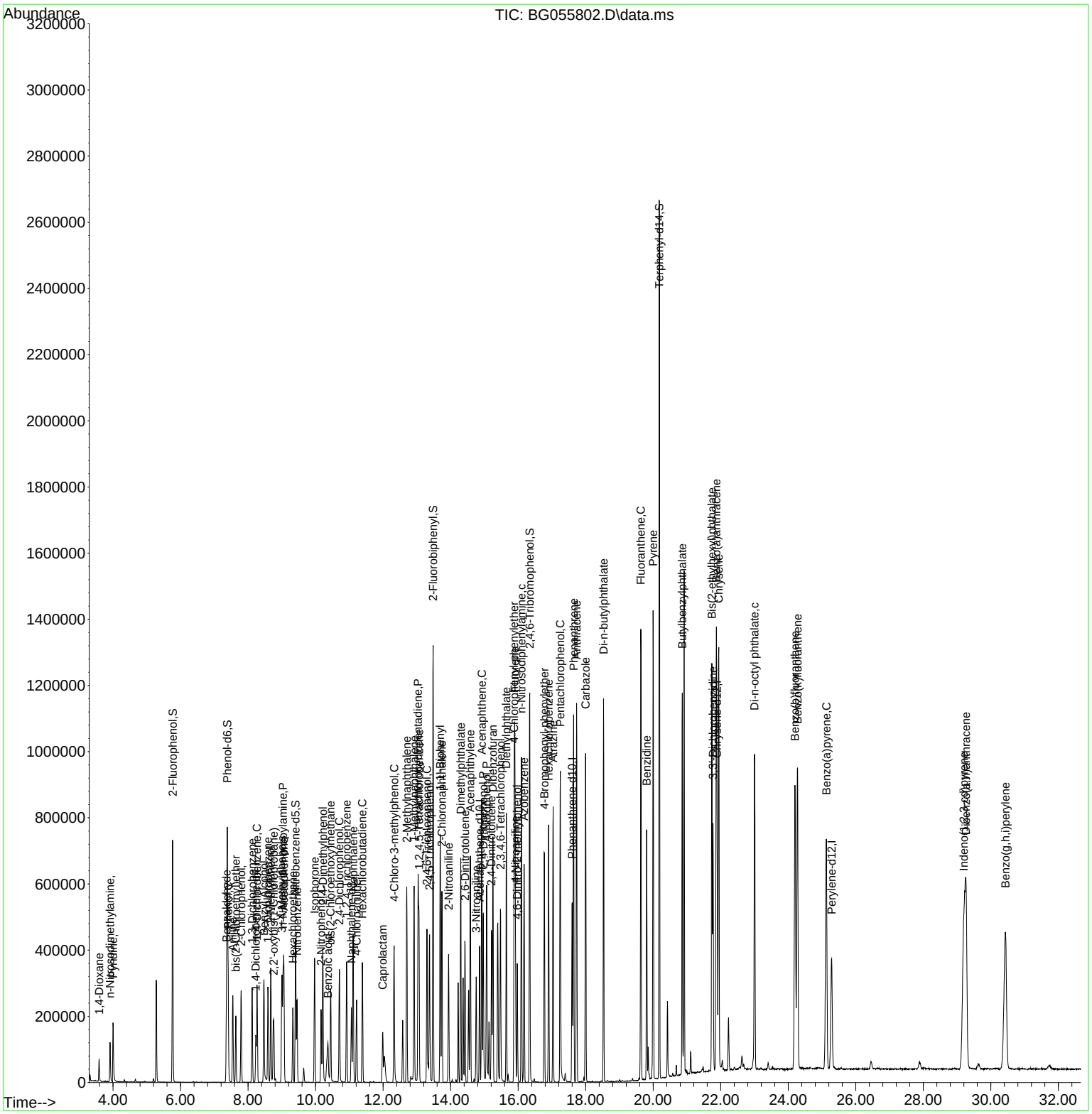
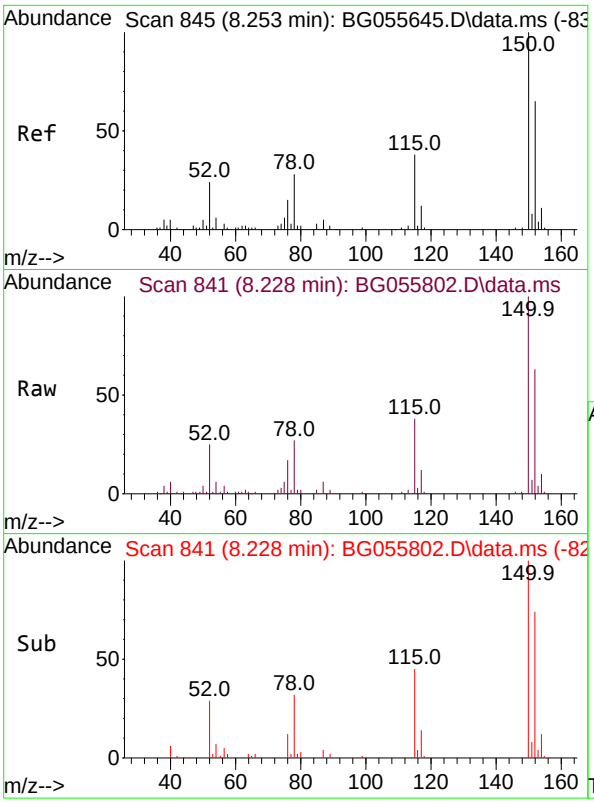
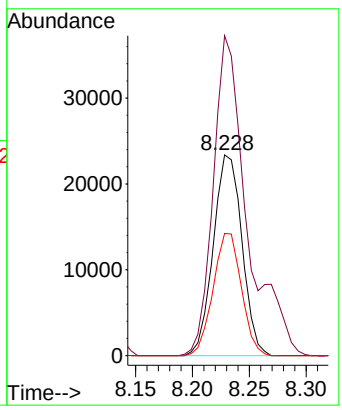




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.228 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:152 Resp: 4108

Ion	Ratio	Lower	Upper
152	100		
150	159.5	123.0	184.6
115	60.9	47.0	70.4



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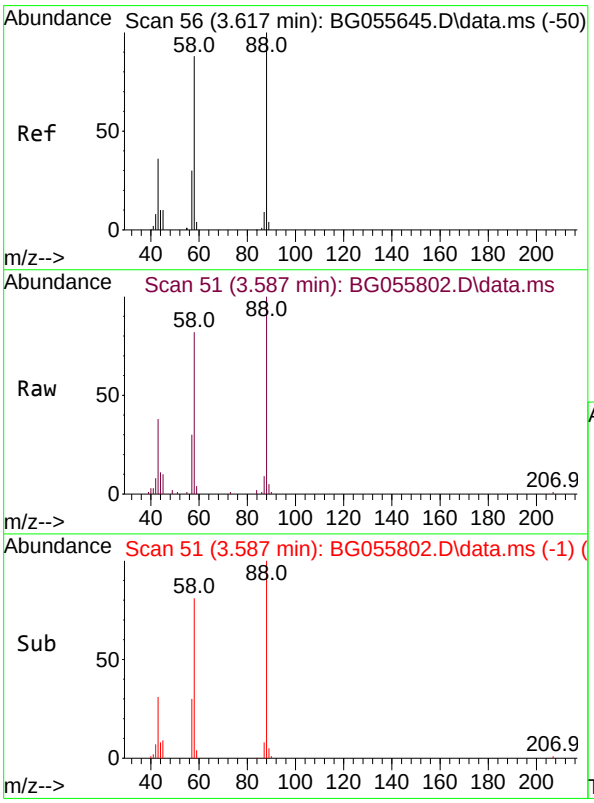
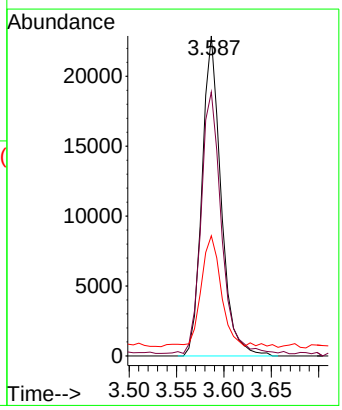
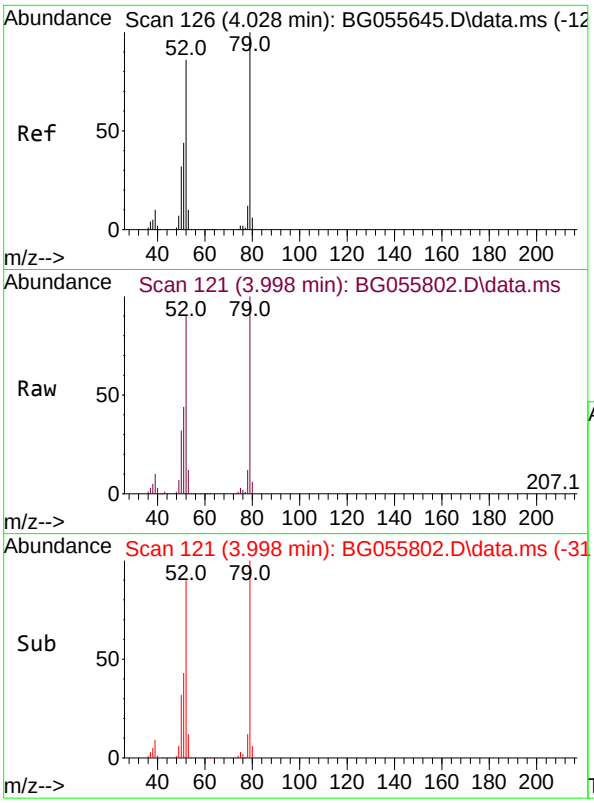


#2
1,4-Dioxane
Concen: 32.888 ng
RT: 3.587 min Scan# 51
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion: 88 Resp: 31945

Ion	Ratio	Lower	Upper
88	100		
58	87.7	71.3	106.9
43	36.4	28.6	43.0

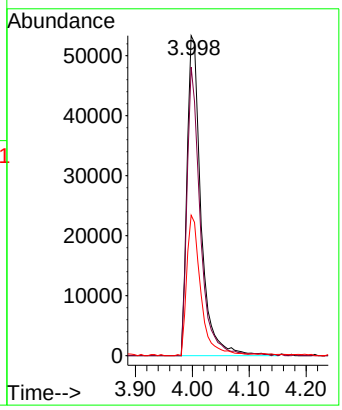




#3
Pyridine
Concen: 30.526 ng
RT: 3.998 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion: 79 Resp: 9096

Ion	Ratio	Lower	Upper
79	100		
52	90.2	68.9	103.3
51	43.9	34.8	52.2



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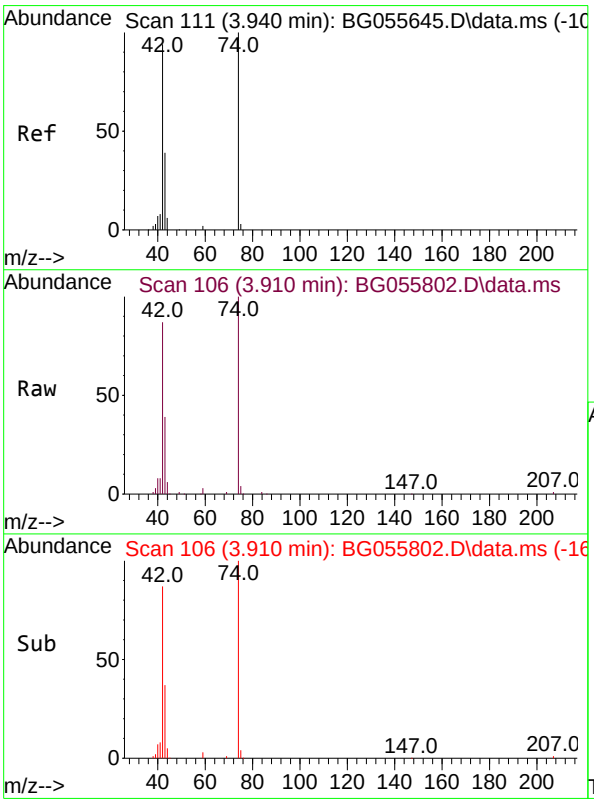
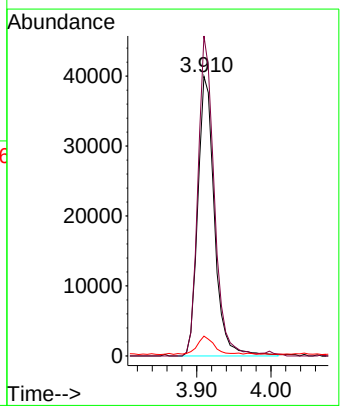
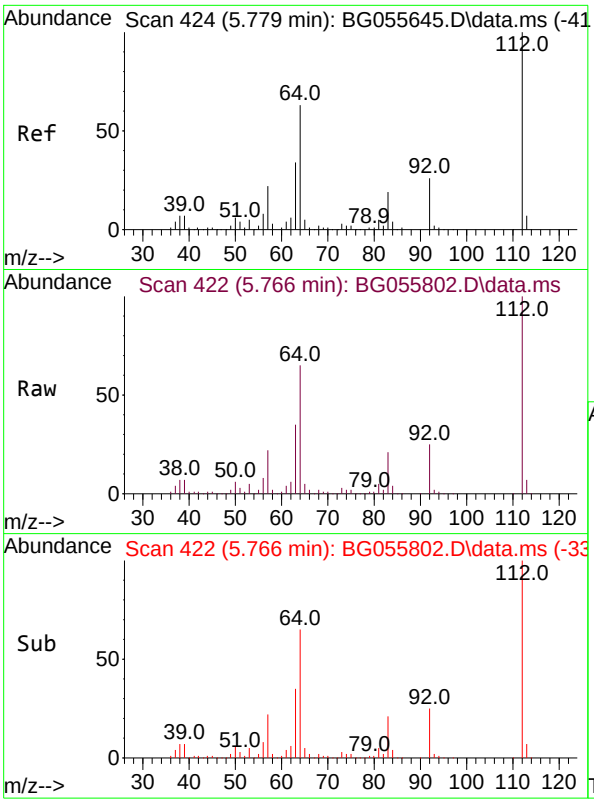


#4
n-Nitrosodimethylamine
Concen: 39.309 ng
RT: 3.910 min Scan# 106
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion: 42 Resp: 62014

Ion	Ratio	Lower	Upper
42	100		
74	114.5	84.7	127.1
44	7.1	5.4	8.0





#5
2-Fluorophenol
Concen: 141.915 ng
RT: 5.766 min Scan# 4
Delta R.T. 0.009 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:112 Resp: 32255

Ion	Ratio	Lower	Upper
112	100		
64	64.8	50.6	76.0
63	35.1	27.5	41.3

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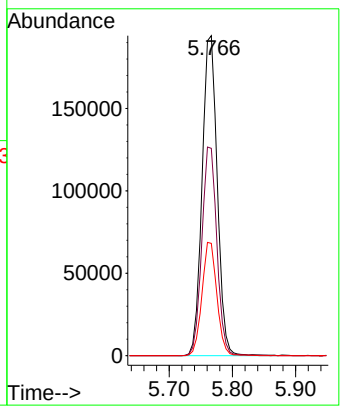
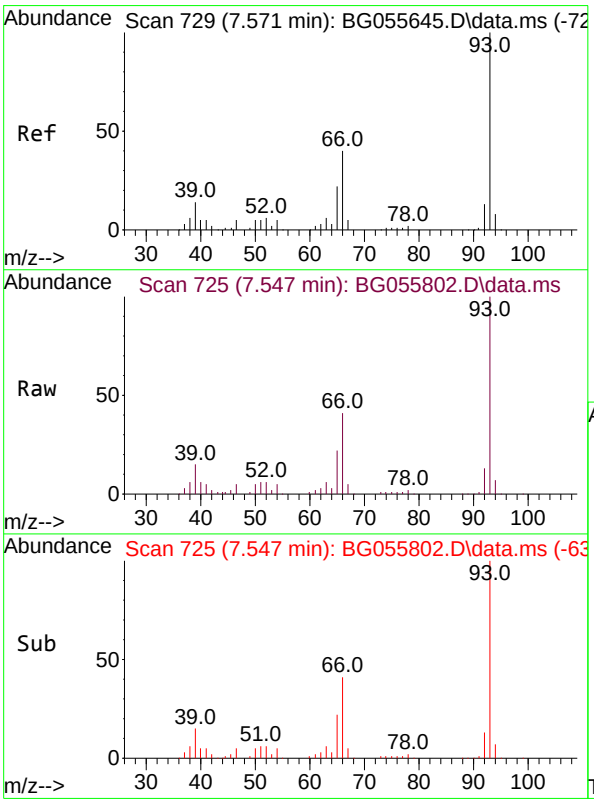
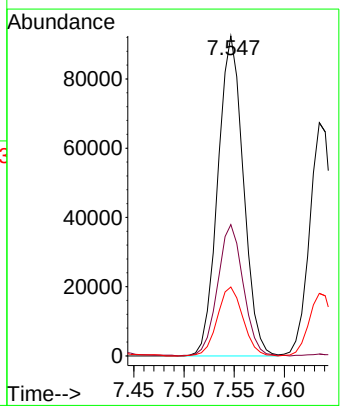


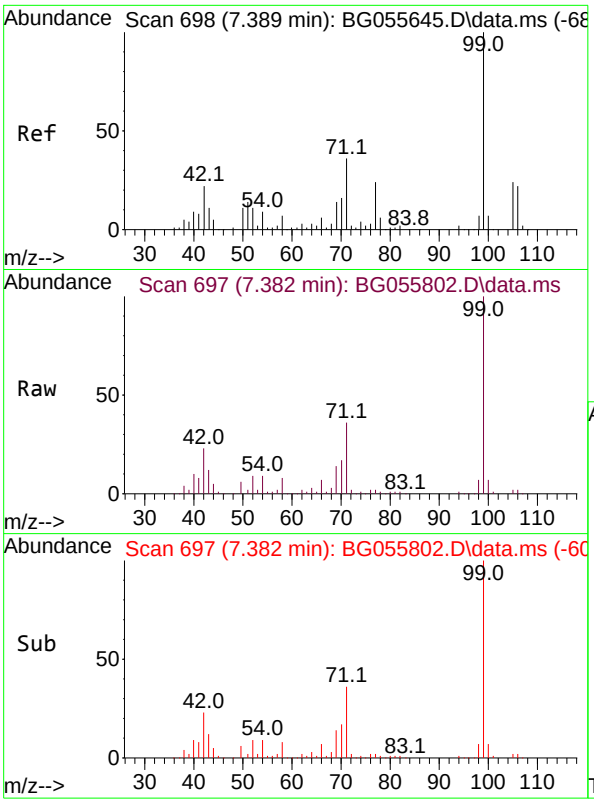


#6
Aniline
Concen: 43.078 ng
RT: 7.547 min Scan# 725
Delta R.T. 0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion: 93 Resp: 163708

Ion	Ratio	Lower	Upper
93	100		
66	41.0	31.7	47.5
65	21.5	17.9	26.9

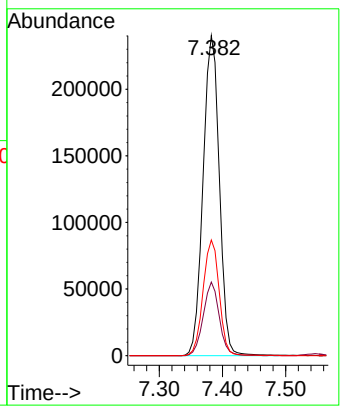




#7
Phenol-d6
Concen: 142.040 ng
RT: 7.382 min Scan# 69
Delta R.T. 0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion: 99 Resp: 429754

Ion	Ratio	Lower	Upper
99	100		
42	23.0	18.0	27.0
71	36.1	29.0	43.6



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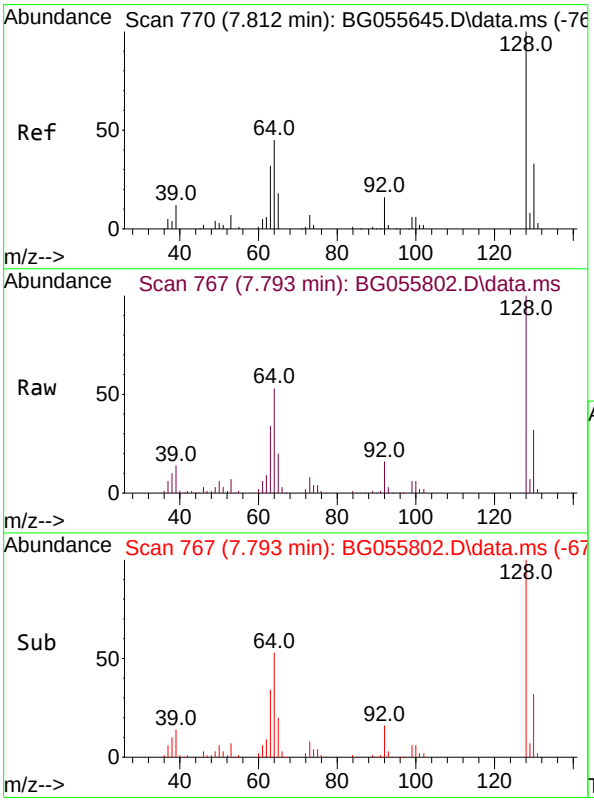
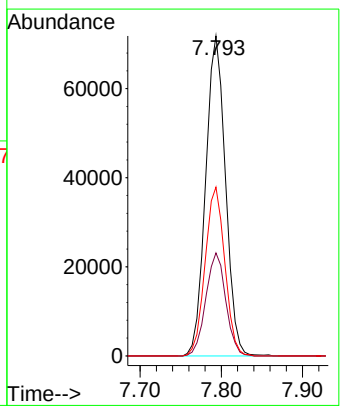
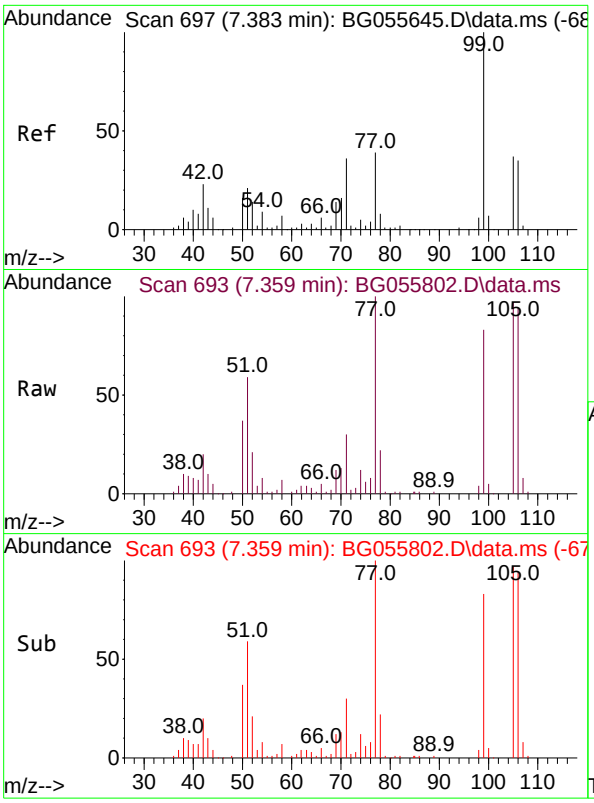


#8
2-Chlorophenol
Concen: 46.896 ng
RT: 7.793 min Scan# 767
Delta R.T. 0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:128 Resp: 121852

Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.1	53.1
64	52.7	30.2	70.2

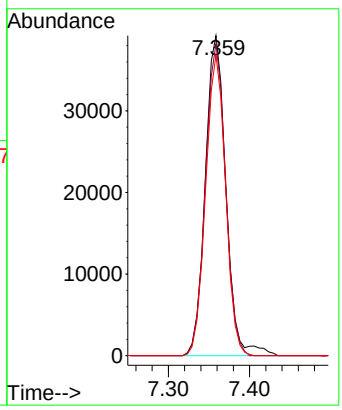




#9
Benzaldehyde
Concen: 33.672 ng
RT: 7.359 min Scan# 69
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion: 77 Resp: 6918

Ion	Ratio	Lower	Upper
77	100		
105	97.4	76.3	116.3
106	93.9	69.8	109.8



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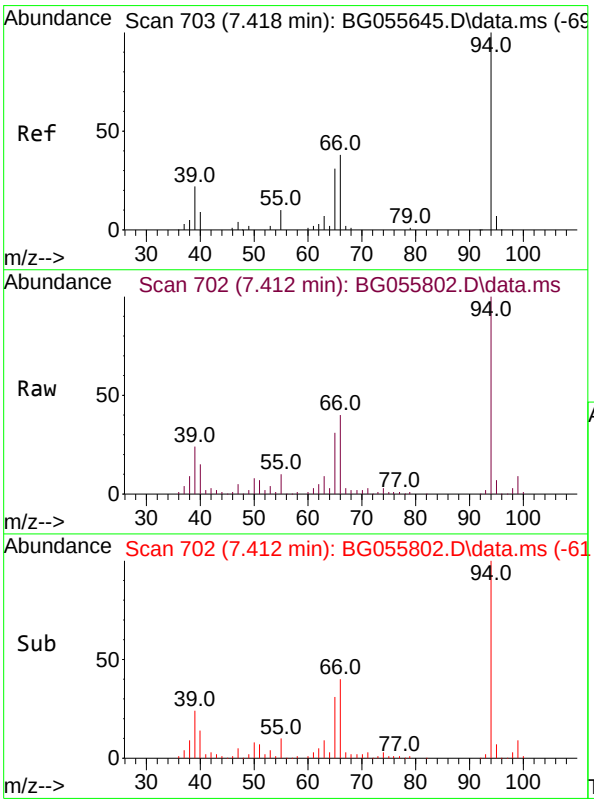
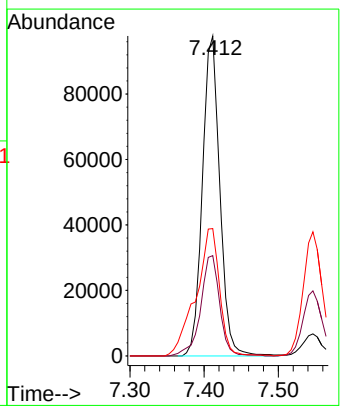
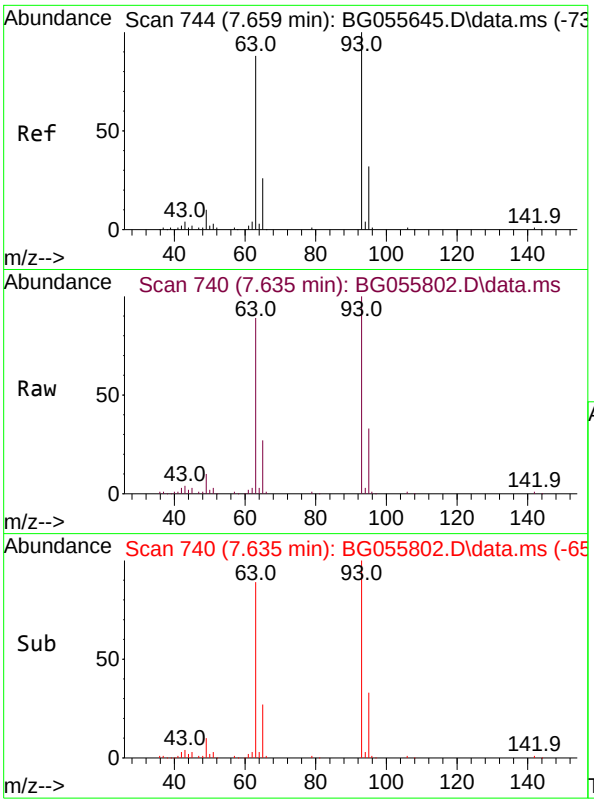


#10
Phenol
Concen: 47.032 ng
RT: 7.412 min Scan# 702
Delta R.T. 0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion: 94 Resp: 159332

Ion	Ratio	Lower	Upper
94	100		
65	31.3	11.8	51.8
66	39.8	20.5	60.5





#11
bis(2-Chloroethyl)ether
Concen: 41.524 ng
RT: 7.635 min Scan# 74
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion: 93 Resp: 10780

Ion	Ratio	Lower	Upper
93	100		
63	89.3	67.6	107.6
95	32.6	11.8	51.8

Instrument :
BNA_G
ClientSampleId :
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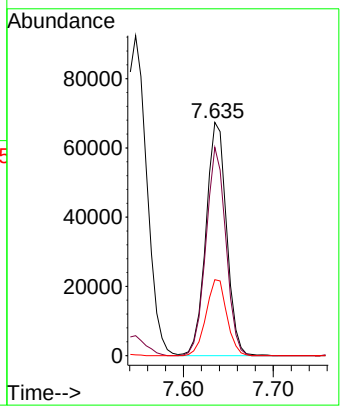
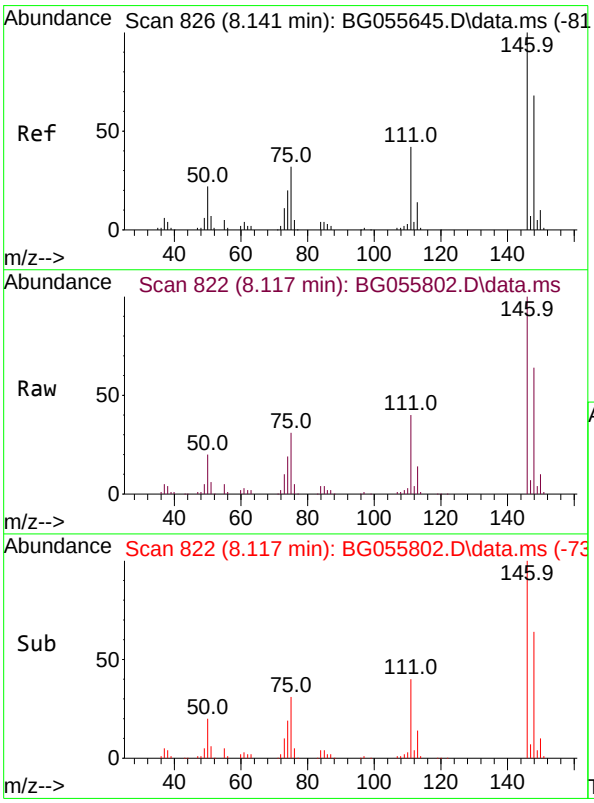
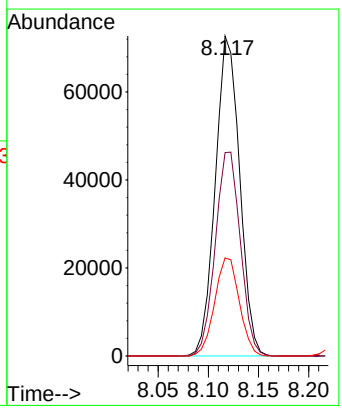


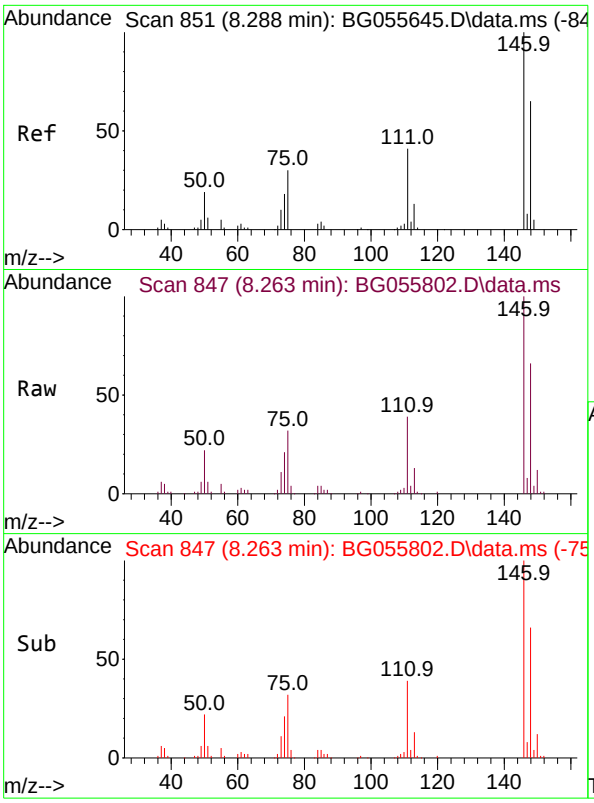


#12
1,3-Dichlorobenzene
Concen: 40.238 ng
RT: 8.117 min Scan# 822
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:146 Resp: 122924

Ion	Ratio	Lower	Upper
146	100		
148	63.5	54.6	81.8
75	30.6	25.8	38.6

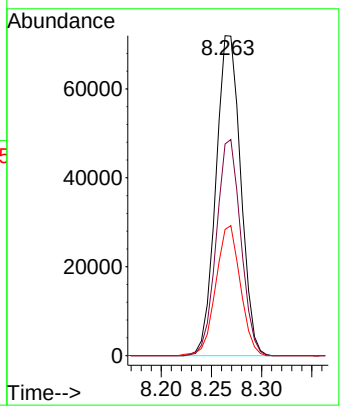




#13
1,4-Dichlorobenzene
Concen: 40.092 ng
RT: 8.263 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:146 Resp: 12376

Ion	Ratio	Lower	Upper
146	100		
148	66.1	52.1	78.1
111	39.4	33.0	49.4



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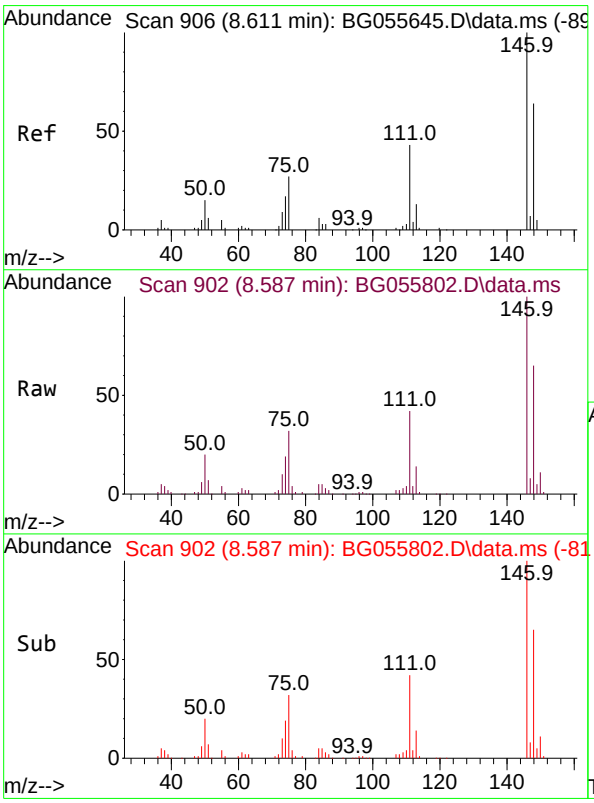
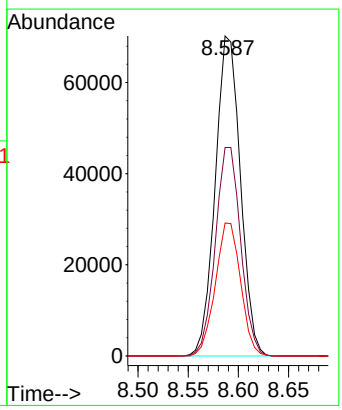
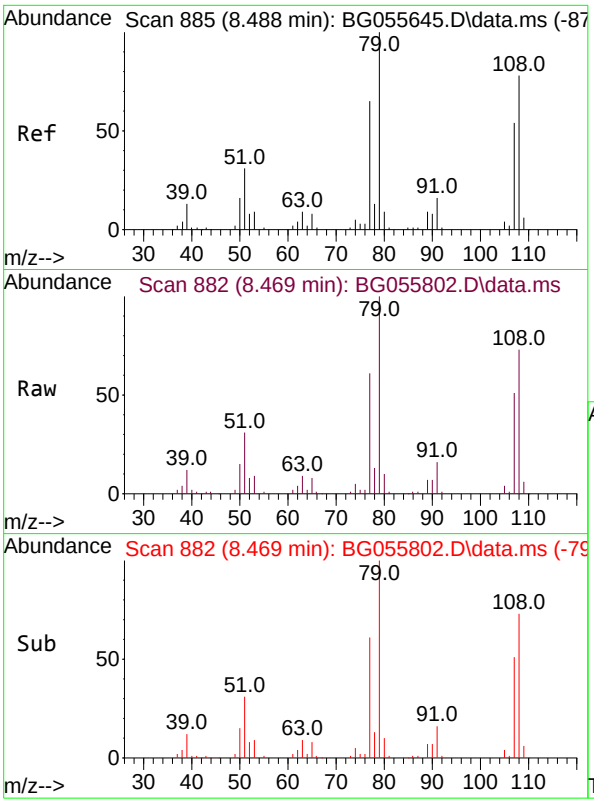


#14
1,2-Dichlorobenzene
Concen: 41.506 ng
RT: 8.587 min Scan# 902
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:146 Resp: 122781

Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.9	76.3
111	41.5	34.5	51.7

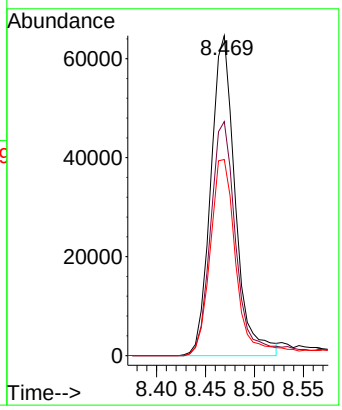




#15
Benzyl Alcohol
Concen: 45.608 ng m
RT: 8.469 min Scan# 88
Delta R.T. 0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion: 79 Resp: 11214

Ion	Ratio	Lower	Upper
79	100		
108	73.1	62.6	93.8
77	61.3	52.4	78.6



Instrument :
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ClientSampleId :
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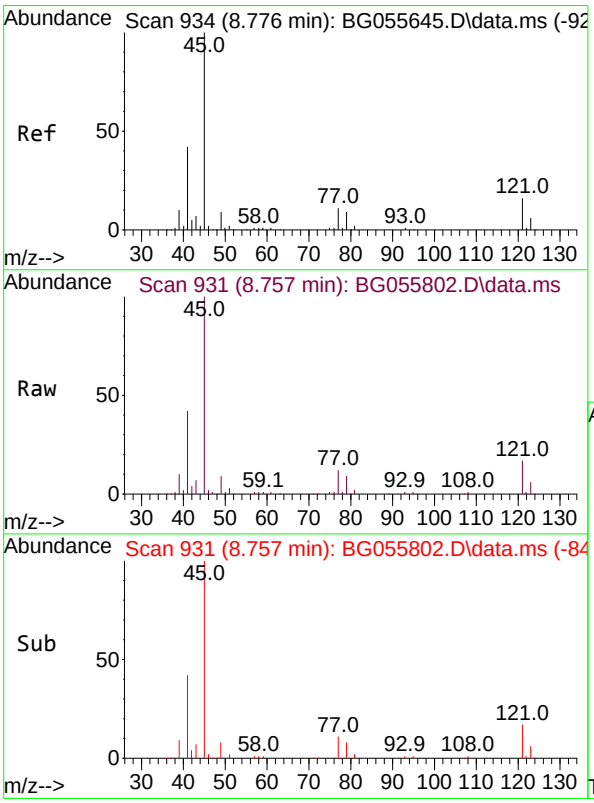
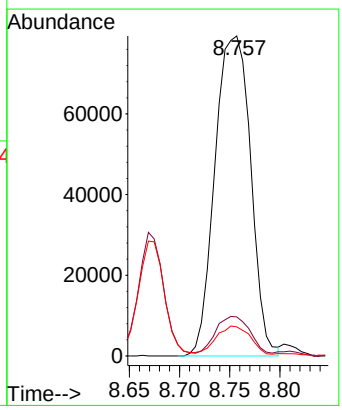
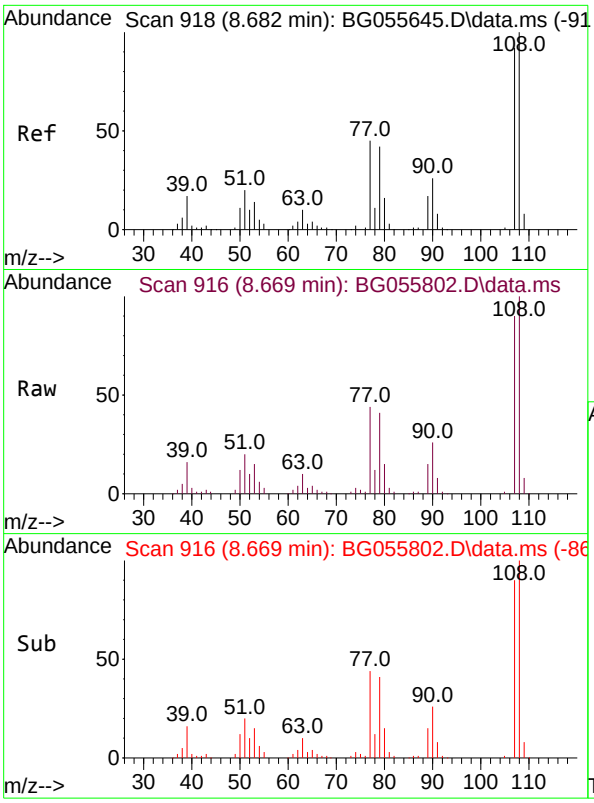


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.788 ng
RT: 8.757 min Scan# 931
Delta R.T. 0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion: 45 Resp: 196397

Ion	Ratio	Lower	Upper
45	100		
77	12.2	0.0	31.7
79	9.1	0.0	29.5

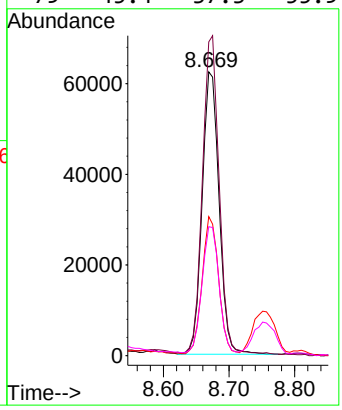




#17
2-Methylphenol
Concen: 46.351 ng
RT: 8.669 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:107 Resp: 11148

Ion	Ratio	Lower	Upper
107	100		
108	110.5	87.3	130.9
77	49.0	39.4	59.0
79	45.4	37.3	55.9



Instrument :
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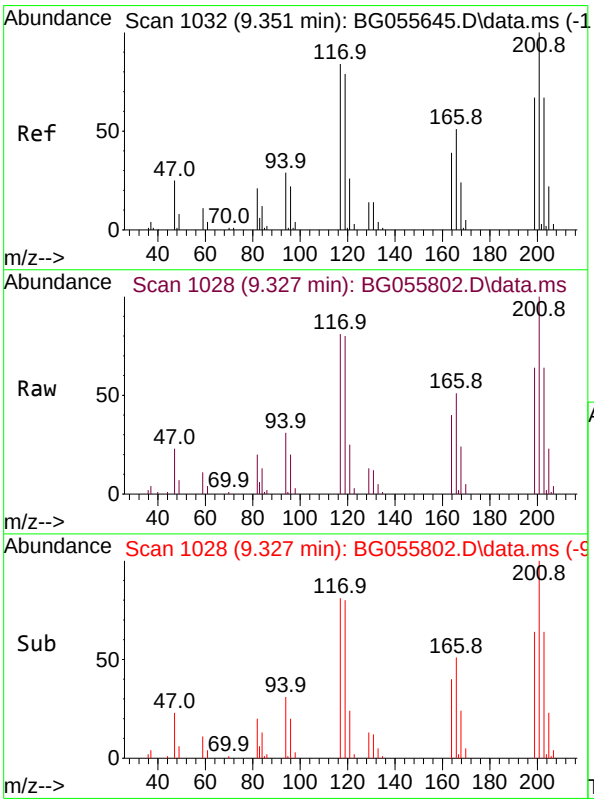
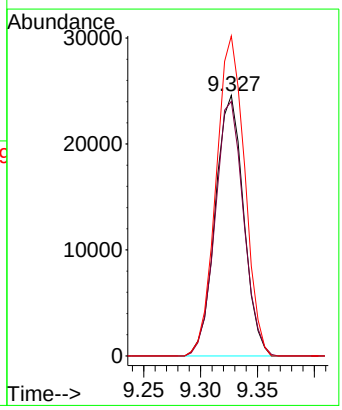
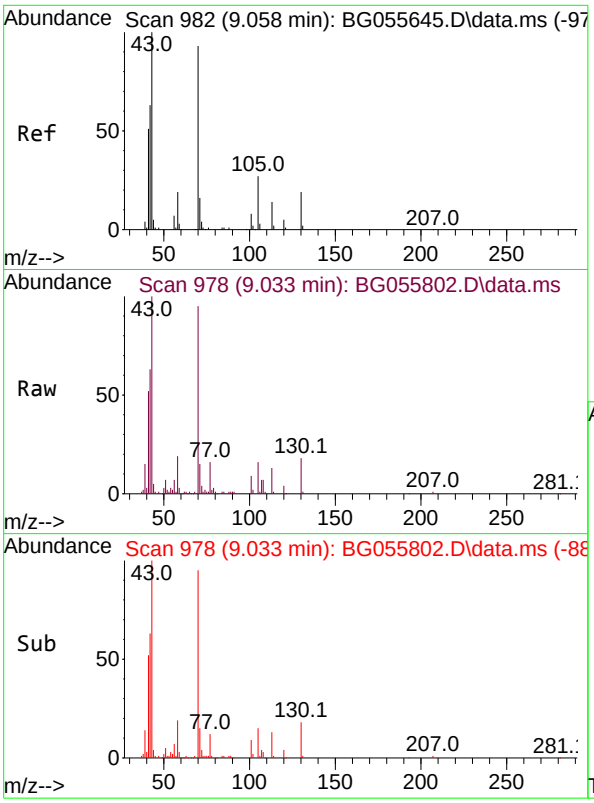


#18
Hexachloroethane
Concen: 39.932 ng
RT: 9.327 min Scan# 1028
Delta R.T. 0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:117 Resp: 42427

Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.0	114.0
201	122.8	98.6	148.0

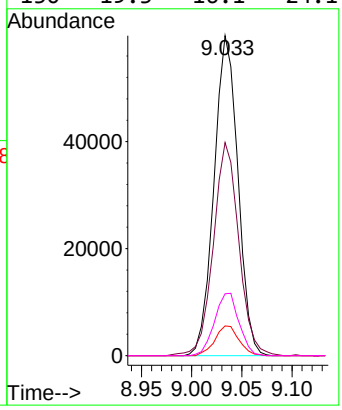




#19
n-Nitroso-di-n-propylamine
Concen: 42.706 ng
RT: 9.033 min Scan# 9
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion: 70 Resp: 9927

Ion	Ratio	Lower	Upper
70	100		
42	66.6	55.2	82.8
101	9.3	7.1	10.7
130	19.3	16.1	24.1



Instrument :
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ClientSampleId :
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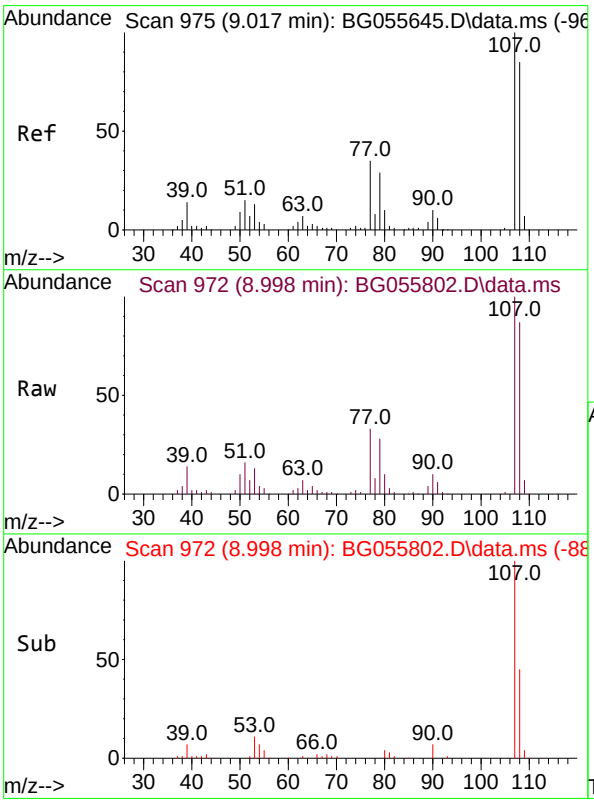
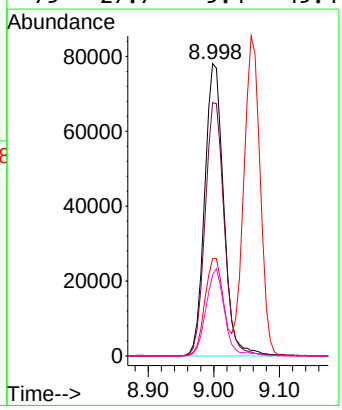
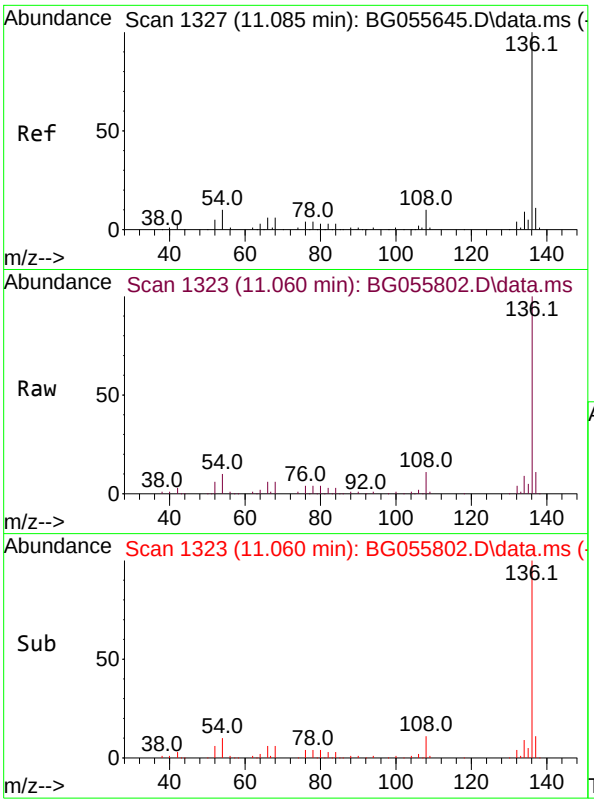


#20
3+4-Methylphenols
Concen: 46.766 ng
RT: 8.998 min Scan# 972
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:107 Resp: 157126

Ion	Ratio	Lower	Upper
107	100		
108	86.6	65.5	105.5
77	33.3	14.6	54.6
79	27.7	9.4	49.4

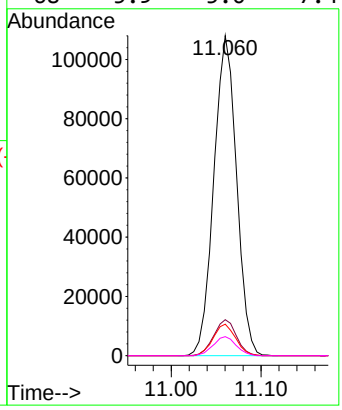




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.060 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:136 Resp: 19072

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	9.8	7.8	11.6
68	5.9	5.0	7.4



Instrument :
BNA_G
ClientSampleId :
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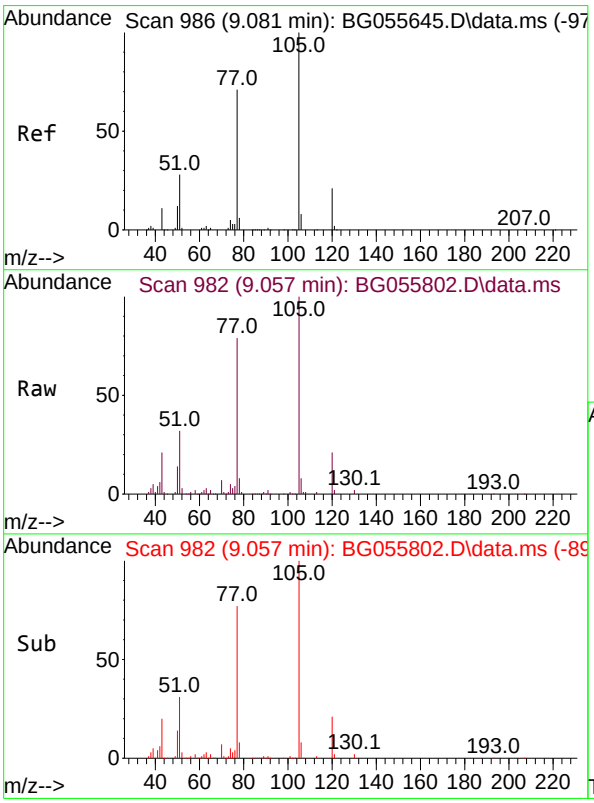
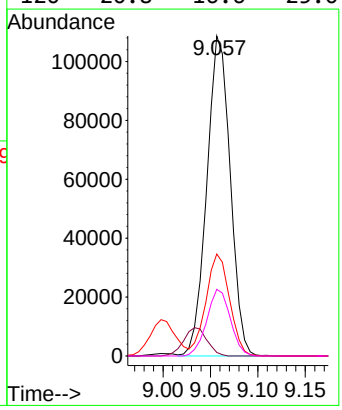
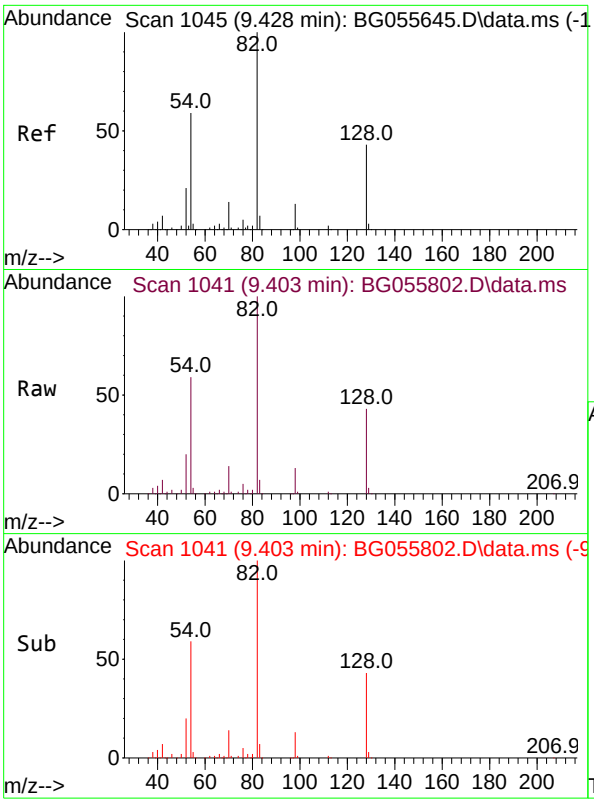


#22
Acetophenone
Concen: 37.702 ng
RT: 9.057 min Scan# 982
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:105 Resp: 186852

Ion	Ratio	Lower	Upper
105	100		
71	1.1	0.6	1.0#
51	31.8	24.5	36.7
120	20.8	16.6	25.0

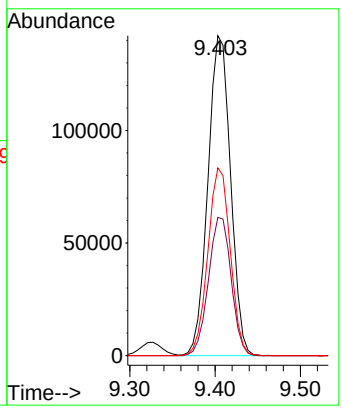




#23
Nitrobenzene-d5
Concen: 72.533 ng
RT: 9.403 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion: 82 Resp: 26173

Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.1	51.1
54	58.7	47.3	70.9



Instrument :
BNA_G
ClientSampleId :
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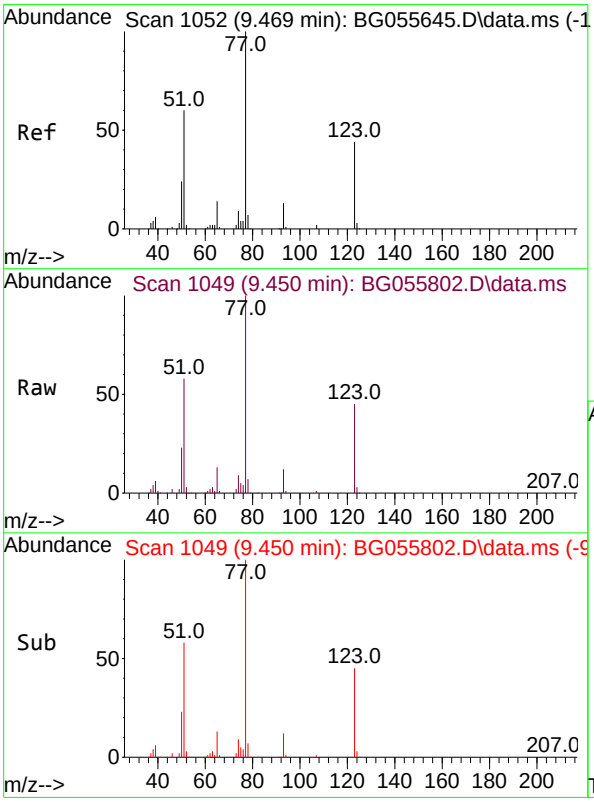
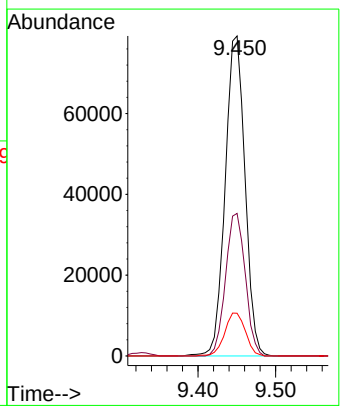
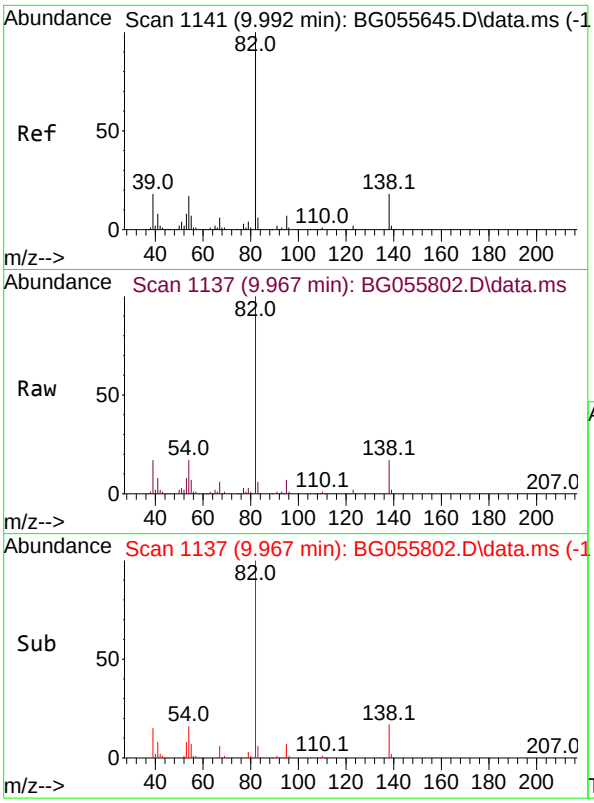


#24
Nitrobenzene
Concen: 37.356 ng
RT: 9.450 min Scan# 1049
Delta R.T. 0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion: 77 Resp: 140801

Ion	Ratio	Lower	Upper
77	100		
123	44.5	35.5	53.3
65	13.3	11.5	17.3

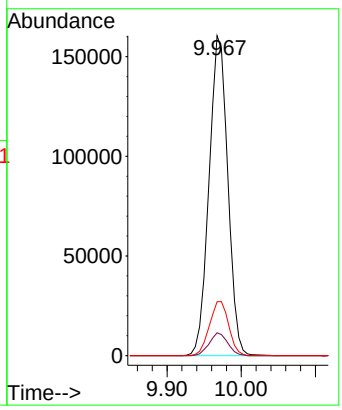




#25
Isophorone
Concen: 41.276 ng
RT: 9.967 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion: 82 Resp: 28221

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.5	8.3
138	16.8	14.2	21.4



Instrument :
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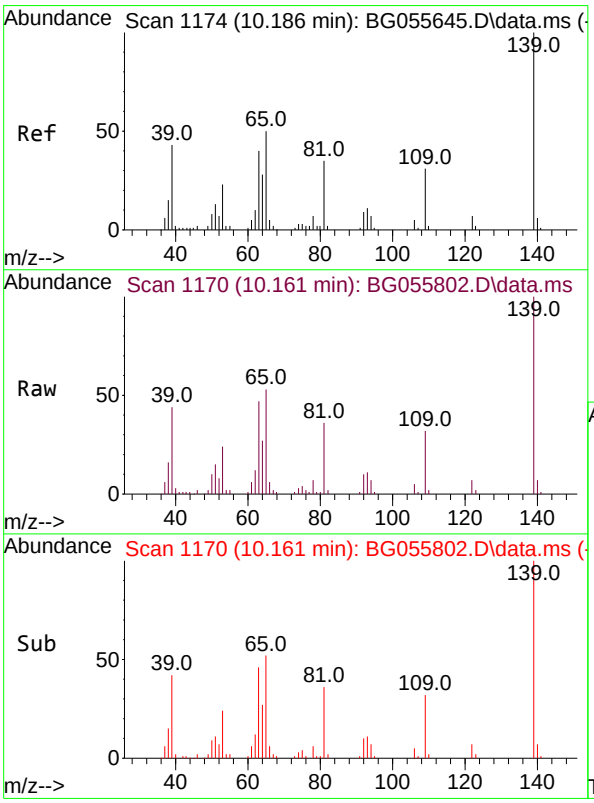
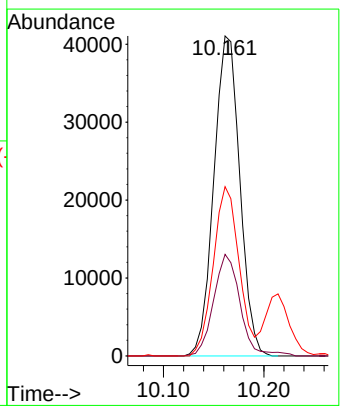
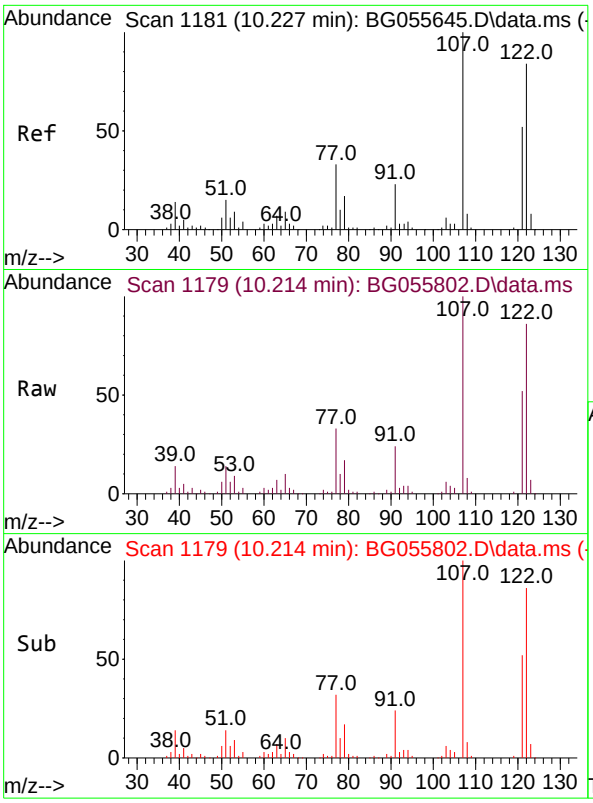


#26
2-Nitrophenol
Concen: 42.387 ng
RT: 10.161 min Scan# 1170
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:139 Resp: 73753

Ion	Ratio	Lower	Upper
139	100		
109	31.7	24.4	36.6
65	52.9	40.2	60.2

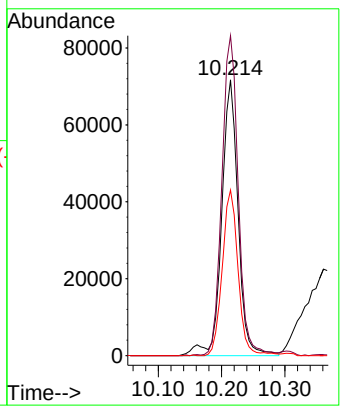




#27
2,4-Dimethylphenol
Concen: 48.713 ng m
RT: 10.214 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:122 Resp: 12900

Ion	Ratio	Lower	Upper
122	100		
107	116.0	95.8	143.6
121	60.0	49.6	74.4



Instrument :
BNA_G
ClientSampleId :
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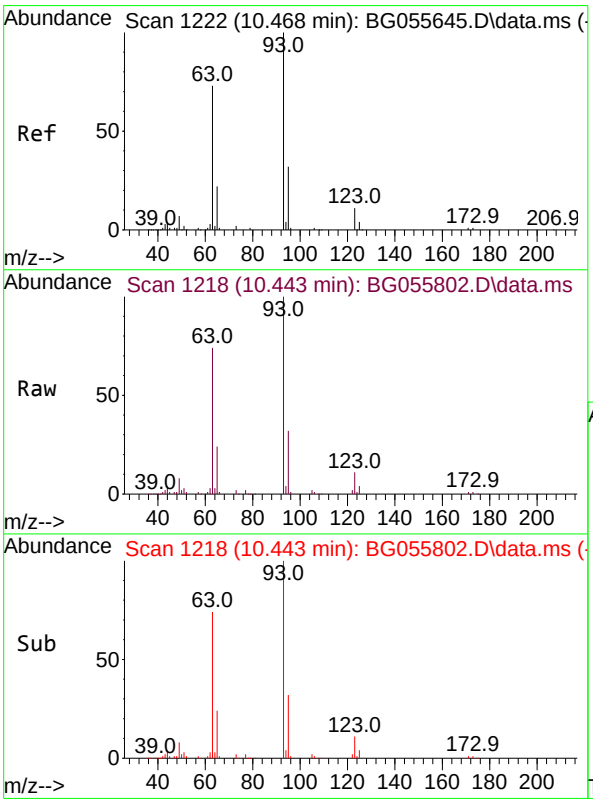
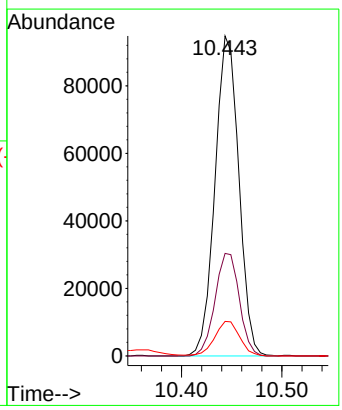
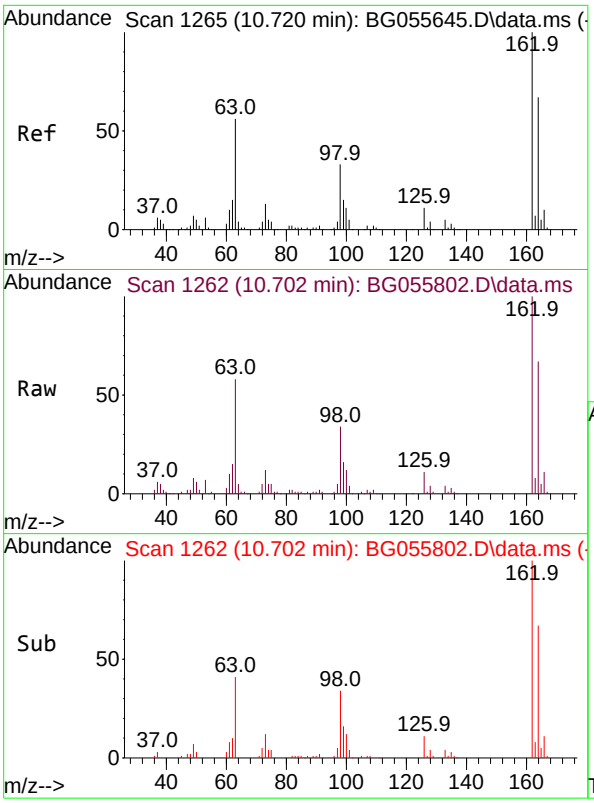


#28
bis(2-Chloroethoxy)methane
Concen: 42.640 ng
RT: 10.443 min Scan# 1218
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion: 93 Resp: 156511

Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.7	38.5
123	10.8	8.9	13.3

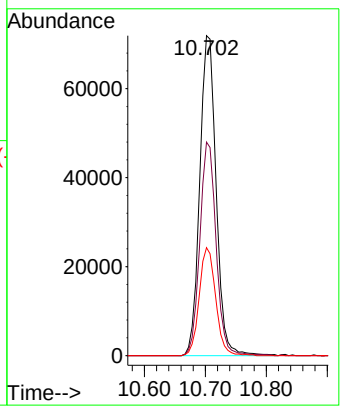




#29
2,4-Dichlorophenol
Concen: 42.367 ng
RT: 10.702 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:162 Resp: 13428

Ion	Ratio	Lower	Upper
162	100		
164	66.7	46.7	86.7
98	33.7	12.8	52.8



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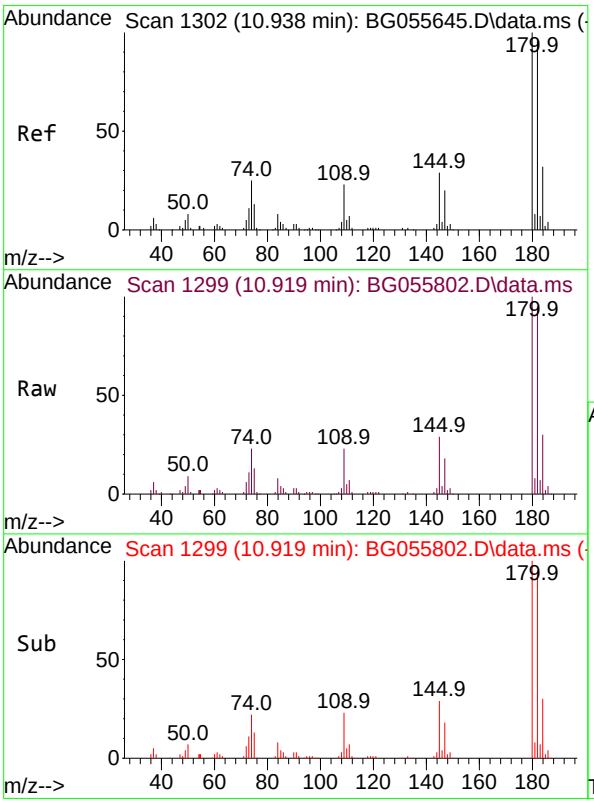
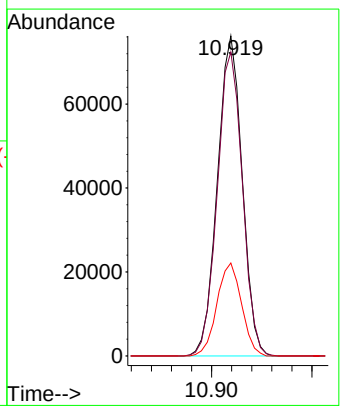
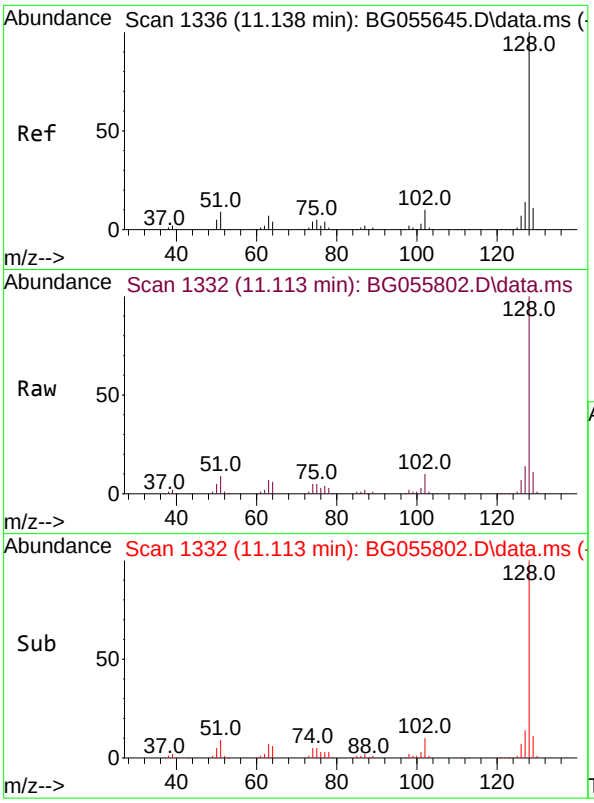


#30
1,2,4-Trichlorobenzene
Concen: 35.537 ng
RT: 10.919 min Scan# 1299
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:180 Resp: 130861

Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.1	115.7
145	29.0	22.9	34.3

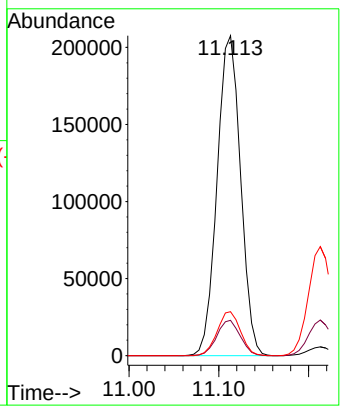




#31
Naphthalene
Concen: 36.690 ng
RT: 11.113 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:128 Resp: 37828

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.7	10.9	16.3



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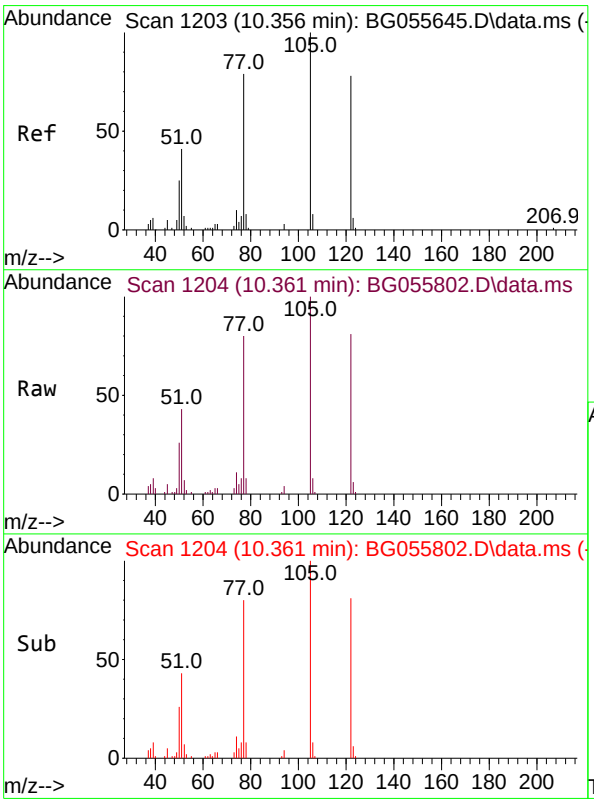
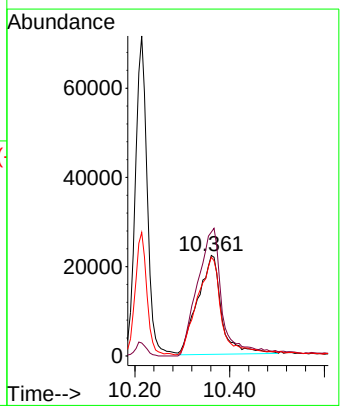
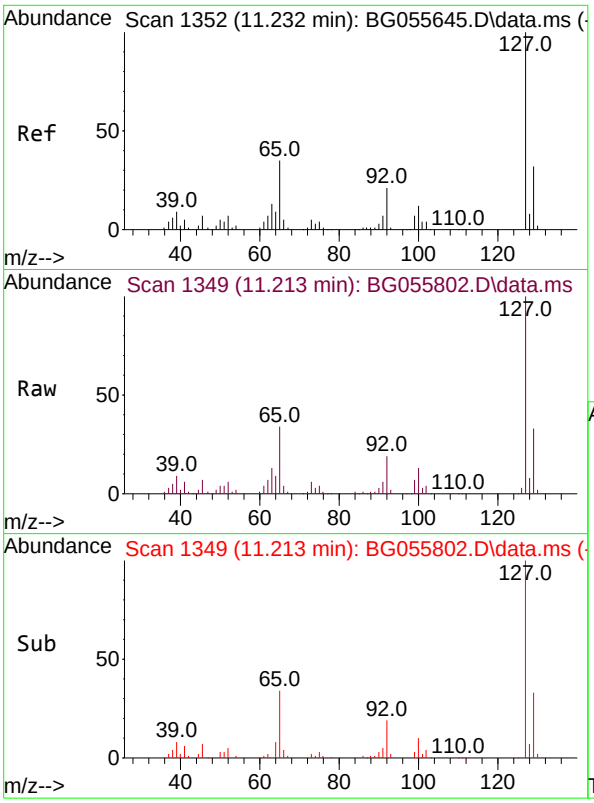


#32
Benzoic acid
Concen: 35.639 ng
RT: 10.361 min Scan# 1204
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:122 Resp: 77649

Ion	Ratio	Lower	Upper
122	100		
105	123.3	104.3	144.3
77	98.4	79.9	119.9

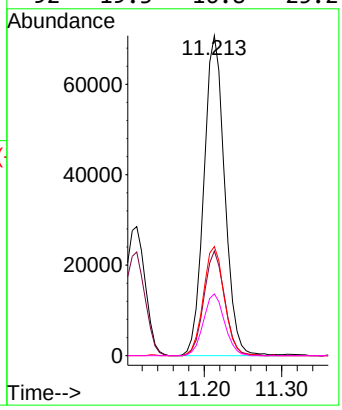




#33
4-Chloroaniline
Concen: 30.928 ng
RT: 11.213 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:127 Resp: 13154

Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	34.1	27.9	41.9
92	19.3	16.8	25.2



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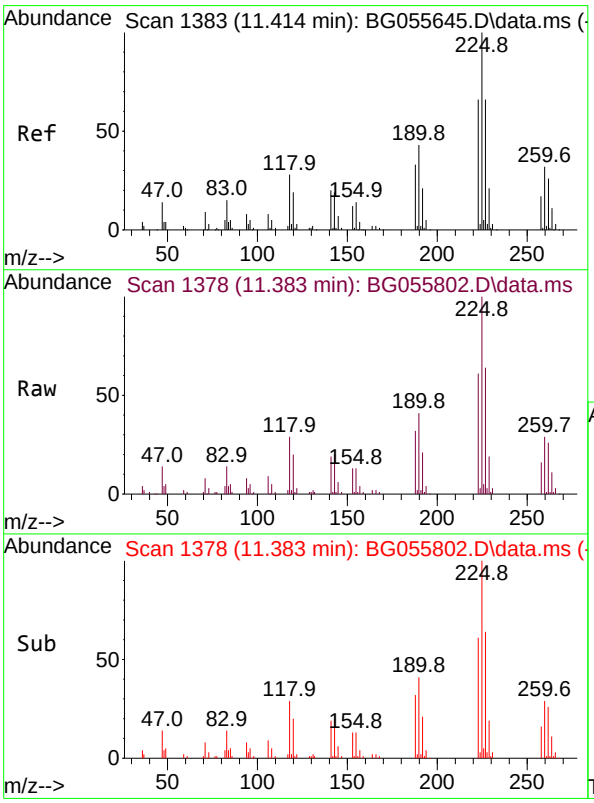
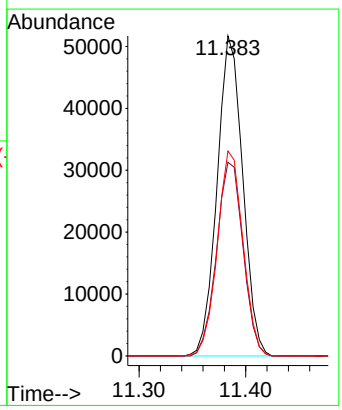
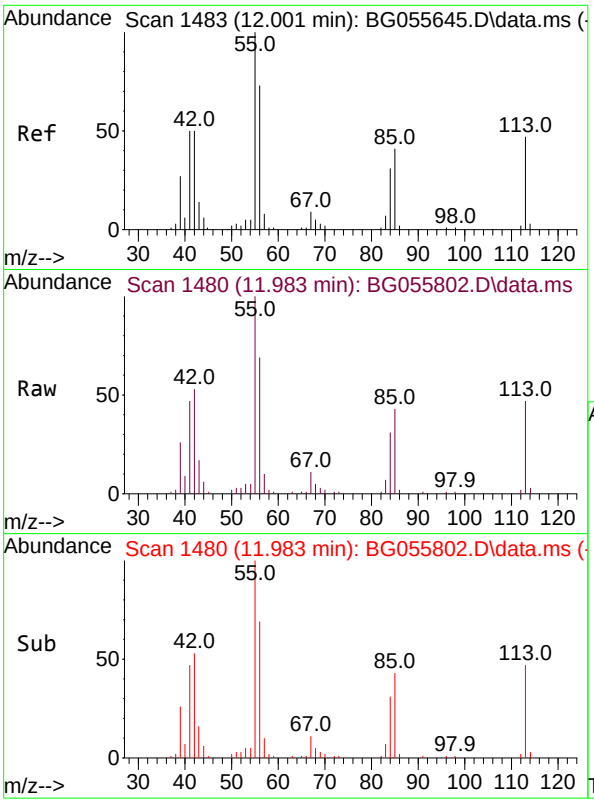


#34
Hexachlorobutadiene
Concen: 34.359 ng
RT: 11.383 min Scan# 1378
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:225 Resp: 86394

Ion	Ratio	Lower	Upper
225	100		
223	60.6	52.9	79.3
227	67.0	52.6	79.0

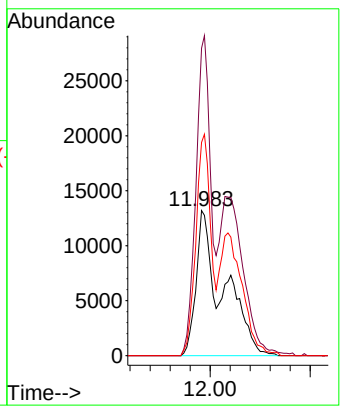




#35
Caprolactam
Concen: 44.541 ng m
RT: 11.983 min Scan# 14
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:113 Resp: 4885

Ion	Ratio	Lower	Upper
113	100		
55	212.0	193.5	233.5
56	147.0	135.2	175.2



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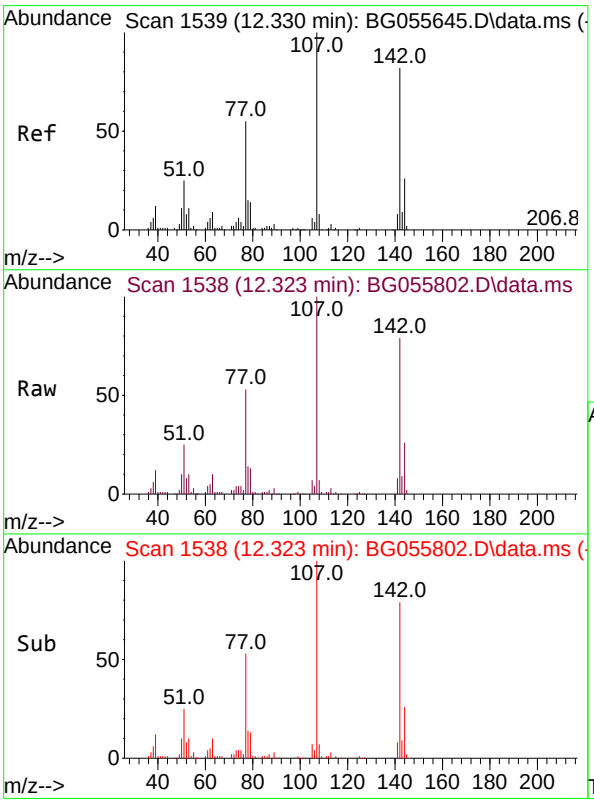
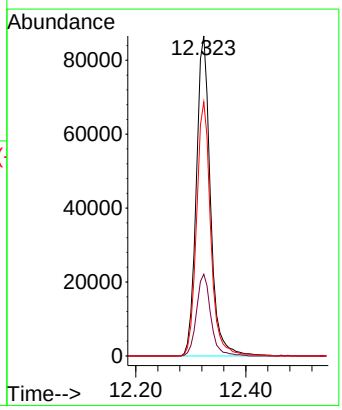
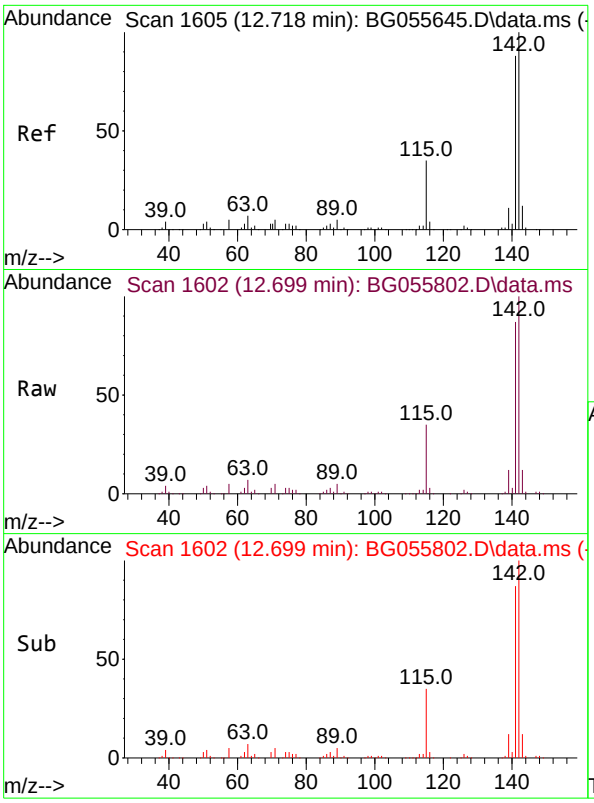


#36
4-Chloro-3-methylphenol
Concen: 44.125 ng
RT: 12.323 min Scan# 1538
Delta R.T. 0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:107 Resp: 153720

Ion	Ratio	Lower	Upper
107	100		
144	25.5	21.0	31.4
142	79.4	65.9	98.9

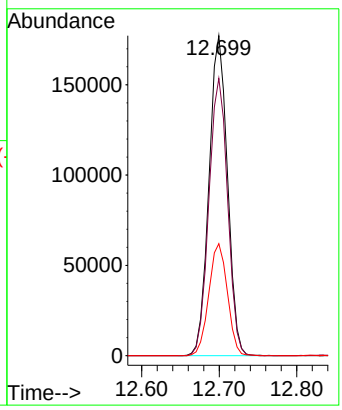




#37
2-Methylnaphthalene
Concen: 37.935 ng
RT: 12.699 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:142 Resp: 29285

Ion	Ratio	Lower	Upper
142	100		
141	86.6	70.3	105.5
115	35.0	27.9	41.9



Instrument :
BNA_G
ClientSampleId :
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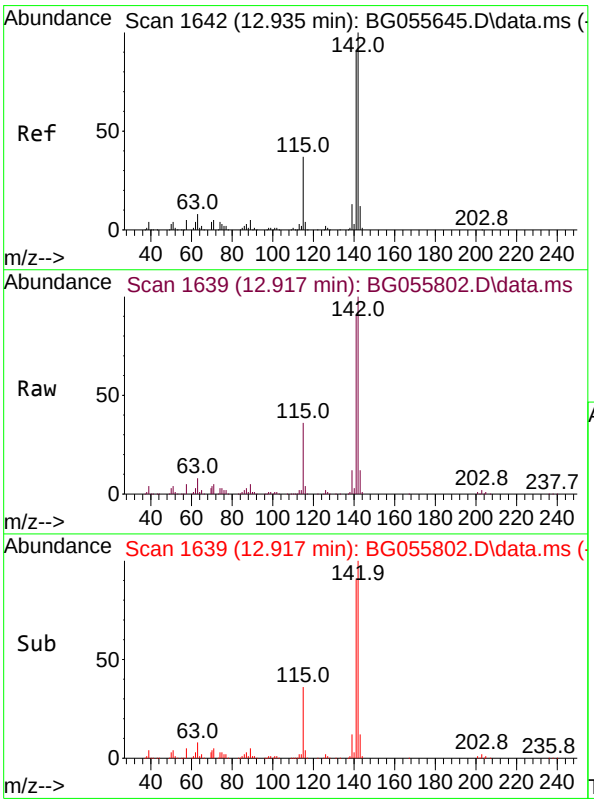
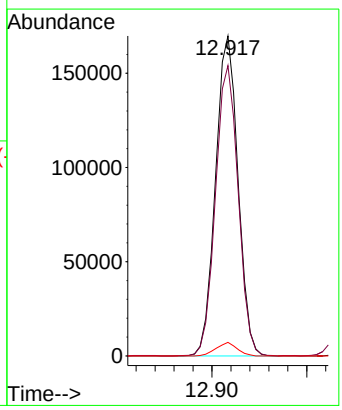
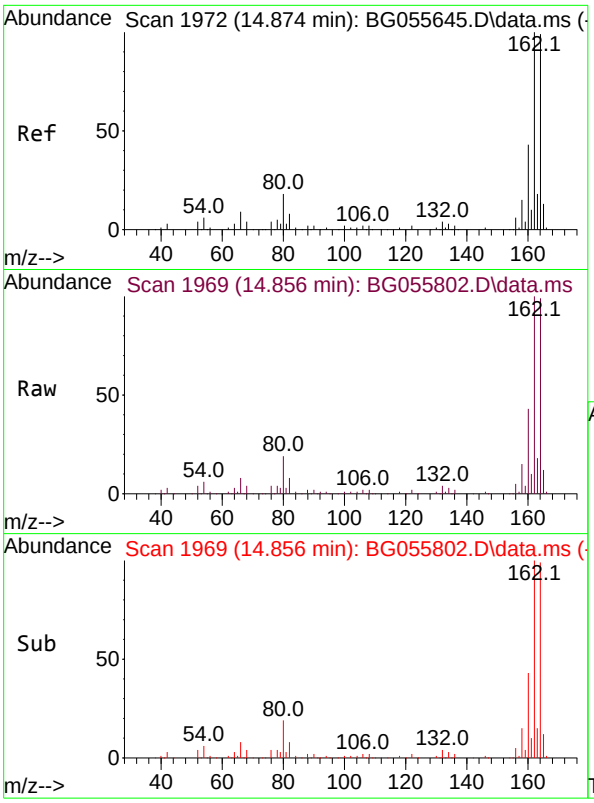


#38
1-Methylnaphthalene
Concen: 37.276 ng
RT: 12.917 min Scan# 1639
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:142 Resp: 279361

Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.0	109.4
116	4.2	3.1	4.7

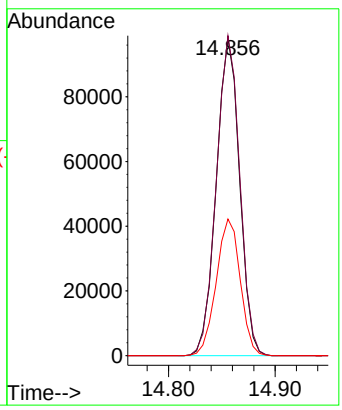




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.856 min Scan# 19
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:164 Resp: 14918

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.1	121.7
160	43.1	34.8	52.2



Instrument :
BNA_G
ClientSampleId :
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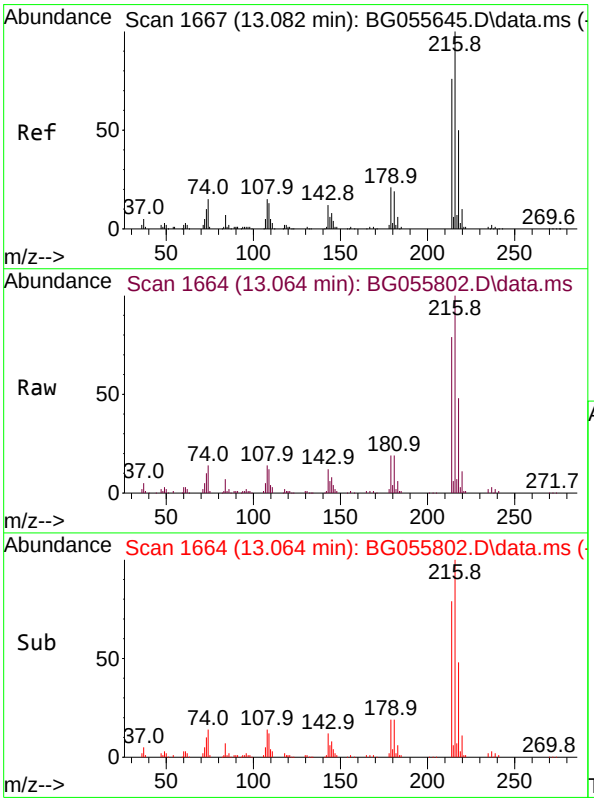
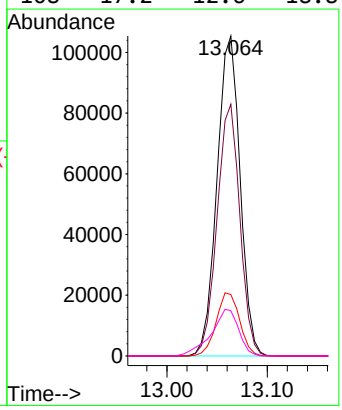
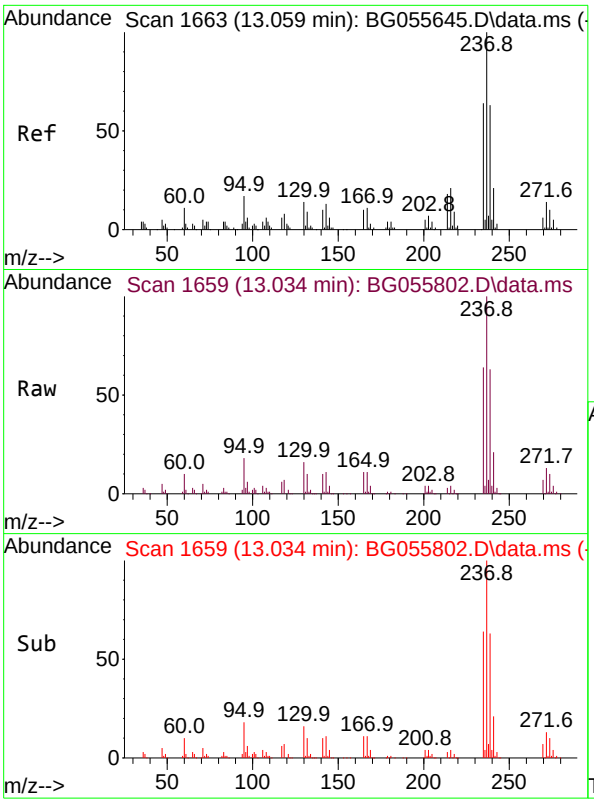


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.018 ng
RT: 13.064 min Scan# 1664
Delta R.T. 0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:216 Resp: 168863

Ion	Ratio	Lower	Upper
216	100		
214	77.5	62.1	93.1
179	19.9	16.5	24.7
108	17.2	12.6	18.8





#41
Hexachlorocyclopentadiene
Concen: 78.651 ng
RT: 13.034 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:237 Resp: 18584

Ion	Ratio	Lower	Upper
237	100		
235	64.3	43.7	83.7
272	12.7	0.0	33.6

Instrument :
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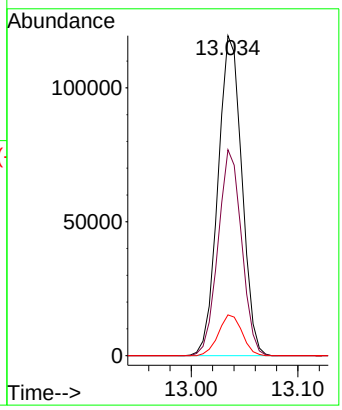
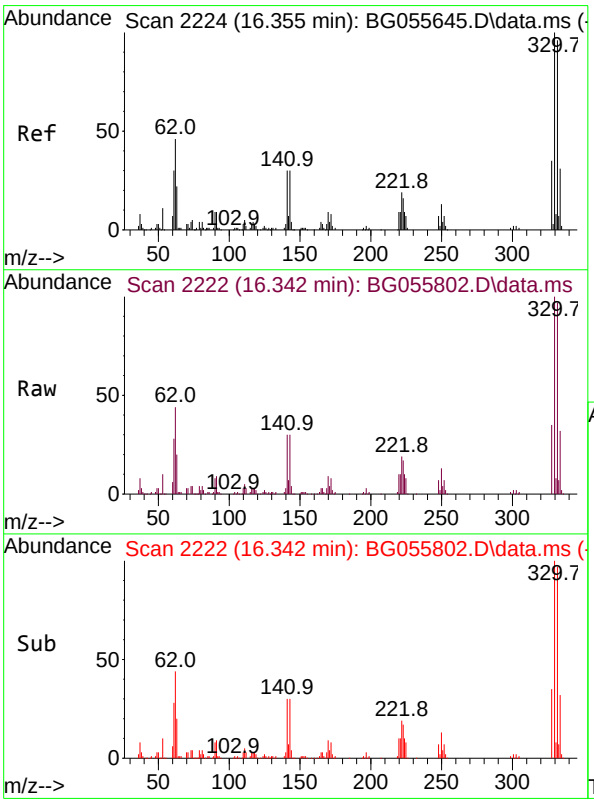
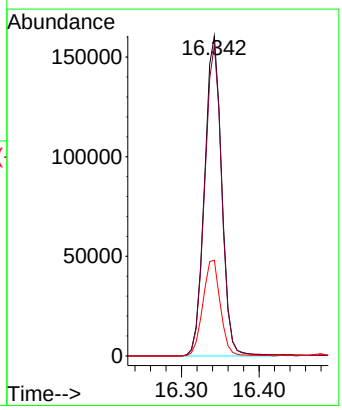


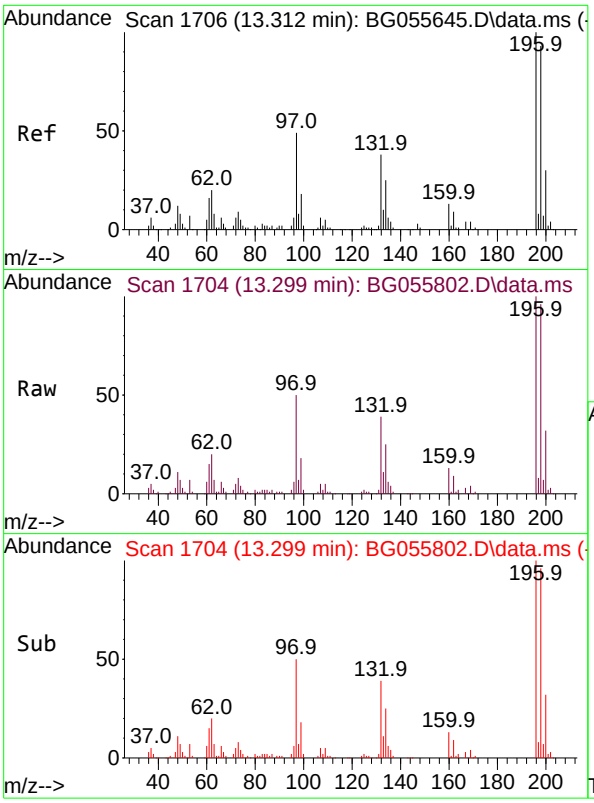


#42
2,4,6-Tribromophenol
Concen: 116.971 ng
RT: 16.342 min Scan# 2222
Delta R.T. 0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:330 Resp: 245728

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.8	116.8
141	30.6	23.9	35.9

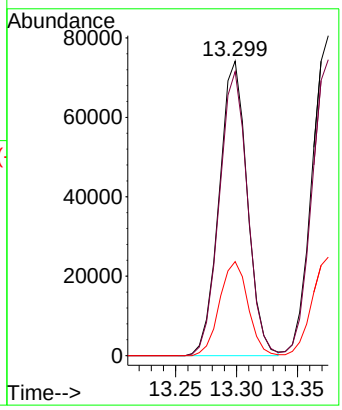




#43
2,4,6-Trichlorophenol
Concen: 37.224 ng
RT: 13.299 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:196 Resp: 11904

Ion	Ratio	Lower	Upper
196	100		
198	96.5	74.6	112.0
200	31.9	23.7	35.5



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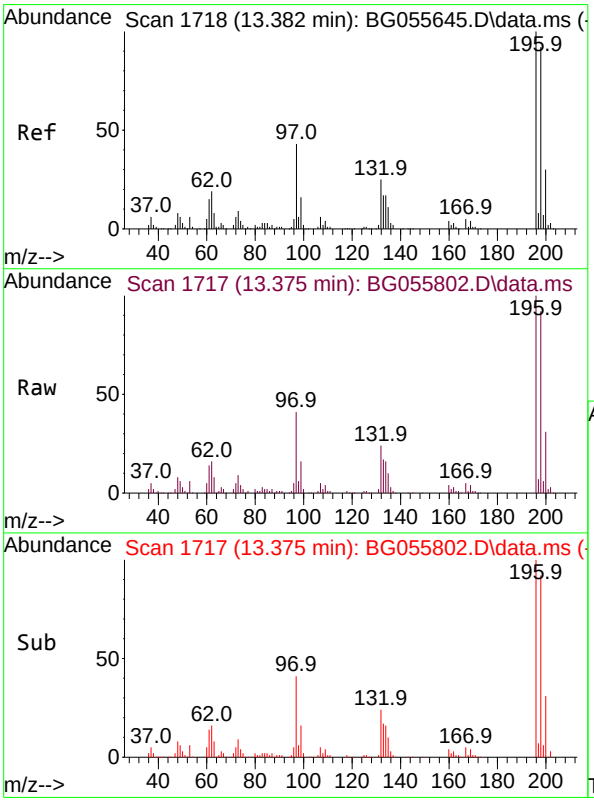
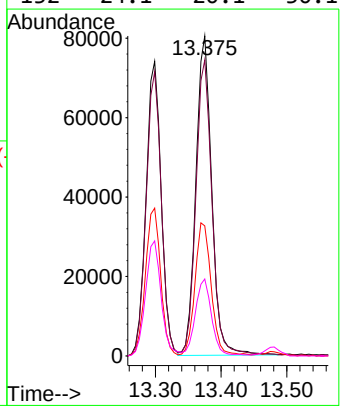
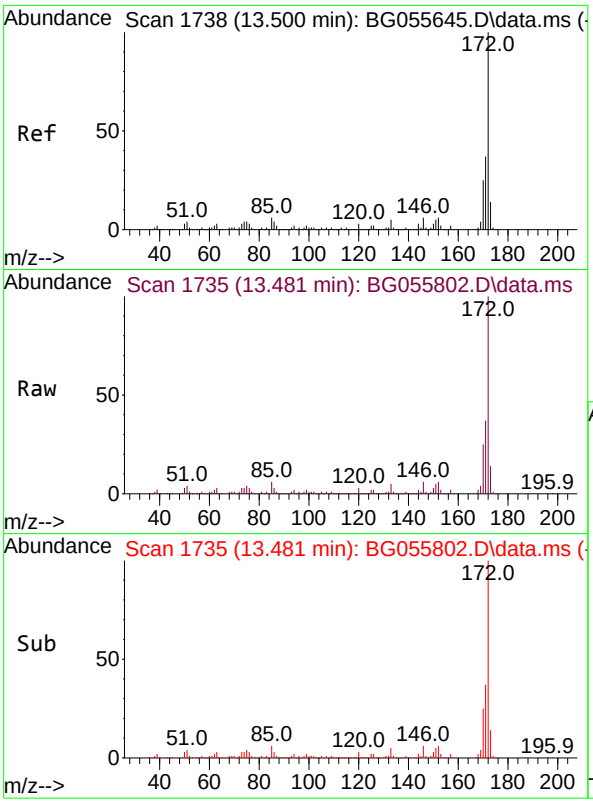


#44
2,4,5-Trichlorophenol
Concen: 38.348 ng
RT: 13.375 min Scan# 1717
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:196 Resp: 134771

Ion	Ratio	Lower	Upper
196	100		
198	92.5	74.1	111.1
97	40.6	34.8	52.2
132	24.1	20.1	30.1

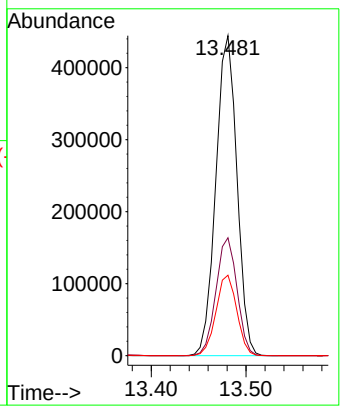




#45
2-Fluorobiphenyl
Concen: 68.931 ng
RT: 13.481 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:172 Resp: 68643

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.8	44.6
170	25.1	20.2	30.4



Instrument :
BNA_G
ClientSampleId :
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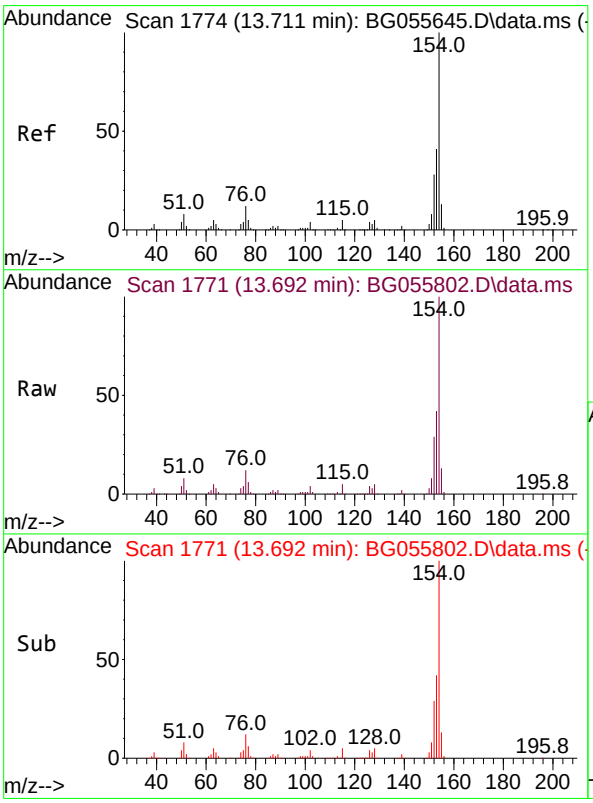
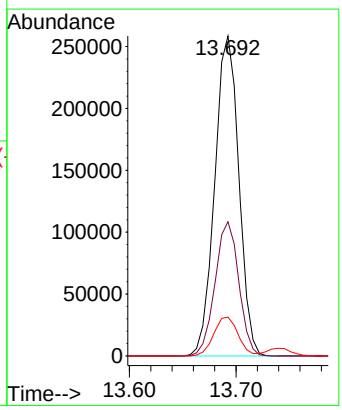
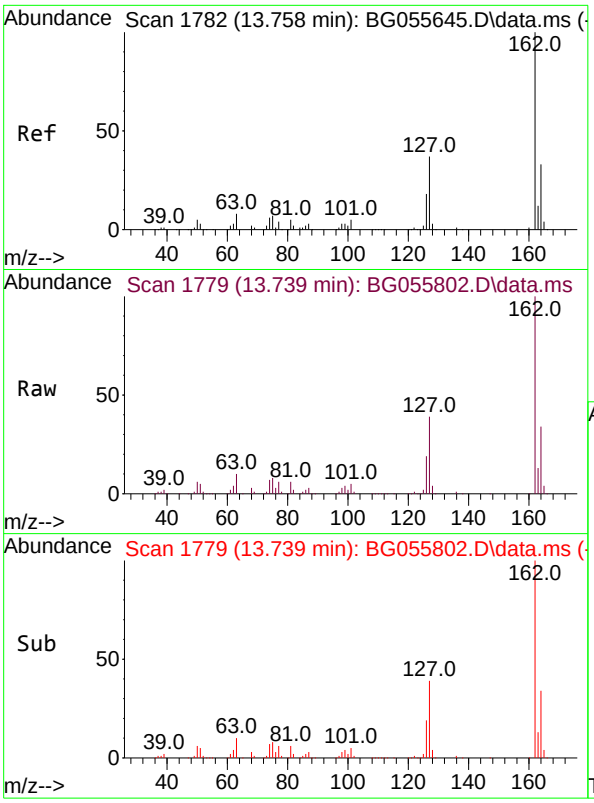


#46
1,1'-Biphenyl
Concen: 37.375 ng
RT: 13.692 min Scan# 1771
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:154 Resp: 406330

Ion	Ratio	Lower	Upper
154	100		
153	41.9	20.6	60.6
76	12.2	0.0	32.4

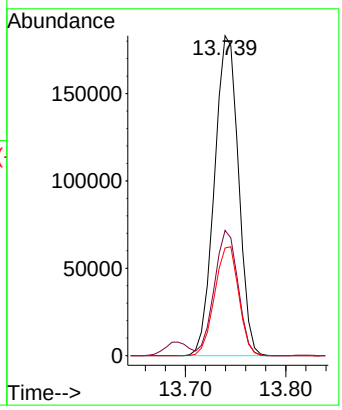




#47
2-Chloronaphthalene
Concen: 36.101 ng
RT: 13.739 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:162 Resp: 30506

Ion	Ratio	Lower	Upper
162	100		
127	39.1	29.9	44.9
164	33.6	26.4	39.6



Instrument :
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ClientSampleId :
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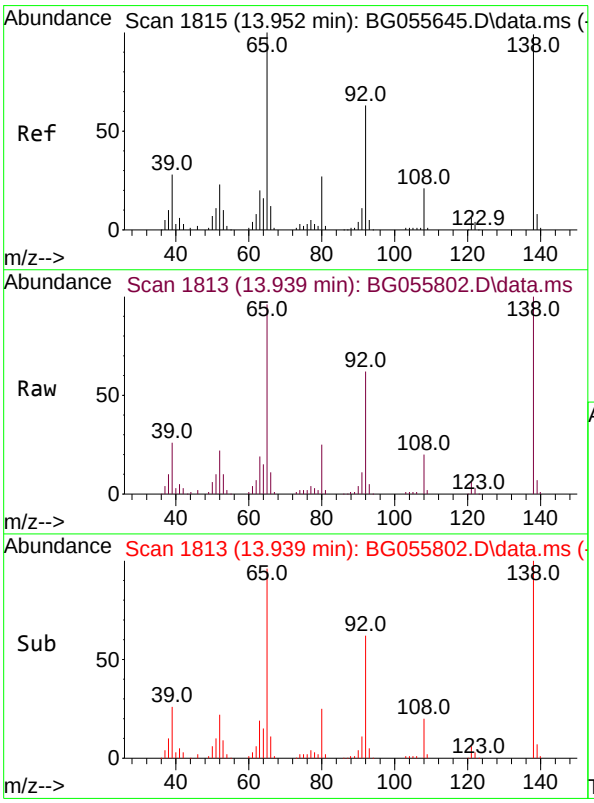
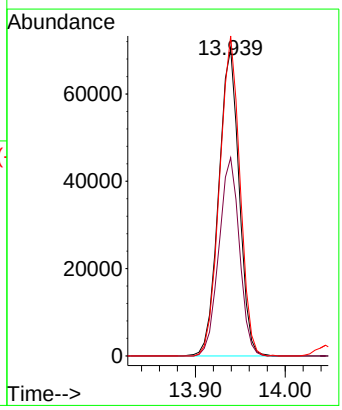
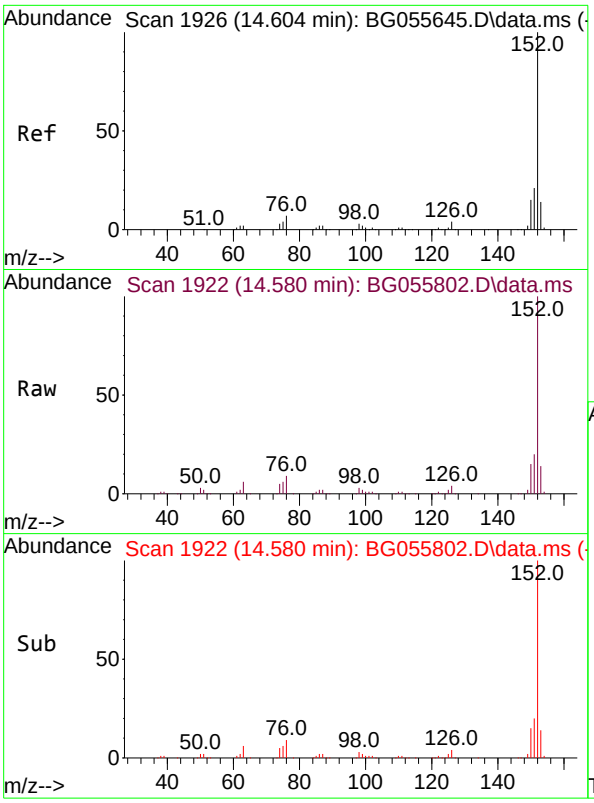


#48
2-Nitroaniline
Concen: 39.981 ng
RT: 13.939 min Scan# 1813
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion: 65 Resp: 111074

Ion	Ratio	Lower	Upper
65	100		
92	64.5	50.1	75.1
138	104.2	79.4	119.0

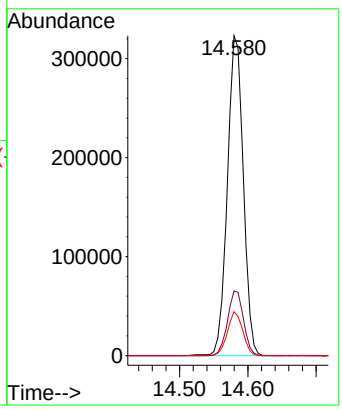




#49
Acenaphthylene
Concen: 37.569 ng
RT: 14.580 min Scan# 19
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:152 Resp: 52276

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.4	24.6
153	13.7	11.0	16.4



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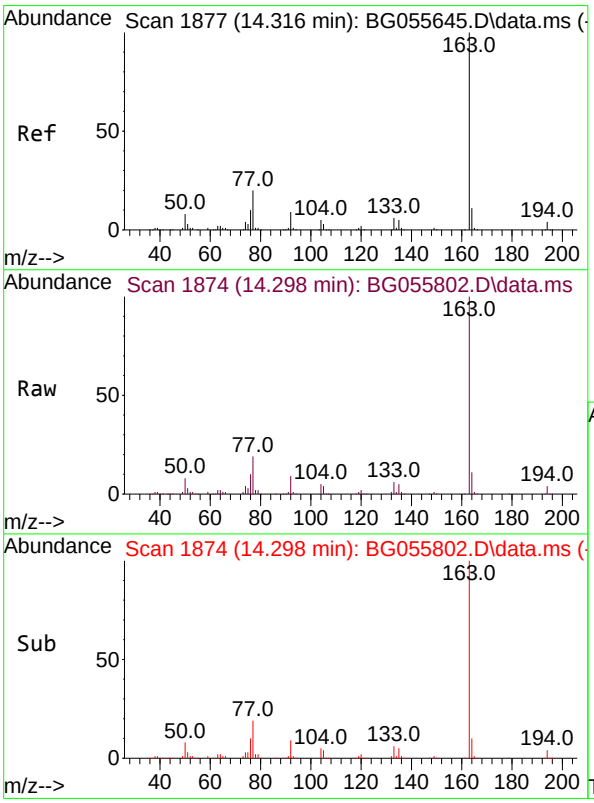
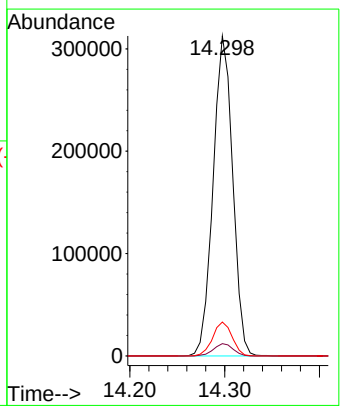
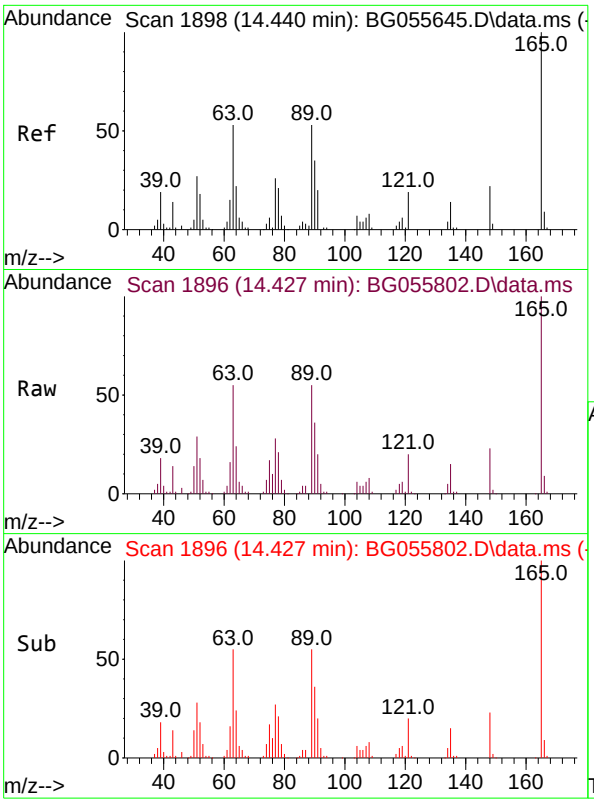


#50
Dimethylphthalate
Concen: 37.760 ng
RT: 14.298 min Scan# 1874
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:163 Resp: 449069

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	10.6	8.6	12.8





#51
2,6-Dinitrotoluene
Concen: 40.123 ng
RT: 14.427 min Scan# 18
Delta R.T. 0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:165 Resp: 9756

Ion	Ratio	Lower	Upper
165	100		
63	55.1	44.6	66.8
89	54.6	42.2	63.4

Instrument :
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ClientSampleId :
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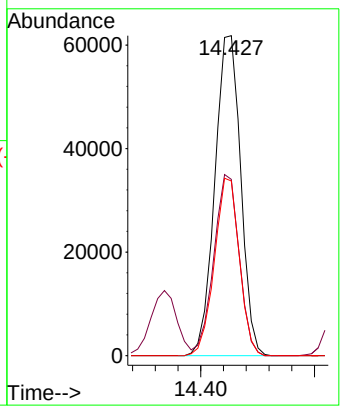
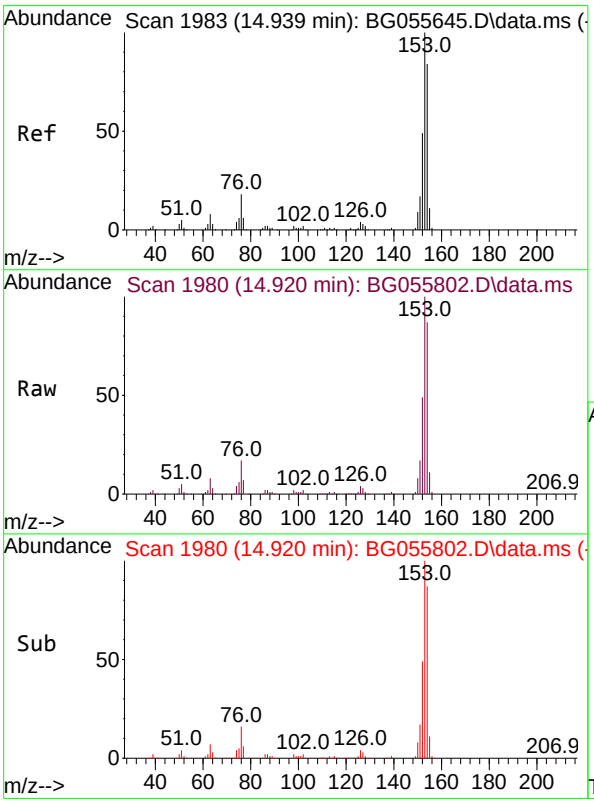
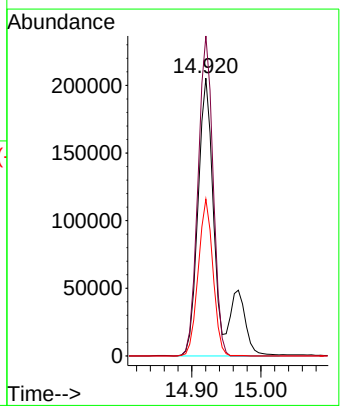


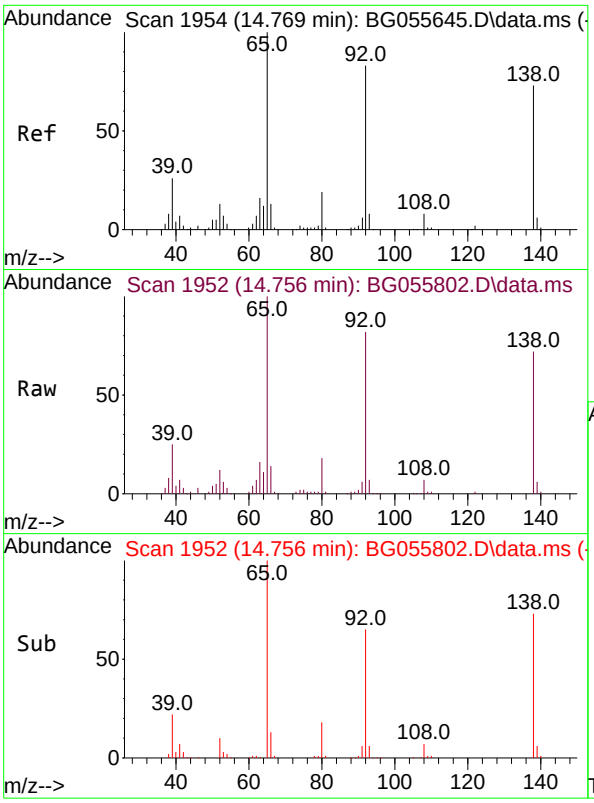


#52
Acenaphthene
Concen: 42.522 ng m
RT: 14.920 min Scan# 1980
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:154 Resp: 386705

Ion	Ratio	Lower	Upper
154	100		
153	115.2	95.0	142.4
152	56.4	46.1	69.1

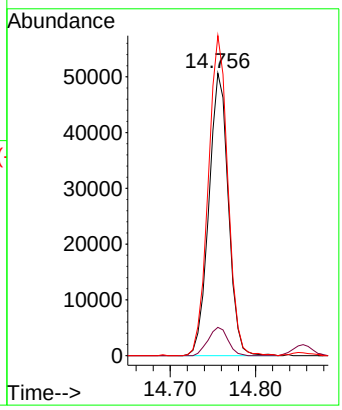




#53
3-Nitroaniline
Concen: 30.046 ng
RT: 14.756 min Scan# 19
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:138 Resp: 8020

Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.5	12.7
92	113.3	91.0	136.6



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ClientSampleId :
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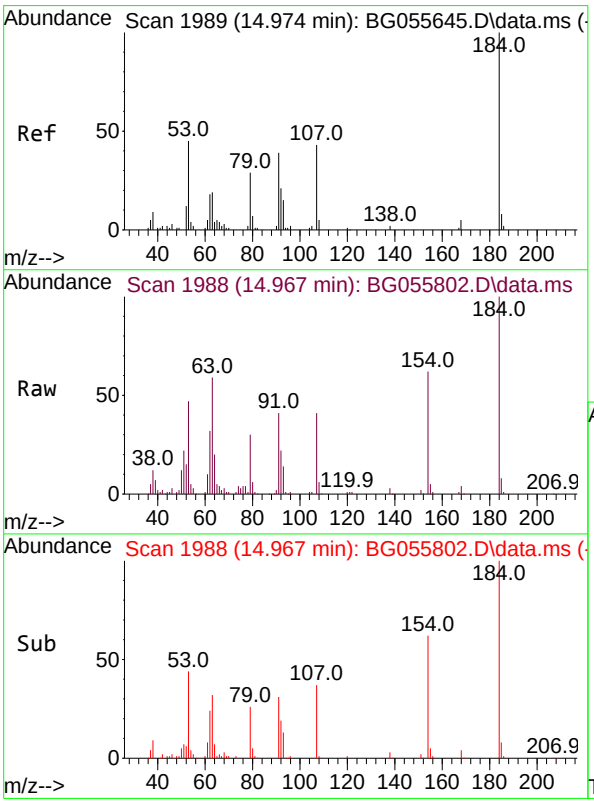
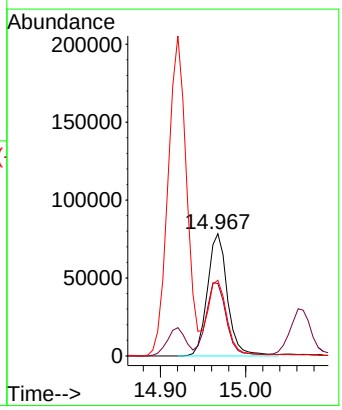
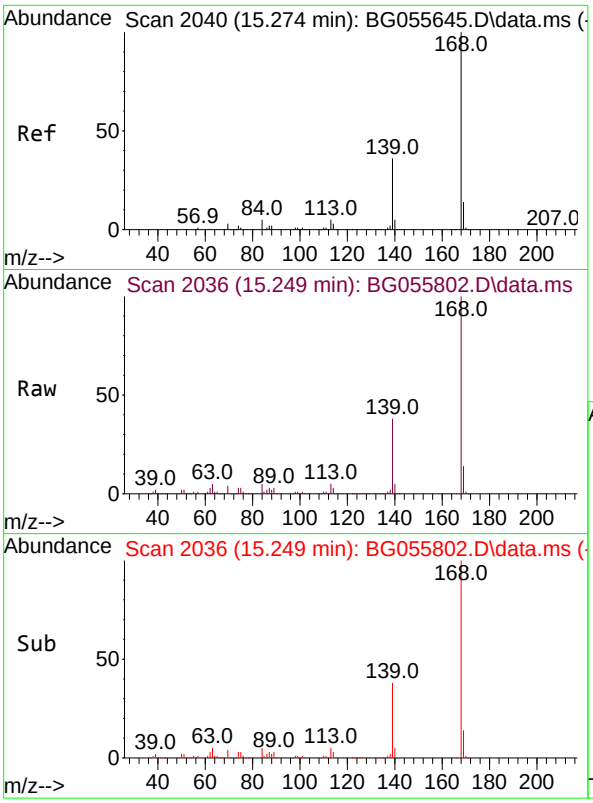


#54
2,4-Dinitrophenol
Concen: 91.402 ng
RT: 14.967 min Scan# 1988
Delta R.T. 0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:184 Resp: 127791

Ion	Ratio	Lower	Upper
184	100		
63	59.3	49.5	74.3
154	61.9	52.0	78.0

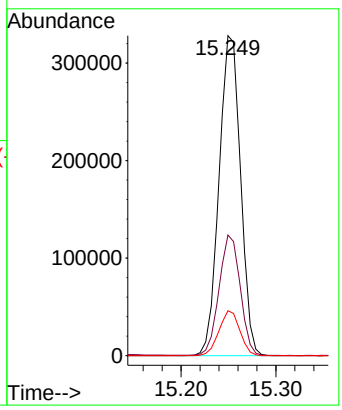




#55
Dibenzofuran
Concen: 36.818 ng
RT: 15.249 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:168 Resp: 51653

Ion	Ratio	Lower	Upper
168	100		
139	37.7	28.8	43.2
169	14.0	11.0	16.4



Instrument :
BNA_G
ClientSampleId :
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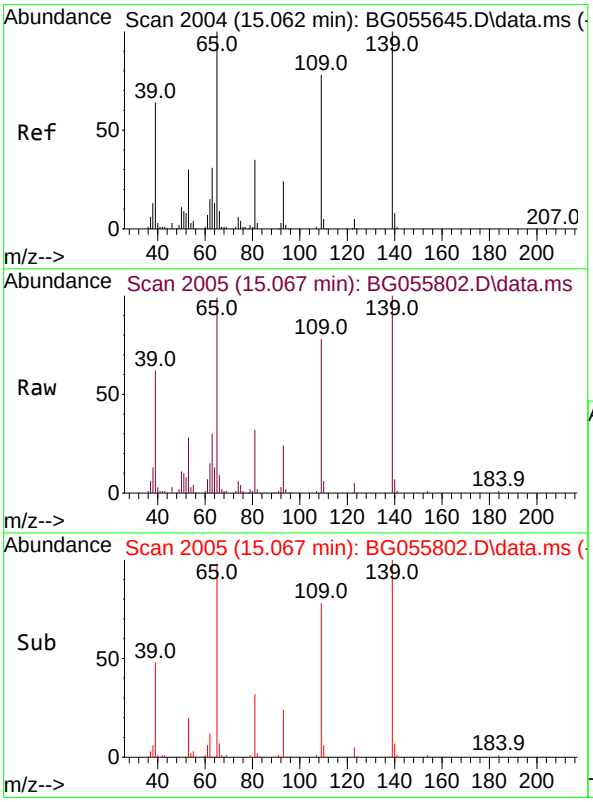
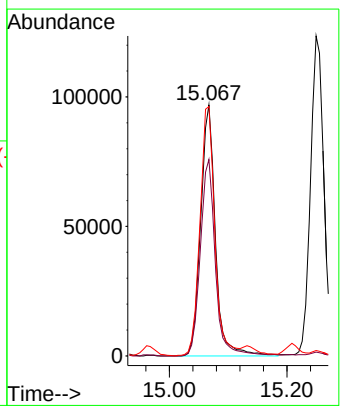
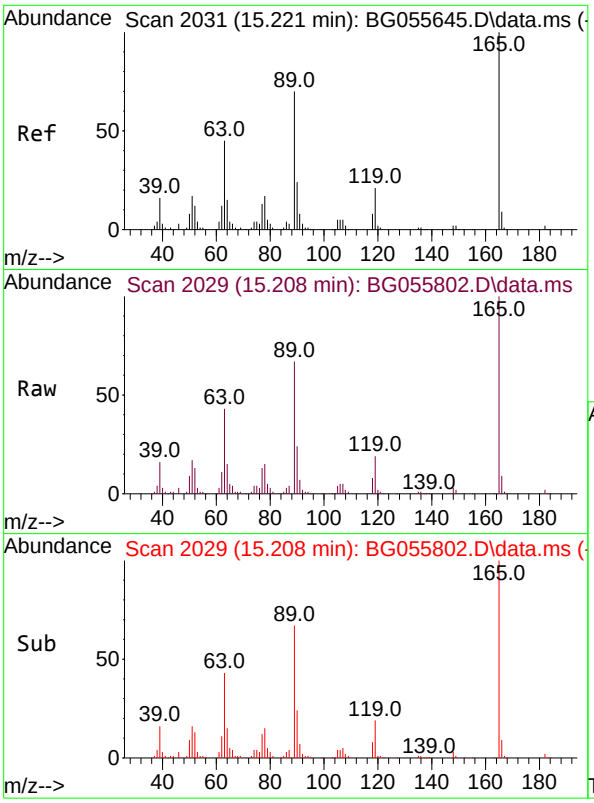


#56
4-Nitrophenol
Concen: 80.359 ng
RT: 15.067 min Scan# 2005
Delta R.T. 0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:139 Resp: 168358

Ion	Ratio	Lower	Upper
139	100		
109	78.3	58.6	98.6
65	99.4	80.5	120.5

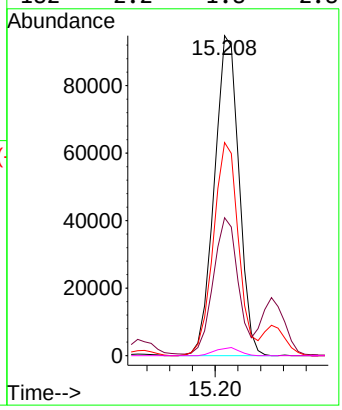




#57
2,4-Dinitrotoluene
Concen: 41.565 ng
RT: 15.208 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:165 Resp: 14250

Ion	Ratio	Lower	Upper
165	100		
63	43.1	35.8	53.8
89	66.6	56.2	84.4
182	2.2	1.8	2.8



Instrument :
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ClientSampleId :
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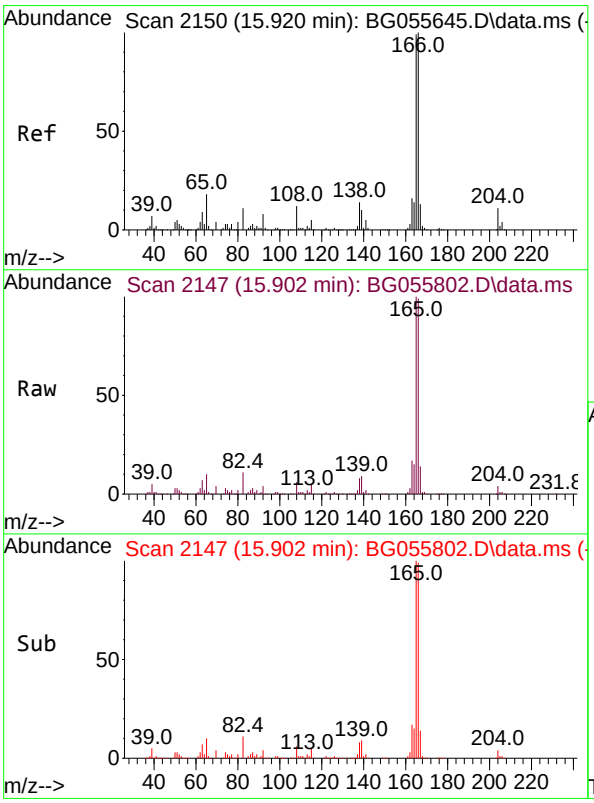
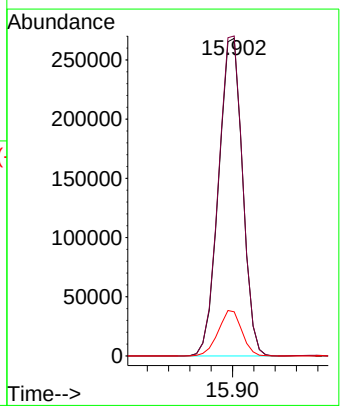
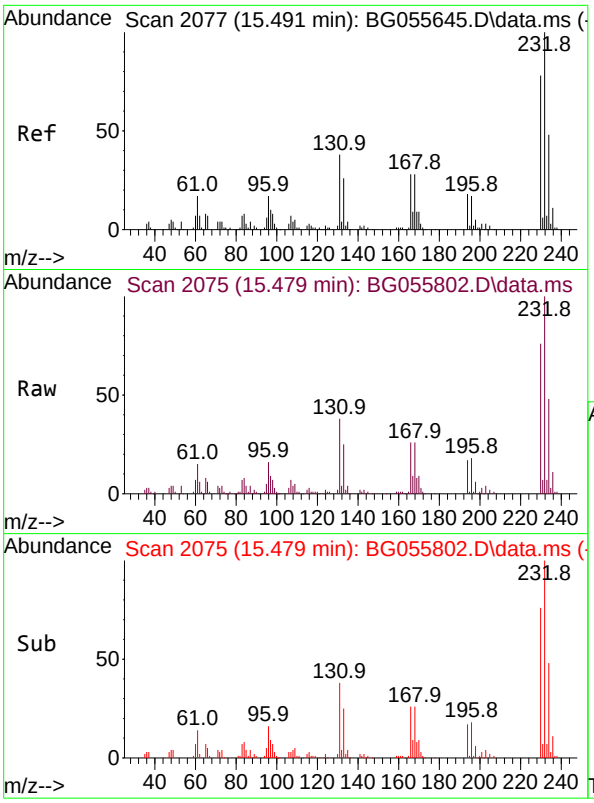


#58
Fluorene
Concen: 37.338 ng
RT: 15.902 min Scan# 2147
Delta R.T. 0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:166 Resp: 418388

Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.3	118.9
167	13.9	10.6	15.8

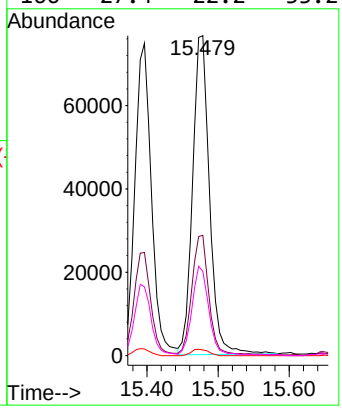




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.011 ng
RT: 15.479 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:232 Resp: 12603

Ion	Ratio	Lower	Upper
232	100		
131	37.8	29.8	44.8
130	2.0	1.7	2.5
166	27.4	22.2	33.2



Instrument :
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ClientSampleId :
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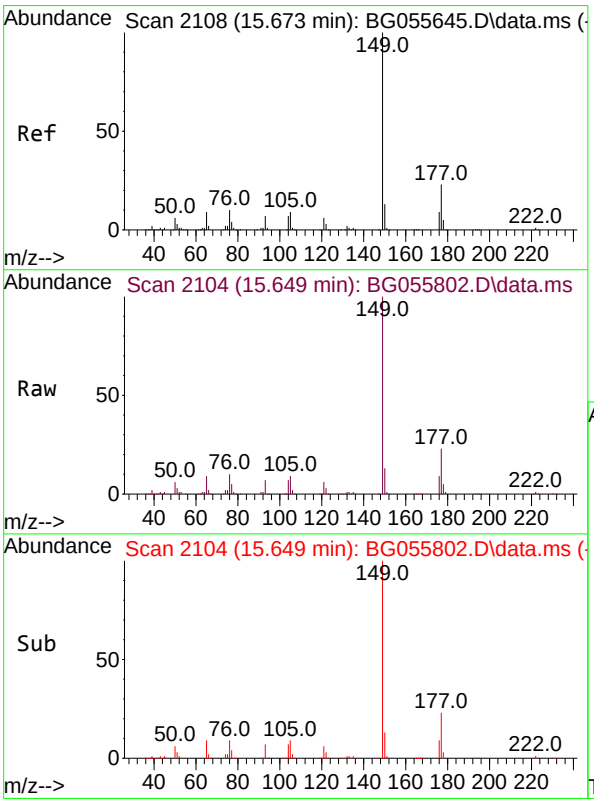
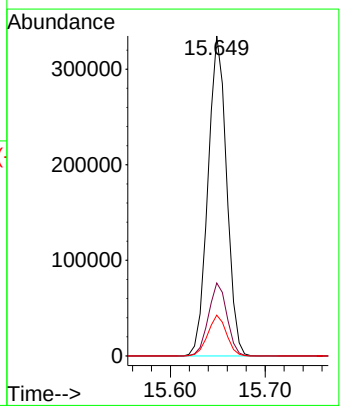
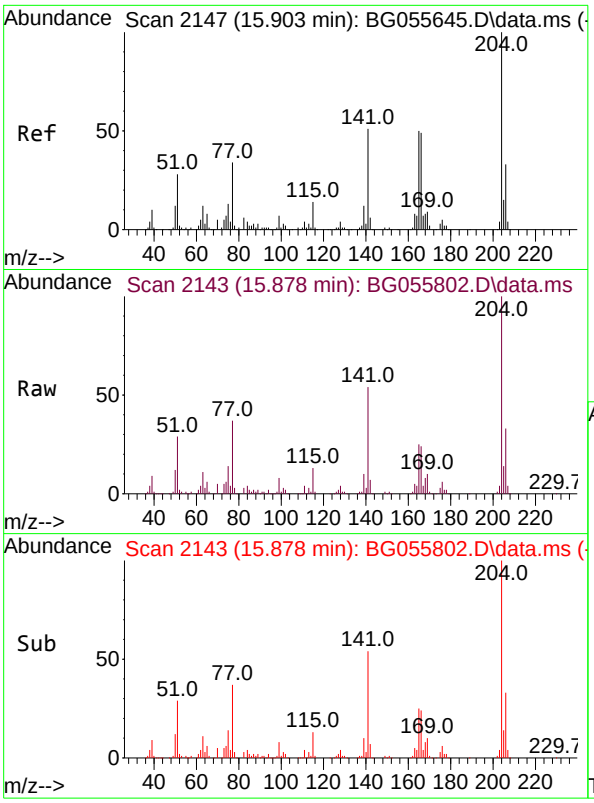


#60
Diethylphthalate
Concen: 38.026 ng
RT: 15.649 min Scan# 2104
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:149 Resp: 457221

Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.3	27.5
150	12.7	10.0	15.0

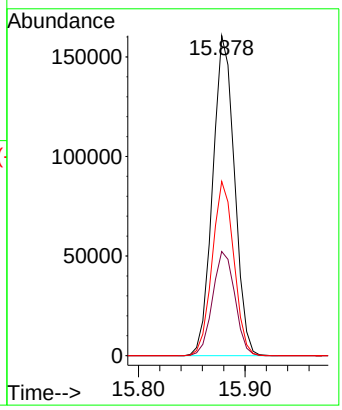




#61
4-Chlorophenyl-phenylether
Concen: 37.082 ng
RT: 15.878 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:204 Resp: 22840

Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.6	40.0
141	54.4	40.6	61.0



Instrument :
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ClientSampleId :
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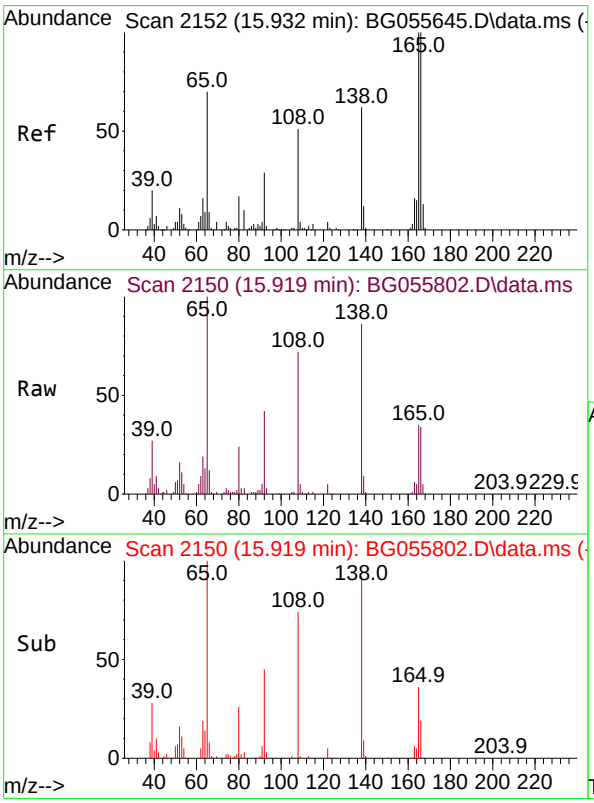
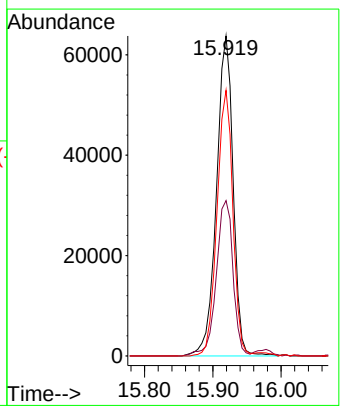
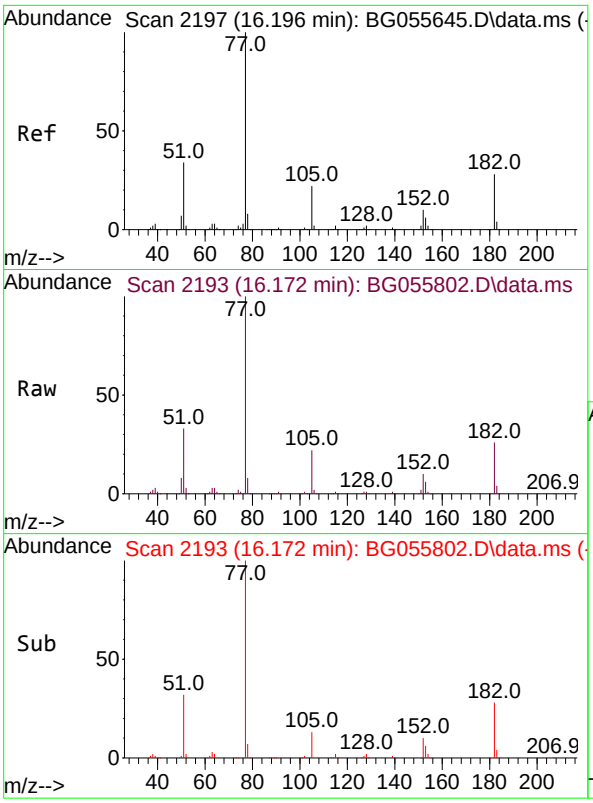


#62
4-Nitroaniline
Concen: 38.529 ng
RT: 15.919 min Scan# 2150
Delta R.T. 0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:138 Resp: 107511

Ion	Ratio	Lower	Upper
138	100		
92	48.5	27.3	67.3
108	83.0	62.8	102.8

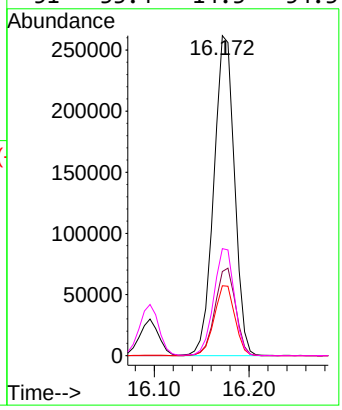




#63
Azobenzene
Concen: 37.762 ng
RT: 16.172 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion: 77 Resp: 396399

Ion	Ratio	Lower	Upper
77	100		
182	26.3	8.1	48.1
105	21.8	1.8	41.8
51	33.4	14.3	54.3



Instrument :
BNA_G
ClientSampleId :
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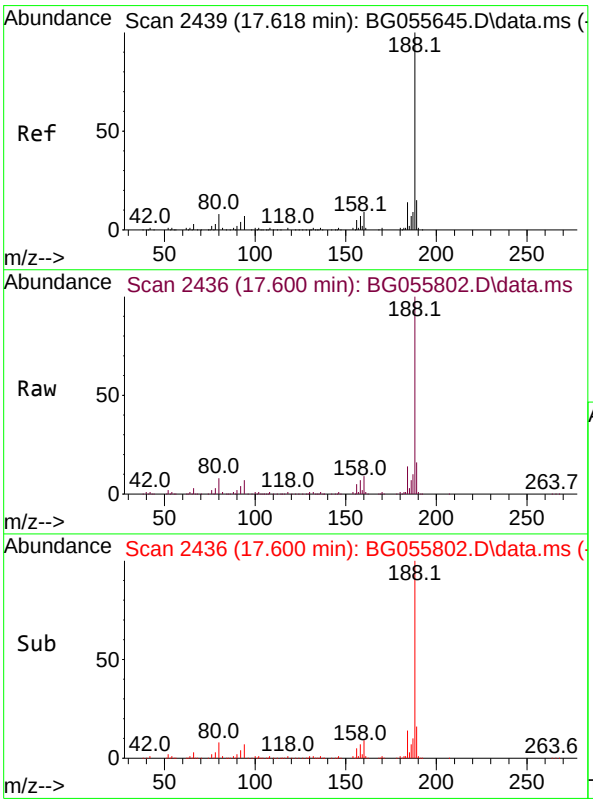
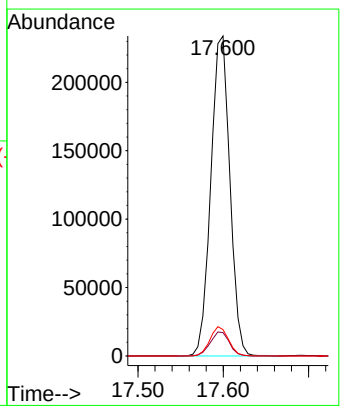
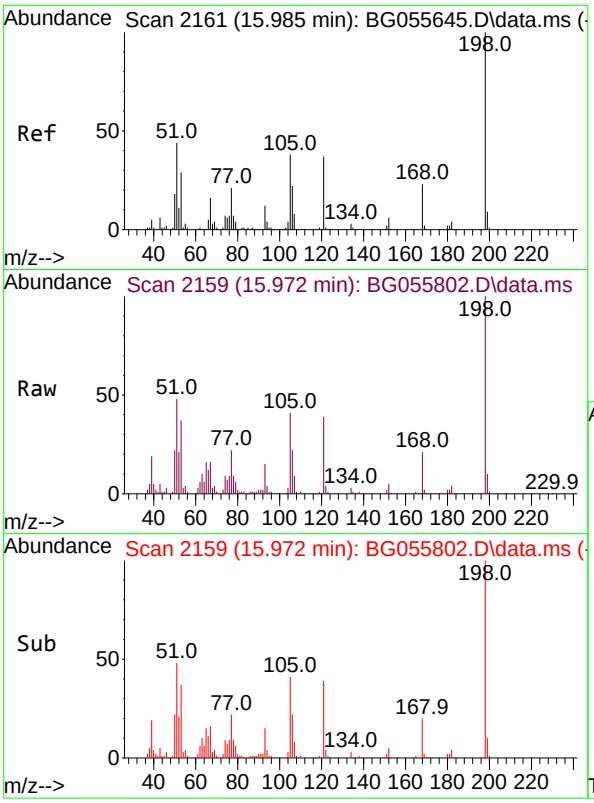


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.600 min Scan# 2436
Delta R.T. 0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:188 Resp: 362126

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.4	8.2
80	8.2	6.6	10.0





#65
4,6-Dinitro-2-methylphenol
Concen: 42.740 ng
RT: 15.972 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:198 Resp: 8642

Ion	Ratio	Lower	Upper
198	100		
51	47.9	27.7	67.7
105	40.5	19.3	59.3

Instrument :
BNA_G
ClientSampleId :
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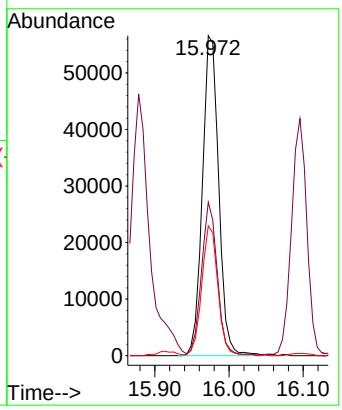
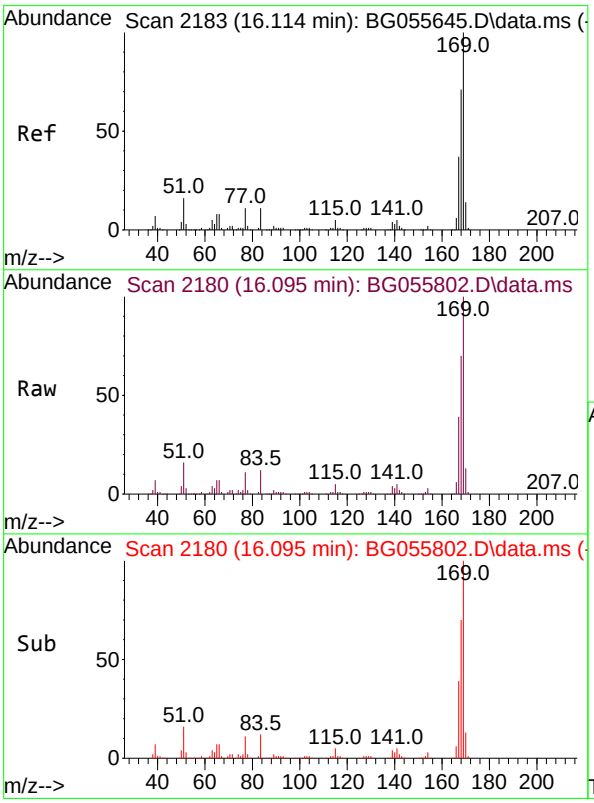
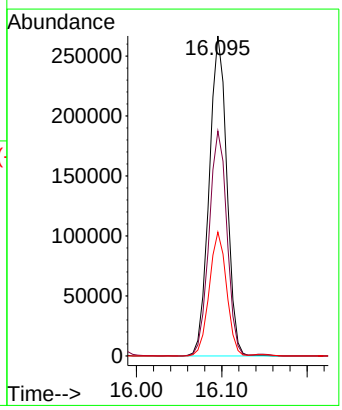


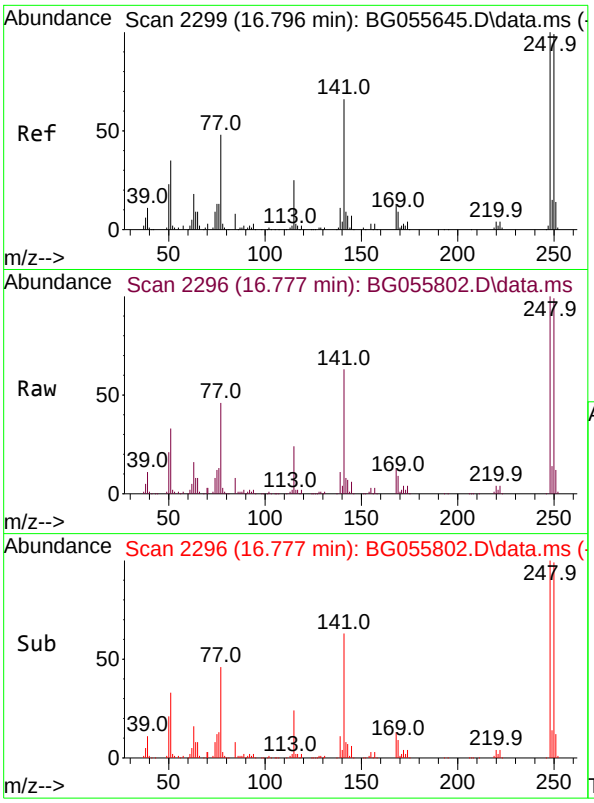


#66
n-Nitrosodiphenylamine
Concen: 38.390 ng
RT: 16.095 min Scan# 2180
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:169 Resp: 383123

Ion	Ratio	Lower	Upper
169	100		
168	70.3	56.6	85.0
167	38.7	29.9	44.9

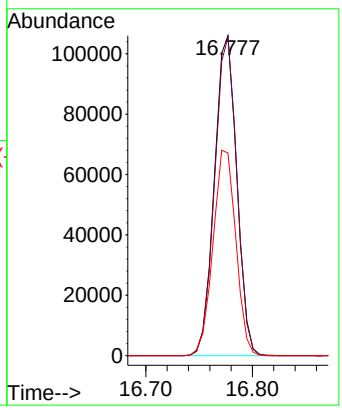




#67
4-Bromophenyl-phenylether
Concen: 37.439 ng
RT: 16.777 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:248 Resp: 15447

Ion	Ratio	Lower	Upper
248	100		
250	99.4	79.0	118.4
141	63.3	52.9	79.3



Instrument :
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ClientSampleId :
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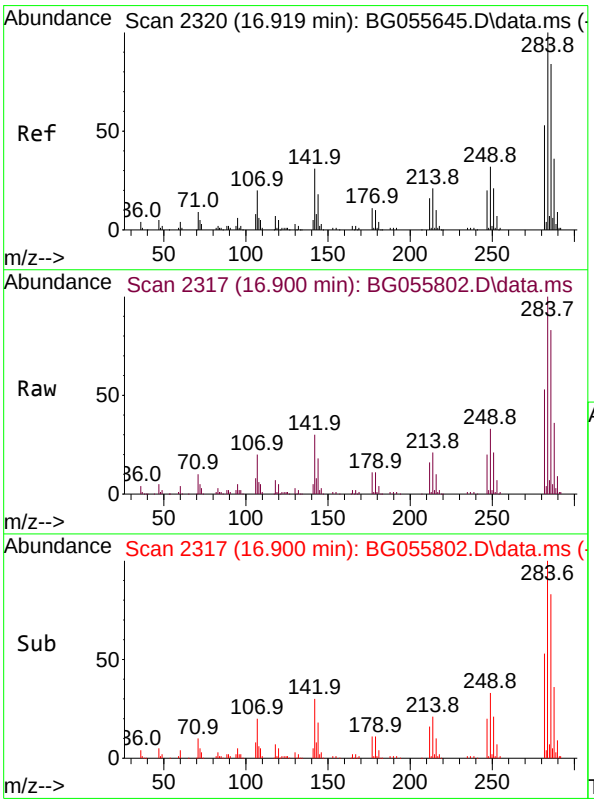
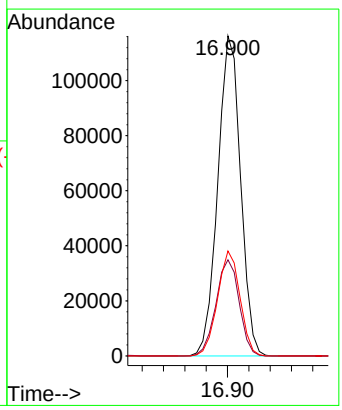
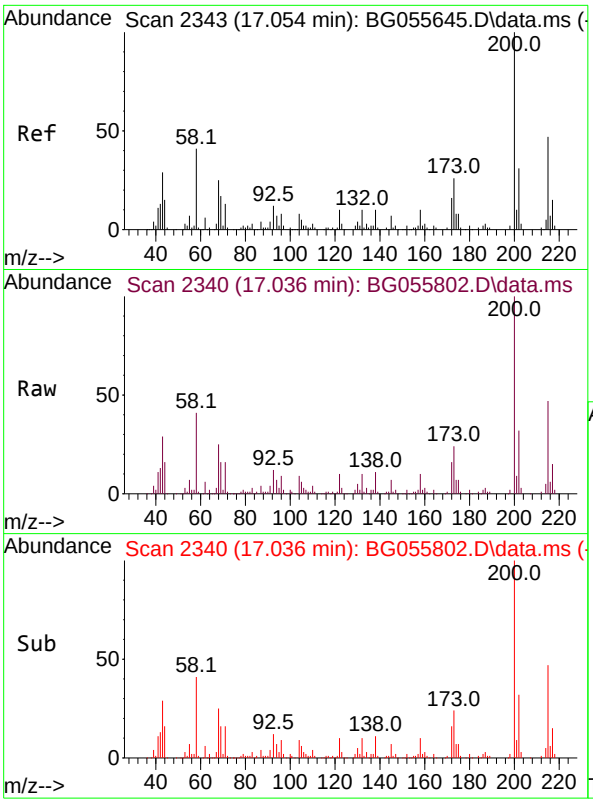


#68
Hexachlorobenzene
Concen: 37.699 ng
RT: 16.900 min Scan# 2317
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:284 Resp: 172475

Ion	Ratio	Lower	Upper
284	100		
142	30.0	24.8	37.2
249	32.8	25.7	38.5





#69
Atrazine
Concen: 42.427 ng
RT: 17.036 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:200 Resp: 16745

Ion	Ratio	Lower	Upper
200	100		
173	24.1	5.6	45.6
215	47.2	27.2	67.2

Instrument :
BNA_G
ClientSampleId :
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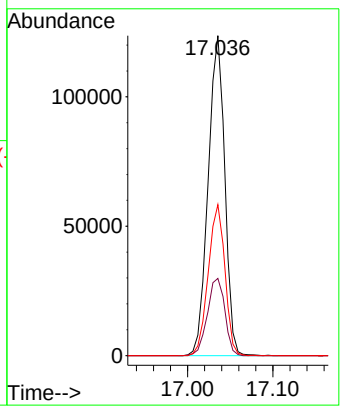
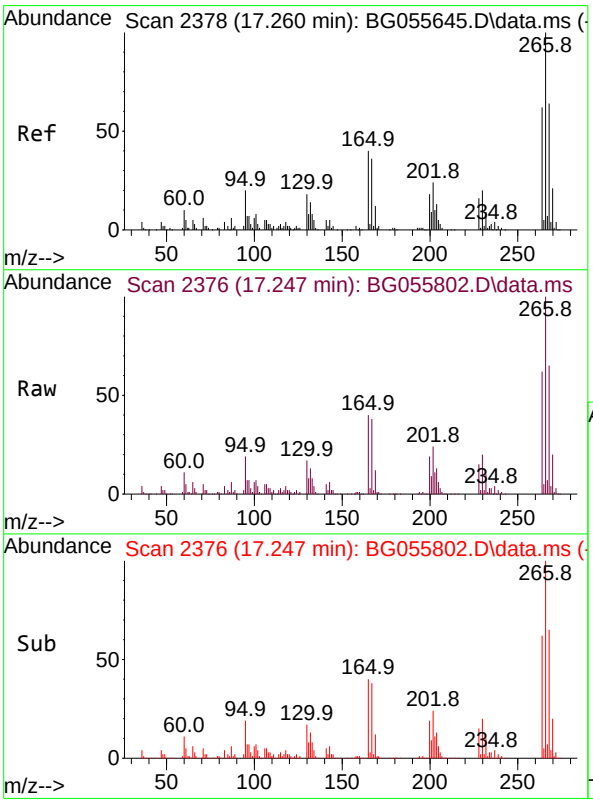
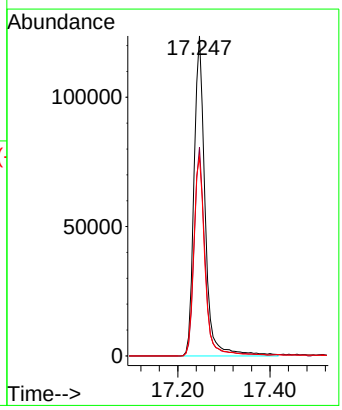


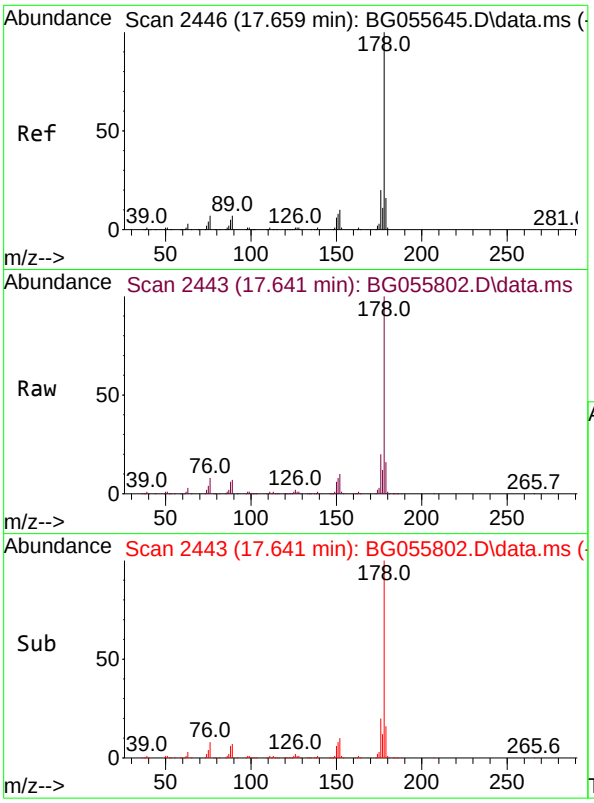


#70
Pentachlorophenol
Concen: 73.426 ng
RT: 17.247 min Scan# 2376
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:266 Resp: 205497

Ion	Ratio	Lower	Upper
266	100		
268	65.2	51.2	76.8
264	62.2	49.5	74.3





#71
Phenanthrene
Concen: 36.891 ng
RT: 17.641 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:178 Resp: 72091

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	15.8	12.7	19.1

Instrument :
BNA_G
ClientSampleId :
PB149266BS

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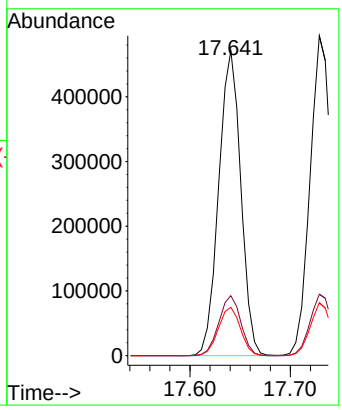
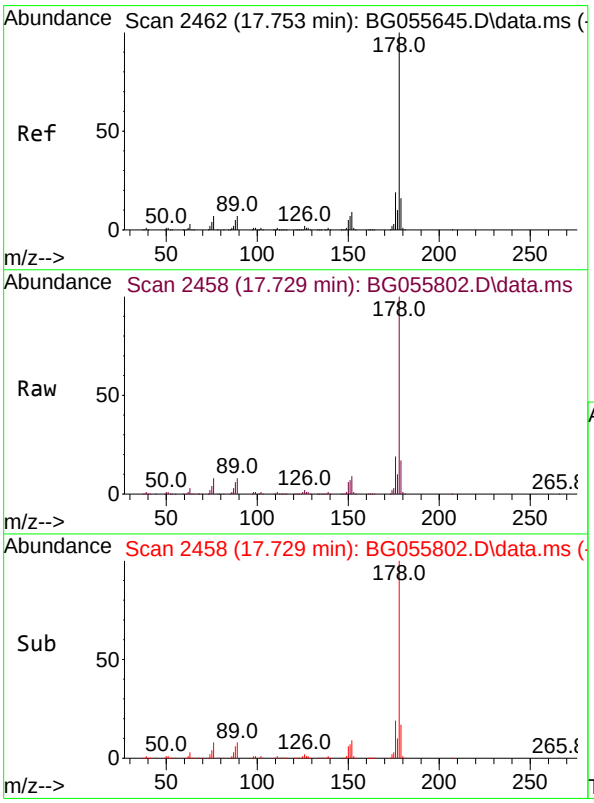
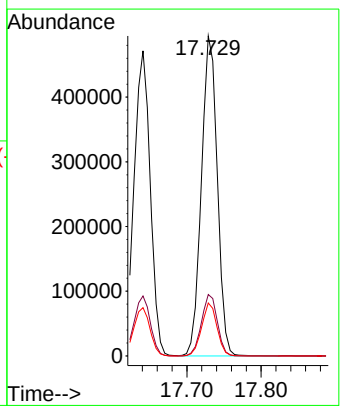


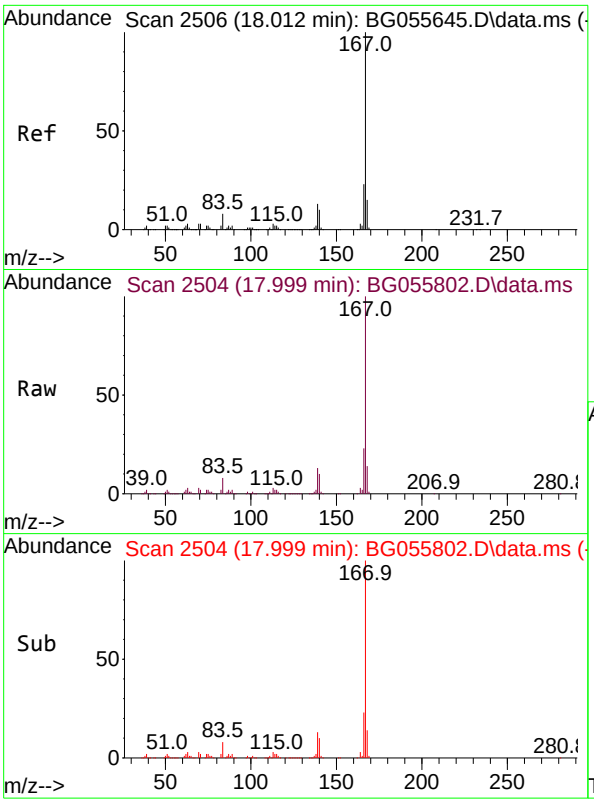


#72
Anthracene
Concen: 38.722 ng
RT: 17.729 min Scan# 2458
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:178 Resp: 735222

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	16.5	12.5	18.7

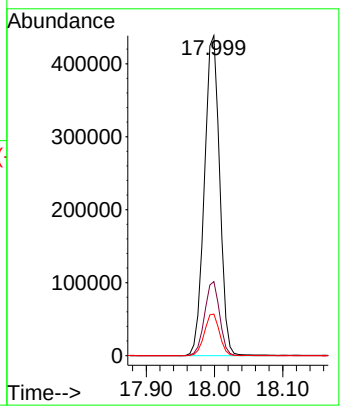




#73
Carbazole
Concen: 39.990 ng
RT: 17.999 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:167 Resp: 68261

Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.2	27.2
139	13.0	10.2	15.4



Instrument :
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ClientSampleId :
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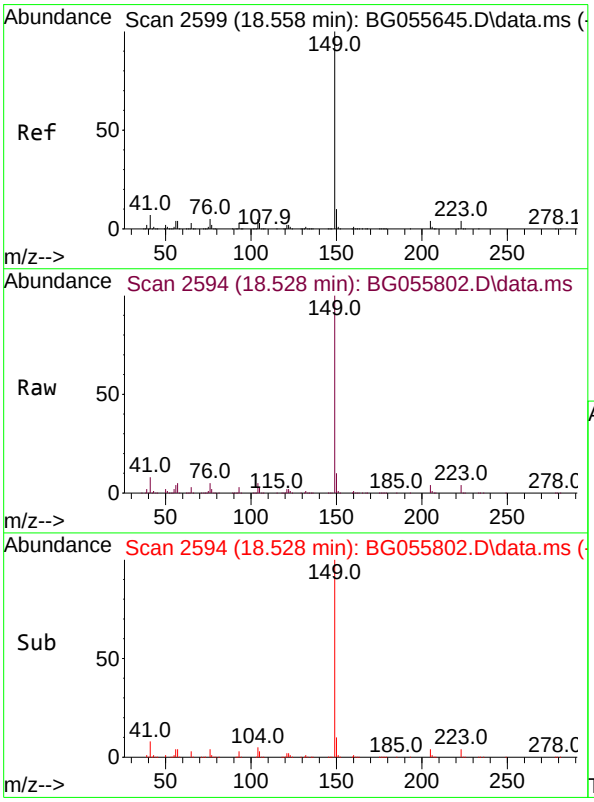
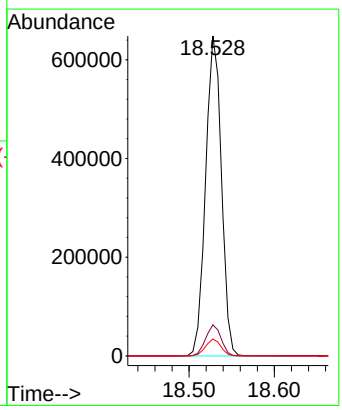
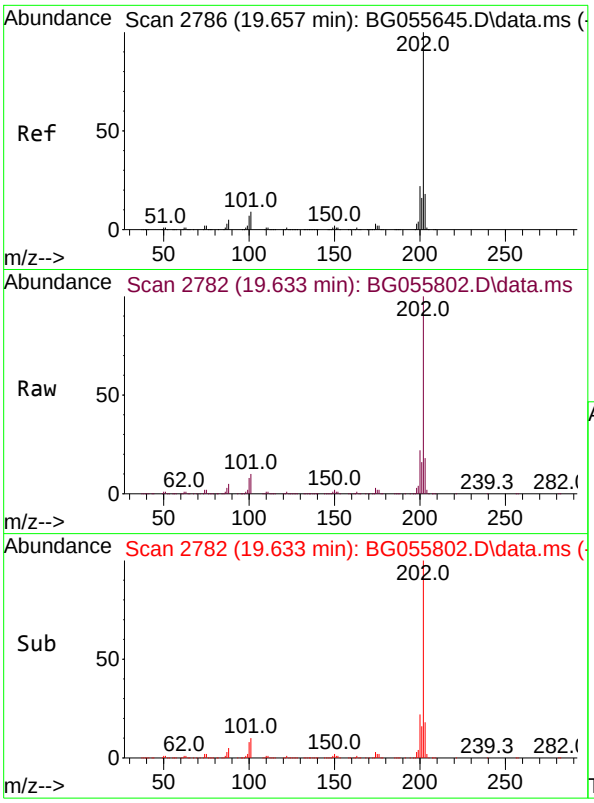


#74
Di-n-butylphthalate
Concen: 39.301 ng
RT: 18.528 min Scan# 2594
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:149 Resp: 832978

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	5.3	4.0	6.0

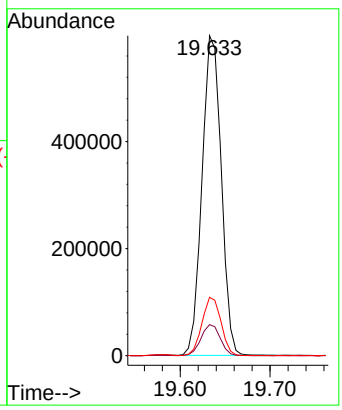




#75
Fluoranthene
Concen: 37.354 ng
RT: 19.633 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:202 Resp: 88806

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	28.8
203	18.2	0.0	38.1



Instrument :
BNA_G
ClientSampleId :
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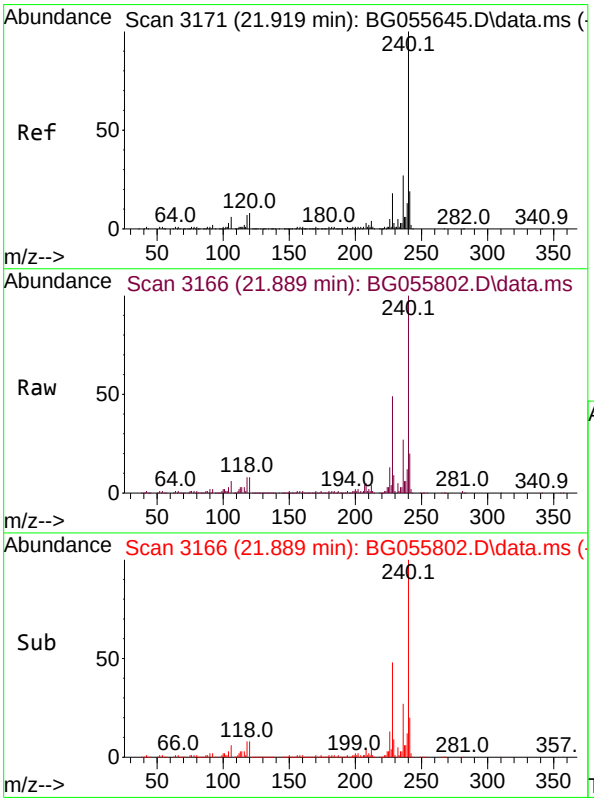
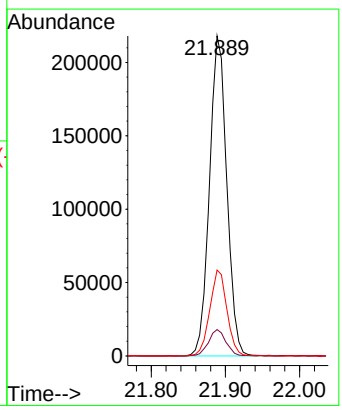
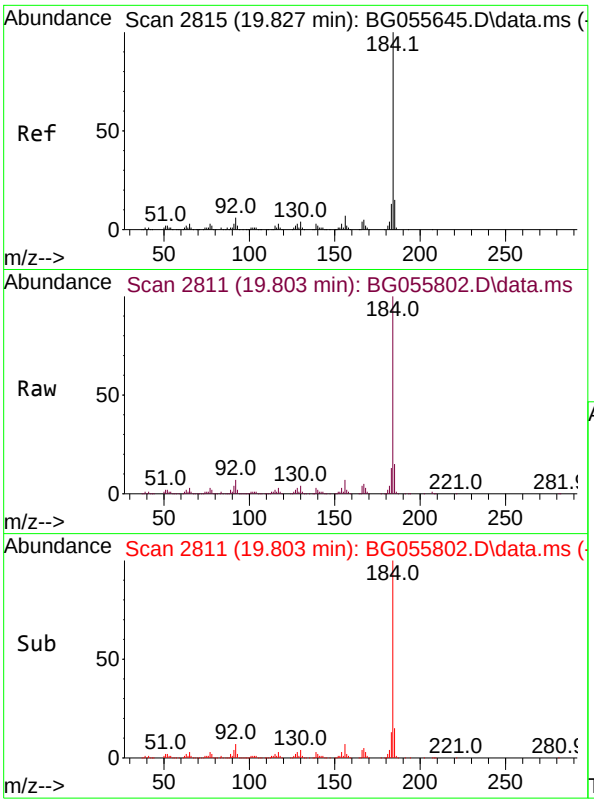


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.889 min Scan# 3166
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:240 Resp: 353237

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.3	9.5
236	26.8	21.9	32.9

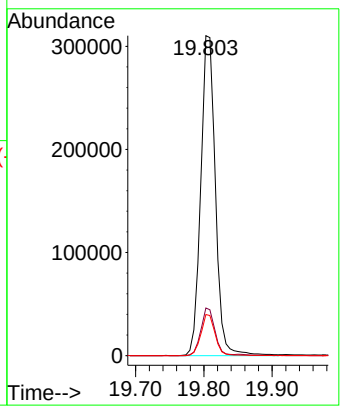




#77
Benzidine
Concen: 56.809 ng
RT: 19.803 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:184 Resp: 464244

Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.8	17.8
183	12.8	10.6	15.8



Instrument :
BNA_G
ClientSampleId :
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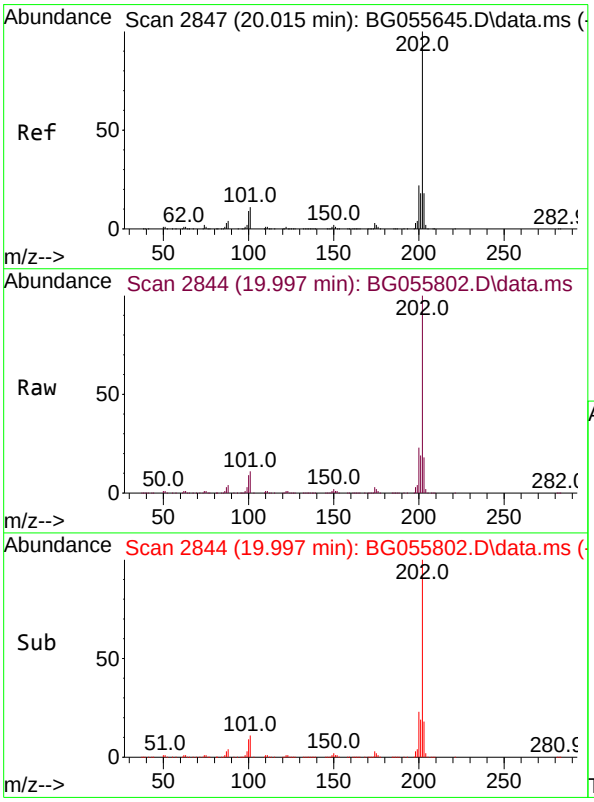
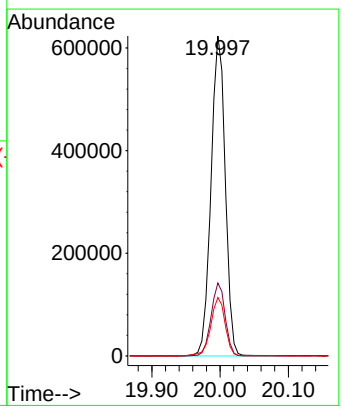
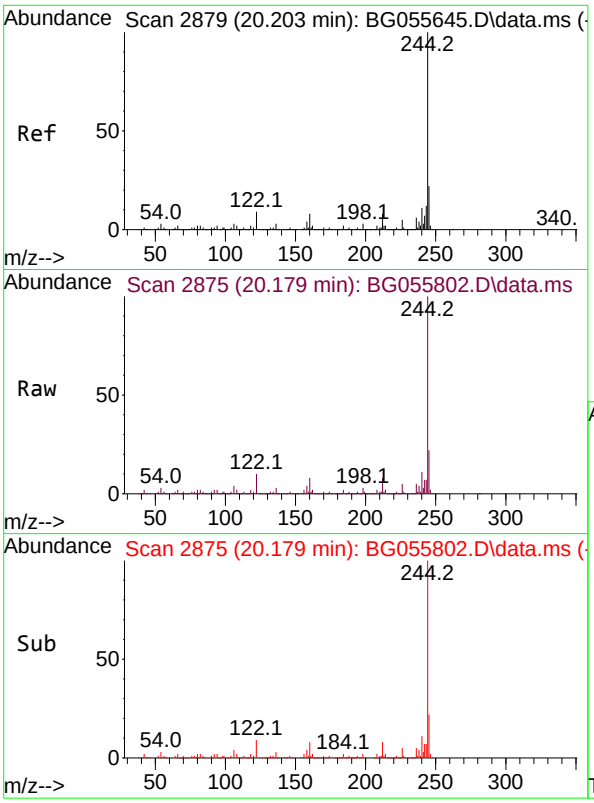


#78
Pyrene
Concen: 37.723 ng
RT: 19.997 min Scan# 2844
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:202 Resp: 901951

Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.8	26.6
203	18.3	14.4	21.6

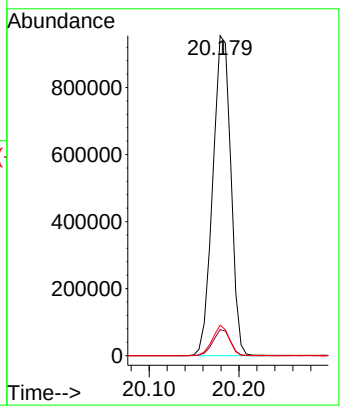




#79
Terphenyl-d14
Concen: 75.663 ng
RT: 20.179 min Scan# 28
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:244 Resp: 133625

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.3	9.5
122	9.5	6.9	10.3



Instrument :
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ClientSampleId :
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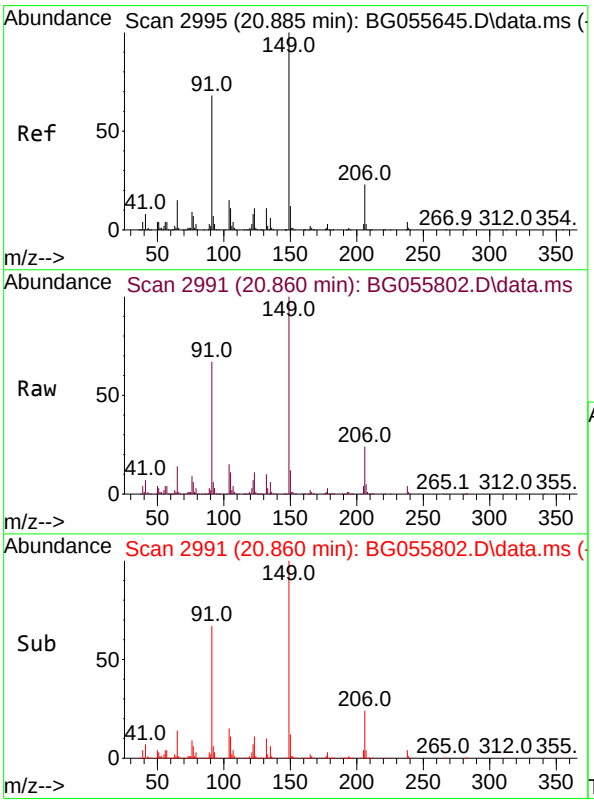
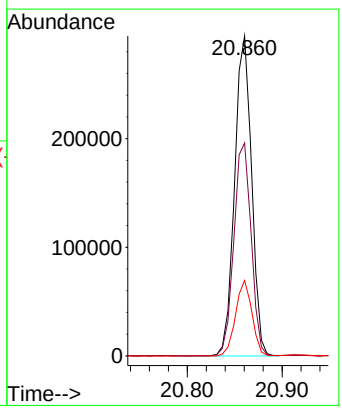
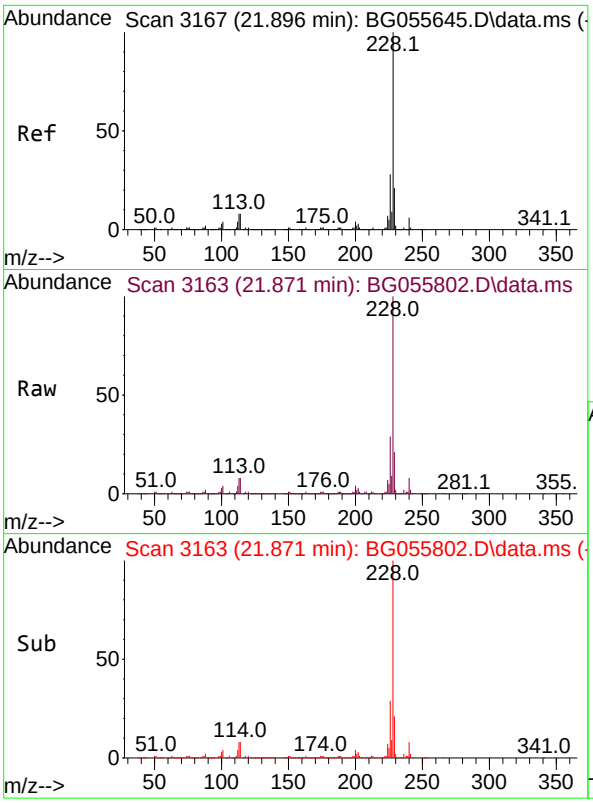


#80
Butylbenzylphthalate
Concen: 39.241 ng
RT: 20.860 min Scan# 2991
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:149 Resp: 367301

Ion	Ratio	Lower	Upper
149	100		
91	66.5	54.6	81.8
206	23.6	18.3	27.5

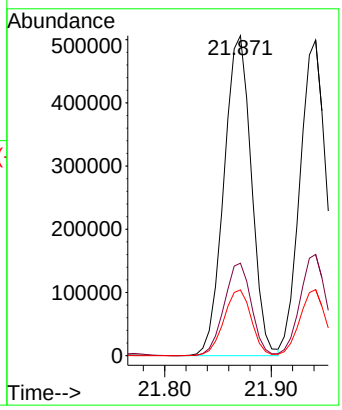




#81
Benzo(a)anthracene
Concen: 37.236 ng
RT: 21.871 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:228 Resp: 90594

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.7	34.1
229	20.5	16.5	24.7



Instrument :
BNA_G
ClientSampleId :
PB149266BS

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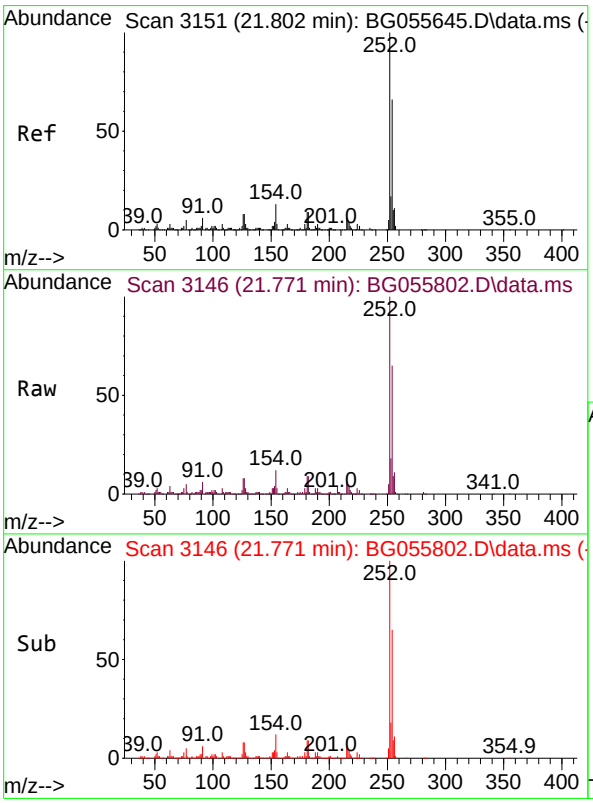
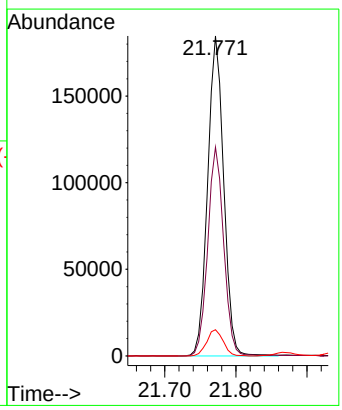
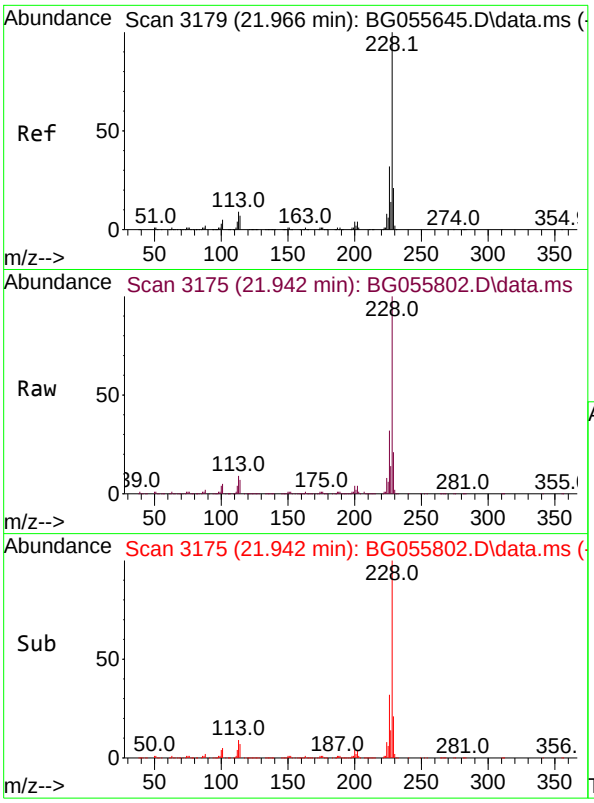


#82
3,3'-Dichlorobenzidine
Concen: 33.856 ng
RT: 21.771 min Scan# 3146
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:252 Resp: 289436

Ion	Ratio	Lower	Upper
252	100		
254	65.2	53.0	79.6
126	8.2	6.7	10.1

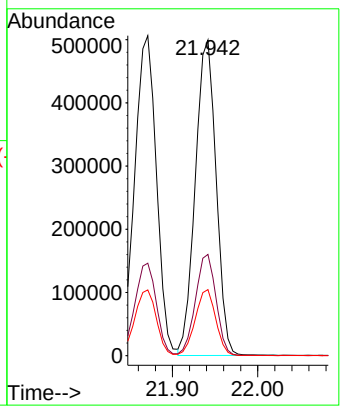




#83
Chrysene
Concen: 36.558 ng
RT: 21.942 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:228 Resp: 84674

Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.4	38.2
229	20.9	17.1	25.7



Instrument :
BNA_G
ClientSampleId :
PB149266BS

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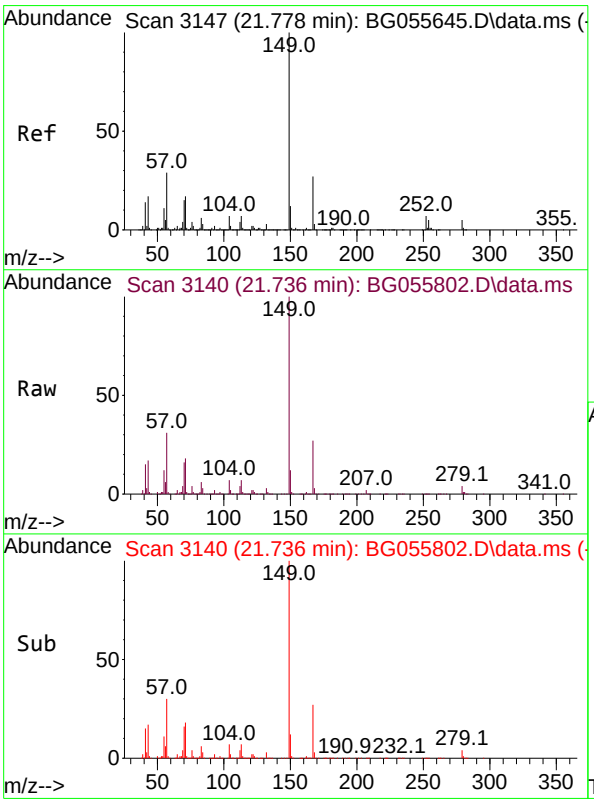
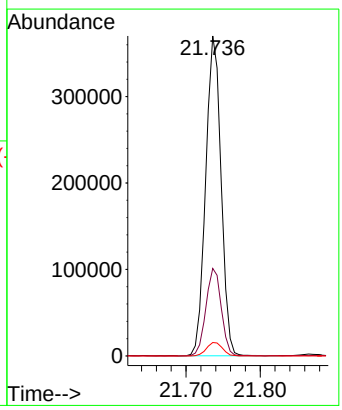
Supervised By :Jagrut Upadhyay 11/29/2022

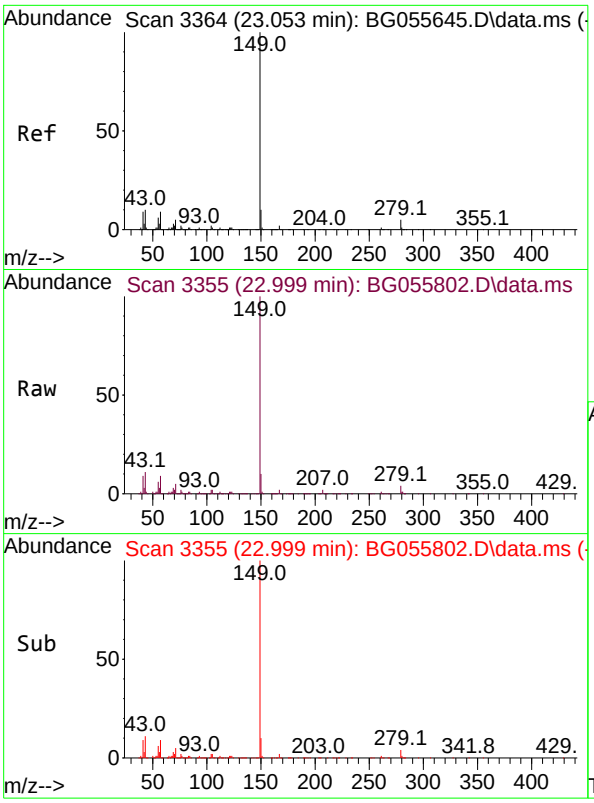


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.499 ng
RT: 21.736 min Scan# 3140
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:149 Resp: 531333

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.0	33.0
279	4.2	3.7	5.5





#85
Di-n-octyl phthalate
Concen: 39.366 ng
RT: 22.999 min Scan# 3
Delta R.T. -0.009 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:149 Resp: 90623

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.6	8.4	12.6

Instrument :
BNA_G
ClientSampleId :
PB149266BS

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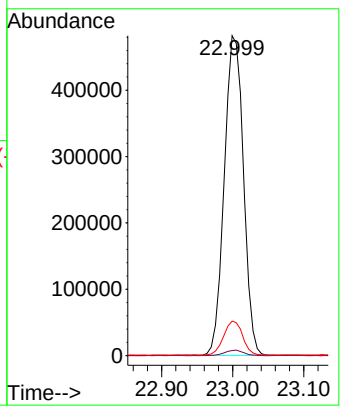
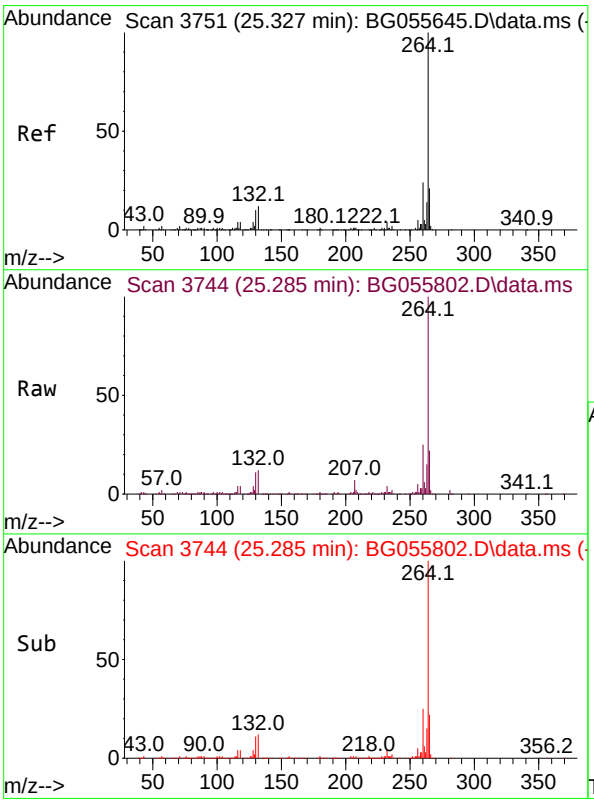
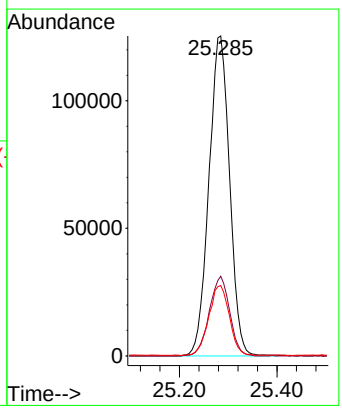


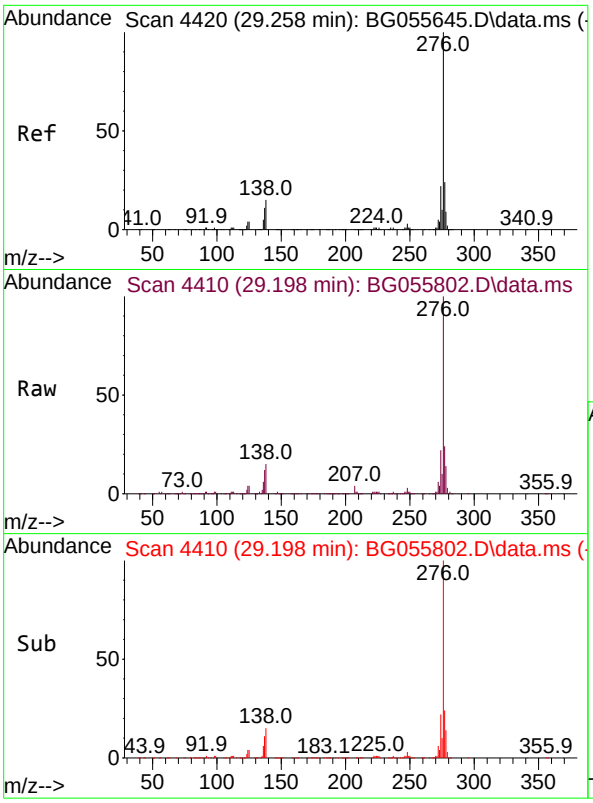


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.285 min Scan# 3744
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:264 Resp: 368944

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	22.0	17.1	25.7

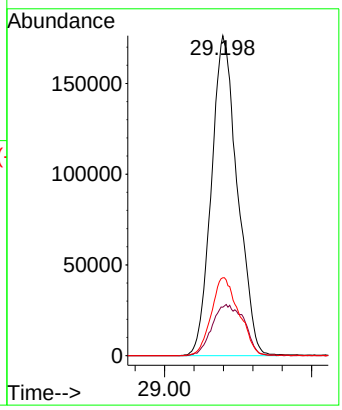




#87
Indeno(1,2,3-cd)pyrene
Concen: 35.927 ng
RT: 29.198 min Scan# 44
Delta R.T. -0.015 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:276 Resp: 108588

Ion	Ratio	Lower	Upper
276	100		
138	19.7	10.4	15.6
277	25.8	20.2	30.4



Instrument :
BNA_G
ClientSampleId :
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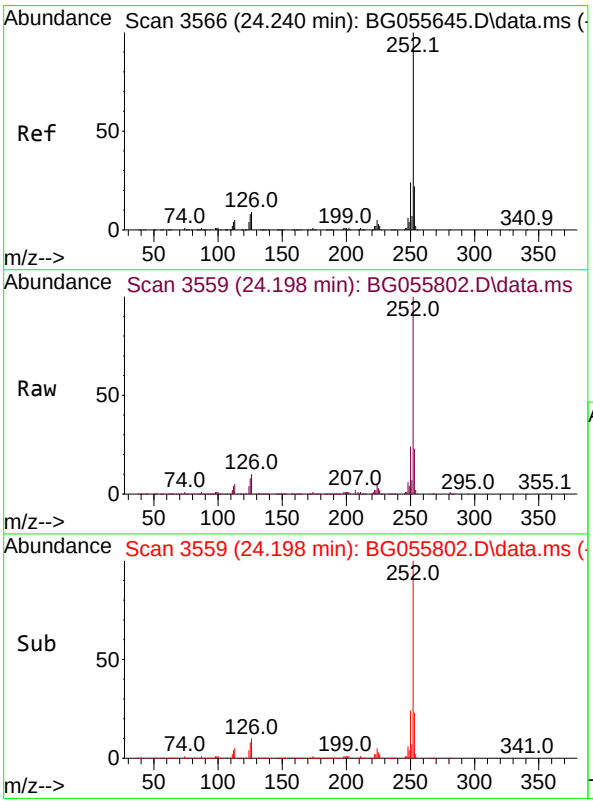
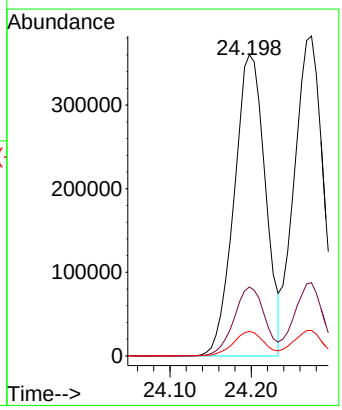
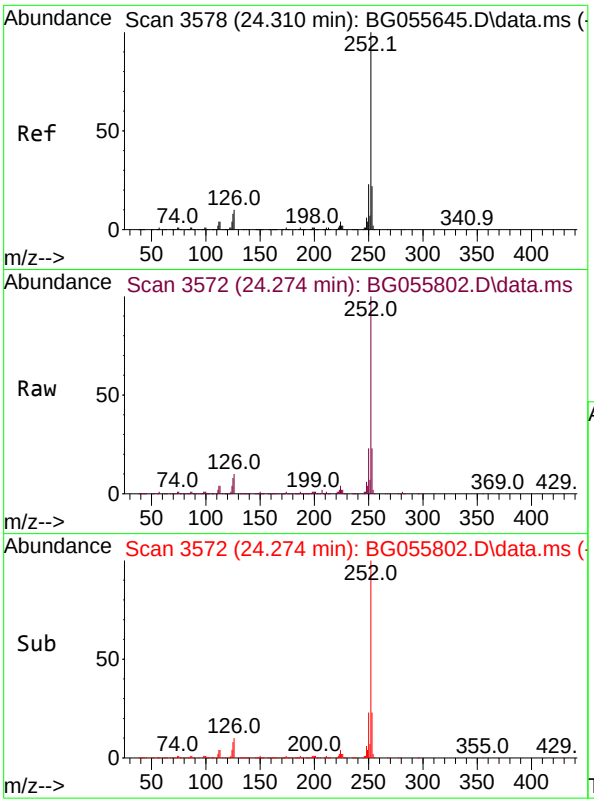


#88
Benzo(b)fluoranthene
Concen: 39.962 ng
RT: 24.198 min Scan# 3559
Delta R.T. -0.009 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:252 Resp: 960185

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	8.2	6.2	9.2

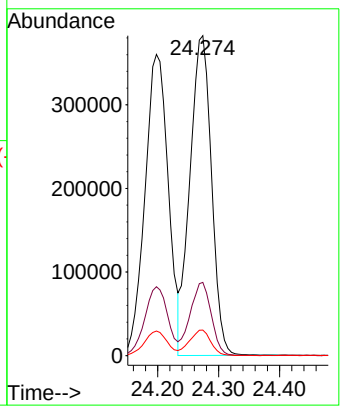




#89
Benzo(k)fluoranthene
Concen: 39.266 ng
RT: 24.274 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:252 Resp: 94045

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	8.0	6.1	9.1



Instrument :
BNA_G
ClientSampleId :
PB149266BS

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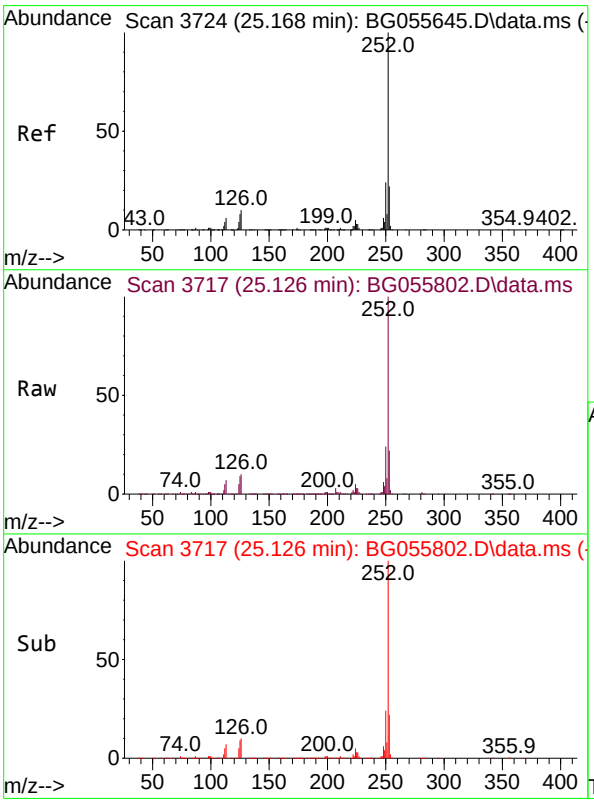
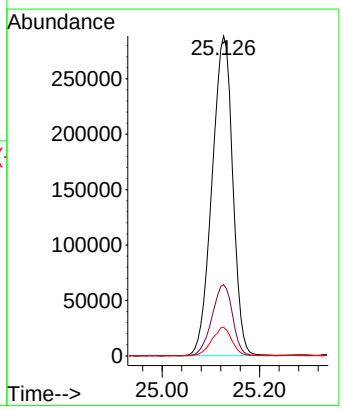
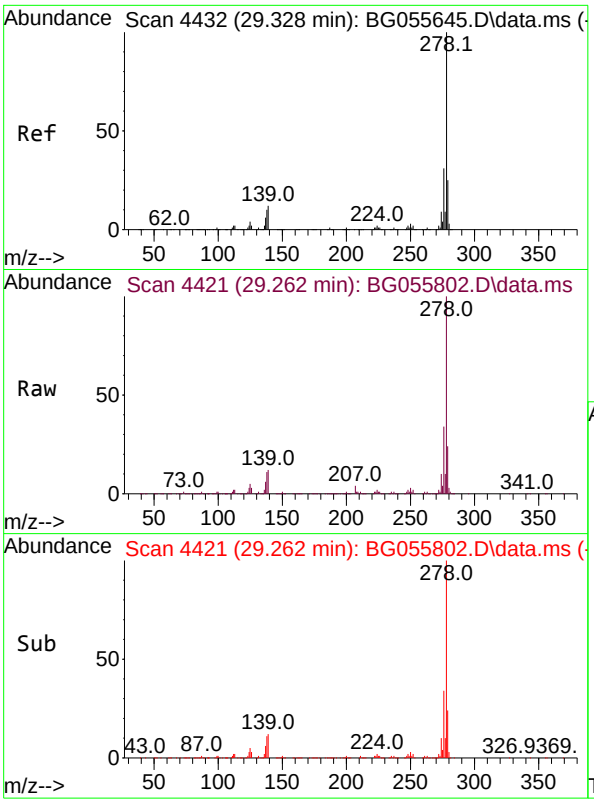


#90
Benzo(a)pyrene
Concen: 41.205 ng
RT: 25.126 min Scan# 3717
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:252 Resp: 849604

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	8.9	6.4	9.6

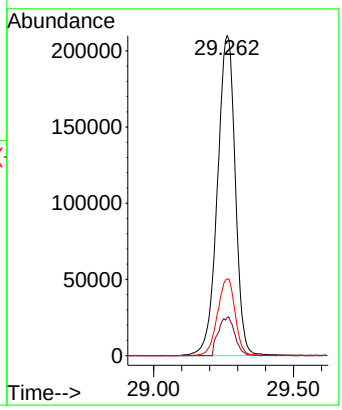




#91
Dibenzo(a,h)anthracene
Concen: 37.710 ng
RT: 29.262 min Scan# 44
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:278 Resp: 93138

Ion	Ratio	Lower	Upper
278	100		
139	11.9	9.8	14.8
279	23.9	19.8	29.6



Instrument :
BNA_G
ClientSampleId :
PB149266BS

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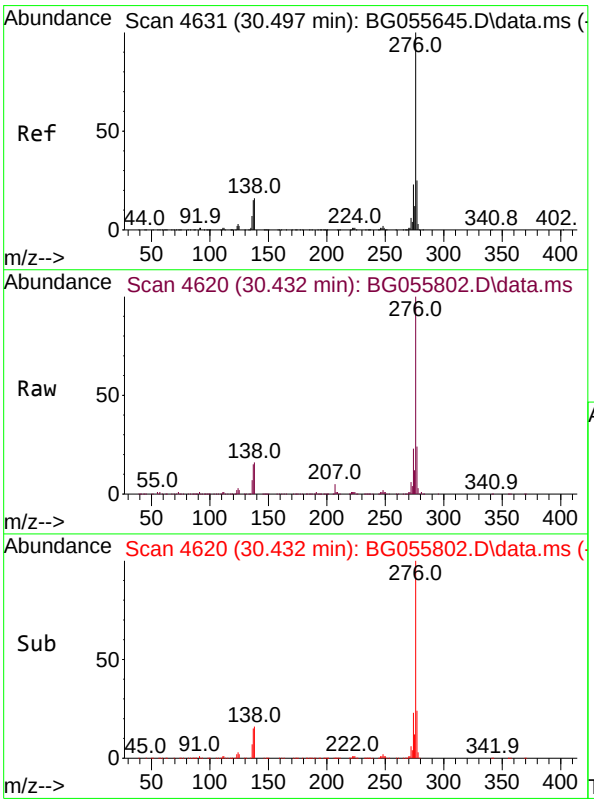
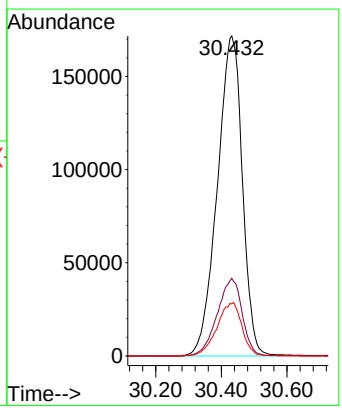


#92
Benzo(g,h,i)perylene
Concen: 36.587 ng
RT: 30.432 min Scan# 4620
Delta R.T. -0.003 min
Lab File: BG055802.D
Acq: 28 Nov 2022 12:43

Tgt Ion:276 Resp: 910773

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.8	29.6
138	16.2	13.1	19.7