Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081117\
Data File : BM011202.D
Acq On : 11 Aug 2017 15:40
Operator : SJ/JU
Sample : I4666-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MS

Manual Integrations APPROVED
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8/14/2017 6:56:58 PM

Quant Time: Aug 11 18:39:42 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 18:38:42 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	142081	20.00	ng		0.00
21) Naphthalene-d8	10.05	136	555557	20.00	ng		0.00
38) Acenaphthene-d10	13.96	164	392246	20.00	ng		0.00
63) Phenanthrene-d10	16.72	188	1009120	20.00	ng		0.00
75) Chrysene-d12	20.94	240	1281401	20.00	ng		0.00
86) Perylene-d12	23.02	264	1285608	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.94	112	1278748	152.14	ng		0.00
7) Phenol-d6	6.50	99	1635515	136.96	ng		0.00
23) Nitrobenzene-d5	8.45	82	1692693	114.35	ng		0.00
41) 2,4,6-Tribromophenol	15.47	330	1002627	159.48	ng		0.00
44) 2-Fluorobiphenyl	12.57	172	3278575	104.83	ng		0.00
78) Terphenyl-d14	19.39	244	5557394	85.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.94	88	180908	47.938	ng	#	100
3) Pyridine	3.32	79	411324	39.904	ng	#	85
4) n-Nitrosodimethylamine	3.23	42	316461	60.244	ng	#	65
6) Aniline	6.65	93	486721	32.338	ng	#	84
8) 2-Chlorophenol	6.87	128	390368	45.747	ng	#	66
9) Benzaldehyde	6.46	77	214030	27.700	ng	#	77
10) Phenol	6.53	94	573814	44.239	ng		89
11) bis(2-Chloroethyl)ether	6.75	93	498221	49.297	ng		84
12) 1,3-Dichlorobenzene	7.18	146	501620	48.234	ng	#	76
13) 1,4-Dichlorobenzene	7.33	146	501684	47.063	ng	#	91
14) 1,2-Dichlorobenzene	7.64	146	480004	47.096	ng	#	87
15) Benzyl Alcohol	7.55	79	652320	56.941	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	7.83	45	509286	56.000	ng		79
17) 2-Methylphenol	7.75	107	396243	47.799	ng	#	68
18) Hexachloroethane	8.35	117	247624	53.267	ng	#	80
19) n-Nitroso-di-n-propylamine	8.11	70	556828	54.871	ng	#	91
20) 3+4-Methylphenols	8.08	107	525970	45.643	ng	#	76
22) Acetophenone	8.12	105	809295	48.597	ng	#	88
24) Nitrobenzene	8.49	77	858512	55.970	ng	#	81
25) Isophorone	9.01	82	1369479	55.489	ng	#	81
26) 2-Nitrophenol	9.19	139	233656	47.875	ng	#	3
27) 2,4-Dimethylphenol	9.26	122	399695	46.521	ng	#	64
28) bis(2-Chloroethoxy)methane	9.50	93	733633	53.296	ng	#	97
29) 2,4-Dichlorophenol	9.72	162	458067	47.446	ng		93
30) 1,2,4-Trichlorobenzene	9.92	180	616575	51.651	ng		97
31) Naphthalene	10.10	128	1403363	50.213	ng		99
32) Benzoic acid	9.42	122	236395	34.230	ng	#	45
33) 4-Chloroaniline	10.24	127	176742	15.852	ng	#	70
34) Hexachlorobutadiene	10.39	225	531487	56.529	ng		98
35) Caprolactam	11.02	113	113600m	41.491	ng		
36) 4-Chloro-3-methylphenol	11.37	107	593397	47.600	ng	#	72
37) 2-Methylnaphthalene	11.73	142	1105156	53.828	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.12	216	854036	50.678	ng	#	100
40) Hexachlorocyclopentadiene	12.09	237	1237667	126.040	ng		99

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Quant Time: Aug 11 18:39:42 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 18:38:42 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.37	196	484067	47.457	ng		95
43) 2,4,5-Trichlorophenol	12.45	196	505029	48.073	ng	#	87
45) 1,1'-Biphenyl	12.78	154	1560065	45.997	ng		94
46) 2-Chloronaphthalene	12.82	162	1248078	49.944	ng		95
47) 2-Nitroaniline	13.04	65	525647	59.458	ng	#	58
48) Acenaphthylene	13.67	152	1853225	49.693	ng		99
49) Dimethylphthalate	13.45	163	1591379	47.426	ng	#	98
50) 2,6-Dinitrotoluene	13.56	165	329251	48.523	ng	#	41
51) Acenaphthene	14.03	154	1135462	49.172	ng		97
52) 3-Nitroaniline	13.89	138	223272	37.918	ng	#	17
53) 2,4-Dinitrophenol	14.10	184	426583	88.459	ng	#	82
54) Dibenzofuran	14.37	168	2007752	53.660	ng	#	91
55) 4-Nitrophenol	14.22	139	378279	73.122	ng	#	74
56) 2,4-Dinitrotoluene	14.36	165	486067	51.026	ng	#	74
57) Fluorene	15.02	166	1660387	50.969	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.60	232	540839	54.924	ng	#	100
59) Diethylphthalate	14.83	149	1672776	48.813	ng		100
60) 4-Chlorophenyl-phenylether	15.03	204	1017184	51.717	ng		98
61) 4-Nitroaniline	15.06	138	201773	32.261	ng	#	1
62) Azobenzene	15.32	77	2378356	64.848	ng		85
64) 4,6-Dinitro-2-methylphenol	15.12	198	322705	47.237	ng		97
65) n-Nitrosodiphenylamine	15.25	169	1421498	49.222	ng		98
66) 4-Bromophenyl-phenylether	15.93	248	674278	51.977	ng	#	92
67) Hexachlorobenzene	16.03	284	686756	46.848	ng	#	85
68) Atrazine	16.22	200	599026	51.760	ng		94
69) Pentachlorophenol	16.38	266	889686	95.597	ng		95
70) Phenanthrene	16.76	178	2760375	52.241	ng		100
71) Anthracene	16.85	178	2774662	52.652	ng		99
72) Carbazole	17.14	167	2265956	49.168	ng		99
73) Di-n-butylphthalate	17.72	149	2862513	51.005	ng	#	95
74) Fluoranthene	18.80	202	3568212	54.492	ng		97
76) Benzidine	19.01	184	2212407	72.172	ng		98
77) Pyrene	19.16	202	3625844	47.621	ng		98
79) Butylbenzylphthalate	20.11	149	1322638	48.851	ng	#	61
80) Benzo(a)anthracene	20.93	228	3781156	51.678	ng		99
81) 3,3'-Dichlorobenzidine	20.88	252	1059277	36.904	ng	#	97
82) Chrysene	20.99	228	3557742	50.656	ng		99
83) Bis(2-ethylhexyl)phthalate	20.90	149	1898417	47.662	ng		97
84) Di-n-octyl phthalate	21.74	149	3214273	49.722	ng	#	95
85) Indeno(1,2,3-cd)pyrene	25.05	276	4260182	58.569	ng	#	95
87) Benzo(b)fluoranthene	22.42	252	4099476	49.683	ng	#	92
88) Benzo(k)fluoranthene	22.46	252	3689998	46.659	ng	#	95
89) Benzo(a)pyrene	22.94	252	3855305	51.636	ng	#	96
90) Dibenzo(a,h)anthracene	25.06	278	3529247	50.990	ng	#	90
91) Benzo(g,h,i)perylene	25.67	276	3553877	52.289	ng	#	84

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

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QLast Update : Fri Aug 11 18:38:42 2017
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Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MS

Manual Integrations APPROVED
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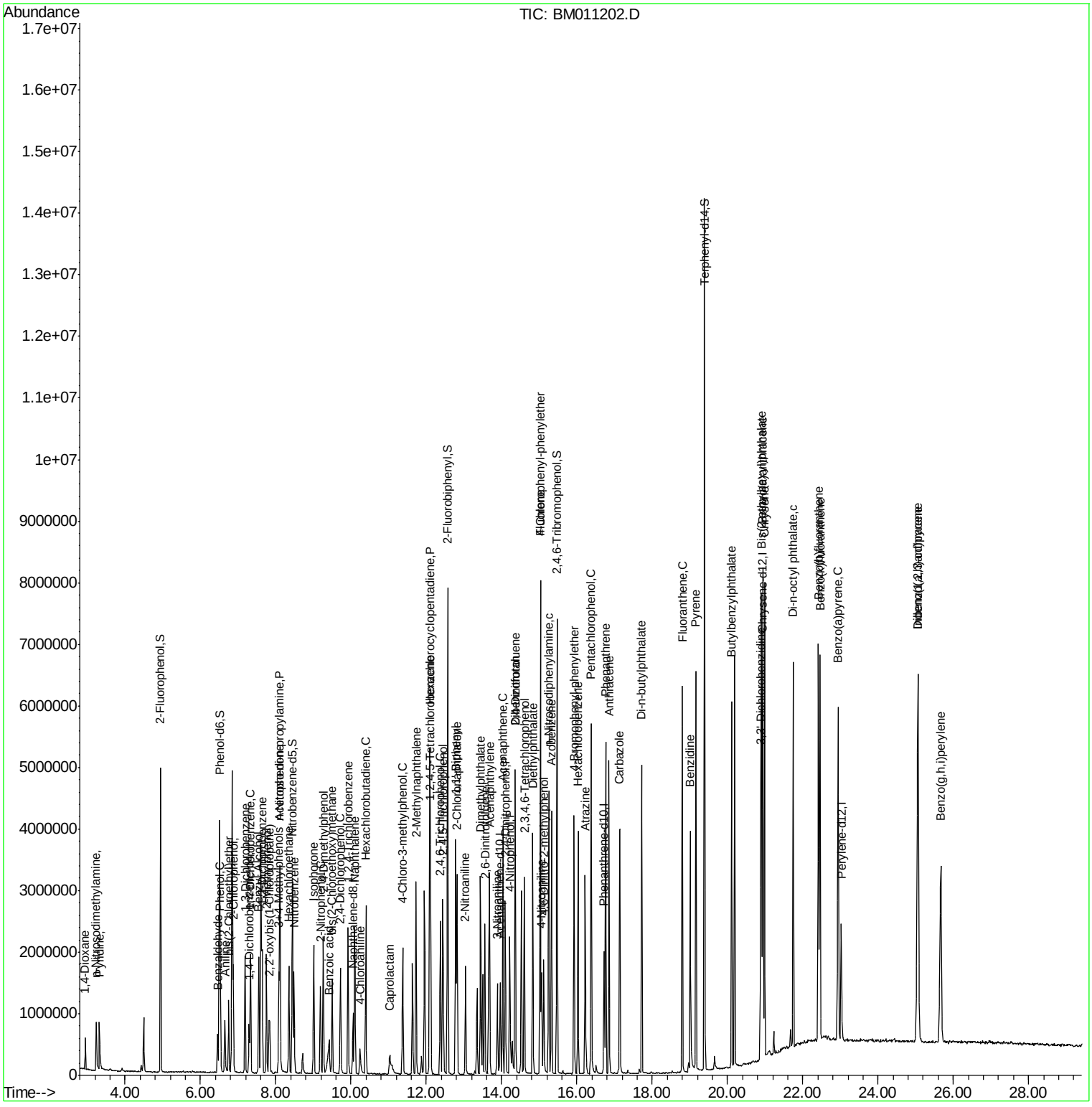
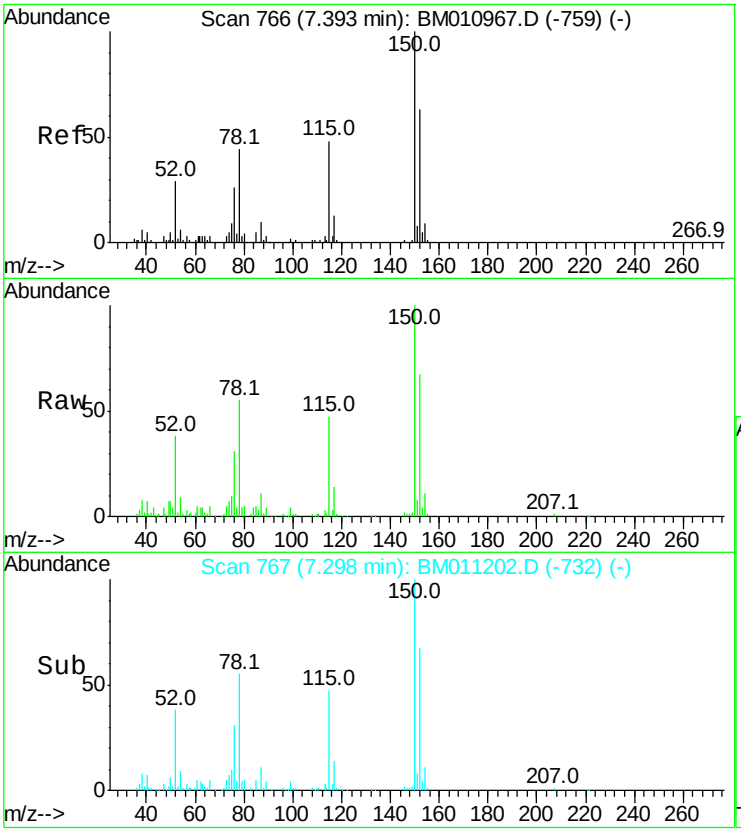
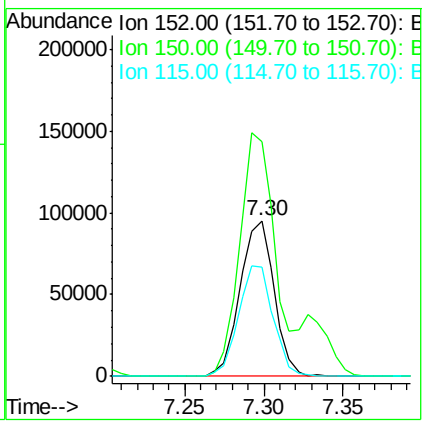




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.30 min Scan# 767
Delta R.T. 0.01 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:152 Resp: 142081

Ion	Ratio	Lower	Upper
152	100		
150	150.2	119.5	179.3
115	69.8	43.0	64.4#



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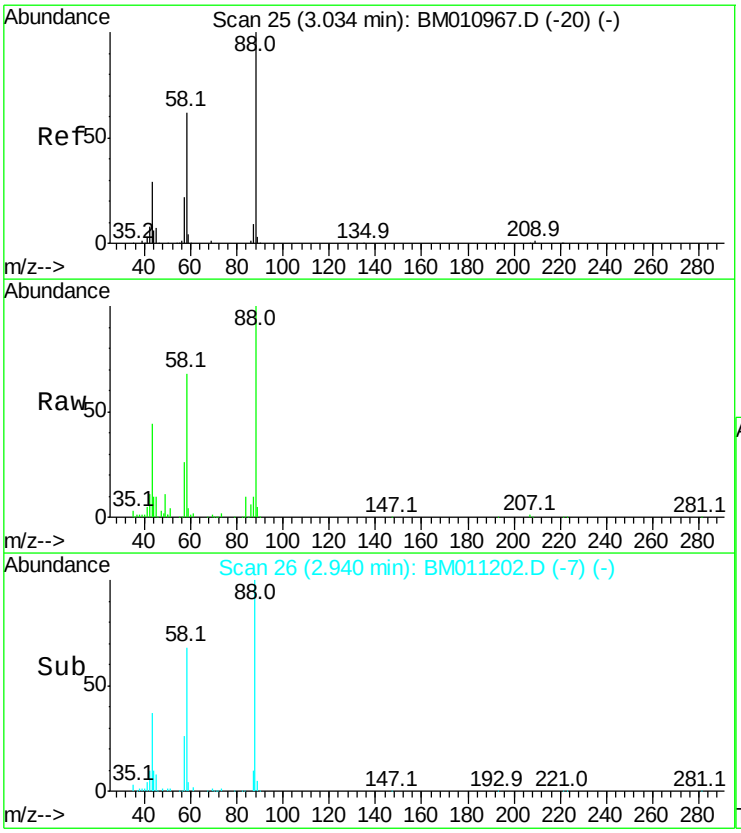
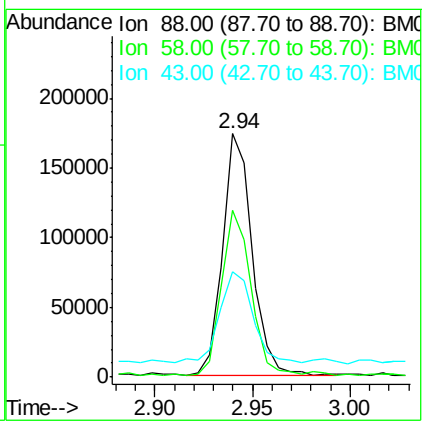
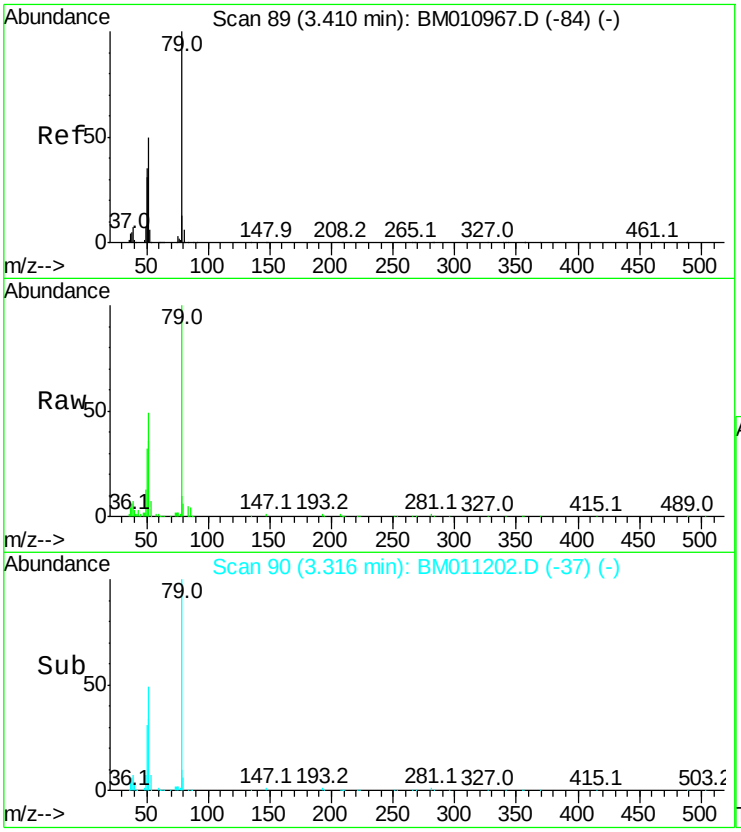


#2
1,4-Dioxane
Concen: 47.938 ng
RT: 2.94 min Scan# 26
Delta R.T. 0.01 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion: 88 Resp: 180908

Ion	Ratio	Lower	Upper
88	100		
58	69.8	0.0	0.0#
43	43.1	0.0	0.0#

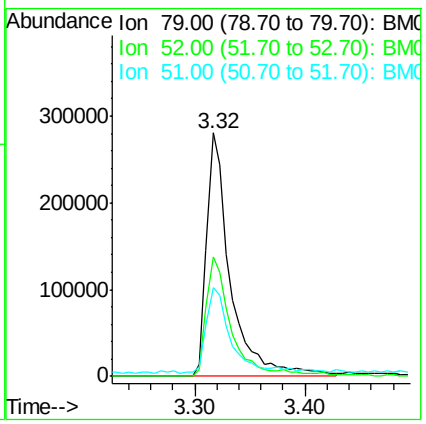




#3
Pyridine
Concen: 39.904 ng
RT: 3.32 min Scan# 90
Delta R.T. 0.01 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion: 79 Resp: 411324

Ion	Ratio	Lower	Upper
79	100		
52	48.9	51.1	76.7#
51	36.4	26.1	39.1



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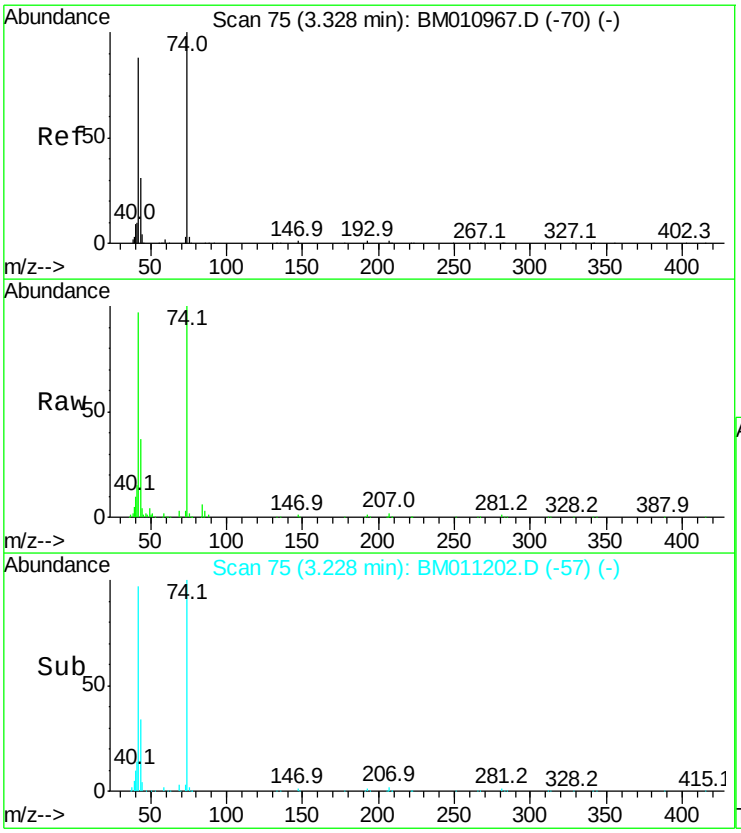
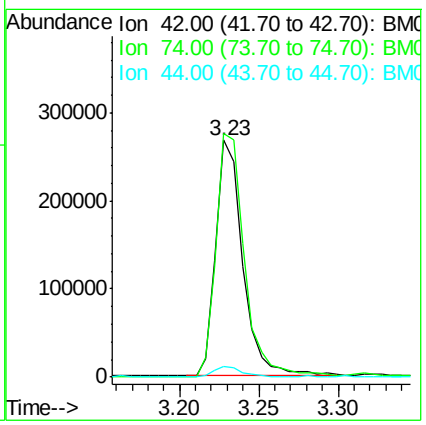
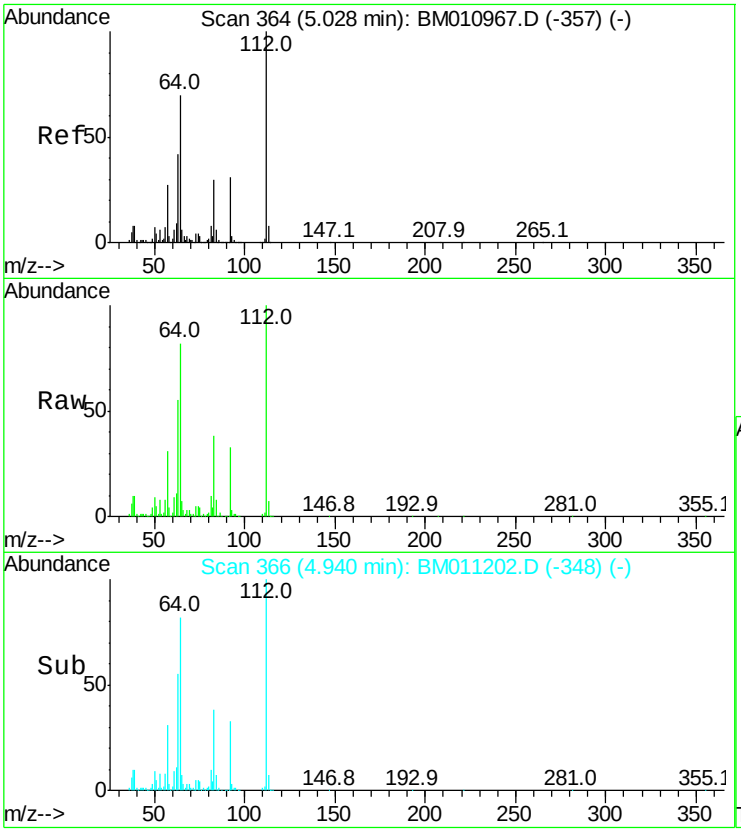


#4
n-Nitrosodimethylamine
Concen: 60.244 ng
RT: 3.23 min Scan# 75
Delta R.T. 0.01 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion: 42 Resp: 316461

Ion	Ratio	Lower	Upper
42	100		
74	102.7	119.3	178.9#
44	4.5	5.4	8.2#





#5
2-Fluorophenol
Concen: 152.142 ng
RT: 4.94 min Scan# 366
Delta R.T. 0.01 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:112 Resp: 1278748

Ion	Ratio	Lower	Upper
112	100		
64	81.6	38.6	57.8#
63	55.0	19.3	28.9#

Instrument :
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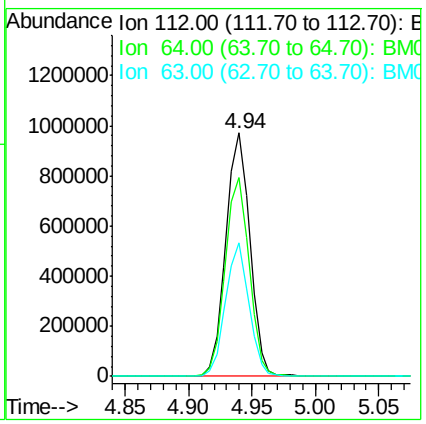
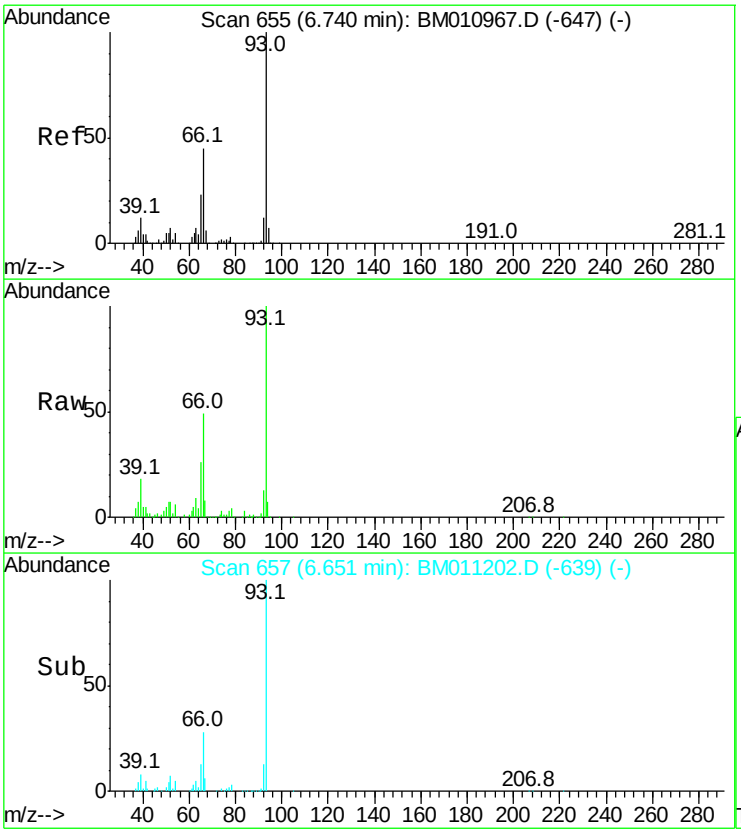
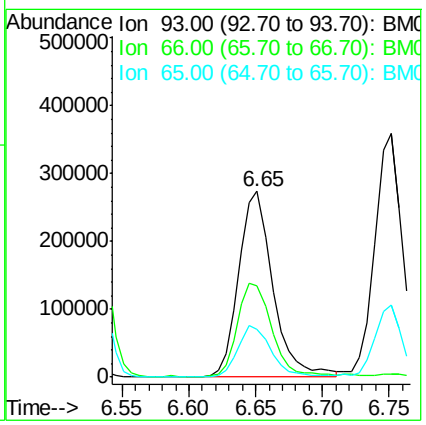


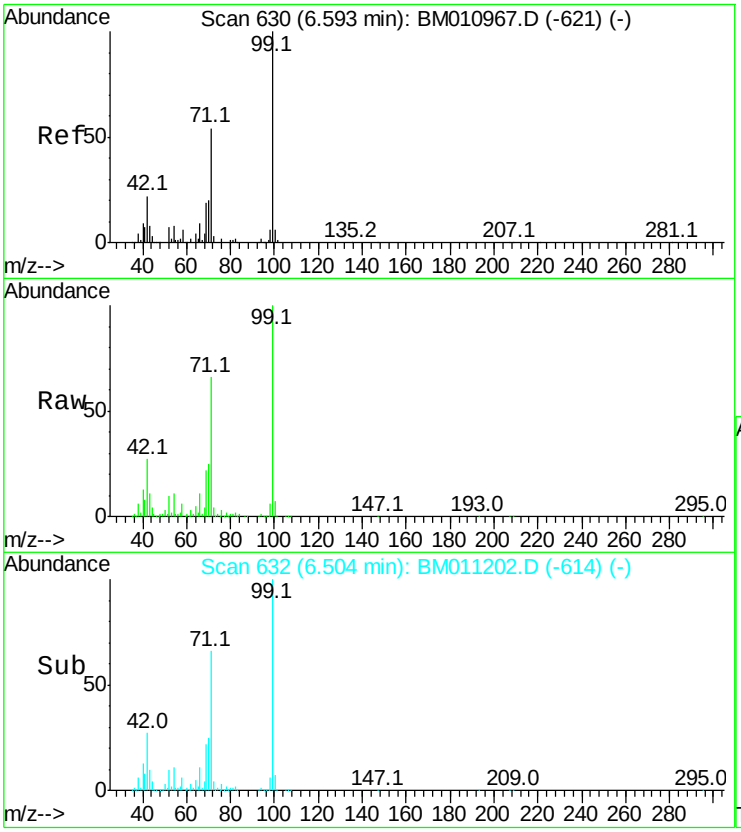


#6
Aniline
Concen: 32.338 ng
RT: 6.65 min Scan# 657
Delta R.T. 0.01 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion: 93 Resp: 486721

Ion	Ratio	Lower	Upper
93	100		
66	49.4	30.8	46.2#
65	25.7	16.0	24.0#

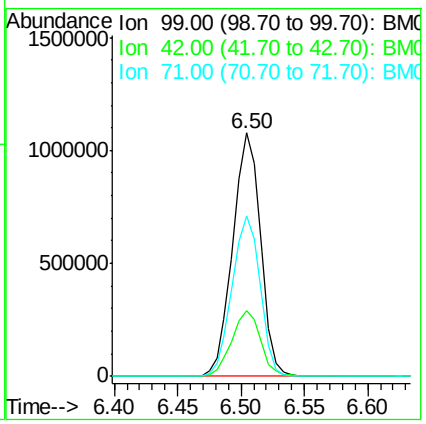




#7
Phenol-d6
Concen: 136.956 ng
RT: 6.50 min Scan# 632
Delta R.T. 0.01 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion: 99 Resp: 1635515

Ion	Ratio	Lower	Upper
99	100		
42	26.7	11.0	16.4#
71	65.9	23.4	35.2#



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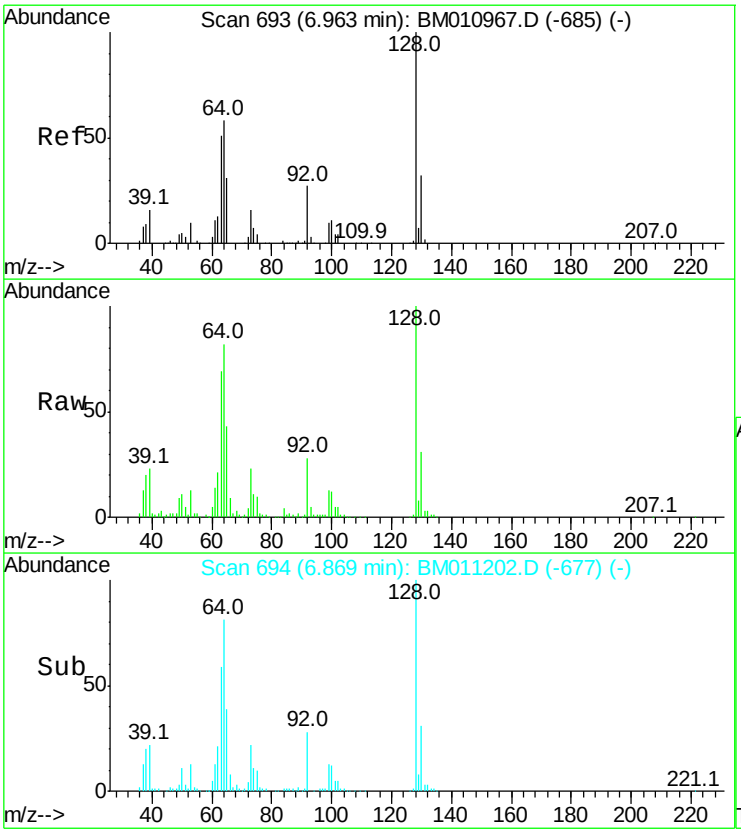
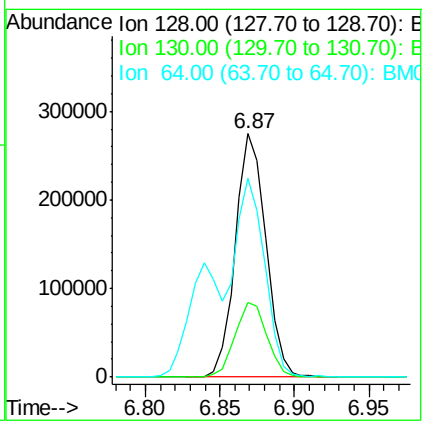
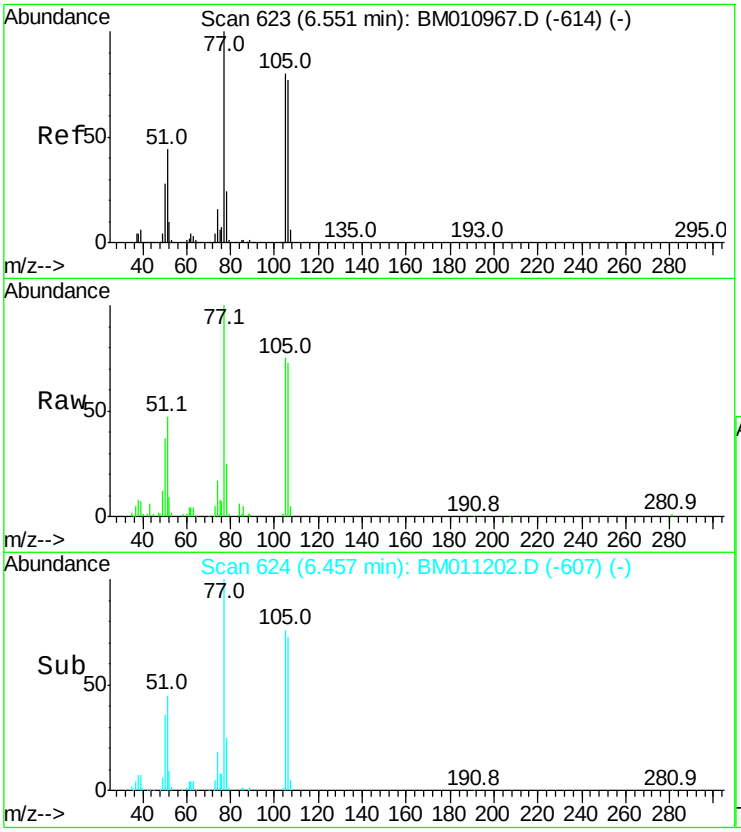


#8
2-Chlorophenol
Concen: 45.747 ng
RT: 6.87 min Scan# 694
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:128 Resp: 390368

Ion	Ratio	Lower	Upper
128	100		
130	30.7	12.0	52.0
64	81.6	24.9	64.9#





#9
Benzaldehyde
Concen: 27.700 ng
RT: 6.46 min Scan# 624
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion: 77 Resp: 214030

Ion	Ratio	Lower	Upper
77	100		
105	75.4	78.8	118.8#
106	72.8	73.7	113.7#

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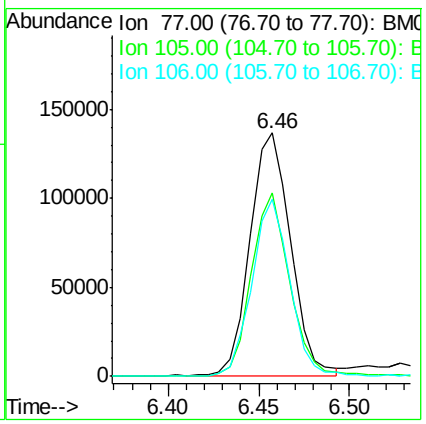
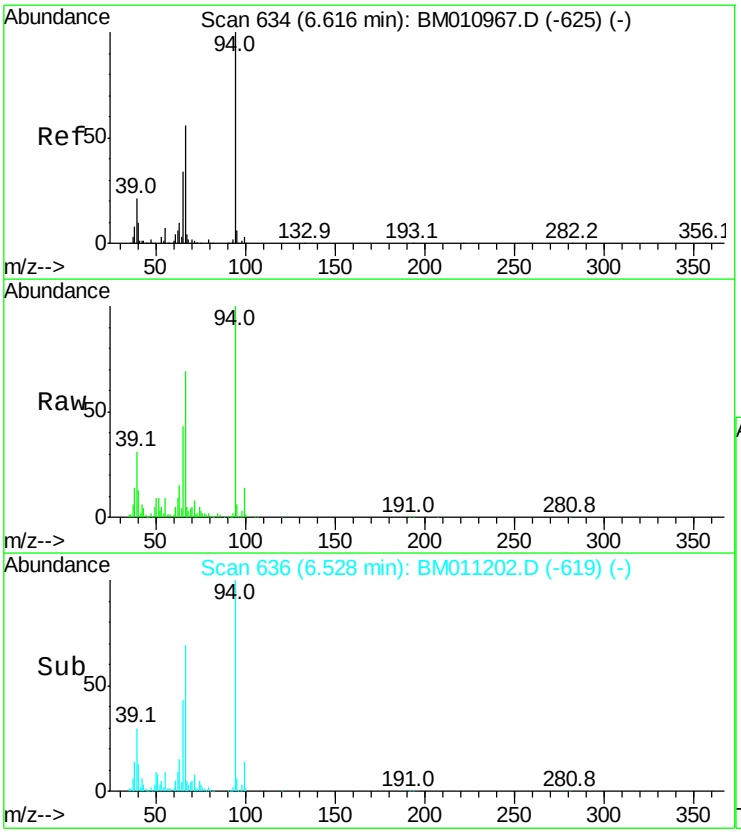
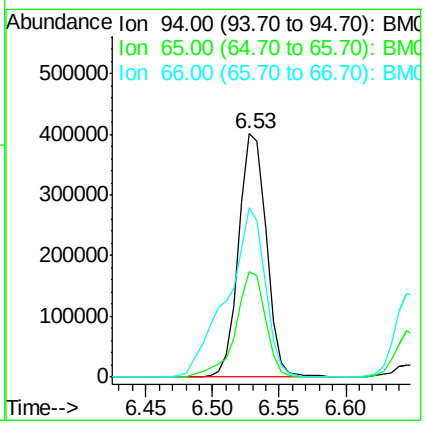


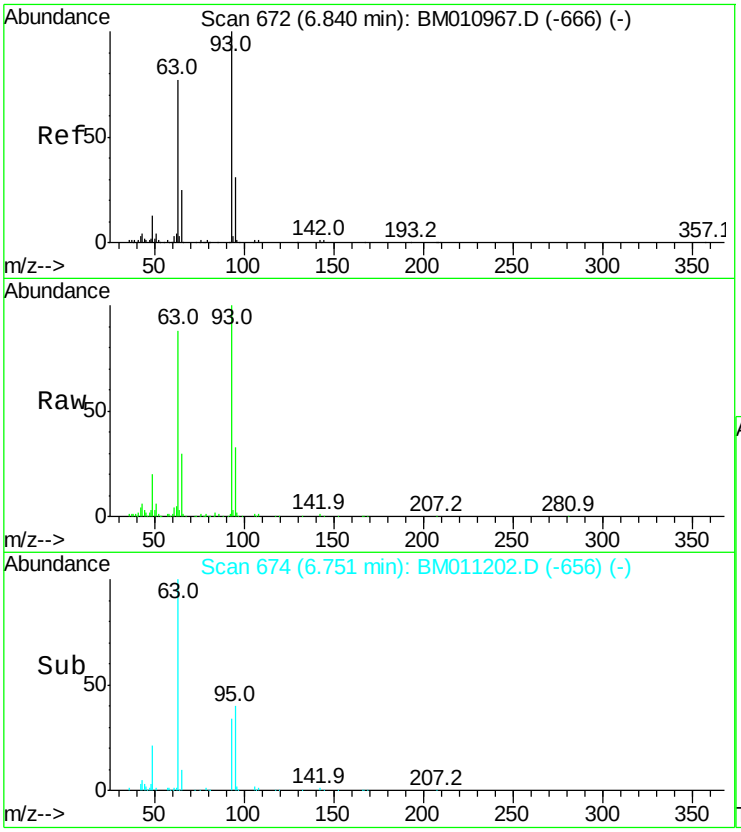


#10
Phenol
Concen: 44.239 ng
RT: 6.53 min Scan# 636
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion: 94 Resp: 573814

Ion	Ratio	Lower	Upper
94	100		
65	43.3	18.8	58.8
66	69.4	39.9	79.9

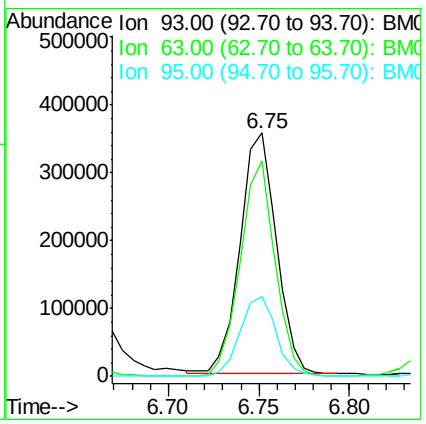




#11
bis(2-Chloroethyl)ether
Concen: 49.297 ng
RT: 6.75 min Scan# 674
Delta R.T. 0.01 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion: 93 Resp: 498221

Ion	Ratio	Lower	Upper
93	100		
63	88.5	49.5	89.5
95	32.9	13.5	53.5



Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MS

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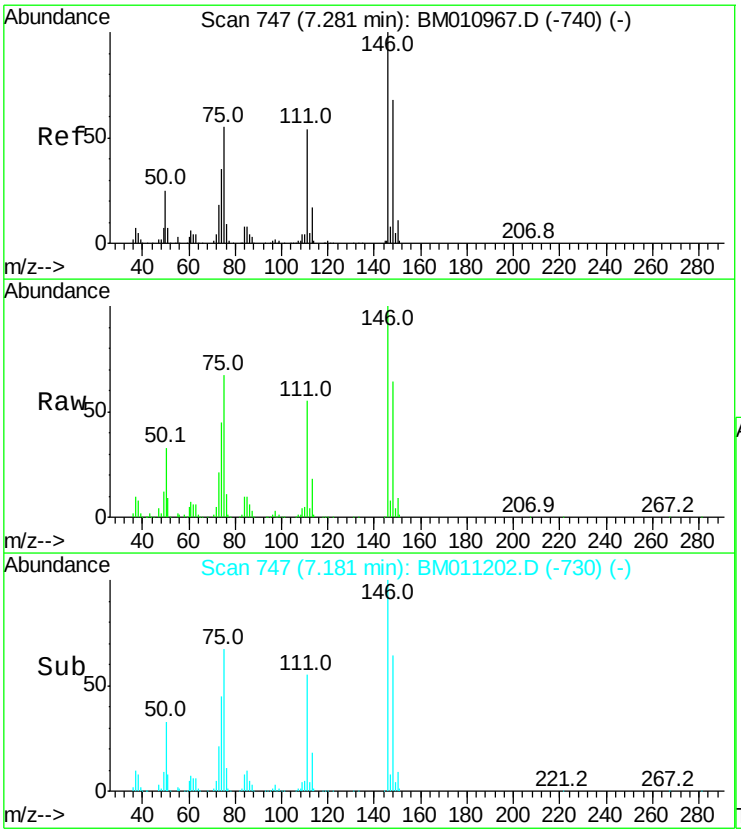
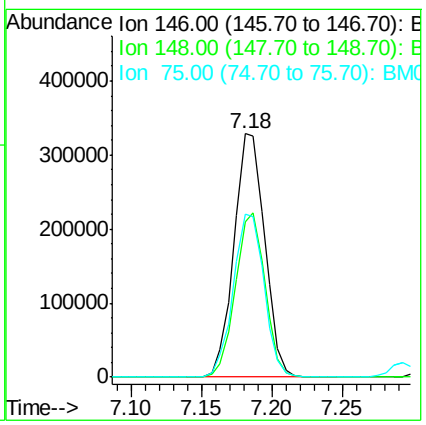
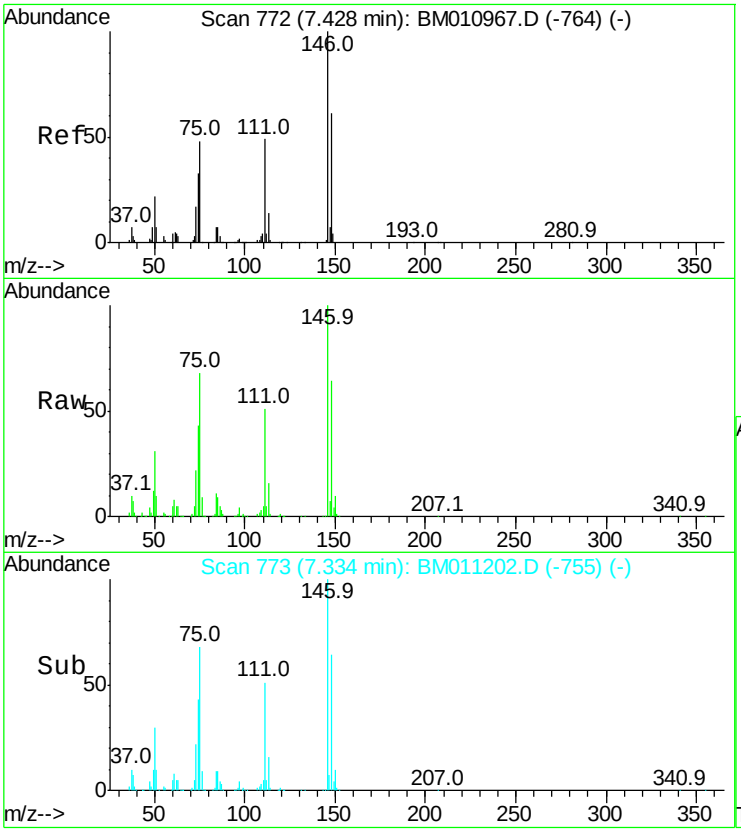


#12
1,3-Dichlorobenzene
Concen: 48.234 ng
RT: 7.18 min Scan# 747
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:146 Resp: 501620

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.9	76.3
75	67.2	21.4	32.2#

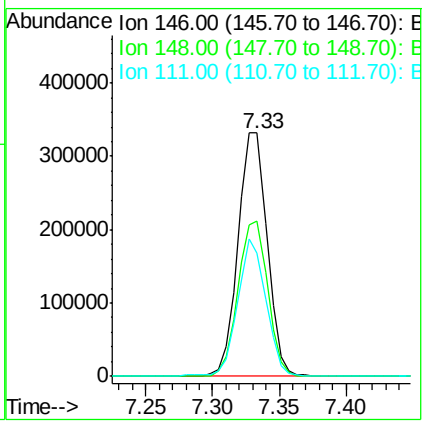




#13
1,4-Dichlorobenzene
Concen: 47.063 ng
RT: 7.33 min Scan# 773
Delta R.T. 0.01 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:146 Resp: 501684

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.9	77.9
111	50.9	29.2	43.8#



Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MS

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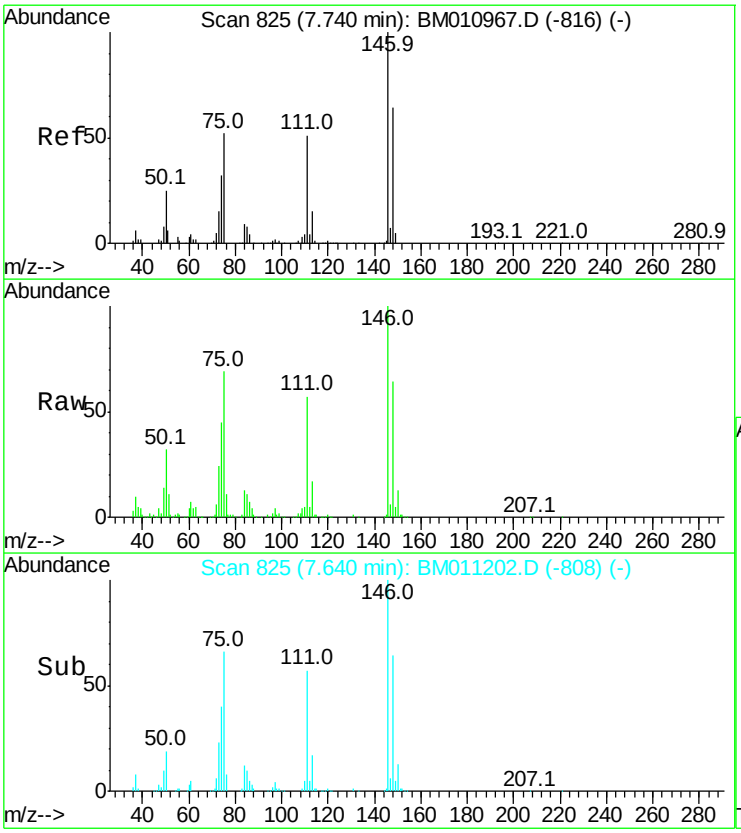
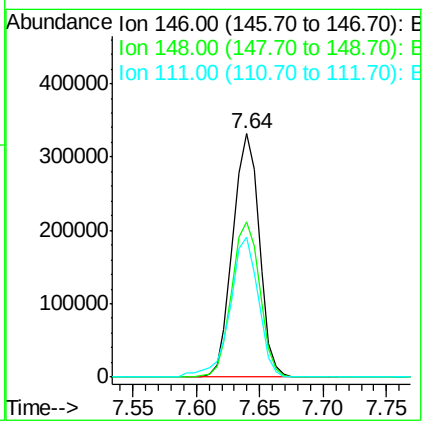
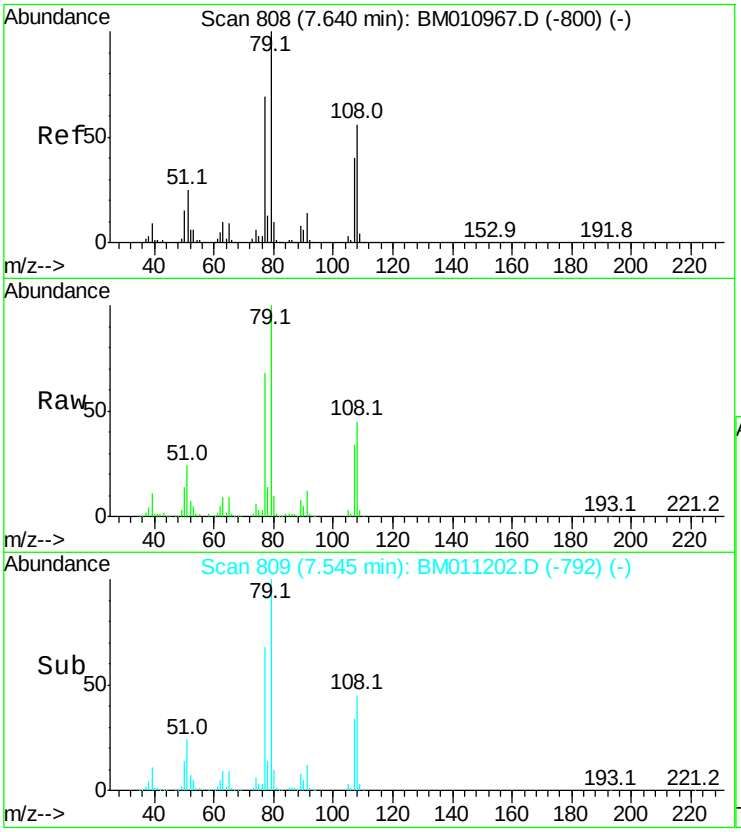


#14
1,2-Dichlorobenzene
Concen: 47.096 ng
RT: 7.64 min Scan# 825
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:146 Resp: 480004

Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.3	78.5
111	57.4	30.6	45.8#

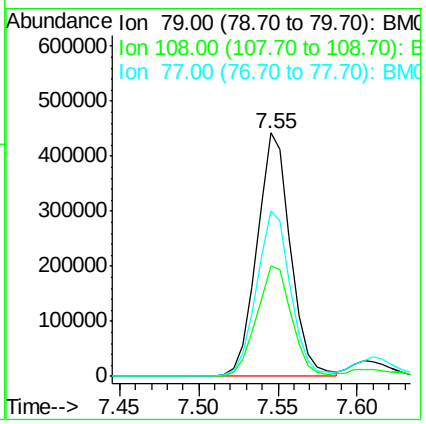




#15
Benzyl Alcohol
Concen: 56.941 ng
RT: 7.55 min Scan# 809
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion: 79 Resp: 652320

Ion	Ratio	Lower	Upper
79	100		
108	45.4	65.0	97.4#
77	68.1	53.0	79.6



Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MS

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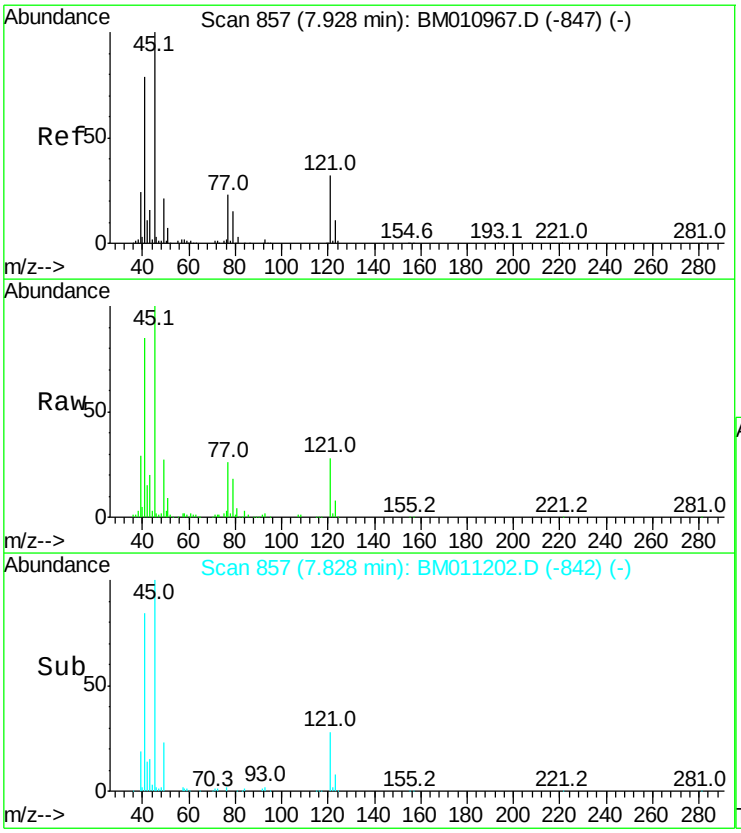
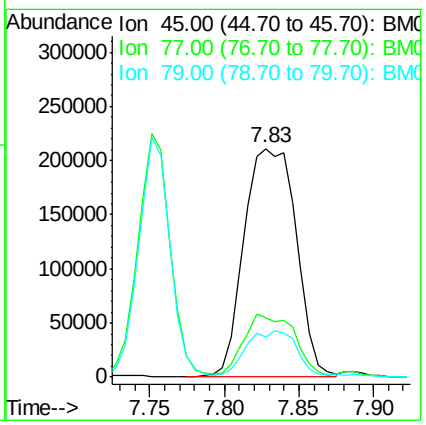
8/14/2017 6:56:58 PM

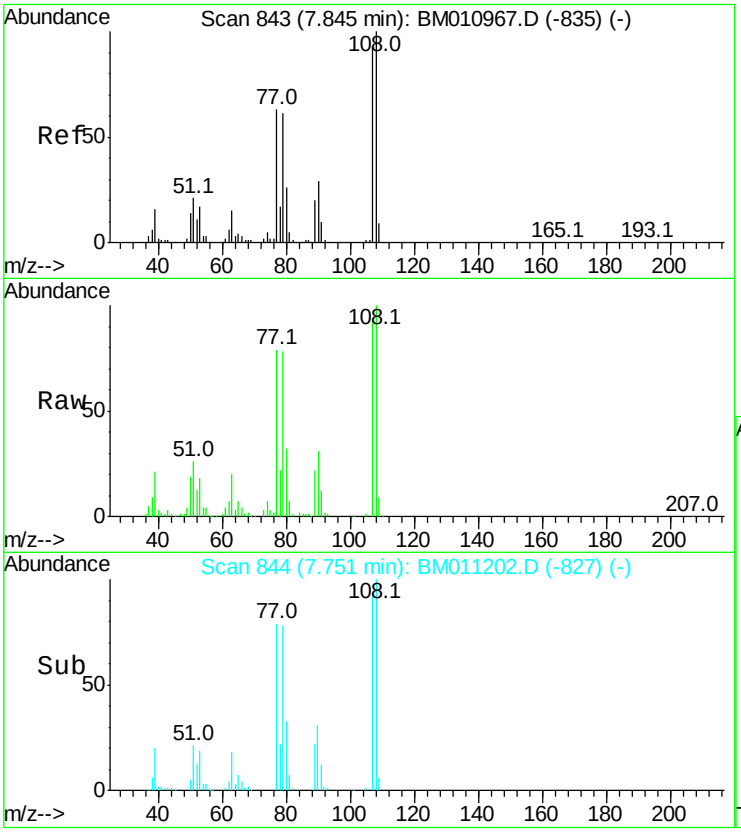


#16
2,2'-oxybis(1-Chloropropane)
Concen: 56.000 ng
RT: 7.83 min Scan# 857
Delta R.T. -0.01 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion: 45 Resp: 509286

Ion	Ratio	Lower	Upper
45	100		
77	26.1	0.0	35.2
79	17.7	0.0	32.0

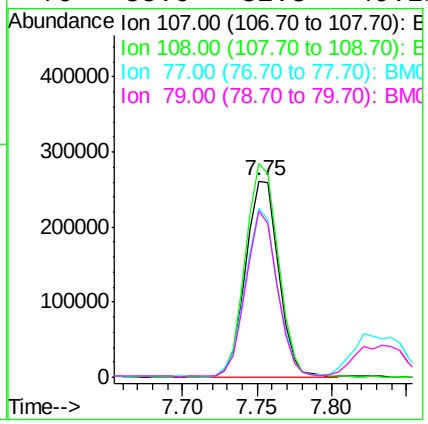




#17
2-Methylphenol
Concen: 47.799 ng
RT: 7.75 min Scan# 844
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:107 Resp: 396243

Ion	Ratio	Lower	Upper
107	100		
108	108.9	89.8	134.8
77	86.1	32.6	48.8#
79	85.0	32.8	49.2#



Instrument :
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ClientSampleId :
RO-124019-72-12014MS

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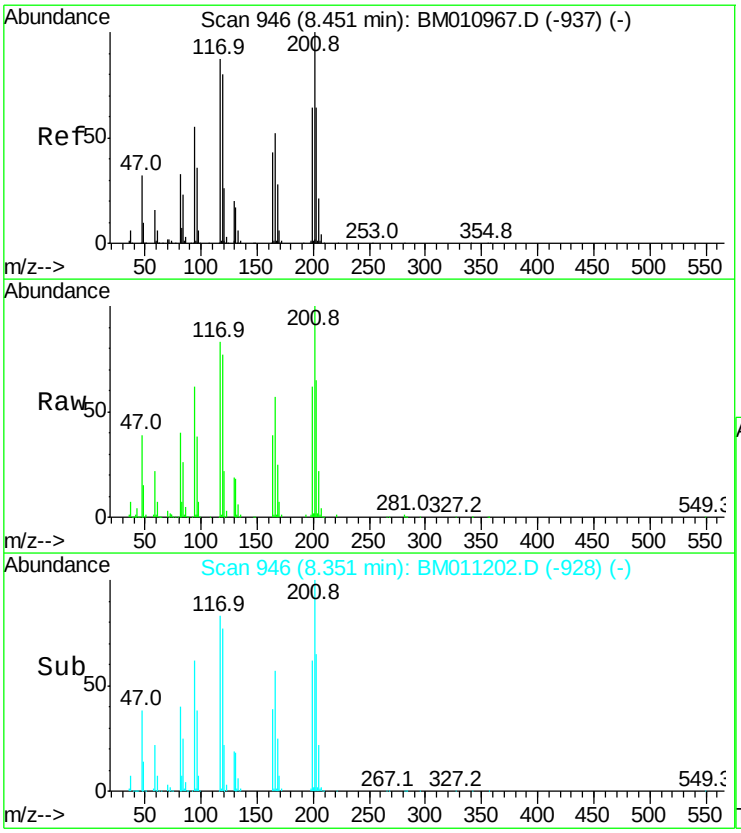
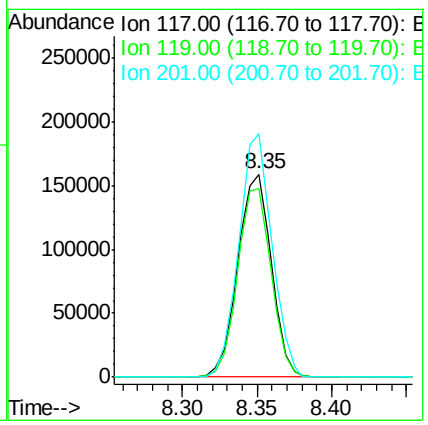
8/14/2017 6:56:58 PM

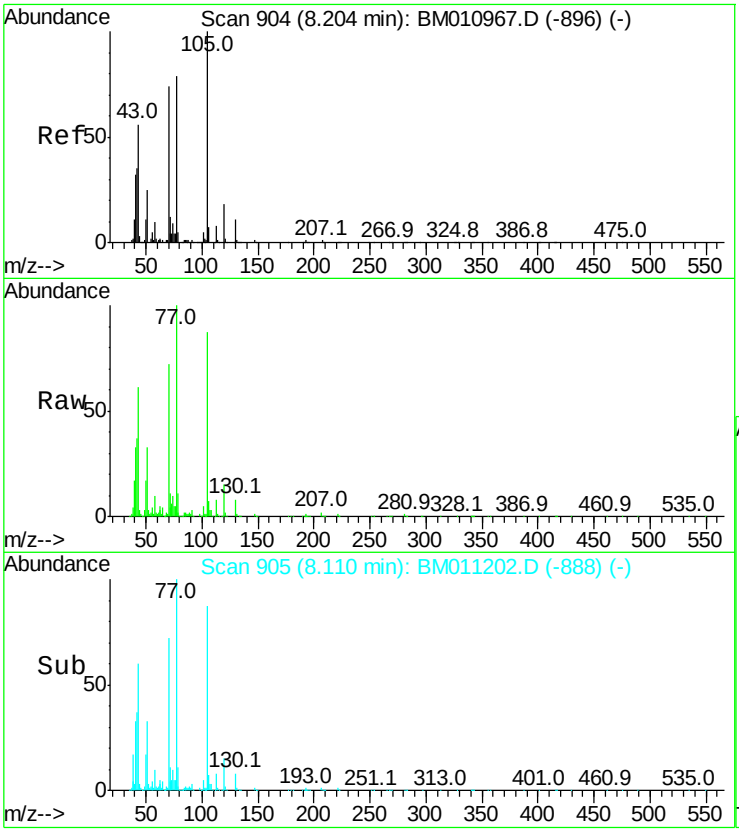


#18
Hexachloroethane
Concen: 53.267 ng
RT: 8.35 min Scan# 946
Delta R.T. 0.01 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:117 Resp: 247624

Ion	Ratio	Lower	Upper
117	100		
119	92.6	79.2	118.8
201	119.9	69.8	104.6#

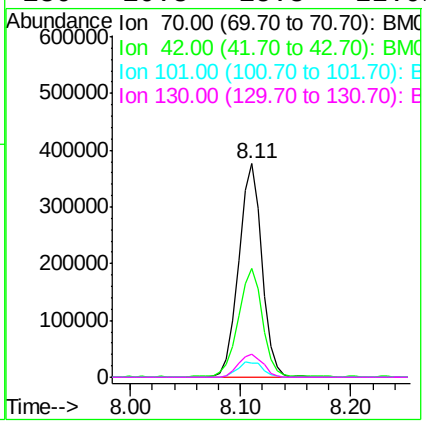




#19
n-Nitroso-di-n-propylamine
Concen: 54.871 ng
RT: 8.11 min Scan# 905
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion: 70 Resp: 556828

Ion	Ratio	Lower	Upper
70	100		
42	51.2	44.5	66.7
101	6.6	7.4	11.2#
130	10.8	15.3	22.9#



Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MS

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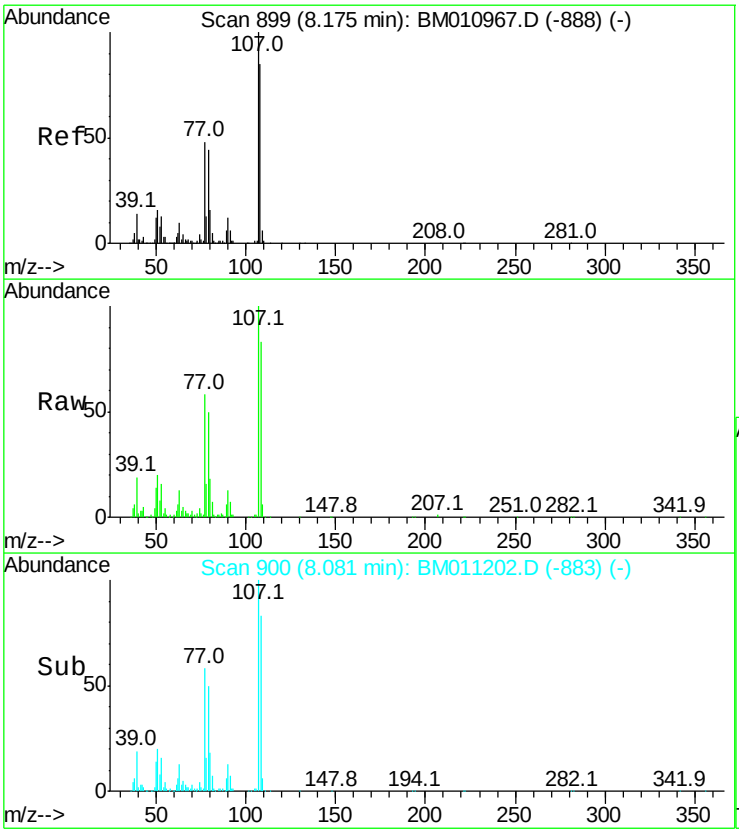
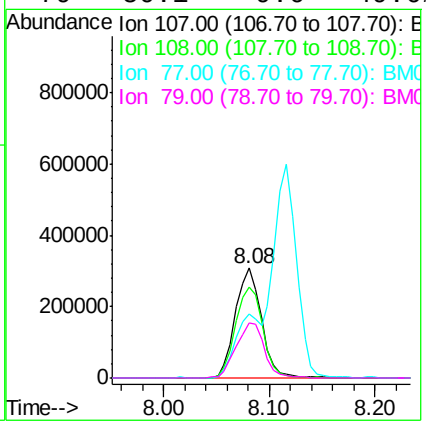
8/14/2017 6:56:58 PM

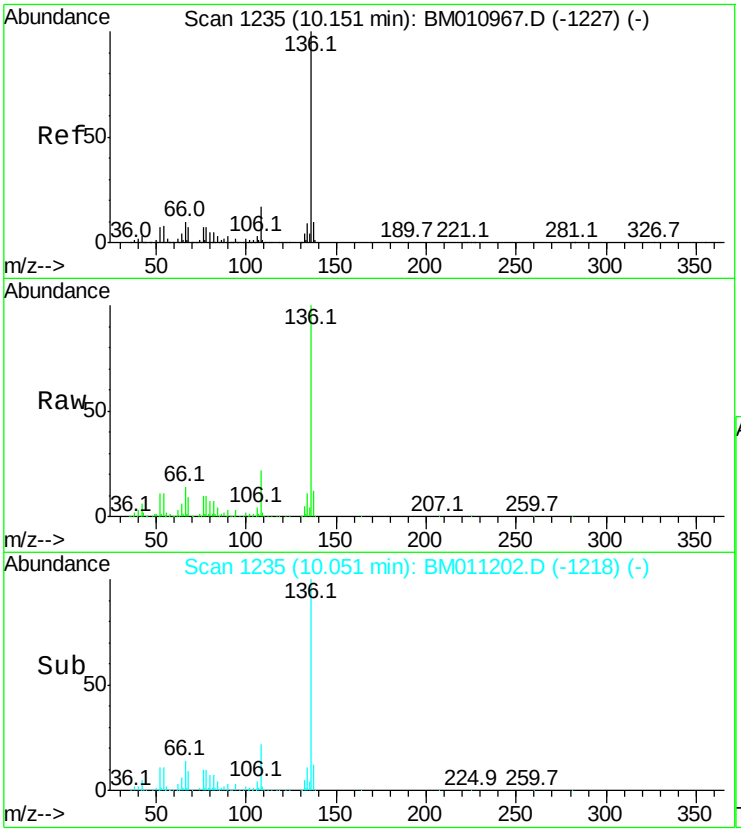


#20
3+4-Methylphenols
Concen: 45.643 ng
RT: 8.08 min Scan# 900
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:107 Resp: 525970

Ion	Ratio	Lower	Upper
107	100		
108	82.7	73.2	113.2
77	58.3	10.7	50.7#
79	50.1	9.6	49.6#

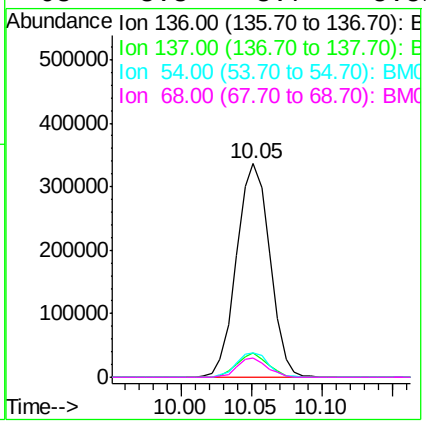




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.05 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:136 Resp: 555557

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	11.4	4.6	6.8#
68	8.8	3.7	5.5#



Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MS

Manual Integrations APPROVED
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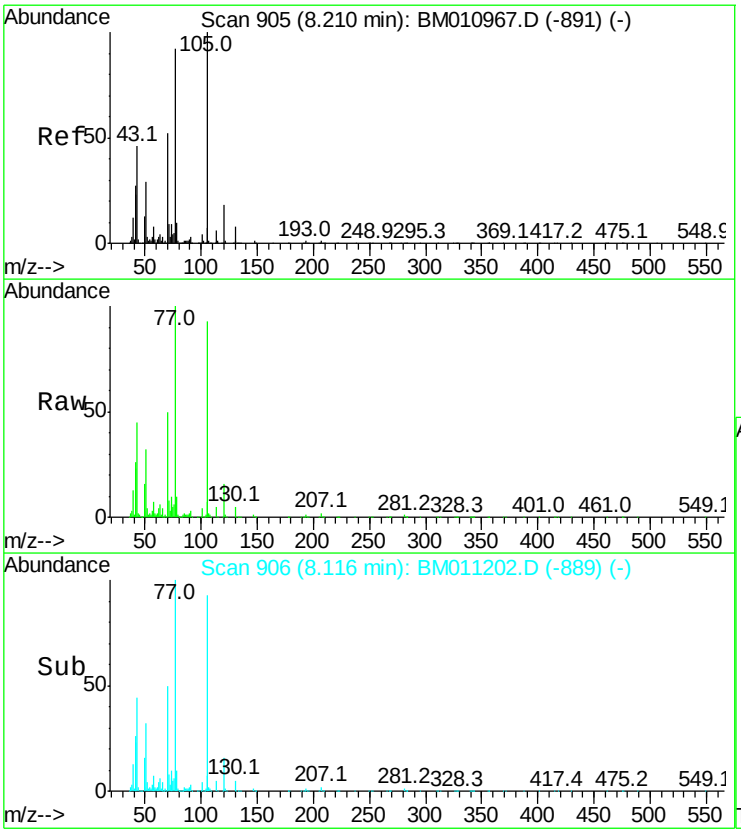
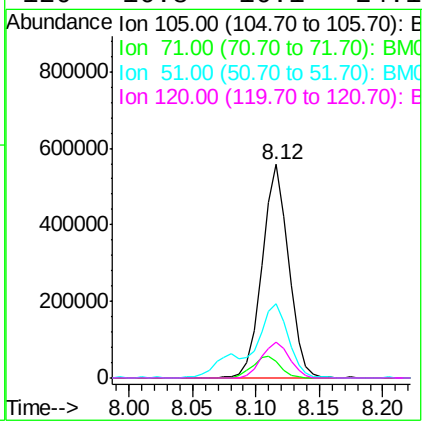
8/14/2017 6:56:58 PM

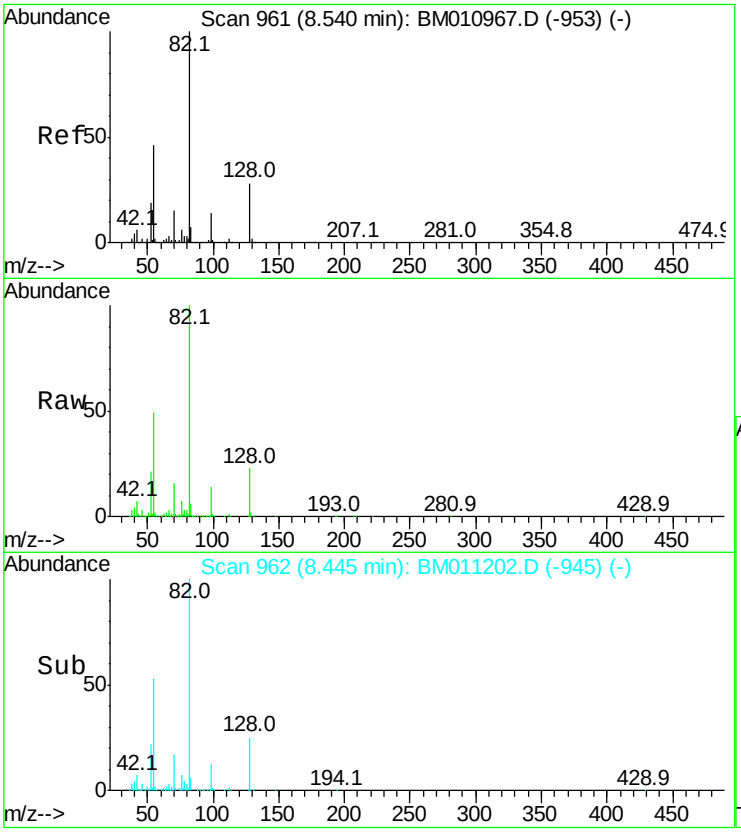


#22
Acetophenone
Concen: 48.597 ng
RT: 8.12 min Scan# 906
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:105 Resp: 809295

Ion	Ratio	Lower	Upper
105	100		
71	8.1	0.6	1.0#
51	34.8	21.6	32.4#
120	16.8	16.1	24.1

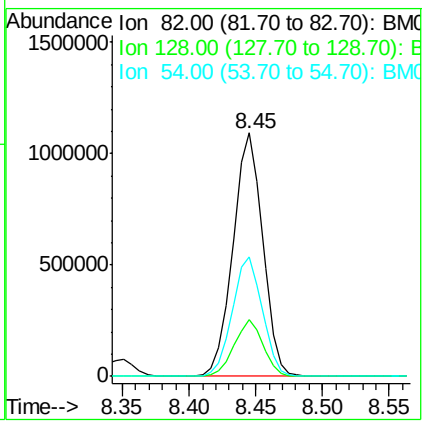




#23
Nitrobenzene-d5
Concen: 114.353 ng
RT: 8.45 min Scan# 962
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion: 82 Resp: 1692693

Ion	Ratio	Lower	Upper
82	100		
128	23.4	32.8	49.2#
54	49.2	40.6	60.8



Instrument :
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ClientSampleId :
RO-124019-72-12014MS

Manual Integrations APPROVED
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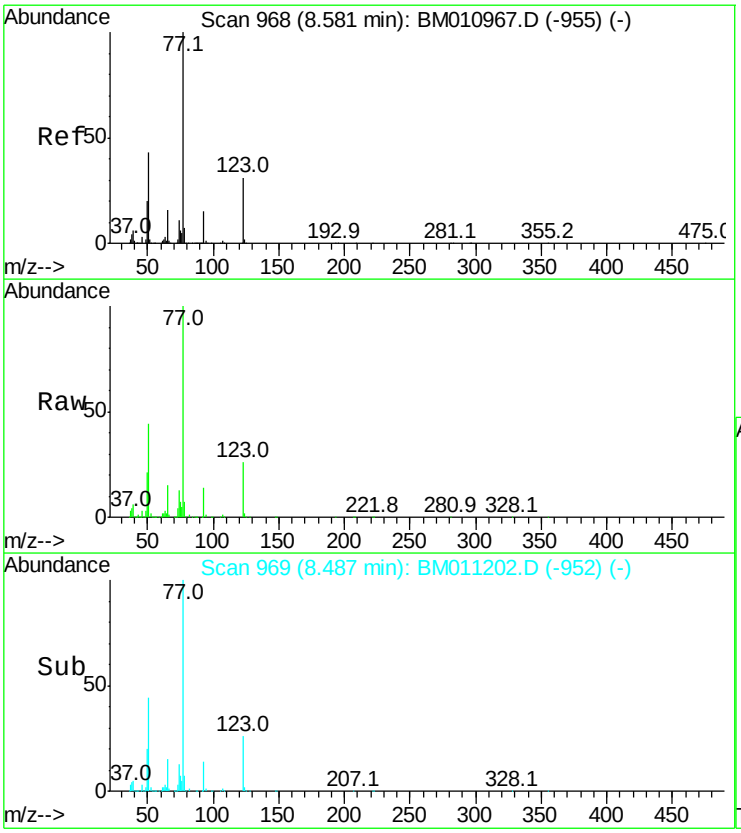
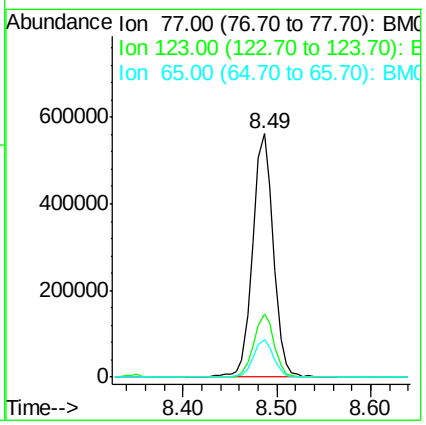
8/14/2017 6:56:58 PM

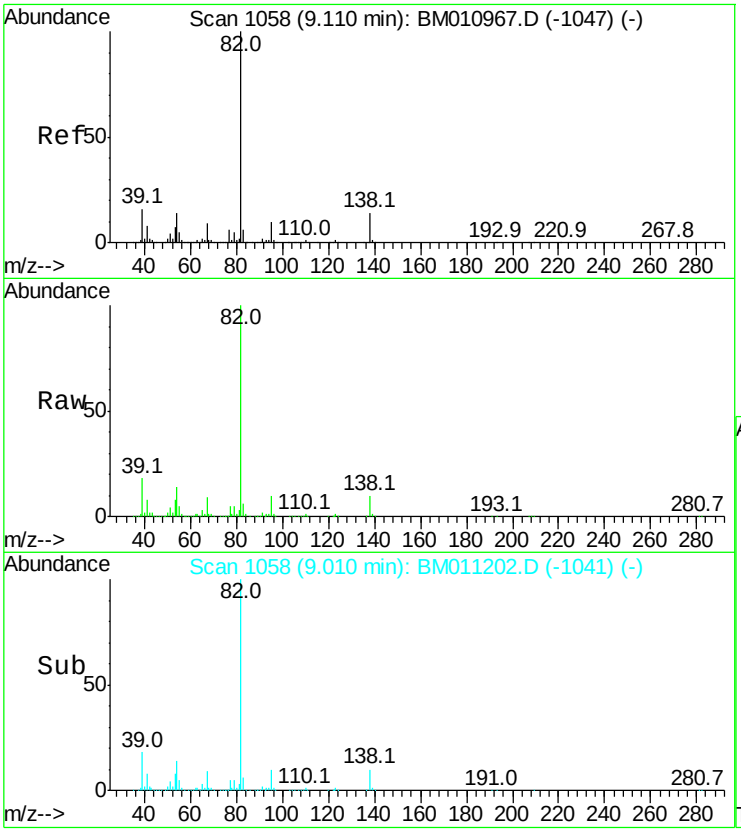


#24
Nitrobenzene
Concen: 55.970 ng
RT: 8.49 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion: 77 Resp: 858512

Ion	Ratio	Lower	Upper
77	100		
123	25.8	32.6	49.0#
65	15.3	10.9	16.3

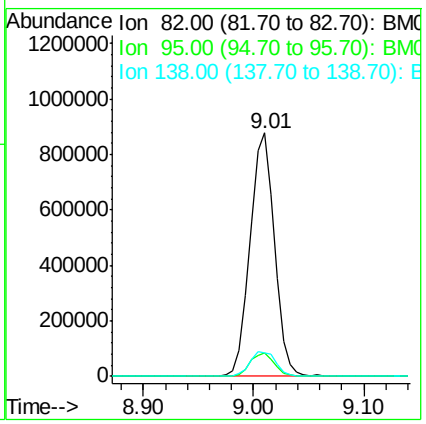




#25
Isophorone
Concen: 55.489 ng
RT: 9.01 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion: 82 Resp: 1369479

Ion	Ratio	Lower	Upper
82	100		
95	9.6	5.8	8.6#
138	9.7	16.3	24.5#



Instrument :
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ClientSampleId :
RO-124019-72-12014MS

Manual Integrations APPROVED
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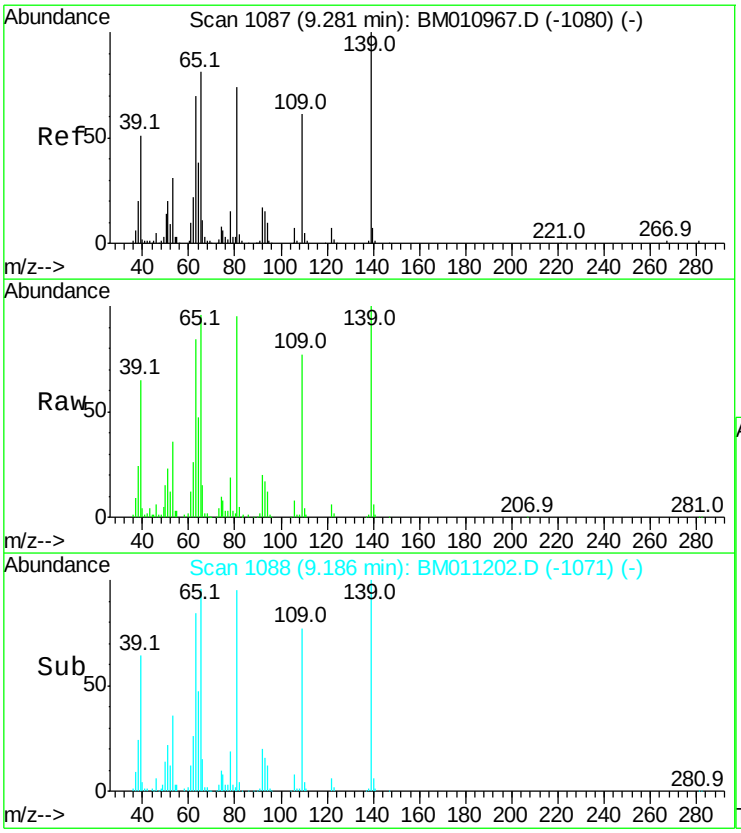
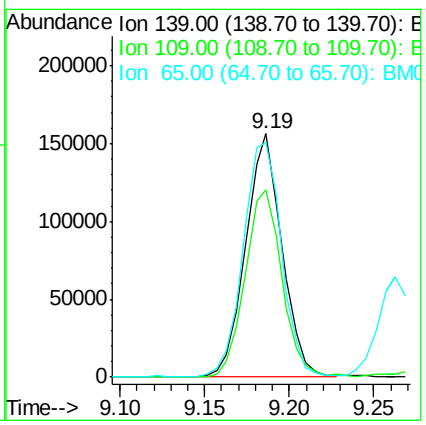
8/14/2017 6:56:58 PM

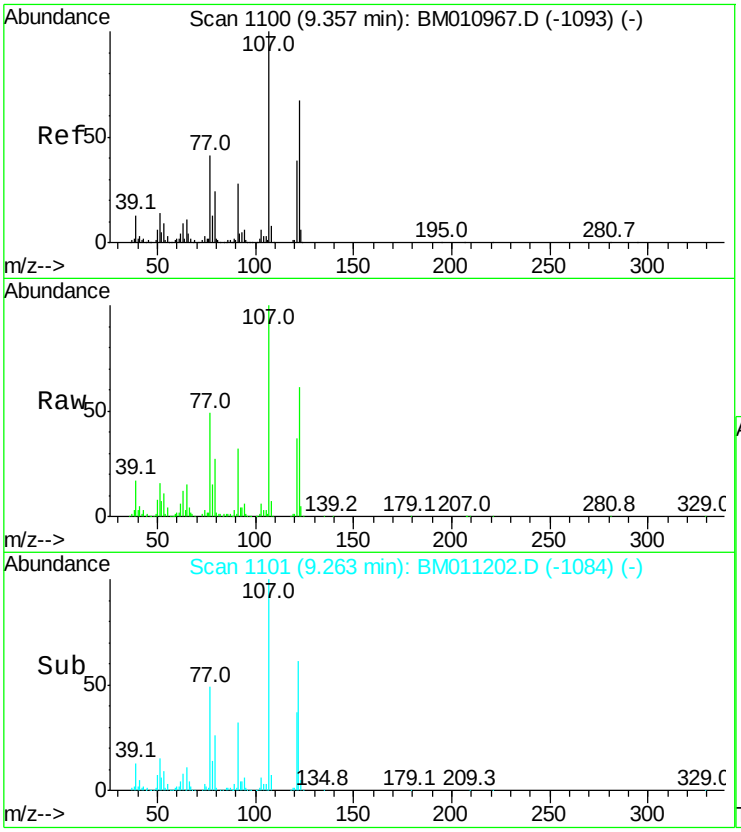


#26
2-Nitrophenol
Concen: 47.875 ng
RT: 9.19 min Scan# 1088
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:139 Resp: 233656

Ion	Ratio	Lower	Upper
139	100		
109	77.2	20.1	30.1#
65	96.2	31.5	47.3#

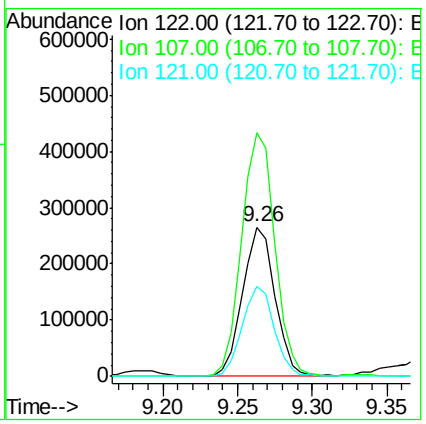




#27
2,4-Dimethylphenol
Concen: 46.521 ng
RT: 9.26 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:122 Resp: 399695

Ion	Ratio	Lower	Upper
122	100		
107	162.9	84.7	127.1#
121	60.1	46.6	69.8



Instrument :
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ClientSampleId :
RO-124019-72-12014MS

Manual Integrations APPROVED
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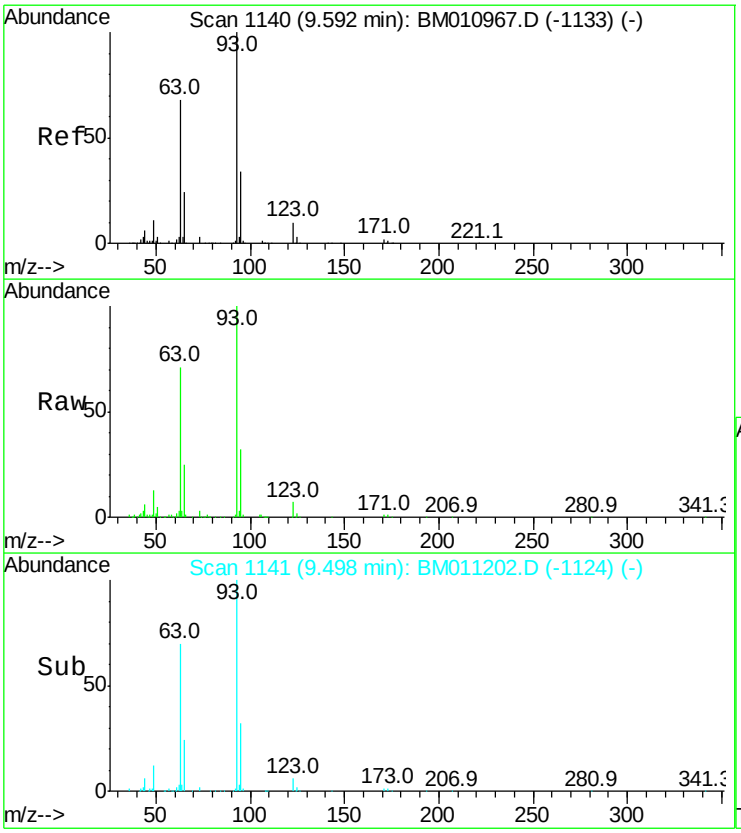
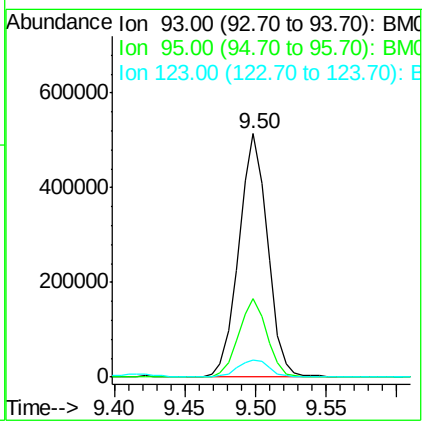
8/14/2017 6:56:58 PM

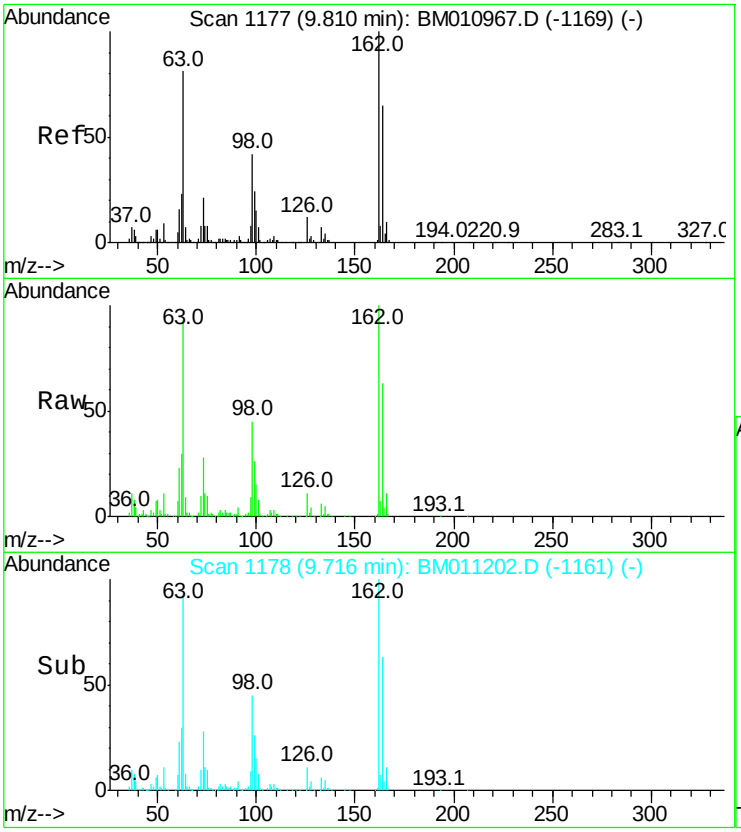


#28
bis(2-Chloroethoxy)methane
Concen: 53.296 ng
RT: 9.50 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion: 93 Resp: 733633

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.5	38.3
123	6.9	8.6	13.0#

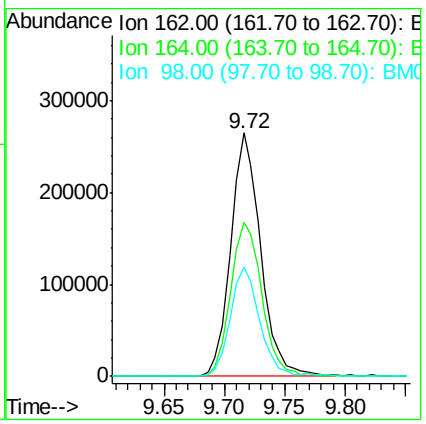




#29
2,4-Dichlorophenol
Concen: 47.446 ng
RT: 9.72 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:162 Resp: 458067

Ion	Ratio	Lower	Upper
162	100		
164	63.1	42.8	82.8
98	44.9	14.5	54.5



Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MS

Manual Integrations APPROVED
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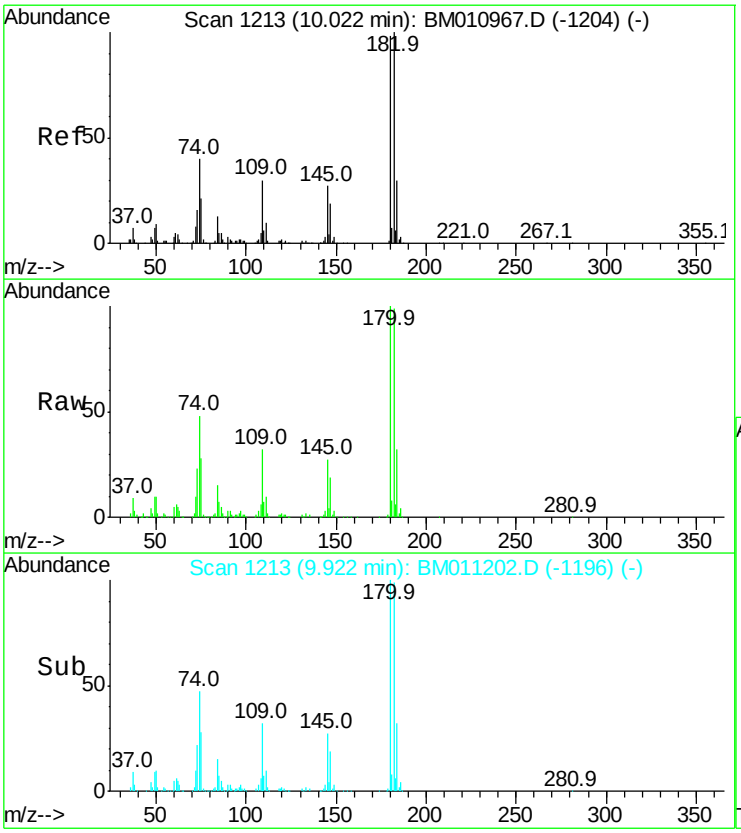
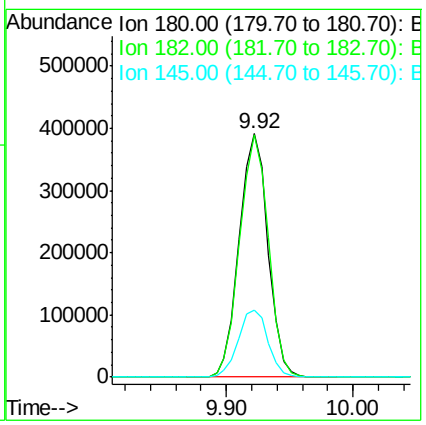
8/14/2017 6:56:58 PM

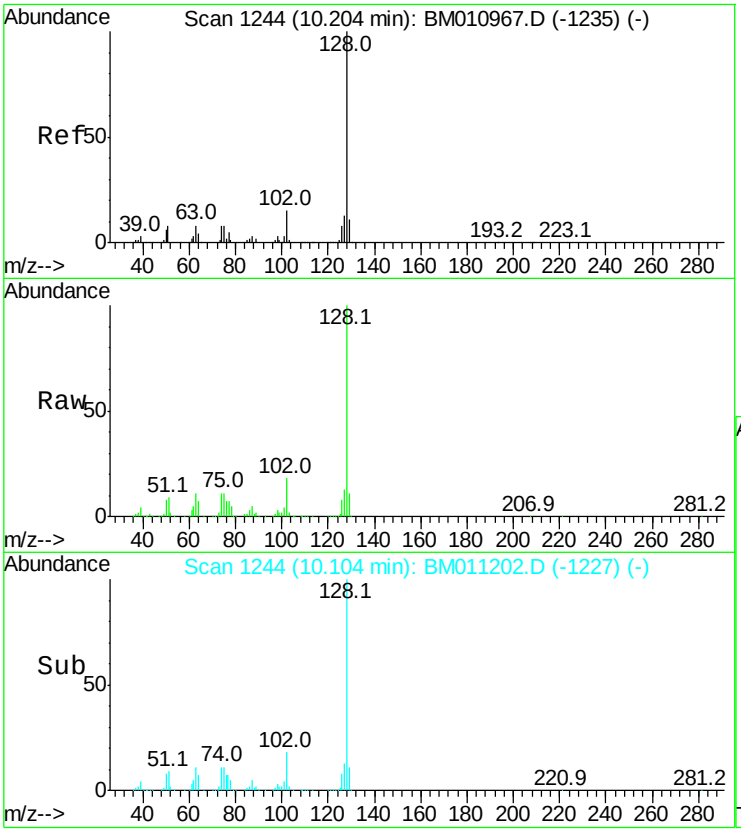


#30
1,2,4-Trichlorobenzene
Concen: 51.651 ng
RT: 9.92 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:180 Resp: 616575

Ion	Ratio	Lower	Upper
180	100		
182	99.5	77.6	116.4
145	27.4	23.4	35.2

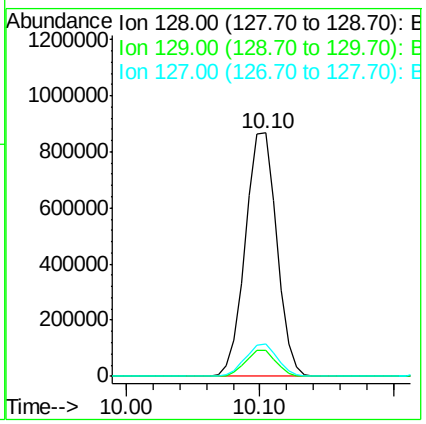




#31
Naphthalene
Concen: 50.213 ng
RT: 10.10 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:128 Resp: 1403363

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.4	10.4	15.6



Instrument :
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ClientSampleId :
RO-124019-72-12014MS

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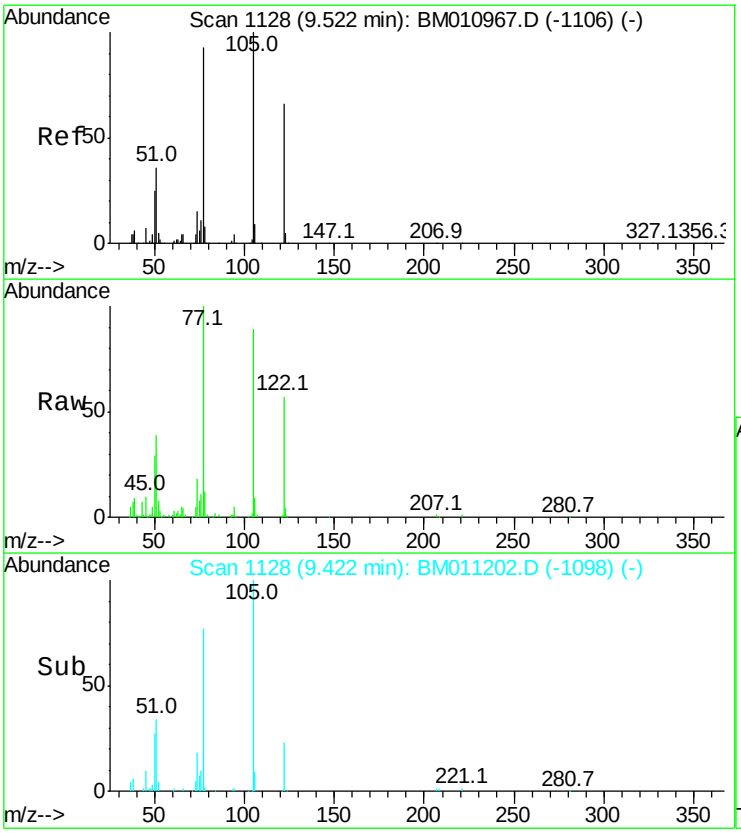
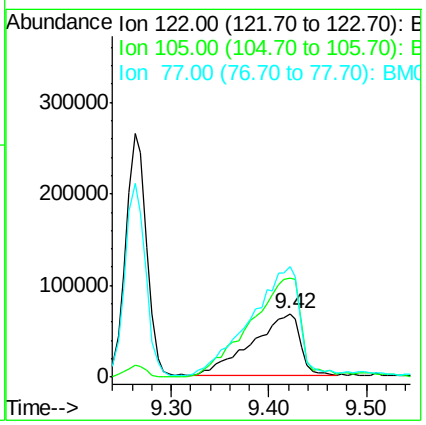
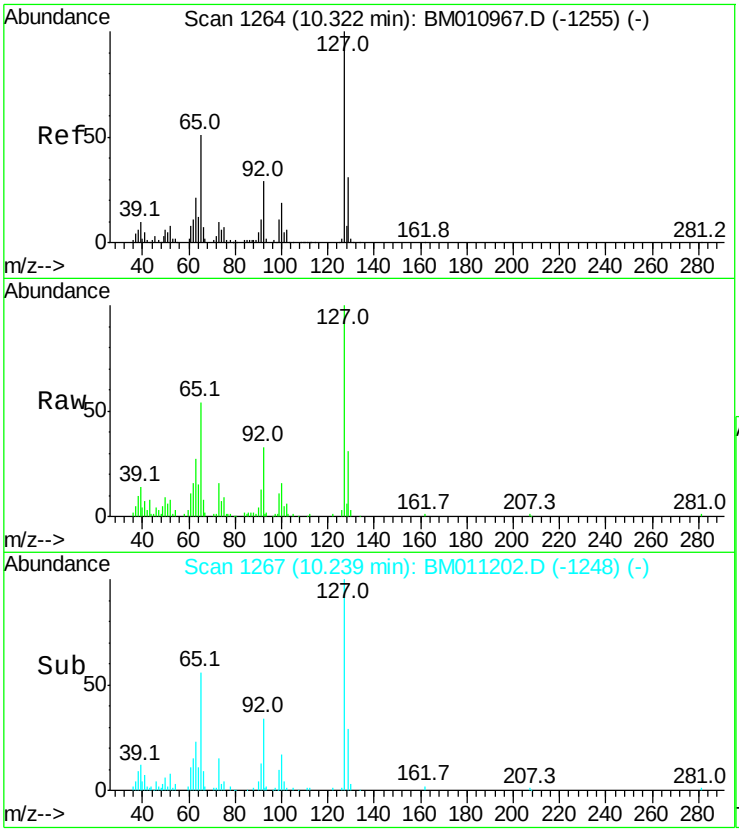


#32
Benzoic acid
Concen: 34.230 ng
RT: 9.42 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:122 Resp: 236395

Ion	Ratio	Lower	Upper
122	100		
105	155.5	99.9	139.9#
77	175.0	73.7	113.7#

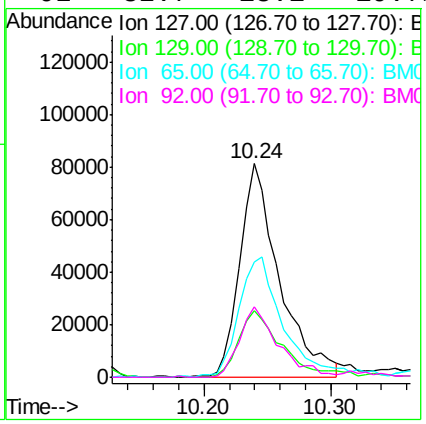




#33
4-Chloroaniline
Concen: 15.852 ng
RT: 10.24 min Scan# 1267
Delta R.T. 0.01 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:127 Resp: 176742

Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.3	37.9
65	53.8	17.6	26.4#
92	32.7	13.1	19.7#



Instrument :
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ClientSampleId :
RO-124019-72-12014MS

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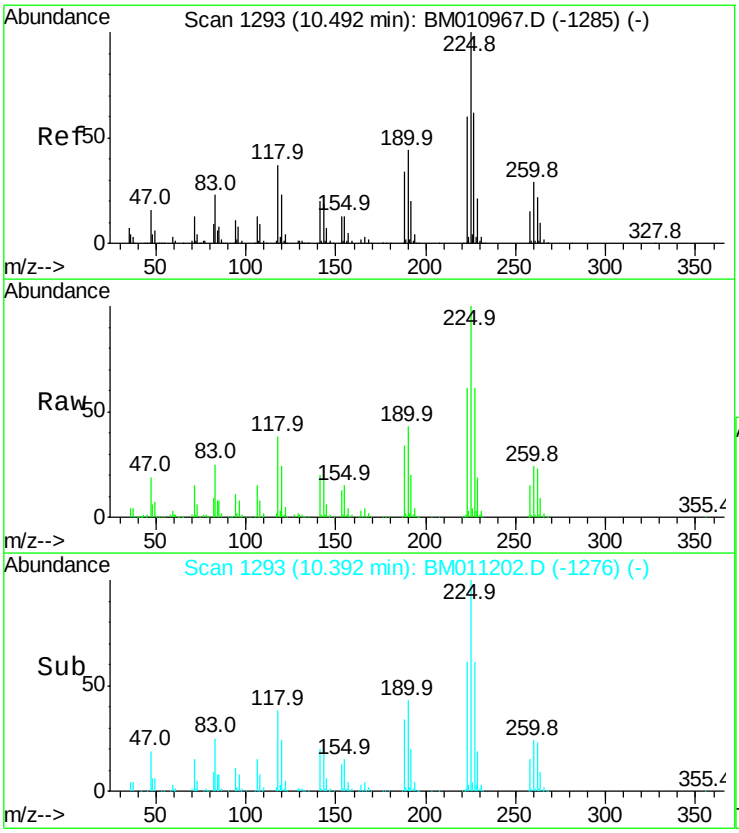
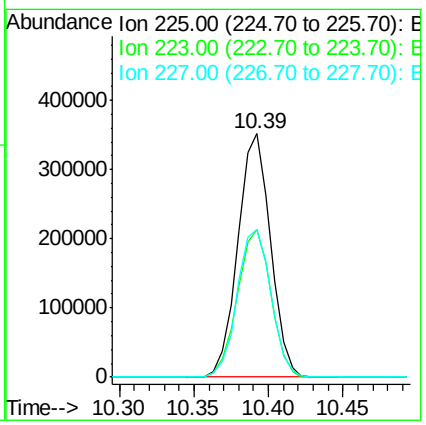
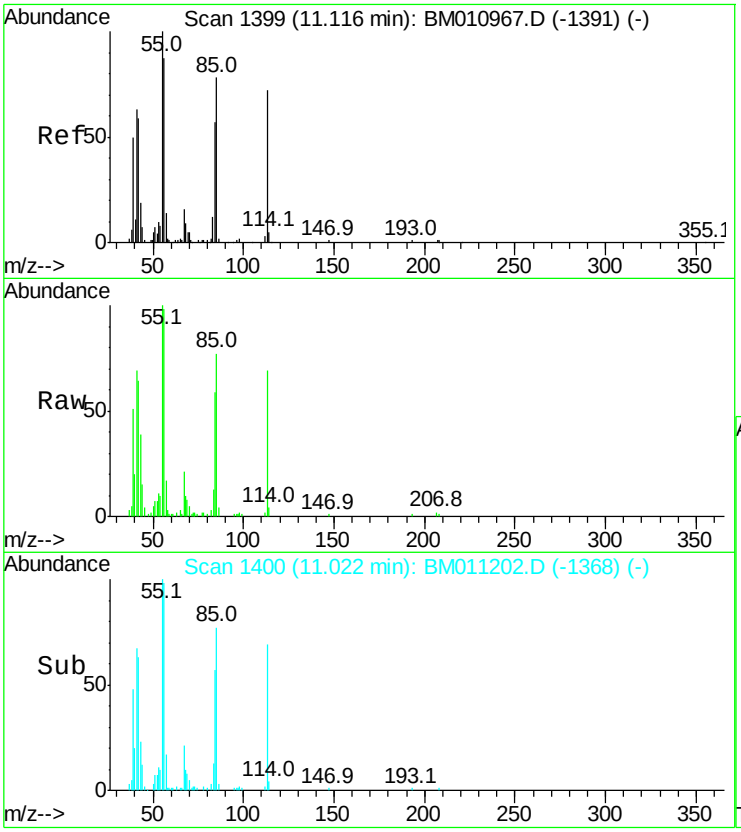


#34
Hexachlorobutadiene
Concen: 56.529 ng
RT: 10.39 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:225 Resp: 531487

Ion	Ratio	Lower	Upper
225	100		
223	60.8	47.9	71.9
227	60.9	50.1	75.1





#35
Caprolactam
Concen: 41.491 ng m
RT: 11.02 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:113 Resp: 113600

Ion	Ratio	Lower	Upper
113	100		
55	144.9	145.9	185.9#
56	141.3	101.0	141.0#

Instrument :
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ClientSampleId :
RO-124019-72-12014MS

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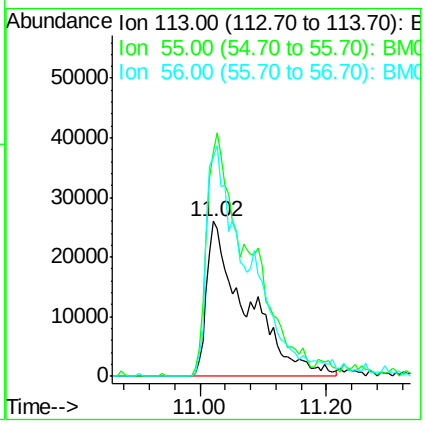
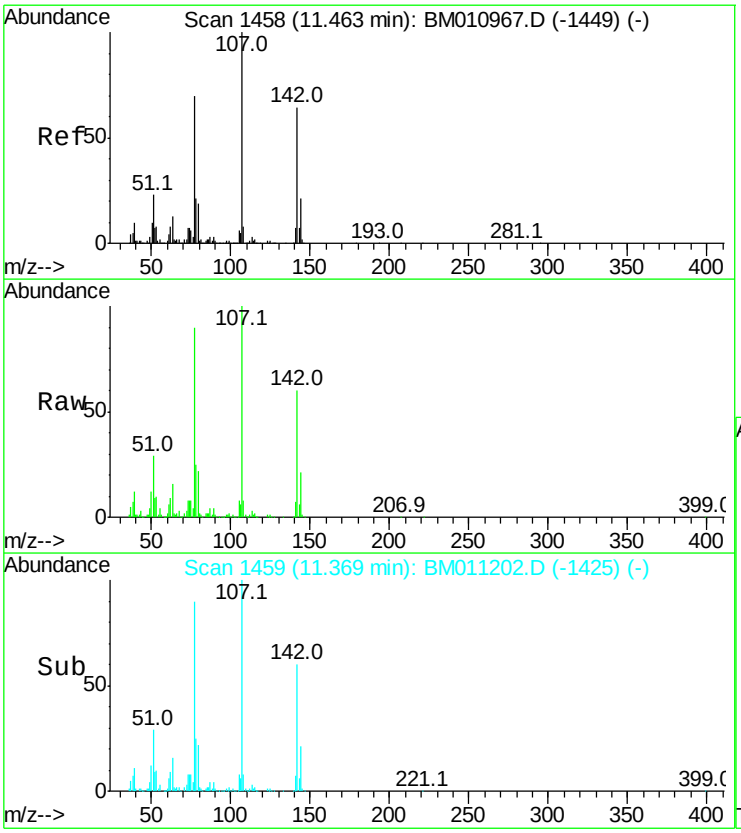
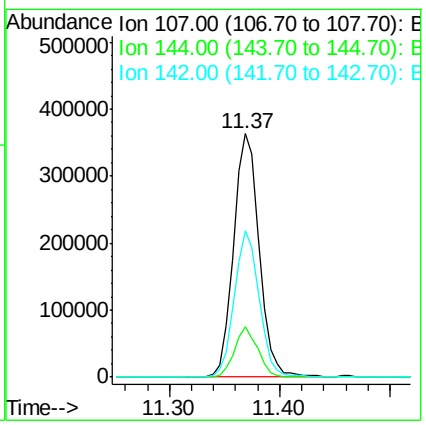


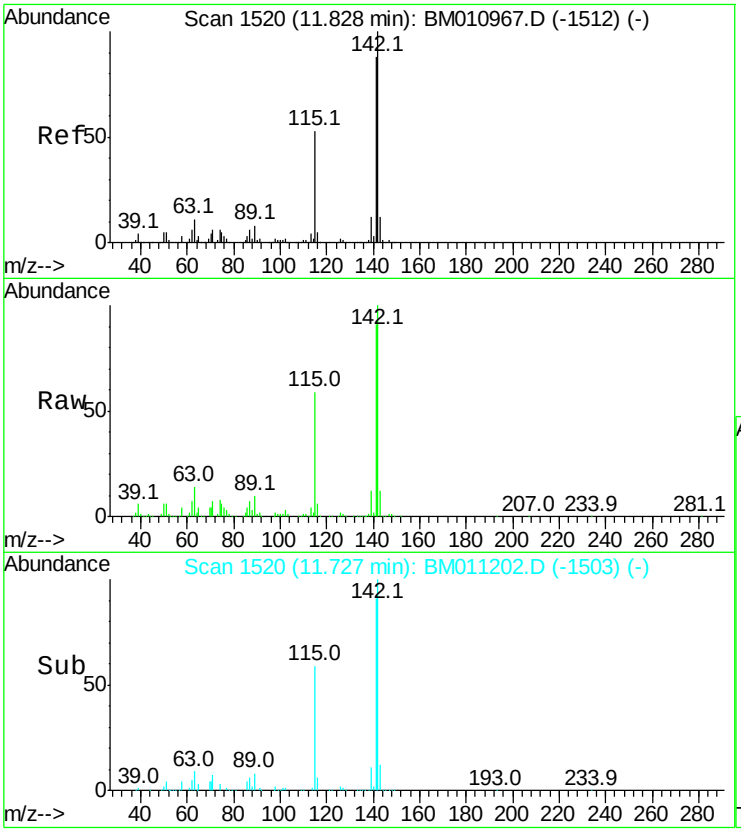


#36
4-Chloro-3-methylphenol
Concen: 47.600 ng
RT: 11.37 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:107 Resp: 593397

Ion	Ratio	Lower	Upper
107	100		
144	20.6	23.3	34.9#
142	60.2	72.6	109.0#

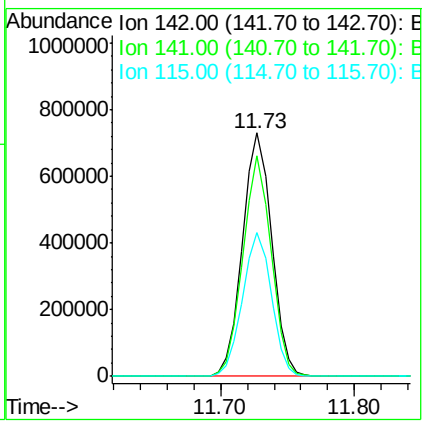




#37
2-Methylnaphthalene
Concen: 53.828 ng
RT: 11.73 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:142 Resp: 1105156

Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.9	107.9
115	59.0	25.4	38.0#



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RO-124019-72-12014MS

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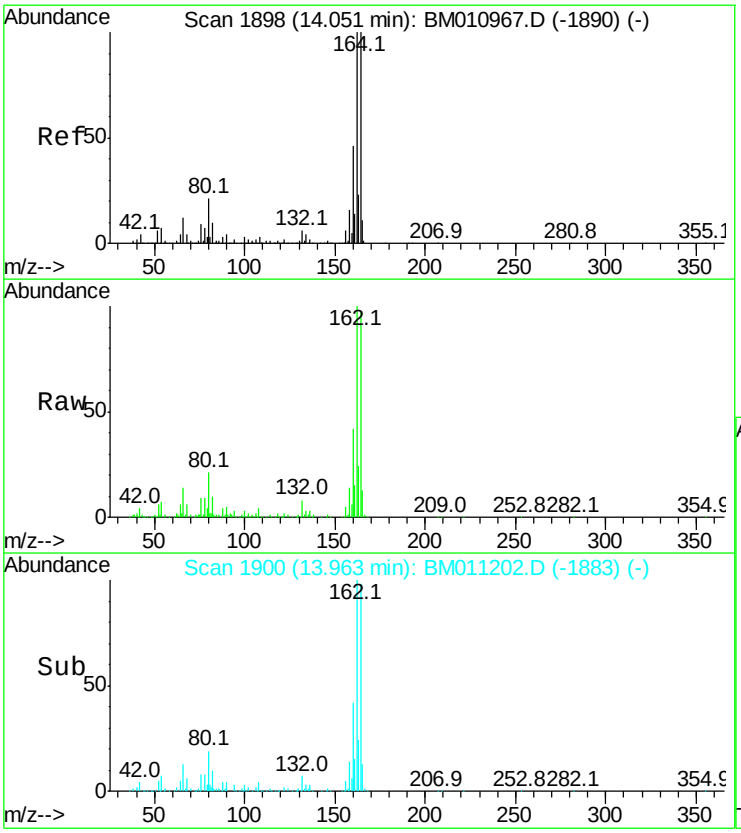
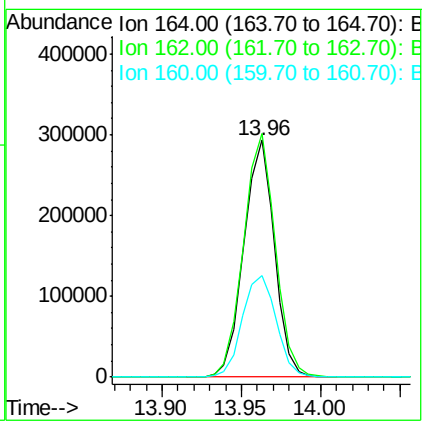
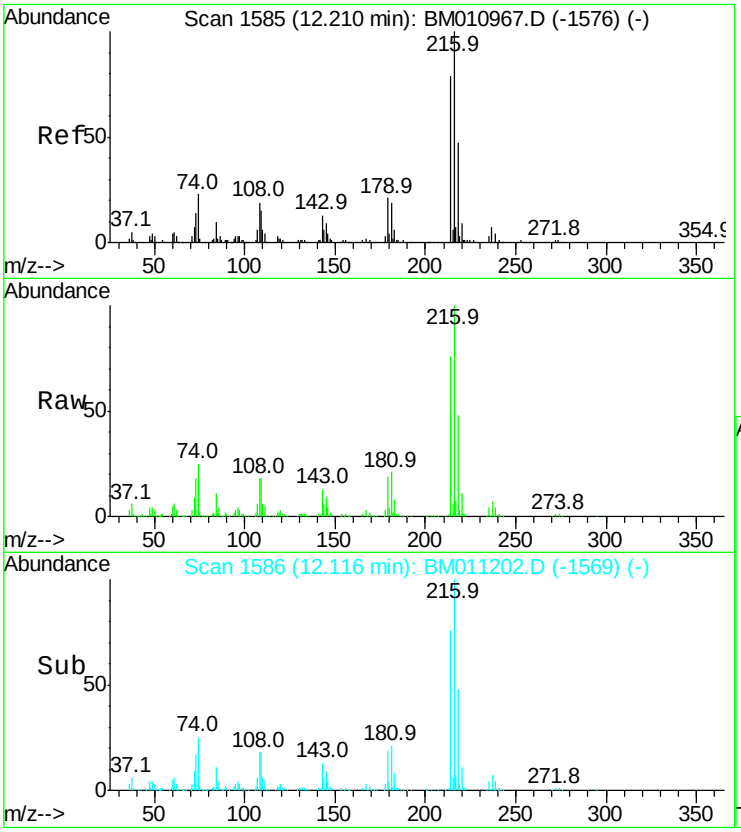


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.96 min Scan# 1900
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:164 Resp: 392246

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.4	123.6
160	42.8	35.8	53.6





#39
1,2,4,5-Tetrachlorobenzene
Concen: 50.678 ng
RT: 12.12 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MS

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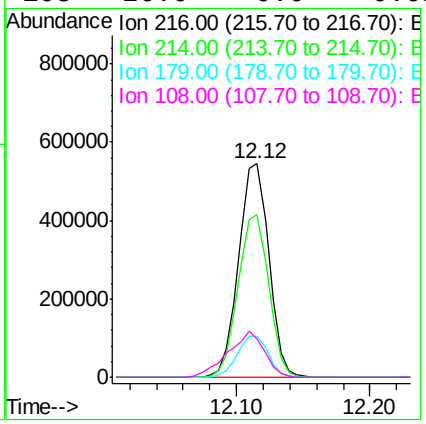
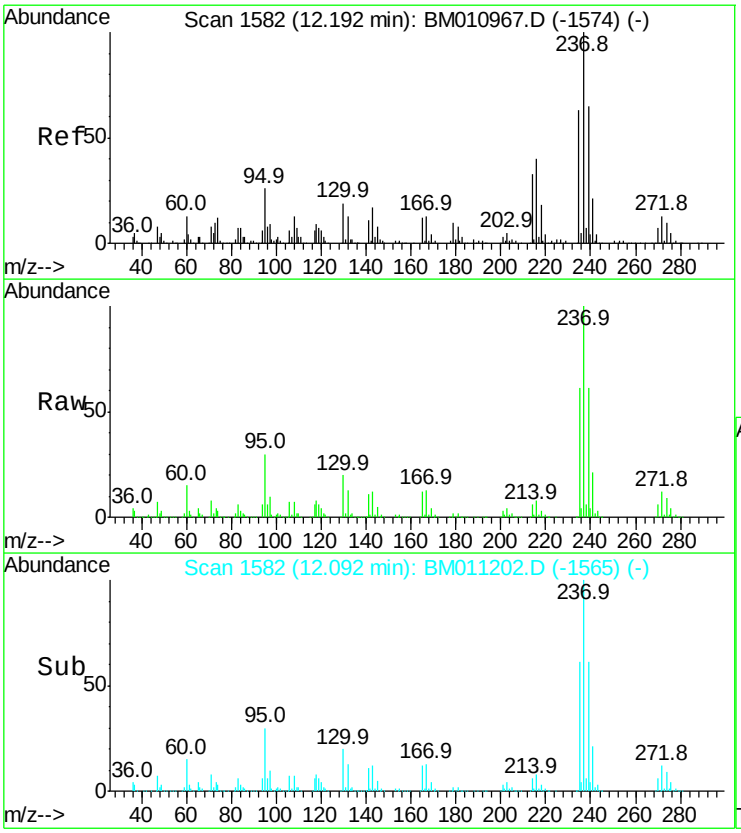
8/14/2017 6:56:58 PM

Tgt Ion:216 Resp: 854036

Ion	Ratio	Lower	Upper
216	100		
214	77.1	0.0	0.0#
179	19.8	0.0	0.0#
108	26.0	0.0	0.0#

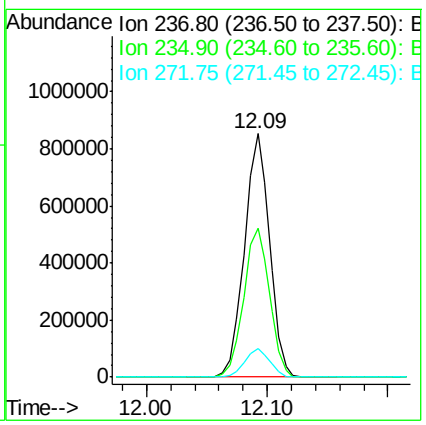


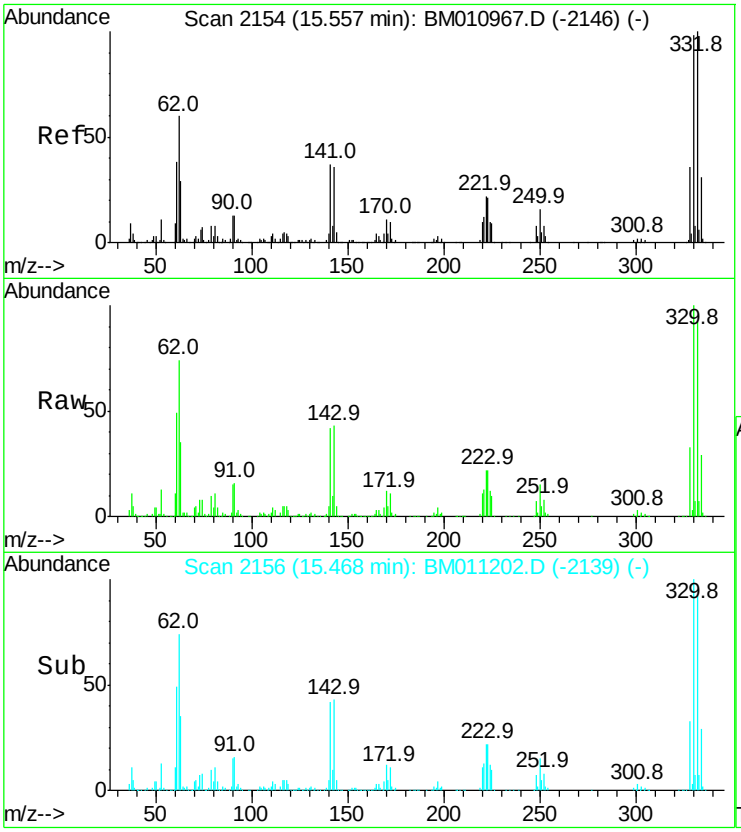


#40
Hexachlorocyclopentadiene
Concen: 126.040 ng
RT: 12.09 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:237 Resp: 1237667

Ion	Ratio	Lower	Upper
237	100		
235	61.3	42.0	82.0
272	11.9	0.0	33.4





#41
2,4,6-Tribromophenol
Concen: 159.479 ng
RT: 15.47 min Scan# 2156
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:330 Resp: 1002627

Ion	Ratio	Lower	Upper
330	100		
332	94.1	0.0	0.0#
141	43.1	0.0	0.0#

Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MS

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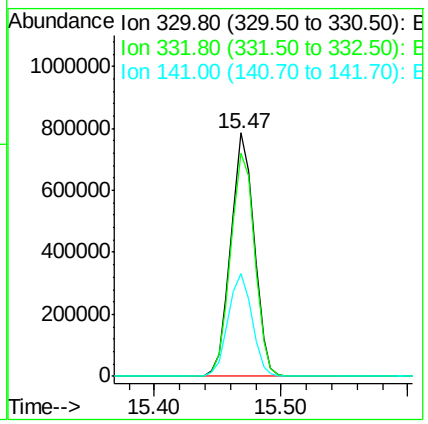
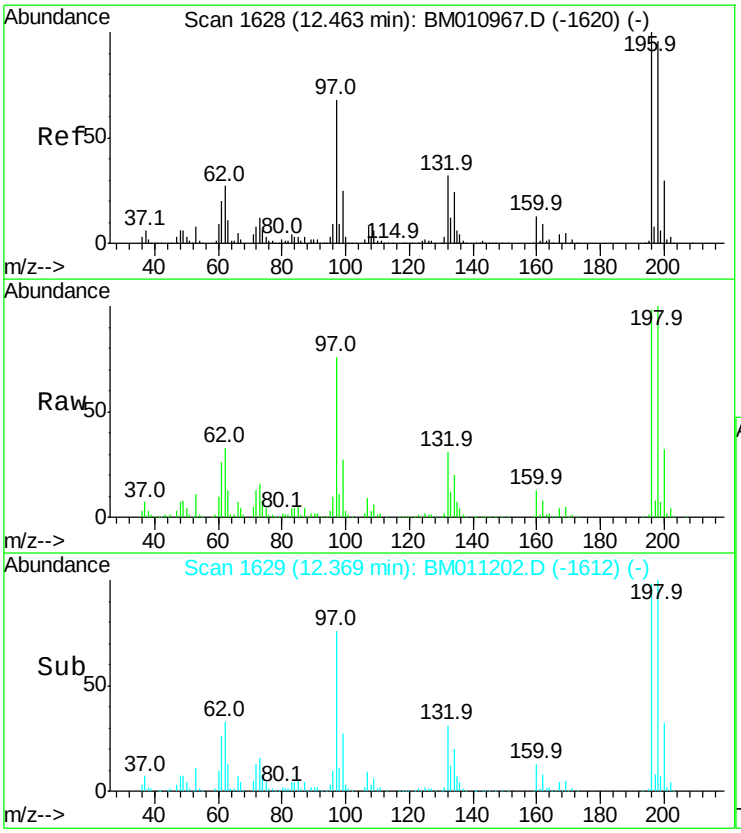
8/14/2017 6:56:58 PM

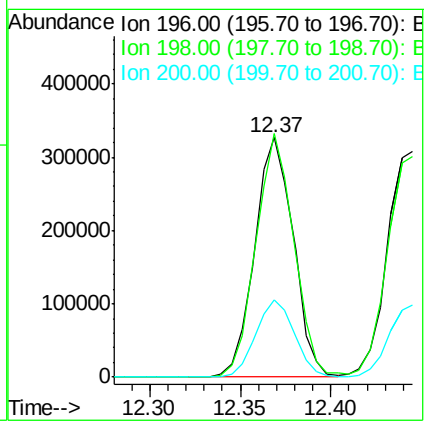


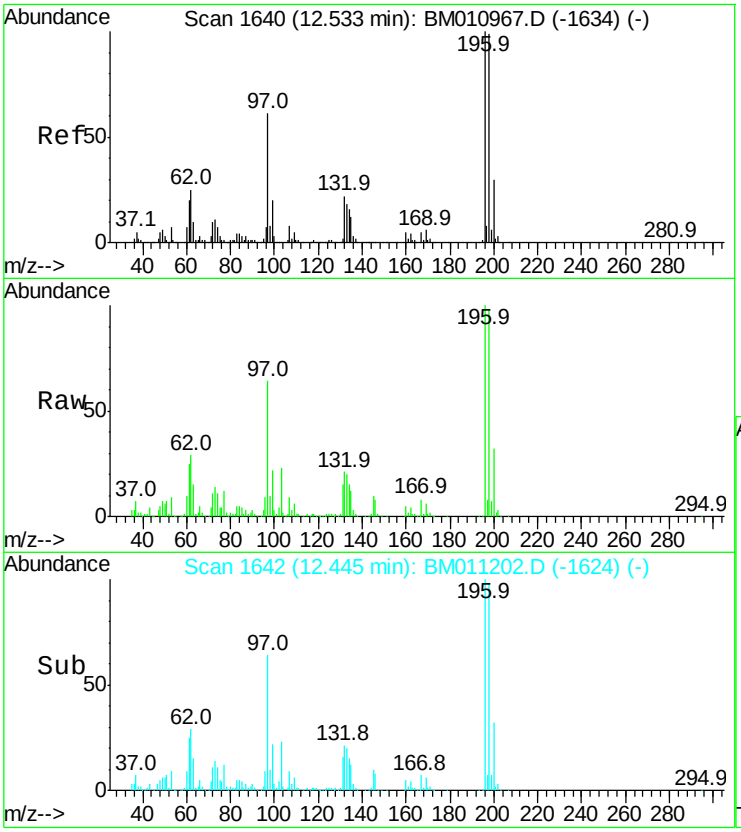


#42
2,4,6-Trichlorophenol
Concen: 47.457 ng
RT: 12.37 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:196 Resp: 484067

Ion	Ratio	Lower	Upper
196	100		
198	101.7	76.3	114.5
200	32.5	25.6	38.4

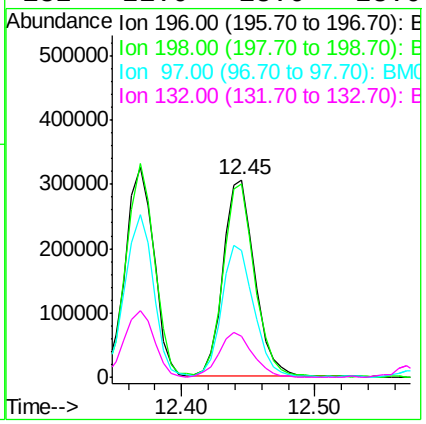




#43
2,4,5-Trichlorophenol
Concen: 48.073 ng
RT: 12.45 min Scan# 1642
Delta R.T. 0.01 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:196 Resp: 505029

Ion	Ratio	Lower	Upper
196	100		
198	97.7	79.4	119.0
97	64.5	26.8	40.2#
132	21.0	18.6	28.0



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RO-124019-72-12014MS

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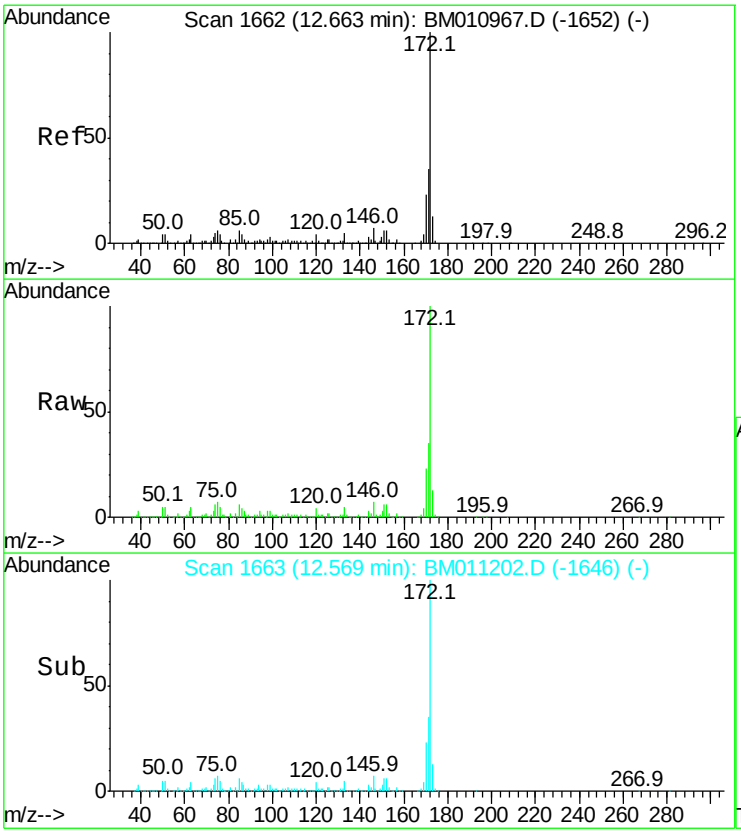
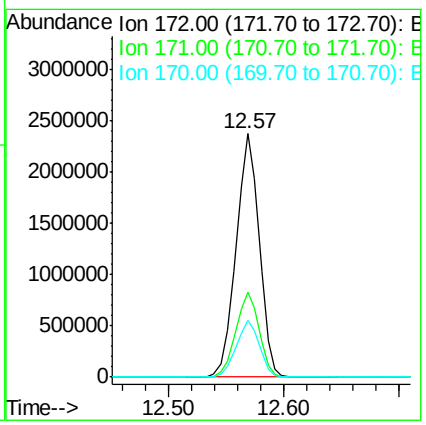
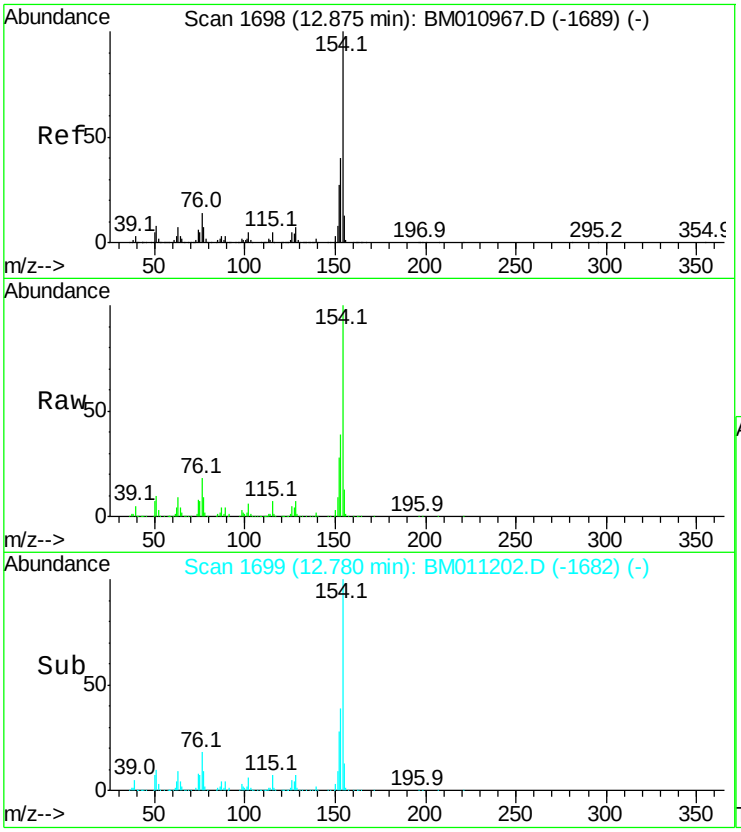


#44
2-Fluorobiphenyl
Concen: 104.827 ng
RT: 12.57 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:172 Resp: 3278575

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.3	18.8	28.2

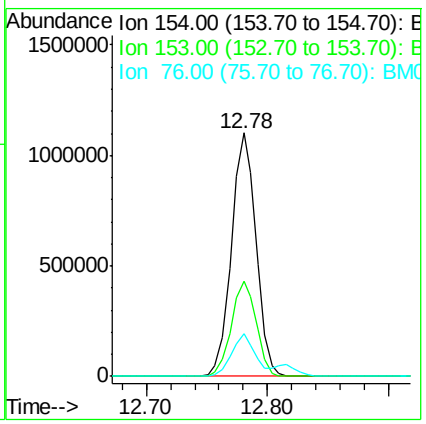




#45
1,1'-Biphenyl
Concen: 45.997 ng
RT: 12.78 min Scan# 1699
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:154 Resp: 1560065

Ion	Ratio	Lower	Upper
154	100		
153	39.0	20.7	60.7
76	17.6	0.0	30.9



Instrument :
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ClientSampleId :
RO-124019-72-12014MS

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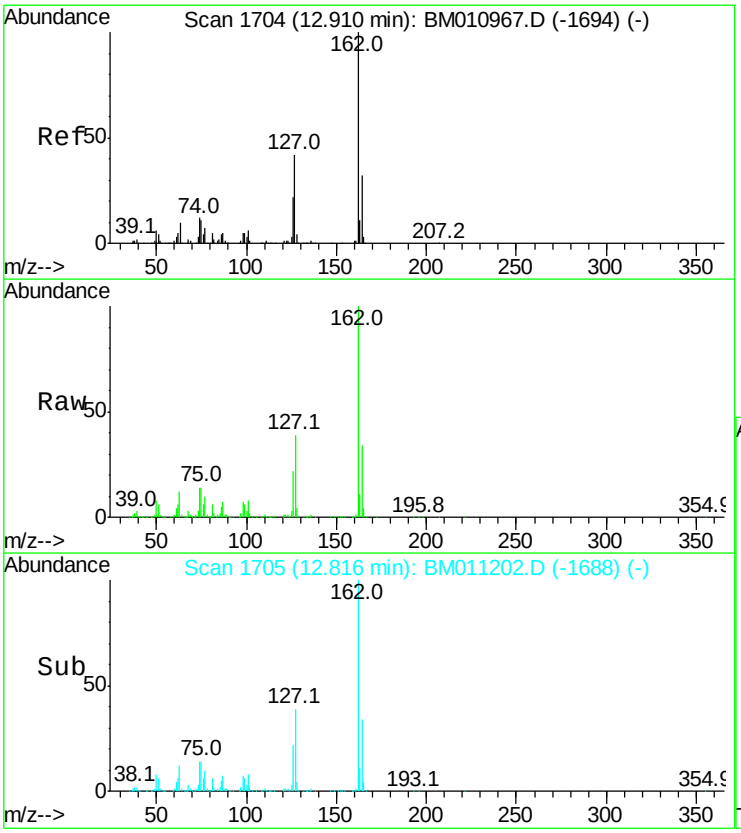
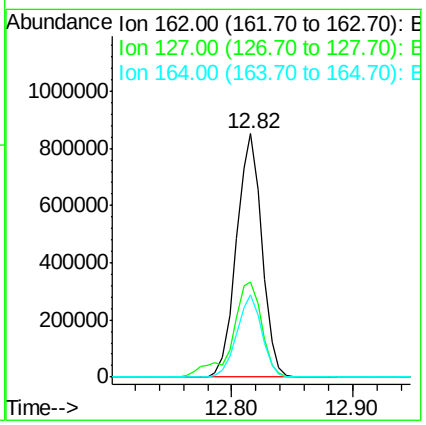
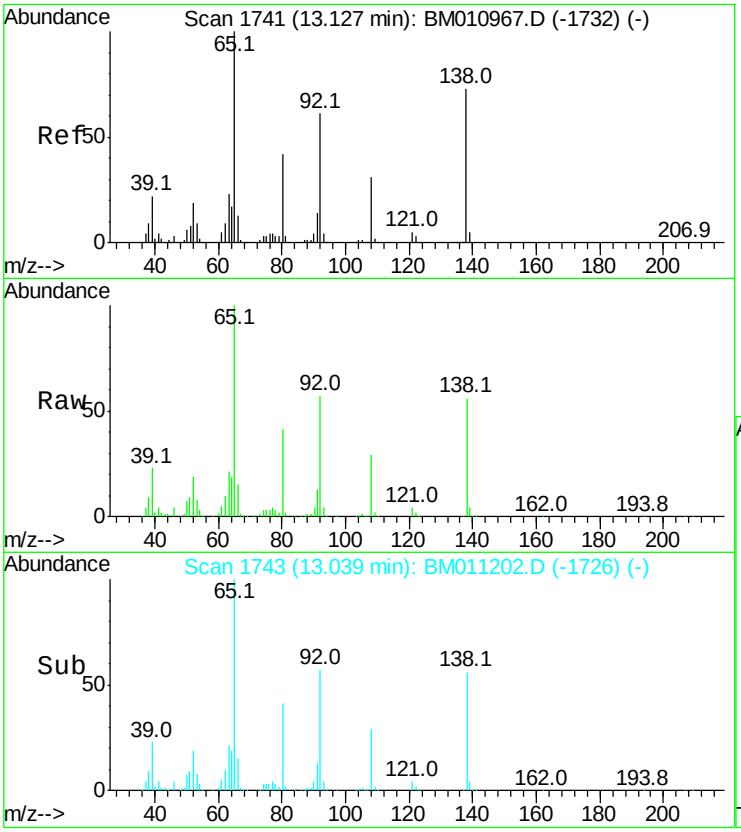


#46
2-Chloronaphthalene
Concen: 49.944 ng
RT: 12.82 min Scan# 1705
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:162 Resp: 1248078

Ion	Ratio	Lower	Upper
162	100		
127	39.2	26.9	40.3
164	33.9	26.8	40.2





#47
2-Nitroaniline
Concen: 59.458 ng
RT: 13.04 min Scan# 1743
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion: 65 Resp: 525647

Ion	Ratio	Lower	Upper
65	100		
92	57.0	59.1	88.7#
138	55.7	93.9	140.9#

Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MS

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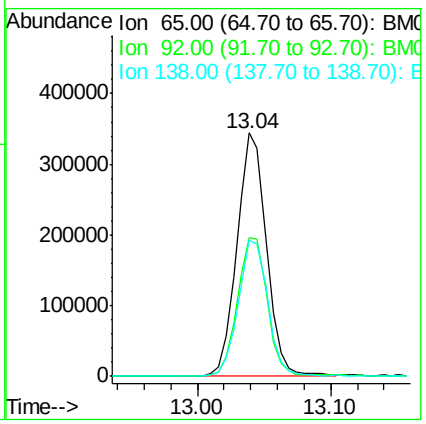
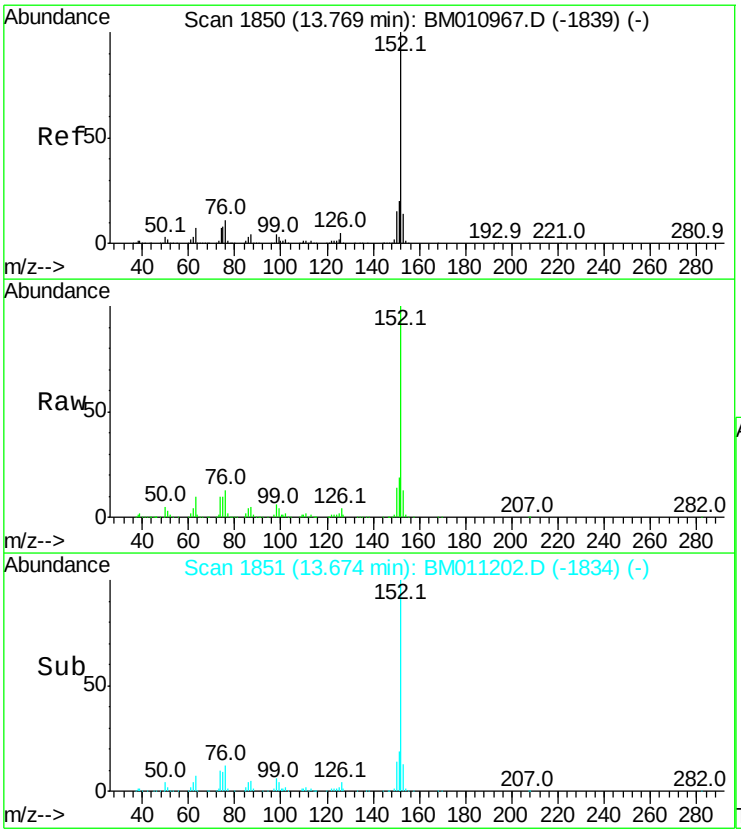
8/14/2017 6:56:58 PM

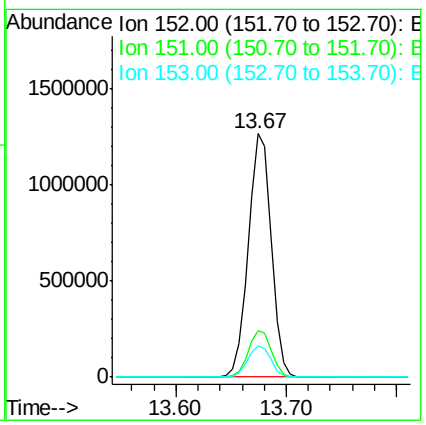


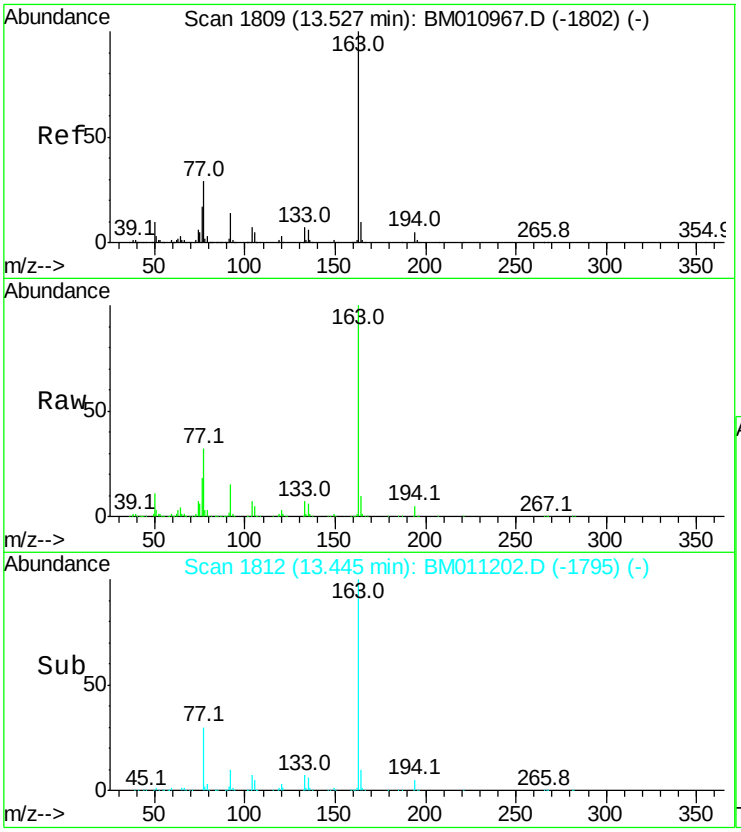


#48
Acenaphthylene
Concen: 49.693 ng
RT: 13.67 min Scan# 1851
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:152 Resp: 1853225

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.9	23.9
153	13.0	10.6	16.0

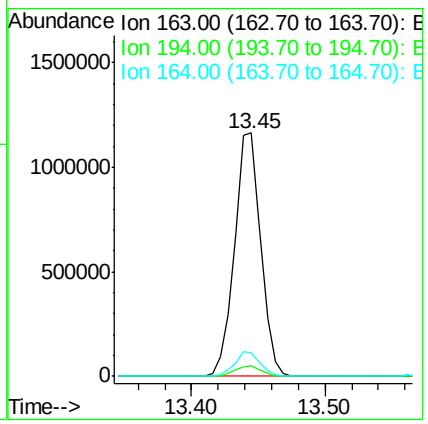




#49
Dimethylphthalate
Concen: 47.426 ng
RT: 13.45 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:163 Resp: 1591379

Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.7	4.1#
164	9.6	8.2	12.2



Instrument :
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RO-124019-72-12014MS

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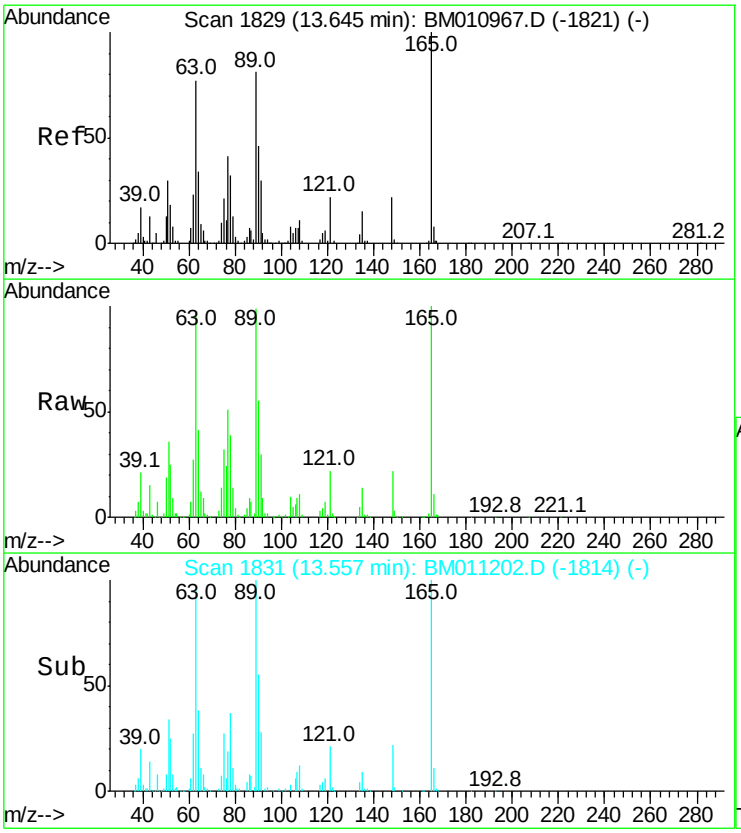
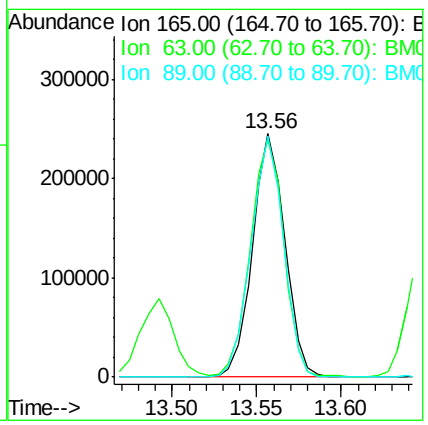
8/14/2017 6:56:58 PM

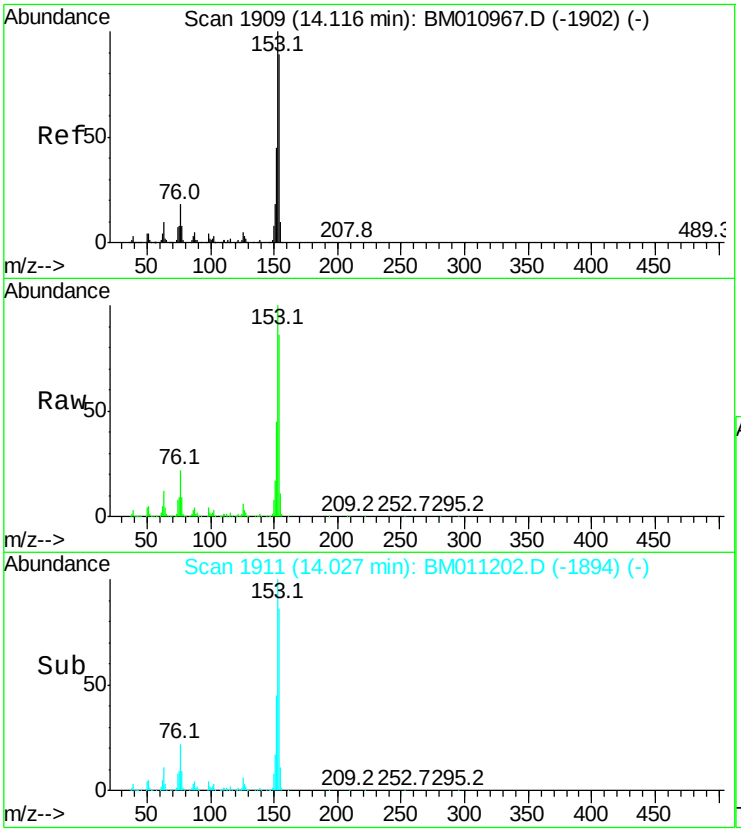


#50
2,6-Dinitrotoluene
Concen: 48.523 ng
RT: 13.56 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:165 Resp: 329251

Ion	Ratio	Lower	Upper
165	100		
63	97.3	44.1	66.1#
89	98.9	44.3	66.5#

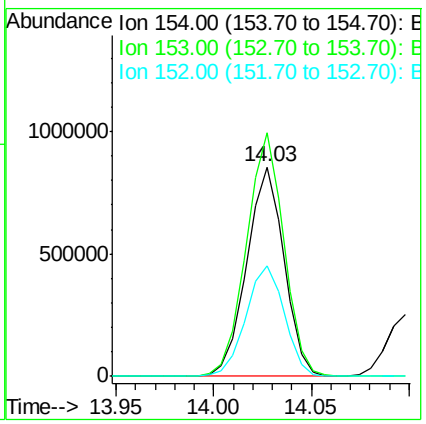




#51
Acenaphthene
Concen: 49.172 ng
RT: 14.03 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:154 Resp: 1135462

Ion	Ratio	Lower	Upper
154	100		
153	116.2	90.0	135.0
152	52.6	42.6	63.8



Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MS

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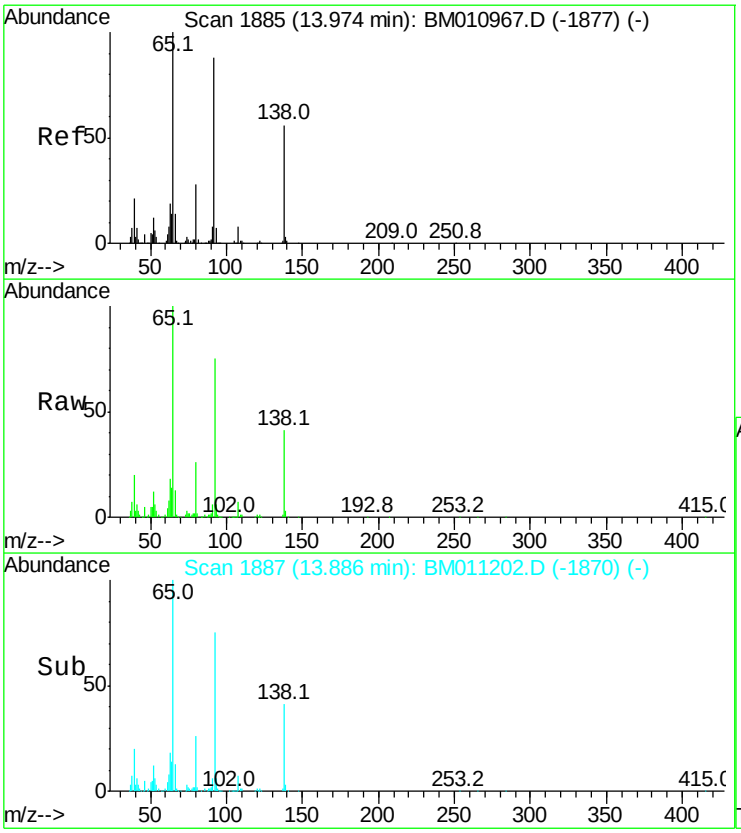
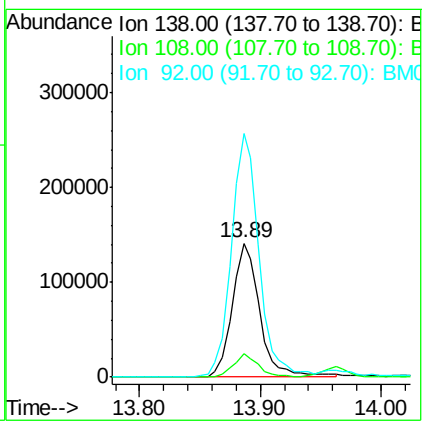
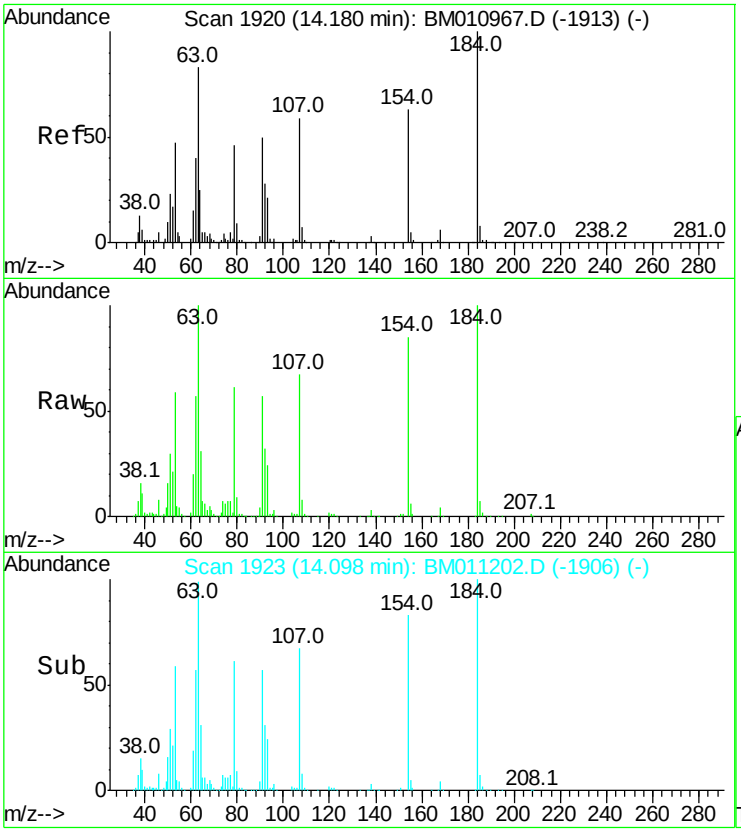


#52
3-Nitroaniline
Concen: 37.918 ng
RT: 13.89 min Scan# 1887
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:138 Resp: 223272

Ion	Ratio	Lower	Upper
138	100		
108	17.7	7.3	10.9#
92	181.8	76.6	114.8#





#53
2,4-Dinitrophenol
Concen: 88.459 ng
RT: 14.10 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:184 Resp: 426583

Ion	Ratio	Lower	Upper
184	100		
63	99.6	69.2	103.8
154	85.4	53.3	79.9#

Instrument :
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ClientSampleId :
RO-124019-72-12014MS

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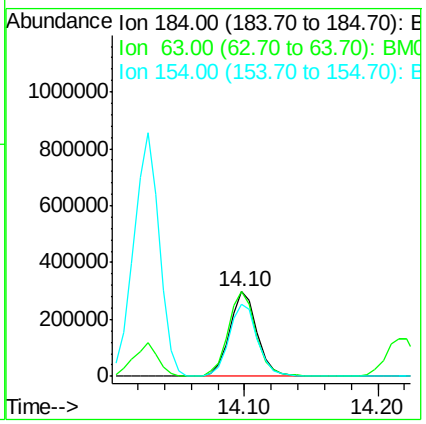
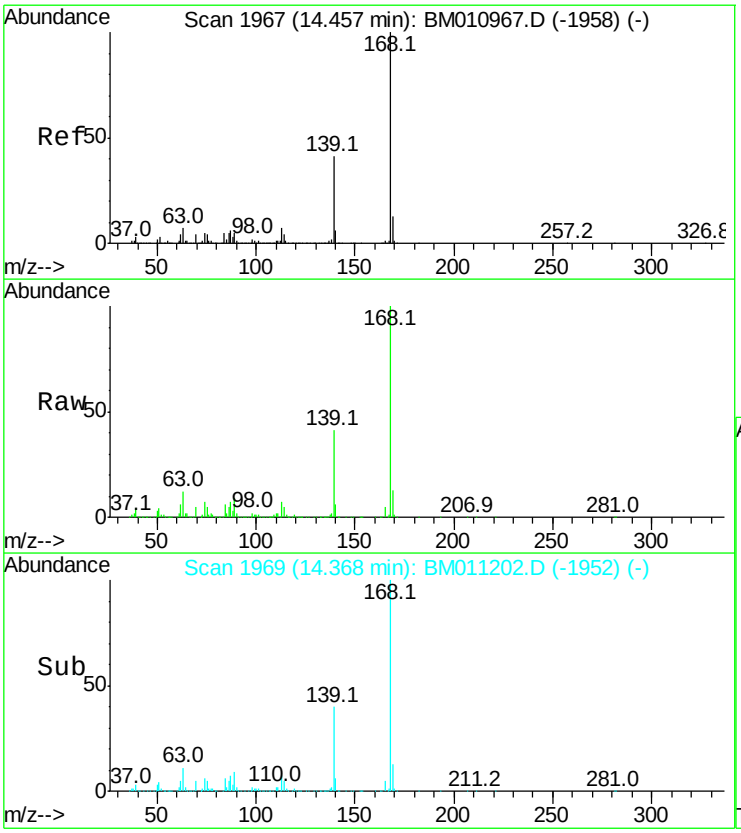
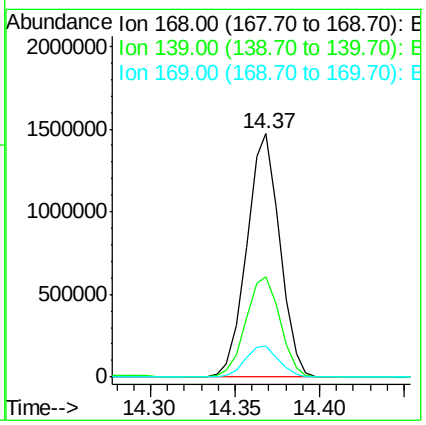


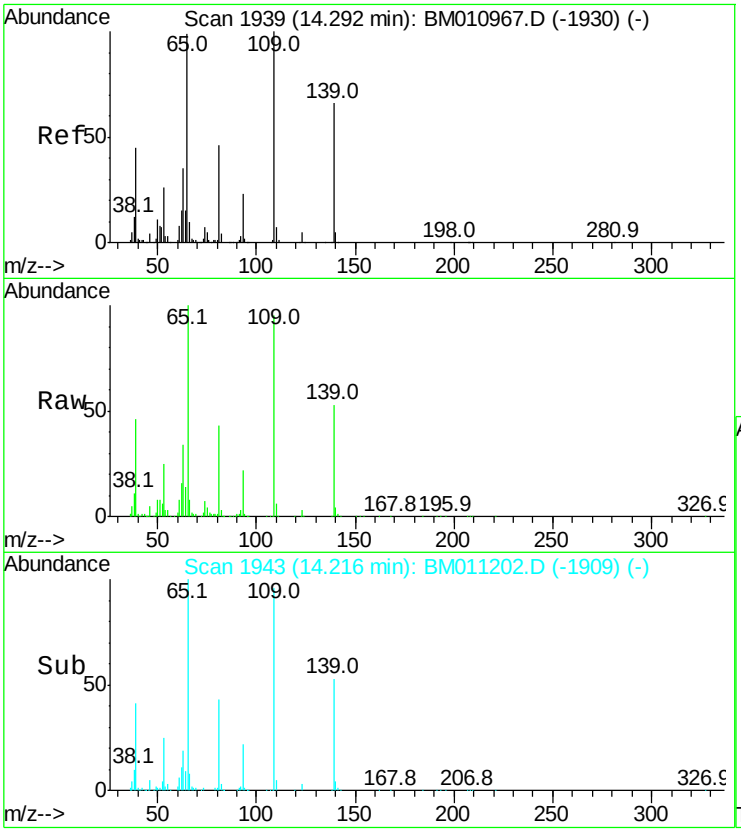


#54
Dibenzofuran
Concen: 53.660 ng
RT: 14.37 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:168 Resp: 2007752

Ion	Ratio	Lower	Upper
168	100		
139	41.1	27.3	40.9#
169	12.6	10.6	16.0

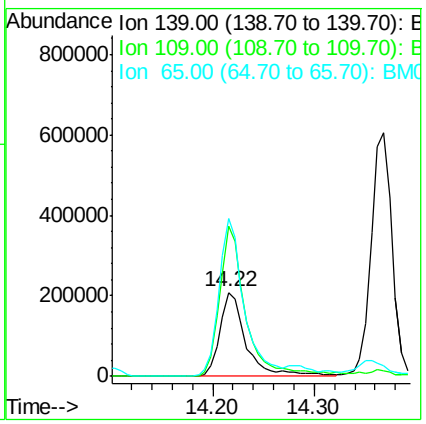




#55
4-Nitrophenol
Concen: 73.122 ng
RT: 14.22 min Scan# 1943
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:139 Resp: 378279

Ion	Ratio	Lower	Upper
139	100		
109	178.4	130.0	170.0#
65	187.7	130.0	170.0#



Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MS

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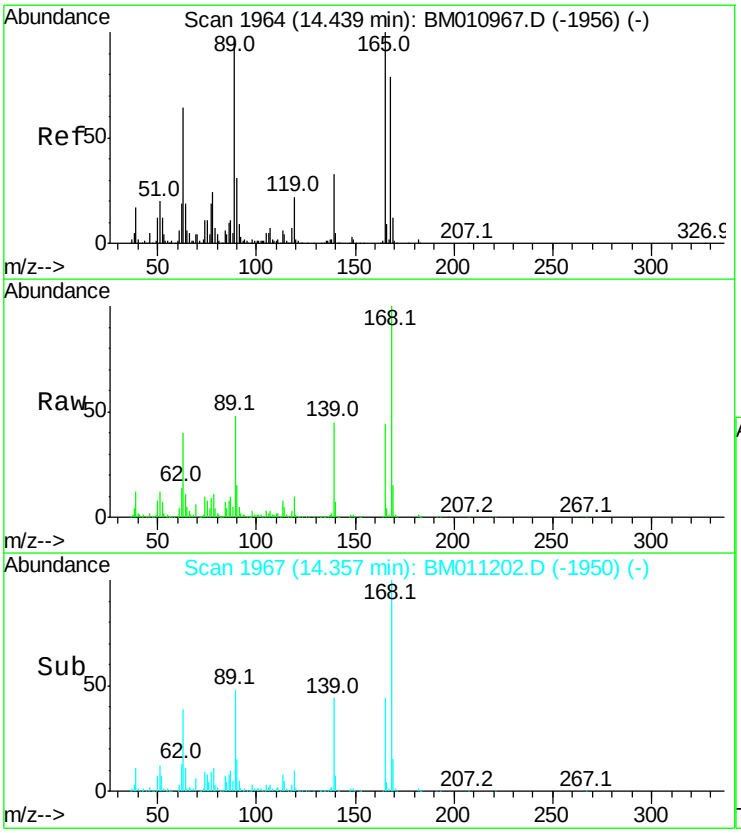
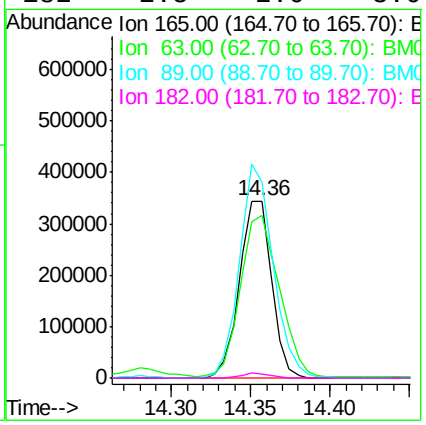
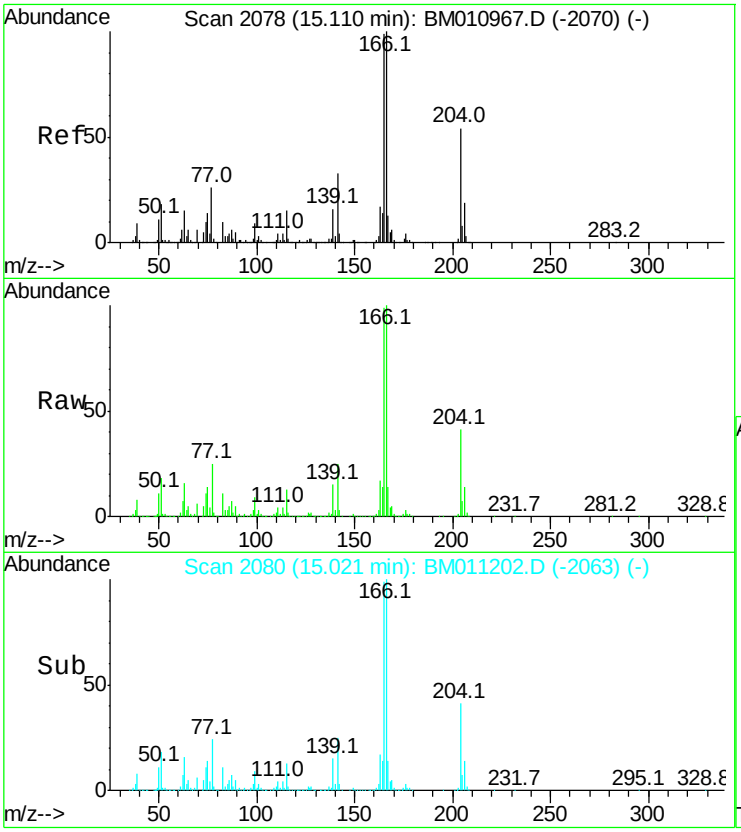


#56
2,4-Dinitrotoluene
Concen: 51.026 ng
RT: 14.36 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:165 Resp: 486067

Ion	Ratio	Lower	Upper
165	100		
63	92.0	52.4	78.6#
89	110.8	72.4	108.6#
182	2.5	2.0	3.0

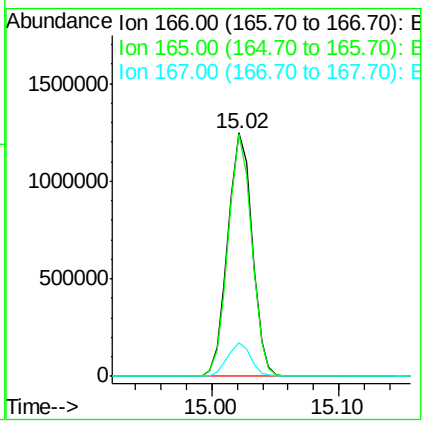




#57
Fluorene
Concen: 50.969 ng
RT: 15.02 min Scan# 2080
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:166 Resp: 1660387

Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.0	118.4
167	13.8	10.3	15.5



Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MS

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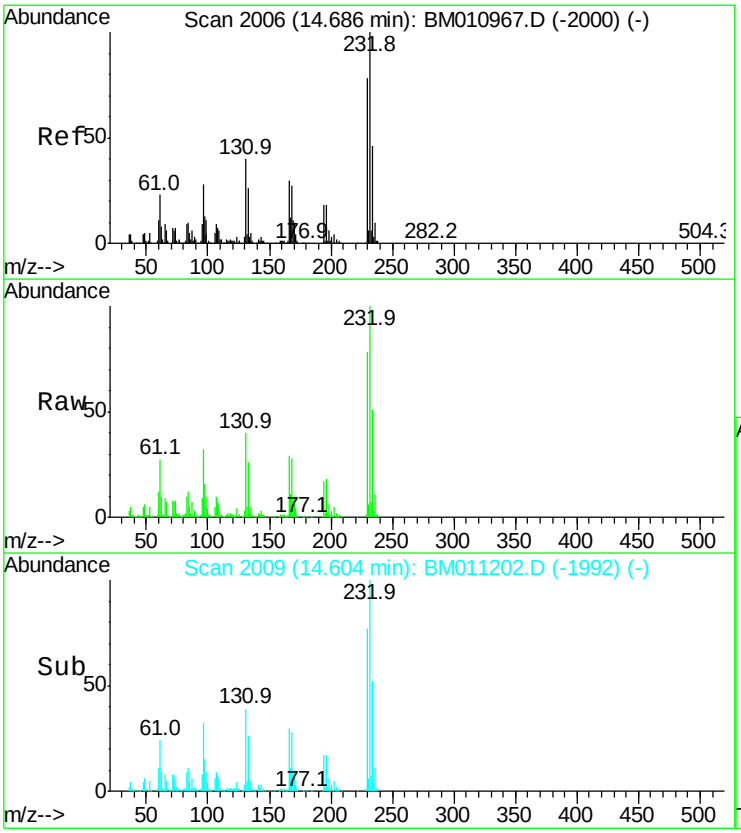
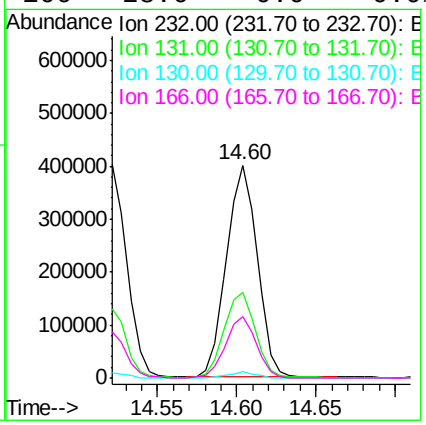
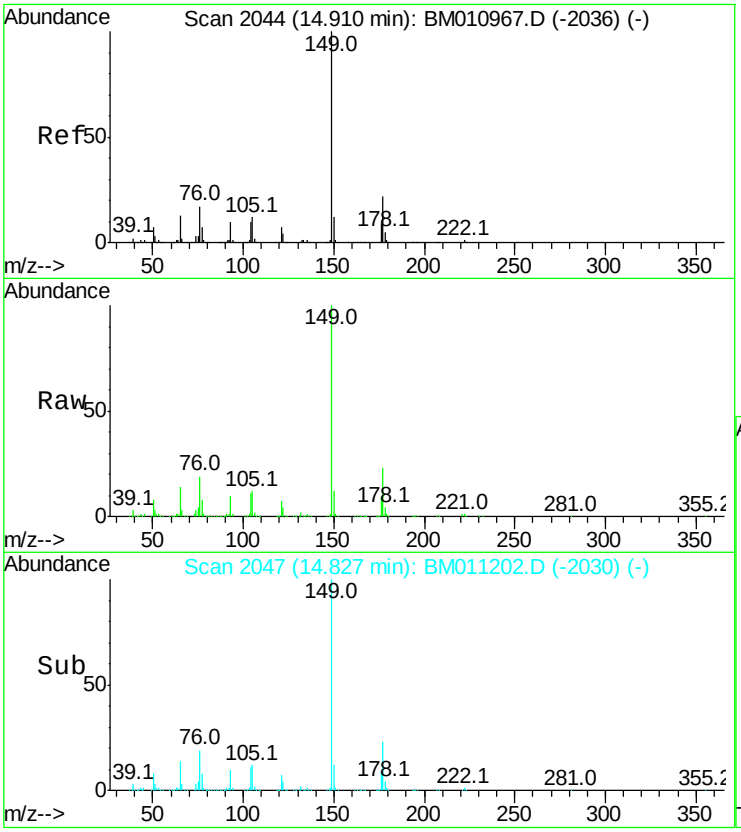


#58
2,3,4,6-Tetrachlorophenol
Concen: 54.924 ng
RT: 14.60 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:232 Resp: 540839

Ion	Ratio	Lower	Upper
232	100		
131	41.4	0.0	0.0#
130	2.7	0.0	0.0#
166	28.6	0.0	0.0#





#59
Diethylphthalate
Concen: 48.813 ng
RT: 14.83 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:149 Resp: 1672776

Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.3	27.5
150	12.4	9.8	14.8

Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MS

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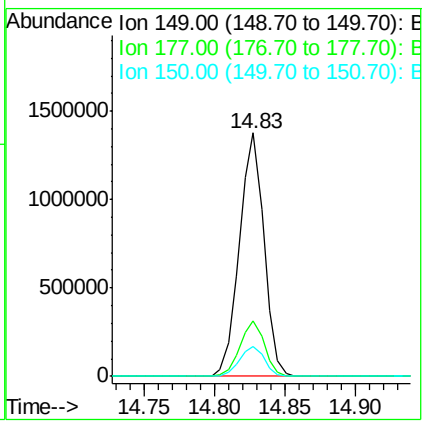
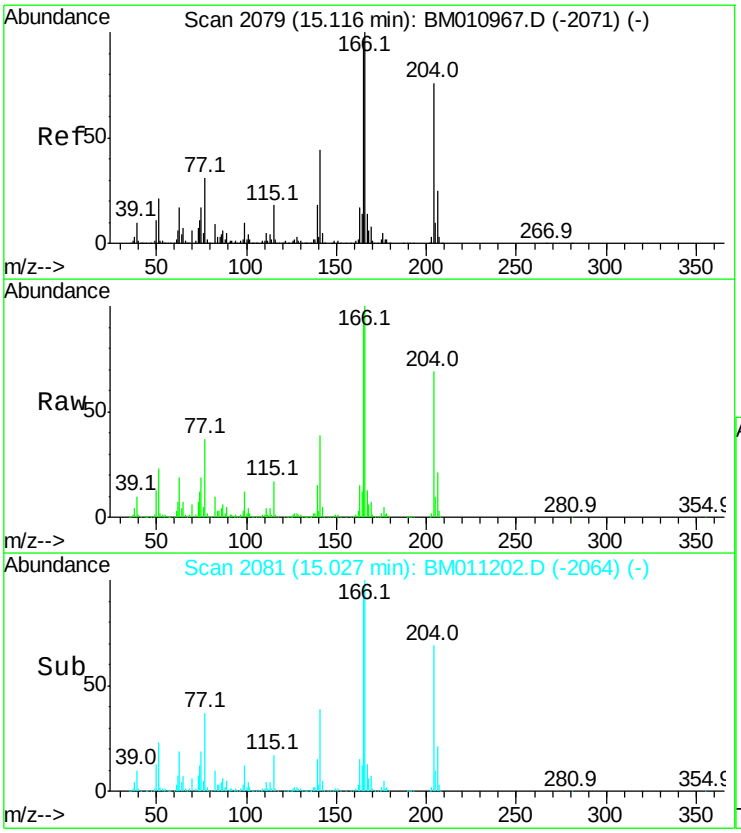
8/14/2017 6:56:58 PM

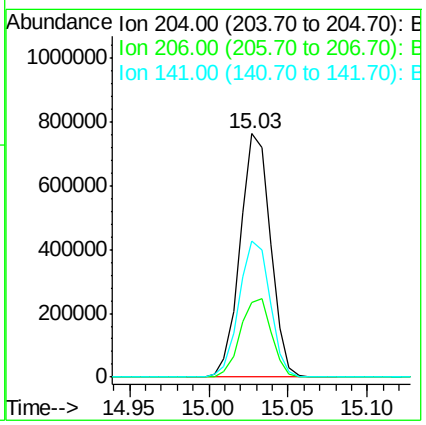


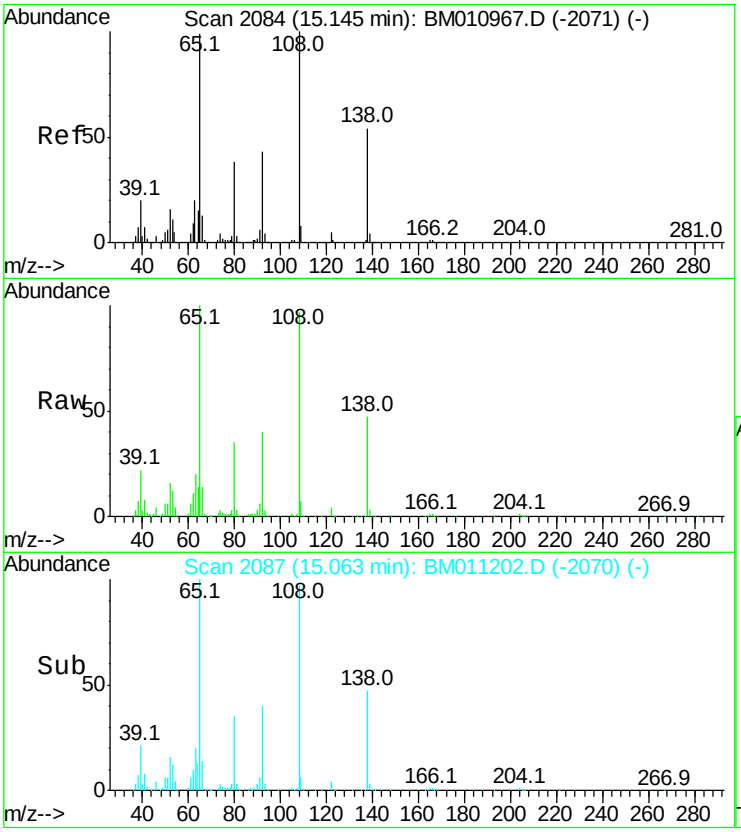


#60
4-Chlorophenyl-phenylether
Concen: 51.717 ng
RT: 15.03 min Scan# 2081
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:204 Resp: 1017184

Ion	Ratio	Lower	Upper
204	100		
206	30.9	26.6	39.8
141	55.9	45.2	67.8

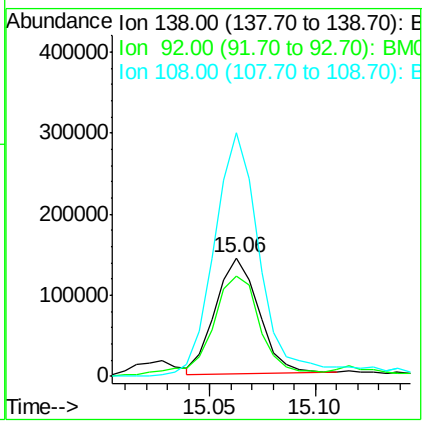




#61
4-Nitroaniline
Concen: 32.261 ng
RT: 15.06 min Scan# 2087
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:138 Resp: 201773

Ion	Ratio	Lower	Upper
138	100		
92	84.8	16.7	56.7#
108	204.9	37.6	77.6#



Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MS

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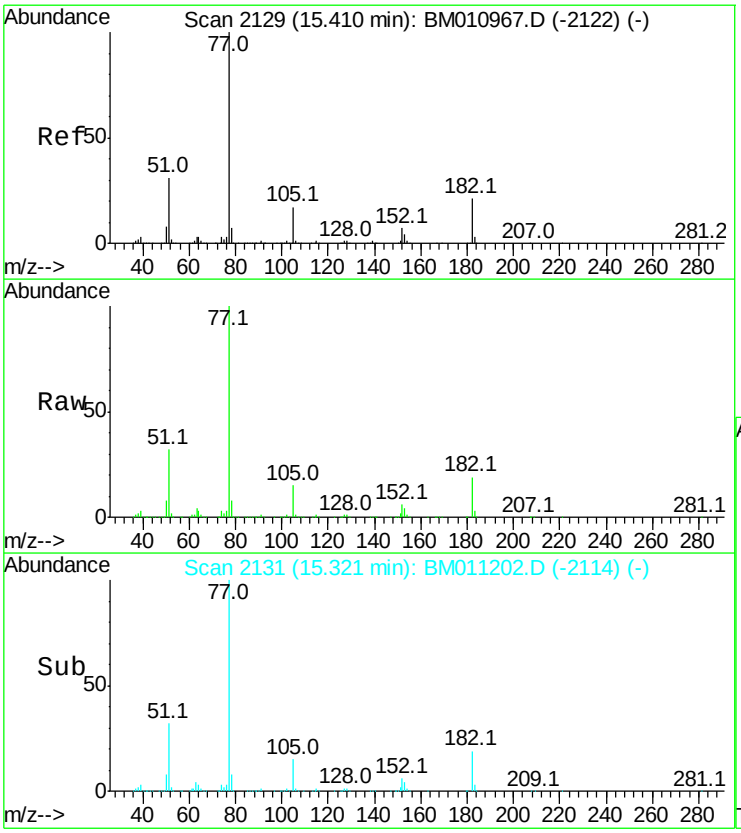
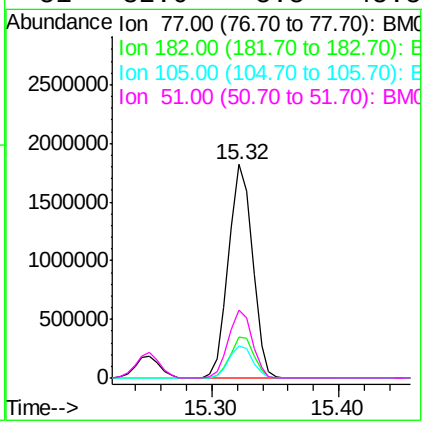
8/14/2017 6:56:58 PM

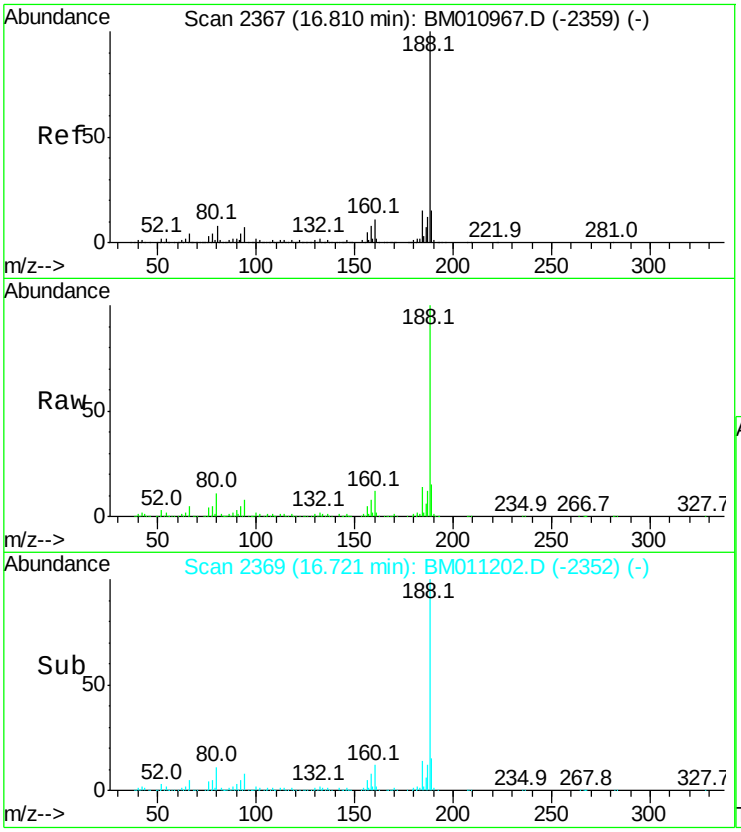


#62
Azobenzene
Concen: 64.848 ng
RT: 15.32 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion: 77 Resp: 2378356

Ion	Ratio	Lower	Upper
77	100		
182	19.0	6.5	46.5
105	15.2	3.8	43.8
51	32.0	5.5	45.5





#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2369
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:188 Resp: 1009120

Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.7	13.1#
80	11.1	9.3	13.9

Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MS

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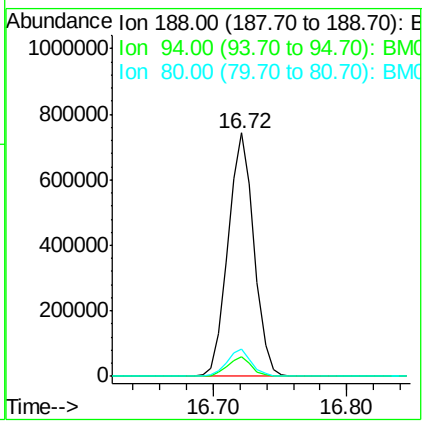
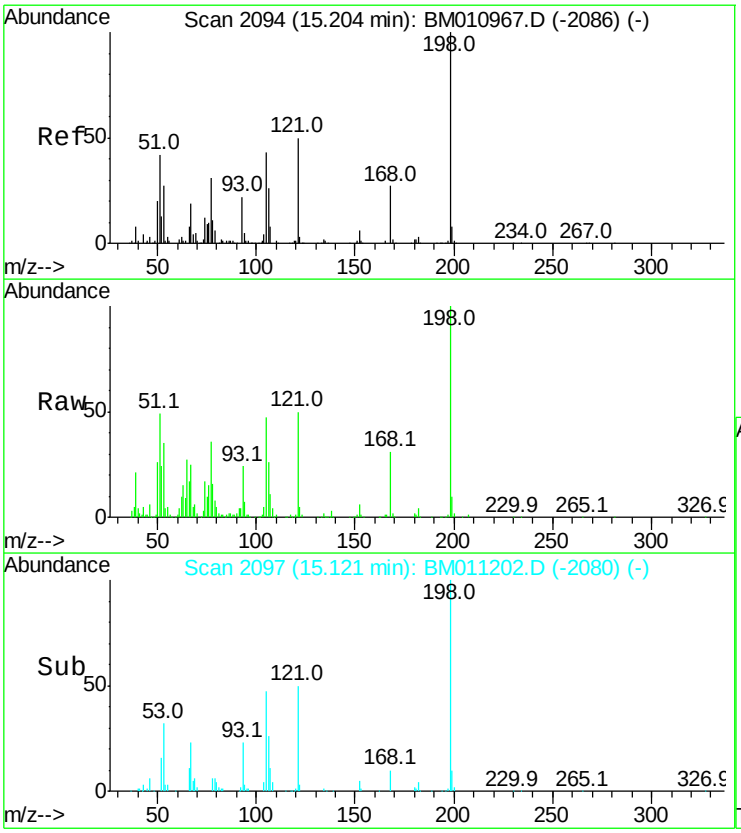
8/14/2017 6:56:58 PM

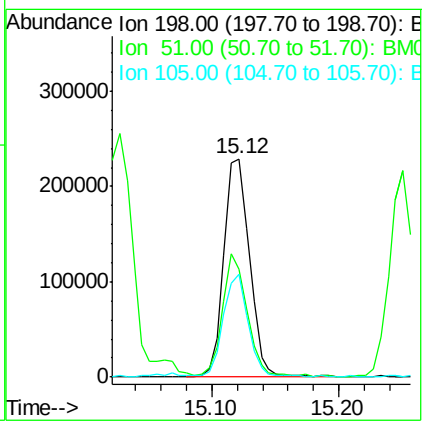


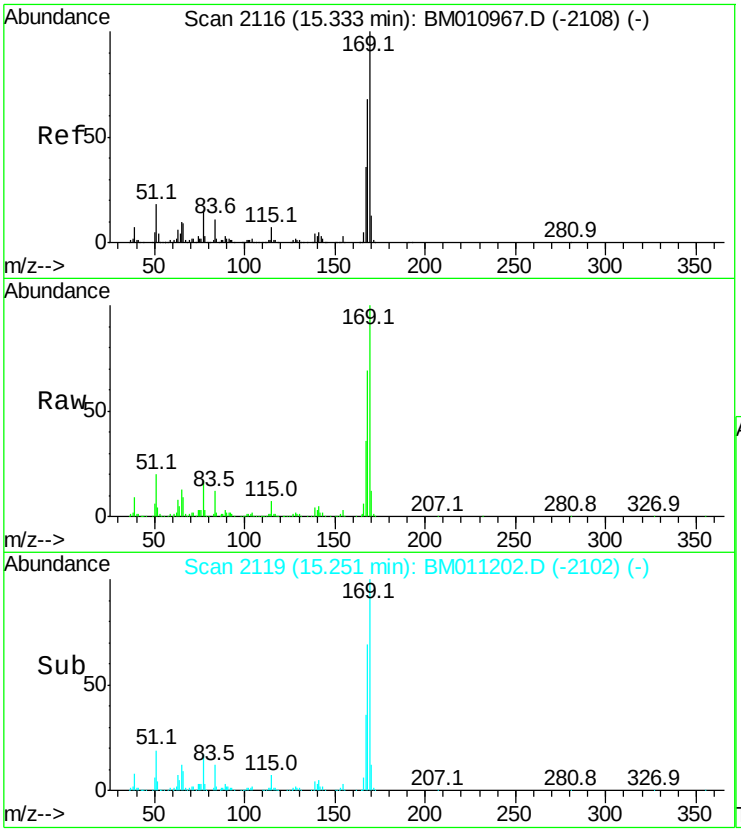


#64
4,6-Dinitro-2-methylphenol
Concen: 47.237 ng
RT: 15.12 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:198 Resp: 322705

Ion	Ratio	Lower	Upper
198	100		
51	49.2	28.8	68.8
105	47.3	30.5	70.5

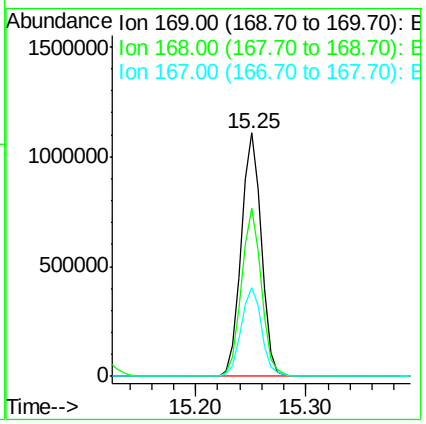




#65
n-Nitrosodiphenylamine
Concen: 49.222 ng
RT: 15.25 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:169 Resp: 1421498

Ion	Ratio	Lower	Upper
169	100		
168	69.2	53.9	80.9
167	36.2	28.9	43.3



Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MS

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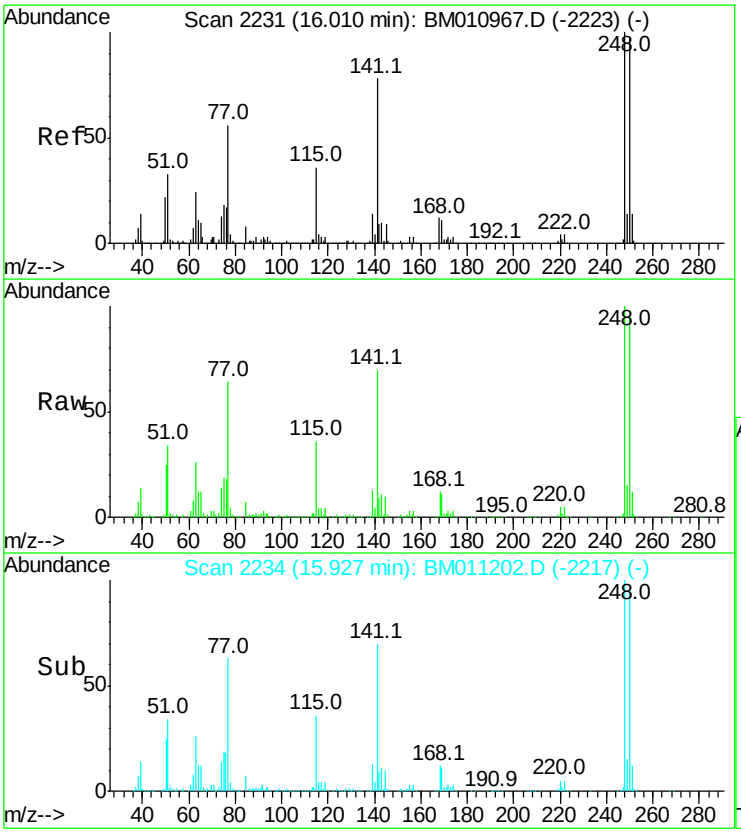
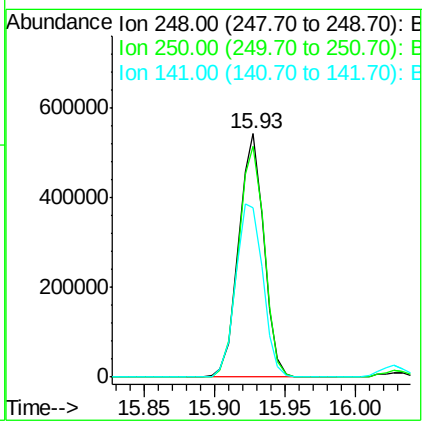
8/14/2017 6:56:58 PM

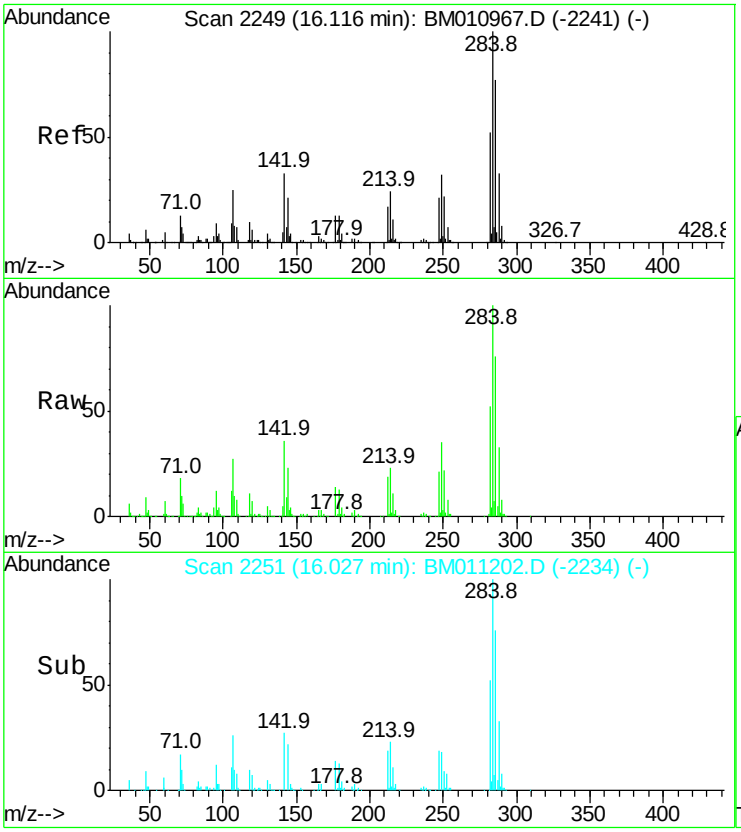


#66
4-Bromophenyl-phenylether
Concen: 51.977 ng
RT: 15.93 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:248 Resp: 674278

Ion	Ratio	Lower	Upper
248	100		
250	94.9	77.4	116.0
141	69.7	45.2	67.8#

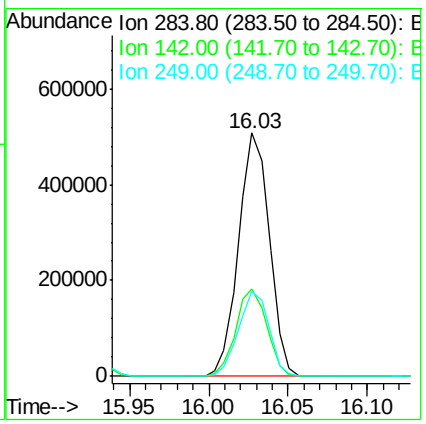




#67
Hexachlorobenzene
Concen: 46.848 ng
RT: 16.03 min Scan# 2251
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:284 Resp: 686756

Ion	Ratio	Lower	Upper
284	100		
142	35.7	20.4	30.6#
249	34.9	23.8	35.6



Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MS

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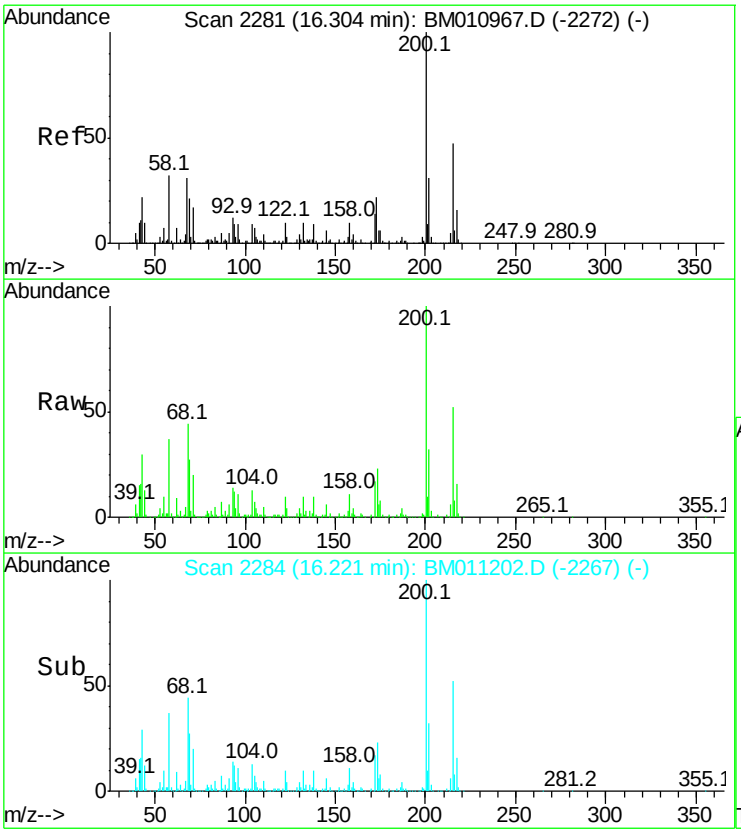
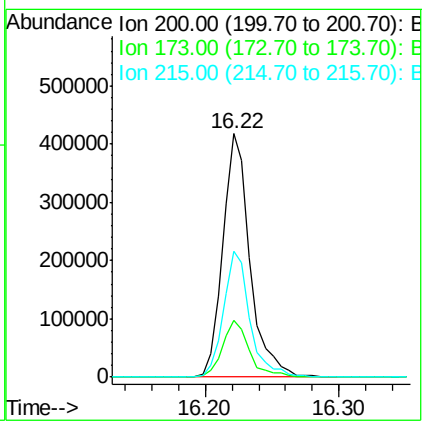
8/14/2017 6:56:58 PM

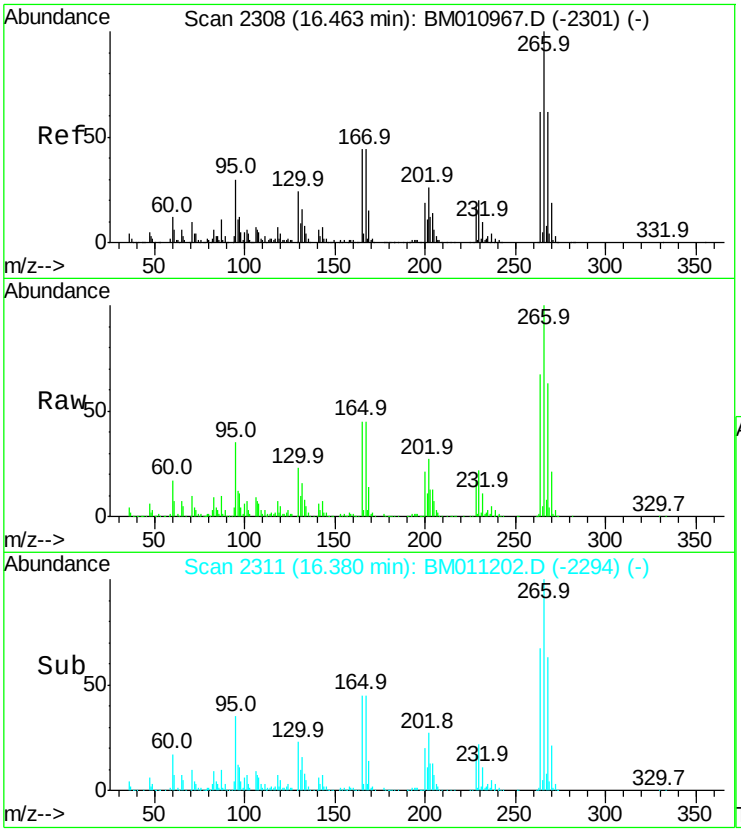


#68
Atrazine
Concen: 51.760 ng
RT: 16.22 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:200 Resp: 599026

Ion	Ratio	Lower	Upper
200	100		
173	23.2	4.8	44.8
215	51.9	26.9	66.9

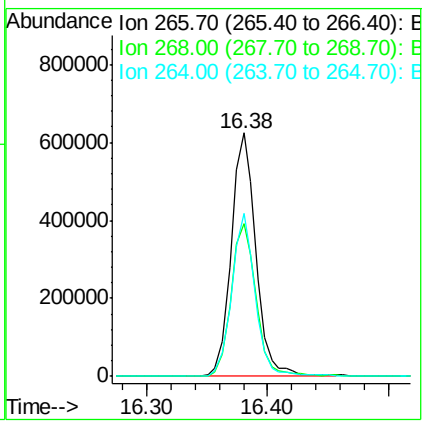




#69
Pentachlorophenol
Concen: 95.597 ng
RT: 16.38 min Scan# 2311
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:266 Resp: 889686

Ion	Ratio	Lower	Upper
266	100		
268	62.9	52.0	78.0
264	66.8	49.0	73.4



Instrument :
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ClientSampleId :
RO-124019-72-12014MS

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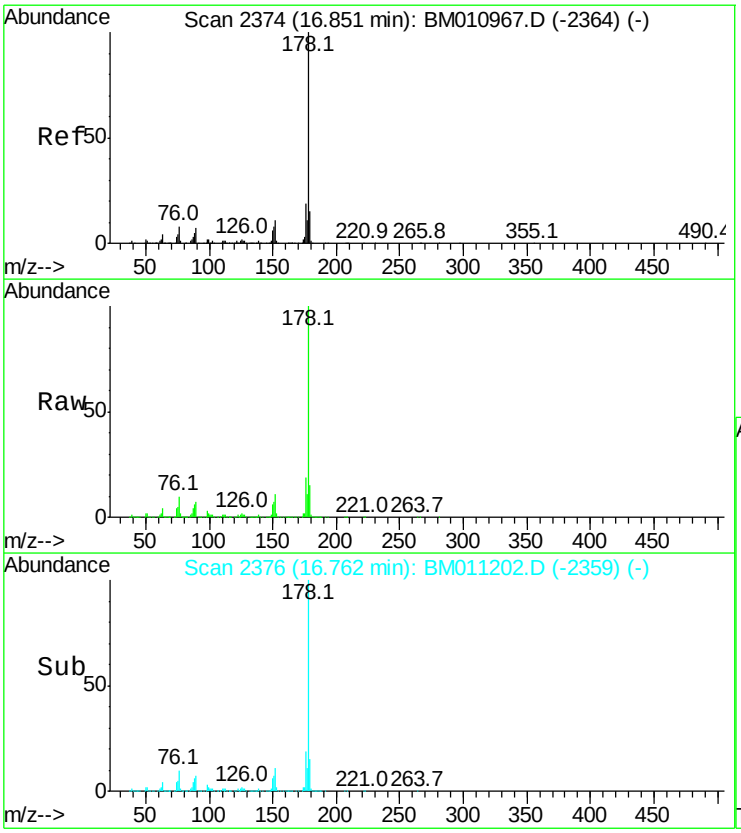
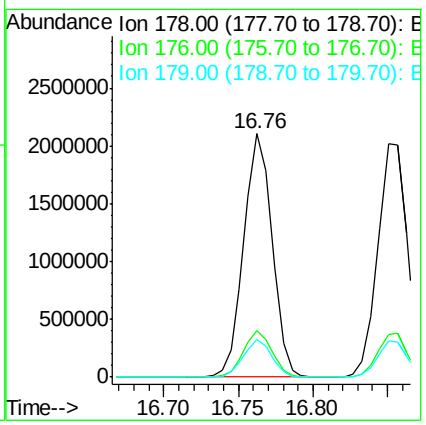
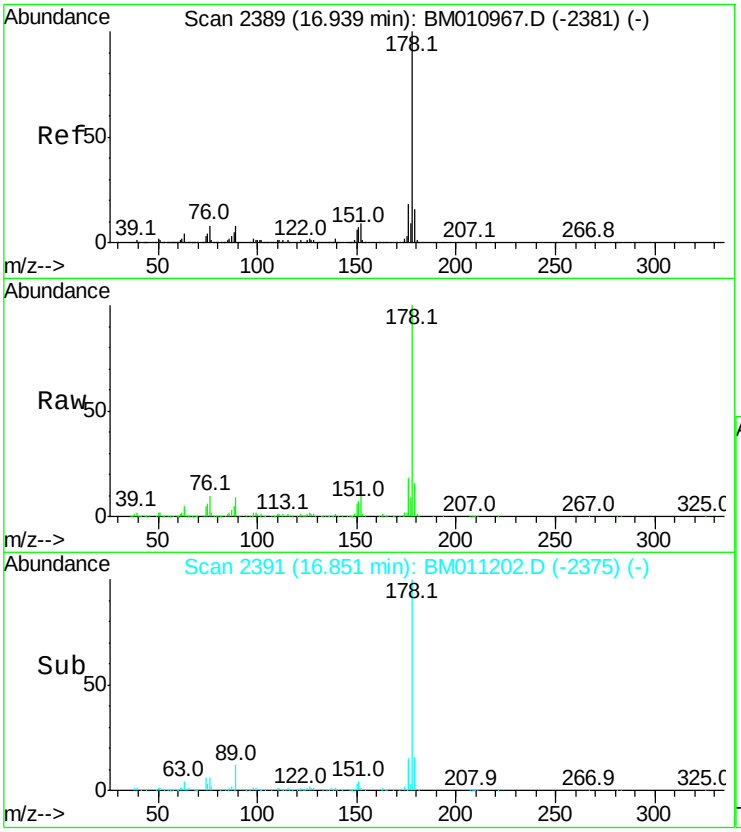


#70
Phenanthrene
Concen: 52.241 ng
RT: 16.76 min Scan# 2376
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:178 Resp: 2760375

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.2	22.8
179	15.3	12.1	18.1

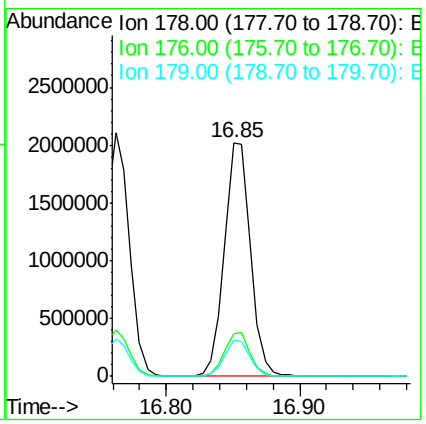




#71
Anthracene
Concen: 52.652 ng
RT: 16.85 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:178 Resp: 2774662

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	22.0
179	15.5	12.6	19.0



Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MS

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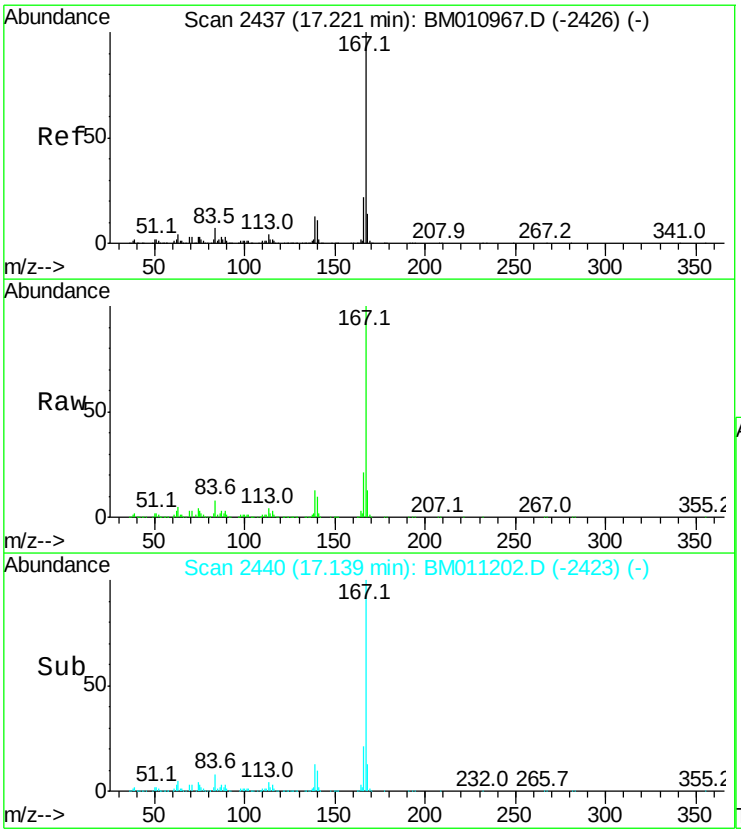
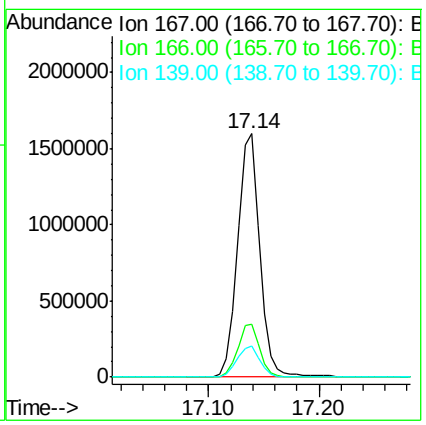
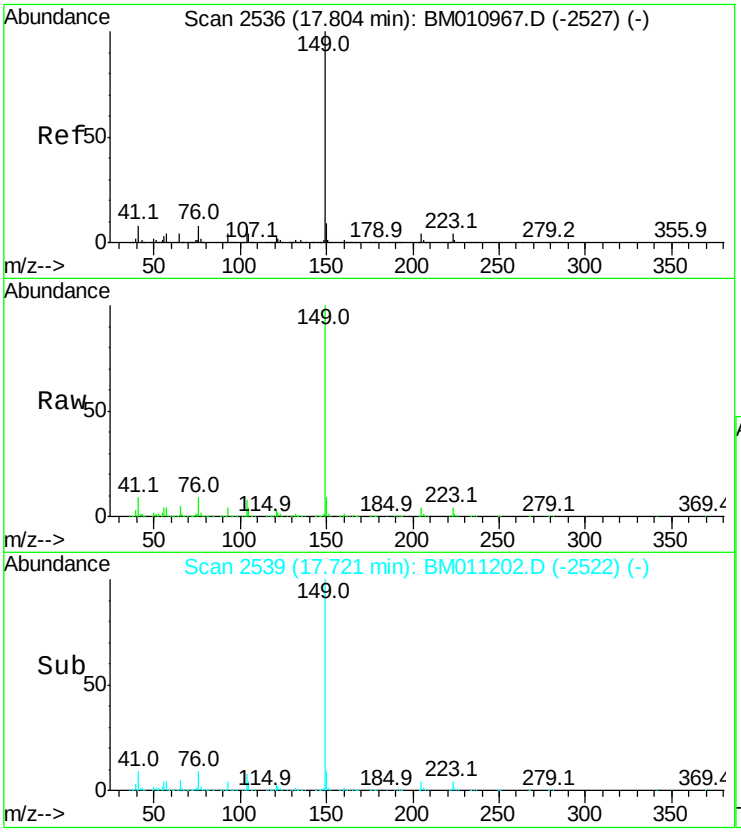


#72
Carbazole
Concen: 49.168 ng
RT: 17.14 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:167 Resp: 2265956

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	12.7	10.8	16.2





#73
Di-n-butylphthalate
Concen: 51.005 ng
RT: 17.72 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:149 Resp: 2862513

Ion	Ratio	Lower	Upper
149	100		
150	8.5	7.5	11.3
104	8.2	3.7	5.5#

Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MS

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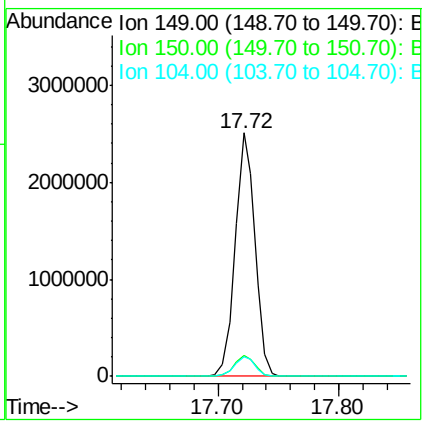
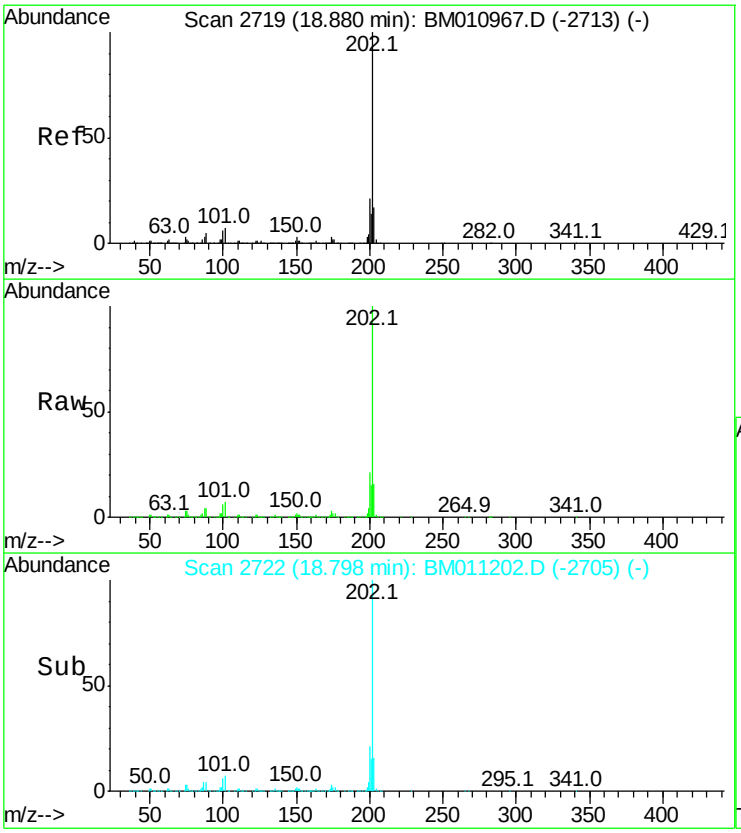
8/14/2017 6:56:58 PM

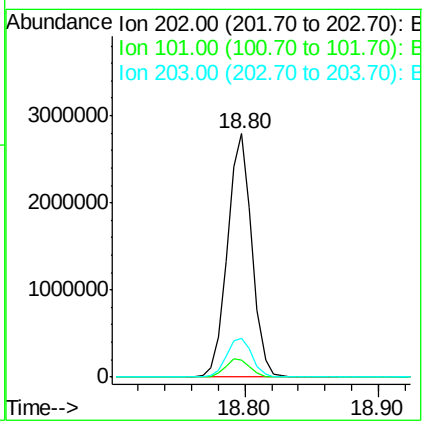


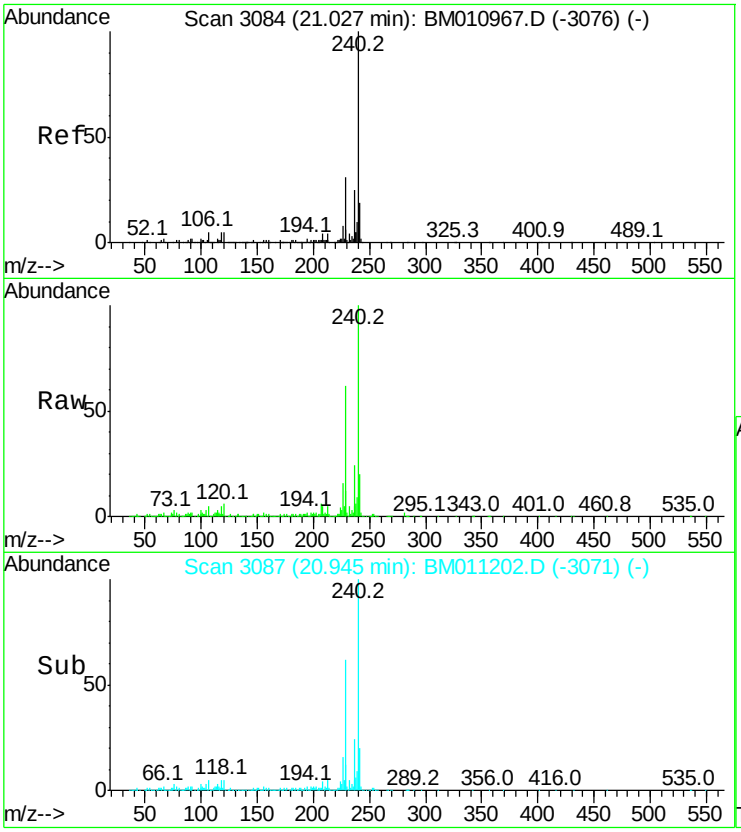


#74
Fluoranthene
Concen: 54.492 ng
RT: 18.80 min Scan# 2722
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:202 Resp: 3568212

Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	28.7
203	16.1	0.0	37.2

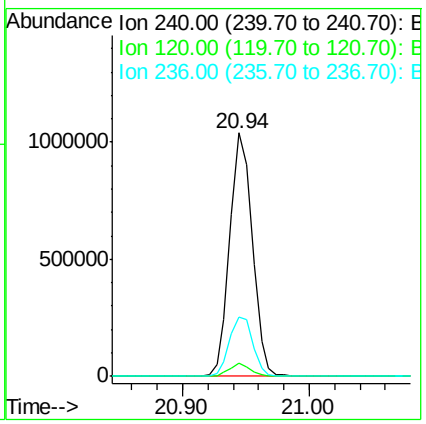




#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. -0.01 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:240 Resp: 1281401

Ion	Ratio	Lower	Upper
240	100		
120	5.5	8.2	12.2#
236	24.4	20.0	30.0



Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MS

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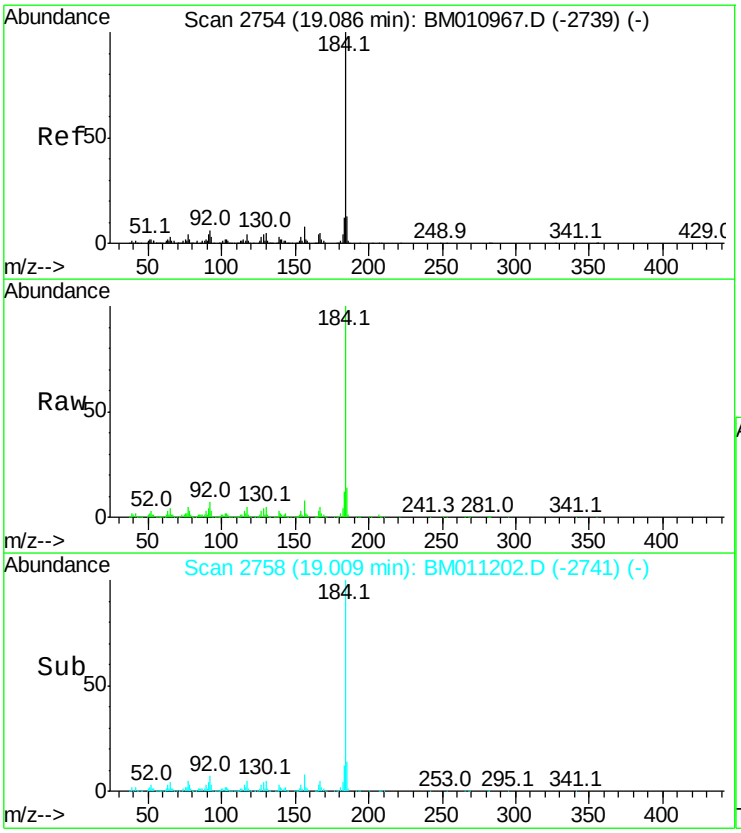
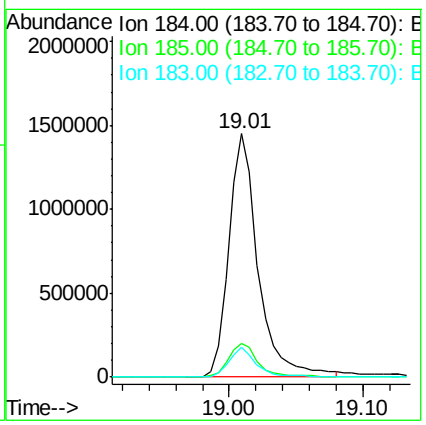
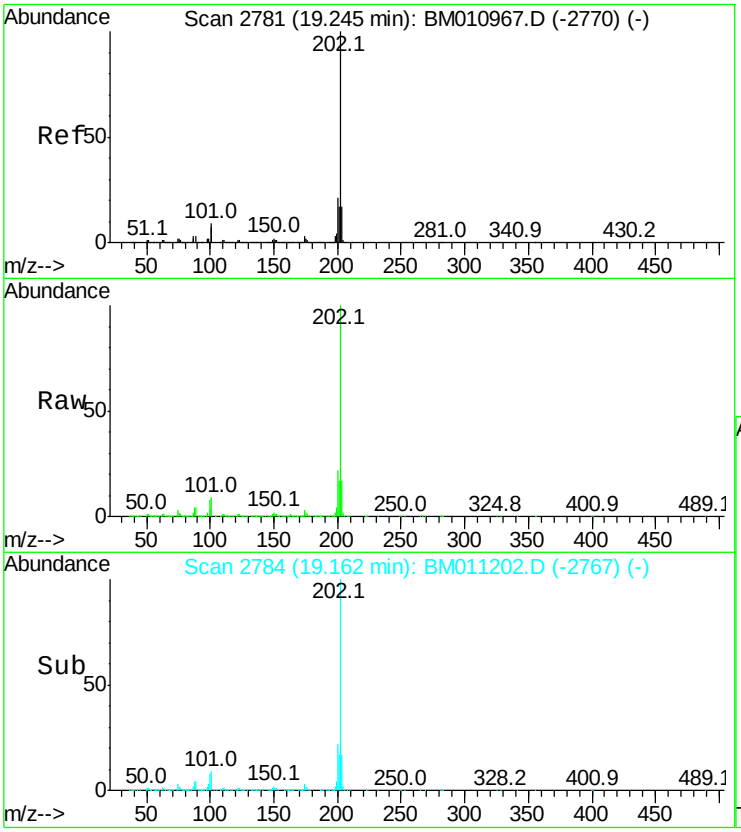


#76
Benzidine
Concen: 72.172 ng
RT: 19.01 min Scan# 2758
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:184 Resp: 2212407

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.3	16.9
183	12.4	8.9	13.3





#77
Pyrene
Concen: 47.621 ng
RT: 19.16 min Scan# 2784
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:202 Resp: 3625844

Ion	Ratio	Lower	Upper
202	100		
200	22.1	16.9	25.3
203	16.7	14.1	21.1

Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MS

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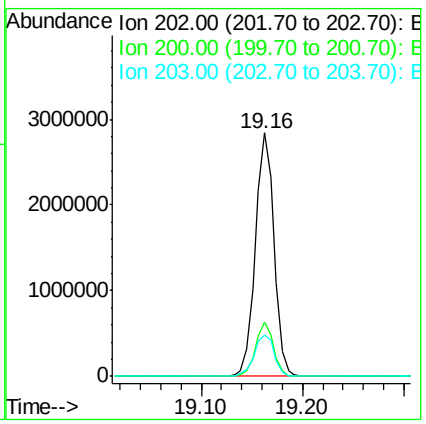
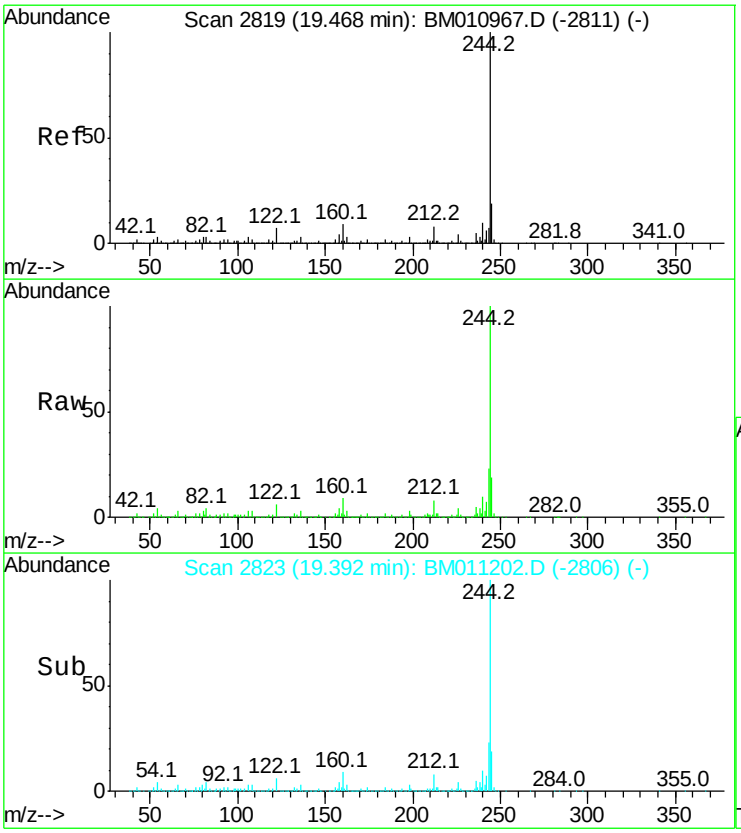
8/14/2017 6:56:58 PM

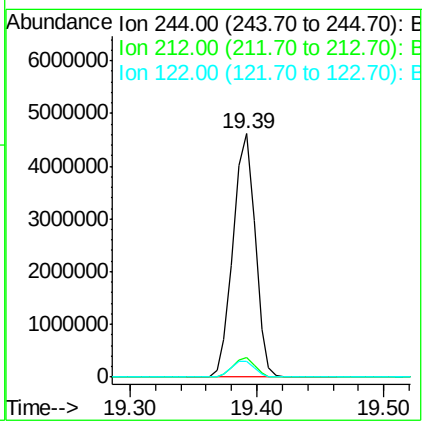


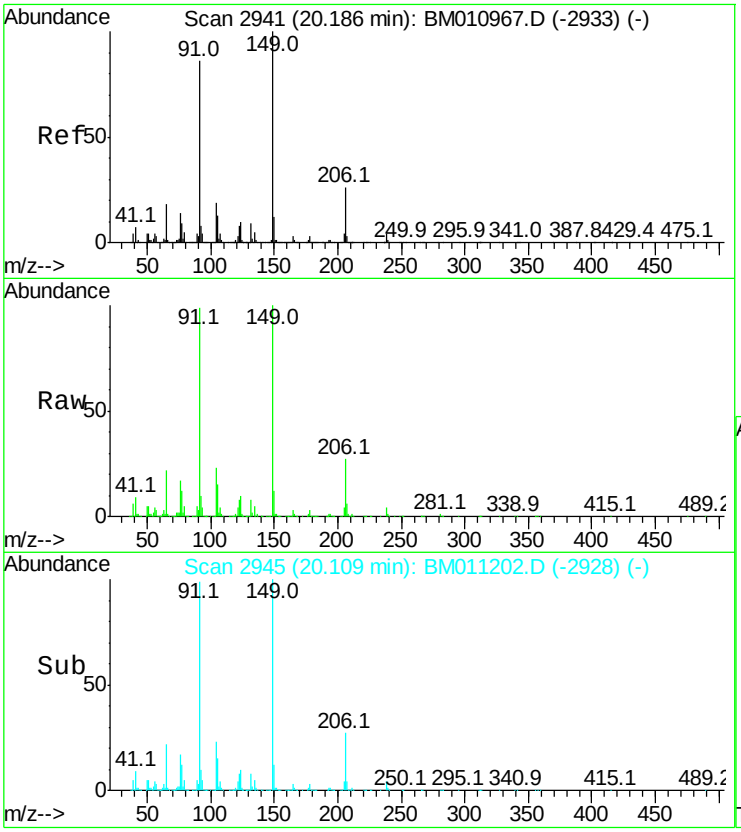


#78
Terphenyl-d14
Concen: 85.910 ng
RT: 19.39 min Scan# 2823
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:244 Resp: 5557394

Ion	Ratio	Lower	Upper
244	100		
212	8.3	4.9	7.3#
122	6.4	6.2	9.4





#79
Butylbenzylphthalate
Concen: 48.851 ng
RT: 20.11 min Scan# 2945
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:149 Resp: 1322638

Ion	Ratio	Lower	Upper
149	100		
91	98.9	50.1	75.1#
206	26.7	16.2	24.2#

Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MS

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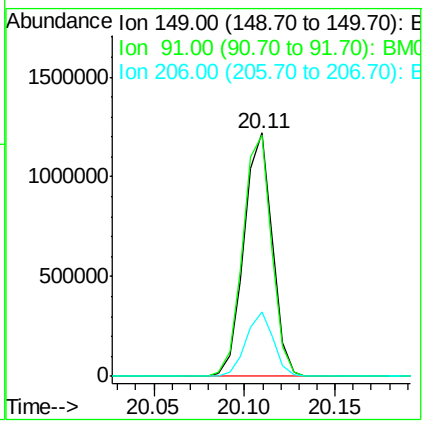
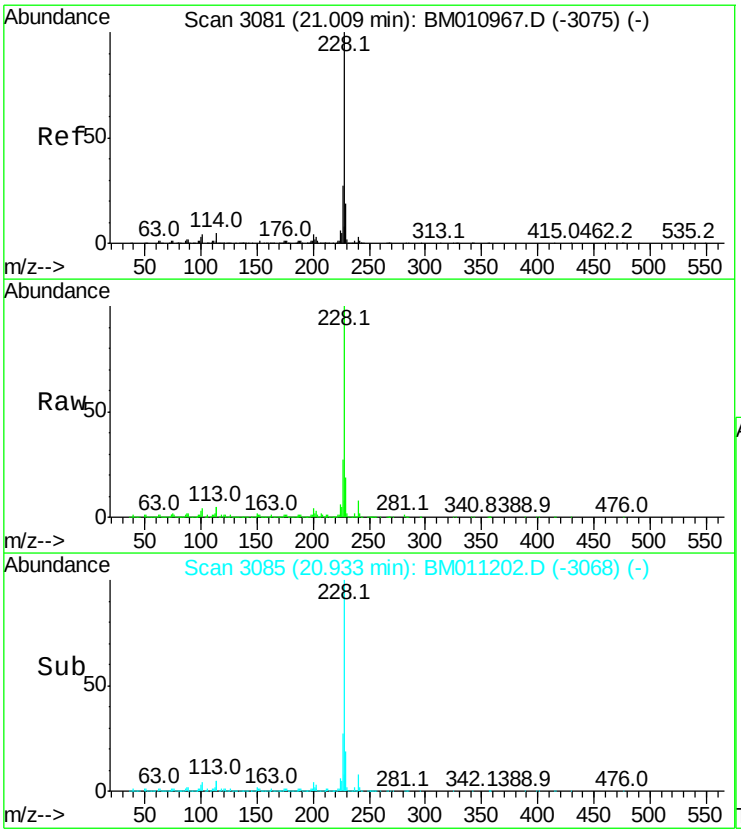
8/14/2017 6:56:58 PM

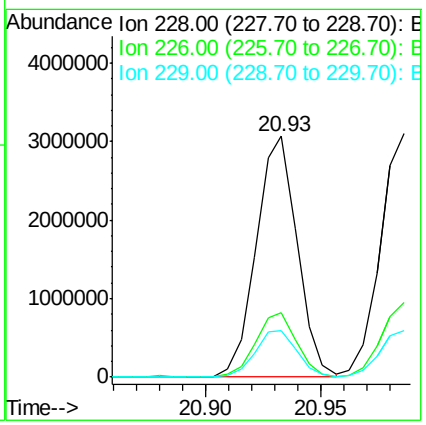


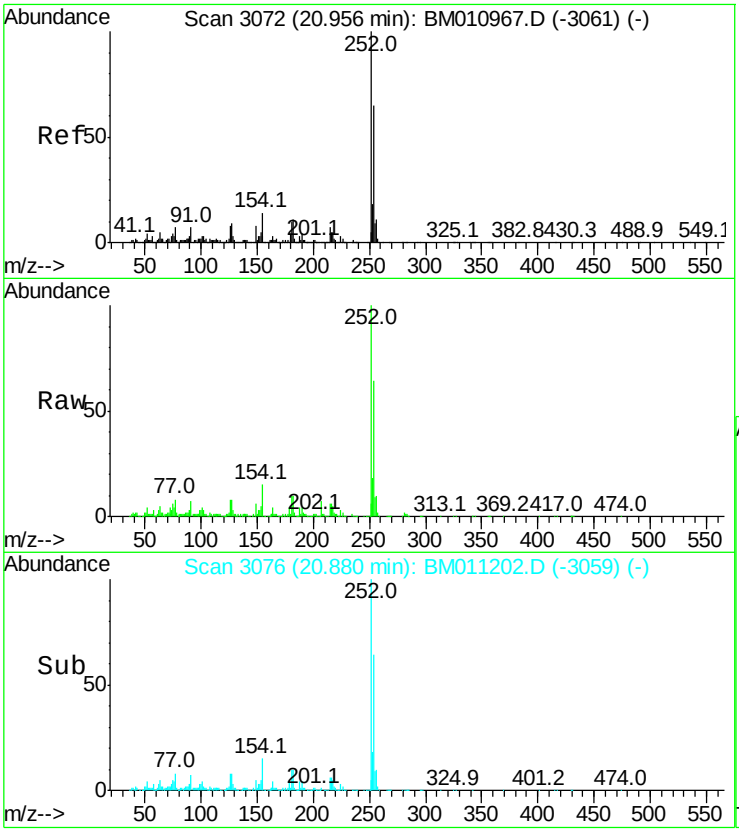


#80
Benzo(a)anthracene
Concen: 51.678 ng
RT: 20.93 min Scan# 3085
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:228 Resp: 3781156

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.7	32.5
229	19.2	16.0	24.0

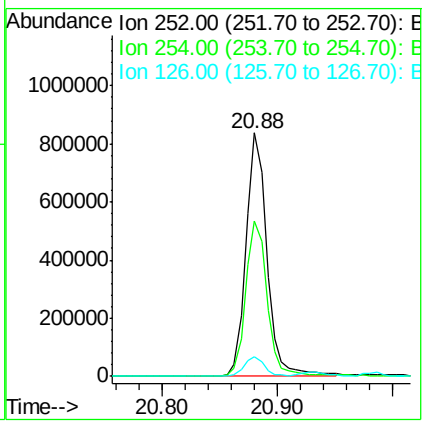




#81
3,3'-Dichlorobenzidine
Concen: 36.904 ng
RT: 20.88 min Scan# 3076
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:252 Resp: 1059277

Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.9	77.9
126	7.8	9.8	14.8#



Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MS

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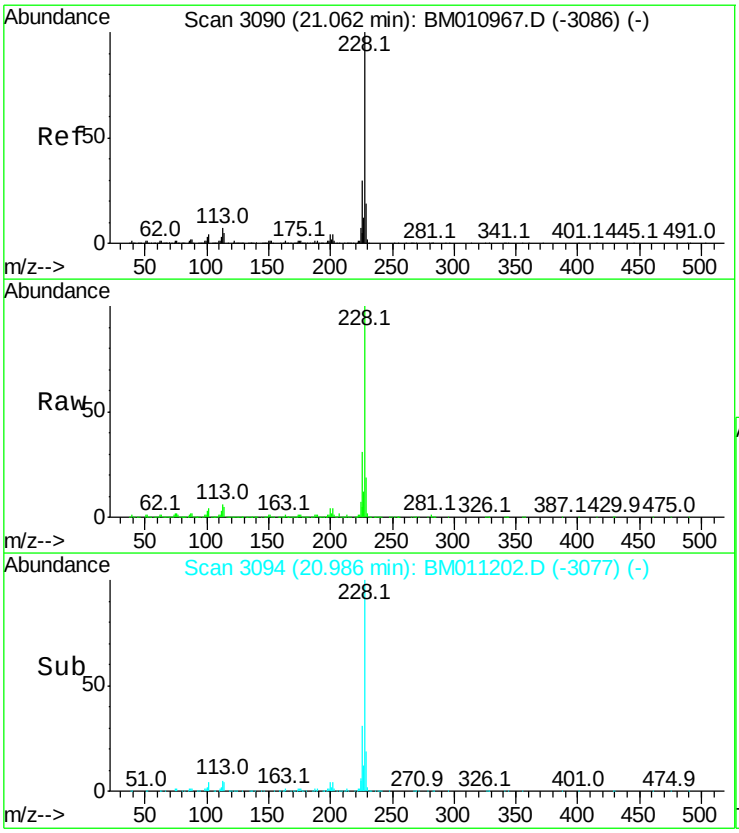
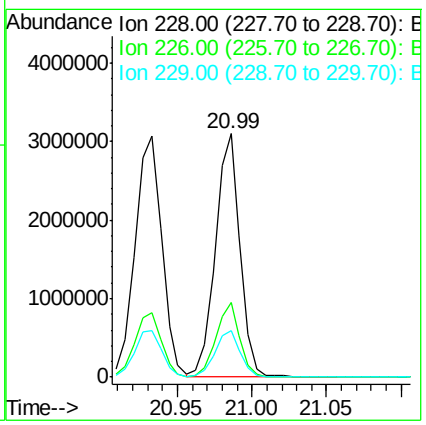
8/14/2017 6:56:58 PM

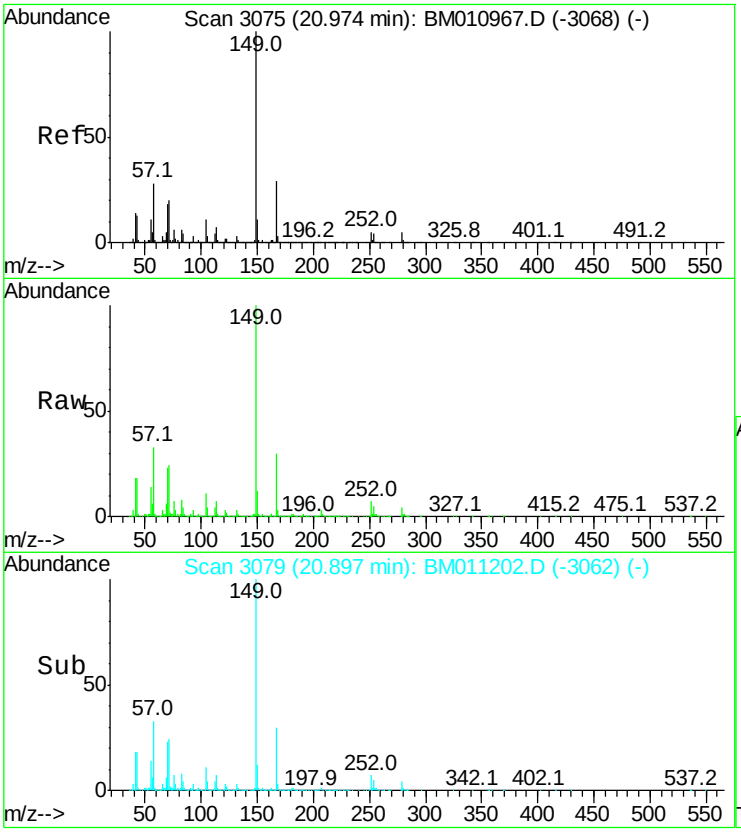


#82
Chrysene
Concen: 50.656 ng
RT: 20.99 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:228 Resp: 3557742

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.1	36.1
229	19.3	15.5	23.3





#83
Bis(2-ethylhexyl)phthalate
Concen: 47.662 ng
RT: 20.90 min Scan# 3079
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:149 Resp: 1898417

Ion	Ratio	Lower	Upper
149	100		
167	29.7	22.4	33.6
279	4.3	3.4	5.0

Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MS

Manual Integrations APPROVED
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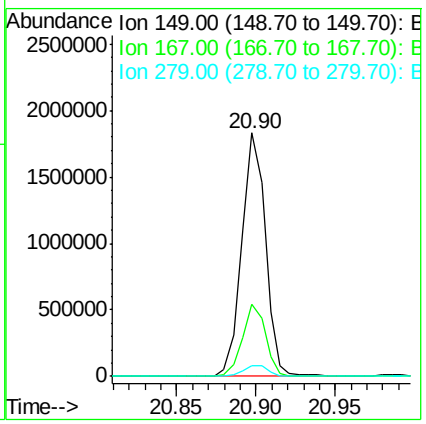
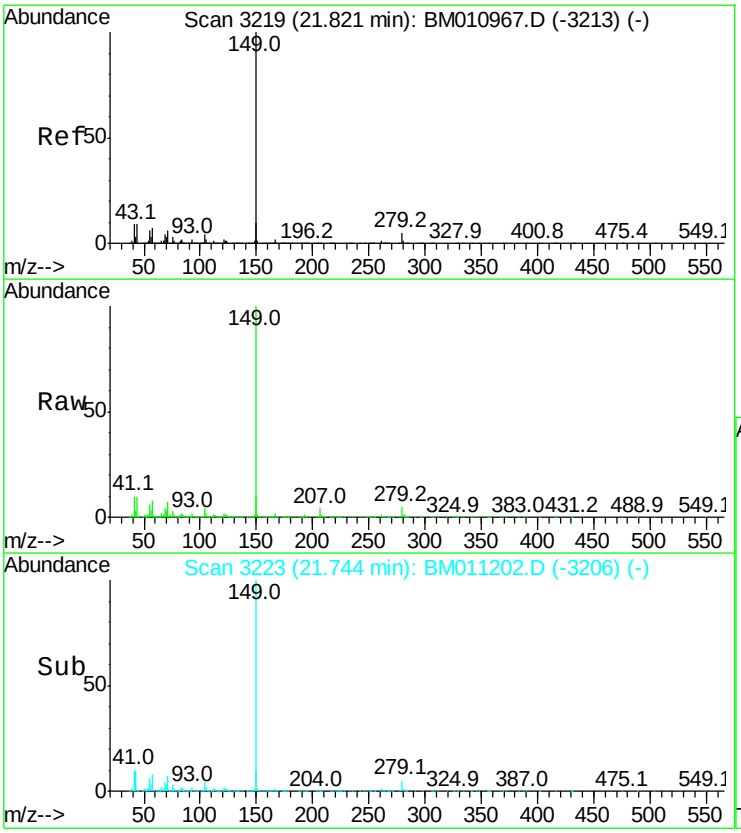
8/14/2017 6:56:58 PM

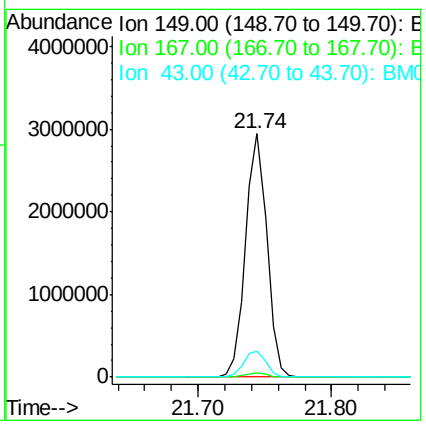


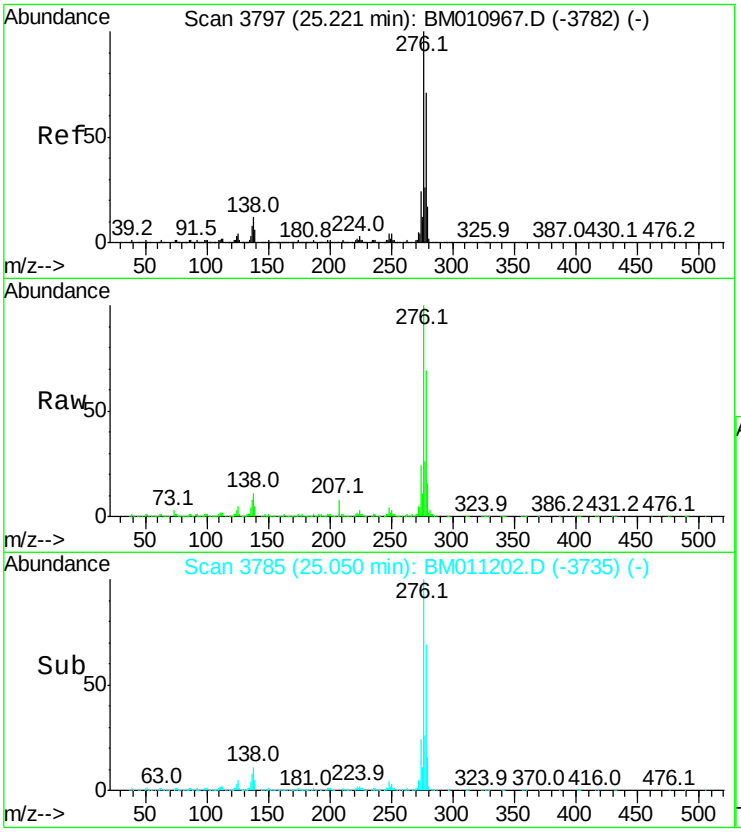


#84
Di-n-octyl phthalate
Concen: 49.722 ng
RT: 21.74 min Scan# 3223
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:149 Resp: 3214273

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.0	7.3	10.9#

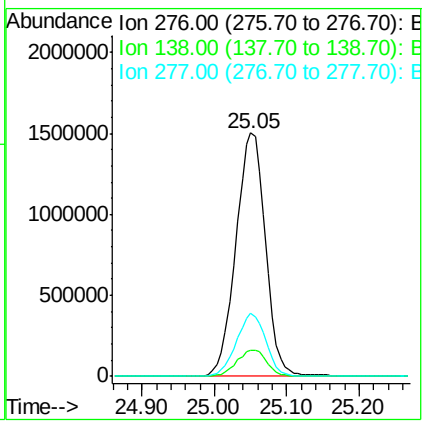




#85
Indeno(1,2,3-cd)pyrene
Concen: 58.569 ng
RT: 25.05 min Scan# 3785
Delta R.T. -0.01 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:276 Resp: 4260182

Ion	Ratio	Lower	Upper
276	100		
138	11.0	12.0	18.0#
277	25.8	20.0	30.0



Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MS

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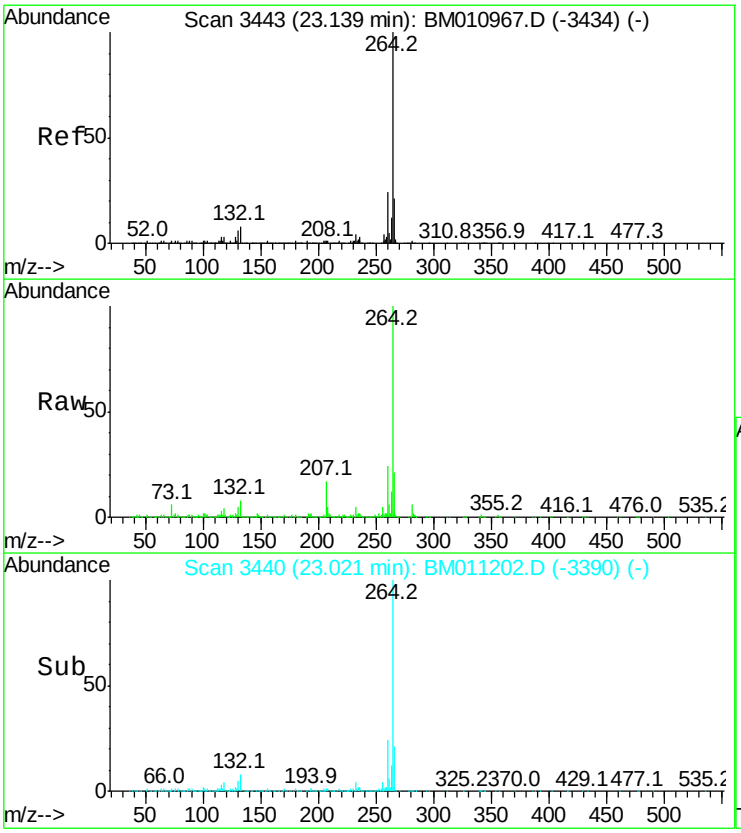
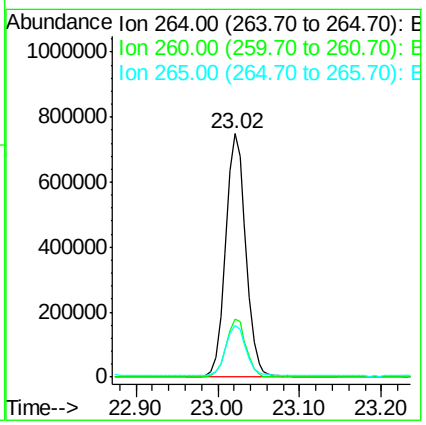
8/14/2017 6:56:58 PM

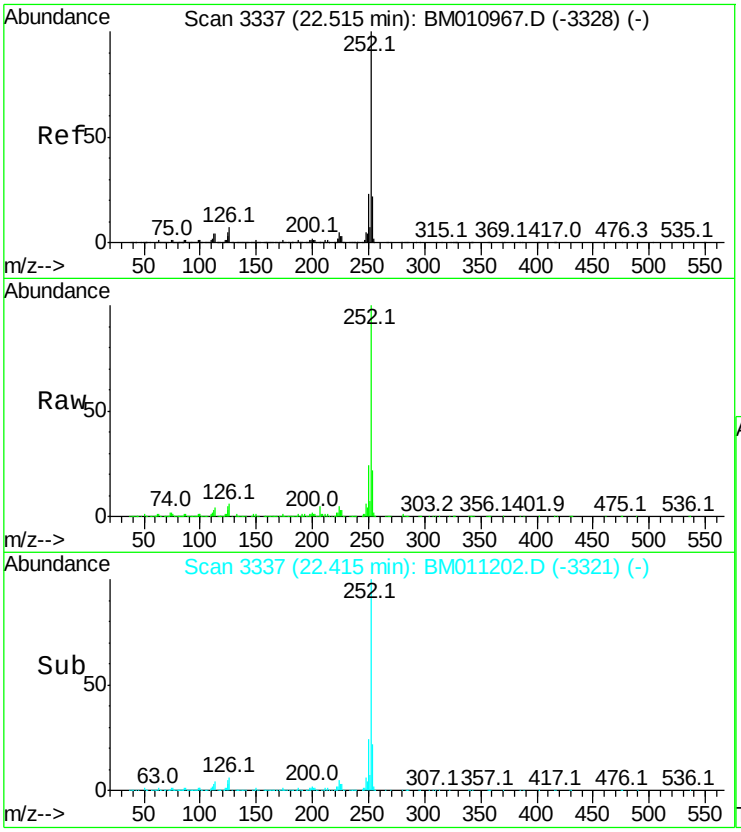


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.02 min Scan# 3440
Delta R.T. -0.01 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:264 Resp: 1285608

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	21.3	17.3	25.9





#87
Benzo(b)fluoranthene
Concen: 49.683 ng
RT: 22.42 min Scan# 3337
Delta R.T. -0.01 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:252 Resp: 4099476

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	4.6	9.9	14.9#

Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MS

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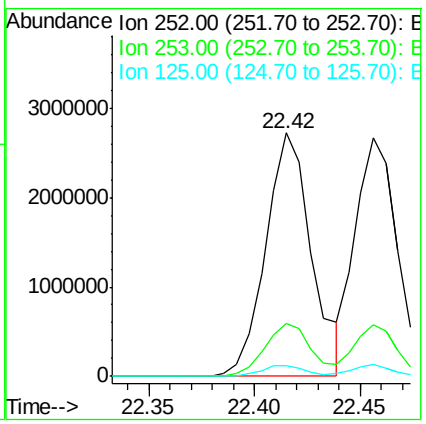
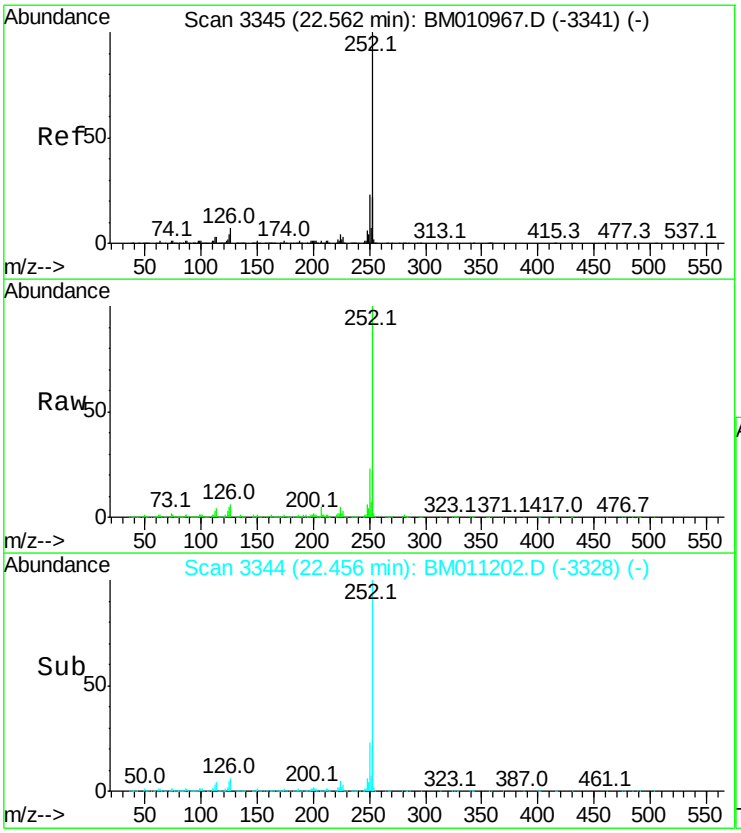
8/14/2017 6:56:58 PM

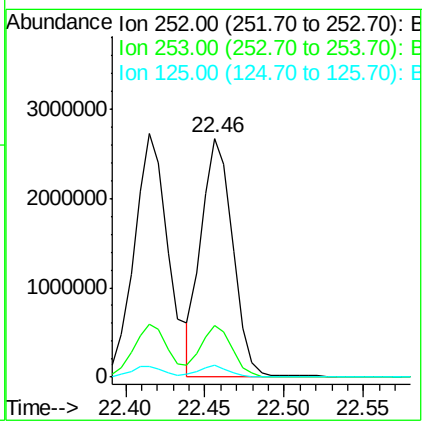


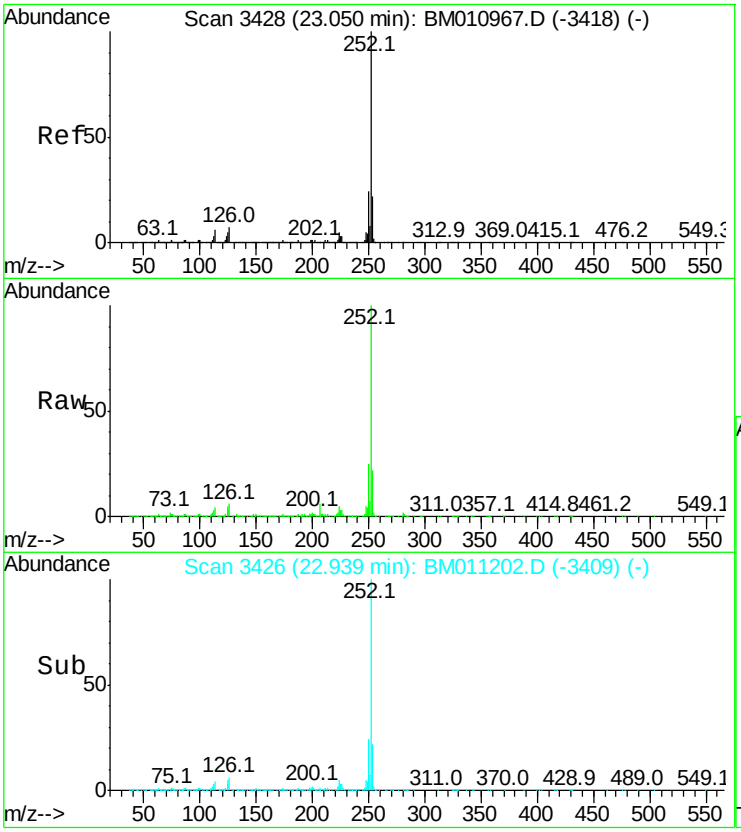


#88
Benzo(k)fluoranthene
Concen: 46.659 ng
RT: 22.46 min Scan# 3344
Delta R.T. -0.01 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:252 Resp: 3689998

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	4.7	8.1	12.1#

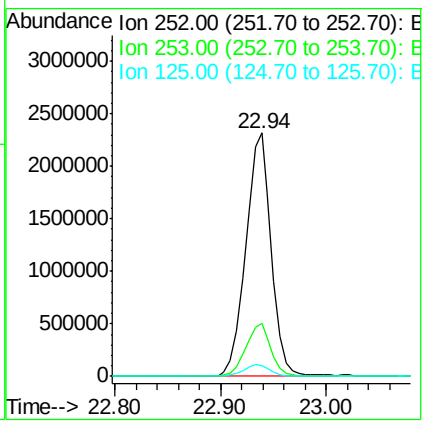




#89
Benzo(a)pyrene
Concen: 51.636 ng
RT: 22.94 min Scan# 3426
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:252 Resp: 3855305

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	4.6	7.4	11.2#



Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MS

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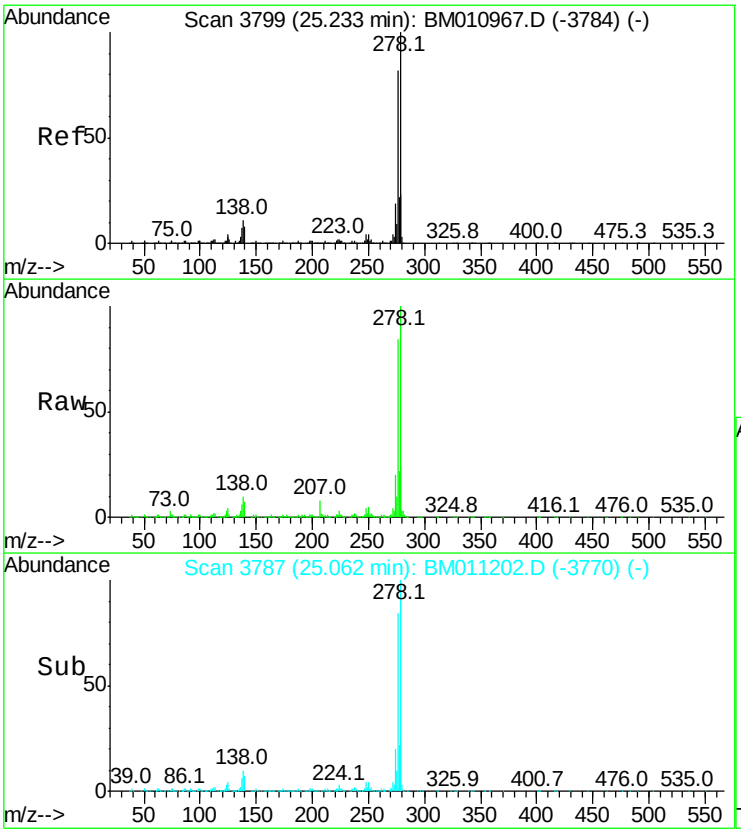
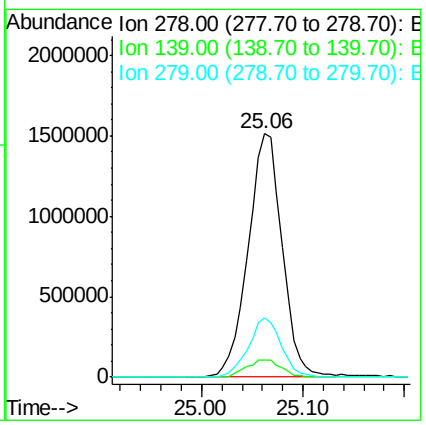
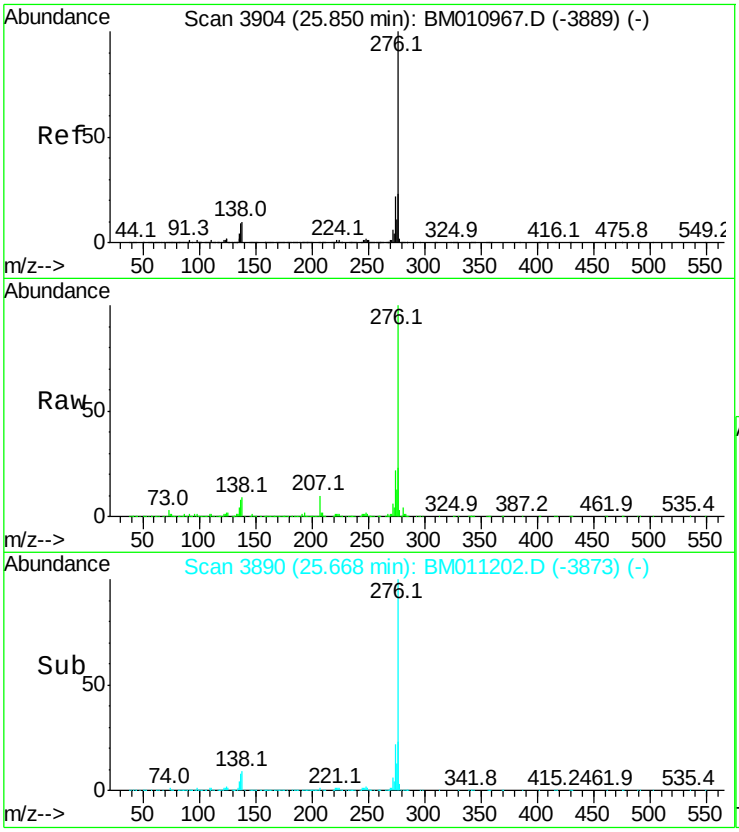


#90
Dibenzo(a,h)anthracene
Concen: 50.990 ng
RT: 25.06 min Scan# 3787
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:278 Resp: 3529247

Ion	Ratio	Lower	Upper
278	100		
139	7.3	13.4	20.0#
279	24.1	19.0	28.4

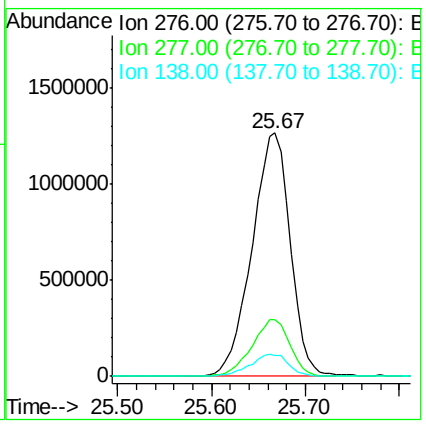




#91
Benzo(g,h,i)perylene
Concen: 52.289 ng
RT: 25.67 min Scan# 3890
Delta R.T. 0.00 min
Lab File: BM011202.D
Acq: 11 Aug 2017 15:40

Tgt Ion:276 Resp: 3553877

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.5	27.7
138	8.6	19.0	28.6#



Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MS

Manual Integrations APPROVED
sohil
8/14/2017 6:56:58 PM