Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082819\

Quantitation Report (Not Reviewed)

Data File : BM022391.D
Acq On : 28 Aug 2019 20:03
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02062

Quant Time: Aug 29 07:11:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 29 07:08:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	29524	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.30	136	135877	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.19	164	102900	20.00	ng/ul	-0.02
61) Phenanthrene-d10	16.96	188	243961	20.00	ng/ul	-0.02
77) Chrysene-d12	21.17	240	234013	20.00	ng/ul	0.00
85) Perylene-d12	23.36	264	219261	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	5507	8.35	ng/uL	0.00
5) Phenol-d5	6.73	99	49727	19.51	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.89	67	30197	20.37	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.07	132	43803	21.29	ng/ul	-0.01
13) 4-Methylphenol-d8	8.26	113	45303	20.51	ng/ul	-0.01
19) Nitrobenzene-d5	8.71	128	21916	21.63	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.42	143	24470	20.75	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.95	165	54507	22.71	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.47	131	62808	21.51	ng/ul	-0.02
43) Dimethylphthalate-d6	13.62	166	180871	19.96	ng/ul	-0.01
46) Acenaphthylene-d8	13.89	160	211428	21.66	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.46	143	18654	13.90	ng/ul	0.00
57) Fluorene-d10	15.20	176	157230	20.92	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.37	200	31767	16.87	ng/ul	-0.01
70) Anthracene-d10	17.06	188	267558	20.71	ng/ul	-0.02
78) Pyrene-d10	19.37	212	316122	25.99	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.22	264	243667	20.23	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	6000	8.484	ng/uL	96
4) Benzaldehyde	6.71	77	38500	26.249	ng/ul	96
6) Phenol	6.76	94	51913	19.027	ng/ul#	88
8) Bis(2-Chloroethyl)ether	6.99	93	37484	18.870	ng/ul	93
10) 2-Chlorophenol	7.10	128	44290	20.739	ng/ul	96
11) 2-Methylphenol	7.99	108	41689	19.402	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.05	45	48878	18.882	ng/ul	98
14) Acetophenone	8.37	105	73749	19.317	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.35	70	37975	19.651	ng/ul	99
16) 4-Methylphenol	8.32	108	44686	18.916	ng/ul	95
17) Hexachloroethane	8.57	117	22607	21.590	ng/ul	99
20) Nitrobenzene	8.75	77	62417	20.921	ng/ul	99
21) Isophorone	9.27	82	102505	18.851	ng/ul	99
23) 2-Nitrophenol	9.45	139	28105	21.700	ng/ul#	92
24) 2,4-Dimethylphenol	9.51	107	62297	20.510	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.75	93	57019	19.422	ng/ul	98
27) 2,4-Dichlorophenol	9.97	162	53092	21.829	ng/ul	99
28) Naphthalene	10.36	128	151062	20.145	ng/ul	100
30) 4-Chloroaniline	10.50	127	60594	19.940	ng/ul	95
31) Hexachlorobutadiene	10.60	225	56810	24.354	ng/ul	98
32) Caprolactam	11.33	113	11364	15.055	ng/ul	93
33) 4-Chloro-3-methylphenol	11.64	107	55662	20.730	ng/ul	98
34) 2-Methylnaphthalene	11.98	142	118252	20.468	ng/ul	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082819\

Quantitation Report (Not Reviewed)

Data File : BM022391.D
Acq On : 28 Aug 2019 20:03
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02062

Quant Time: Aug 29 07:11:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 29 07:08:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.35	216	95824	22.517	ng/ul	96
37) Hexachlorocyclopentadiene	12.30	237	31206	15.804	ng/ul	97
38) 2,4,6-Trichlorophenol	12.62	196	51886	21.712	ng/ul	97
39) 2,4,5-Trichlorophenol	12.70	196	52739	20.177	ng/ul	98
40) 1,1'-Biphenyl	13.02	154	160450	19.160	ng/ul	97
41) 2-Chloronaphthalene	13.06	162	131463	20.141	ng/ul	98
42) 2-Nitroaniline	13.30	65	40831	20.471	ng/ul	97
44) Dimethylphthalate	13.67	163	177382	19.237	ng/ul#	99
45) 2,6-Dinitrotoluene	13.81	165	34371	19.412	ng/ul	98
47) Acenaphthylene	13.92	152	192782	19.047	ng/ul	100
48) 3-Nitroaniline	14.15	138	31433	20.853	ng/ul	93
49) Acenaphthene	14.26	153	144802	20.151	ng/ul	99
50) 2,4-Dinitrophenol	14.39	184	16829	15.894	ng/ul	96
52) 4-Nitrophenol	14.48	109	44187	19.807	ng/ul	96
53) Dibenzofuran	14.60	168	209337	19.559	ng/ul	98
54) 2,4-Dinitrotoluene	14.62	165	53546	19.564	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.84	232	57113	21.550	ng/ul	91
56) Diethylphthalate	15.04	149	189435	19.156	ng/ul	98
58) Fluorene	15.25	166	182203	20.212	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.25	204	122574	22.210	ng/ul	97
60) 4-Nitroaniline	15.33	138	30058	19.217	ng/ul	87
63) 4,6-Dinitro-2-methylphenol	15.39	198	31222	15.458	ng/ul#	94
64) N-Nitrosodiphenylamine	15.47	169	149961	19.726	ng/ul	98
65) 4-Bromophenyl-phenylether	16.15	248	77234	22.116	ng/ul	93
66) Hexachlorobenzene	16.25	284	82436	21.186	ng/ul	98
67) Atrazine	16.44	200	89536	22.614	ng/ul	96
68) Pentachlorophenol	16.62	266	35123	14.942	ng/ul	98
69) Phenanthrene	17.00	178	286973	19.663	ng/ul	99
71) Anthracene	17.09	178	294186	19.370	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	12.97	216	95050	21.904	ng/uL	97
73) Pentachlorobenzene	14.51	250	106198	22.560	ng/uL	98
74) Carbazole	17.39	167	231002	16.840	ng/ul	99
75) Di-n-butylphthalate	17.93	149	327290	18.677	ng/ul	99
76) Fluoranthene	19.03	202	375729	17.084	ng/ul#	96
79) Pyrene	19.40	202	369447	24.391	ng/ul#	95
80) Butylbenzylphthalate	20.31	149	140912	21.981	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.10	252	105400	17.314	ng/ul	98
82) Benzo(a)anthracene	21.16	228	357046	20.272	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.07	149	205521	21.305	ng/ul#	96
84) Chrysene	21.21	228	326904	19.851	ng/ul	99
86) Di-n-octyl phthalate	21.94	149	309611	19.053	ng/ul	100
87) Benzo(b)fluoranthene	22.70	252	306279	20.081	ng/ul#	98
88) Benzo(k)fluoranthene	22.75	252	306282	20.707	ng/ul#	97
90) Benzo(a)pyrene	23.27	252	289970	19.945	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.54	276	342127	20.266	ng/ul#	96
92) Dibenzo(a,h)anthracene	25.55	278	284487	19.850	ng/ul	98
93) Benzo(g,h,i)perylene	26.21	276	265454	20.612	ng/ul	98

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

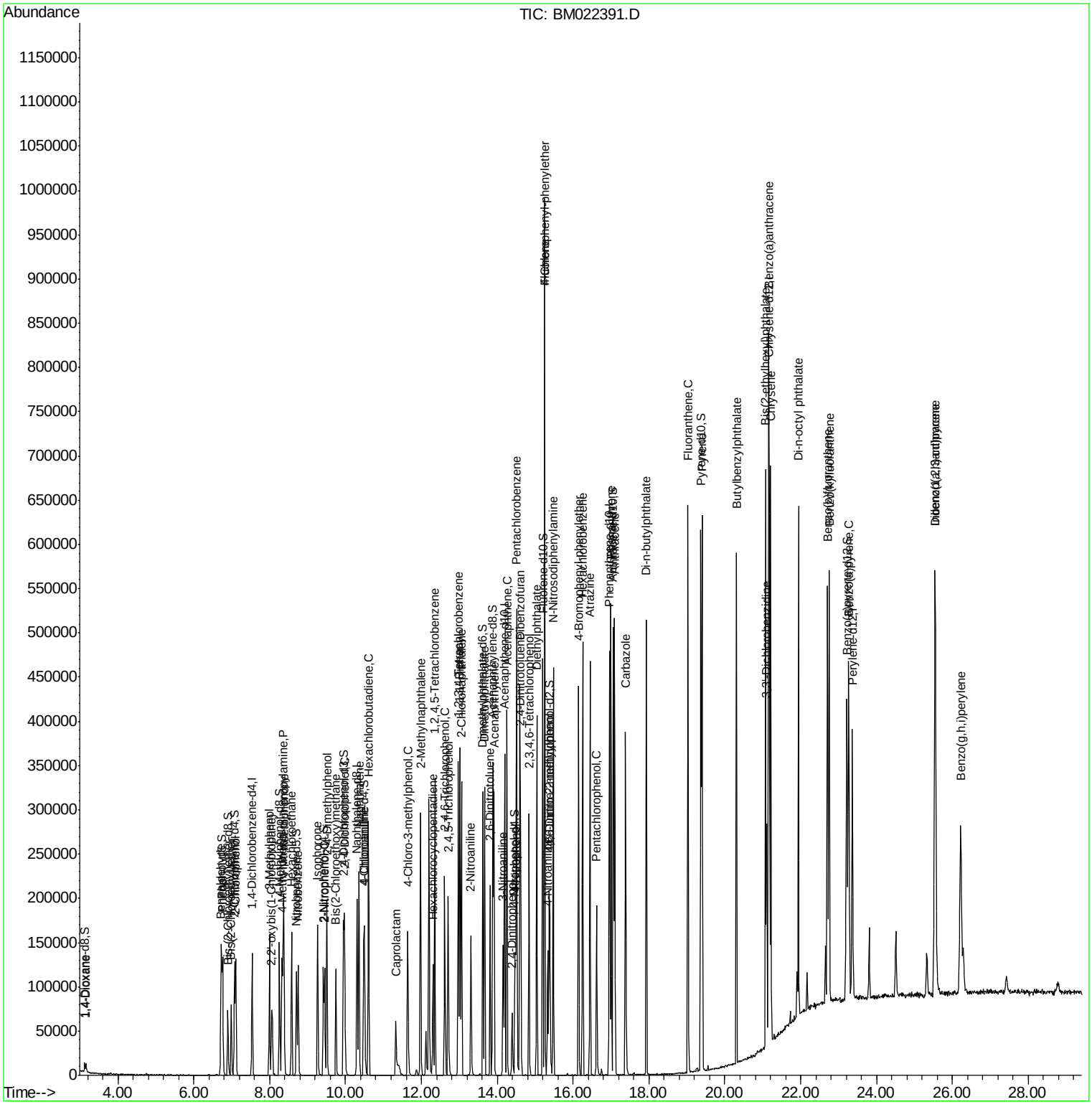
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082819\

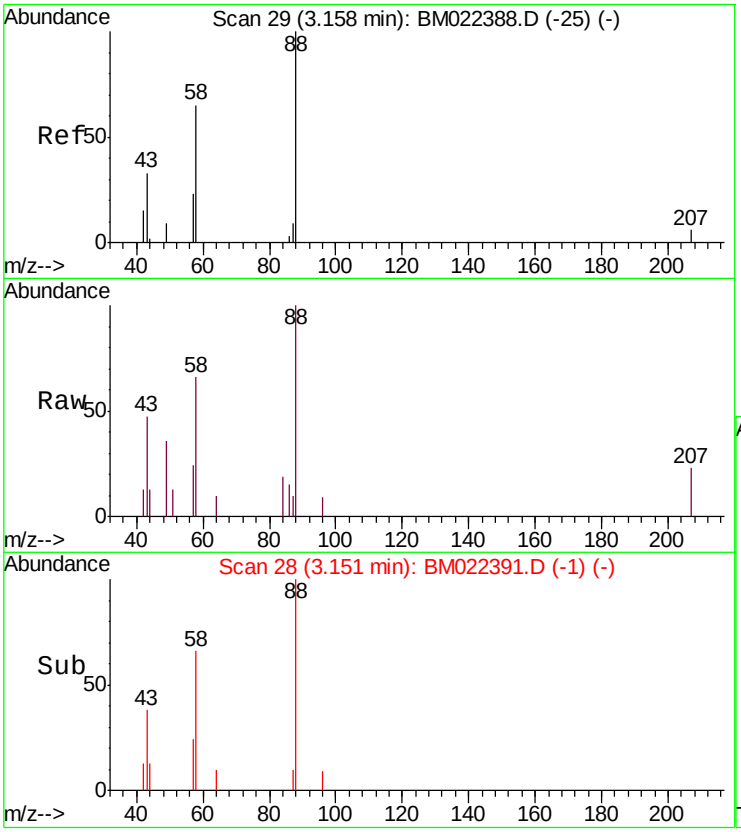
Quantitation Report (Not Reviewed)

Data File : BM022391.D
Acq On : 28 Aug 2019 20:03
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Quant Time: Aug 29 07:11:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 29 07:08:15 2019
Response via : Initial Calibration



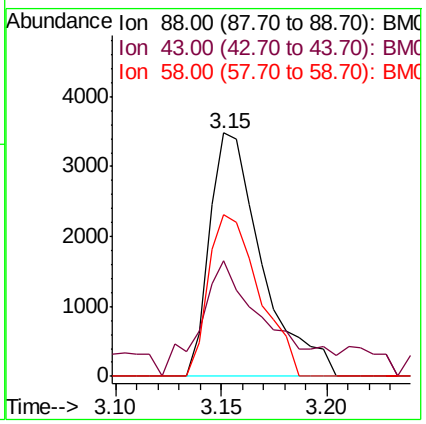


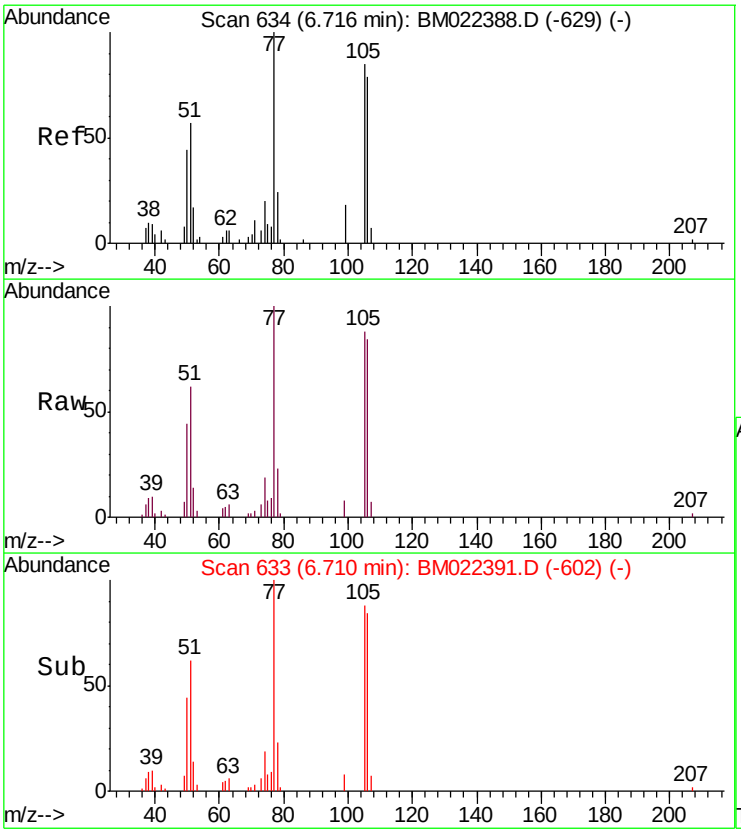
#2
1,4-Dioxane
Concen: 8.484 ng/uL
RT: 3.15 min Scan# 28
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion: 88 Resp: 6000

Ion	Ratio	Lower	Upper
88	100		
43	47.5	41.5	62.3
58	66.5	54.8	82.2

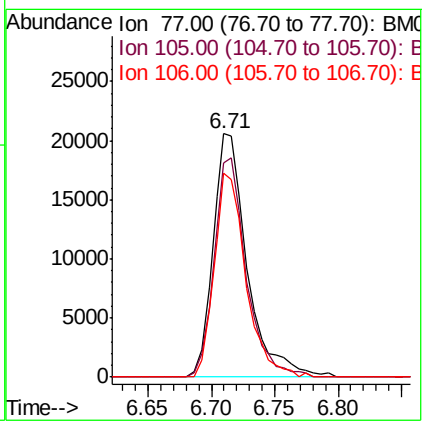


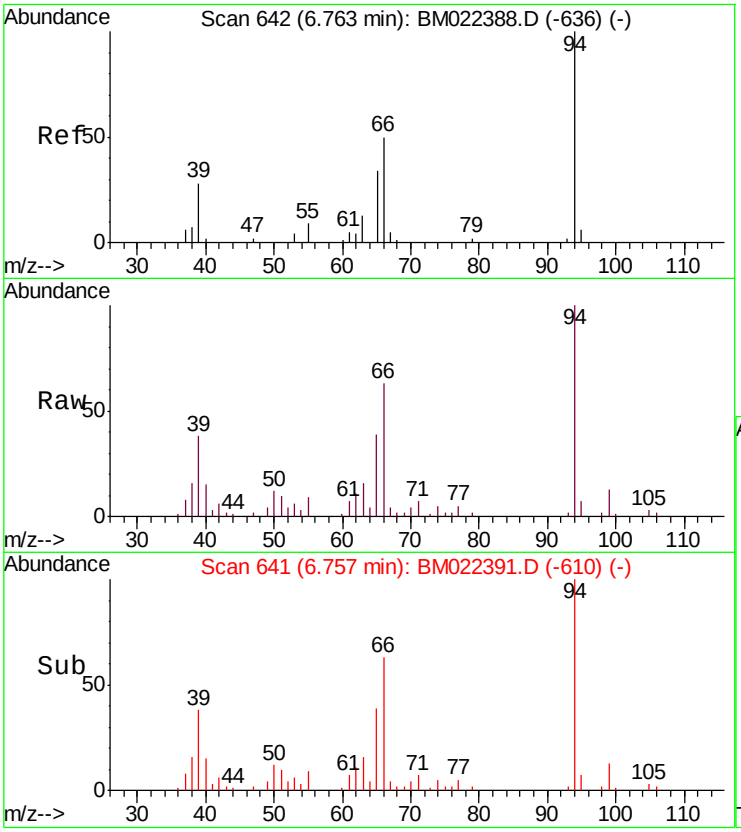


#4
Benzaldehyde
Concen: 26.249 ng/ul
RT: 6.71 min Scan# 633
Delta R.T. -0.02 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Tgt Ion: 77 Resp: 38500

Ion	Ratio	Lower	Upper
77	100		
105	88.2	71.7	107.5
106	83.9	71.7	107.5



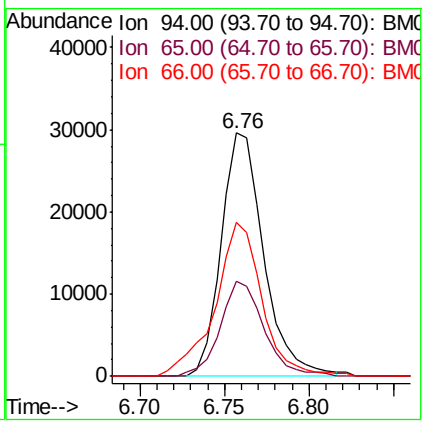


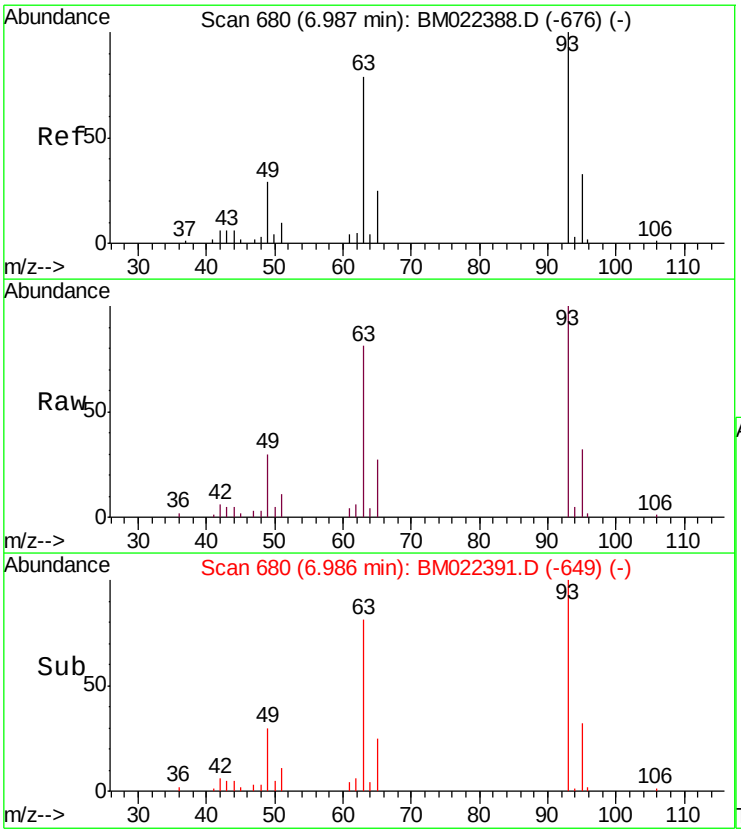
#6
Phenol
Concen: 19.027 ng/ul
RT: 6.76 min Scan# 641
Delta R.T. -0.02 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion: 94 Resp: 51913

Ion	Ratio	Lower	Upper
94	100		
65	39.3	29.2	43.8
66	63.2	40.6	60.8#

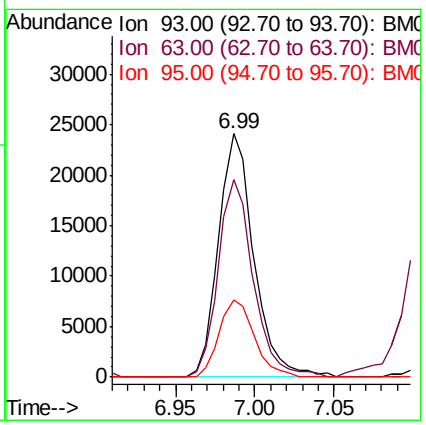


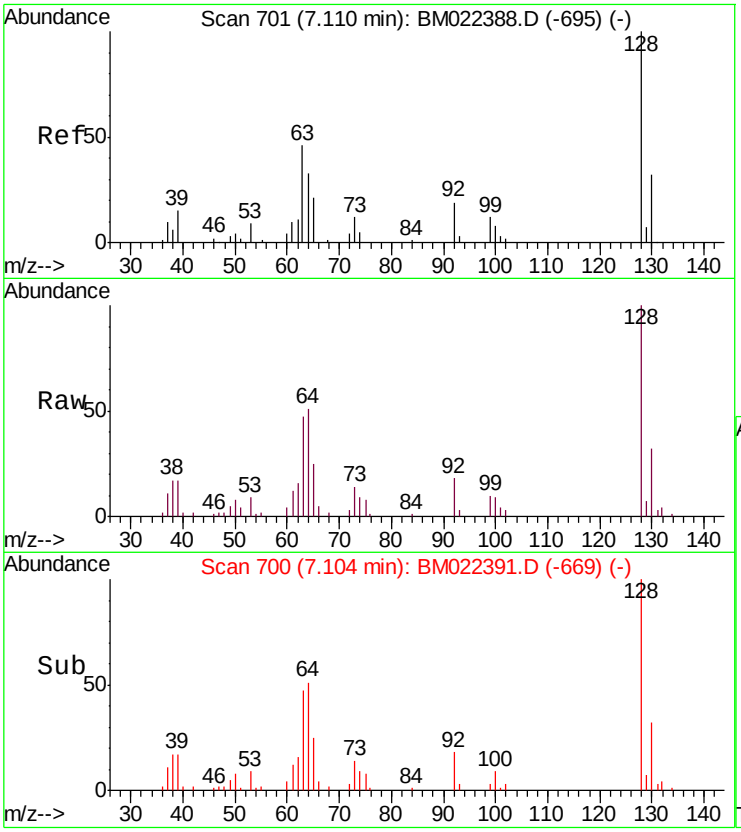


#8
Bis(2-Chloroethyl)ether
Concen: 18.870 ng/ul
RT: 6.99 min Scan# 680
Delta R.T. -0.02 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Tgt Ion: 93 Resp: 37484

Ion	Ratio	Lower	Upper
93	100		
63	81.2	58.9	88.3
95	31.8	25.8	38.6



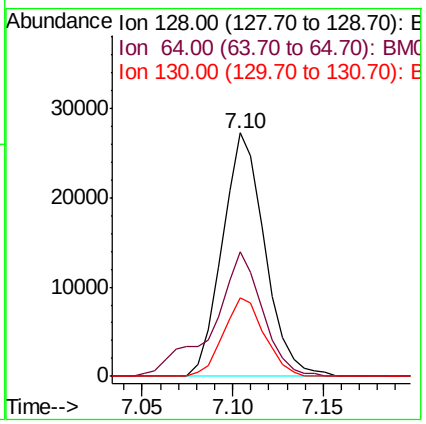


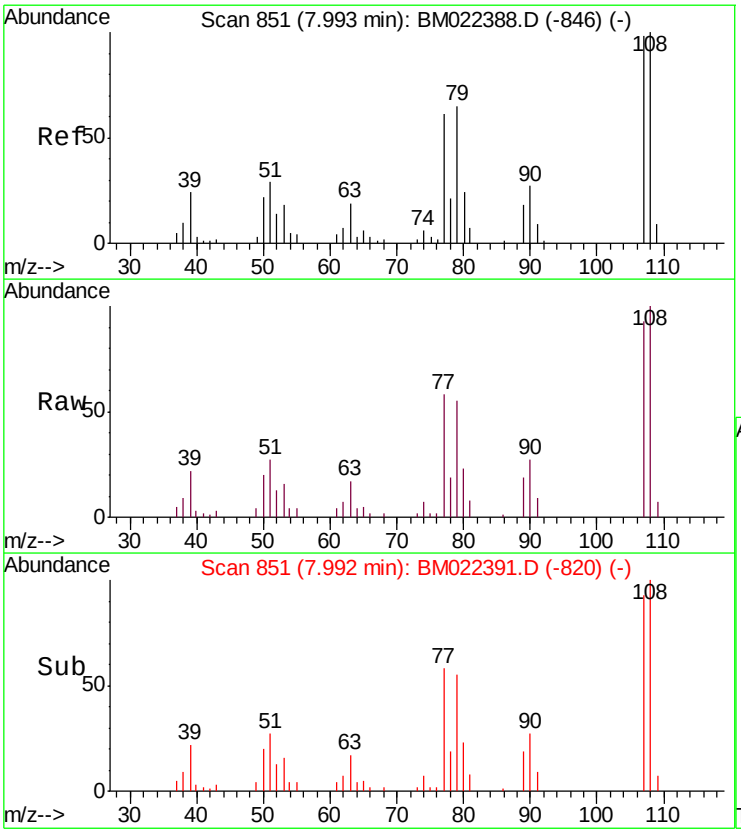
#10
2-Chlorophenol
Concen: 20.739 ng/ul
RT: 7.10 min Scan# 700
Delta R.T. -0.02 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:128 Resp: 44290

Ion	Ratio	Lower	Upper
128	100		
64	51.3	38.6	57.8
130	32.5	27.0	40.6

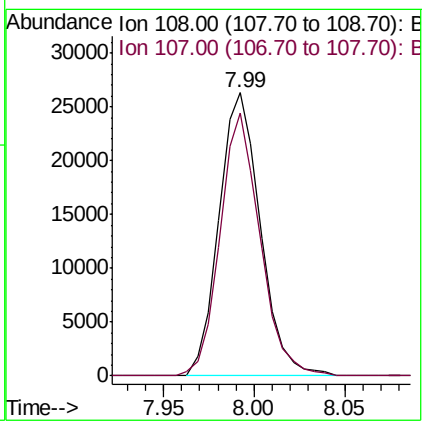


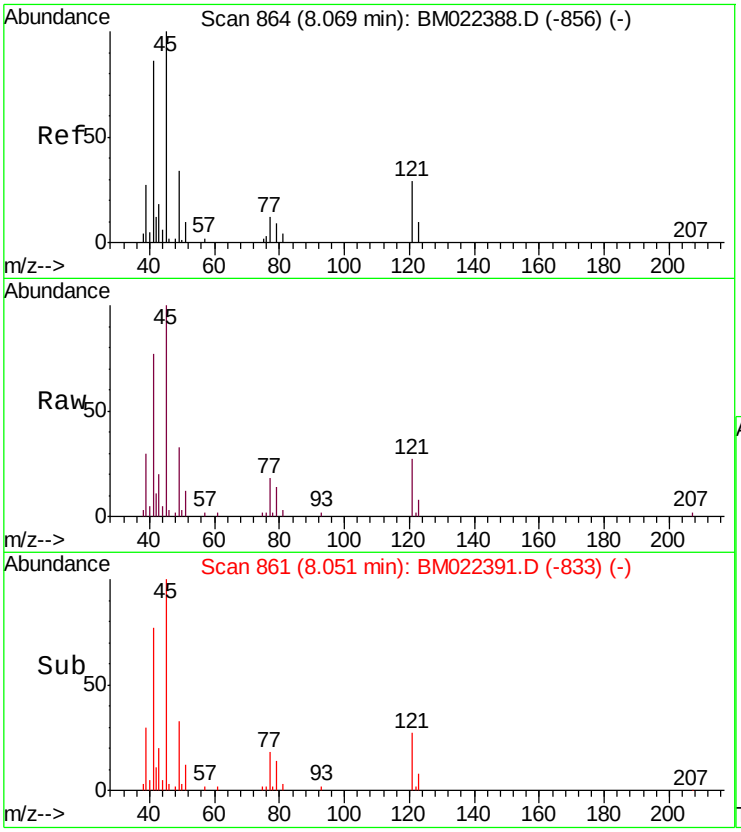


#11
2-Methylphenol
Concen: 19.402 ng/ul
RT: 7.99 min Scan# 851
Delta R.T. -0.02 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Tgt Ion:108 Resp: 41689

Ion	Ratio	Lower	Upper
108	100		
107	92.7	70.1	105.1



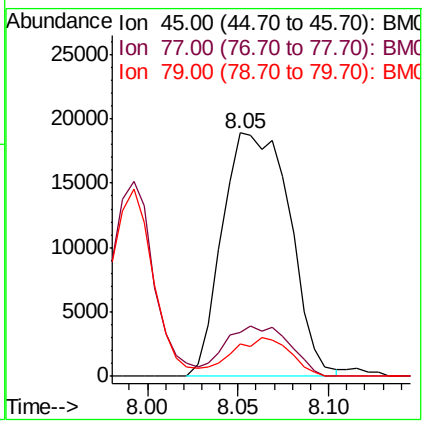


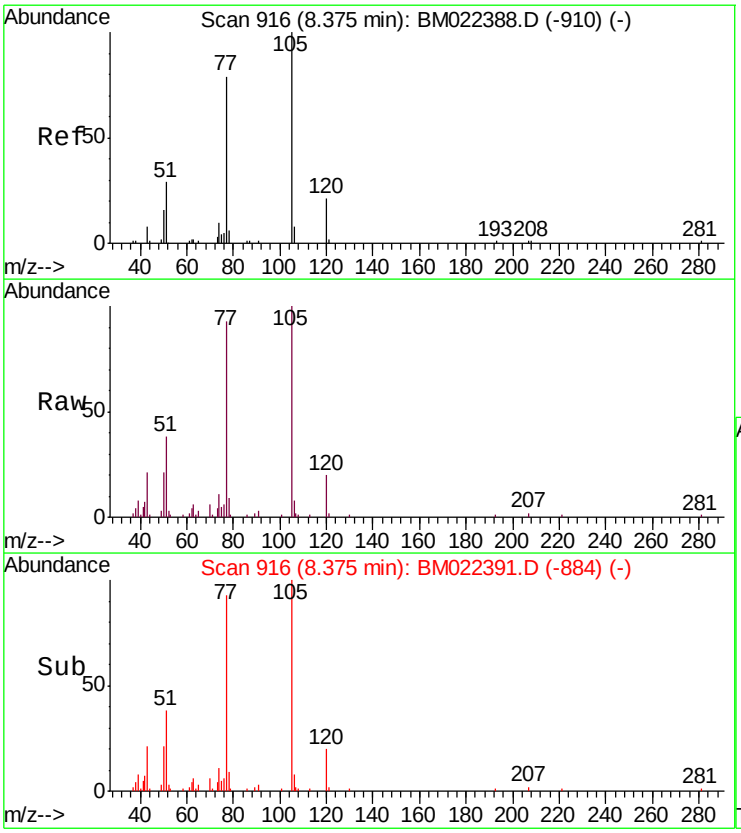
#12
2,2'-oxybis(1-Chloropropane)
Concen: 18.882 ng/ul
RT: 8.05 min Scan# 861
Delta R.T. -0.04 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion: 45 Resp: 48878

Ion	Ratio	Lower	Upper
45	100		
77	18.0	15.0	22.4
79	13.5	11.4	17.0

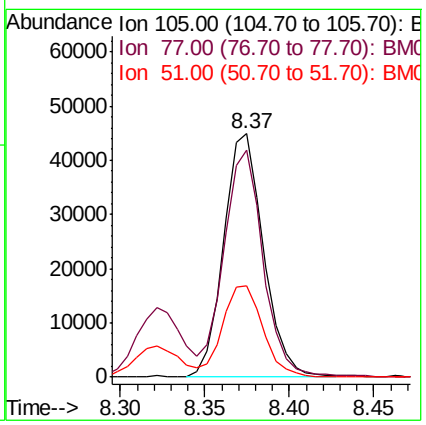


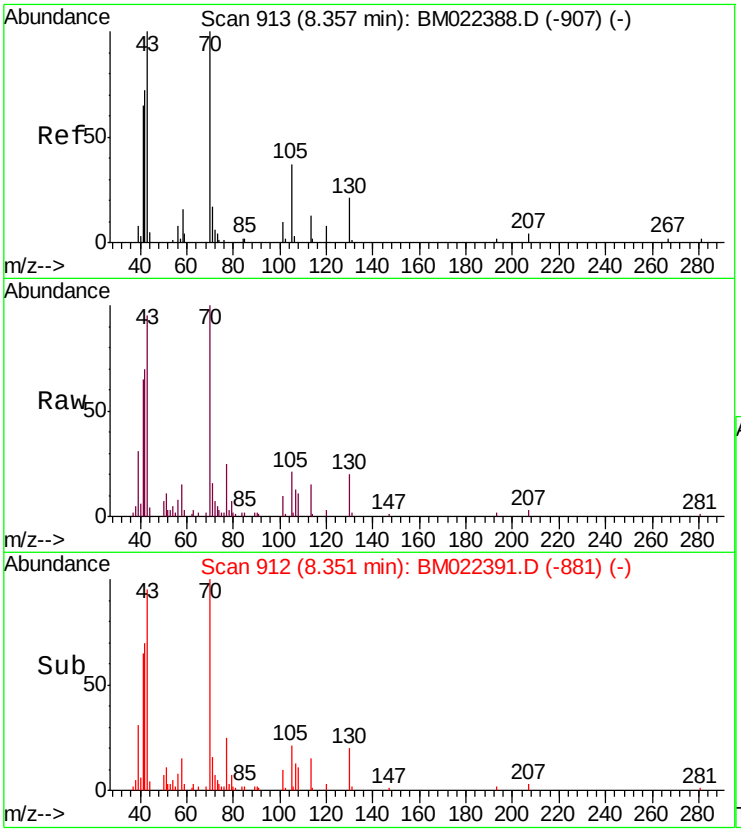


#14
Acetophenone
Concen: 19.317 ng/ul
RT: 8.37 min Scan# 916
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Tgt Ion:105 Resp: 73749

Ion	Ratio	Lower	Upper
105	100		
77	93.2	68.4	102.6
51	37.5	25.0	37.4#



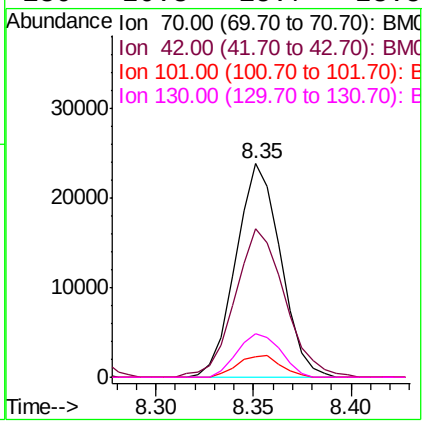


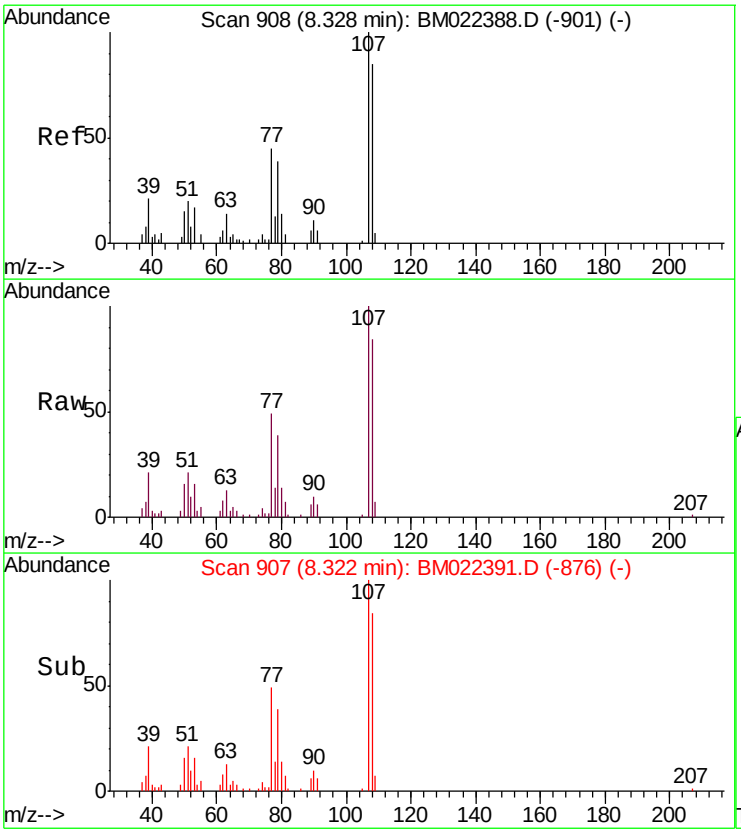
#15
N-Nitroso-di-n-propylamine
Concen: 19.651 ng/ul
RT: 8.35 min Scan# 912
Delta R.T. -0.02 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion: 70 Resp: 37975

Ion	Ratio	Lower	Upper
70	100		
42	69.5	55.1	82.7
101	9.8	8.0	12.0
130	20.3	15.7	23.5

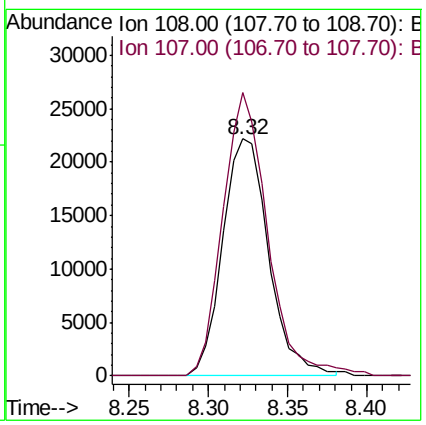


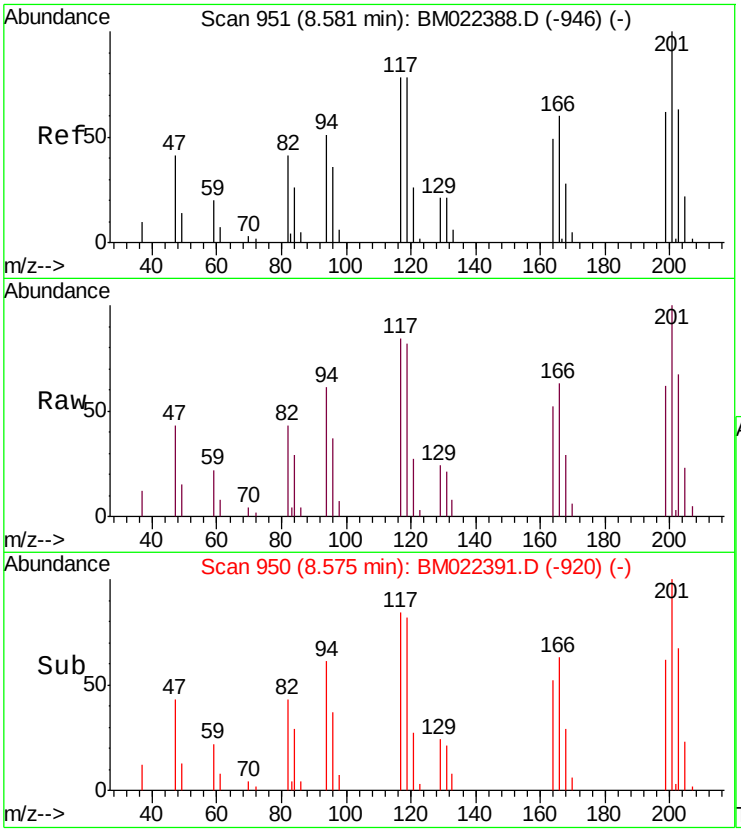


#16
4-Methylphenol
Concen: 18.916 ng/ul
RT: 8.32 min Scan# 907
Delta R.T. -0.02 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Tgt Ion:108 Resp: 44686

Ion	Ratio	Lower	Upper
108	100		
107	119.4	90.8	136.2



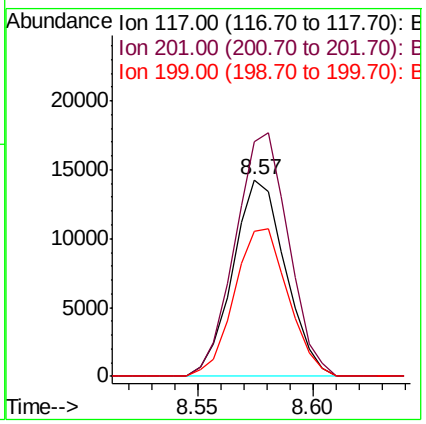


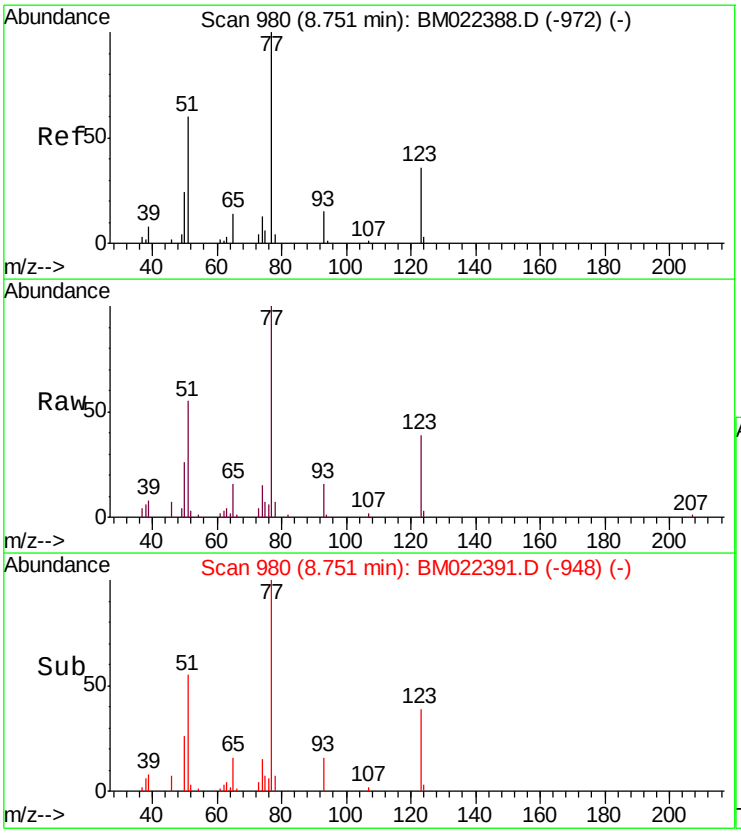
#17
Hexachloroethane
Concen: 21.590 ng/ul
RT: 8.57 min Scan# 950
Delta R.T. -0.02 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:117 Resp: 22607

Ion	Ratio	Lower	Upper
117	100		
201	119.3	95.9	143.9
199	74.0	60.6	90.8

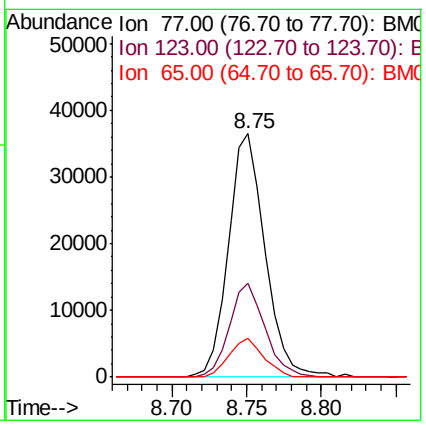


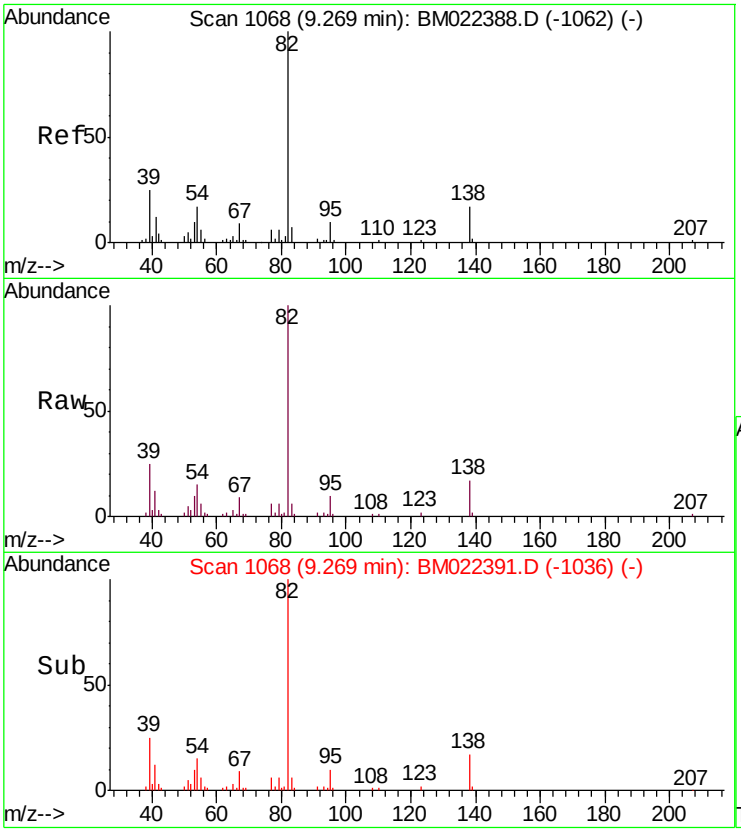


#20
Nitrobenzene
Concen: 20.921 ng/ul
RT: 8.75 min Scan# 980
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Tgt Ion: 77 Resp: 62417

Ion	Ratio	Lower	Upper
77	100		
123	38.5	31.0	46.4
65	15.7	12.2	18.2



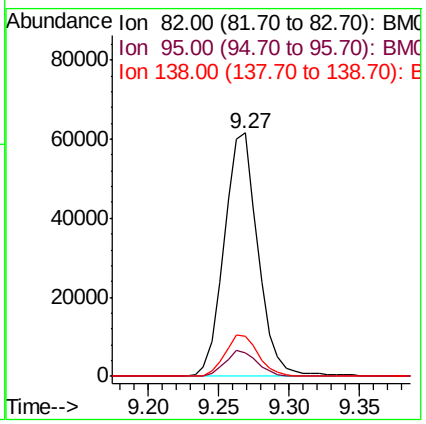


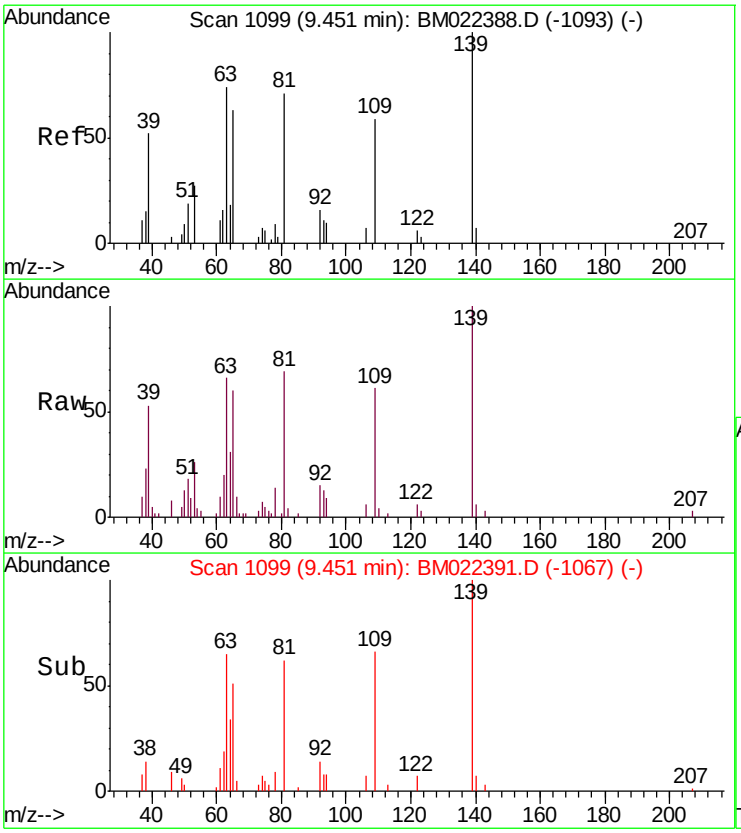
#21
Isophorone
Concen: 18.851 ng/ul
RT: 9.27 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion: 82 Resp: 102505

Ion	Ratio	Lower	Upper
82	100		
95	9.7	7.2	10.8
138	16.7	13.8	20.6

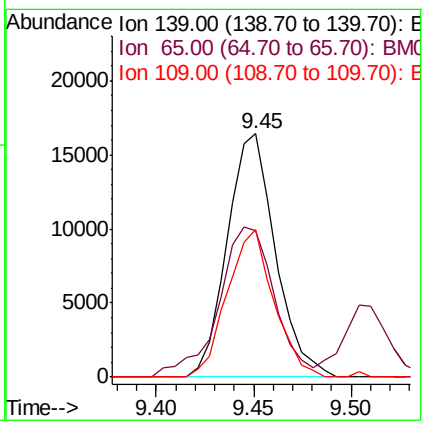


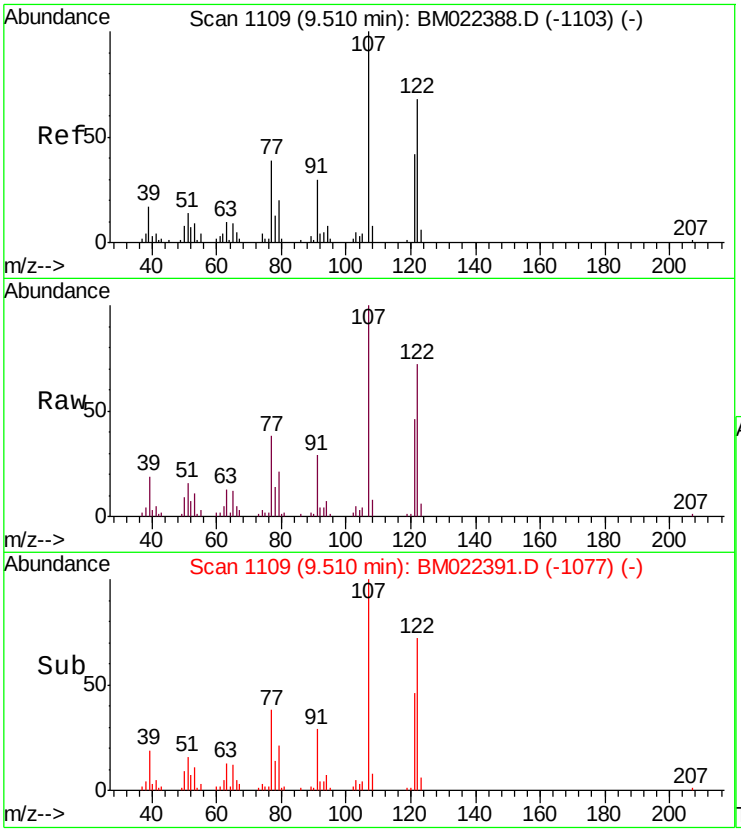


#23
2-Nitrophenol
Concen: 21.700 ng/ul
RT: 9.45 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Tgt Ion:139 Resp: 28105

Ion	Ratio	Lower	Upper
139	100		
65	59.9	48.9	73.3
109	60.8	39.7	59.5#



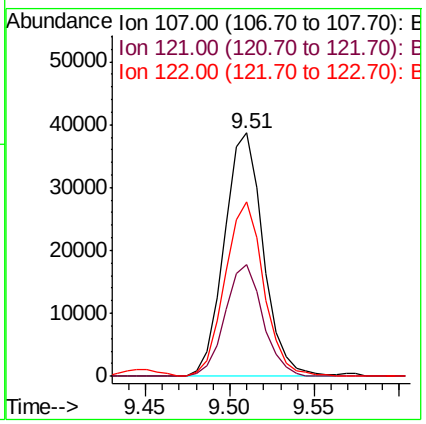


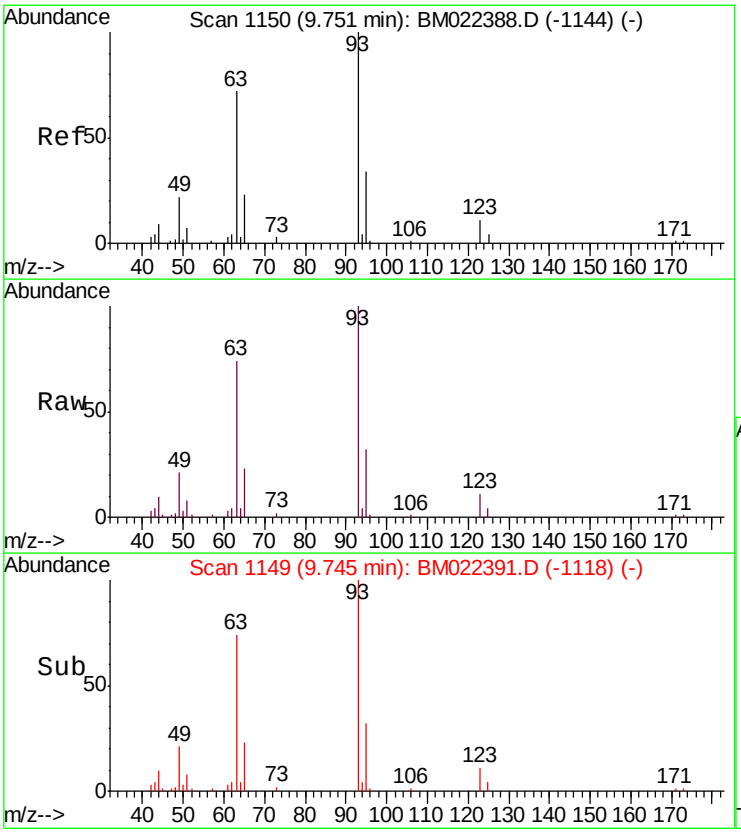
#24
2,4-Dimethylphenol
Concen: 20.510 ng/ul
RT: 9.51 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:107 Resp: 62297

Ion	Ratio	Lower	Upper
107	100		
121	46.1	33.6	50.4
122	71.8	58.0	87.0

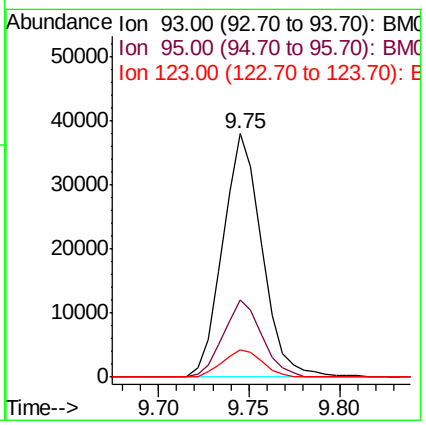


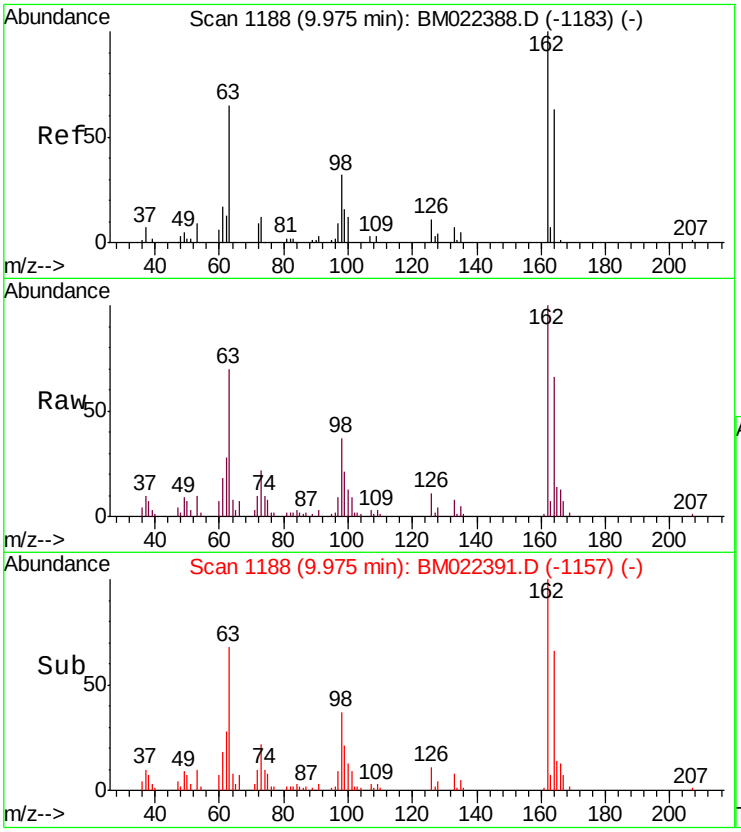


#25
Bis(2-Chloroethoxy)methane
Concen: 19.422 ng/ul
RT: 9.75 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Tgt Ion: 93 Resp: 57019

Ion	Ratio	Lower	Upper
93	100		
95	31.7	26.5	39.7
123	11.3	8.4	12.6



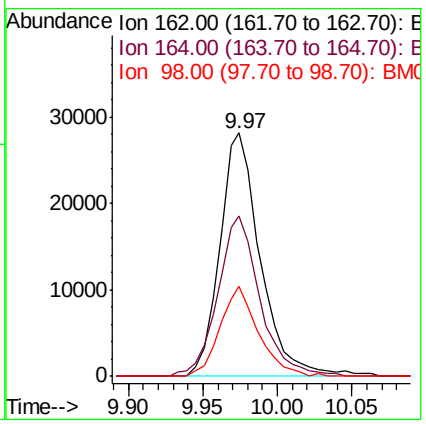


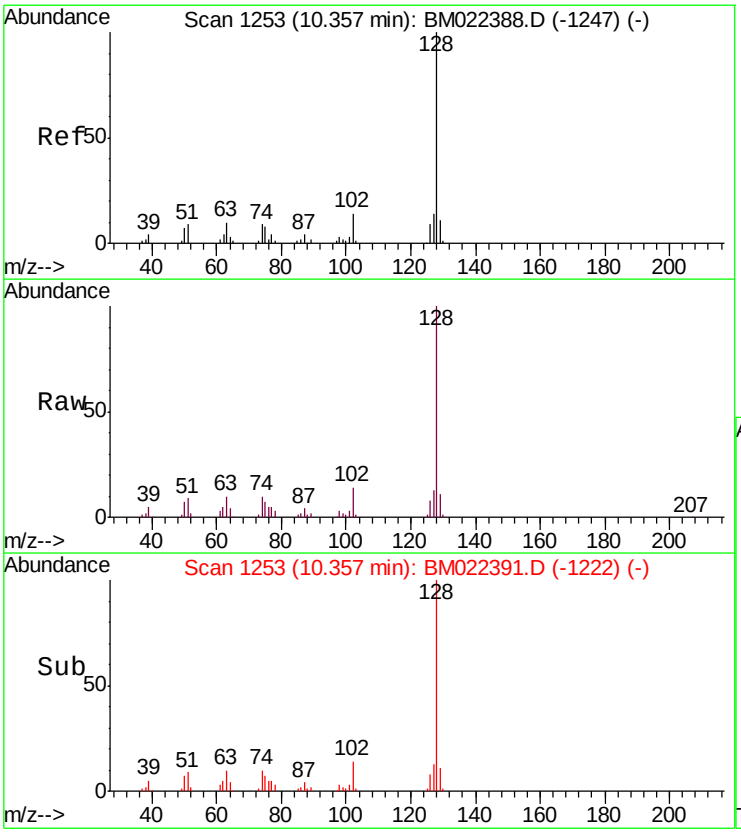
#27
2,4-Dichlorophenol
Concen: 21.829 ng/ul
RT: 9.97 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:162 Resp: 53092

Ion	Ratio	Lower	Upper
162	100		
164	65.9	52.1	78.1
98	36.8	29.2	43.8

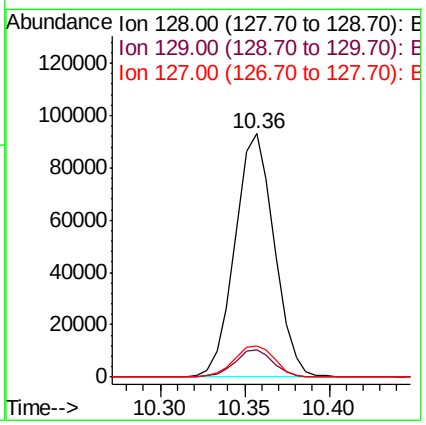


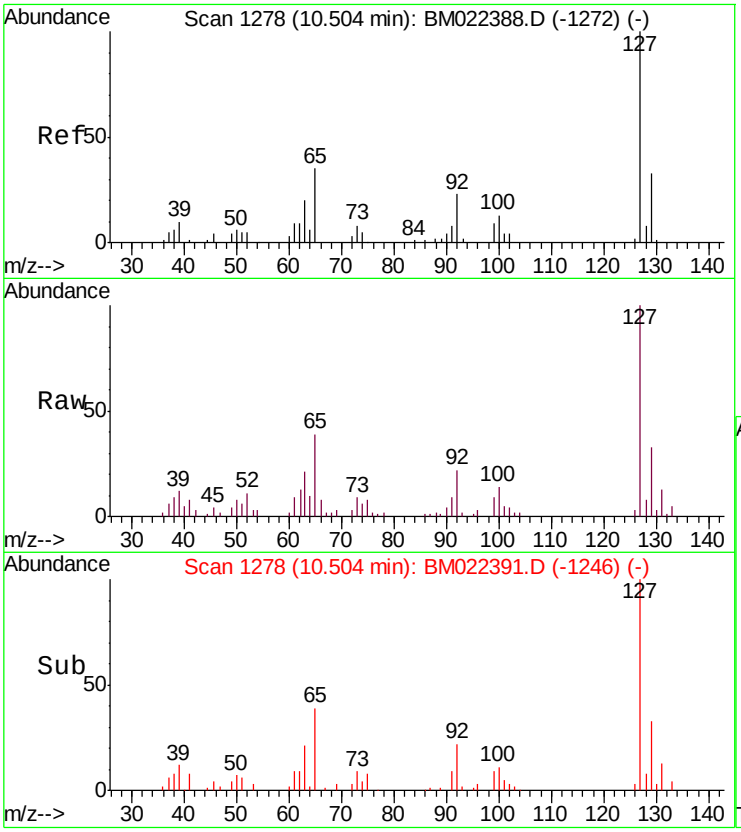


#28
Naphthalene
Concen: 20.145 ng/ul
RT: 10.36 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Tgt Ion:128 Resp: 151062

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.0	10.4	15.6



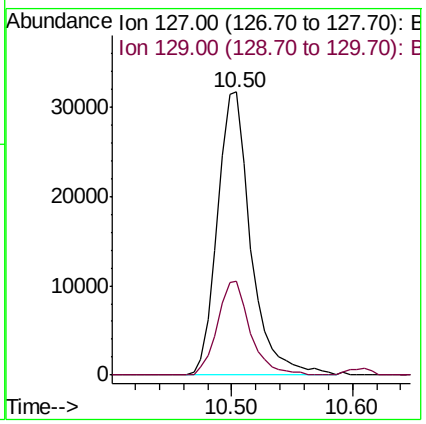


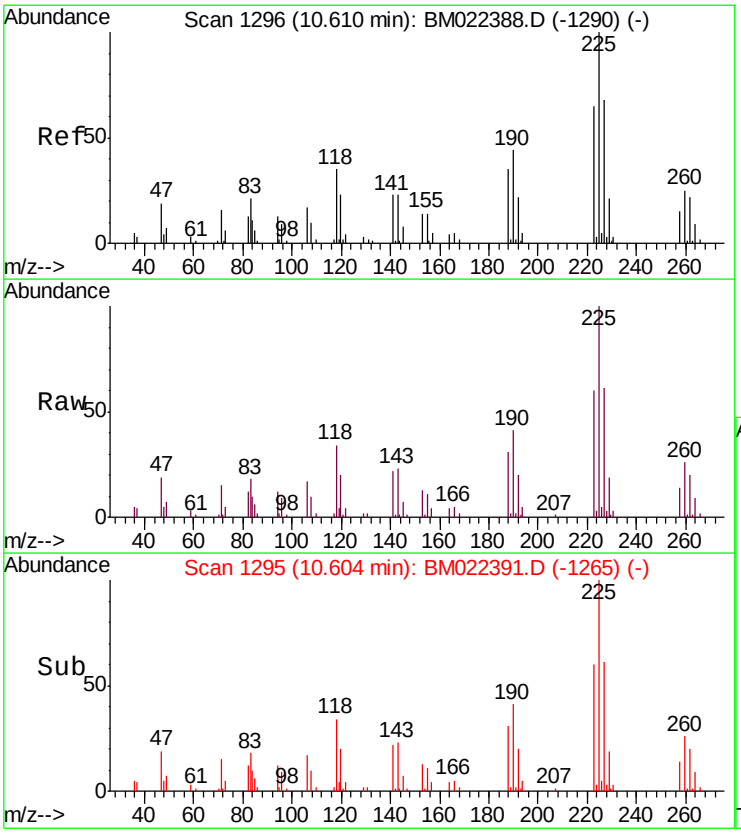
#30
4-Chloroaniline
Concen: 19.940 ng/ul
RT: 10.50 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:127 Resp: 60594

Ion	Ratio	Lower	Upper
127	100		
129	33.3	24.2	36.4

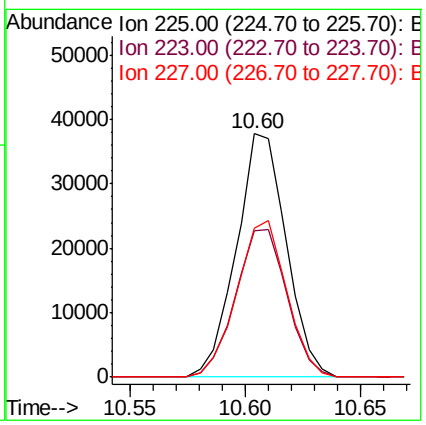


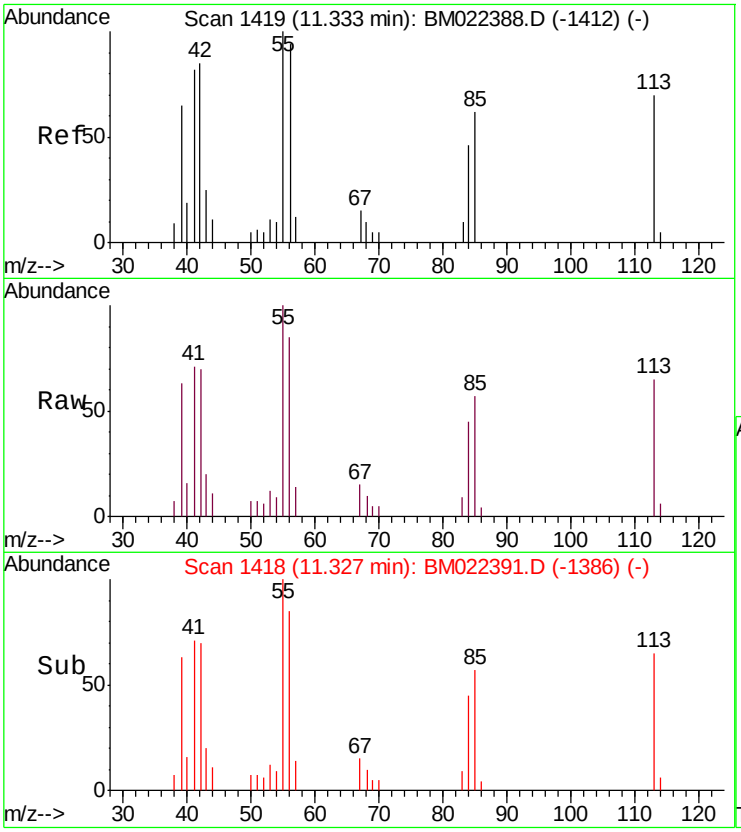


#31
Hexachlorobutadiene
Concen: 24.354 ng/ul
RT: 10.60 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Tgt Ion:225 Resp: 56810

Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.5	74.3
227	60.9	50.3	75.5



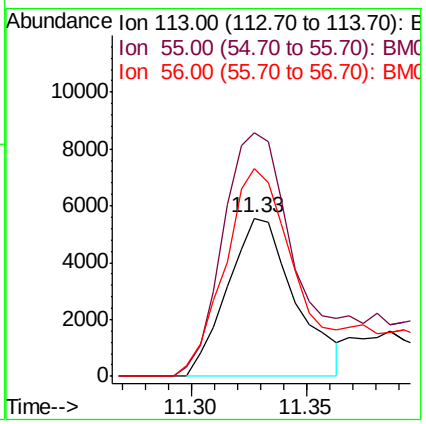


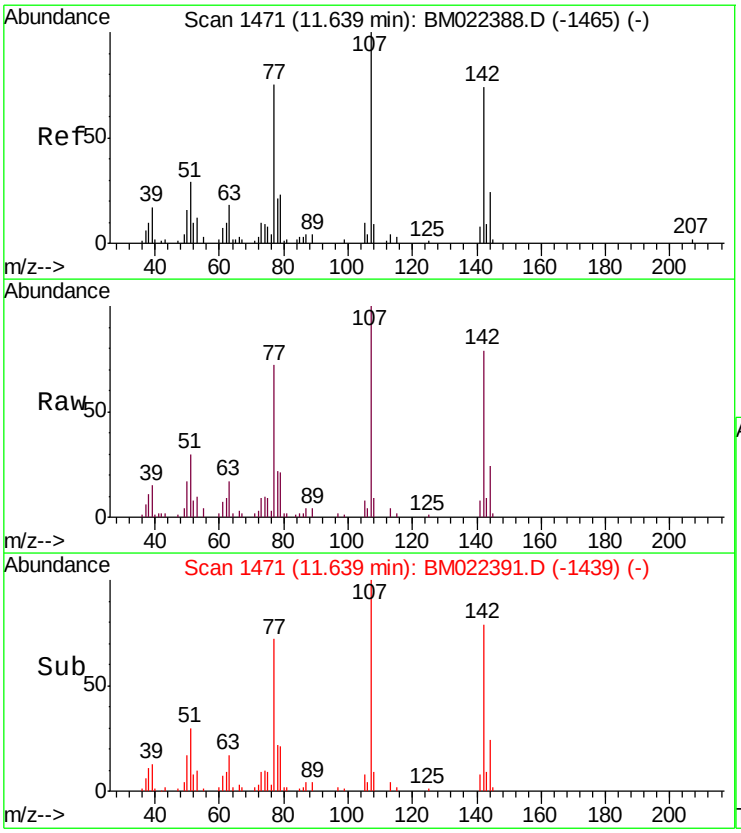
#32
Caprolactam
Concen: 15.055 ng/ul
RT: 11.33 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:113 Resp: 11364

Ion	Ratio	Lower	Upper
113	100		
55	154.0	111.6	167.4
56	131.7	104.6	157.0

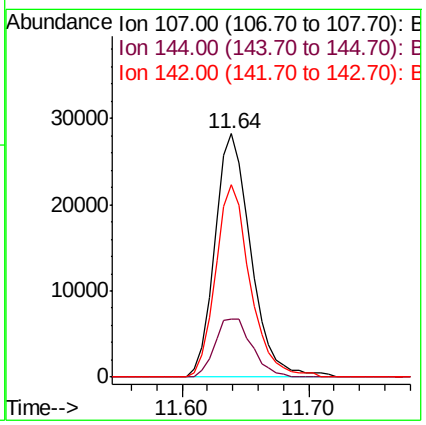


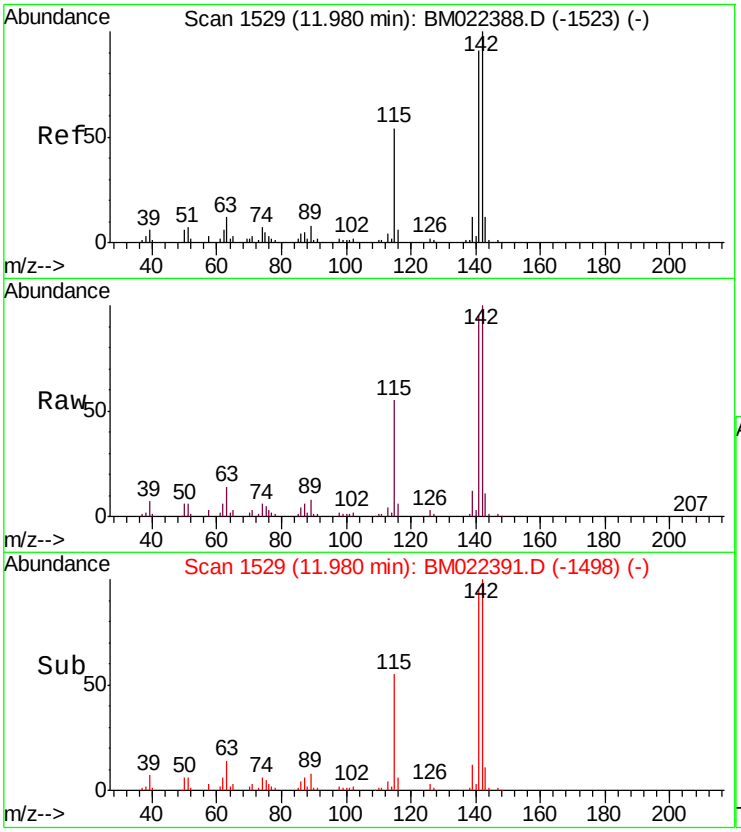


#33
4-Chloro-3-methylphenol
Concen: 20.730 ng/ul
RT: 11.64 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Tgt Ion:107 Resp: 55662

Ion	Ratio	Lower	Upper
107	100		
144	23.6	19.8	29.8
142	78.9	61.5	92.3



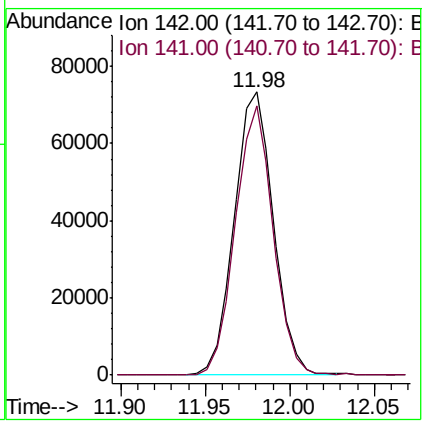


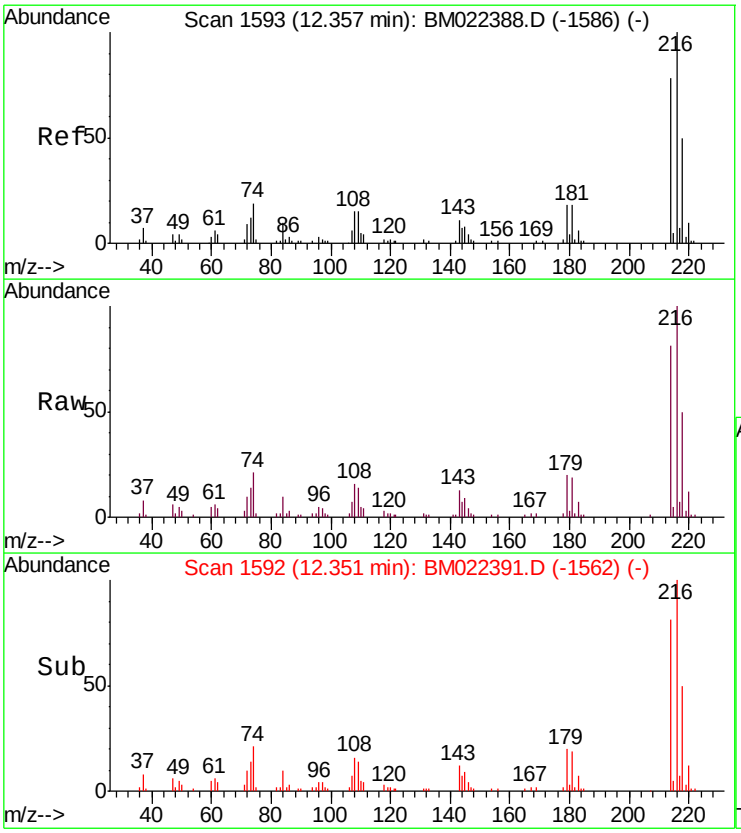
#34
2-Methylnaphthalene
Concen: 20.468 ng/ul
RT: 11.98 min Scan# 1529
Delta R.T. -0.02 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:142 Resp: 118252

Ion	Ratio	Lower	Upper
142	100		
141	95.2	75.1	112.7

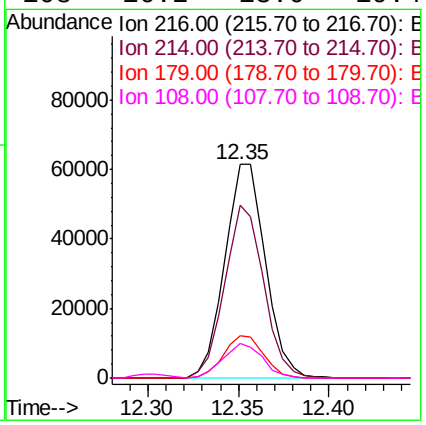


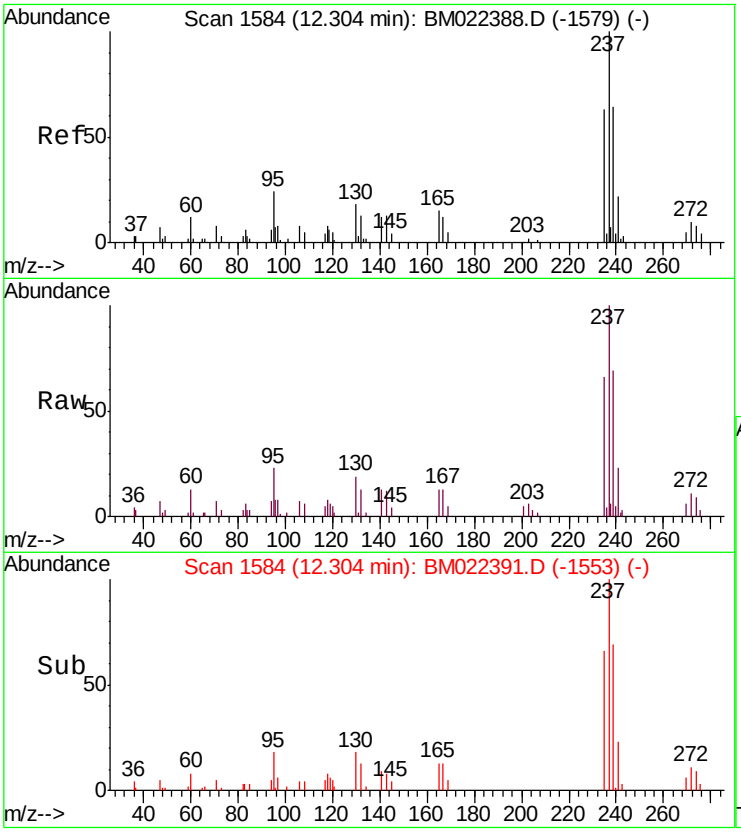


#36
1,2,4,5-Tetrachlorobenzene
Concen: 22.517 ng/ul
RT: 12.35 min Scan# 1592
Delta R.T. -0.02 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Tgt Ion:216 Resp: 95824

Ion	Ratio	Lower	Upper
216	100		
214	80.8	61.0	91.4
179	19.8	16.7	25.1
108	16.2	13.0	19.4



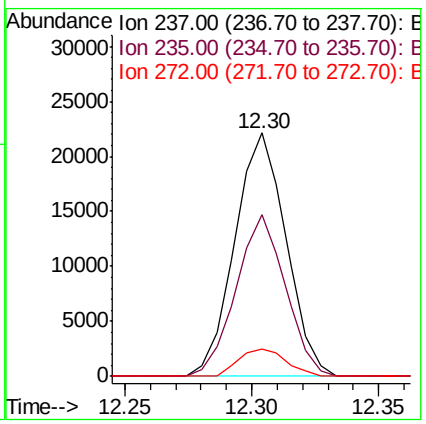


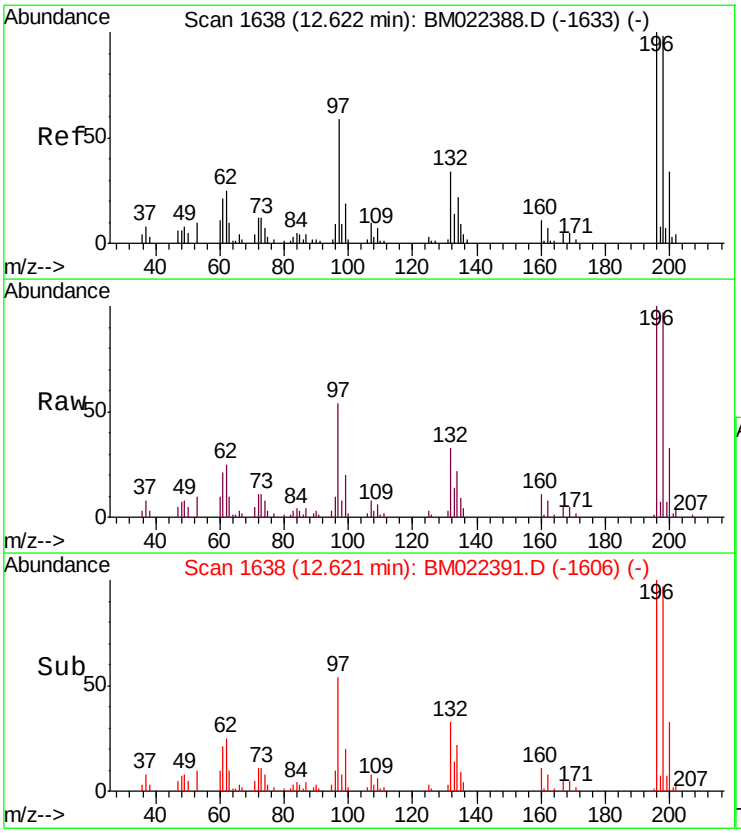
#37
Hexachlorocyclopentadiene
Concen: 15.804 ng/ul
RT: 12.30 min Scan# 1584
Delta R.T. -0.02 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:237 Resp: 31206

Ion	Ratio	Lower	Upper
237	100		
235	66.2	51.0	76.6
272	11.4	8.4	12.6

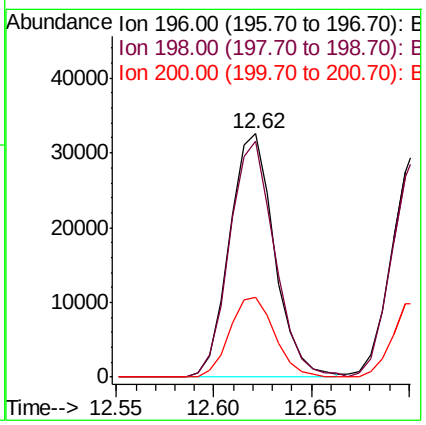


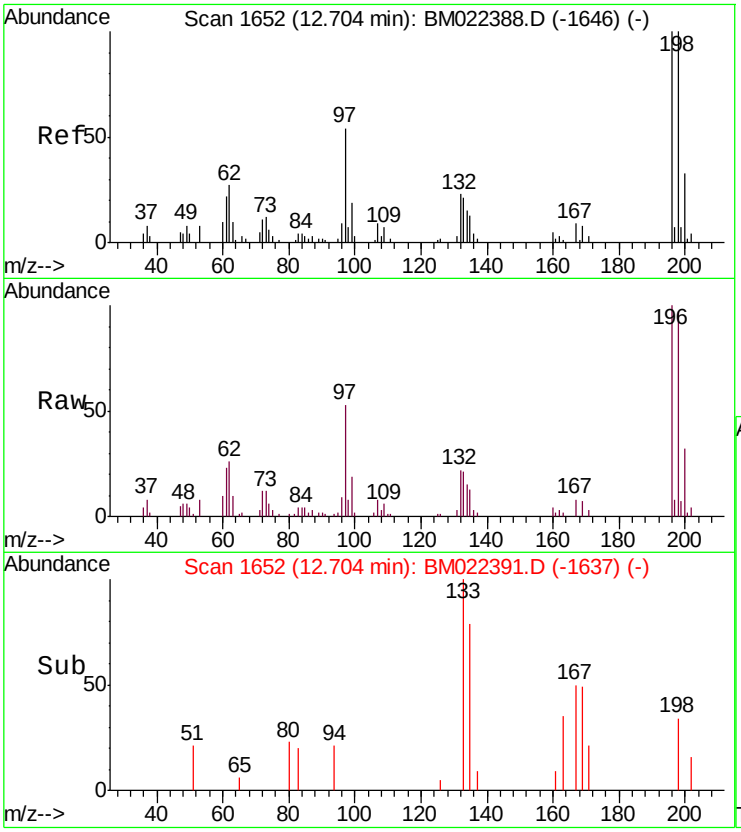


#38
2,4,6-Trichlorophenol
Concen: 21.712 ng/ul
RT: 12.62 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Tgt Ion:196 Resp: 51886

Ion	Ratio	Lower	Upper
196	100		
198	97.0	74.6	112.0
200	32.7	25.8	38.6



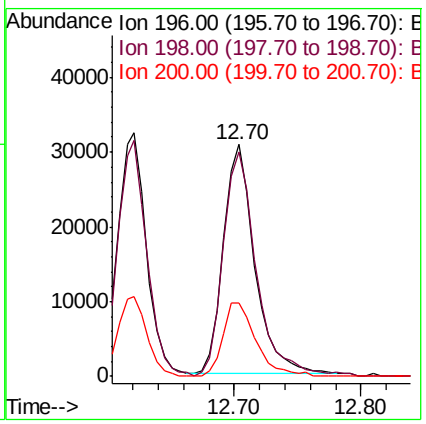


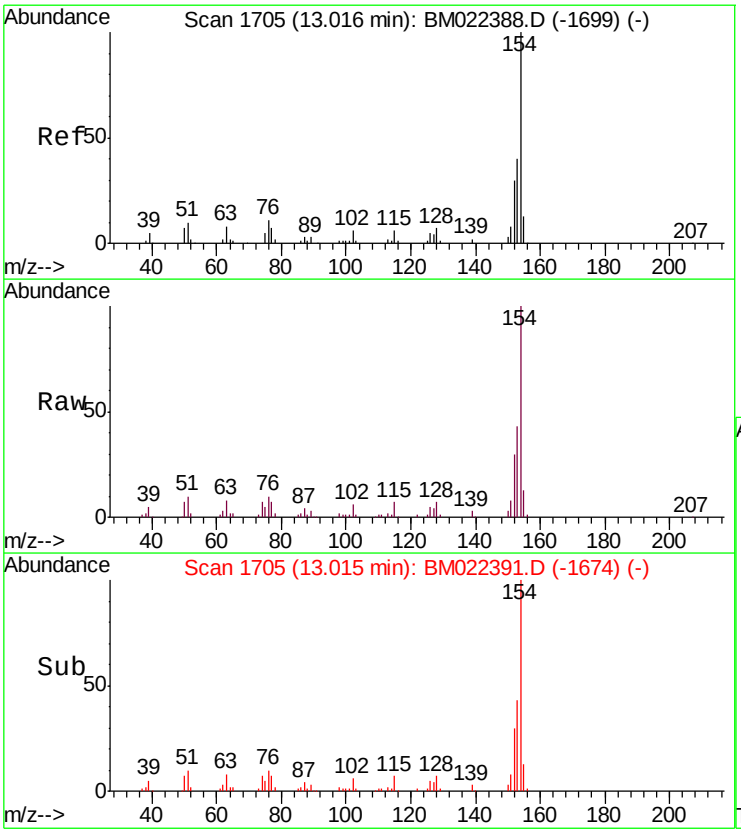
#39
2,4,5-Trichlorophenol
Concen: 20.177 ng/ul
RT: 12.70 min Scan# 1652
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:196 Resp: 52739

Ion	Ratio	Lower	Upper
196	100		
198	97.0	76.1	114.1
200	31.9	25.4	38.2

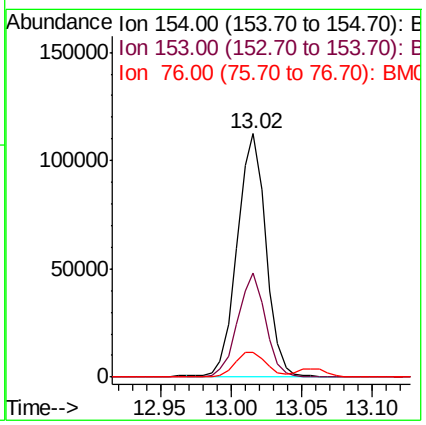


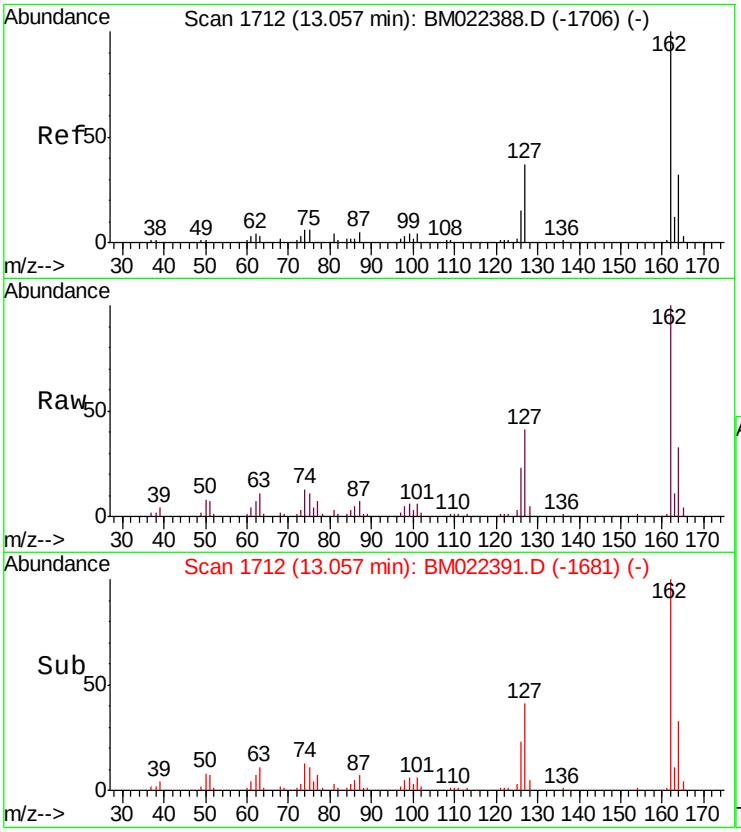


#40
1,1'-Biphenyl
Concen: 19.160 ng/ul
RT: 13.02 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Tgt Ion:154 Resp: 160450

Ion	Ratio	Lower	Upper
154	100		
153	42.7	32.5	48.7
76	10.4	9.2	13.8



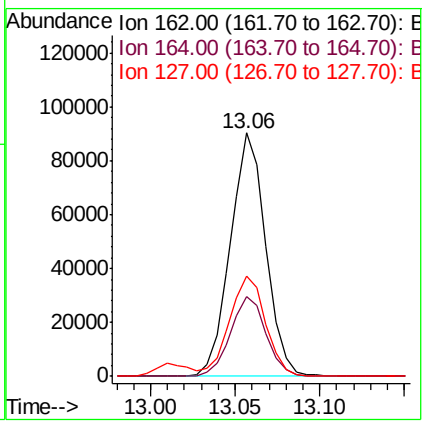


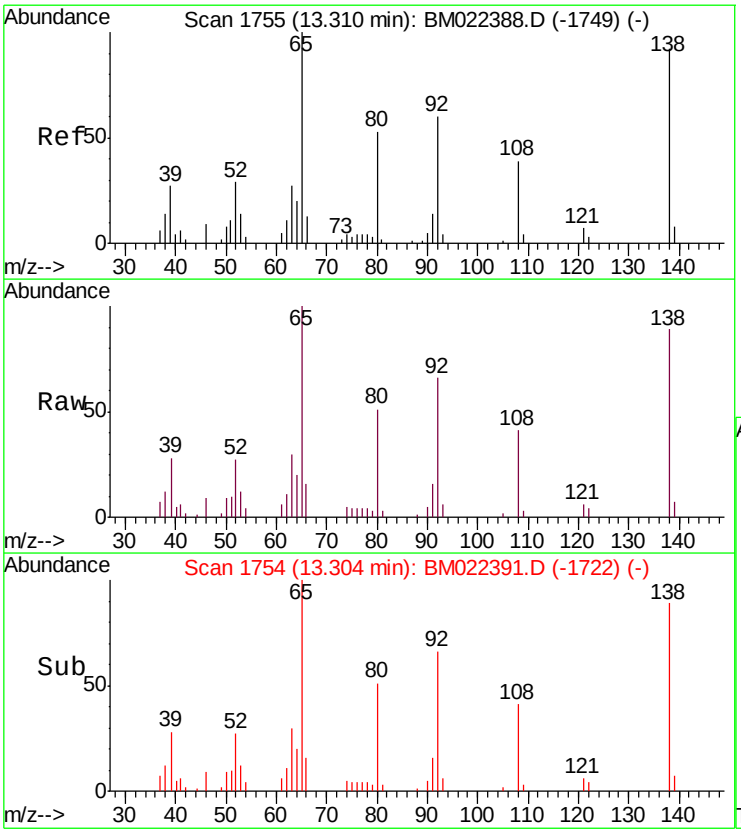
#41
2-Chloronaphthalene
Concen: 20.141 ng/ul
RT: 13.06 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:162 Resp: 131463

Ion	Ratio	Lower	Upper
162	100		
164	33.0	25.4	38.2
127	41.3	32.5	48.7

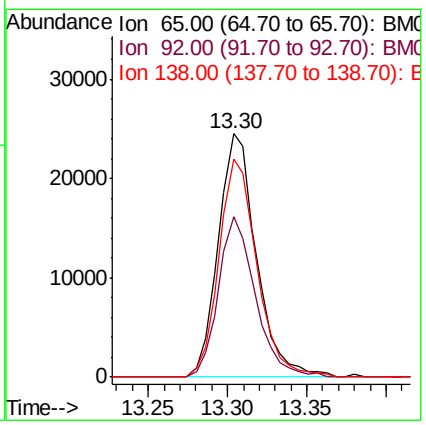


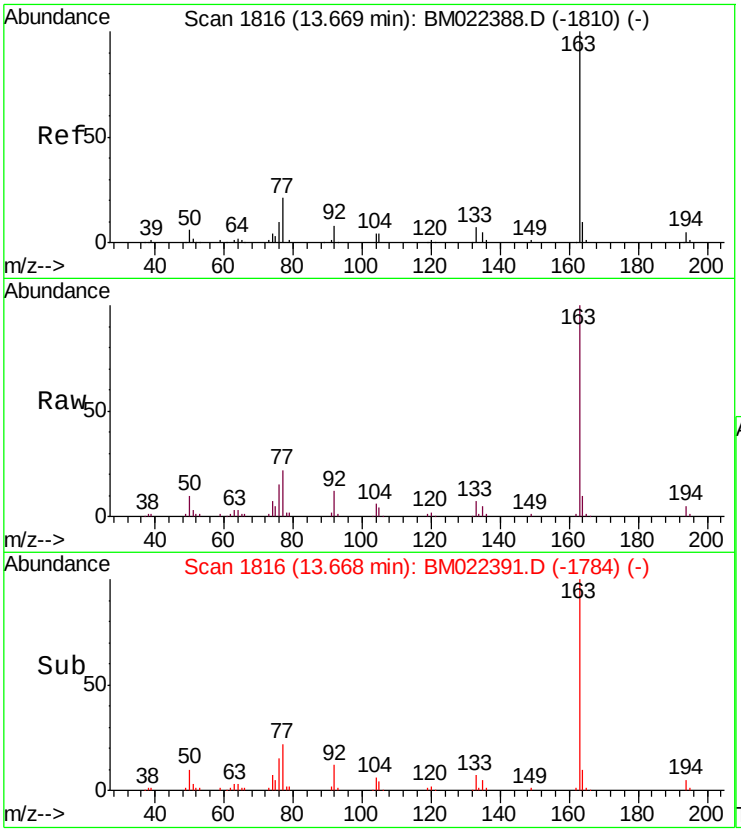


#42
2-Nitroaniline
Concen: 20.471 ng/ul
RT: 13.30 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Tgt Ion: 65 Resp: 40831

Ion	Ratio	Lower	Upper
65	100		
92	65.8	51.2	76.8
138	89.5	73.6	110.4



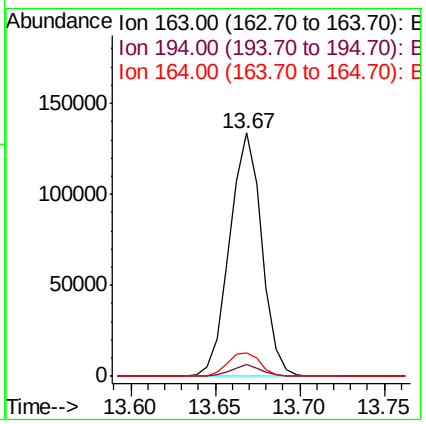


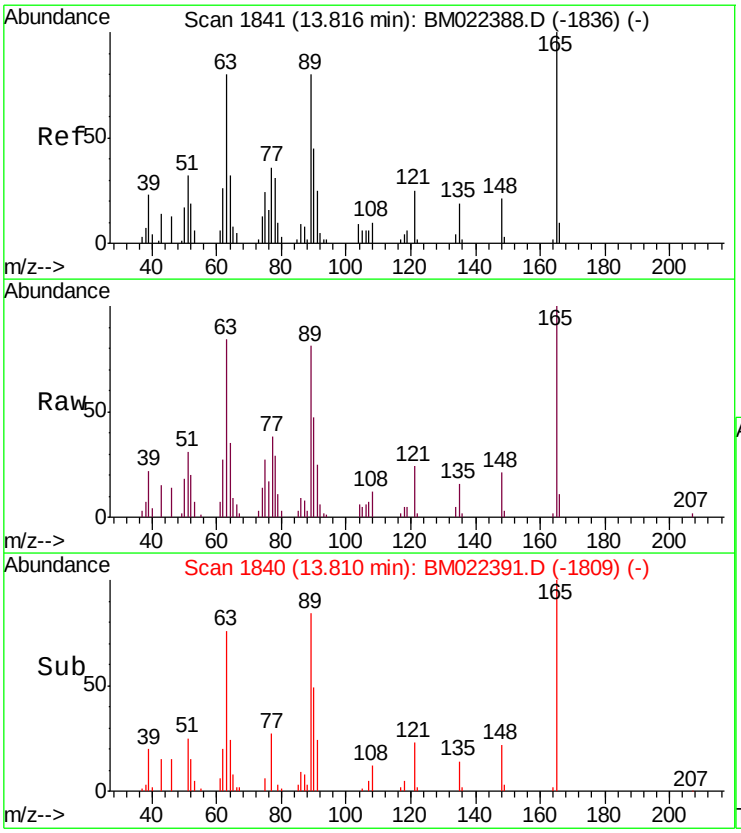
#44
Dimethylphthalate
Concen: 19.237 ng/ul
RT: 13.67 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:163 Resp: 177382

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.0	4.6#
164	9.8	7.8	11.8

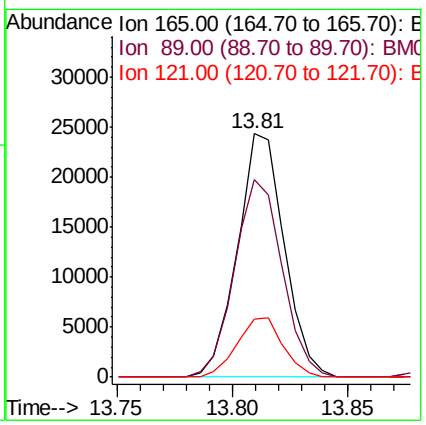


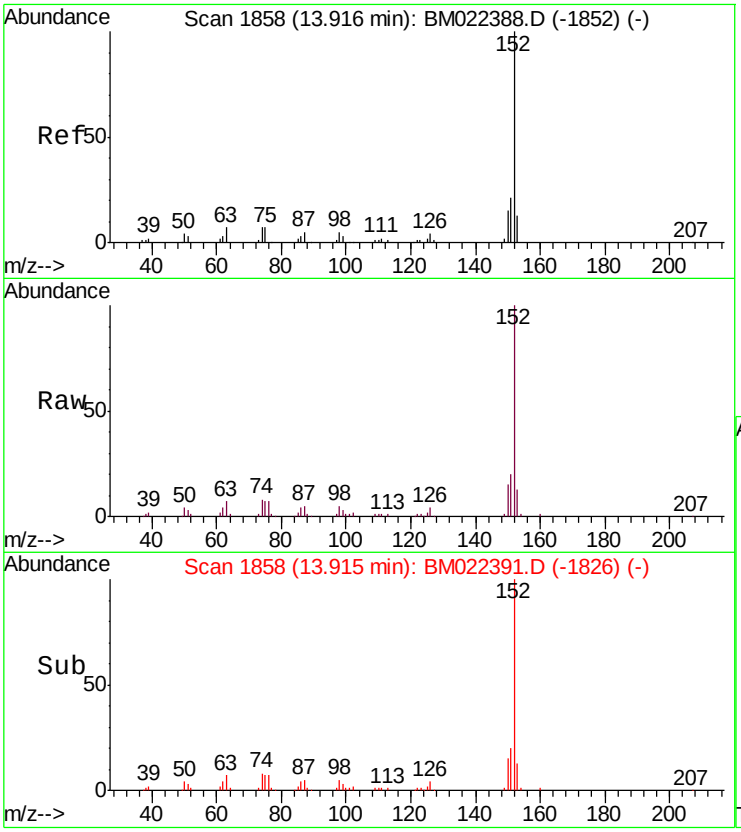


#45
2,6-Dinitrotoluene
Concen: 19.412 ng/ul
RT: 13.81 min Scan# 1840
Delta R.T. -0.02 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Tgt Ion:165 Resp: 34371

Ion	Ratio	Lower	Upper
165	100		
89	81.1	63.8	95.6
121	23.7	17.8	26.8



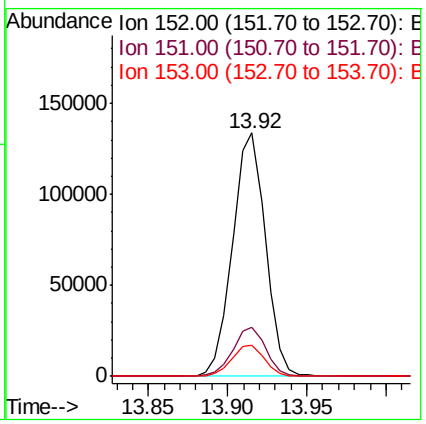


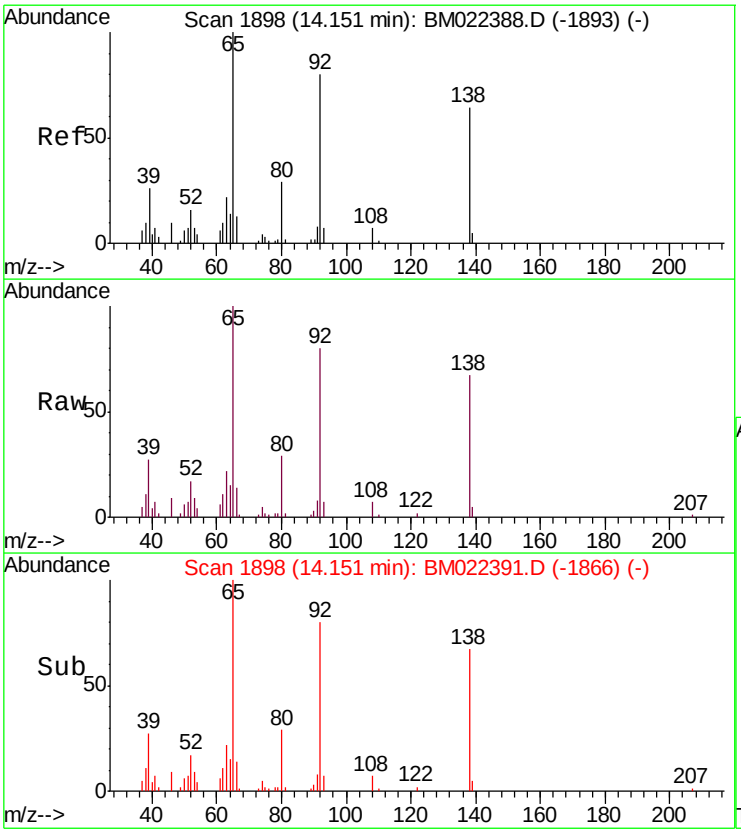
#47
Acenaphthylene
Concen: 19.047 ng/ul
RT: 13.92 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:152 Resp: 192782

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0
153	13.0	10.4	15.6

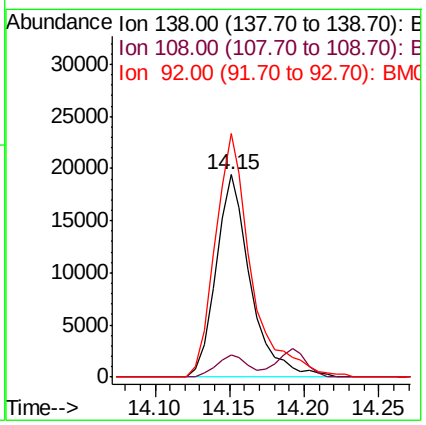


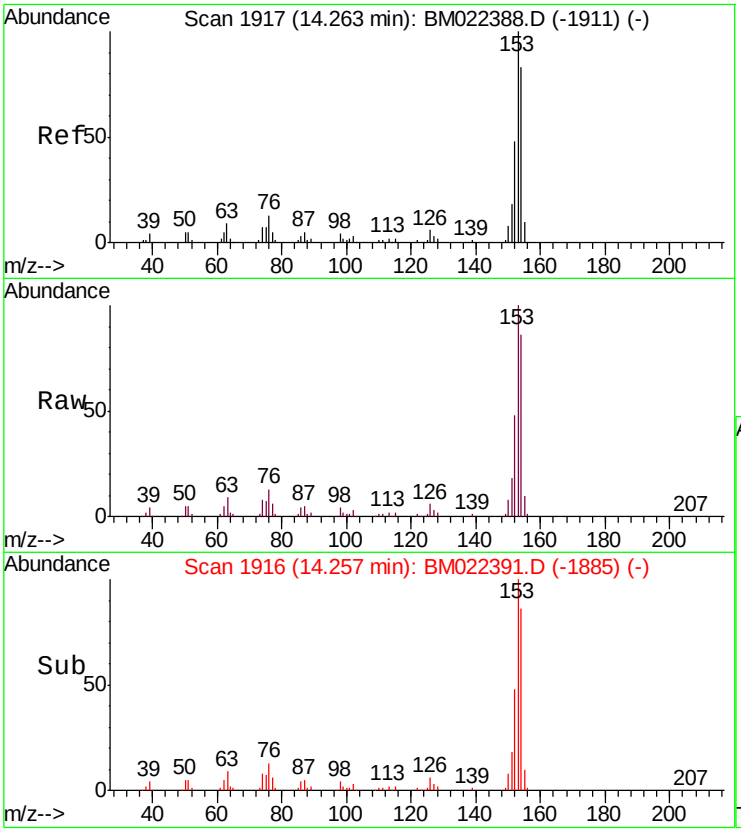


#48
3-Nitroaniline
Concen: 20.853 ng/ul
RT: 14.15 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Tgt Ion:138 Resp: 31433

Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.4	12.6
92	120.4	90.1	135.1



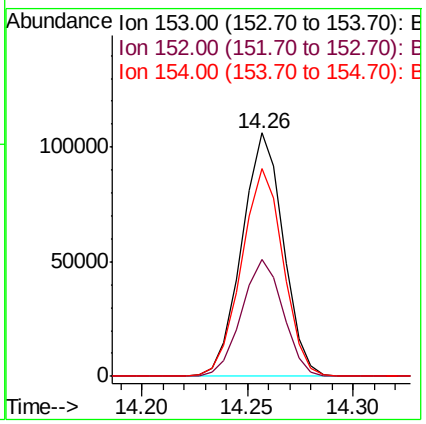


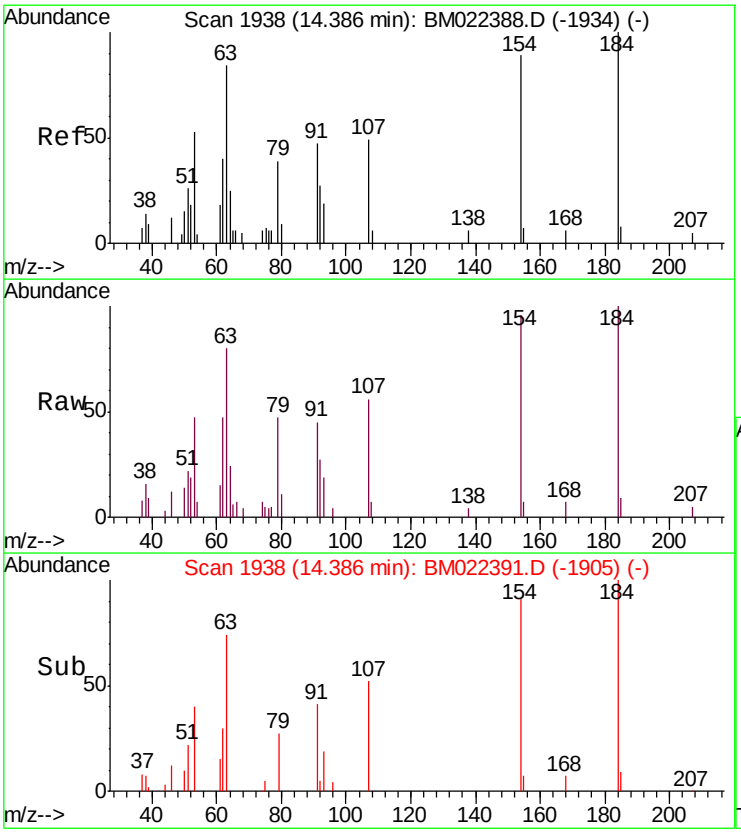
#49
Acenaphthene
Concen: 20.151 ng/ul
RT: 14.26 min Scan# 1916
Delta R.T. -0.02 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:153 Resp: 144802

Ion	Ratio	Lower	Upper
153	100		
152	48.0	38.6	58.0
154	85.5	68.9	103.3

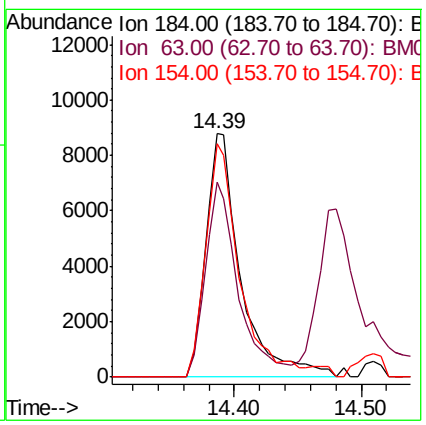


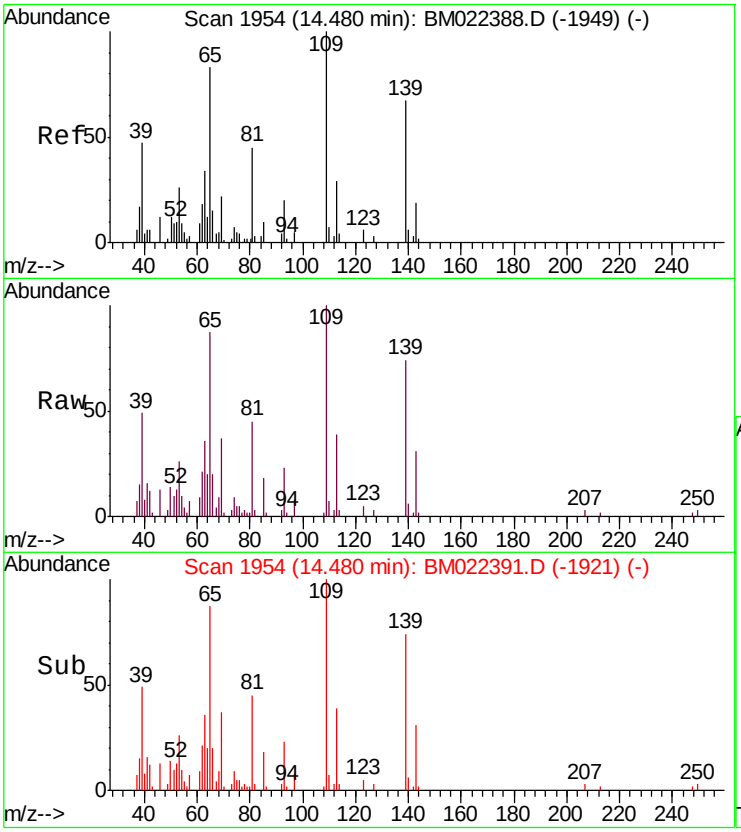


#50
2,4-Dinitrophenol
Concen: 15.894 ng/ul
RT: 14.39 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Tgt Ion:184 Resp: 16829

Ion	Ratio	Lower	Upper
184	100		
63	80.3	63.4	95.0
154	96.1	72.6	108.8



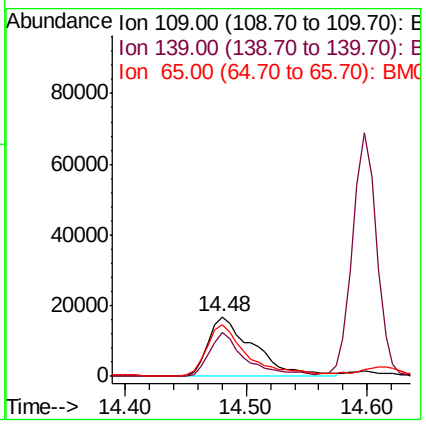


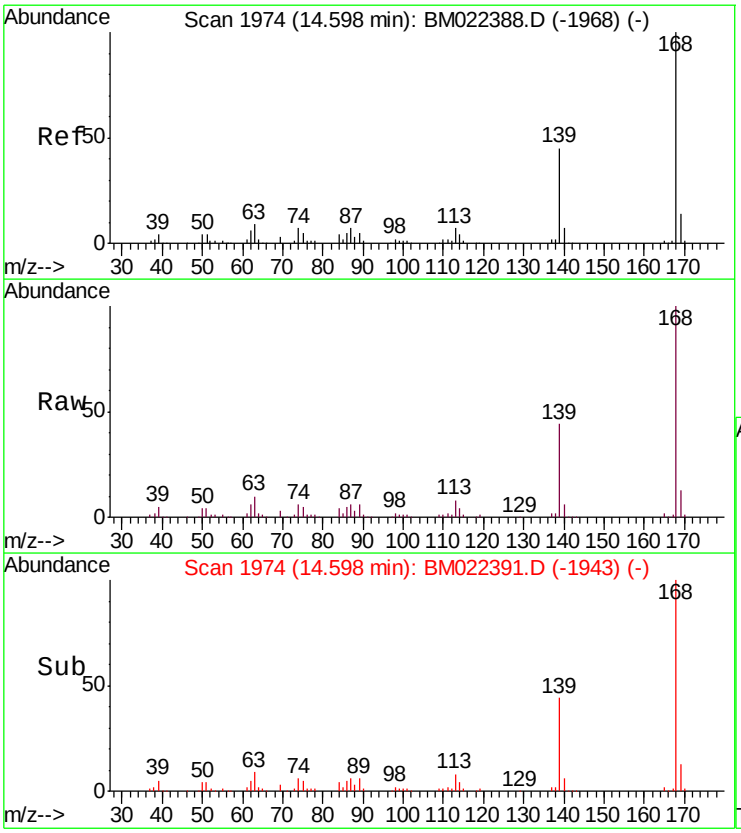
#52
4-Nitrophenol
Concen: 19.807 ng/ul
RT: 14.48 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:109 Resp: 44187

Ion	Ratio	Lower	Upper
109	100		
139	74.0	61.0	91.4
65	86.6	73.4	110.2

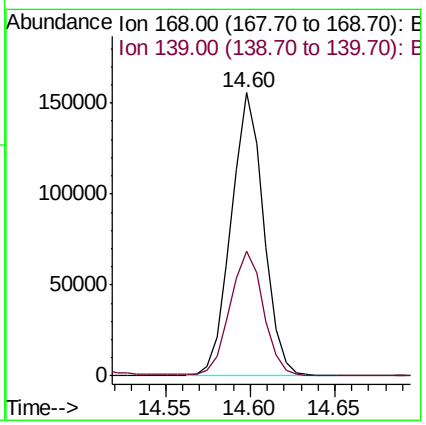


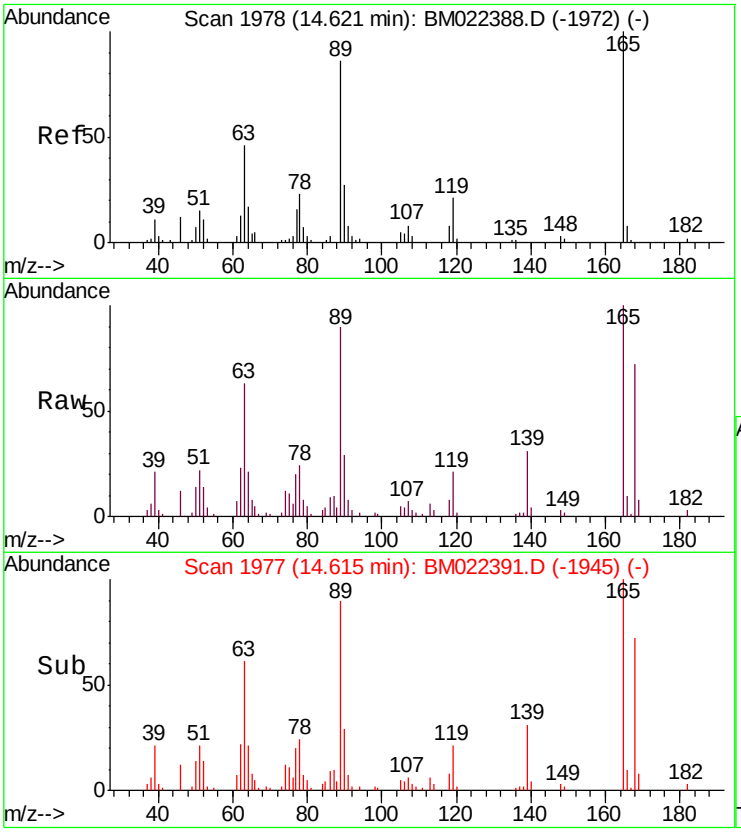


#53
Dibenzofuran
Concen: 19.559 ng/ul
RT: 14.60 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Tgt Ion:168 Resp: 209337

Ion	Ratio	Lower	Upper
168	100		
139	44.3	36.2	54.4



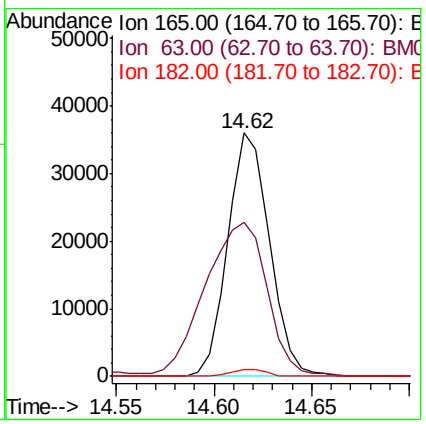


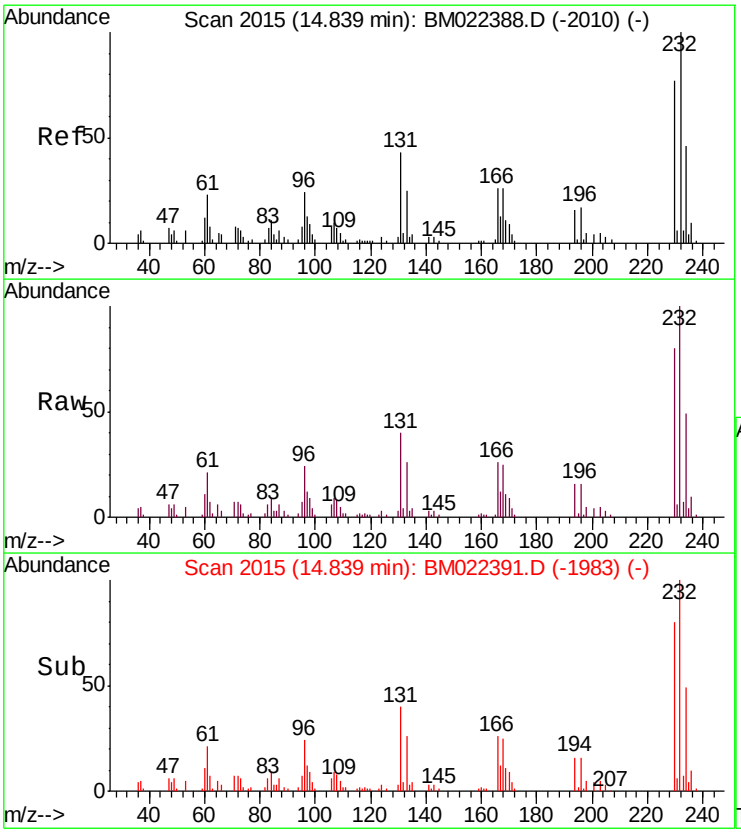
#54
2,4-Dinitrotoluene
Concen: 19.564 ng/ul
RT: 14.62 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:165 Resp: 53546

Ion	Ratio	Lower	Upper
165	100		
63	63.0	52.4	78.6
182	2.7	2.2	3.4

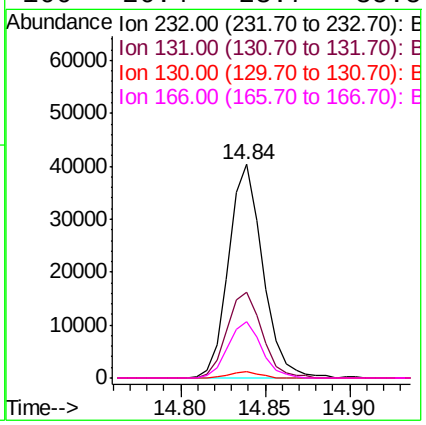


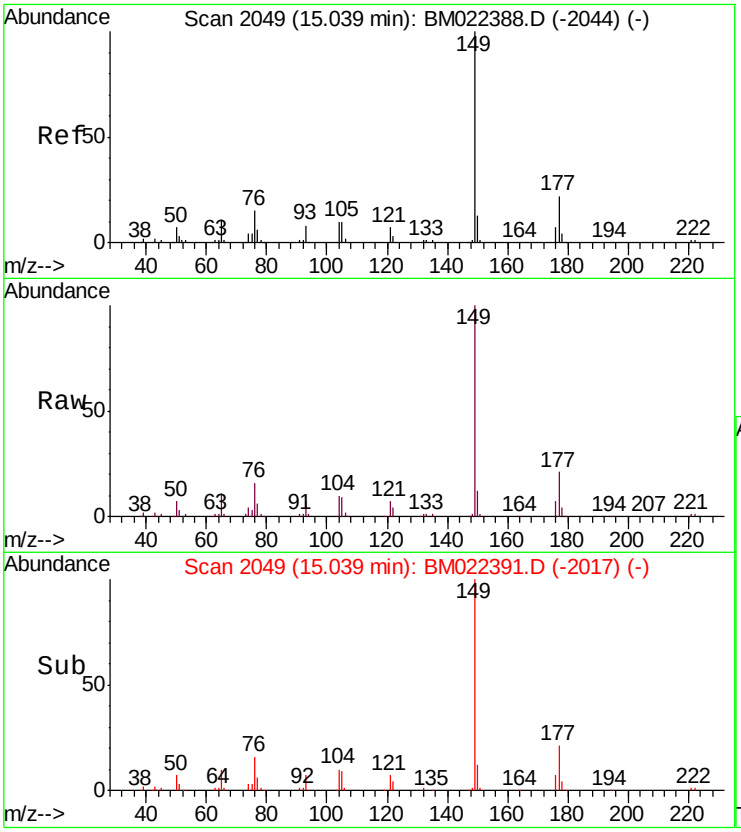


#55
2,3,4,6-Tetrachlorophenol
Concen: 21.550 ng/ul
RT: 14.84 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Tgt Ion:232 Resp: 57113

Ion	Ratio	Lower	Upper
232	100		
131	40.0	38.4	57.6
130	3.1	2.6	3.8
166	26.4	23.7	35.5



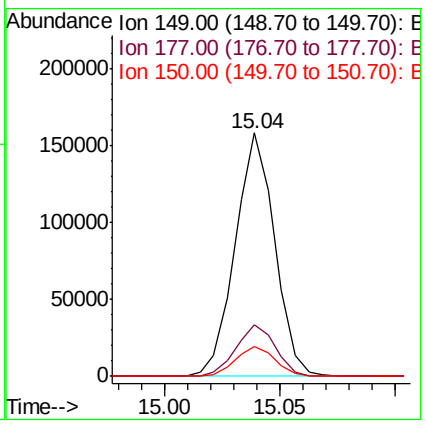


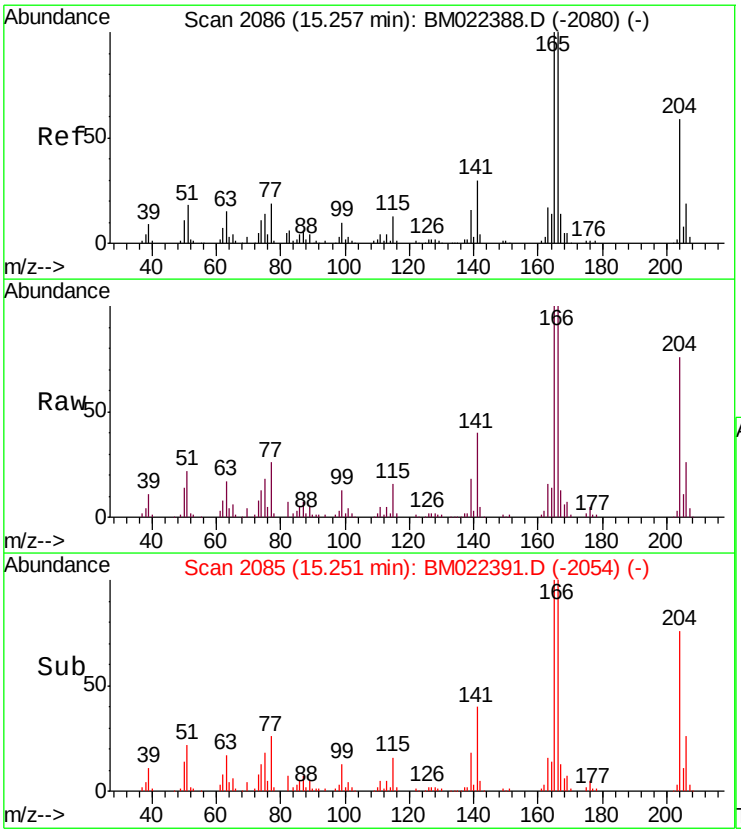
#56
Diethylphthalate
Concen: 19.156 ng/ul
RT: 15.04 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:149 Resp: 189435

Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.7	25.1
150	12.3	10.8	16.2

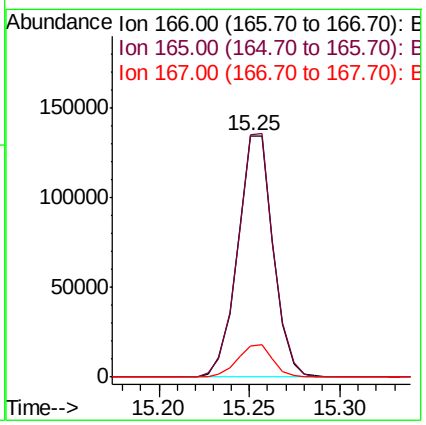


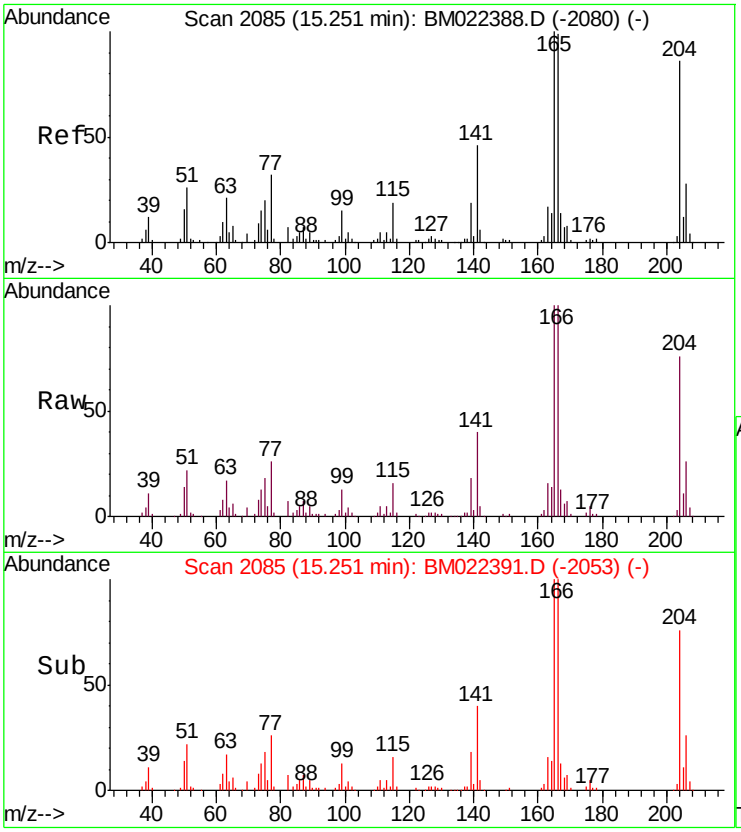


#58
Fluorene
Concen: 20.212 ng/ul
RT: 15.25 min Scan# 2085
Delta R.T. -0.02 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Tgt Ion:166 Resp: 182203

Ion	Ratio	Lower	Upper
166	100		
165	100.4	80.2	120.2
167	13.1	11.4	17.0



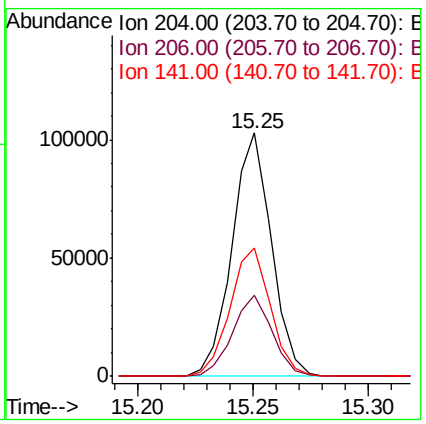


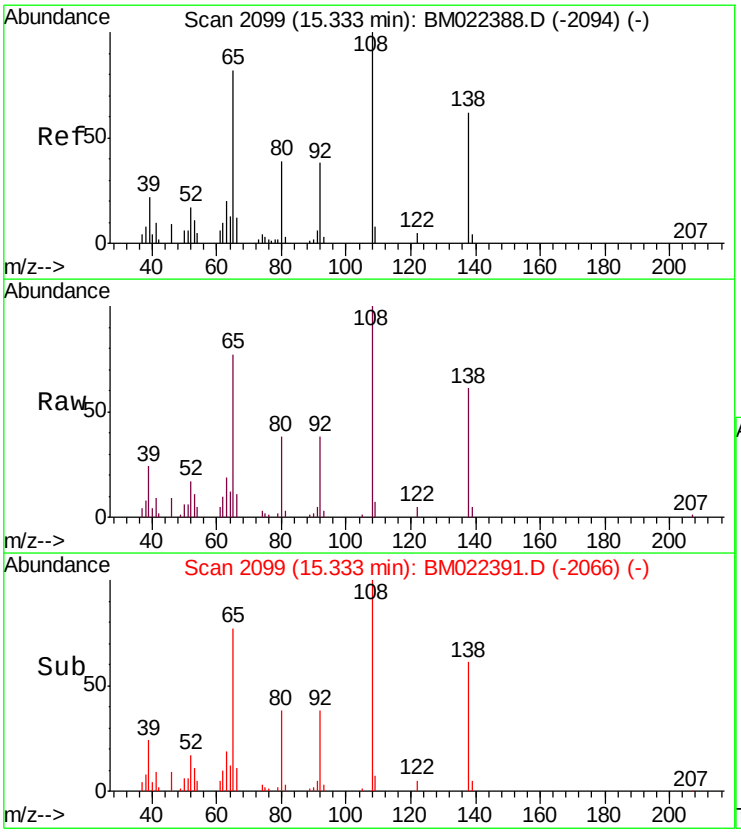
#59
4-Chlorophenyl-phenylether
Concen: 22.210 ng/ul
RT: 15.25 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:204 Resp: 122574

Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.2	39.2
141	52.7	44.7	67.1

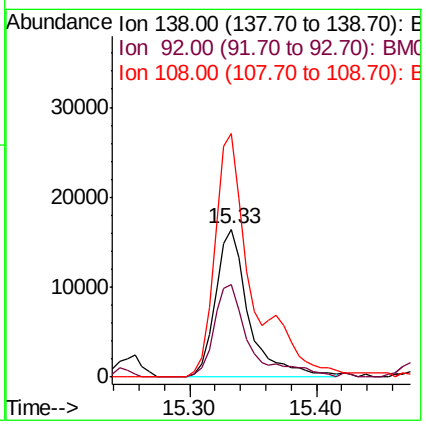


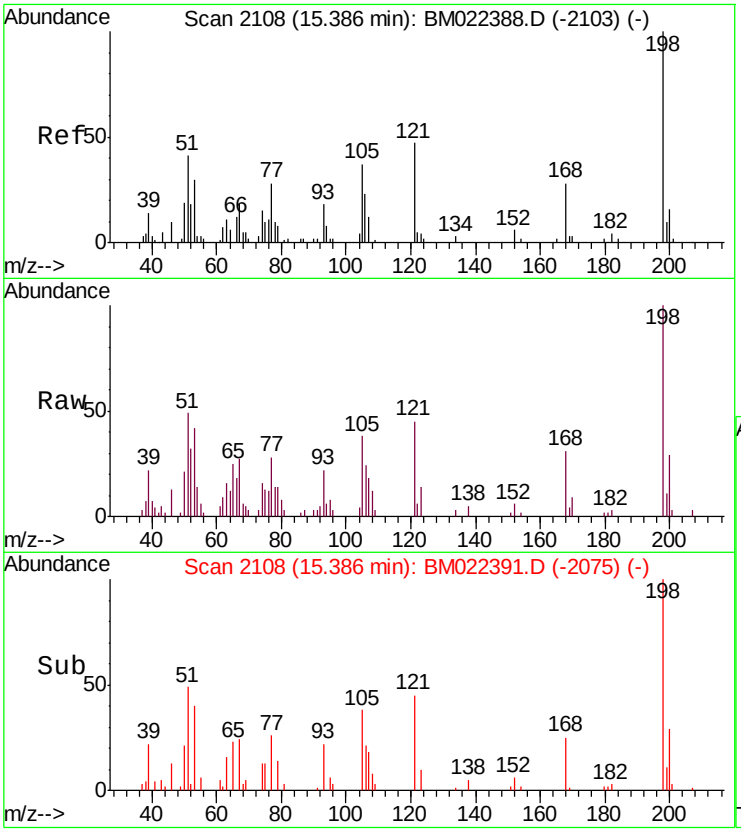


#60
4-Nitroaniline
Concen: 19.217 ng/ul
RT: 15.33 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Tgt Ion:138 Resp: 30058

Ion	Ratio	Lower	Upper
138	100		
92	62.4	47.8	71.6
108	164.4	114.9	172.3



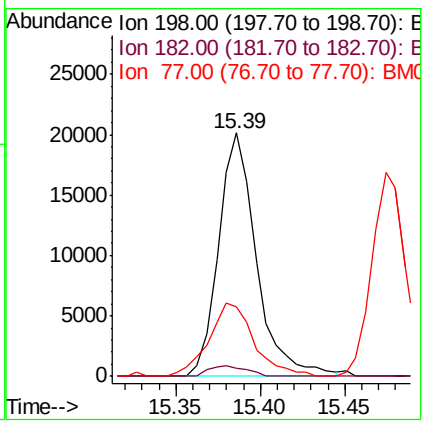


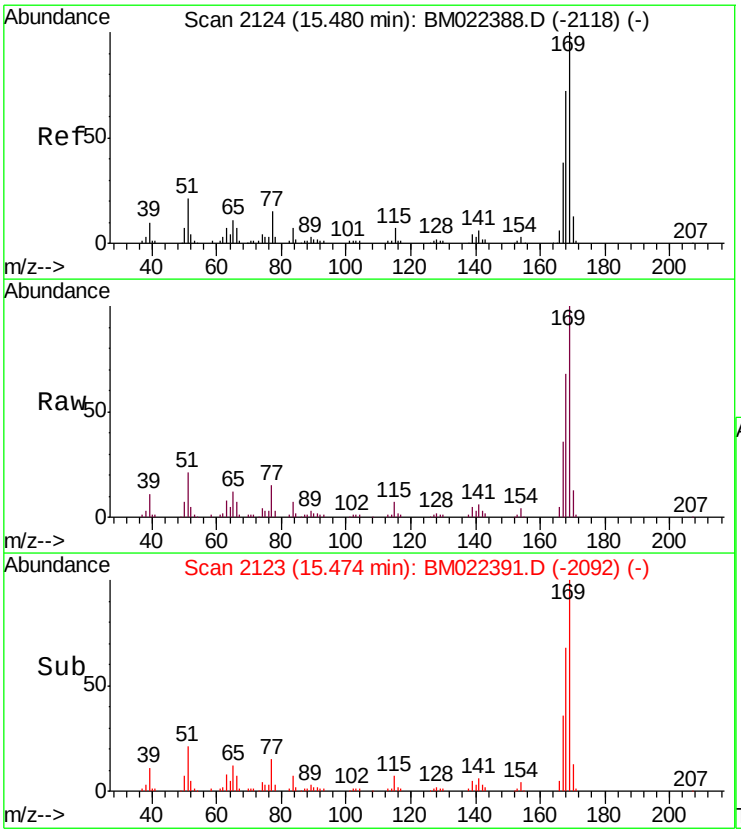
#63
4,6-Dinitro-2-methylphenol
Concen: 15.458 ng/ul
RT: 15.39 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:198 Resp: 31222

Ion	Ratio	Lower	Upper
198	100		
182	3.1	3.8	5.8#
77	28.3	25.3	37.9

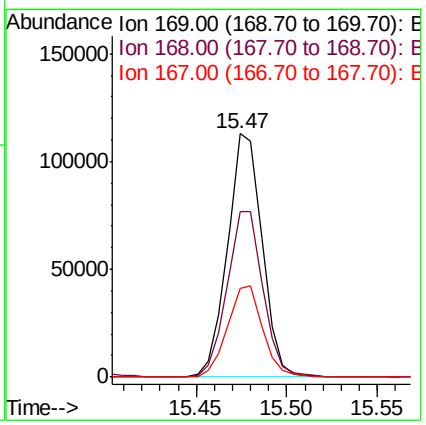


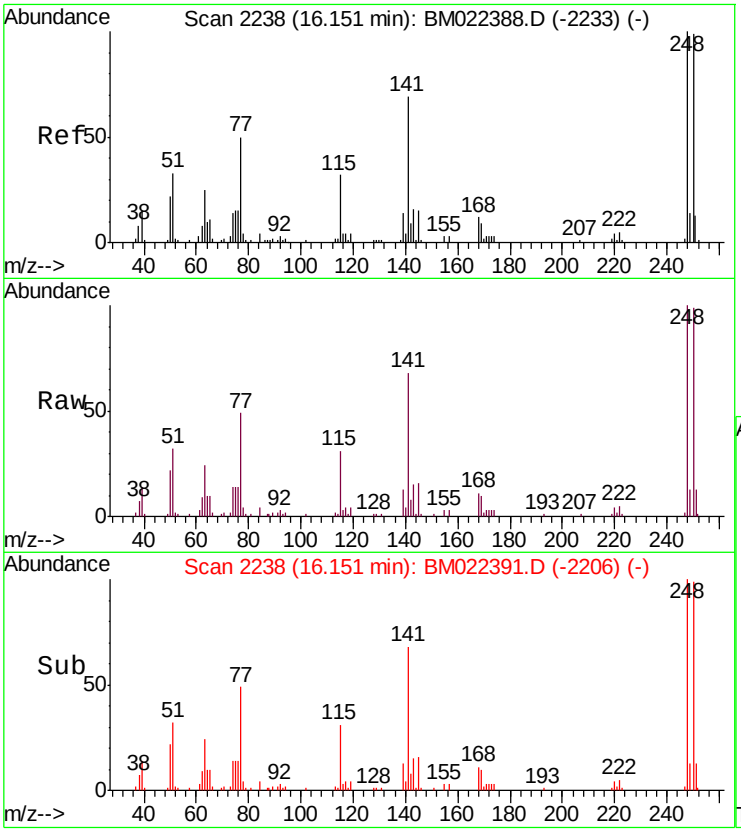


#64
N-Nitrosodiphenylamine
Concen: 19.726 ng/ul
RT: 15.47 min Scan# 2123
Delta R.T. -0.02 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Tgt Ion:169 Resp: 149961

Ion	Ratio	Lower	Upper
169	100		
168	68.2	55.7	83.5
167	36.4	30.8	46.2



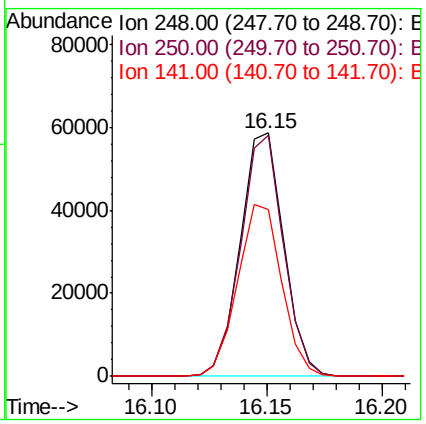


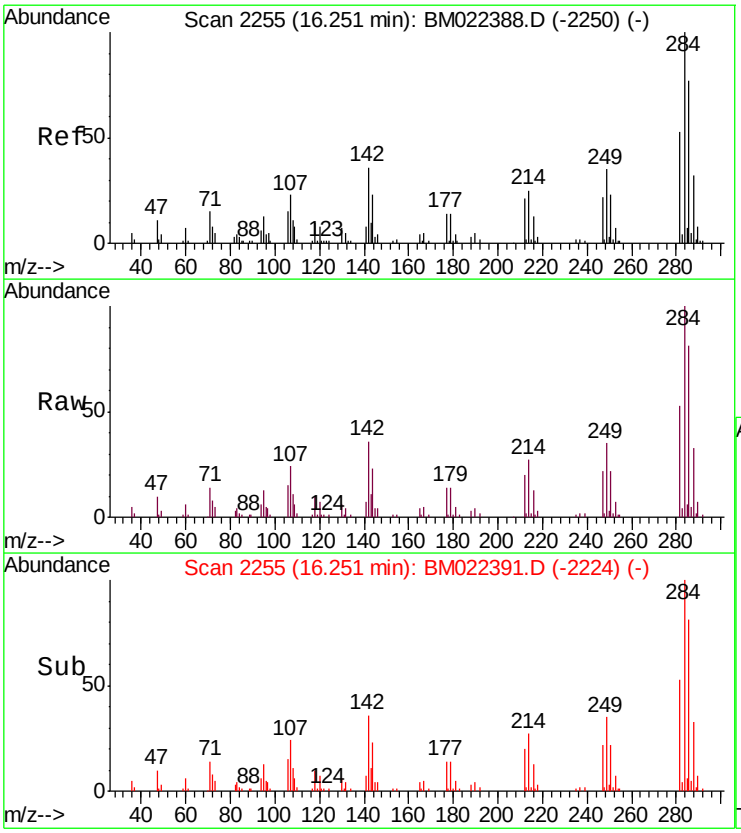
#65
4-Bromophenyl-phenylether
Concen: 22.116 ng/ul
RT: 16.15 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:248 Resp: 77234

Ion	Ratio	Lower	Upper
248	100		
250	99.1	80.1	120.1
141	68.3	64.8	97.2

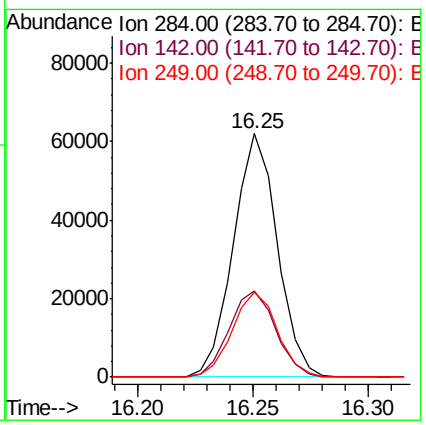


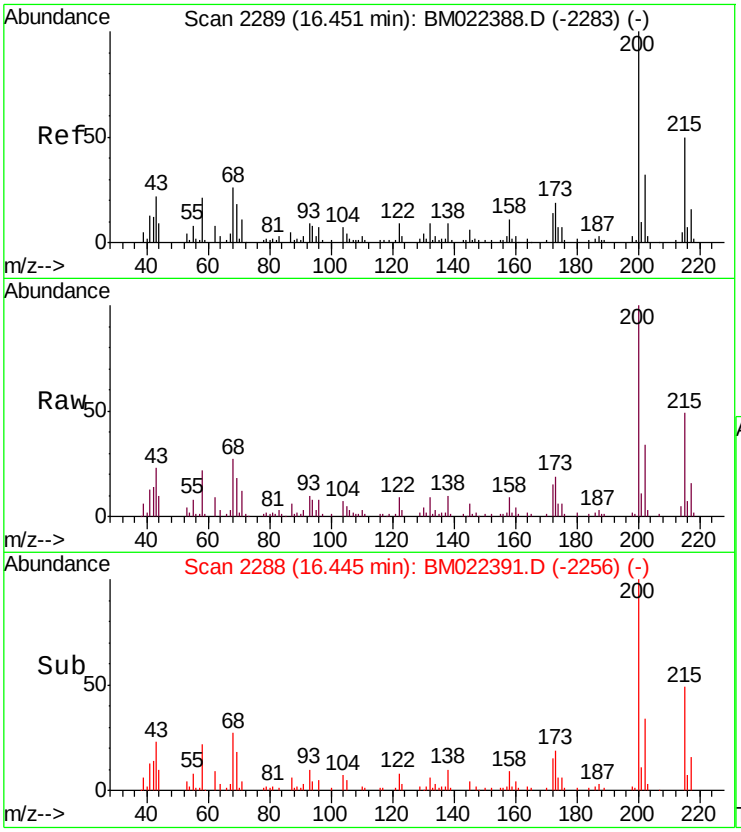


#66
Hexachlorobenzene
Concen: 21.186 ng/ul
RT: 16.25 min Scan# 2255
Delta R.T. -0.02 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Tgt Ion:284 Resp: 82436

Ion	Ratio	Lower	Upper
284	100		
142	35.6	28.5	42.7
249	35.1	26.6	40.0



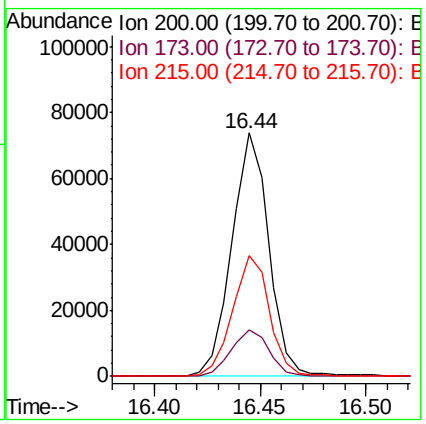


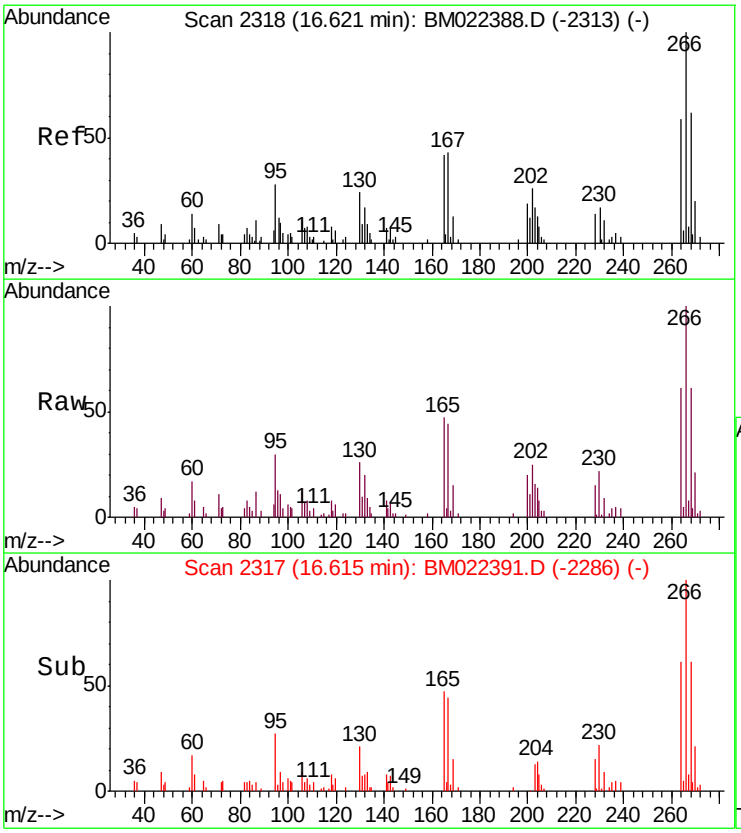
#67
Atrazine
Concen: 22.614 ng/ul
RT: 16.44 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:200 Resp: 89536

Ion	Ratio	Lower	Upper
200	100		
173	19.1	16.0	24.0
215	49.4	36.6	55.0

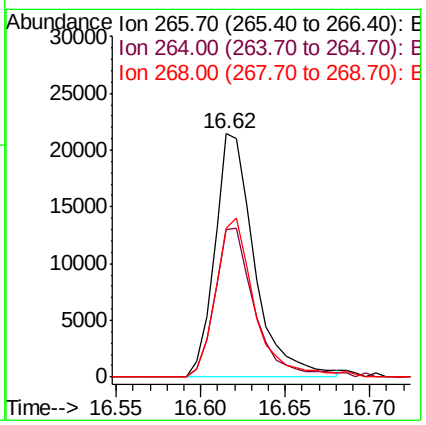


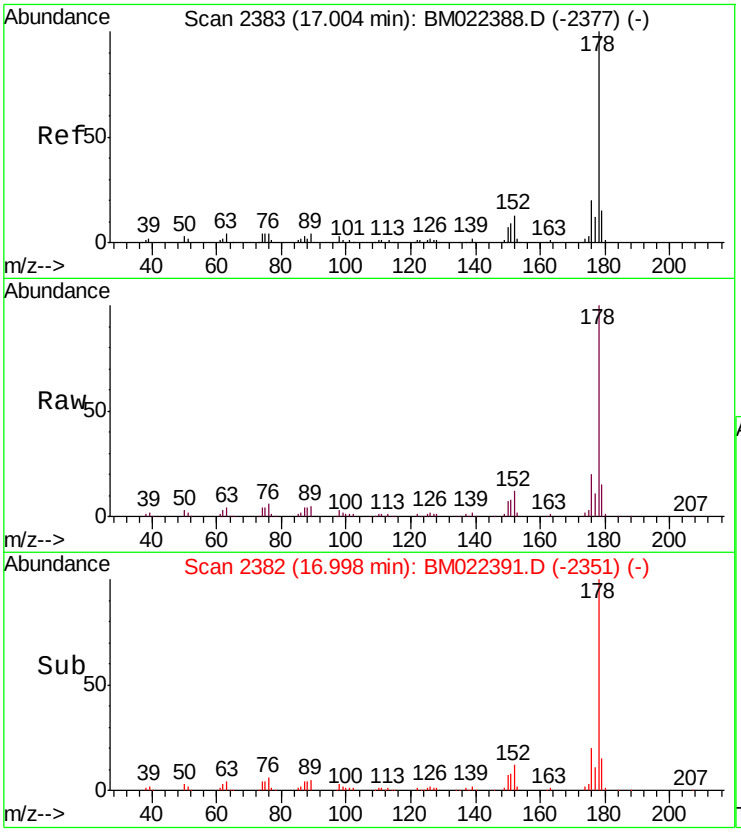


#68
Pentachlorophenol
Concen: 14.942 ng/ul
RT: 16.62 min Scan# 2317
Delta R.T. -0.02 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Tgt Ion:266 Resp: 35123

Ion	Ratio	Lower	Upper
266	100		
264	60.8	51.3	76.9
268	61.3	49.4	74.2



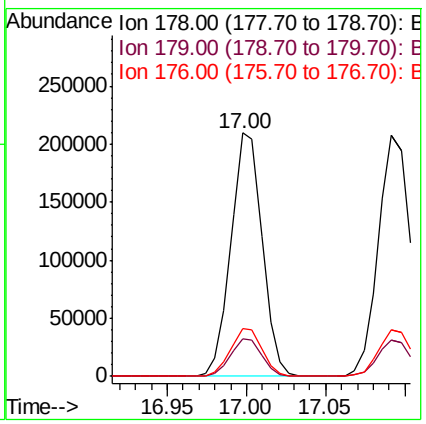


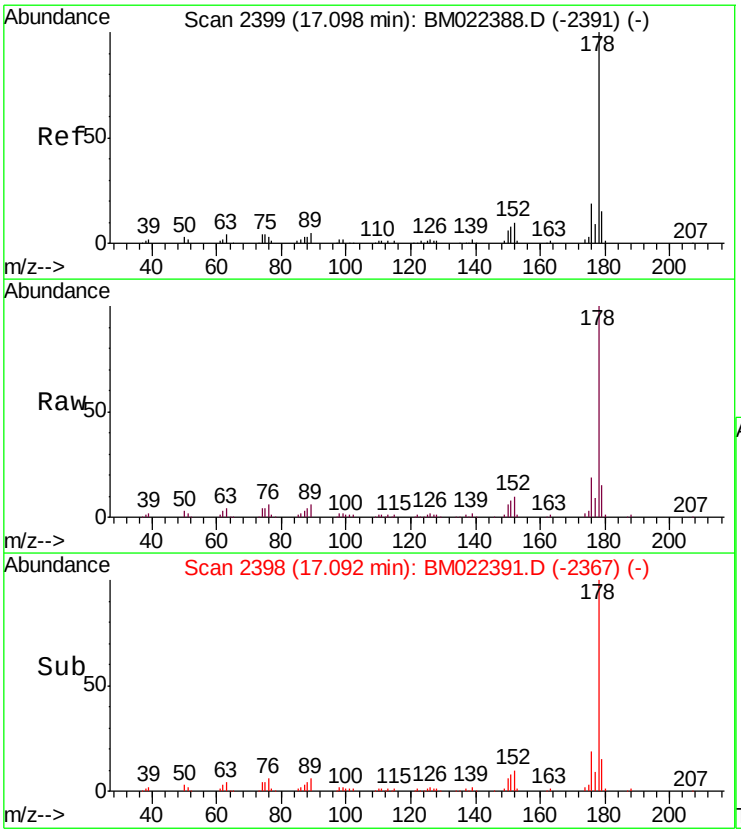
#69
Phenanthrene
Concen: 19.663 ng/ul
RT: 17.00 min Scan# 2382
Delta R.T. -0.02 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:178 Resp: 286973

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	19.6	15.4	23.0

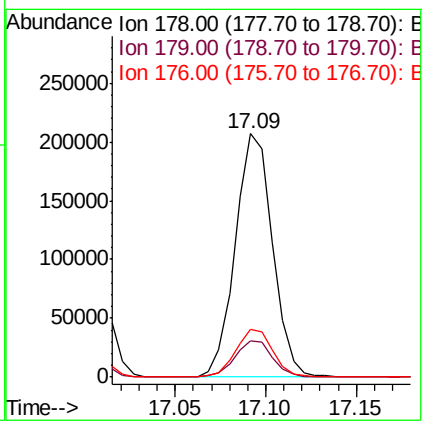


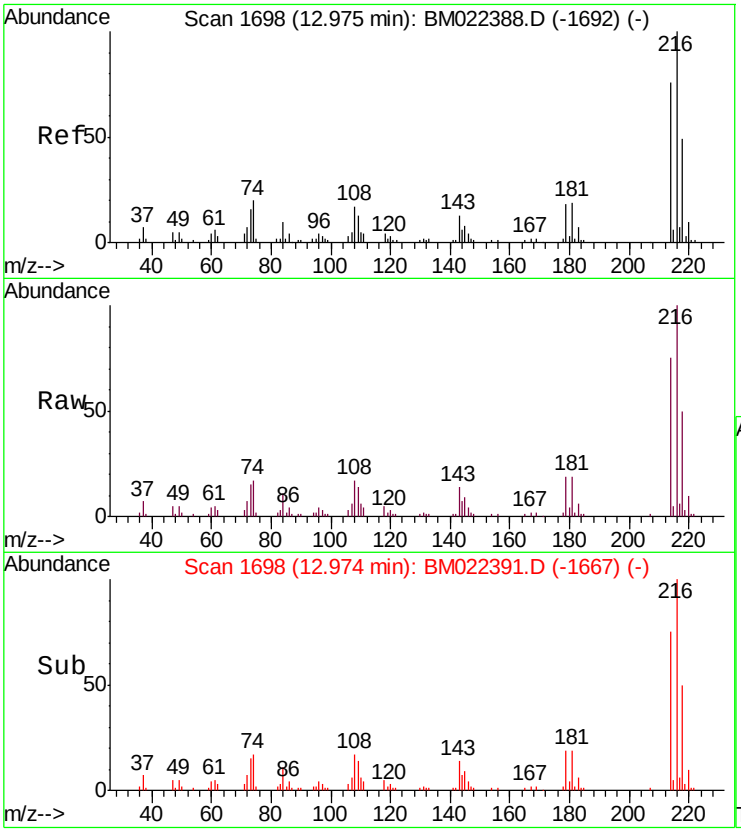


#71
Anthracene
Concen: 19.370 ng/ul
RT: 17.09 min Scan# 2398
Delta R.T. -0.02 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Tgt Ion:178 Resp: 294186

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.3	18.5
176	19.4	15.5	23.3



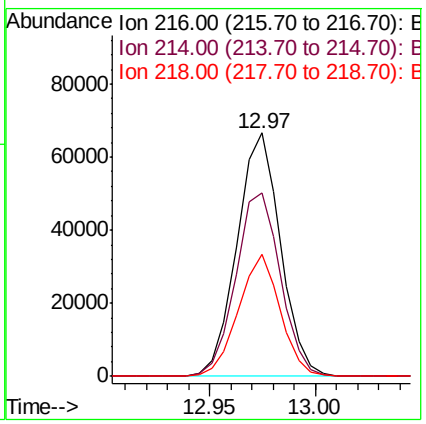


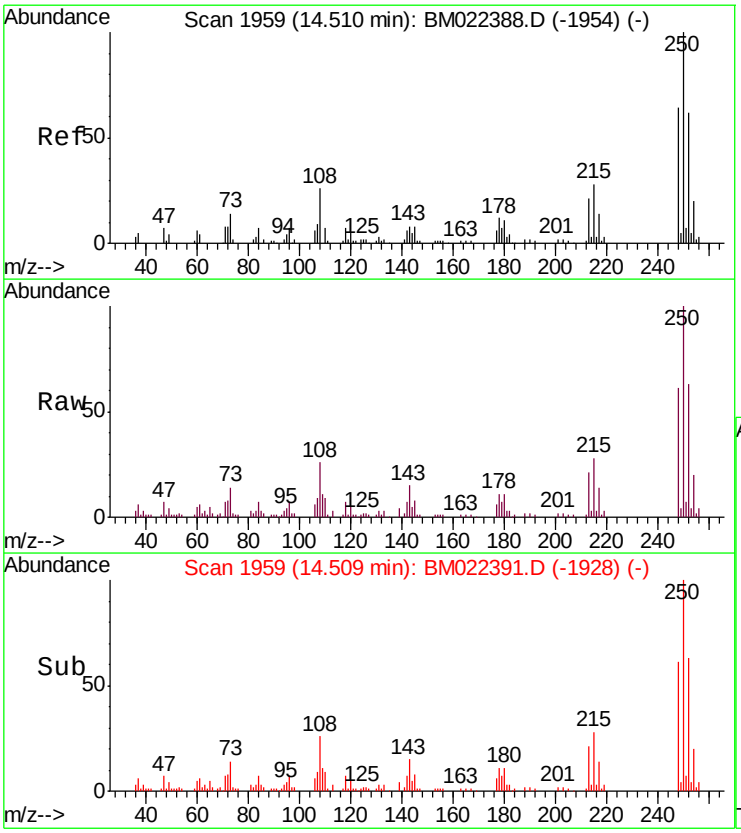
#72
1,2,3,4-Tetrachlorobenzene
Concen: 21.904 ng/uL
RT: 12.97 min Scan# 1698
Delta R.T. -0.02 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:216 Resp: 95050

Ion	Ratio	Lower	Upper
216	100		
214	75.4	61.5	92.3
218	49.9	37.1	55.7

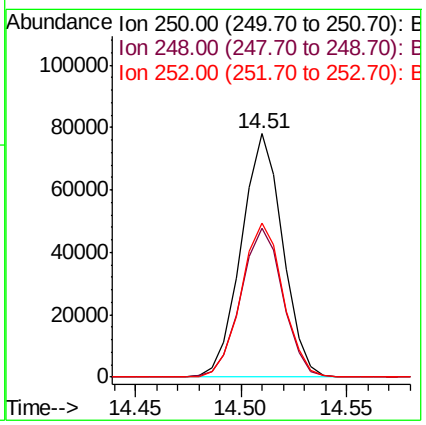


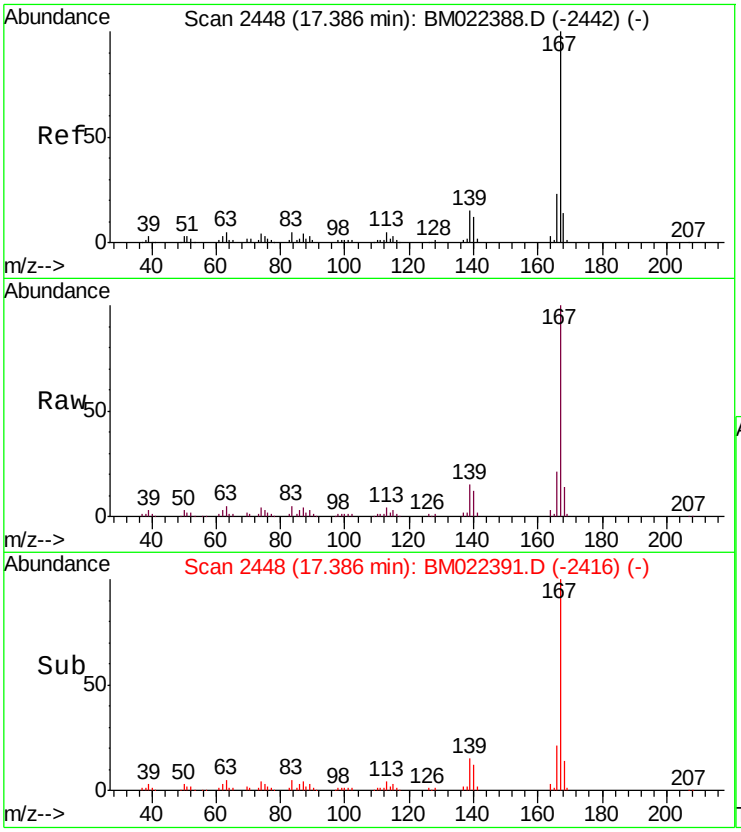


#73
Pentachlorobenzene
Concen: 22.560 ng/uL
RT: 14.51 min Scan# 1959
Delta R.T. -0.02 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Tgt Ion:250 Resp: 106198

Ion	Ratio	Lower	Upper
250	100		
248	60.9	50.3	75.5
252	63.0	51.7	77.5



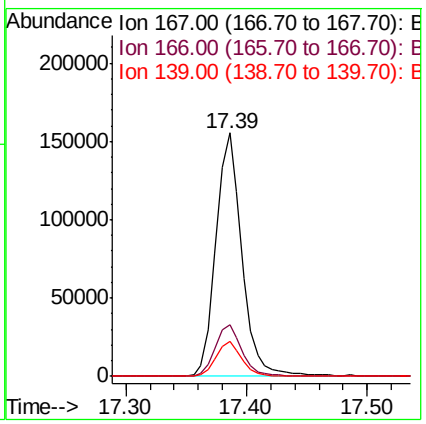


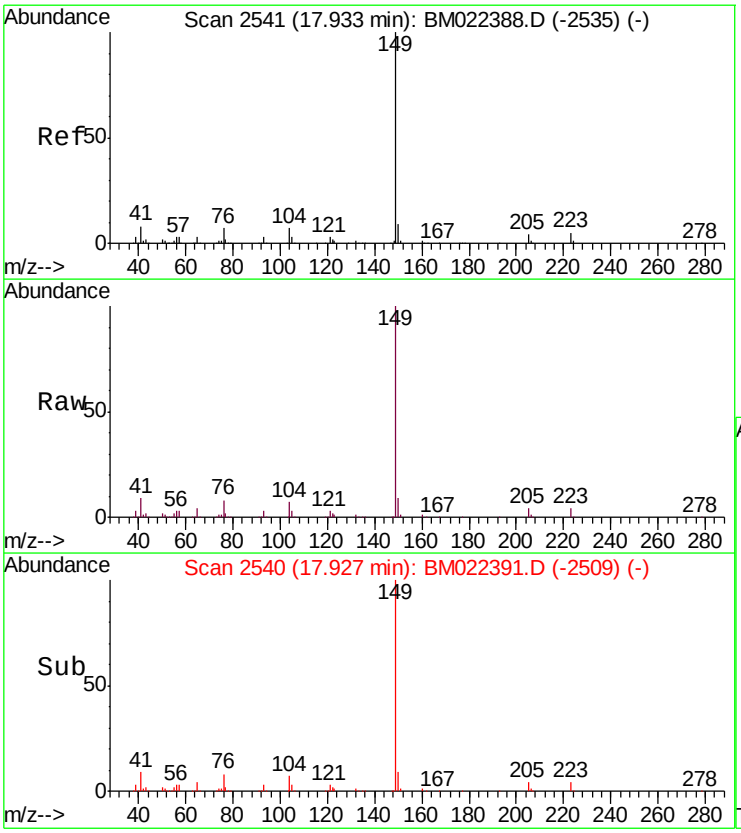
#74
Carbazole
Concen: 16.840 ng/ul
RT: 17.39 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:167 Resp: 231002

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.8	26.8
139	14.5	11.8	17.8

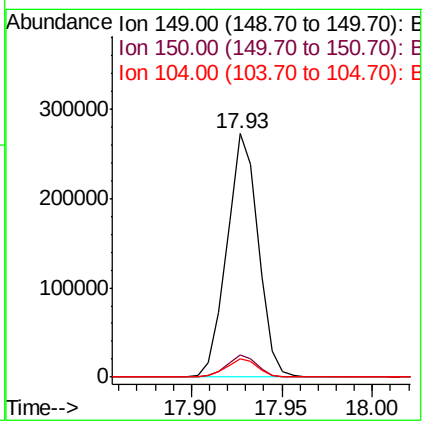


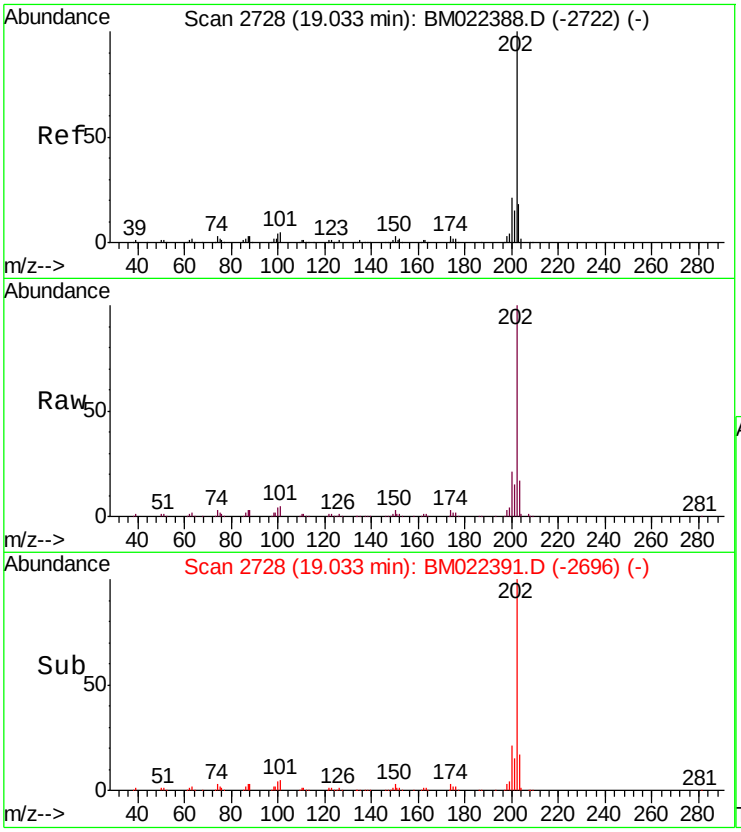


#75
Di-n-butylphthalate
Concen: 18.677 ng/ul
RT: 17.93 min Scan# 2540
Delta R.T. -0.02 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Tgt Ion:149 Resp: 327290

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.6	11.4
104	7.3	5.8	8.8



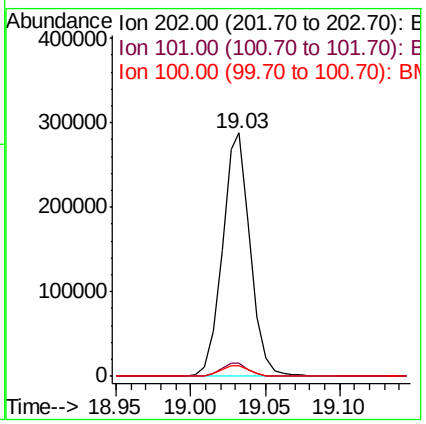


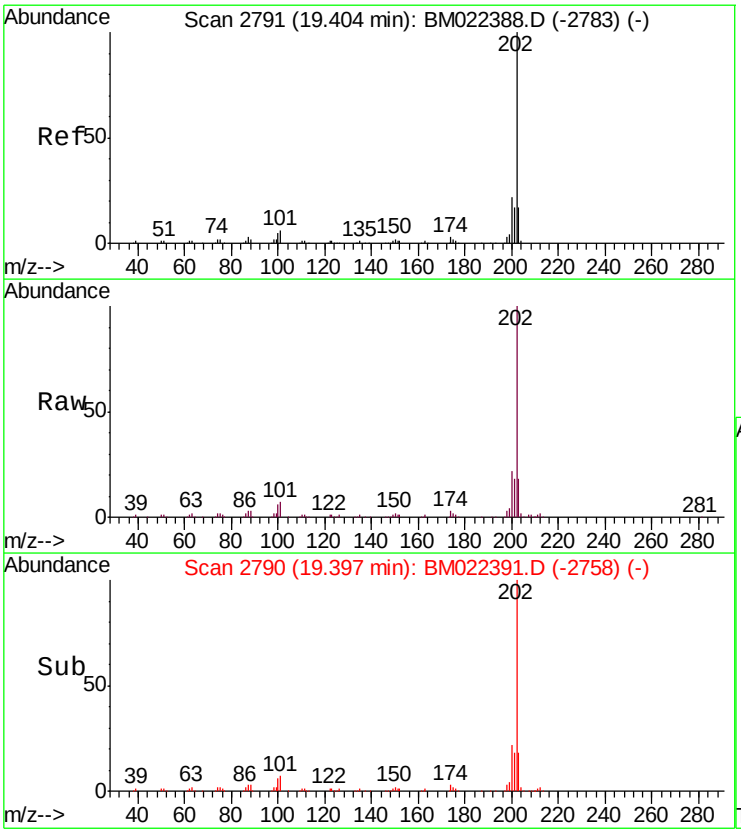
#76
Fluoranthene
Concen: 17.084 ng/ul
RT: 19.03 min Scan# 2728
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:202 Resp: 375729

Ion	Ratio	Lower	Upper
202	100		
101	5.3	5.3	7.9
100	4.3	4.6	6.8#

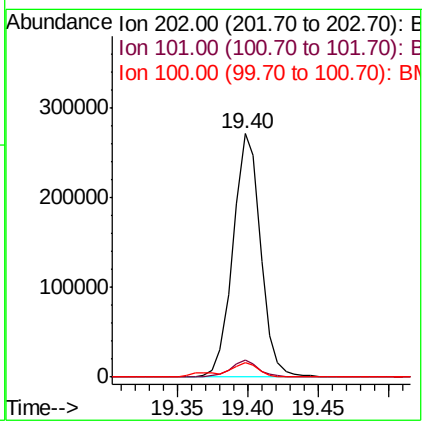


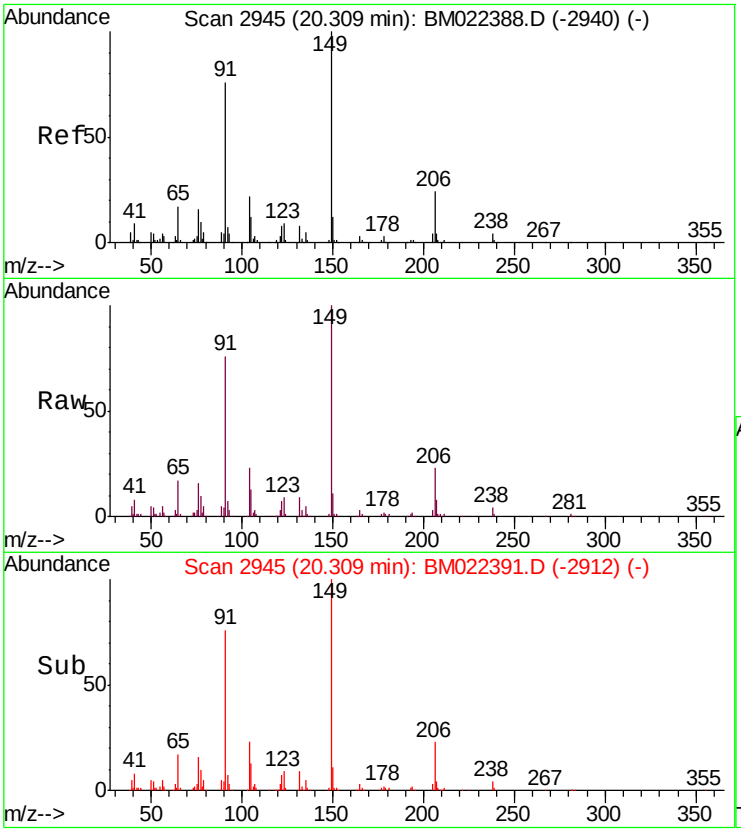


#79
Pyrene
Concen: 24.391 ng/ul
RT: 19.40 min Scan# 2790
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Tgt Ion:202 Resp: 369447

Ion	Ratio	Lower	Upper
202	100		
101	6.7	7.0	10.4#
100	5.9	5.8	8.8



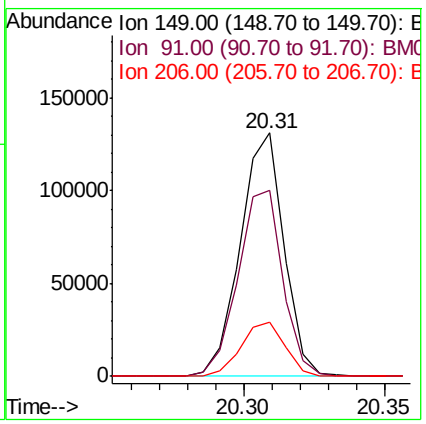


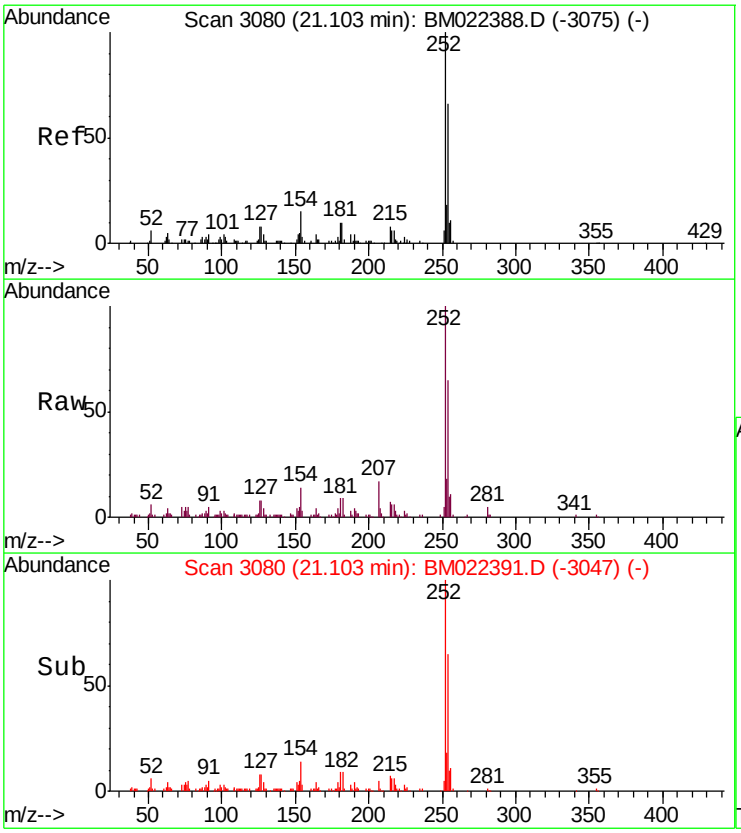
#80
Butylbenzylphthalate
Concen: 21.981 ng/ul
RT: 20.31 min Scan# 2945
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:149 Resp: 140912

Ion	Ratio	Lower	Upper
149	100		
91	76.5	61.8	92.8
206	22.5	16.6	25.0

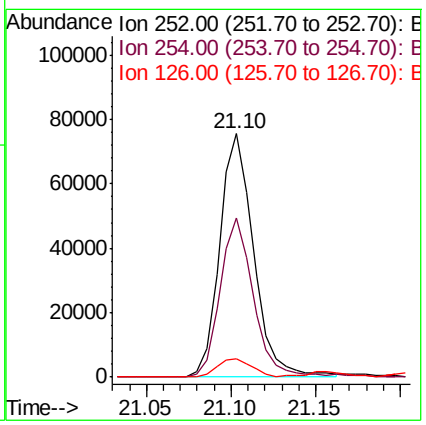


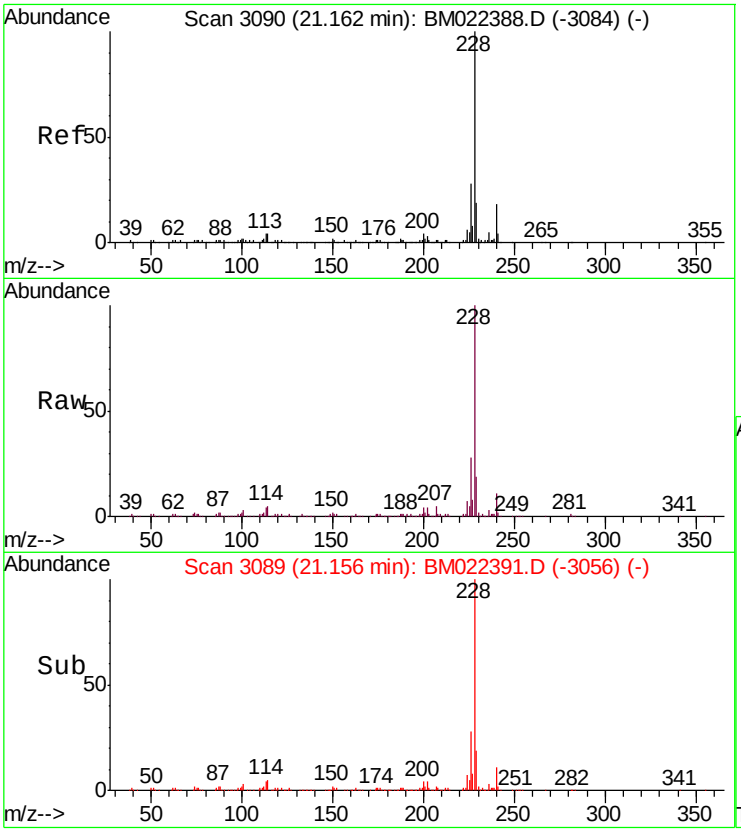


#81
3,3'-Dichlorobenzidine
Concen: 17.314 ng/ul
RT: 21.10 min Scan# 3080
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Tgt Ion:252 Resp: 105400

Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.3	76.9
126	7.8	7.3	10.9



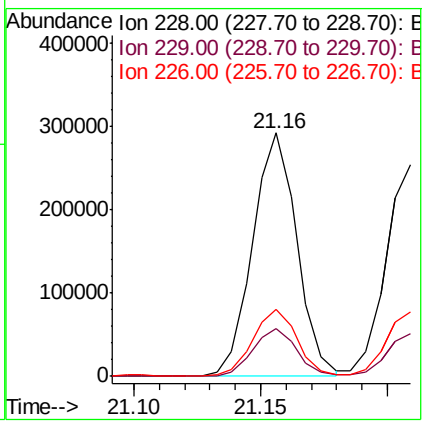


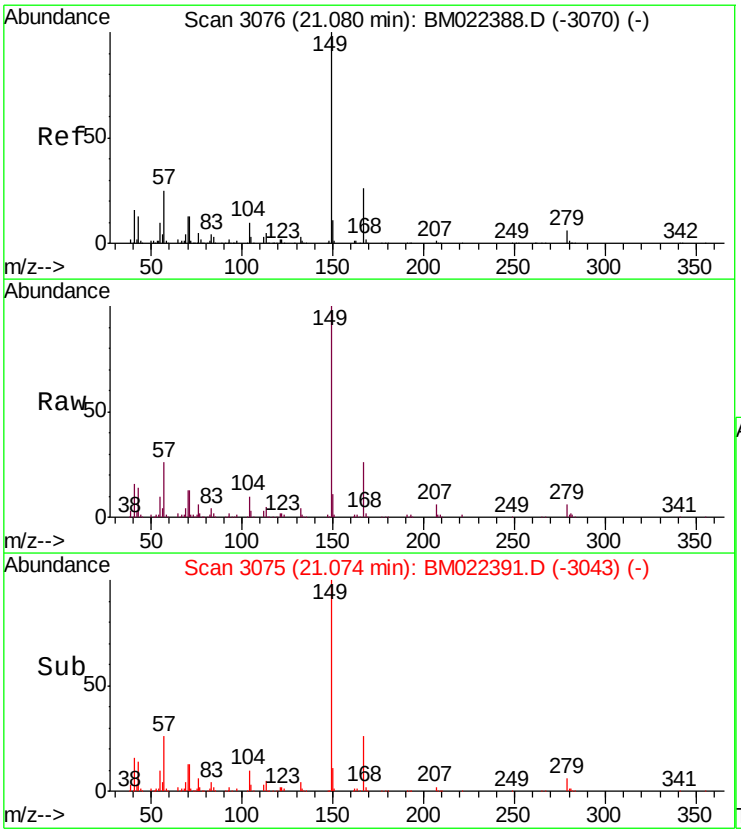
#82
Benzo(a)anthracene
Concen: 20.272 ng/ul
RT: 21.16 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:228 Resp: 357046

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.2	22.8
226	27.7	22.3	33.5

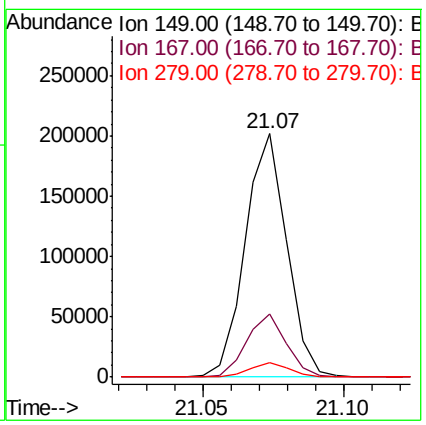


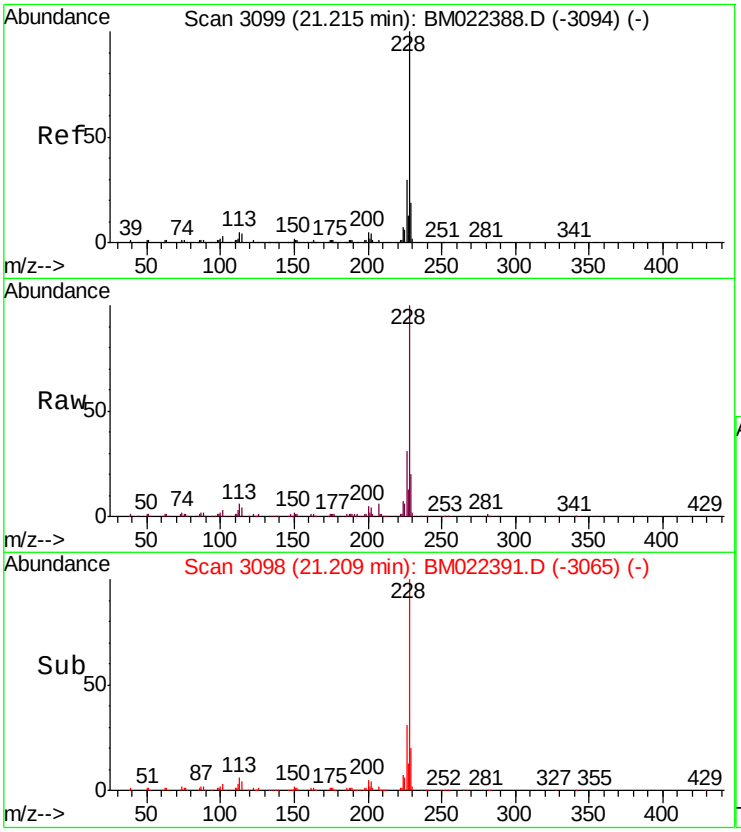


#83
Bis(2-ethylhexyl)phthalate
Concen: 21.305 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Tgt Ion:149 Resp: 205521

Ion	Ratio	Lower	Upper
149	100		
167	25.8	19.1	28.7
279	5.7	3.3	4.9#



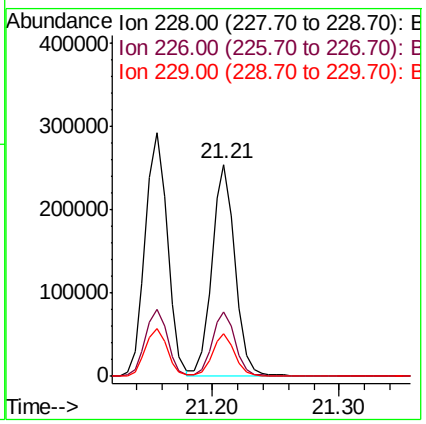


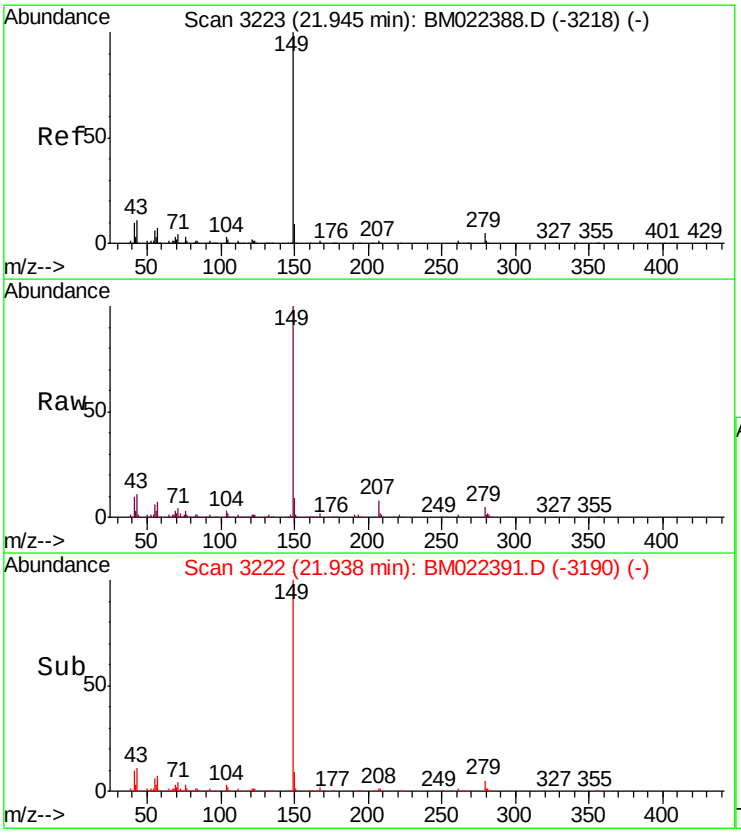
#84
Chrysene
Concen: 19.851 ng/ul
RT: 21.21 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:228 Resp: 326904

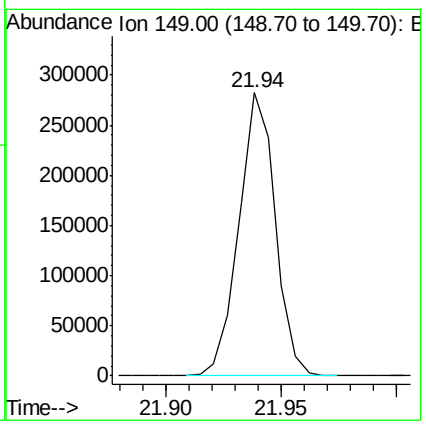
Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.7	37.1
229	20.0	15.7	23.5

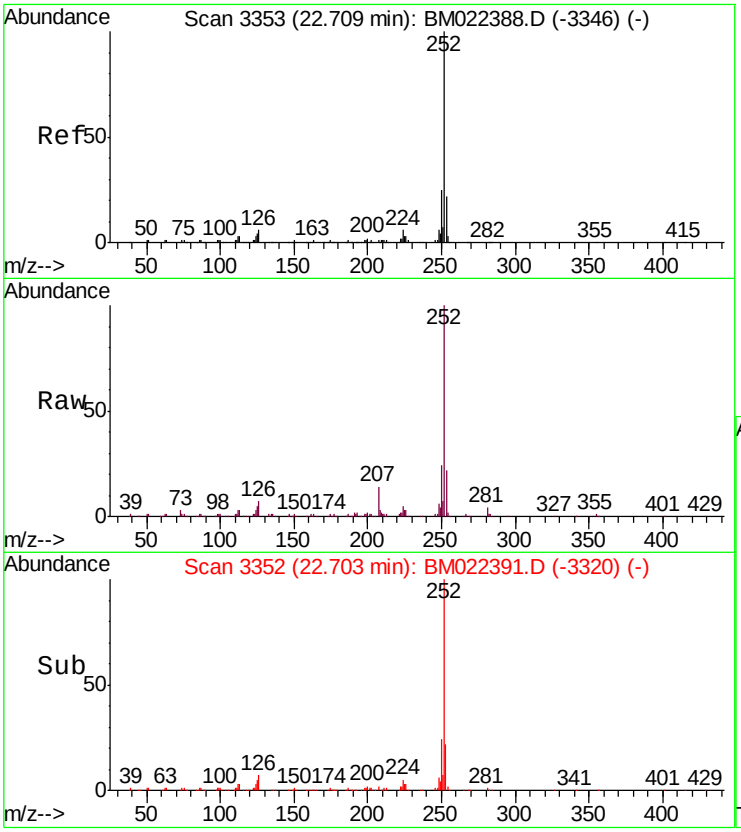




#86
Di-n-octyl phthalate
Concen: 19.053 ng/ul
RT: 21.94 min Scan# 3222
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Tgt Ion:149 Resp: 309611



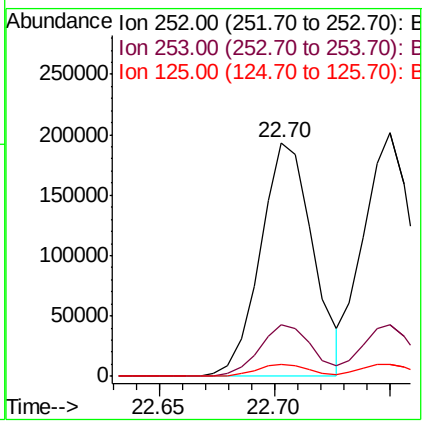


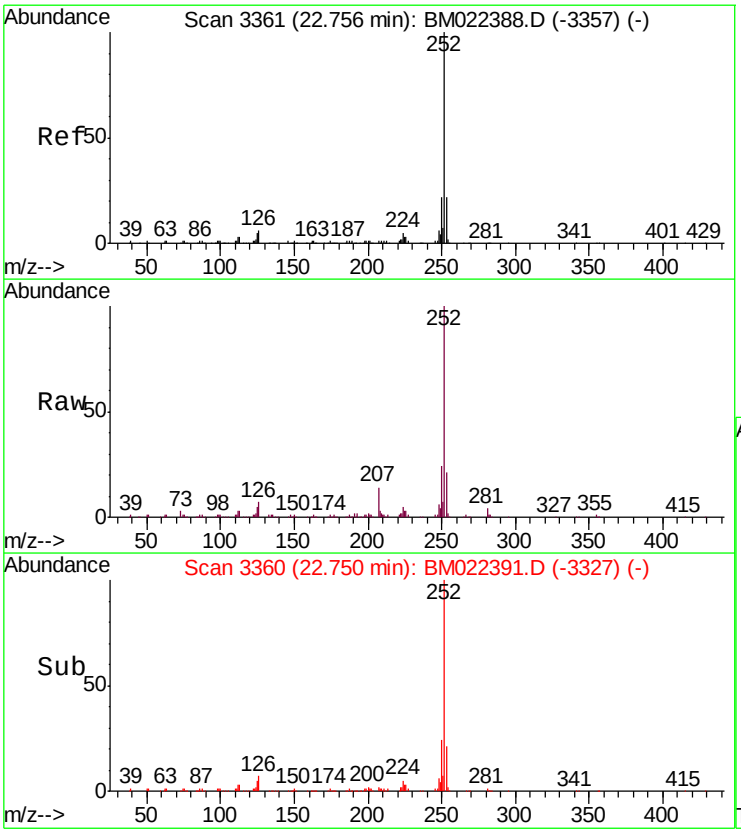
#87
Benzo(b)fluoranthene
Concen: 20.081 ng/ul
RT: 22.70 min Scan# 3352
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:252 Resp: 306279

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	5.0	5.2	7.8#

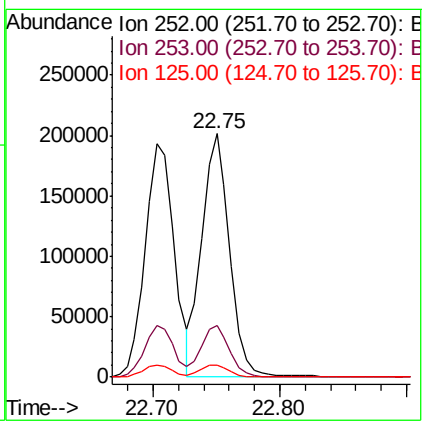


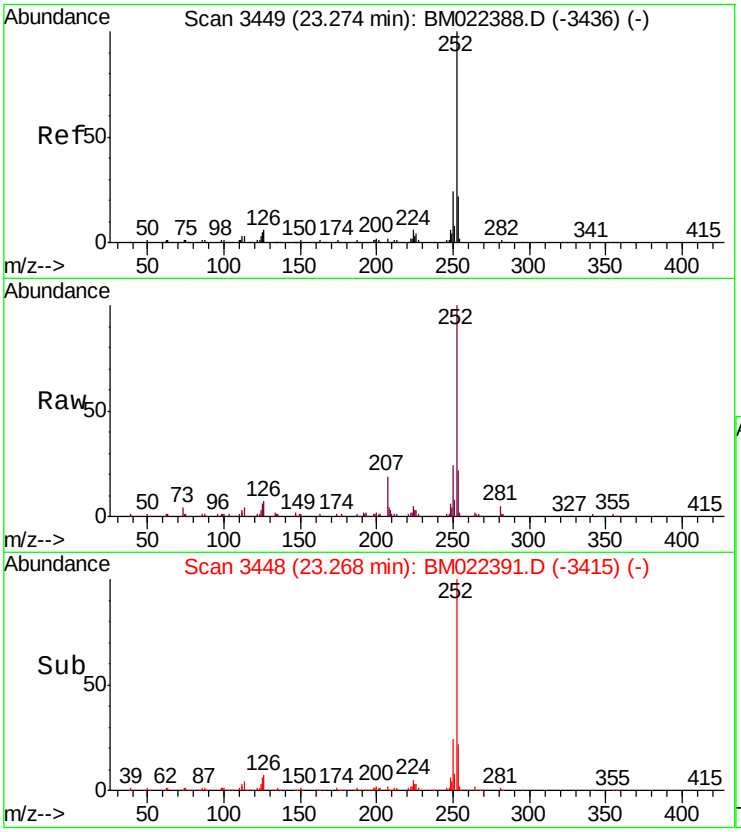


#88
Benzo(k)fluoranthene
Concen: 20.707 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Tgt Ion:252 Resp: 306282

Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.1	27.1
125	4.9	5.1	7.7#



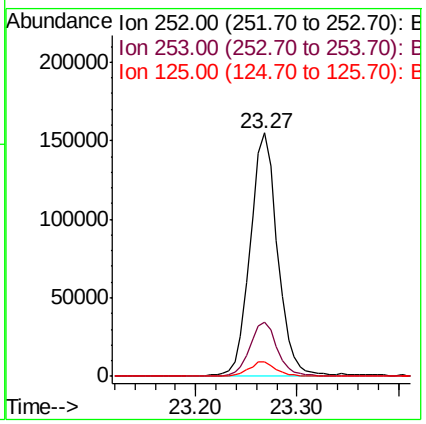


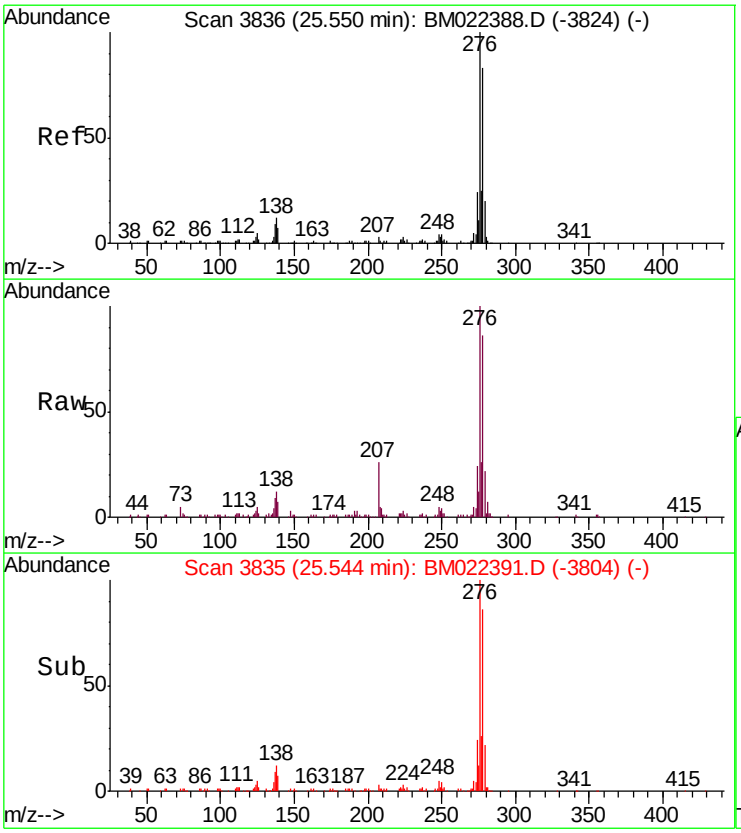
#90
Benzo(a)pyrene
Concen: 19.945 ng/ul
RT: 23.27 min Scan# 3448
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:252 Resp: 289970

Ion	Ratio	Lower	Upper
252	100		
253	22.3	16.9	25.3
125	5.9	5.5	8.3

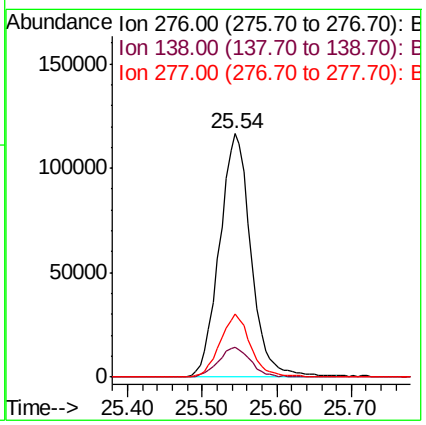


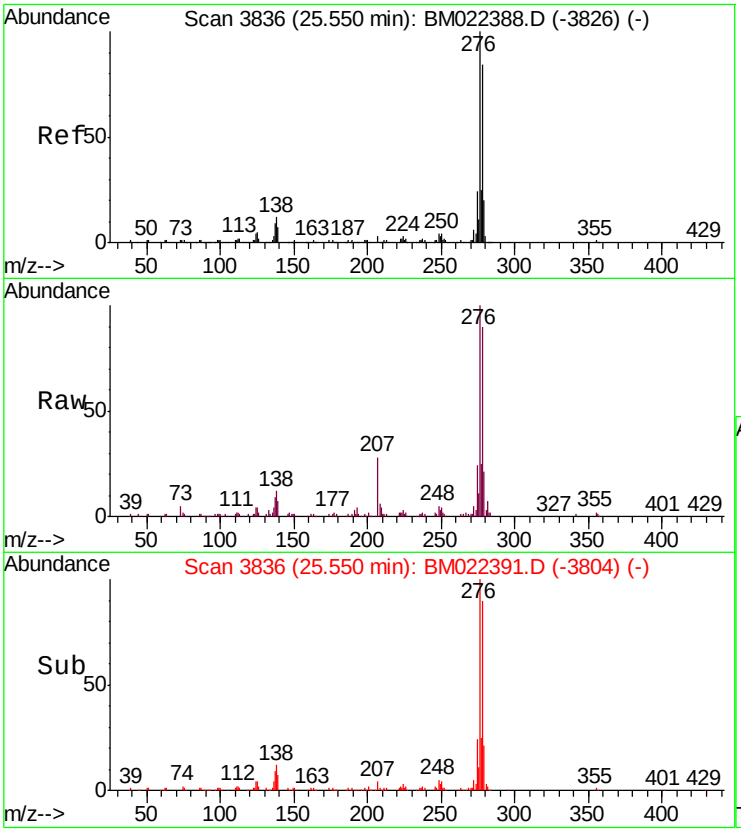


#91
Indeno(1,2,3-cd)pyrene
Concen: 20.266 ng/ul
RT: 25.54 min Scan# 3835
Delta R.T. -0.02 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Tgt Ion:276 Resp: 342127

Ion	Ratio	Lower	Upper
276	100		
138	12.0	12.6	18.8#
277	25.9	20.2	30.2



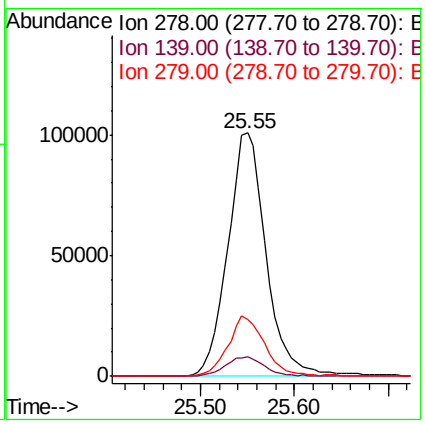


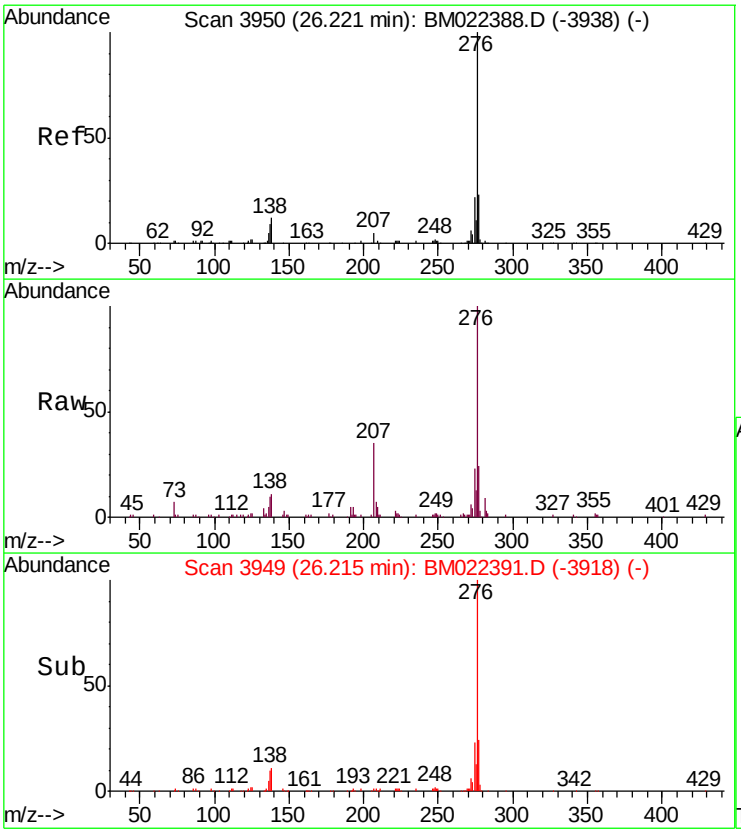
#92
Dibenzo(a,h)anthracene
Concen: 19.850 ng/ul
RT: 25.55 min Scan# 3836
Delta R.T. -0.01 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:278 Resp: 284487

Ion	Ratio	Lower	Upper
278	100		
139	8.2	7.7	11.5
279	23.1	19.0	28.6





#93
Benzo(g,h,i)perylene
Concen: 20.612 ng/ul
RT: 26.21 min Scan# 3949
Delta R.T. -0.02 min
Lab File: BM022391.D
Acq: 28 Aug 2019 20:03

Tgt Ion:276 Resp: 265454

Ion	Ratio	Lower	Upper
276	100		
138	11.4	10.2	15.4
277	23.6	18.2	27.4