Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121919\

Quantitation Report (Not Reviewed)

Data File : BM024203.D
Acq On : 20 Dec 2019 14:52
Operator : JU
Sample : K4649-03MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A5167MSD

Quant Time: Dec 21 00:37:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 21 00:34:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	282967	20.00	ng/ul	0.00
18) Naphthalene-d8	10.20	136	1211227	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	755287	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1557243	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1567821	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1802392	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.99	96	60189	9.40	ng/uL	0.00
5) Phenol-d5	6.63	99	531965	19.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	355972	22.15	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	417596	21.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	423402	19.33	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	197745	22.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	223644	23.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	420732	22.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	547810	24.24	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	1289031	23.08	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1483184	22.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	185839	18.53	ng/ul	0.00
58) Fluorene-d10	15.10	176	1062049	21.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	193512	20.37	ng/ul	0.00
71) Anthracene-d10	16.96	188	1618397	22.84	ng/ul	0.00
79) Pyrene-d10	19.26	212	1713277	22.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	2061254	23.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.03	88	64764	9.128	ng/uL	95
4) Benzaldehyde	6.59	77	369221	21.317	ng/ul	98
6) Phenol	6.66	94	543839	19.657	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.88	93	448175	20.906	ng/ul	97
10) 2-Chlorophenol	7.00	128	425217	21.696	ng/ul	99
11) 2-Methylphenol	7.89	108	397968	19.346	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.97	45	554986	22.478	ng/ul	98
14) Acetophenone	8.26	105	675553	20.453	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.25	70	390688	21.412	ng/ul	99
16) 4-Methylphenol	8.22	108	443361	19.413	ng/ul	100
17) Hexachloroethane	8.49	117	182548	22.567	ng/ul	96
20) Nitrobenzene	8.63	77	531092	21.953	ng/ul	98
21) Isophorone	9.16	82	1000228	22.120	ng/ul	99
23) 2-Nitrophenol	9.33	139	244370	23.195	ng/ul	93
24) 2,4-Dimethylphenol	9.41	107	511649	22.513	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.64	93	631881	22.493	ng/ul	98
27) 2,4-Dichlorophenol	9.87	162	405939	22.295	ng/ul	97
28) Naphthalene	10.25	128	1387862	21.866	ng/ul	100
30) 4-Chloroaniline	10.38	127	549616	24.100	ng/ul	96
31) Hexachlorobutadiene	10.54	225	262198	23.294	ng/ul	99
32) Caprolactam	11.17	113	105859	15.386	ng/ul	91
33) 4-Chloro-3-methylphenol	11.52	107	457719	20.950	ng/ul	98
34) 2-Methylnaphthalene	11.88	142	1011185	22.288	ng/ul	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121919\

Quantitation Report (Not Reviewed)

Data File : BM024203.D
Acq On : 20 Dec 2019 14:52
Operator : JU
Sample : K4649-03MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A5167MSD

Quant Time: Dec 21 00:37:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 21 00:34:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.10	142	985135	21.274	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.26	216	496505	24.318	ng/ul	100
38) Hexachlorocyclopentadiene	12.23	237	147188	15.999	ng/ul	99
39) 2,4,6-Trichlorophenol	12.52	196	308952	22.880	ng/ul	99
40) 2,4,5-Trichlorophenol	12.60	196	325989	22.395	ng/ul	99
41) 1,1'-Biphenyl	12.92	154	1315848	23.340	ng/ul	100
42) 2-Chloronaphthalene	12.96	162	998841	22.550	ng/ul	99
43) 2-Nitroaniline	13.18	65	287191	22.114	ng/ul	94
45) Dimethylphthalate	13.57	163	1270689	21.891	ng/ul	99
46) 2,6-Dinitrotoluene	13.69	165	245710	21.489	ng/ul	95
48) Acenaphthylene	13.82	152	1506893	21.209	ng/ul	100
49) 3-Nitroaniline	14.02	138	230173	21.211	ng/ul	95
50) Acenaphthene	14.16	153	1074279	21.990	ng/ul	99
51) 2,4-Dinitrophenol	14.25	184	106618	16.593	ng/ul	100
53) 4-Nitrophenol	14.36	109	151407	18.935	ng/ul	95
54) Dibenzofuran	14.50	168	1516487	22.329	ng/ul	99
55) 2,4-Dinitrotoluene	14.50	165	366993	21.253	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	14.74	232	291548	22.154	ng/ul	96
57) Diethylphthalate	14.95	149	1327566	22.496	ng/ul	99
59) Fluorene	15.16	166	1226644	21.387	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.16	204	613015	21.980	ng/ul	96
61) 4-Nitroaniline	15.20	138	222425	18.563	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.27	198	207428	20.443	ng/ul	98
65) N-Nitrosodiphenylamine	15.37	169	1058205	23.371	ng/ul	100
66) 4-Bromophenyl-phenylether	16.06	248	396105	23.930	ng/ul	98
67) Hexachlorobenzene	16.17	284	453943	22.397	ng/ul	98
68) Atrazine	16.34	200	377448	22.426	ng/ul	99
69) Pentachlorophenol	16.52	266	217243	20.454	ng/ul	98
70) Phenanthrene	16.90	178	1902218	21.819	ng/ul	99
72) Anthracene	16.99	178	1946984	22.214	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.88	216	482978	24.712	ng/uL	97
74) Pentachlorobenzene	14.42	250	520645	24.188	ng/uL	98
75) Carbazole	17.27	167	1660457	22.053	ng/ul	100
76) Di-n-butylphthalate	17.84	149	2265005	25.084	ng/ul	100
77) Fluoranthene	18.93	202	2142958	22.552	ng/ul	99
80) Pyrene	19.29	202	2229326	21.781	ng/ul	99
81) Butylbenzylphthalate	20.22	149	1048205	25.995	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.00	252	820922	23.587	ng/ul	100
83) Benzo(a)anthracene	21.06	228	2287497	22.900	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	1660628	27.635	ng/ul	100
85) Chrysene	21.11	228	2157483	22.035	ng/ul	99
87) Di-n-octyl phthalate	21.86	149	2824255	29.001	ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	2464542	22.853	ng/ul	99
89) Benzo(k)fluoranthene	22.62	252	2362781	22.329	ng/ul	100
91) Benzo(a)pyrene	23.11	252	2325065	23.832	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.30	276	2787113	23.791	ng/ul	99
93) Dibenzo(a,h)anthracene	25.31	278	2359386	24.022	ng/ul	100
94) Benzo(g,h,i)perylene	25.94	276	2305317	24.102	ng/ul	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121919\

Quantitation Report (Not Reviewed)

Data File : BM024203.D
Acq On : 20 Dec 2019 14:52
Operator : JU
Sample : K4649-03MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Quant Time: Dec 21 00:37:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 21 00:34:28 2019
Response via : Initial Calibration

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

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

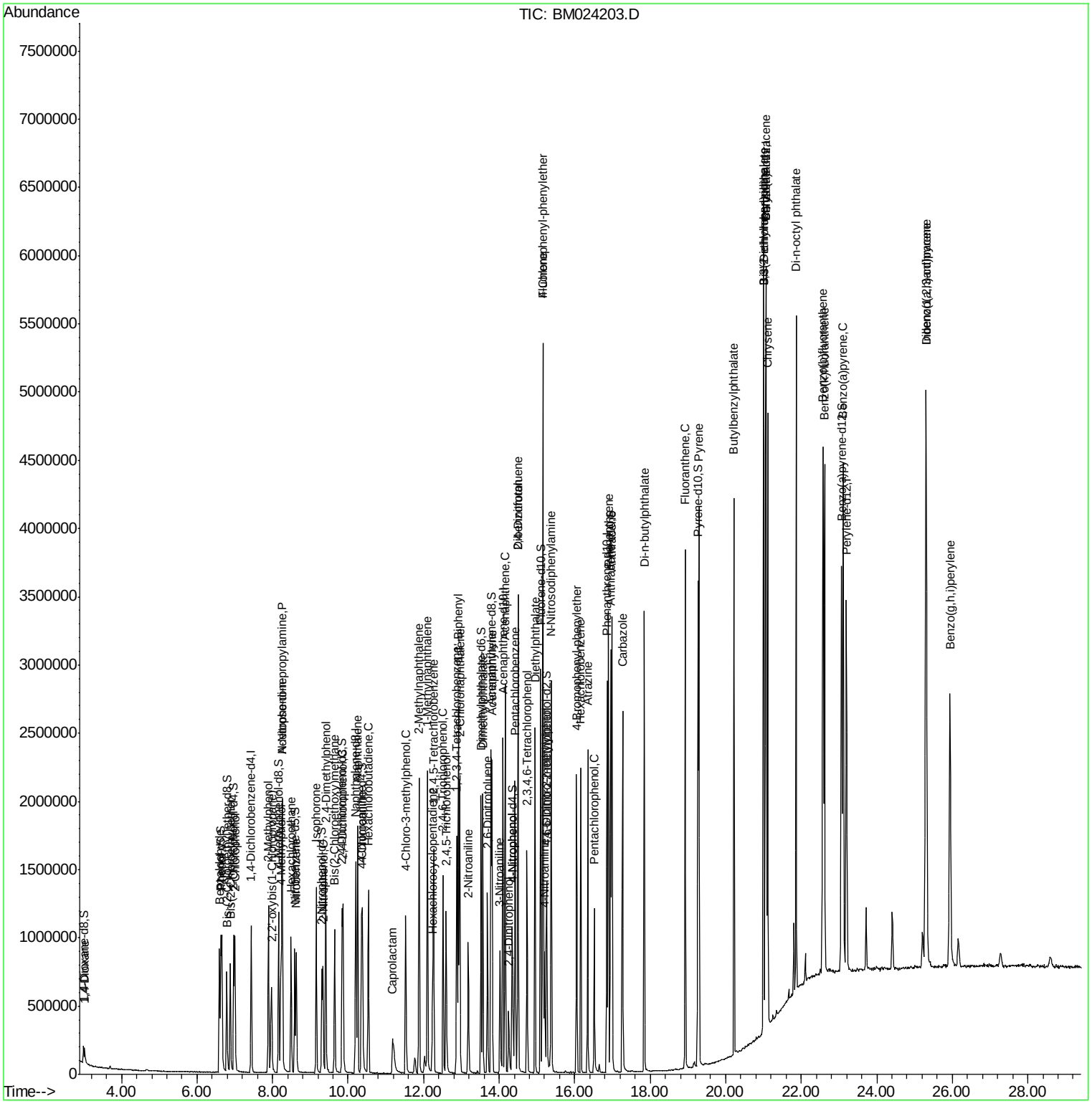
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121919\

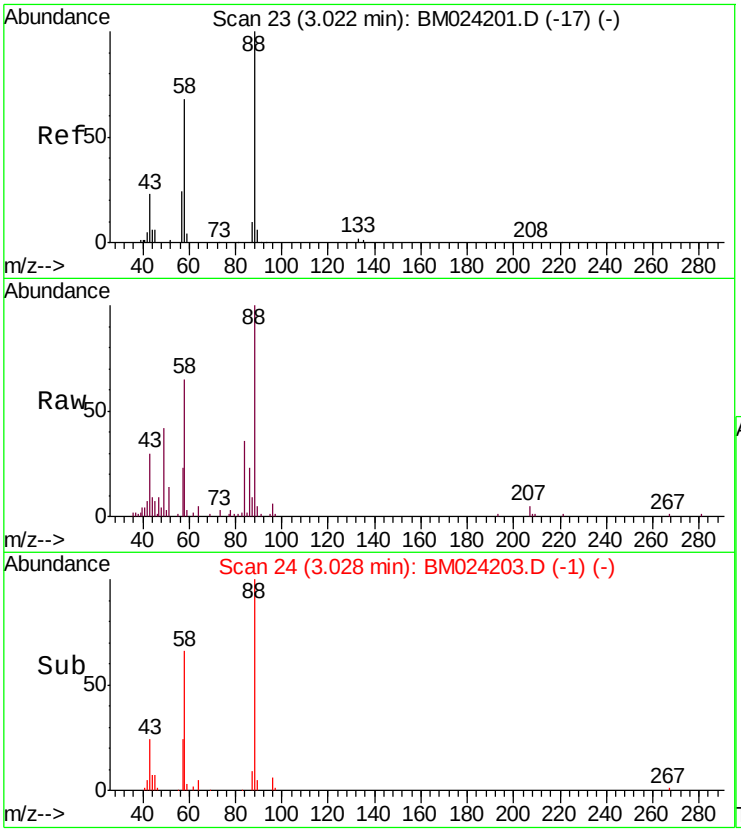
Quantitation Report (Not Reviewed)

Data File : BM024203.D
Acq On : 20 Dec 2019 14:52
Operator : JU
Sample : K4649-03MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Quant Time: Dec 21 00:37:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 21 00:34:28 2019
Response via : Initial Calibration



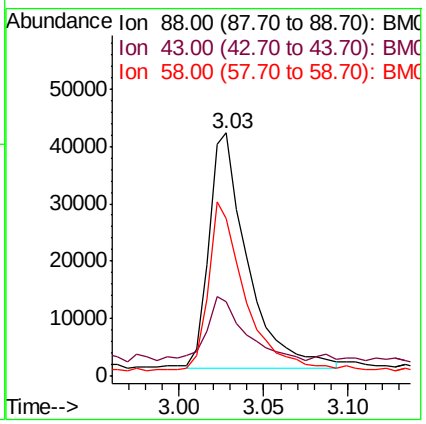


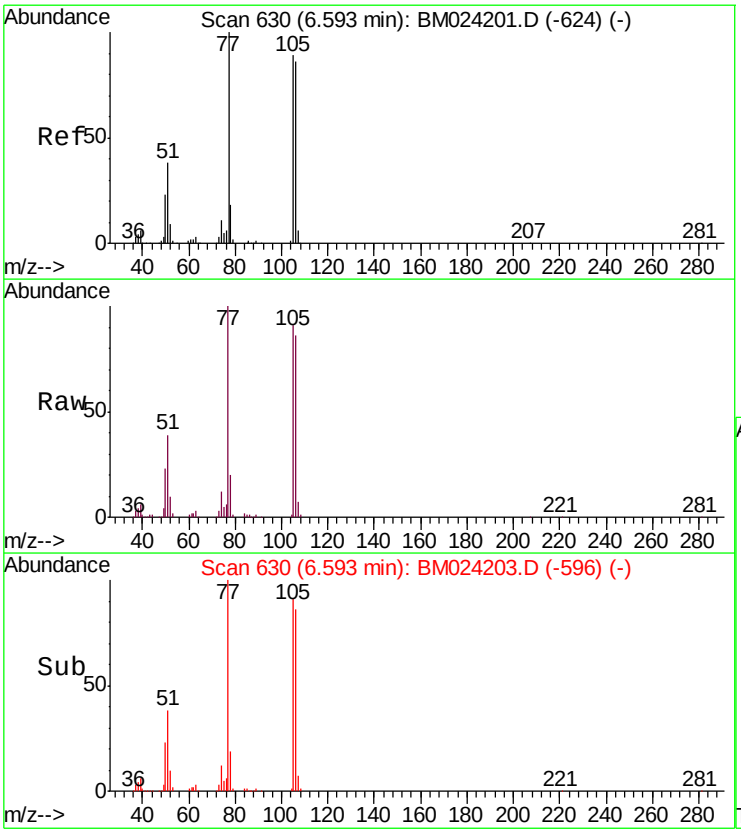
#2
1,4-Dioxane
Concen: 9.128 ng/uL
RT: 3.03 min Scan# 24
Delta R.T. 0.01 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tgt Ion: 88 Resp: 64764

Ion	Ratio	Lower	Upper
88	100		
43	30.4	25.9	38.9
58	64.9	48.8	73.2

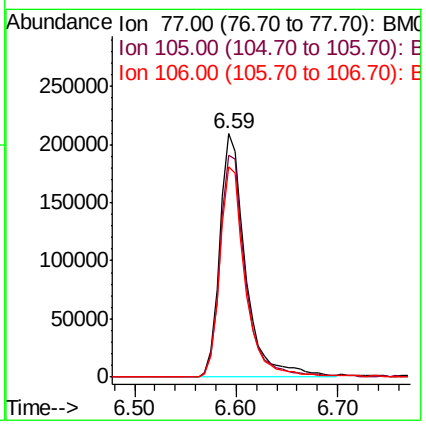


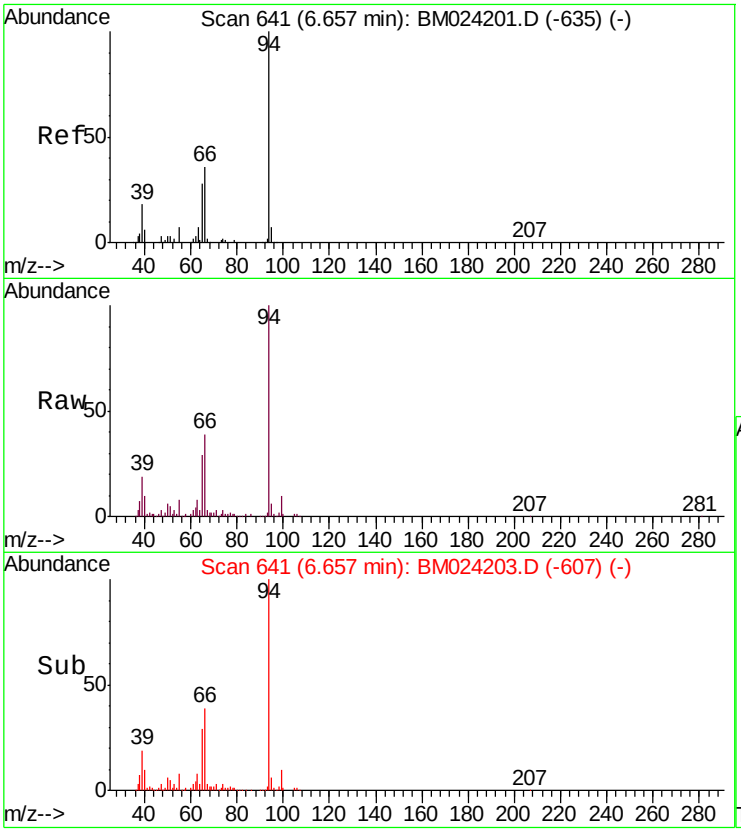


#4
Benzaldehyde
Concen: 21.317 ng/ul
RT: 6.59 min Scan# 630
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion: 77 Resp: 369221

Ion	Ratio	Lower	Upper
77	100		
105	91.3	72.2	108.2
106	86.3	67.3	100.9



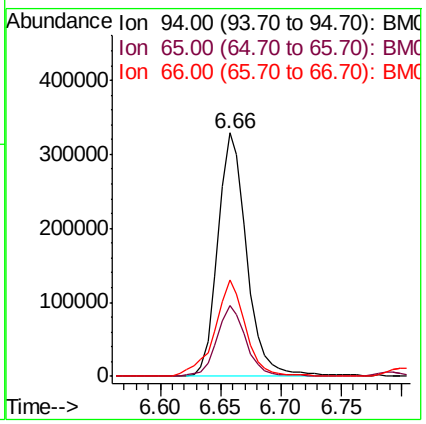


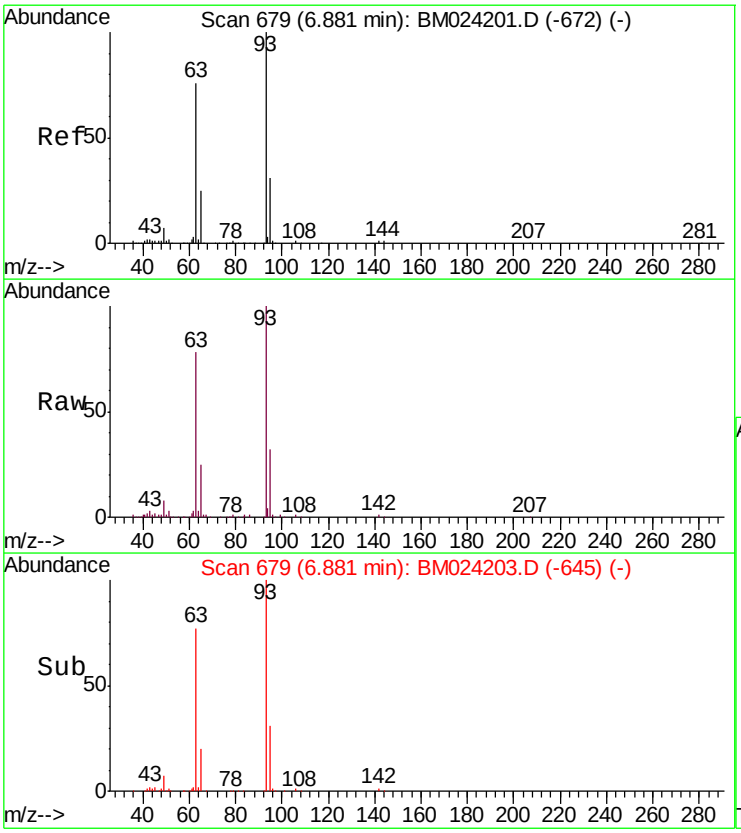
#6
Phenol
Concen: 19.657 ng/ul
RT: 6.66 min Scan# 641
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tgt Ion: 94 Resp: 543839

Ion	Ratio	Lower	Upper
94	100		
65	29.3	22.6	33.8
66	39.4	30.7	46.1

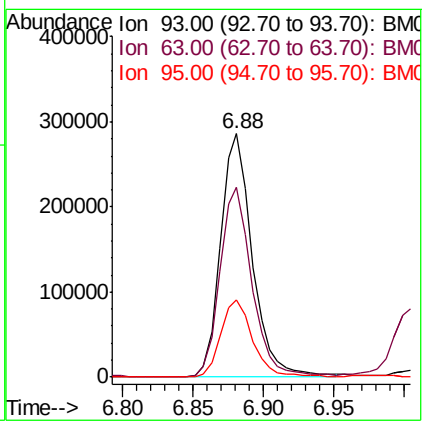


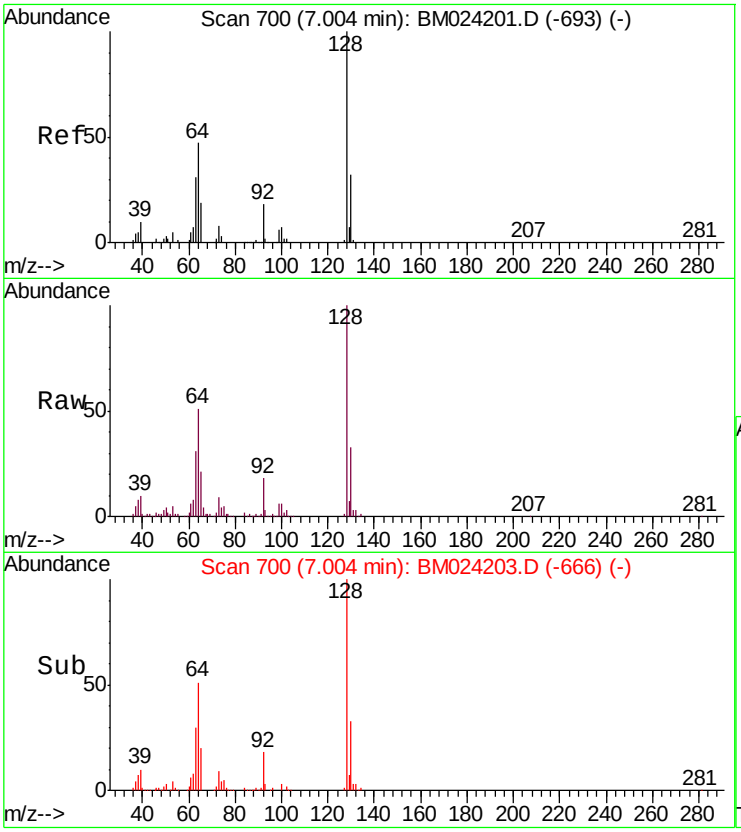


#8
Bis(2-Chloroethyl)ether
Concen: 20.906 ng/ul
RT: 6.88 min Scan# 679
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion: 93 Resp: 448175

Ion	Ratio	Lower	Upper
93	100		
63	77.9	59.8	89.6
95	31.8	25.4	38.2



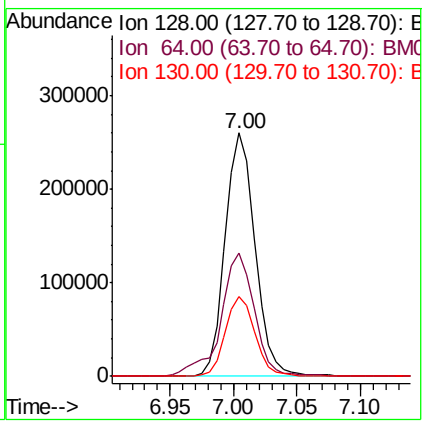


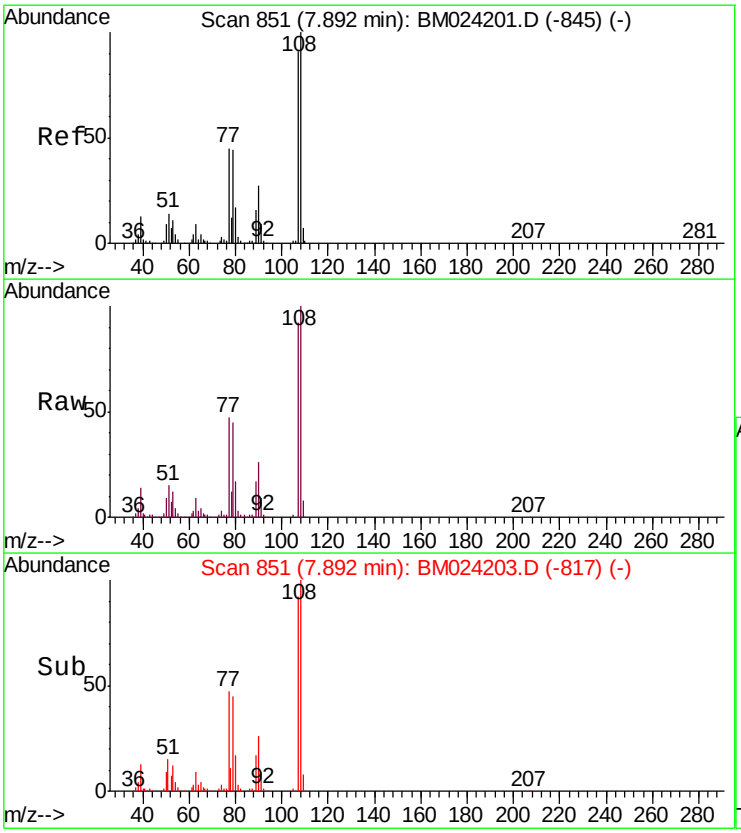
#10
2-Chlorophenol
Concen: 21.696 ng/ul
RT: 7.00 min Scan# 700
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tgt Ion:128 Resp: 425217

Ion	Ratio	Lower	Upper
128	100		
64	50.9	40.6	61.0
130	32.8	25.1	37.7

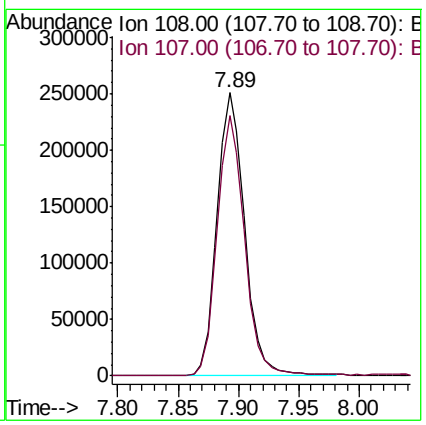


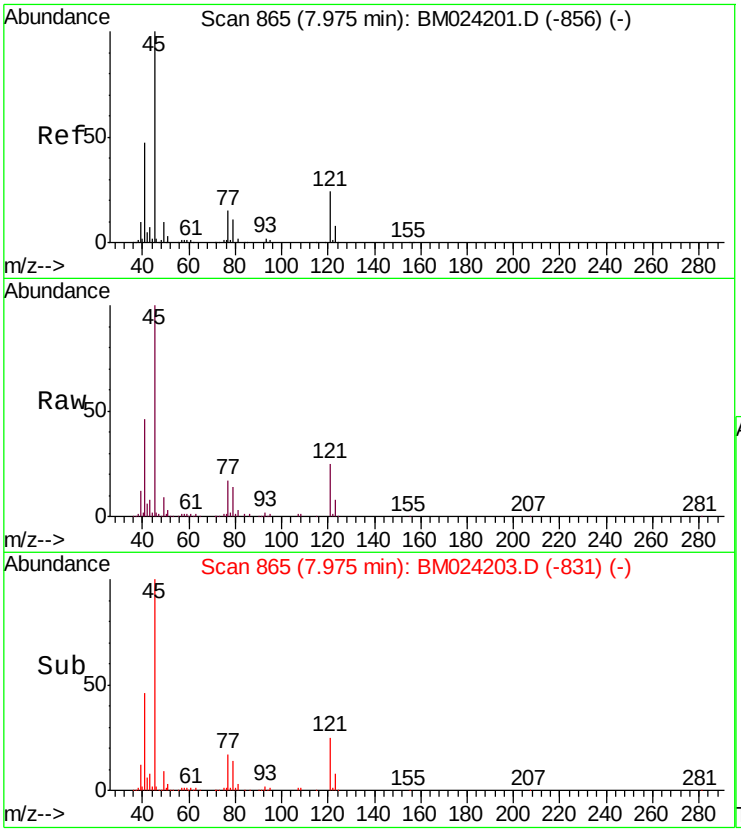


#11
2-Methylphenol
Concen: 19.346 ng/ul
RT: 7.89 min Scan# 851
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion:108 Resp: 397968

Ion	Ratio	Lower	Upper
108	100		
107	92.1	72.7	109.1



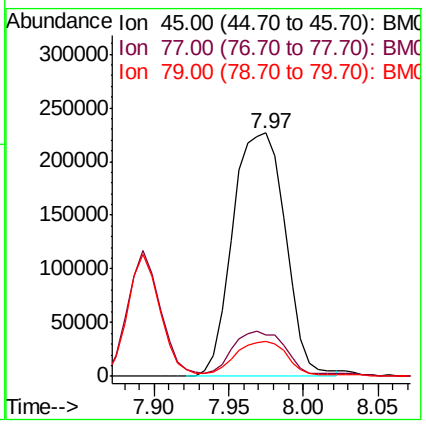


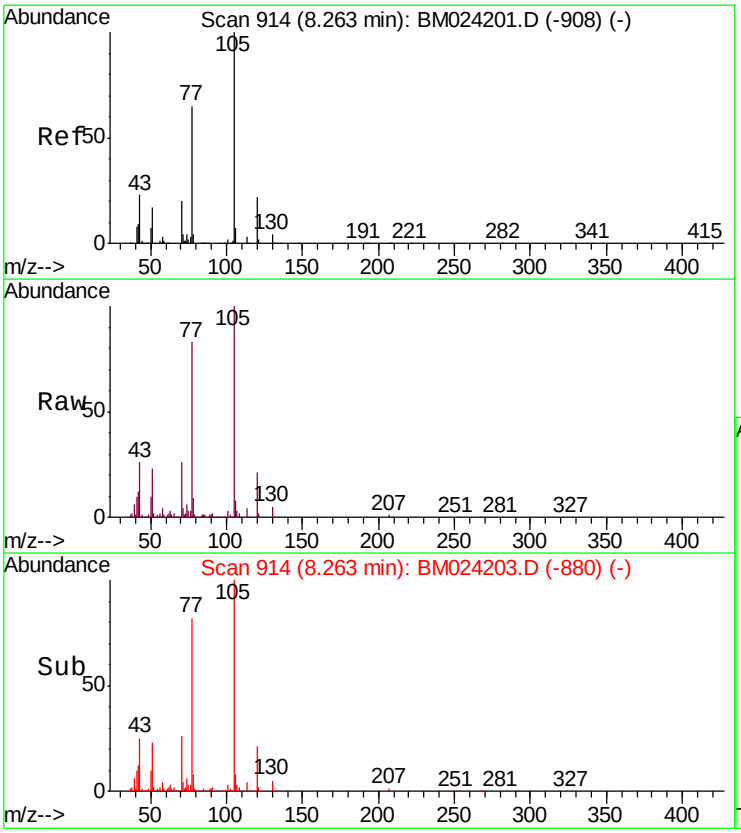
#12
2,2'-oxybis(1-Chloropropane)
Concen: 22.478 ng/ul
RT: 7.97 min Scan# 865
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tgt Ion: 45 Resp: 554986

Ion	Ratio	Lower	Upper
45	100		
77	17.2	14.6	21.8
79	14.5	11.8	17.8

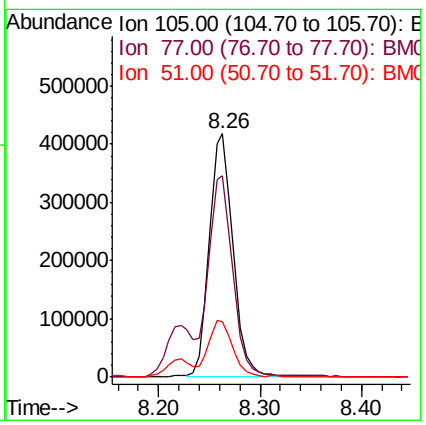


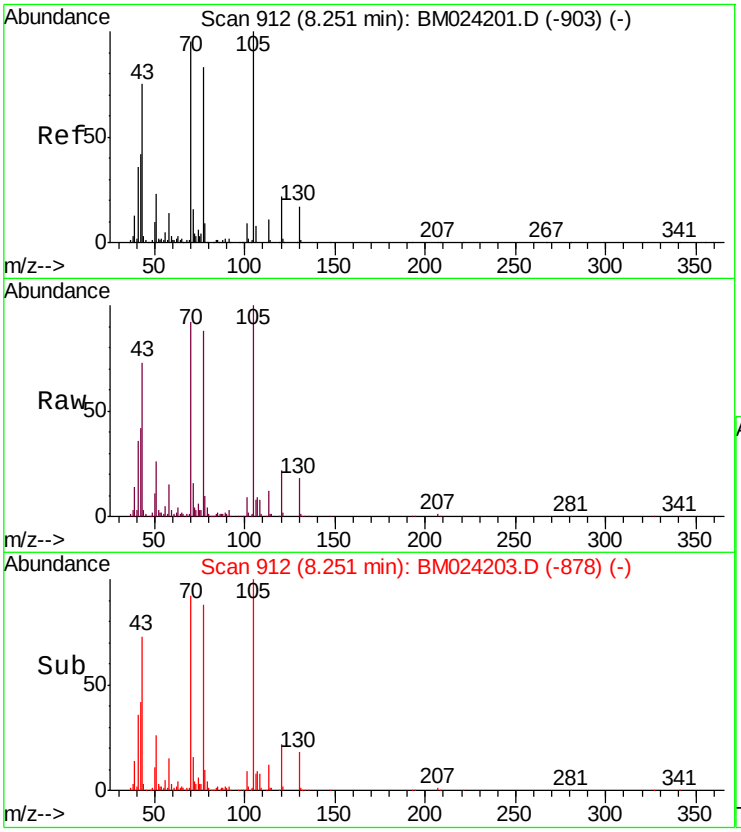


#14
Acetophenone
Concen: 20.453 ng/ul
RT: 8.26 min Scan# 914
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion:105 Resp: 675553

Ion	Ratio	Lower	Upper
105	100		
77	82.5	65.6	98.4
51	22.9	18.3	27.5



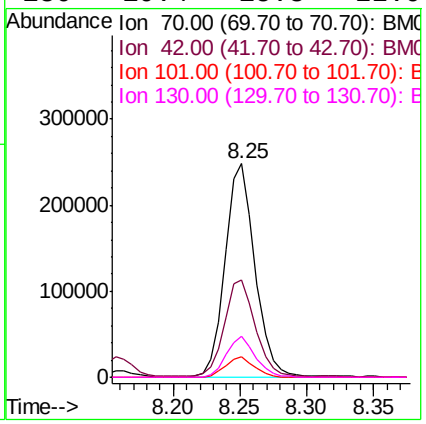


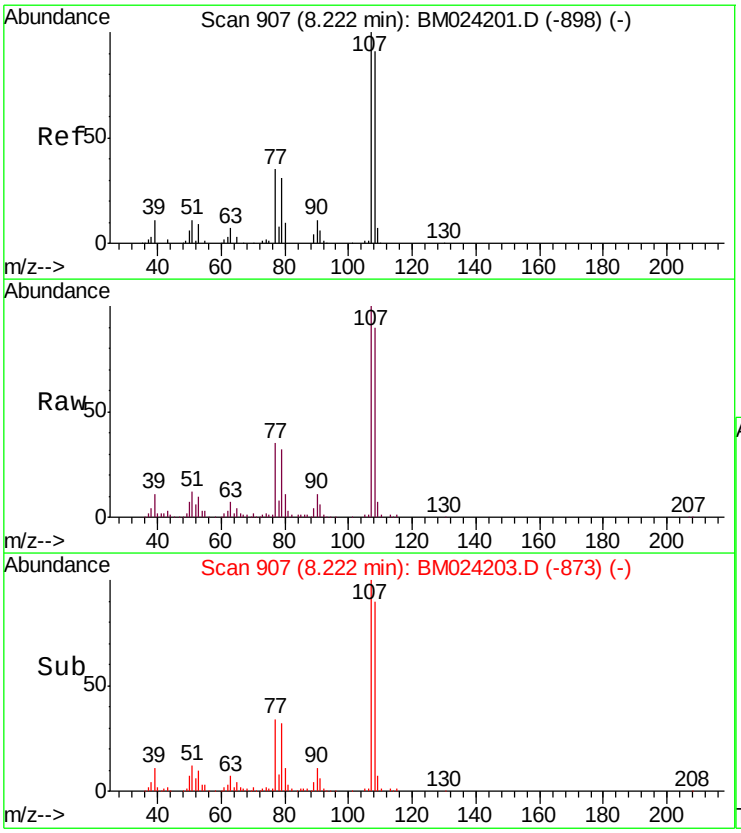
#15
N-Nitroso-di-n-propylamine
Concen: 21.412 ng/ul
RT: 8.25 min Scan# 912
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tgt Ion: 70 Resp: 390688

Ion	Ratio	Lower	Upper
70	100		
42	45.6	36.2	54.4
101	9.4	7.7	11.5
130	19.4	15.3	22.9

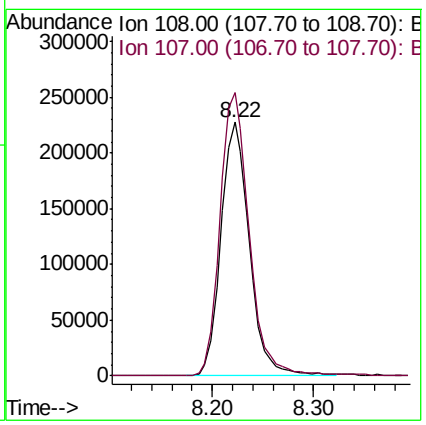


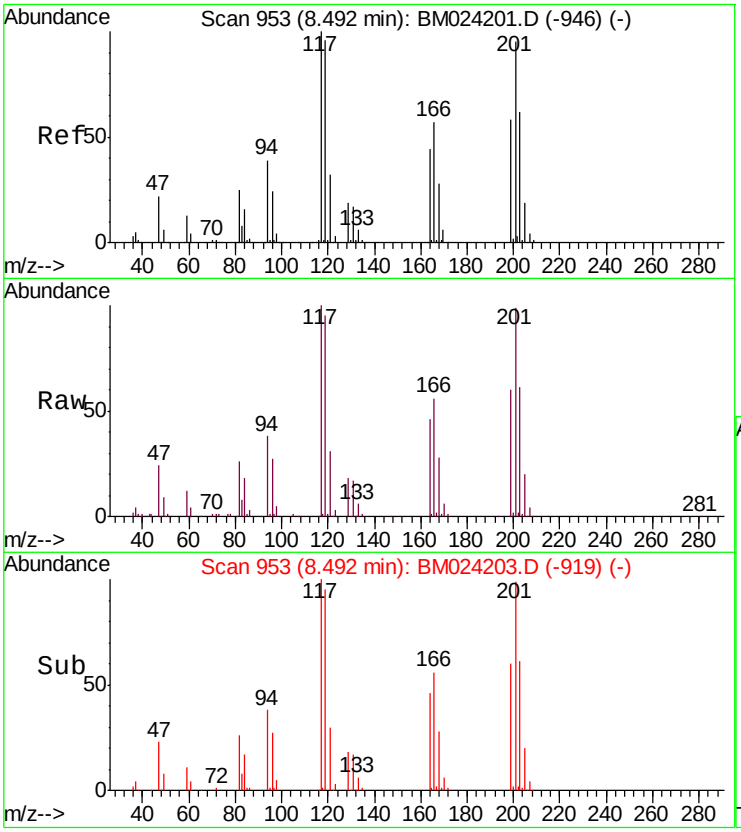


#16
4-Methylphenol
Concen: 19.413 ng/ul
RT: 8.22 min Scan# 907
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion:108 Resp: 443361

Ion	Ratio	Lower	Upper
108	100		
107	111.6	89.1	133.7



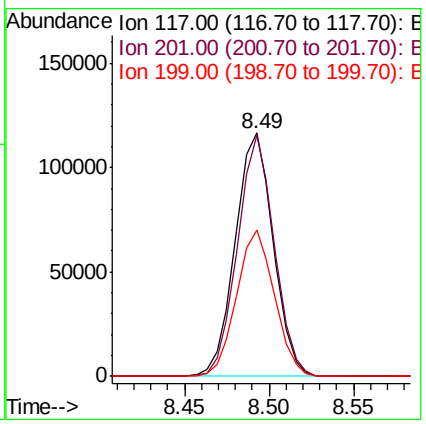


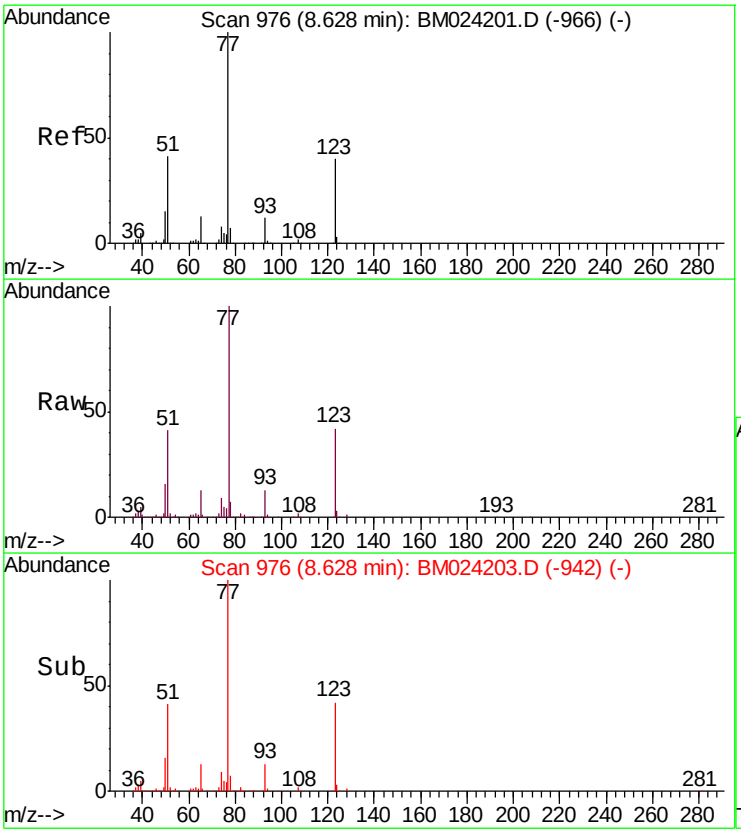
#17
Hexachloroethane
Concen: 22.567 ng/ul
RT: 8.49 min Scan# 953
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tgt Ion:117 Resp: 182548

Ion	Ratio	Lower	Upper
117	100		
201	99.2	74.8	112.2
199	60.3	49.0	73.6

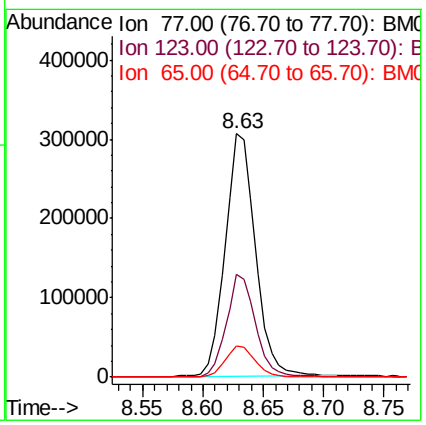


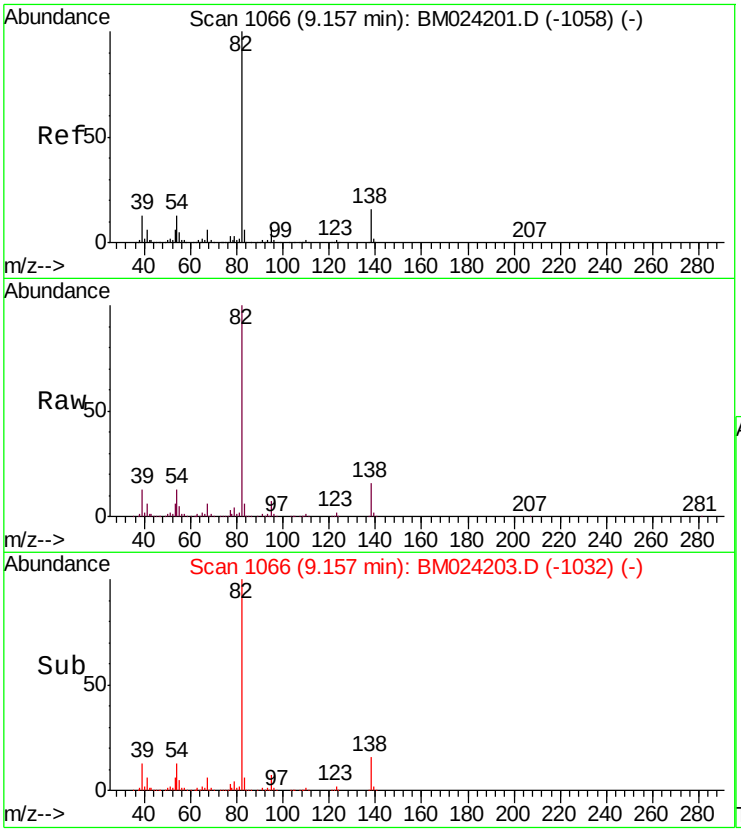


#20
Nitrobenzene
Concen: 21.953 ng/ul
RT: 8.63 min Scan# 976
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion: 77 Resp: 531092

Ion	Ratio	Lower	Upper
77	100		
123	42.0	32.6	49.0
65	12.9	9.9	14.9



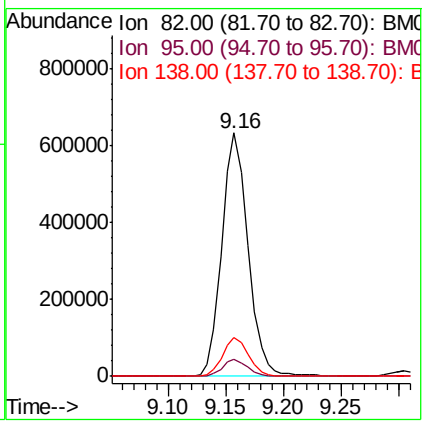


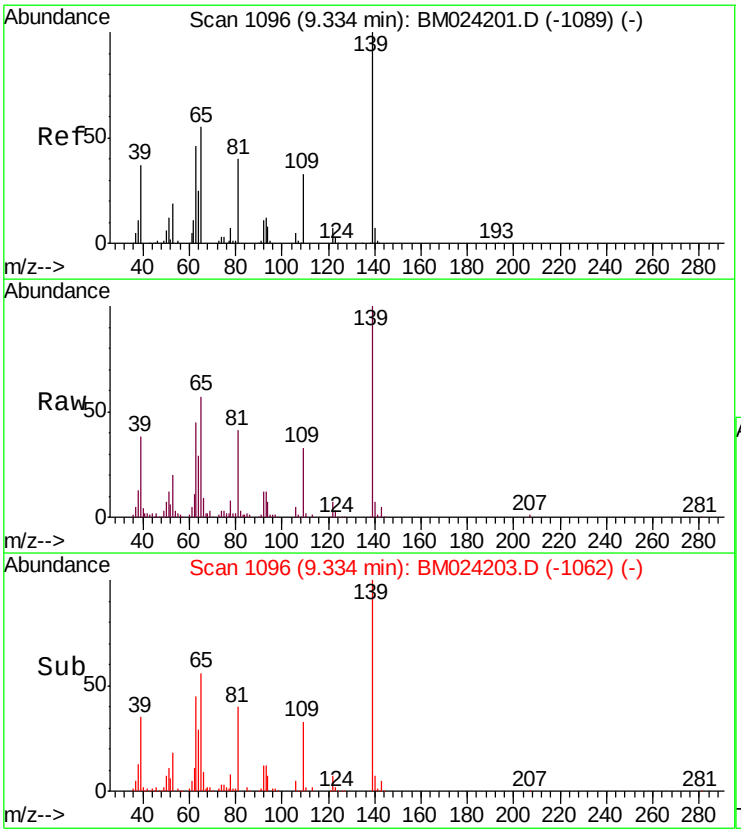
#21
Isophorone
Concen: 22.120 ng/ul
RT: 9.16 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tgt Ion: 82 Resp: 1000228

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.8	8.6
138	15.7	13.0	19.4

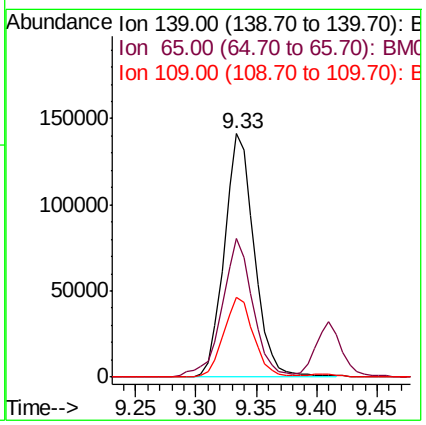


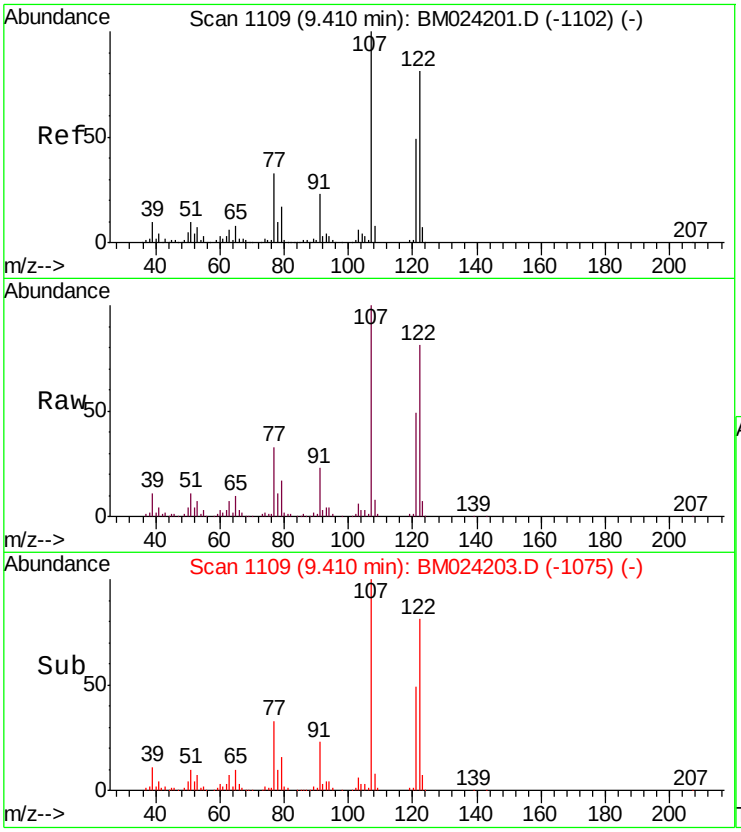


#23
2-Nitrophenol
Concen: 23.195 ng/ul
RT: 9.33 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion:139 Resp: 244370

Ion	Ratio	Lower	Upper
139	100		
65	56.8	40.2	60.2
109	32.7	24.6	37.0



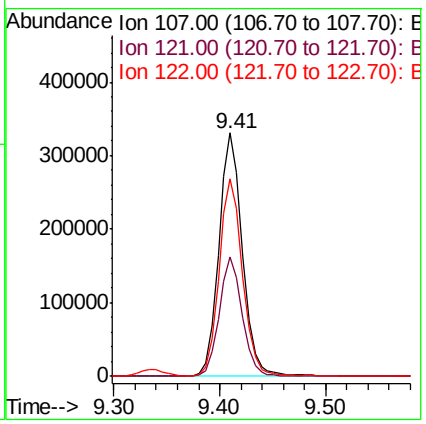


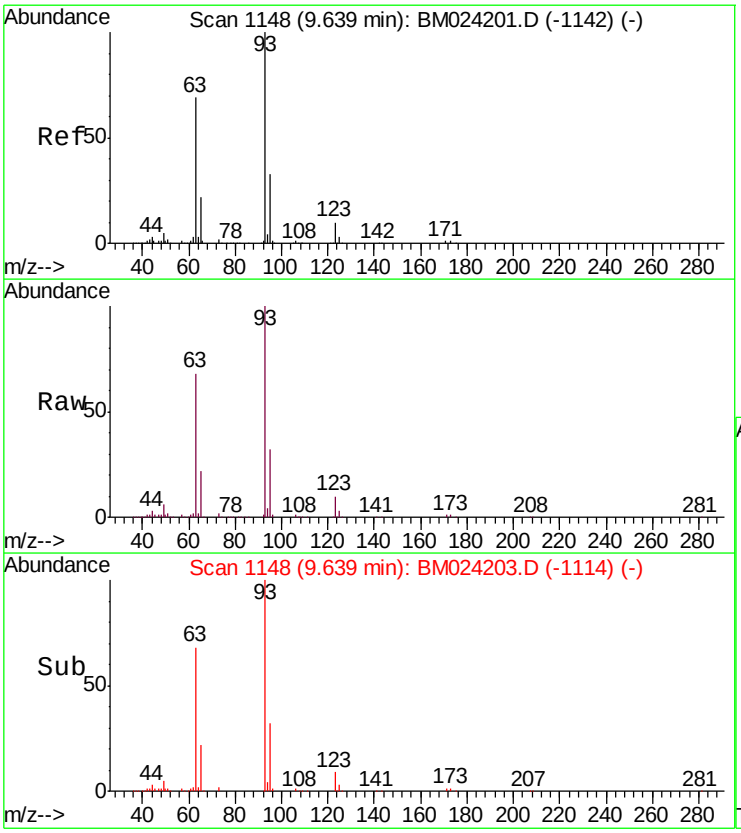
#24
2,4-Dimethylphenol
Concen: 22.513 ng/ul
RT: 9.41 min Scan# 1109
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tgt Ion:107 Resp: 511649

Ion	Ratio	Lower	Upper
107	100		
121	48.9	38.6	57.8
122	81.3	65.1	97.7

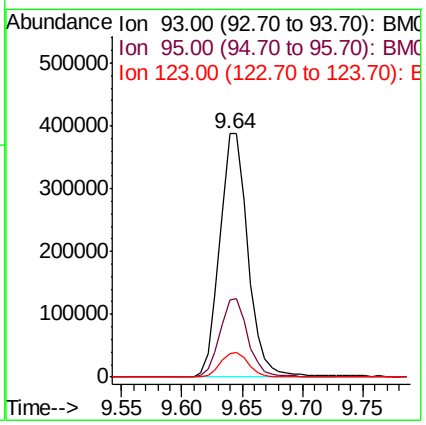


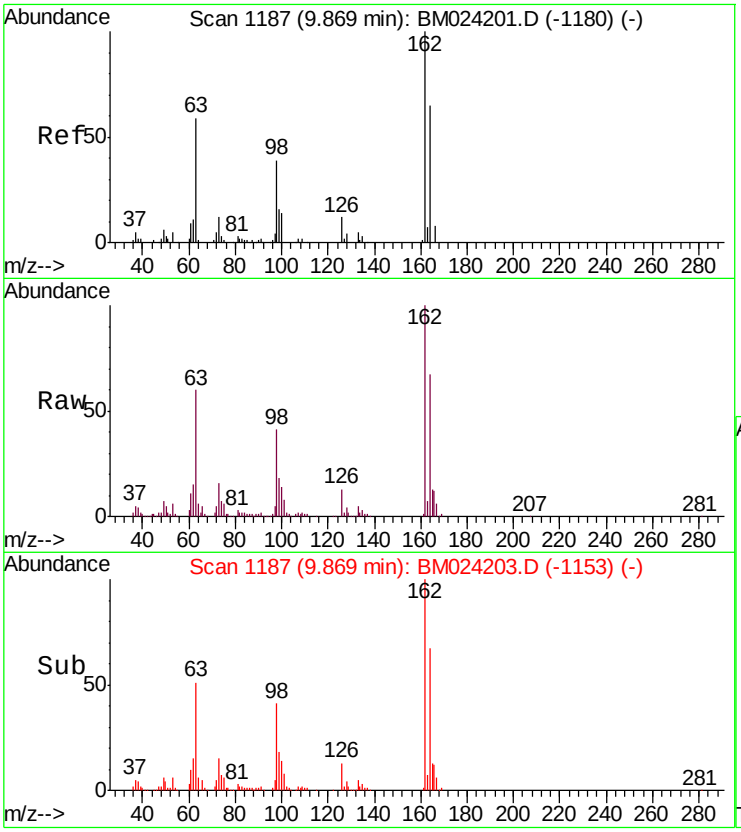


#25
Bis(2-Chloroethoxy)methane
Concen: 22.493 ng/ul
RT: 9.64 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion: 93 Resp: 631881

Ion	Ratio	Lower	Upper
93	100		
95	31.7	26.2	39.2
123	9.8	8.5	12.7



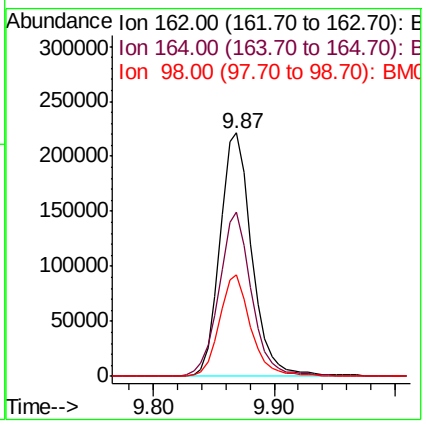


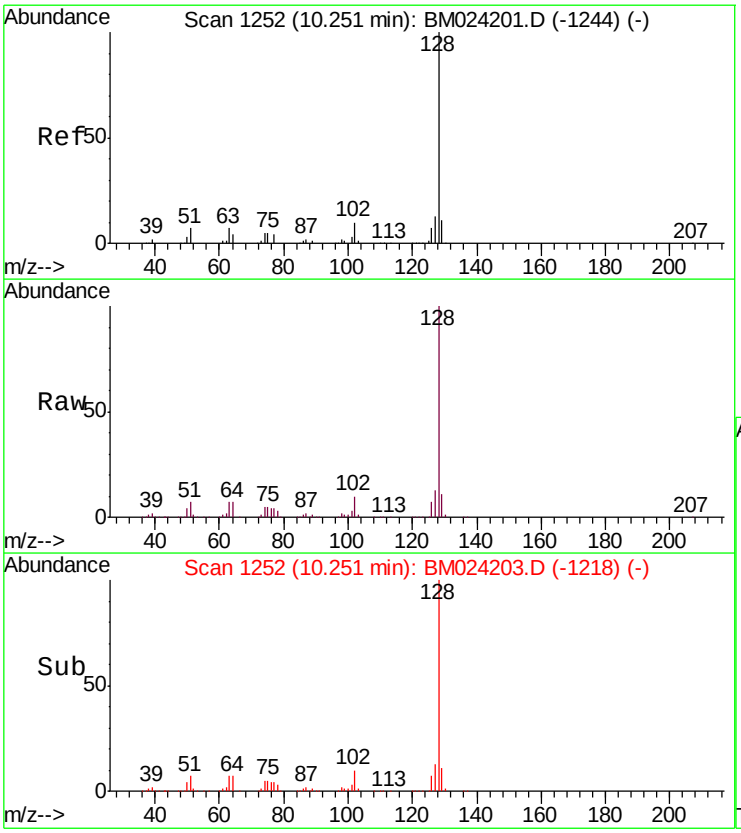
#27
2,4-Dichlorophenol
Concen: 22.295 ng/ul
RT: 9.87 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tgt Ion:162 Resp: 405939

Ion	Ratio	Lower	Upper
162	100		
164	67.2	51.8	77.6
98	41.5	31.7	47.5

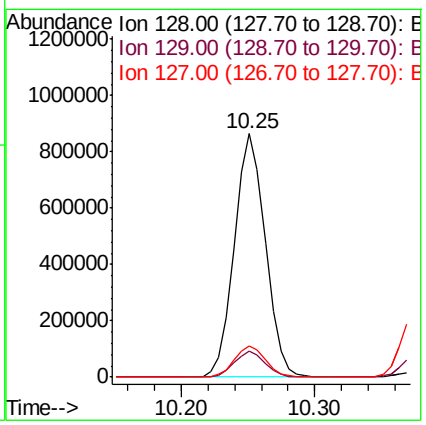


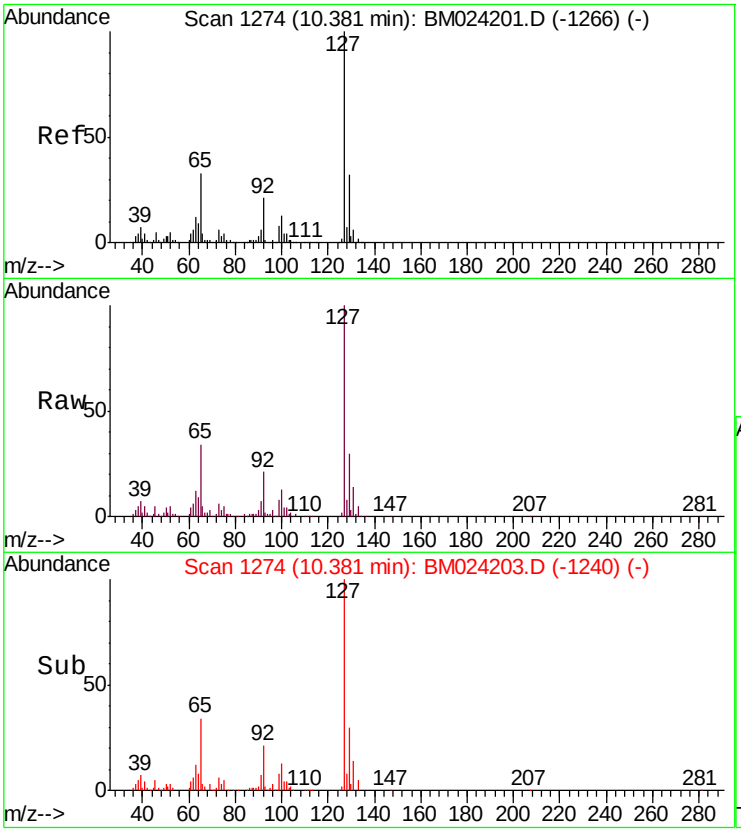


#28
Naphthalene
Concen: 21.866 ng/ul
RT: 10.25 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion:128 Resp: 1387862

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	13.0	10.3	15.5



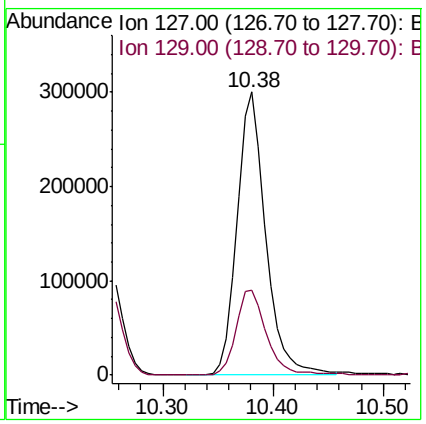


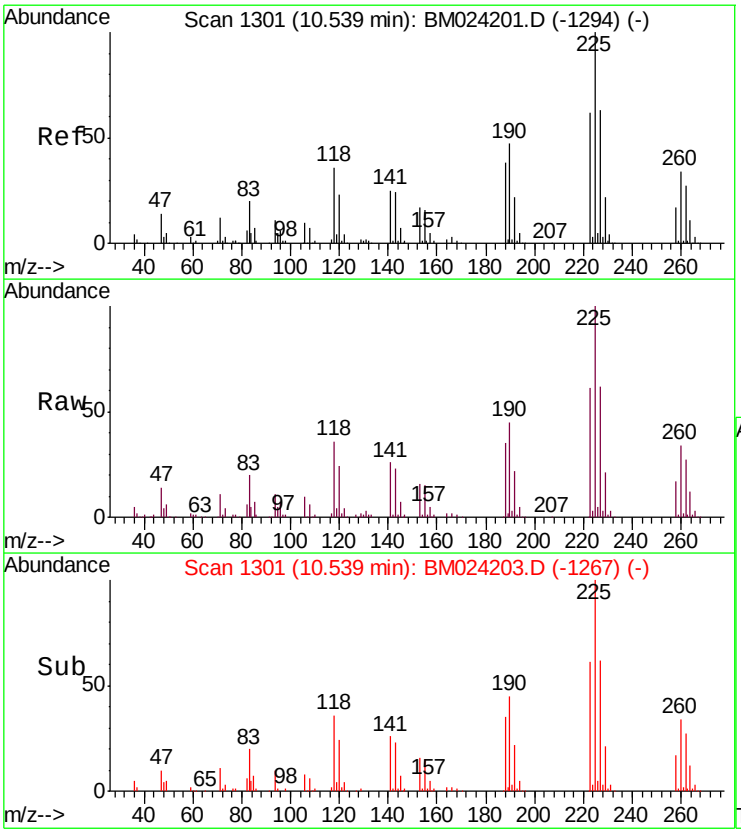
#30
4-Chloroaniline
Concen: 24.100 ng/ul
RT: 10.38 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tgt Ion:127 Resp: 549616

Ion	Ratio	Lower	Upper
127	100		
129	30.2	25.9	38.9

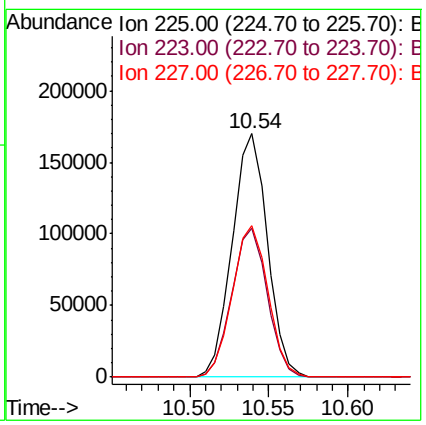


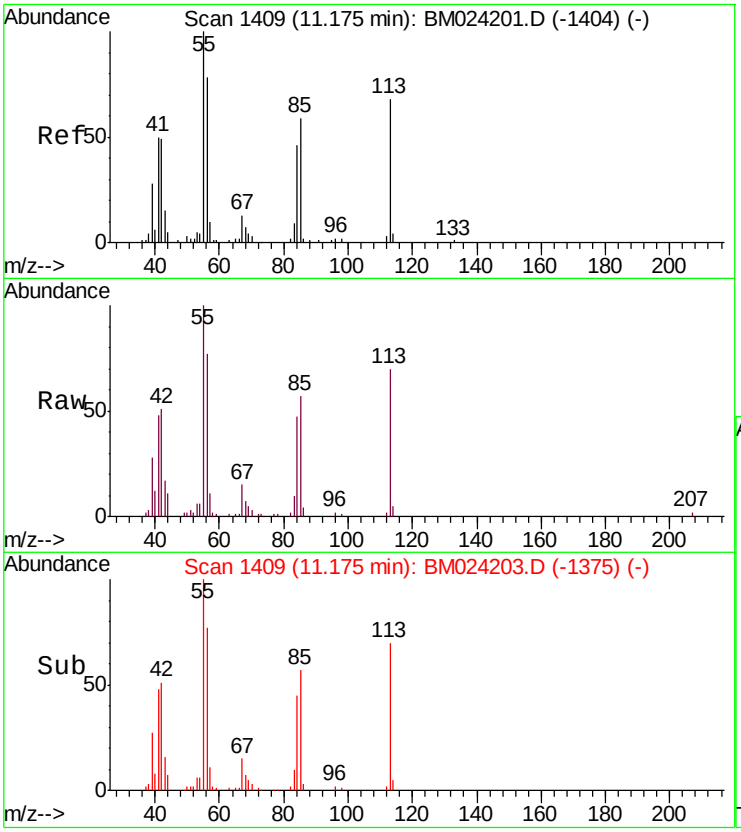


#31
Hexachlorobutadiene
Concen: 23.294 ng/ul
RT: 10.54 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion:225 Resp: 262198

Ion	Ratio	Lower	Upper
225	100		
223	61.1	49.1	73.7
227	62.4	50.8	76.2



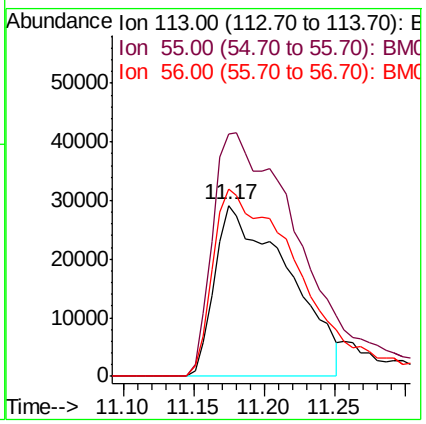


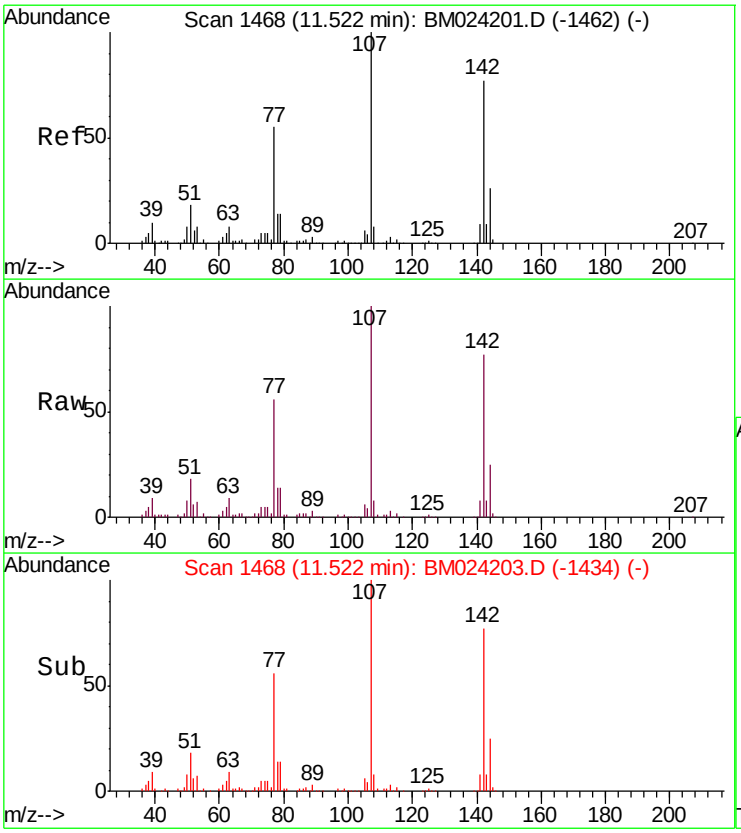
#32
Caprolactam
Concen: 15.386 ng/ul
RT: 11.17 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tgt Ion:113 Resp: 105859

Ion	Ratio	Lower	Upper
113	100		
55	142.0	121.0	181.6
56	109.5	96.8	145.2

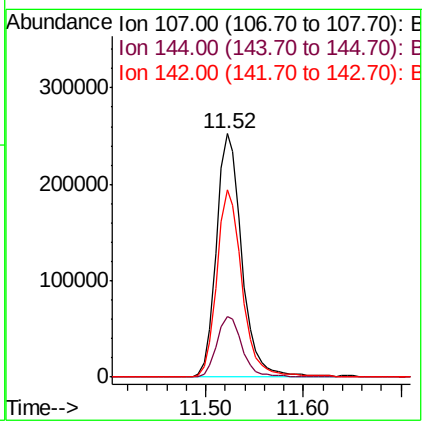


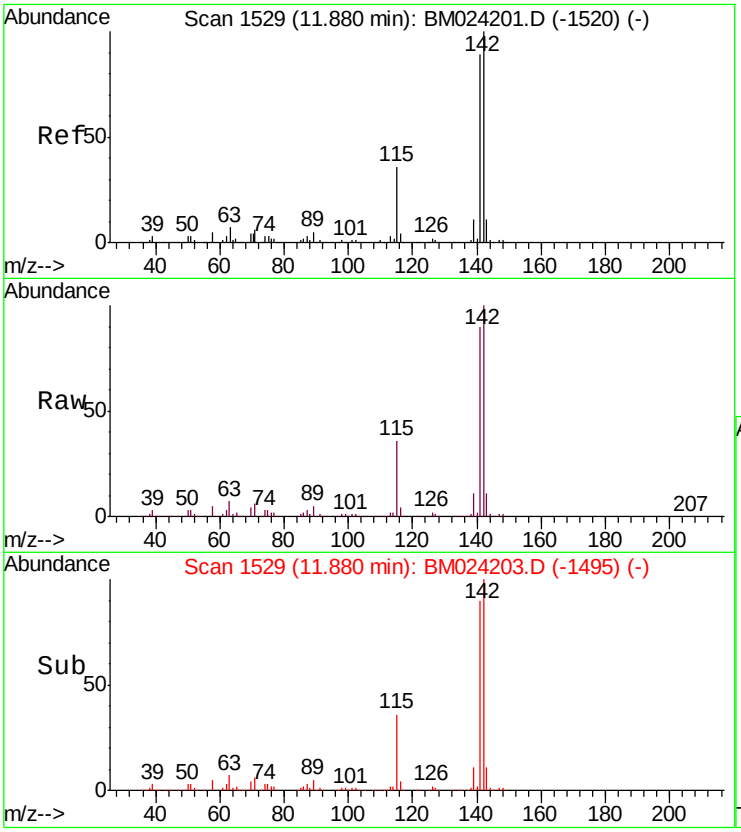


#33
4-Chloro-3-methylphenol
Concen: 20.950 ng/ul
RT: 11.52 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion:107 Resp: 457719

Ion	Ratio	Lower	Upper
107	100		
144	25.1	19.8	29.8
142	76.9	63.3	94.9



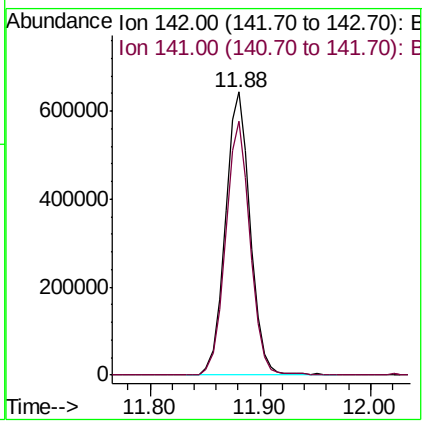


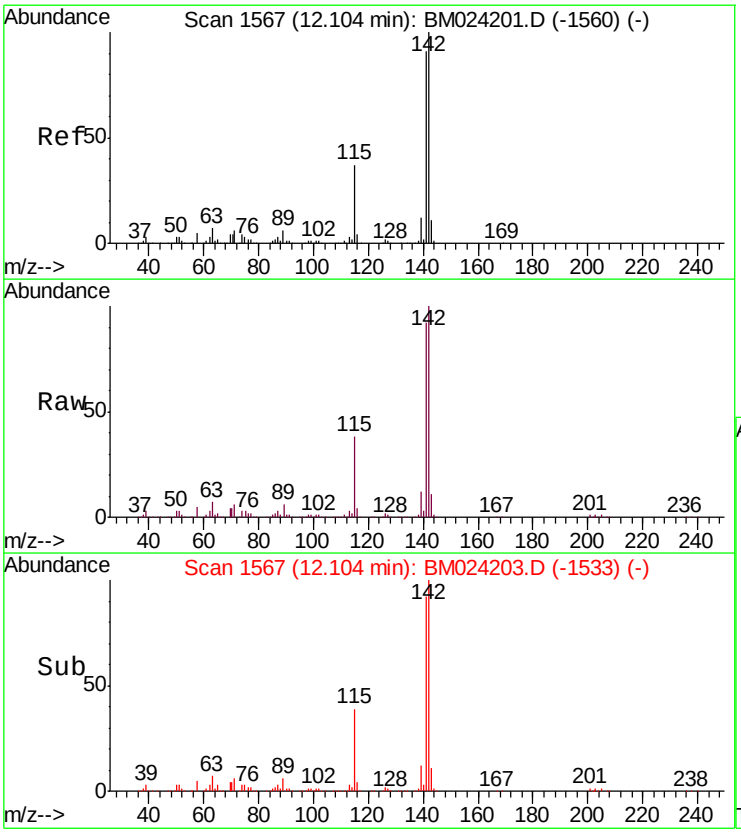
#34
2-Methylnaphthalene
Concen: 22.288 ng/ul
RT: 11.88 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tgt Ion:142 Resp: 1011185

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.9	106.3

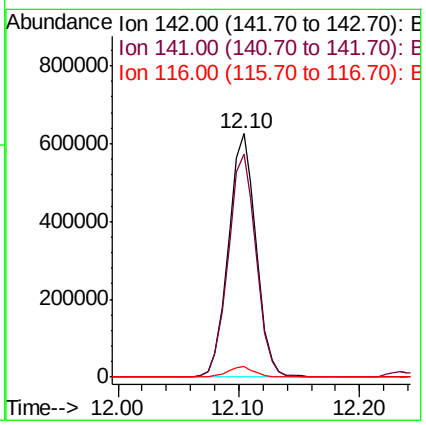


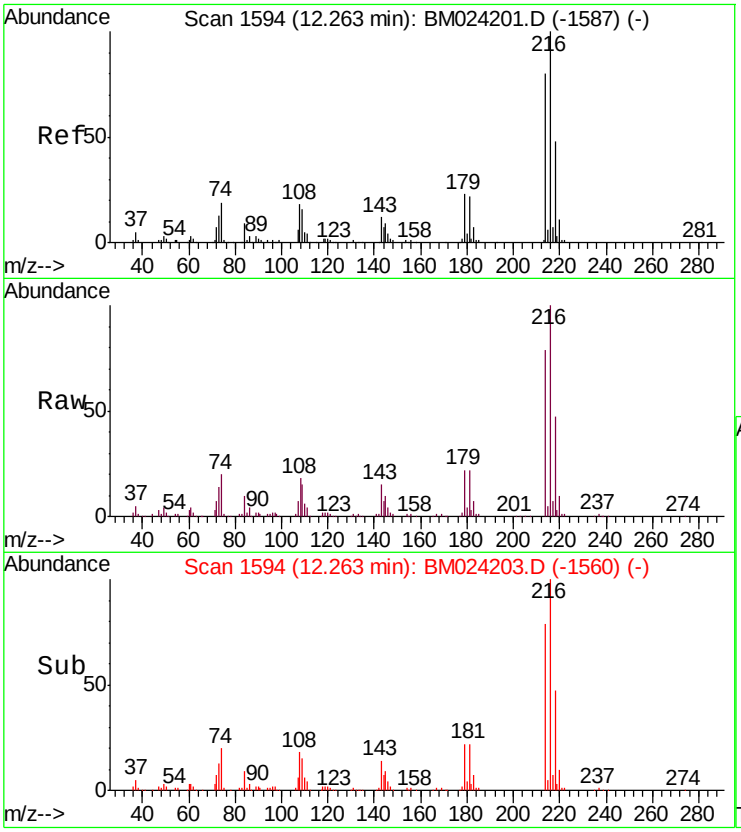


#35
1-Methylnaphthalene
Concen: 21.274 ng/ul
RT: 12.10 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion:142 Resp: 985135

Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.7	109.1
116	4.2	3.0	4.6



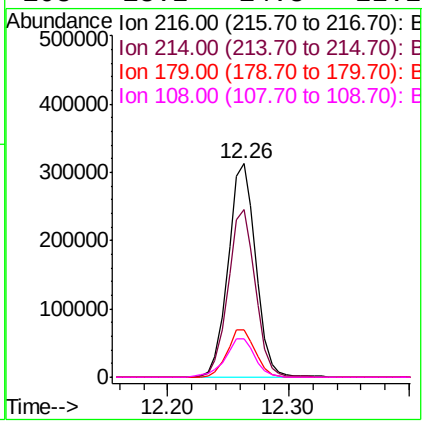


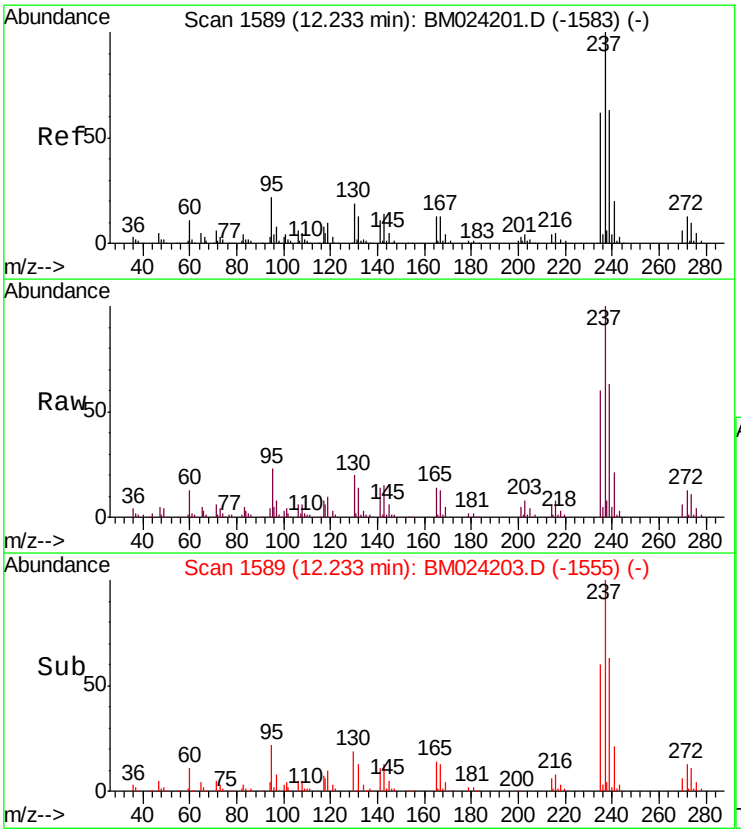
#37
1,2,4,5-Tetrachlorobenzene
Concen: 24.318 ng/ul
RT: 12.26 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tgt Ion:216 Resp: 496505

Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.7	94.1
179	22.2	17.6	26.4
108	18.2	14.8	22.2

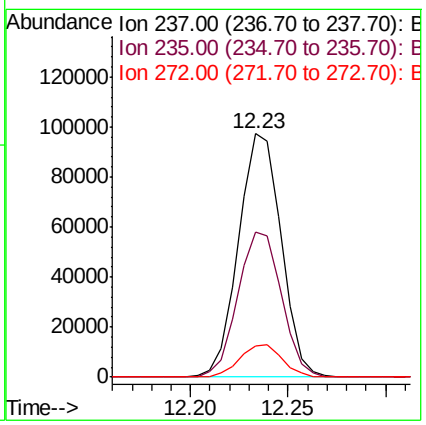


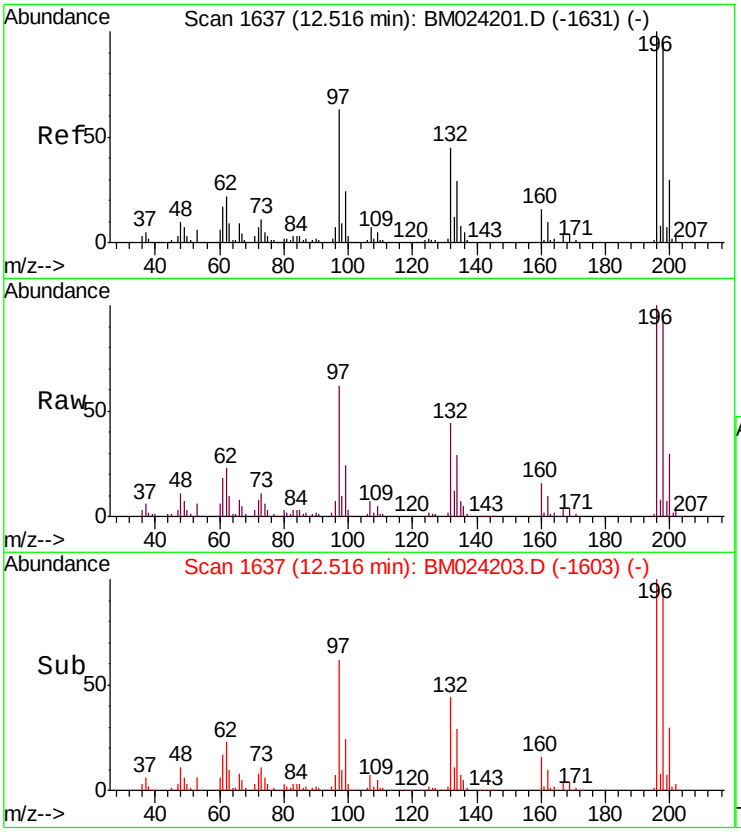


#38
Hexachlorocyclopentadiene
Concen: 15.999 ng/ul
RT: 12.23 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion:237 Resp: 147188

Ion	Ratio	Lower	Upper
237	100		
235	59.6	46.9	70.3
272	13.7	11.0	16.4



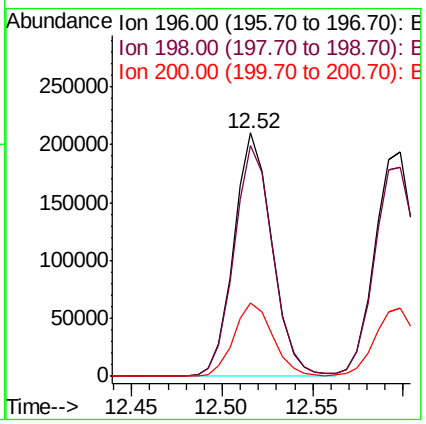


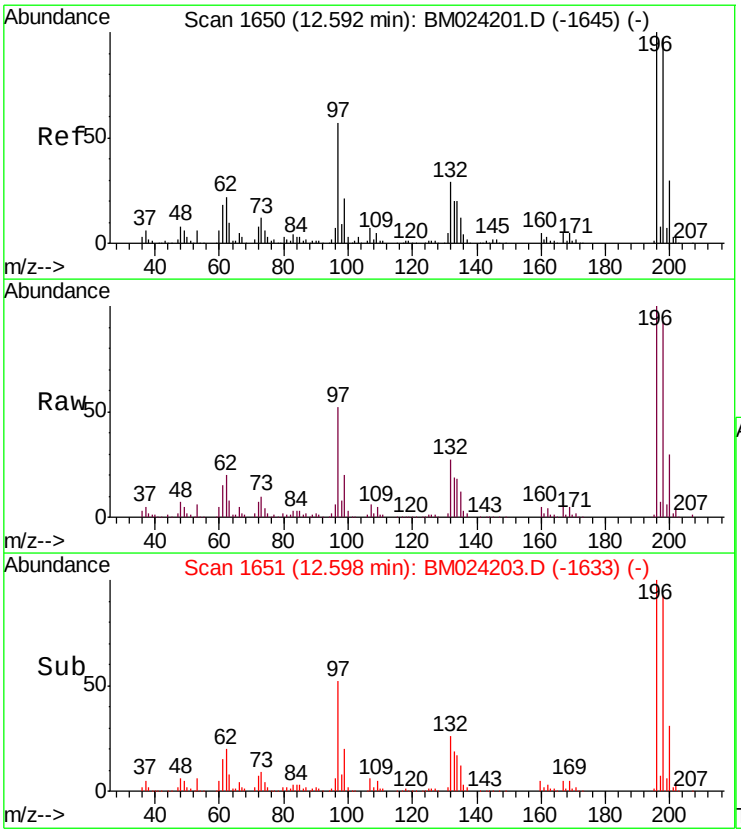
#39
2,4,6-Trichlorophenol
Concen: 22.880 ng/ul
RT: 12.52 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tgt Ion:196 Resp: 308952

Ion	Ratio	Lower	Upper
196	100		
198	94.6	76.9	115.3
200	30.2	23.8	35.6

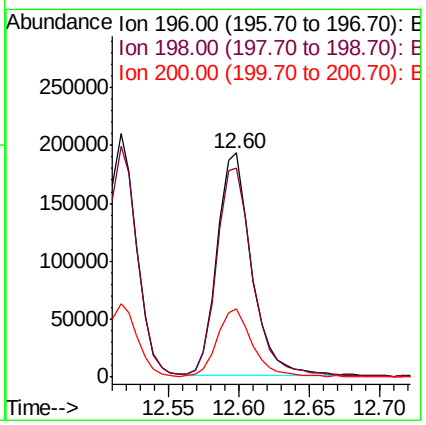


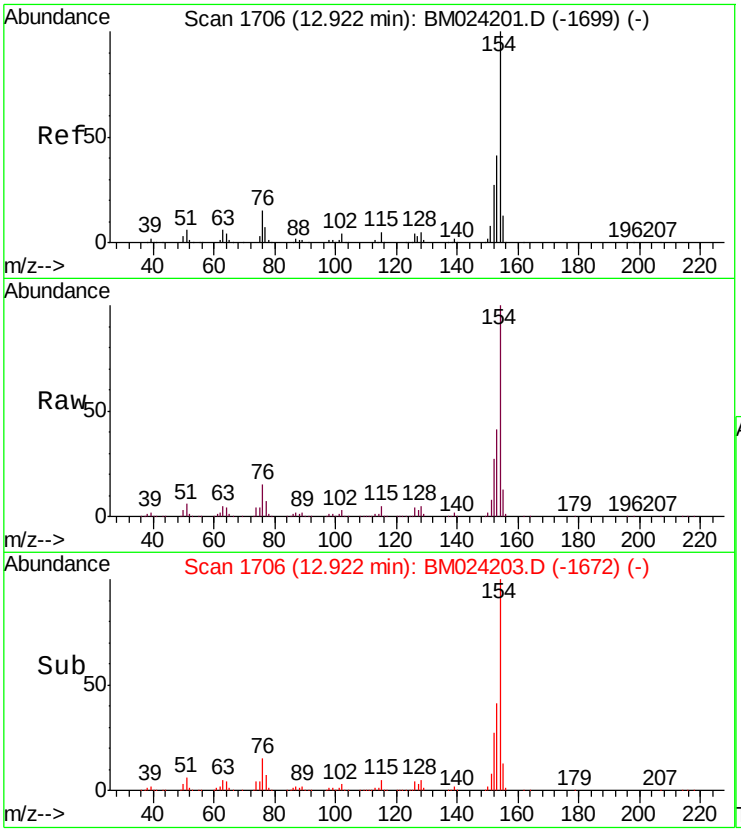


#40
2,4,5-Trichlorophenol
Concen: 22.395 ng/ul
RT: 12.60 min Scan# 1651
Delta R.T. 0.01 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion:196 Resp: 325989

Ion	Ratio	Lower	Upper
196	100		
198	93.2	75.0	112.4
200	30.4	23.6	35.4



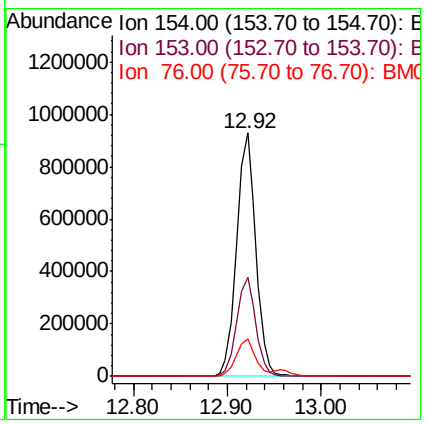


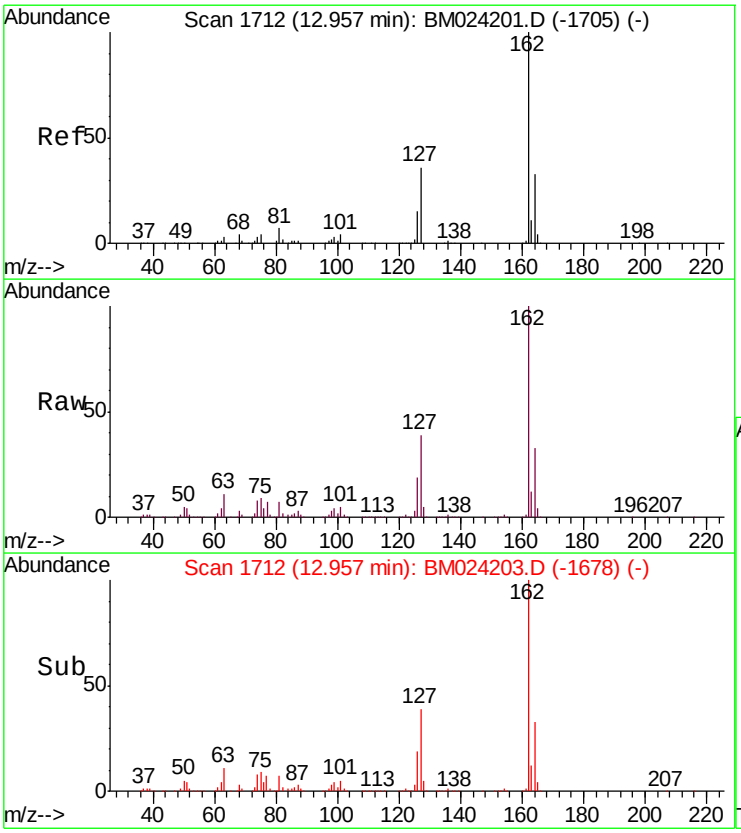
#41
1,1'-Biphenyl
Concen: 23.340 ng/ul
RT: 12.92 min Scan# 1706
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tgt Ion:154 Resp: 1315848

Ion	Ratio	Lower	Upper
154	100		
153	40.6	32.2	48.4
76	15.3	12.2	18.2

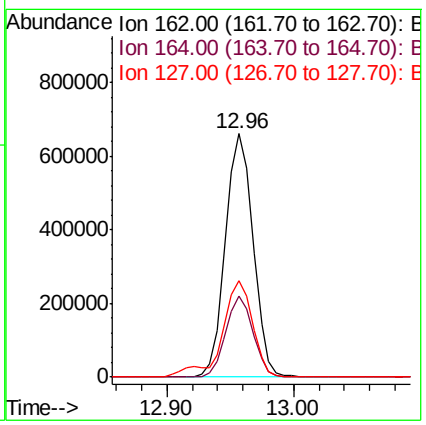


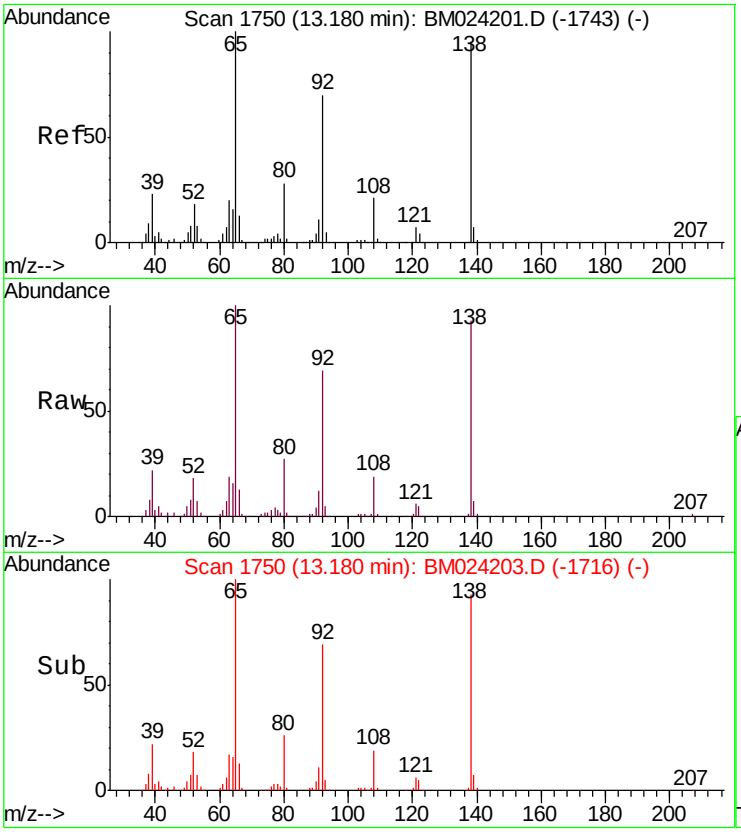


#42
2-Chloronaphthalene
Concen: 22.550 ng/ul
RT: 12.96 min Scan# 1712
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion:162 Resp: 998841

Ion	Ratio	Lower	Upper
162	100		
164	33.1	25.9	38.9
127	39.5	31.4	47.2



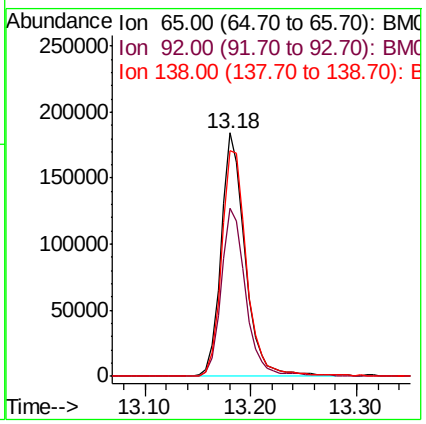


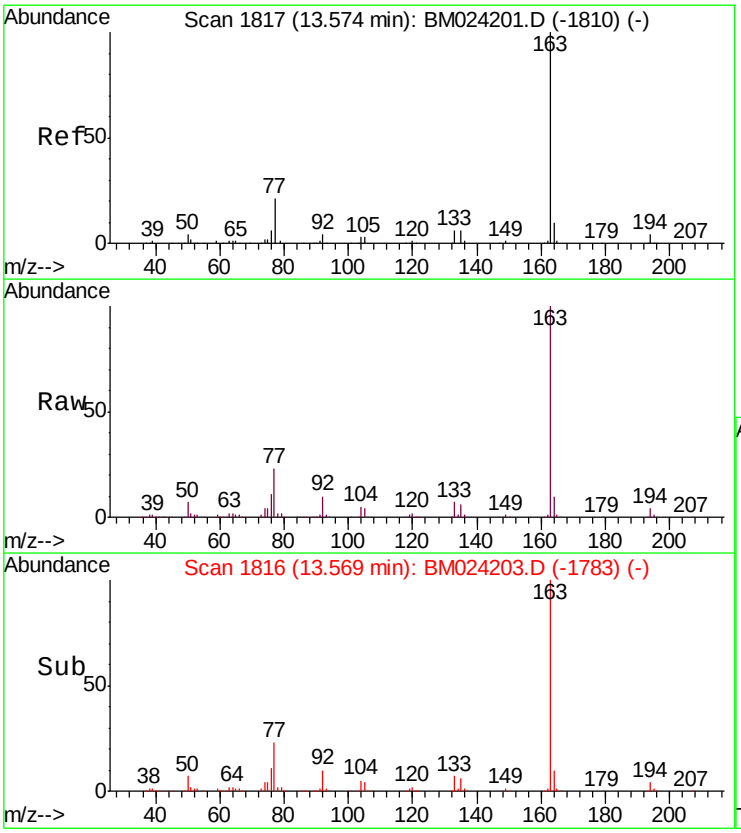
#43
2-Nitroaniline
Concen: 22.114 ng/ul
RT: 13.18 min Scan# 1750
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tgt Ion: 65 Resp: 287191

Ion	Ratio	Lower	Upper
65	100		
92	69.2	56.7	85.1
138	92.5	81.0	121.4

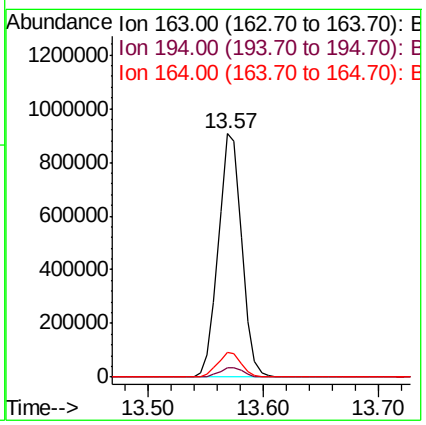


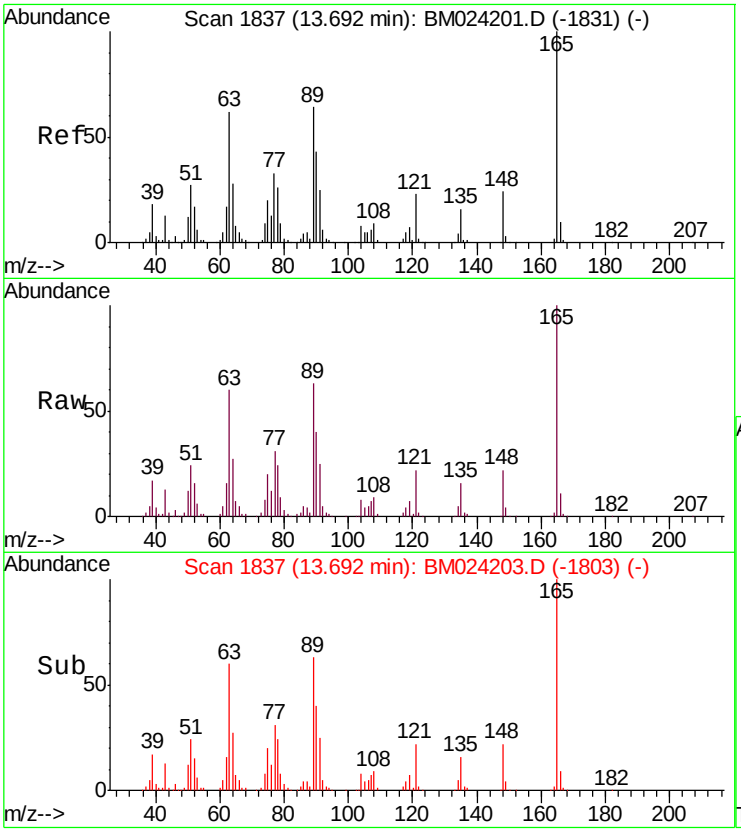


#45
Dimethylphthalate
Concen: 21.891 ng/ul
RT: 13.57 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion:163 Resp: 1270689

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.1	7.8	11.6



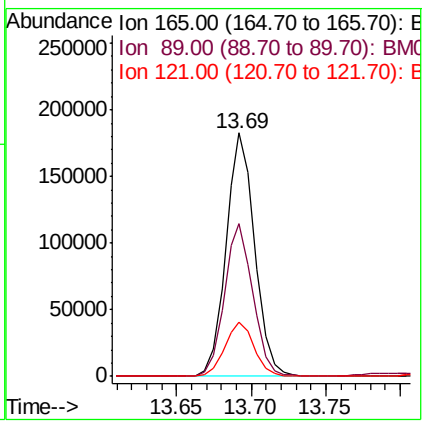


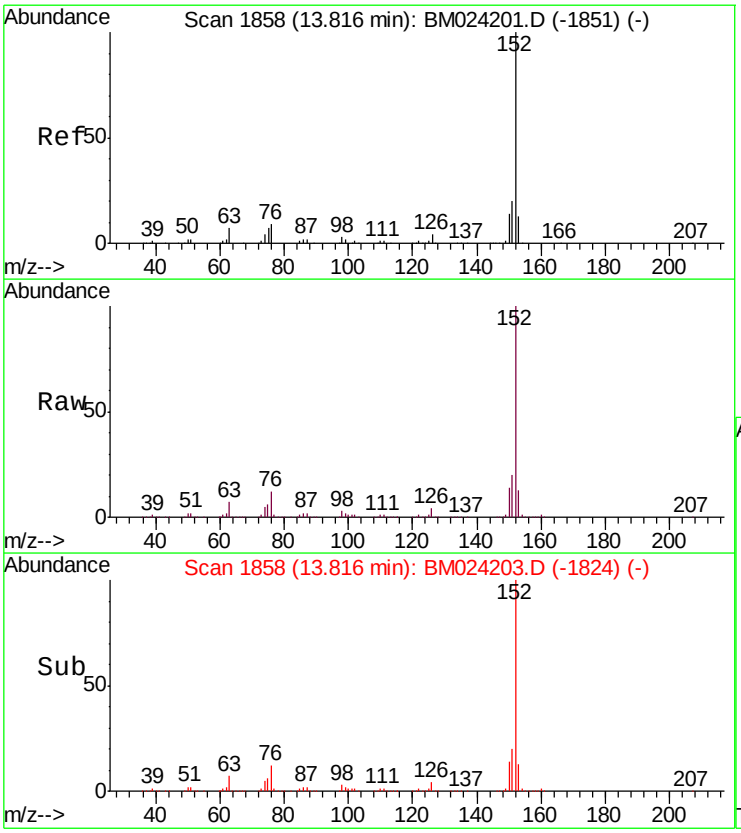
#46
2,6-Dinitrotoluene
Concen: 21.489 ng/ul
RT: 13.69 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tgt Ion:165 Resp: 245710

Ion	Ratio	Lower	Upper
165	100		
89	62.7	47.0	70.4
121	22.5	17.1	25.7

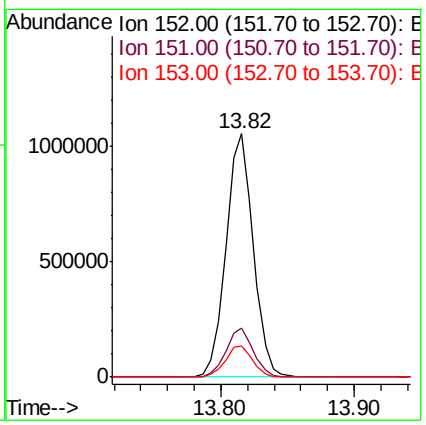


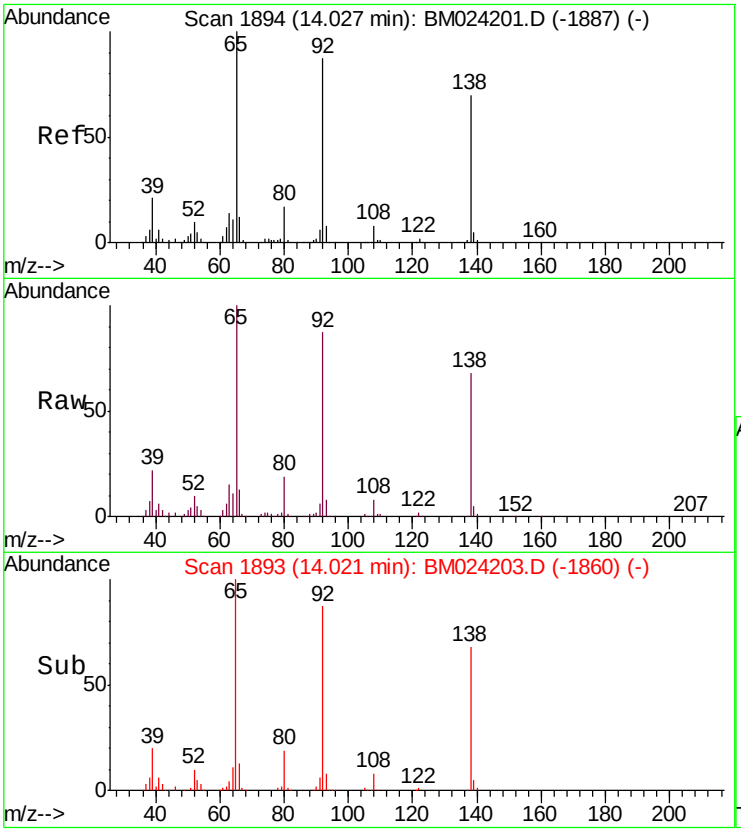


#48
Acenaphthylene
Concen: 21.209 ng/ul
RT: 13.82 min Scan# 1858
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion:152 Resp: 1506893

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	13.0	10.6	16.0



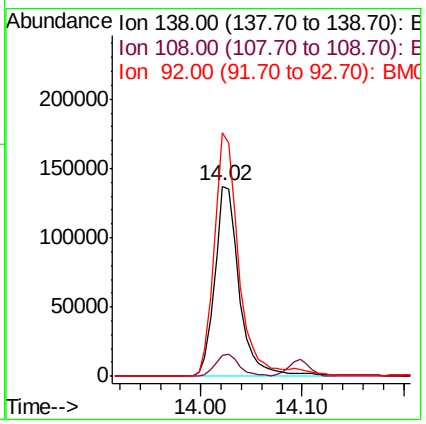


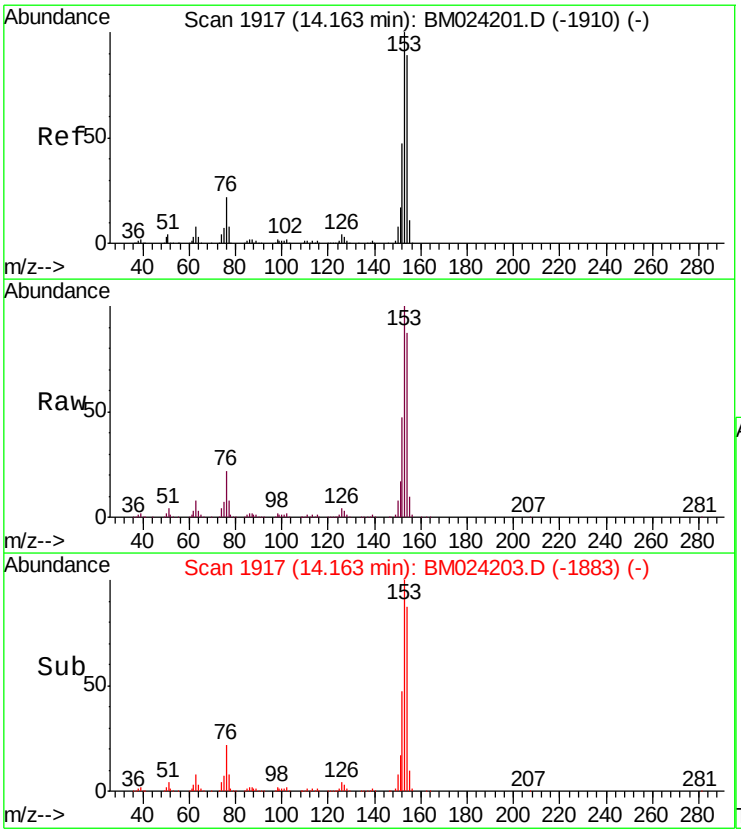
#49
3-Nitroaniline
Concen: 21.211 ng/ul
RT: 14.02 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tgt Ion:138 Resp: 230173

Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.8	13.2
92	127.9	97.3	145.9

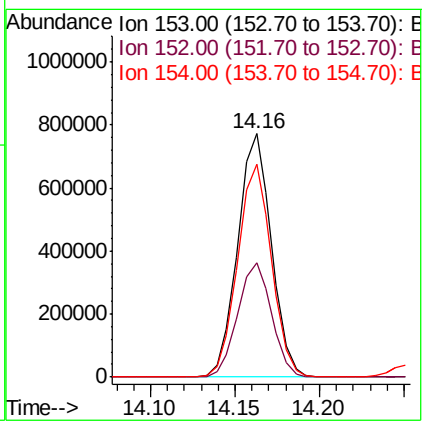


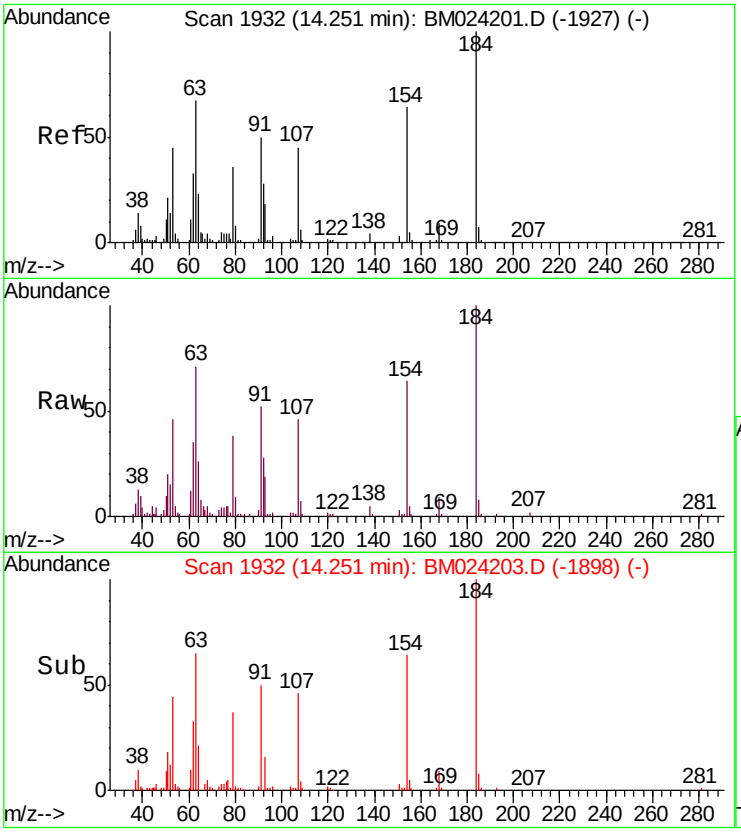


#50
Acenaphthene
Concen: 21.990 ng/ul
RT: 14.16 min Scan# 1917
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion:153 Resp: 1074279

Ion	Ratio	Lower	Upper
153	100		
152	47.0	37.8	56.6
154	87.4	71.1	106.7



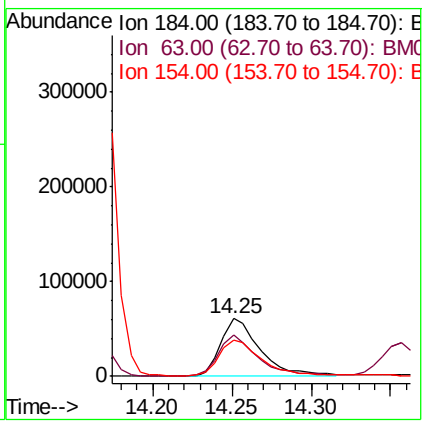


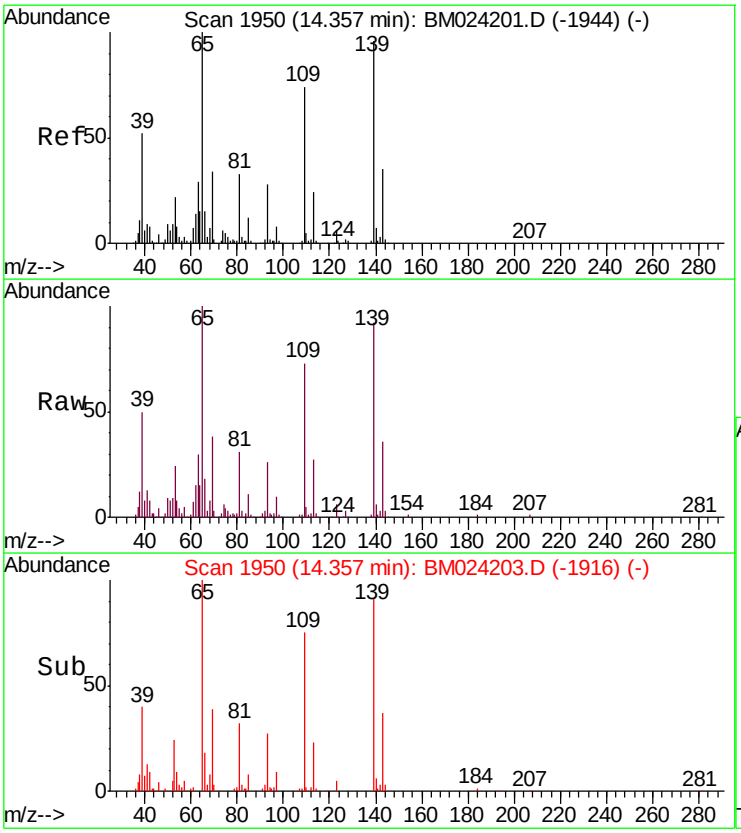
#51
2,4-Dinitrophenol
Concen: 16.593 ng/ul
RT: 14.25 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tgt Ion:184 Resp: 106618

Ion	Ratio	Lower	Upper
184	100		
63	71.0	57.0	85.6
154	64.1	51.0	76.4

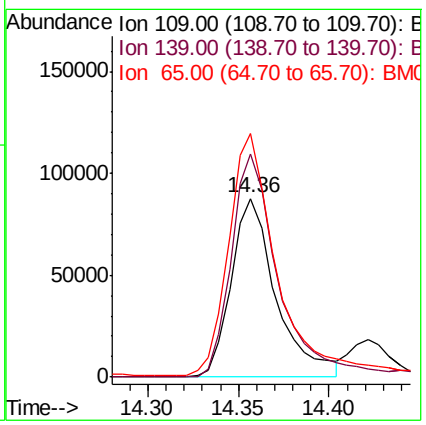


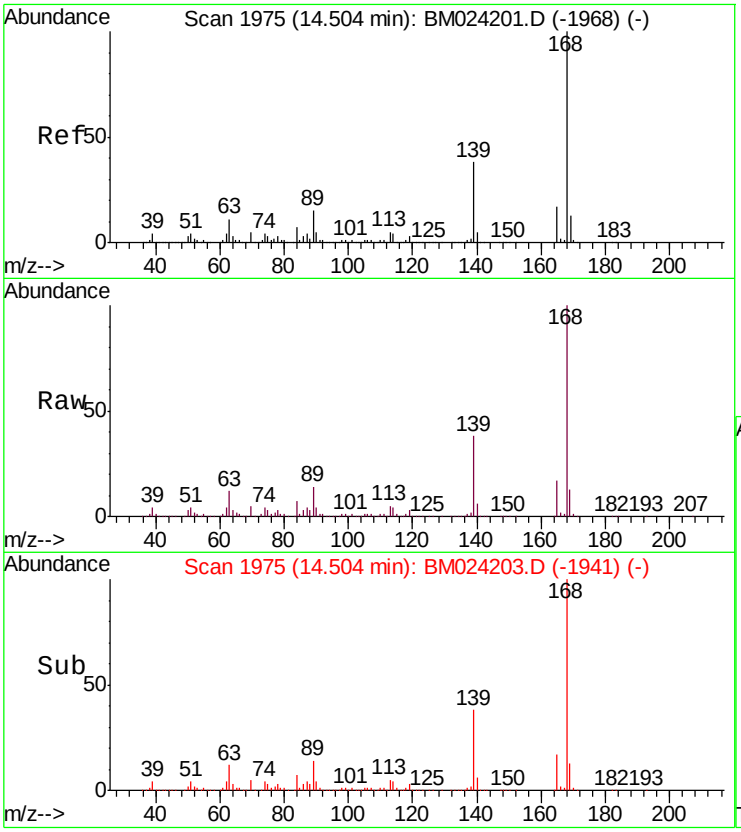


#53
4-Nitrophenol
Concen: 18.935 ng/ul
RT: 14.36 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion:109 Resp: 151407

Ion	Ratio	Lower	Upper
109	100		
139	124.8	105.0	157.4
65	136.2	113.0	169.4



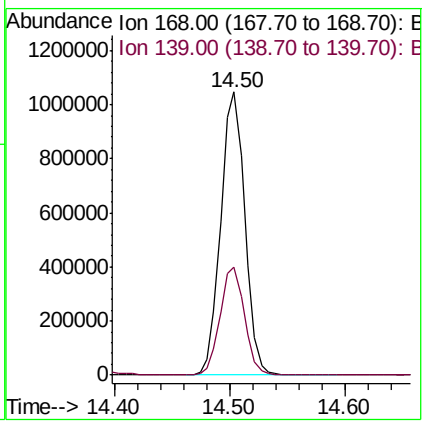


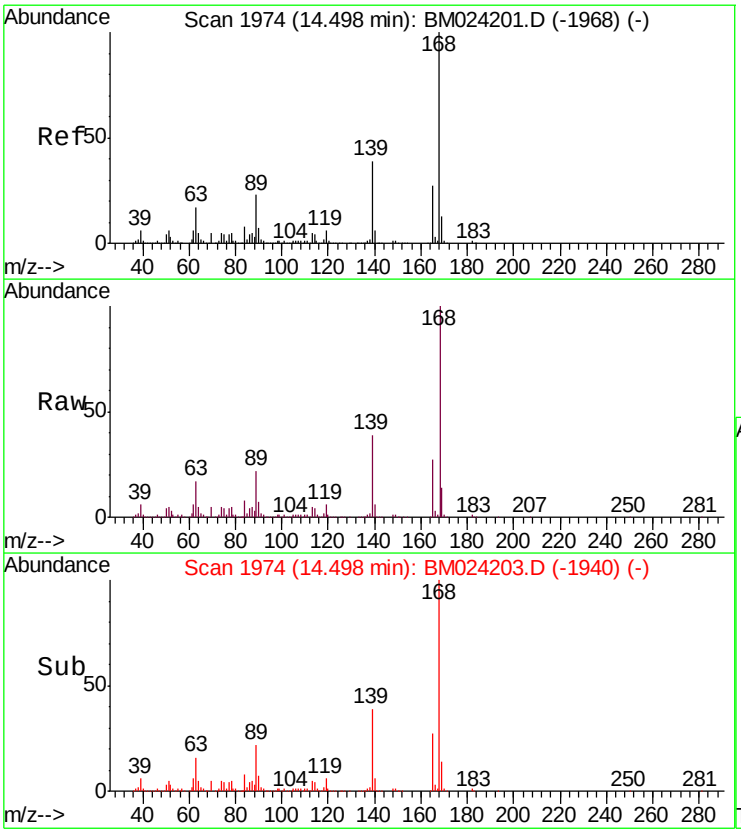
#54
Dibenzofuran
Concen: 22.329 ng/ul
RT: 14.50 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tgt Ion:168 Resp: 1516487

Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.4	45.6

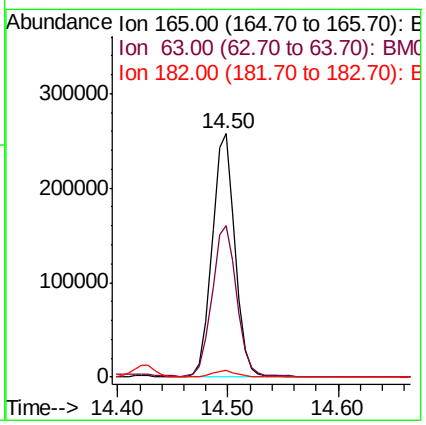


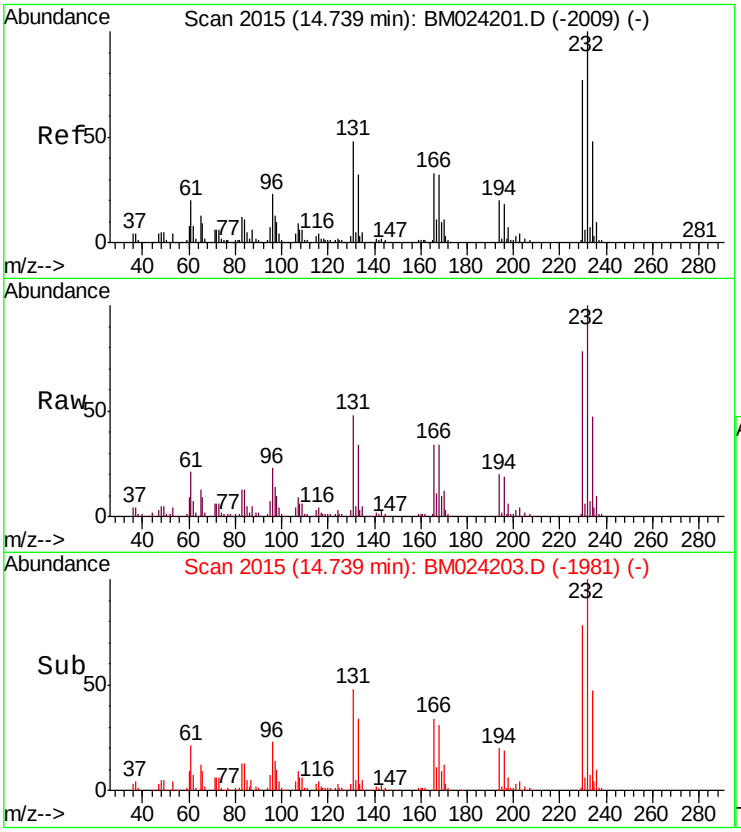


#55
2,4-Dinitrotoluene
Concen: 21.253 ng/ul
RT: 14.50 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion:165 Resp: 366993

Ion	Ratio	Lower	Upper
165	100		
63	62.4	43.6	65.4
182	2.9	2.3	3.5



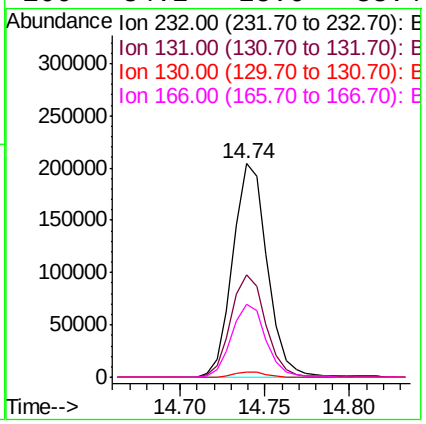


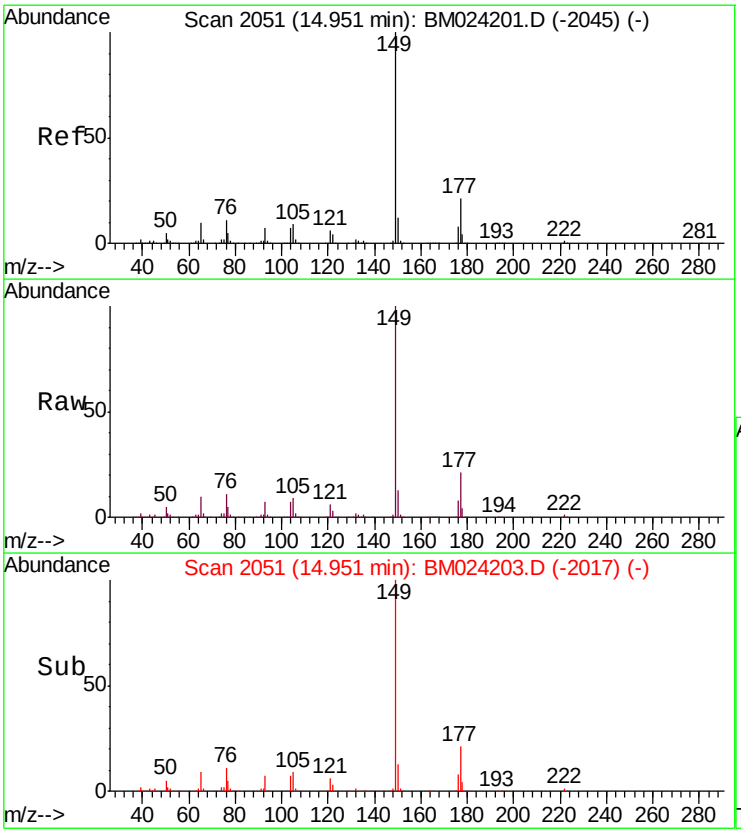
#56
2,3,4,6-Tetrachlorophenol
Concen: 22.154 ng/ul
RT: 14.74 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tgt Ion:232 Resp: 291548

Ion	Ratio	Lower	Upper
232	100		
131	48.0	36.4	54.6
130	2.6	1.9	2.9
166	34.2	25.6	38.4

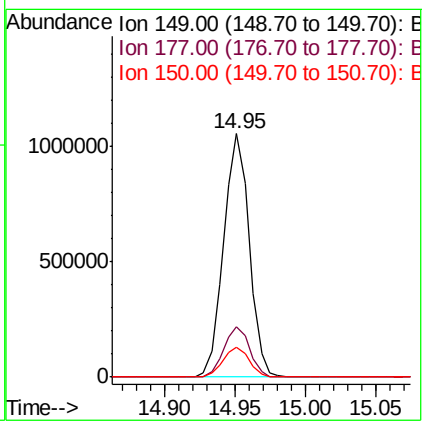


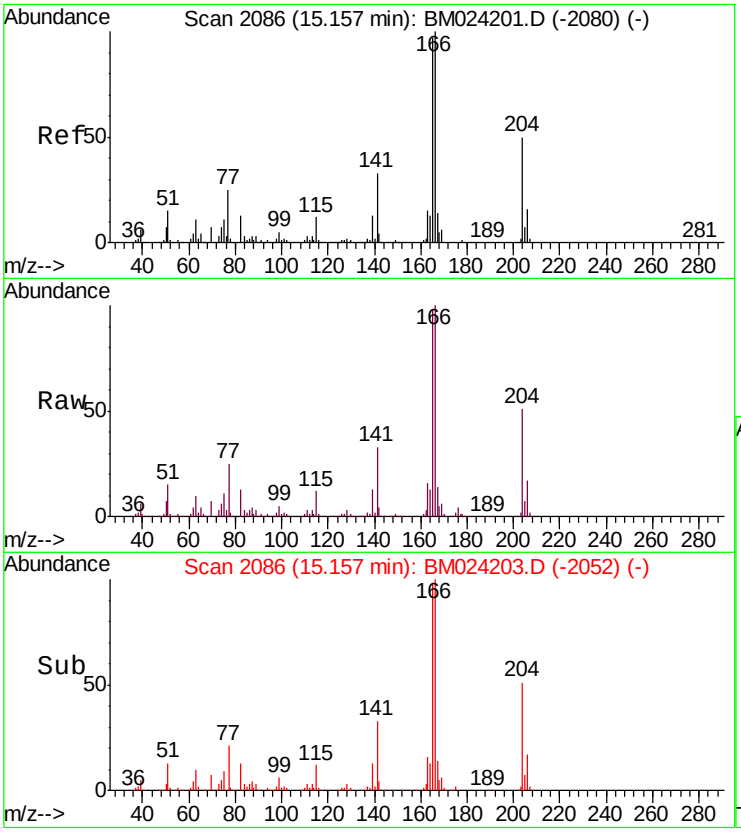


#57
Diethylphthalate
Concen: 22.496 ng/ul
RT: 14.95 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion:149 Resp: 1327566

Ion	Ratio	Lower	Upper
149	100		
177	20.8	17.1	25.7
150	12.5	9.9	14.9



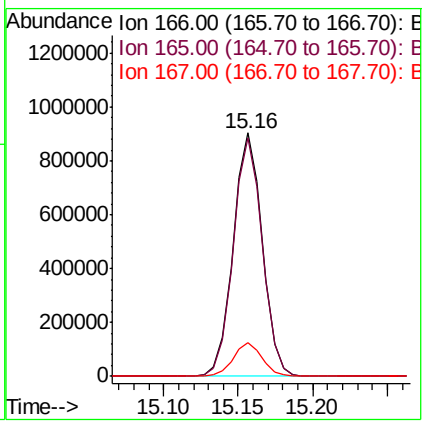


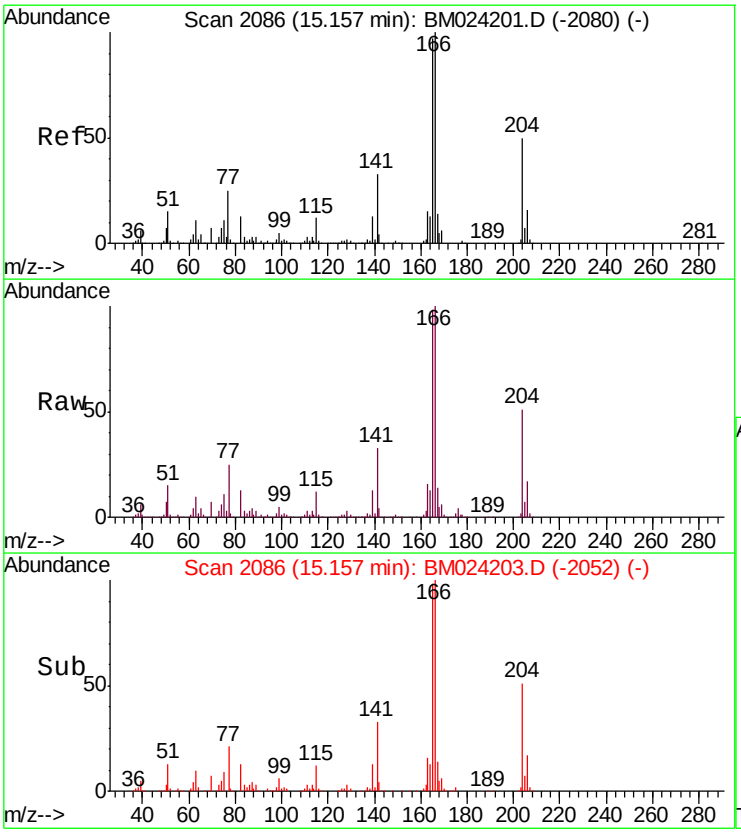
#59
Fluorene
Concen: 21.387 ng/ul
RT: 15.16 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tgt Ion:166 Resp: 1226644

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.3	117.5
167	13.7	10.4	15.6

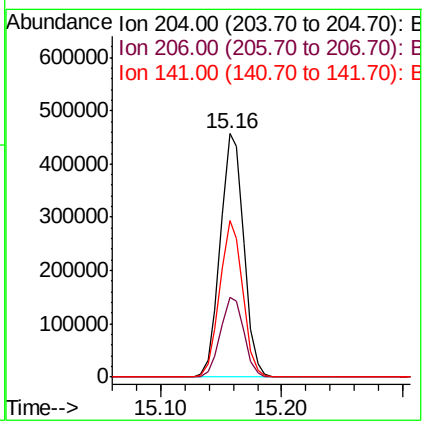


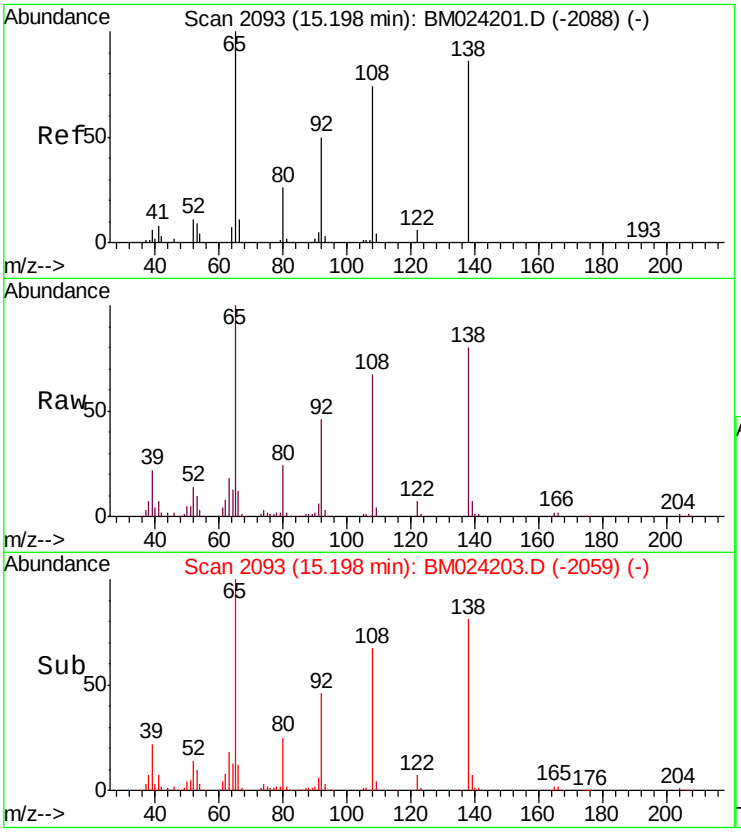


#60
4-Chlorophenyl-phenylether
Concen: 21.980 ng/ul
RT: 15.16 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion:204 Resp: 613015

Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.8	38.6
141	64.6	48.0	72.0



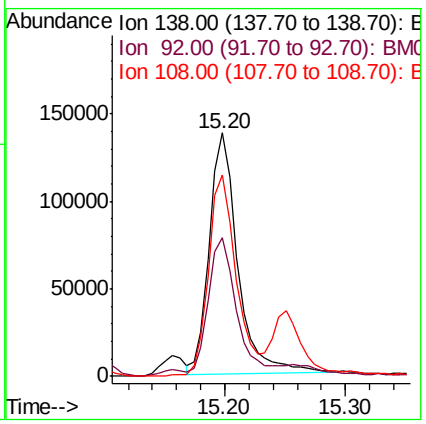


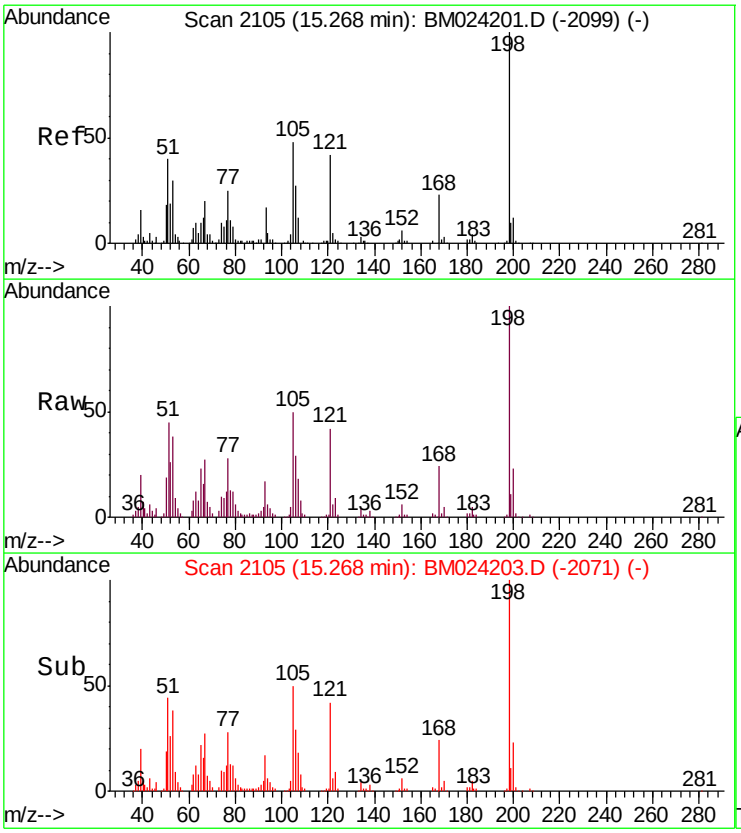
#61
4-Nitroaniline
Concen: 18.563 ng/ul
RT: 15.20 min Scan# 2093
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tgt Ion:138 Resp: 222425

Ion	Ratio	Lower	Upper
138	100		
92	56.8	44.5	66.7
108	82.9	65.8	98.8

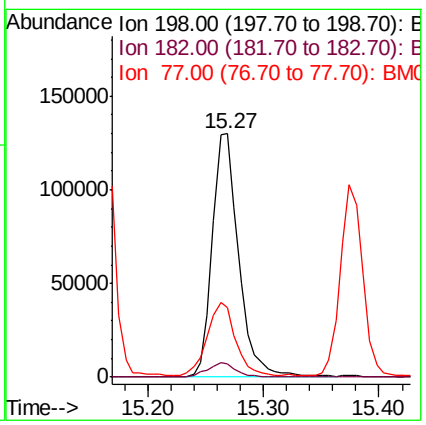


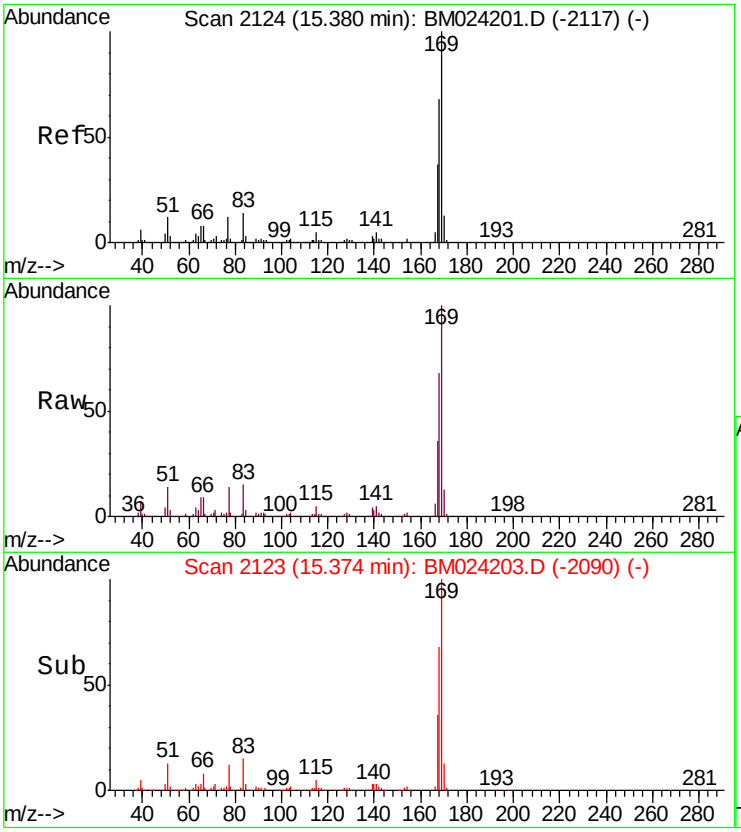


#64
4,6-Dinitro-2-methylphenol
Concen: 20.443 ng/ul
RT: 15.27 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion:198 Resp: 207428

Ion	Ratio	Lower	Upper
198	100		
182	5.4	4.1	6.1
77	28.3	21.9	32.9



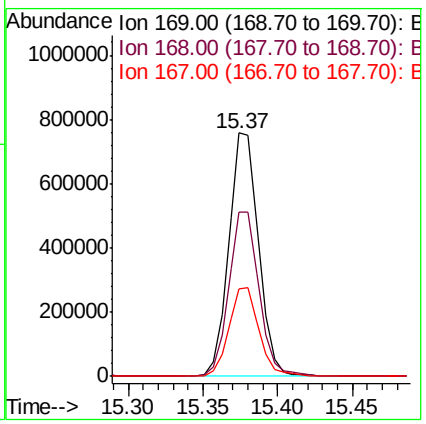


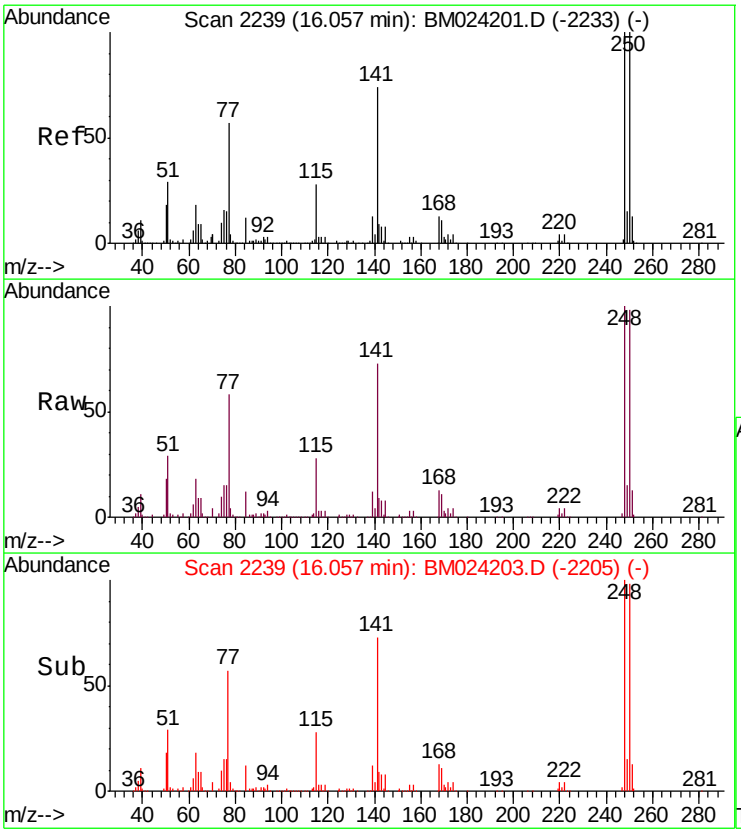
#65
N-Nitrosodiphenylamine
Concen: 23.371 ng/ul
RT: 15.37 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tgt Ion:169 Resp: 1058205

Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.4	81.6
167	36.0	28.7	43.1

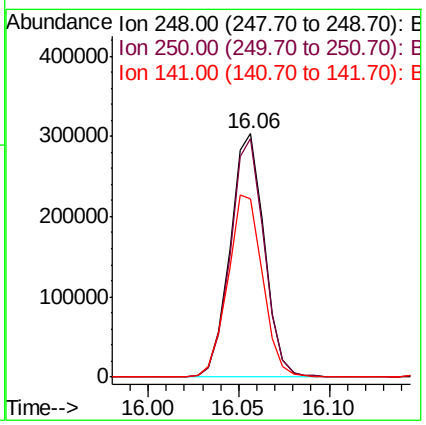


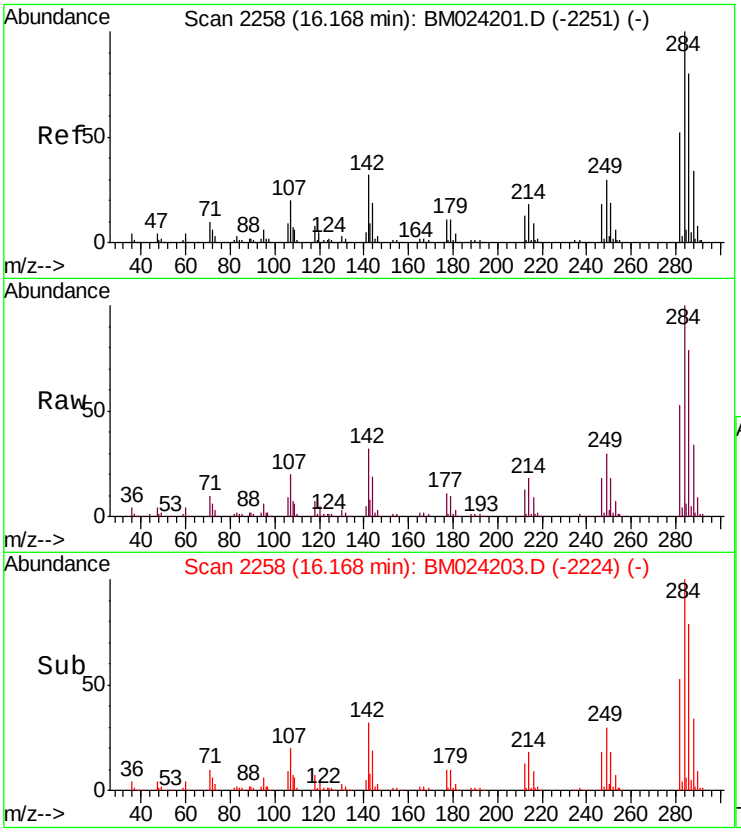


#66
4-Bromophenyl-phenylether
Concen: 23.930 ng/ul
RT: 16.06 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion:248 Resp: 396105

Ion	Ratio	Lower	Upper
248	100		
250	98.1	78.9	118.3
141	73.0	60.3	90.5



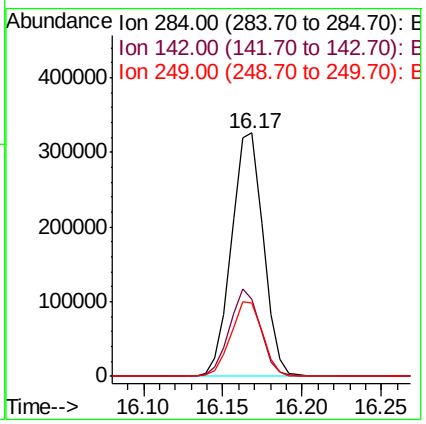


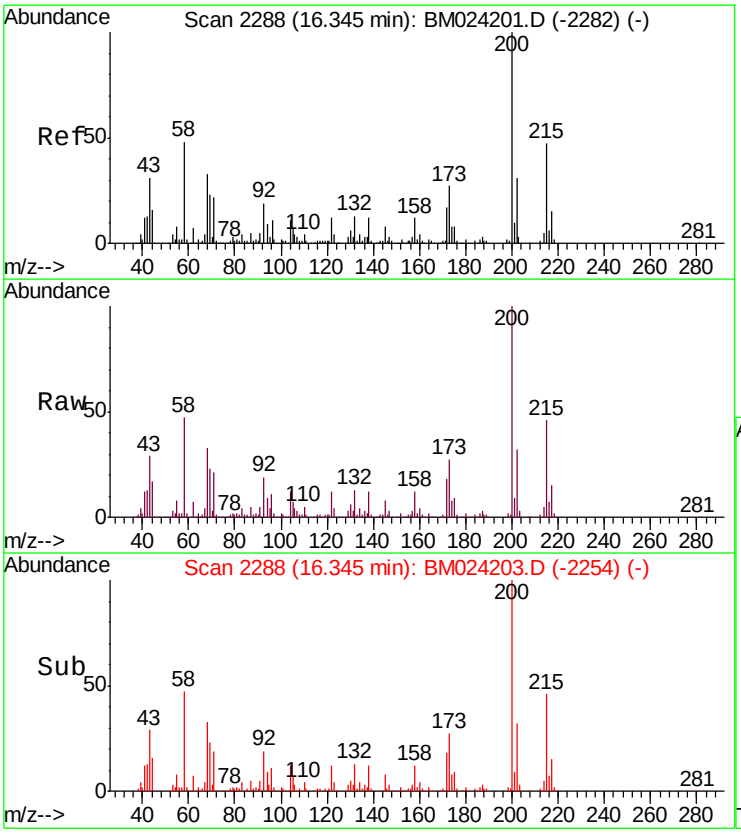
#67
Hexachlorobenzene
Concen: 22.397 ng/ul
RT: 16.17 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tgt Ion:284 Resp: 453943

Ion	Ratio	Lower	Upper
284	100		
142	31.8	27.4	41.0
249	30.0	23.8	35.6

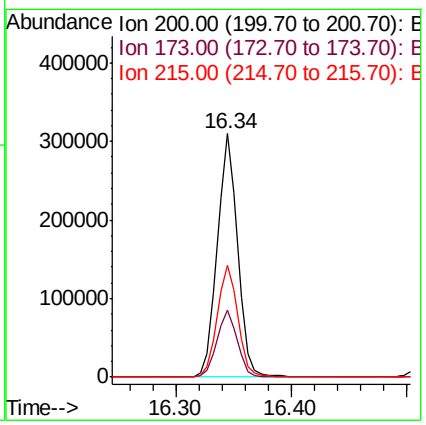


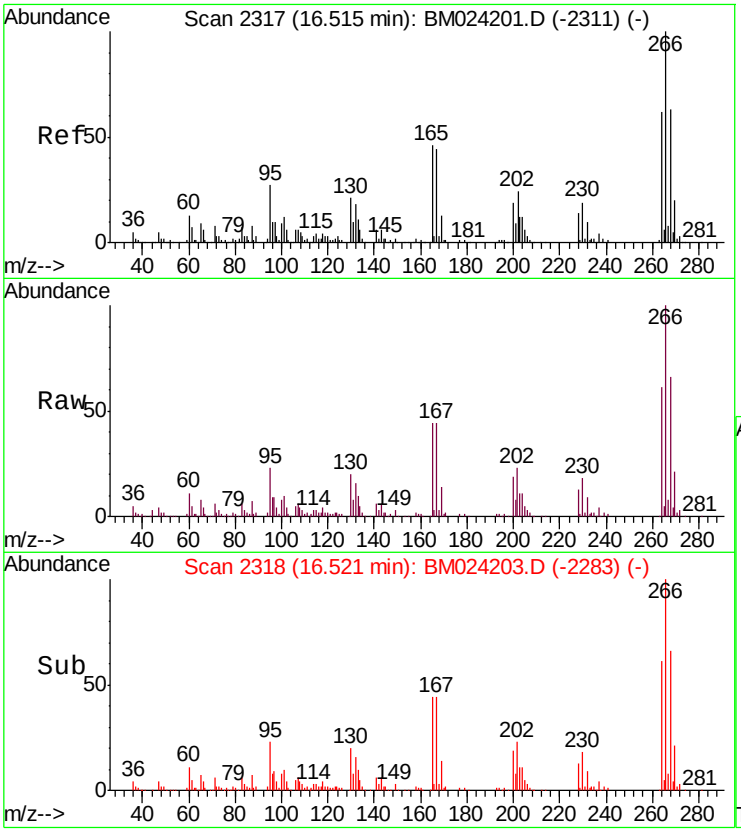


#68
Atrazine
Concen: 22.426 ng/ul
RT: 16.34 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion:200 Resp: 377448

Ion	Ratio	Lower	Upper
200	100		
173	27.4	21.8	32.8
215	45.9	37.3	55.9



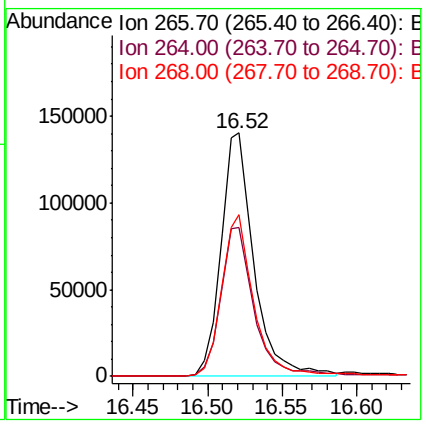


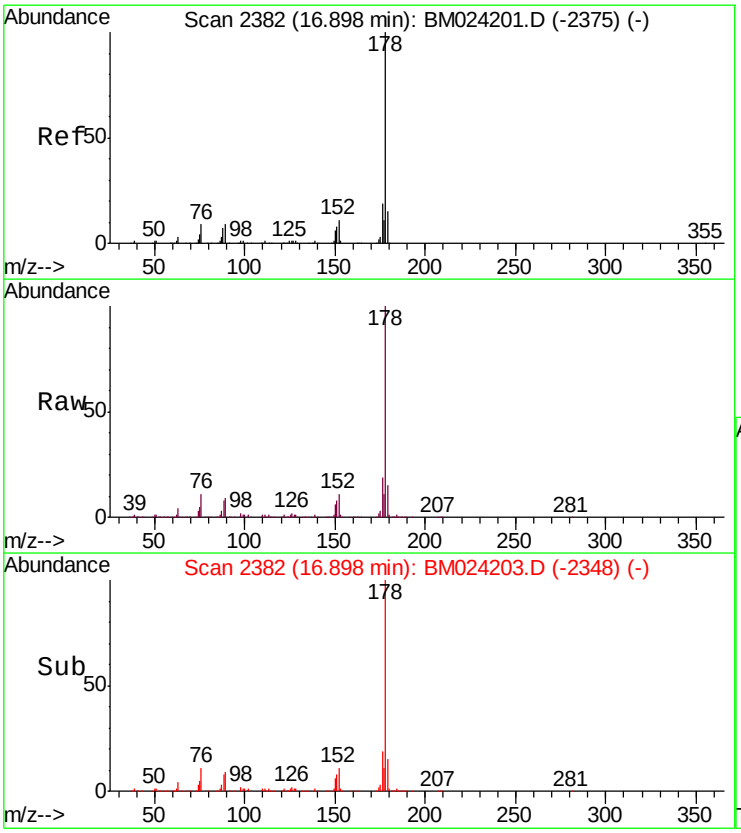
#69
Pentachlorophenol
Concen: 20.454 ng/ul
RT: 16.52 min Scan# 2318
Delta R.T. 0.01 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tgt Ion:266 Resp: 217243

Ion	Ratio	Lower	Upper
266	100		
264	61.3	47.9	71.9
268	66.3	51.3	76.9

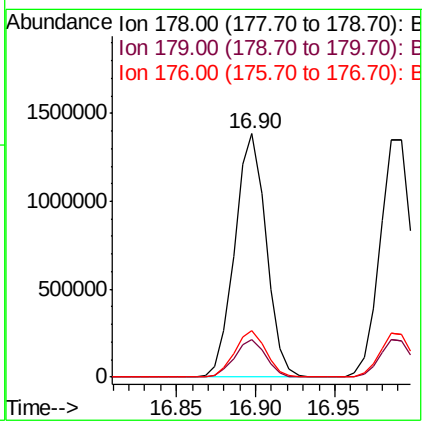


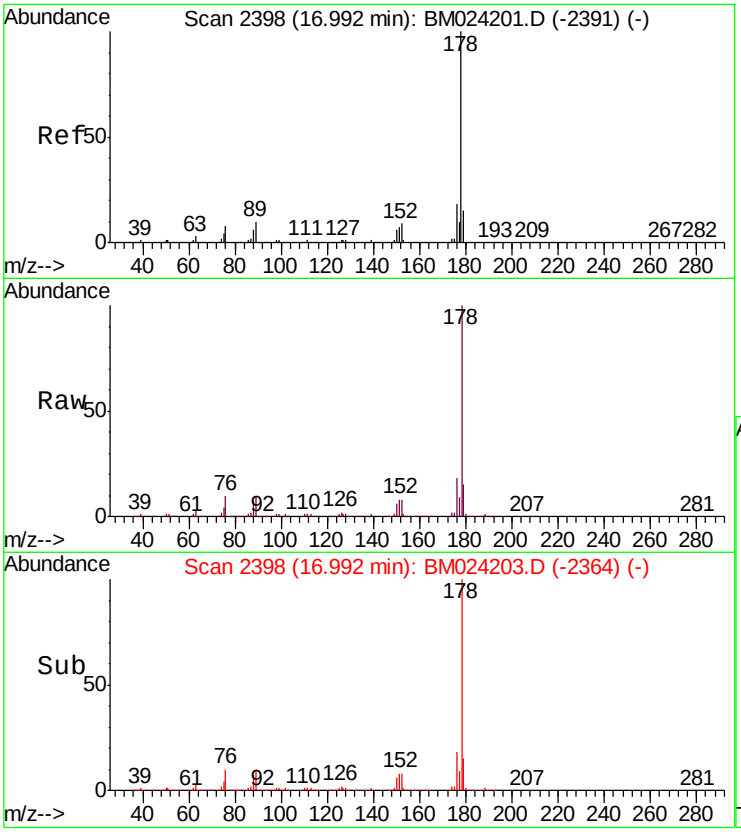


#70
Phenanthrene
Concen: 21.819 ng/ul
RT: 16.90 min Scan# 2382
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion:178 Resp: 1902218

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	18.9	15.1	22.7



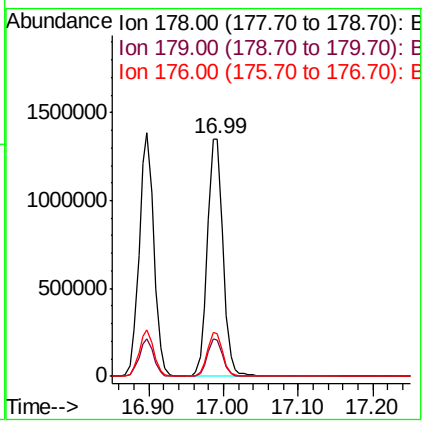


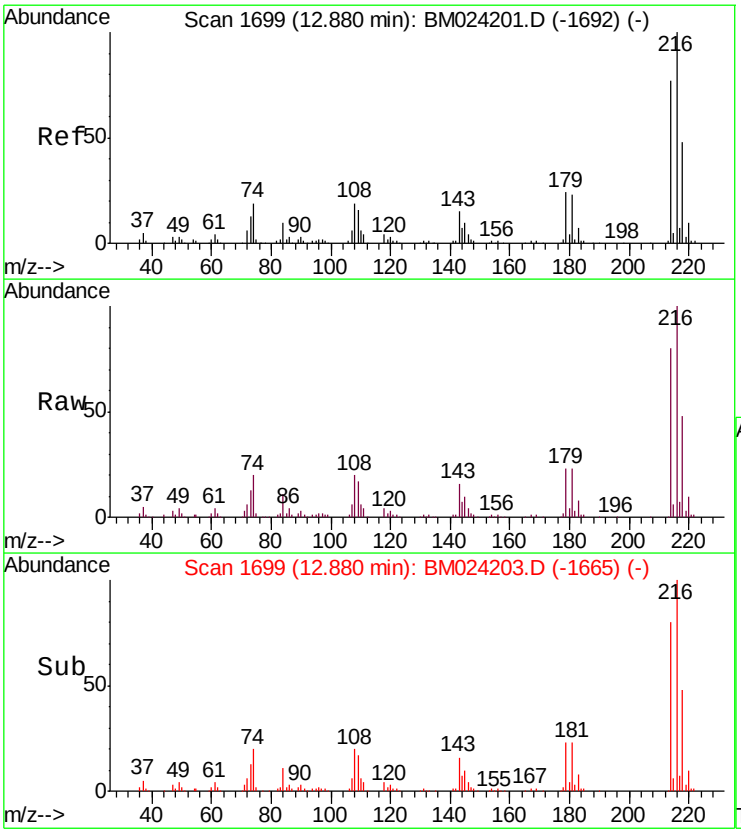
#72
Anthracene
Concen: 22.214 ng/ul
RT: 16.99 min Scan# 2398
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tgt Ion:178 Resp: 1946984

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.1	14.7	22.1

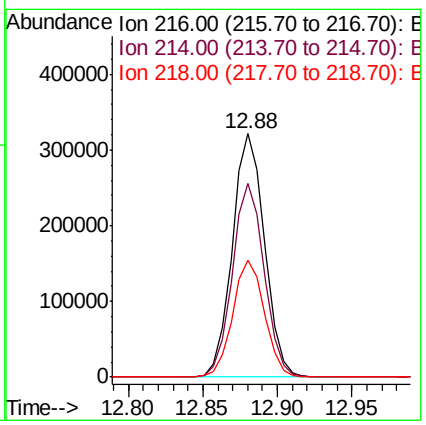


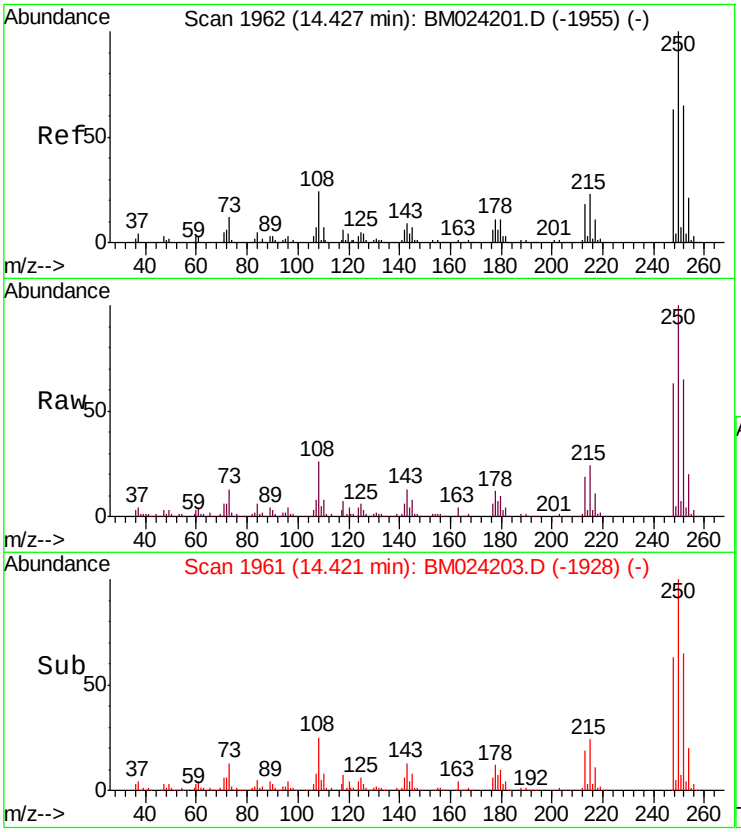


#73
1,2,3,4-Tetrachlorobenzene
Concen: 24.712 ng/uL
RT: 12.88 min Scan# 1699
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion:216 Resp: 482978

Ion	Ratio	Lower	Upper
216	100		
214	79.8	61.2	91.8
218	47.9	38.0	57.0



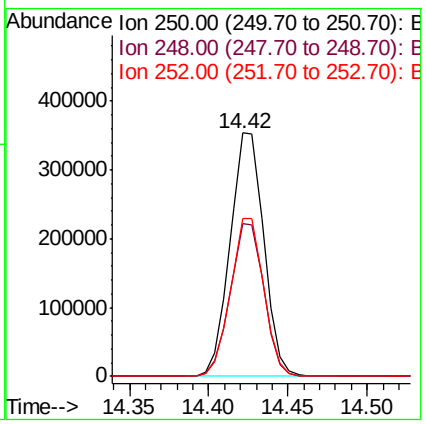


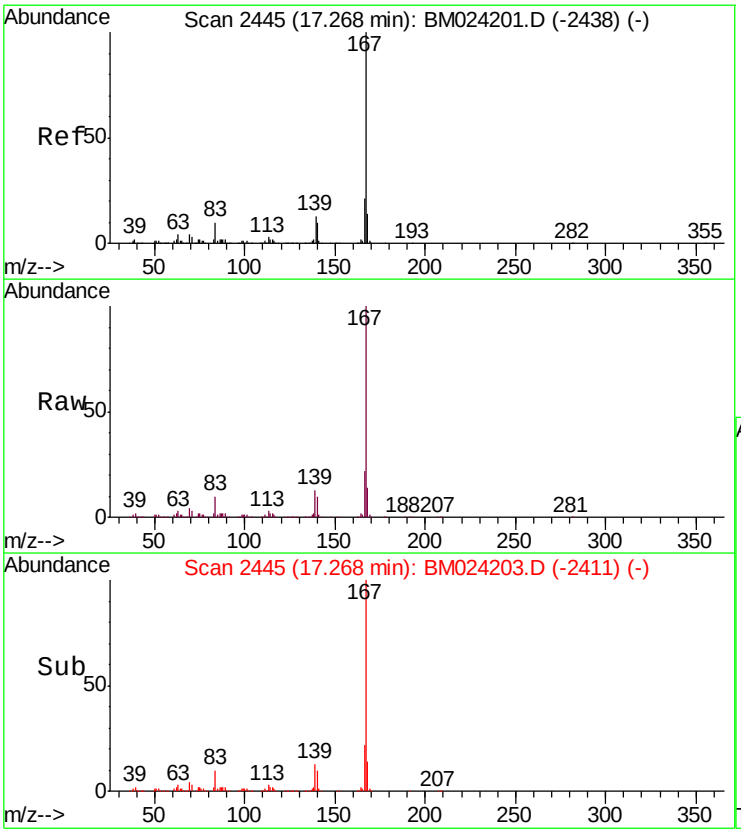
#74
Pentachlorobenzene
Concen: 24.188 ng/uL
RT: 14.42 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tgt Ion:250 Resp: 520645

Ion	Ratio	Lower	Upper
250	100		
248	62.7	51.9	77.9
252	64.6	52.8	79.2

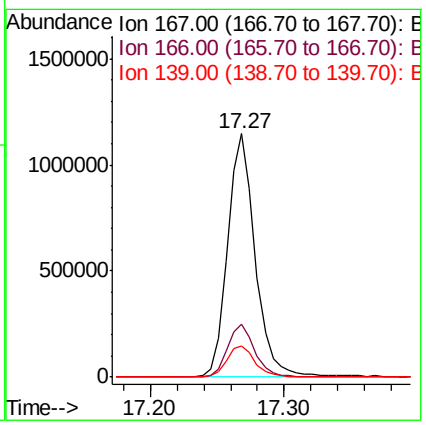


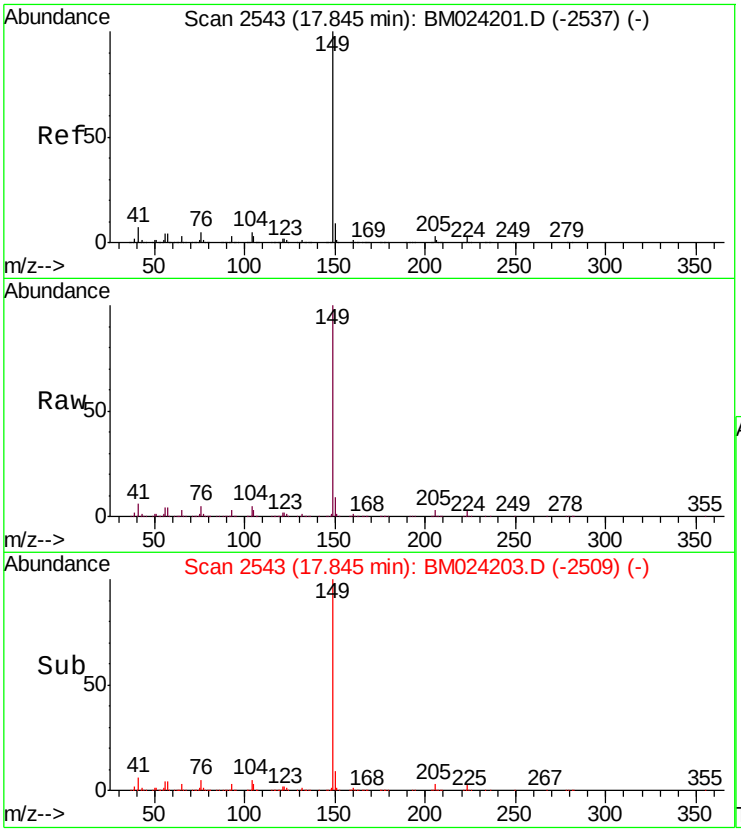


#75
Carbazole
Concen: 22.053 ng/ul
RT: 17.27 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion:167 Resp: 1660457

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.0	25.6
139	12.9	10.3	15.5



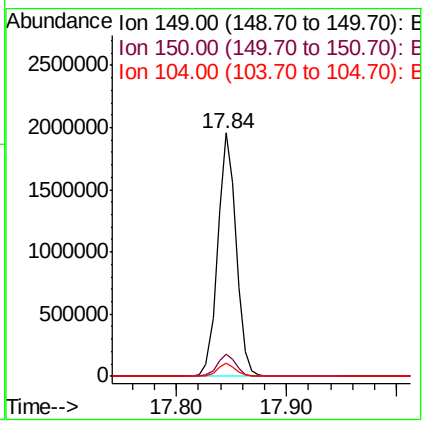


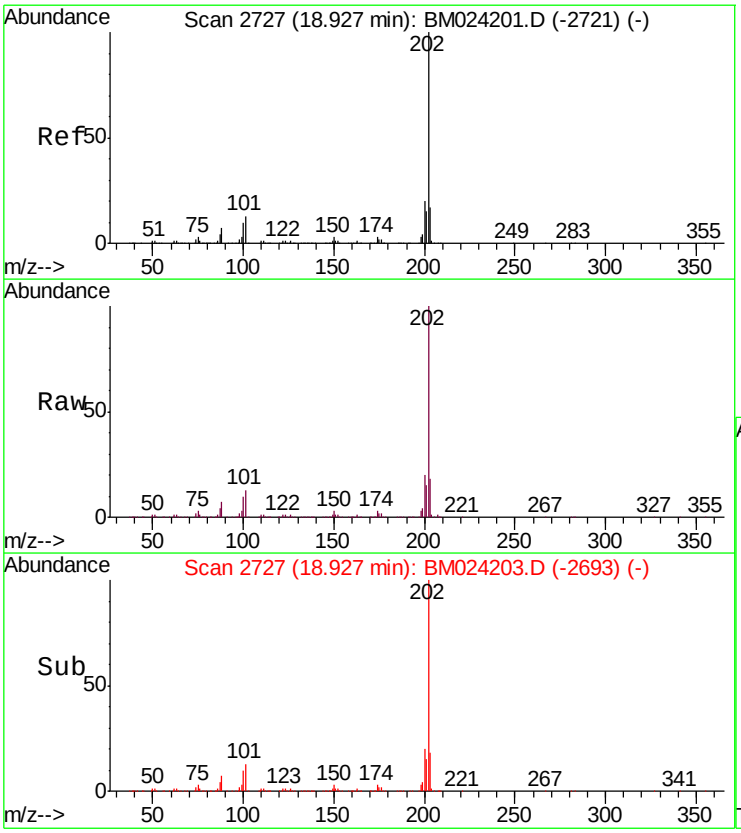
#76
Di-n-butylphthalate
Concen: 25.084 ng/ul
RT: 17.84 min Scan# 2543
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tgt Ion:149 Resp: 2265005

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.0	10.6
104	5.3	4.2	6.2

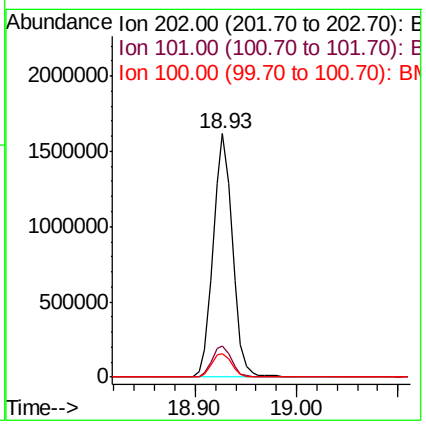


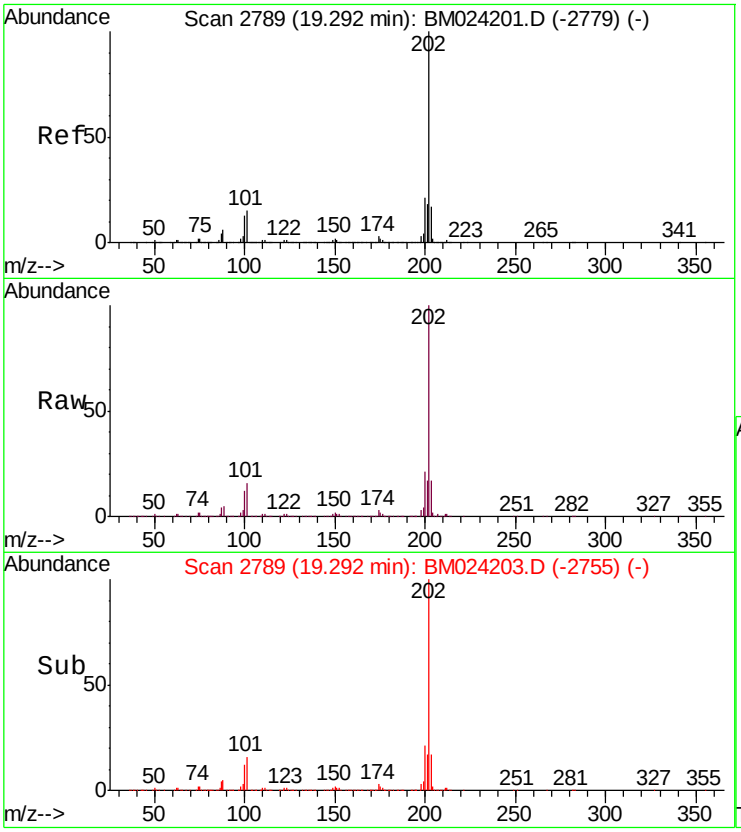


#77
Fluoranthene
Concen: 22.552 ng/ul
RT: 18.93 min Scan# 2727
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion:202 Resp: 2142958

Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.6	15.8
100	9.8	8.1	12.1



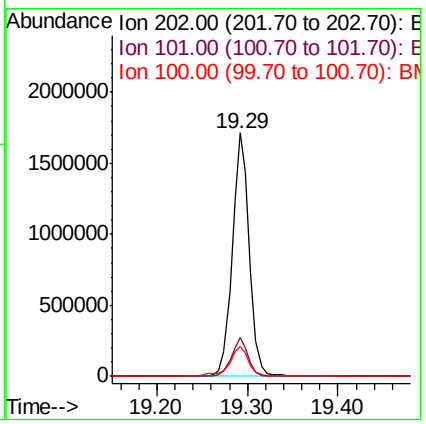


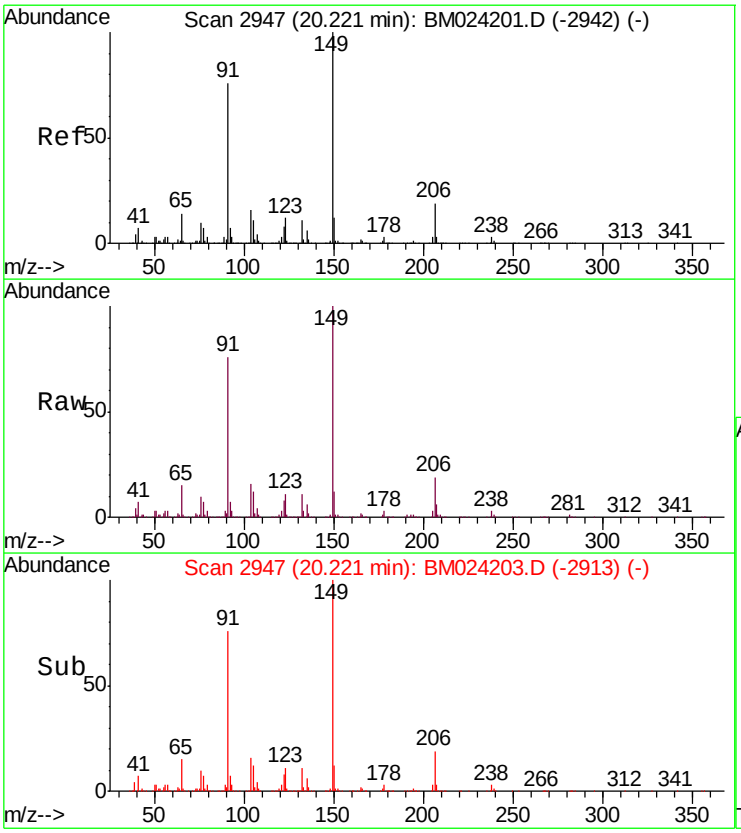
#80
Pyrene
Concen: 21.781 ng/ul
RT: 19.29 min Scan# 2789
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tgt Ion:202 Resp: 2229326

Ion	Ratio	Lower	Upper
202	100		
101	15.7	12.2	18.4
100	12.5	10.0	15.0

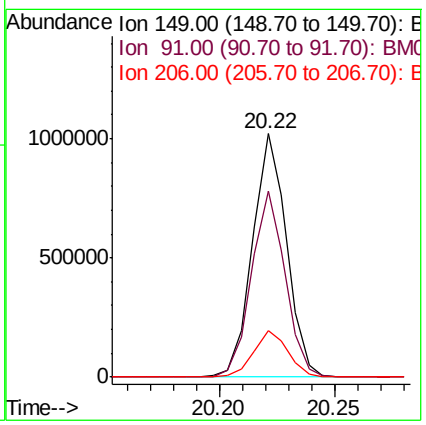


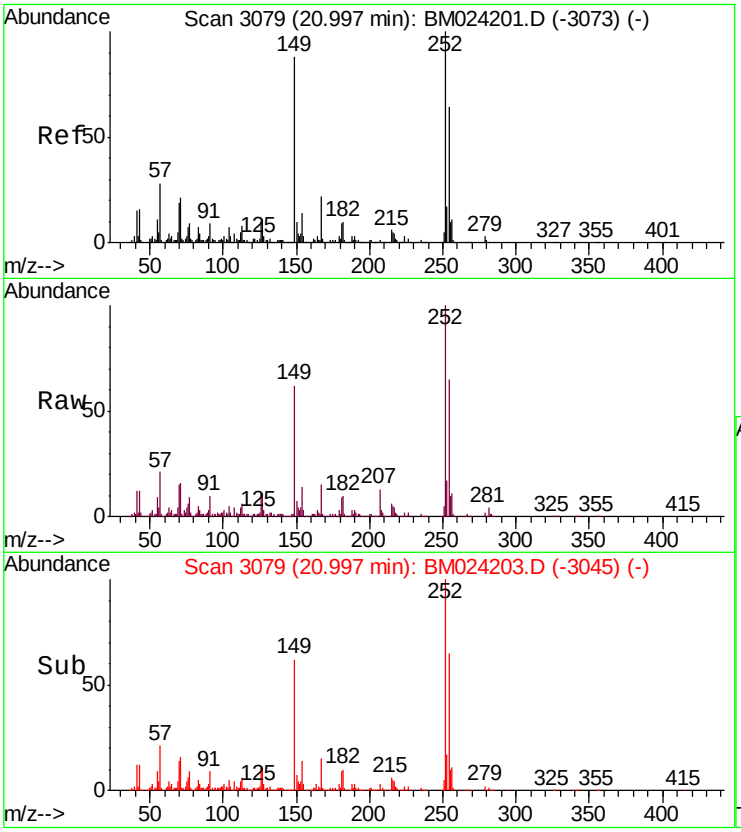


#81
Butylbenzylphthalate
Concen: 25.995 ng/ul
RT: 20.22 min Scan# 2947
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion:149 Resp: 1048205

Ion	Ratio	Lower	Upper
149	100		
91	76.3	59.8	89.8
206	19.2	15.4	23.2



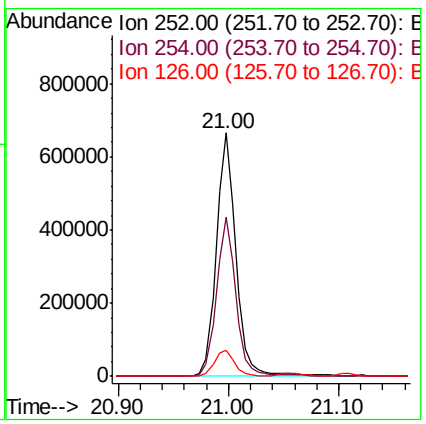


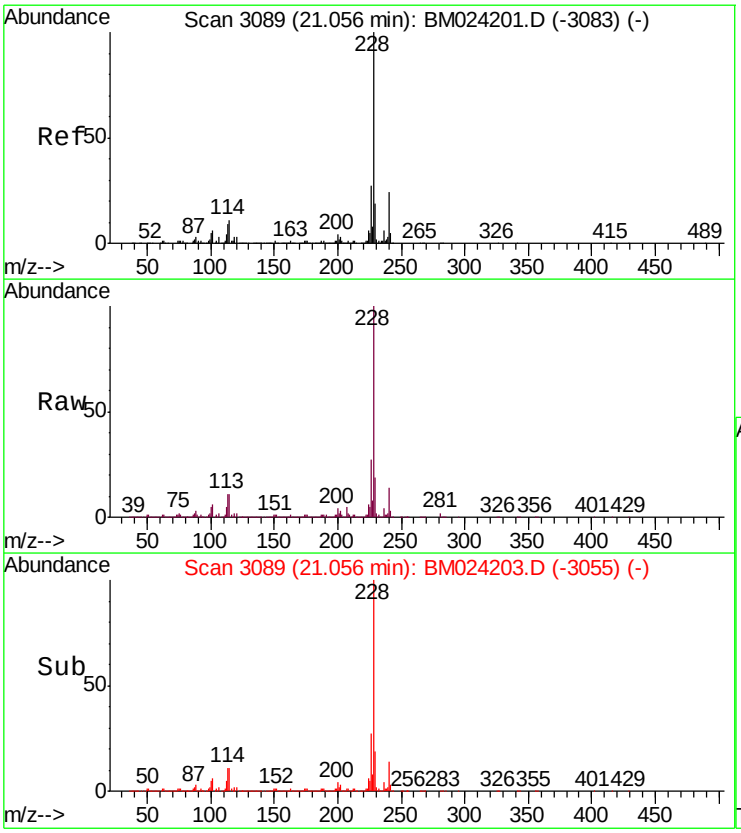
#82
3,3'-Dichlorobenzidine
Concen: 23.587 ng/ul
RT: 21.00 min Scan# 3079
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tgt Ion:252 Resp: 820922

Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.1	78.1
126	10.8	8.9	13.3

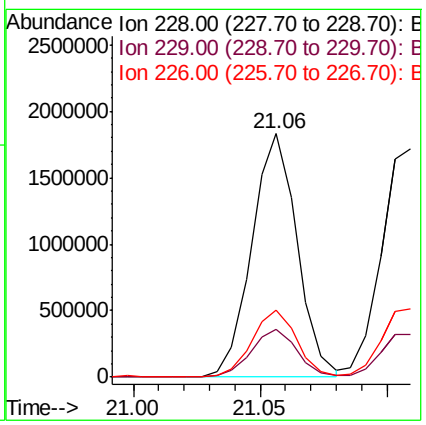


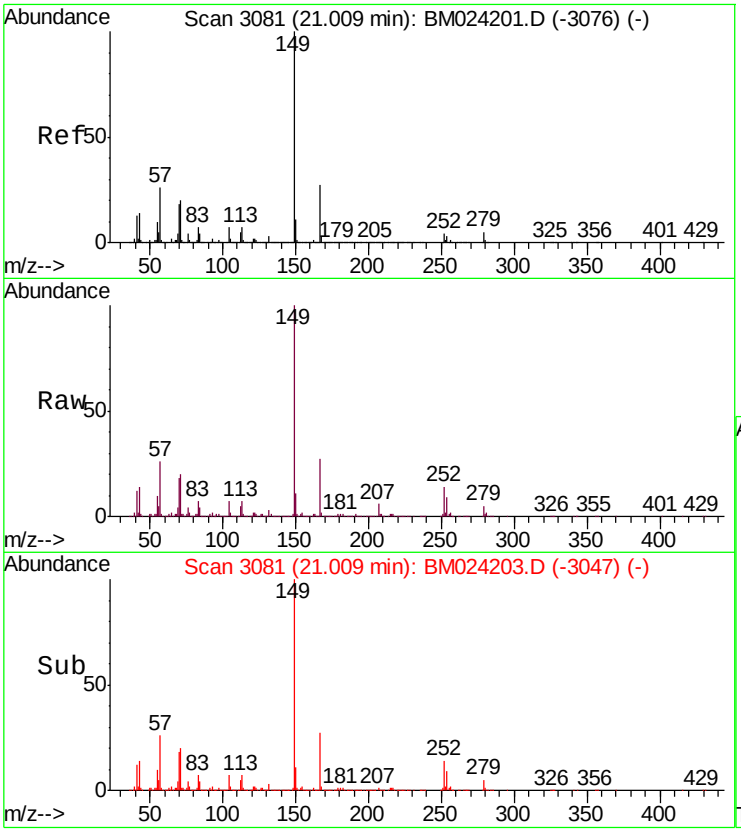


#83
Benzo(a)anthracene
Concen: 22.900 ng/ul
RT: 21.06 min Scan# 3089
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion:228 Resp: 2287497

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.8	23.8
226	27.3	22.2	33.2



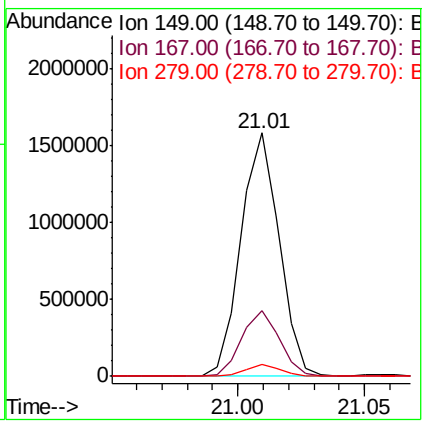


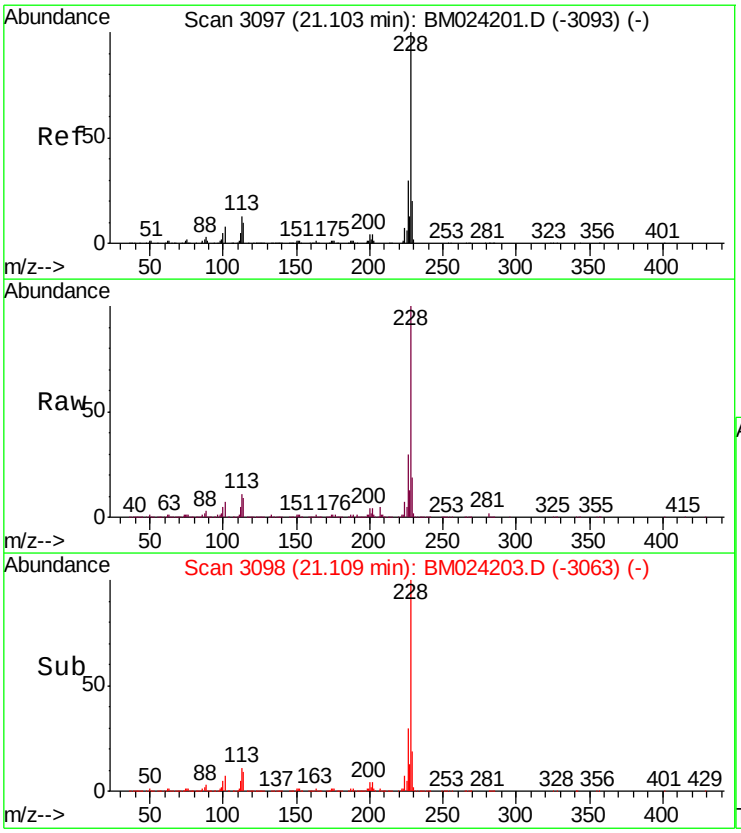
#84
Bis(2-ethylhexyl)phthalate
Concen: 27.635 ng/ul
RT: 21.01 min Scan# 3081
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tgt Ion:149 Resp: 1660628

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	4.8	3.7	5.5

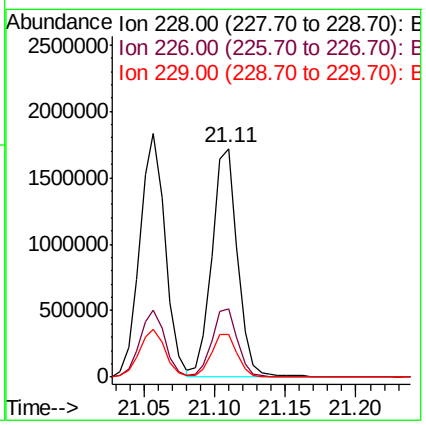


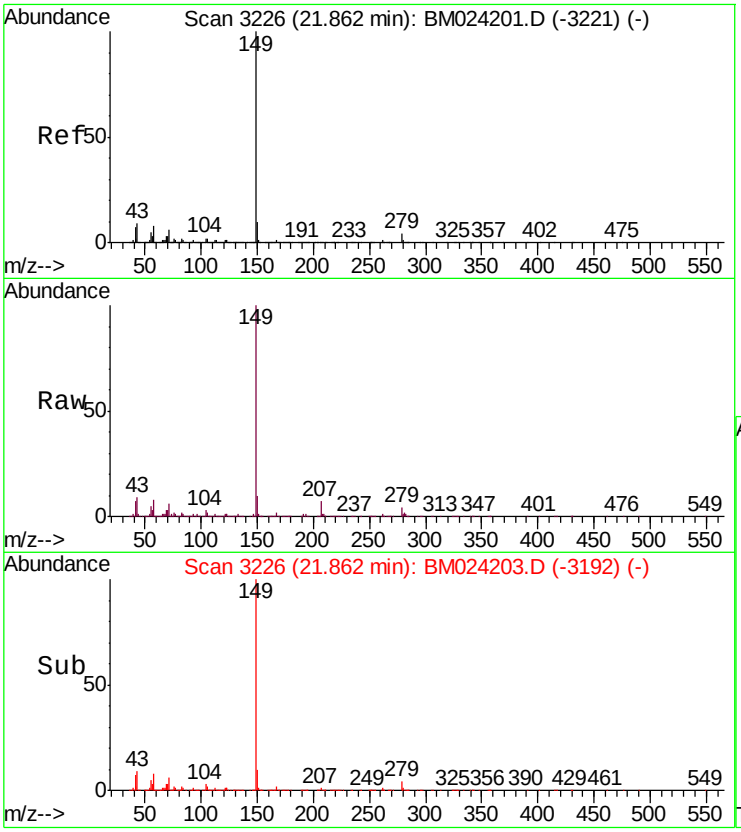


#85
Chrysene
Concen: 22.035 ng/ul
RT: 21.11 min Scan# 3098
Delta R.T. 0.01 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion:228 Resp: 2157483

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	18.9	15.4	23.2

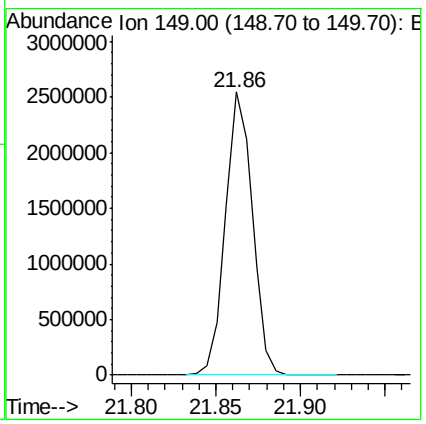


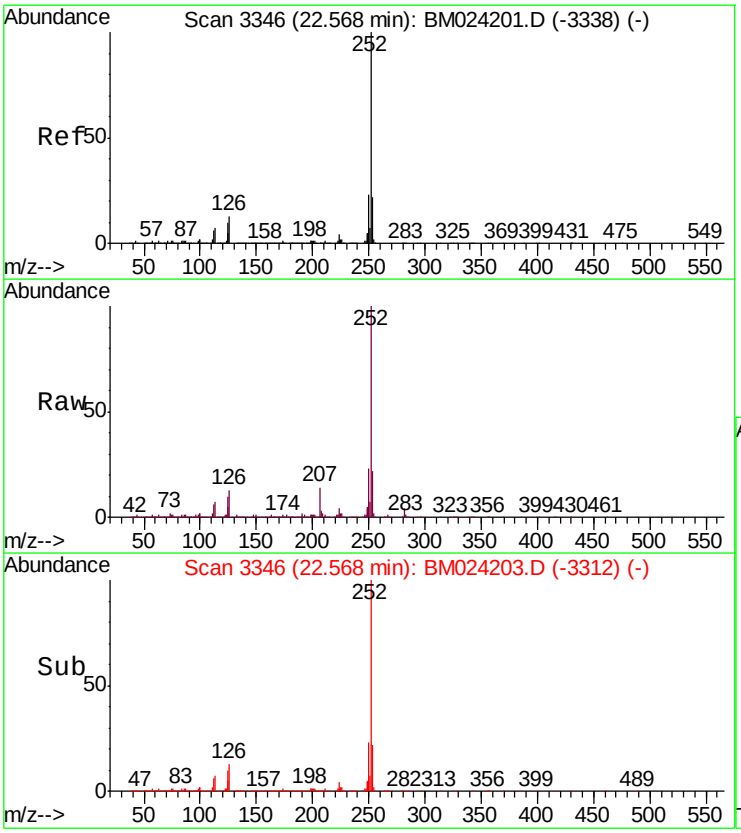


#87
Di-n-octyl phthalate
Concen: 29.001 ng/ul
RT: 21.86 min Scan# 3226
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tgt Ion:149 Resp: 2824255

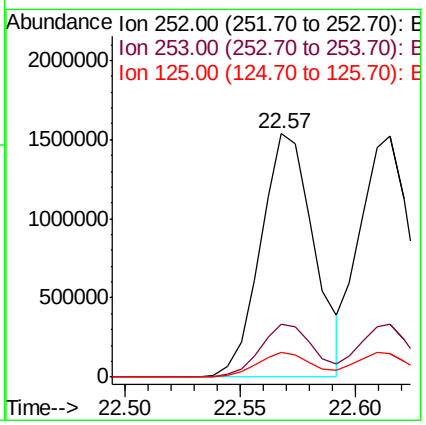


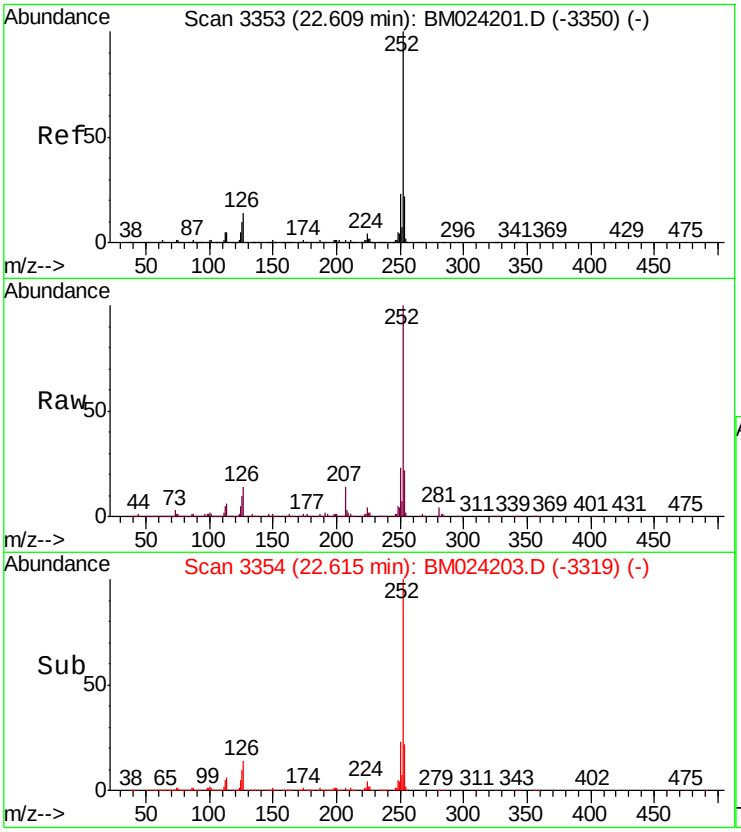


#88
Benzo(b)fluoranthene
Concen: 22.853 ng/ul
RT: 22.57 min Scan# 3346
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion:252 Resp: 2464542

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	10.1	7.8	11.8



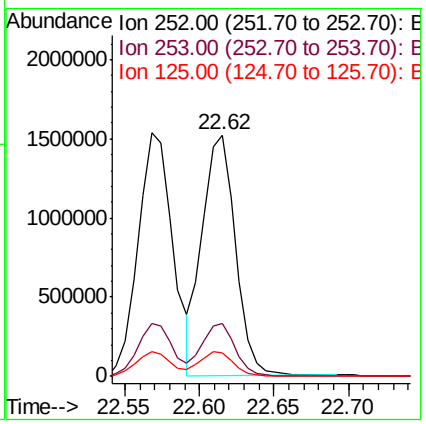


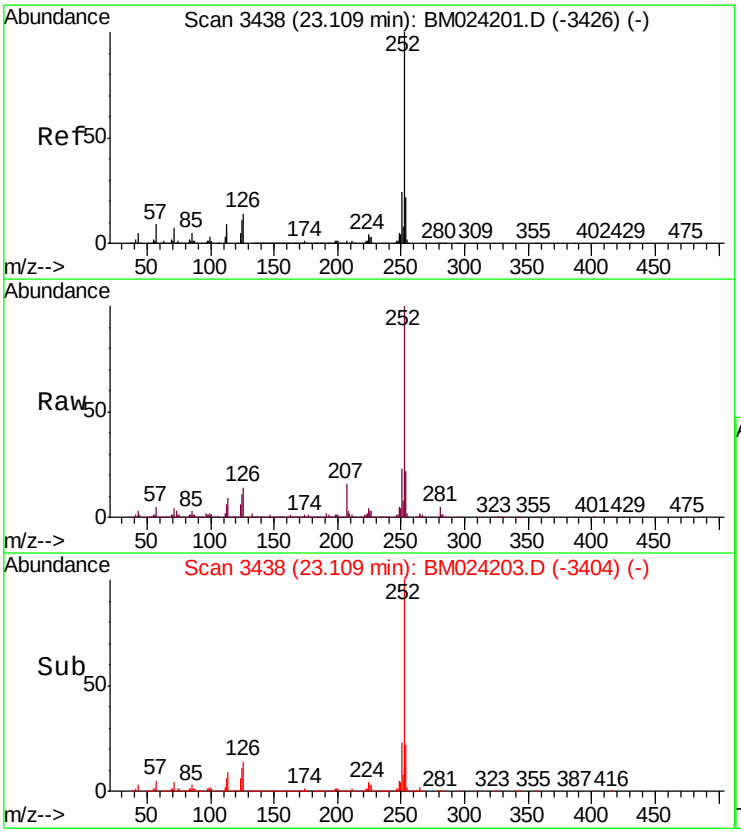
#89
Benzo(k)fluoranthene
Concen: 22.329 ng/ul
RT: 22.62 min Scan# 3354
Delta R.T. 0.01 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tgt Ion:252 Resp: 2362781

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	10.0	7.9	11.9

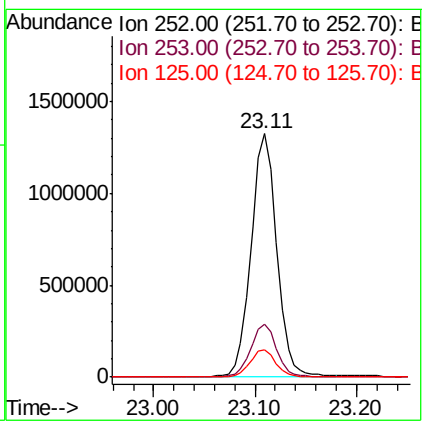


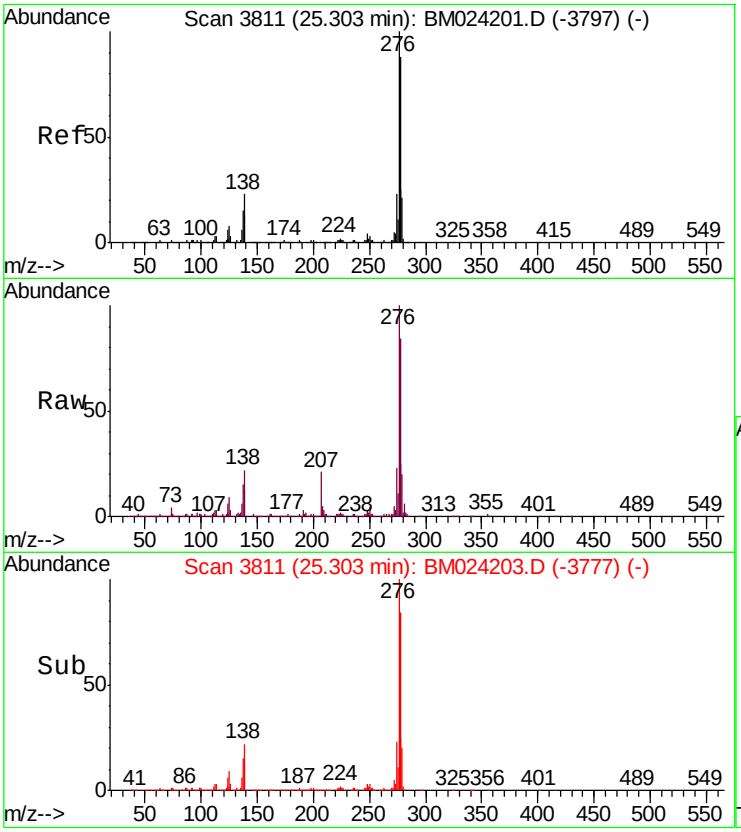


#91
Benzo(a)pyrene
Concen: 23.832 ng/ul
RT: 23.11 min Scan# 3438
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion:252 Resp: 2325065

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	11.3	8.2	12.4



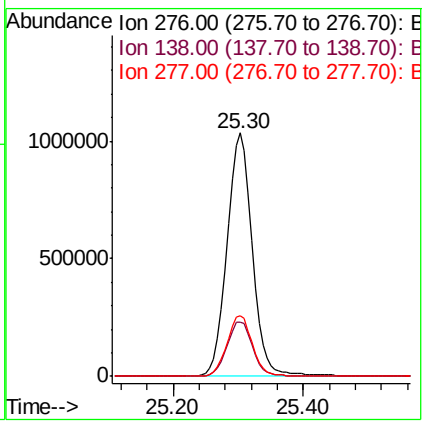


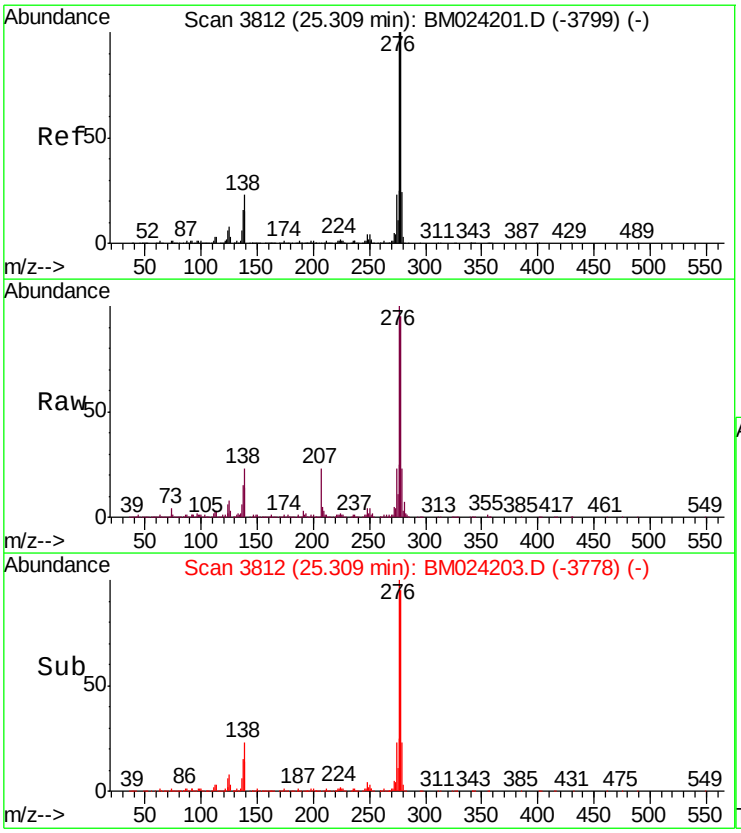
#92
Indeno(1,2,3-cd)pyrene
Concen: 23.791 ng/ul
RT: 25.30 min Scan# 3811
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tgt Ion:276 Resp: 2787113

Ion	Ratio	Lower	Upper
276	100		
138	22.4	18.3	27.5
277	25.1	20.2	30.2

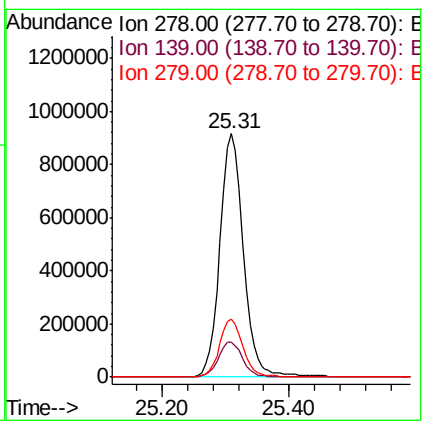


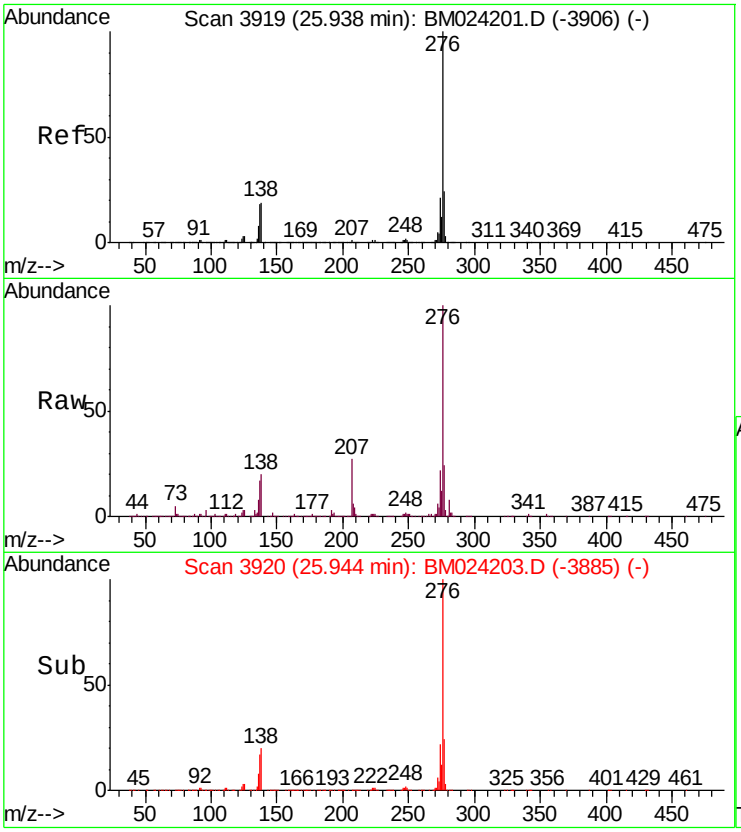


#93
Dibenzo(a,h)anthracene
Concen: 24.022 ng/ul
RT: 25.31 min Scan# 3812
Delta R.T. 0.00 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Tgt Ion:278 Resp: 2359386

Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.5	17.3
279	23.7	18.9	28.3





#94
Benzo(g,h,i)perylene
Concen: 24.102 ng/ul
RT: 25.94 min Scan# 3920
Delta R.T. 0.01 min
Lab File: BM024203.D
Acq: 20 Dec 2019 14:52

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Tgt Ion:276 Resp: 2305317

Ion	Ratio	Lower	Upper
276	100		
138	19.7	15.3	22.9
277	23.7	19.3	28.9