Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101419\
Data File : BM023151.D
Acq On : 14 Oct 2019 18:52
Operator : JU
Sample : SSTD04004
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 15 01:51:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 15 01:46:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	272952	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1196086	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	793568	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.08	188	1737593	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	1963290	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	2331054	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	101308	16.05	ng/uL	0.00
5) Phenol-d5	6.86	99	986278	40.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	555494	42.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	749715	38.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	791188	40.07	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	345384	37.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	335132	33.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	821739	40.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	1030798	42.28	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	2511130	40.77	ng/ul	0.00
47) Acenaphthylene-d8	14.03	160	2927586	41.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	407496	33.49	ng/ul	0.00
58) Fluorene-d10	15.33	176	2125801	40.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.44	200	285989	25.29	ng/ul	0.00
71) Anthracene-d10	17.18	188	3409753	40.18	ng/ul	0.00
79) Pyrene-d10	19.47	212	3937295	37.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	4919277	40.79	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	103858	16.635	ng/uL#	87
4) Benzaldehyde	6.83	77	696340	63.711	ng/ul	99
6) Phenol	6.89	94	1013403	40.083	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.12	93	749005	39.172	ng/ul	99
10) 2-Chlorophenol	7.26	128	781836	37.530	ng/ul	99
11) 2-Methylphenol	8.13	108	779064	39.981	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.23	45	1101367	43.563	ng/ul	99
14) Acetophenone	8.51	105	1236181	40.953	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.50	70	675013	43.539	ng/ul	100
16) 4-Methylphenol	8.46	108	849960	39.449	ng/ul	100
17) Hexachloroethane	8.77	117	306540	38.720	ng/ul	99
20) Nitrobenzene	8.88	77	902214	41.869	ng/ul	97
21) Isophorone	9.41	82	1904877	44.873	ng/ul	99
23) 2-Nitrophenol	9.59	139	389778	33.810	ng/ul	98
24) 2,4-Dimethylphenol	9.66	107	977129	43.532	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.90	93	1063474	39.279	ng/ul	99
27) 2,4-Dichlorophenol	10.12	162	800081	39.387	ng/ul	97
28) Naphthalene	10.53	128	2507902	38.825	ng/ul	99
30) 4-Chloroaniline	10.63	127	1072372	41.760	ng/ul	98
31) Hexachlorobutadiene	10.83	225	520784	42.373	ng/ul	99
32) Caprolactam	11.38	113	157283	23.914	ng/ul	99
33) 4-Chloro-3-methylphenol	11.76	107	913418	43.676	ng/ul	99
34) 2-Methylnaphthalene	12.15	142	1883560	38.891	ng/ul	100

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101419\
Data File : BM023151.D
Acq On : 14 Oct 2019 18:52
Operator : JU
Sample : SSTD04004
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 15 01:51:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 15 01:46:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.37	142	1817214	39.286 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.52	216	1058926	40.671 ng/ul	99
38) Hexachlorocyclopentadiene	12.51	237	636897	39.029 ng/ul	98
39) 2,4,6-Trichlorophenol	12.76	196	666992	38.625 ng/ul	98
40) 2,4,5-Trichlorophenol	12.83	196	721462	38.307 ng/ul	98
41) 1,1'-Biphenyl	13.17	154	2461791	37.887 ng/ul	100
42) 2-Chloronaphthalene	13.20	162	1914699	38.544 ng/ul	99
43) 2-Nitroaniline	13.40	65	503218	39.062 ng/ul	94
45) Dimethylphthalate	13.80	163	2496001	39.451 ng/ul	100
46) 2,6-Dinitrotoluene	13.91	165	440002	34.879 ng/ul	97
48) Acenaphthylene	14.06	152	2997196	39.045 ng/ul	99
49) 3-Nitroaniline	14.23	138	453061	37.025 ng/ul	97
50) Acenaphthene	14.40	153	2076370	38.828 ng/ul	99
51) 2,4-Dinitrophenol	14.43	184	170677	21.199 ng/ul	99
53) 4-Nitrophenol	14.54	109	371902	41.816 ng/ul	96
54) Dibenzofuran	14.74	168	2975401	38.958 ng/ul	99
55) 2,4-Dinitrotoluene	14.69	165	675412	36.288 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.96	232	632390	38.164 ng/ul	98
57) Diethylphthalate	15.18	149	2549320	40.135 ng/ul	99
59) Fluorene	15.39	166	2418036	39.178 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.39	204	1276643	40.807 ng/ul	99
61) 4-Nitroaniline	15.40	138	534893	38.695 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.46	198	336213	26.587 ng/ul#	94
65) N-Nitrosodiphenylamine	15.60	169	2188363	38.317 ng/ul	98
66) 4-Bromophenyl-phenylether	16.28	248	871422	41.572 ng/ul	98
67) Hexachlorobenzene	16.39	284	986154	42.195 ng/ul	99
68) Atrazine	16.56	200	849716	40.695 ng/ul	99
69) Pentachlorophenol	16.73	266	542446	35.776 ng/ul	99
70) Phenanthrene	17.12	178	4005802	38.628 ng/ul	99
72) Anthracene	17.22	178	4138571	39.166 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.13	216	1028400	37.925 ng/uL	99
74) Pentachlorobenzene	14.66	250	1081649	39.962 ng/uL	98
75) Carbazole	17.48	167	3766841	40.110 ng/ul	100
76) Di-n-butylphthalate	18.07	149	4406263	39.795 ng/ul	99
77) Fluoranthene	19.14	202	4995559	42.831 ng/ul	100
80) Pyrene	19.50	202	5078418	36.490 ng/ul	100
81) Butylbenzylphthalate	20.43	149	1903009	33.248 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.19	252	2108187	47.138 ng/ul	99
83) Benzo(a)anthracene	21.26	228	5444533	38.626 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.23	149	2862677	35.200 ng/ul	99
85) Chrysene	21.31	228	5025116	38.667 ng/ul	99
87) Di-n-octyl phthalate	22.11	149	5156233	32.525 ng/ul	100
88) Benzo(b)fluoranthene	22.83	252	5998295	38.775 ng/ul	100
89) Benzo(k)fluoranthene	22.88	252	5525543	37.335 ng/ul	99
91) Benzo(a)pyrene	23.40	252	5645139	38.897 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.73	276	6683744	43.358 ng/ul	100
93) Dibenzo(a,h)anthracene	25.75	278	5590123	43.349 ng/ul	99
94) Benzo(g,h,i)perylene	26.41	276	5455026	43.862 ng/ul	99

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101419\
Data File : BM023151.D
Acq On : 14 Oct 2019 18:52
Operator : JU
Sample : SSTD04004
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 15 01:51:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 15 01:46:36 2019
Response via : Initial Calibration

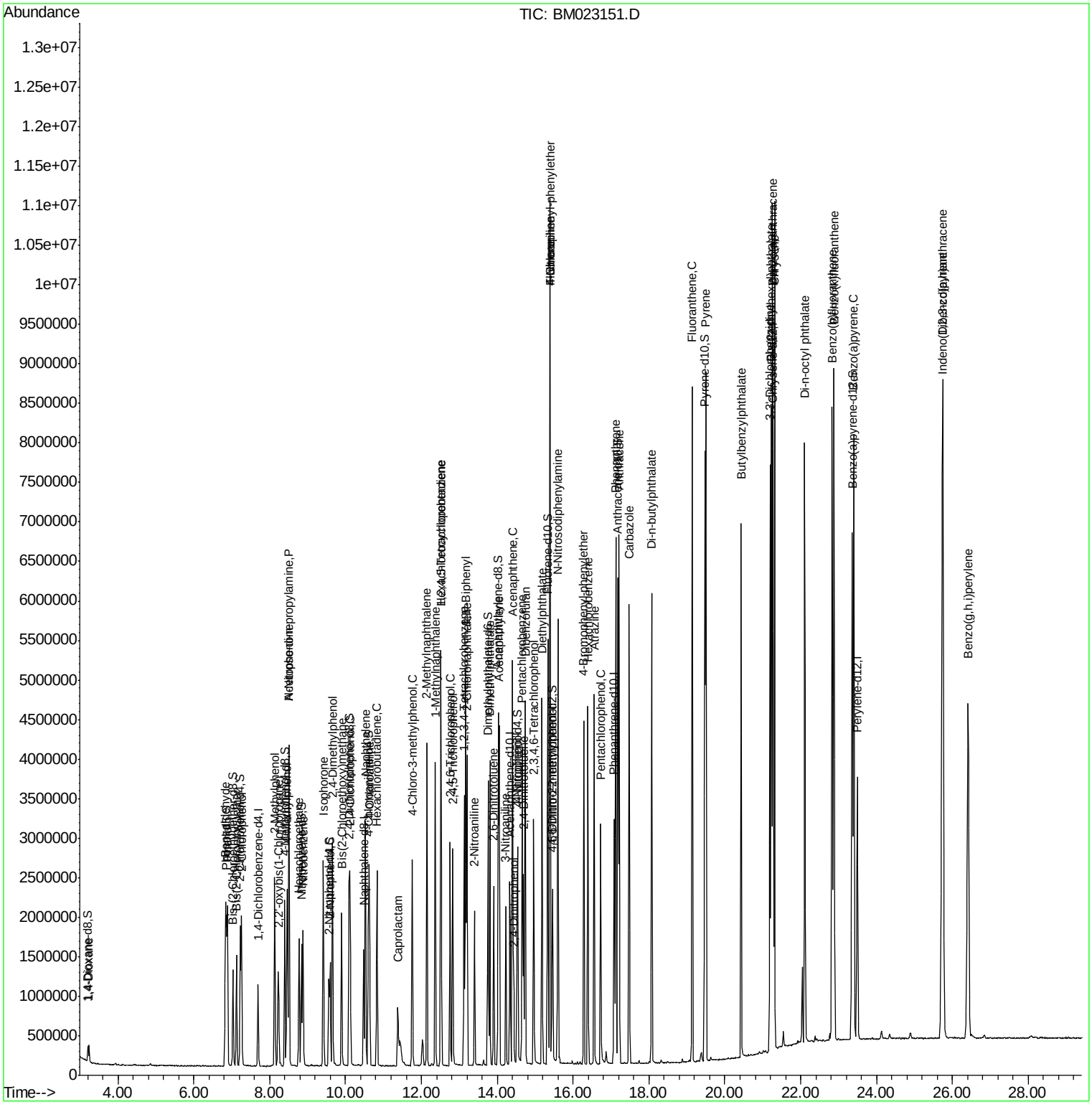
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

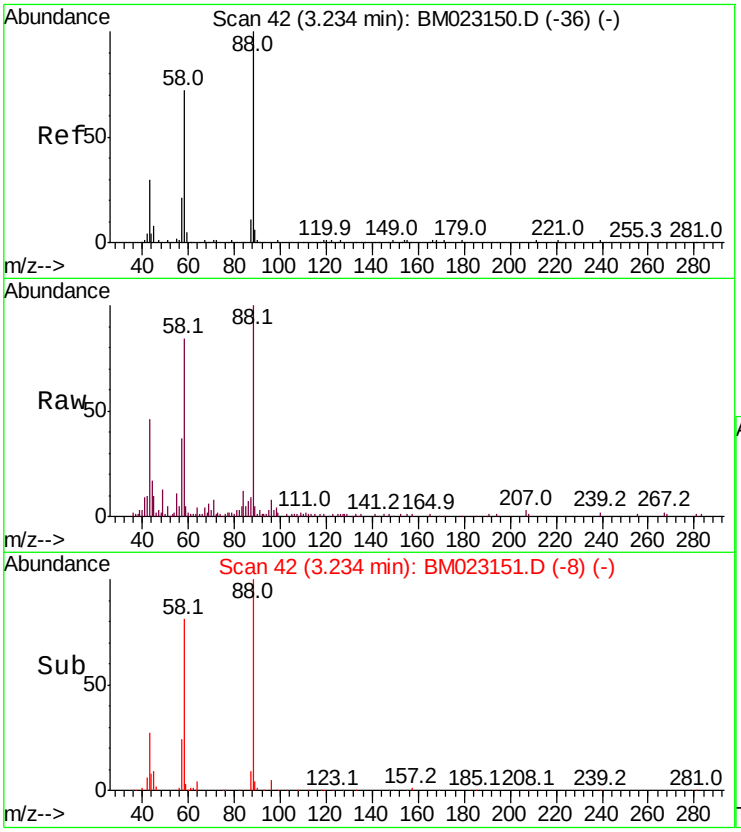
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101419\
Data File : BM023151.D
Acq On : 14 Oct 2019 18:52
Operator : JU
Sample : SSTD04004
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 15 01:51:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 15 01:46:36 2019
Response via : Initial Calibration



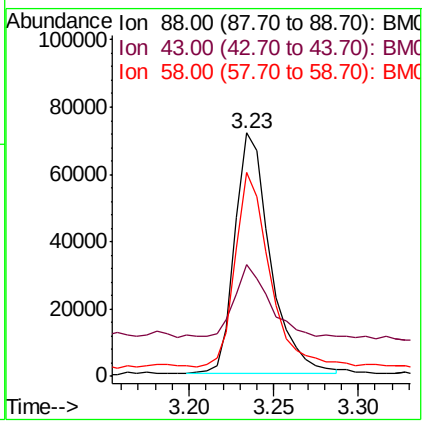


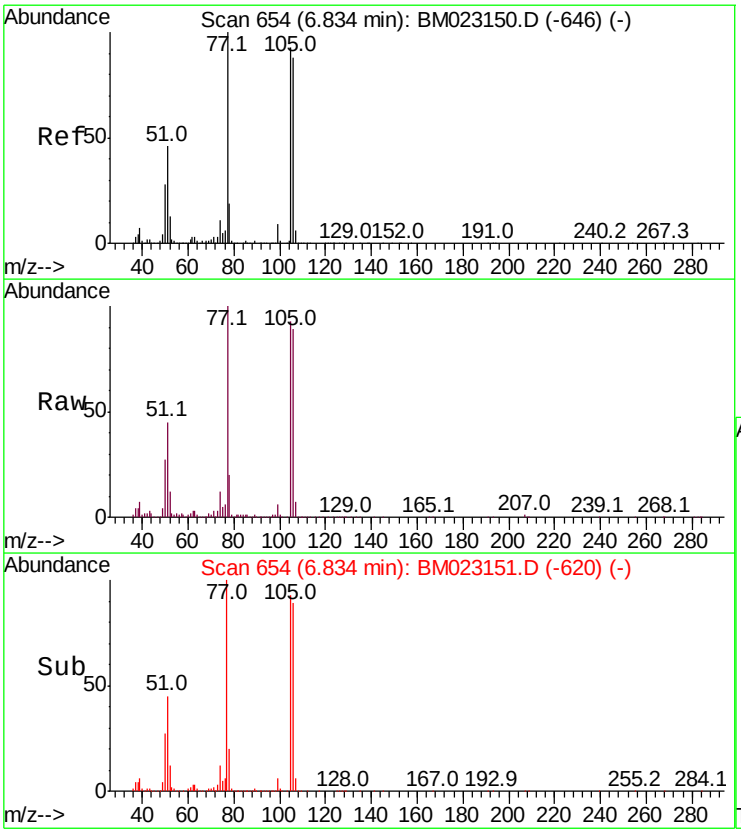
#2
1,4-Dioxane
Concen: 16.635 ng/uL
RT: 3.23 min Scan# 42
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 103858

Ion	Ratio	Lower	Upper
88	100		
43	46.1	52.2	78.4#
58	83.5	63.8	95.8

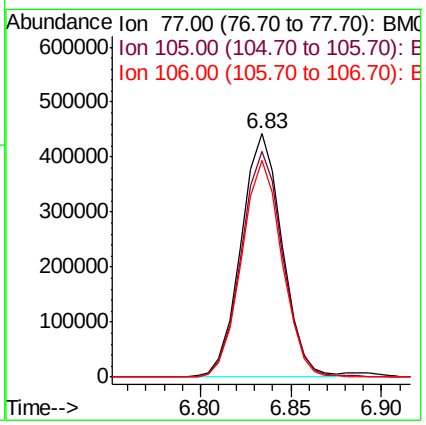


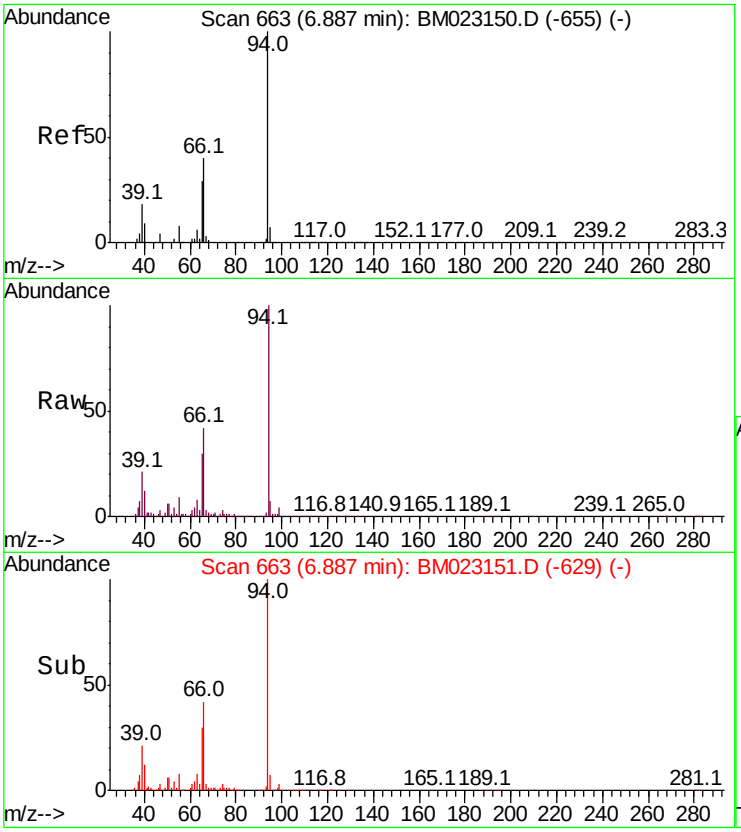


#4
Benzaldehyde
Concen: 63.711 ng/ul
RT: 6.83 min Scan# 654
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Tgt Ion: 77 Resp: 696340

Ion	Ratio	Lower	Upper
77	100		
105	92.8	74.6	111.8
106	89.0	70.2	105.2



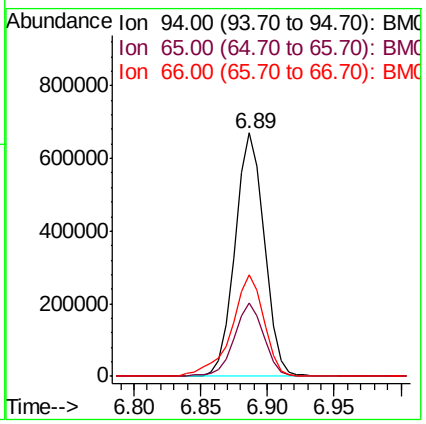


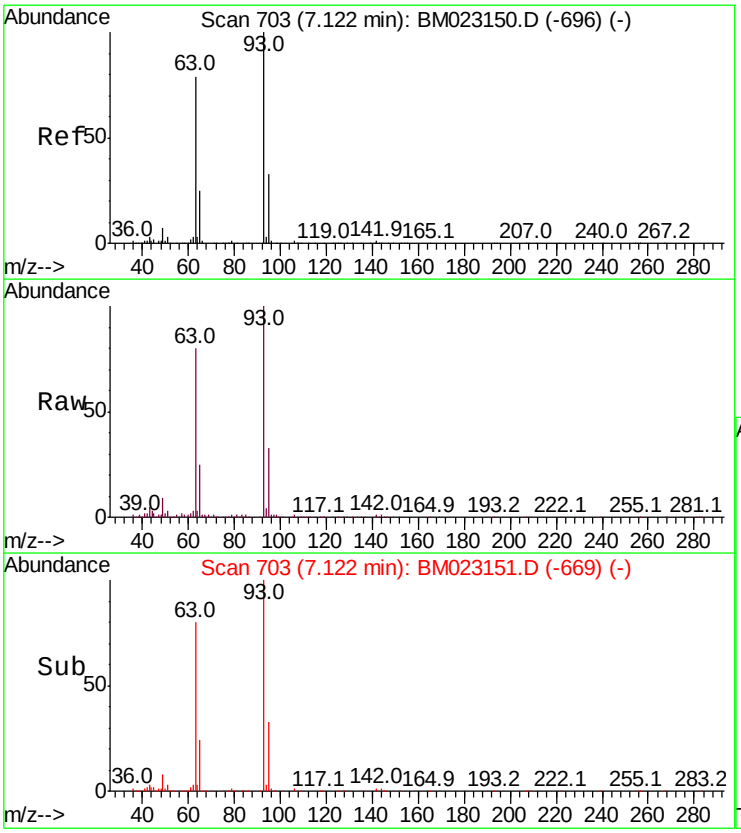
#6
Phenol
Concen: 40.083 ng/ul
RT: 6.89 min Scan# 663
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 1013403

Ion	Ratio	Lower	Upper
94	100		
65	30.1	23.7	35.5
66	41.8	32.9	49.3

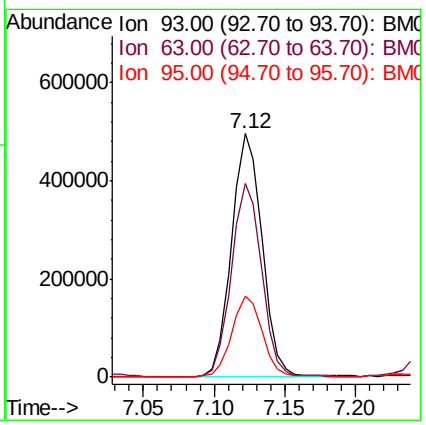


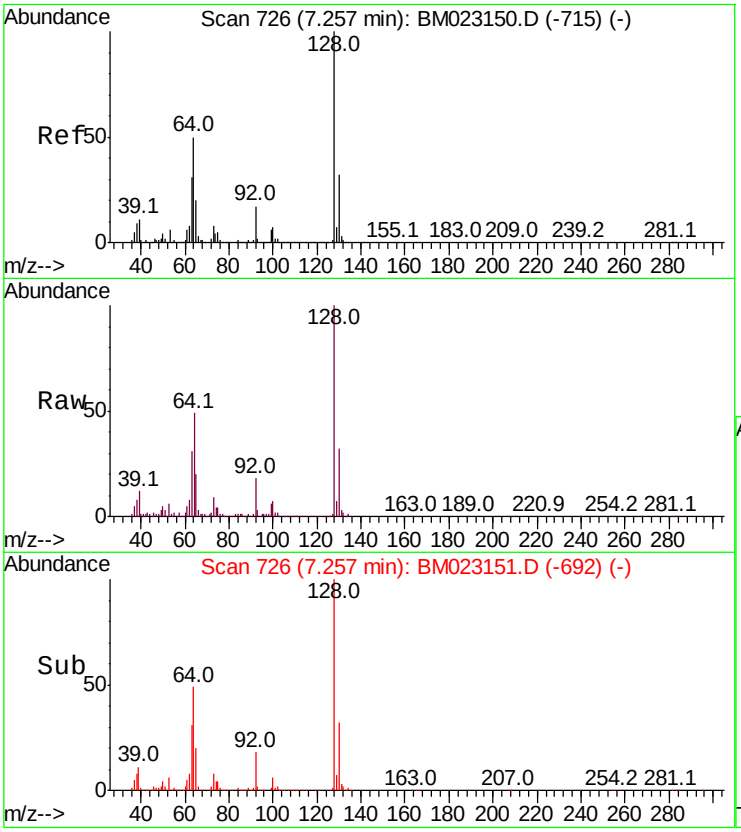


#8
Bis(2-Chloroethyl)ether
Concen: 39.172 ng/ul
RT: 7.12 min Scan# 703
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Tgt Ion: 93 Resp: 749005

Ion	Ratio	Lower	Upper
93	100		
63	79.6	63.0	94.4
95	33.3	26.8	40.2



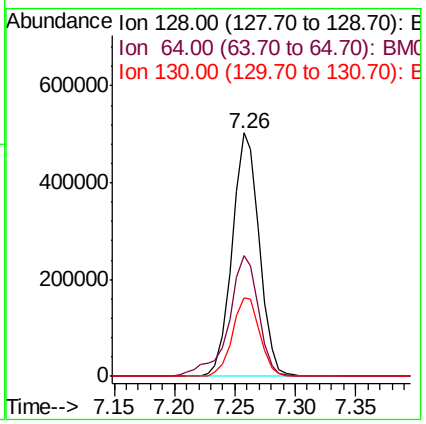


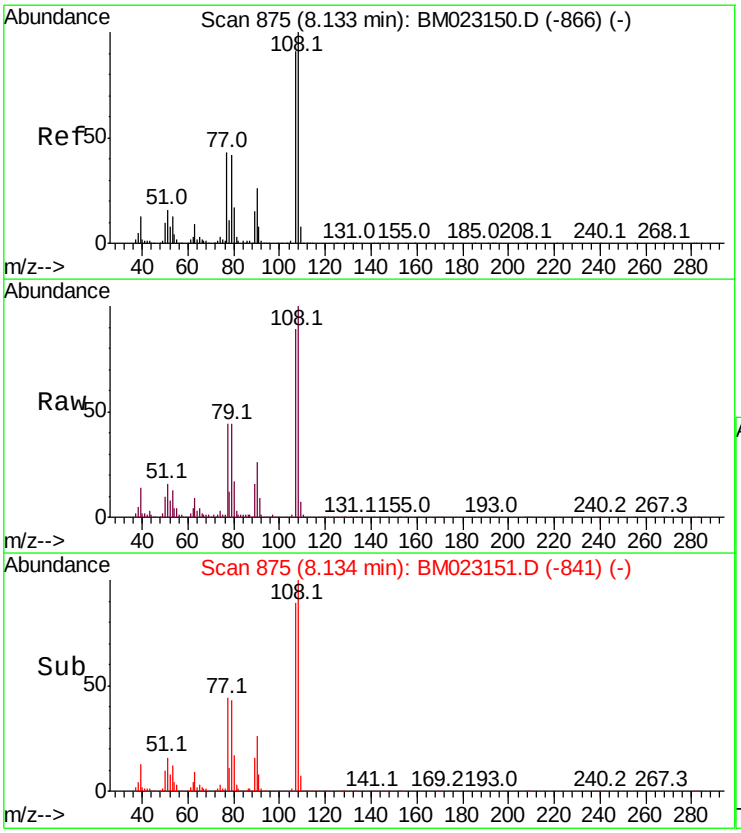
#10
2-Chlorophenol
Concen: 37.530 ng/ul
RT: 7.26 min Scan# 726
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 781836

Ion	Ratio	Lower	Upper
128	100		
64	49.4	40.3	60.5
130	32.2	25.6	38.4

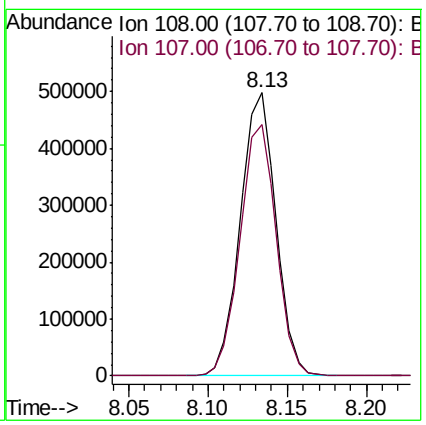


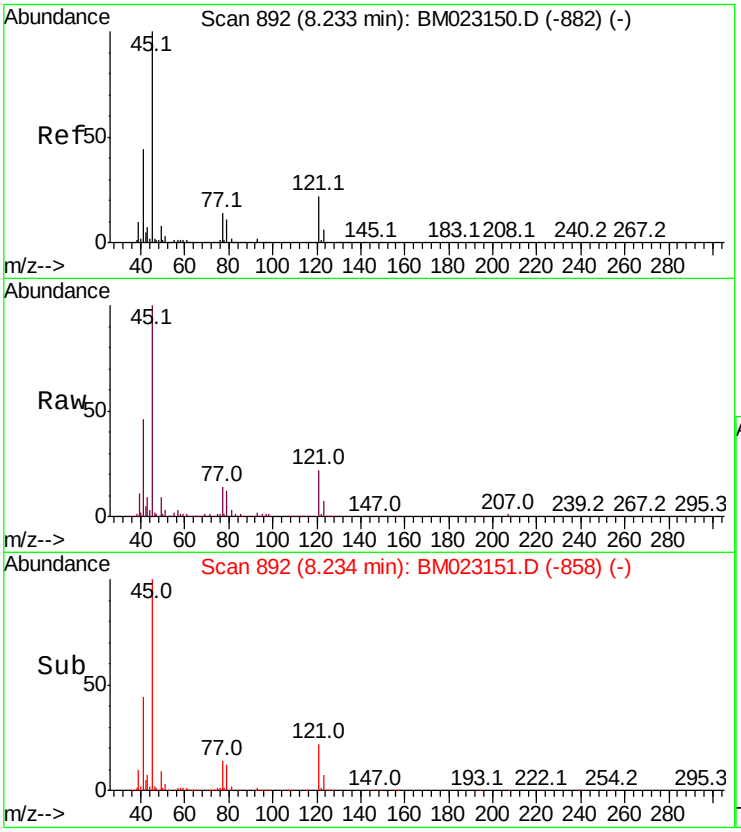


#11
2-Methylphenol
Concen: 39.981 ng/ul
RT: 8.13 min Scan# 875
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Tgt Ion:108 Resp: 779064

Ion	Ratio	Lower	Upper
108	100		
107	89.0	72.9	109.3



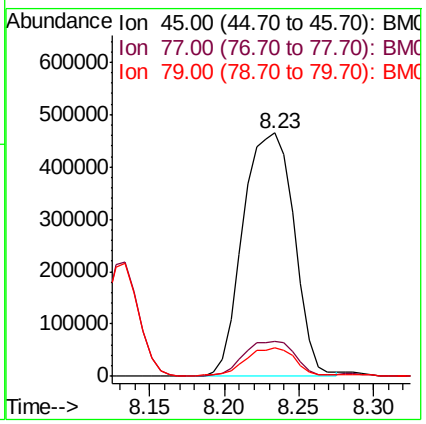


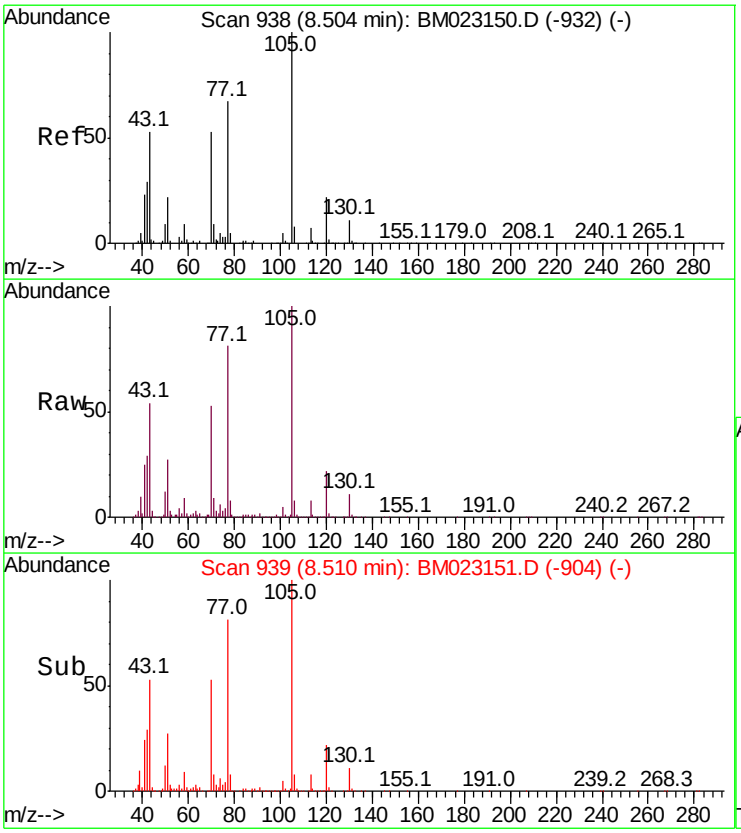
#12
2,2'-oxybis(1-Chloropropane)
Concen: 43.563 ng/ul
RT: 8.23 min Scan# 892
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 45 Resp: 1101367

Ion	Ratio	Lower	Upper
45	100		
77	14.5	12.0	18.0
79	11.9	9.0	13.4

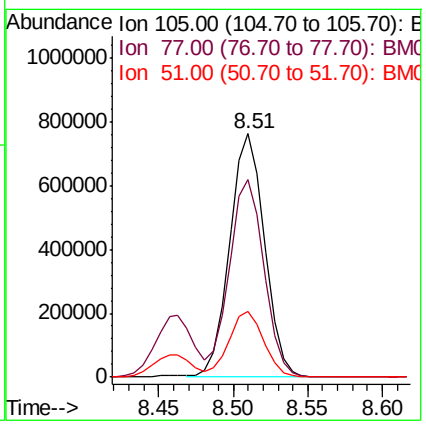


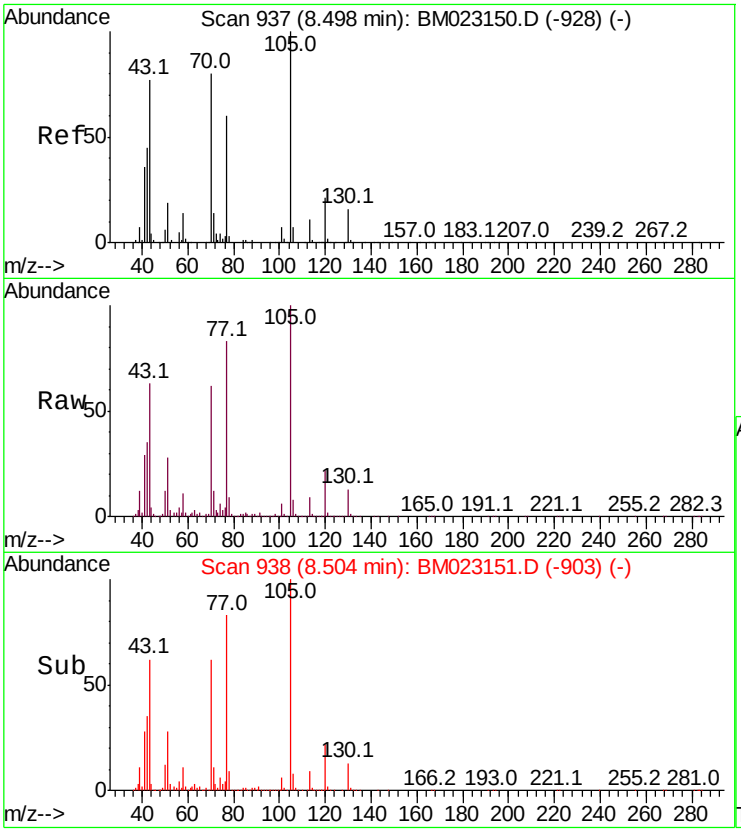


#14
Acetophenone
Concen: 40.953 ng/ul
RT: 8.51 min Scan# 939
Delta R.T. 0.01 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Tgt Ion:105 Resp: 1236181

Ion	Ratio	Lower	Upper
105	100		
77	81.3	63.9	95.9
51	26.9	21.6	32.4



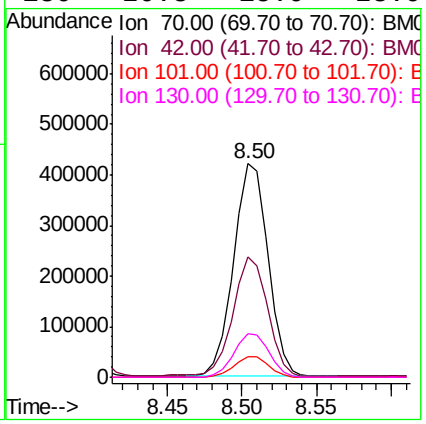


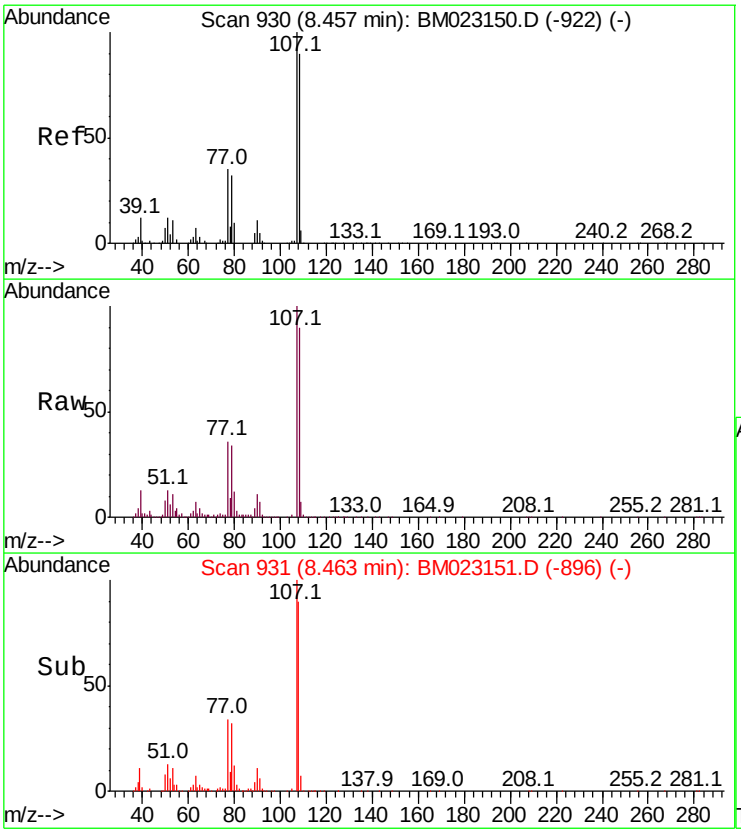
#15
N-Nitroso-di-n-propylamine
Concen: 43.539 ng/ul
RT: 8.50 min Scan# 938
Delta R.T. 0.01 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 70 Resp: 675013

Ion	Ratio	Lower	Upper
70	100		
42	56.5	45.4	68.0
101	9.6	7.4	11.0
130	20.3	15.9	23.9

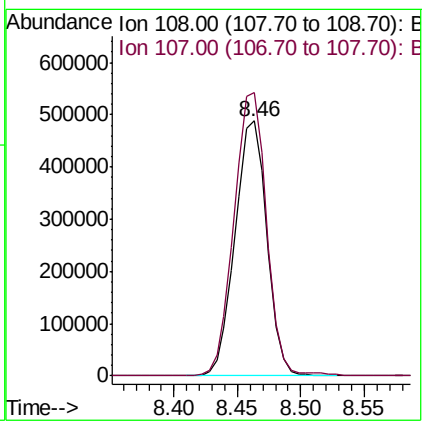


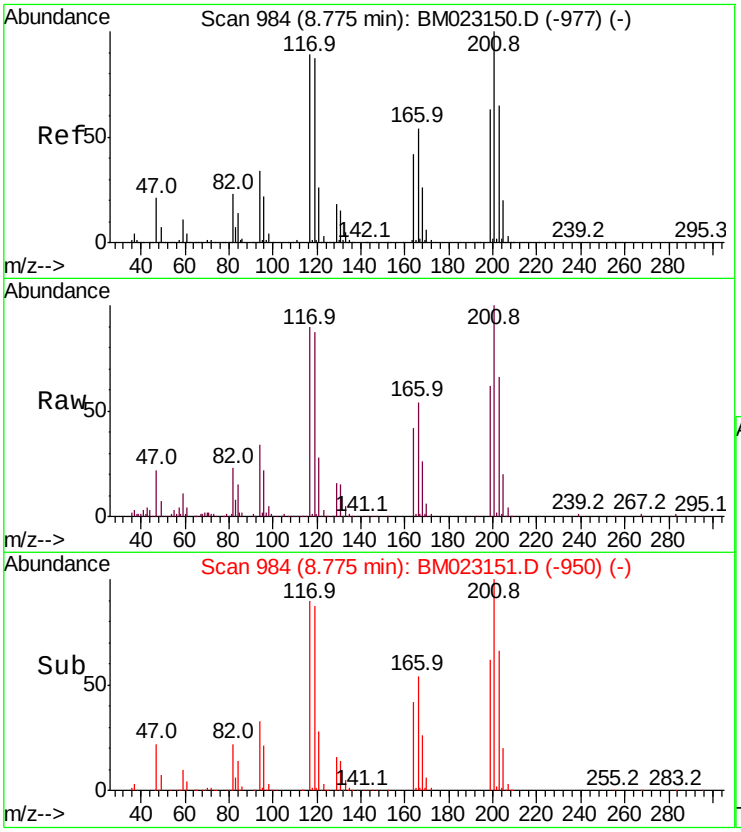


#16
4-Methylphenol
Concen: 39.449 ng/ul
RT: 8.46 min Scan# 931
Delta R.T. 0.01 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Tgt Ion:108 Resp: 849960

Ion	Ratio	Lower	Upper
108	100		
107	111.1	89.3	133.9



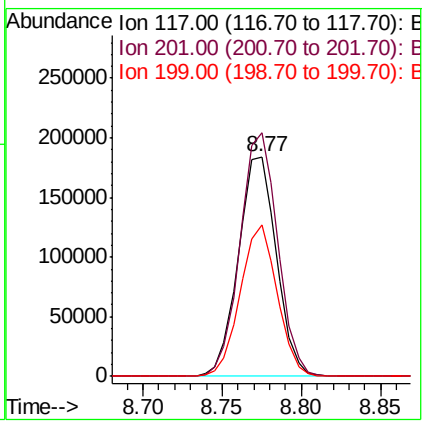


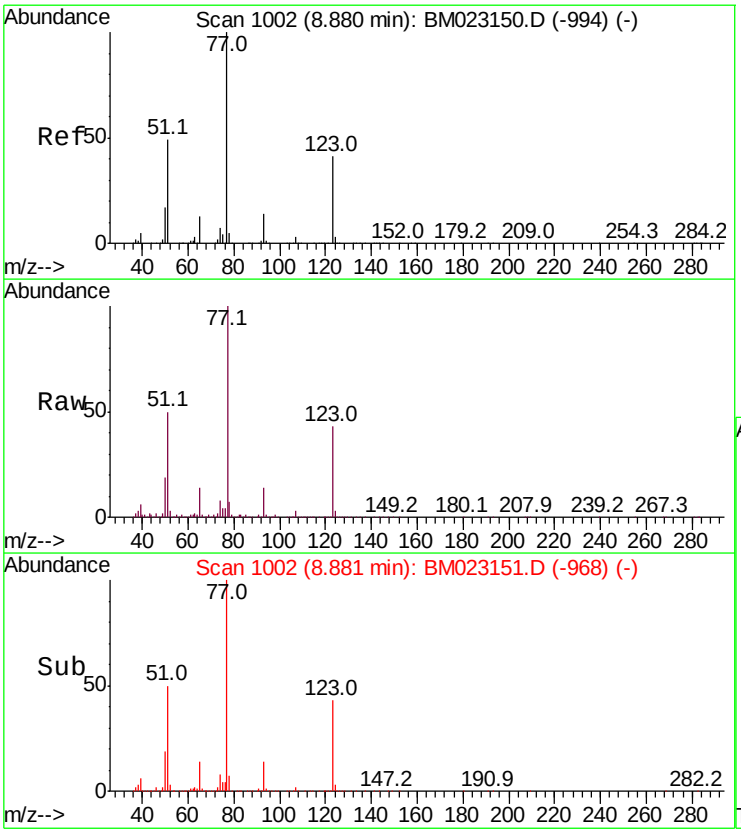
#17
Hexachloroethane
Concen: 38.720 ng/ul
RT: 8.77 min Scan# 984
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 306540

Ion	Ratio	Lower	Upper
117	100		
201	110.8	89.4	134.2
199	69.1	56.3	84.5

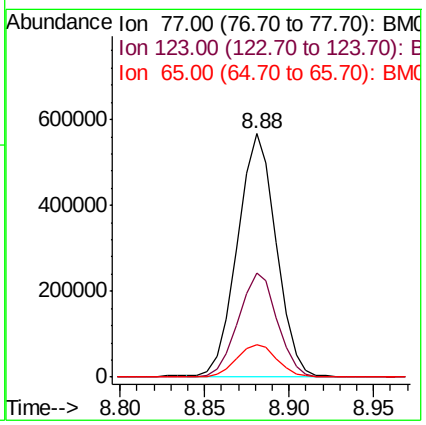


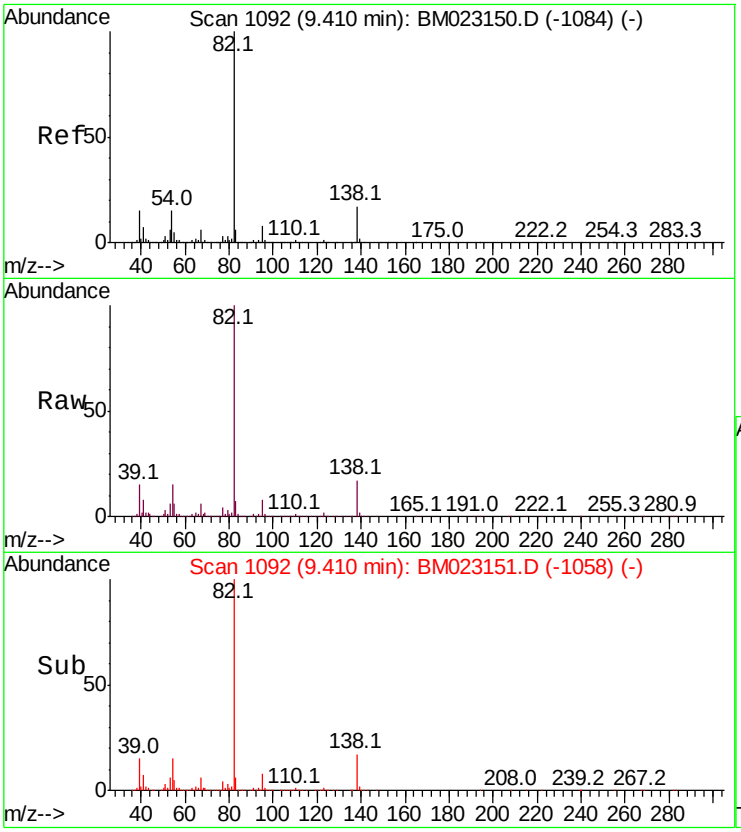


#20
Nitrobenzene
Concen: 41.869 ng/ul
RT: 8.88 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Tgt Ion: 77 Resp: 902214

Ion	Ratio	Lower	Upper
77	100		
123	42.9	32.7	49.1
65	13.6	10.3	15.5



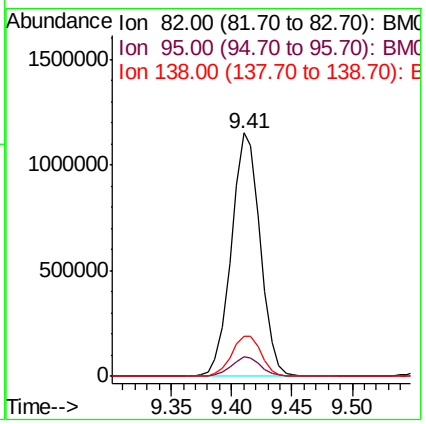


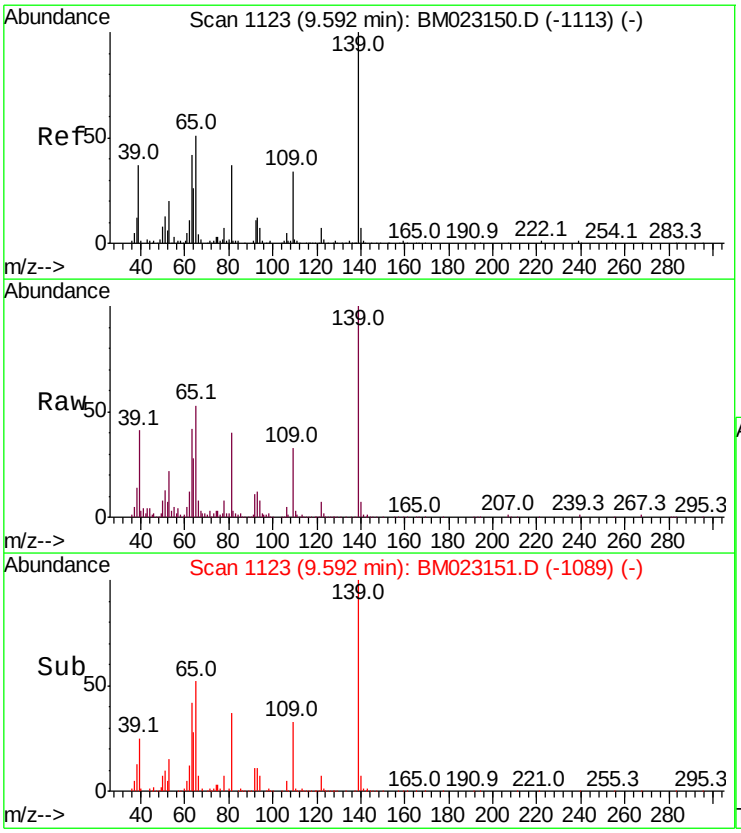
#21
Isophorone
Concen: 44.873 ng/ul
RT: 9.41 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 1904877

Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.2	9.4
138	16.7	13.8	20.8

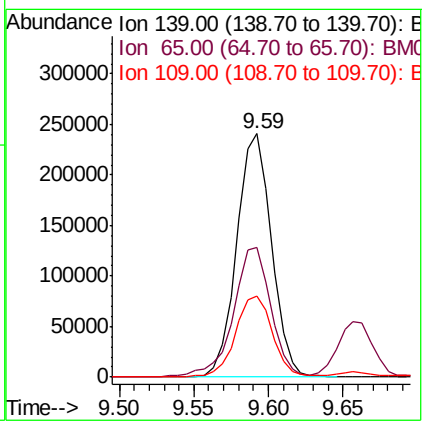


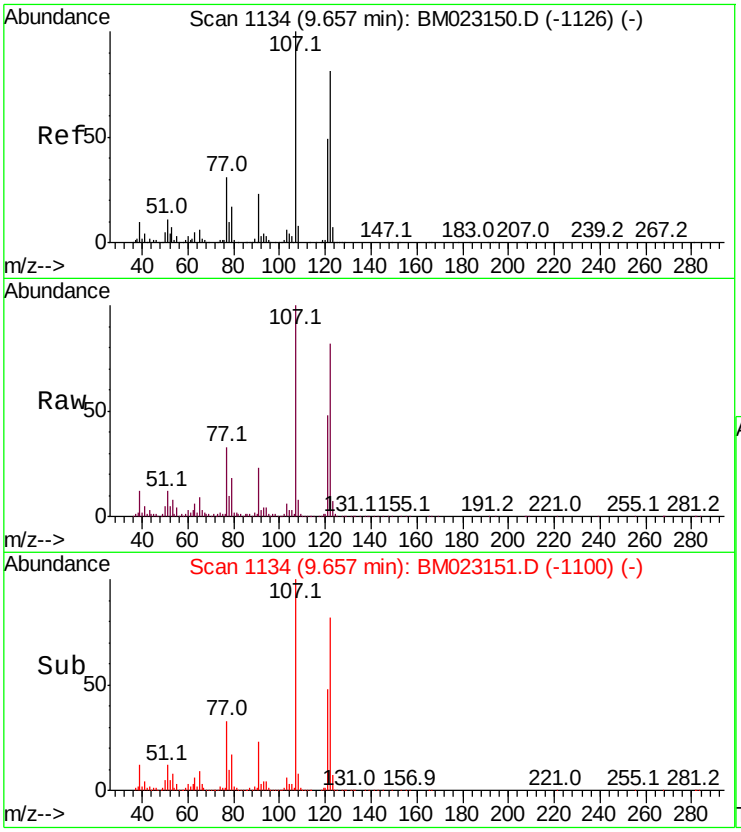


#23
2-Nitrophenol
Concen: 33.810 ng/ul
RT: 9.59 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Tgt Ion:139 Resp: 389778

Ion	Ratio	Lower	Upper
139	100		
65	53.2	41.2	61.8
109	33.4	27.7	41.5



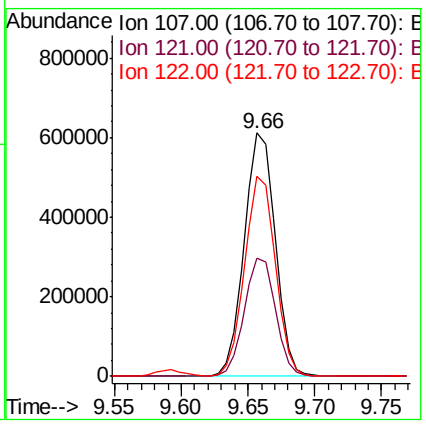


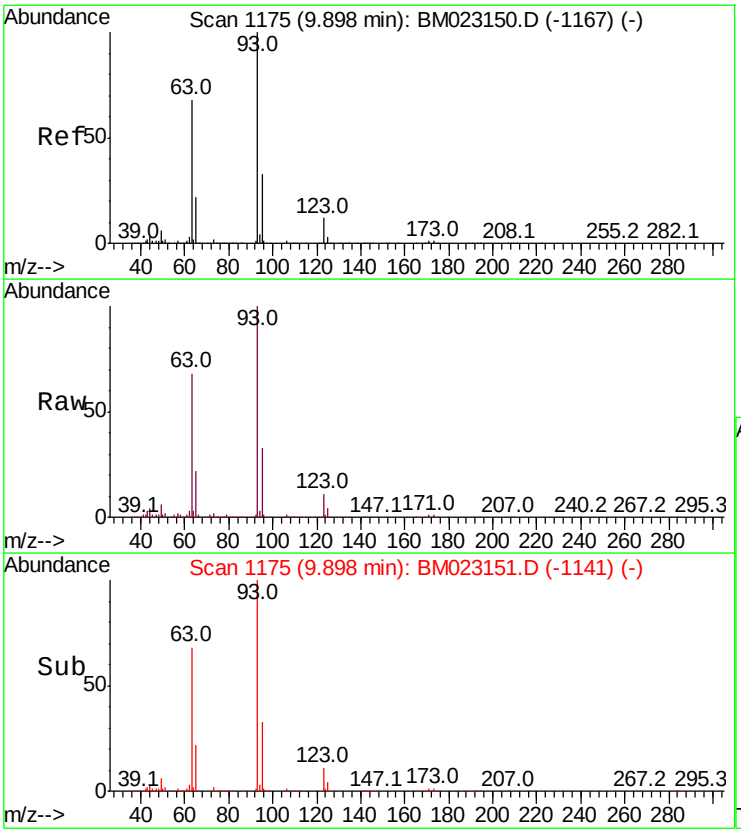
#24
2,4-Dimethylphenol
Concen: 43.532 ng/ul
RT: 9.66 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 977129

Ion	Ratio	Lower	Upper
107	100		
121	48.4	39.0	58.4
122	82.3	64.7	97.1

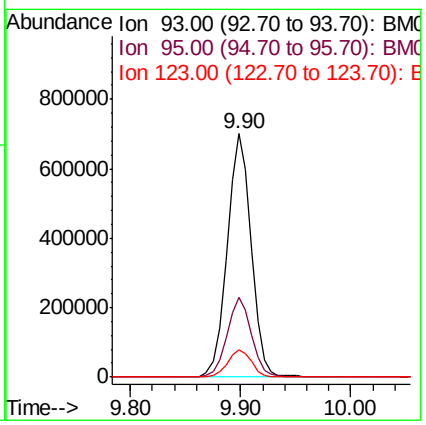


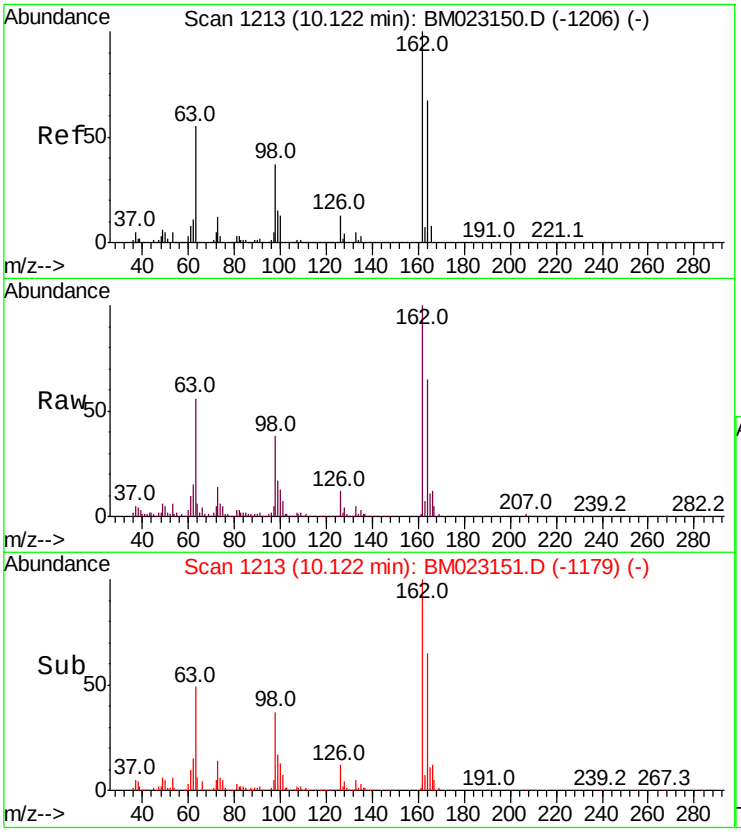


#25
Bis(2-Chloroethoxy)methane
Concen: 39.279 ng/ul
RT: 9.90 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Tgt Ion: 93 Resp: 1063474

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.7	40.1
123	11.0	9.4	14.0



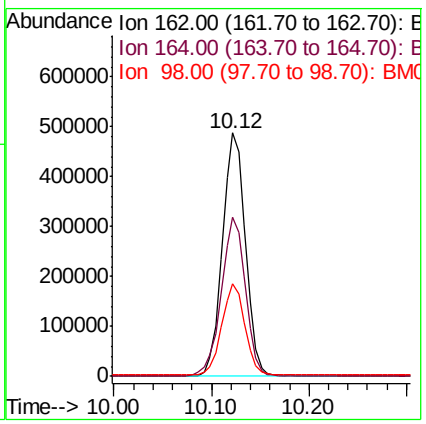


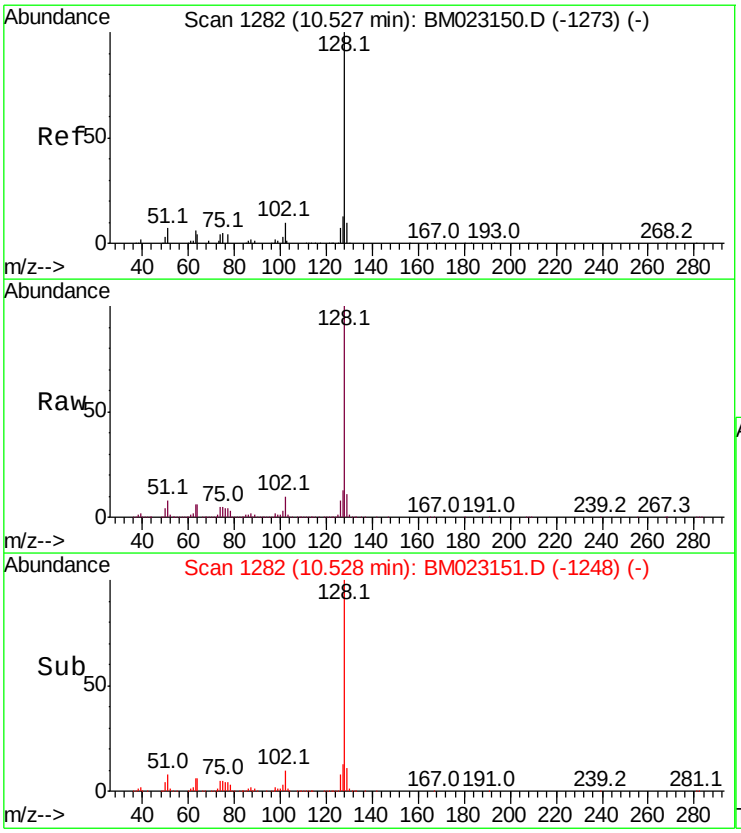
#27
2,4-Dichlorophenol
Concen: 39.387 ng/ul
RT: 10.12 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:162 Resp: 800081

Ion	Ratio	Lower	Upper
162	100		
164	65.3	54.2	81.2
98	37.9	31.3	46.9

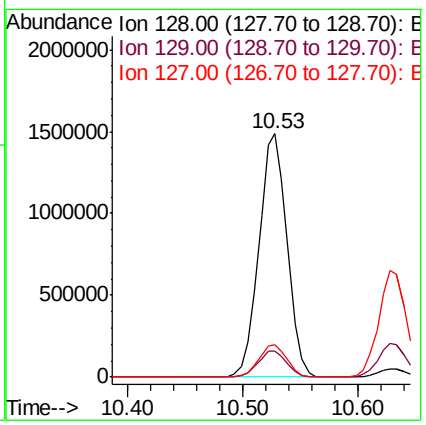


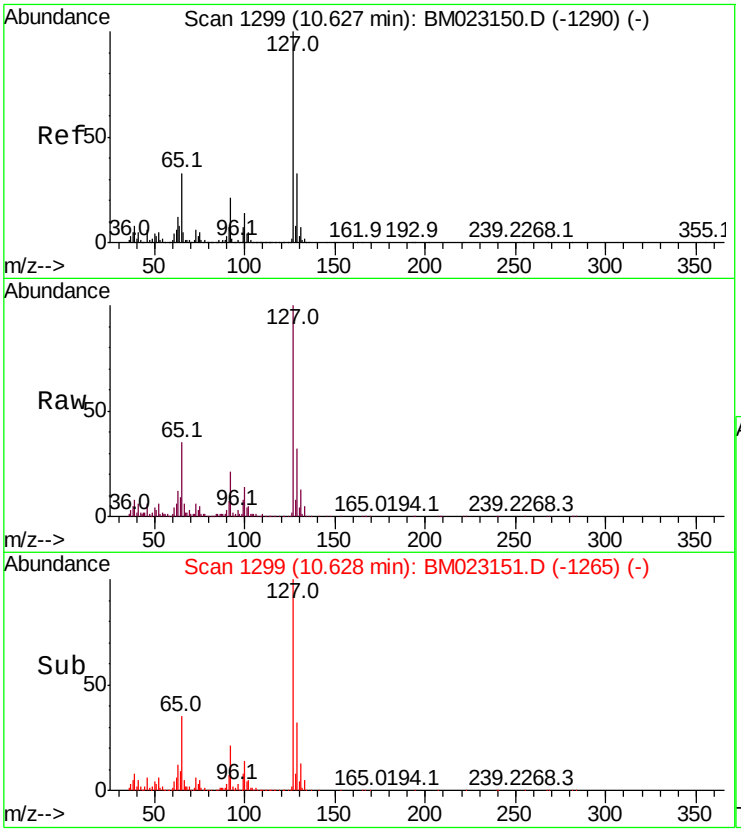


#28
Naphthalene
Concen: 38.825 ng/ul
RT: 10.53 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Tgt Ion:128 Resp: 2507902

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.3	12.5
127	13.1	10.2	15.4



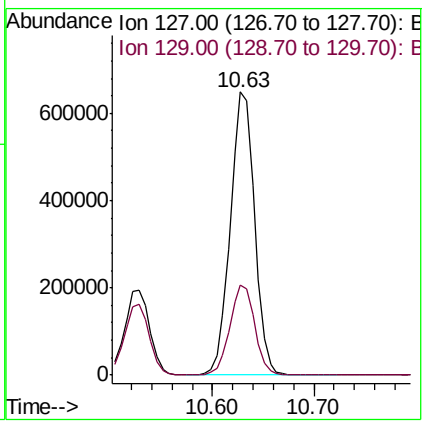


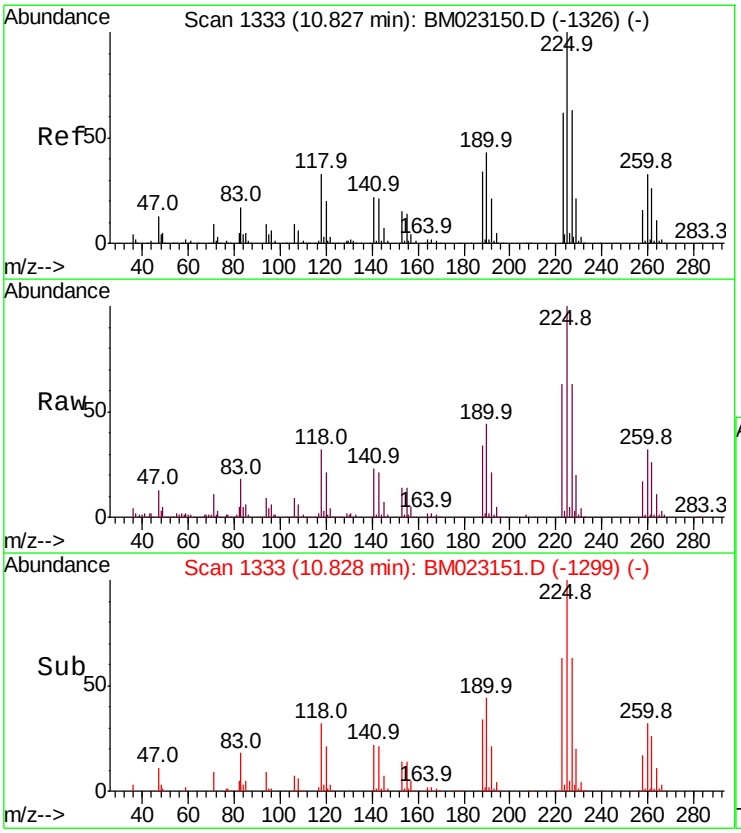
#30
4-Chloroaniline
Concen: 41.760 ng/ul
RT: 10.63 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp: 1072372

Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.3	39.5

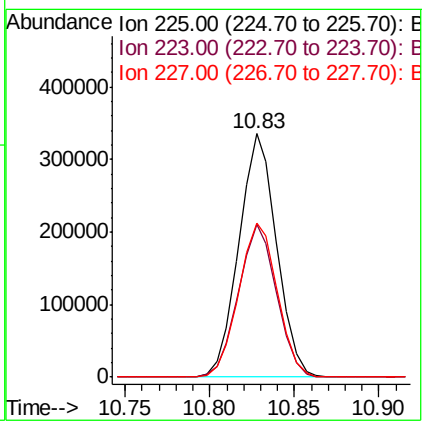


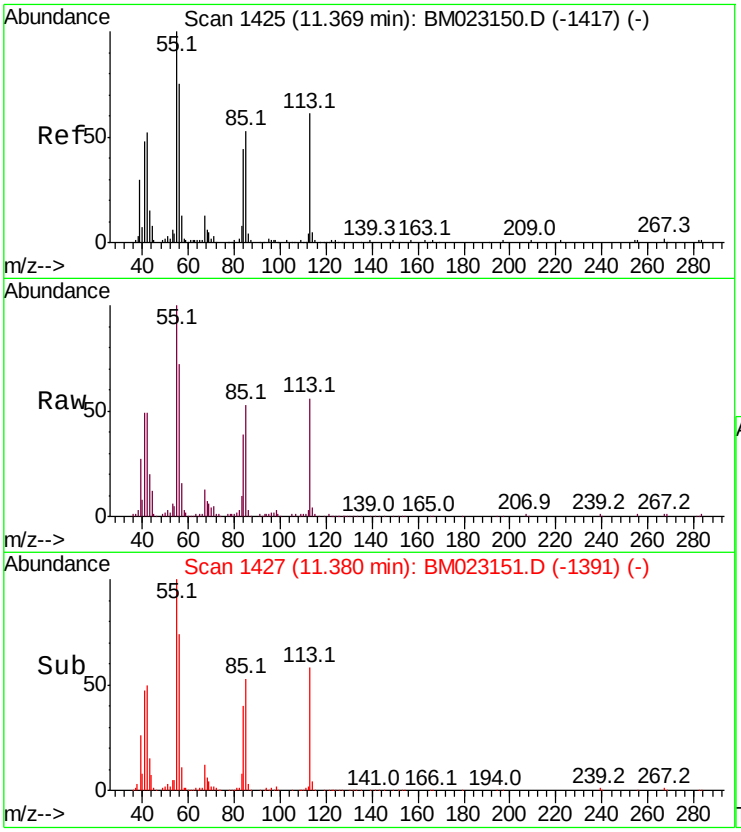


#31
Hexachlorobutadiene
Concen: 42.373 ng/ul
RT: 10.83 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Tgt Ion:225 Resp: 520784

Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.2	73.8
227	63.1	50.2	75.2



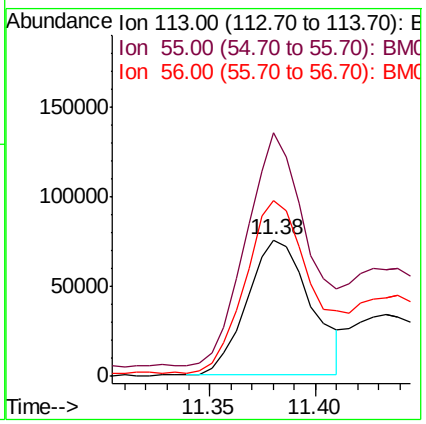


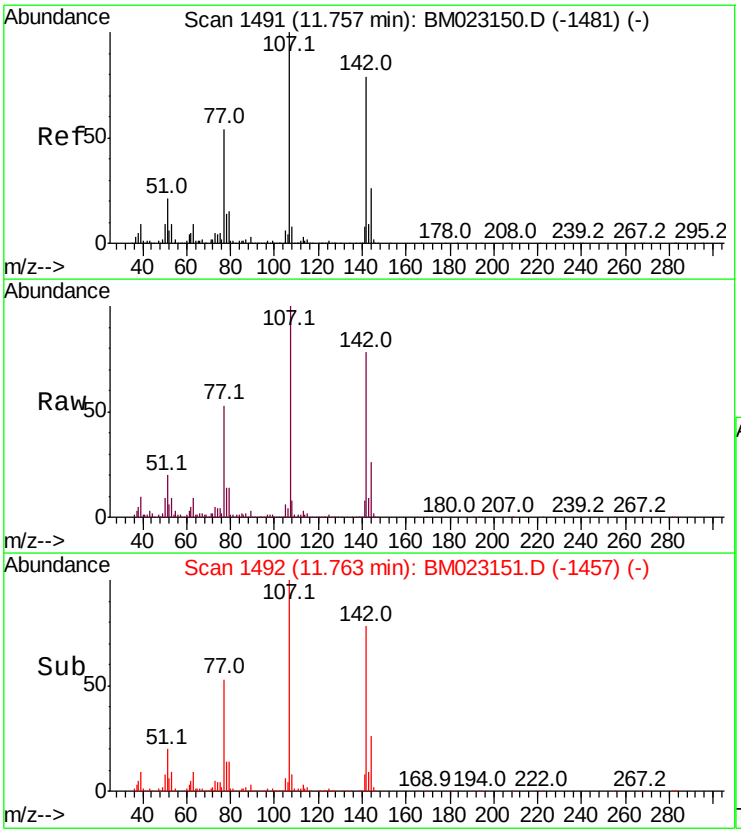
#32
Caprolactam
Concen: 23.914 ng/ul
RT: 11.38 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:113 Resp: 157283

Ion	Ratio	Lower	Upper
113	100		
55	178.1	145.0	217.6
56	128.9	103.0	154.6

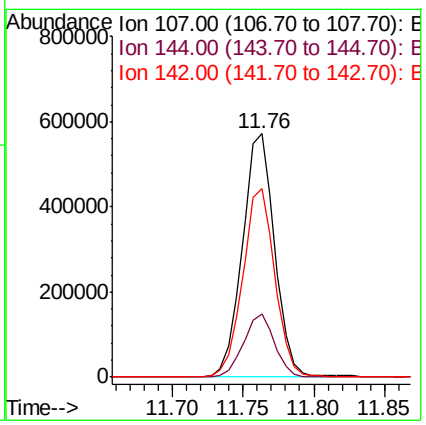


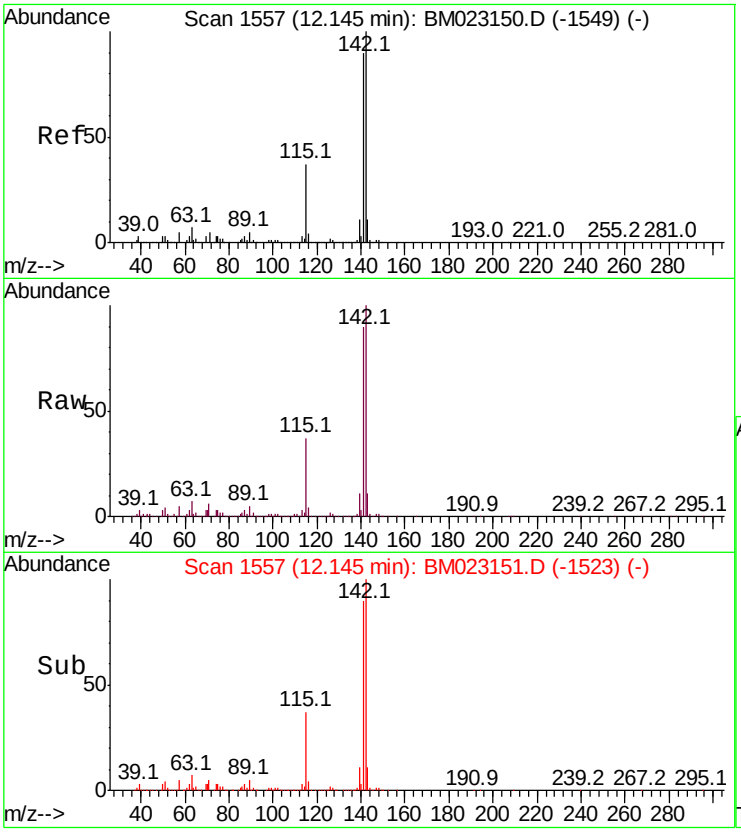


#33
4-Chloro-3-methylphenol
Concen: 43.676 ng/ul
RT: 11.76 min Scan# 1492
Delta R.T. 0.01 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Tgt Ion:107 Resp: 913418

Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.8	31.2
142	77.7	63.2	94.8



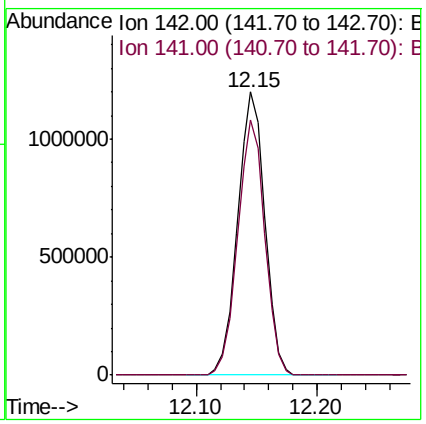


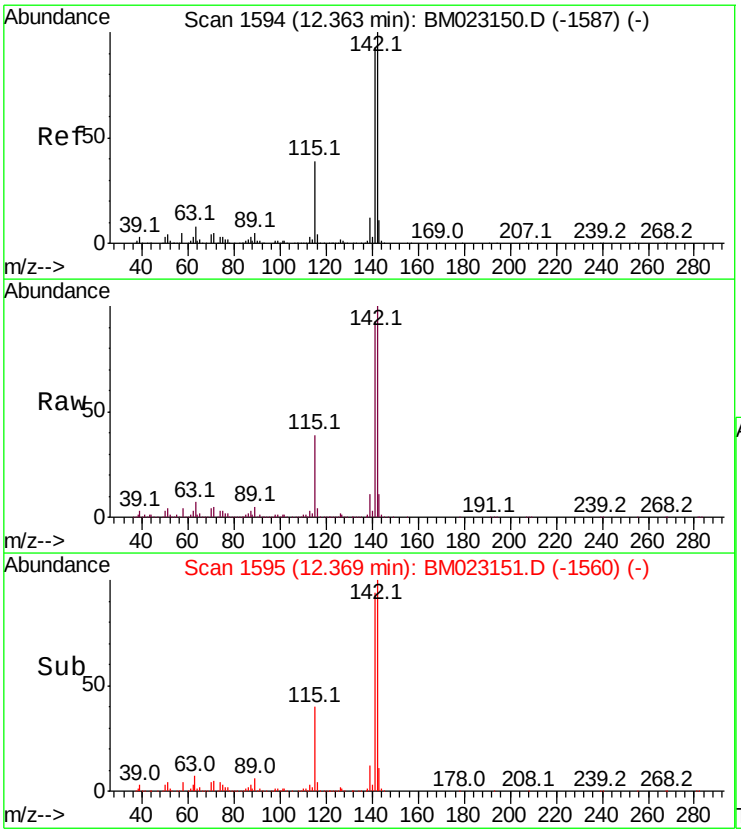
#34
2-Methylnaphthalene
Concen: 38.891 ng/ul
RT: 12.15 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 1883560

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.1	108.1

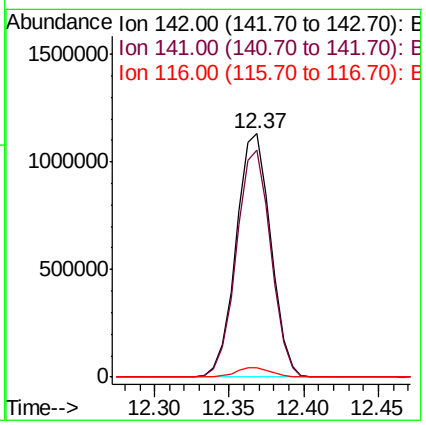


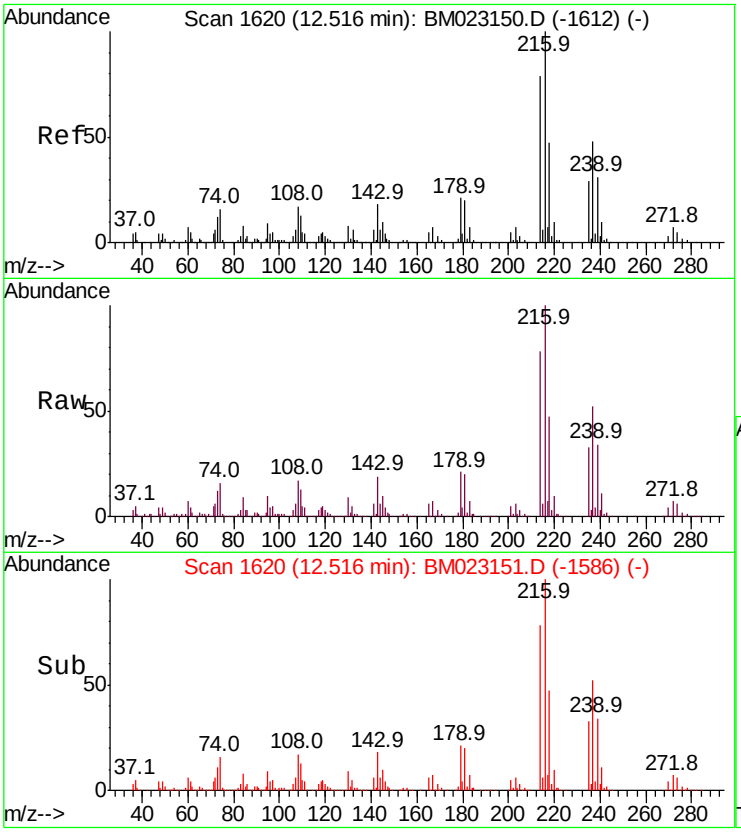


#35
1-Methylnaphthalene
Concen: 39.286 ng/ul
RT: 12.37 min Scan# 1595
Delta R.T. 0.01 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Tgt Ion:142 Resp: 1817214

Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.2	111.2
116	4.0	3.3	4.9



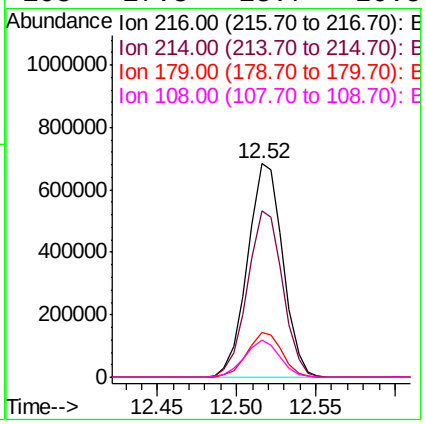


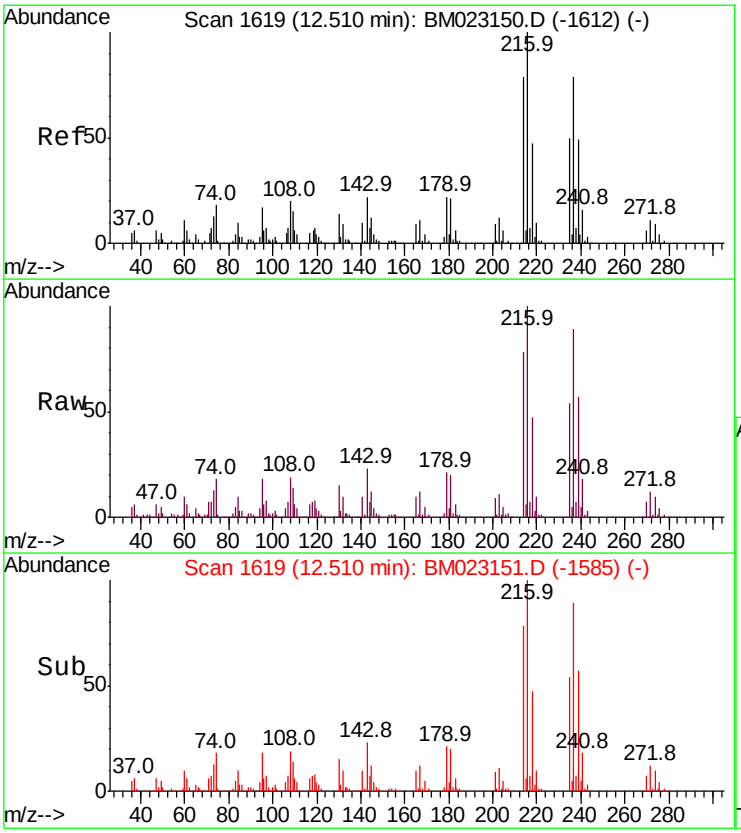
#37
1,2,4,5-Tetrachlorobenzene
Concen: 40.671 ng/ul
RT: 12.52 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:216 Resp: 1058926

Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.1	94.7
179	21.2	17.0	25.6
108	17.3	13.7	20.5

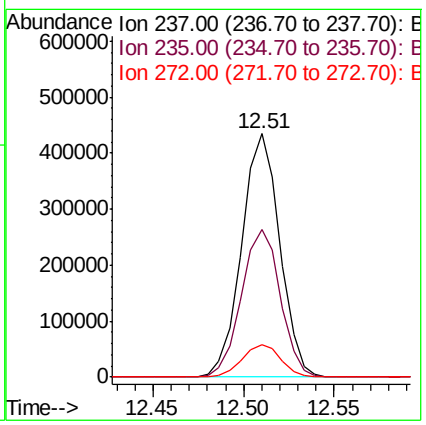


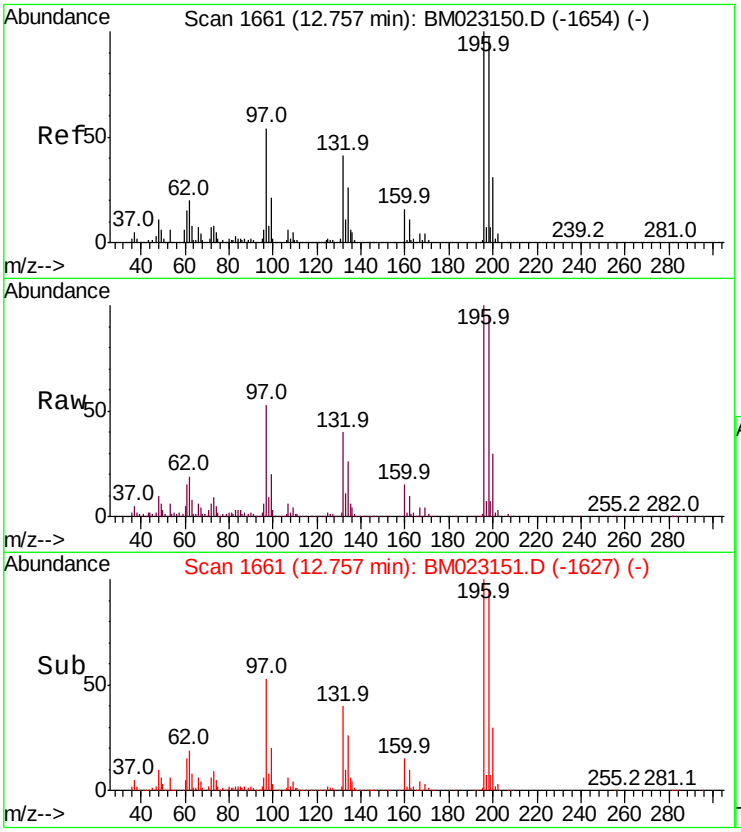


#38
Hexachlorocyclopentadiene
Concen: 39.029 ng/ul
RT: 12.51 min Scan# 1619
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Tgt Ion:237 Resp: 636897

Ion	Ratio	Lower	Upper
237	100		
235	60.7	50.1	75.1
272	13.5	10.9	16.3



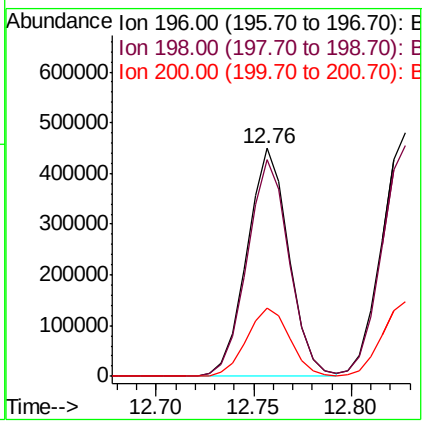


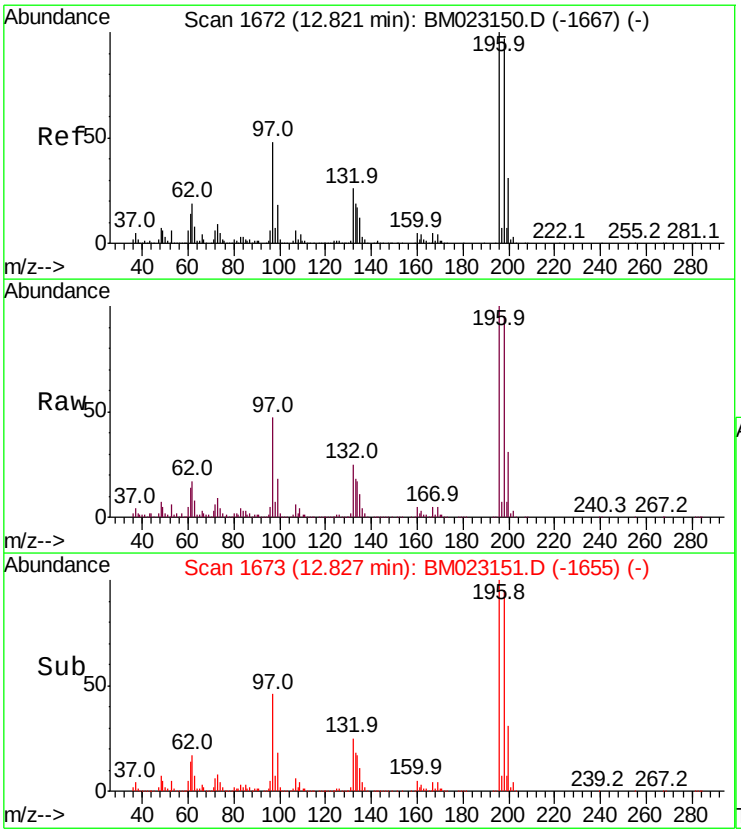
#39
2,4,6-Trichlorophenol
Concen: 38.625 ng/ul
RT: 12.76 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:196 Resp: 666992

Ion	Ratio	Lower	Upper
196	100		
198	94.9	78.0	117.0
200	30.0	24.6	36.8

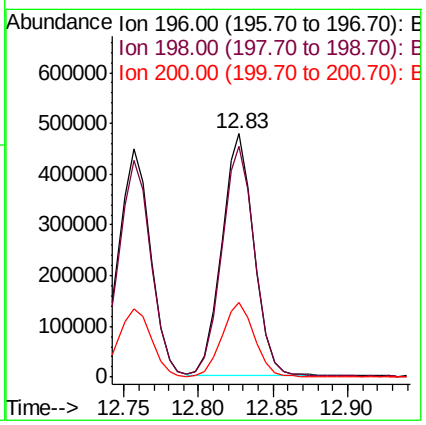


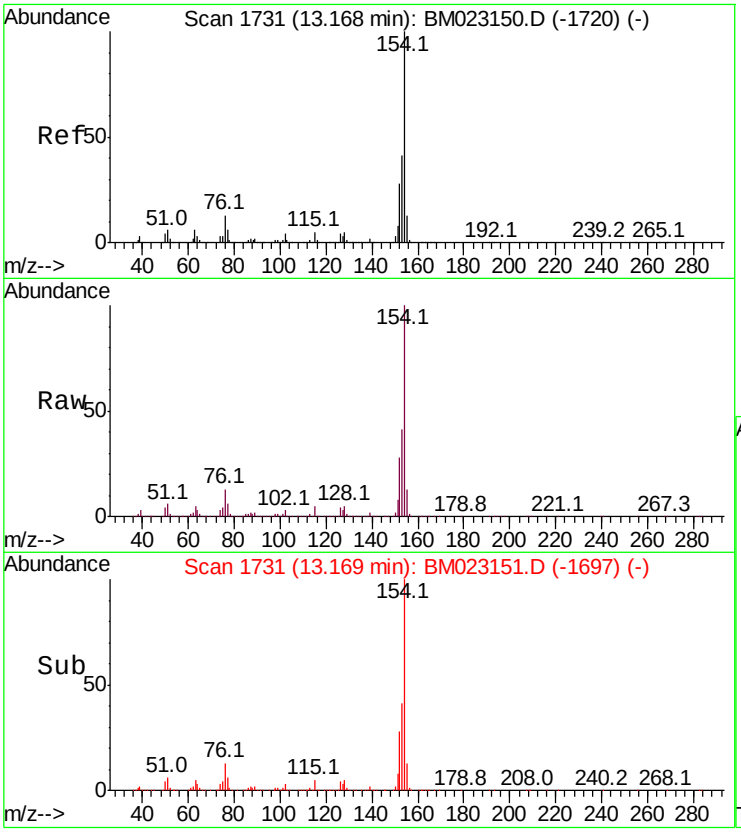


#40
2,4,5-Trichlorophenol
Concen: 38.307 ng/ul
RT: 12.83 min Scan# 1673
Delta R.T. 0.01 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Tgt Ion:196 Resp: 721462

Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.4	116.2
200	30.8	25.0	37.6



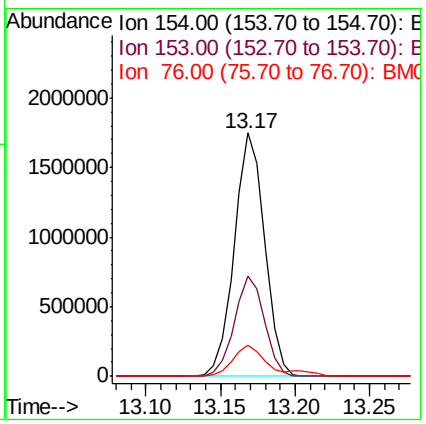


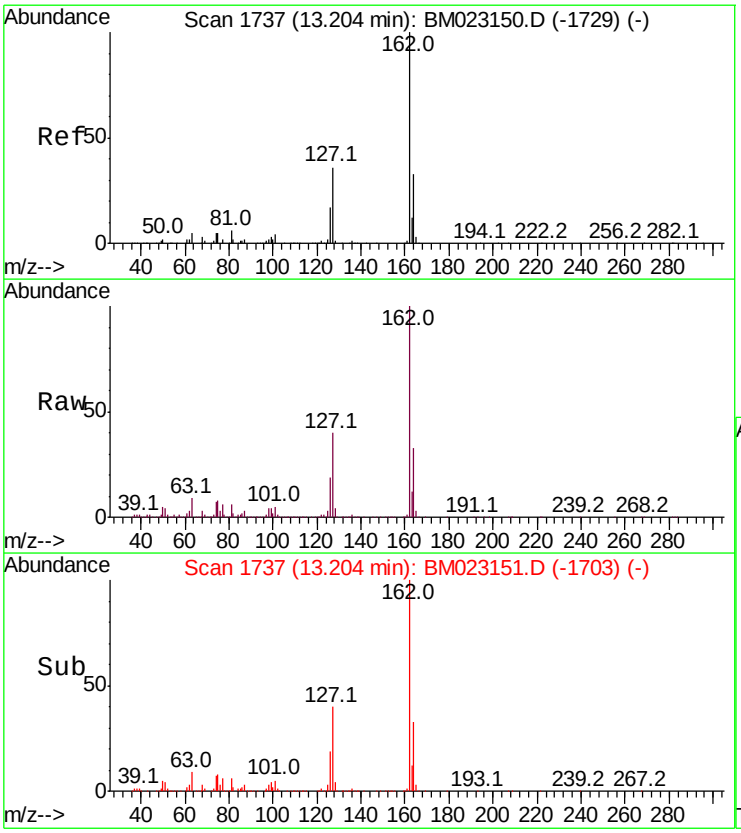
#41
1,1'-Biphenyl
Concen: 37.887 ng/ul
RT: 13.17 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 2461791

Ion	Ratio	Lower	Upper
154	100		
153	41.1	33.1	49.7
76	13.0	10.6	15.8

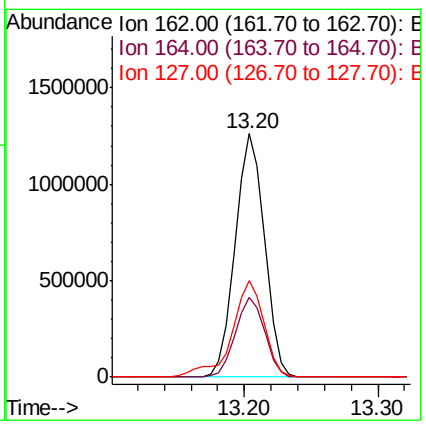


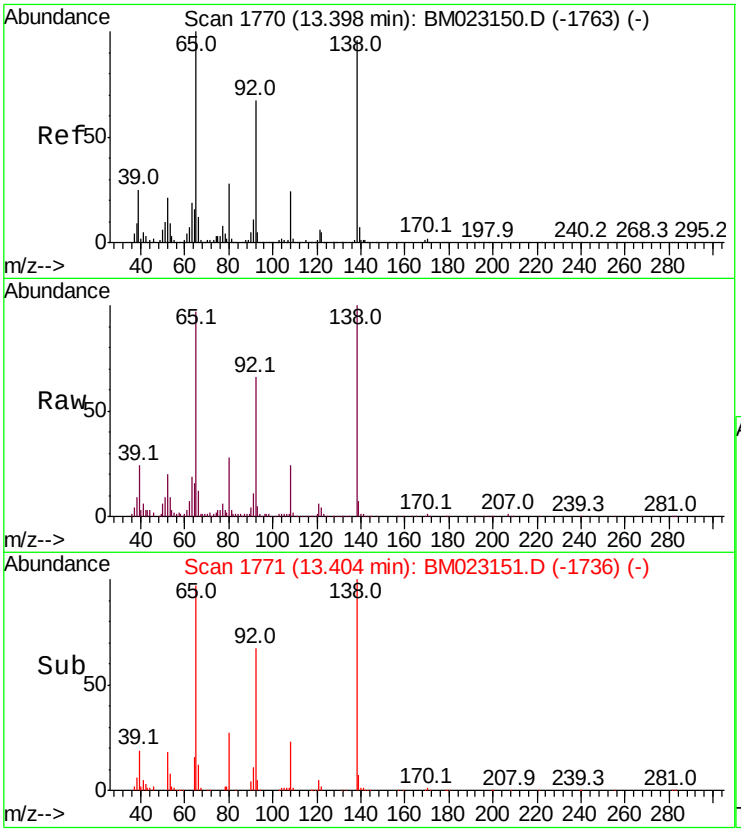


#42
2-Chloronaphthalene
Concen: 38.544 ng/ul
RT: 13.20 min Scan# 1737
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Tgt Ion:162 Resp: 1914699

Ion	Ratio	Lower	Upper
162	100		
164	32.8	26.0	39.0
127	39.7	30.6	46.0



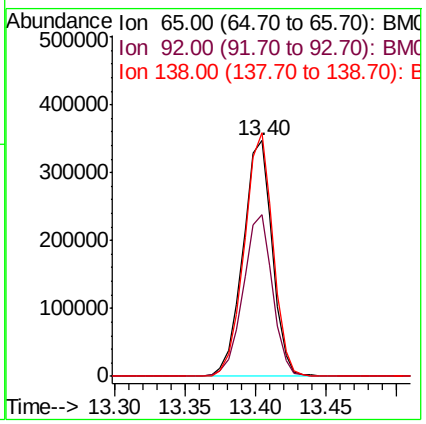


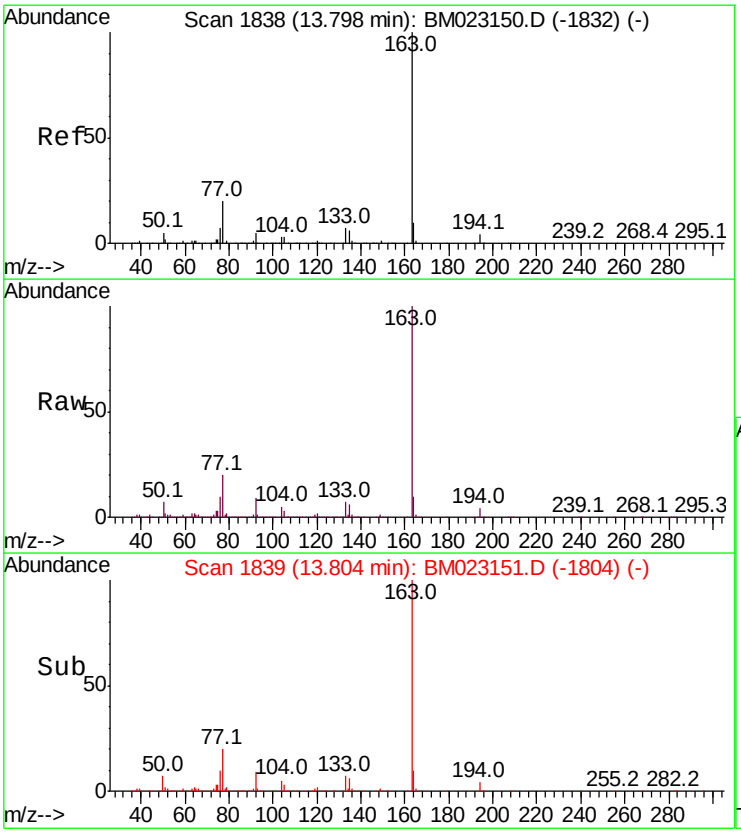
#43
2-Nitroaniline
Concen: 39.062 ng/ul
RT: 13.40 min Scan# 1771
Delta R.T. 0.01 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 65 Resp: 503218

Ion	Ratio	Lower	Upper
65	100		
92	68.6	53.3	79.9
138	103.3	76.5	114.7

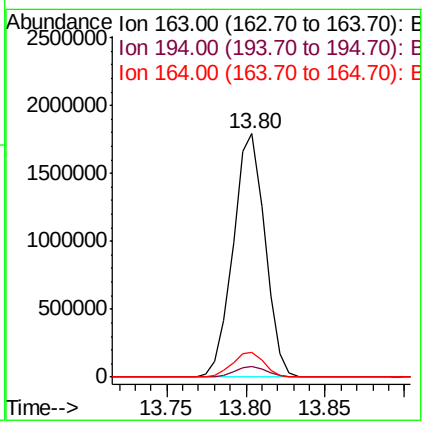


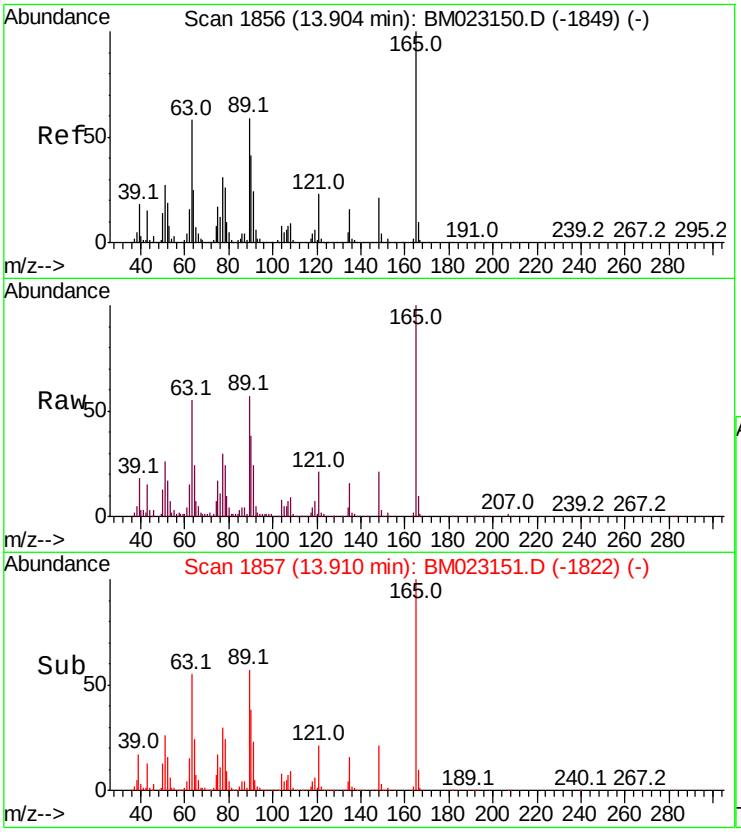


#45
Dimethylphthalate
Concen: 39.451 ng/ul
RT: 13.80 min Scan# 1839
Delta R.T. 0.01 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Tgt Ion:163 Resp: 2496001

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.1	8.0	12.0



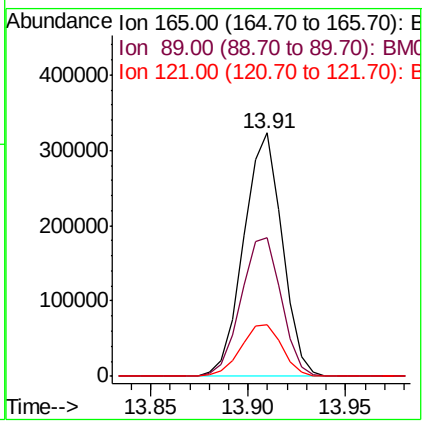


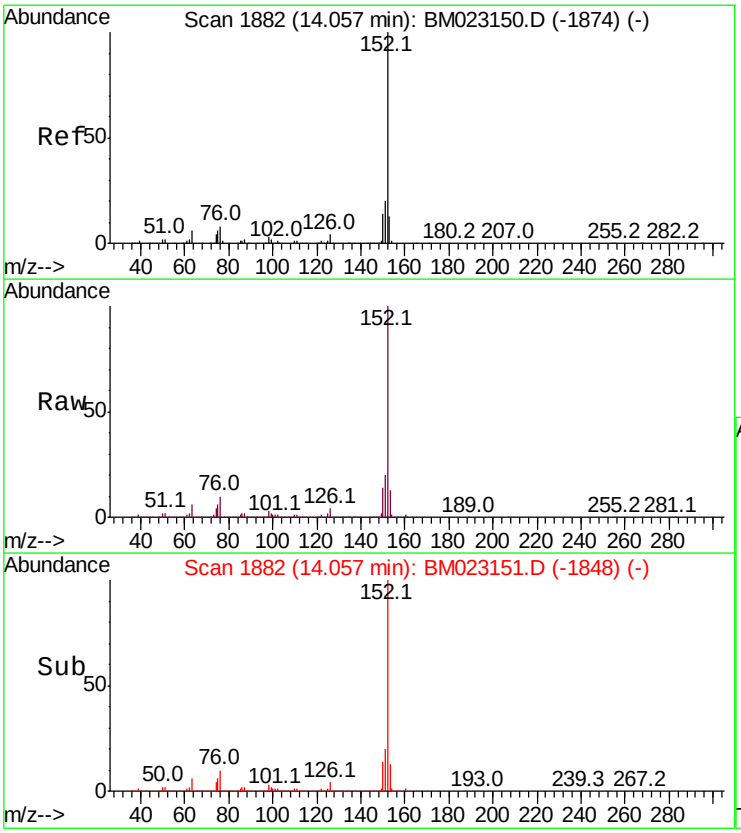
#46
2,6-Dinitrotoluene
Concen: 34.879 ng/ul
RT: 13.91 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:165 Resp: 440002

Ion	Ratio	Lower	Upper
165	100		
89	56.8	46.8	70.2
121	21.3	18.4	27.6

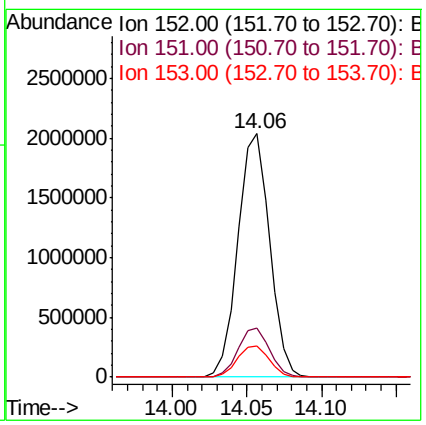


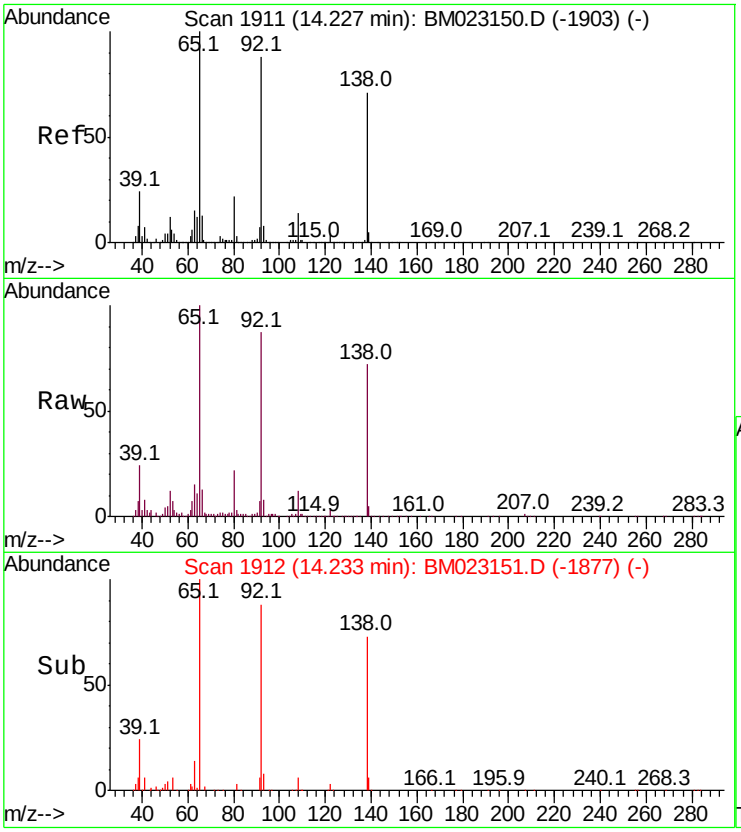


#48
Acenaphthylene
Concen: 39.045 ng/ul
RT: 14.06 min Scan# 1882
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Tgt Ion:152 Resp: 2997196

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.6
153	12.9	10.3	15.5



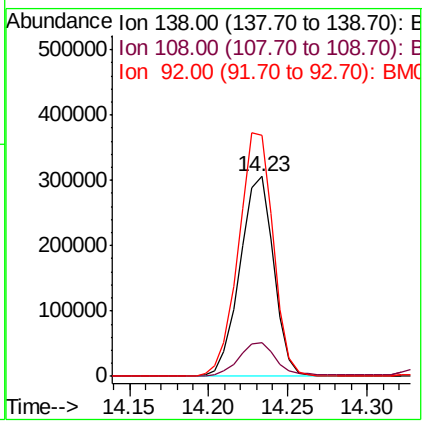


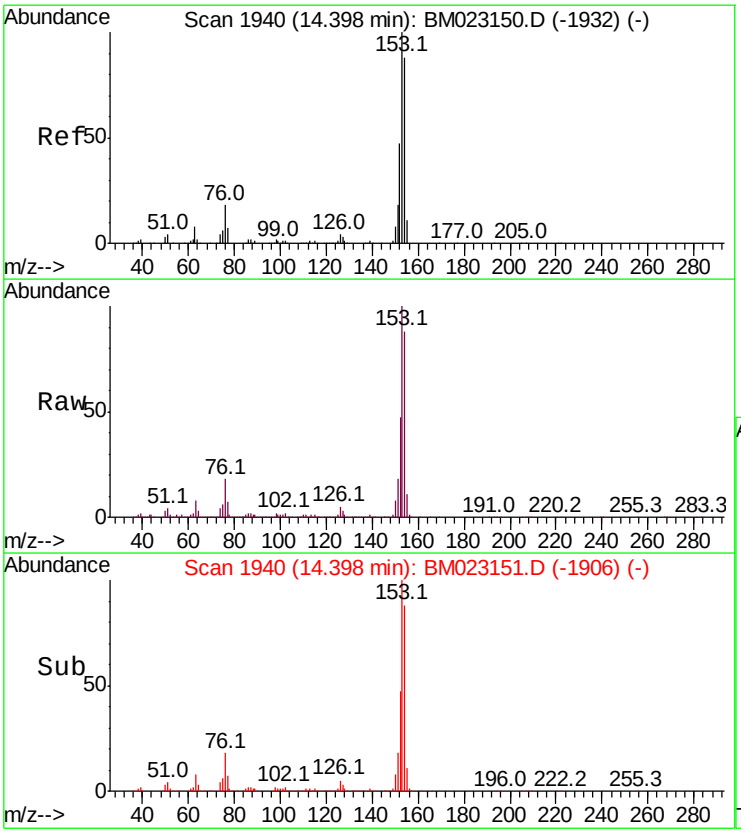
#49
3-Nitroaniline
Concen: 37.025 ng/ul
RT: 14.23 min Scan# 1912
Delta R.T. 0.01 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:138 Resp: 453061

Ion	Ratio	Lower	Upper
138	100		
108	17.2	16.1	24.1
92	120.9	99.4	149.0

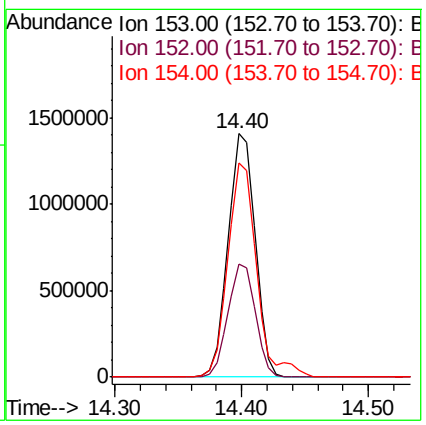


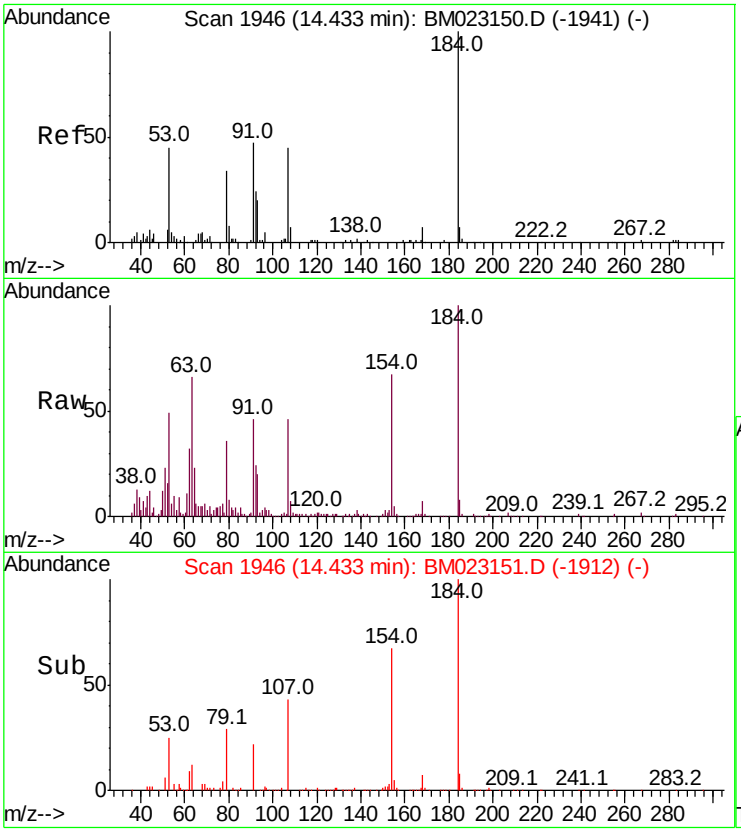


#50
Acenaphthene
Concen: 38.828 ng/ul
RT: 14.40 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Tgt Ion:153 Resp: 2076370

Ion	Ratio	Lower	Upper
153	100		
152	46.5	38.0	57.0
154	88.0	70.4	105.6



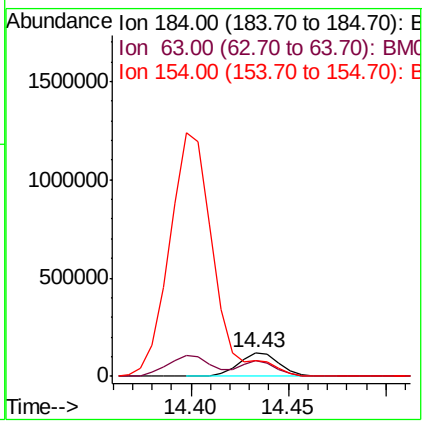


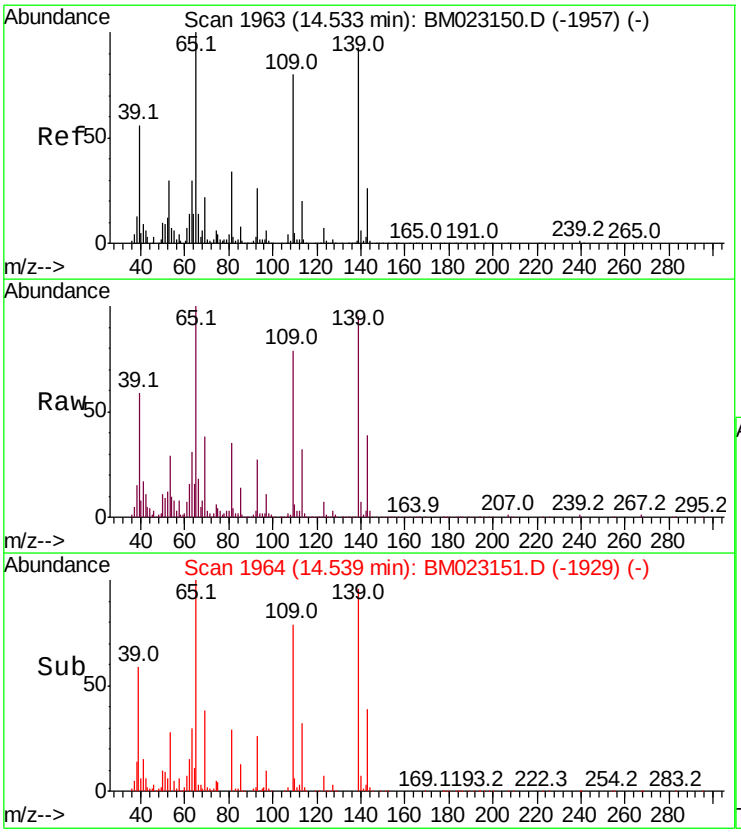
#51
2,4-Dinitrophenol
Concen: 21.199 ng/ul
RT: 14.43 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:184 Resp: 170677

Ion	Ratio	Lower	Upper
184	100		
63	65.7	52.8	79.2
154	67.2	53.0	79.6

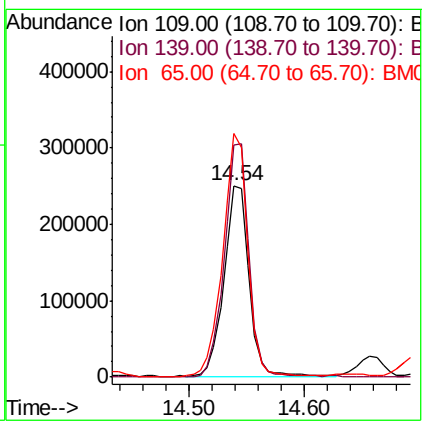


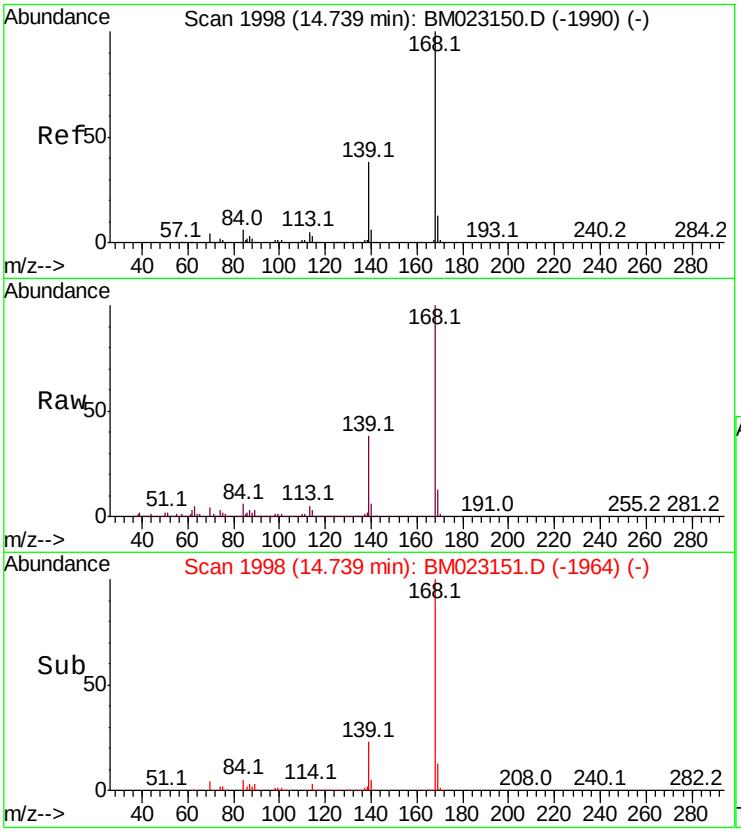


#53
4-Nitrophenol
Concen: 41.816 ng/ul
RT: 14.54 min Scan# 1964
Delta R.T. 0.01 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Tgt Ion:109 Resp: 371902

Ion	Ratio	Lower	Upper
109	100		
139	121.3	92.3	138.5
65	127.3	100.2	150.2



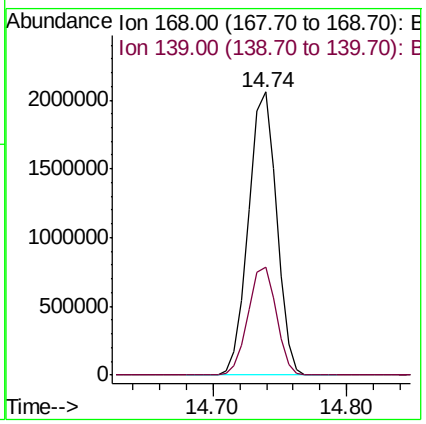


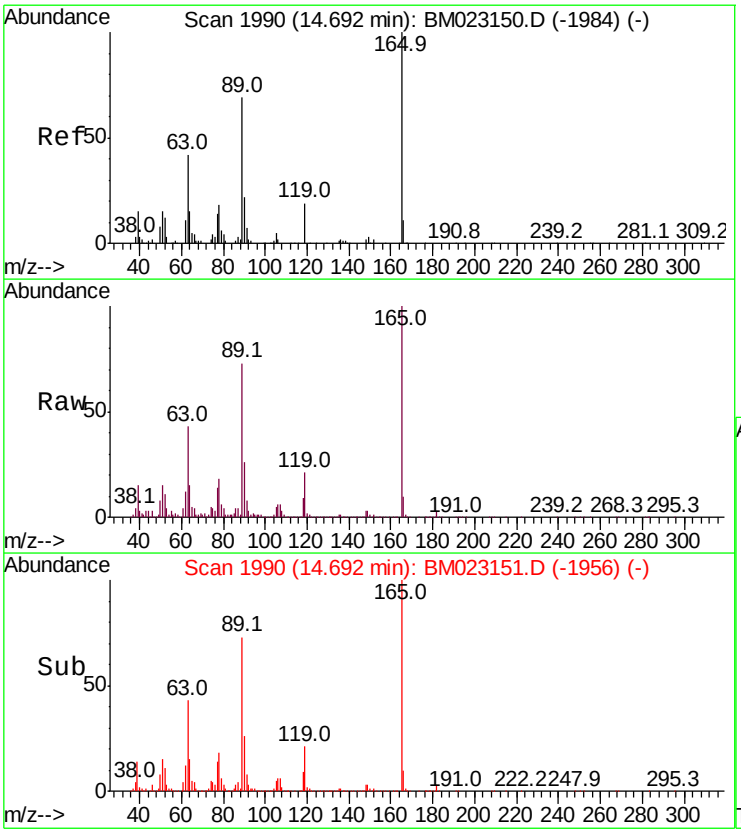
#54
Dibenzofuran
Concen: 38.958 ng/ul
RT: 14.74 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 2975401

Ion	Ratio	Lower	Upper
168	100		
139	38.2	30.1	45.1

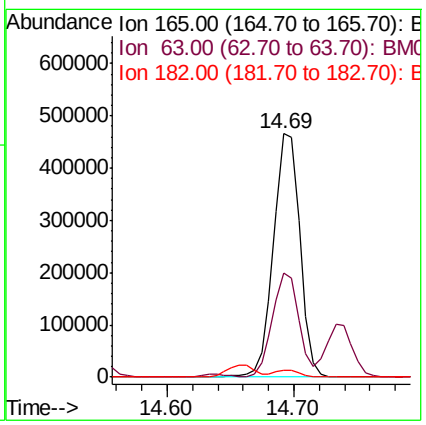


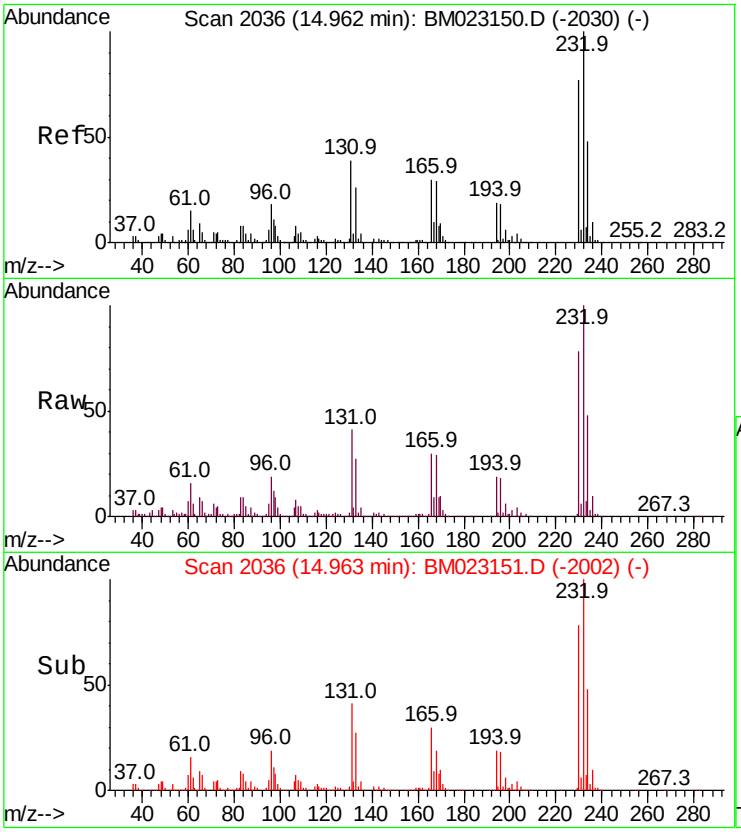


#55
2,4-Dinitrotoluene
Concen: 36.288 ng/ul
RT: 14.69 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Tgt Ion:165 Resp: 675412

Ion	Ratio	Lower	Upper
165	100		
63	43.0	33.9	50.9
182	3.1	2.3	3.5



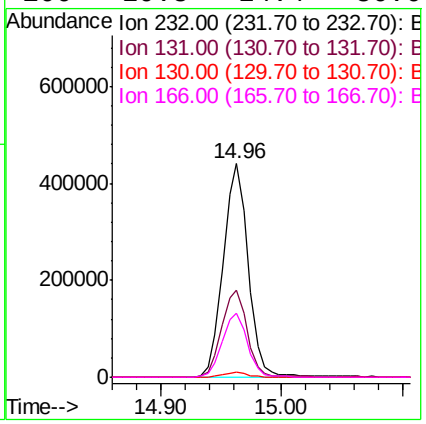


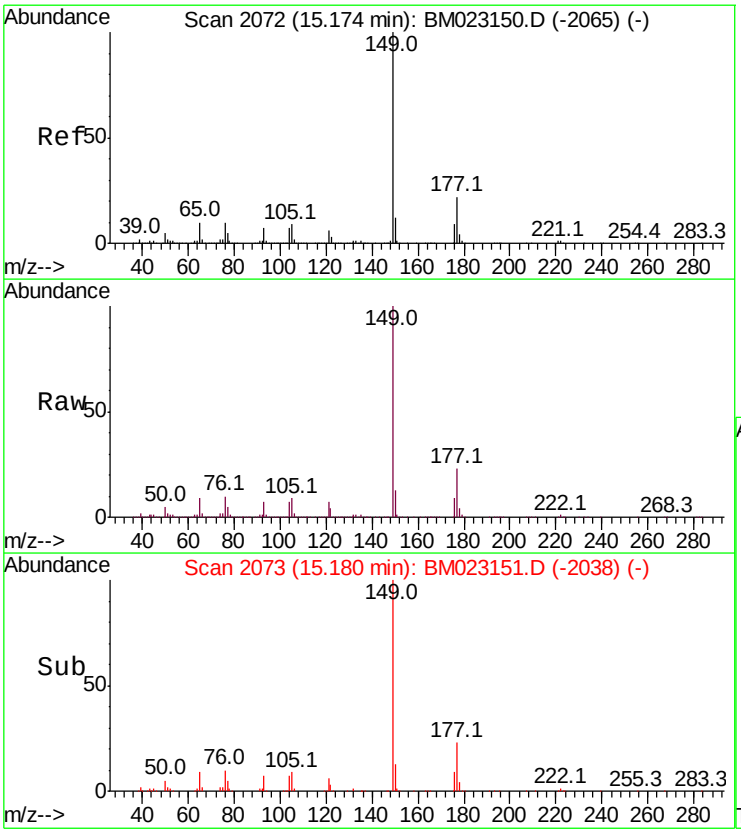
#56
2,3,4,6-Tetrachlorophenol
Concen: 38.164 ng/ul
RT: 14.96 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:232 Resp: 632390

Ion	Ratio	Lower	Upper
232	100		
131	40.5	31.5	47.3
130	2.4	1.9	2.9
166	29.8	24.4	36.6

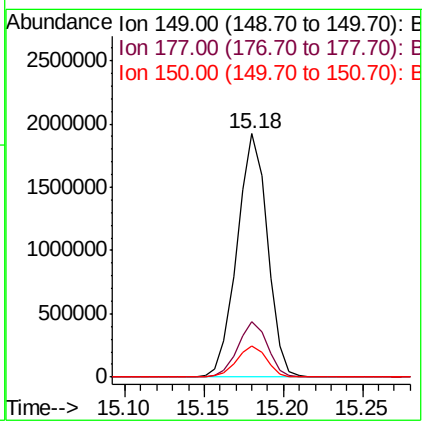


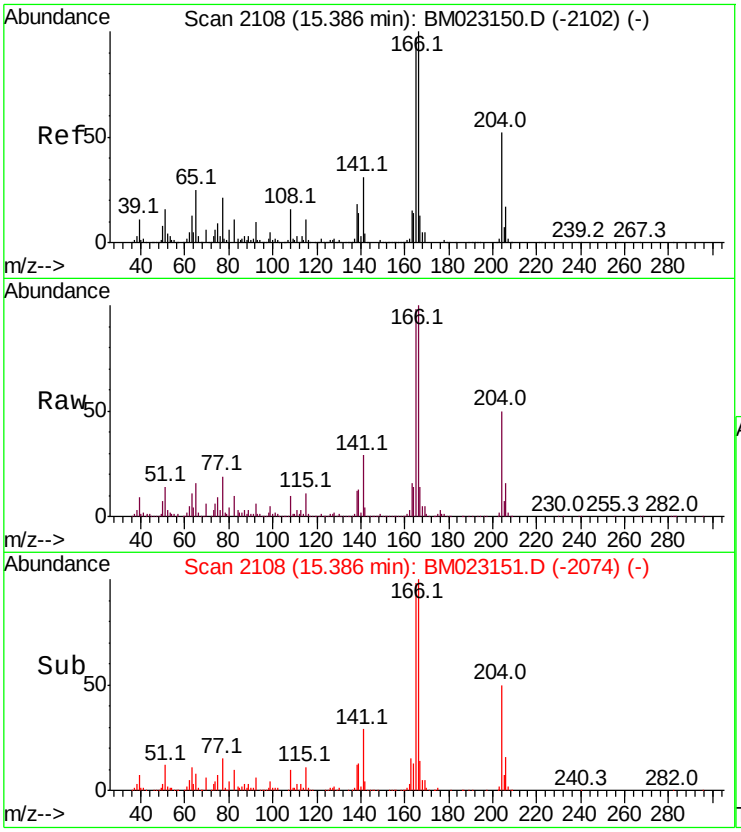


#57
Diethylphthalate
Concen: 40.135 ng/ul
RT: 15.18 min Scan# 2073
Delta R.T. 0.01 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Tgt Ion:149 Resp: 2549320

Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.8	26.8
150	12.6	9.9	14.9



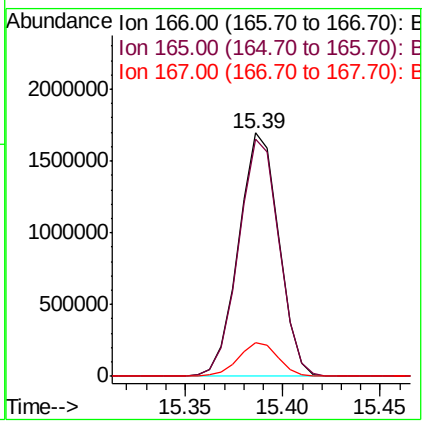


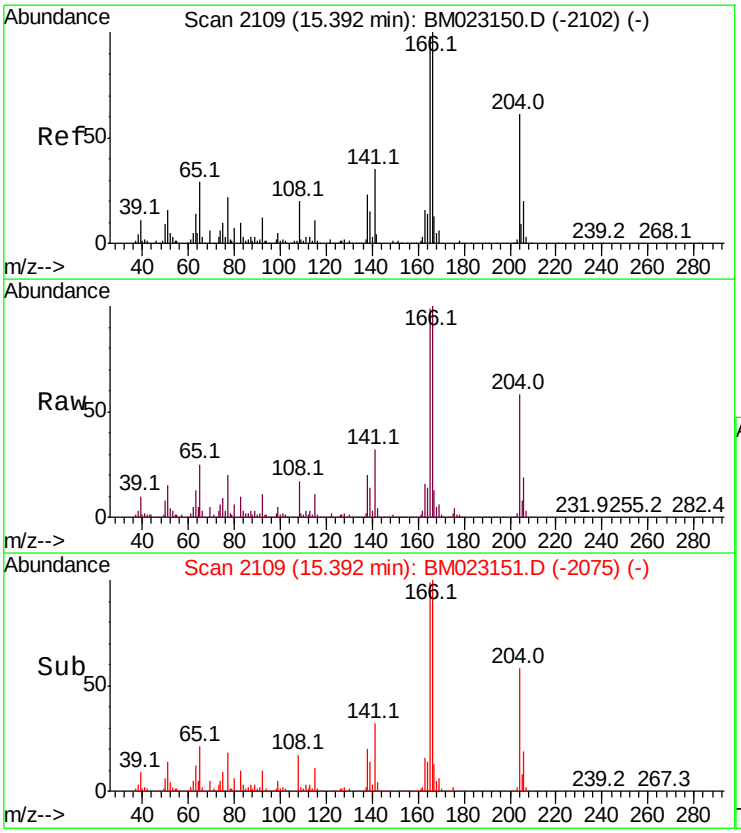
#59
Fluorene
Concen: 39.178 ng/ul
RT: 15.39 min Scan# 2108
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 2418036

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.4	116.0
167	13.6	10.8	16.2

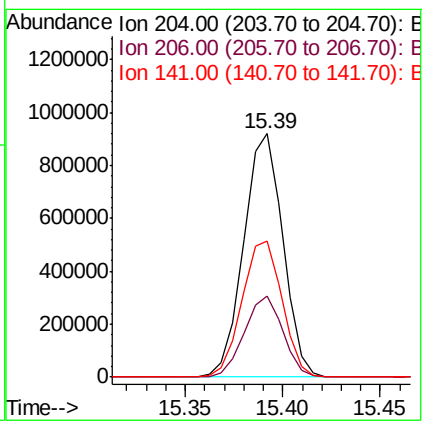


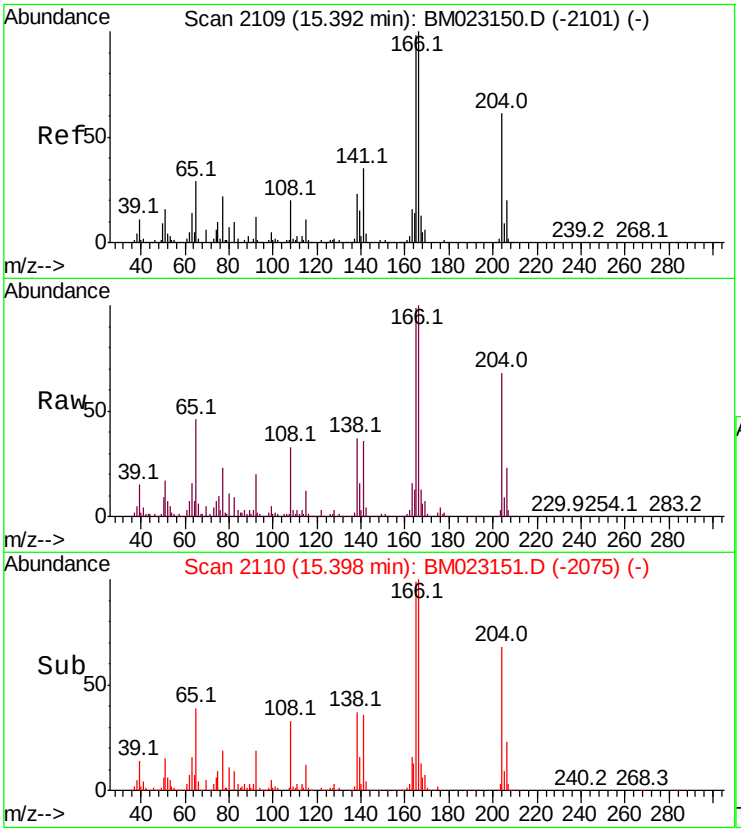


#60
4-Chlorophenyl-phenylether
Concen: 40.807 ng/ul
RT: 15.39 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Tgt Ion:204 Resp: 1276643

Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.8	38.8
141	55.9	45.3	67.9



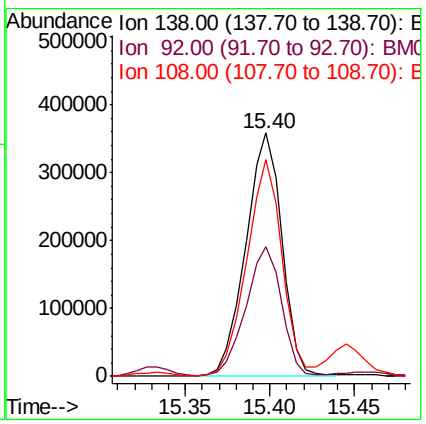


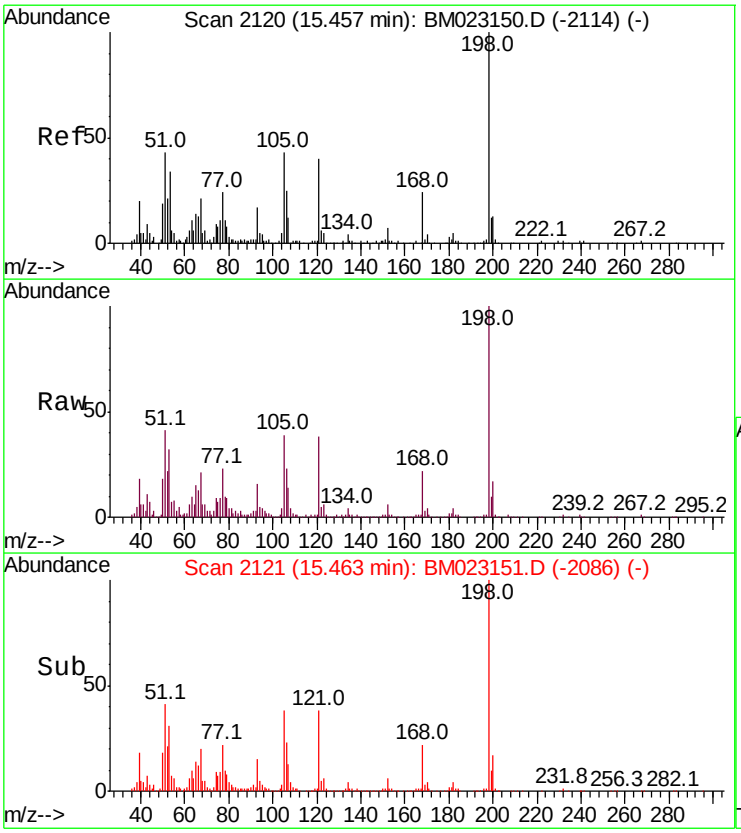
#61
4-Nitroaniline
Concen: 38.695 ng/ul
RT: 15.40 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:138 Resp: 534893

Ion	Ratio	Lower	Upper
138	100		
92	53.0	42.6	64.0
108	88.9	71.9	107.9

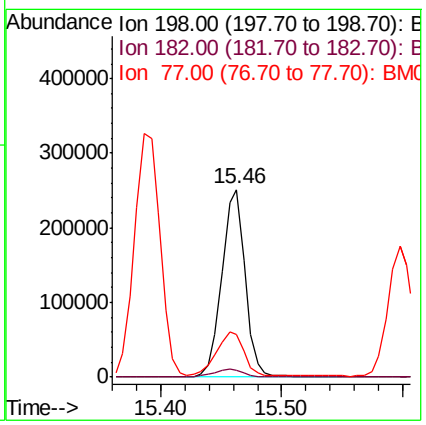


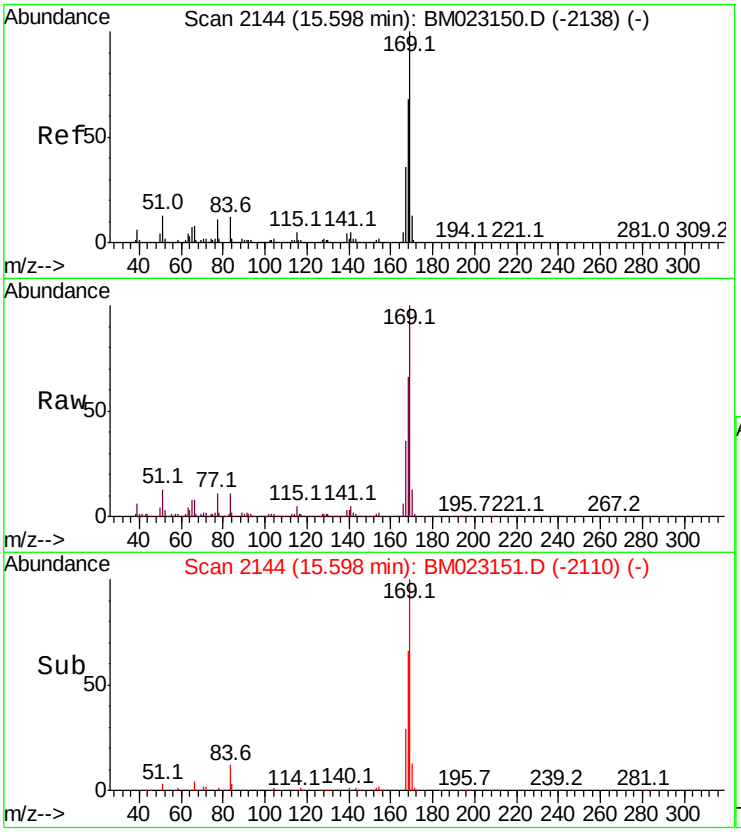


#64
4,6-Dinitro-2-methylphenol
Concen: 26.587 ng/ul
RT: 15.46 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Tgt Ion:198 Resp: 336213

Ion	Ratio	Lower	Upper
198	100		
182	3.8	4.1	6.1#
77	22.6	20.8	31.2



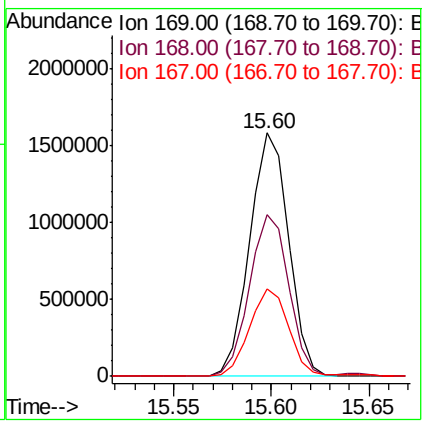


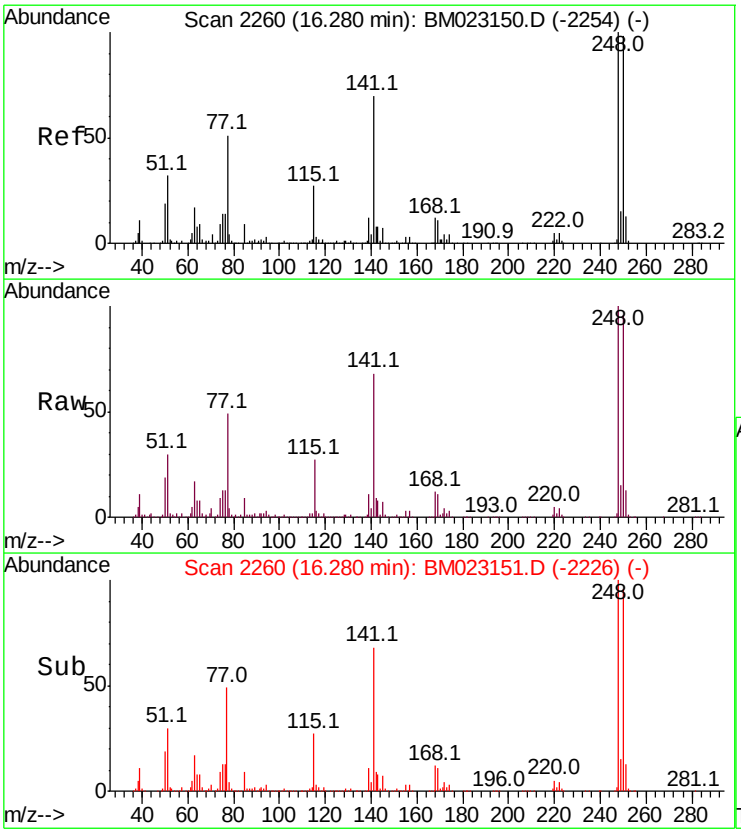
#65
N-Nitrosodiphenylamine
Concen: 38.317 ng/ul
RT: 15.60 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:169 Resp: 2188363

Ion	Ratio	Lower	Upper
169	100		
168	66.2	54.6	82.0
167	35.8	28.9	43.3

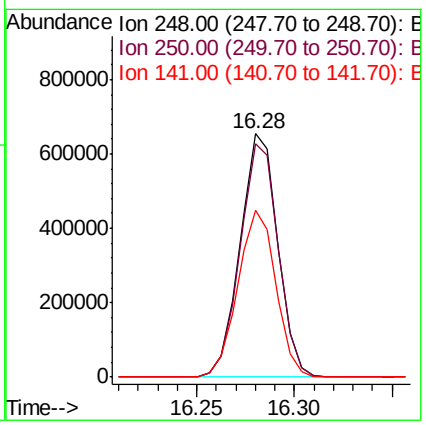


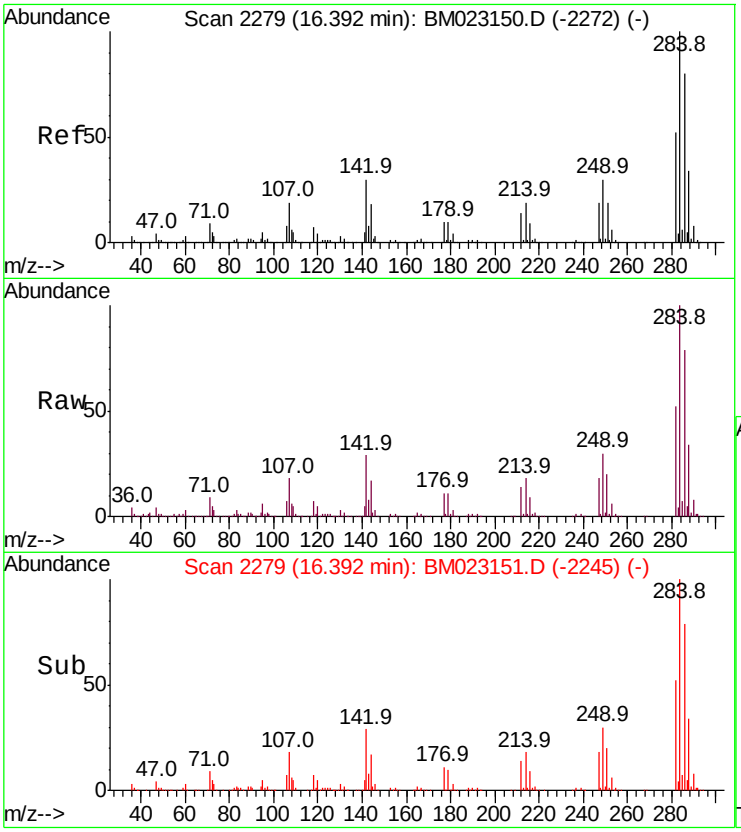


#66
4-Bromophenyl-phenylether
Concen: 41.572 ng/ul
RT: 16.28 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Tgt Ion:248 Resp: 871422

Ion	Ratio	Lower	Upper
248	100		
250	95.7	78.1	117.1
141	68.4	56.4	84.6



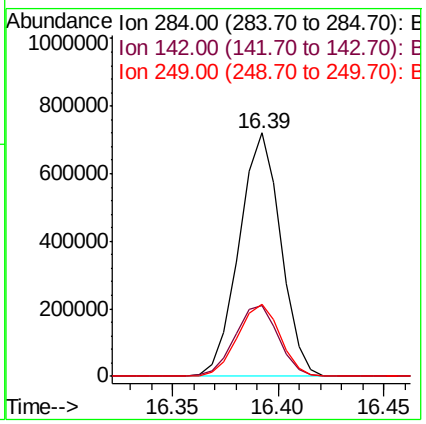


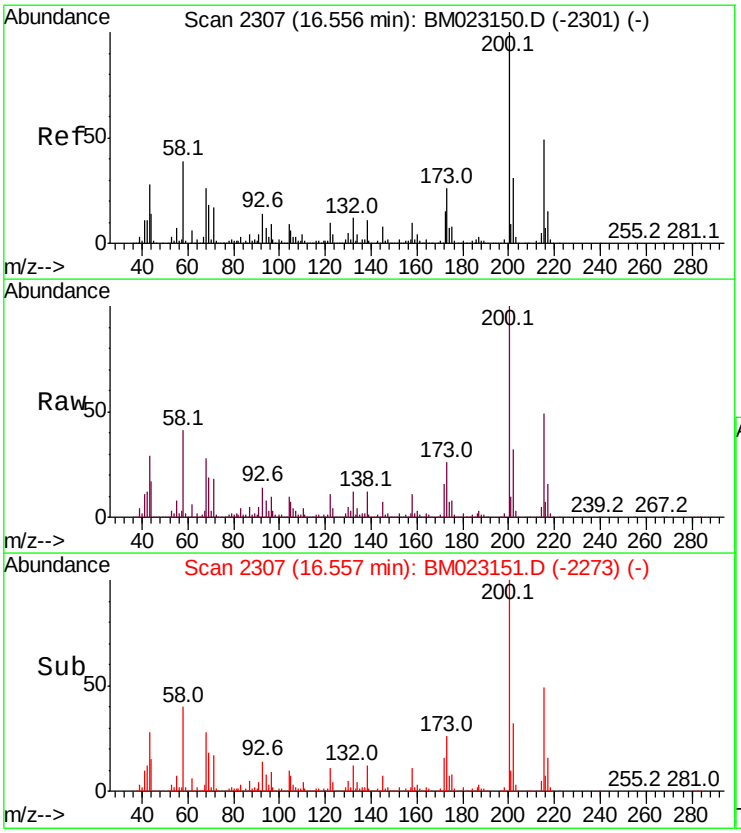
#67
Hexachlorobenzene
Concen: 42.195 ng/ul
RT: 16.39 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:284 Resp: 986154

Ion	Ratio	Lower	Upper
284	100		
142	29.2	23.8	35.8
249	29.8	24.2	36.2

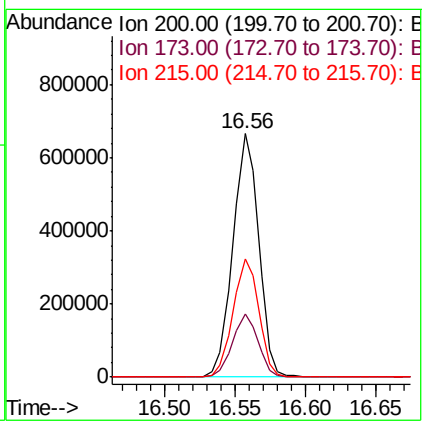


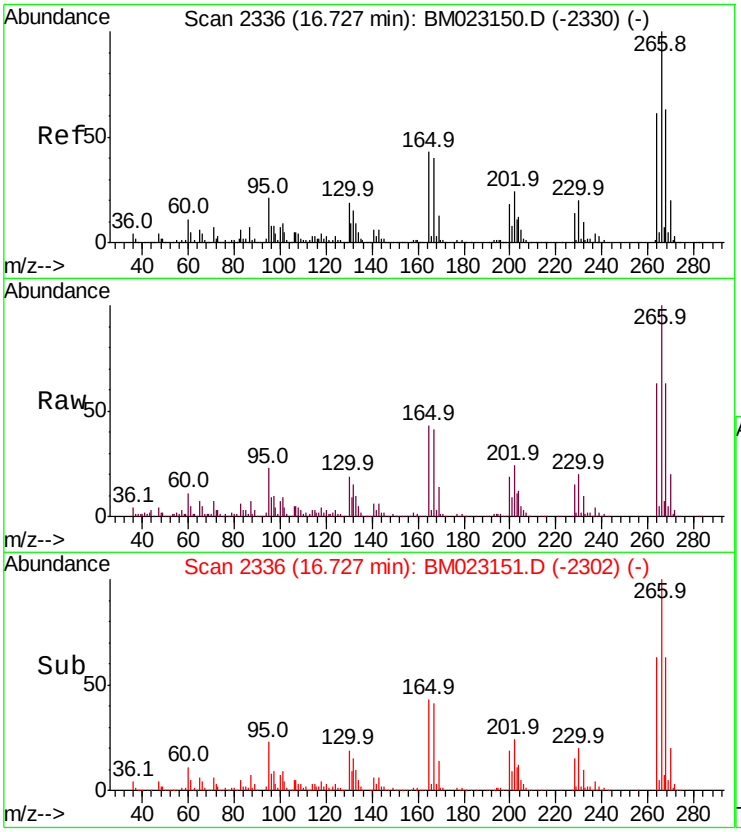


#68
Atrazine
Concen: 40.695 ng/ul
RT: 16.56 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Tgt Ion:200 Resp: 849716

Ion	Ratio	Lower	Upper
200	100		
173	25.8	21.0	31.4
215	48.6	39.2	58.8



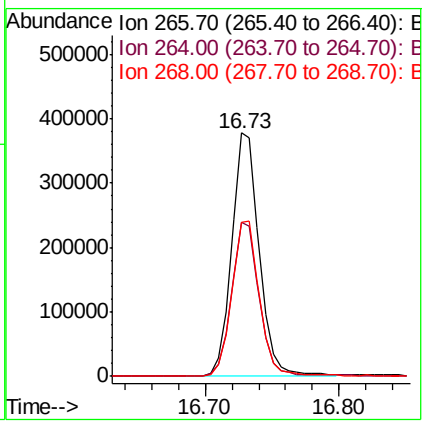


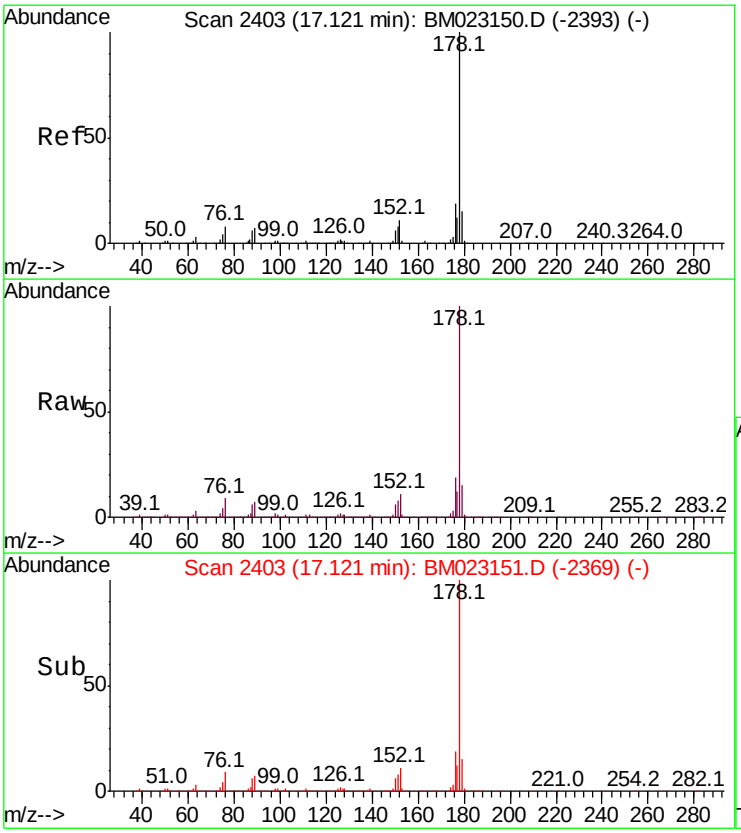
#69
Pentachlorophenol
Concen: 35.776 ng/ul
RT: 16.73 min Scan# 2336
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:266 Resp: 542446

Ion	Ratio	Lower	Upper
266	100		
264	63.1	49.1	73.7
268	63.5	50.6	75.8

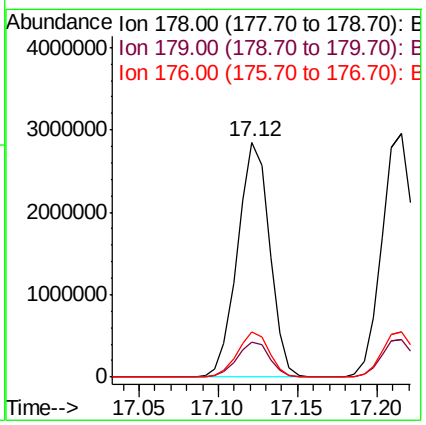


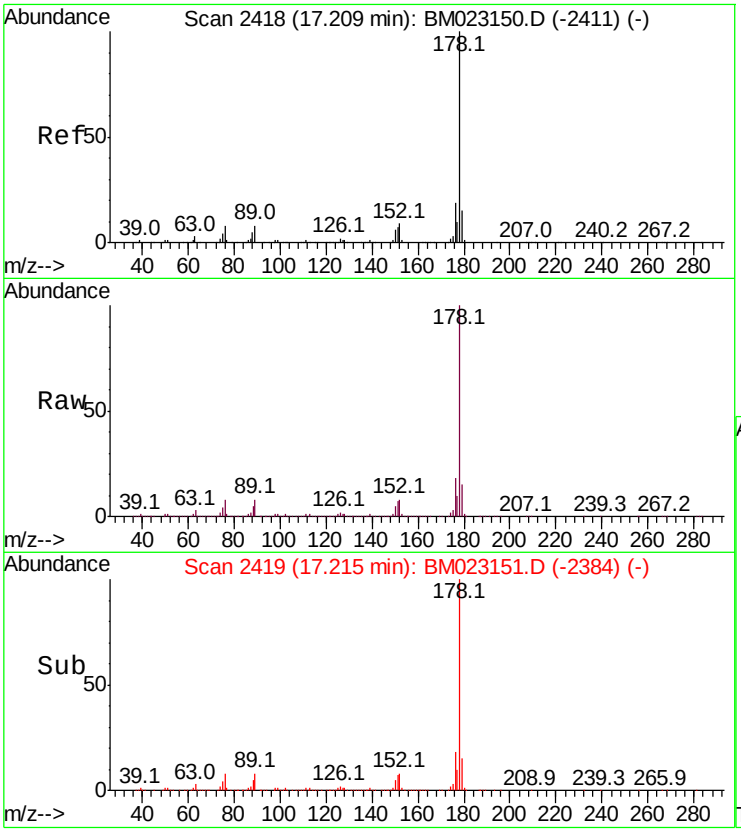


#70
Phenanthrene
Concen: 38.628 ng/ul
RT: 17.12 min Scan# 2403
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Tgt Ion:178 Resp: 4005802

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.3	18.5
176	19.2	15.5	23.3



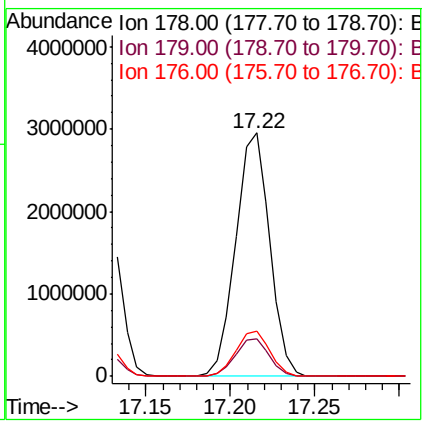


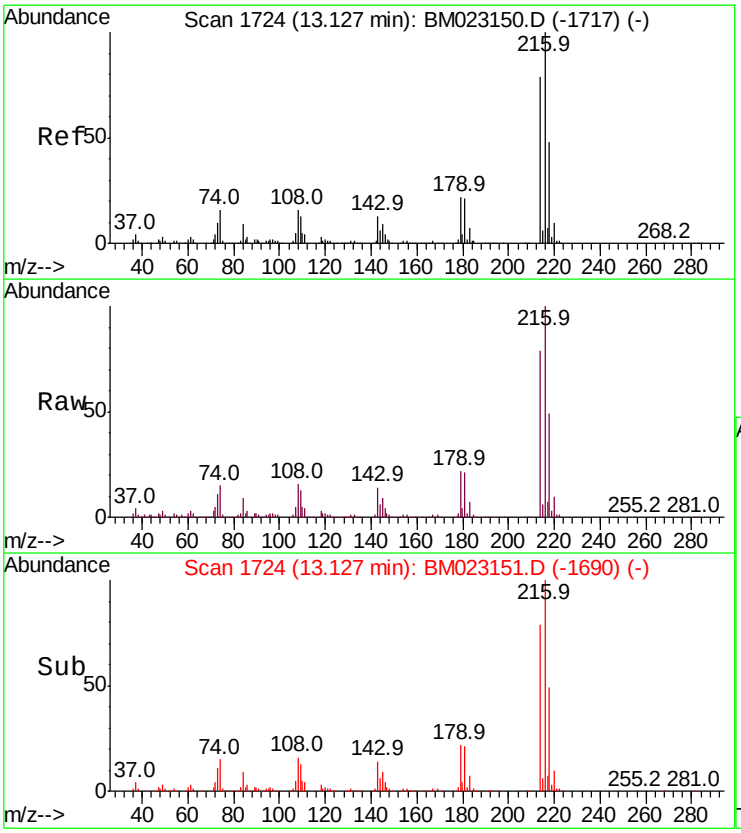
#72
Anthracene
Concen: 39.166 ng/ul
RT: 17.22 min Scan# 2419
Delta R.T. 0.01 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 4138571

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.4	15.0	22.4

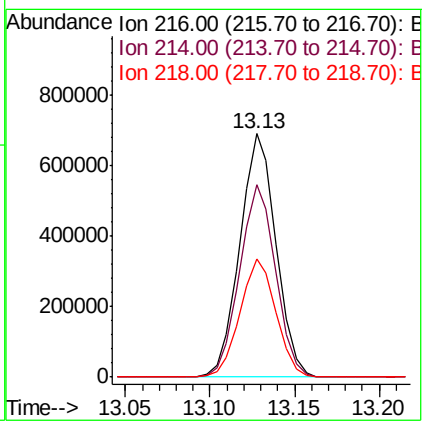


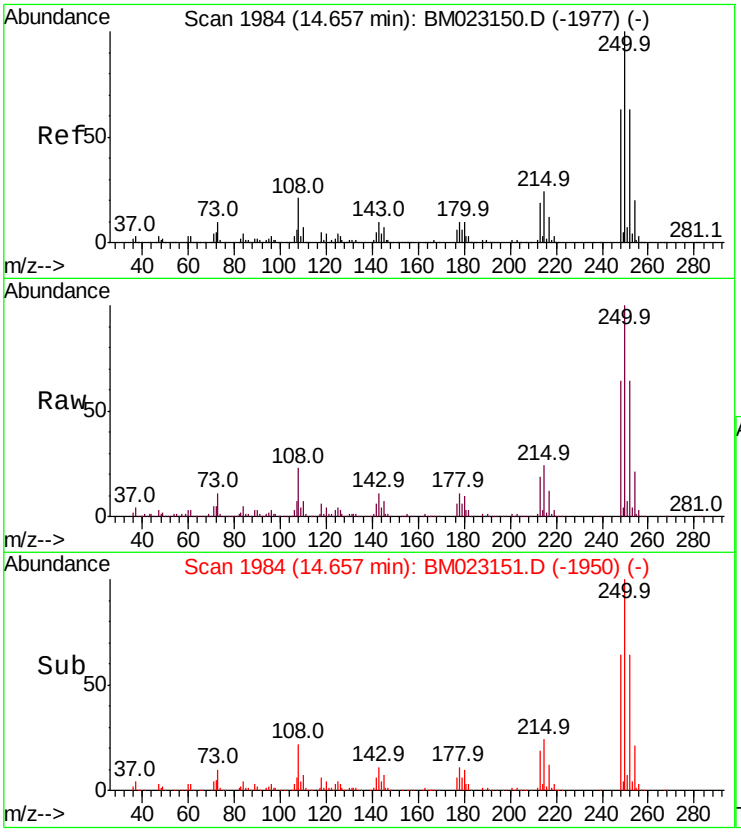


#73
1,2,3,4-Tetrachlorobenzene
Concen: 37.925 ng/uL
RT: 13.13 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Tgt Ion:216 Resp: 1028400

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.2	94.8
218	48.8	38.4	57.6



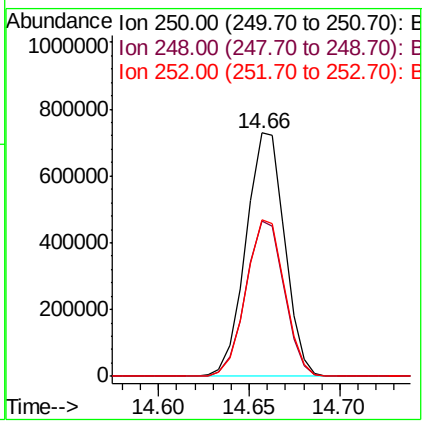


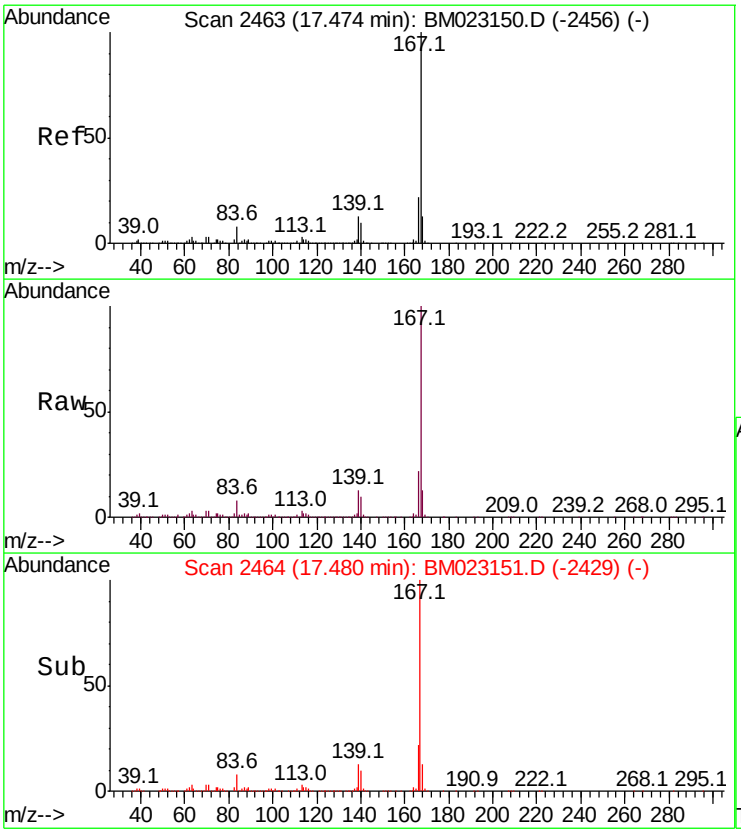
#74
Pentachlorobenzene
Concen: 39.962 ng/uL
RT: 14.66 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:250 Resp: 1081649

Ion	Ratio	Lower	Upper
250	100		
248	63.9	50.2	75.2
252	64.1	50.2	75.4

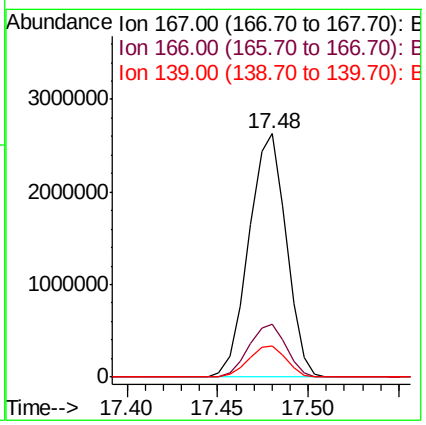


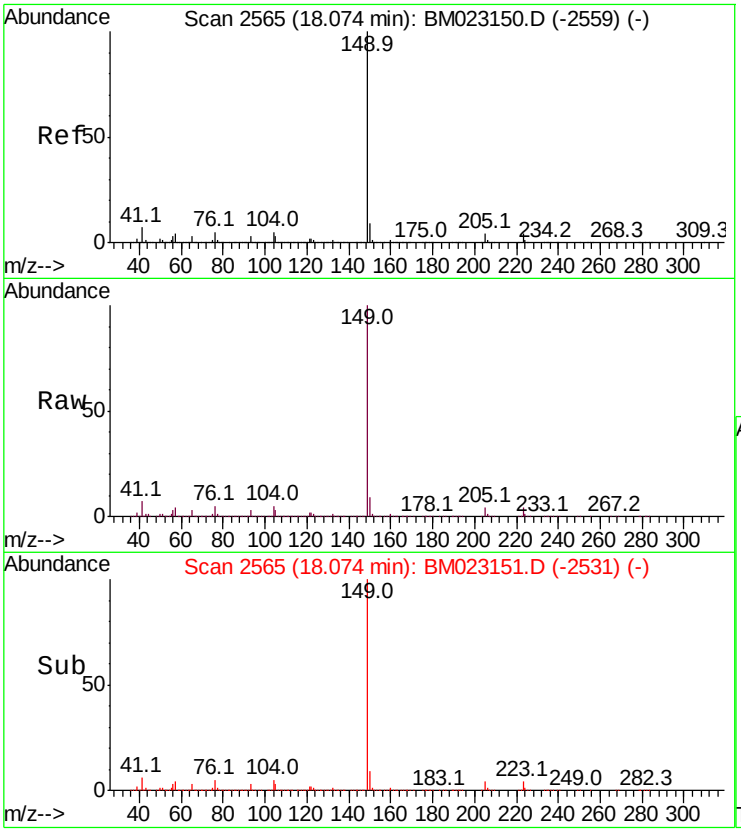


#75
Carbazole
Concen: 40.110 ng/ul
RT: 17.48 min Scan# 2464
Delta R.T. 0.01 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Tgt Ion:167 Resp: 3766841

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	12.7	10.2	15.2



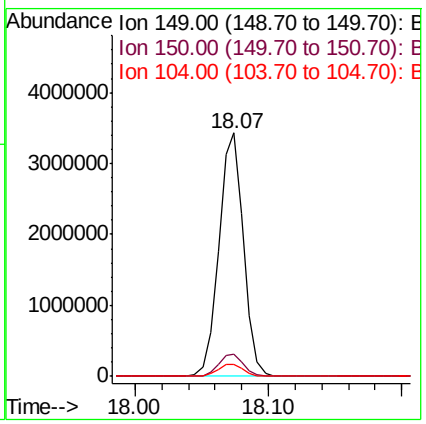


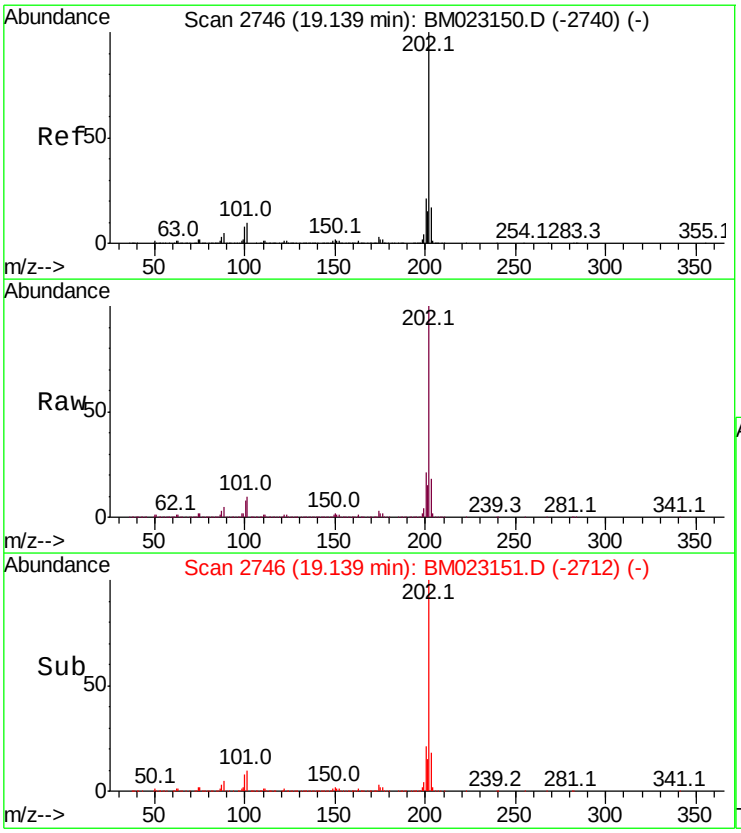
#76
Di-n-butylphthalate
Concen: 39.795 ng/ul
RT: 18.07 min Scan# 2565
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 4406263

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.0	10.4
104	5.1	4.0	6.0

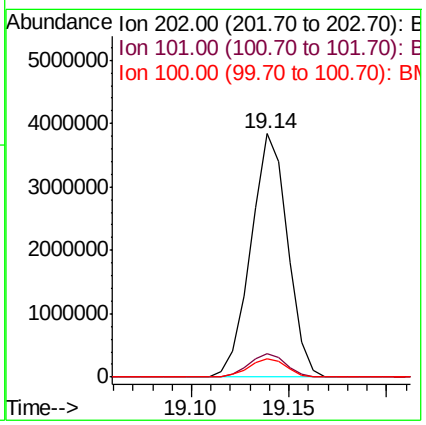


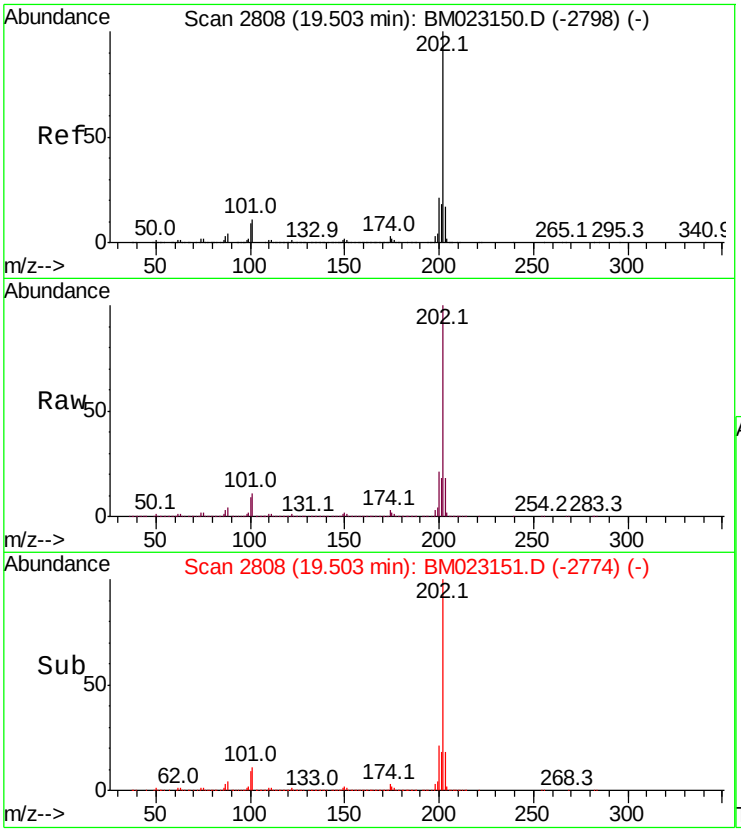


#77
Fluoranthene
Concen: 42.831 ng/ul
RT: 19.14 min Scan# 2746
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Tgt Ion:202 Resp: 4995559

Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.8	11.8
100	7.5	6.1	9.1



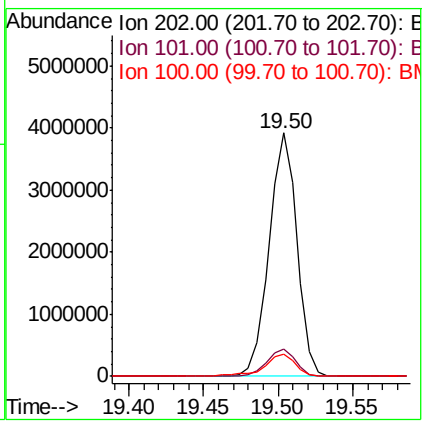


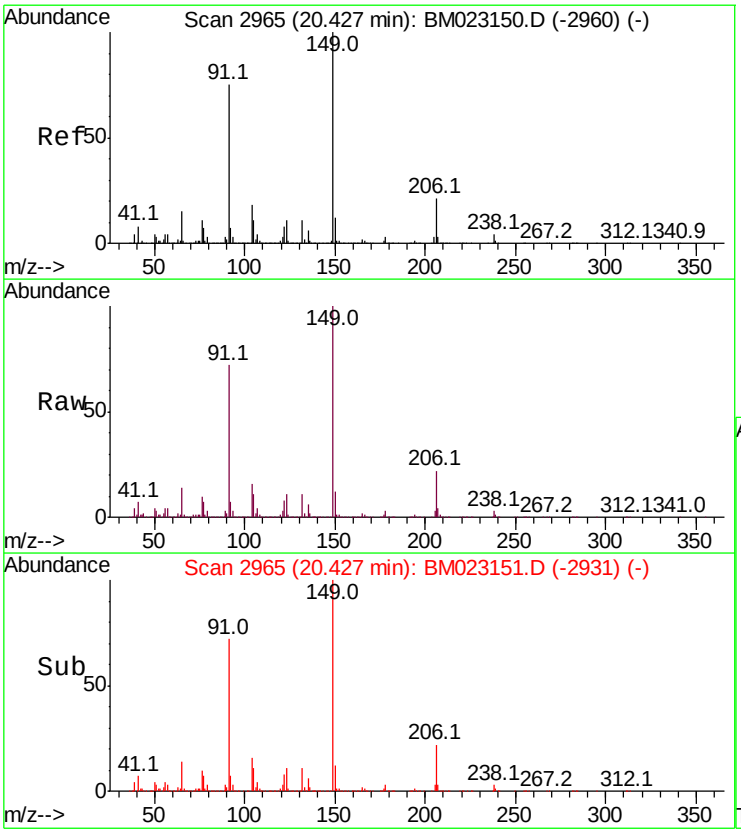
#80
Pyrene
Concen: 36.490 ng/ul
RT: 19.50 min Scan# 2808
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 5078418

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.1	13.7
100	9.3	7.5	11.3

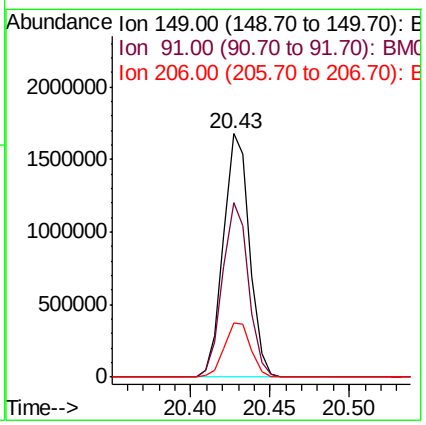


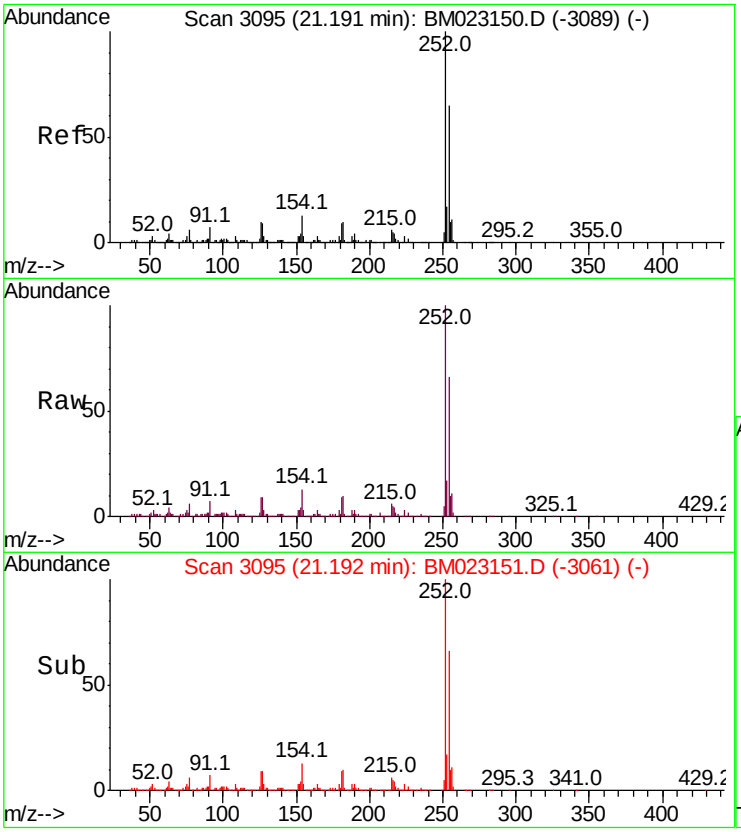


#81
Butylbenzylphthalate
Concen: 33.248 ng/ul
RT: 20.43 min Scan# 2965
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Tgt Ion:149 Resp: 1903009

Ion	Ratio	Lower	Upper
149	100		
91	71.9	59.9	89.9
206	22.4	17.1	25.7



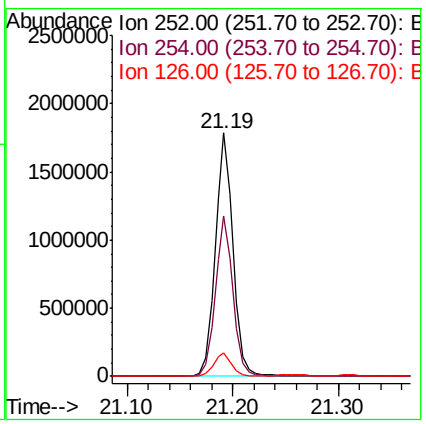


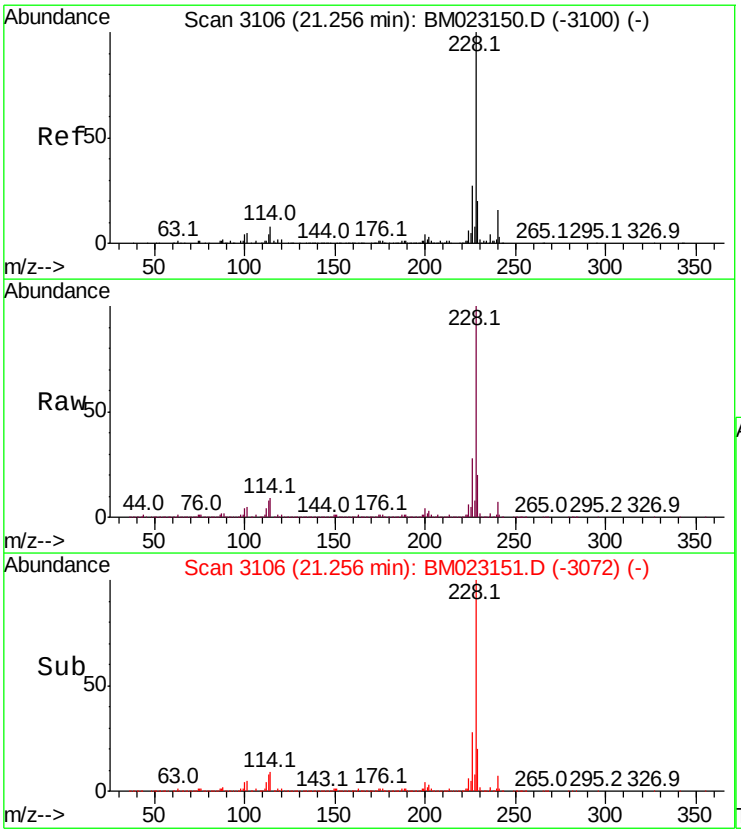
#82
3,3'-Dichlorobenzidine
Concen: 47.138 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2108187

Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.8	77.6
126	9.5	8.0	12.0

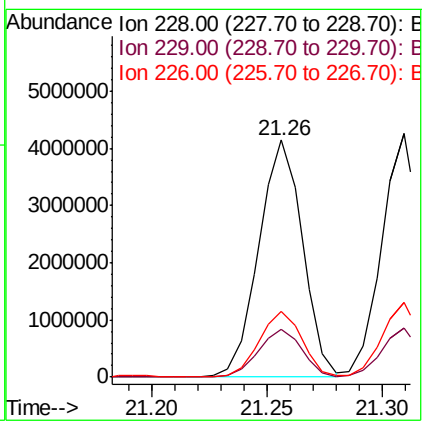


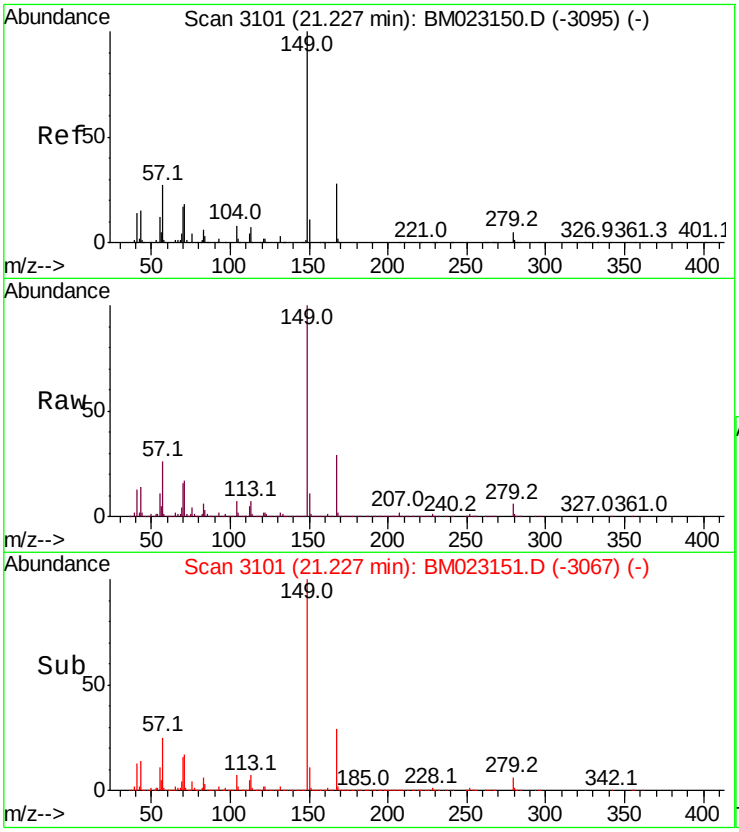


#83
Benzo(a)anthracene
Concen: 38.626 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Tgt Ion:228 Resp: 5444533

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.7	23.5
226	27.6	21.6	32.4



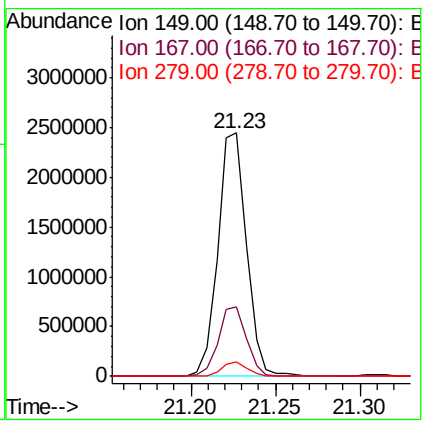


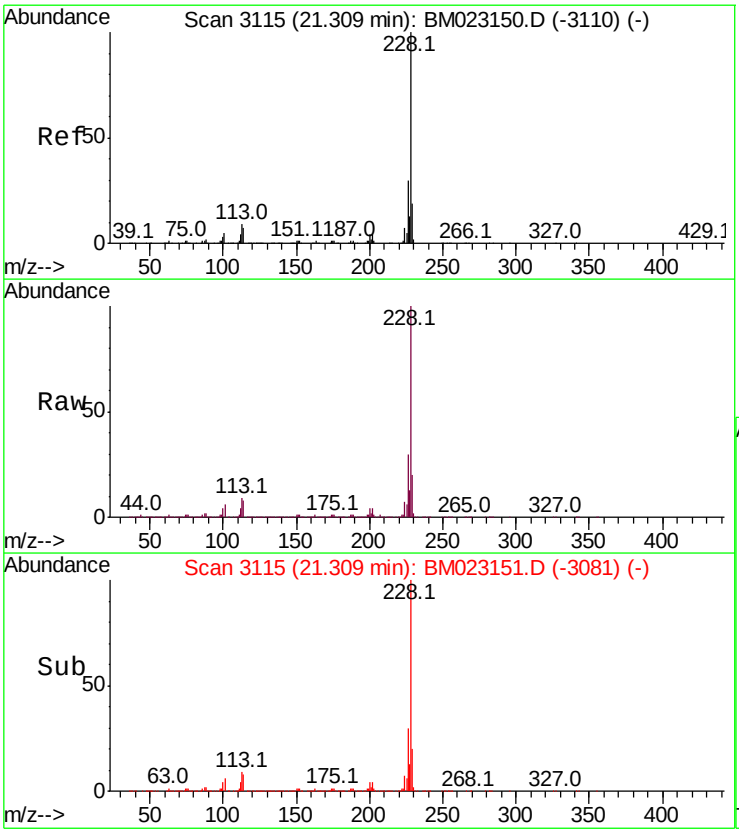
#84
Bis(2-ethylhexyl)phthalate
Concen: 35.200 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 2862677

Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.5	33.7
279	5.8	4.0	6.0

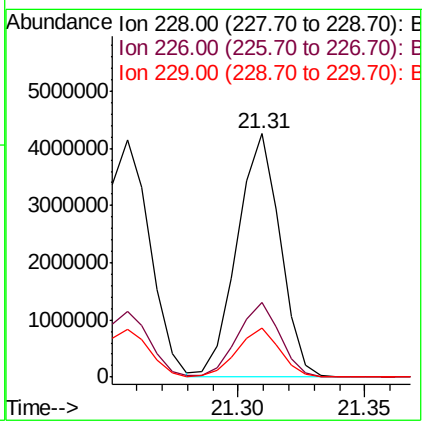


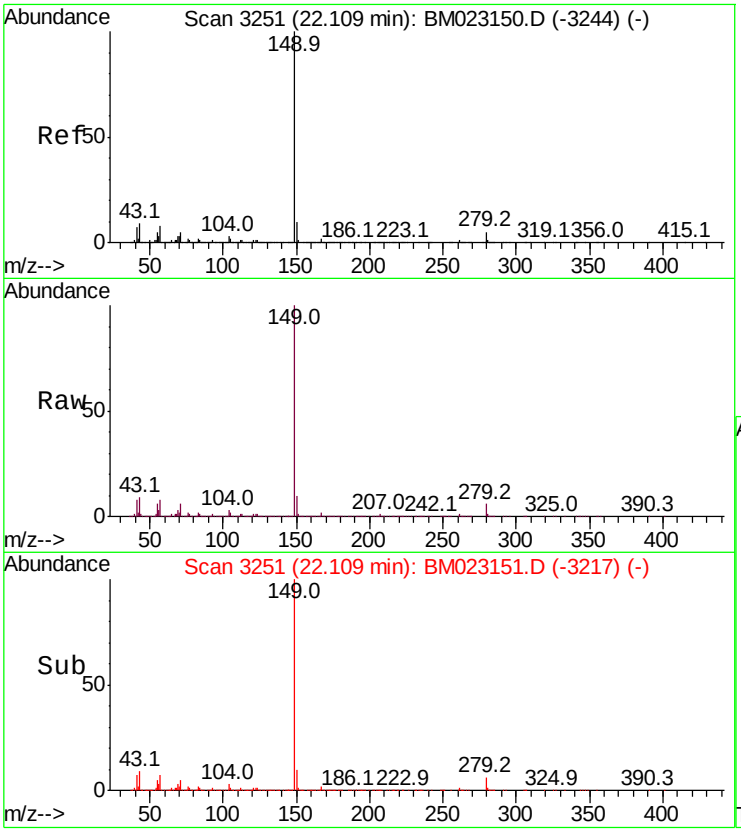


#85
Chrysene
Concen: 38.667 ng/ul
RT: 21.31 min Scan# 3115
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Tgt Ion:228 Resp: 5025116

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.8	35.6
229	20.0	15.5	23.3

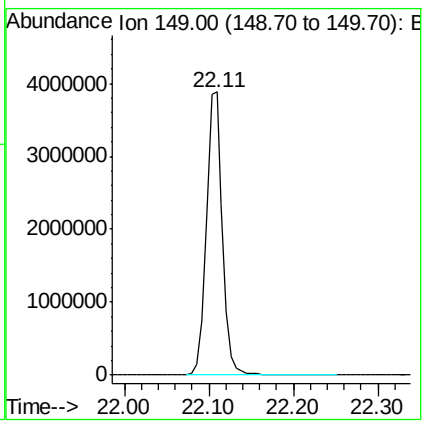


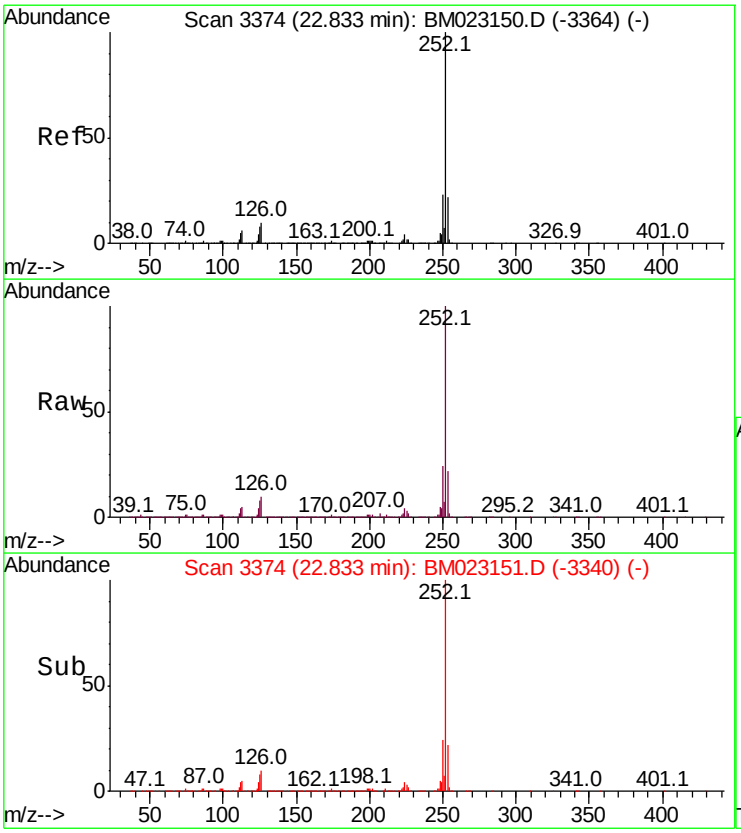


#87
Di-n-octyl phthalate
Concen: 32.525 ng/ul
RT: 22.11 min Scan# 3251
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 5156233

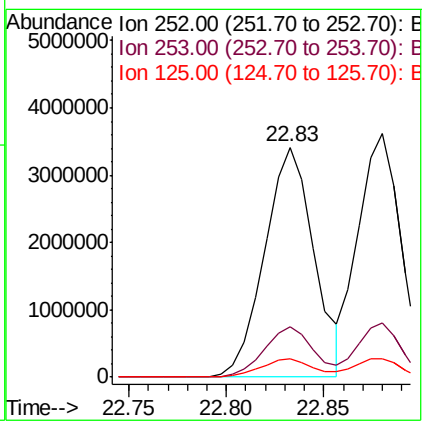


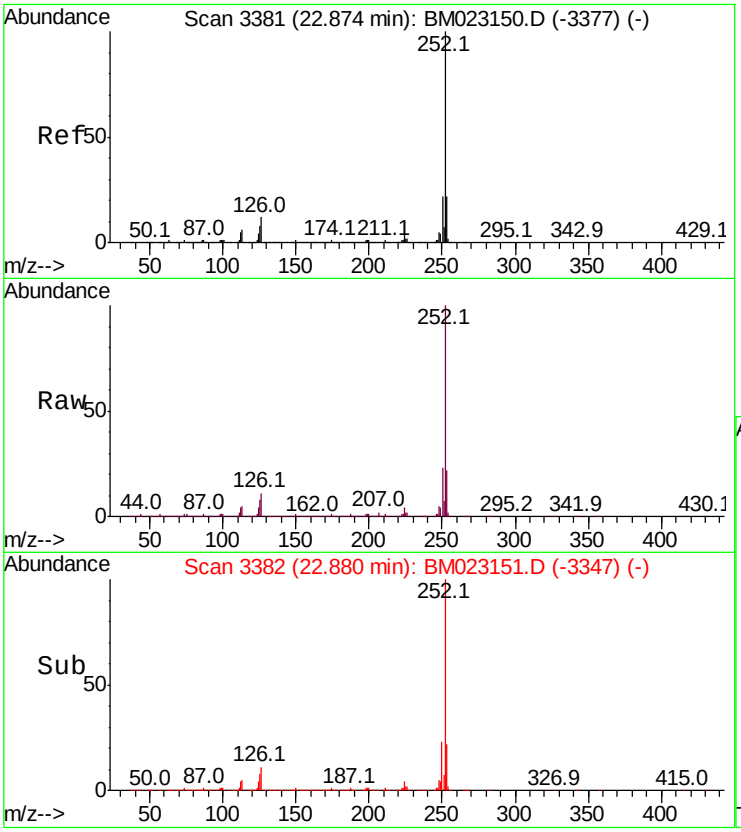


#88
Benzo(b)fluoranthene
Concen: 38.775 ng/ul
RT: 22.83 min Scan# 3374
Delta R.T. 0.00 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Tgt Ion:252 Resp: 5998295

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	7.9	6.4	9.6



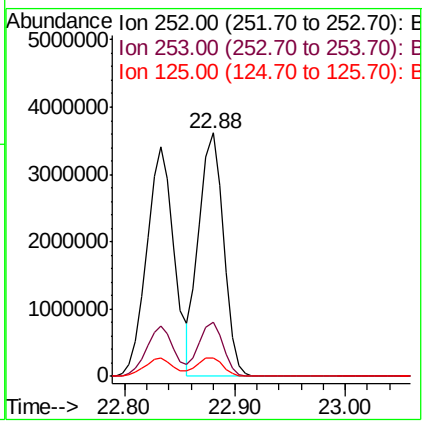


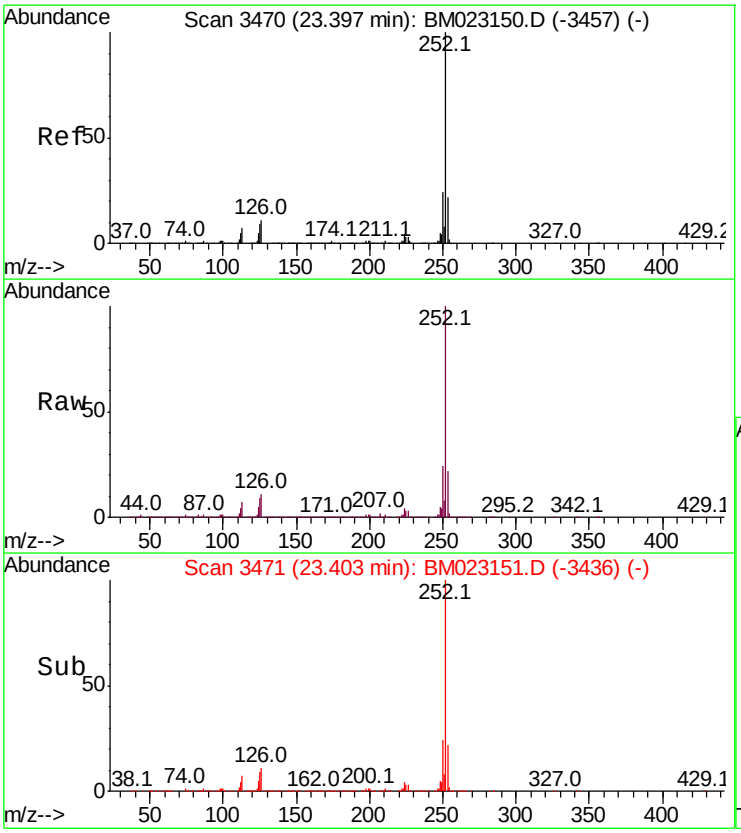
#89
Benzo(k)fluoranthene
Concen: 37.335 ng/ul
RT: 22.88 min Scan# 3382
Delta R.T. 0.01 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 5525543

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	7.7	6.5	9.7

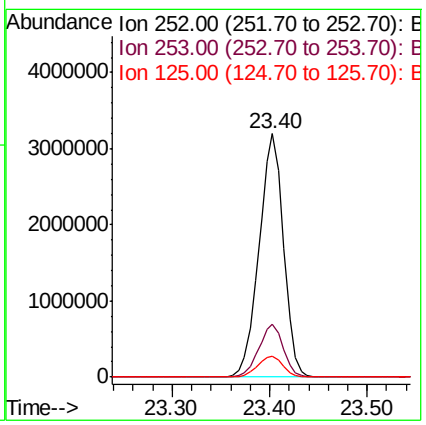


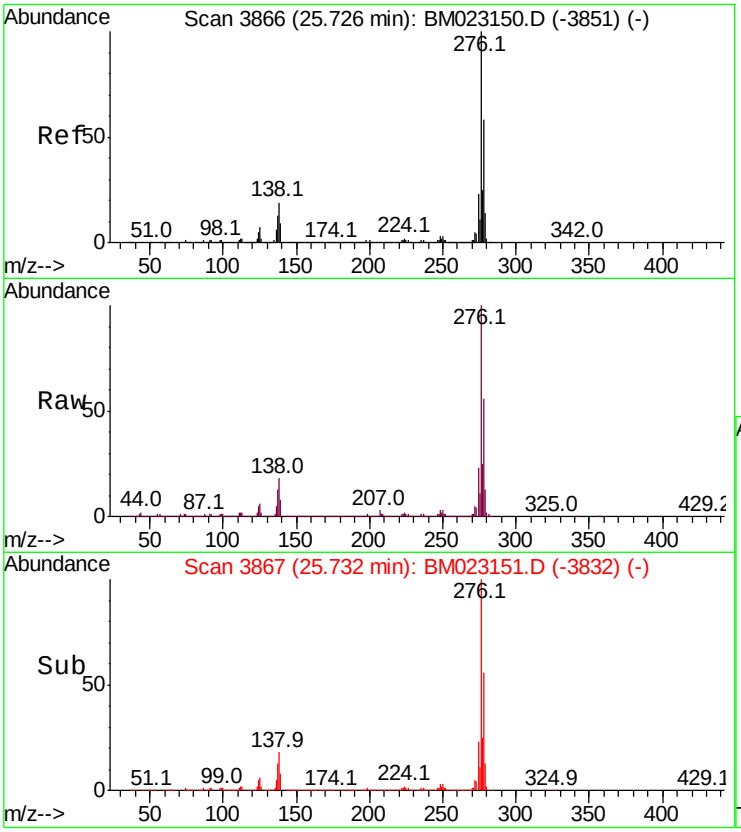


#91
Benzo(a)pyrene
Concen: 38.897 ng/ul
RT: 23.40 min Scan# 3471
Delta R.T. 0.01 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Tgt Ion:252 Resp: 5645139

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	8.7	7.4	11.0



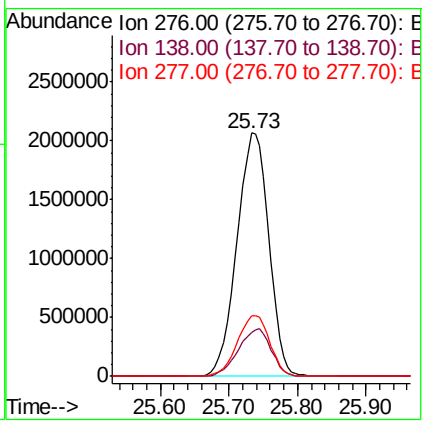


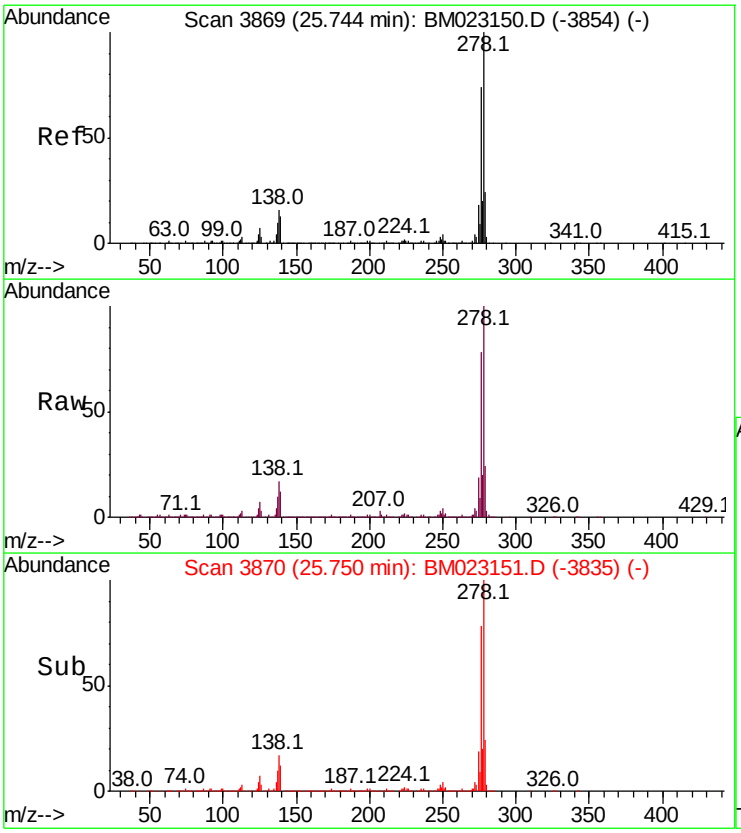
#92
Indeno(1,2,3-cd)pyrene
Concen: 43.358 ng/ul
RT: 25.73 min Scan# 3867
Delta R.T. 0.01 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 6683744

Ion	Ratio	Lower	Upper
276	100		
138	18.3	14.9	22.3
277	24.9	19.8	29.8

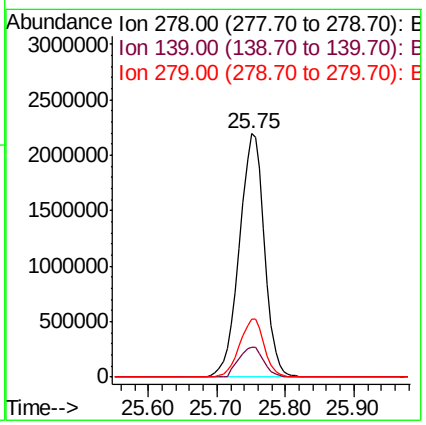


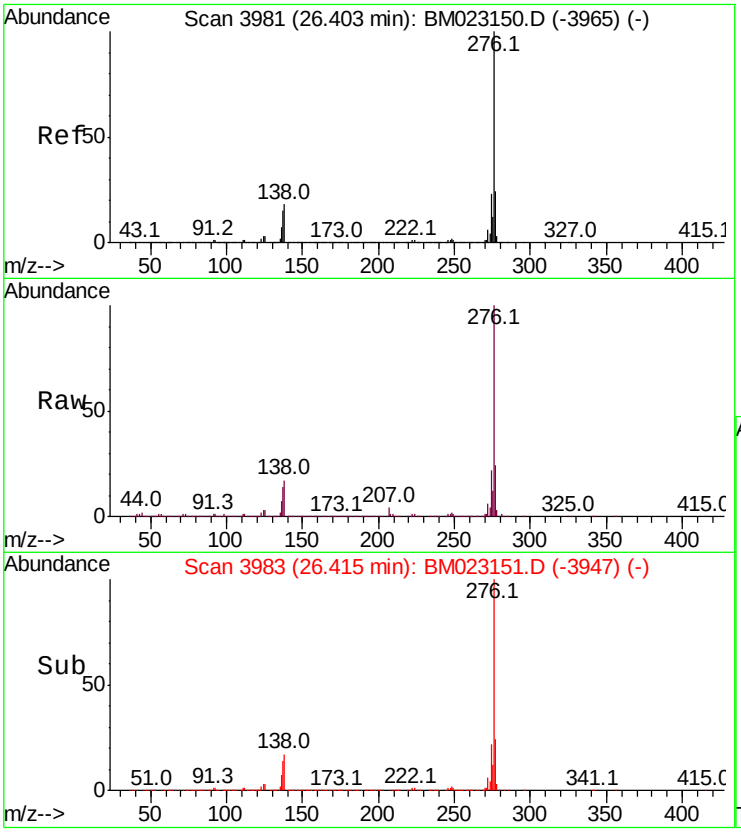


#93
Dibenzo(a,h)anthracene
Concen: 43.349 ng/ul
RT: 25.75 min Scan# 3870
Delta R.T. 0.01 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Tgt Ion:278 Resp: 5590123

Ion	Ratio	Lower	Upper
278	100		
139	12.4	10.0	15.0
279	23.6	19.4	29.0





#94
Benzo(g,h,i)perylene
Concen: 43.862 ng/ul
RT: 26.41 min Scan# 3983
Delta R.T. 0.01 min
Lab File: BM023151.D
Acq: 14 Oct 2019 18:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 5455026

Ion	Ratio	Lower	Upper
276	100		
138	17.0	14.4	21.6
277	23.9	19.4	29.2