Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
Data File : BM022564.D
Acq On : 06 Sep 2019 22:26
Operator : HP/JU
Sample : MDL-S-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Sep 06 23:22:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 05 19:43:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	219156	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	994377	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.49	164	630985	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1309347	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	1363960	20.00	ng/ul	-0.01
86) Perylene-d12	23.69	264	1603459	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	8721	1.66	ng/uL	0.00
5) Phenol-d5	7.01	99	566297	28.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	354244	30.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	455064	28.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	464108	28.24	ng/ul	-0.01
19) Nitrobenzene-d5	9.01	128	217477	30.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	194382	29.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	433488	25.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	664716	29.96	ng/ul	0.00
44) Dimethylphthalate-d6	13.90	166	1485019	29.04	ng/ul	-0.01
47) Acenaphthylene-d8	14.18	160	1854281	30.29	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.66	143	247391	28.33	ng/ul	0.00
58) Fluorene-d10	15.48	176	1260354	29.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	146840	24.67	ng/ul	-0.01
71) Anthracene-d10	17.32	188	1979688	29.51	ng/ul	-0.01
79) Pyrene-d10	19.62	212	2158280	28.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	2426463	28.16	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	8068	1.525	ng/uL#	83
4) Benzaldehyde	6.99	77	34623	3.280	ng/ul	96
6) Phenol	7.04	94	79412	3.759	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.28	93	62688	3.907	ng/ul	98
10) 2-Chlorophenol	7.42	128	63227	3.767	ng/ul	97
11) 2-Methylphenol	8.29	108	56226	3.411	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.39	45	95752	4.058	ng/ul	96
14) Acetophenone	8.67	105	100677	3.926	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.66	70	51333	3.706	ng/ul	99
16) 4-Methylphenol	8.62	108	64871	3.644	ng/ul	97
17) Hexachloroethane	8.95	117	25379	3.817	ng/ul	95
20) Nitrobenzene	9.05	77	73793	4.111	ng/ul	98
21) Isophorone	9.58	82	142889	3.553	ng/ul	100
23) 2-Nitrophenol	9.76	139	29539	3.762	ng/ul	96
24) 2,4-Dimethylphenol	9.82	107	69840	3.548	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.06	93	86331	3.661	ng/ul	99
27) 2,4-Dichlorophenol	10.29	162	58174	3.508	ng/ul	94
28) Naphthalene	10.70	128	212034	3.846	ng/ul	100
30) 4-Chloroaniline	10.80	127	85086	3.733	ng/ul	98
31) Hexachlorobutadiene	11.00	225	35955	3.520	ng/ul	99
32) Caprolactam	11.59	113	17775	2.880	ng/ul	98
33) 4-Chloro-3-methylphenol	11.92	107	60324	3.297	ng/ul	98
34) 2-Methylnaphthalene	12.32	142	155506	3.744	ng/ul	99

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
Data File : BM022564.D
Acq On : 06 Sep 2019 22:26
Operator : HP/JU
Sample : MDL-S-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Sep 06 23:22:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 05 19:43:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.53	142	146706	3.697 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.68	216	72769	3.574 ng/ul	98
38) Hexachlorocyclopentadiene	12.67	237	34913	2.782 ng/ul	97
39) 2,4,6-Trichlorophenol	12.92	196	38395	3.013 ng/ul	97
40) 2,4,5-Trichlorophenol	12.98	196	46442	3.360 ng/ul	97
41) 1,1'-Biphenyl	13.32	154	201993	3.844 ng/ul	99
42) 2-Chloronaphthalene	13.36	162	155394	3.906 ng/ul	99
43) 2-Nitroaniline	13.56	65	32911	3.543 ng/ul	97
45) Dimethylphthalate	13.95	163	198347	3.822 ng/ul	99
46) 2,6-Dinitrotoluene	14.05	165	26701	3.160 ng/ul#	89
48) Acenaphthylene	14.21	152	246503	3.882 ng/ul	100
49) 3-Nitroaniline	14.37	138	26902	2.936 ng/ul	95
50) Acenaphthene	14.55	153	169214	3.846 ng/ul	99
51) 2,4-Dinitrophenol	14.58	184	12157	3.136 ng/ul#	83
53) 4-Nitrophenol	14.67	109	27816	3.964 ng/ul	86
54) Dibenzofuran	14.89	168	236931	3.880 ng/ul	99
55) 2,4-Dinitrotoluene	14.83	165	42488	3.433 ng/ul#	96
56) 2,3,4,6-Tetrachlorophenol	15.11	232	33543	2.922 ng/ul	98
57) Diethylphthalate	15.31	149	195182	3.635 ng/ul	99
59) Fluorene	15.53	166	195359	3.888 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.53	204	94303	3.793 ng/ul	96
61) 4-Nitroaniline	15.53	138	30445	2.916 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.60	198	21400	3.108 ng/ul#	75
65) N-Nitrosodiphenylamine	15.74	169	166617	3.729 ng/ul	100
66) 4-Bromophenyl-phenylether	16.42	248	55060	3.366 ng/ul	92
67) Hexachlorobenzene	16.54	284	65248	3.619 ng/ul	98
68) Atrazine	16.69	200	51861	3.019 ng/ul	96
69) Pentachlorophenol	16.87	266	24481	2.461 ng/ul	96
70) Phenanthrene	17.27	178	309239	3.857 ng/ul	98
72) Anthracene	17.36	178	313612	3.808 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.29	216	73875	3.624 ng/uL	99
74) Pentachlorobenzene	14.81	250	75436	3.671 ng/uL	99
75) Carbazole	17.62	167	280080	3.784 ng/ul	99
76) Di-n-butylphthalate	18.20	149	289258	3.086 ng/ul	99
77) Fluoranthene	19.28	202	340148	3.739 ng/ul	99
80) Pyrene	19.64	202	376629	3.816 ng/ul	99
81) Butylbenzylphthalate	20.54	149	111361	2.676 ng/ul	93
82) 3,3'-Dichlorobenzidine	21.32	252	85358	2.461 ng/ul	98
83) Benzo(a)anthracene	21.39	228	374800	3.704 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.33	149	175629	2.781 ng/ul	98
85) Chrysene	21.44	228	352723	3.788 ng/ul	99
87) Di-n-octyl phthalate	22.23	149	274939	2.395 ng/ul	100
88) Benzo(b)fluoranthene	23.00	252	363034	3.441 ng/ul	98
89) Benzo(k)fluoranthene	23.04	252	379055	3.698 ng/ul	99
91) Benzo(a)pyrene	23.59	252	377601	3.752 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.02	276	434975	3.741 ng/ul	97
93) Dibenzo(a,h)anthracene	26.04	278	369927	3.823 ng/ul	100
94) Benzo(g,h,i)perylene	26.73	276	356714	3.735 ng/ul	99

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
Data File : BM022564.D
Acq On : 06 Sep 2019 22:26
Operator : HP/JU
Sample : MDL-S-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 06 23:22:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 05 19:43:58 2019
Response via : Initial Calibration

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

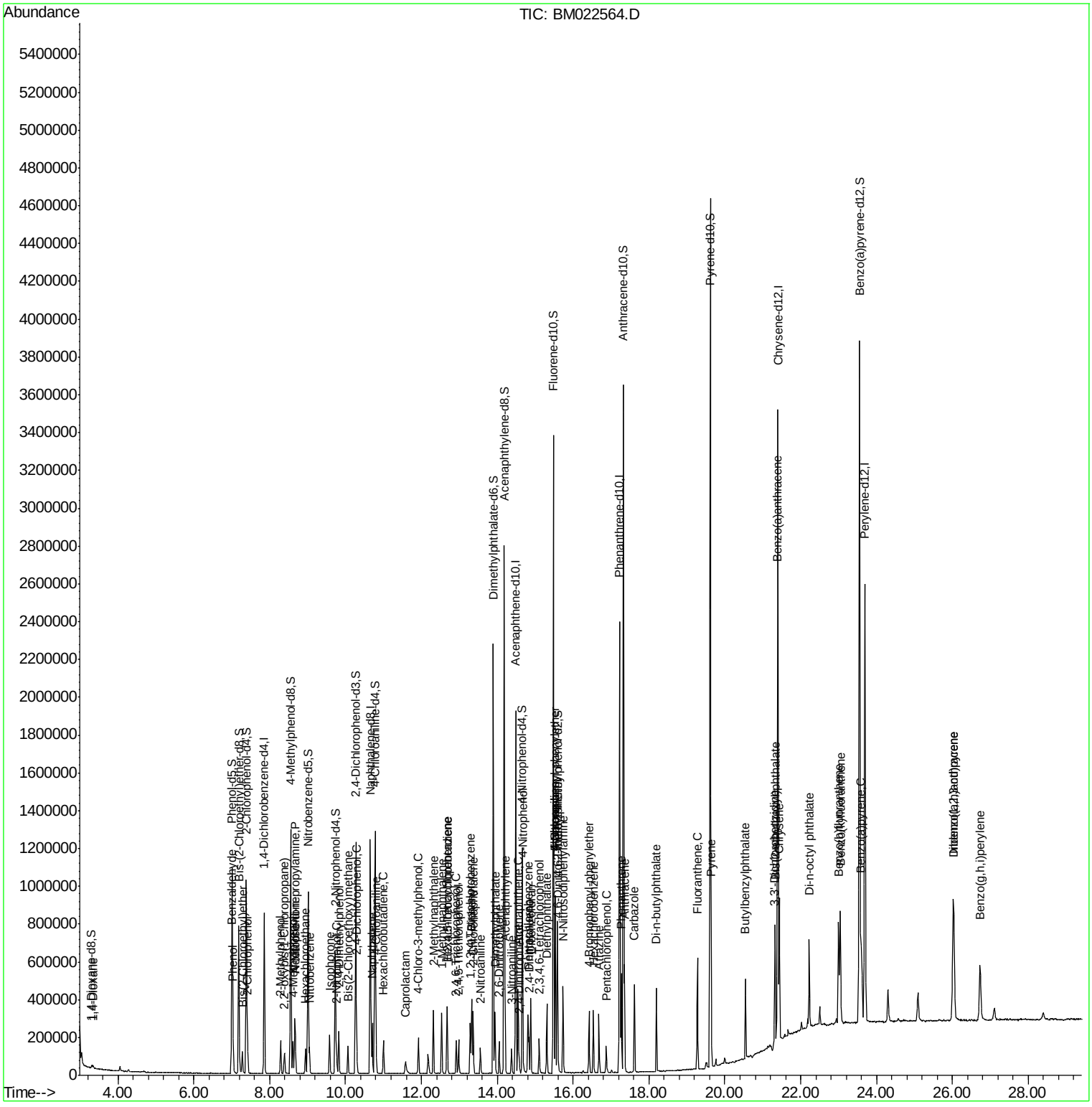
(#) = qualifier out of range (m) = manual integration (+) = signals summed

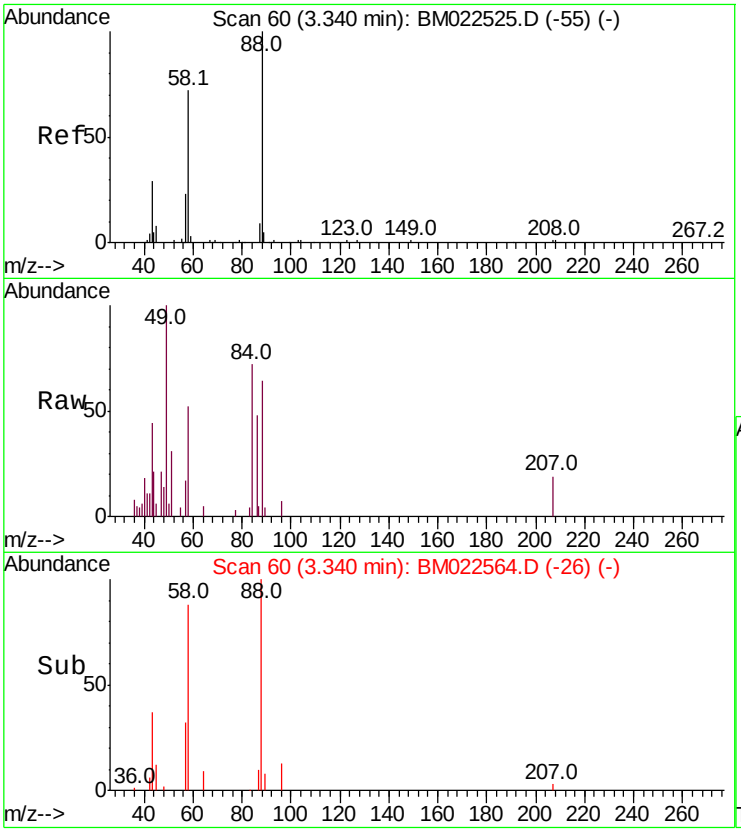
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090619\
Data File : BM022564.D
Acq On : 06 Sep 2019 22:26
Operator : HP/JU
Sample : MDL-S-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 06 23:22:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 05 19:43:58 2019
Response via : Initial Calibration



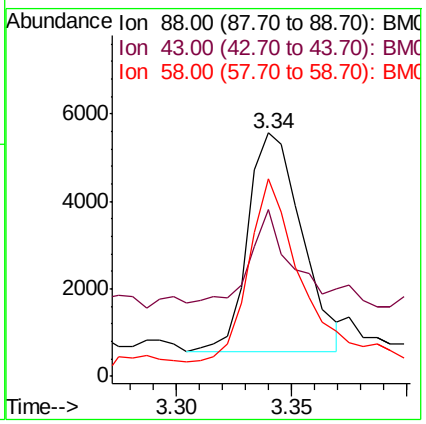


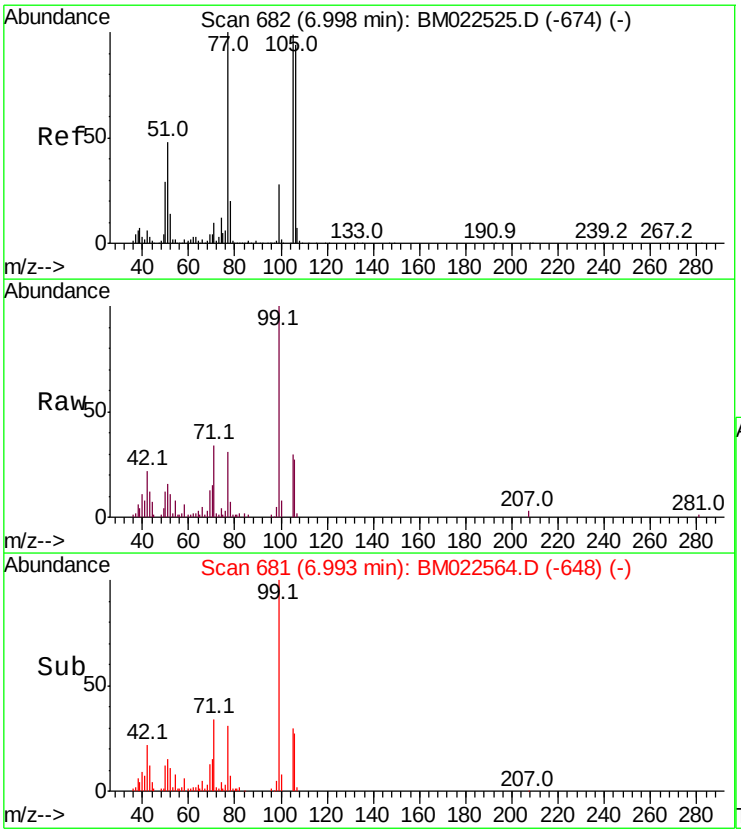
#2
1,4-Dioxane
Concen: 1.525 ng/uL
RT: 3.34 min Scan# 60
Delta R.T. 0.00 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 8068

Ion	Ratio	Lower	Upper
88	100		
43	68.5	37.9	56.9#
58	81.0	59.4	89.0

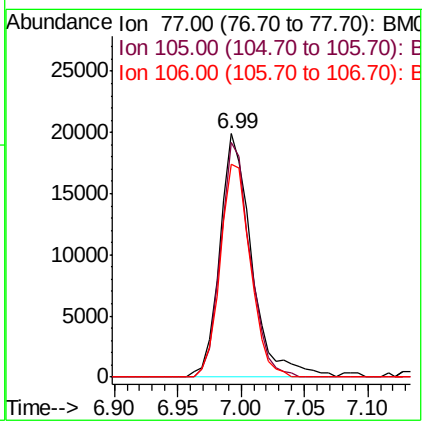


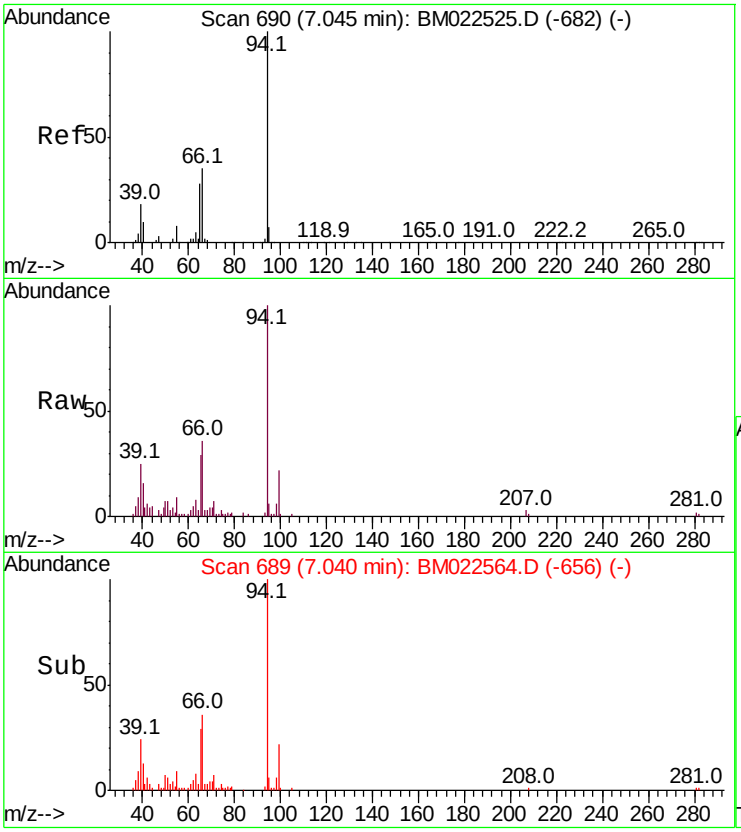


#4
Benzaldehyde
Concen: 3.280 ng/ul
RT: 6.99 min Scan# 681
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion: 77 Resp: 34623

Ion	Ratio	Lower	Upper
77	100		
105	96.6	79.0	118.6
106	87.4	75.1	112.7



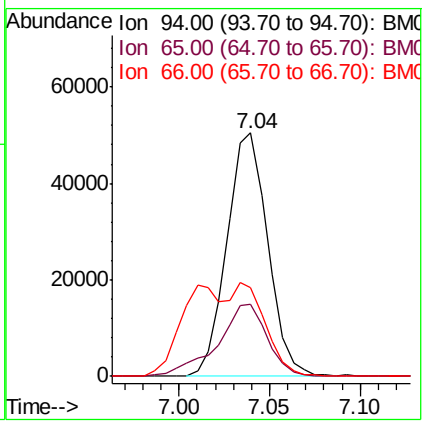


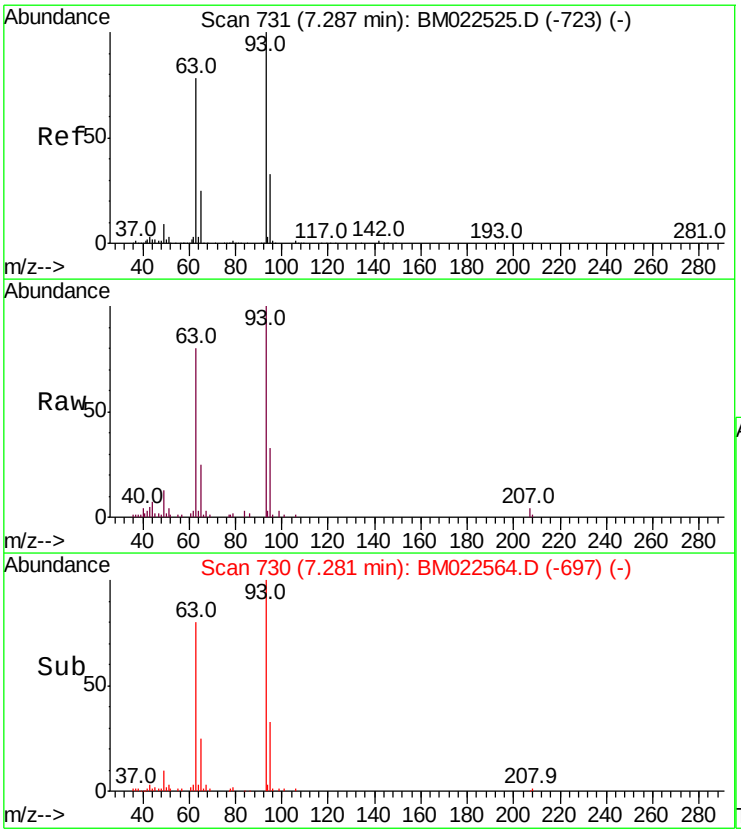
#6
Phenol
Concen: 3.759 ng/ul
RT: 7.04 min Scan# 689
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 79412

Ion	Ratio	Lower	Upper
94	100		
65	29.4	22.8	34.2
66	36.3	29.1	43.7

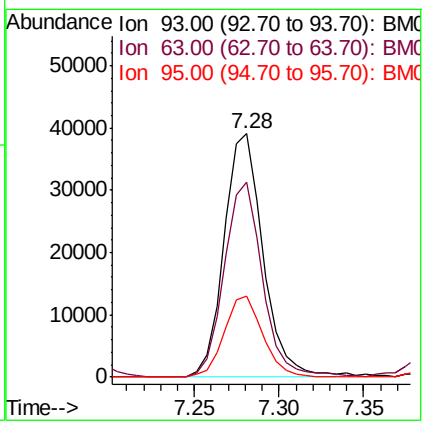


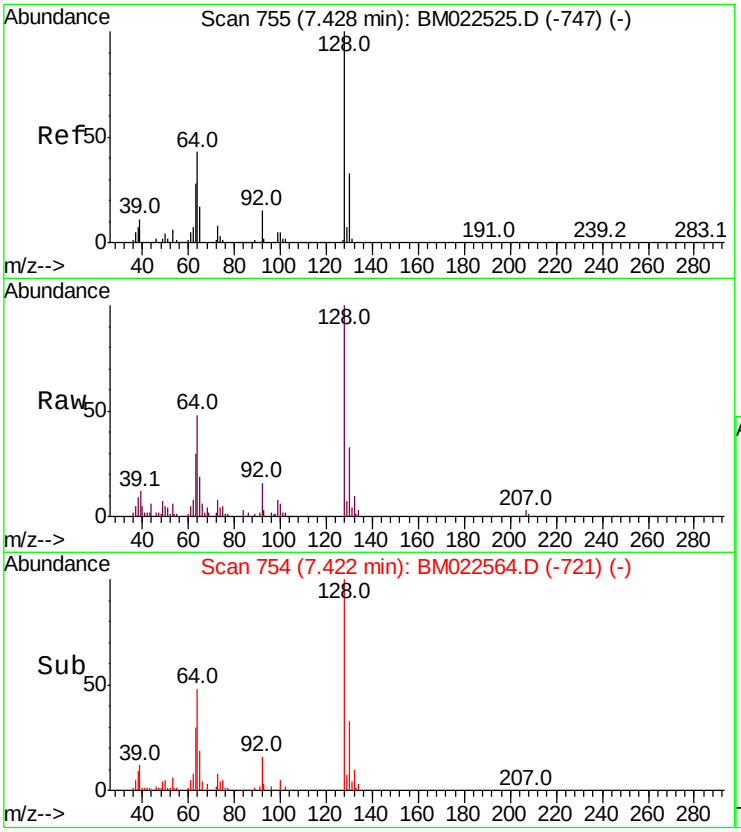


#8
Bis(2-Chloroethyl)ether
Concen: 3.907 ng/ul
RT: 7.28 min Scan# 730
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion: 93 Resp: 62688

Ion	Ratio	Lower	Upper
93	100		
63	79.9	62.2	93.2
95	33.4	26.6	39.8



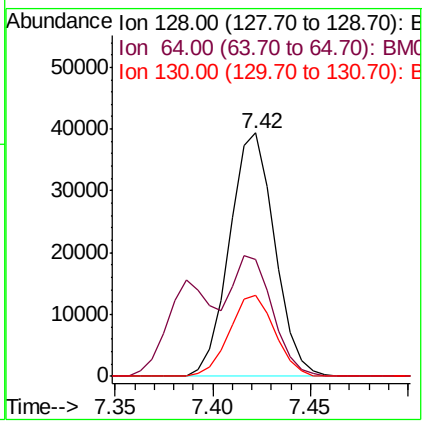


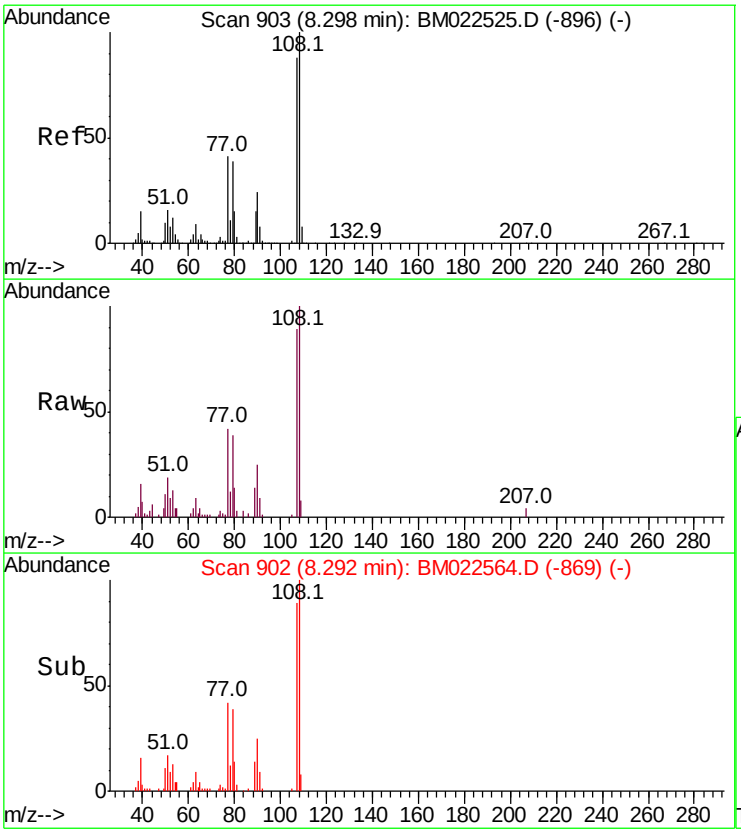
#10
2-Chlorophenol
Concen: 3.767 ng/ul
RT: 7.42 min Scan# 754
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 63227

Ion	Ratio	Lower	Upper
128	100		
64	48.2	36.0	54.0
130	33.3	26.1	39.1

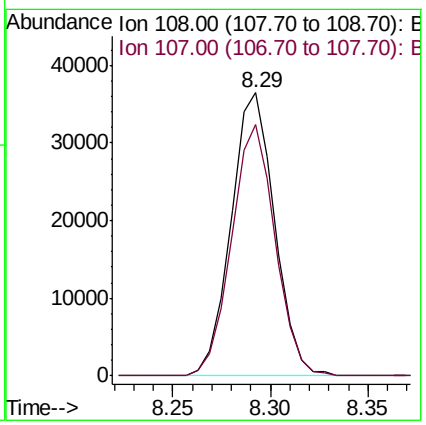


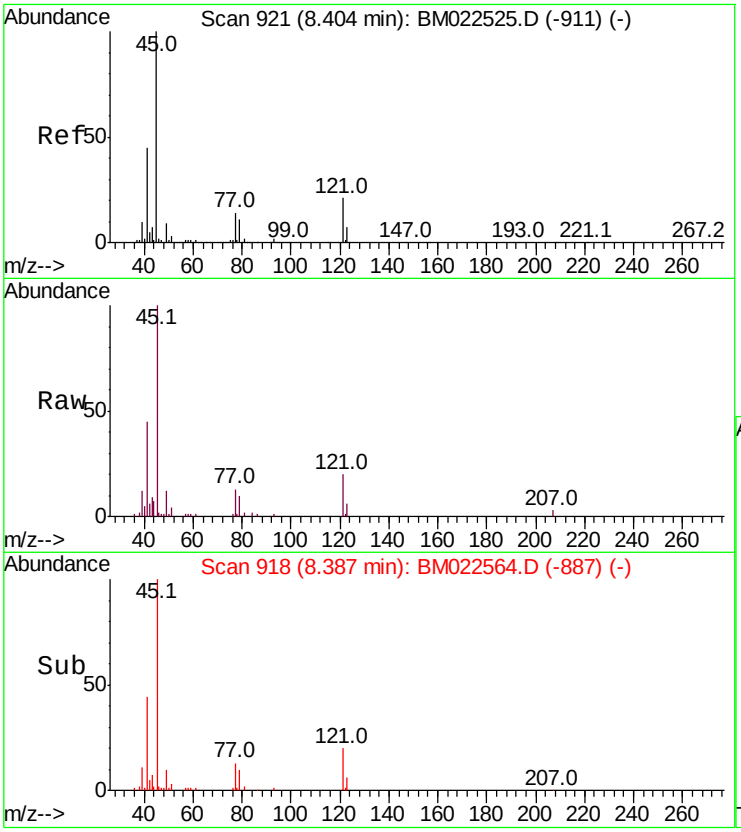


#11
2-Methylphenol
Concen: 3.411 ng/ul
RT: 8.29 min Scan# 902
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion:108 Resp: 56226

Ion	Ratio	Lower	Upper
108	100		
107	89.0	70.7	106.1



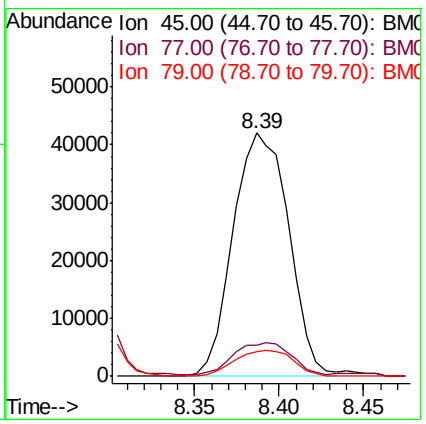


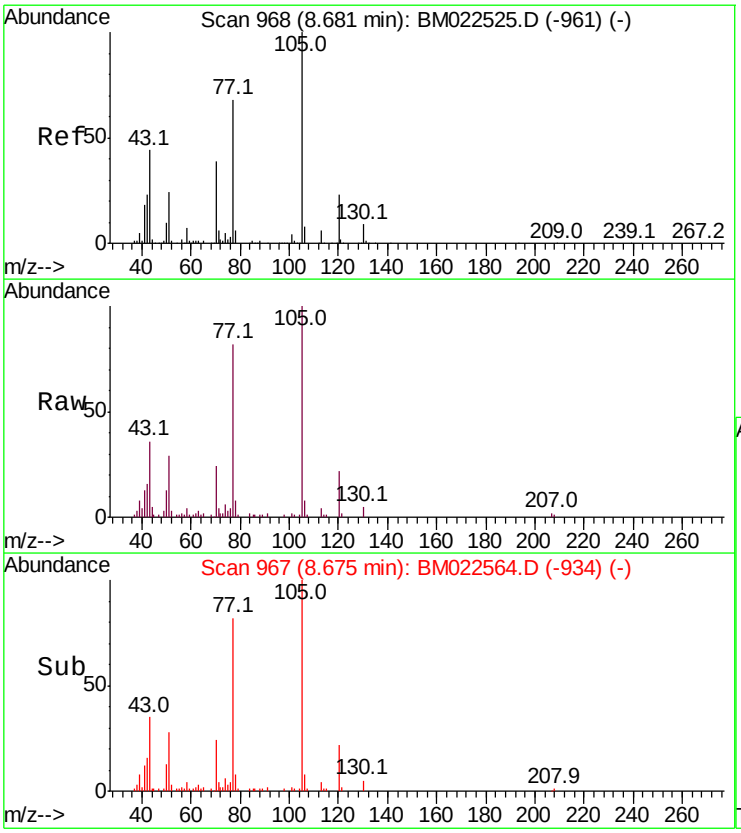
#12
2,2'-oxybis(1-Chloropropane)
Concen: 4.058 ng/ul
RT: 8.39 min Scan# 918
Delta R.T. -0.02 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 45 Resp: 95752

Ion	Ratio	Lower	Upper
45	100		
77	12.9	11.6	17.4
79	9.9	9.0	13.6

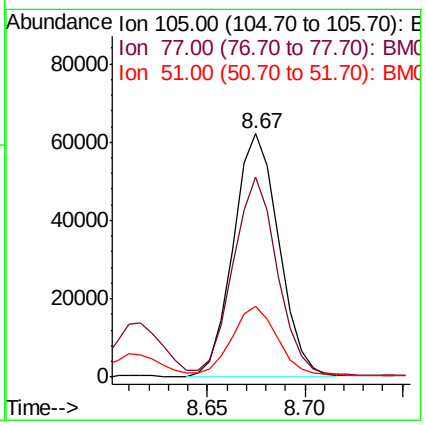


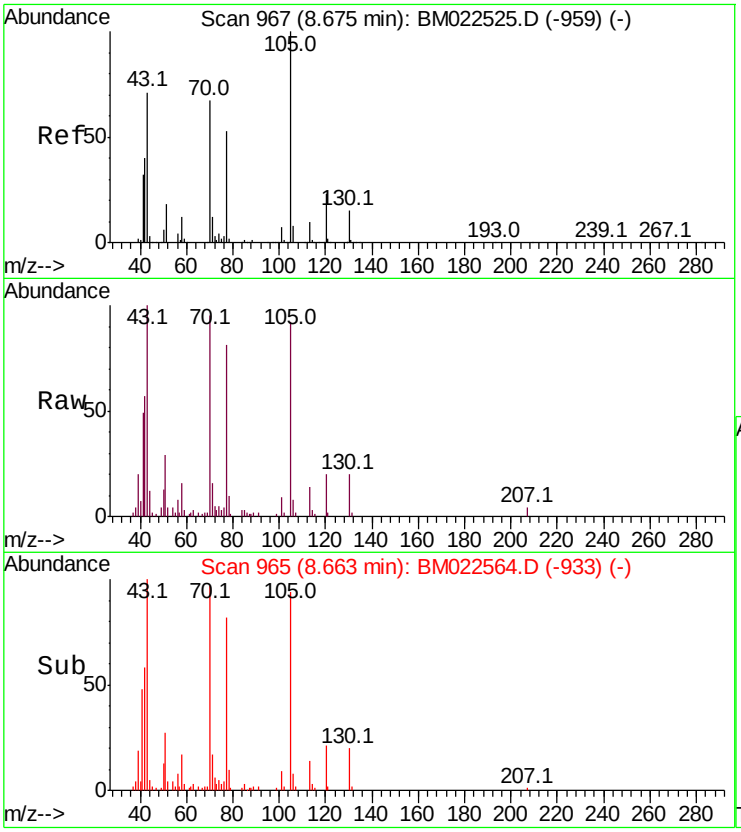


#14
Acetophenone
Concen: 3.926 ng/ul
RT: 8.67 min Scan# 967
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion:105 Resp: 100677

Ion	Ratio	Lower	Upper
105	100		
77	82.3	62.1	93.1
51	29.0	21.8	32.6



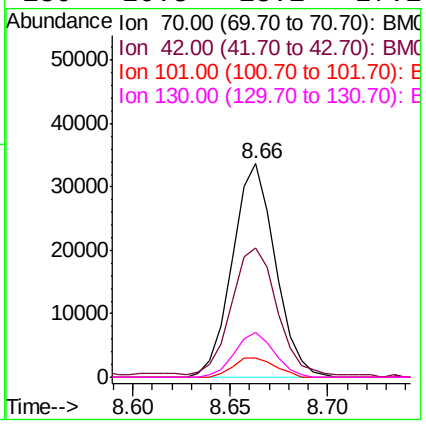


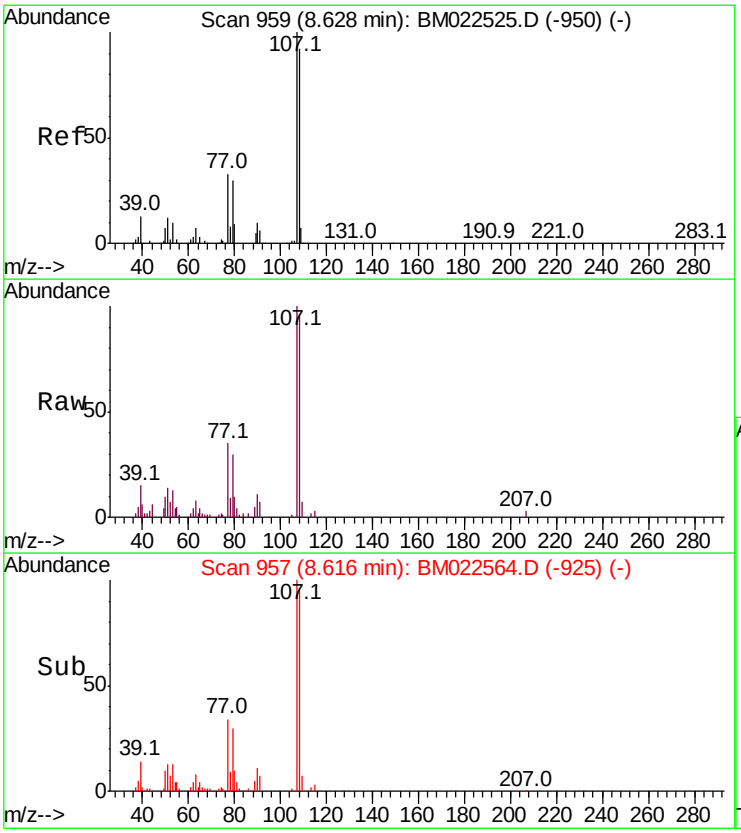
#15
N-Nitroso-di-n-propylamine
Concen: 3.706 ng/ul
RT: 8.66 min Scan# 965
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 70 Resp: 51333

Ion	Ratio	Lower	Upper
70	100		
42	60.3	48.3	72.5
101	9.2	8.2	12.2
130	20.8	18.1	27.1

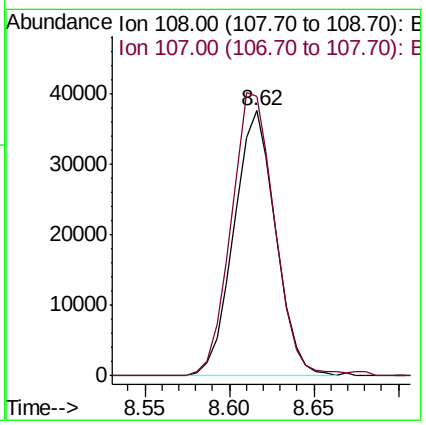


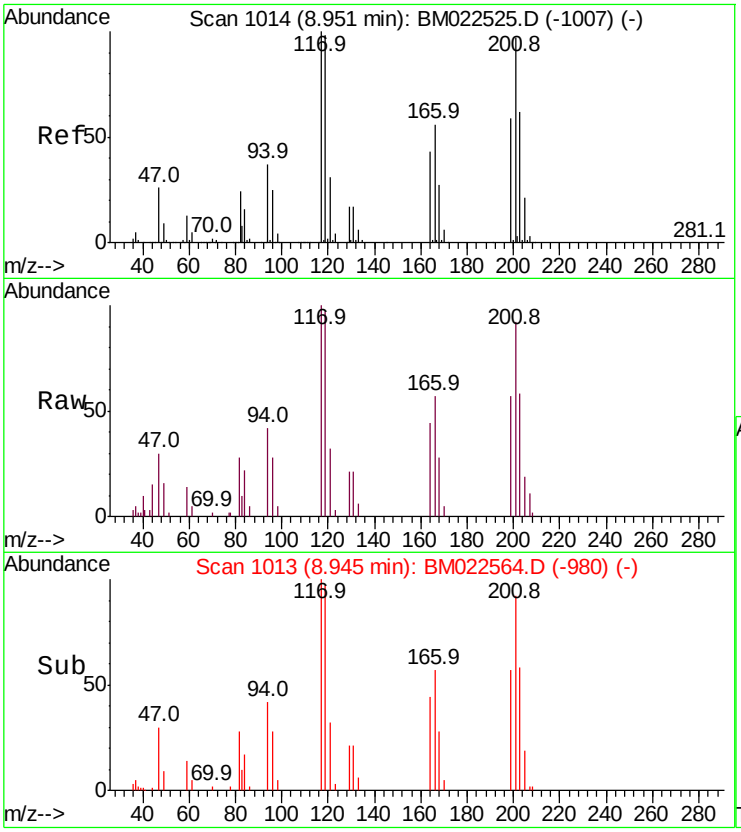


#16
4-Methylphenol
Concen: 3.644 ng/ul
RT: 8.62 min Scan# 957
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion:108 Resp: 64871

Ion	Ratio	Lower	Upper
108	100		
107	105.8	87.2	130.8



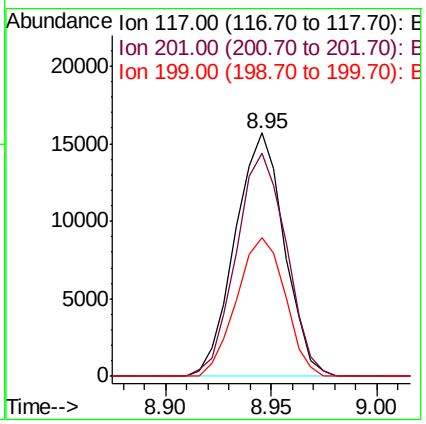


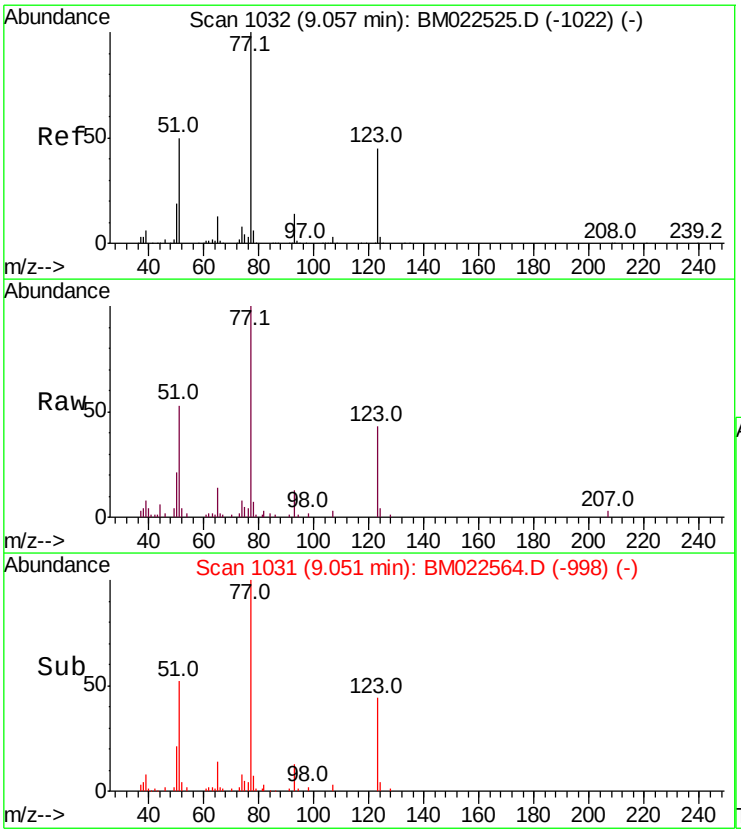
#17
Hexachloroethane
Concen: 3.817 ng/ul
RT: 8.95 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 25379

Ion	Ratio	Lower	Upper
117	100		
201	91.6	77.6	116.4
199	57.0	47.6	71.4

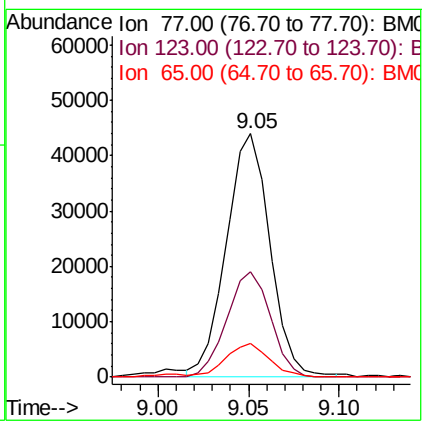


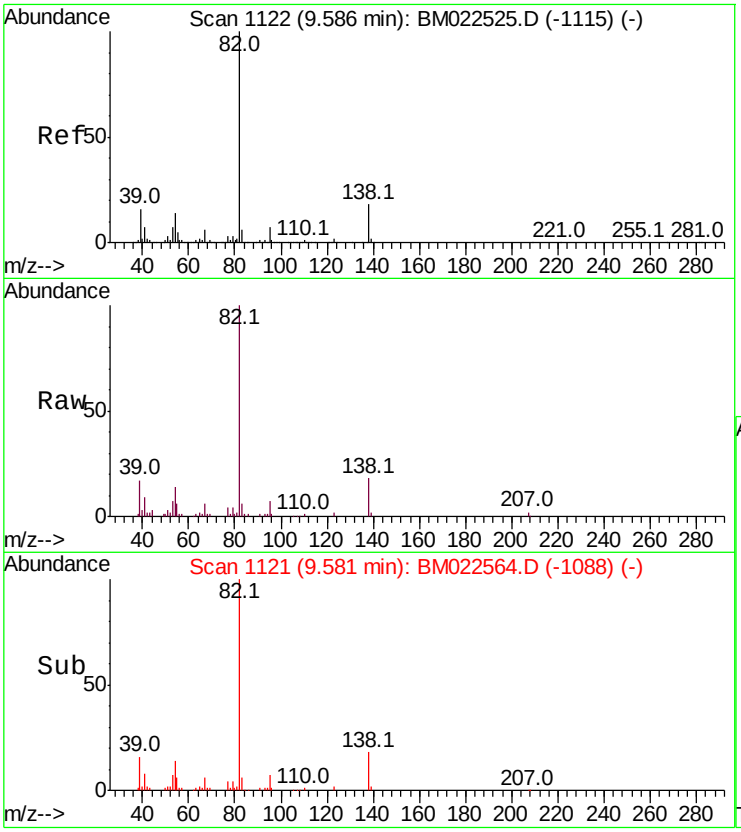


#20
Nitrobenzene
Concen: 4.111 ng/ul
RT: 9.05 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion: 77 Resp: 73793

Ion	Ratio	Lower	Upper
77	100		
123	43.2	35.8	53.6
65	13.8	10.5	15.7



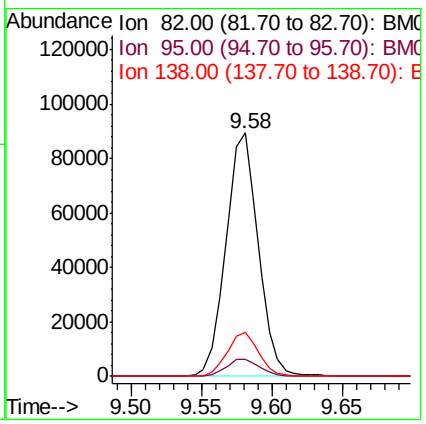


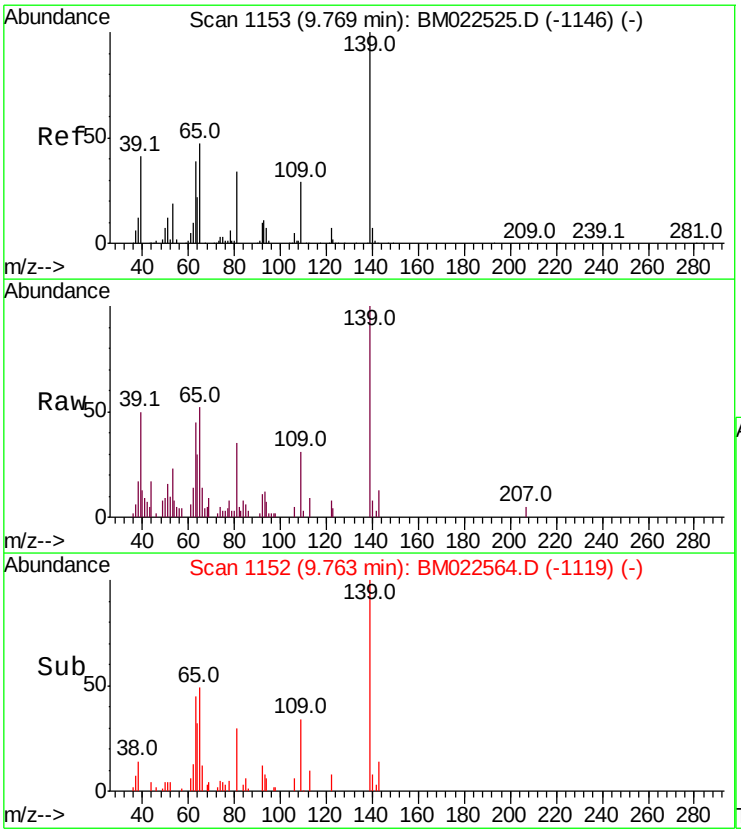
#21
Isophorone
Concen: 3.553 ng/ul
RT: 9.58 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 142889

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	17.9	14.4	21.6

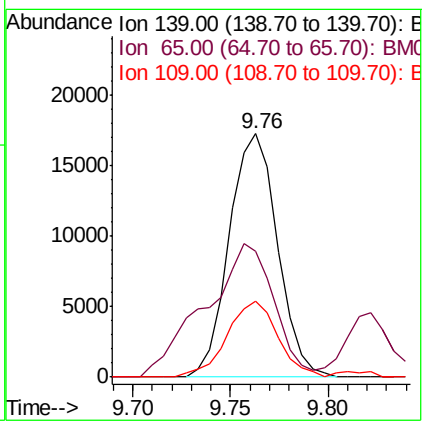


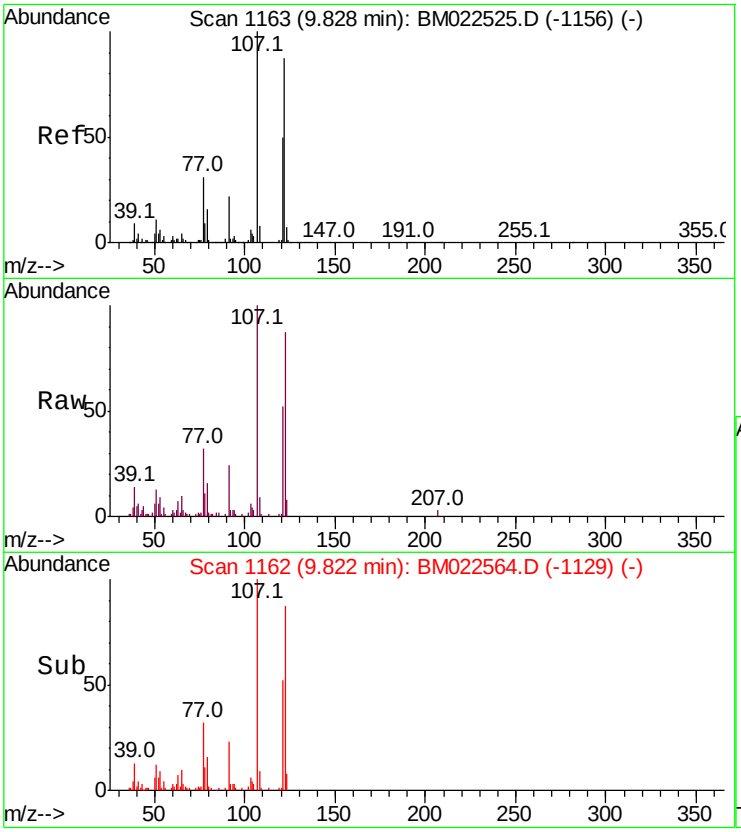


#23
2-Nitrophenol
Concen: 3.762 ng/ul
RT: 9.76 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion:139 Resp: 29539

Ion	Ratio	Lower	Upper
139	100		
65	51.8	39.3	58.9
109	31.3	23.5	35.3



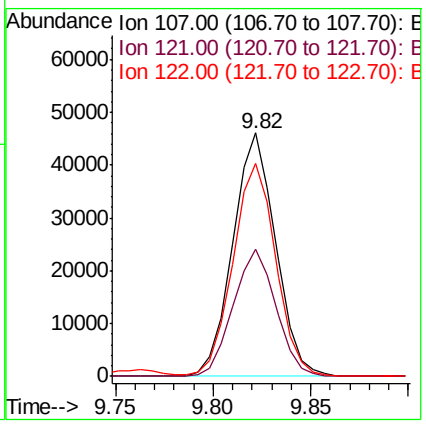


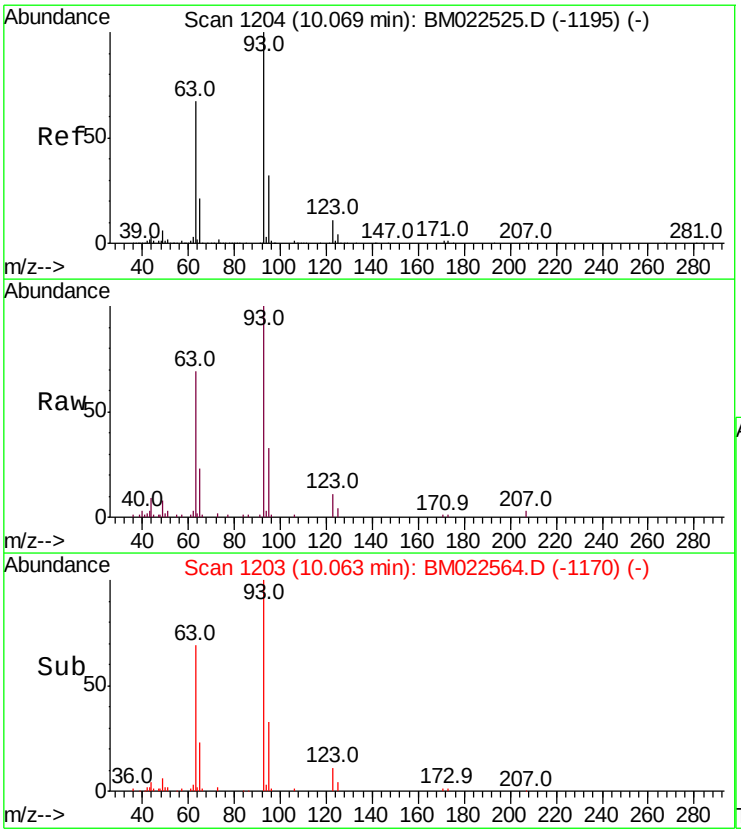
#24
2,4-Dimethylphenol
Concen: 3.548 ng/ul
RT: 9.82 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 69840

Ion	Ratio	Lower	Upper
107	100		
121	52.0	40.2	60.4
122	87.3	70.2	105.2

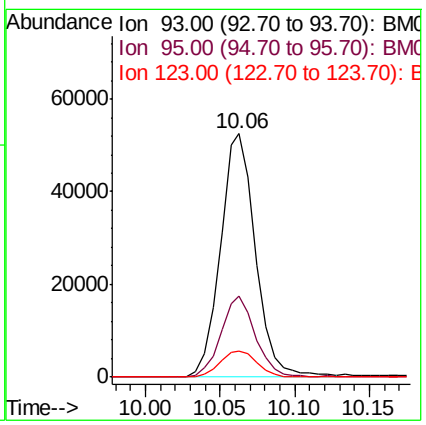


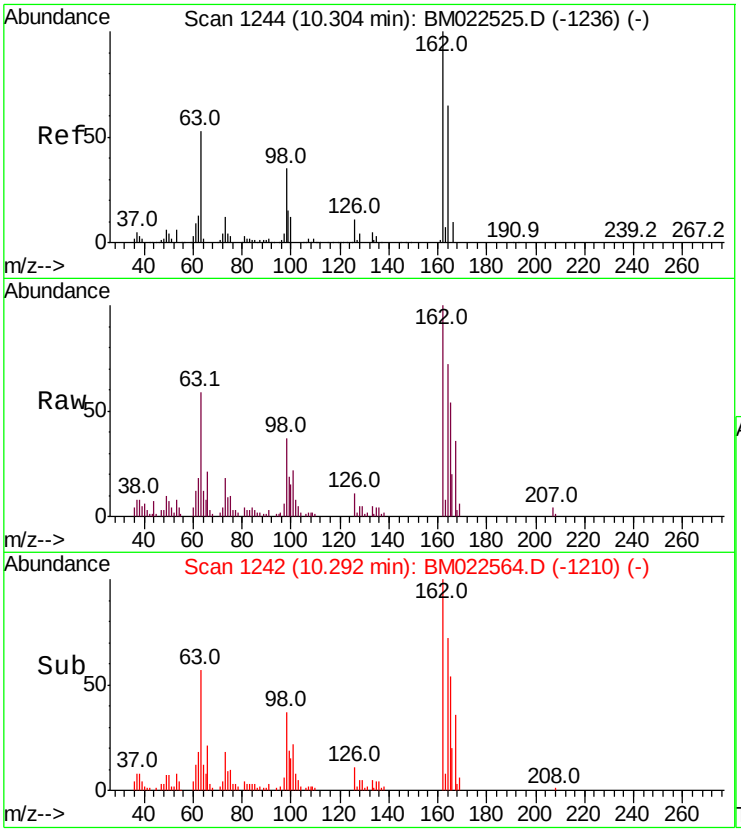


#25
Bis(2-Chloroethoxy)methane
Concen: 3.661 ng/ul
RT: 10.06 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion: 93 Resp: 86331

Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.1	39.1
123	10.7	9.2	13.8



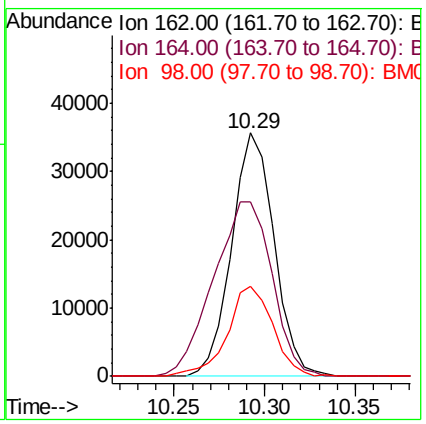


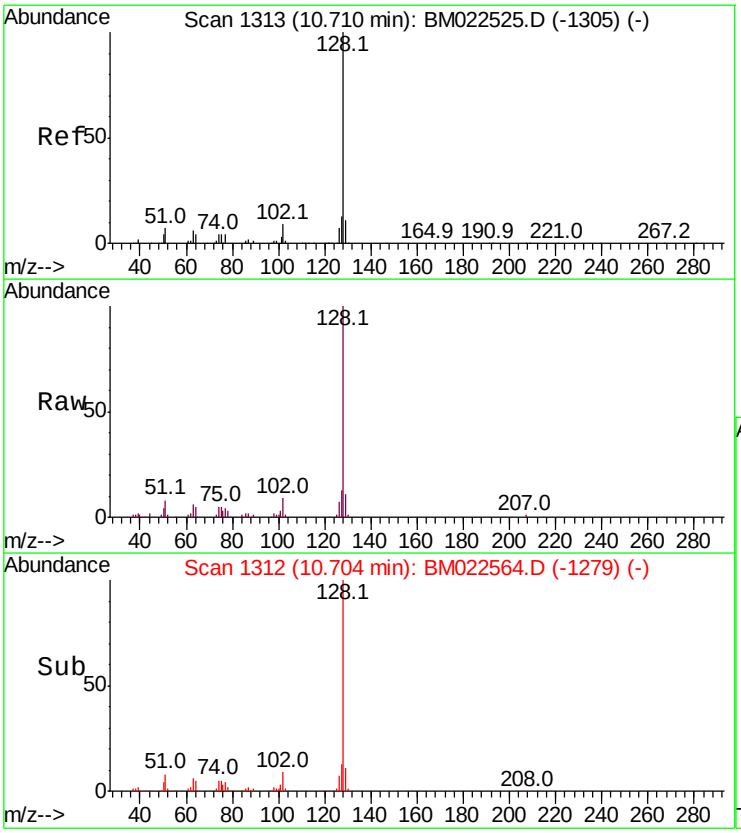
#27
2,4-Dichlorophenol
Concen: 3.508 ng/ul
RT: 10.29 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:162 Resp: 58174

Ion	Ratio	Lower	Upper
162	100		
164	71.9	52.1	78.1
98	37.0	28.9	43.3

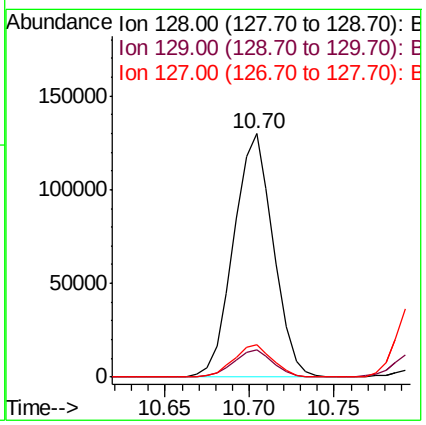


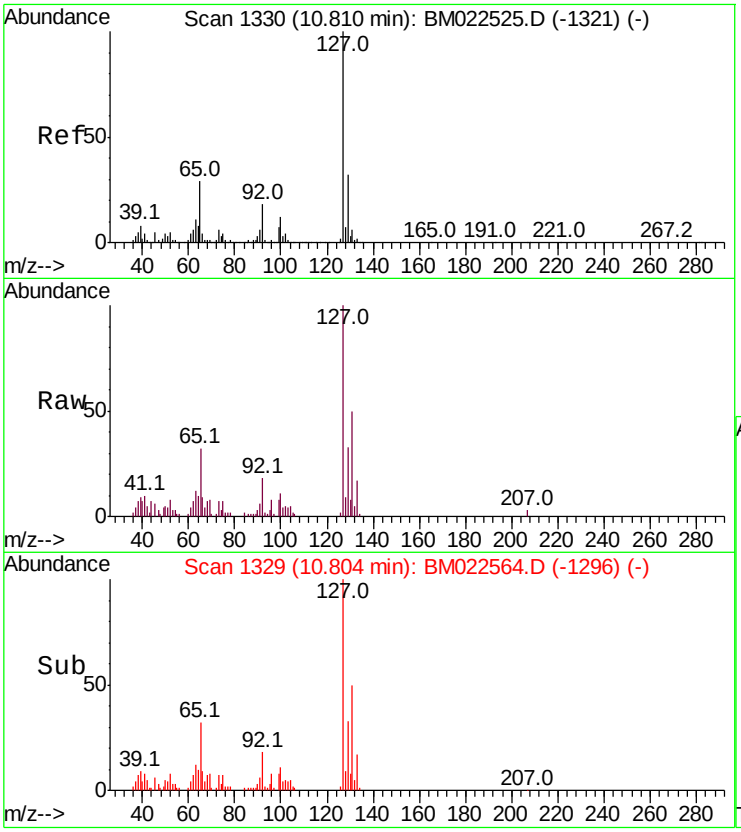


#28
Naphthalene
Concen: 3.846 ng/ul
RT: 10.70 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion:128 Resp: 212034

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.4	10.6	16.0



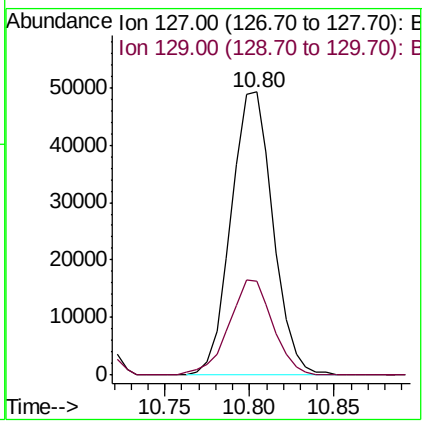


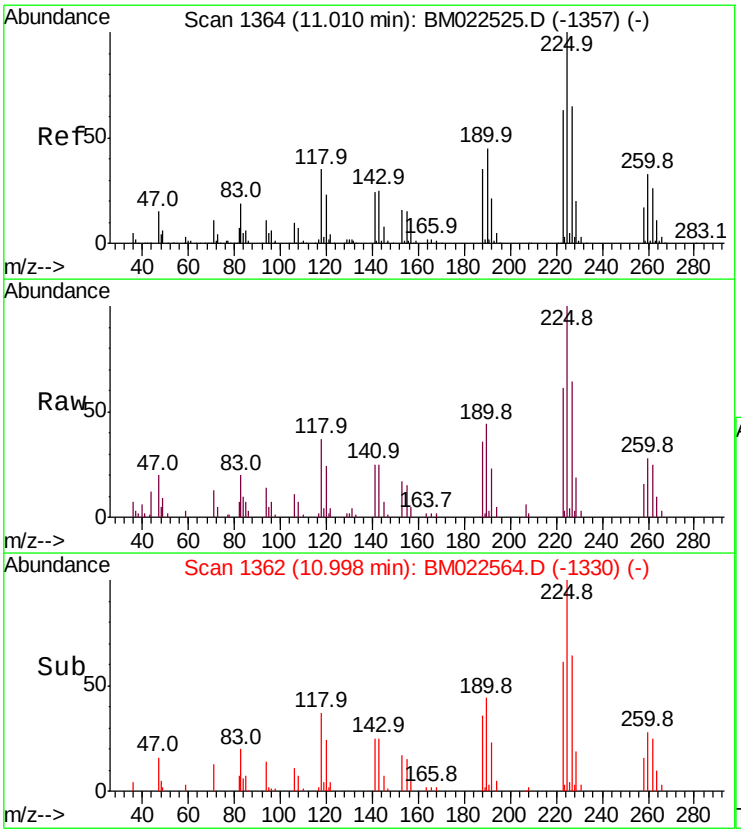
#30
4-Chloroaniline
Concen: 3.733 ng/ul
RT: 10.80 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp: 85086

Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.4	38.2

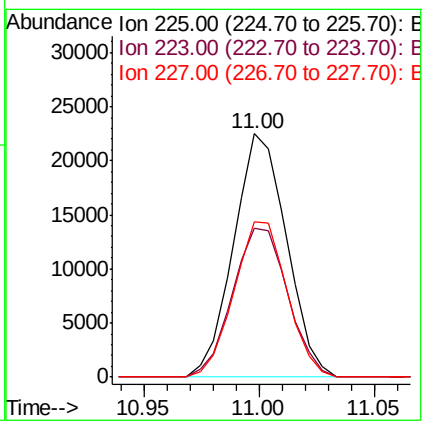


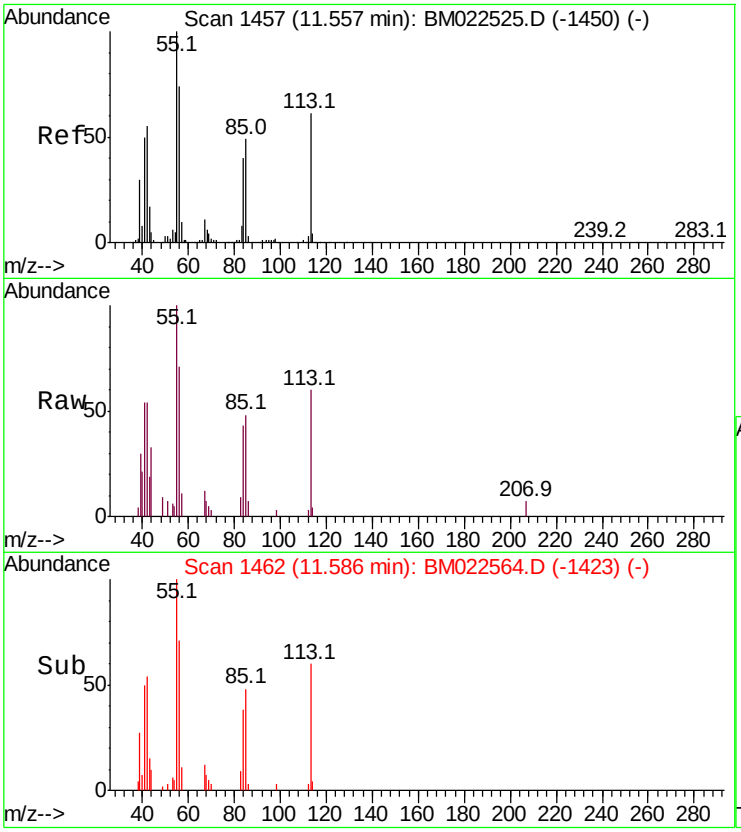


#31
Hexachlorobutadiene
Concen: 3.520 ng/ul
RT: 11.00 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion:225 Resp: 35955

Ion	Ratio	Lower	Upper
225	100		
223	61.0	50.1	75.1
227	64.0	51.8	77.8



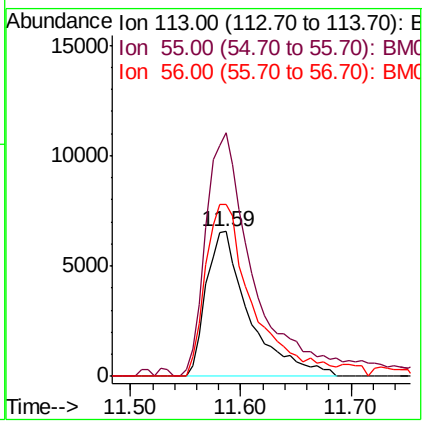


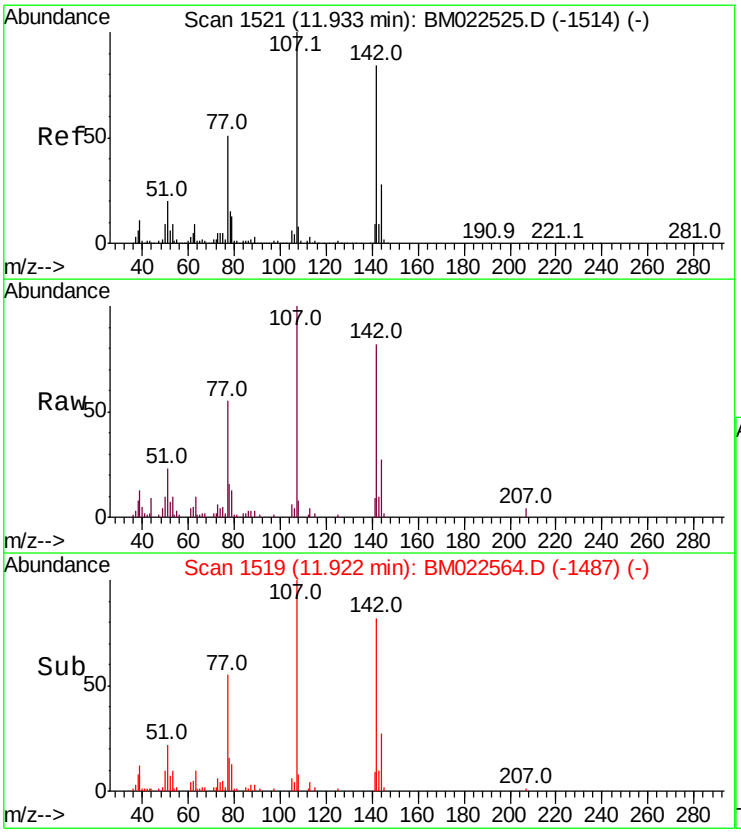
#32
Caprolactam
Concen: 2.880 ng/ul
RT: 11.59 min Scan# 1462
Delta R.T. 0.03 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:113 Resp: 17775

Ion	Ratio	Lower	Upper
113	100		
55	167.9	135.6	203.4
56	118.5	98.4	147.6

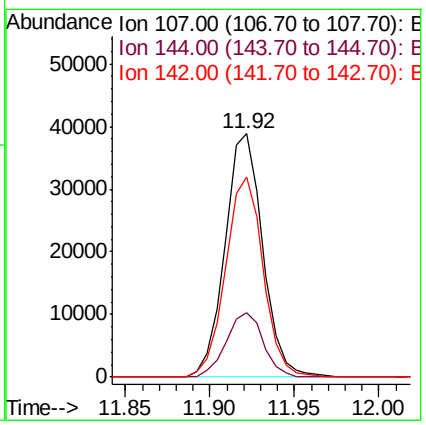


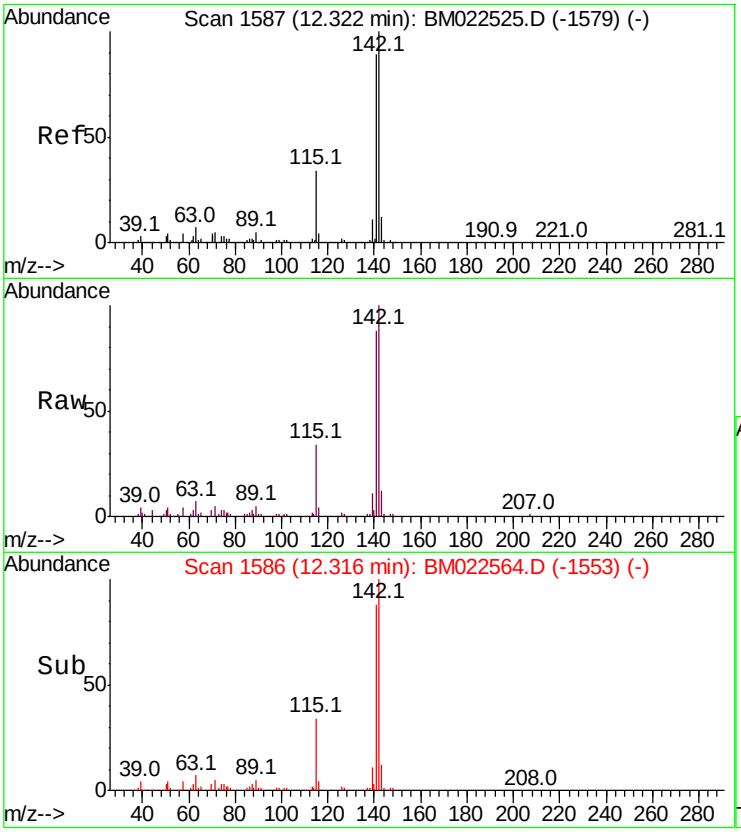


#33
4-Chloro-3-methylphenol
Concen: 3.297 ng/ul
RT: 11.92 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion:107 Resp: 60324

Ion	Ratio	Lower	Upper
107	100		
144	26.6	22.6	34.0
142	82.0	67.0	100.4



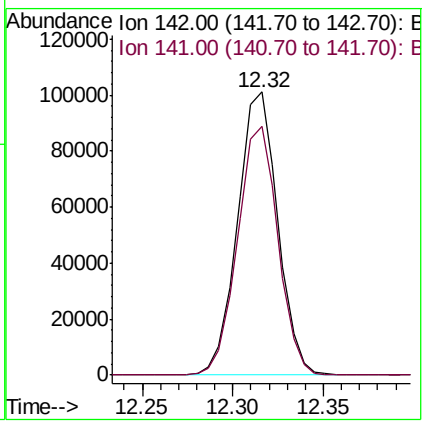


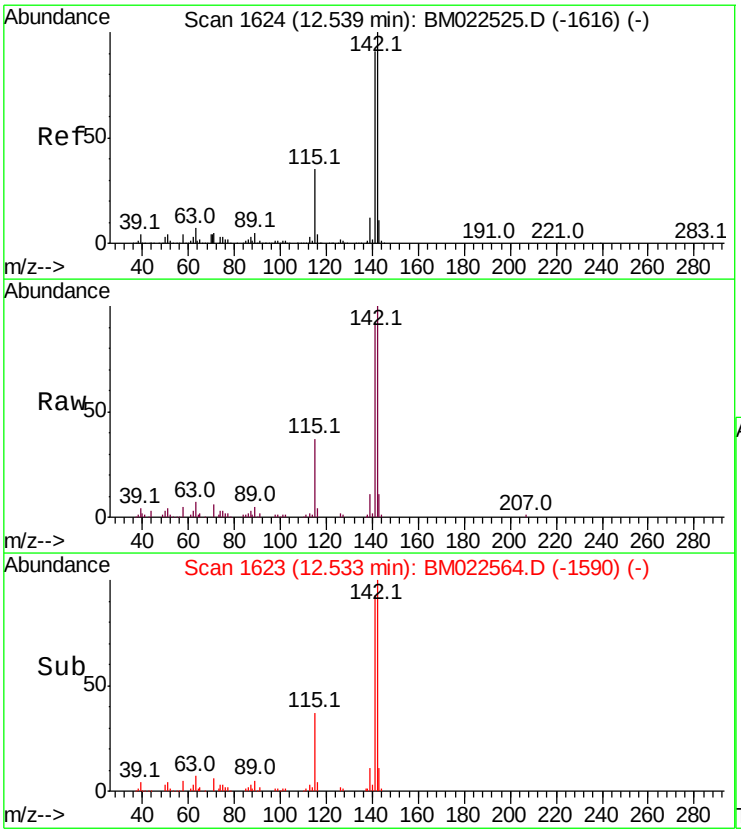
#34
2-Methylnaphthalene
Concen: 3.744 ng/ul
RT: 12.32 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 155506

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.0	106.4

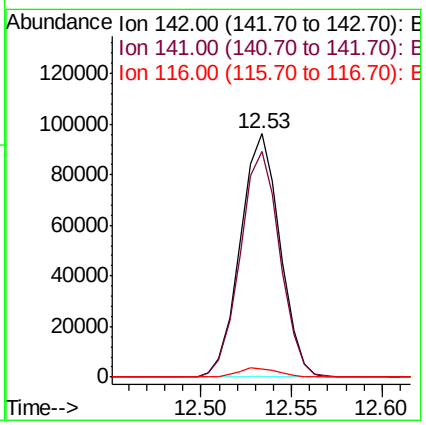


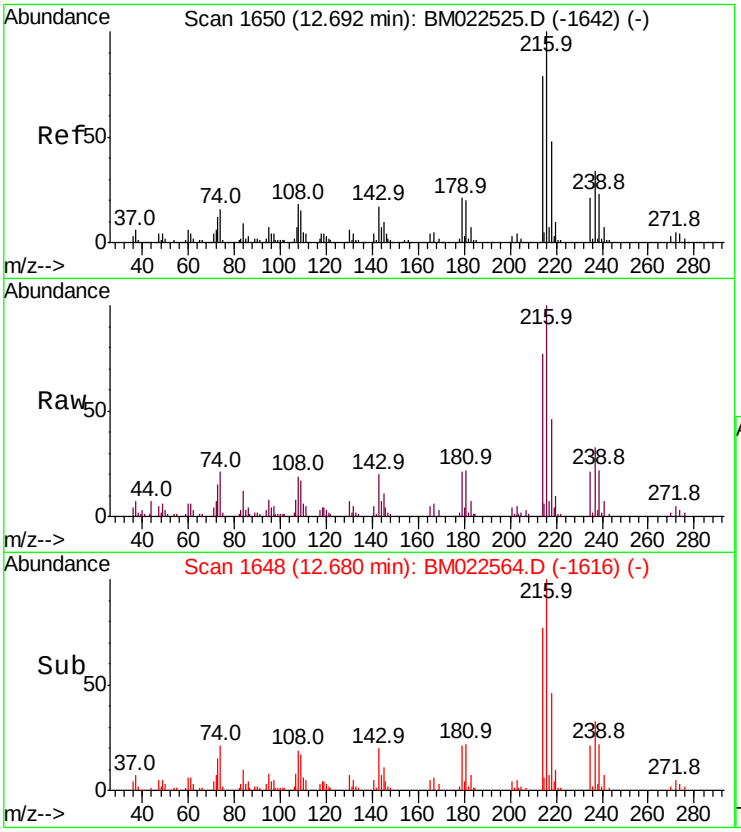


#35
1-Methylnaphthalene
Concen: 3.697 ng/ul
RT: 12.53 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion:142 Resp: 146706

Ion	Ratio	Lower	Upper
142	100		
141	92.5	72.6	108.8
116	3.5	3.0	4.4



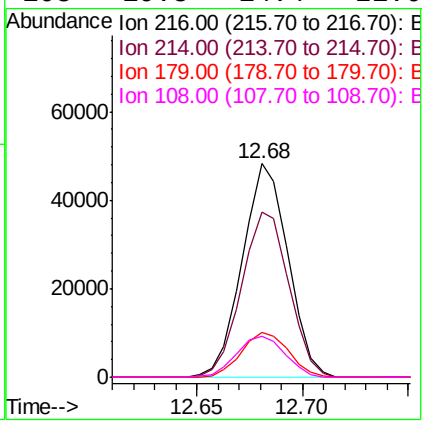


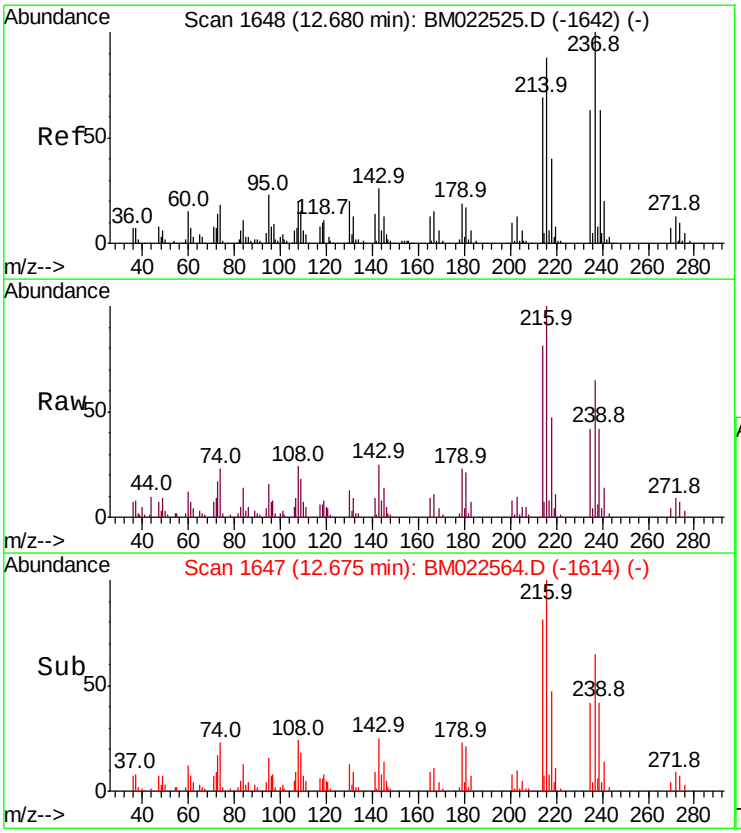
#37
1,2,4,5-Tetrachlorobenzene
Concen: 3.574 ng/ul
RT: 12.68 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:216 Resp: 72769

Ion	Ratio	Lower	Upper
216	100		
214	77.3	63.4	95.0
179	20.9	16.7	25.1
108	19.3	14.4	21.6

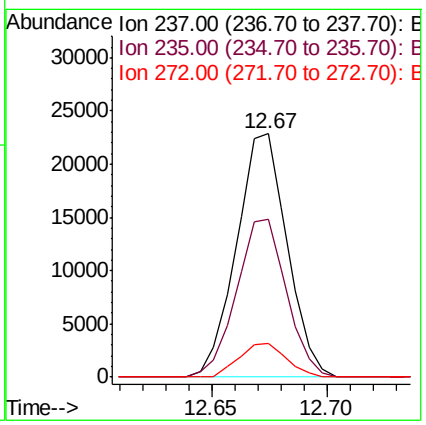


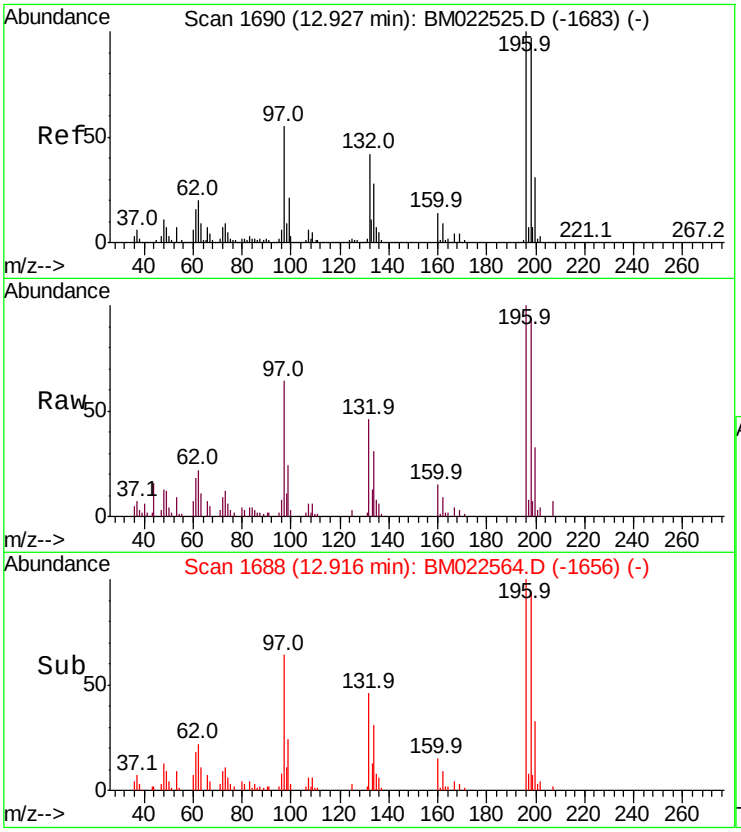


#38
Hexachlorocyclopentadiene
Concen: 2.782 ng/ul
RT: 12.67 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion:237 Resp: 34913

Ion	Ratio	Lower	Upper
237	100		
235	65.0	50.1	75.1
272	14.0	10.2	15.4



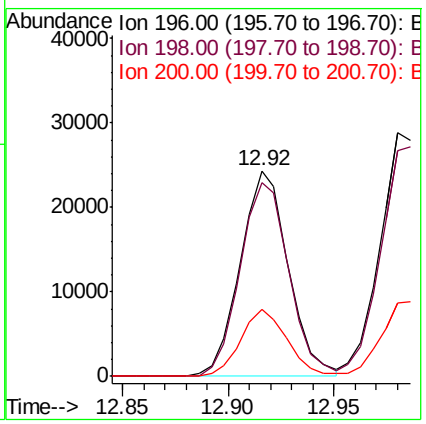


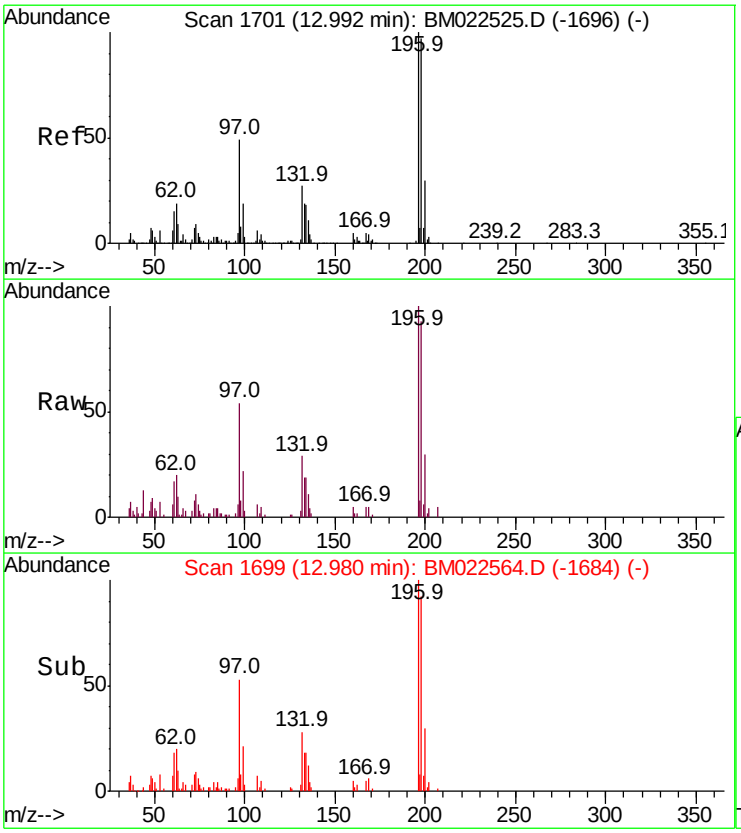
#39
2,4,6-Trichlorophenol
Concen: 3.013 ng/ul
RT: 12.92 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:196 Resp: 38395

Ion	Ratio	Lower	Upper
196	100		
198	94.1	77.7	116.5
200	32.9	24.6	37.0

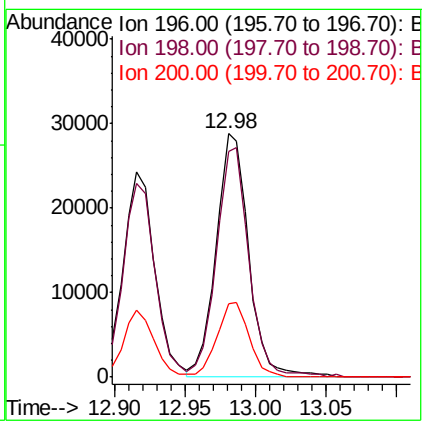


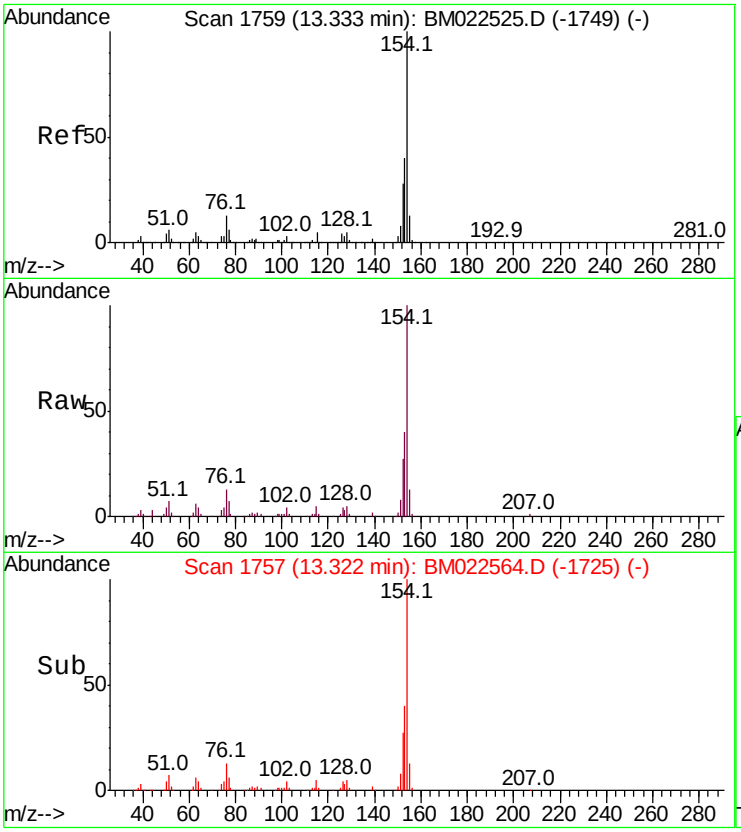


#40
2,4,5-Trichlorophenol
Concen: 3.360 ng/ul
RT: 12.98 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion:196 Resp: 46442

Ion	Ratio	Lower	Upper
196	100		
198	92.6	77.4	116.0
200	30.3	24.0	36.0



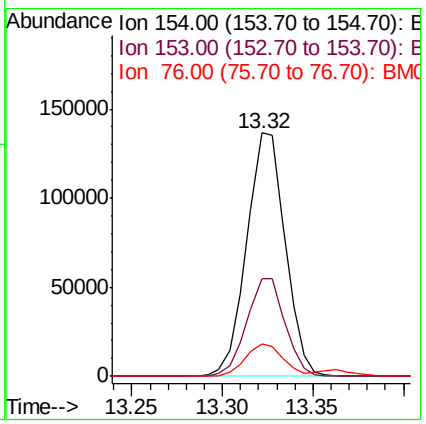


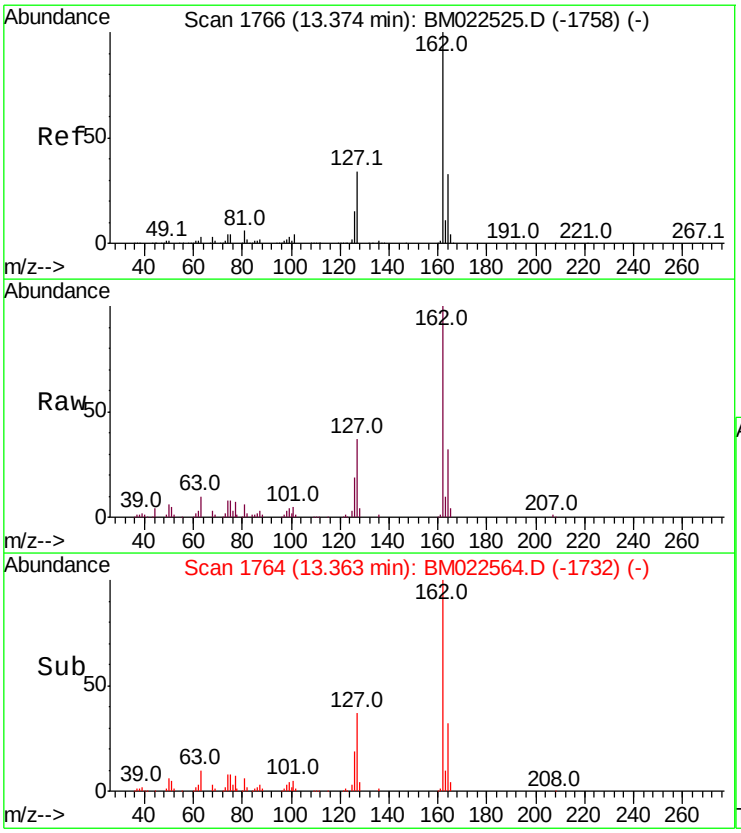
#41
1,1'-Biphenyl
Concen: 3.844 ng/ul
RT: 13.32 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 201993

Ion	Ratio	Lower	Upper
154	100		
153	40.2	32.1	48.1
76	13.4	10.2	15.2

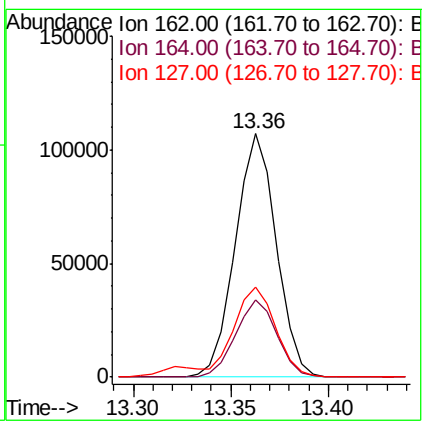


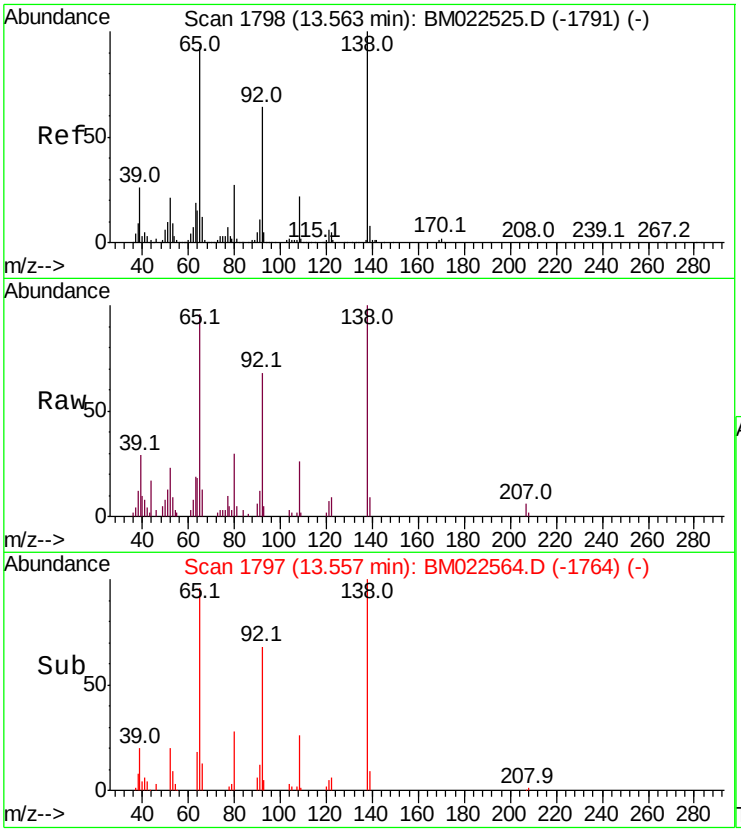


#42
2-Chloronaphthalene
Concen: 3.906 ng/ul
RT: 13.36 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion:162 Resp: 155394

Ion	Ratio	Lower	Upper
162	100		
164	31.8	26.1	39.1
127	36.8	30.1	45.1



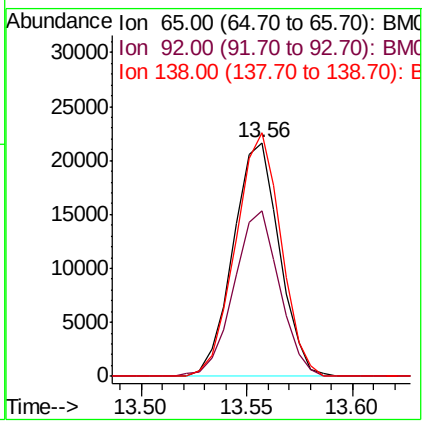


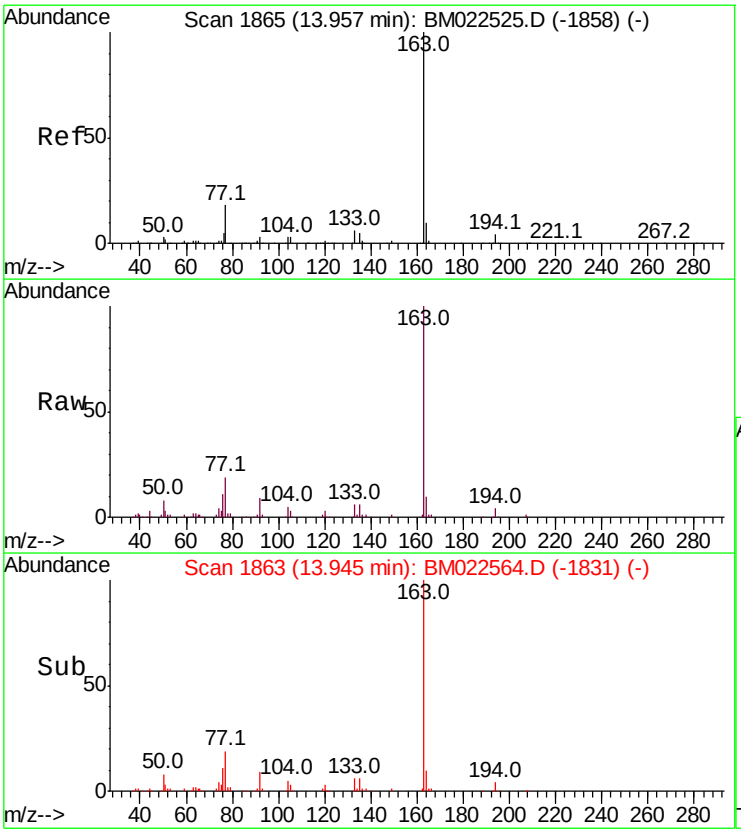
#43
2-Nitroaniline
Concen: 3.543 ng/ul
RT: 13.56 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 65 Resp: 32911

Ion	Ratio	Lower	Upper
65	100		
92	71.0	55.7	83.5
138	104.1	86.0	129.0

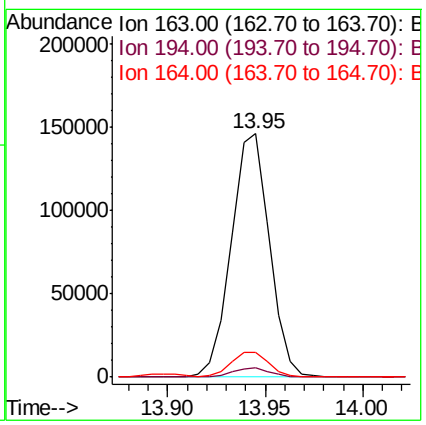


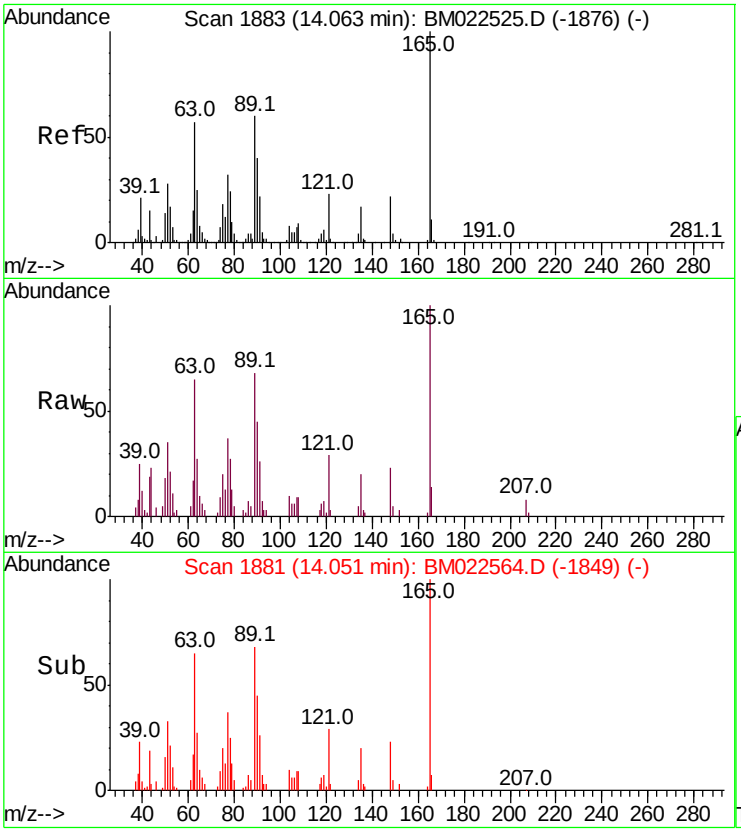


#45
Dimethylphthalate
Concen: 3.822 ng/ul
RT: 13.95 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion:163 Resp: 198347

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.3	7.8	11.8



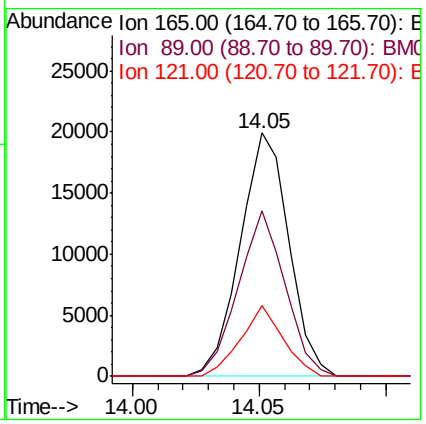


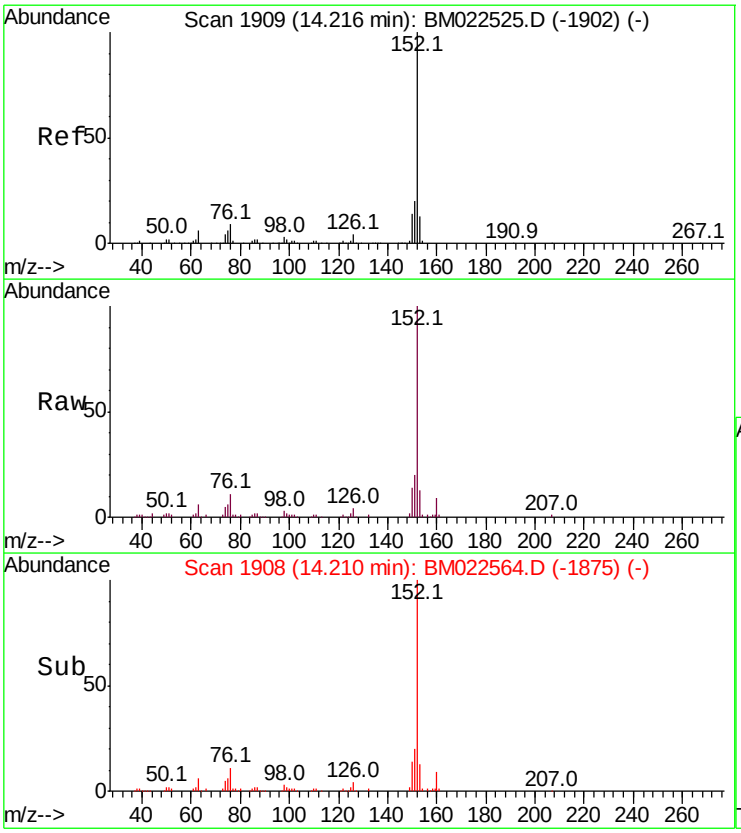
#46
2,6-Dinitrotoluene
Concen: 3.160 ng/ul
RT: 14.05 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:165 Resp: 26701

Ion	Ratio	Lower	Upper
165	100		
89	67.8	47.7	71.5
121	29.3	18.4	27.6#

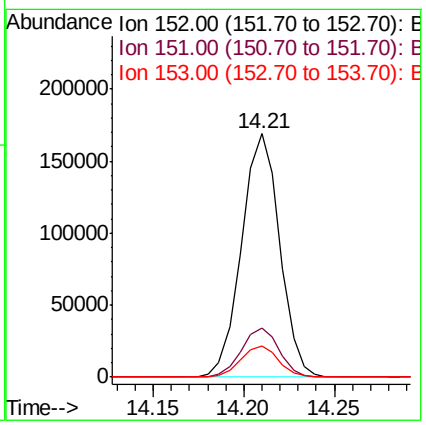


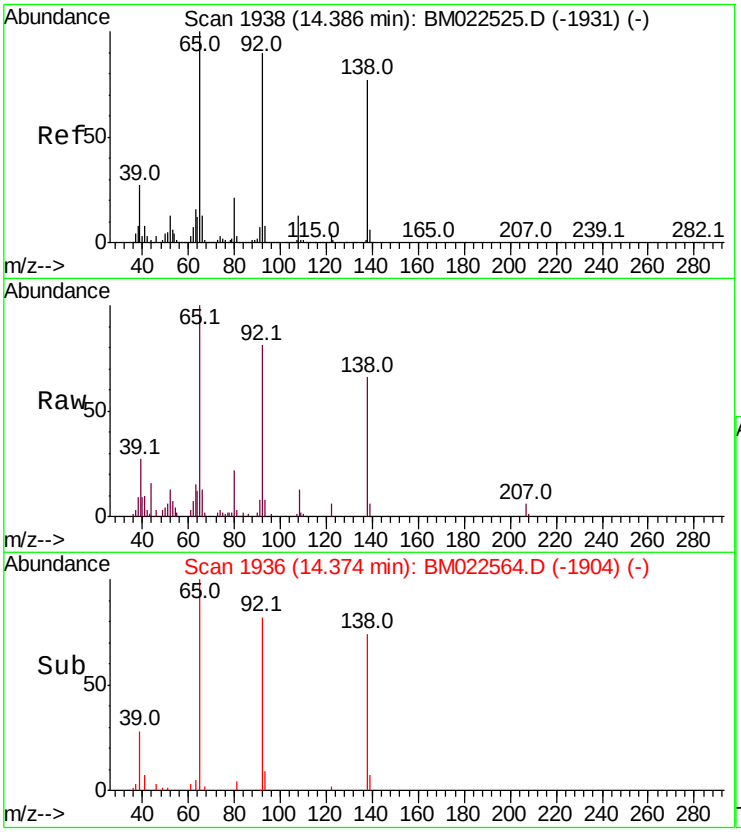


#48
Acenaphthylene
Concen: 3.882 ng/ul
RT: 14.21 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion:152 Resp: 246503

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	12.9	10.4	15.6



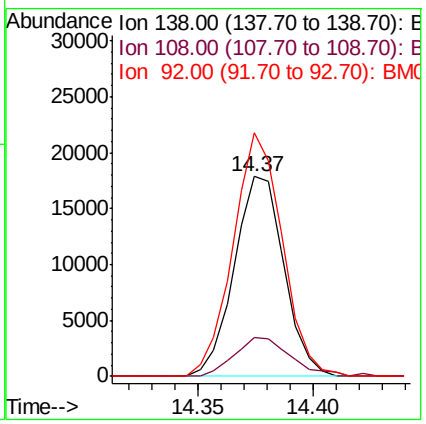


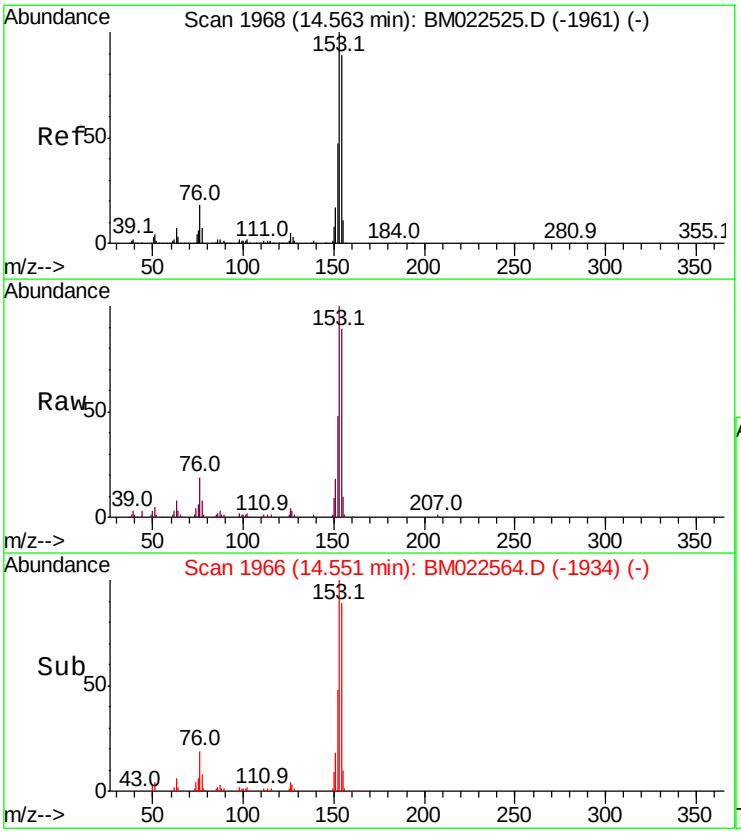
#49
3-Nitroaniline
Concen: 2.936 ng/ul
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:138 Resp: 26902

Ion	Ratio	Lower	Upper
138	100		
108	19.6	13.5	20.3
92	122.1	93.7	140.5

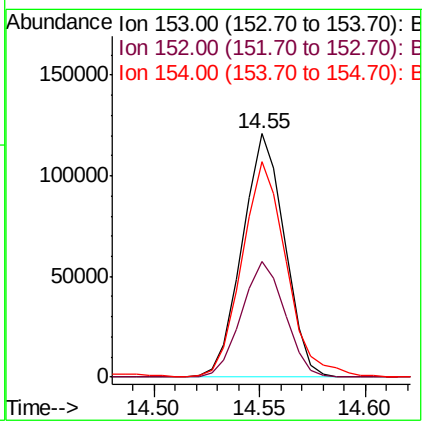


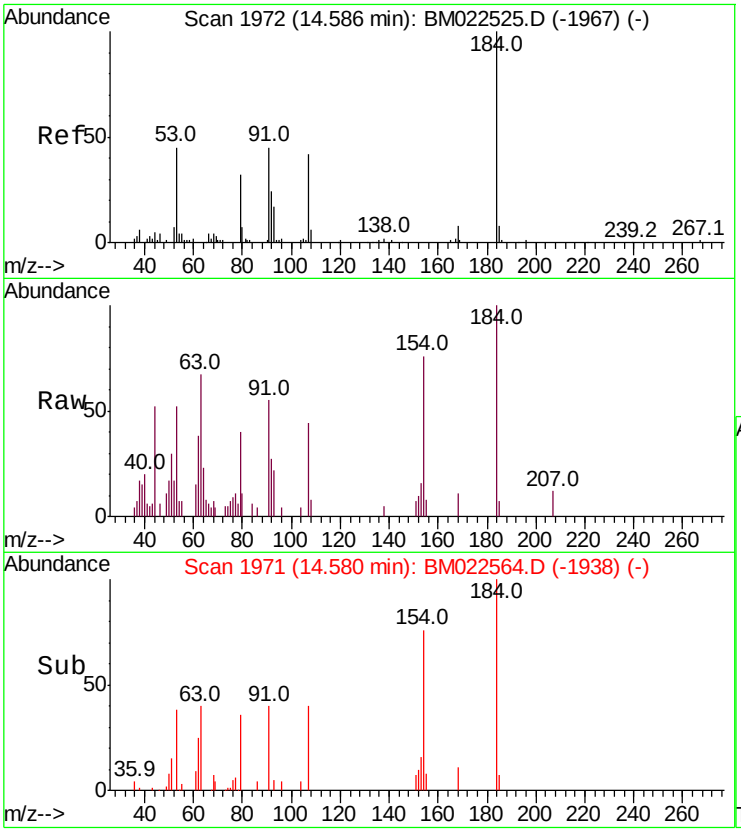


#50
Acenaphthene
Concen: 3.846 ng/ul
RT: 14.55 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion:153 Resp: 169214

Ion	Ratio	Lower	Upper
153	100		
152	47.6	37.5	56.3
154	88.6	71.4	107.0



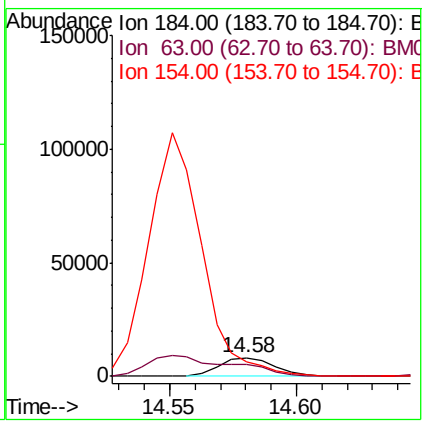


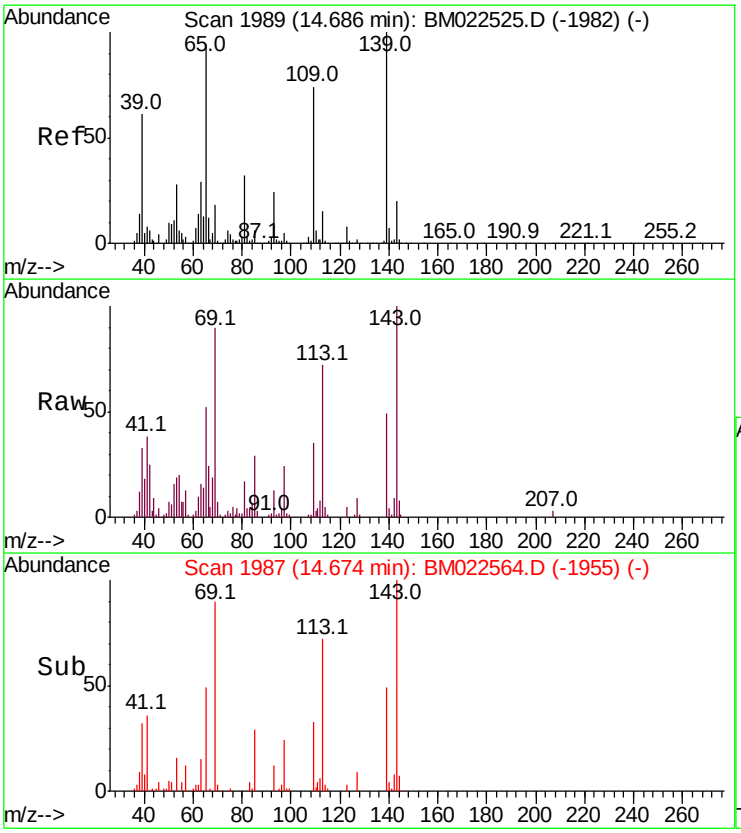
#51
2,4-Dinitrophenol
Concen: 3.136 ng/ul
RT: 14.58 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:184 Resp: 12157

Ion	Ratio	Lower	Upper
184	100		
63	66.9	51.5	77.3
154	75.7	81.9	122.9#

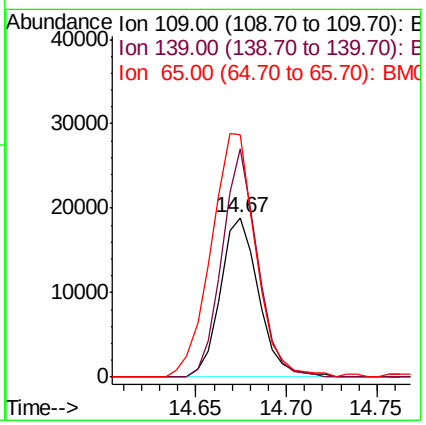


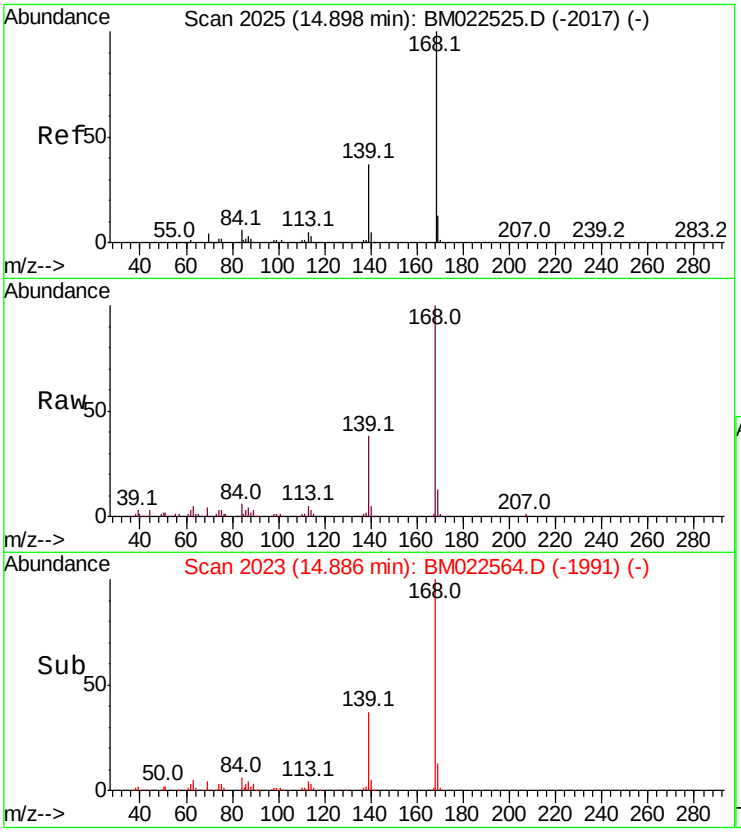


#53
4-Nitrophenol
Concen: 3.964 ng/ul
RT: 14.67 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion:109 Resp: 27816

Ion	Ratio	Lower	Upper
109	100		
139	142.9	107.6	161.4
65	151.4	101.9	152.9



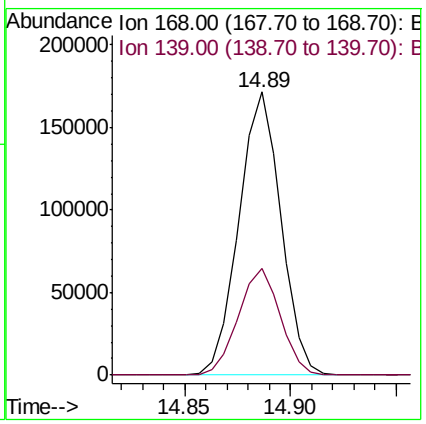


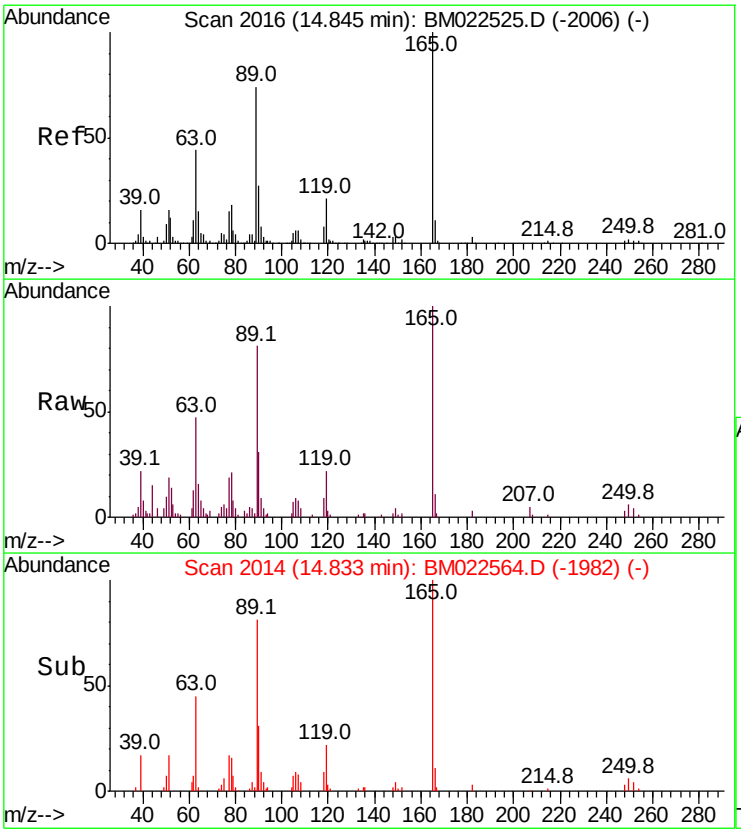
#54
Dibenzofuran
Concen: 3.880 ng/ul
RT: 14.89 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 236931

Ion	Ratio	Lower	Upper
168	100		
139	37.8	29.5	44.3

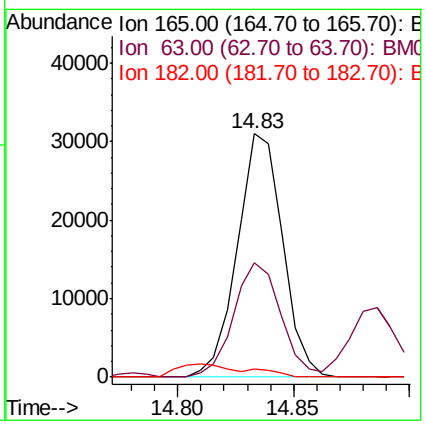


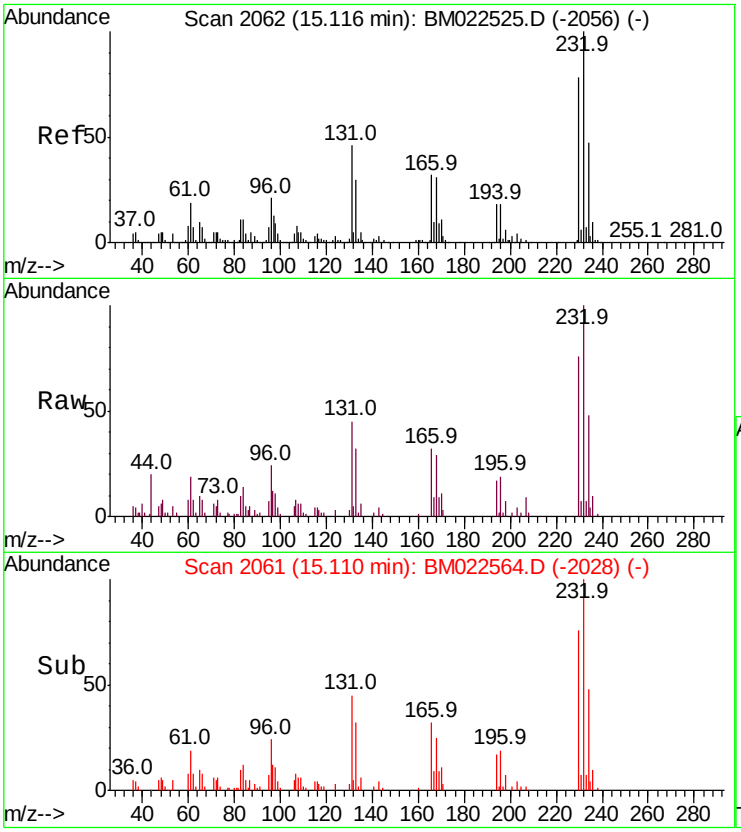


#55
2,4-Dinitrotoluene
Concen: 3.433 ng/ul
RT: 14.83 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion:165 Resp: 42488

Ion	Ratio	Lower	Upper
165	100		
63	47.0	35.7	53.5
182	3.3	2.2	3.2#



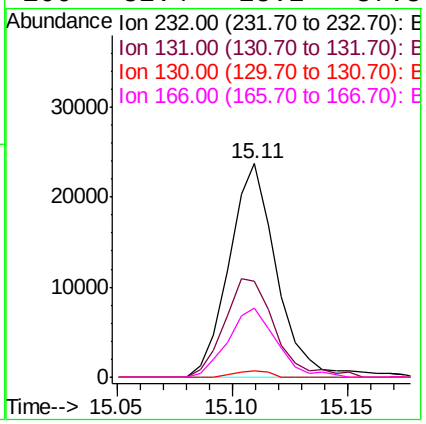


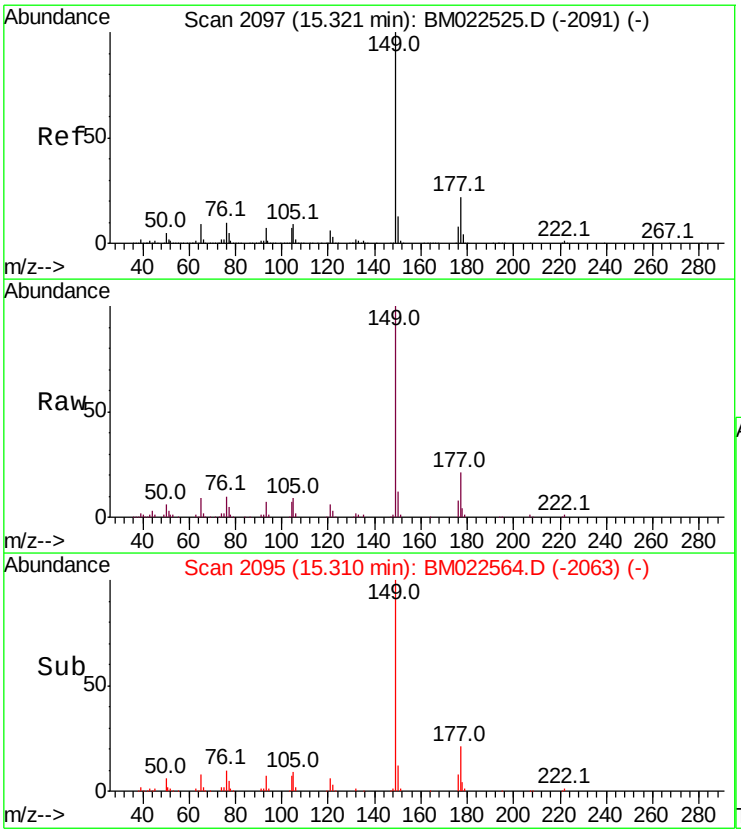
#56
2,3,4,6-Tetrachlorophenol
Concen: 2.922 ng/ul
RT: 15.11 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:232 Resp: 33543

Ion	Ratio	Lower	Upper
232	100		
131	44.7	36.9	55.3
130	2.8	2.0	3.0
166	32.4	25.2	37.8

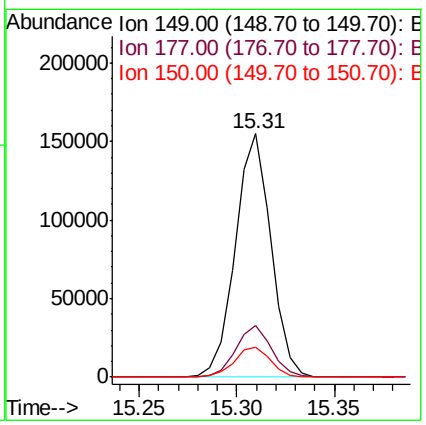


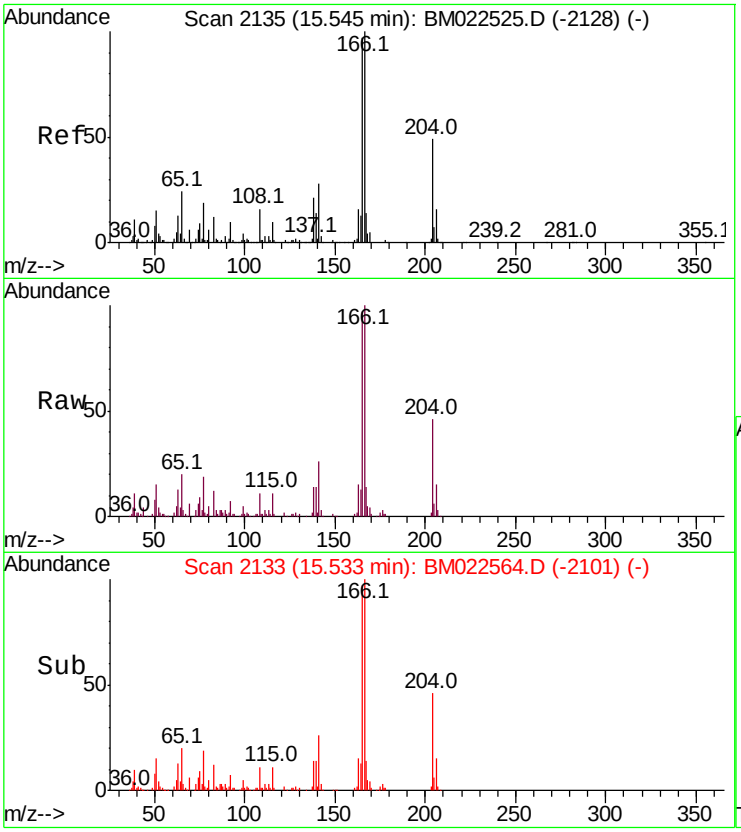


#57
Diethylphthalate
Concen: 3.635 ng/ul
RT: 15.31 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion:149 Resp: 195182

Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.3	25.9
150	12.3	10.2	15.2



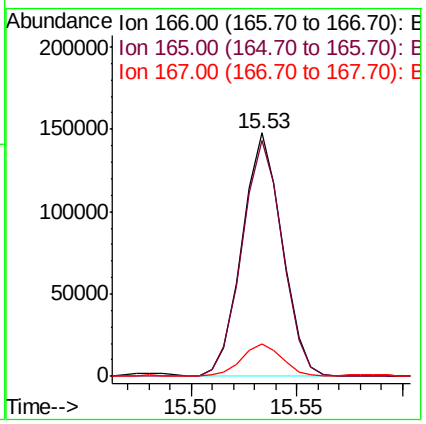


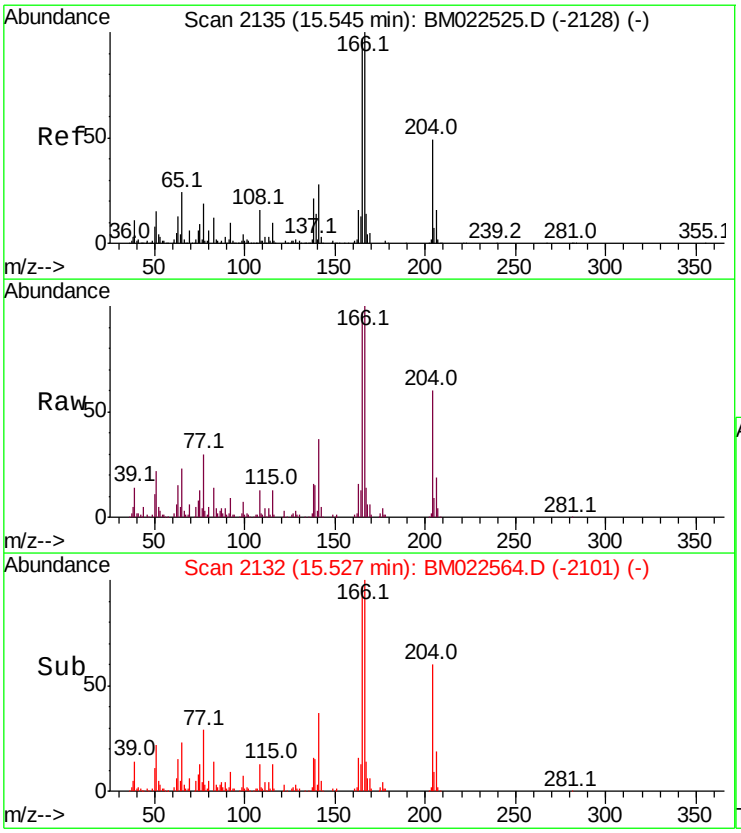
#59
Fluorene
Concen: 3.888 ng/ul
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 195359

Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.8	116.8
167	13.5	10.9	16.3

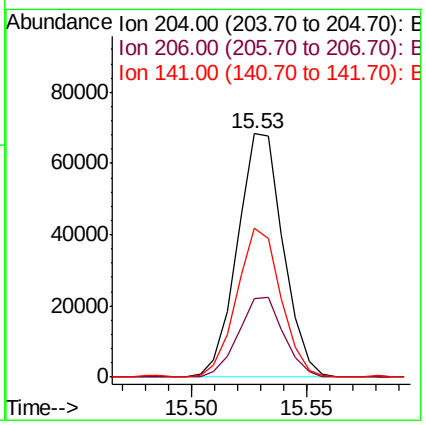


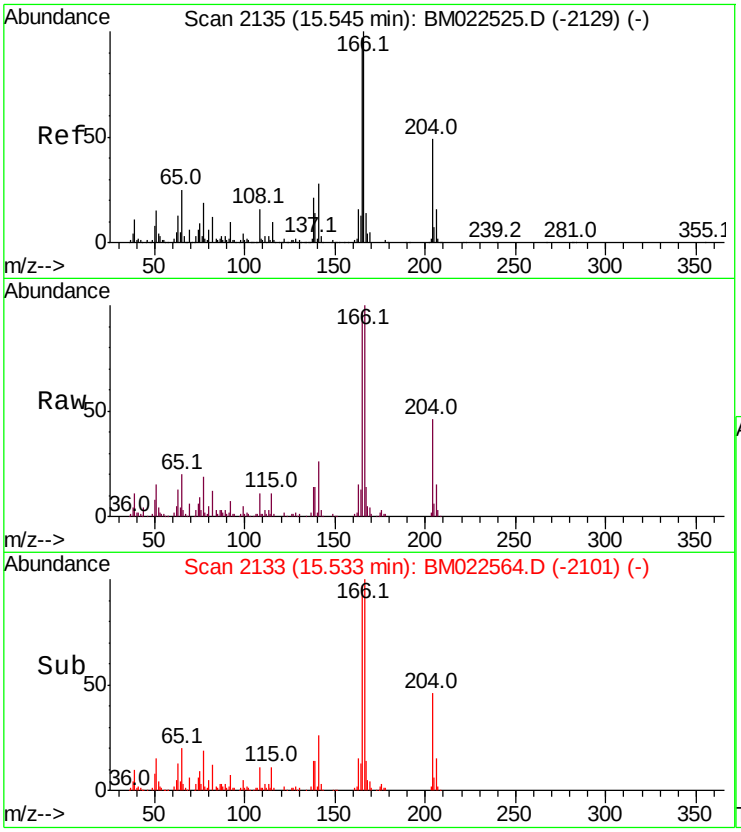


#60
4-Chlorophenyl-phenylether
Concen: 3.793 ng/ul
RT: 15.53 min Scan# 2132
Delta R.T. -0.02 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion:204 Resp: 94303

Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.0	39.0
141	61.2	45.4	68.2



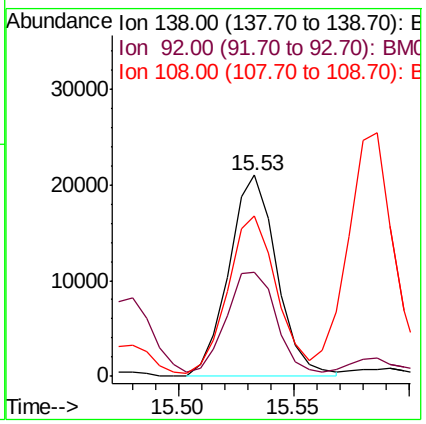


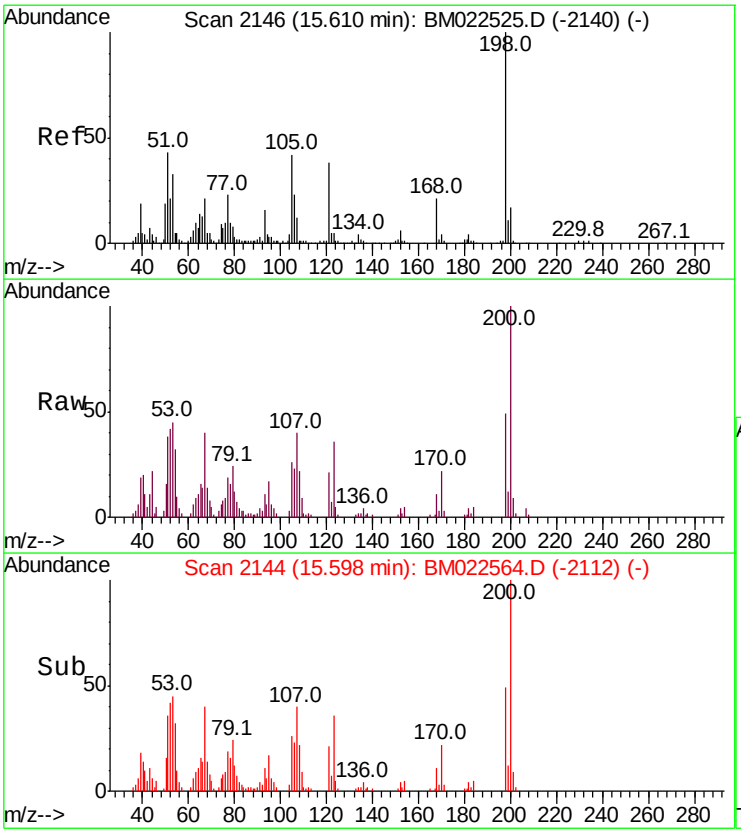
#61
4-Nitroaniline
Concen: 2.916 ng/ul
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:138 Resp: 30445

Ion	Ratio	Lower	Upper
138	100		
92	52.0	40.3	60.5
108	79.6	62.2	93.2

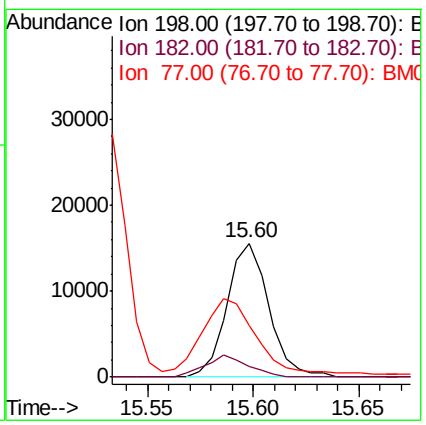


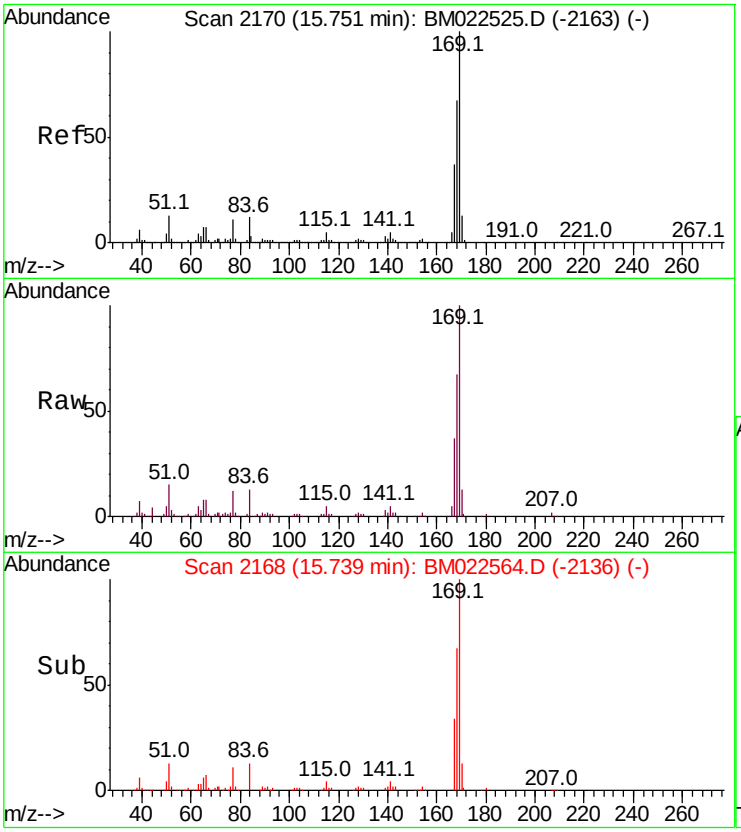


#64
4,6-Dinitro-2-methylphenol
Concen: 3.108 ng/ul
RT: 15.60 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion:198 Resp: 21400

Ion	Ratio	Lower	Upper
198	100		
182	8.0	3.4	5.0#
77	38.3	19.7	29.5#



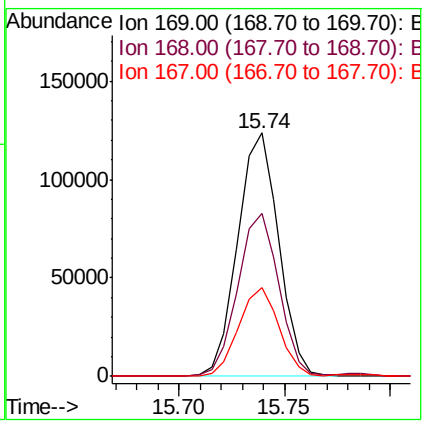


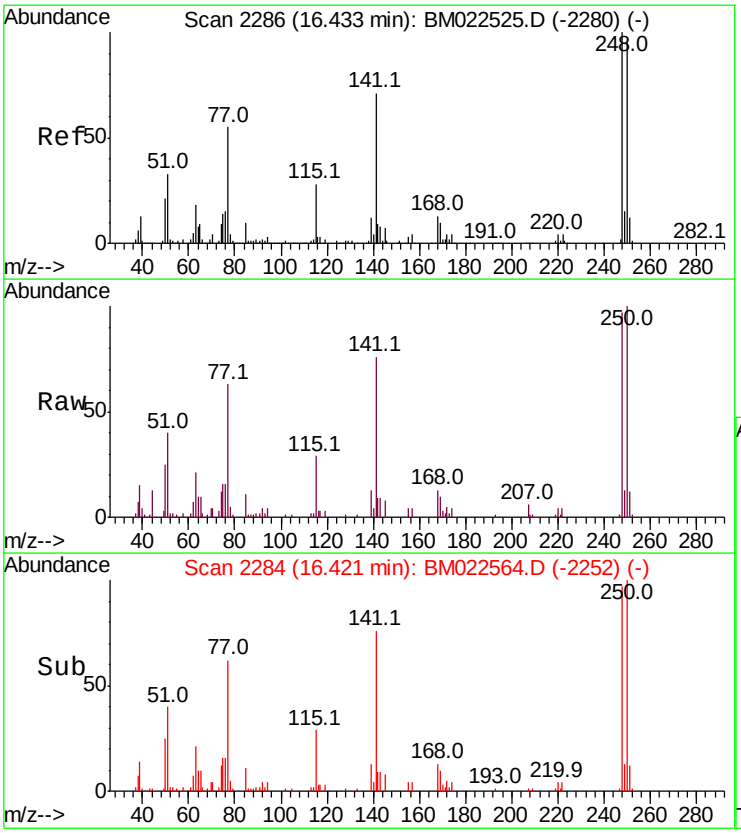
#65
N-Nitrosodiphenylamine
Concen: 3.729 ng/ul
RT: 15.74 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:169 Resp: 166617

Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.5	80.3
167	36.5	29.5	44.3

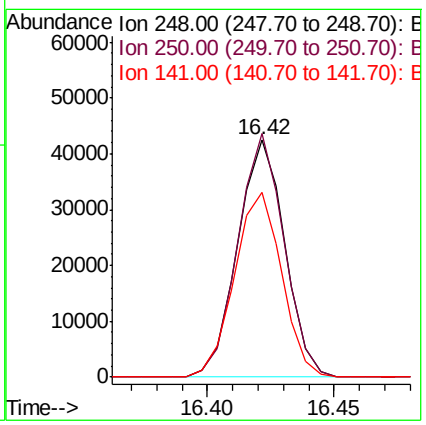


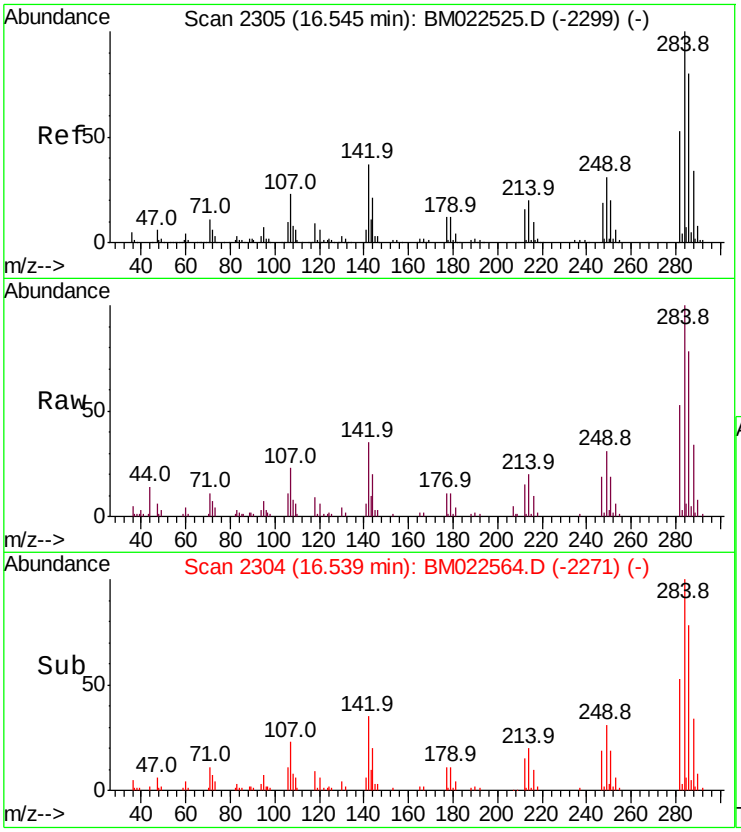


#66
4-Bromophenyl-phenylether
Concen: 3.366 ng/ul
RT: 16.42 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion:248 Resp: 55060

Ion	Ratio	Lower	Upper
248	100		
250	102.6	76.3	114.5
141	77.8	57.0	85.4



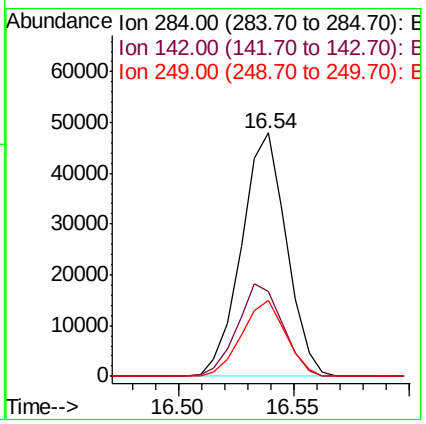


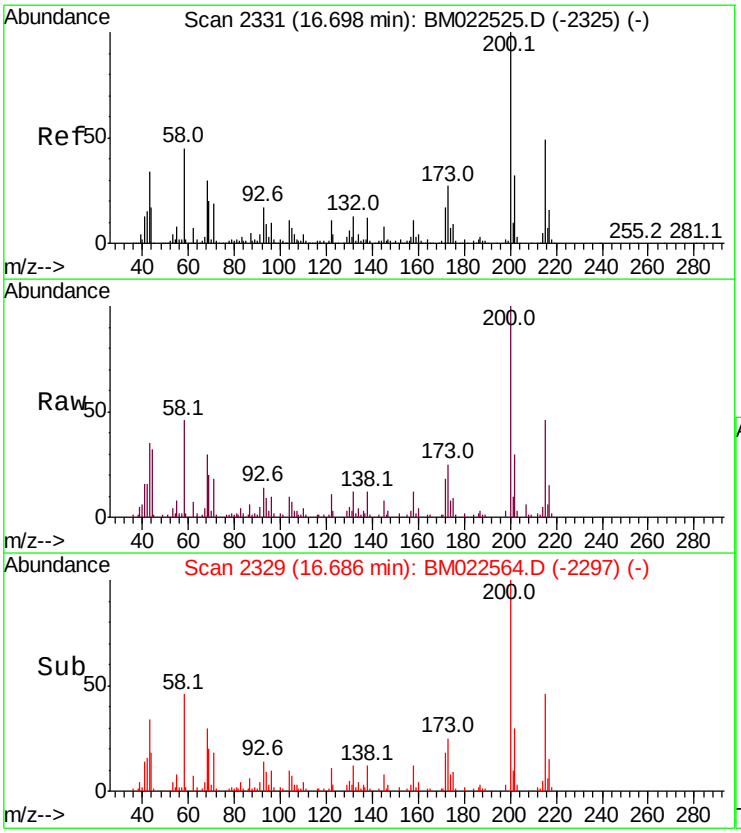
#67
Hexachlorobenzene
Concen: 3.619 ng/ul
RT: 16.54 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:284 Resp: 65248

Ion	Ratio	Lower	Upper
284	100		
142	34.8	29.3	43.9
249	31.0	24.7	37.1

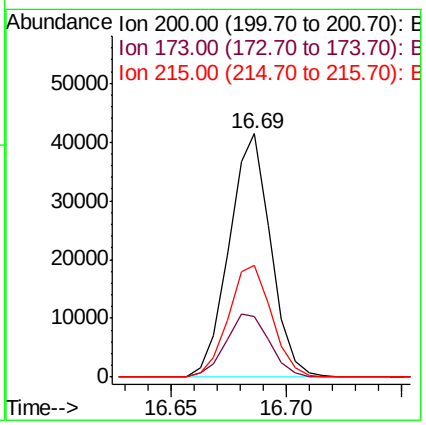


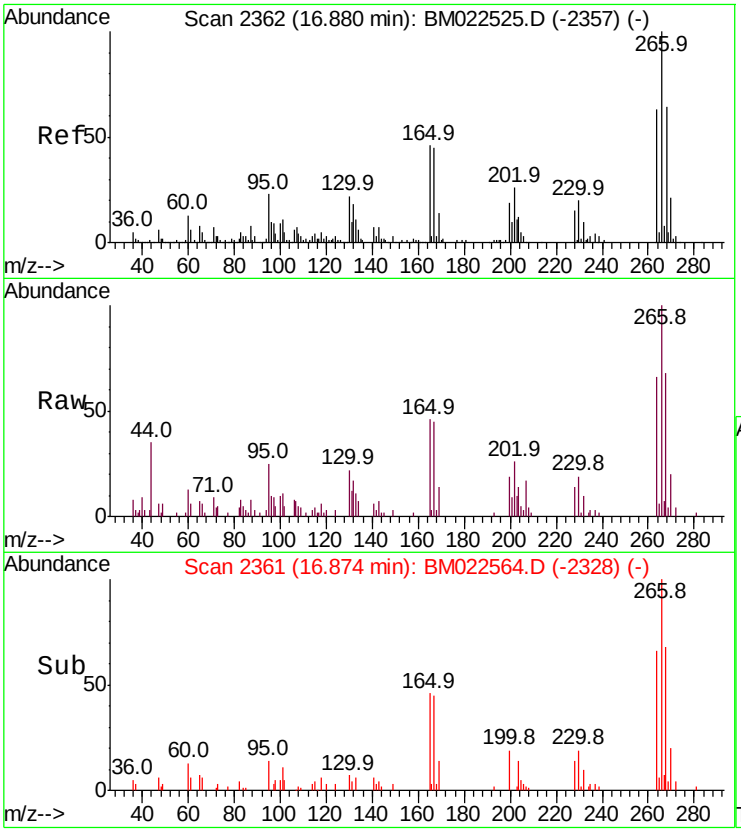


#68
Atrazine
Concen: 3.019 ng/ul
RT: 16.69 min Scan# 2329
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion:200 Resp: 51861

Ion	Ratio	Lower	Upper
200	100		
173	24.9	21.6	32.4
215	45.8	39.0	58.4



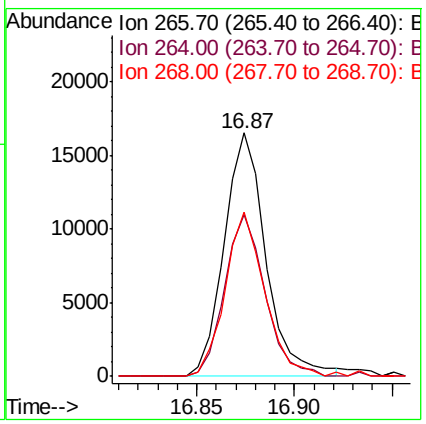


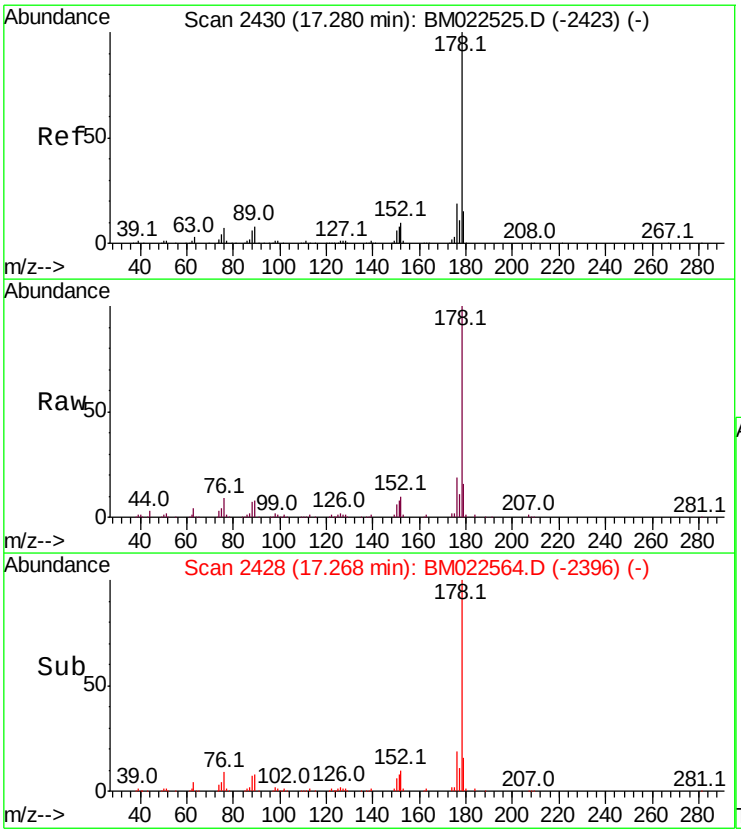
#69
Pentachlorophenol
Concen: 2.461 ng/ul
RT: 16.87 min Scan# 2361
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:266 Resp: 24481

Ion	Ratio	Lower	Upper
266	100		
264	66.4	50.8	76.2
268	67.6	50.9	76.3

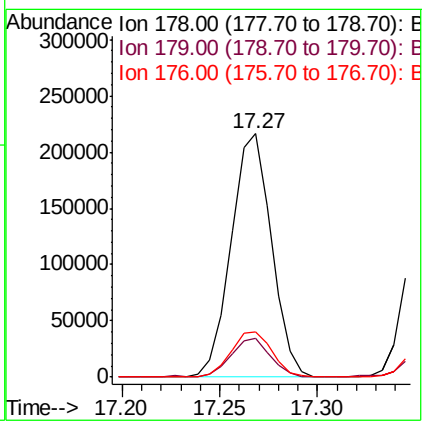


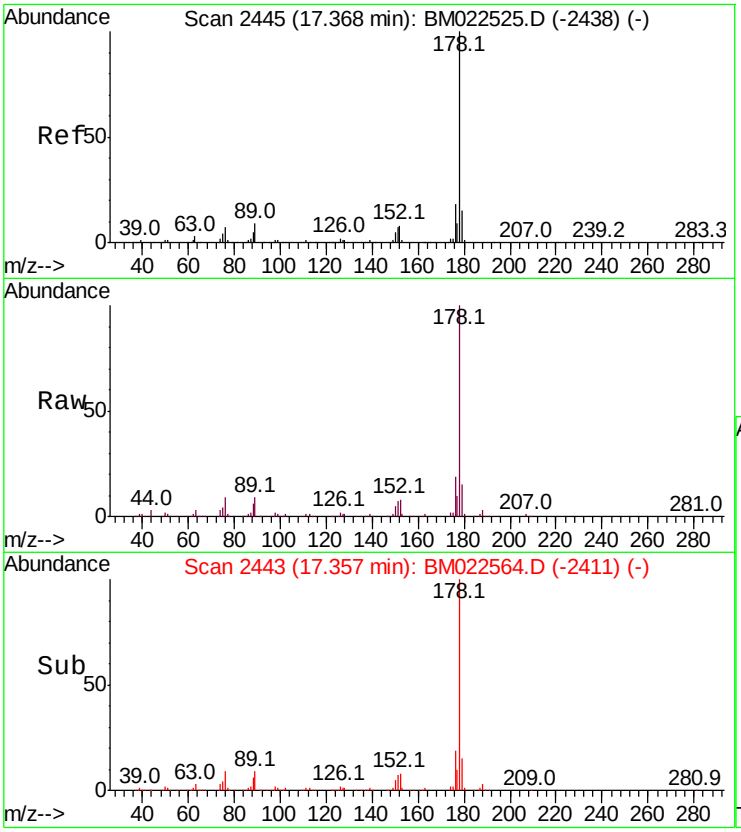


#70
Phenanthrene
Concen: 3.857 ng/ul
RT: 17.27 min Scan# 2428
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion:178 Resp: 309239

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.0	18.0
176	18.7	15.4	23.0



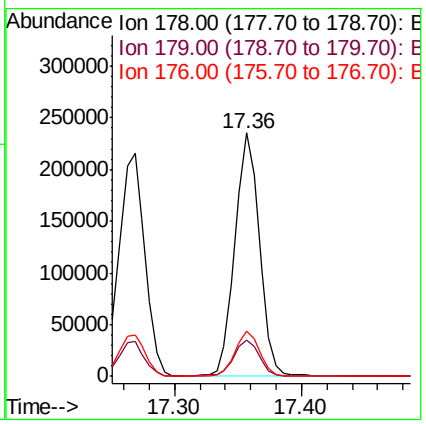


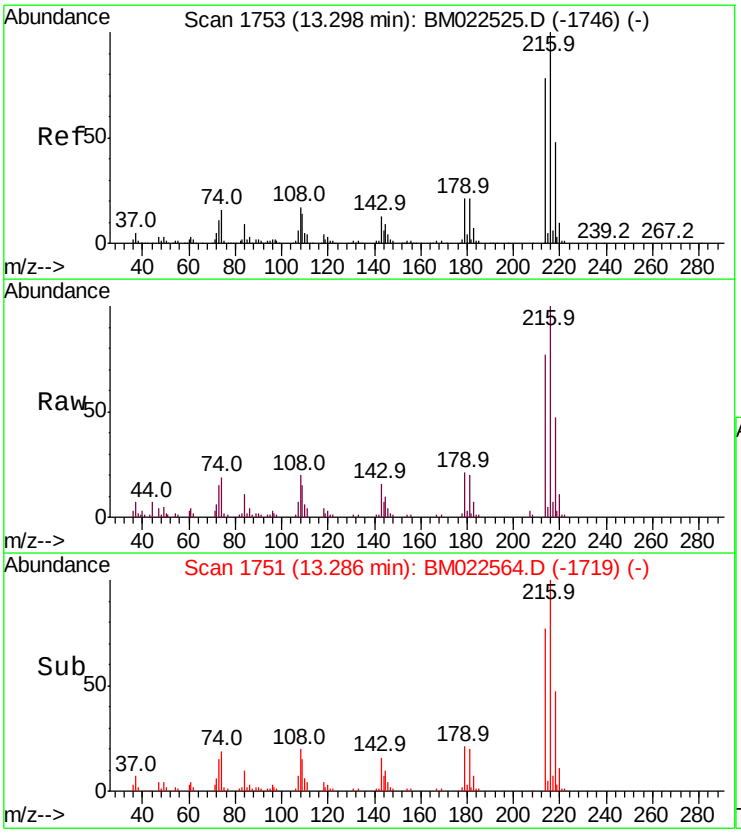
#72
Anthracene
Concen: 3.808 ng/ul
RT: 17.36 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 313612

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.3	18.5
176	18.7	14.7	22.1

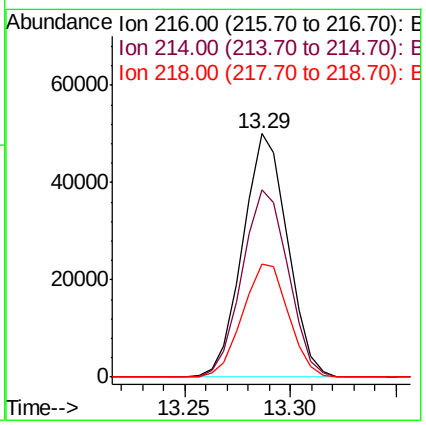


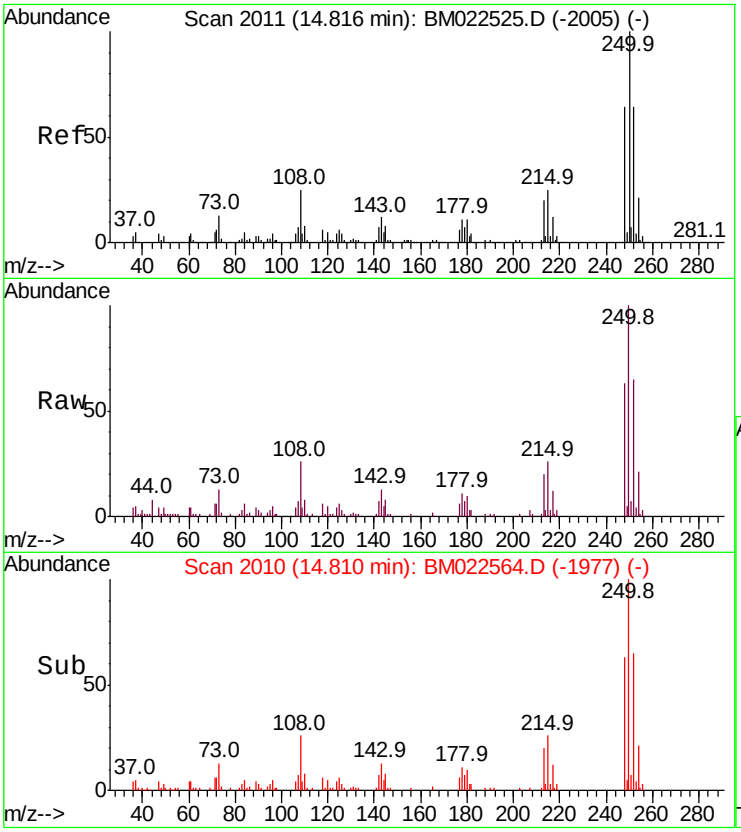


#73
1,2,3,4-Tetrachlorobenzene
Concen: 3.624 ng/uL
RT: 13.29 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion:216 Resp: 73875

Ion	Ratio	Lower	Upper
216	100		
214	77.1	62.5	93.7
218	46.6	38.2	57.4



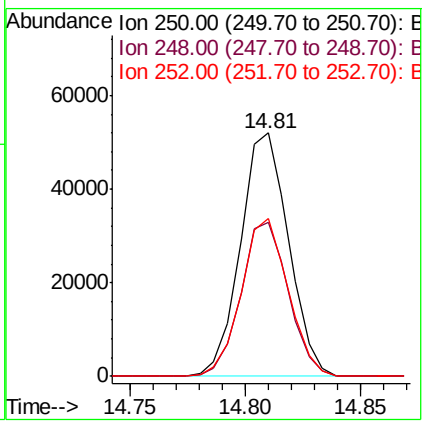


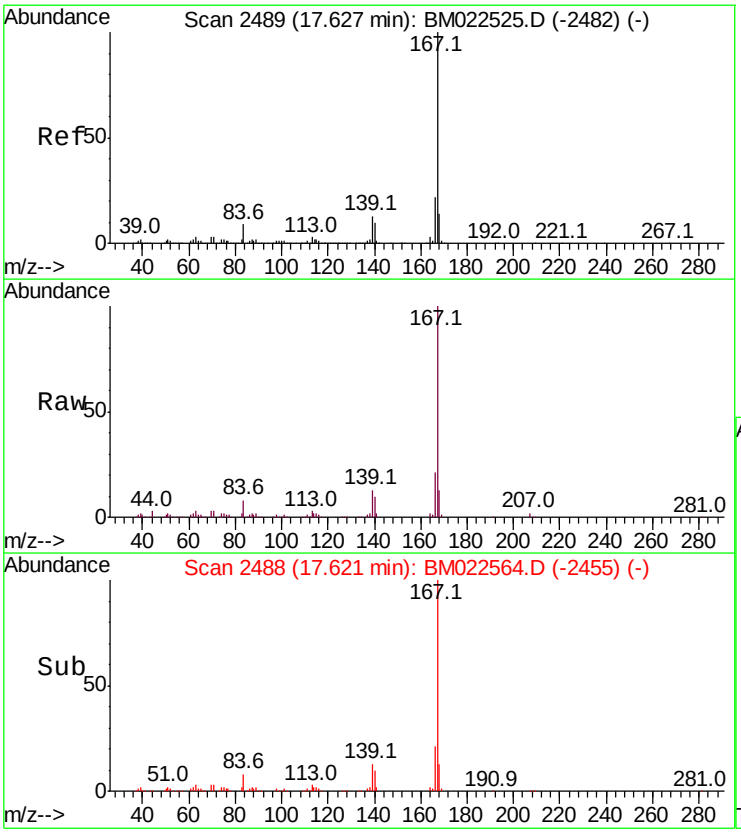
#74
Pentachlorobenzene
Concen: 3.671 ng/uL
RT: 14.81 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:250 Resp: 75436

Ion	Ratio	Lower	Upper
250	100		
248	63.2	51.3	76.9
252	65.0	51.1	76.7

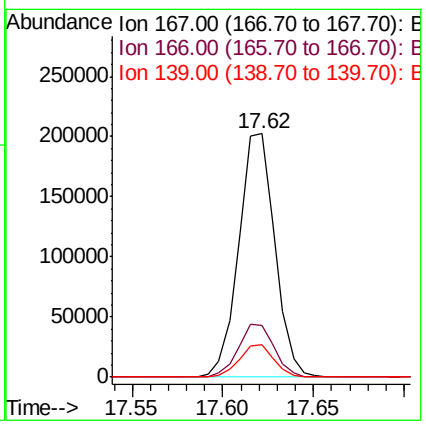


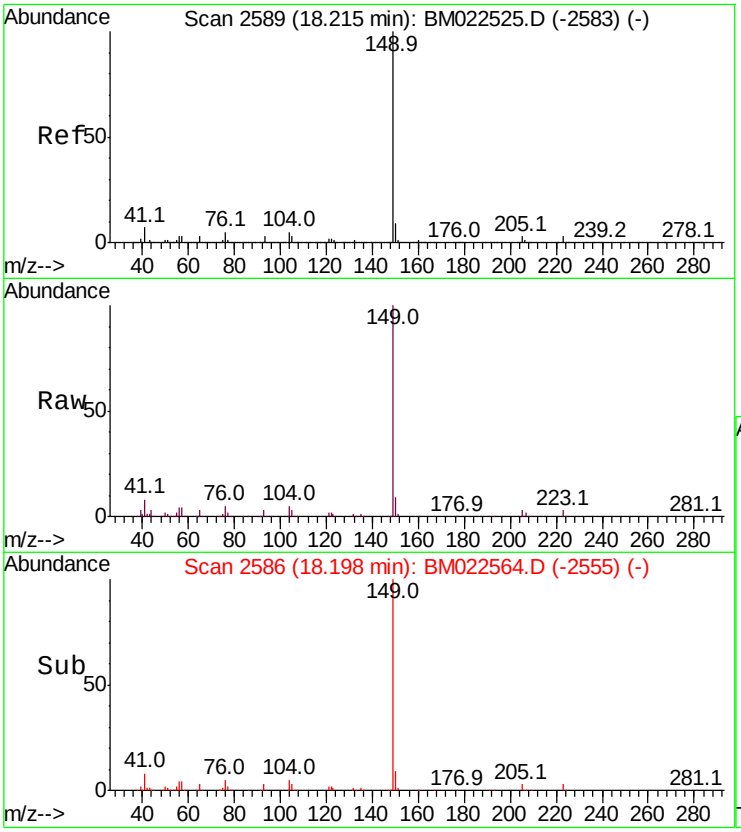


#75
Carbazole
Concen: 3.784 ng/ul
RT: 17.62 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion:167 Resp: 280080

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.4	26.0
139	13.2	10.6	15.8



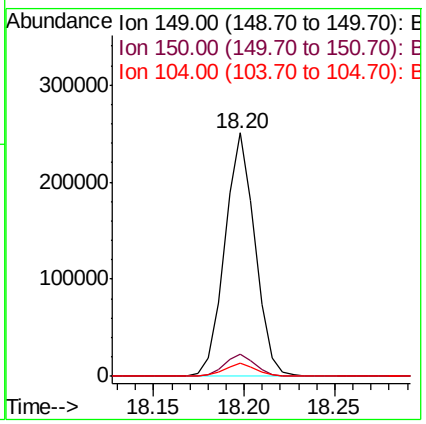


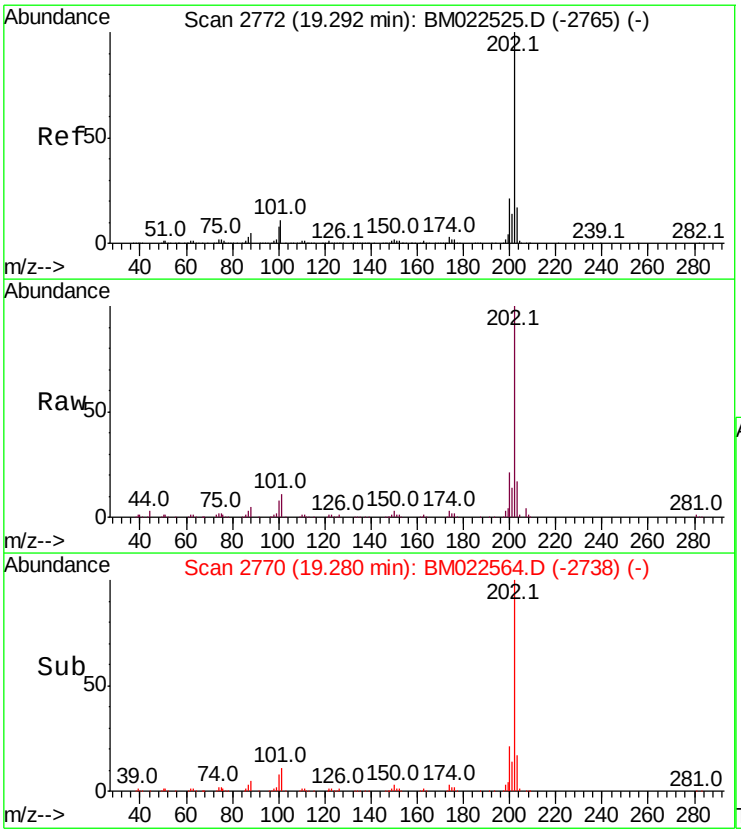
#76
Di-n-butylphthalate
Concen: 3.086 ng/ul
RT: 18.20 min Scan# 2586
Delta R.T. -0.02 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 289258

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.3	10.9
104	5.5	3.9	5.9

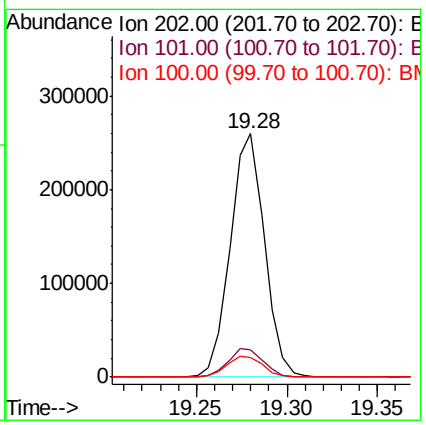


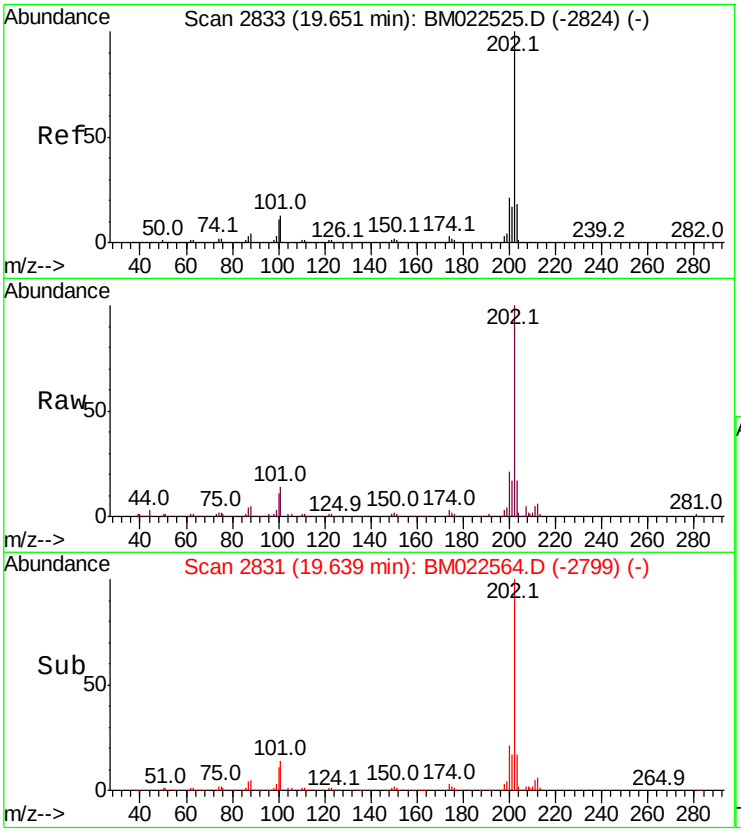


#77
Fluoranthene
Concen: 3.739 ng/ul
RT: 19.28 min Scan# 2770
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion:202 Resp: 340148

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.8	13.2
100	8.3	6.3	9.5



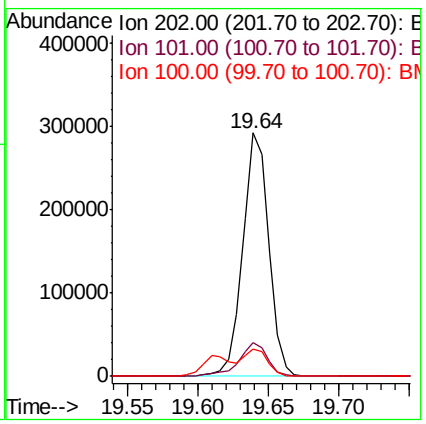


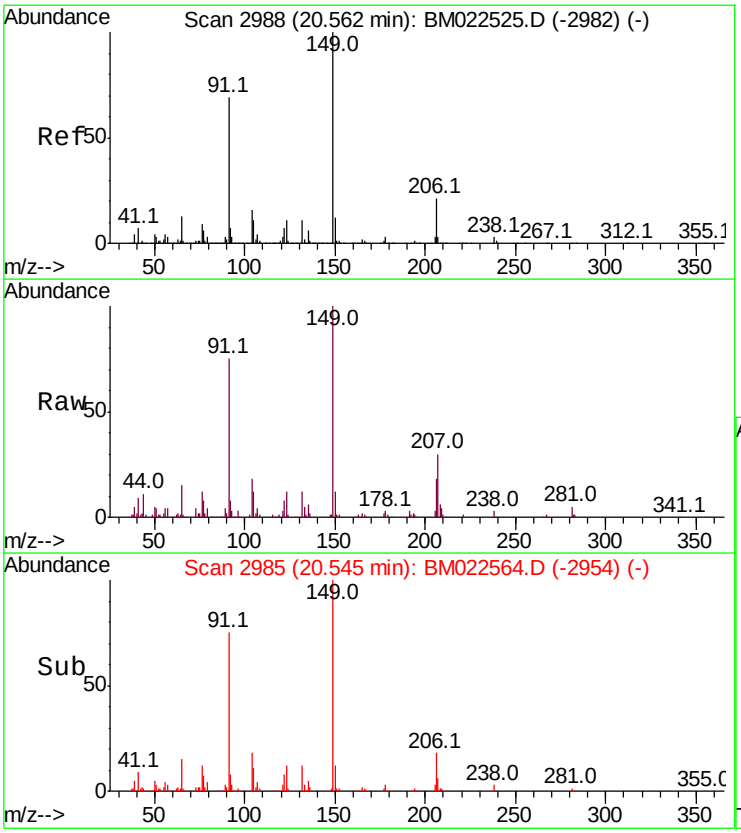
#80
Pyrene
Concen: 3.816 ng/ul
RT: 19.64 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 376629

Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.6	16.0
100	11.0	8.6	13.0

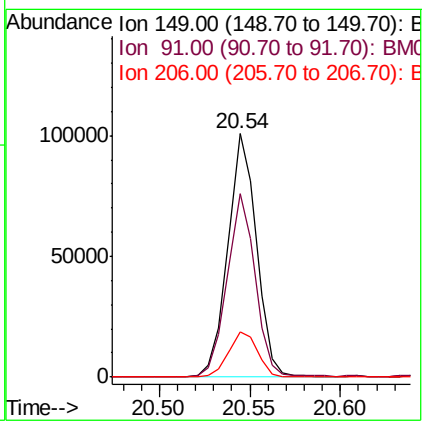


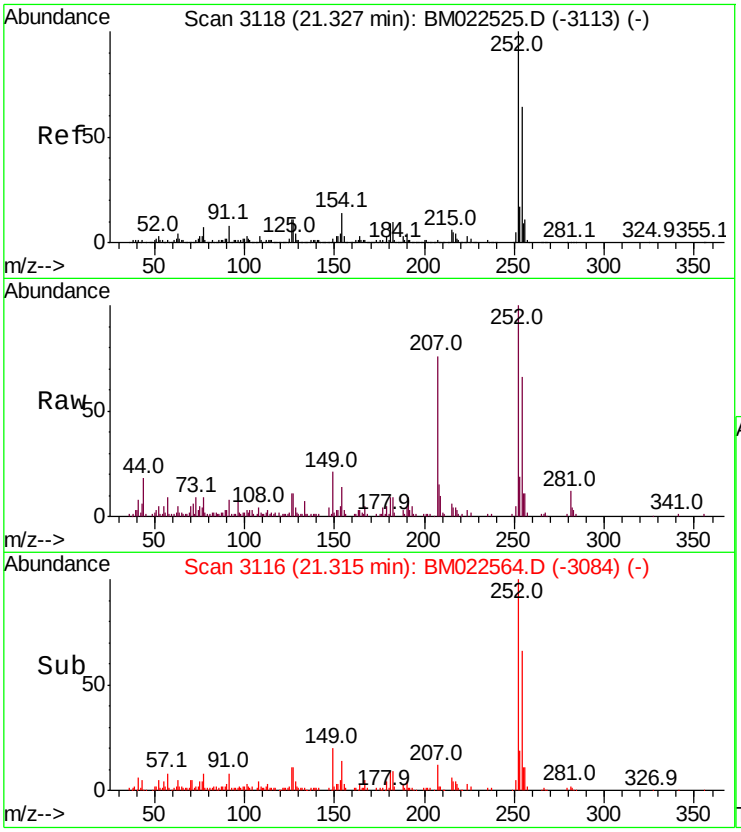


#81
Butylbenzylphthalate
Concen: 2.676 ng/ul
RT: 20.54 min Scan# 2985
Delta R.T. -0.02 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion:149 Resp: 111361

Ion	Ratio	Lower	Upper
149	100		
91	75.5	55.4	83.0
206	18.4	17.0	25.4



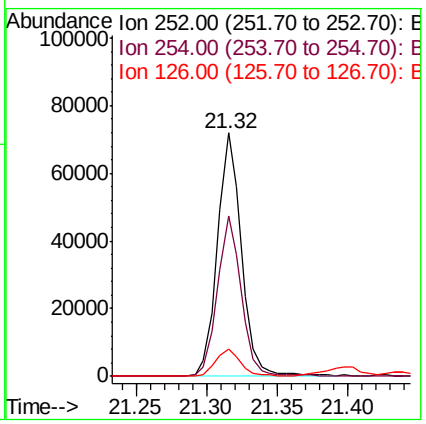


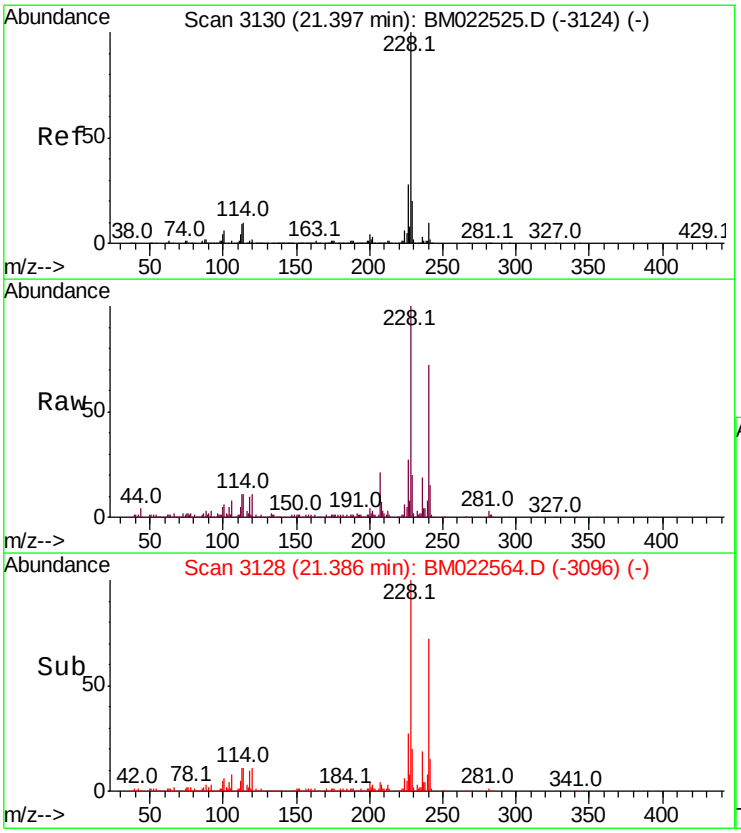
#82
3,3'-Dichlorobenzidine
Concen: 2.461 ng/ul
RT: 21.32 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 85358

Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.2	76.8
126	11.5	8.6	13.0

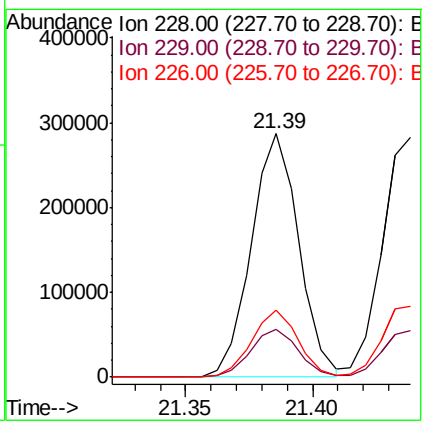


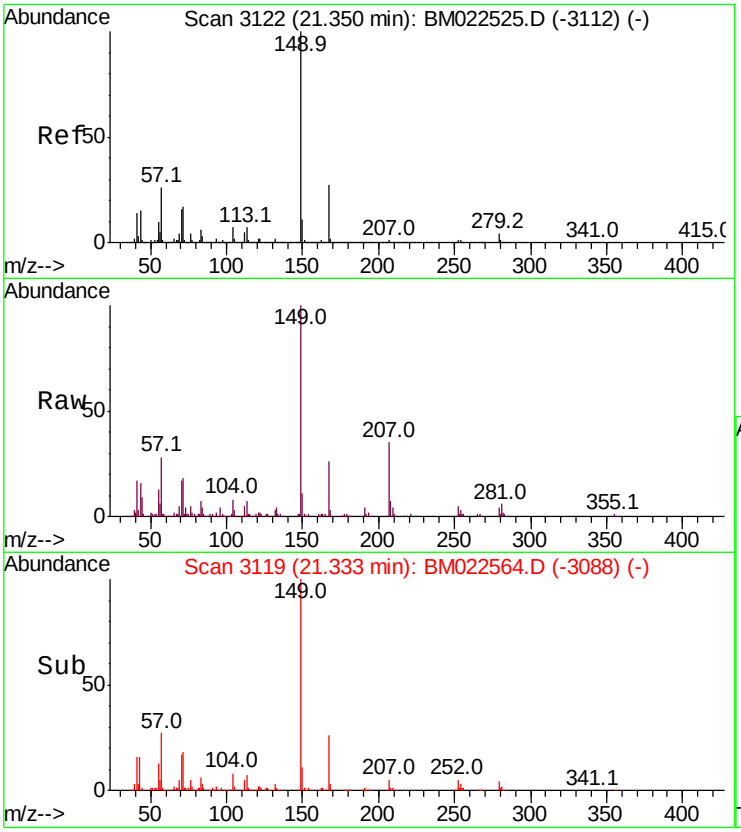


#83
Benzo(a)anthracene
Concen: 3.704 ng/ul
RT: 21.39 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion:228 Resp: 374800

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.7	23.5
226	27.4	22.2	33.2



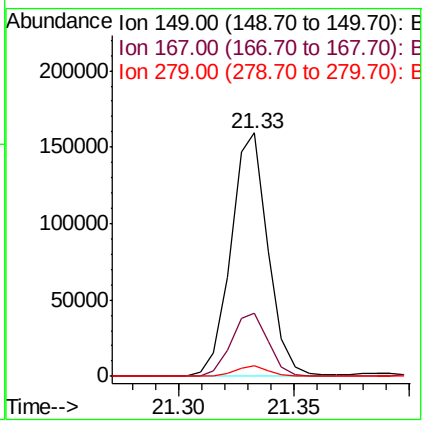


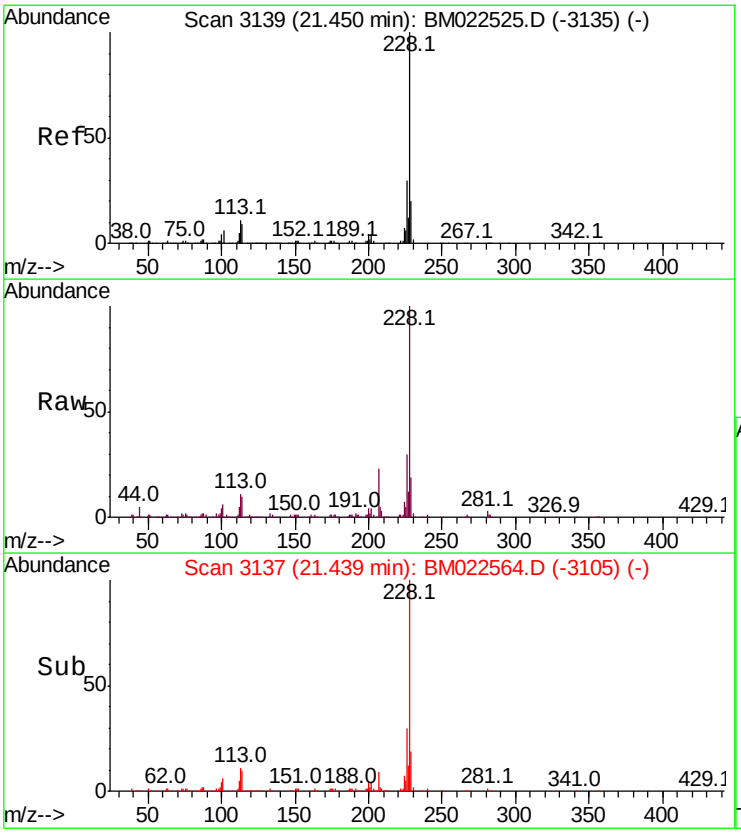
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.781 ng/ul
RT: 21.33 min Scan# 3119
Delta R.T. -0.02 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 175629

Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.7	32.5
279	4.2	3.5	5.3

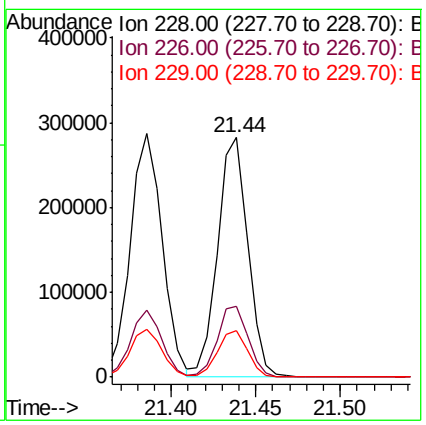


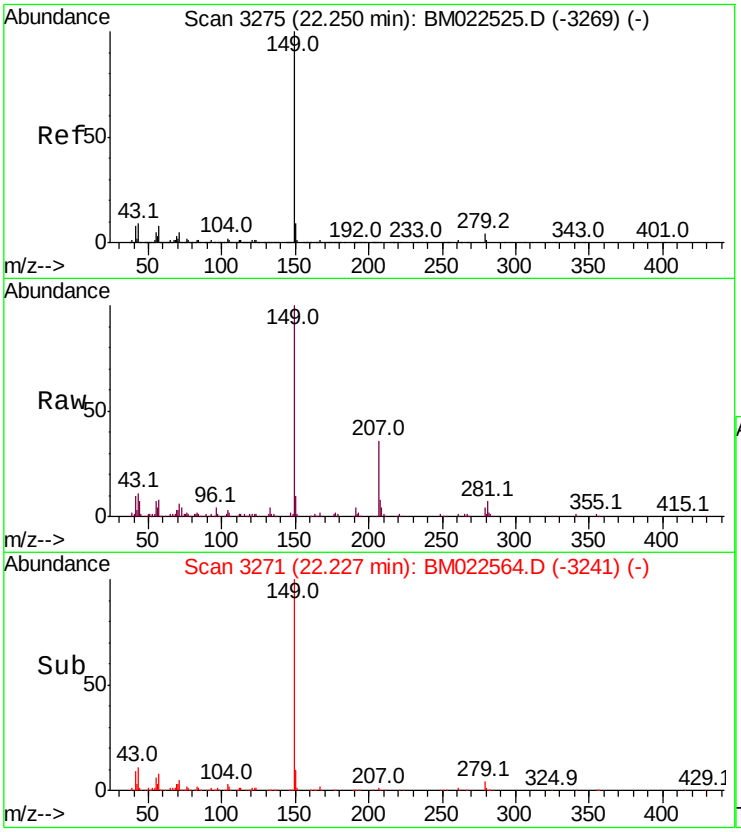


#85
Chrysene
Concen: 3.788 ng/ul
RT: 21.44 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion:228 Resp: 352723

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.4
229	19.3	15.8	23.6

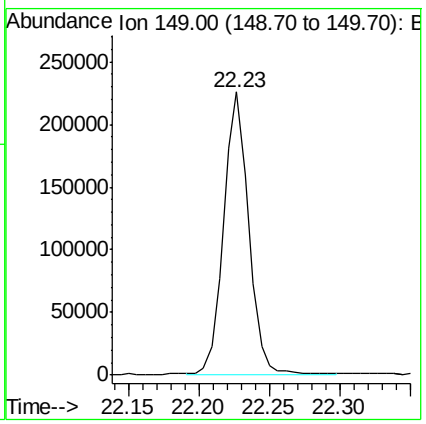


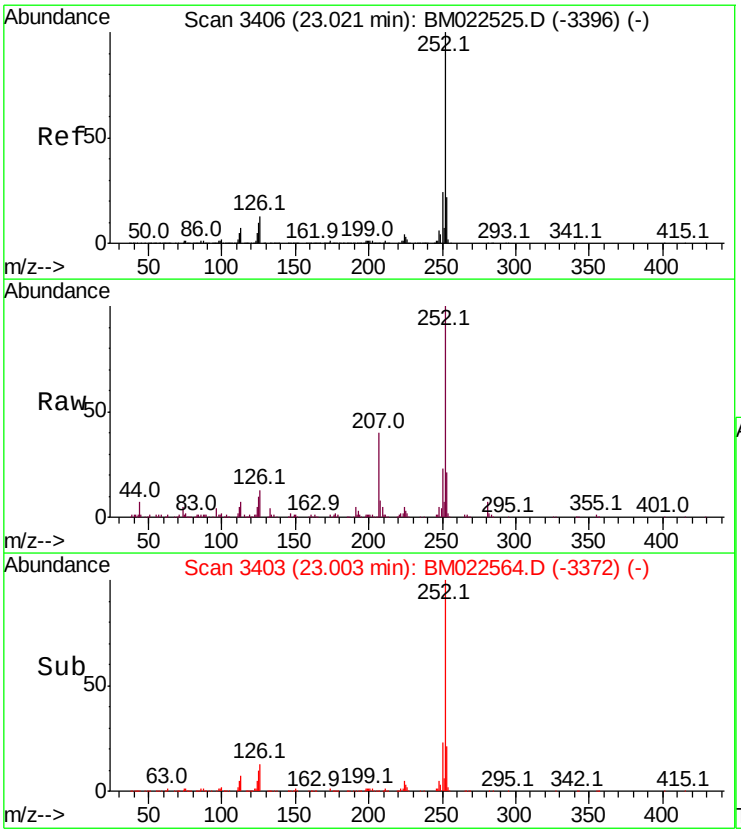


#87
Di-n-octyl phthalate
Concen: 2.395 ng/ul
RT: 22.23 min Scan# 3271
Delta R.T. -0.02 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 274939

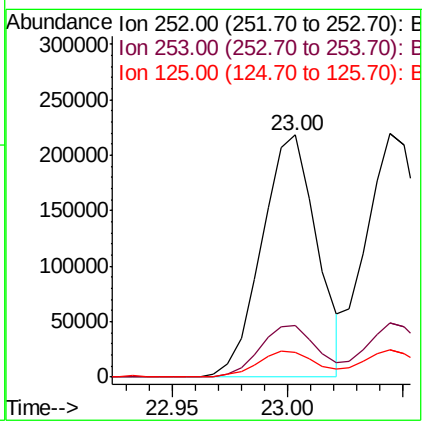


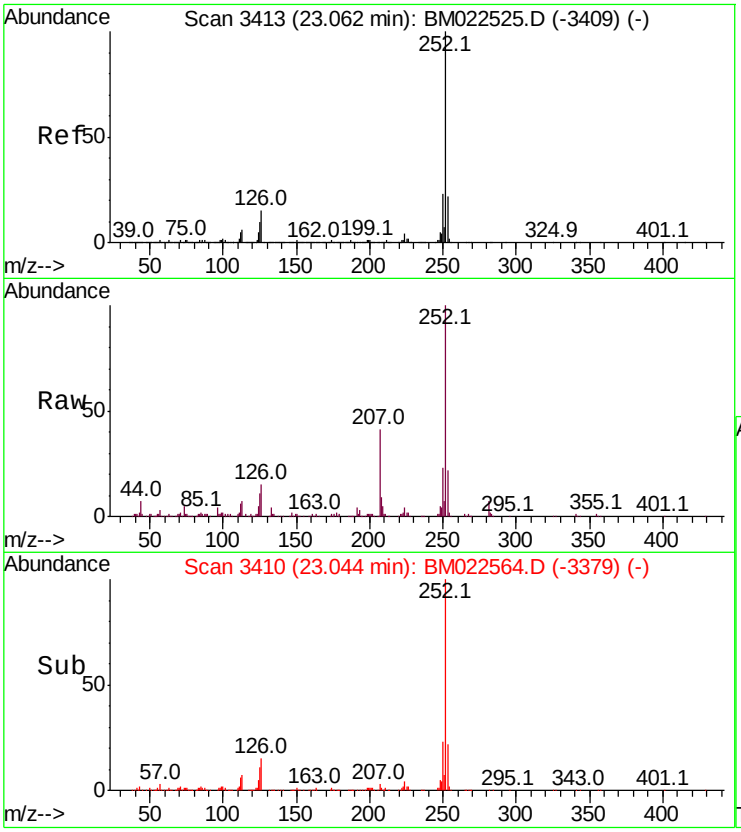


#88
Benzo(b)fluoranthene
Concen: 3.441 ng/ul
RT: 23.00 min Scan# 3403
Delta R.T. -0.02 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion:252 Resp: 363034

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.6
125	10.4	8.0	12.0



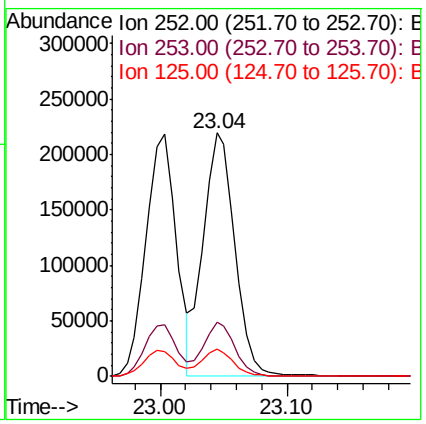


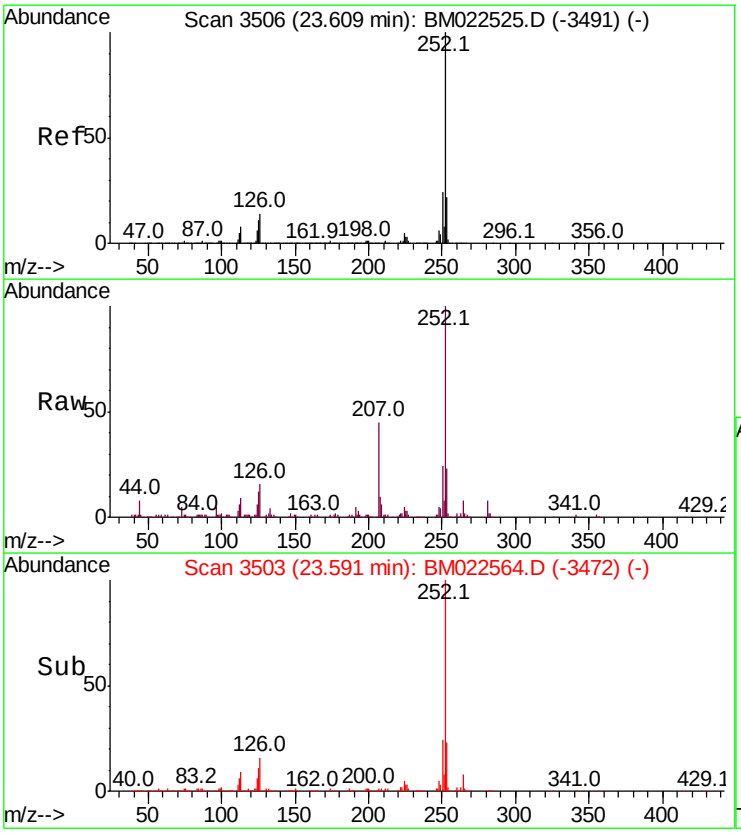
#89
Benzo(k)fluoranthene
Concen: 3.698 ng/ul
RT: 23.04 min Scan# 3410
Delta R.T. -0.02 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 379055

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	11.2	8.2	12.2

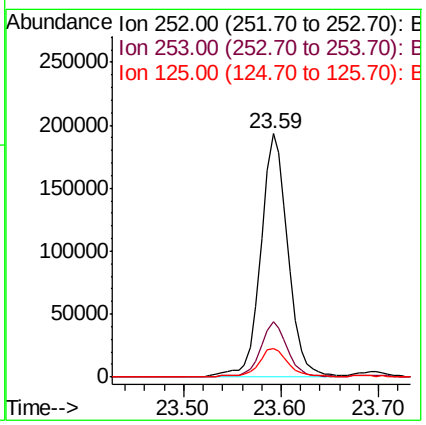


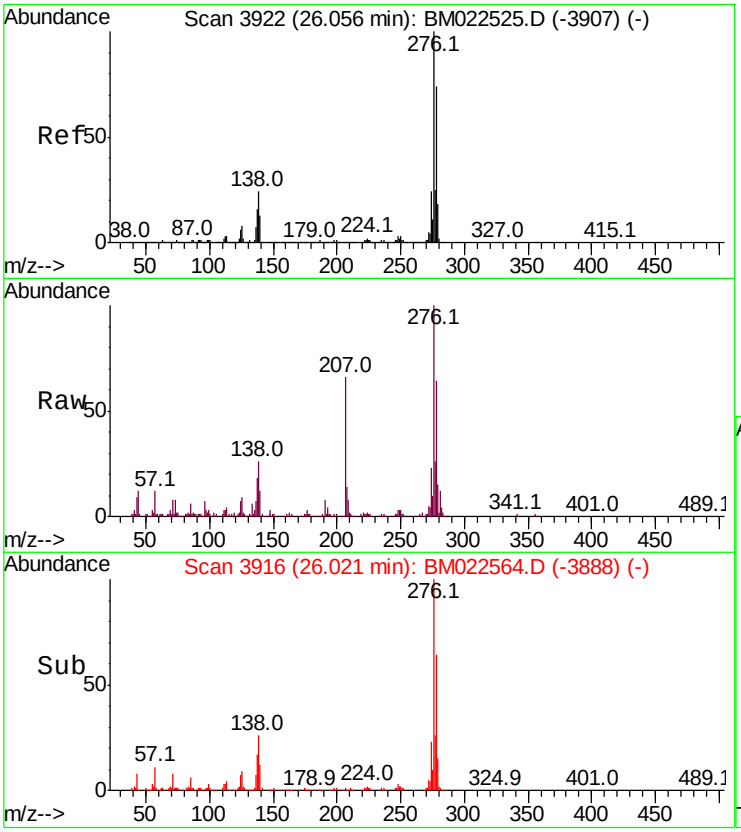


#91
Benzo(a)pyrene
Concen: 3.752 ng/ul
RT: 23.59 min Scan# 3503
Delta R.T. -0.02 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion:252 Resp: 377601

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	11.5	8.9	13.3



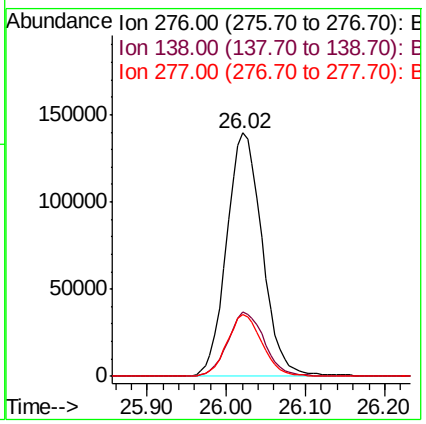


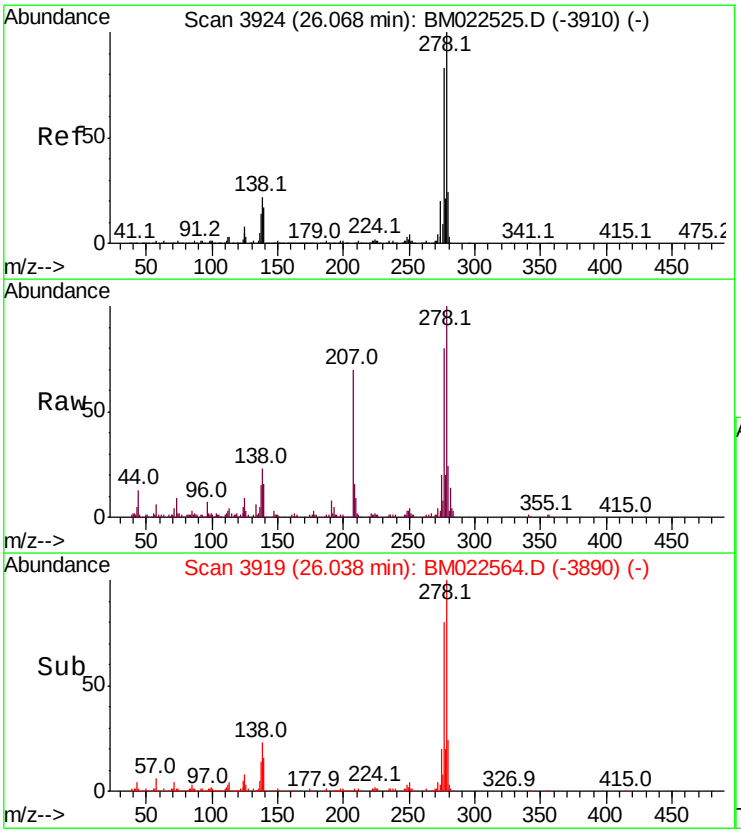
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.741 ng/ul
RT: 26.02 min Scan# 3916
Delta R.T. -0.04 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 434975

Ion	Ratio	Lower	Upper
276	100		
138	26.3	19.2	28.8
277	25.6	19.8	29.8

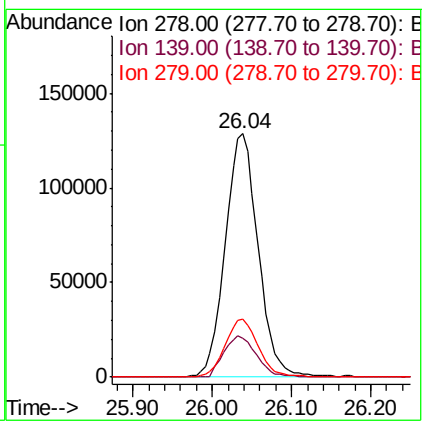


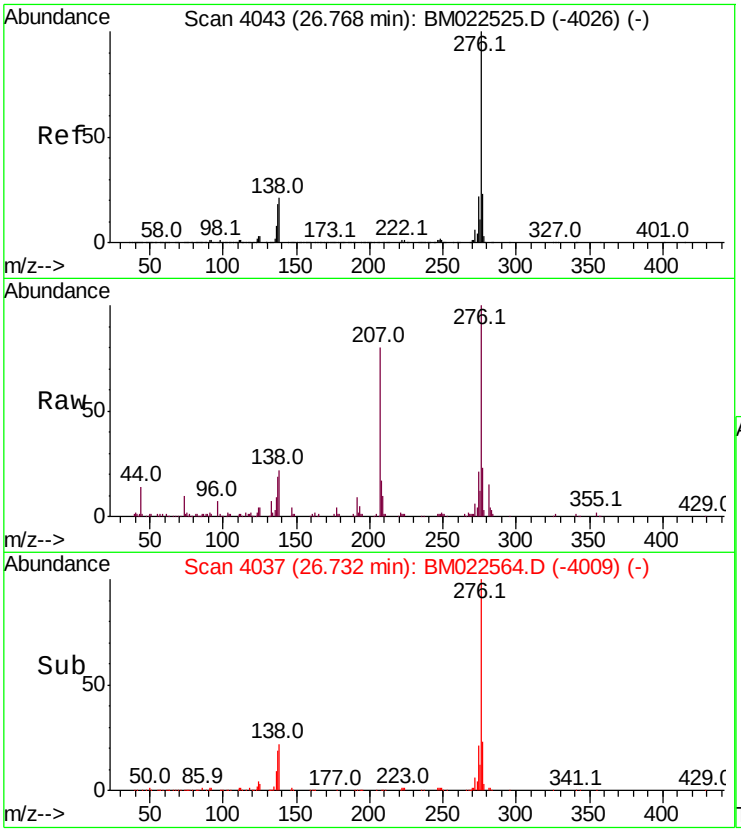


#93
Dibenzo(a,h)anthracene
Concen: 3.823 ng/ul
RT: 26.04 min Scan# 3919
Delta R.T. -0.03 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Tgt Ion:278 Resp: 369927

Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.3	19.9
279	24.0	19.2	28.8





#94
Benzo(g,h,i)perylene
Concen: 3.735 ng/ul
RT: 26.73 min Scan# 4037
Delta R.T. -0.04 min
Lab File: BM022564.D
Acq: 06 Sep 2019 22:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 356714

Ion	Ratio	Lower	Upper
276	100		
138	22.3	17.0	25.6
277	23.3	18.8	28.2