Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090519\
Data File : BM022533.D
Acq On : 05 Sep 2019 22:19
Operator : HP/JU
Sample : MDL-S--02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Sep 06 01:42:59 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	212348	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	964211	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	630799	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1313594	20.00	ng/ul	0.00
78) Chrysene-d12	21.41	240	1395272	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	1640335	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	8098	1.59	ng/uL	0.00
5) Phenol-d5	7.02	99	542271	27.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	335913	29.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	441411	28.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	450658	28.30	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	210116	30.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	196618	30.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	437833	26.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	648768	30.15	ng/ul	0.00
44) Dimethylphthalate-d6	13.90	166	1496198	29.27	ng/ul	0.00
47) Acenaphthylene-d8	14.19	160	1872729	30.60	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	237942	27.25	ng/ul	0.00
58) Fluorene-d10	15.49	176	1248631	29.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	143913	24.10	ng/ul	0.00
71) Anthracene-d10	17.33	188	1985367	29.50	ng/ul	0.00
79) Pyrene-d10	19.62	212	2212074	28.57	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	2501115	28.37	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	8143	1.588	ng/uL#	90
4) Benzaldehyde	7.00	77	32214	3.149	ng/ul	89
6) Phenol	7.04	94	76067	3.716	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.29	93	61298	3.943	ng/ul	99
10) 2-Chlorophenol	7.43	128	61616	3.789	ng/ul	98
11) 2-Methylphenol	8.29	108	57567	3.604	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.40	45	94503	4.134	ng/ul	97
14) Acetophenone	8.68	105	101533	4.086	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.67	70	54861	4.087	ng/ul	99
16) 4-Methylphenol	8.62	108	64185	3.721	ng/ul	99
17) Hexachloroethane	8.95	117	24940	3.871	ng/ul	97
20) Nitrobenzene	9.06	77	72069	4.141	ng/ul	99
21) Isophorone	9.59	82	153194	3.928	ng/ul	100
23) 2-Nitrophenol	9.77	139	30286	3.978	ng/ul	98
24) 2,4-Dimethylphenol	9.83	107	70946	3.717	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.07	93	87825	3.841	ng/ul	99
27) 2,4-Dichlorophenol	10.30	162	58963	3.667	ng/ul	90
28) Naphthalene	10.71	128	206499	3.863	ng/ul	99
30) 4-Chloroaniline	10.80	127	84723	3.834	ng/ul	98
31) Hexachlorobutadiene	11.01	225	36691	3.704	ng/ul	98
32) Caprolactam	11.58	113	18958	3.167	ng/ul	88
33) 4-Chloro-3-methylphenol	11.93	107	65541	3.694	ng/ul	99
34) 2-Methylnaphthalene	12.32	142	155460	3.860	ng/ul	99

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090519\
Data File : BM022533.D
Acq On : 05 Sep 2019 22:19
Operator : HP/JU
Sample : MDL-S--02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Sep 06 01:42:59 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	12.54	142	147557	3.835 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.69	216	75184	3.694 ng/ul	99
38) Hexachlorocyclopentadiene	12.68	237	40131	3.198 ng/ul	99
39) 2,4,6-Trichlorophenol	12.92	196	44774	3.514 ng/ul	96
40) 2,4,5-Trichlorophenol	12.99	196	46239	3.347 ng/ul	99
41) 1,1'-Biphenyl	13.33	154	203509	3.874 ng/ul	99
42) 2-Chloronaphthalene	13.37	162	154442	3.883 ng/ul	100
43) 2-Nitroaniline	13.56	65	32076	3.455 ng/ul	99
45) Dimethylphthalate	13.95	163	200494	3.864 ng/ul	100
46) 2,6-Dinitrotoluene	14.06	165	28246	3.344 ng/ul	95
48) Acenaphthylene	14.22	152	248024	3.907 ng/ul	100
49) 3-Nitroaniline	14.38	138	26555	2.899 ng/ul#	96
50) Acenaphthene	14.56	153	170465	3.875 ng/ul	99
51) 2,4-Dinitrophenol	14.59	184	7005	1.808 ng/ul	87
53) 4-Nitrophenol	14.68	109	27517	3.922 ng/ul	93
54) Dibenzofuran	14.89	168	237092	3.883 ng/ul	99
55) 2,4-Dinitrotoluene	14.84	165	41433	3.348 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.12	232	39104	3.407 ng/ul	99
57) Diethylphthalate	15.32	149	206126	3.840 ng/ul	99
59) Fluorene	15.54	166	196762	3.917 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.54	204	95493	3.842 ng/ul	99
61) 4-Nitroaniline	15.54	138	30009	2.875 ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.60	198	22453	3.250 ng/ul#	75
65) N-Nitrosodiphenylamine	15.74	169	171700	3.830 ng/ul	99
66) 4-Bromophenyl-phenylether	16.43	248	59142	3.603 ng/ul	97
67) Hexachlorobenzene	16.54	284	68801	3.804 ng/ul	98
68) Atrazine	16.69	200	59291	3.441 ng/ul	99
69) Pentachlorophenol	16.88	266	30304	3.037 ng/ul	100
70) Phenanthrene	17.27	178	312972	3.891 ng/ul	99
72) Anthracene	17.36	178	322534	3.904 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.29	216	76879	3.759 ng/uL	99
74) Pentachlorobenzene	14.82	250	75811	3.678 ng/uL	98
75) Carbazole	17.63	167	296172	3.988 ng/ul	99
76) Di-n-butylphthalate	18.21	149	349578	3.717 ng/ul	100
77) Fluoranthene	19.29	202	370858	4.063 ng/ul	99
80) Pyrene	19.64	202	382865	3.792 ng/ul	99
81) Butylbenzylphthalate	20.56	149	135600	3.185 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.32	252	107365	3.026 ng/ul	98
83) Benzo(a)anthracene	21.39	228	400508	3.869 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.34	149	219698	3.401 ng/ul	99
85) Chrysene	21.44	228	369486	3.879 ng/ul	99
87) Di-n-octyl phthalate	22.24	149	373923	3.184 ng/ul	100
88) Benzo(b)fluoranthene	23.01	252	406896	3.771 ng/ul	100
89) Benzo(k)fluoranthene	23.06	252	394513	3.762 ng/ul	99
91) Benzo(a)pyrene	23.60	252	399661	3.881 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.04	276	461092	3.876 ng/ul	99
93) Dibenzo(a,h)anthracene	26.05	278	389438	3.934 ng/ul	99
94) Benzo(g,h,i)perylene	26.74	276	381162	3.901 ng/ul	99

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090519\
Data File : BM022533.D
Acq On : 05 Sep 2019 22:19
Operator : HP/JU
Sample : MDL-S--02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 06 01:42:59 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)

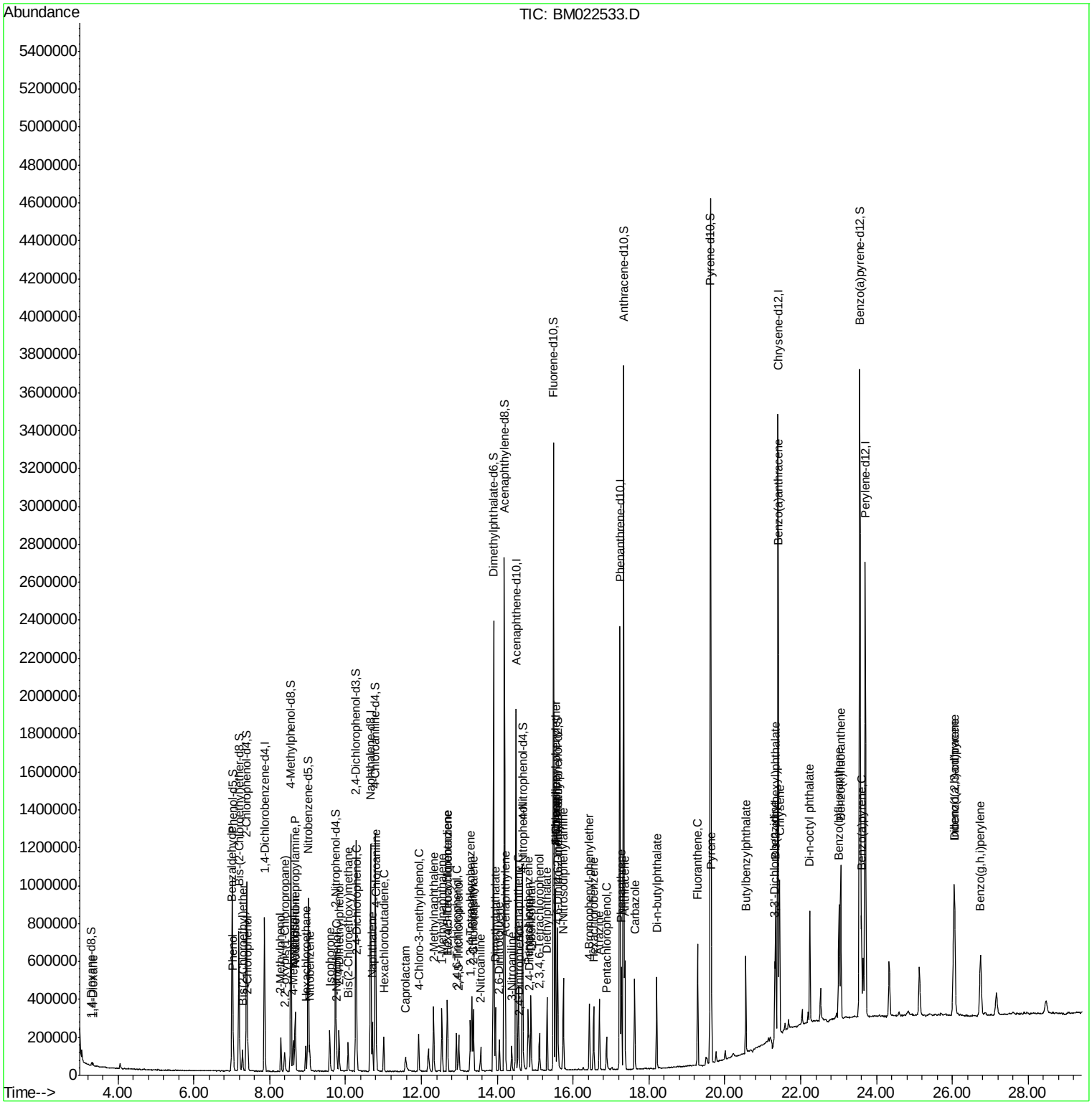
(#) = qualifier out of range (m) = manual integration (+) = signals summed

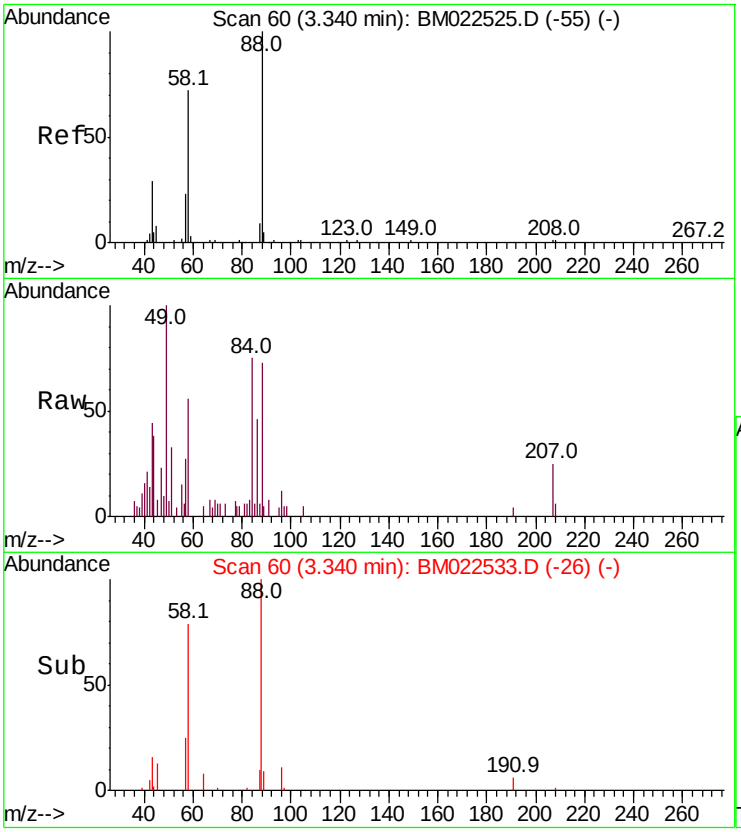
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090519\
Data File : BM022533.D
Acq On : 05 Sep 2019 22:19
Operator : HP/JU
Sample : MDL-S--02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 06 01:42:59 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



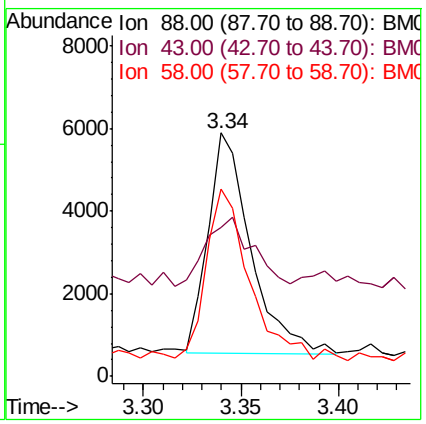


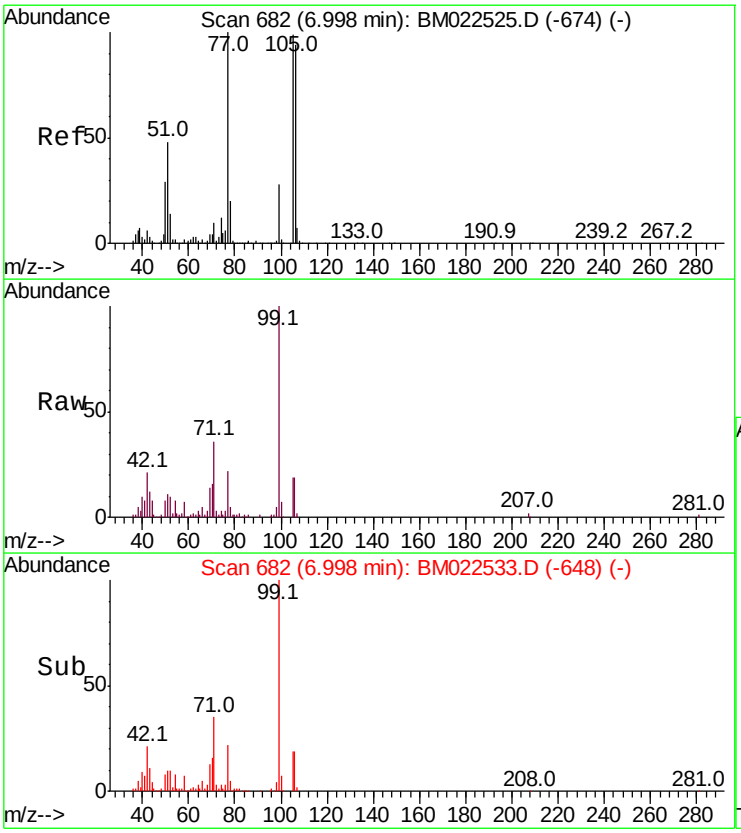
#2
1,4-Dioxane
Concen: 1.588 ng/uL
RT: 3.34 min Scan# 60
Delta R.T. 0.00 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 8143

Ion	Ratio	Lower	Upper
88	100		
43	61.3	37.9	56.9#
58	76.8	59.4	89.0

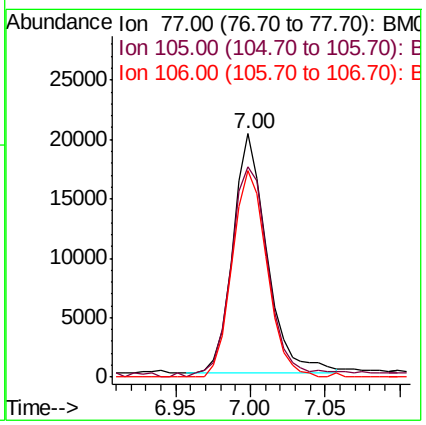


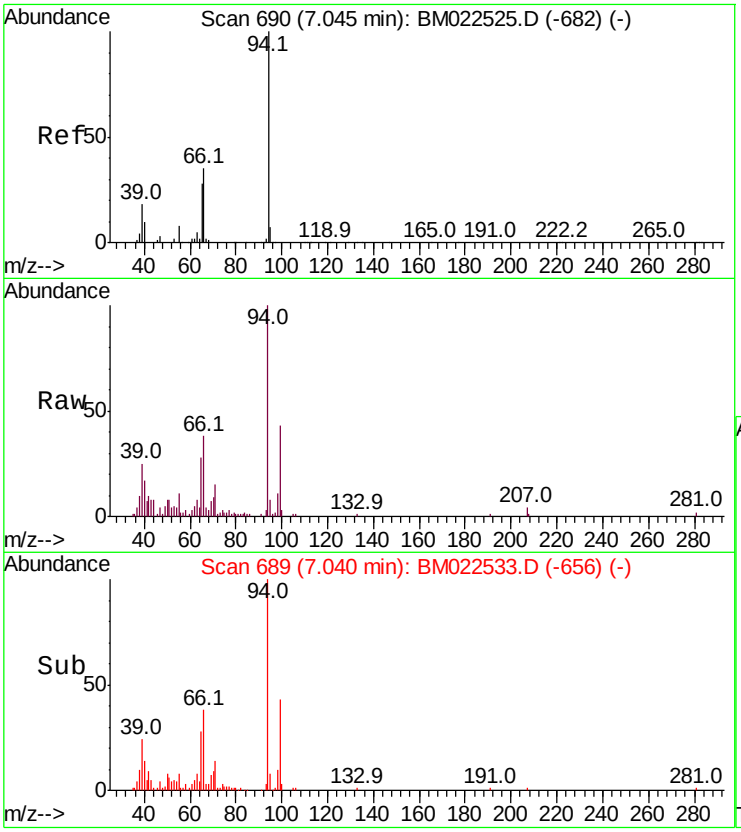


#4
Benzaldehyde
Concen: 3.149 ng/ul
RT: 7.00 min Scan# 682
Delta R.T. 0.00 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Tgt Ion: 77 Resp: 32214

Ion	Ratio	Lower	Upper
77	100		
105	86.5	79.0	118.6
106	85.0	75.1	112.7



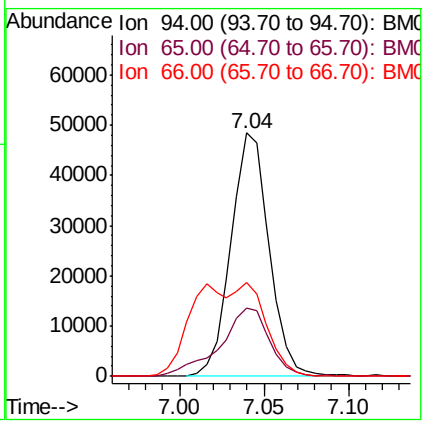


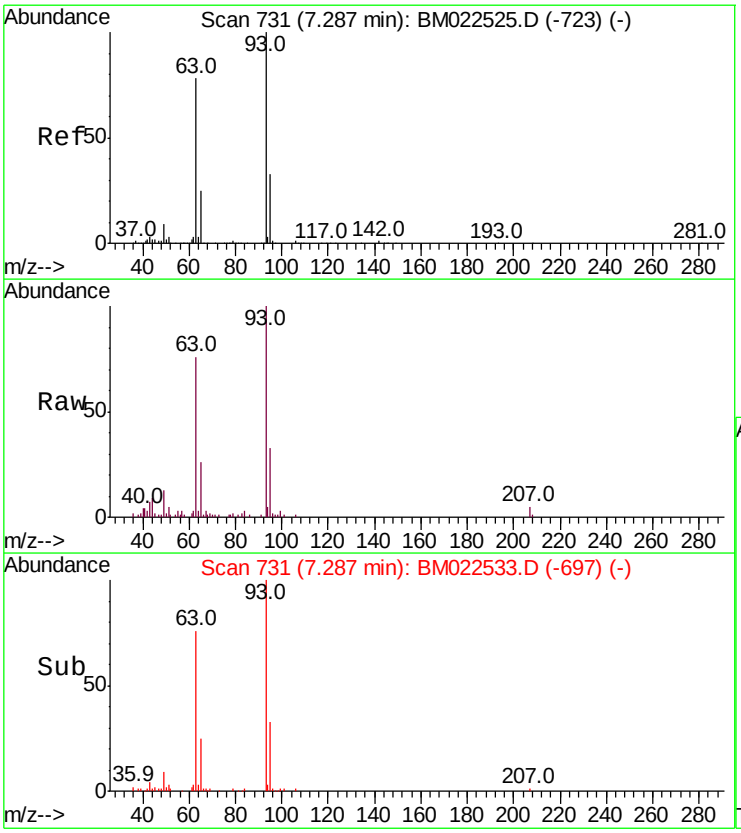
#6
Phenol
Concen: 3.716 ng/ul
RT: 7.04 min Scan# 689
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 76067

Ion	Ratio	Lower	Upper
94	100		
65	28.0	22.8	34.2
66	38.5	29.1	43.7

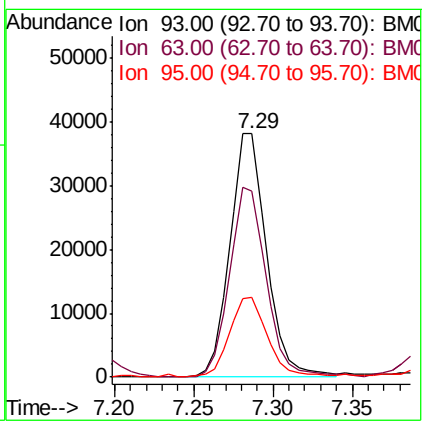


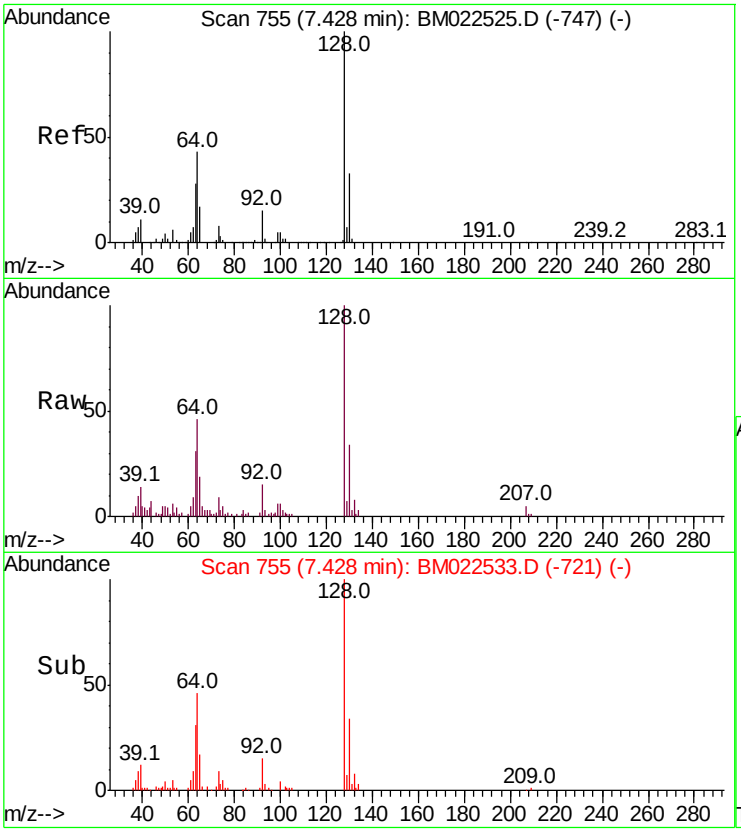


#8
Bis(2-Chloroethyl)ether
Concen: 3.943 ng/ul
RT: 7.29 min Scan# 731
Delta R.T. 0.00 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Tgt Ion: 93 Resp: 61298

Ion	Ratio	Lower	Upper
93	100		
63	76.3	62.2	93.2
95	32.9	26.6	39.8



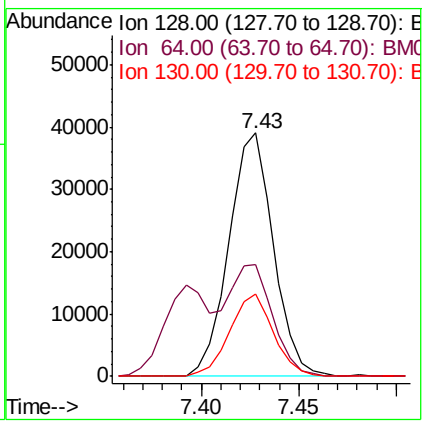


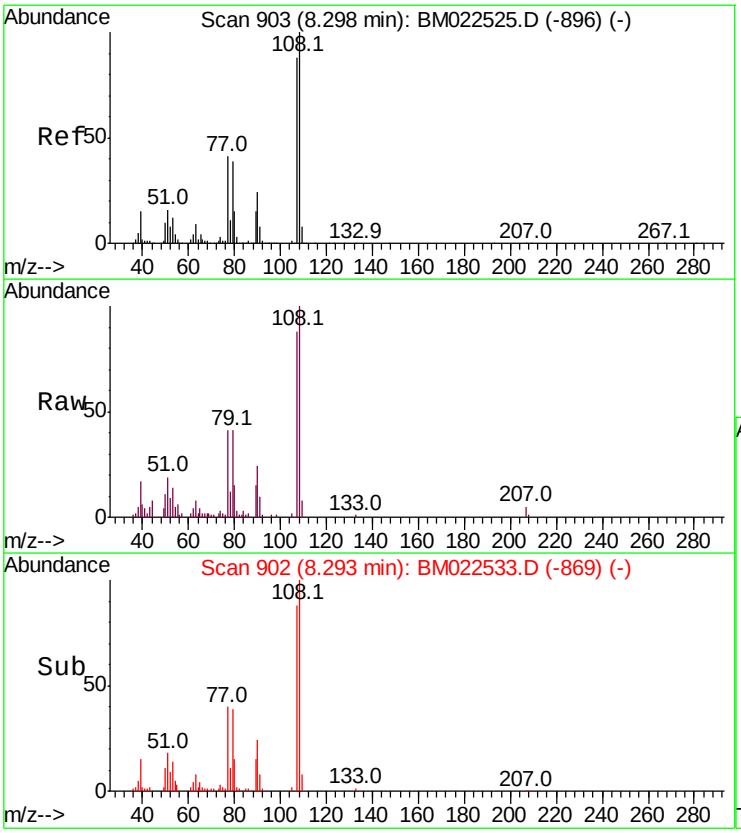
#10
2-Chlorophenol
Concen: 3.789 ng/ul
RT: 7.43 min Scan# 755
Delta R.T. 0.00 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 61616

Ion	Ratio	Lower	Upper
128	100		
64	45.9	36.0	54.0
130	33.8	26.1	39.1

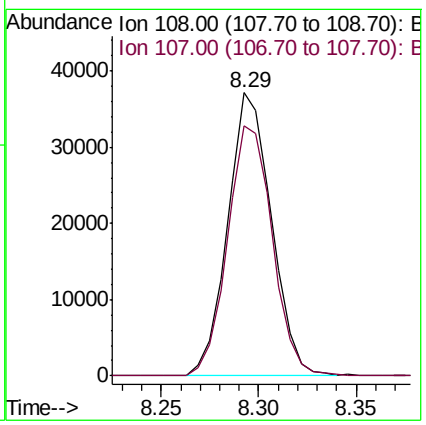


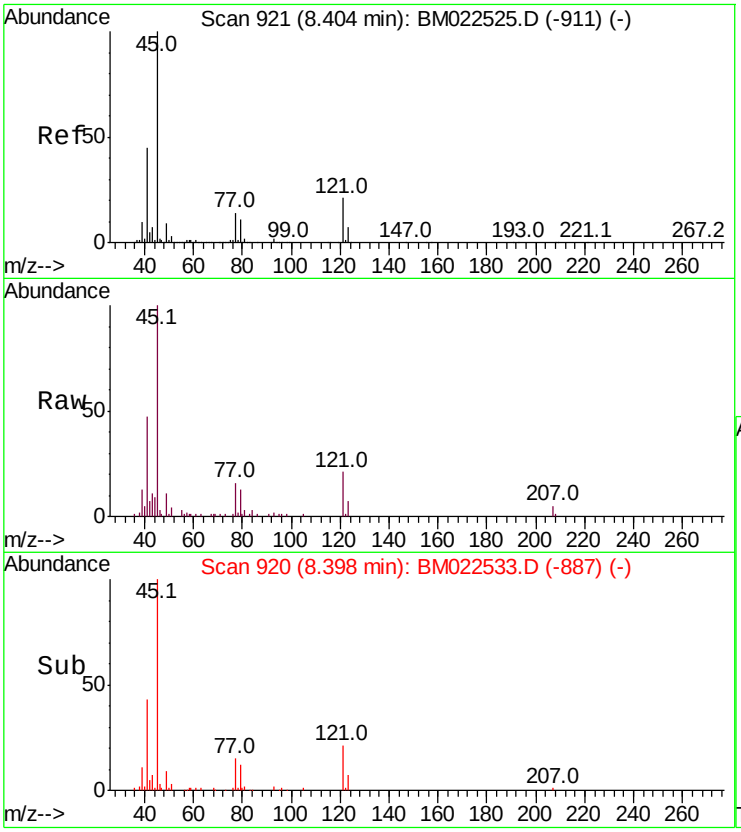


#11
2-Methylphenol
Concen: 3.604 ng/ul
RT: 8.29 min Scan# 902
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Tgt Ion:108 Resp: 57567

Ion	Ratio	Lower	Upper
108	100		
107	88.2	70.7	106.1



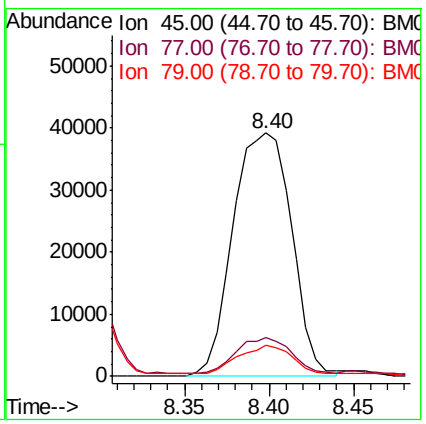


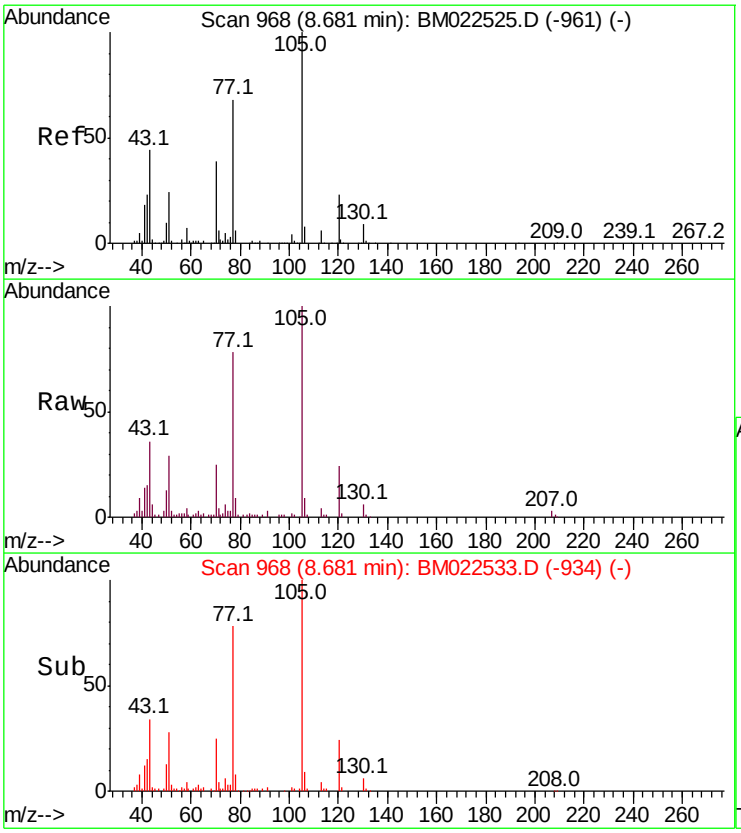
#12
2,2'-oxybis(1-Chloropropane)
Concen: 4.134 ng/ul
RT: 8.40 min Scan# 920
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 45 Resp: 94503

Ion	Ratio	Lower	Upper
45	100		
77	15.8	11.6	17.4
79	12.7	9.0	13.6

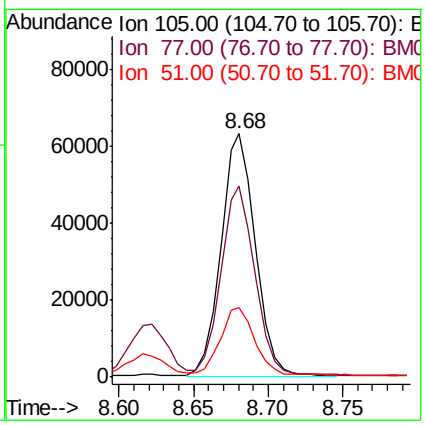


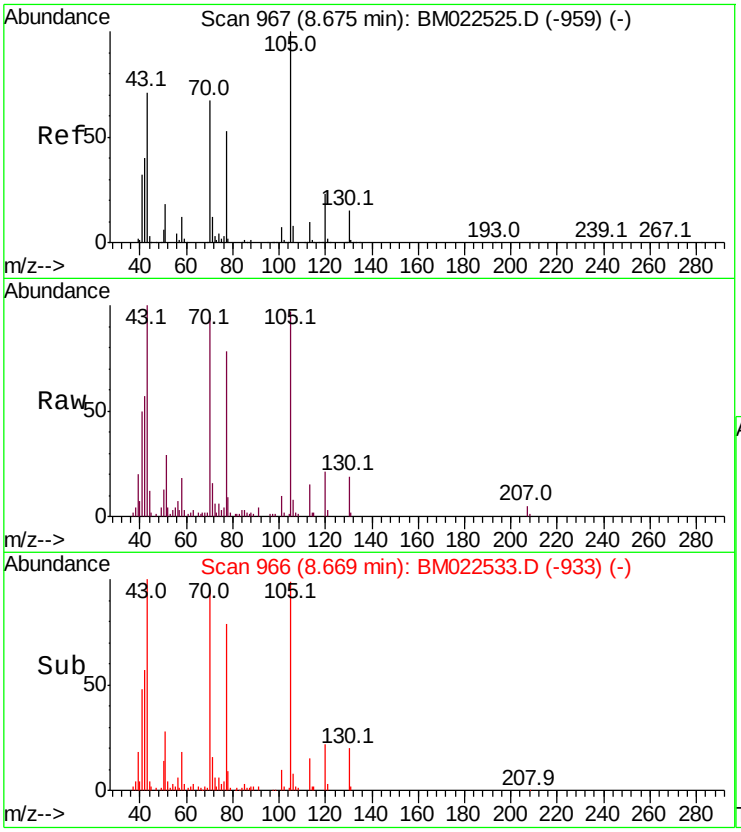


#14
Acetophenone
Concen: 4.086 ng/ul
RT: 8.68 min Scan# 968
Delta R.T. 0.00 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Tgt Ion:105 Resp: 101533

Ion	Ratio	Lower	Upper
105	100		
77	78.3	62.1	93.1
51	28.8	21.8	32.6



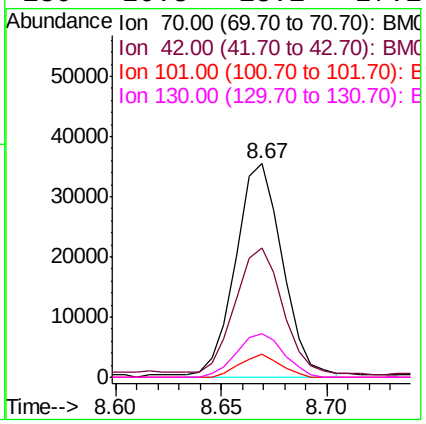


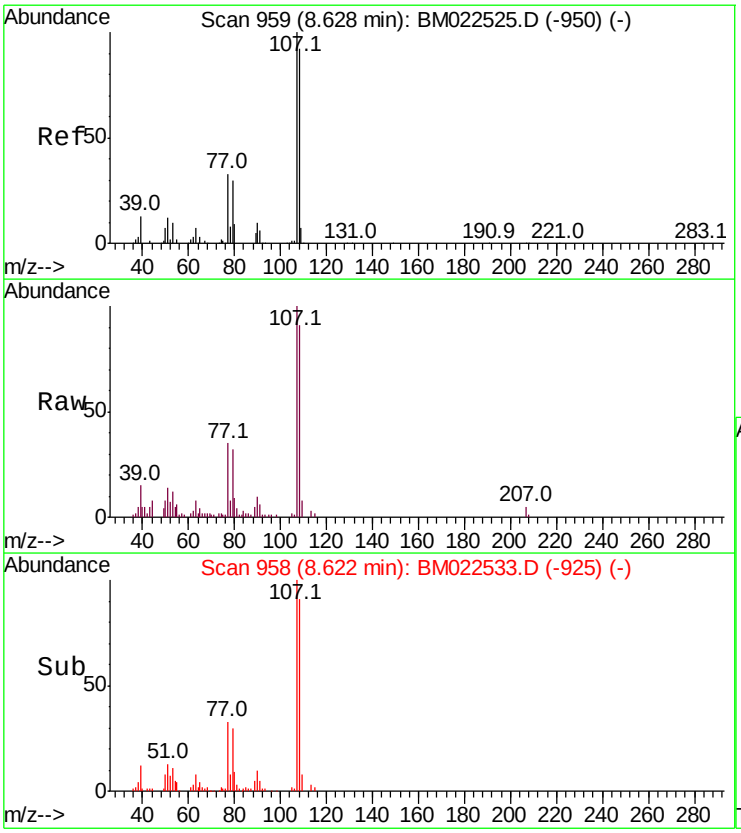
#15
N-Nitroso-di-n-propylamine
Concen: 4.087 ng/ul
RT: 8.67 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 70 Resp: 54861

Ion	Ratio	Lower	Upper
70	100		
42	60.4	48.3	72.5
101	10.9	8.2	12.2
130	20.3	18.1	27.1

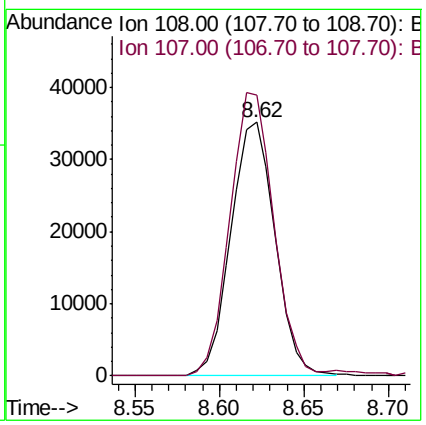


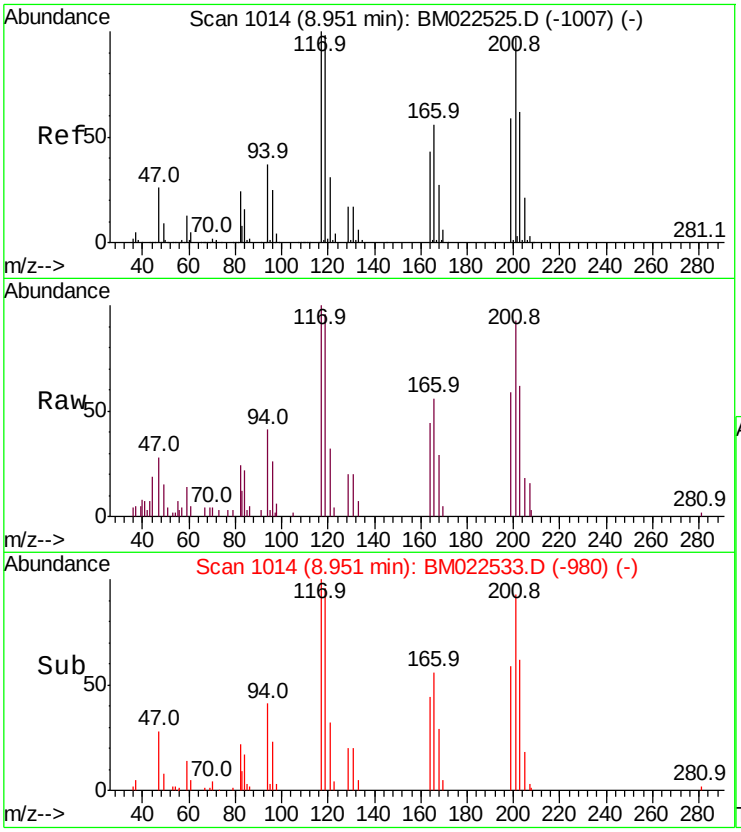


#16
4-Methylphenol
Concen: 3.721 ng/ul
RT: 8.62 min Scan# 958
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Tgt Ion:108 Resp: 64185

Ion	Ratio	Lower	Upper
108	100		
107	110.5	87.2	130.8



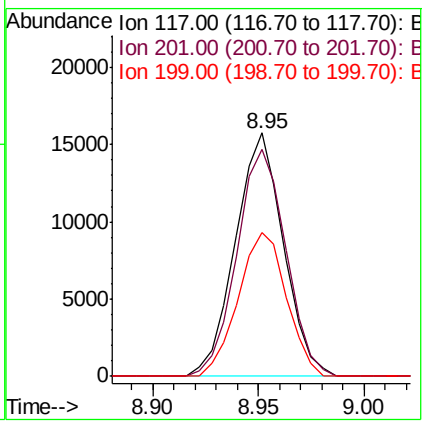


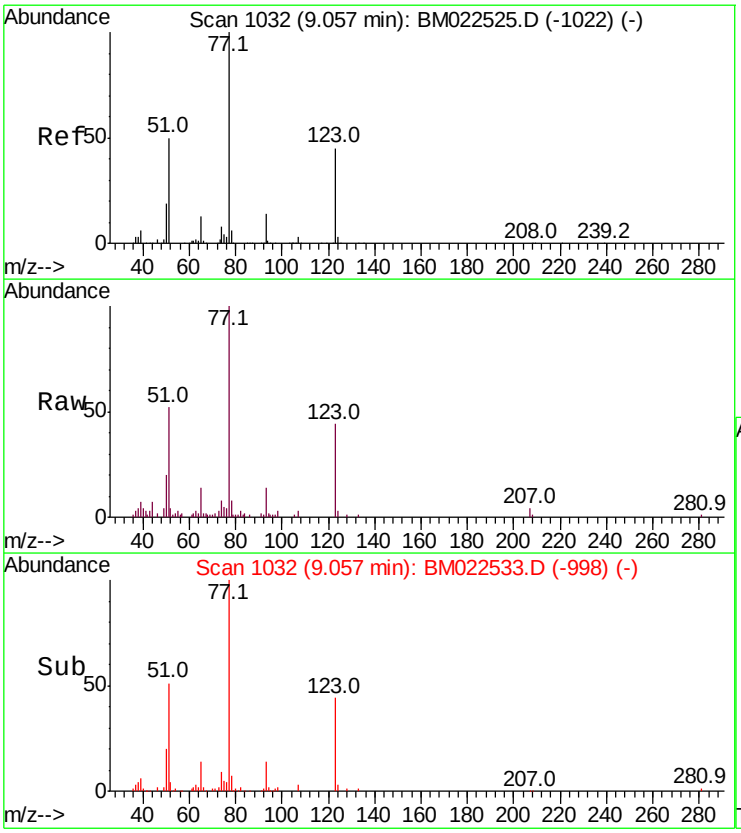
#17
Hexachloroethane
Concen: 3.871 ng/ul
RT: 8.95 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 24940

Ion	Ratio	Lower	Upper
117	100		
201	93.1	77.6	116.4
199	59.2	47.6	71.4

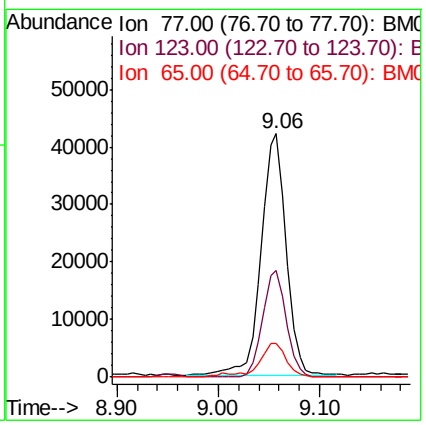


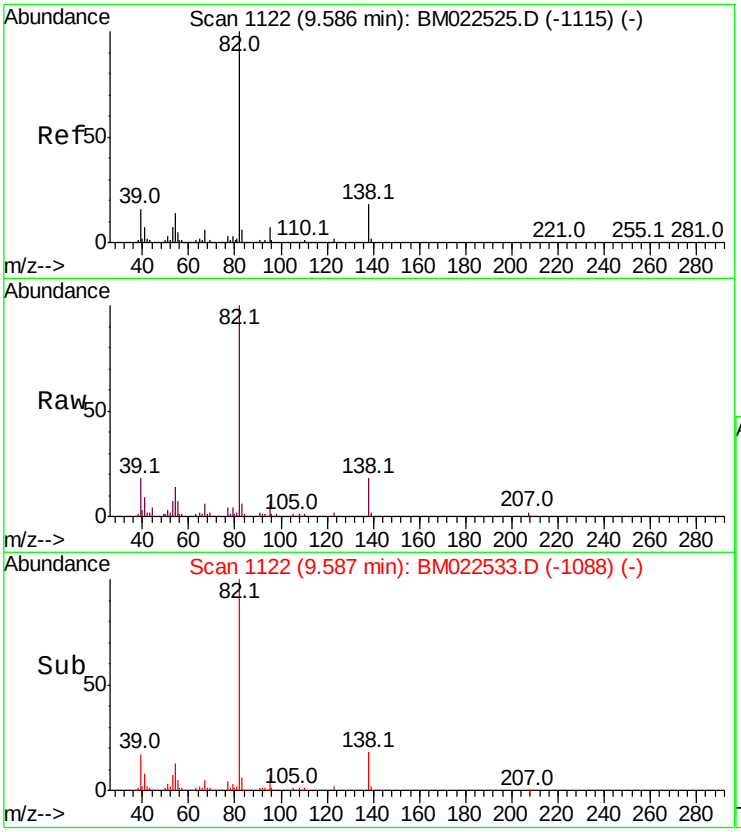


#20
Nitrobenzene
Concen: 4.141 ng/ul
RT: 9.06 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Tgt Ion: 77 Resp: 72069

Ion	Ratio	Lower	Upper
77	100		
123	43.9	35.8	53.6
65	13.6	10.5	15.7



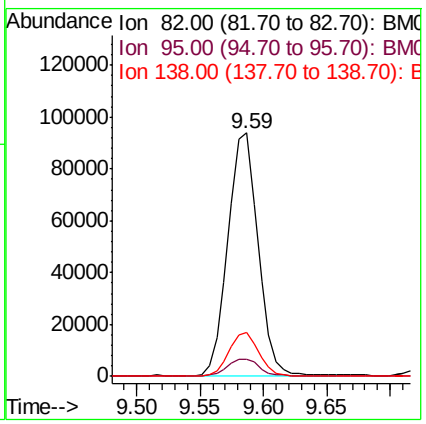


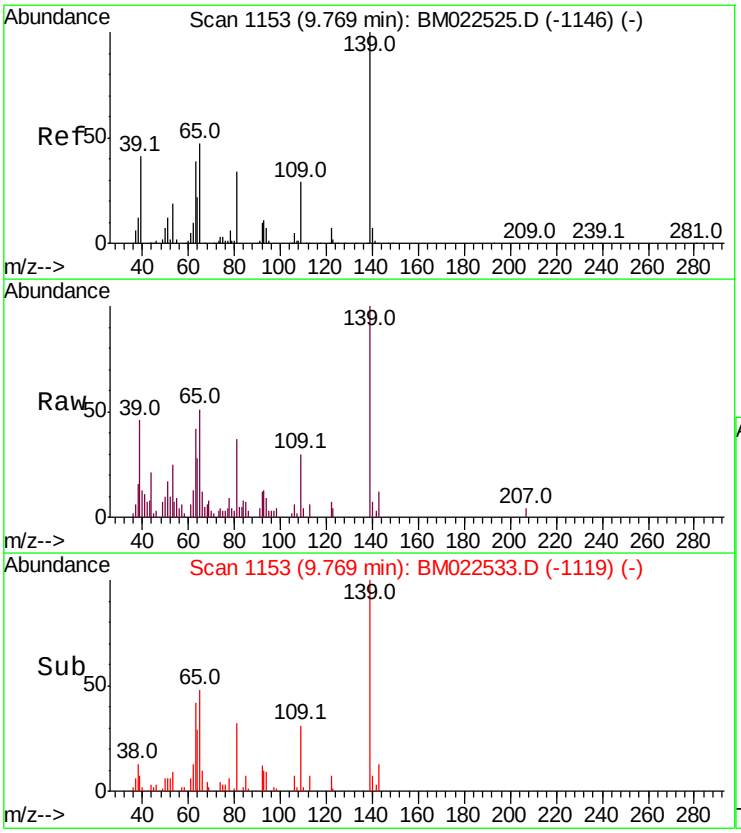
#21
Isophorone
Concen: 3.928 ng/ul
RT: 9.59 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 153194

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	18.2	14.4	21.6

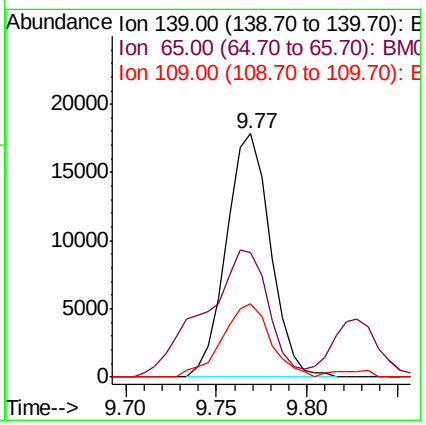


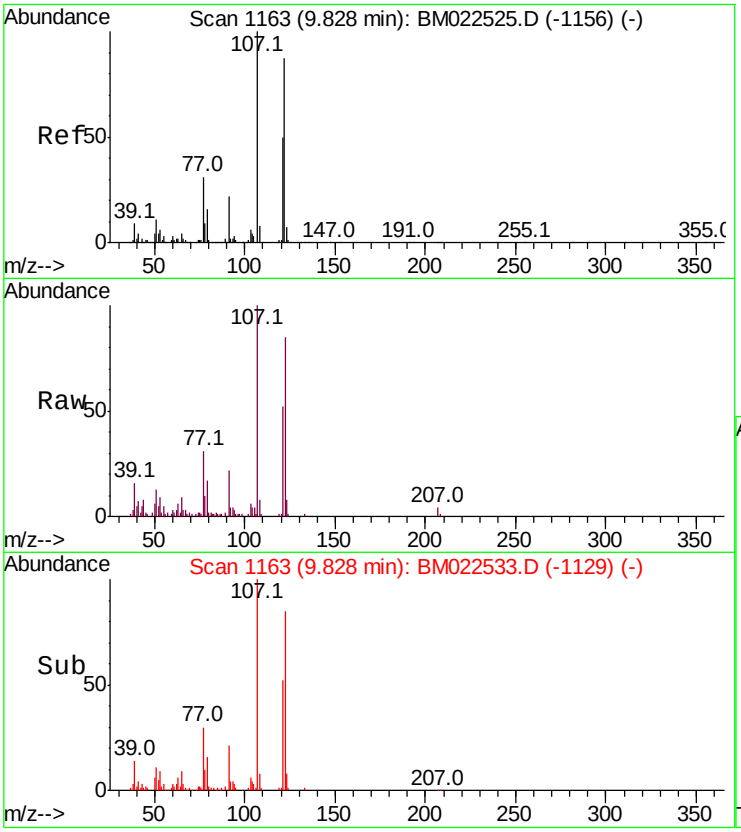


#23
2-Nitrophenol
Concen: 3.978 ng/ul
RT: 9.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Tgt Ion:139 Resp: 30286

Ion	Ratio	Lower	Upper
139	100		
65	51.2	39.3	58.9
109	29.9	23.5	35.3



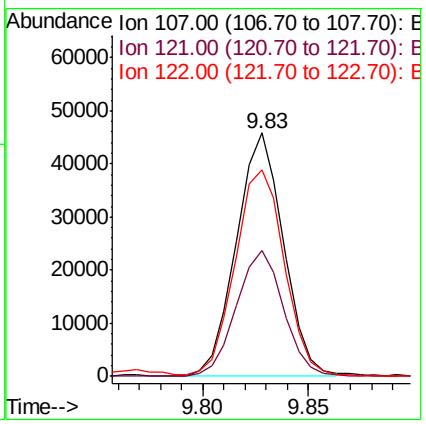


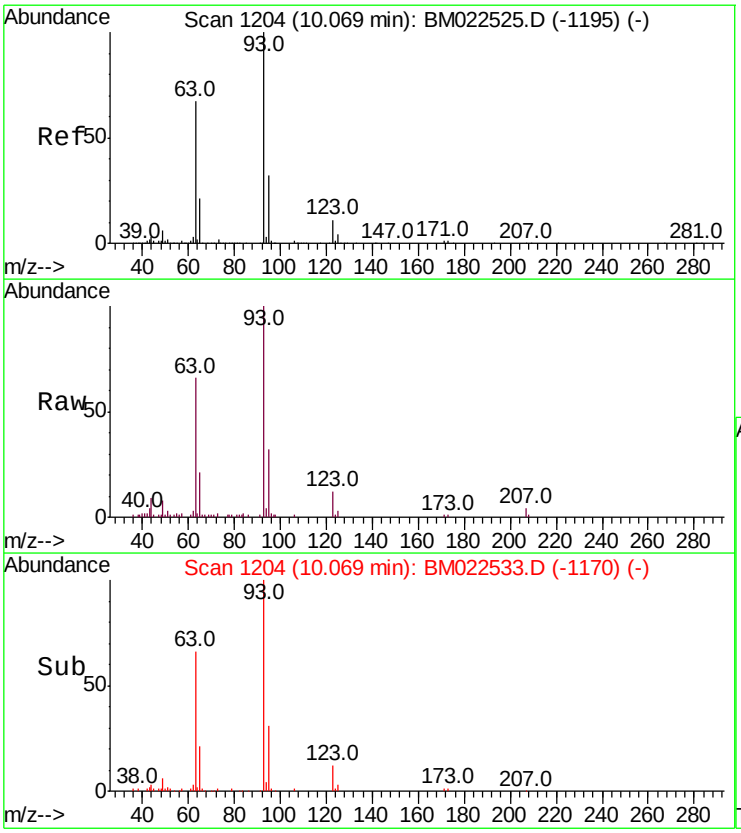
#24
2,4-Dimethylphenol
Concen: 3.717 ng/ul
RT: 9.83 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 70946

Ion	Ratio	Lower	Upper
107	100		
121	51.9	40.2	60.4
122	84.7	70.2	105.2

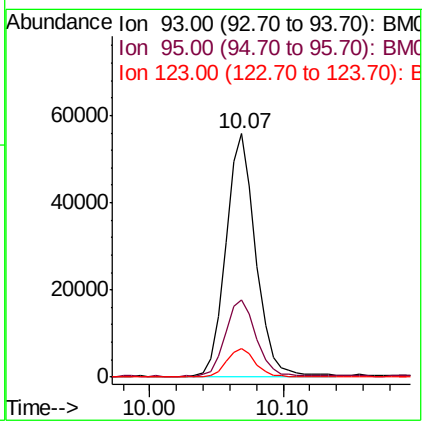


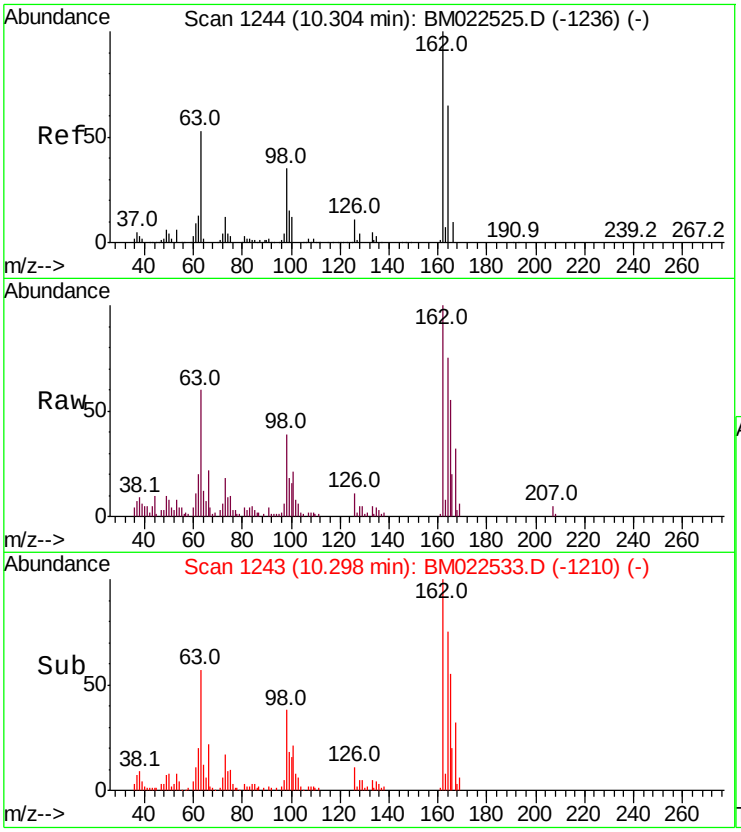


#25
Bis(2-Chloroethoxy)methane
Concen: 3.841 ng/ul
RT: 10.07 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Tgt Ion: 93 Resp: 87825

Ion	Ratio	Lower	Upper
93	100		
95	31.5	26.1	39.1
123	11.6	9.2	13.8



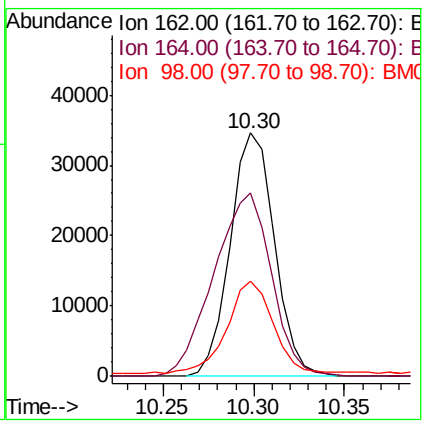


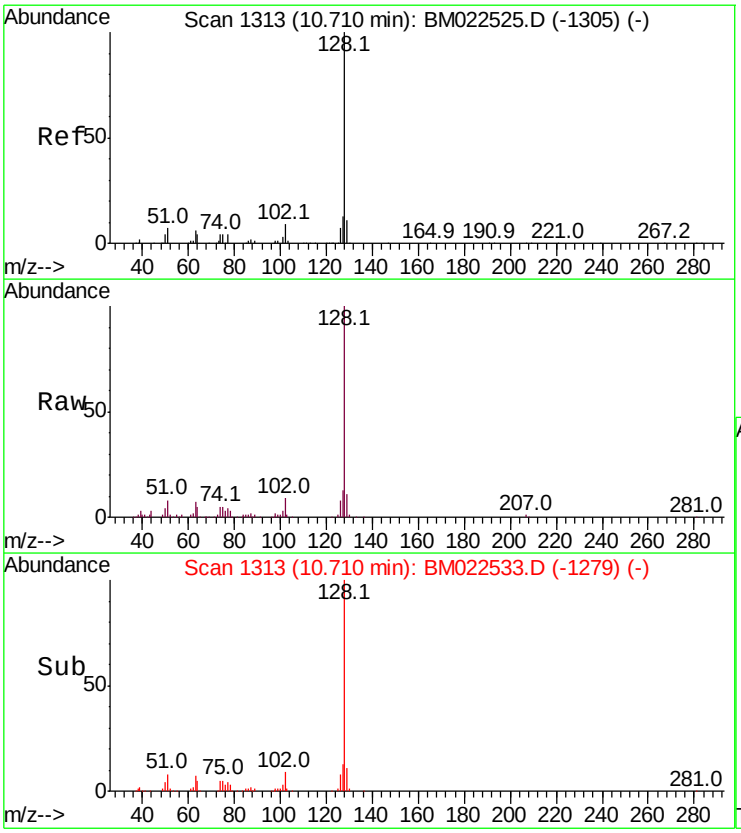
#27
2,4-Dichlorophenol
Concen: 3.667 ng/ul
RT: 10.30 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:162 Resp: 58963

Ion	Ratio	Lower	Upper
162	100		
164	75.1	52.1	78.1
98	39.1	28.9	43.3

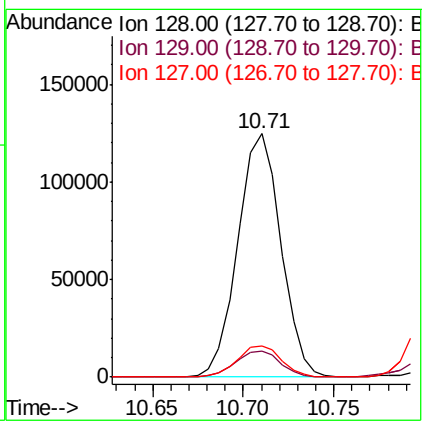


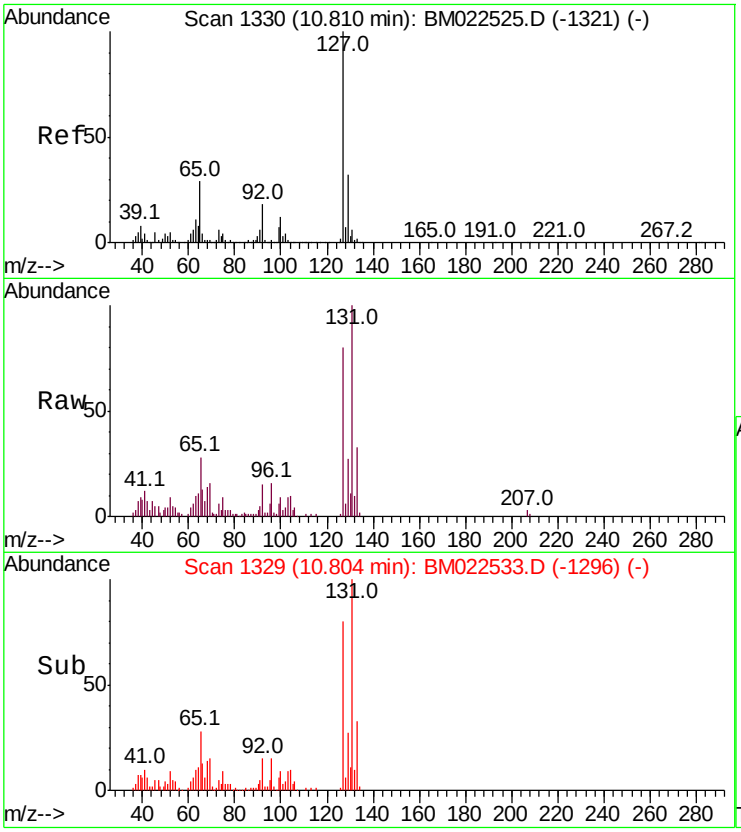


#28
Naphthalene
Concen: 3.863 ng/ul
RT: 10.71 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Tgt Ion:128 Resp: 206499

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.0	10.6	16.0



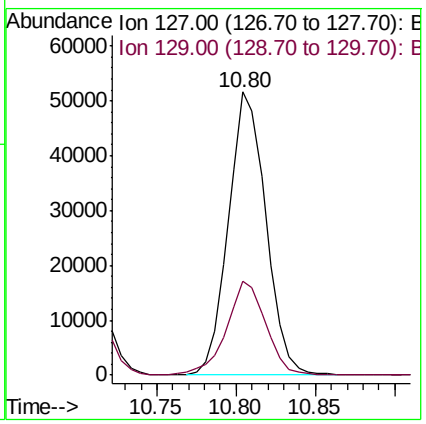


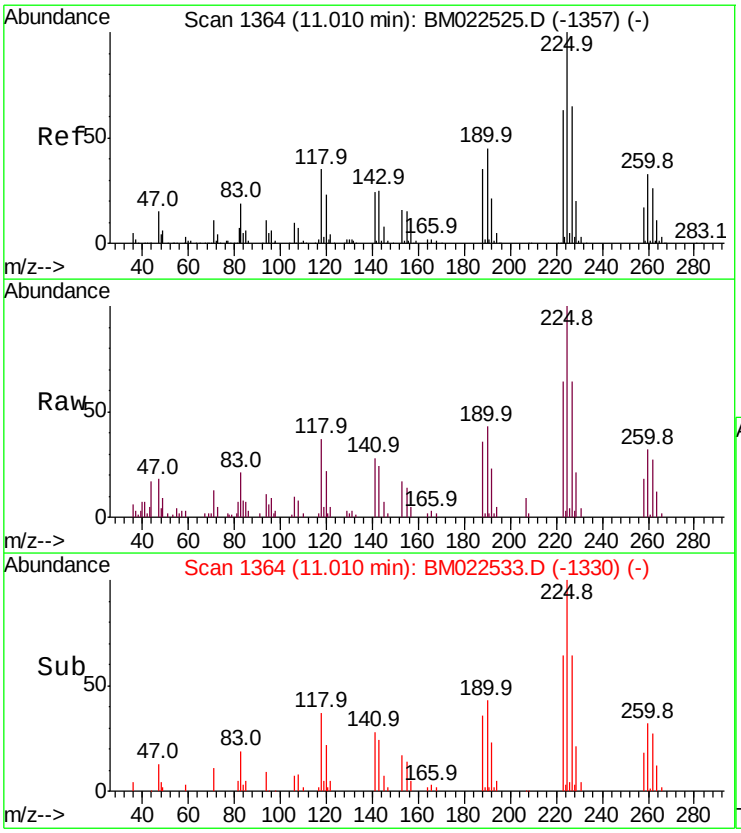
#30
4-Chloroaniline
Concen: 3.834 ng/ul
RT: 10.80 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp: 84723

Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.4	38.2

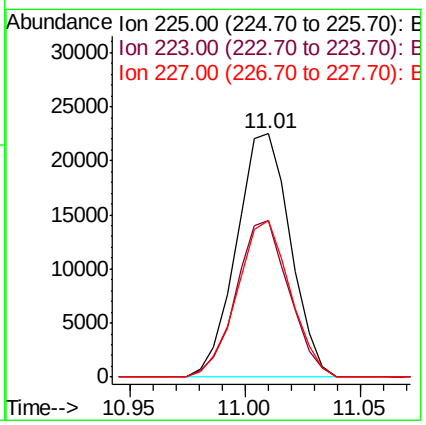


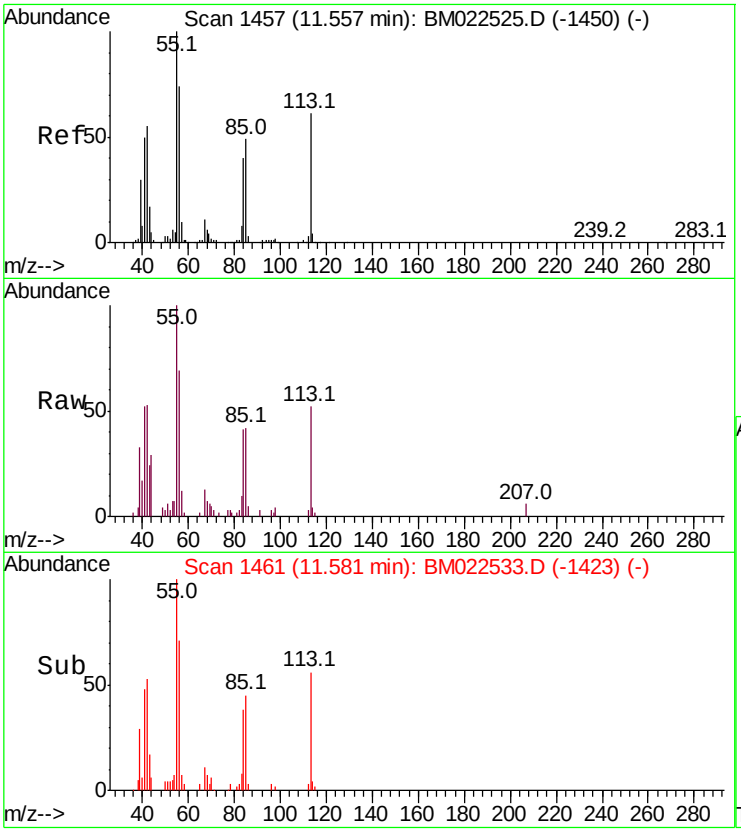


#31
Hexachlorobutadiene
Concen: 3.704 ng/ul
RT: 11.01 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Tgt Ion:225 Resp: 36691

Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.1	75.1
227	64.2	51.8	77.8



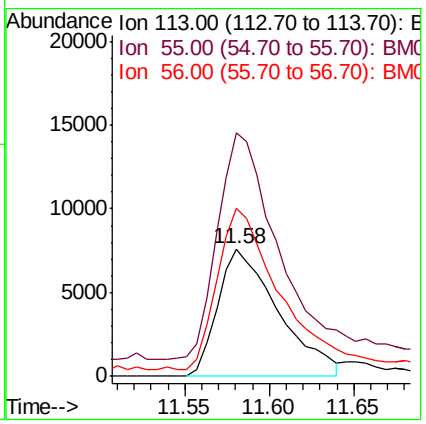


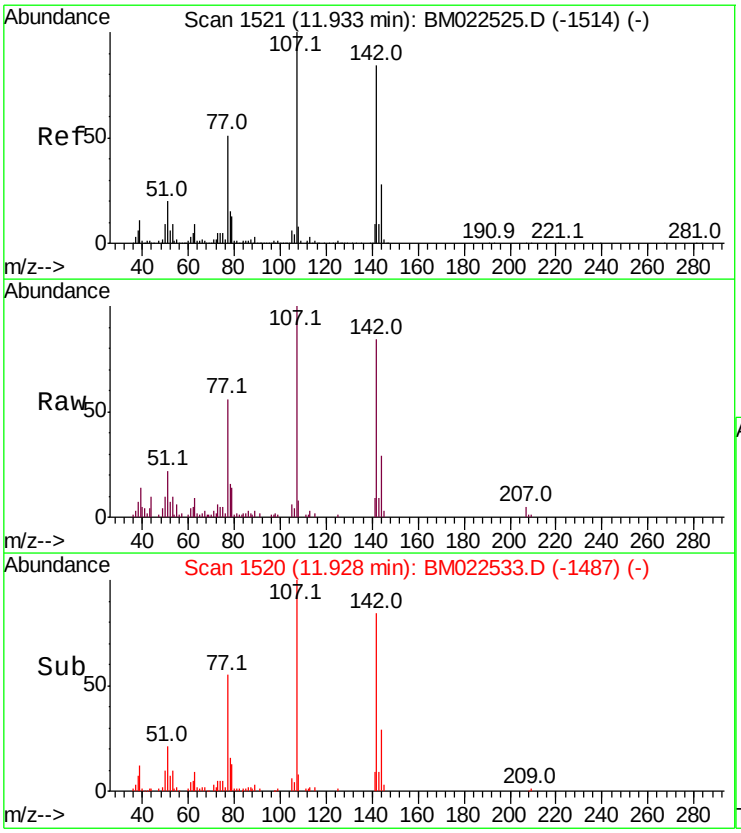
#32
Caprolactam
Concen: 3.167 ng/ul
RT: 11.58 min Scan# 1461
Delta R.T. 0.02 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:113 Resp: 18958

Ion	Ratio	Lower	Upper
113	100		
55	191.0	135.6	203.4
56	131.6	98.4	147.6

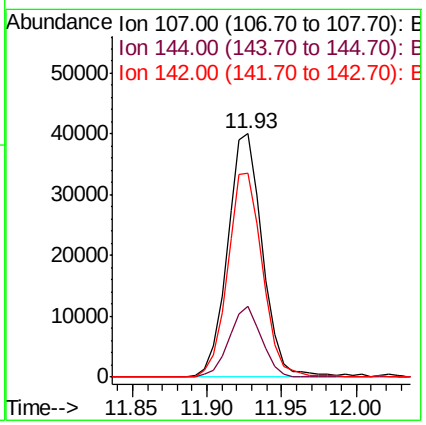


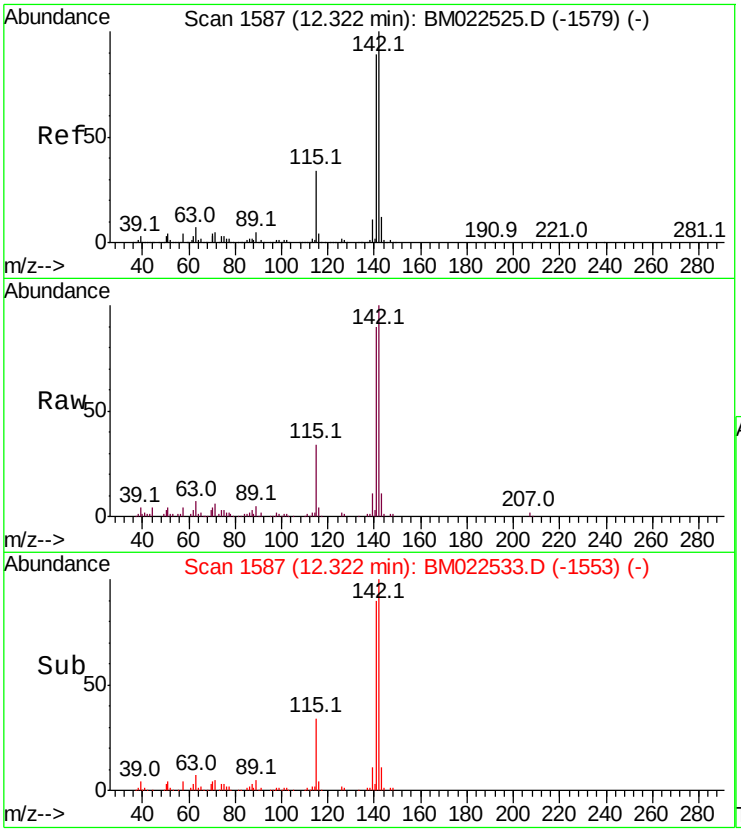


#33
4-Chloro-3-methylphenol
Concen: 3.694 ng/ul
RT: 11.93 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Tgt Ion:107 Resp: 65541

Ion	Ratio	Lower	Upper
107	100		
144	29.1	22.6	34.0
142	84.0	67.0	100.4



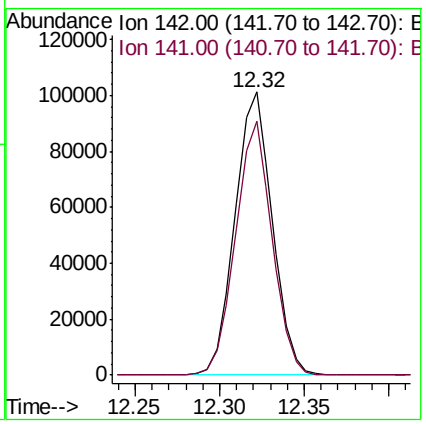


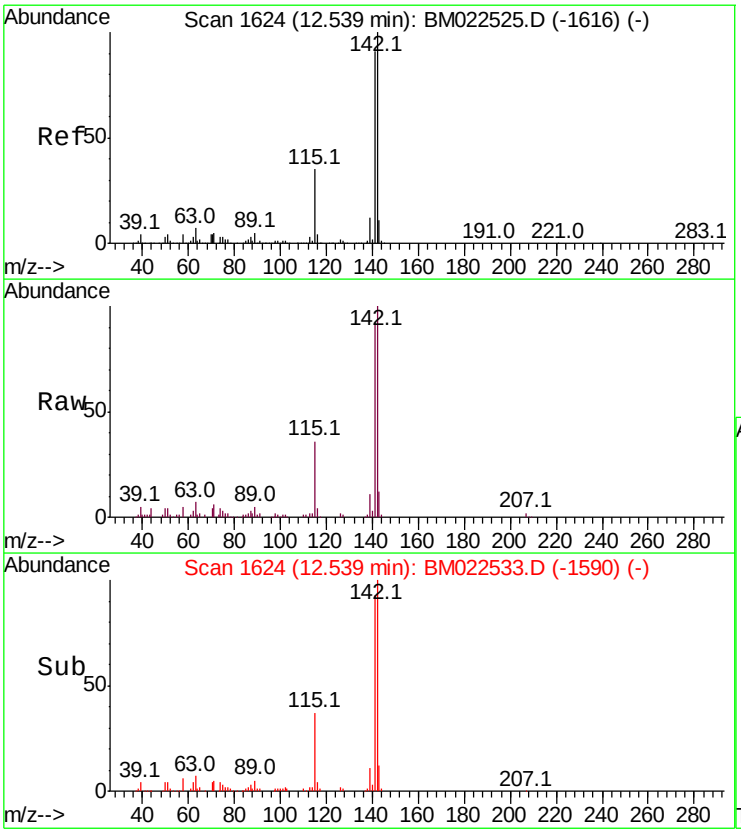
#34
2-Methylnaphthalene
Concen: 3.860 ng/ul
RT: 12.32 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 155460

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.0	106.4

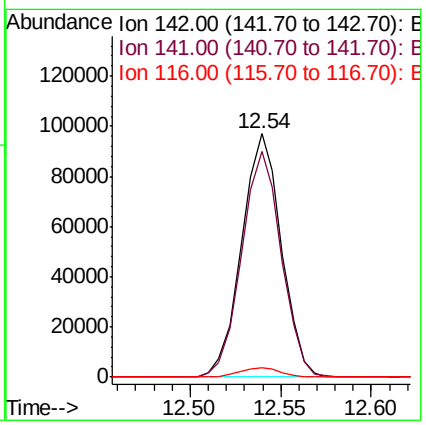


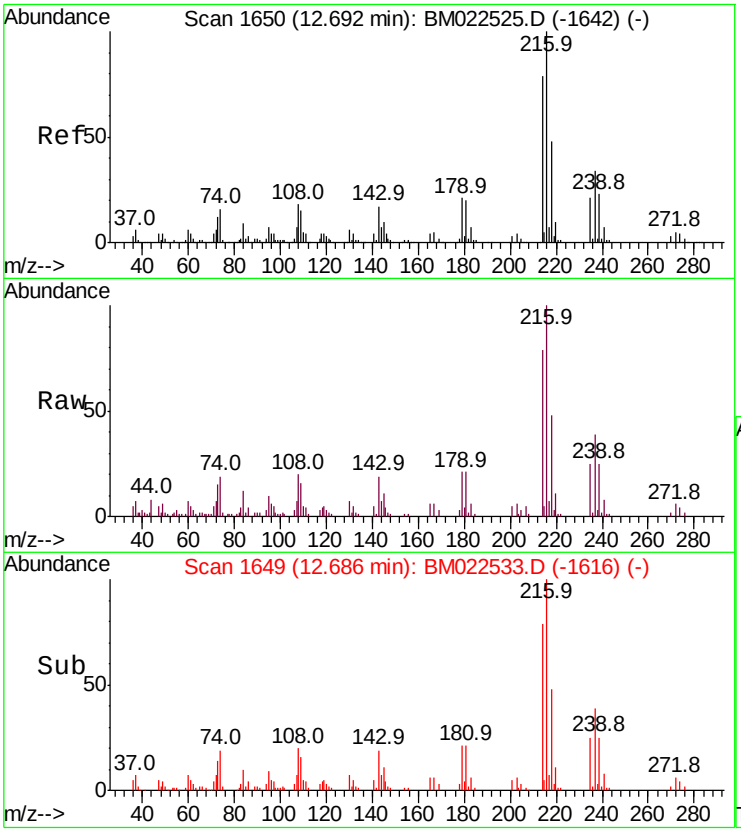


#35
1-Methylnaphthalene
Concen: 3.835 ng/ul
RT: 12.54 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Tgt Ion:142 Resp: 147557

Ion	Ratio	Lower	Upper
142	100		
141	92.5	72.6	108.8
116	4.0	3.0	4.4



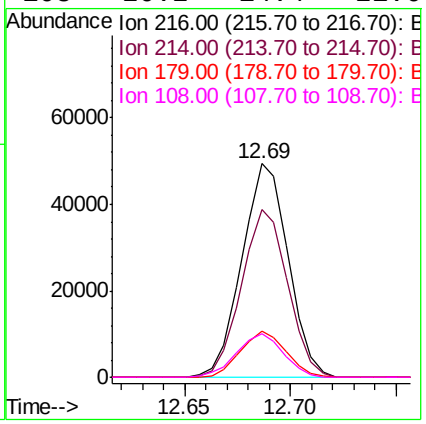


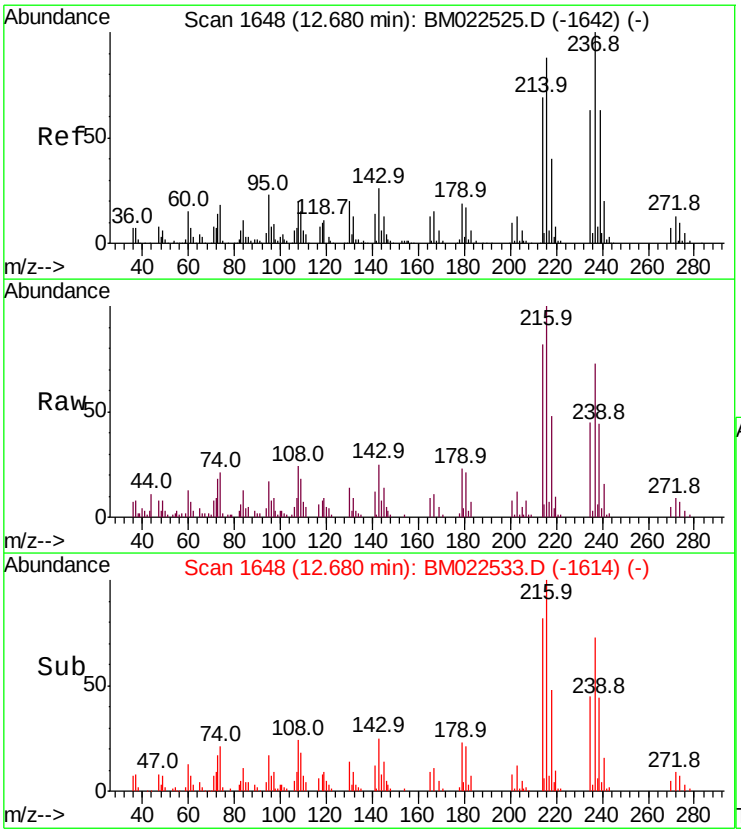
#37
1,2,4,5-Tetrachlorobenzene
Concen: 3.694 ng/ul
RT: 12.69 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:216 Resp: 75184

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.4	95.0
179	21.5	16.7	25.1
108	20.2	14.4	21.6

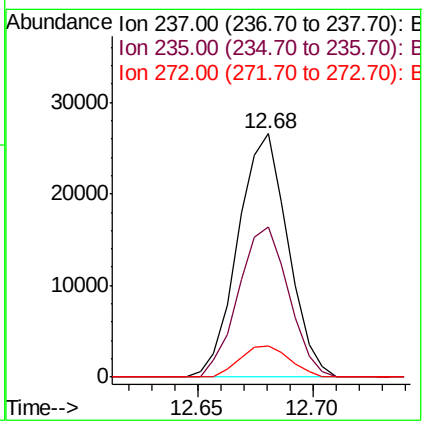


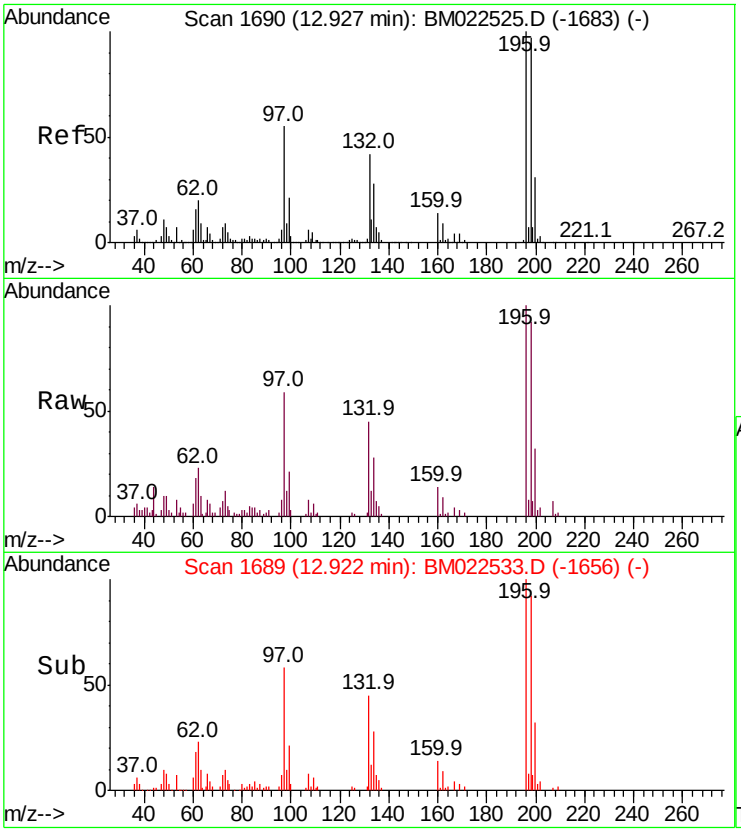


#38
Hexachlorocyclopentadiene
Concen: 3.198 ng/ul
RT: 12.68 min Scan# 1648
Delta R.T. 0.00 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Tgt Ion:237 Resp: 40131

Ion	Ratio	Lower	Upper
237	100		
235	61.7	50.1	75.1
272	12.7	10.2	15.4



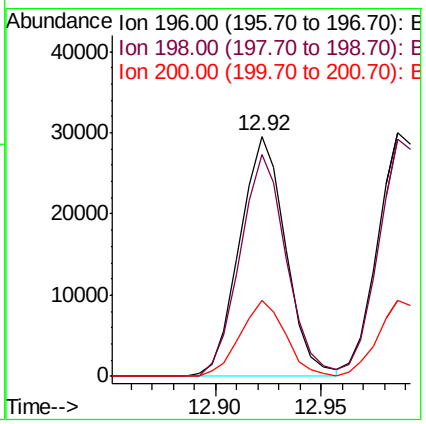


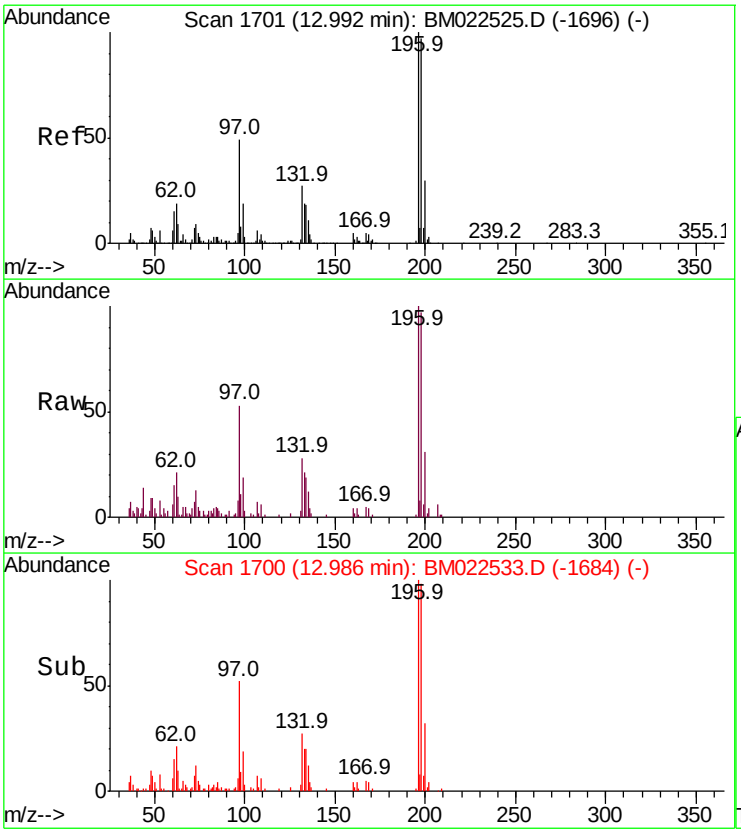
#39
2,4,6-Trichlorophenol
Concen: 3.514 ng/ul
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:196 Resp: 44774

Ion	Ratio	Lower	Upper
196	100		
198	92.4	77.7	116.5
200	31.5	24.6	37.0

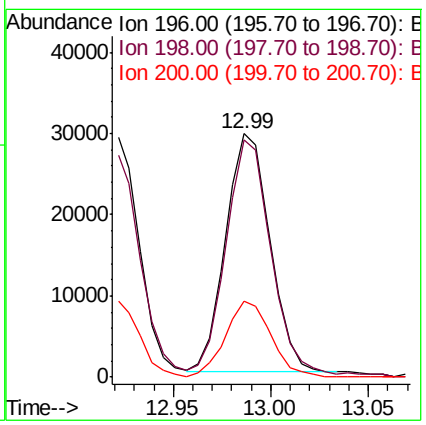


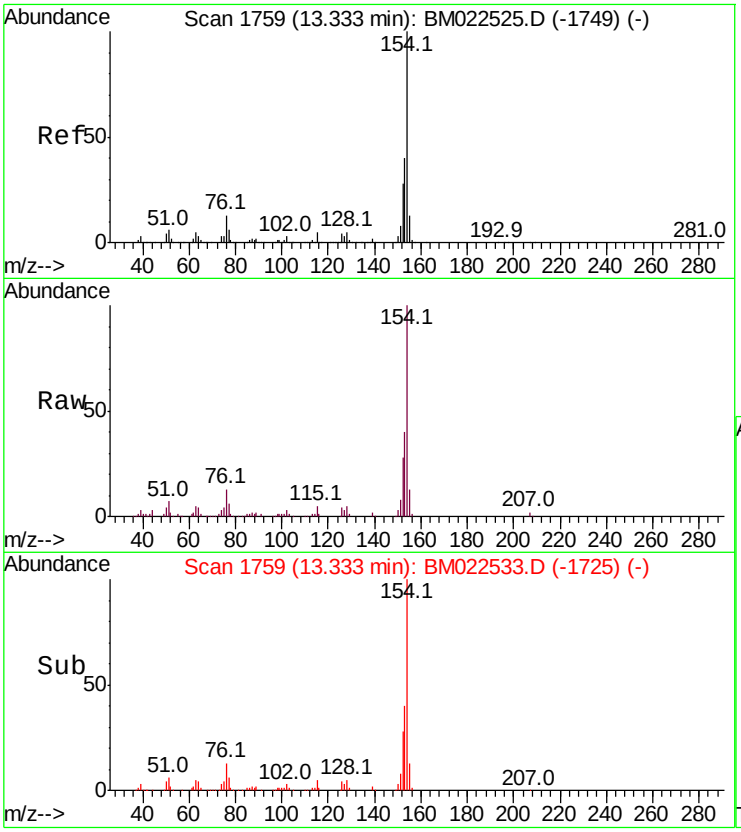


#40
2,4,5-Trichlorophenol
Concen: 3.347 ng/ul
RT: 12.99 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Tgt Ion:196 Resp: 46239

Ion	Ratio	Lower	Upper
196	100		
198	97.3	77.4	116.0
200	31.3	24.0	36.0



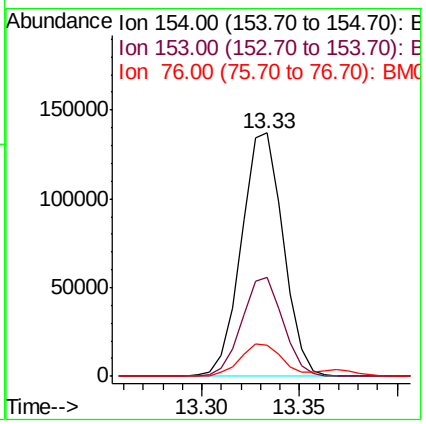


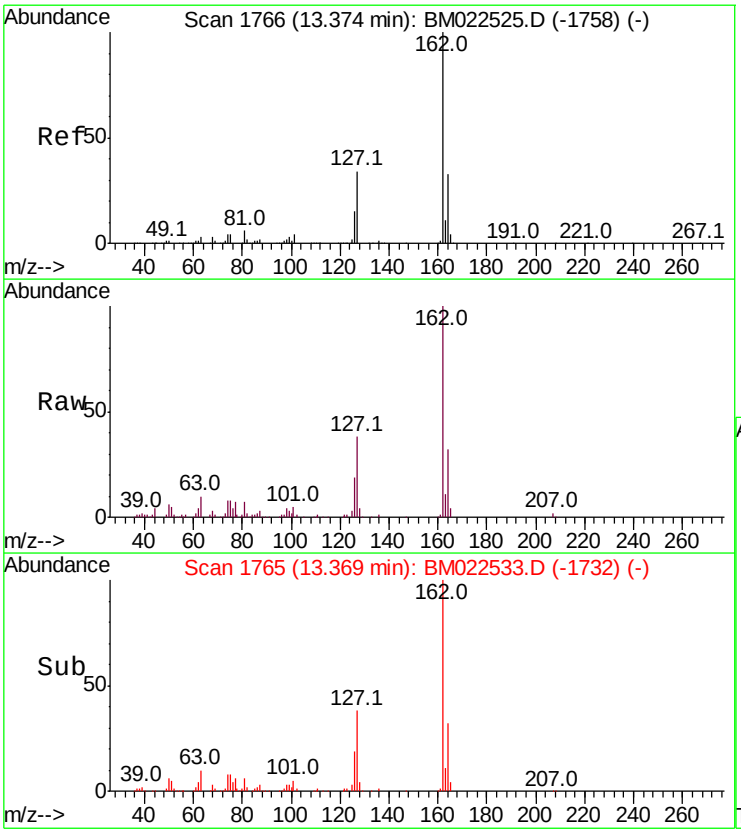
#41
1,1'-Biphenyl
Concen: 3.874 ng/ul
RT: 13.33 min Scan# 1759
Delta R.T. 0.00 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 203509

Ion	Ratio	Lower	Upper
154	100		
153	40.5	32.1	48.1
76	12.9	10.2	15.2

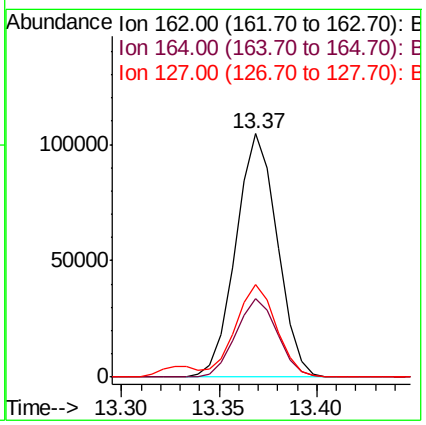


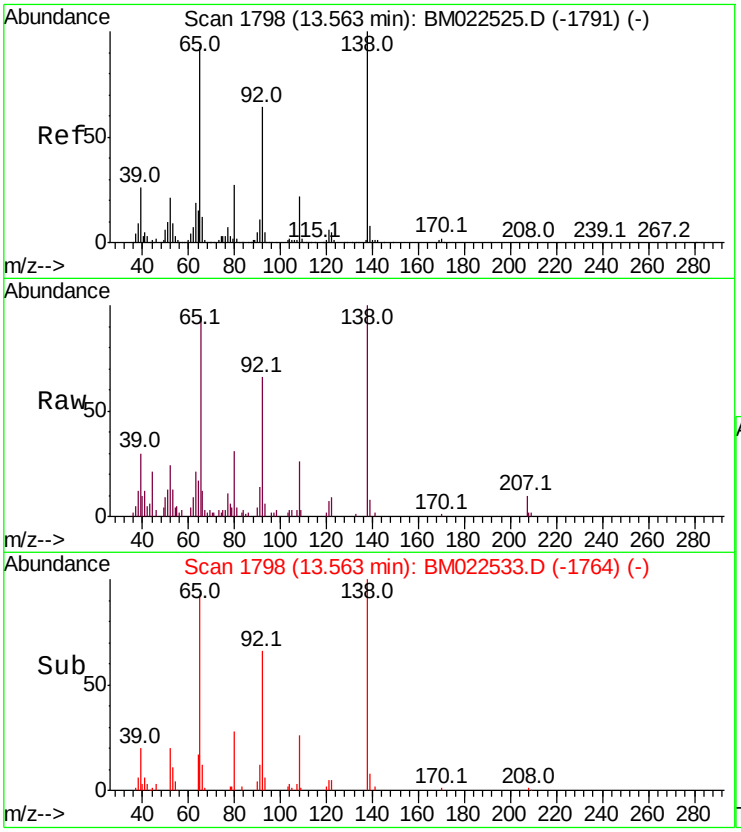


#42
2-Chloronaphthalene
Concen: 3.883 ng/ul
RT: 13.37 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Tgt Ion:162 Resp: 154442

Ion	Ratio	Lower	Upper
162	100		
164	32.4	26.1	39.1
127	37.8	30.1	45.1



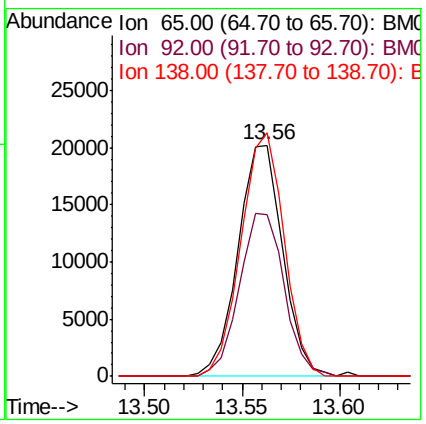


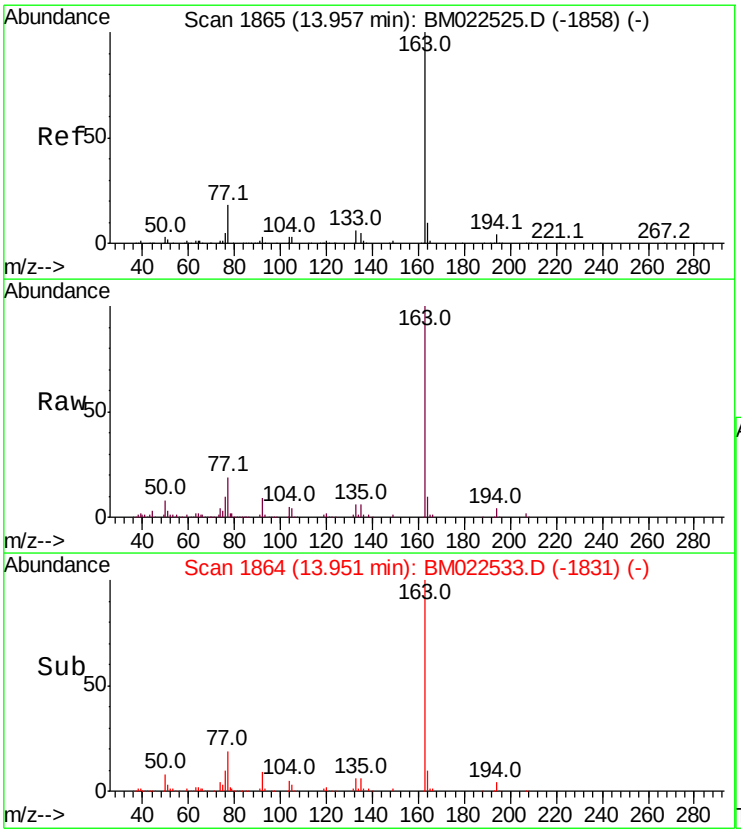
#43
2-Nitroaniline
Concen: 3.455 ng/ul
RT: 13.56 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 65 Resp: 32076

Ion	Ratio	Lower	Upper
65	100		
92	70.0	55.7	83.5
138	105.4	86.0	129.0

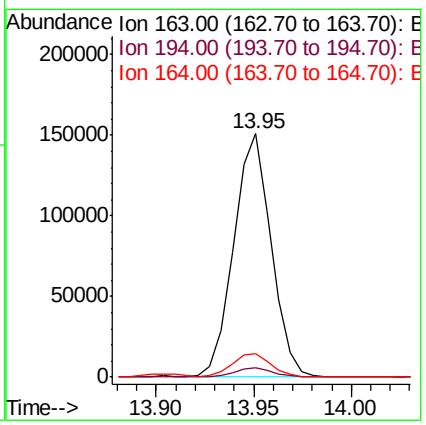


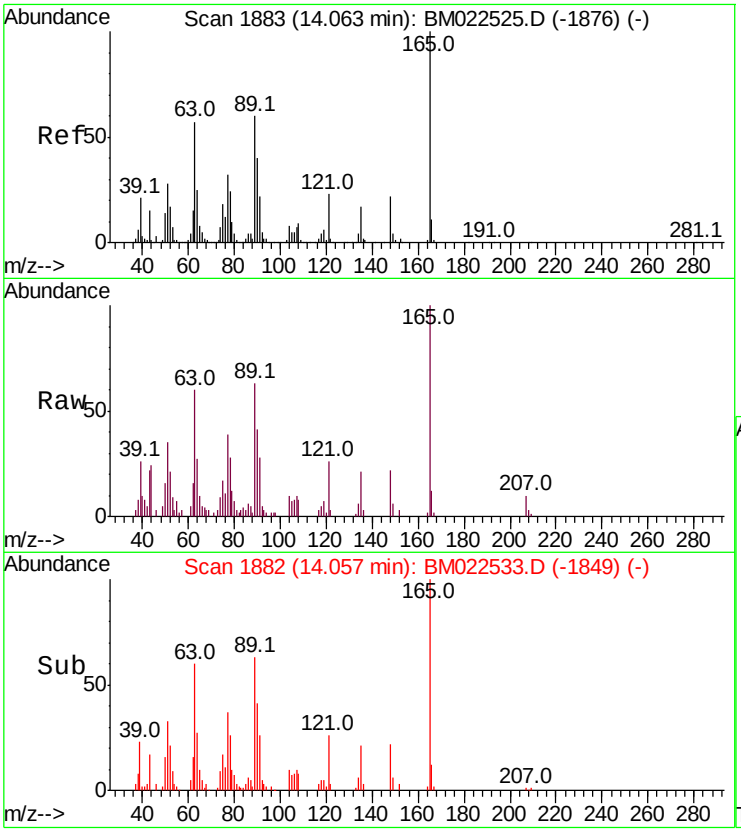


#45
Dimethylphthalate
Concen: 3.864 ng/ul
RT: 13.95 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Tgt Ion:163 Resp: 200494

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	9.9	7.8	11.8



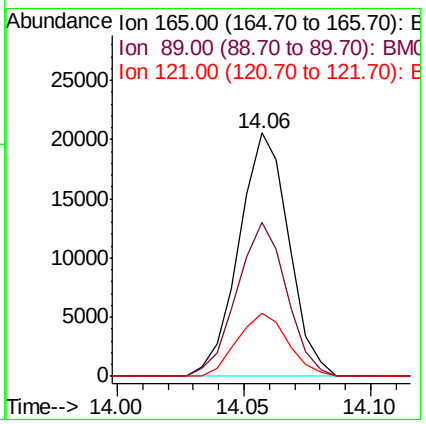


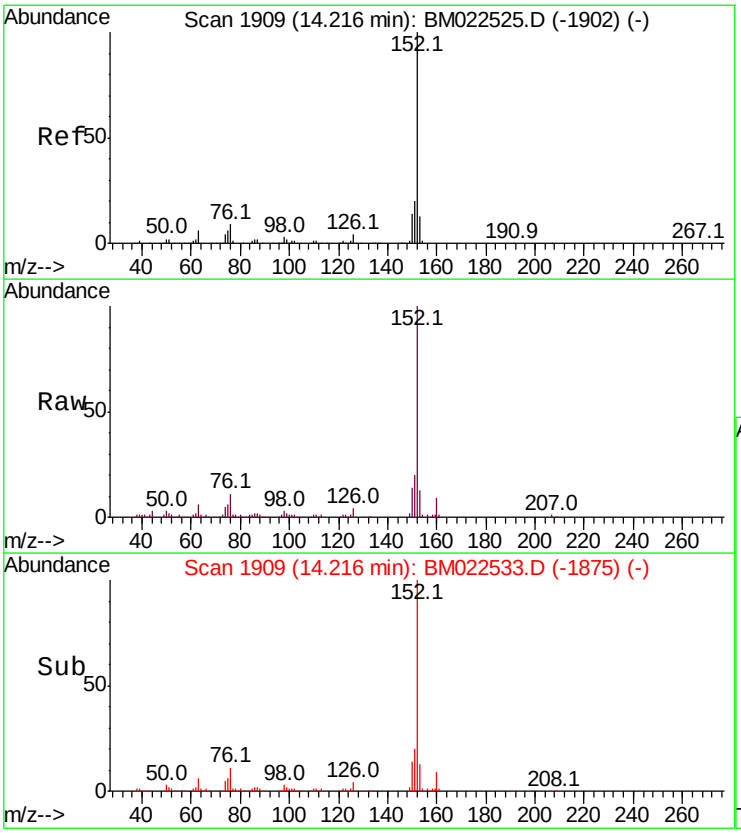
#46
2,6-Dinitrotoluene
Concen: 3.344 ng/ul
RT: 14.06 min Scan# 1882
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:165 Resp: 28246

Ion	Ratio	Lower	Upper
165	100		
89	63.2	47.7	71.5
121	26.0	18.4	27.6

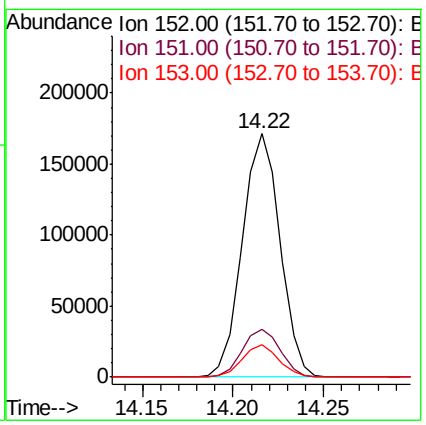


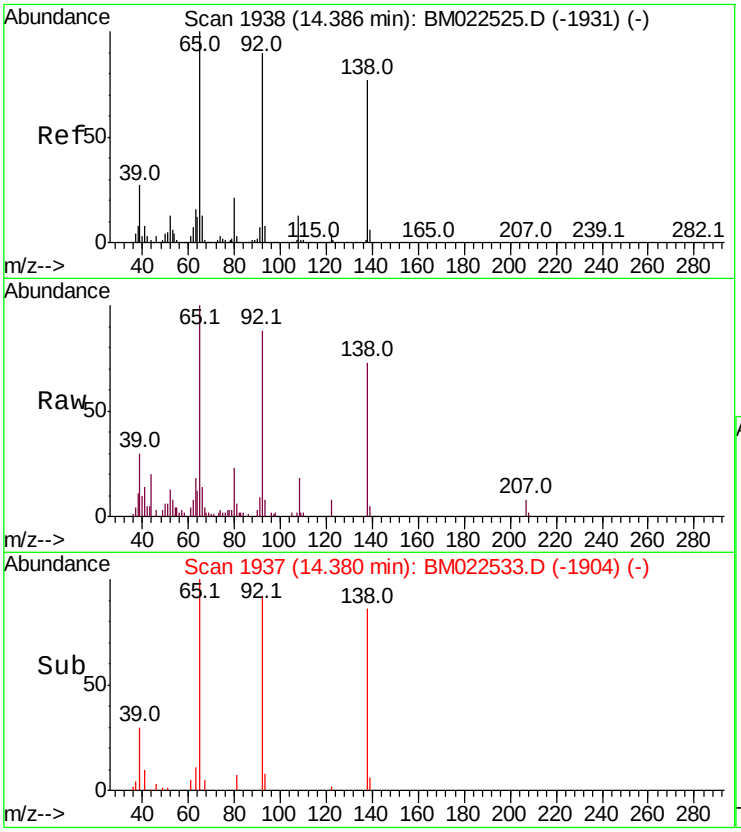


#48
Acenaphthylene
Concen: 3.907 ng/ul
RT: 14.22 min Scan# 1909
Delta R.T. 0.00 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Tgt Ion:152 Resp: 248024

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	13.3	10.4	15.6



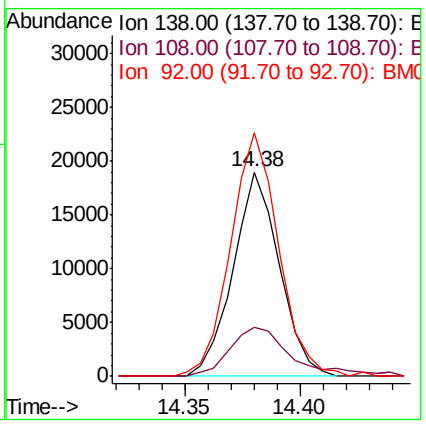


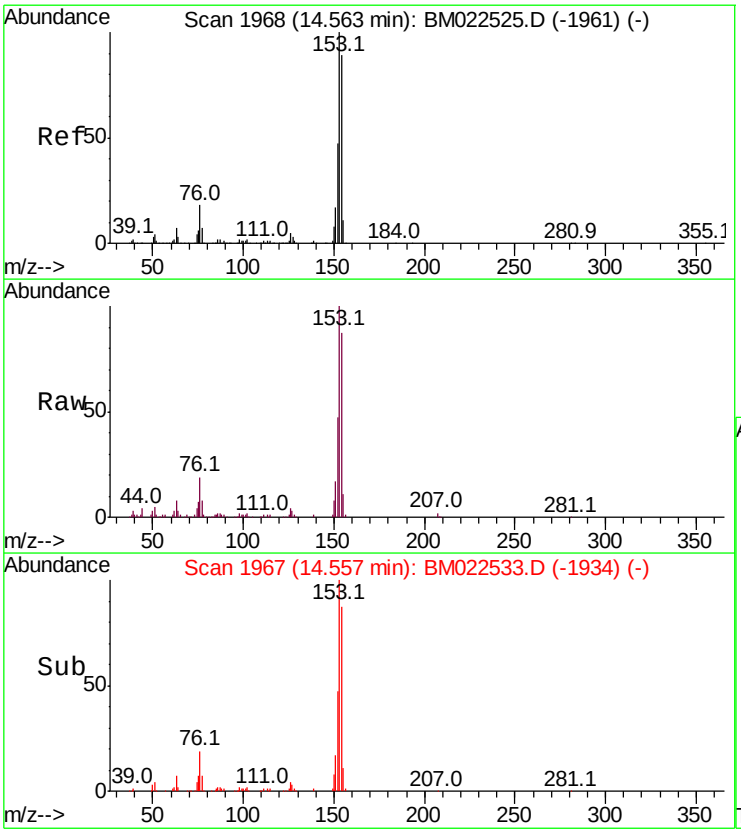
#49
3-Nitroaniline
Concen: 2.899 ng/ul
RT: 14.38 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:138 Resp: 26555

Ion	Ratio	Lower	Upper
138	100		
108	24.3	13.5	20.3#
92	119.4	93.7	140.5

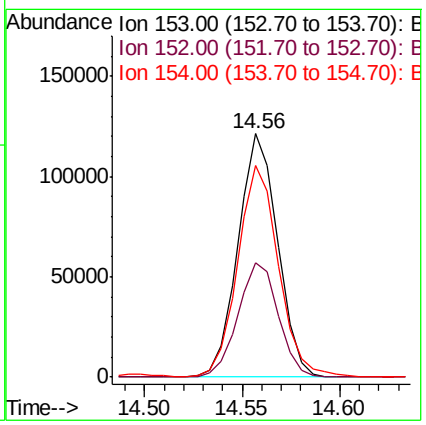


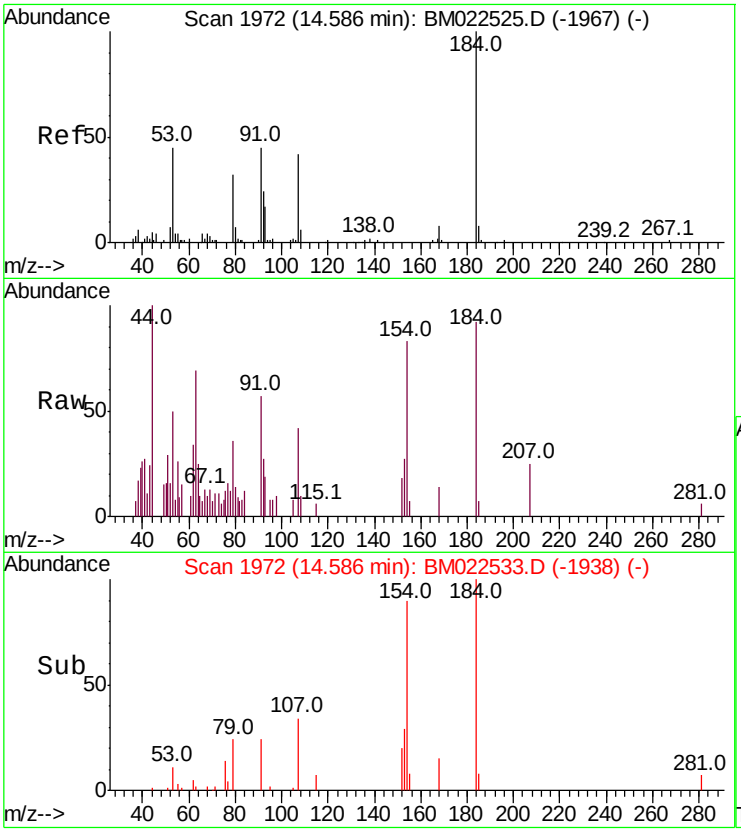


#50
Acenaphthene
Concen: 3.875 ng/ul
RT: 14.56 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Tgt Ion:153 Resp: 170465

Ion	Ratio	Lower	Upper
153	100		
152	47.0	37.5	56.3
154	87.2	71.4	107.0



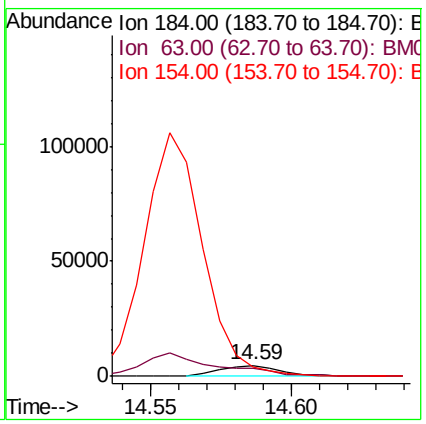


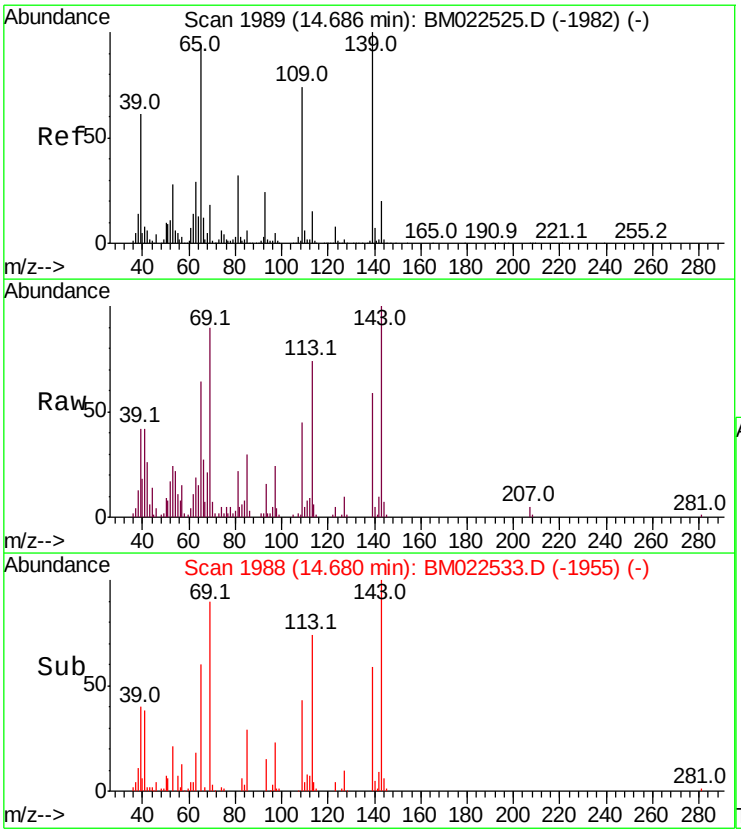
#51
2,4-Dinitrophenol
Concen: 1.808 ng/ul
RT: 14.59 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:184 Resp: 7005

Ion	Ratio	Lower	Upper
184	100		
63	75.0	51.5	77.3
154	90.4	81.9	122.9

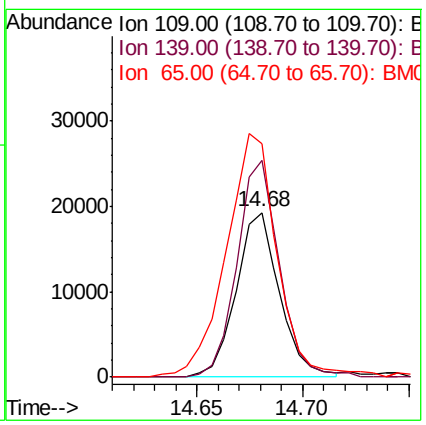


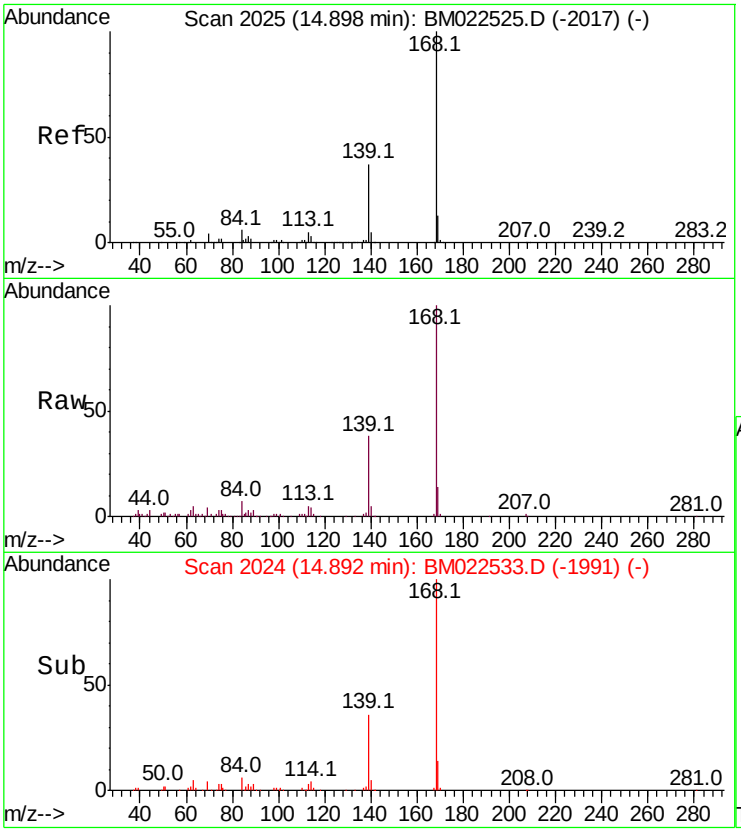


#53
4-Nitrophenol
Concen: 3.922 ng/ul
RT: 14.68 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Tgt Ion:109 Resp: 27517

Ion	Ratio	Lower	Upper
109	100		
139	131.8	107.6	161.4
65	142.0	101.9	152.9



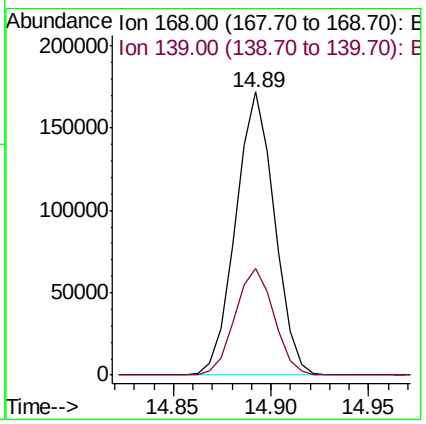


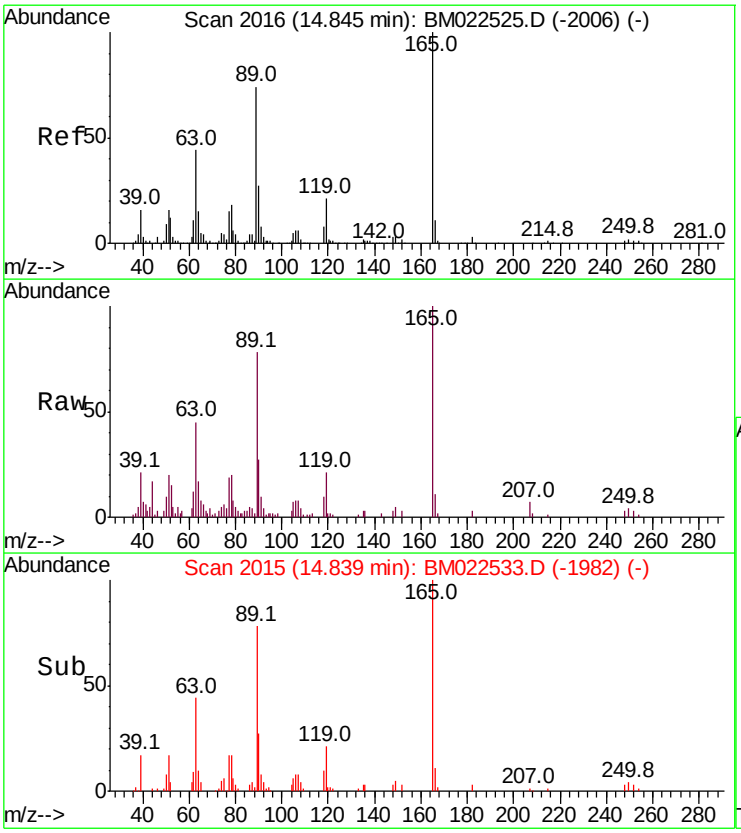
#54
Dibenzofuran
Concen: 3.883 ng/ul
RT: 14.89 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 237092

Ion	Ratio	Lower	Upper
168	100		
139	37.7	29.5	44.3

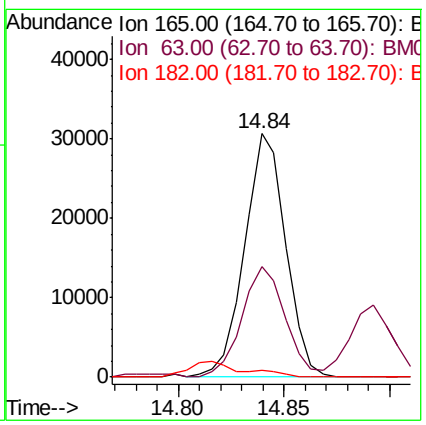


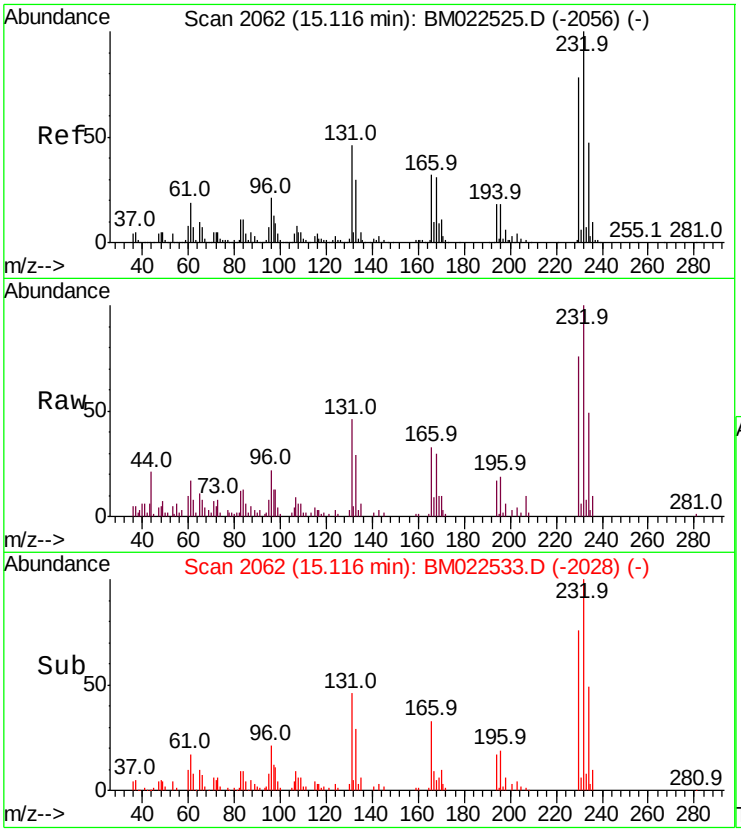


#55
2,4-Dinitrotoluene
Concen: 3.348 ng/ul
RT: 14.84 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Tgt Ion:165 Resp: 41433

Ion	Ratio	Lower	Upper
165	100		
63	45.4	35.7	53.5
182	2.8	2.2	3.2



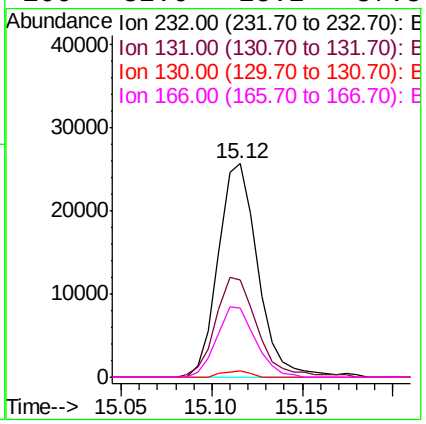


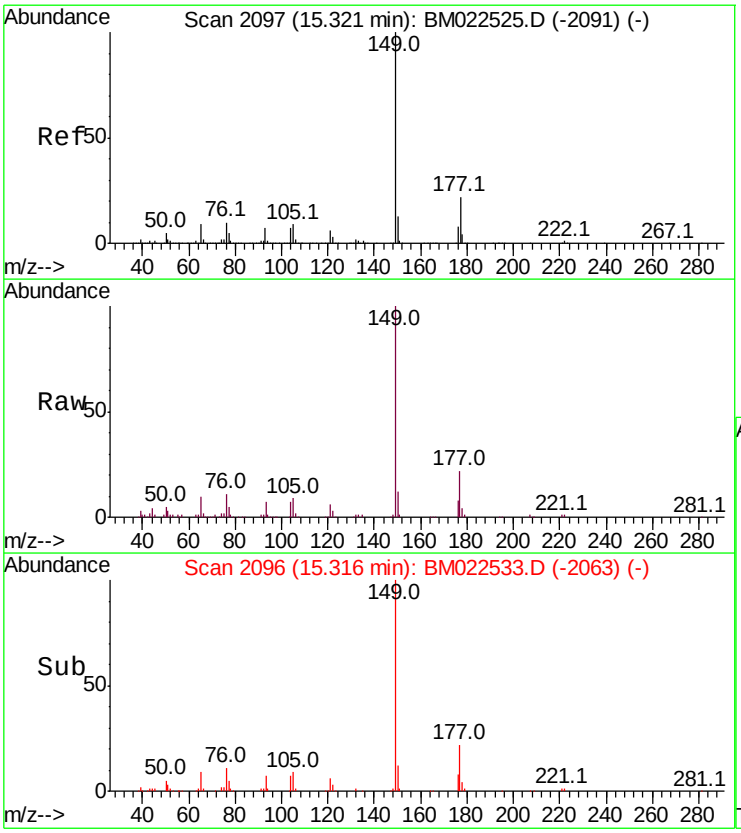
#56
2,3,4,6-Tetrachlorophenol
Concen: 3.407 ng/ul
RT: 15.12 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:232 Resp: 39104

Ion	Ratio	Lower	Upper
232	100		
131	45.5	36.9	55.3
130	2.7	2.0	3.0
166	32.6	25.2	37.8

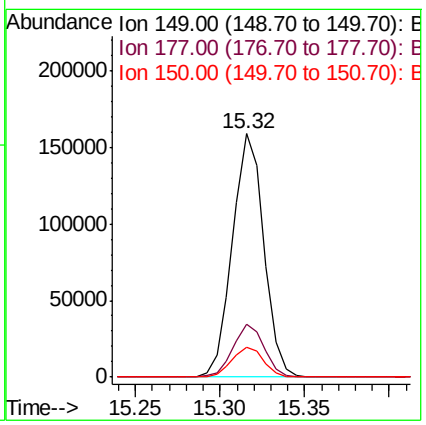


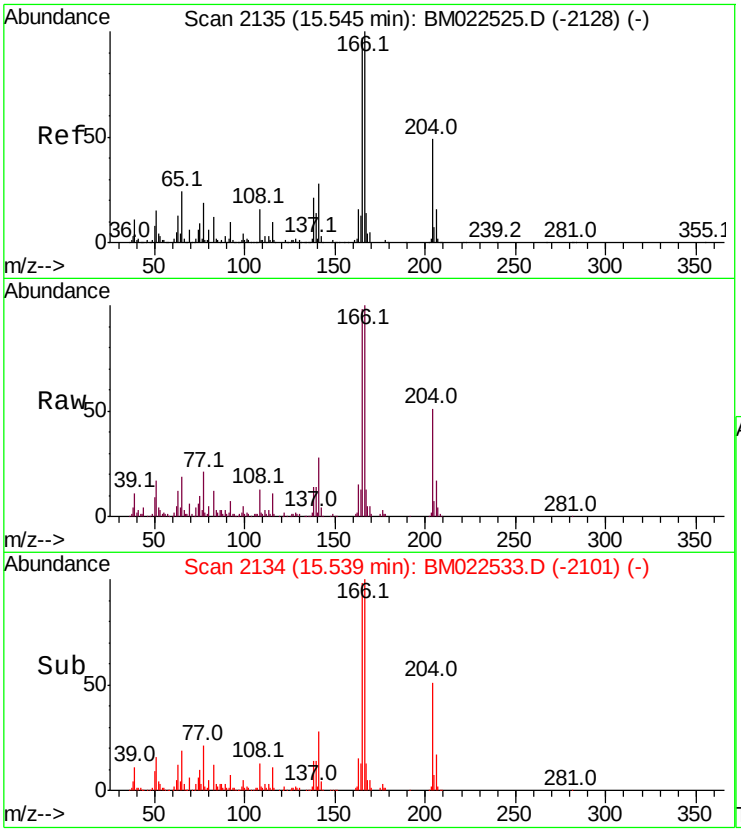


#57
Diethylphthalate
Concen: 3.840 ng/ul
RT: 15.32 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Tgt Ion:149 Resp: 206126

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.3	25.9
150	12.1	10.2	15.2



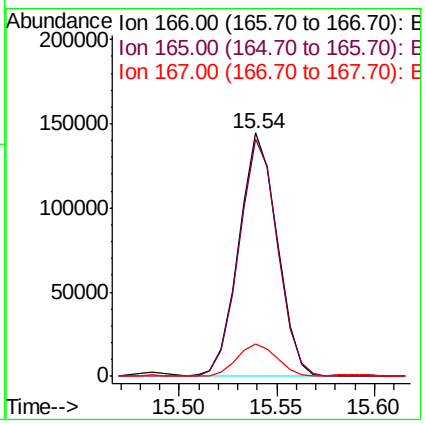


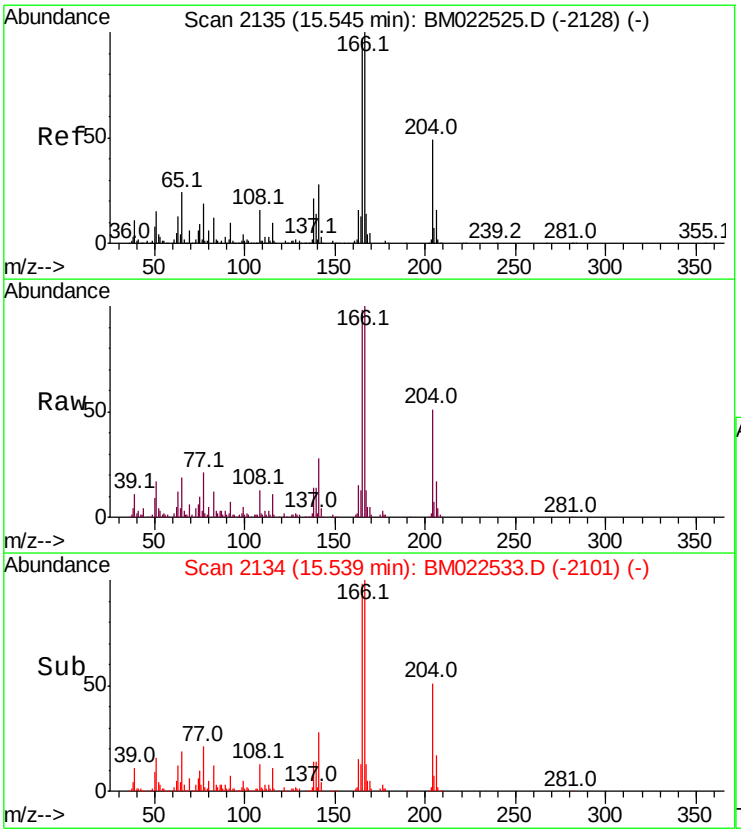
#59
Fluorene
Concen: 3.917 ng/ul
RT: 15.54 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 196762

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.8	116.8
167	13.5	10.9	16.3

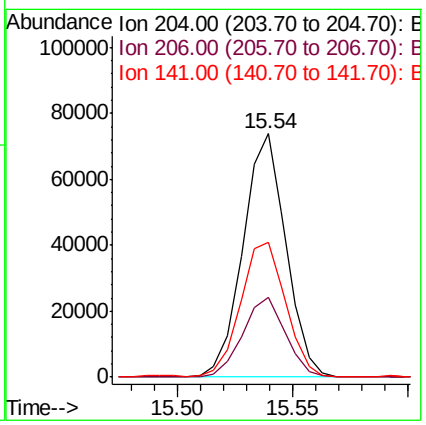


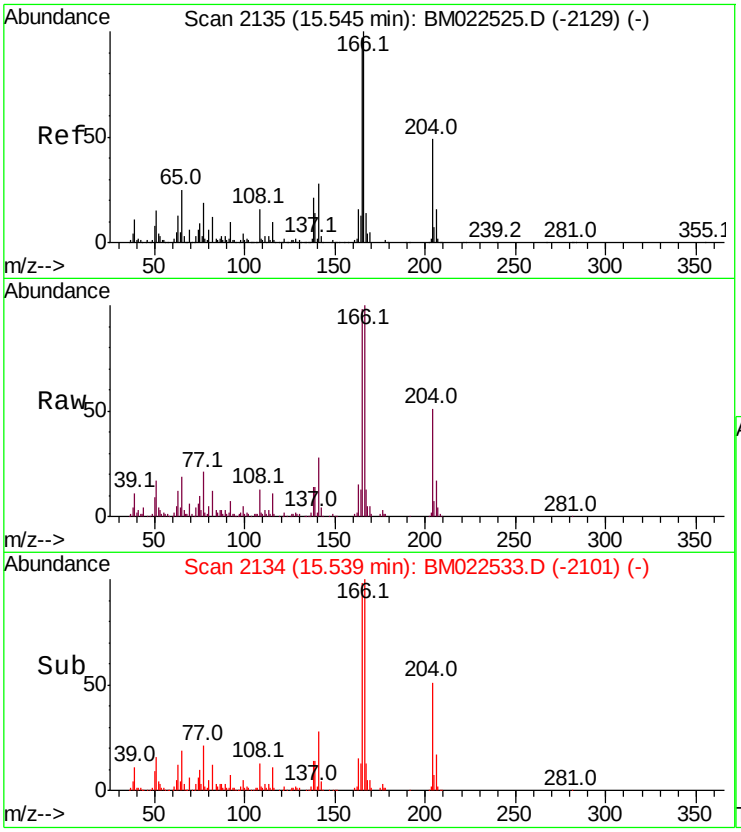


#60
4-Chlorophenyl-phenylether
Concen: 3.842 ng/ul
RT: 15.54 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Tgt Ion:204 Resp: 95493

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.0	39.0
141	55.5	45.4	68.2



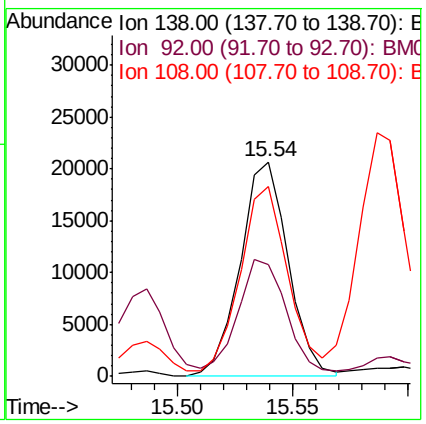


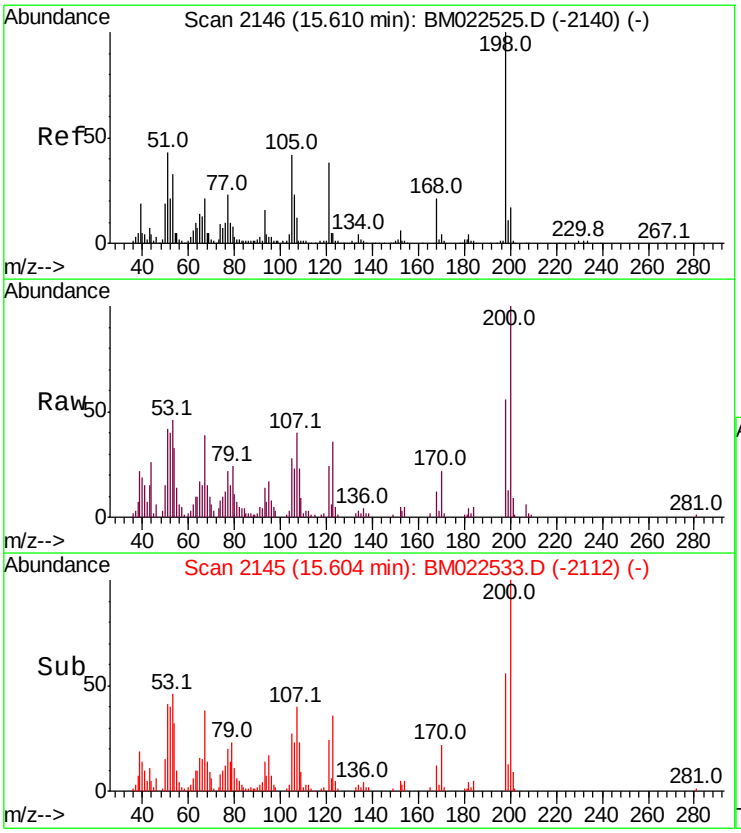
#61
4-Nitroaniline
Concen: 2.875 ng/ul
RT: 15.54 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:138 Resp: 30009

Ion	Ratio	Lower	Upper
138	100		
92	52.3	40.3	60.5
108	88.5	62.2	93.2

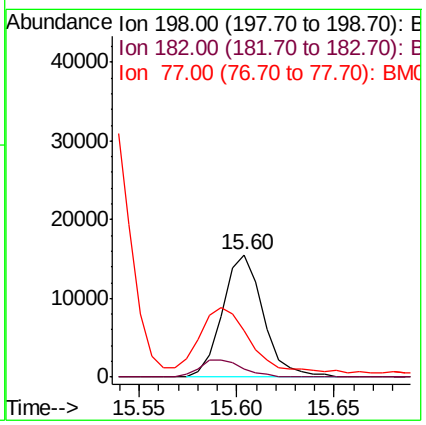


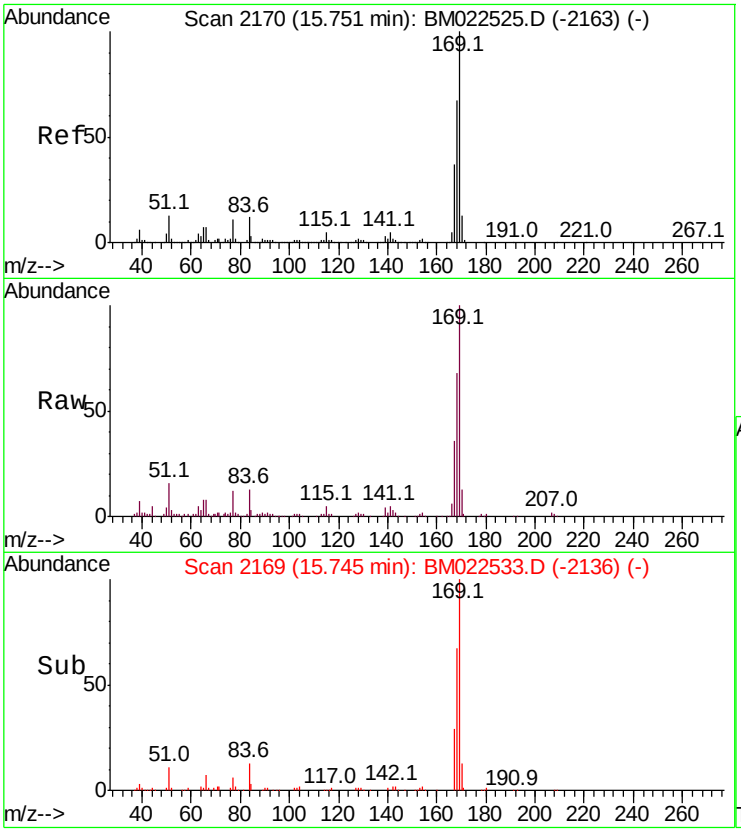


#64
4,6-Dinitro-2-methylphenol
Concen: 3.250 ng/ul
RT: 15.60 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Tgt Ion:198 Resp: 22453

Ion	Ratio	Lower	Upper
198	100		
182	7.1	3.4	5.0#
77	38.5	19.7	29.5#



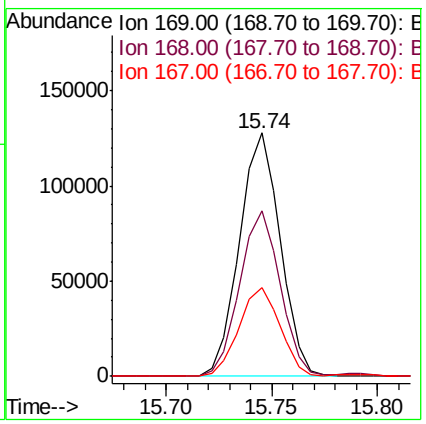


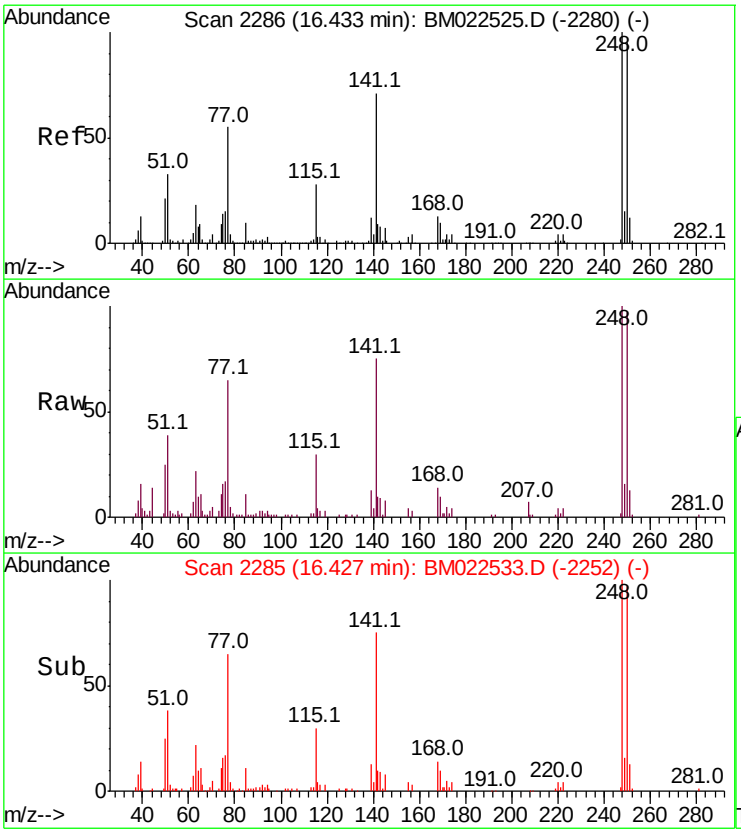
#65
N-Nitrosodiphenylamine
Concen: 3.830 ng/ul
RT: 15.74 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:169 Resp: 171700

Ion	Ratio	Lower	Upper
169	100		
168	68.0	53.5	80.3
167	36.5	29.5	44.3

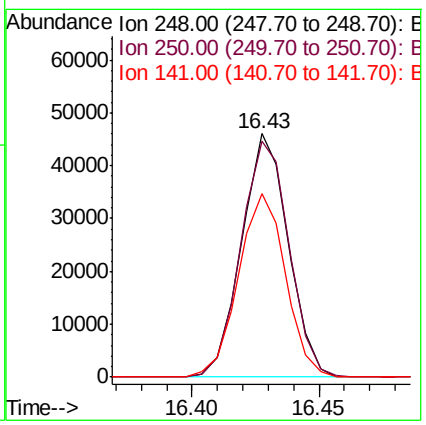


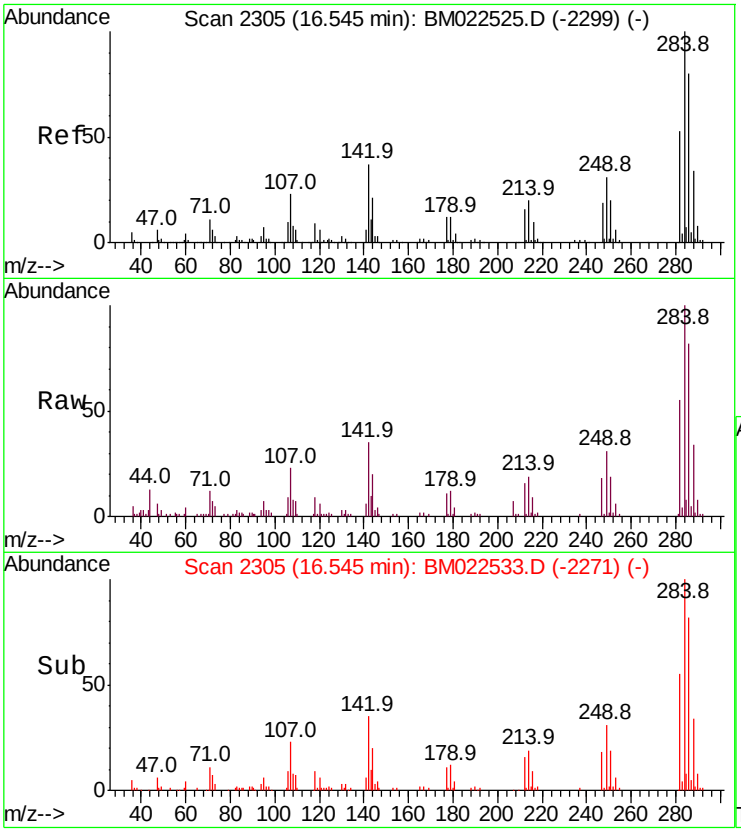


#66
4-Bromophenyl-phenylether
Concen: 3.603 ng/ul
RT: 16.43 min Scan# 2285
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Tgt Ion:248 Resp: 59142

Ion	Ratio	Lower	Upper
248	100		
250	97.0	76.3	114.5
141	75.3	57.0	85.4



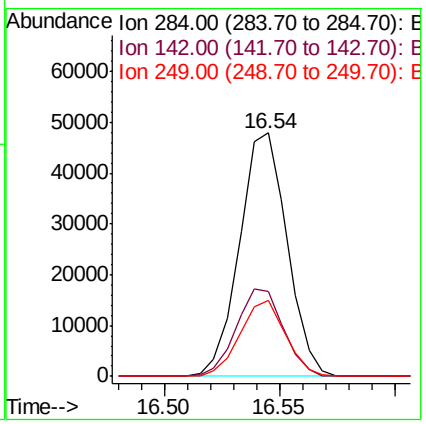


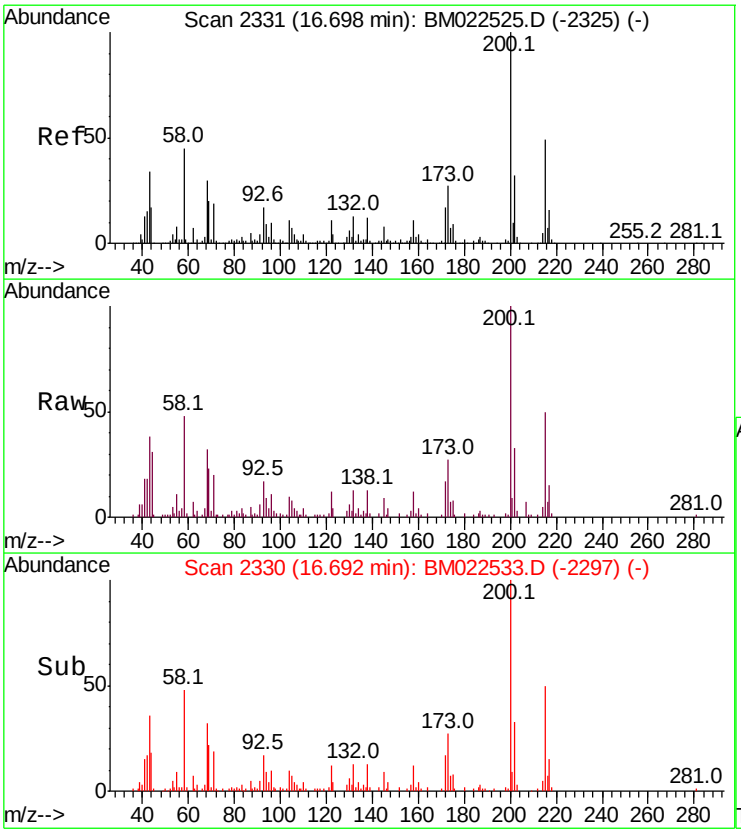
#67
Hexachlorobenzene
Concen: 3.804 ng/ul
RT: 16.54 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:284 Resp: 68801

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

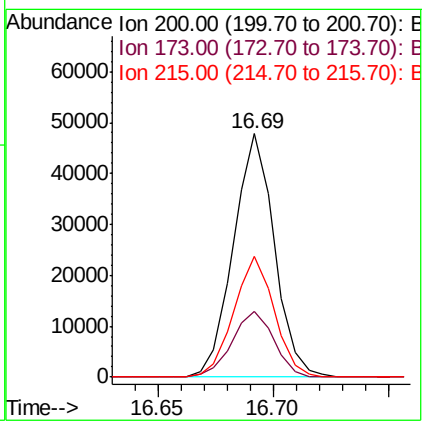


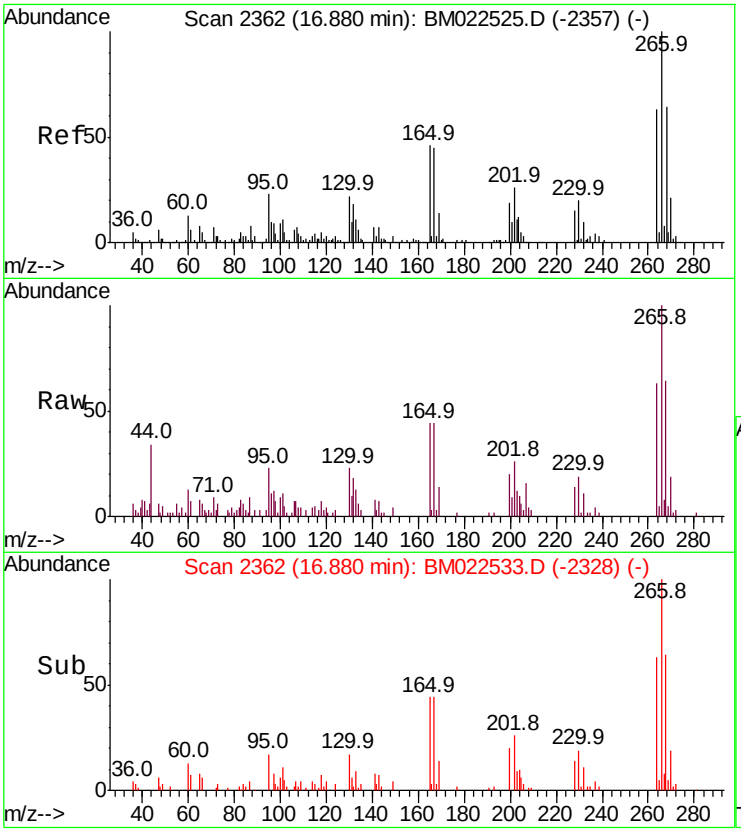


#68
Atrazine
Concen: 3.441 ng/ul
RT: 16.69 min Scan# 2330
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Tgt Ion:200 Resp: 59291

Ion	Ratio	Lower	Upper
200	100		
173	27.1	21.6	32.4
215	49.6	39.0	58.4



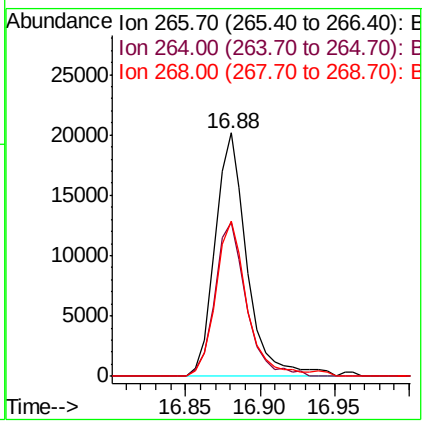


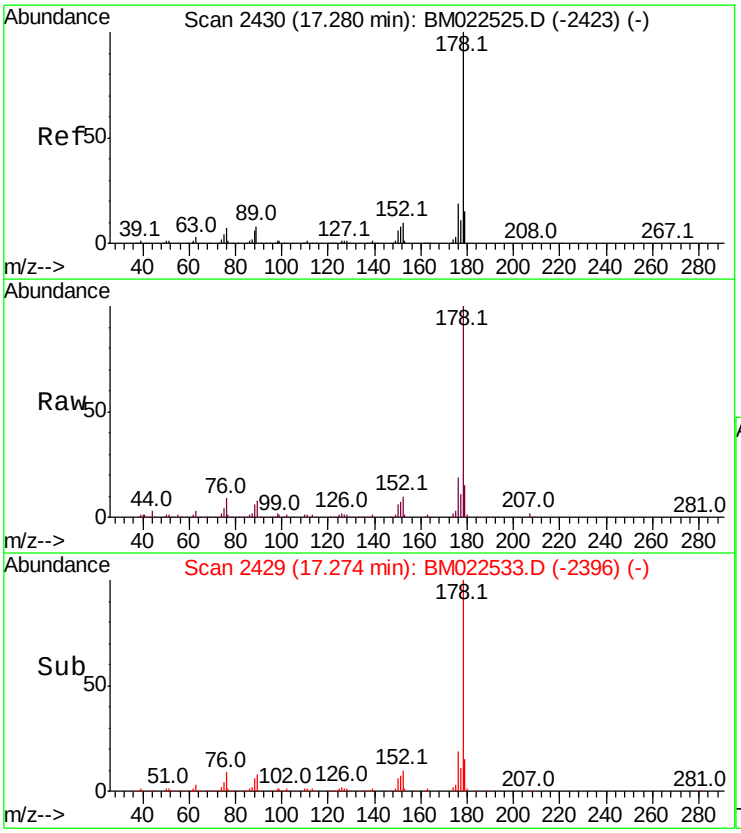
#69
Pentachlorophenol
Concen: 3.037 ng/ul
RT: 16.88 min Scan# 2362
Delta R.T. 0.00 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:266 Resp: 30304

Ion	Ratio	Lower	Upper
266	100		
264	63.2	50.8	76.2
268	63.8	50.9	76.3

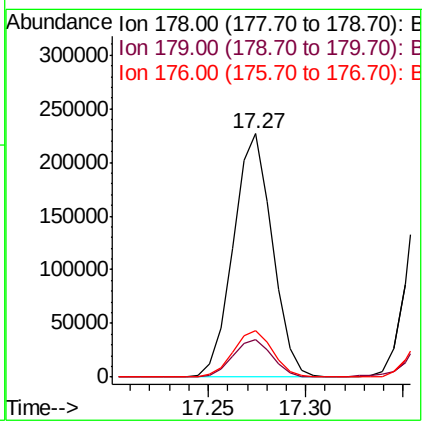


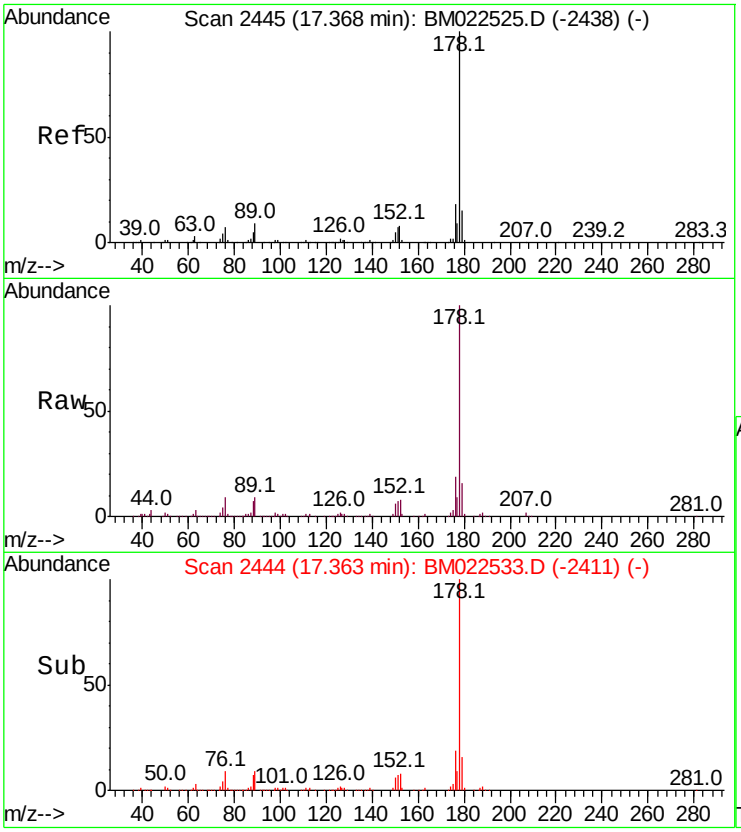


#70
Phenanthrene
Concen: 3.891 ng/ul
RT: 17.27 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Tgt Ion:178 Resp: 312972

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.0	18.0
176	19.1	15.4	23.0



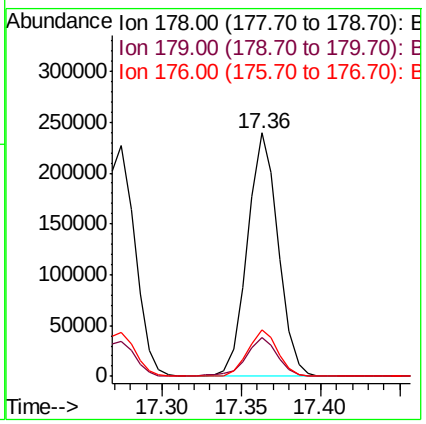


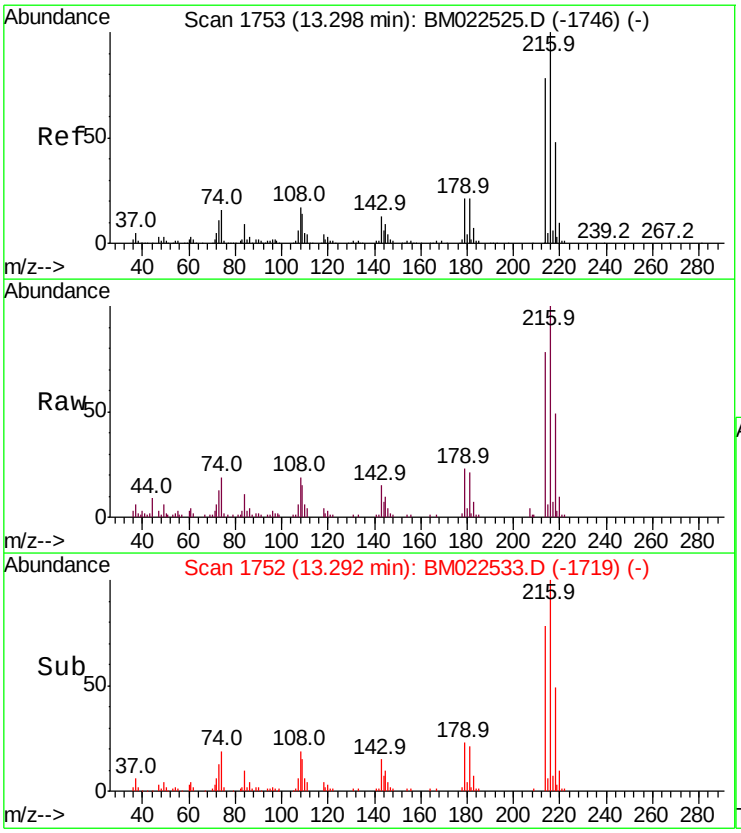
#72
Anthracene
Concen: 3.904 ng/ul
RT: 17.36 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 322534

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.1	14.7	22.1

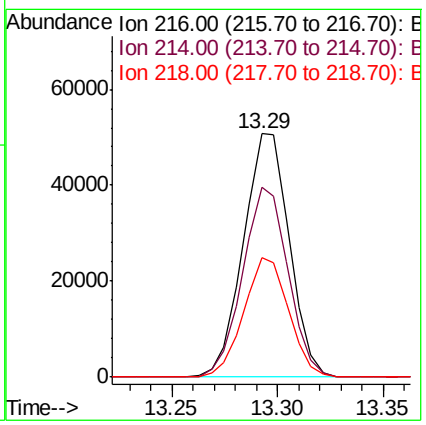


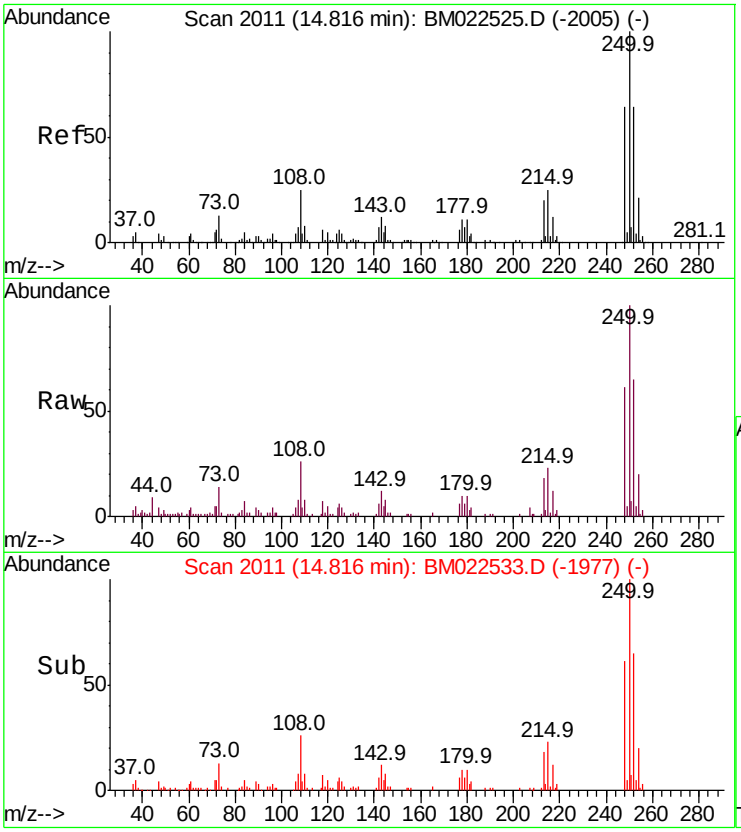


#73
1,2,3,4-Tetrachlorobenzene
Concen: 3.759 ng/uL
RT: 13.29 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Tgt Ion:216 Resp: 76879

Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.5	93.7
218	49.0	38.2	57.4



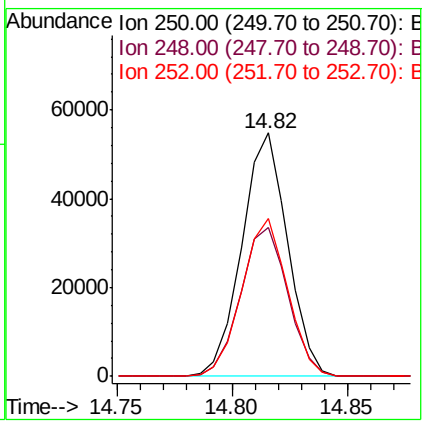


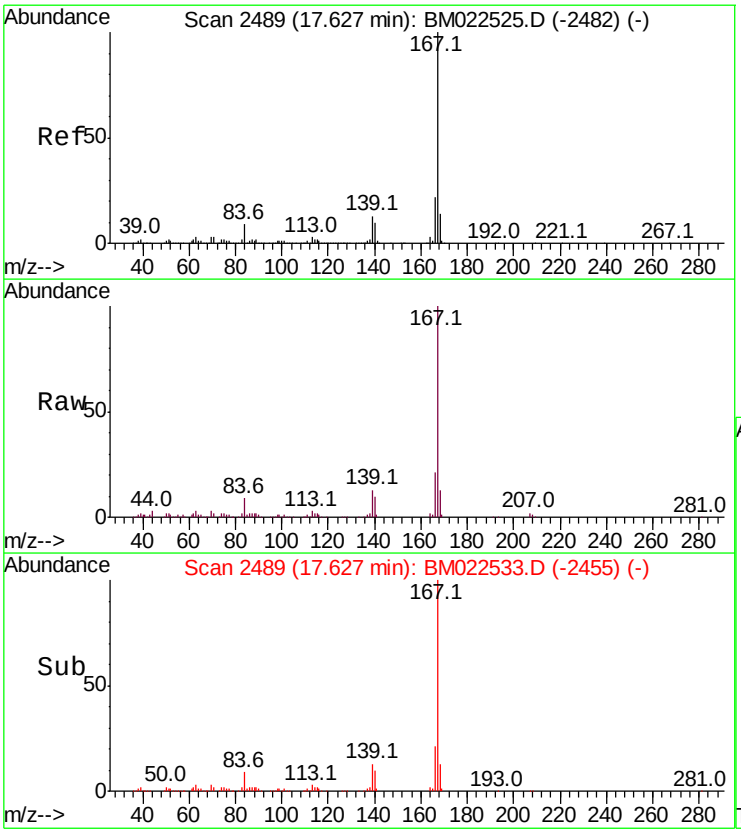
#74
Pentachlorobenzene
Concen: 3.678 ng/uL
RT: 14.82 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:250 Resp: 75811

Ion	Ratio	Lower	Upper
250	100		
248	61.4	51.3	76.9
252	64.6	51.1	76.7

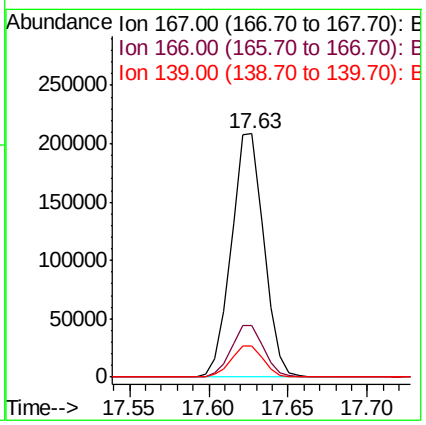


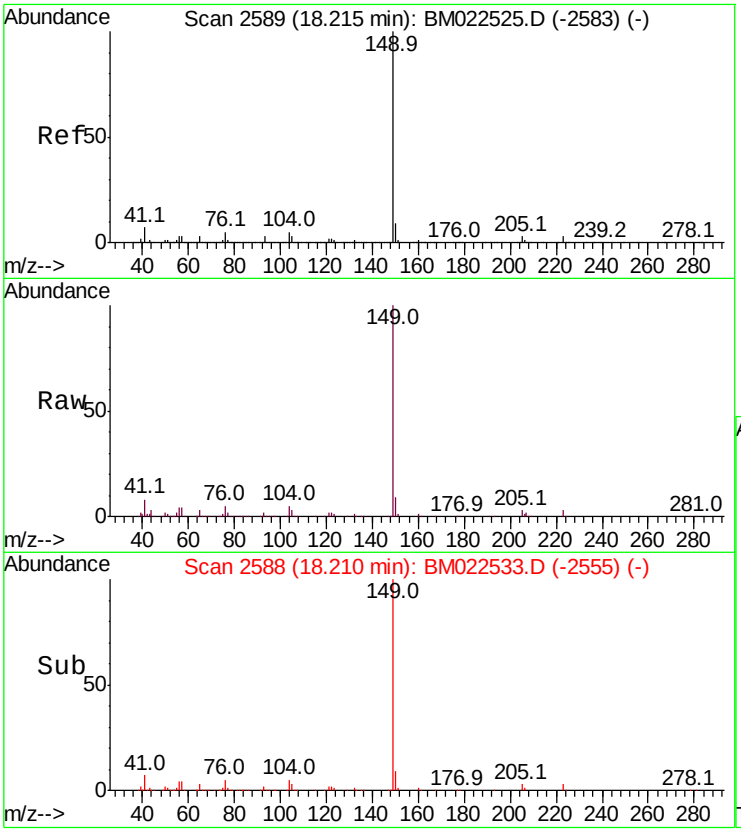


#75
Carbazole
Concen: 3.988 ng/ul
RT: 17.63 min Scan# 2489
Delta R.T. 0.00 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Tgt Ion:167 Resp: 296172

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.4	26.0
139	12.6	10.6	15.8



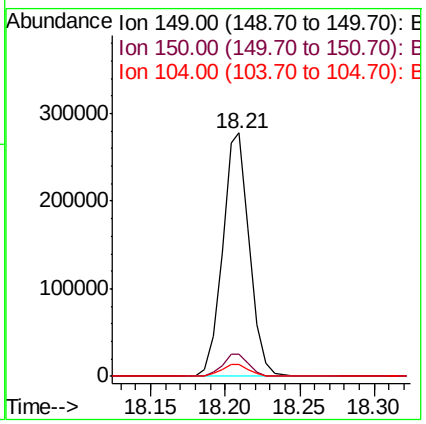


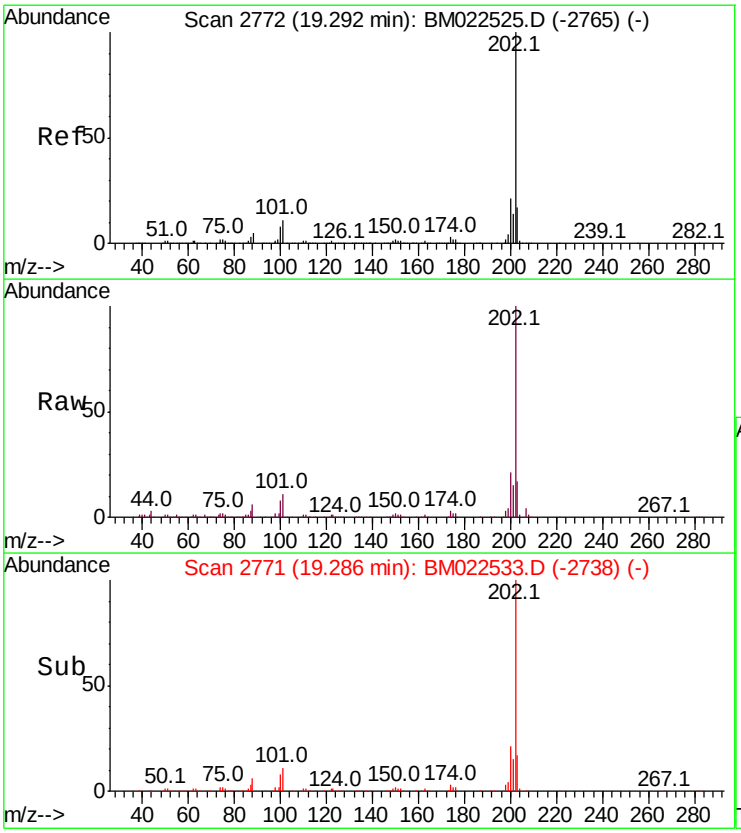
#76
Di-n-butylphthalate
Concen: 3.717 ng/ul
RT: 18.21 min Scan# 2588
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 349578

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	5.1	3.9	5.9

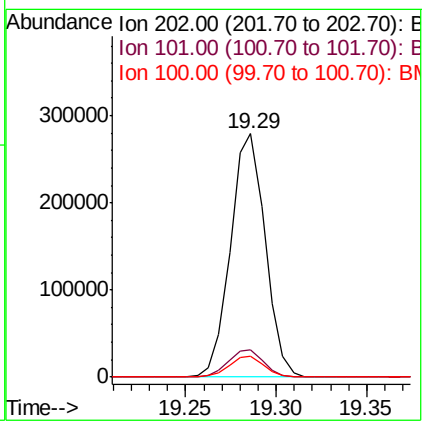


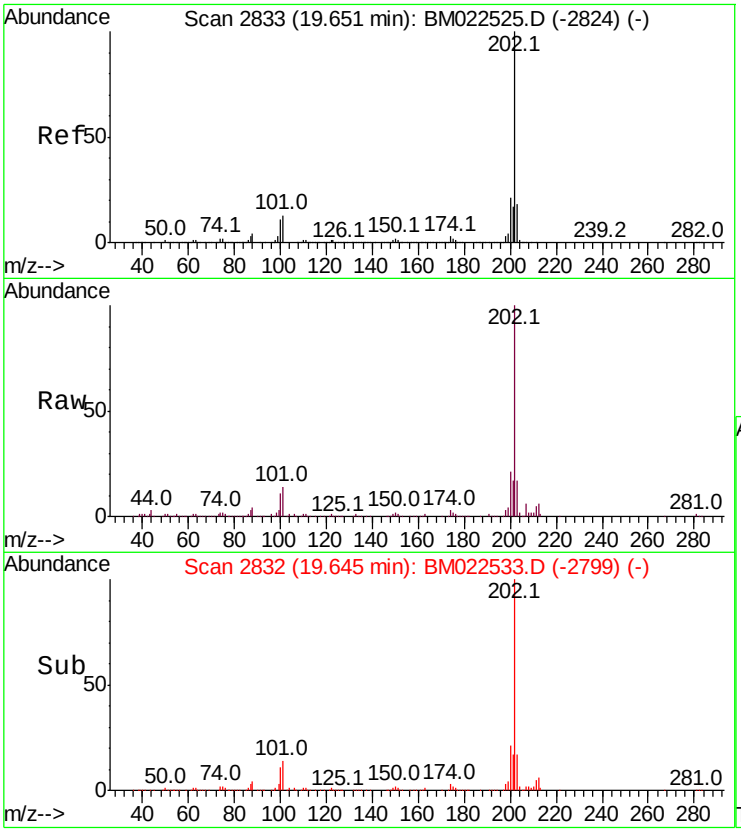


#77
Fluoranthene
Concen: 4.063 ng/ul
RT: 19.29 min Scan# 2771
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Tgt Ion:202 Resp: 370858

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.8	13.2
100	8.4	6.3	9.5



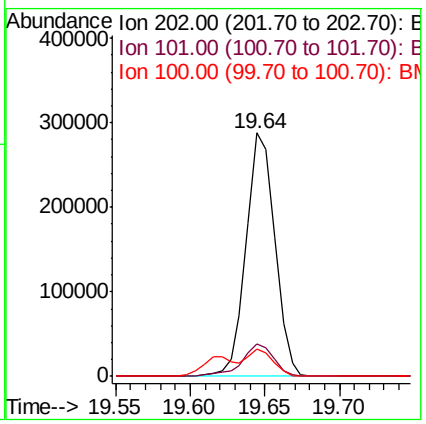


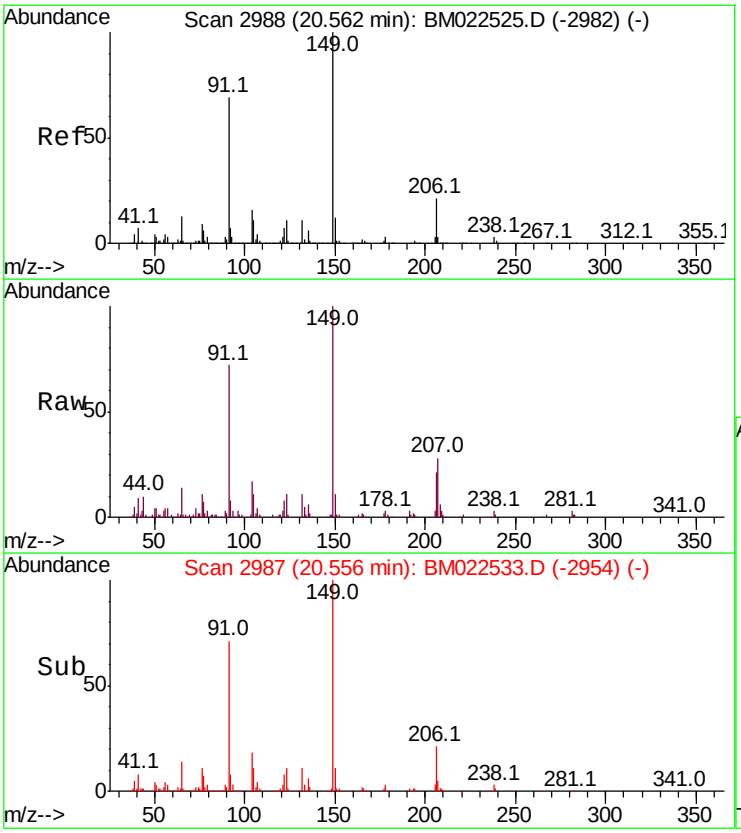
#80
Pyrene
Concen: 3.792 ng/ul
RT: 19.64 min Scan# 2832
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 382865

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.6	16.0
100	11.2	8.6	13.0

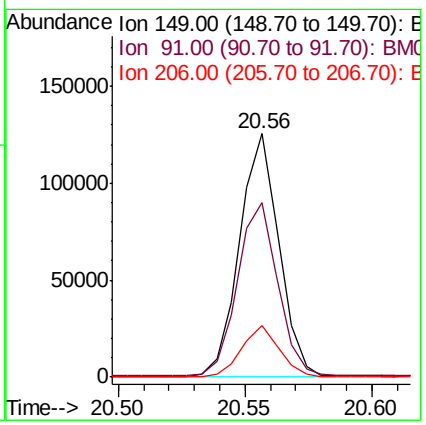


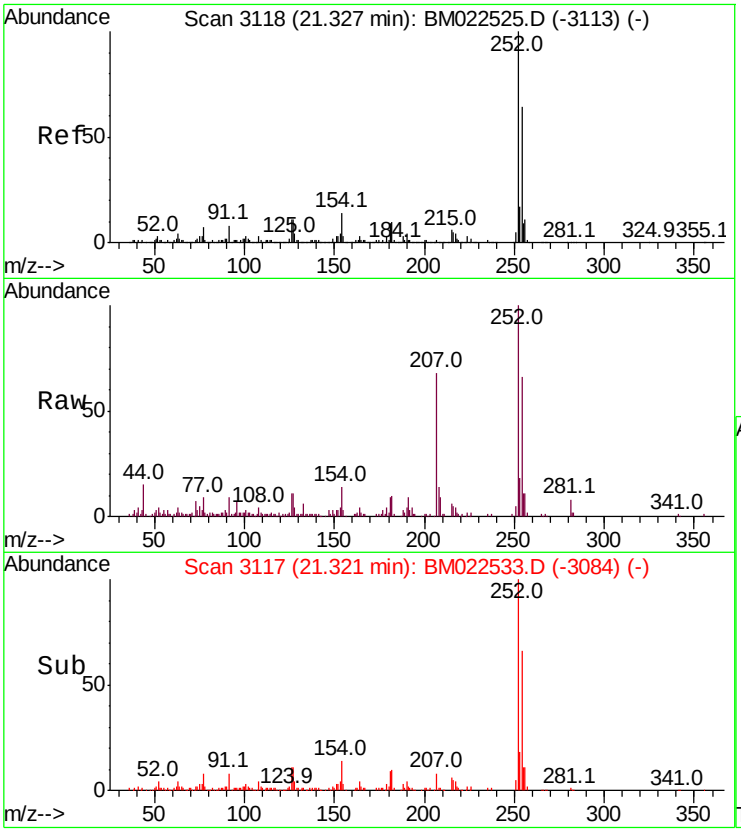


#81
Butylbenzylphthalate
Concen: 3.185 ng/ul
RT: 20.56 min Scan# 2987
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Tgt Ion:149 Resp: 135600

Ion	Ratio	Lower	Upper
149	100		
91	71.7	55.4	83.0
206	21.0	17.0	25.4



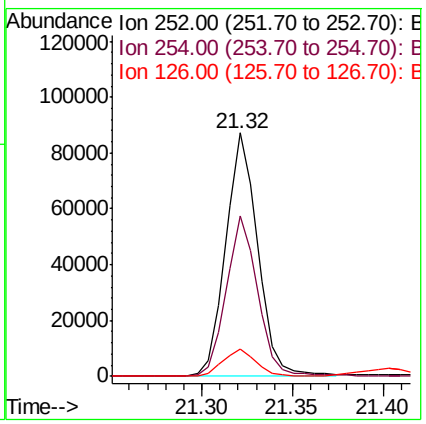


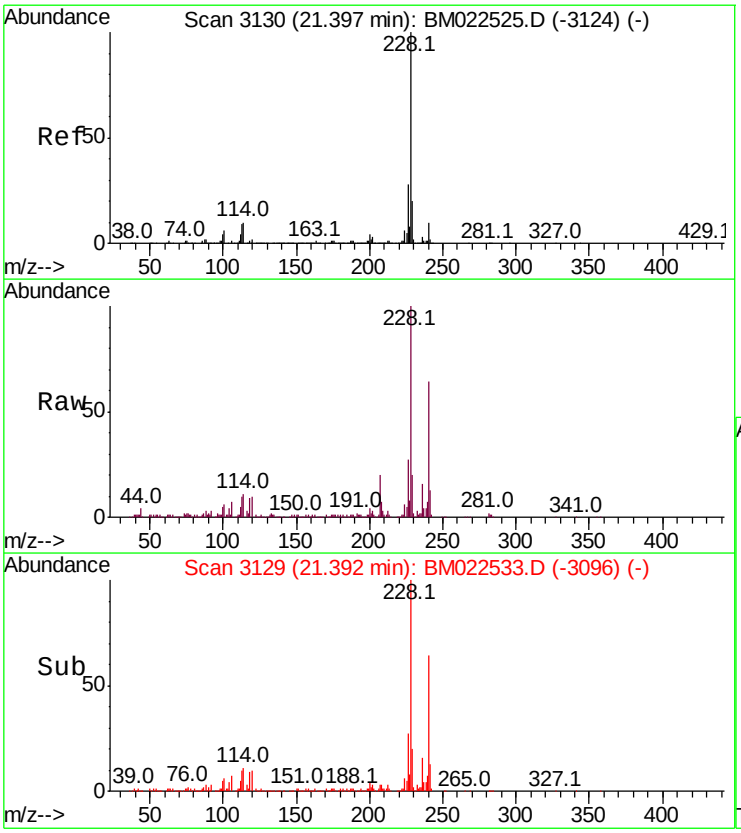
#82
3,3'-Dichlorobenzidine
Concen: 3.026 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 107365

Ion	Ratio	Lower	Upper
252	100		
254	65.9	51.2	76.8
126	11.4	8.6	13.0

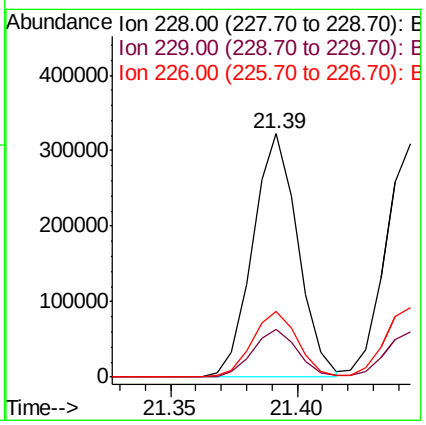


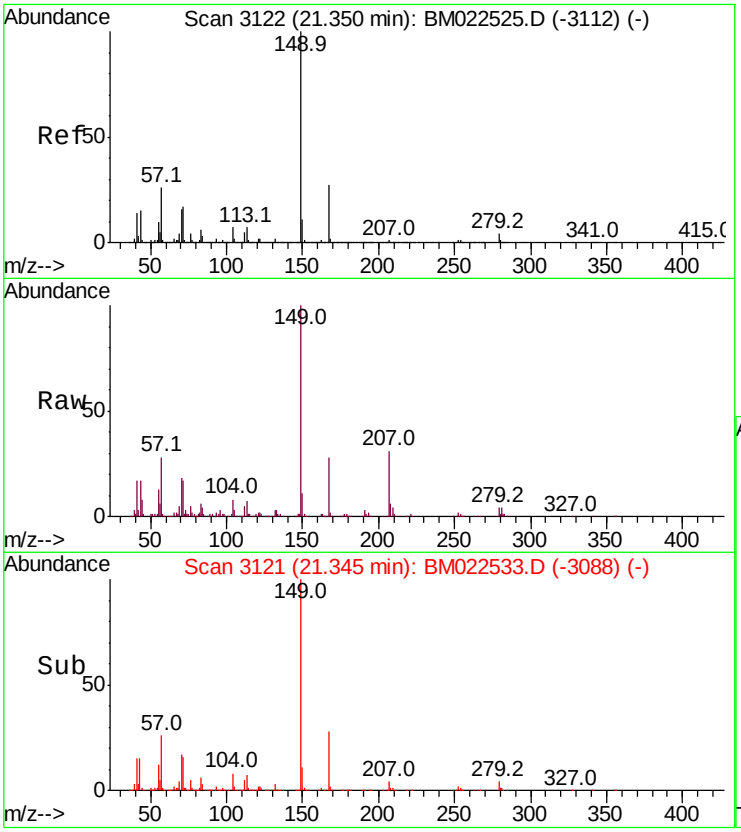


#83
Benzo(a)anthracene
Concen: 3.869 ng/ul
RT: 21.39 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Tgt Ion:228 Resp: 400508

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.7	23.5
226	26.8	22.2	33.2



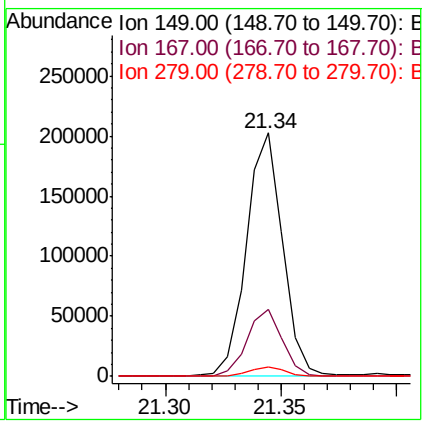


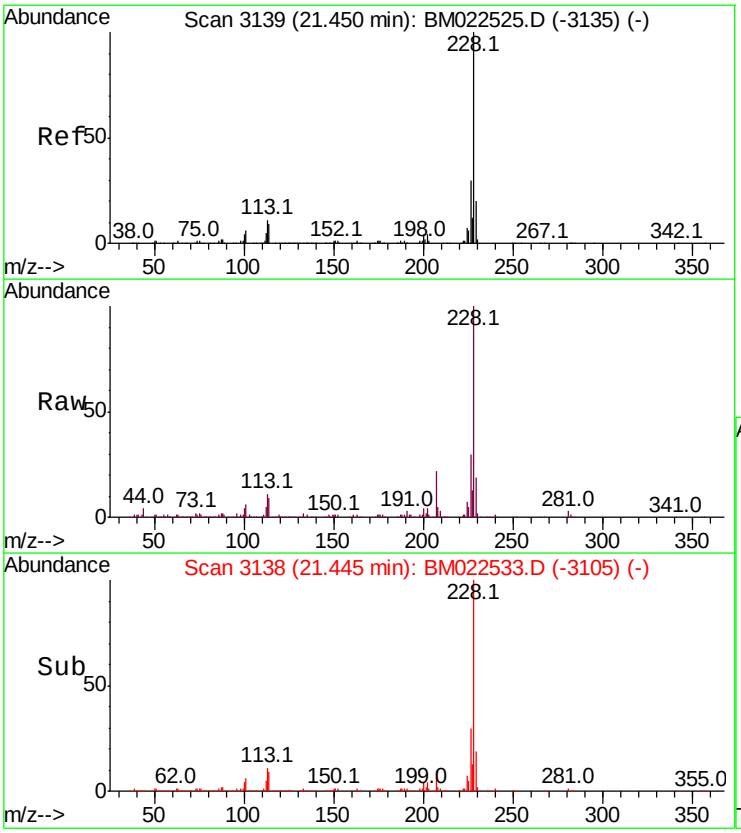
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.401 ng/ul
RT: 21.34 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 219698

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.7	32.5
279	3.9	3.5	5.3

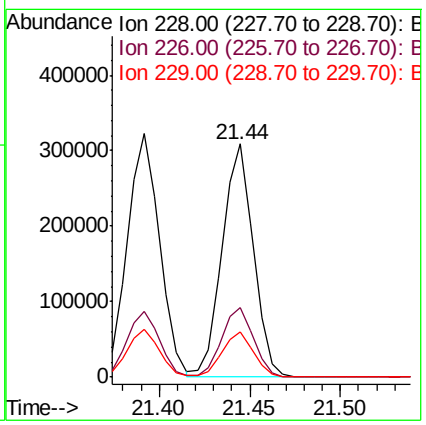


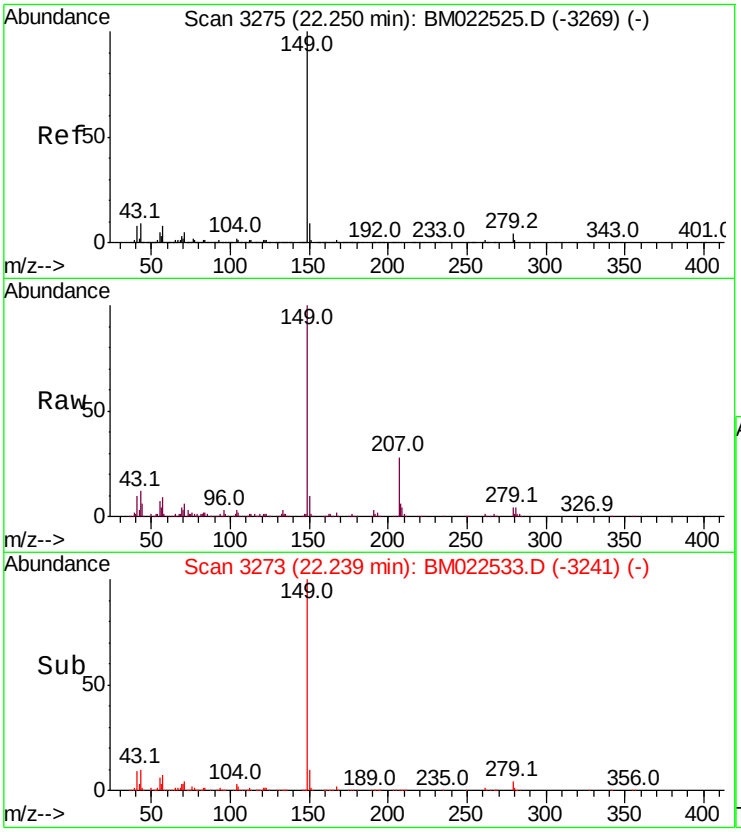


#85
Chrysene
Concen: 3.879 ng/ul
RT: 21.44 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Tgt Ion:228 Resp: 369486

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.4
229	19.4	15.8	23.6

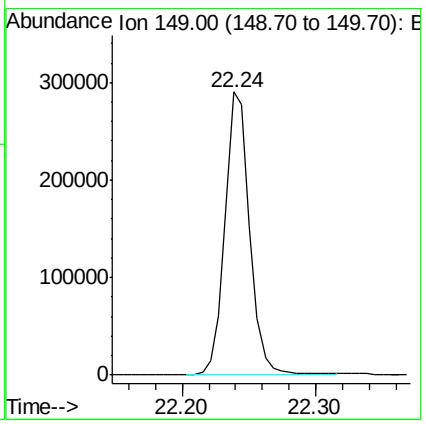


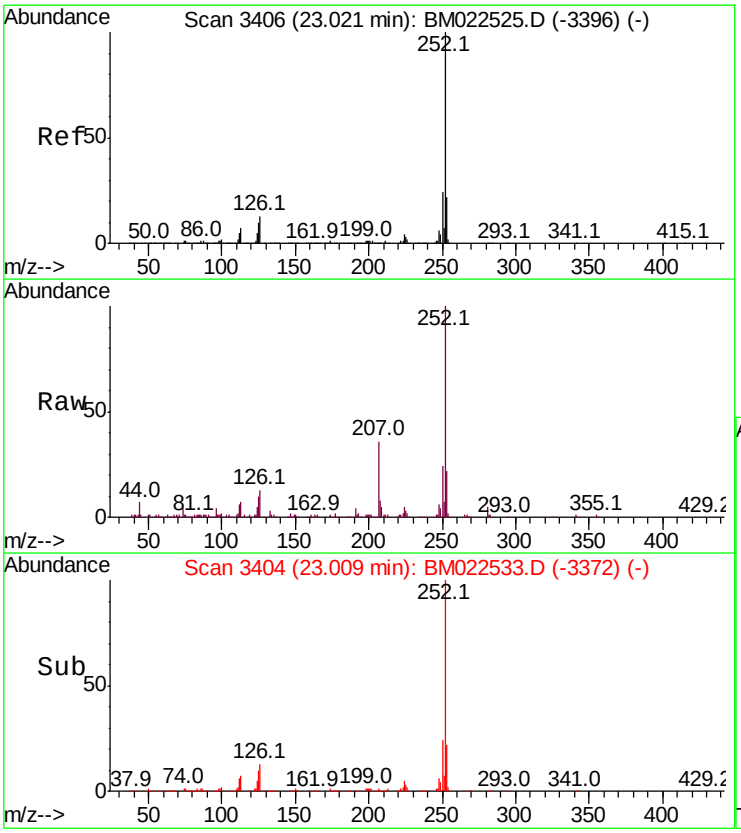


#87
Di-n-octyl phthalate
Concen: 3.184 ng/ul
RT: 22.24 min Scan# 3273
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 373923

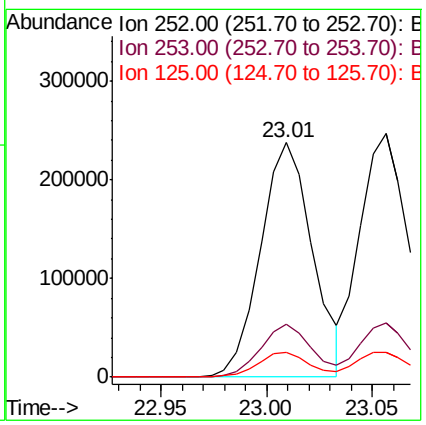


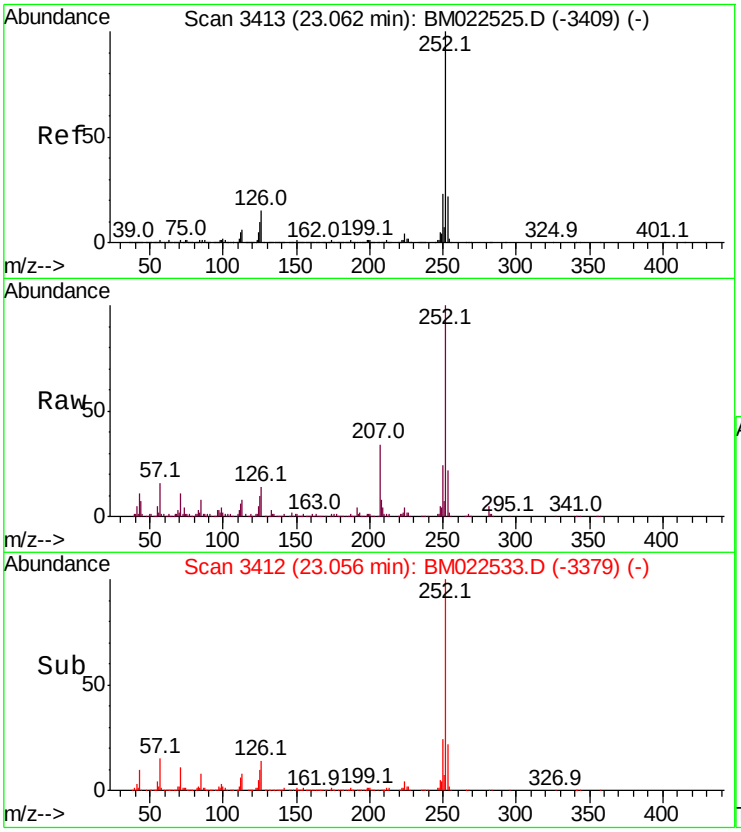


#88
Benzo(b)fluoranthene
Concen: 3.771 ng/ul
RT: 23.01 min Scan# 3404
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Tgt Ion:252 Resp: 406896

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	10.4	8.0	12.0



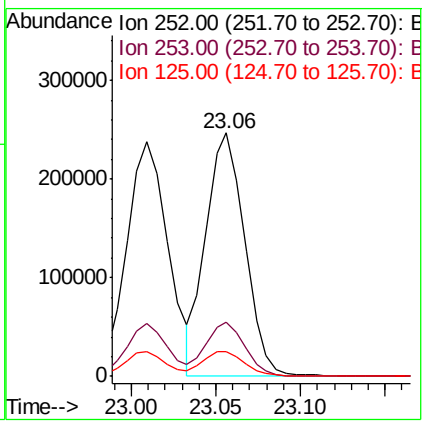


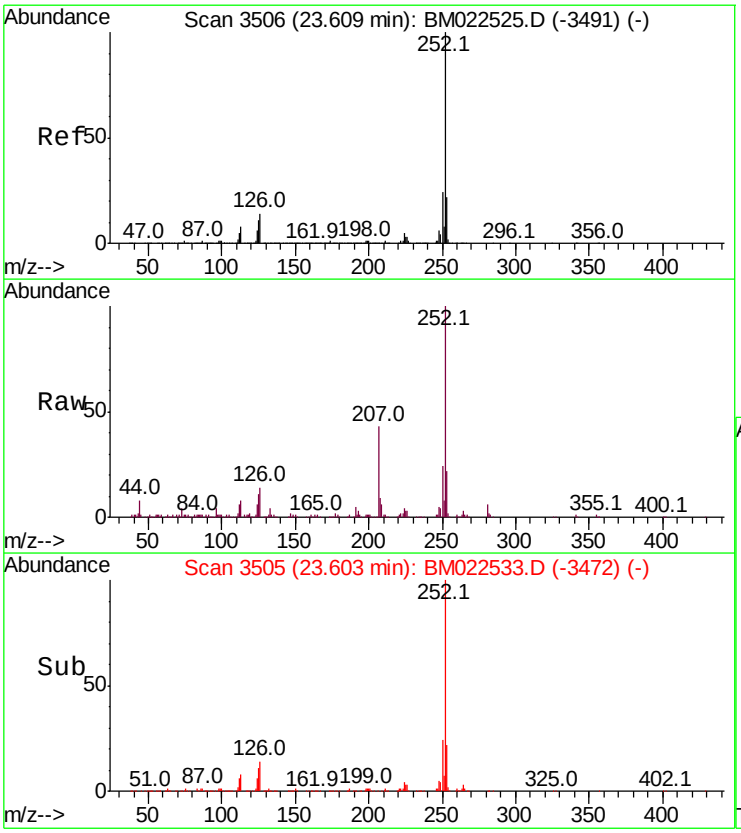
#89
Benzo(k)fluoranthene
Concen: 3.762 ng/ul
RT: 23.06 min Scan# 3412
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 394513

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	10.1	8.2	12.2

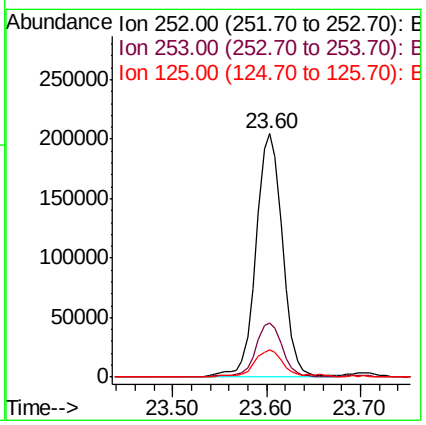


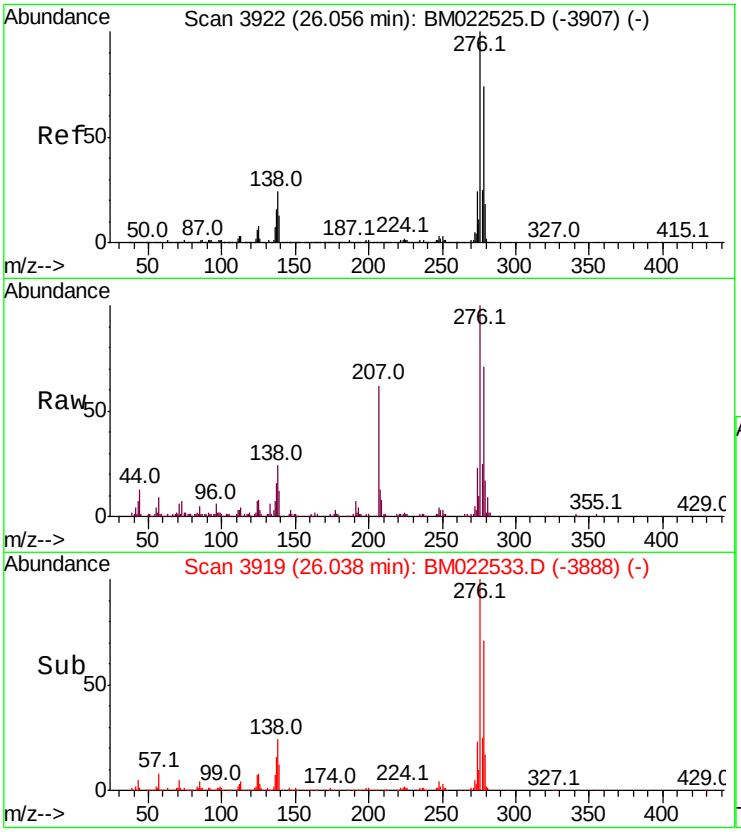


#91
Benzo(a)pyrene
Concen: 3.881 ng/ul
RT: 23.60 min Scan# 3505
Delta R.T. -0.01 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Tgt Ion:252 Resp: 399661

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	11.2	8.9	13.3



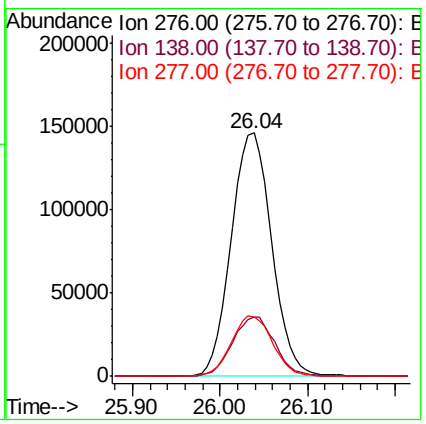


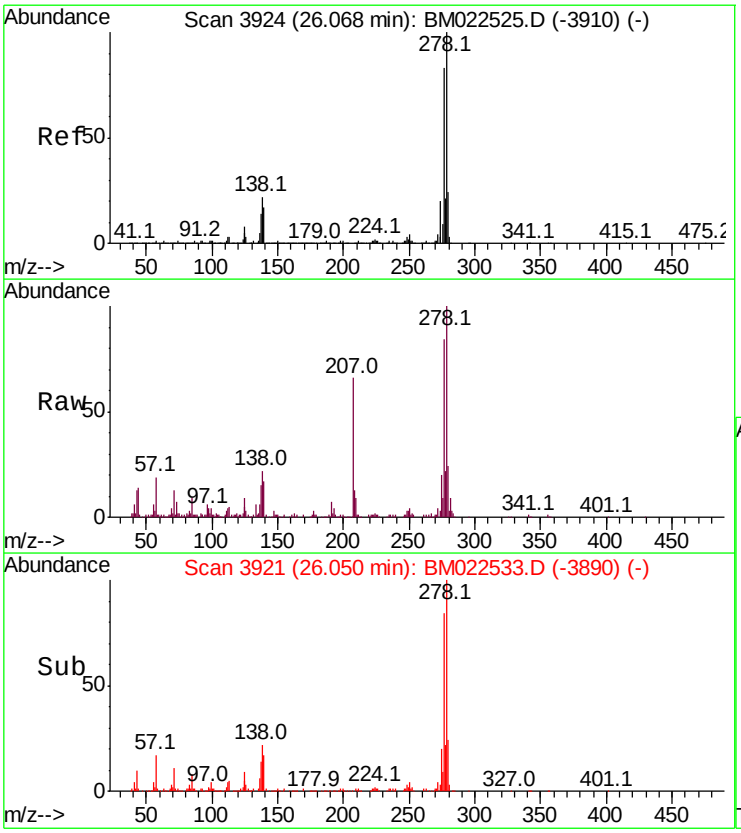
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.876 ng/ul
RT: 26.04 min Scan# 3919
Delta R.T. -0.02 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 461092

Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.2	28.8
277	24.5	19.8	29.8

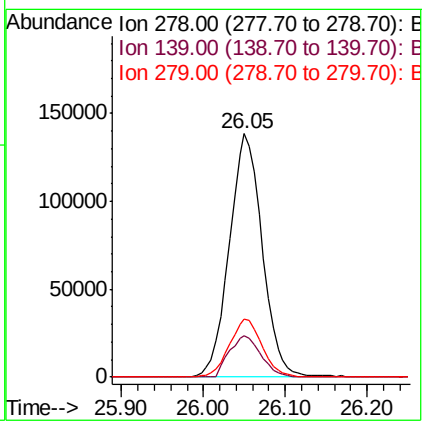


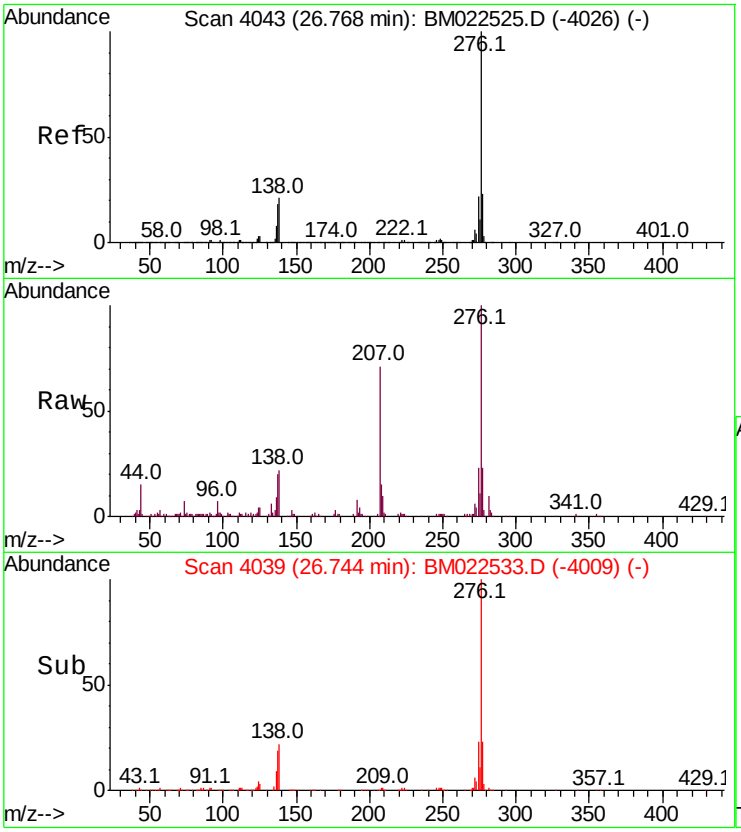


#93
Dibenzo(a,h)anthracene
Concen: 3.934 ng/ul
RT: 26.05 min Scan# 3921
Delta R.T. -0.02 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Tgt Ion:278 Resp: 389438

Ion	Ratio	Lower	Upper
278	100		
139	17.0	13.3	19.9
279	23.6	19.2	28.8





#94
Benzo(g,h,i)perylene
Concen: 3.901 ng/ul
RT: 26.74 min Scan# 4039
Delta R.T. -0.02 min
Lab File: BM022533.D
Acq: 05 Sep 2019 22:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 381162

Ion	Ratio	Lower	Upper
276	100		
138	21.5	17.0	25.6
277	22.9	18.8	28.2