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

Quantitation Report (Not Reviewed)

Data File : BM024204.D
Acq On : 20 Dec 2019 15:28
Operator : JU
Sample : K4649-07MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A5169MS

Quant Time: Dec 21 00:38:23 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	267401	20.00	ng/ul	0.00
18) Naphthalene-d8	10.20	136	1186053	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	746894	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1539015	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1442605	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1612296	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.99	96	57138	9.44	ng/uL	0.00
5) Phenol-d5	6.63	99	511383	20.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	342804	22.58	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	396685	21.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	409565	19.79	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	193870	22.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	215606	23.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	412217	22.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	536716	24.26	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	1268493	22.97	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1464148	22.12	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	184599	18.62	ng/ul	0.00
58) Fluorene-d10	15.10	176	1061023	21.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	186764	19.89	ng/ul	0.00
71) Anthracene-d10	16.96	188	1588790	22.69	ng/ul	0.00
79) Pyrene-d10	19.26	212	1648009	23.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	1830402	22.86	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.02	88	61372	9.153	ng/uL	89
4) Benzaldehyde	6.59	77	340023	20.774	ng/ul	98
6) Phenol	6.66	94	523787	20.034	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.88	93	430807	21.265	ng/ul	97
10) 2-Chlorophenol	7.00	128	413703	22.338	ng/ul	99
11) 2-Methylphenol	7.89	108	389502	20.037	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.97	45	534512	22.909	ng/ul	98
14) Acetophenone	8.26	105	661182	21.184	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.25	70	385142	22.336	ng/ul	98
16) 4-Methylphenol	8.22	108	434515	20.134	ng/ul	99
17) Hexachloroethane	8.49	117	176244	23.056	ng/ul	100
20) Nitrobenzene	8.63	77	524948	22.159	ng/ul	98
21) Isophorone	9.16	82	980977	22.154	ng/ul	99
23) 2-Nitrophenol	9.33	139	234763	22.756	ng/ul	96
24) 2,4-Dimethylphenol	9.41	107	497736	22.366	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.64	93	621982	22.611	ng/ul	98
27) 2,4-Dichlorophenol	9.87	162	397067	22.271	ng/ul	99
28) Naphthalene	10.25	128	1347942	21.688	ng/ul	99
30) 4-Chloroaniline	10.38	127	530150	23.740	ng/ul	99
31) Hexachlorobutadiene	10.54	225	253180	22.970	ng/ul	100
32) Caprolactam	11.18	113	111142	16.497	ng/ul	99
33) 4-Chloro-3-methylphenol	11.52	107	443307	20.721	ng/ul	99
34) 2-Methylnaphthalene	11.88	142	989441	22.272	ng/ul	99

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

Quantitation Report (Not Reviewed)

Data File : BM024204.D
Acq On : 20 Dec 2019 15:28
Operator : JU
Sample : K4649-07MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A5169MS

Quant Time: Dec 21 00:38:23 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	978321	21.575	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.26	216	478371	23.693	ng/ul	99
38) Hexachlorocyclopentadiene	12.23	237	141695	15.575	ng/ul	96
39) 2,4,6-Trichlorophenol	12.52	196	308435	23.098	ng/ul	99
40) 2,4,5-Trichlorophenol	12.59	196	315099	21.890	ng/ul	98
41) 1,1'-Biphenyl	12.92	154	1291172	23.159	ng/ul	100
42) 2-Chloronaphthalene	12.96	162	985539	22.500	ng/ul	100
43) 2-Nitroaniline	13.18	65	286149	22.281	ng/ul	97
45) Dimethylphthalate	13.57	163	1247219	21.728	ng/ul	99
46) 2,6-Dinitrotoluene	13.69	165	239980	21.224	ng/ul	97
48) Acenaphthylene	13.82	152	1490439	21.213	ng/ul	99
49) 3-Nitroaniline	14.02	138	228036	21.250	ng/ul	93
50) Acenaphthene	14.16	153	1063302	22.010	ng/ul	100
51) 2,4-Dinitrophenol	14.25	184	106570	16.772	ng/ul	95
53) 4-Nitrophenol	14.36	109	148339	18.759	ng/ul	95
54) Dibenzofuran	14.50	168	1503460	22.386	ng/ul	99
55) 2,4-Dinitrotoluene	14.50	165	362308	21.218	ng/ul	86
56) 2,3,4,6-Tetrachlorophenol	14.74	232	286697	22.031	ng/ul	95
57) Diethylphthalate	14.95	149	1315062	22.534	ng/ul	99
59) Fluorene	15.16	166	1213091	21.389	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.16	204	602880	21.860	ng/ul	96
61) 4-Nitroaniline	15.20	138	217581	18.363	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.27	198	203278	20.272	ng/ul	99
65) N-Nitrosodiphenylamine	15.37	169	1056455	23.609	ng/ul	100
66) 4-Bromophenyl-phenylether	16.06	248	388890	23.772	ng/ul	99
67) Hexachlorobenzene	16.17	284	448741	22.403	ng/ul	97
68) Atrazine	16.34	200	368232	22.138	ng/ul	99
69) Pentachlorophenol	16.52	266	213102	20.302	ng/ul	97
70) Phenanthrene	16.90	178	1876298	21.777	ng/ul	99
72) Anthracene	16.99	178	1928562	22.264	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.88	216	480671	24.886	ng/uL	98
74) Pentachlorobenzene	14.43	250	515404	24.229	ng/uL	95
75) Carbazole	17.27	167	1646635	22.129	ng/ul	99
76) Di-n-butylphthalate	17.84	149	2212581	24.793	ng/ul	99
77) Fluoranthene	18.93	202	2084233	22.194	ng/ul	100
80) Pyrene	19.29	202	2144875	22.775	ng/ul	100
81) Butylbenzylphthalate	20.22	149	973069	26.226	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.00	252	731088	22.829	ng/ul	99
83) Benzo(a)anthracene	21.06	228	2099102	22.838	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	1518287	27.460	ng/ul	100
85) Chrysene	21.11	228	1976634	21.941	ng/ul	99
87) Di-n-octyl phthalate	21.86	149	2482507	28.498	ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	2173391	22.529	ng/ul	98
89) Benzo(k)fluoranthene	22.62	252	2098682	22.172	ng/ul	99
91) Benzo(a)pyrene	23.11	252	2055514	23.553	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.30	276	2441674	23.300	ng/ul	99
93) Dibenzo(a,h)anthracene	25.31	278	2064960	23.504	ng/ul	98
94) Benzo(g,h,i)perylene	25.94	276	2023408	23.649	ng/ul	99

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

Quantitation Report (Not Reviewed)

Data File : BM024204.D
Acq On : 20 Dec 2019 15:28
Operator : JU
Sample : K4649-07MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5169MS

Quant Time: Dec 21 00:38:23 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

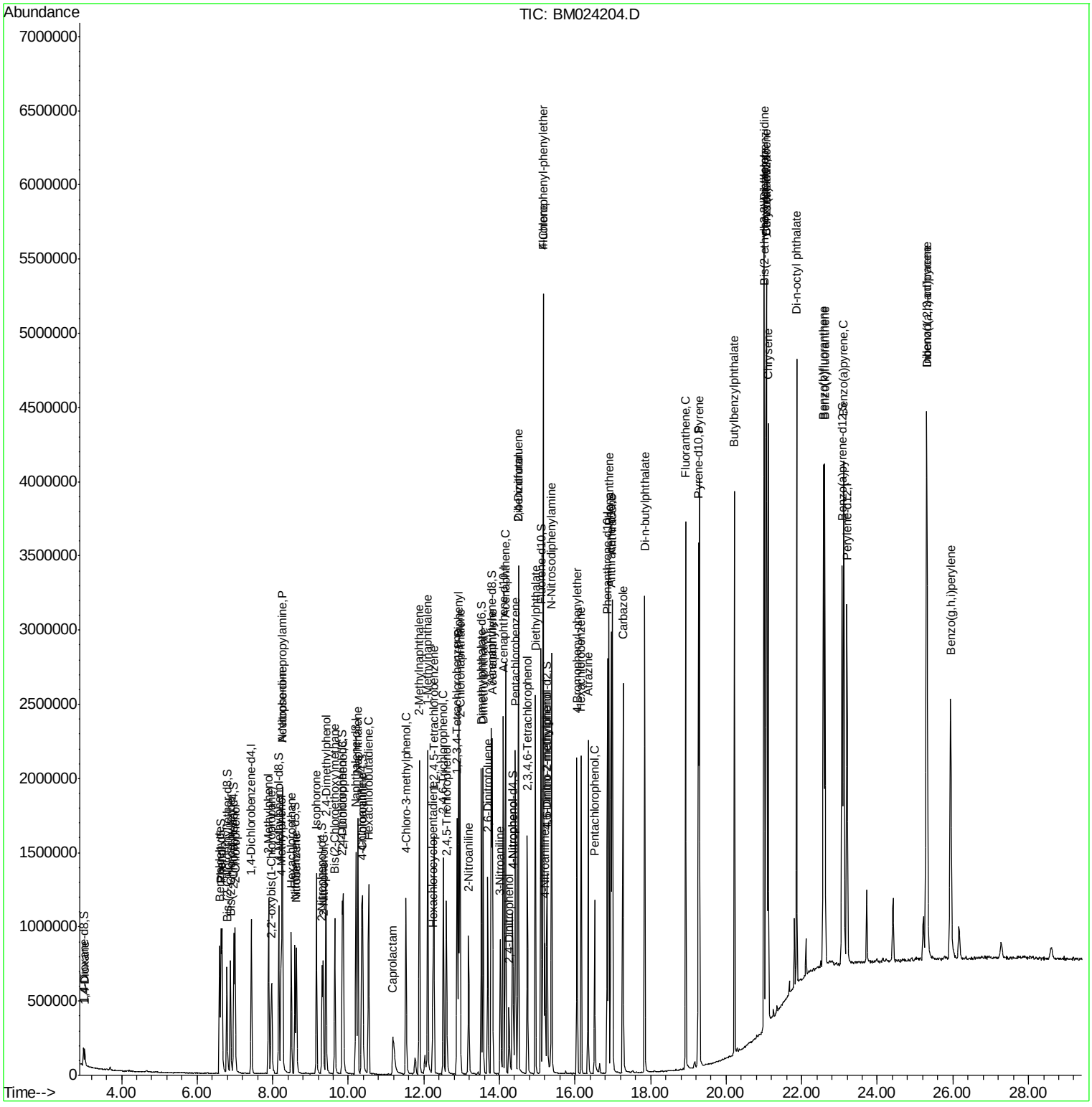
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121919\

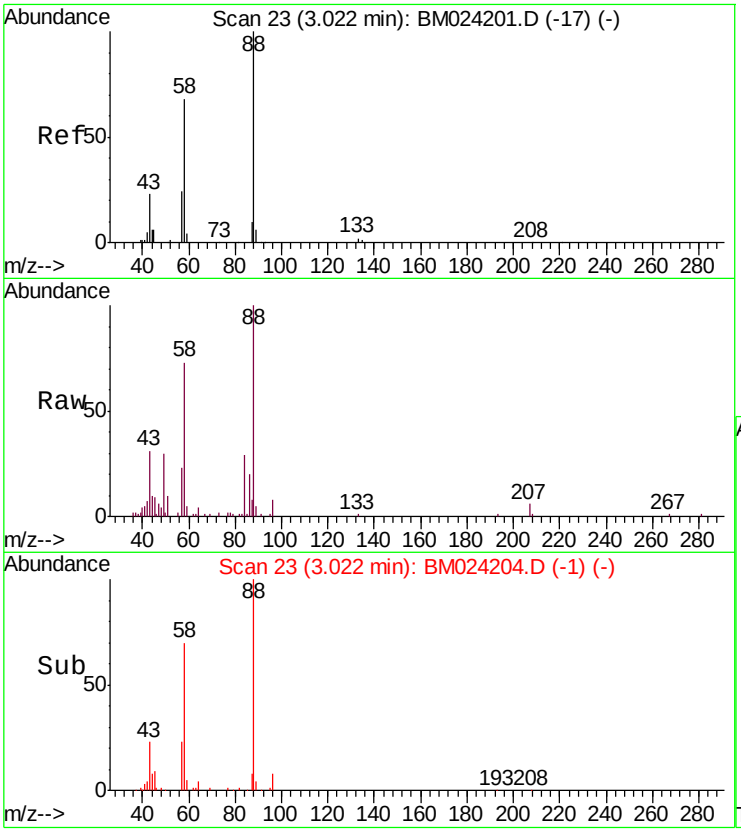
Quantitation Report (Not Reviewed)

Data File : BM024204.D
Acq On : 20 Dec 2019 15:28
Operator : JU
Sample : K4649-07MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5169MS

Quant Time: Dec 21 00:38:23 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



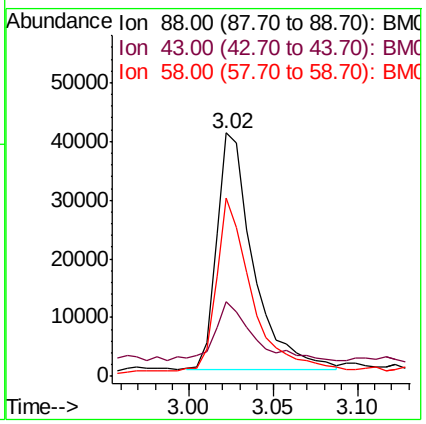


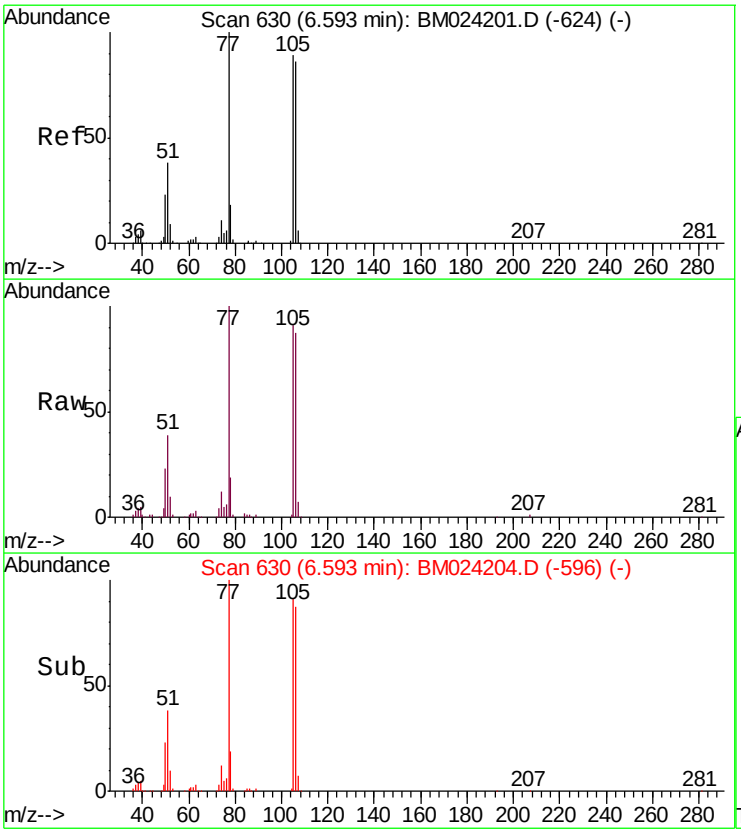
#2
1,4-Dioxane
Concen: 9.153 ng/uL
RT: 3.02 min Scan# 23
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tgt Ion: 88 Resp: 61372

Ion	Ratio	Lower	Upper
88	100		
43	30.6	25.9	38.9
58	73.0	48.8	73.2

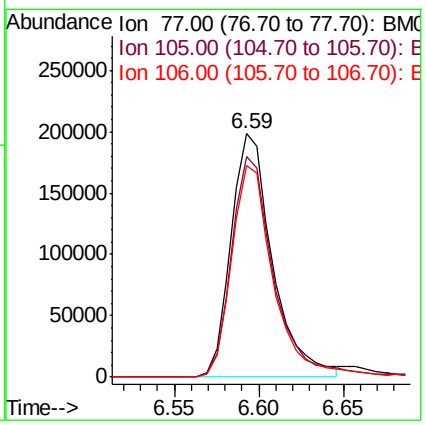


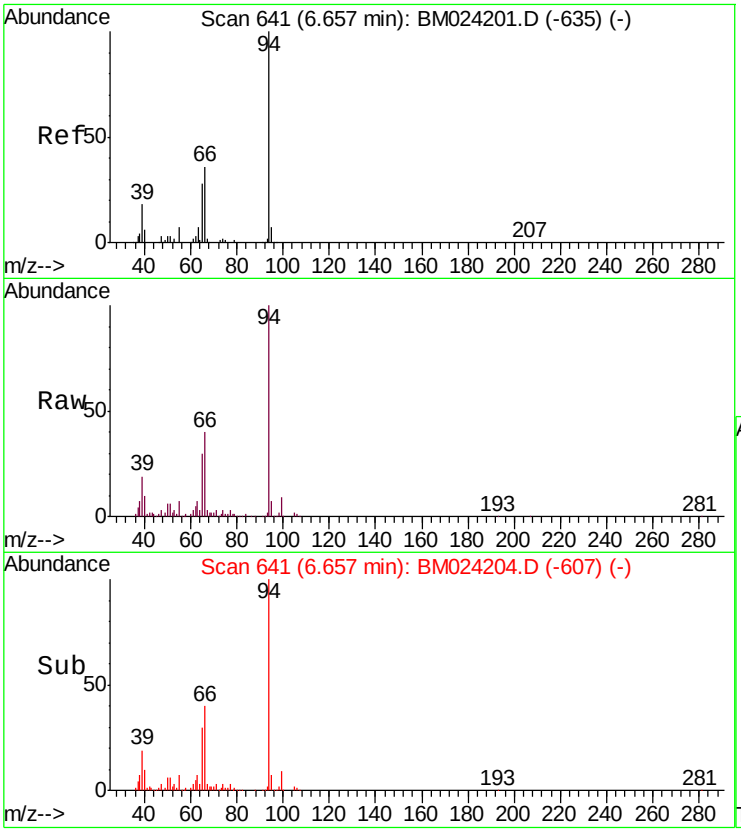


#4
Benzaldehyde
Concen: 20.774 ng/ul
RT: 6.59 min Scan# 630
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion: 77 Resp: 340023

Ion	Ratio	Lower	Upper
77	100		
105	90.6	72.2	108.2
106	87.1	67.3	100.9



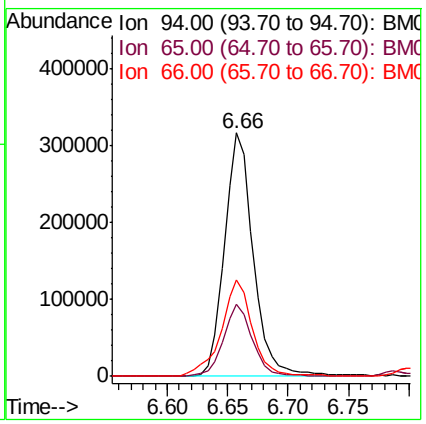


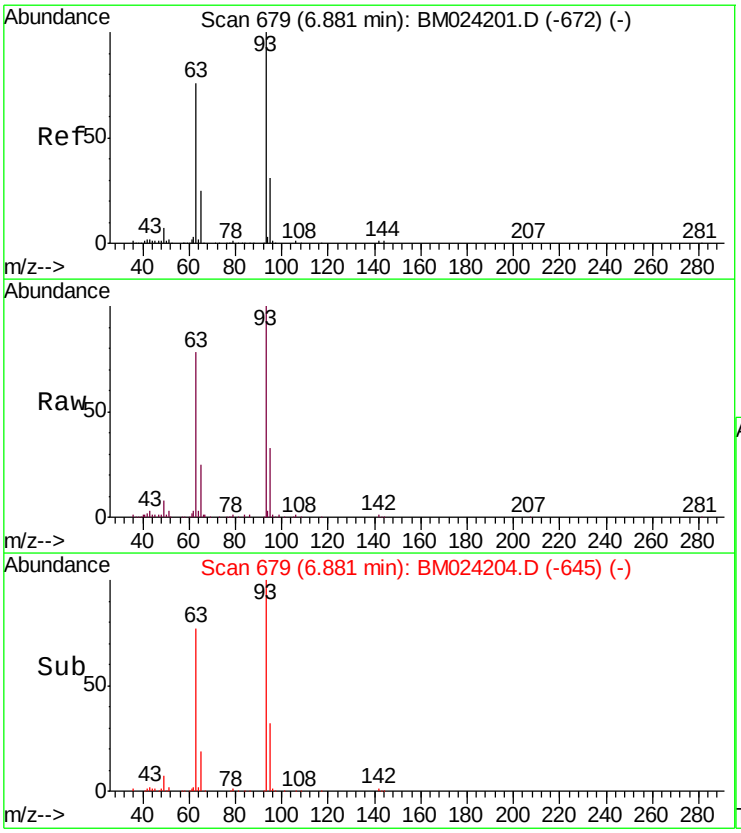
#6
Phenol
Concen: 20.034 ng/ul
RT: 6.66 min Scan# 641
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tgt Ion: 94 Resp: 523787

Ion	Ratio	Lower	Upper
94	100		
65	29.8	22.6	33.8
66	39.5	30.7	46.1

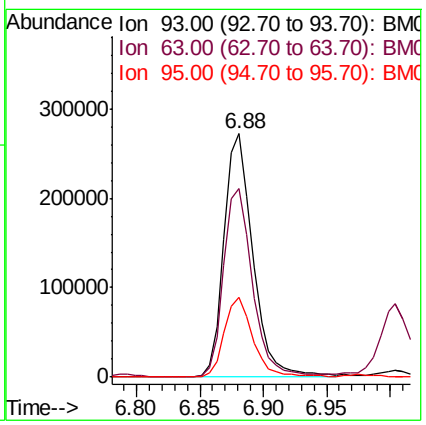


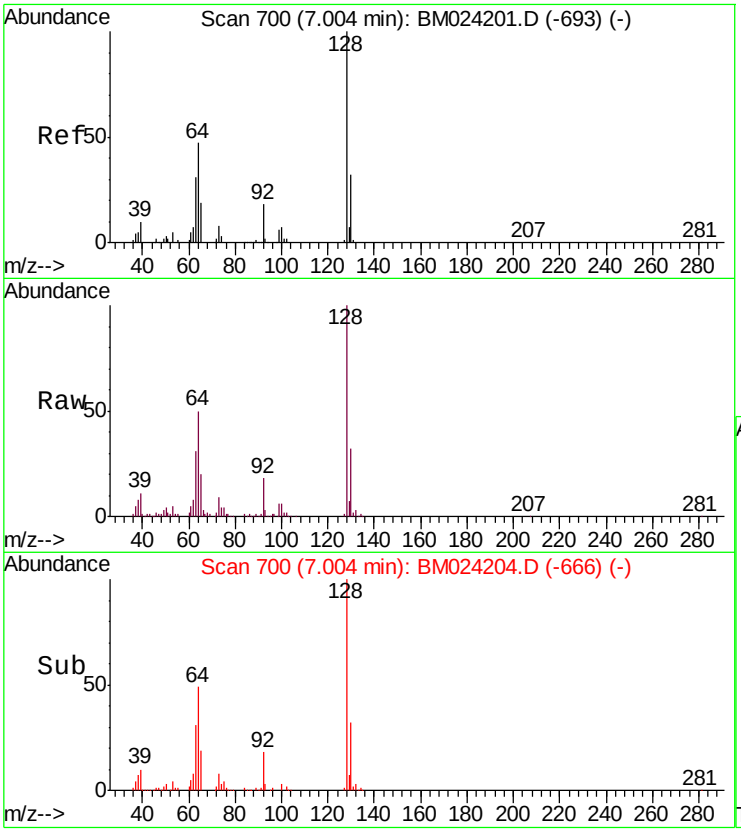


#8
Bis(2-Chloroethyl)ether
Concen: 21.265 ng/ul
RT: 6.88 min Scan# 679
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion: 93 Resp: 430807

Ion	Ratio	Lower	Upper
93	100		
63	77.7	59.8	89.6
95	32.9	25.4	38.2



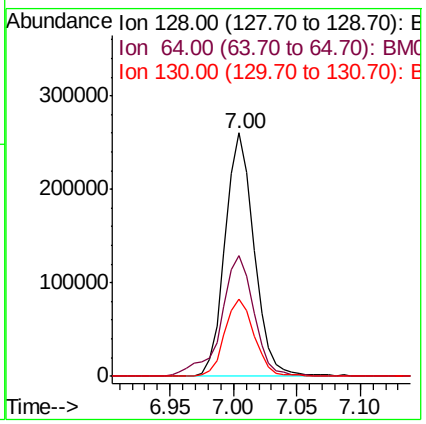


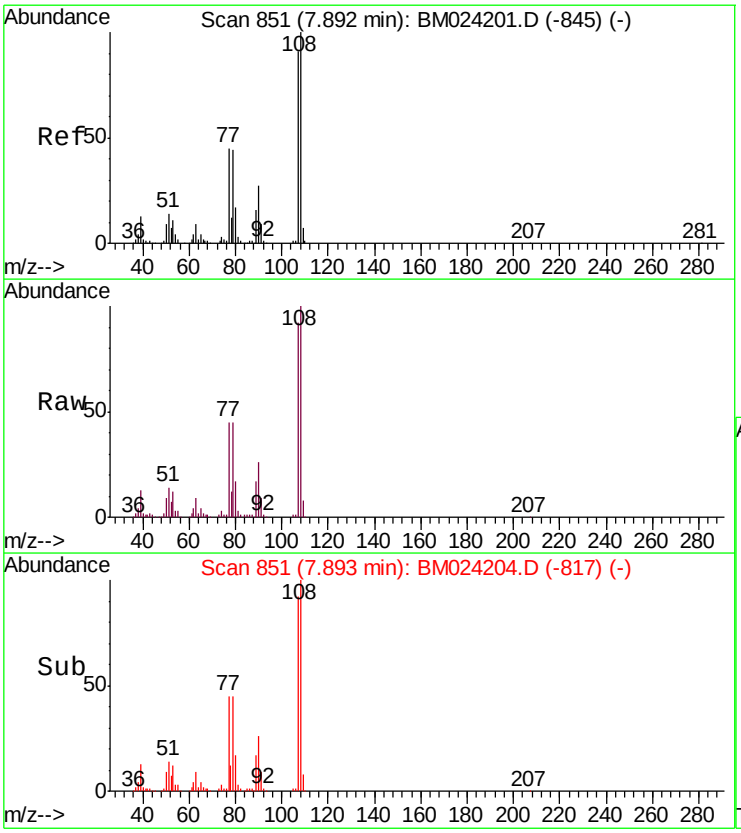
#10
2-Chlorophenol
Concen: 22.338 ng/ul
RT: 7.00 min Scan# 700
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tgt Ion:128 Resp: 413703

Ion	Ratio	Lower	Upper
128	100		
64	49.6	40.6	61.0
130	32.0	25.1	37.7

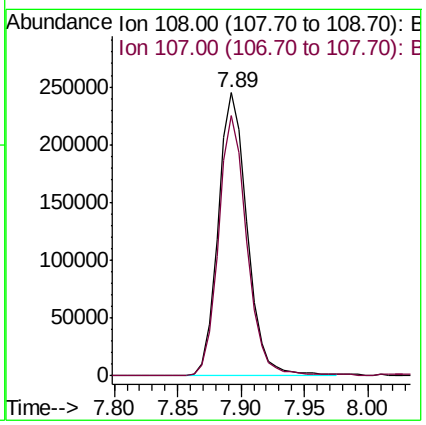


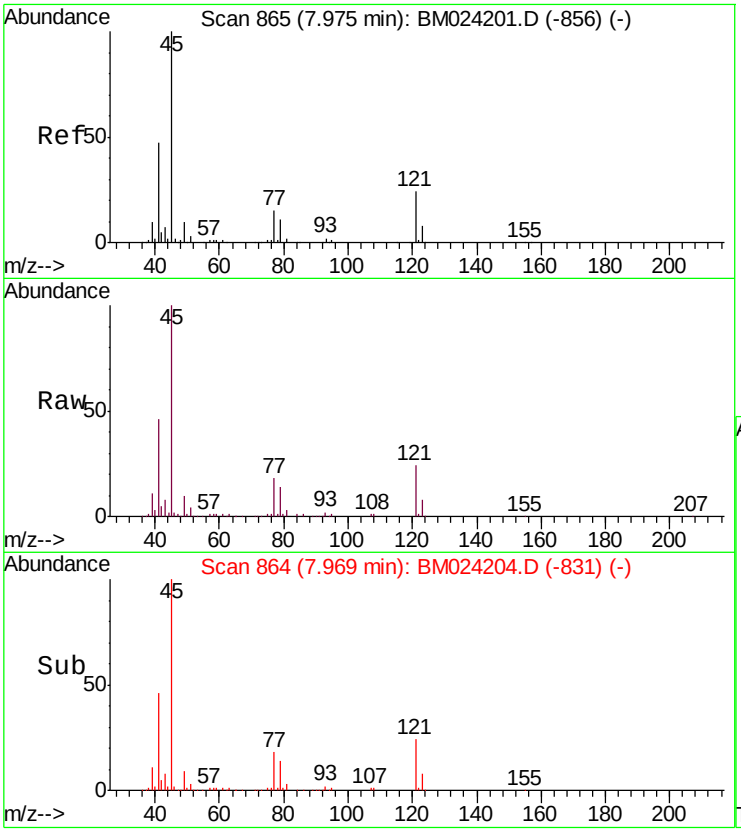


#11
2-Methylphenol
Concen: 20.037 ng/ul
RT: 7.89 min Scan# 851
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion:108 Resp: 389502

Ion	Ratio	Lower	Upper
108	100		
107	92.1	72.7	109.1



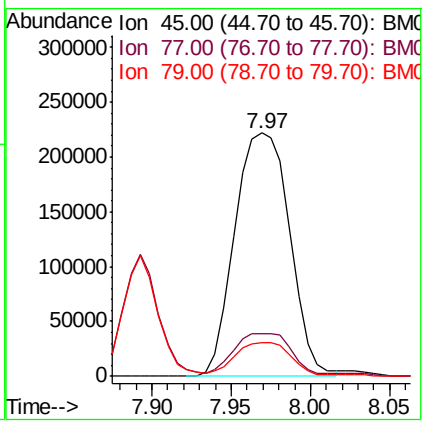


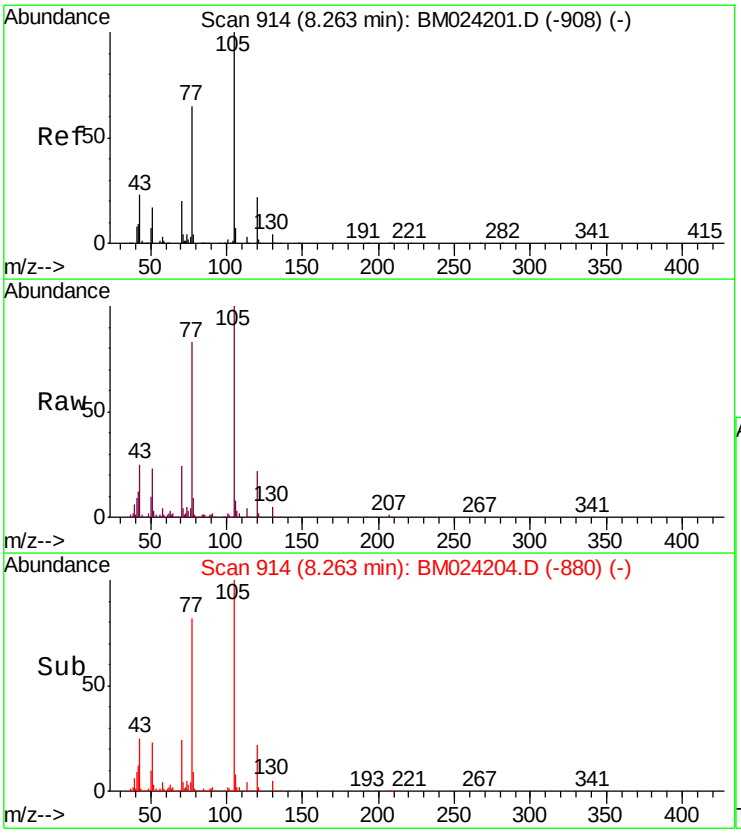
#12
2,2'-oxybis(1-Chloropropane)
Concen: 22.909 ng/ul
RT: 7.97 min Scan# 864
Delta R.T. -0.01 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tgt Ion: 45 Resp: 534512

Ion	Ratio	Lower	Upper
45	100		
77	17.7	14.6	21.8
79	13.8	11.8	17.8

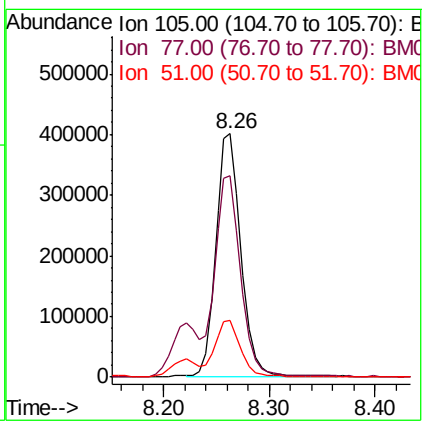


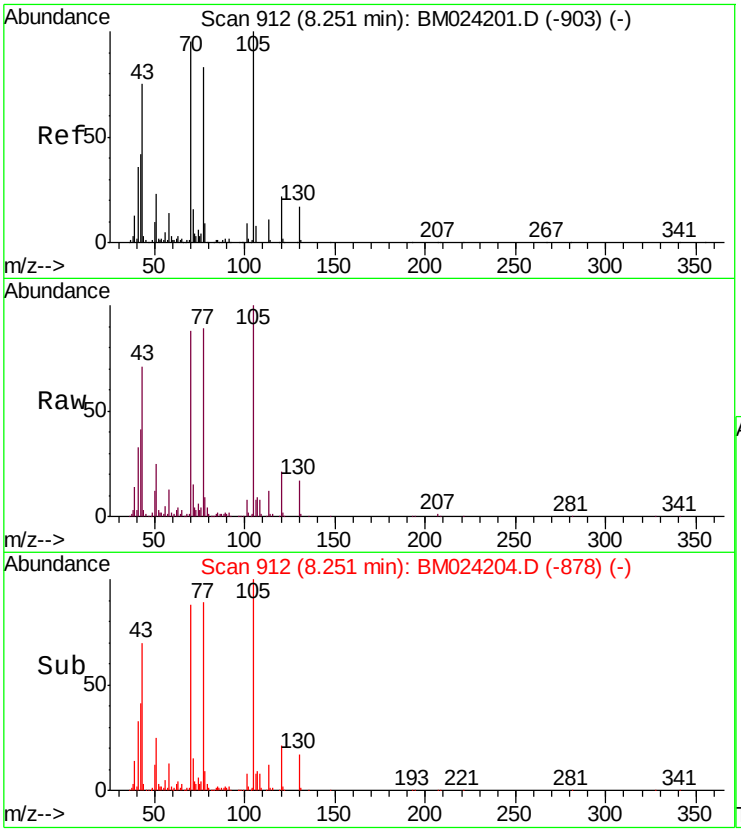


#14
Acetophenone
Concen: 21.184 ng/ul
RT: 8.26 min Scan# 914
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion:105 Resp: 661182

Ion	Ratio	Lower	Upper
105	100		
77	82.6	65.6	98.4
51	23.5	18.3	27.5



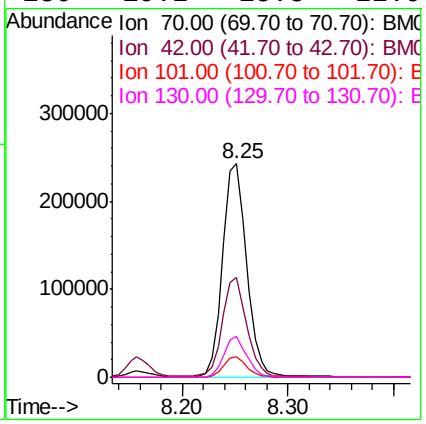


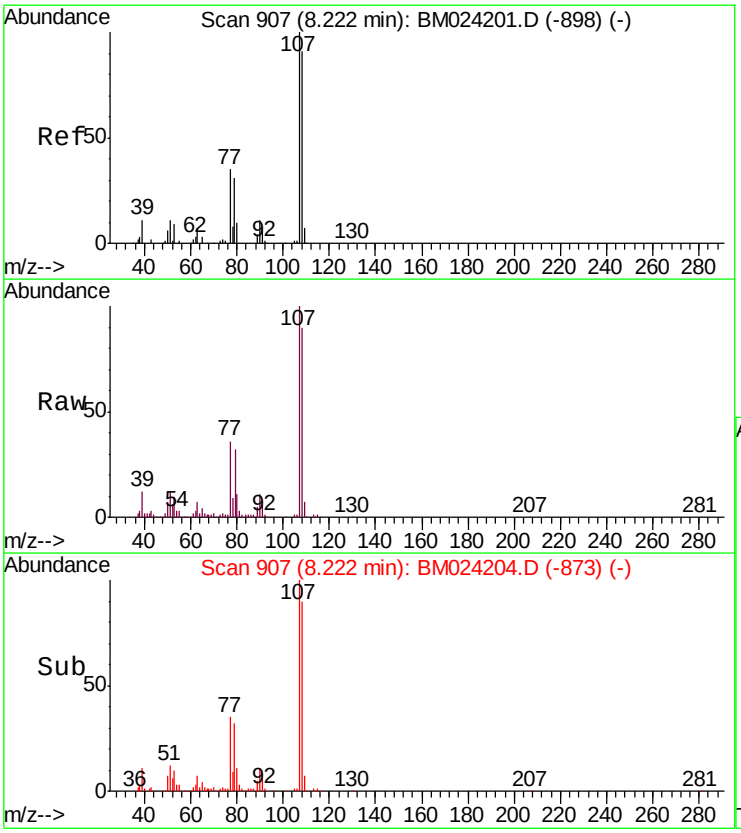
#15
N-Nitroso-di-n-propylamine
Concen: 22.336 ng/ul
RT: 8.25 min Scan# 912
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tgt Ion: 70 Resp: 385142

Ion	Ratio	Lower	Upper
70	100		
42	47.0	36.2	54.4
101	9.4	7.7	11.5
130	19.2	15.3	22.9

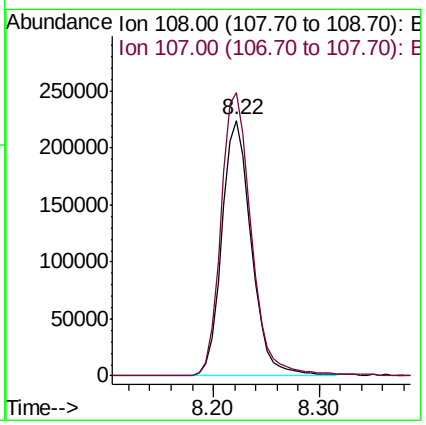


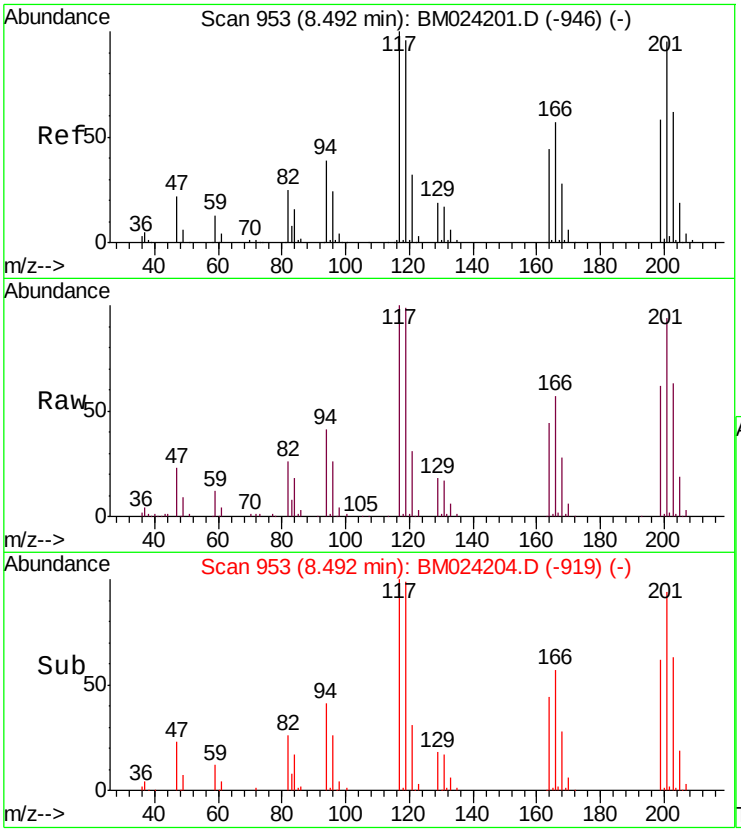


#16
4-Methylphenol
Concen: 20.134 ng/ul
RT: 8.22 min Scan# 907
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion:108 Resp: 434515

Ion	Ratio	Lower	Upper
108	100		
107	110.8	89.1	133.7



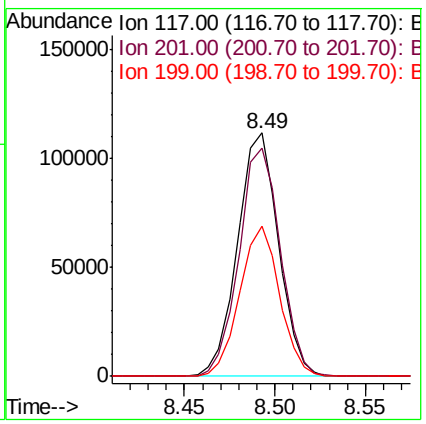


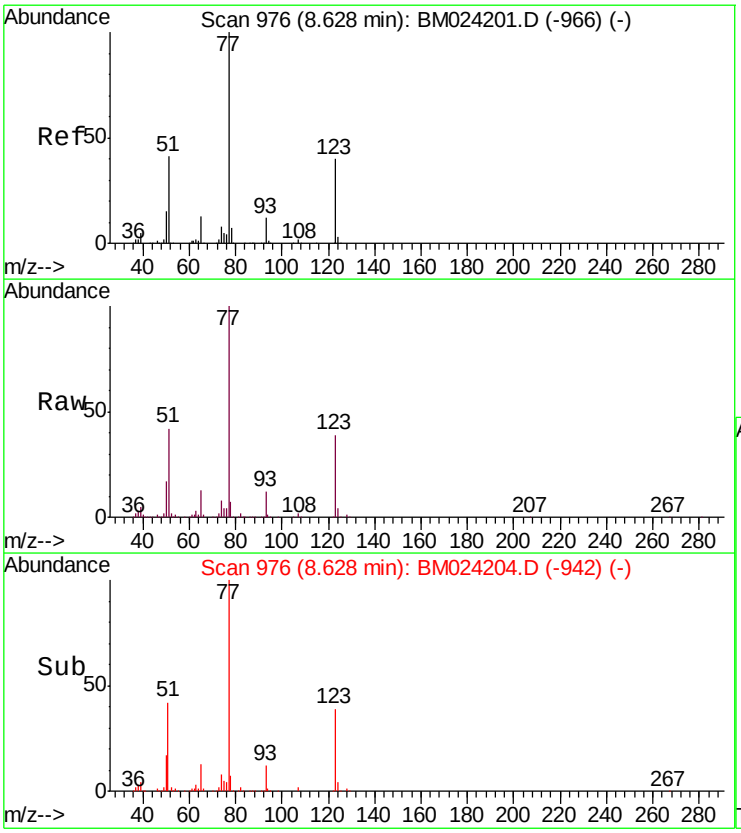
#17
Hexachloroethane
Concen: 23.056 ng/ul
RT: 8.49 min Scan# 953
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tgt Ion:117 Resp: 176244

Ion	Ratio	Lower	Upper
117	100		
201	93.5	74.8	112.2
199	61.8	49.0	73.6

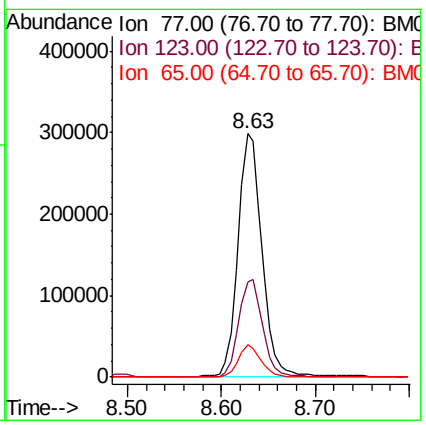


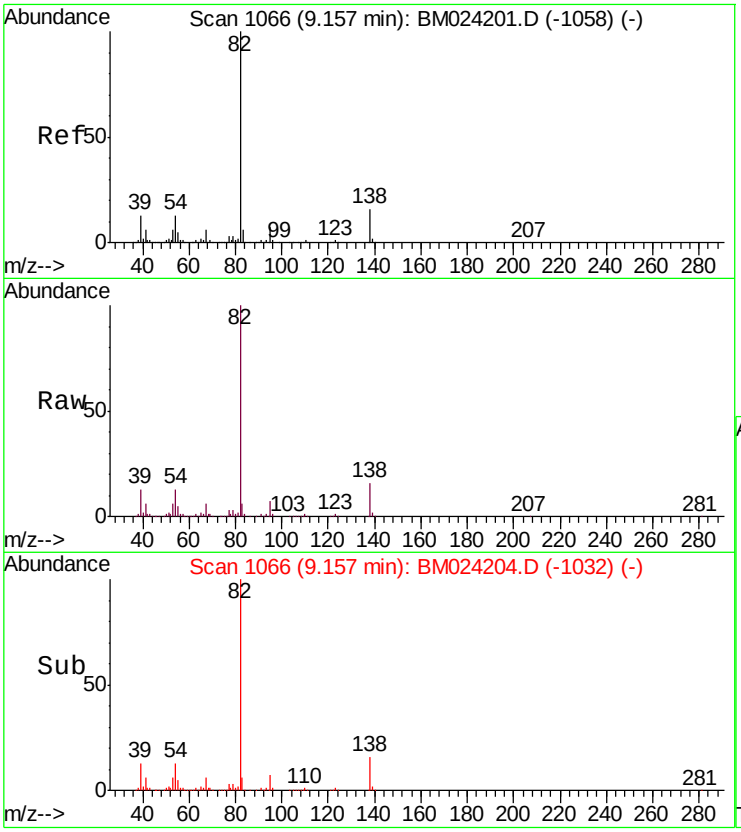


#20
Nitrobenzene
Concen: 22.159 ng/ul
RT: 8.63 min Scan# 976
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion: 77 Resp: 524948

Ion	Ratio	Lower	Upper
77	100		
123	39.1	32.6	49.0
65	13.1	9.9	14.9



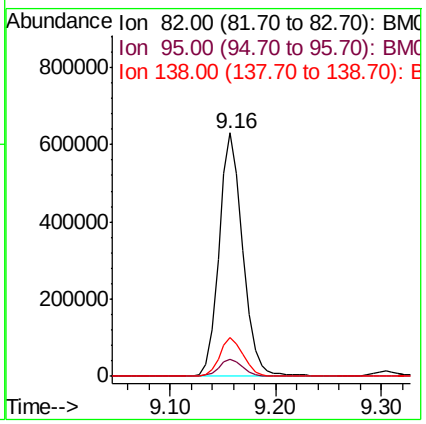


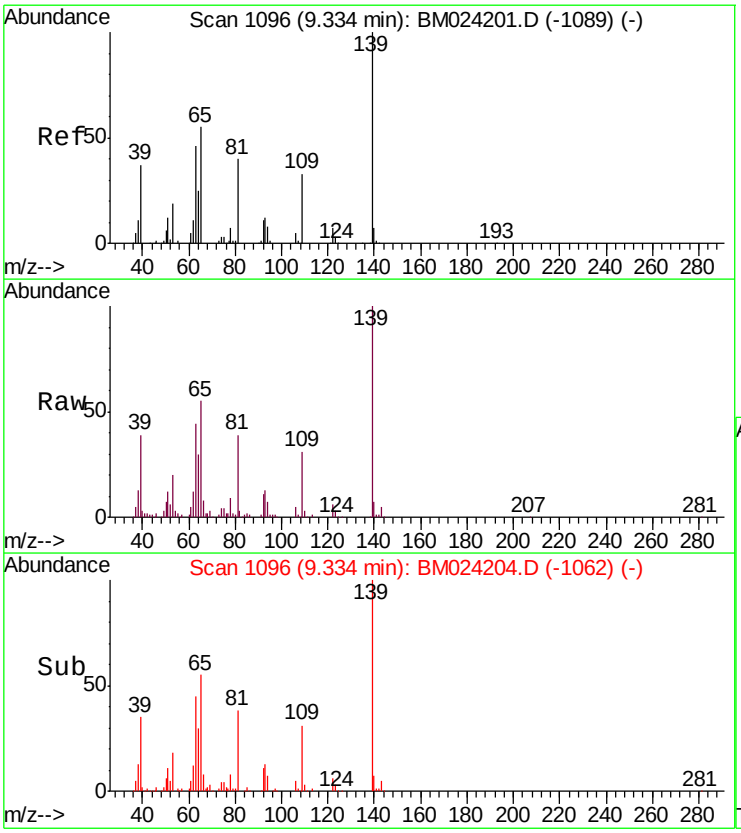
#21
Isophorone
Concen: 22.154 ng/ul
RT: 9.16 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tgt Ion: 82 Resp: 980977

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.8	8.6
138	15.8	13.0	19.4

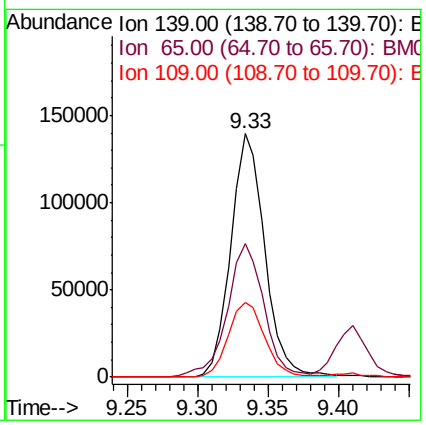


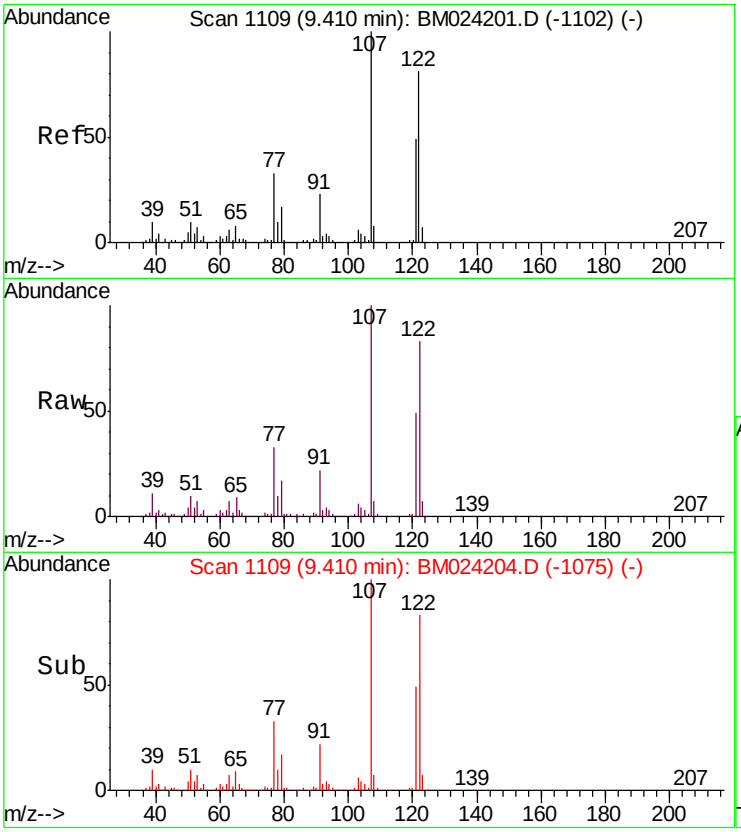


#23
2-Nitrophenol
Concen: 22.756 ng/ul
RT: 9.33 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion:139 Resp: 234763

Ion	Ratio	Lower	Upper
139	100		
65	54.9	40.2	60.2
109	30.6	24.6	37.0



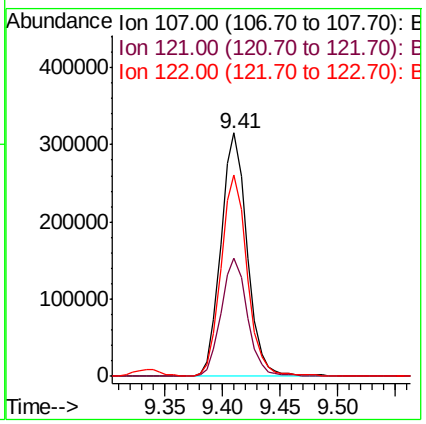


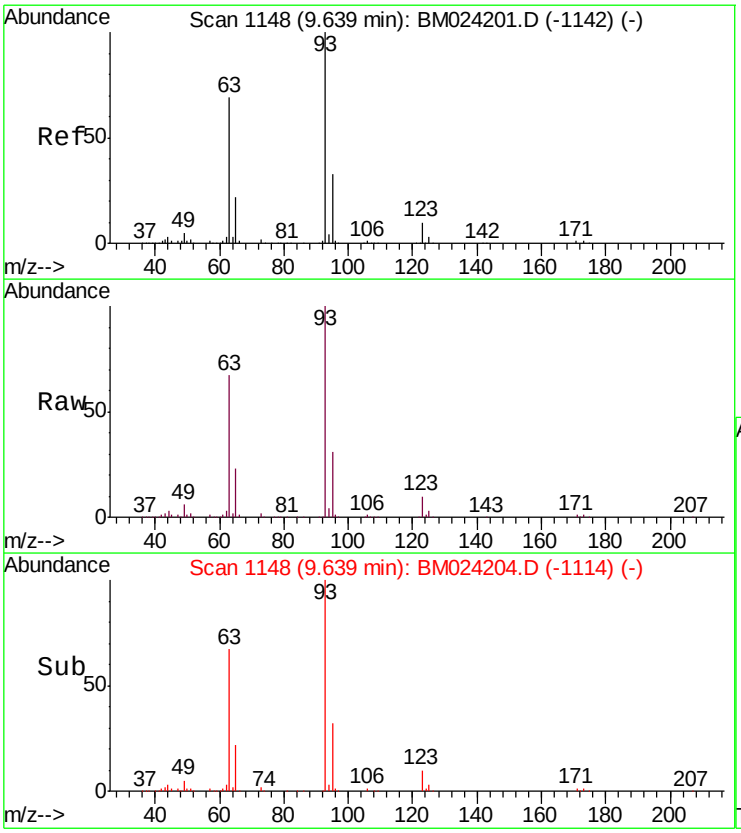
#24
2,4-Dimethylphenol
Concen: 22.366 ng/ul
RT: 9.41 min Scan# 1109
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tgt Ion:107 Resp: 497736

Ion	Ratio	Lower	Upper
107	100		
121	48.7	38.6	57.8
122	82.9	65.1	97.7

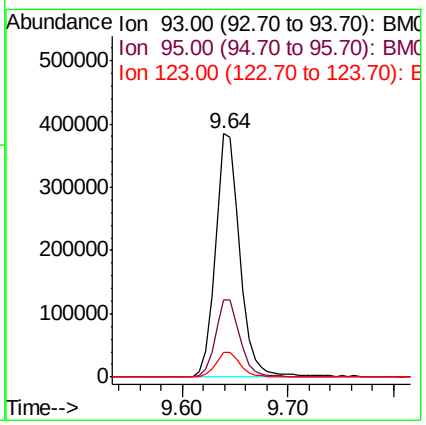


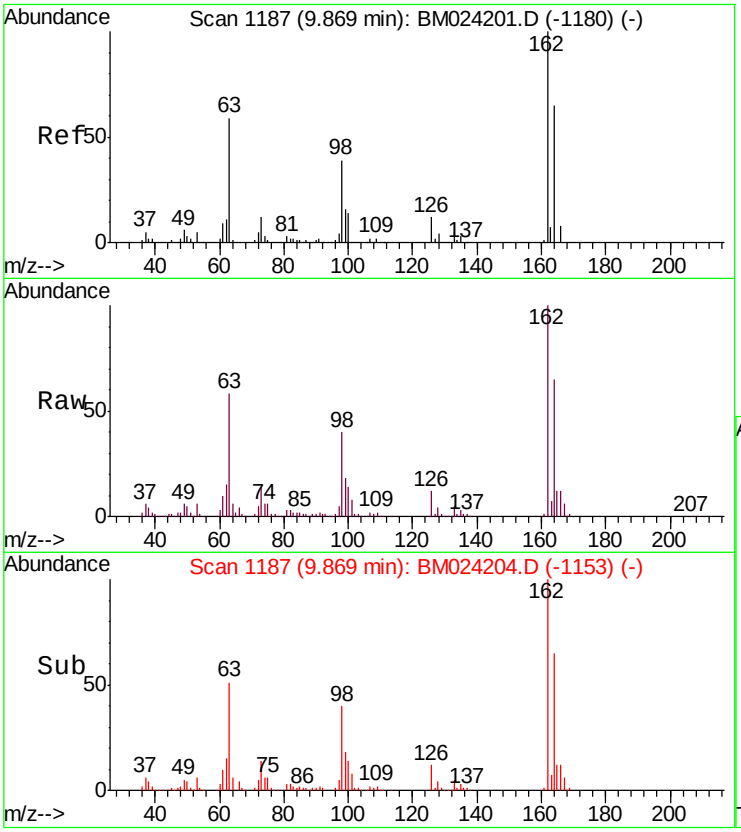


#25
Bis(2-Chloroethoxy)methane
Concen: 22.611 ng/ul
RT: 9.64 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion: 93 Resp: 621982

Ion	Ratio	Lower	Upper
93	100		
95	31.5	26.2	39.2
123	10.1	8.5	12.7



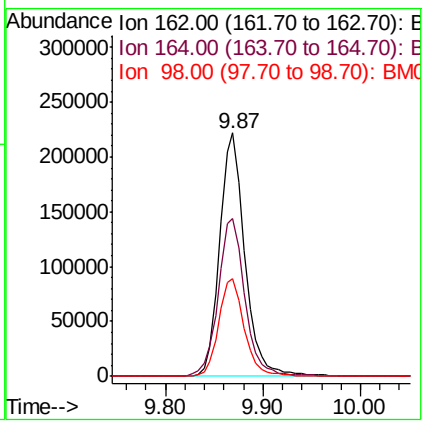


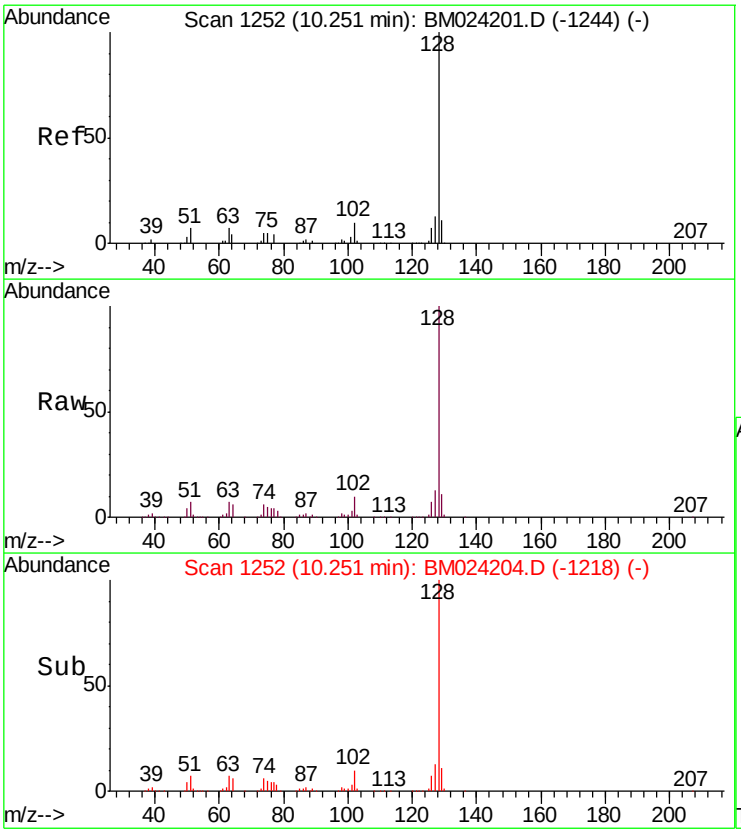
#27
2,4-Dichlorophenol
Concen: 22.271 ng/ul
RT: 9.87 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tgt Ion:162 Resp: 397067

Ion	Ratio	Lower	Upper
162	100		
164	65.1	51.8	77.6
98	40.4	31.7	47.5

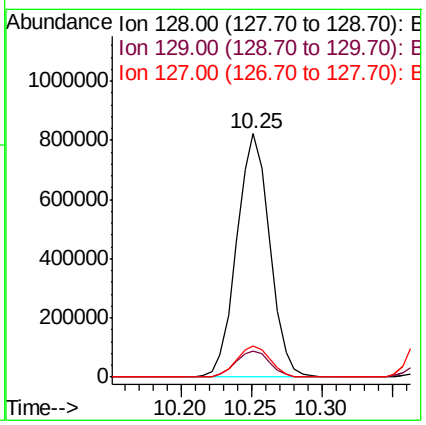


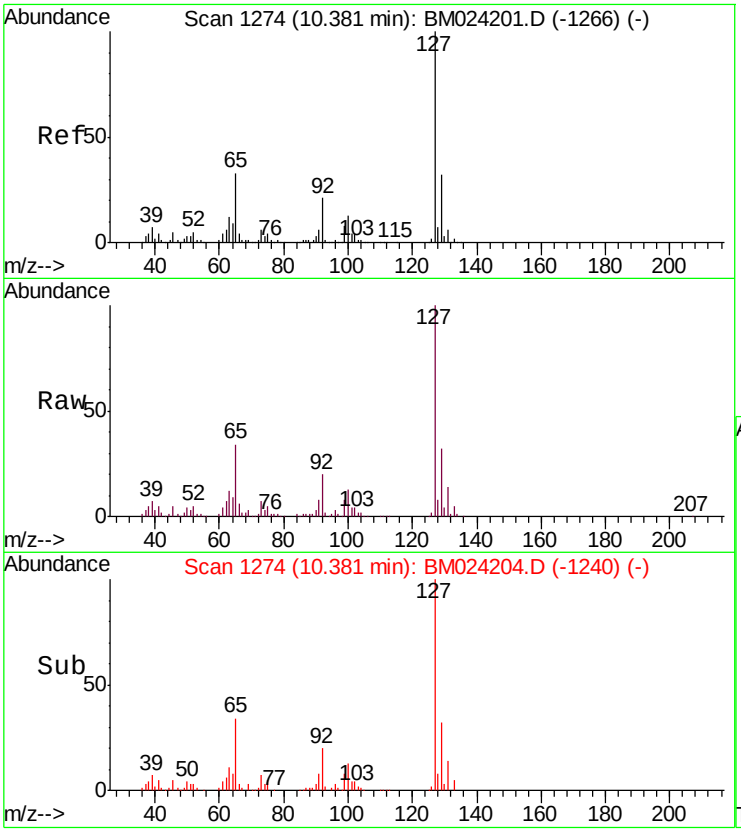


#28
Naphthalene
Concen: 21.688 ng/ul
RT: 10.25 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion:128 Resp: 1347942

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	12.6	10.3	15.5



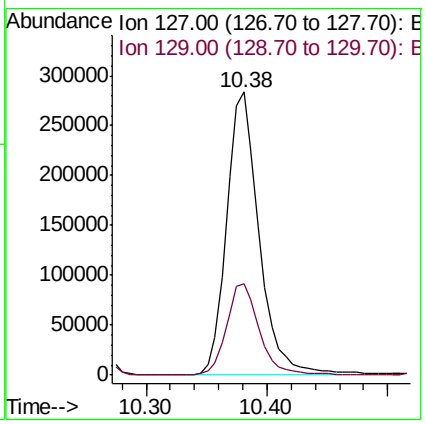


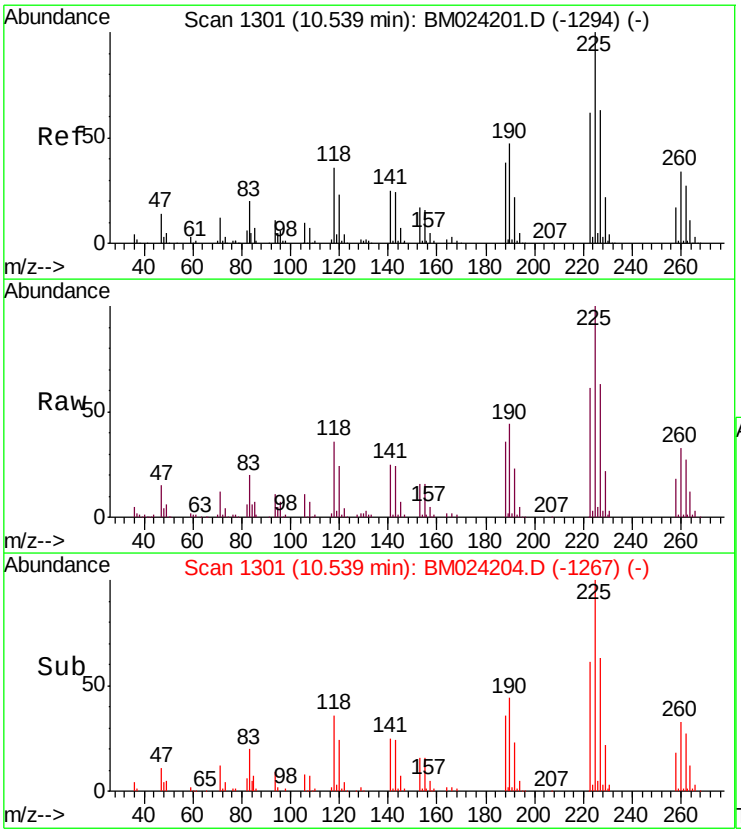
#30
4-Chloroaniline
Concen: 23.740 ng/ul
RT: 10.38 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tgt Ion:127 Resp: 530150

Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9

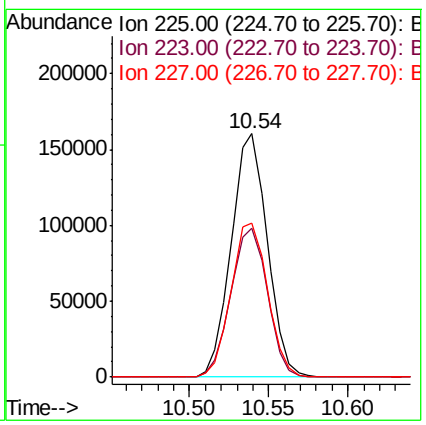


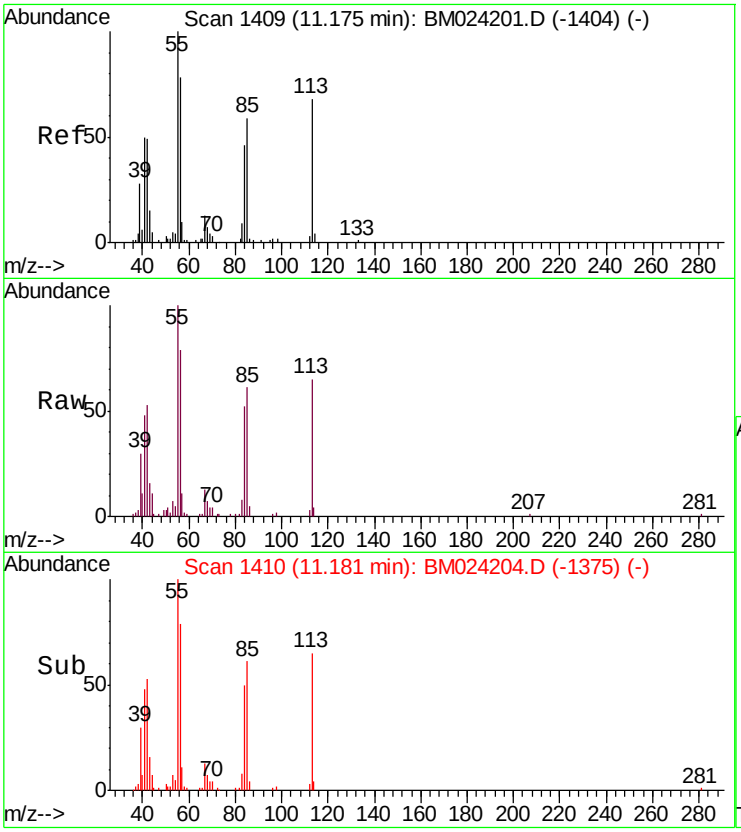


#31
Hexachlorobutadiene
Concen: 22.970 ng/ul
RT: 10.54 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion:225 Resp: 253180

Ion	Ratio	Lower	Upper
225	100		
223	61.1	49.1	73.7
227	63.2	50.8	76.2



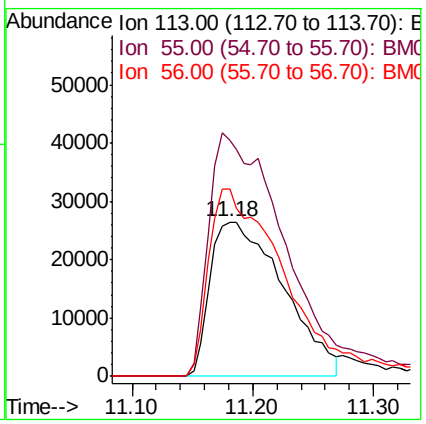


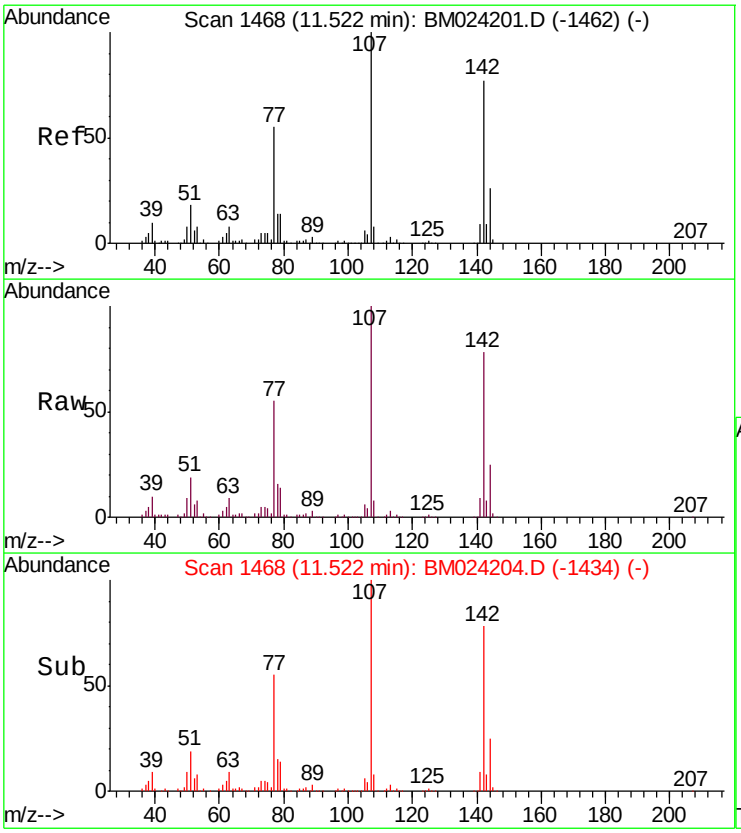
#32
Caprolactam
Concen: 16.497 ng/ul
RT: 11.18 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tgt Ion:113 Resp: 111142

Ion	Ratio	Lower	Upper
113	100		
55	153.5	121.0	181.6
56	121.4	96.8	145.2

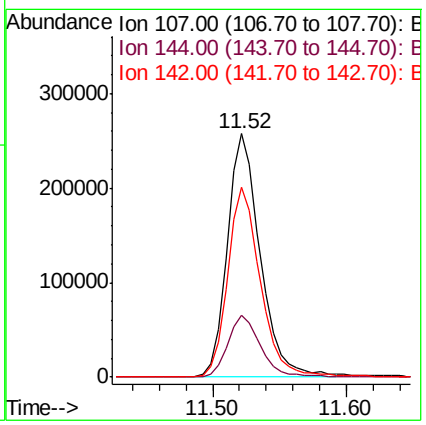


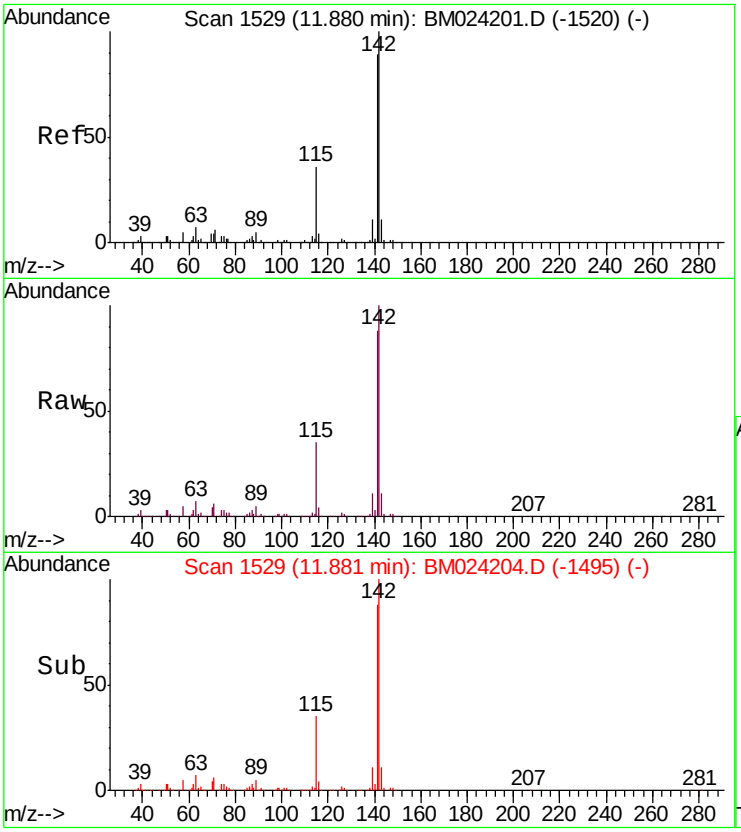


#33
4-Chloro-3-methylphenol
Concen: 20.721 ng/ul
RT: 11.52 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion:107 Resp: 443307

Ion	Ratio	Lower	Upper
107	100		
144	25.2	19.8	29.8
142	78.1	63.3	94.9



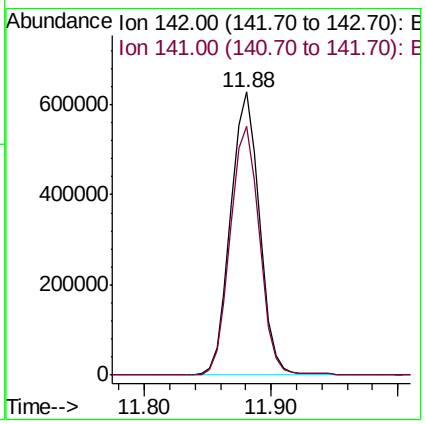


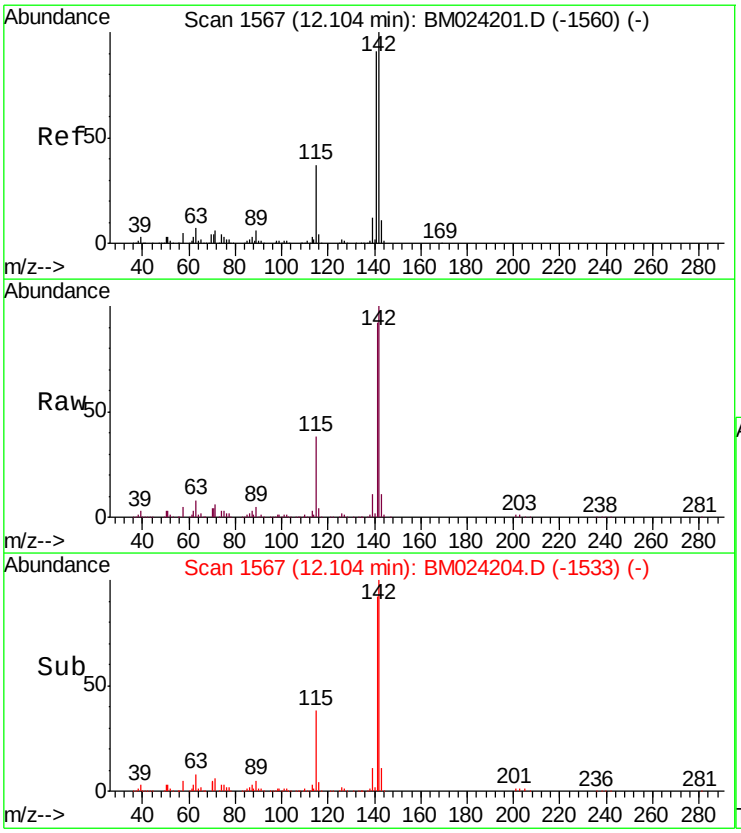
#34
2-Methylnaphthalene
Concen: 22.272 ng/ul
RT: 11.88 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tgt Ion:142 Resp: 989441

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.9	106.3

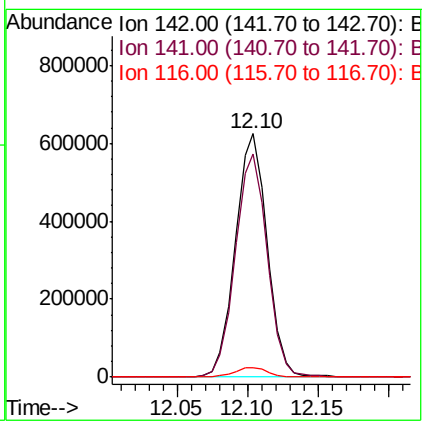


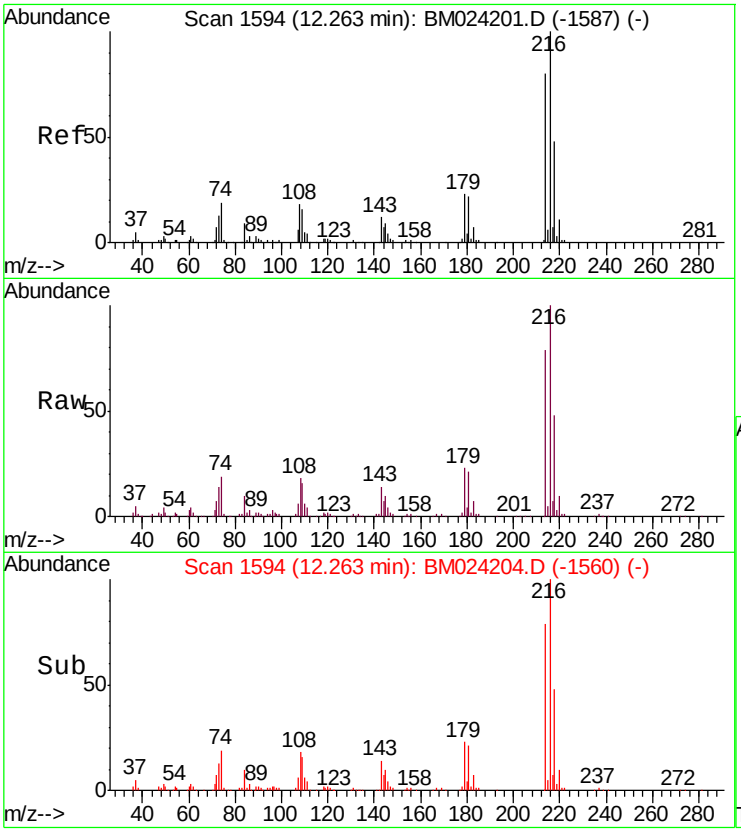


#35
1-Methylnaphthalene
Concen: 21.575 ng/ul
RT: 12.10 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion:142 Resp: 978321

Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.7	109.1
116	3.8	3.0	4.6



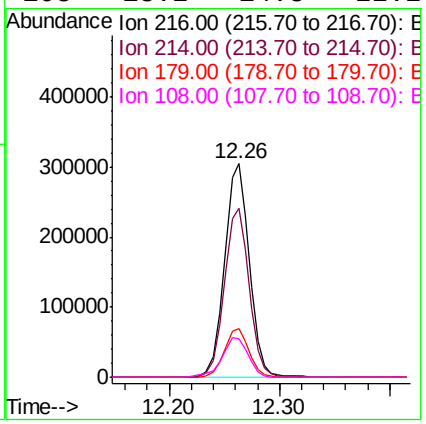


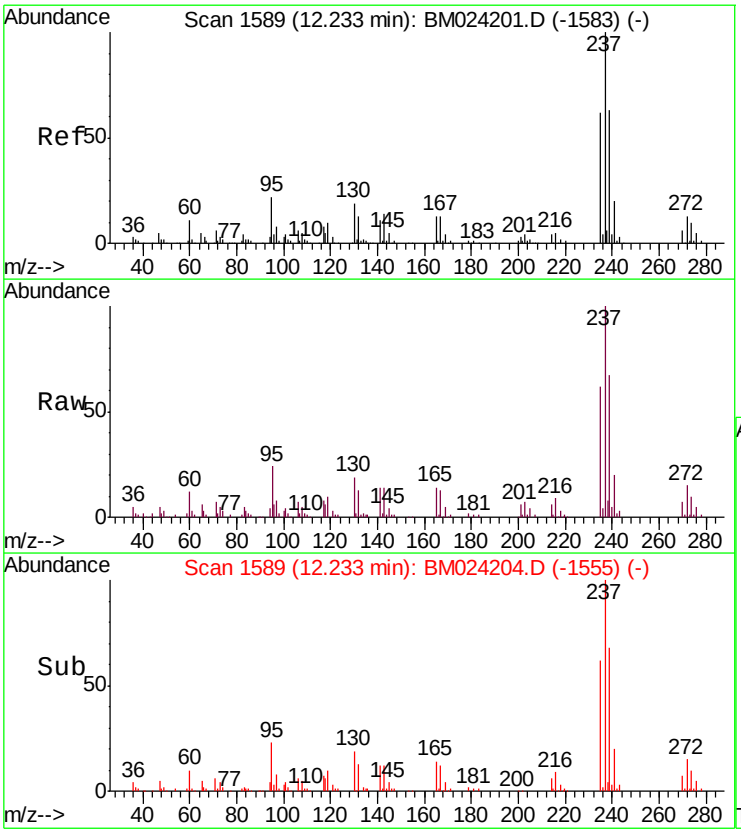
#37
1,2,4,5-Tetrachlorobenzene
Concen: 23.693 ng/ul
RT: 12.26 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tgt Ion:216 Resp: 478371

Ion	Ratio	Lower	Upper
216	100		
214	79.3	62.7	94.1
179	22.9	17.6	26.4
108	18.2	14.8	22.2

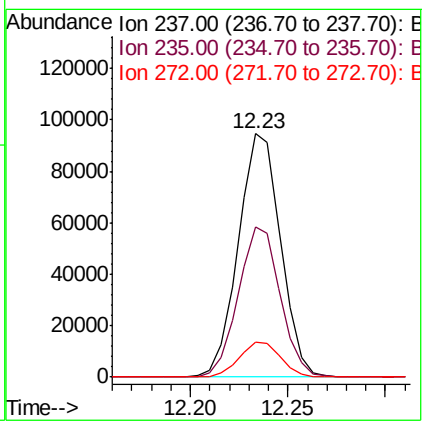


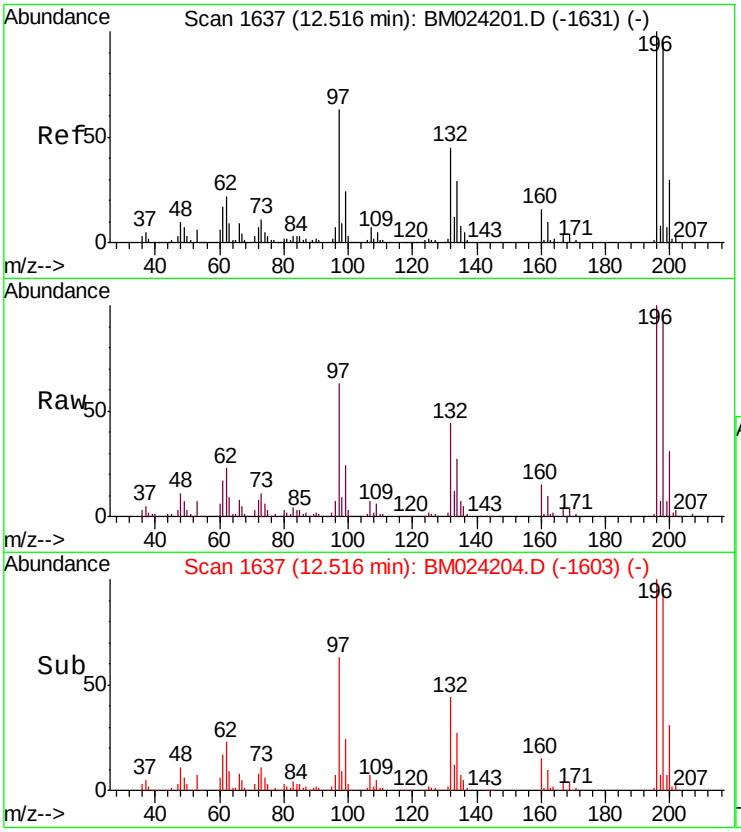


#38
Hexachlorocyclopentadiene
Concen: 15.575 ng/ul
RT: 12.23 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion:237 Resp: 141695

Ion	Ratio	Lower	Upper
237	100		
235	61.8	46.9	70.3
272	14.6	11.0	16.4



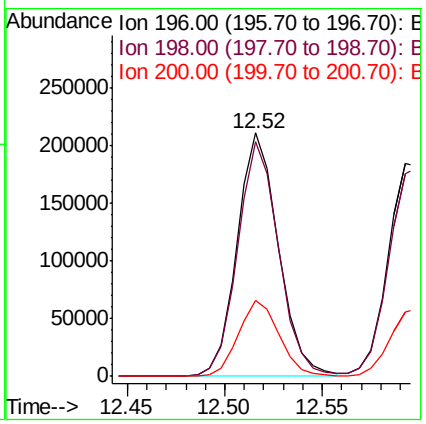


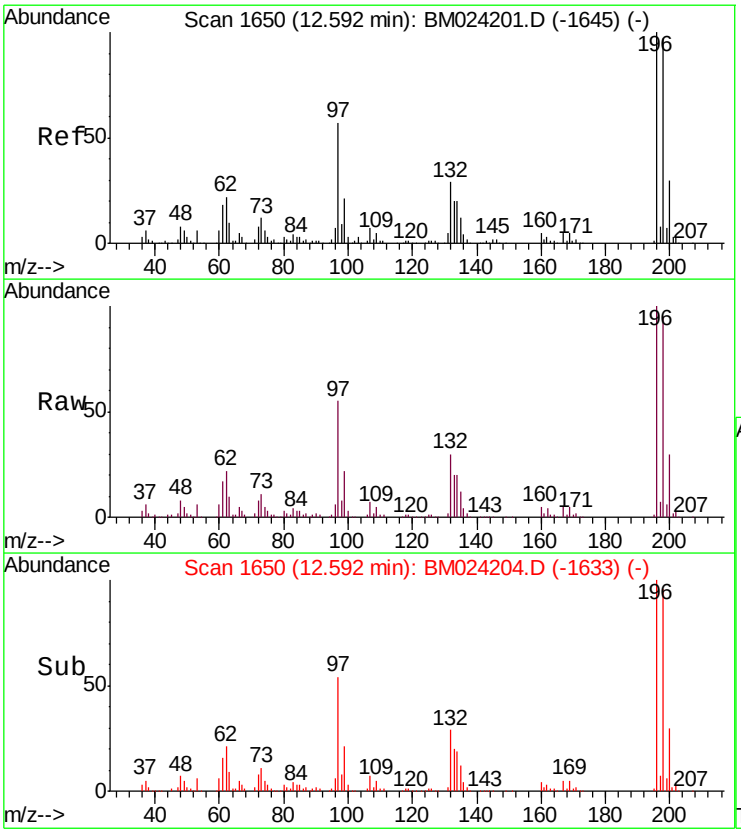
#39
2,4,6-Trichlorophenol
Concen: 23.098 ng/ul
RT: 12.52 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tgt Ion:196 Resp: 308435

Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.9	115.3
200	31.0	23.8	35.6

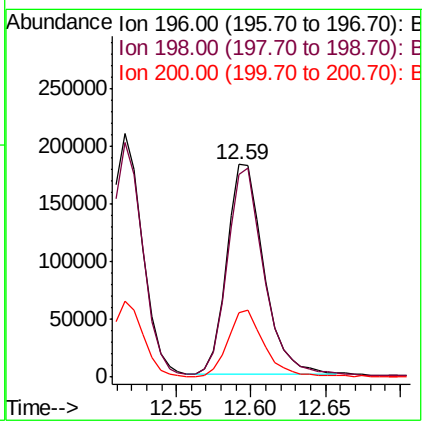


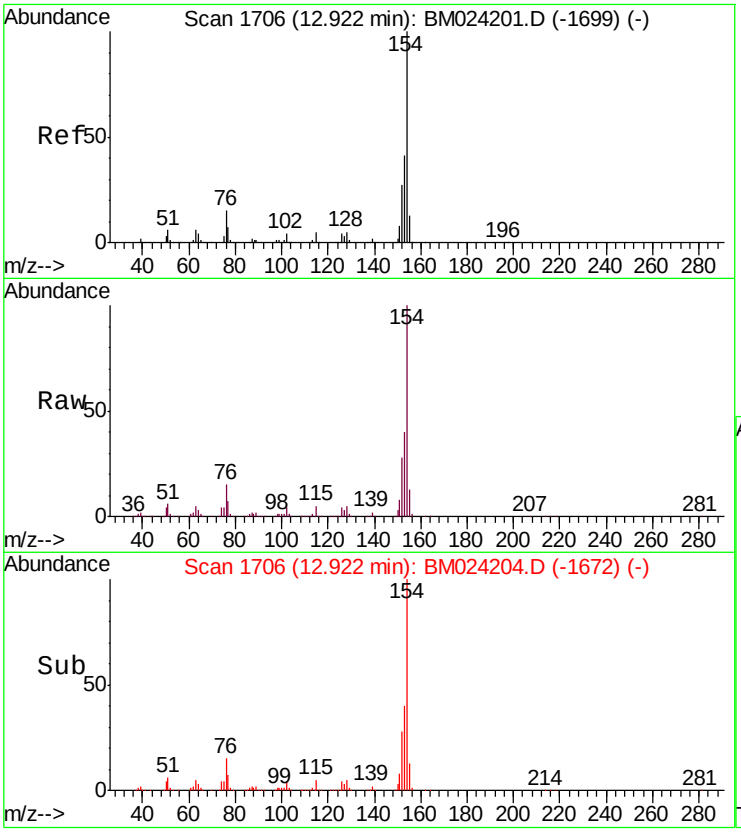


#40
2,4,5-Trichlorophenol
Concen: 21.890 ng/ul
RT: 12.59 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion:196 Resp: 315099

Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.0	112.4
200	30.1	23.6	35.4



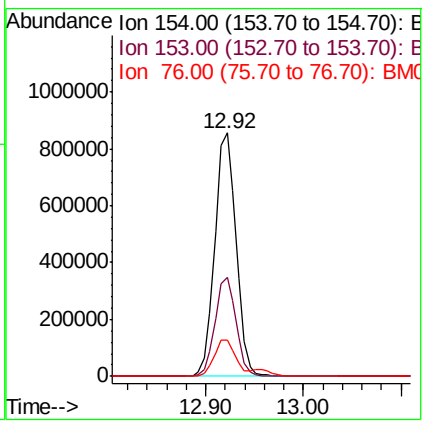


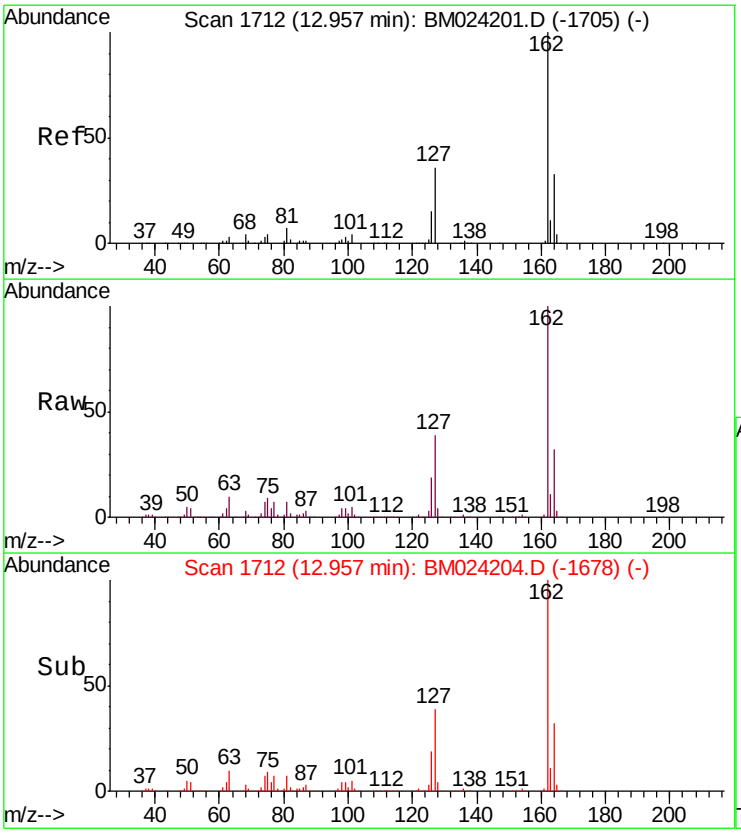
#41
1,1'-Biphenyl
Concen: 23.159 ng/ul
RT: 12.92 min Scan# 1706
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tgt Ion:154 Resp: 1291172

Ion	Ratio	Lower	Upper
154	100		
153	40.5	32.2	48.4
76	15.1	12.2	18.2

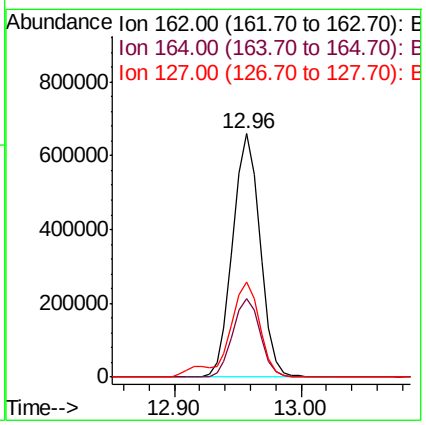


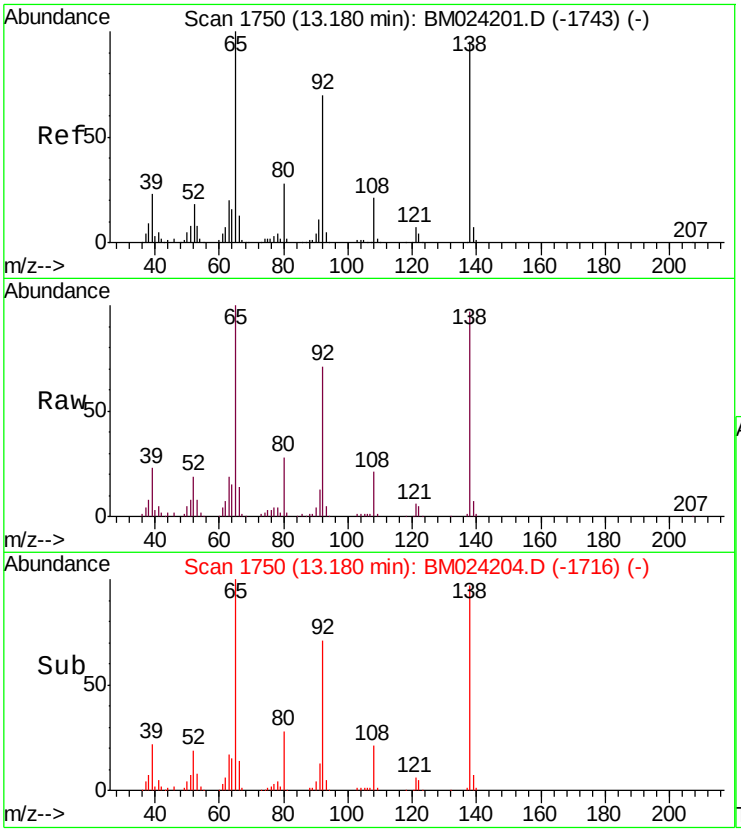


#42
2-Chloronaphthalene
Concen: 22.500 ng/ul
RT: 12.96 min Scan# 1712
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion:162 Resp: 985539

Ion	Ratio	Lower	Upper
162	100		
164	32.2	25.9	38.9
127	39.3	31.4	47.2



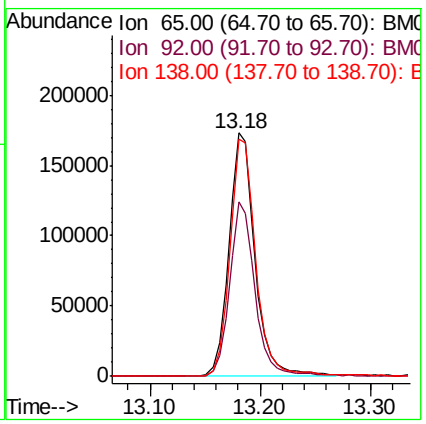


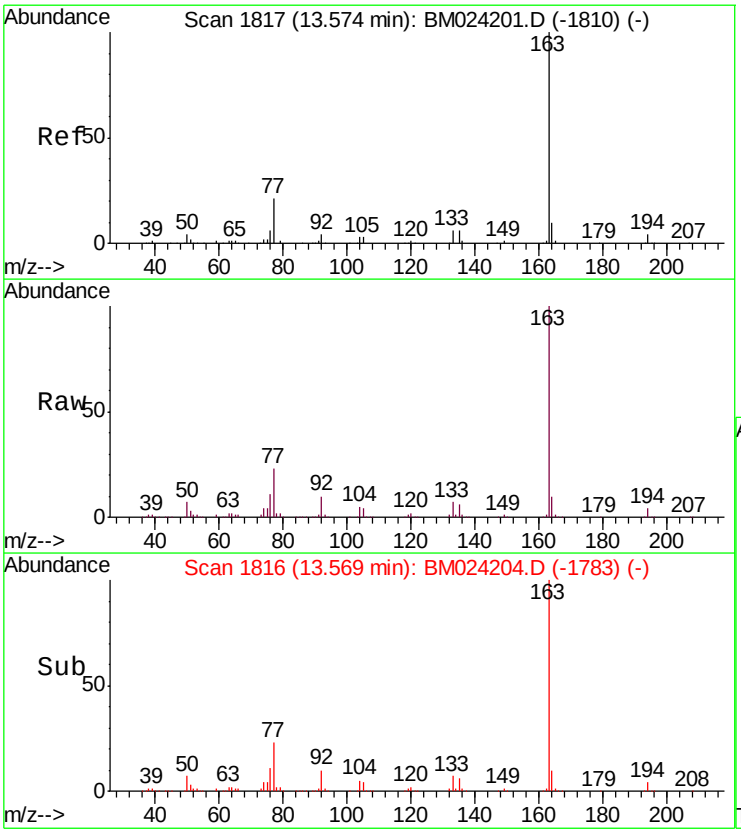
#43
2-Nitroaniline
Concen: 22.281 ng/ul
RT: 13.18 min Scan# 1750
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tgt Ion: 65 Resp: 286149

Ion	Ratio	Lower	Upper
65	100		
92	71.5	56.7	85.1
138	97.4	81.0	121.4

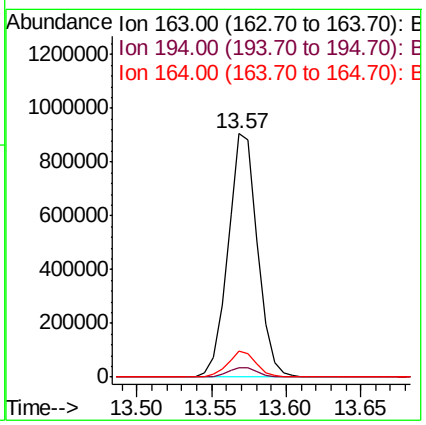


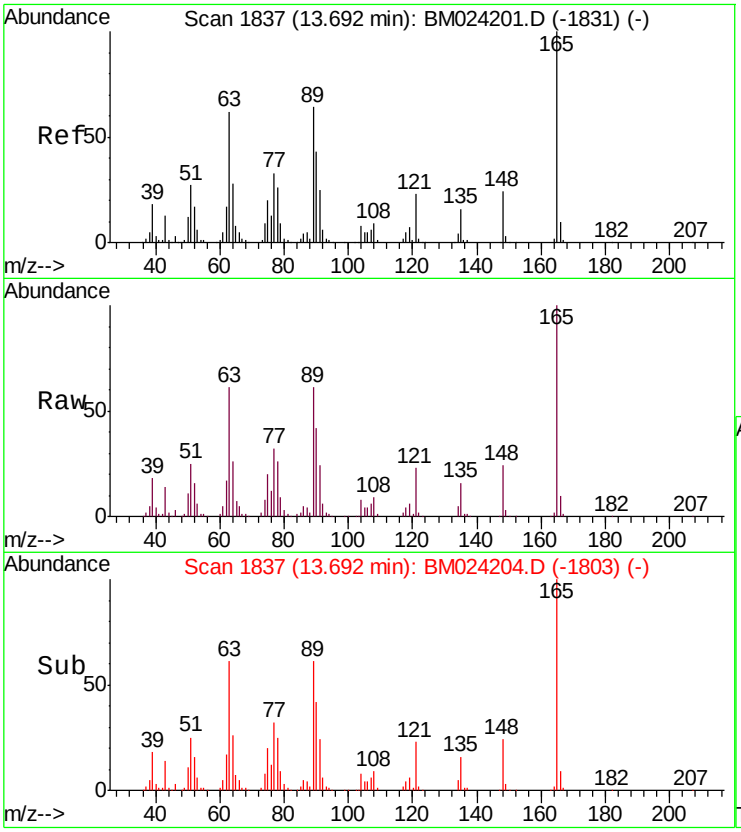


#45
Dimethylphthalate
Concen: 21.728 ng/ul
RT: 13.57 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion:163 Resp: 1247219

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.4	7.8	11.6



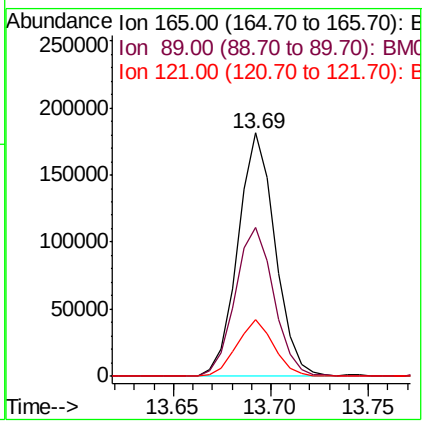


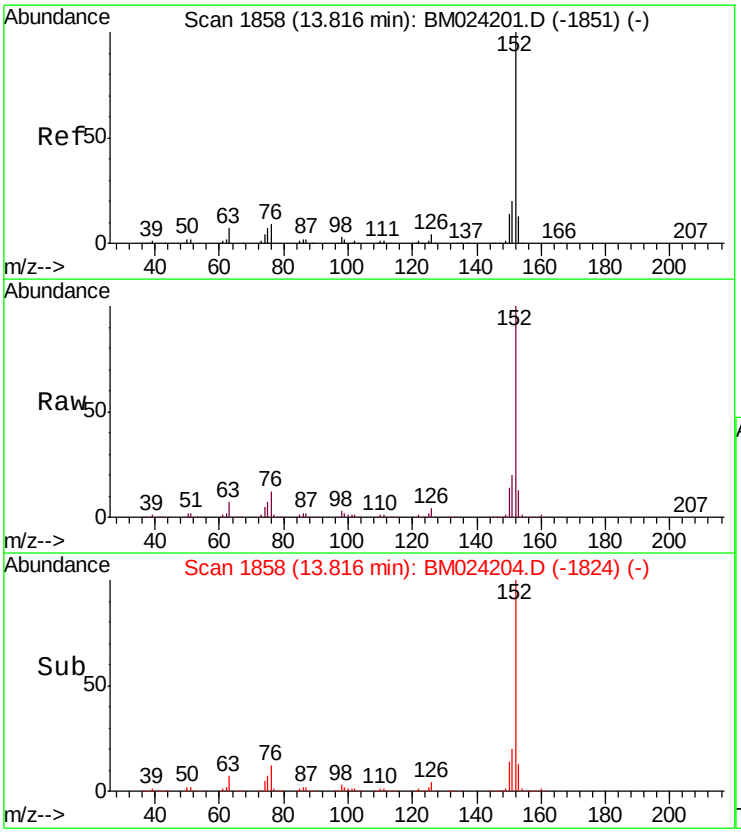
#46
2,6-Dinitrotoluene
Concen: 21.224 ng/ul
RT: 13.69 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tgt Ion:165 Resp: 239980

Ion	Ratio	Lower	Upper
165	100		
89	61.0	47.0	70.4
121	23.1	17.1	25.7

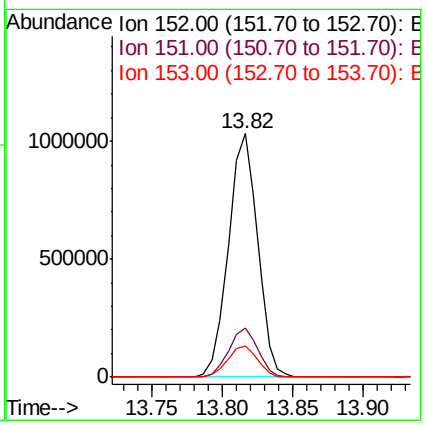


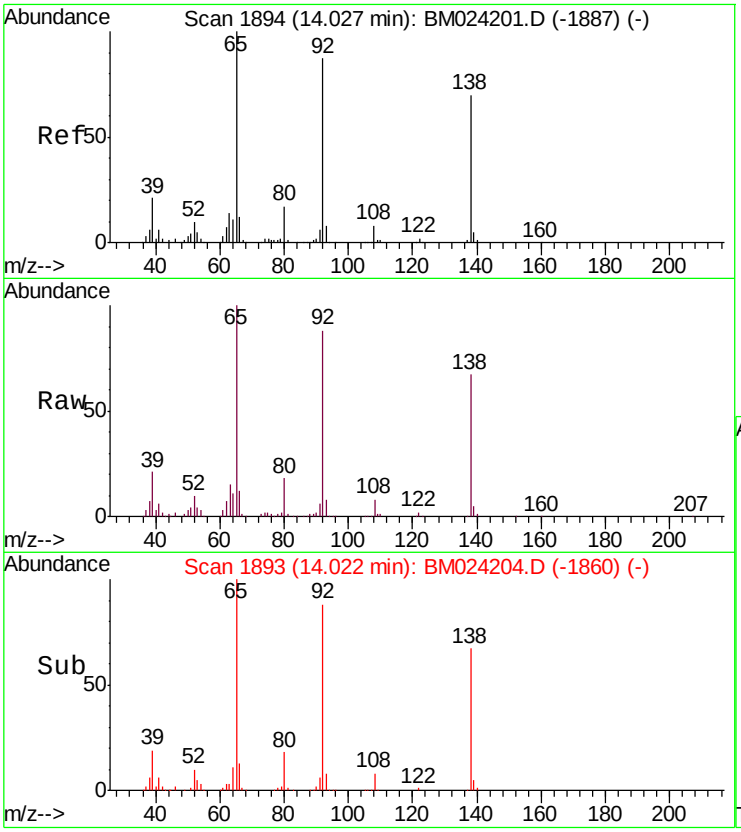


#48
Acenaphthylene
Concen: 21.213 ng/ul
RT: 13.82 min Scan# 1858
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion:152 Resp: 1490439

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.0	24.0
153	12.9	10.6	16.0



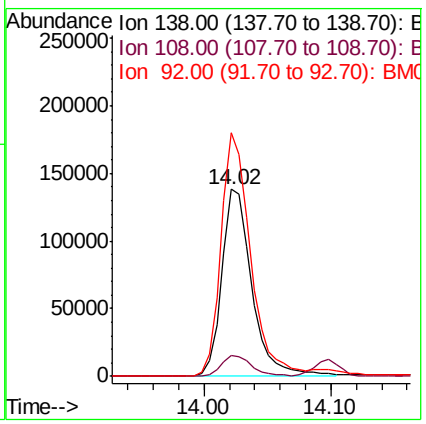


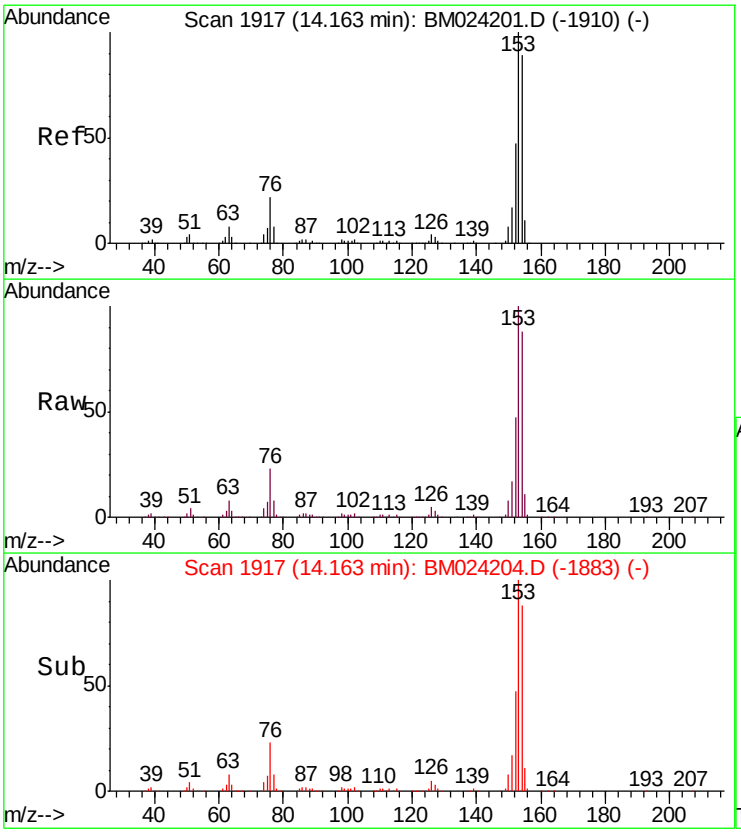
#49
3-Nitroaniline
Concen: 21.250 ng/ul
RT: 14.02 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tgt Ion:138 Resp: 228036

Ion	Ratio	Lower	Upper
138	100		
108	11.5	8.8	13.2
92	130.3	97.3	145.9

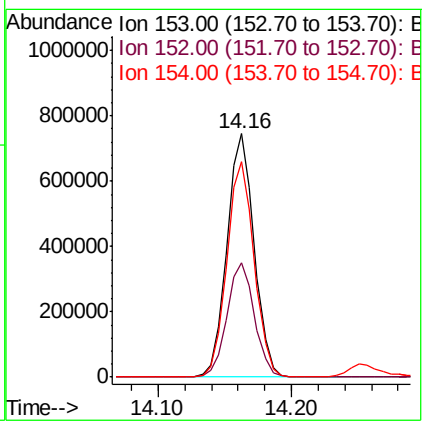


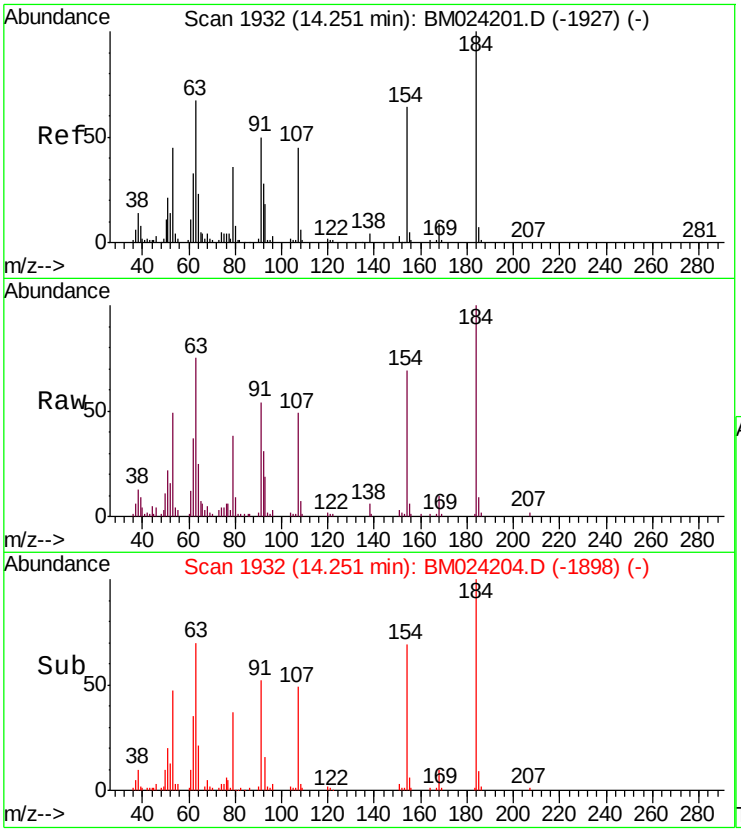


#50
Acenaphthene
Concen: 22.010 ng/ul
RT: 14.16 min Scan# 1917
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion:153 Resp: 1063302

Ion	Ratio	Lower	Upper
153	100		
152	47.1	37.8	56.6
154	88.4	71.1	106.7



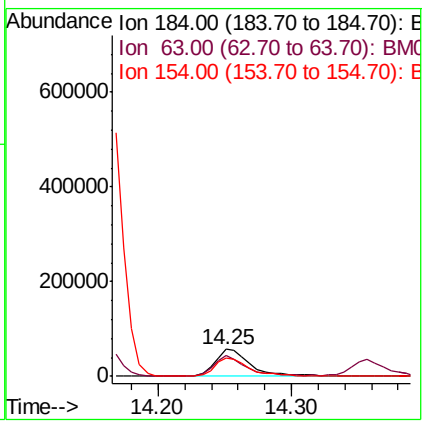


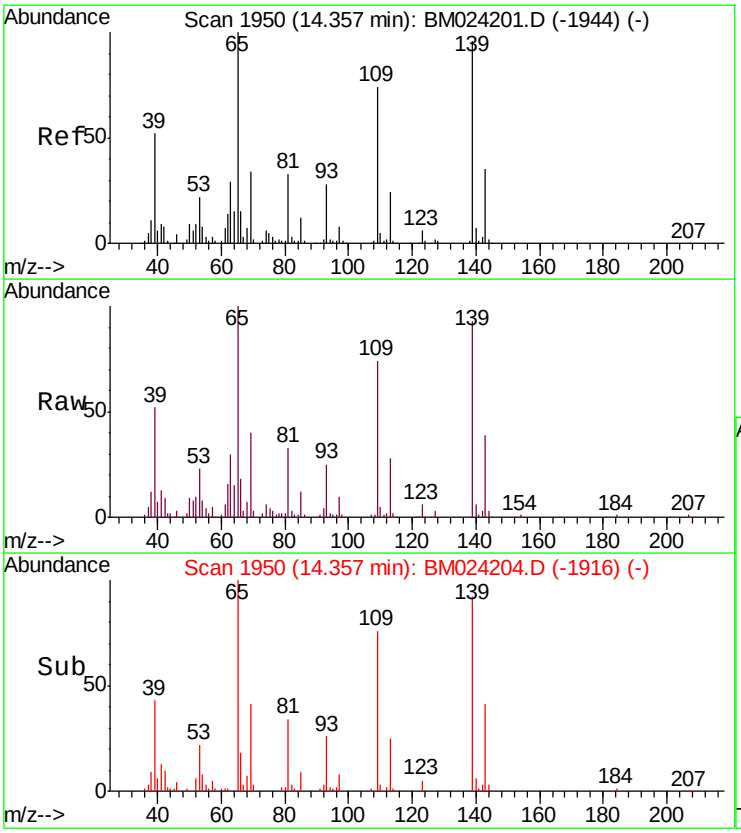
#51
2,4-Dinitrophenol
Concen: 16.772 ng/ul
RT: 14.25 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tgt Ion:184 Resp: 106570

Ion	Ratio	Lower	Upper
184	100		
63	74.7	57.0	85.6
154	69.1	51.0	76.4

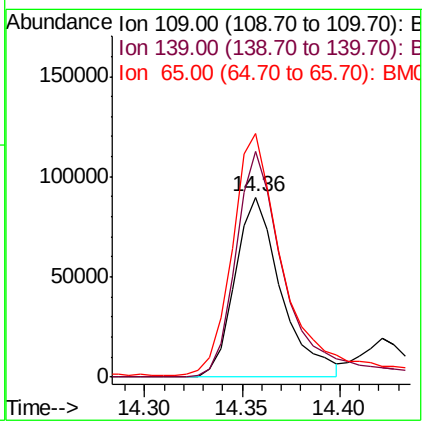


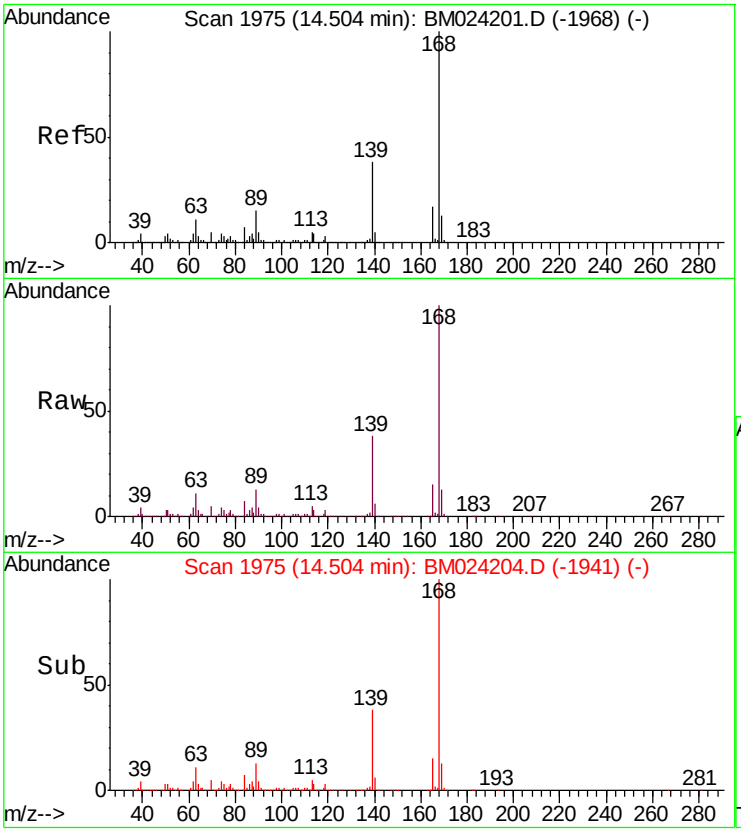


#53
4-Nitrophenol
Concen: 18.759 ng/ul
RT: 14.36 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion:109 Resp: 148339

Ion	Ratio	Lower	Upper
109	100		
139	125.1	105.0	157.4
65	135.2	113.0	169.4



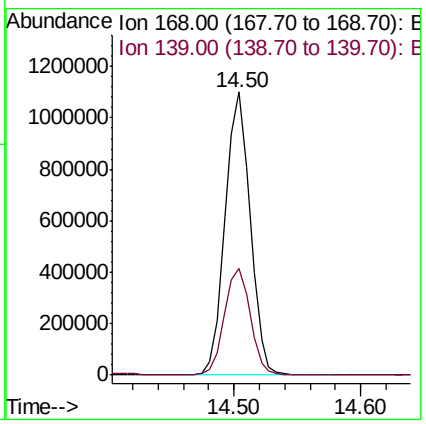


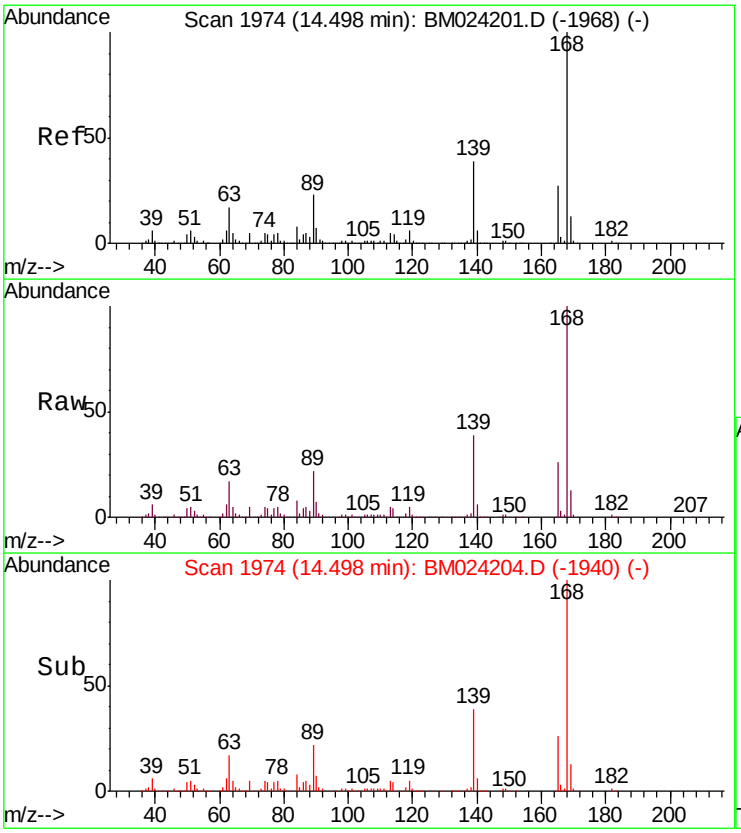
#54
Dibenzofuran
Concen: 22.386 ng/ul
RT: 14.50 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tgt Ion:168 Resp: 1503460

Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.4	45.6

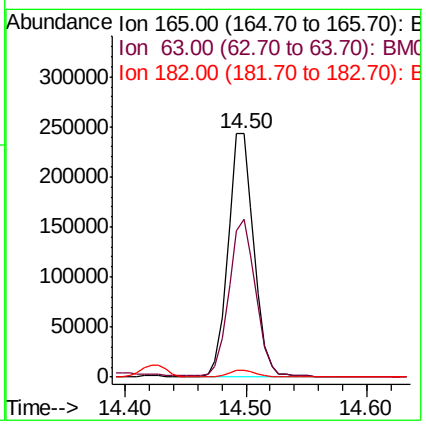


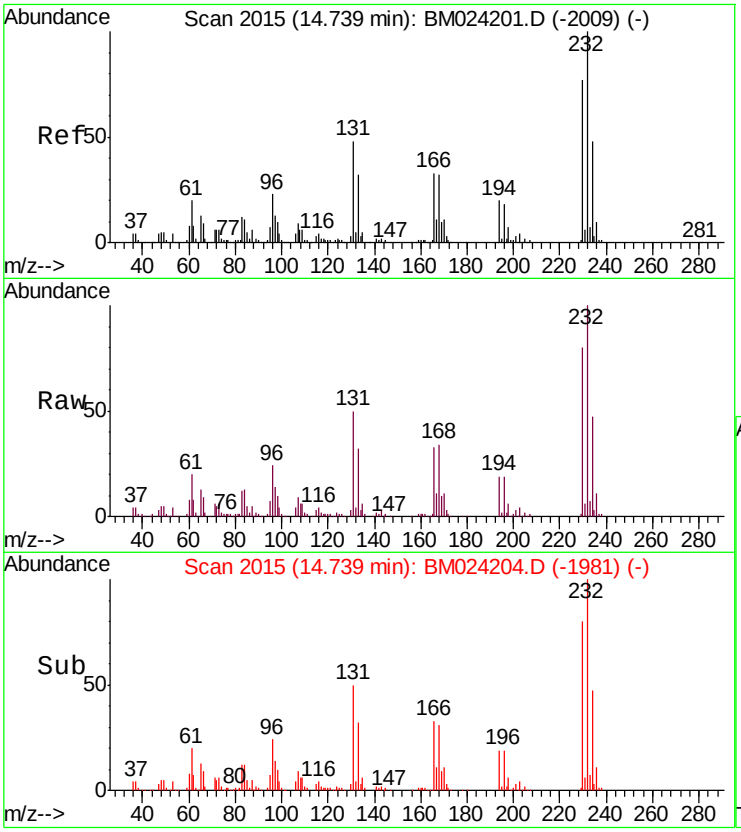


#55
2,4-Dinitrotoluene
Concen: 21.218 ng/ul
RT: 14.50 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion:165 Resp: 362308

Ion	Ratio	Lower	Upper
165	100		
63	64.8	43.6	65.4
182	2.9	2.3	3.5



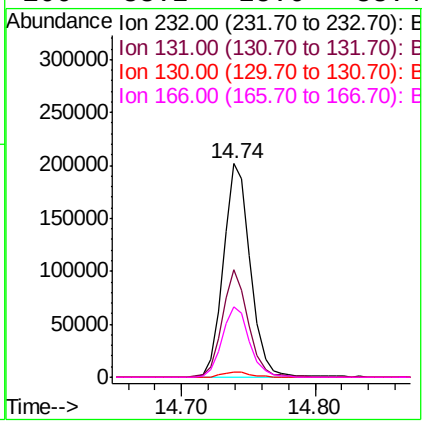


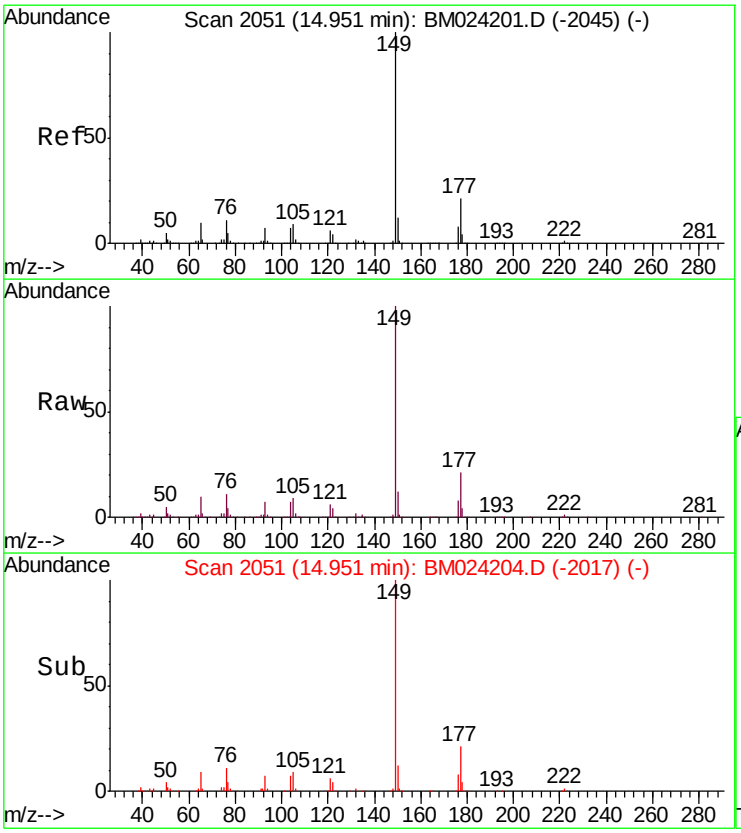
#56
2,3,4,6-Tetrachlorophenol
Concen: 22.031 ng/ul
RT: 14.74 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tgt Ion:232 Resp: 286697

Ion	Ratio	Lower	Upper
232	100		
131	50.4	36.4	54.6
130	2.7	1.9	2.9
166	33.2	25.6	38.4

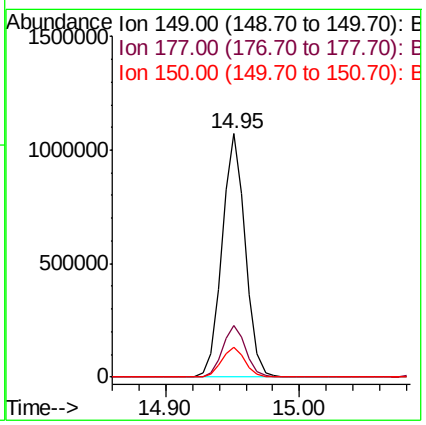


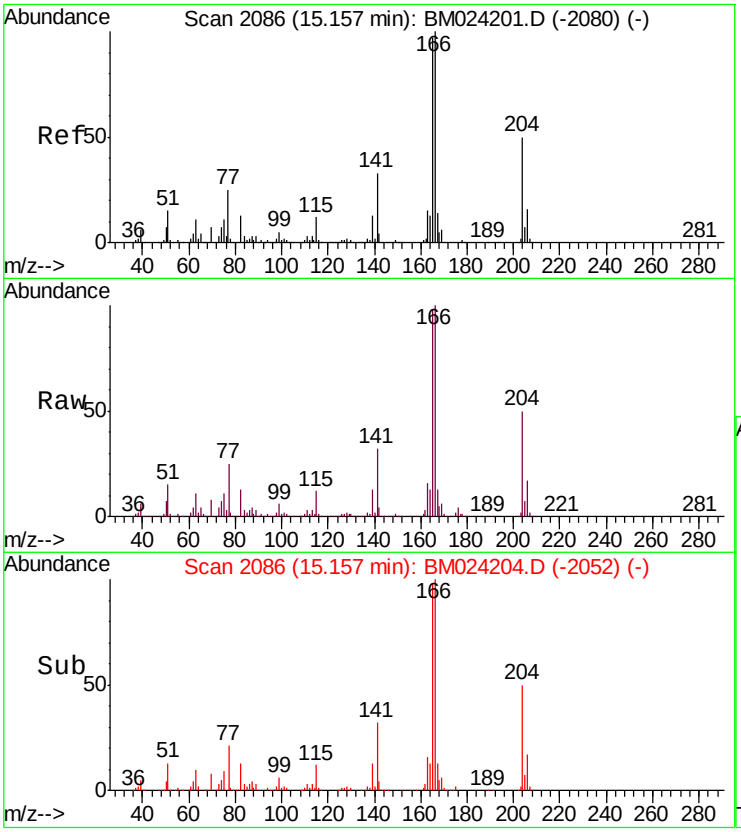


#57
Diethylphthalate
Concen: 22.534 ng/ul
RT: 14.95 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion:149 Resp: 1315062

Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.1	25.7
150	12.0	9.9	14.9



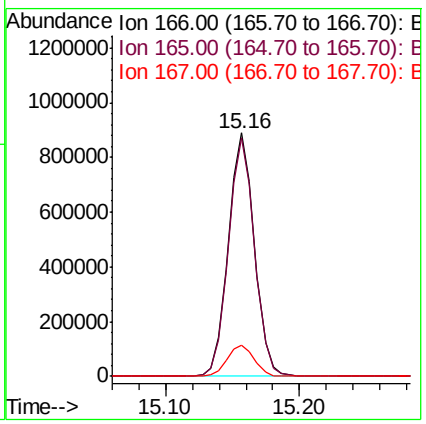


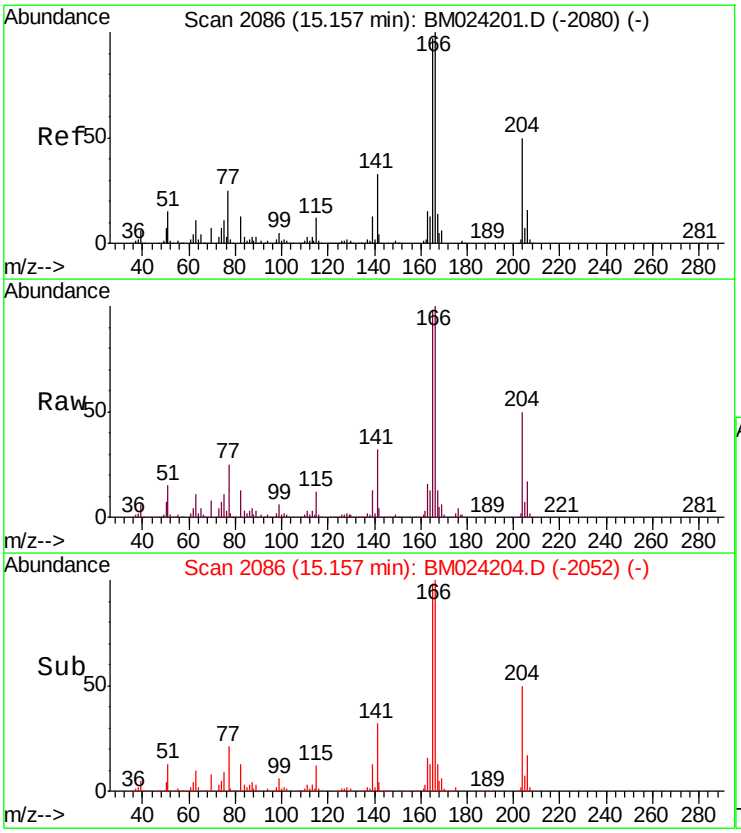
#59
Fluorene
Concen: 21.389 ng/ul
RT: 15.16 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tgt Ion:166 Resp: 1213091

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.3	117.5
167	13.0	10.4	15.6

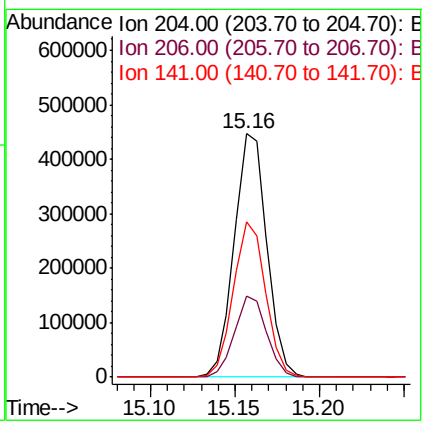


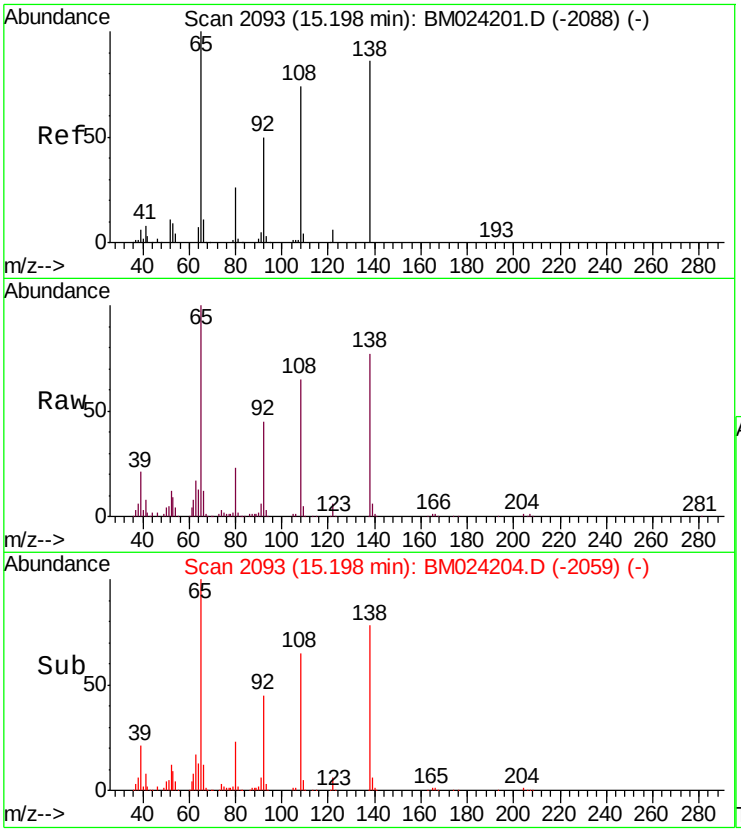


#60
4-Chlorophenyl-phenylether
Concen: 21.860 ng/ul
RT: 15.16 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion:204 Resp: 602880

Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.8	38.6
141	63.7	48.0	72.0



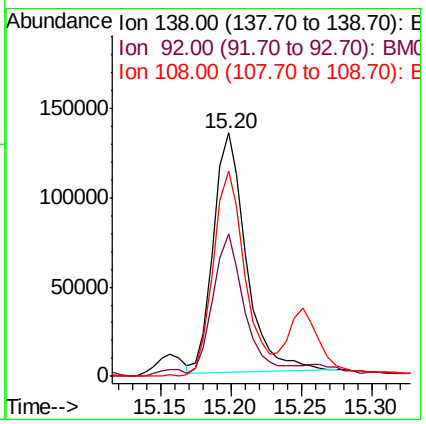


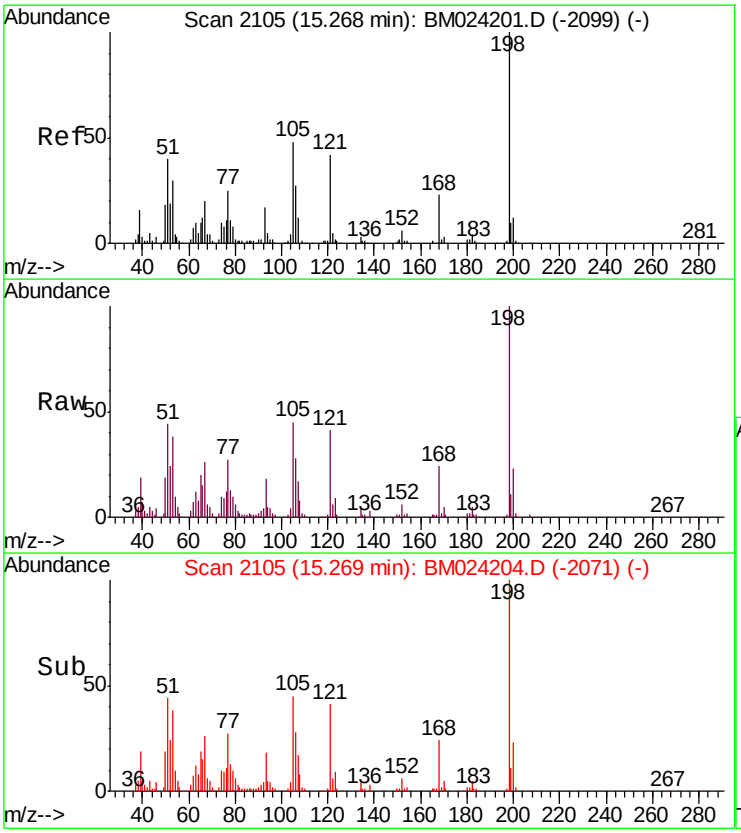
#61
4-Nitroaniline
Concen: 18.363 ng/ul
RT: 15.20 min Scan# 2093
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tgt Ion:138 Resp: 217581

Ion	Ratio	Lower	Upper
138	100		
92	58.5	44.5	66.7
108	84.2	65.8	98.8

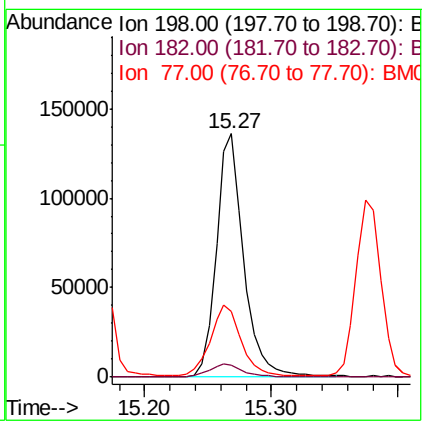


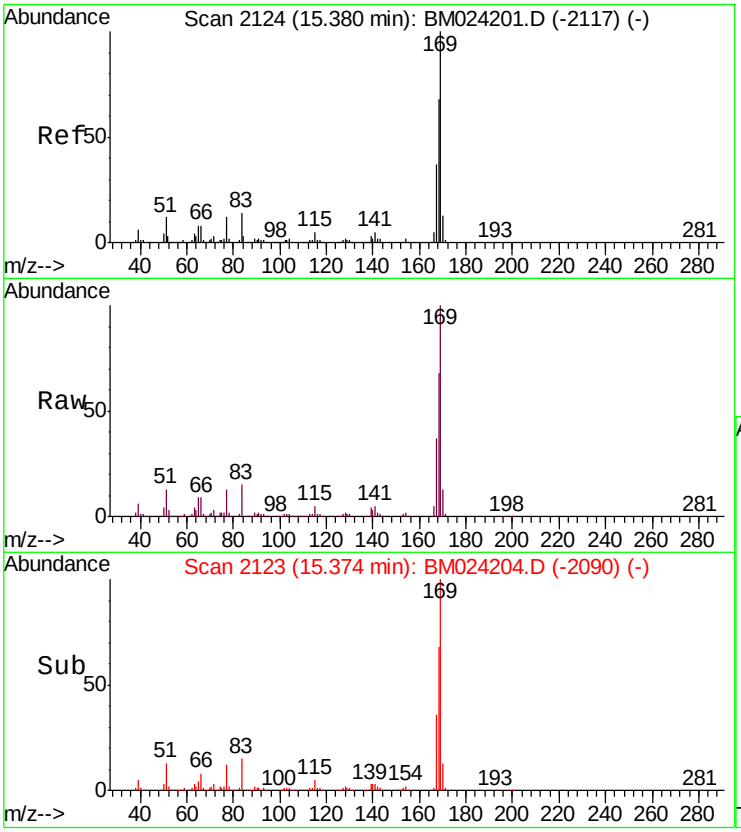


#64
4,6-Dinitro-2-methylphenol
Concen: 20.272 ng/ul
RT: 15.27 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion:198 Resp: 203278

Ion	Ratio	Lower	Upper
198	100		
182	4.9	4.1	6.1
77	26.8	21.9	32.9



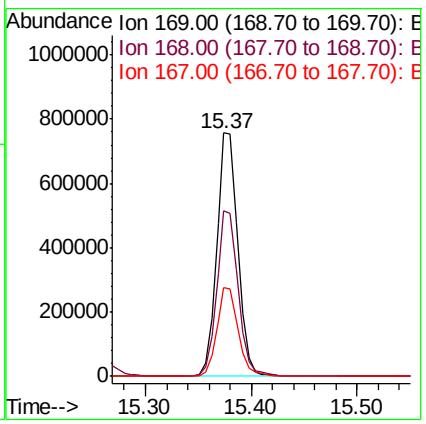


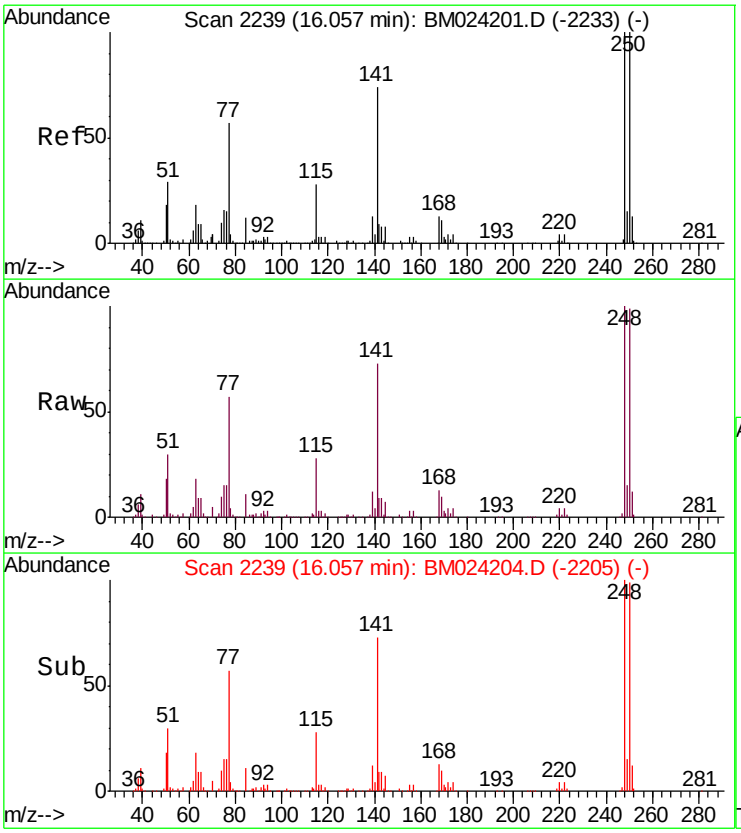
#65
N-Nitrosodiphenylamine
Concen: 23.609 ng/ul
RT: 15.37 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tgt Ion:169 Resp: 1056455

Ion	Ratio	Lower	Upper
169	100		
168	68.0	54.4	81.6
167	36.5	28.7	43.1

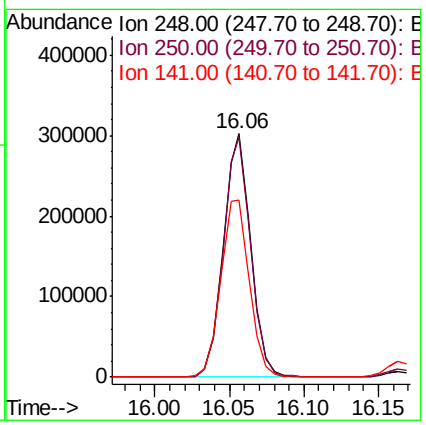


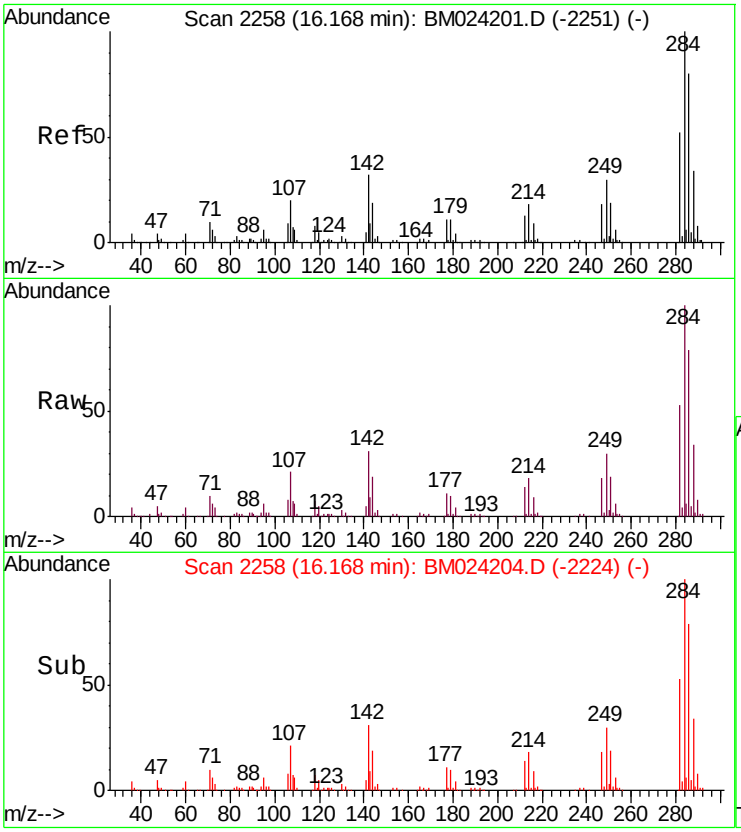


#66
4-Bromophenyl-phenylether
Concen: 23.772 ng/ul
RT: 16.06 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion:248 Resp: 388890

Ion	Ratio	Lower	Upper
248	100		
250	98.6	78.9	118.3
141	72.5	60.3	90.5



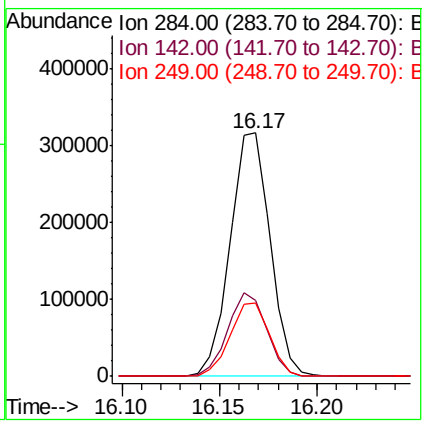


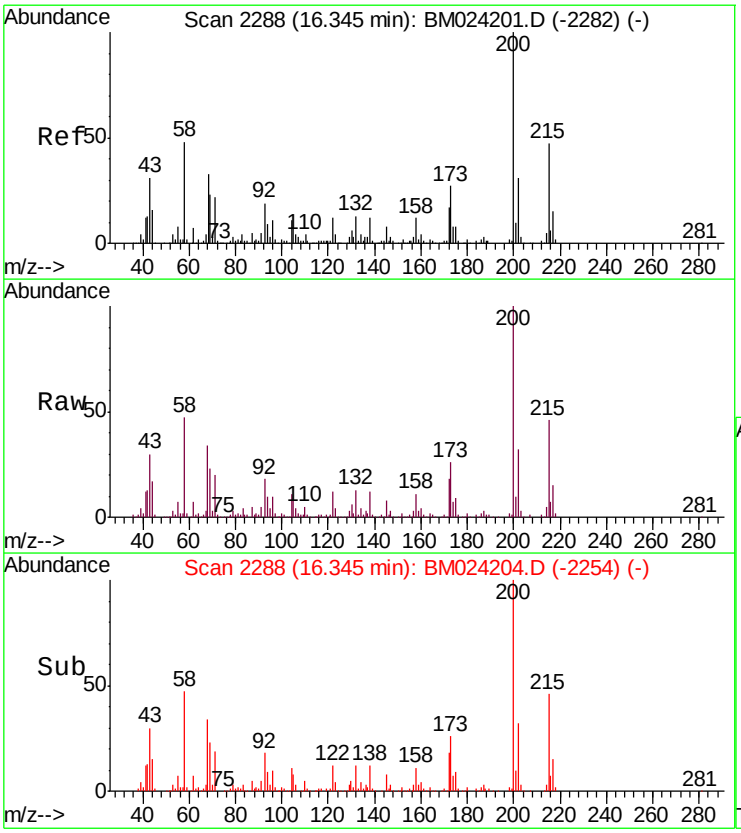
#67
Hexachlorobenzene
Concen: 22.403 ng/ul
RT: 16.17 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tgt Ion:284 Resp: 448741

Ion	Ratio	Lower	Upper
284	100		
142	31.2	27.4	41.0
249	30.0	23.8	35.6

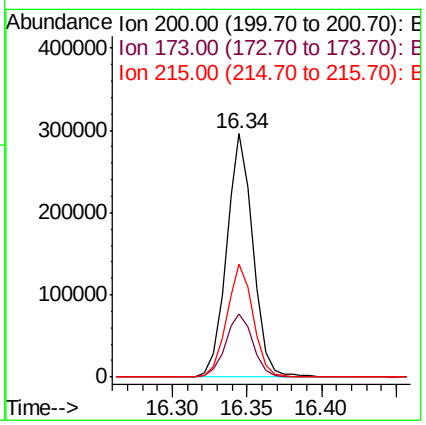


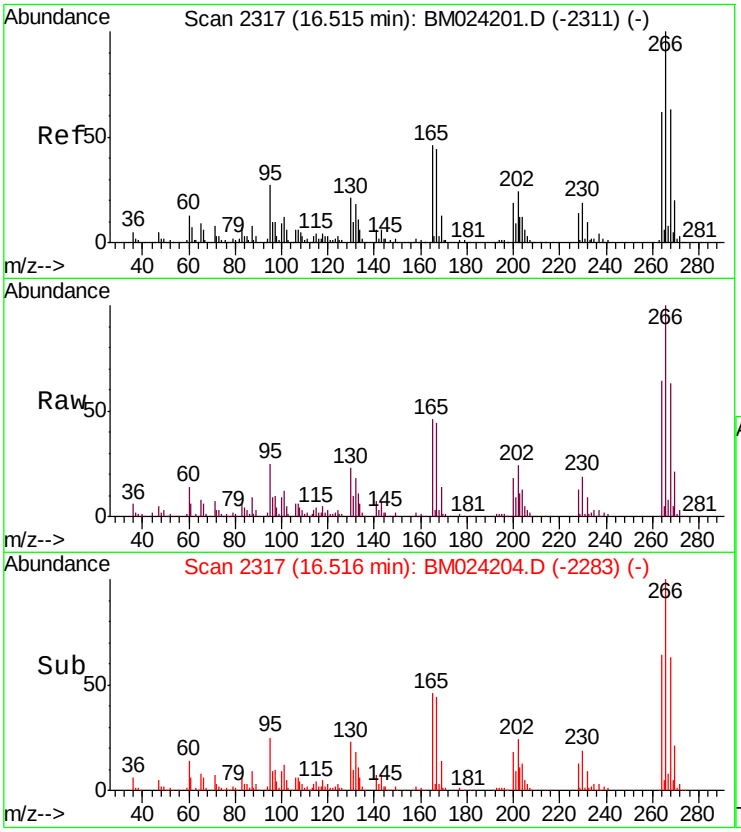


#68
Atrazine
Concen: 22.138 ng/ul
RT: 16.34 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion:200 Resp: 368232

Ion	Ratio	Lower	Upper
200	100		
173	26.0	21.8	32.8
215	46.3	37.3	55.9



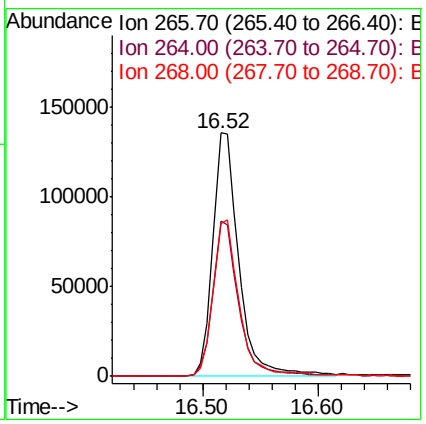


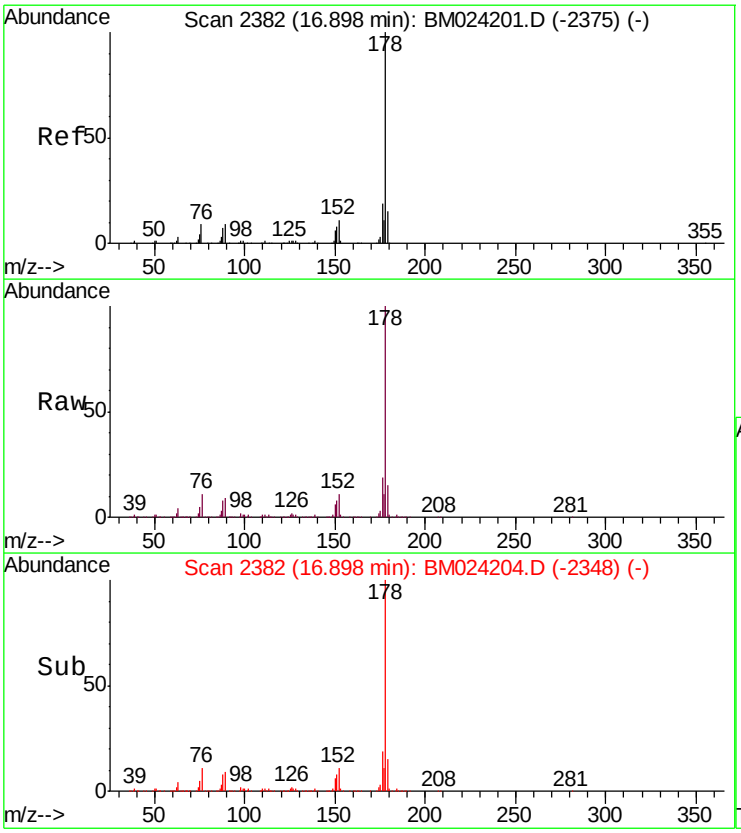
#69
Pentachlorophenol
Concen: 20.302 ng/ul
RT: 16.52 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tgt Ion:266 Resp: 213102

Ion	Ratio	Lower	Upper
266	100		
264	63.8	47.9	71.9
268	62.7	51.3	76.9

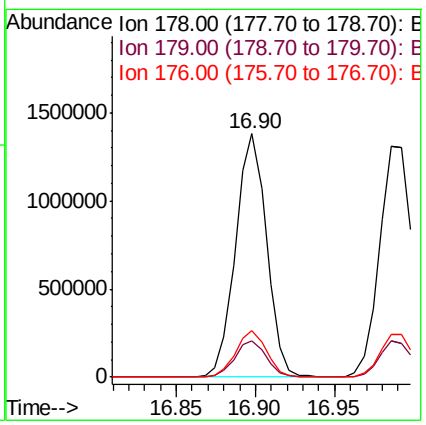


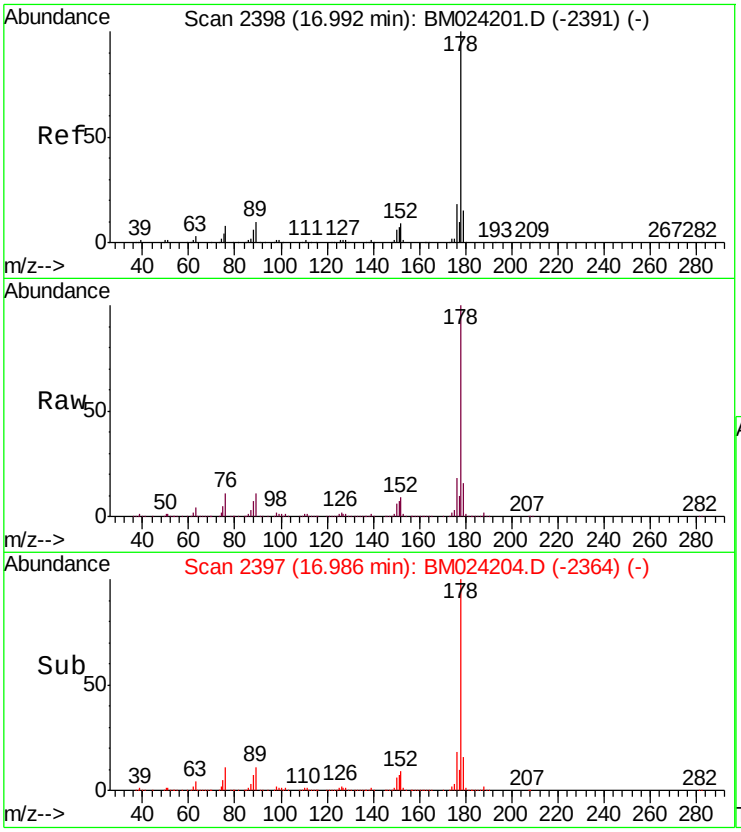


#70
Phenanthrene
Concen: 21.777 ng/ul
RT: 16.90 min Scan# 2382
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion:178 Resp: 1876298

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.6	19.0
176	18.9	15.1	22.7



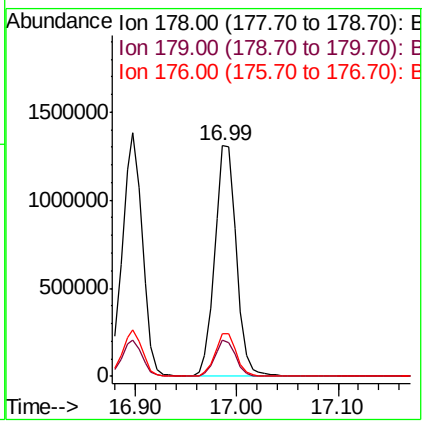


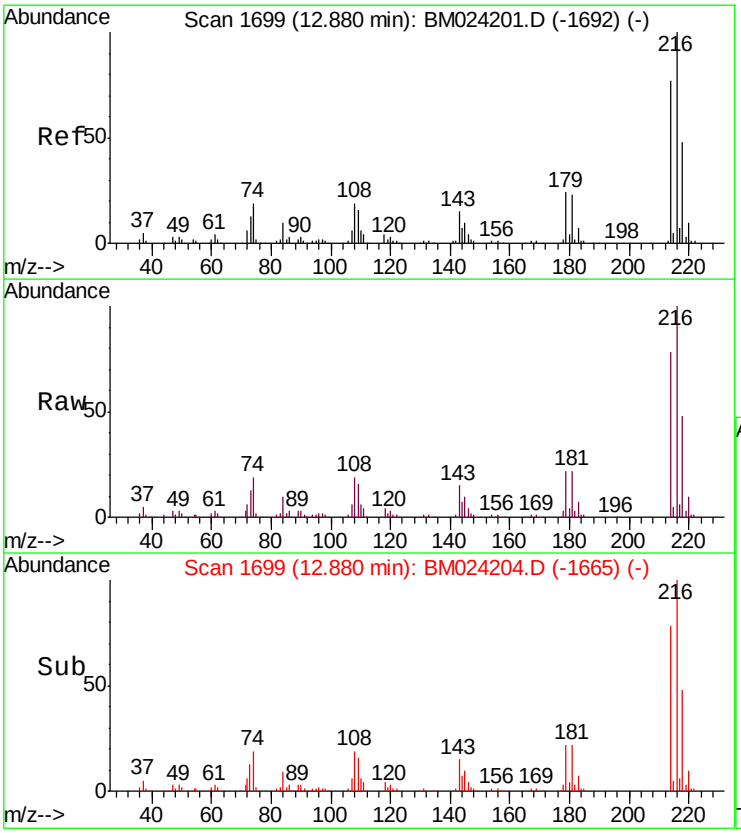
#72
Anthracene
Concen: 22.264 ng/ul
RT: 16.99 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tgt Ion:178 Resp: 1928562

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.2	14.7	22.1

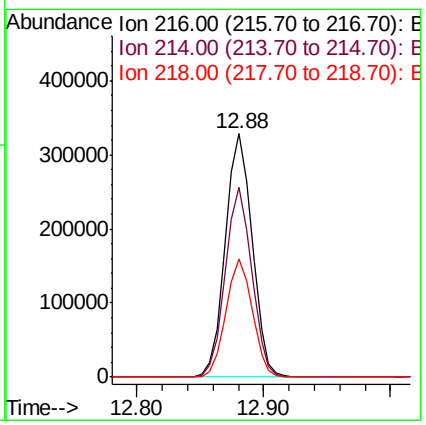


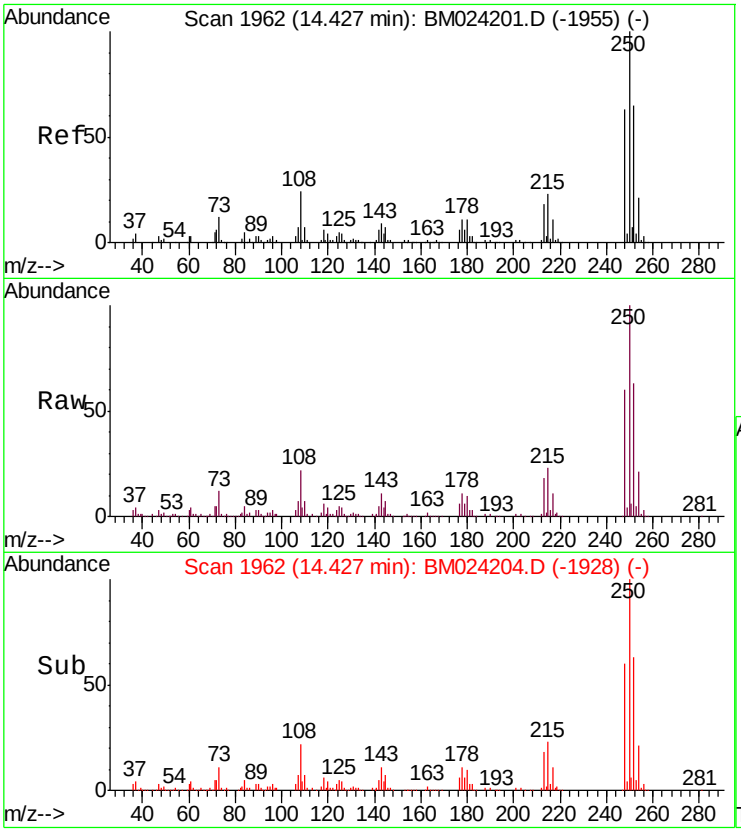


#73
1,2,3,4-Tetrachlorobenzene
Concen: 24.886 ng/uL
RT: 12.88 min Scan# 1699
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion:216 Resp: 480671

Ion	Ratio	Lower	Upper
216	100		
214	78.2	61.2	91.8
218	48.5	38.0	57.0



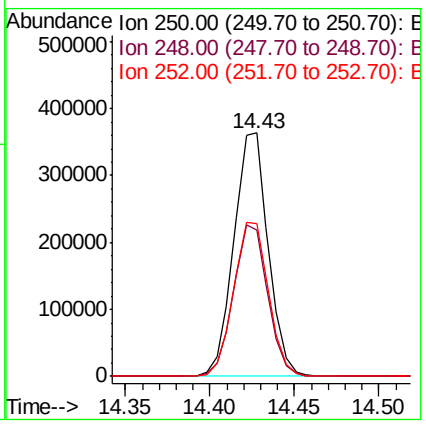


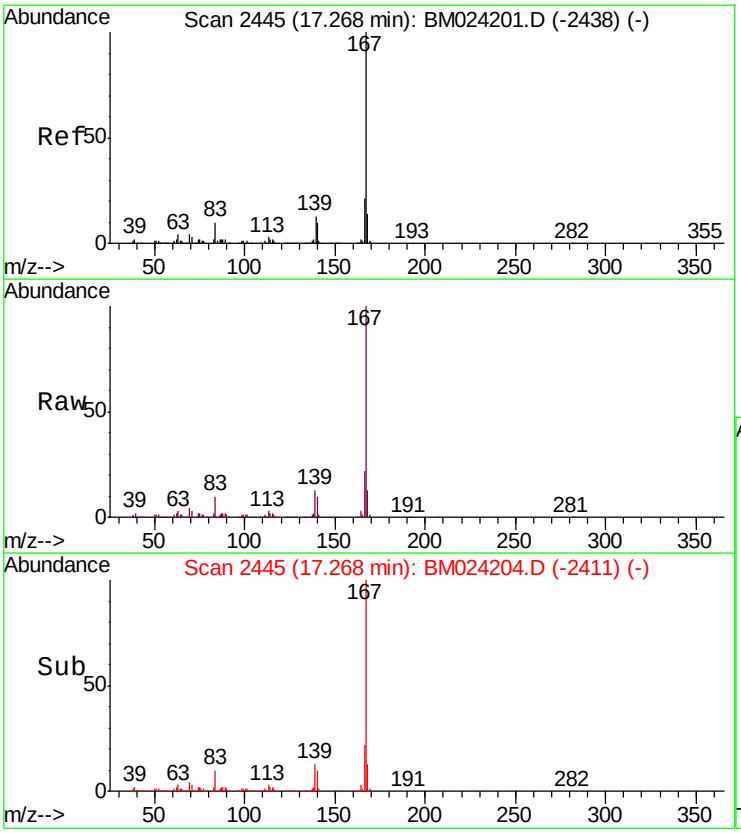
#74
Pentachlorobenzene
Concen: 24.229 ng/uL
RT: 14.43 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tgt Ion:250 Resp: 515404

Ion	Ratio	Lower	Upper
250	100		
248	60.2	51.9	77.9
252	62.6	52.8	79.2

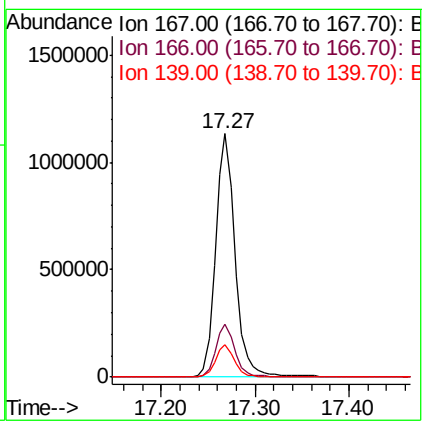


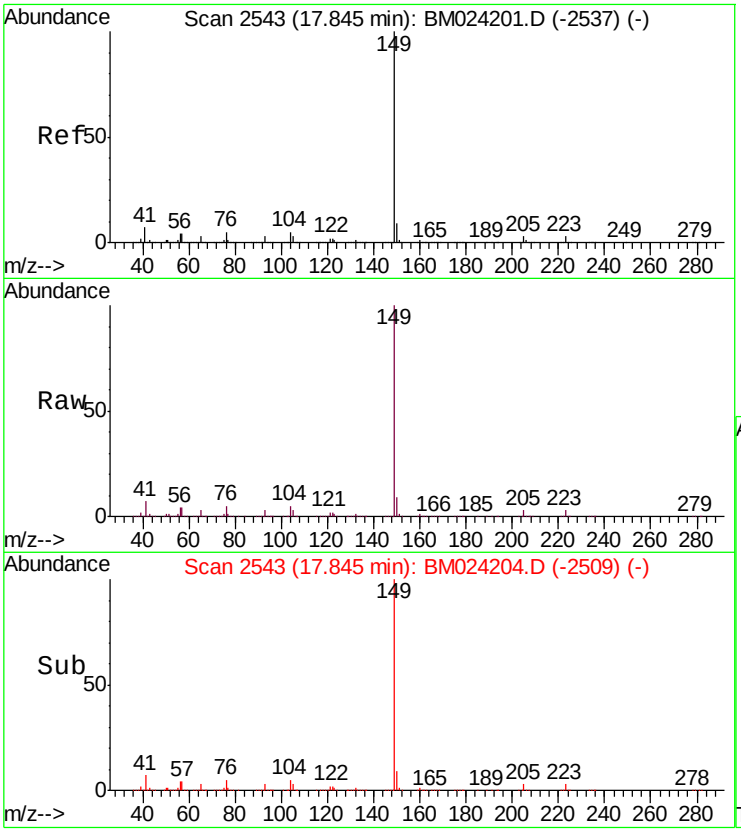


#75
Carbazole
Concen: 22.129 ng/ul
RT: 17.27 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion:167 Resp: 1646635

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.6
139	13.1	10.3	15.5



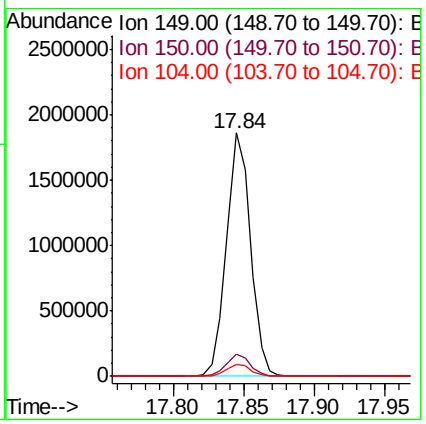


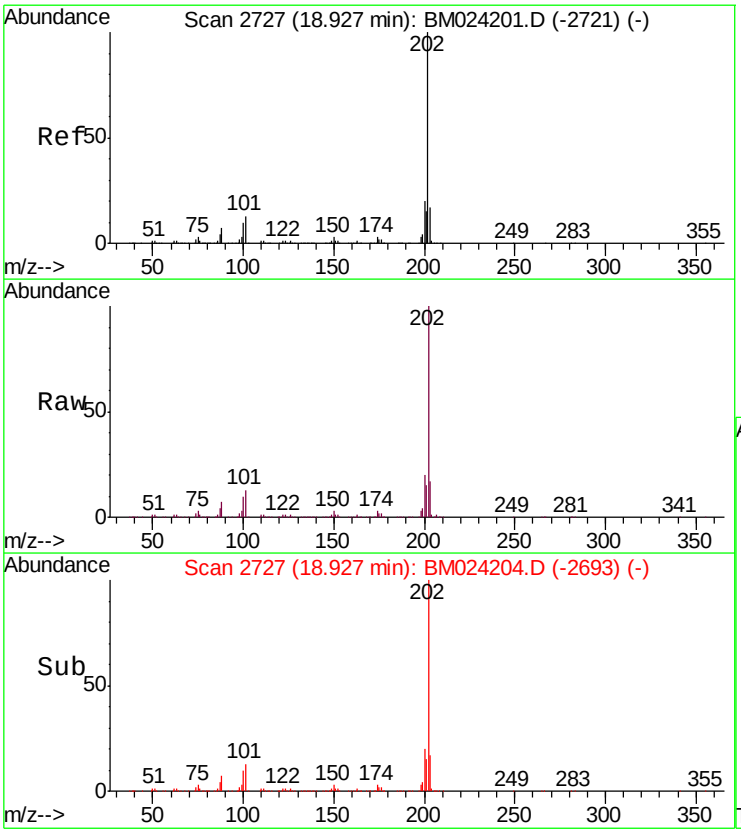
#76
Di-n-butylphthalate
Concen: 24.793 ng/ul
RT: 17.84 min Scan# 2543
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tgt Ion:149 Resp: 2212581

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.0	10.6
104	5.1	4.2	6.2

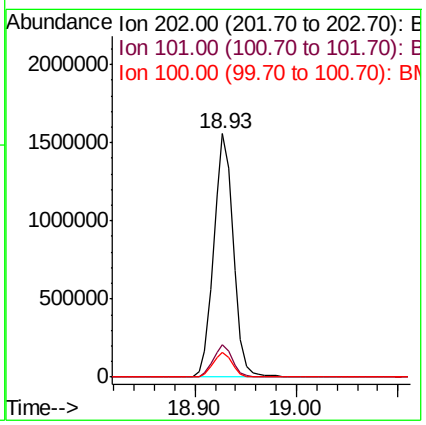


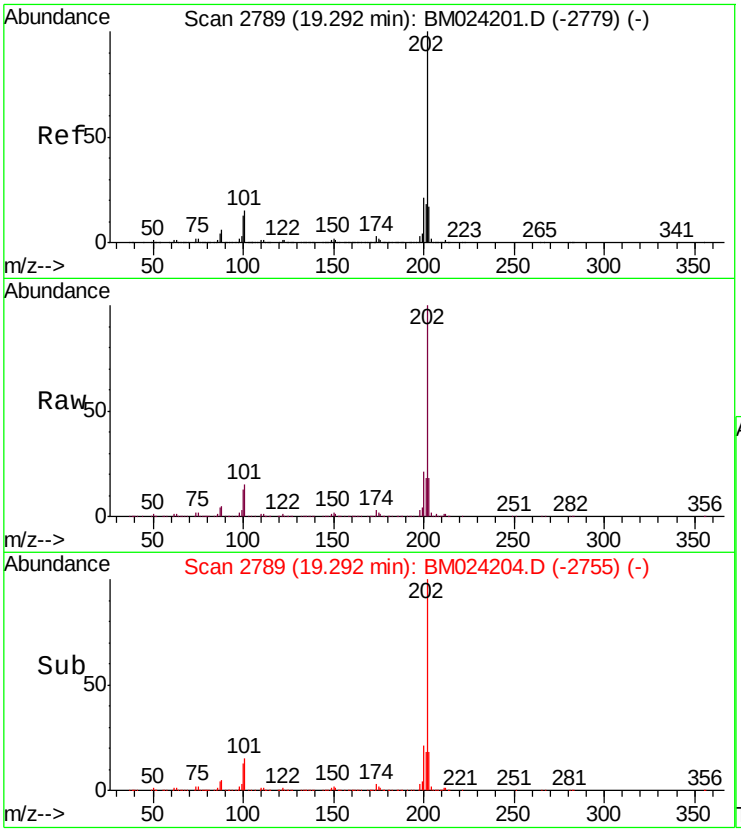


#77
Fluoranthene
Concen: 22.194 ng/ul
RT: 18.93 min Scan# 2727
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion:202 Resp: 2084233

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.6	15.8
100	10.2	8.1	12.1



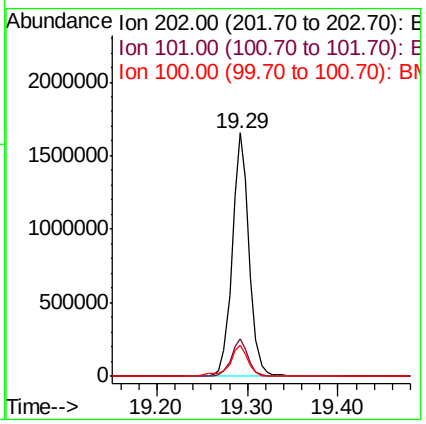


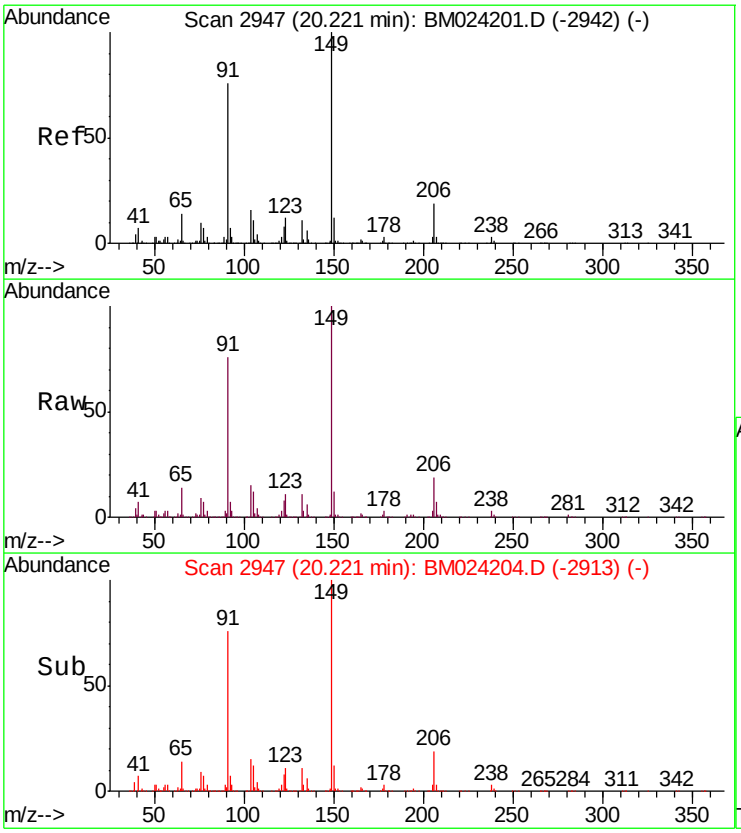
#80
Pyrene
Concen: 22.775 ng/ul
RT: 19.29 min Scan# 2789
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tgt Ion:202 Resp: 2144875

Ion	Ratio	Lower	Upper
202	100		
101	15.2	12.2	18.4
100	12.7	10.0	15.0

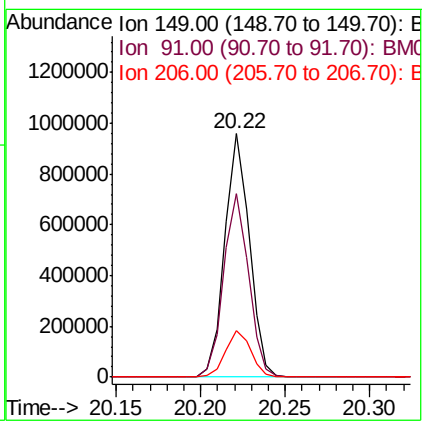


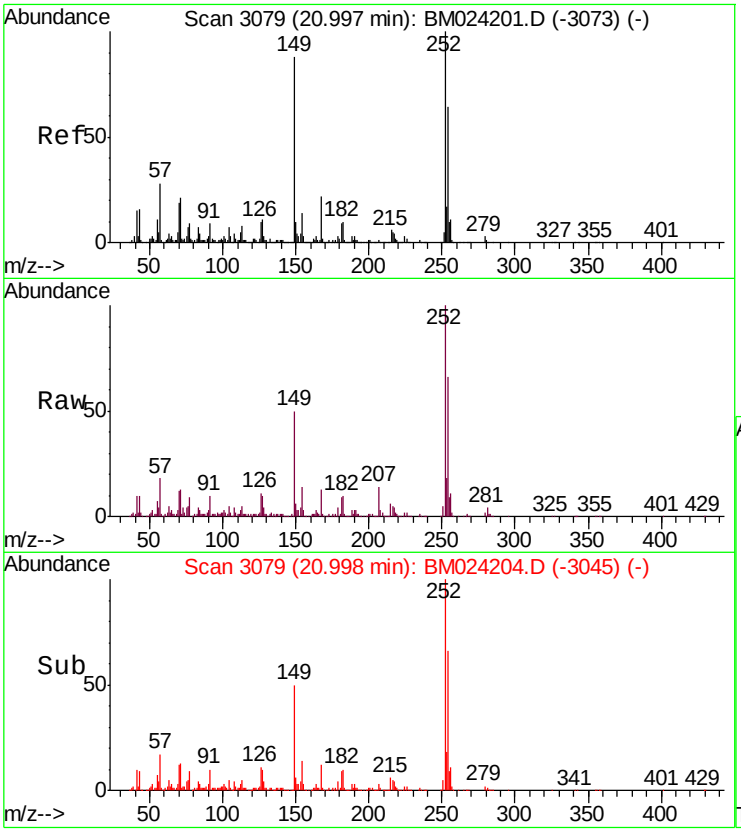


#81
Butylbenzylphthalate
Concen: 26.226 ng/ul
RT: 20.22 min Scan# 2947
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion:149 Resp: 973069

Ion	Ratio	Lower	Upper
149	100		
91	75.5	59.8	89.8
206	19.1	15.4	23.2



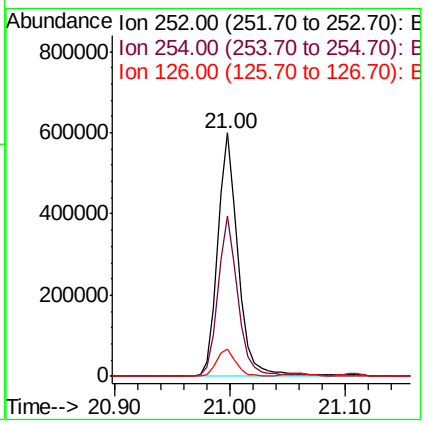


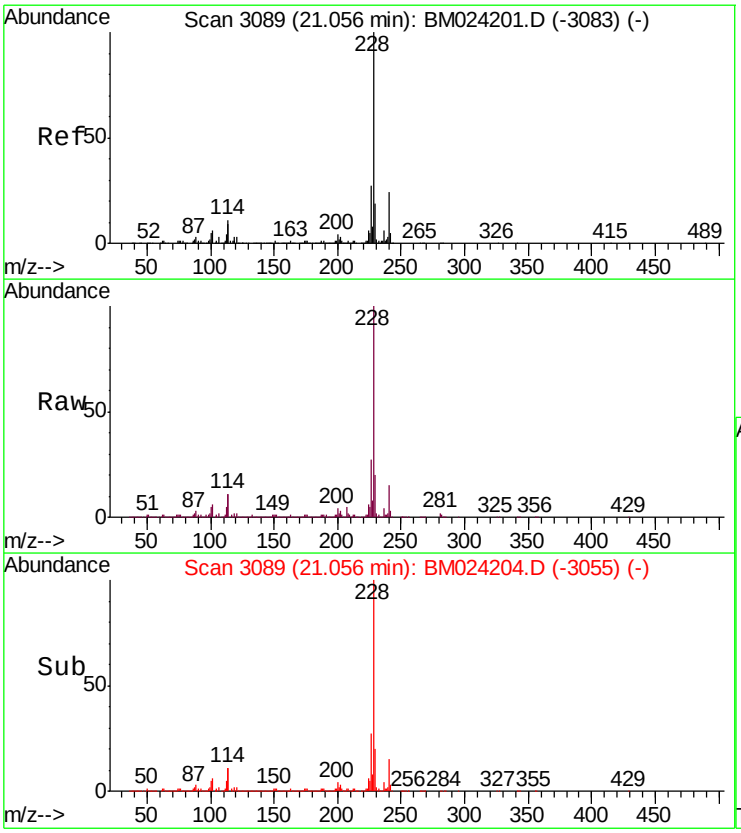
#82
3,3'-Dichlorobenzidine
Concen: 22.829 ng/ul
RT: 21.00 min Scan# 3079
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tgt Ion:252 Resp: 731088

Ion	Ratio	Lower	Upper
252	100		
254	65.7	52.1	78.1
126	11.0	8.9	13.3

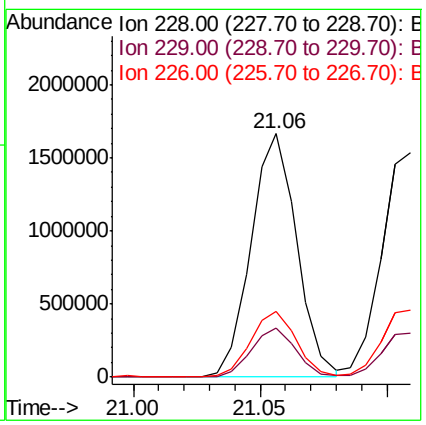


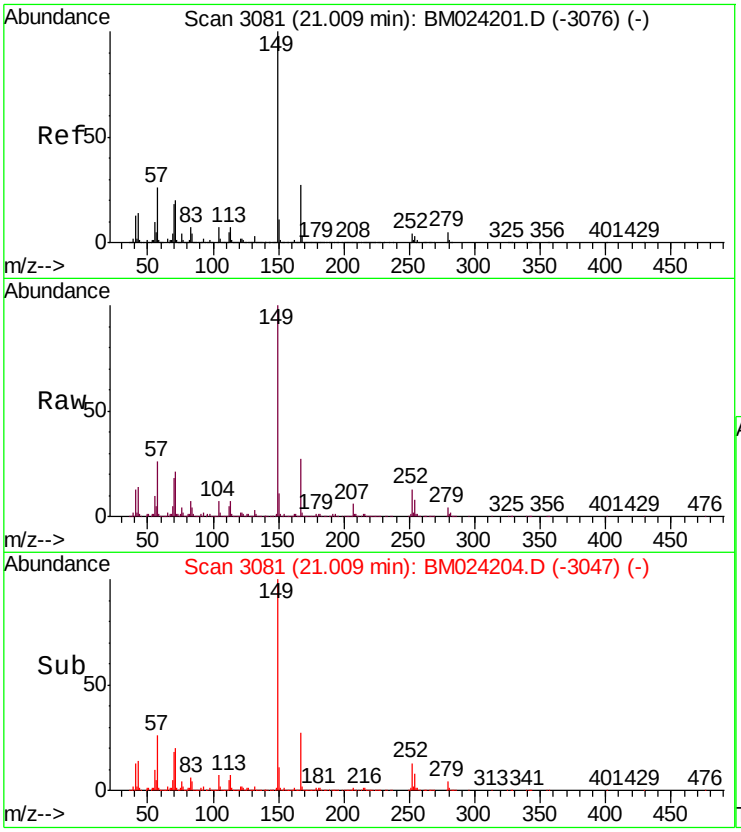


#83
Benzo(a)anthracene
Concen: 22.838 ng/ul
RT: 21.06 min Scan# 3089
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion:228 Resp: 2099102

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.8	23.8
226	26.8	22.2	33.2



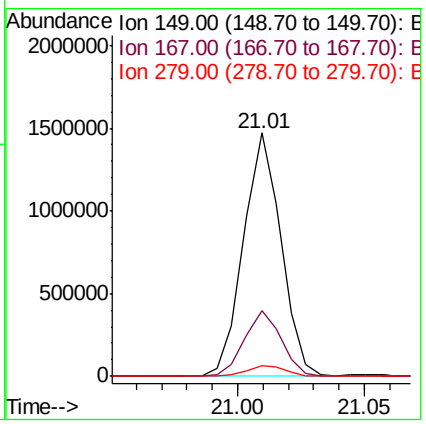


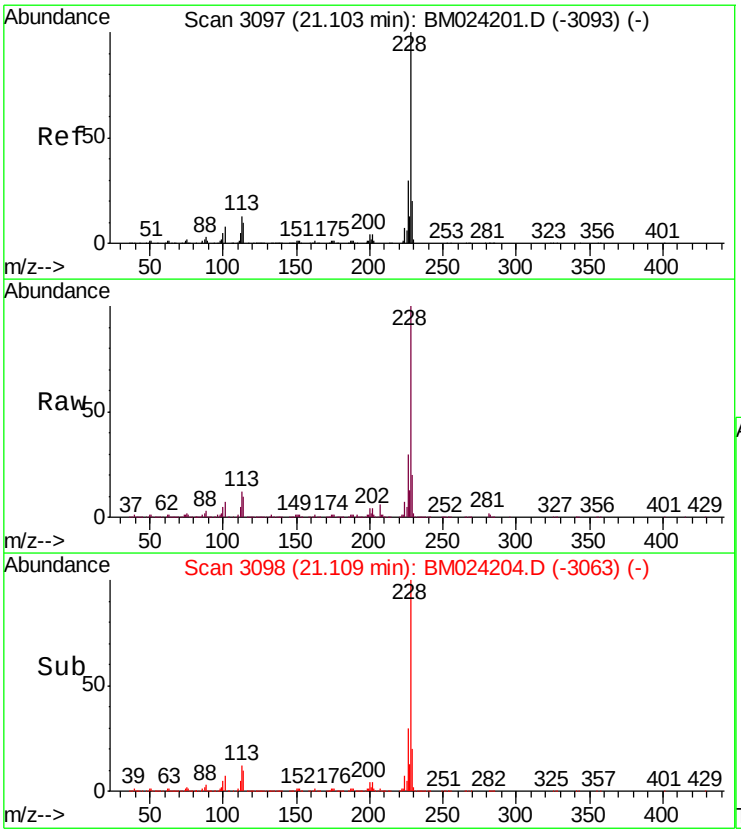
#84
Bis(2-ethylhexyl)phthalate
Concen: 27.460 ng/ul
RT: 21.01 min Scan# 3081
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tgt Ion:149 Resp: 1518287

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	4.5	3.7	5.5

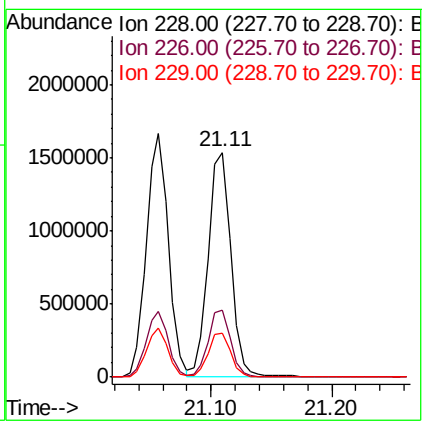


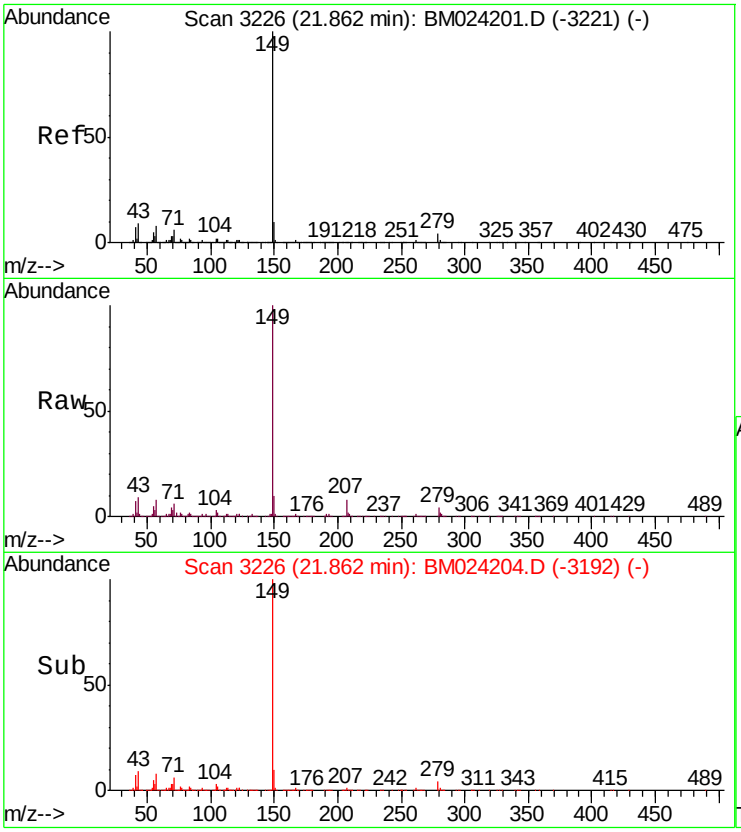


#85
Chrysene
Concen: 21.941 ng/ul
RT: 21.11 min Scan# 3098
Delta R.T. 0.01 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion:228 Resp: 1976634

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	19.5	15.4	23.2

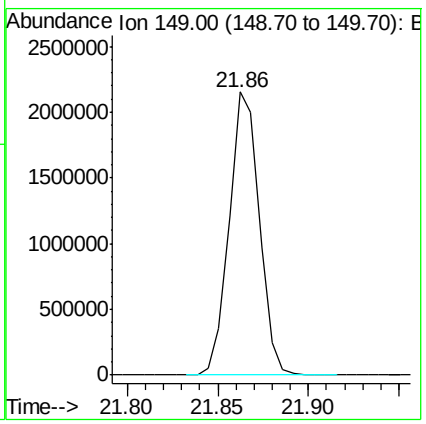


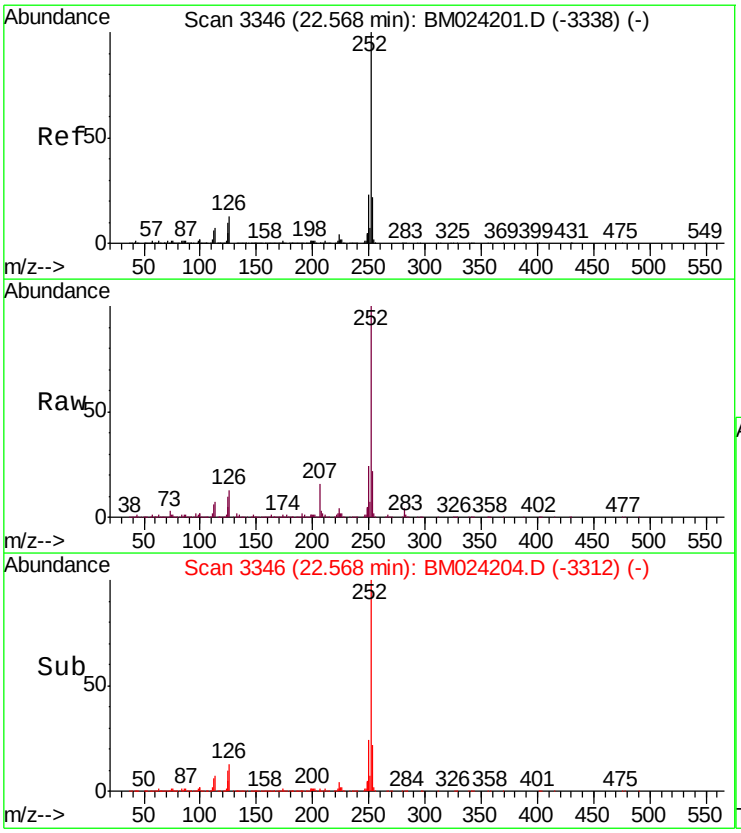


#87
Di-n-octyl phthalate
Concen: 28.498 ng/ul
RT: 21.86 min Scan# 3226
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tgt Ion:149 Resp: 2482507

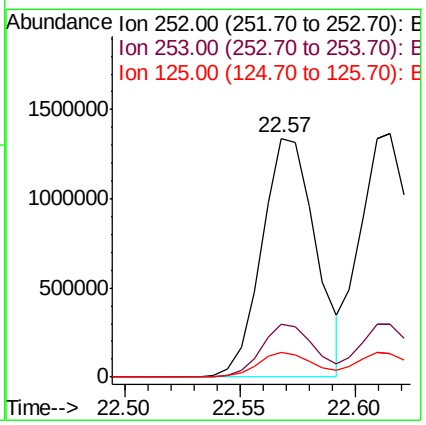


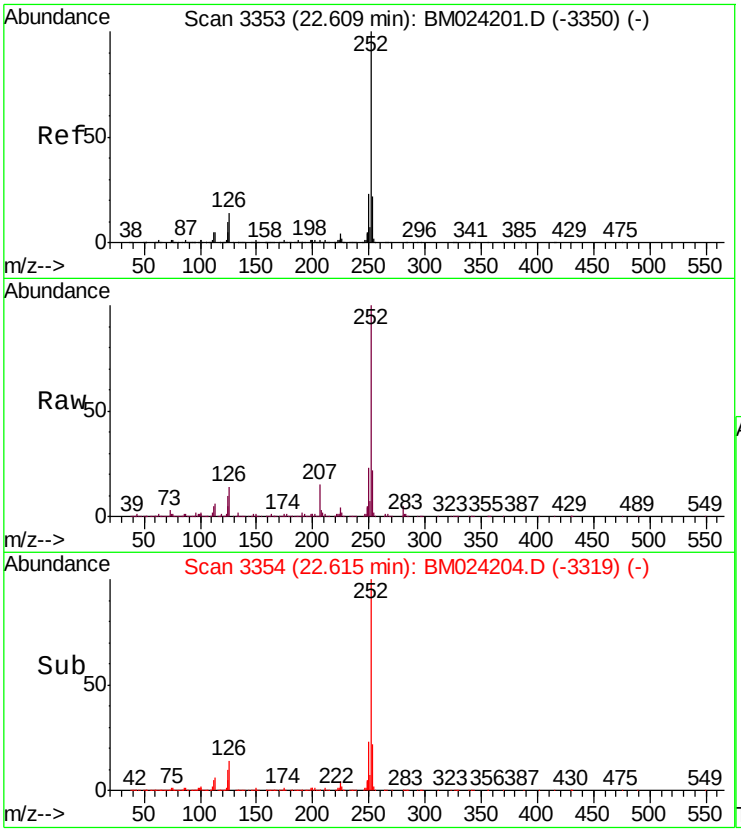


#88
Benzo(b)fluoranthene
Concen: 22.529 ng/ul
RT: 22.57 min Scan# 3346
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion:252 Resp: 2173391

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	10.4	7.8	11.8



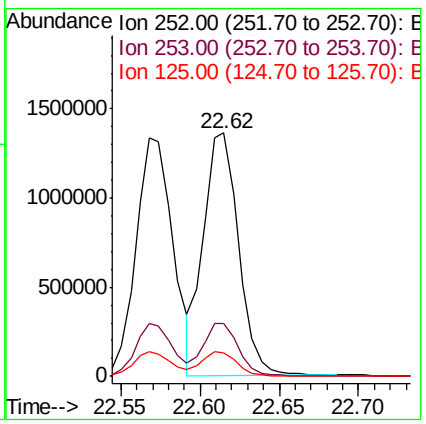


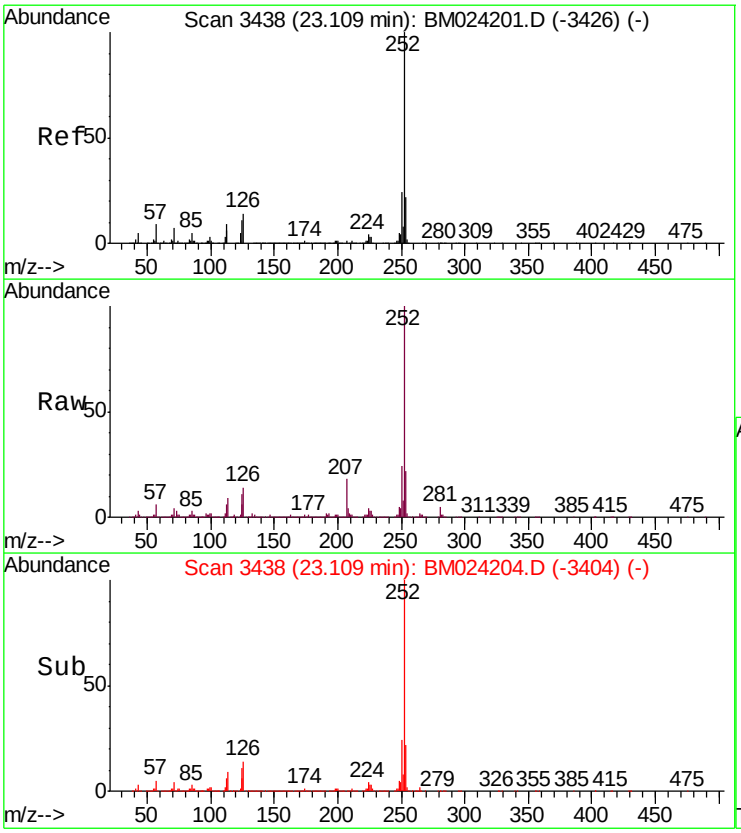
#89
Benzo(k)fluoranthene
Concen: 22.172 ng/ul
RT: 22.62 min Scan# 3354
Delta R.T. 0.01 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tgt Ion:252 Resp: 2098682

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	9.9	7.9	11.9

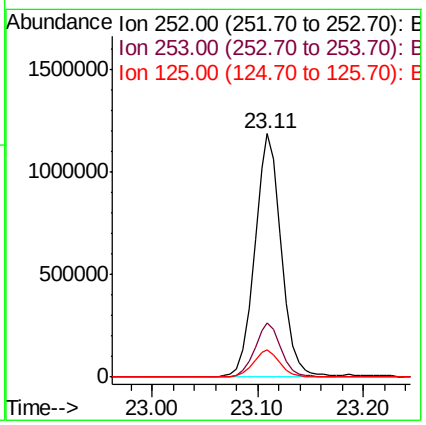


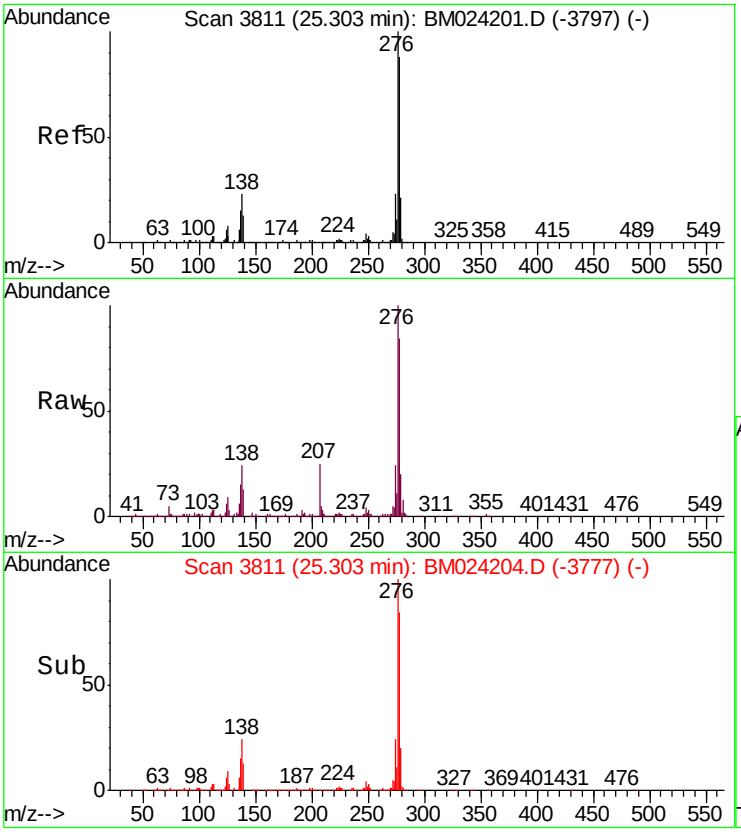


#91
Benzo(a)pyrene
Concen: 23.553 ng/ul
RT: 23.11 min Scan# 3438
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion:252 Resp: 2055514

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	11.3	8.2	12.4



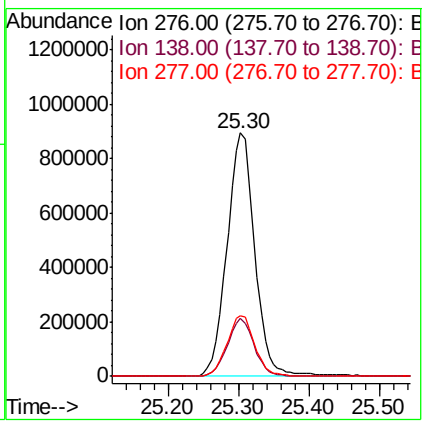


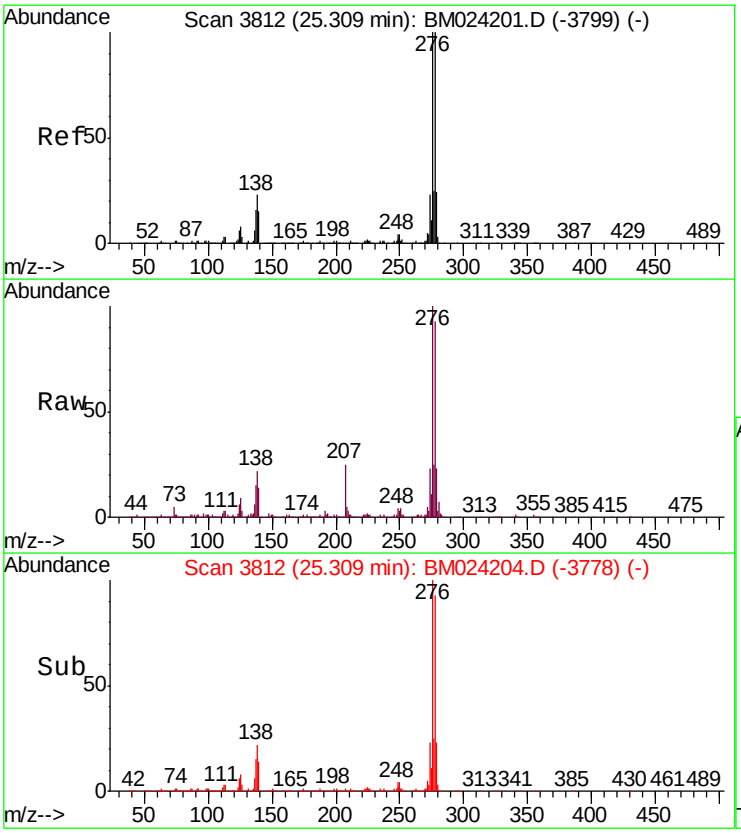
#92
Indeno(1,2,3-cd)pyrene
Concen: 23.300 ng/ul
RT: 25.30 min Scan# 3811
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tgt Ion:276 Resp: 2441674

Ion	Ratio	Lower	Upper
276	100		
138	23.9	18.3	27.5
277	24.8	20.2	30.2

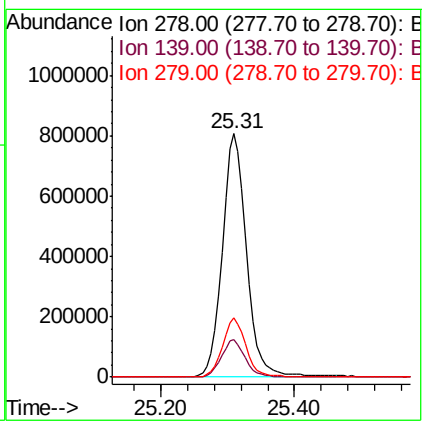


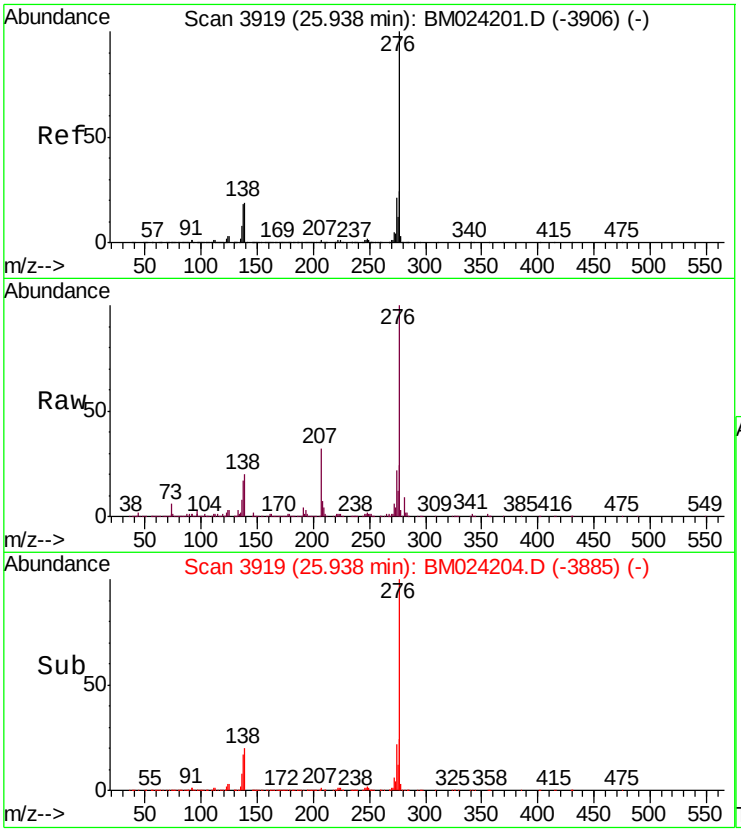


#93
Dibenzo(a,h)anthracene
Concen: 23.504 ng/ul
RT: 25.31 min Scan# 3812
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Tgt Ion:278 Resp: 2064960

Ion	Ratio	Lower	Upper
278	100		
139	15.6	11.5	17.3
279	24.3	18.9	28.3





#94
Benzo(g,h,i)perylene
Concen: 23.649 ng/ul
RT: 25.94 min Scan# 3919
Delta R.T. 0.00 min
Lab File: BM024204.D
Acq: 20 Dec 2019 15:28

Instrument :
BNA_M
ClientSampleId :
A5169MS

Tgt Ion:276 Resp: 2023408

Ion	Ratio	Lower	Upper
276	100		
138	19.7	15.3	22.9
277	23.9	19.3	28.9