Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM093019\
Data File : BM022828.D
Acq On : 30 Sep 2019 16:53
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Sep 30 23:38:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	225825	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1018274	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.45	164	656969	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.18	188	1373017	20.00	ng/ul	0.00
78) Chrysene-d12	21.36	240	1351639	20.00	ng/ul	0.00
86) Perylene-d12	23.63	264	1197587	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	39040	7.48	ng/uL	0.00
5) Phenol-d5	6.97	99	369397	18.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	208631	19.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	303531	18.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	304078	18.61	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	149706	19.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	161324	18.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	328495	19.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	365822	17.62	ng/ul	0.00
44) Dimethylphthalate-d6	13.85	166	956519	18.76	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	1132619	19.24	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	184593	18.32	ng/ul	0.00
58) Fluorene-d10	15.43	176	824338	18.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.55	200	143170	16.02	ng/ul	0.00
71) Anthracene-d10	17.28	188	1282965	19.13	ng/ul	0.00
79) Pyrene-d10	19.57	212	1418531	19.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.49	264	1174217	18.95	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	37895	7.336	ng/uL	97
4) Benzaldehyde	6.95	77	135502	14.985	ng/ul	99
6) Phenol	7.00	94	388072	18.553	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.23	93	300198	18.976	ng/ul	99
10) 2-Chlorophenol	7.38	128	324041	18.801	ng/ul	99
11) 2-Methylphenol	8.25	108	303640	18.834	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.34	45	408958	19.552	ng/ul	99
14) Acetophenone	8.63	105	483269	19.351	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.62	70	246527	19.220	ng/ul	99
16) 4-Methylphenol	8.57	108	334648	18.773	ng/ul	98
17) Hexachloroethane	8.89	117	125549	19.168	ng/ul	97
20) Nitrobenzene	9.00	77	345764	18.848	ng/ul	99
21) Isophorone	9.53	82	692283	19.156	ng/ul	99
23) 2-Nitrophenol	9.72	139	185044	18.854	ng/ul	97
24) 2,4-Dimethylphenol	9.77	107	362553	18.972	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.01	93	437446	18.978	ng/ul	100
27) 2,4-Dichlorophenol	10.25	162	330064	19.086	ng/ul	99
28) Naphthalene	10.65	128	1045570	19.013	ng/ul	100
30) 4-Chloroaniline	10.76	127	386239	17.667	ng/ul	100
31) Hexachlorobutadiene	10.94	225	200547	19.167	ng/ul	98
32) Caprolactam	11.53	113	54483	9.730	ng/ul	97
33) 4-Chloro-3-methylphenol	11.88	107	340438	19.121	ng/ul	98
34) 2-Methylnaphthalene	12.26	142	790599	19.175	ng/ul	100

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM093019\
Data File : BM022828.D
Acq On : 30 Sep 2019 16:53
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Sep 30 23:38:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.49	142	753533	19.135	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.63	216	417799	19.383	ng/ul	99
38) Hexachlorocyclopentadiene	12.62	237	202559	14.994	ng/ul	99
39) 2,4,6-Trichlorophenol	12.87	196	274716	19.217	ng/ul	99
40) 2,4,5-Trichlorophenol	12.95	196	298125	19.121	ng/ul	99
41) 1,1'-Biphenyl	13.27	154	1030495	19.157	ng/ul	100
42) 2-Chloronaphthalene	13.32	162	787324	19.145	ng/ul	99
43) 2-Nitroaniline	13.52	65	205784	19.295	ng/ul	99
45) Dimethylphthalate	13.90	163	986048	18.826	ng/ul	99
46) 2,6-Dinitrotoluene	14.02	165	200007	19.151	ng/ul	98
48) Acenaphthylene	14.16	152	1220048	19.198	ng/ul	99
49) 3-Nitroaniline	14.34	138	186603	18.420	ng/ul	99
50) Acenaphthene	14.51	153	845225	19.092	ng/ul	100
51) 2,4-Dinitrophenol	14.55	184	99070	14.864	ng/ul	97
53) 4-Nitrophenol	14.65	109	137588	18.687	ng/ul	99
54) Dibenzofuran	14.84	168	1203873	19.040	ng/ul	99
55) 2,4-Dinitrotoluene	14.80	165	290653	18.863	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	15.07	232	260820	19.013	ng/ul	98
57) Diethylphthalate	15.27	149	1002318	19.061	ng/ul	100
59) Fluorene	15.49	166	988000	19.336	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.49	204	498506	19.247	ng/ul	98
61) 4-Nitroaniline	15.50	138	216713	18.937	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.57	198	162390	16.251	ng/ul	96
65) N-Nitrosodiphenylamine	15.70	169	857325	18.997	ng/ul	100
66) 4-Bromophenyl-phenylether	16.37	248	315810	19.067	ng/ul	97
67) Hexachlorobenzene	16.50	284	352903	19.109	ng/ul	98
68) Atrazine	16.65	200	310842	18.840	ng/ul	99
69) Pentachlorophenol	16.83	266	216421	18.064	ng/ul	100
70) Phenanthrene	17.22	178	1550872	18.926	ng/ul	100
72) Anthracene	17.32	178	1610729	19.291	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.25	216	414600	19.349	ng/uL	98
74) Pentachlorobenzene	14.76	250	411077	19.220	ng/uL	100
75) Carbazole	17.58	167	1438749	19.388	ng/ul	100
76) Di-n-butylphthalate	18.15	149	1730550	19.779	ng/ul	100
77) Fluoranthene	19.24	202	1836139	19.923	ng/ul	99
80) Pyrene	19.60	202	1891987	19.746	ng/ul	99
81) Butylbenzylphthalate	20.50	149	820713	20.827	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.28	252	552497	17.944	ng/ul	100
83) Benzo(a)anthracene	21.35	228	1857100	19.137	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.29	149	1227777	21.929	ng/ul	99
85) Chrysene	21.40	228	1709329	19.105	ng/ul	100
87) Di-n-octyl phthalate	22.17	149	2009474	24.672	ng/ul	100
88) Benzo(b)fluoranthene	22.95	252	1529793	19.249	ng/ul	99
89) Benzo(k)fluoranthene	22.99	252	1532516	20.156	ng/ul	99
91) Benzo(a)pyrene	23.53	252	1395558	18.717	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.93	276	1412713	17.838	ng/ul	100
93) Dibenzo(a,h)anthracene	25.94	278	1193268	18.011	ng/ul	99
94) Benzo(g,h,i)perylene	26.63	276	1145074	17.921	ng/ul	99

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM093019\
Data File : BM022828.D
Acq On : 30 Sep 2019 16:53
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 30 23:38:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration

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

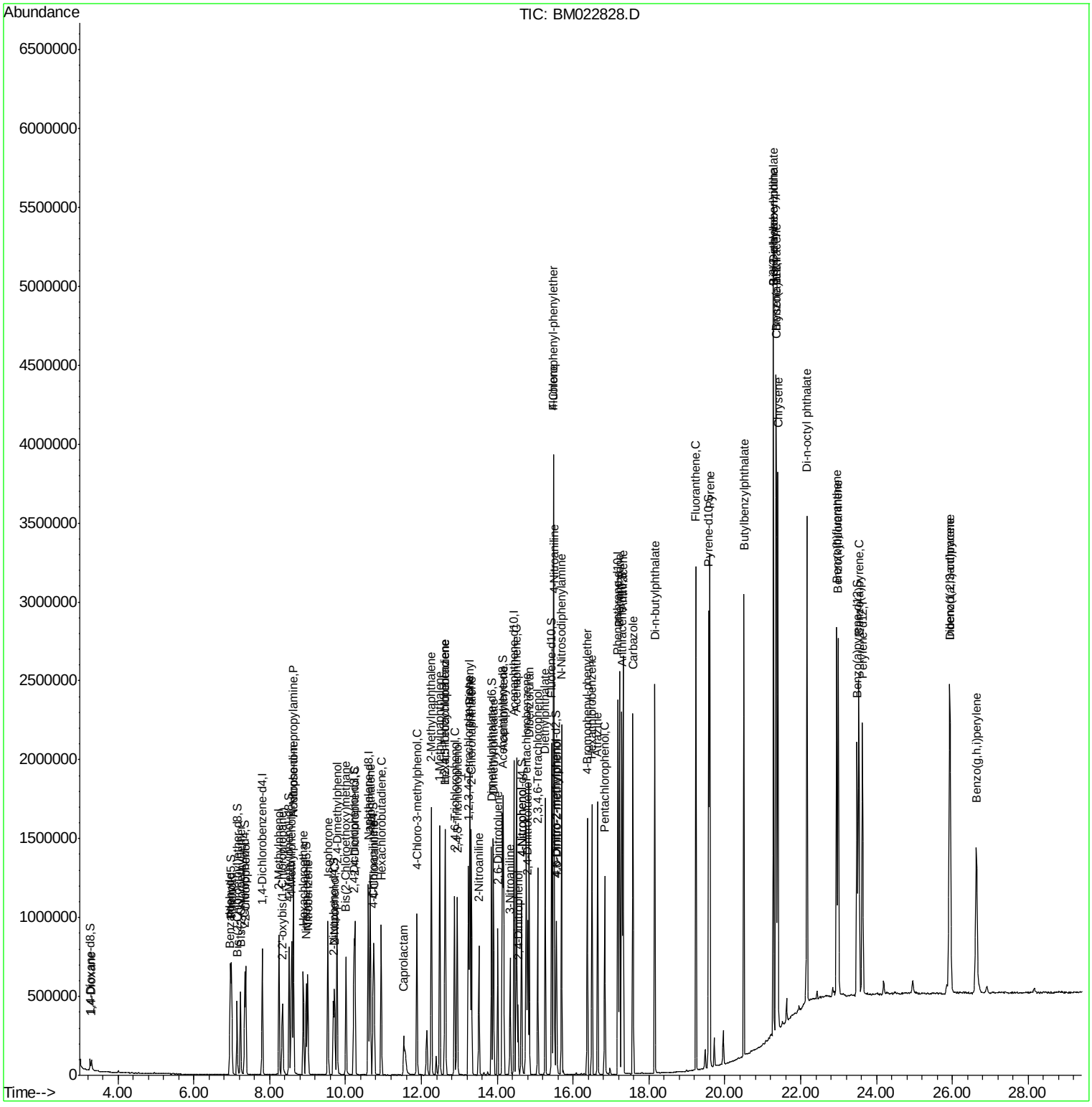
(#) = qualifier out of range (m) = manual integration (+) = signals summed

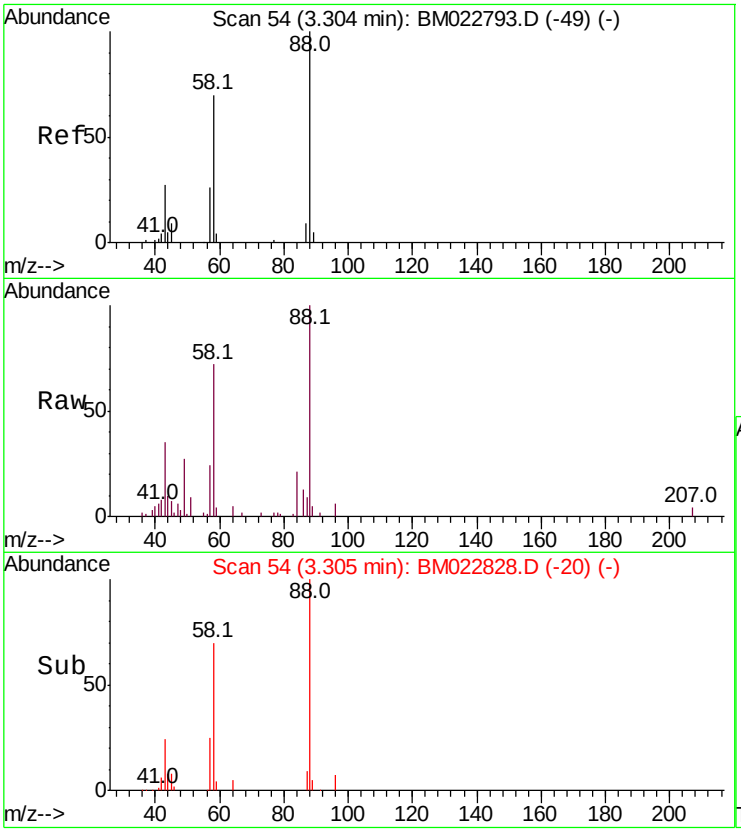
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM093019\
Data File : BM022828.D
Acq On : 30 Sep 2019 16:53
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 30 23:38:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration



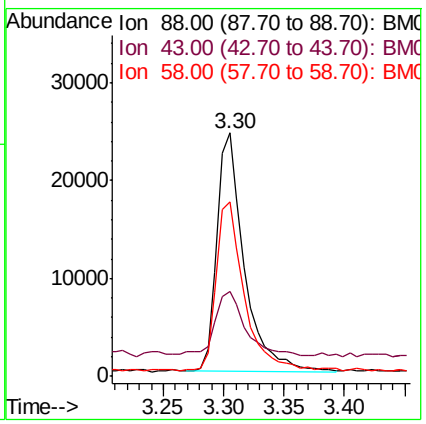


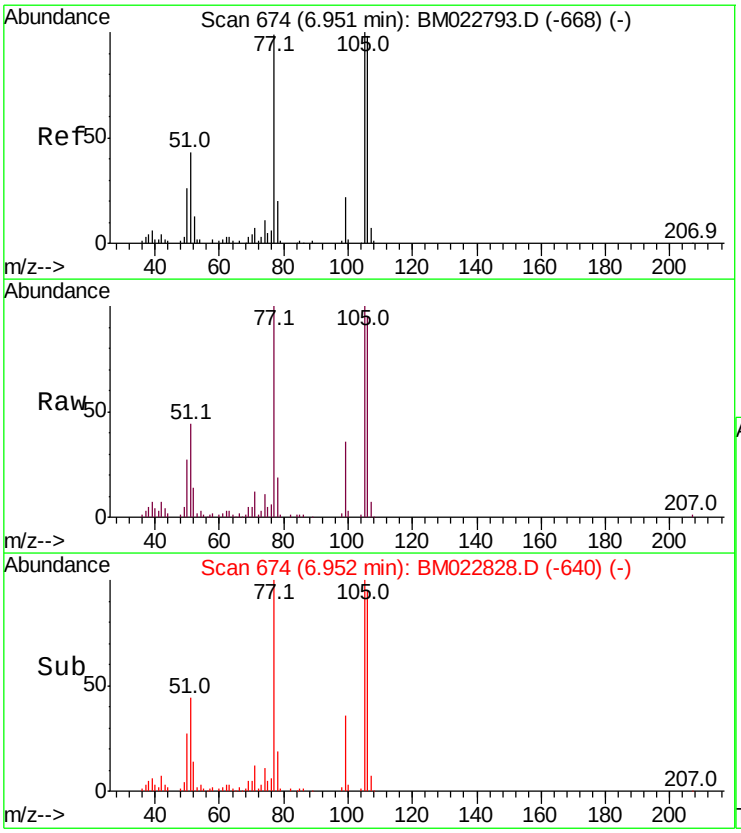
#2
1,4-Dioxane
Concen: 7.336 ng/uL
RT: 3.30 min Scan# 54
Delta R.T. 0.00 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 37895

Ion	Ratio	Lower	Upper
88	100		
43	35.0	25.3	37.9
58	71.6	56.6	84.8

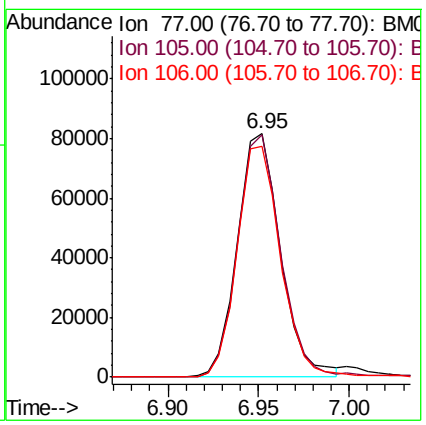


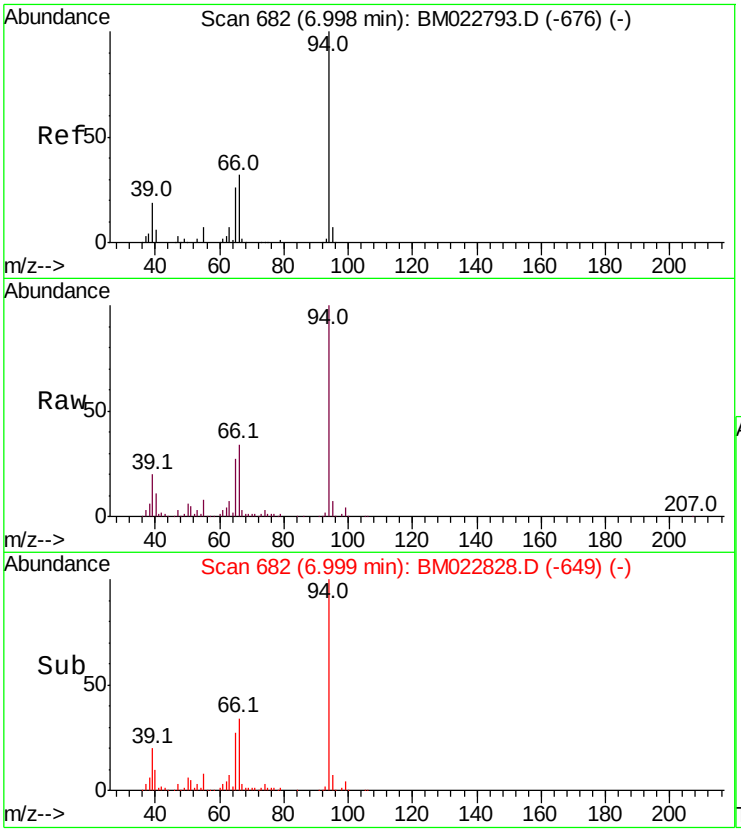


#4
Benzaldehyde
Concen: 14.985 ng/ul
RT: 6.95 min Scan# 674
Delta R.T. 0.00 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Tgt Ion: 77 Resp: 135502

Ion	Ratio	Lower	Upper
77	100		
105	99.8	80.6	120.8
106	94.6	77.0	115.6



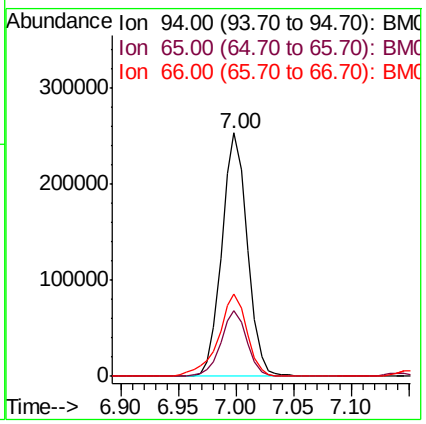


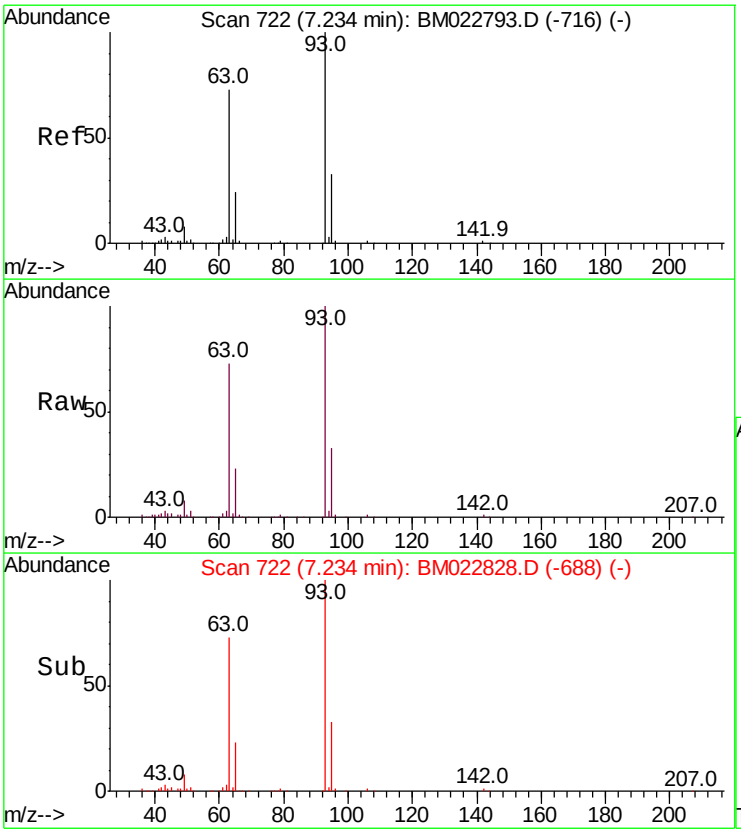
#6
Phenol
Concen: 18.553 ng/ul
RT: 7.00 min Scan# 682
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 388072

Ion	Ratio	Lower	Upper
94	100		
65	27.2	20.9	31.3
66	34.0	27.2	40.8

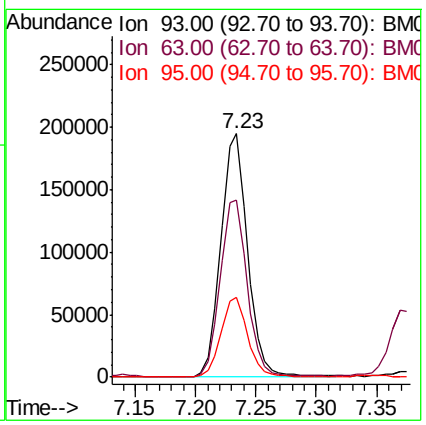


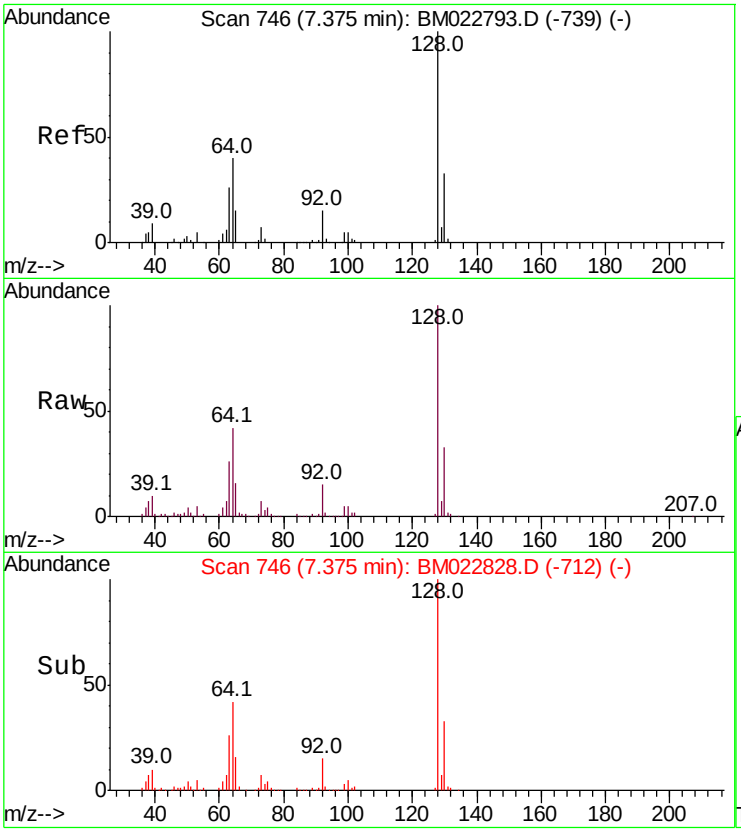


#8
Bis(2-Chloroethyl)ether
Concen: 18.976 ng/ul
RT: 7.23 min Scan# 722
Delta R.T. 0.00 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Tgt Ion: 93 Resp: 300198

Ion	Ratio	Lower	Upper
93	100		
63	72.7	59.1	88.7
95	32.7	26.3	39.5



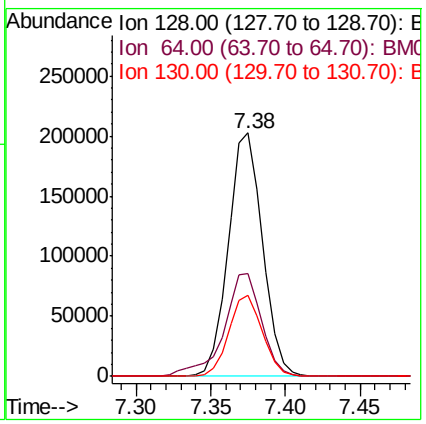


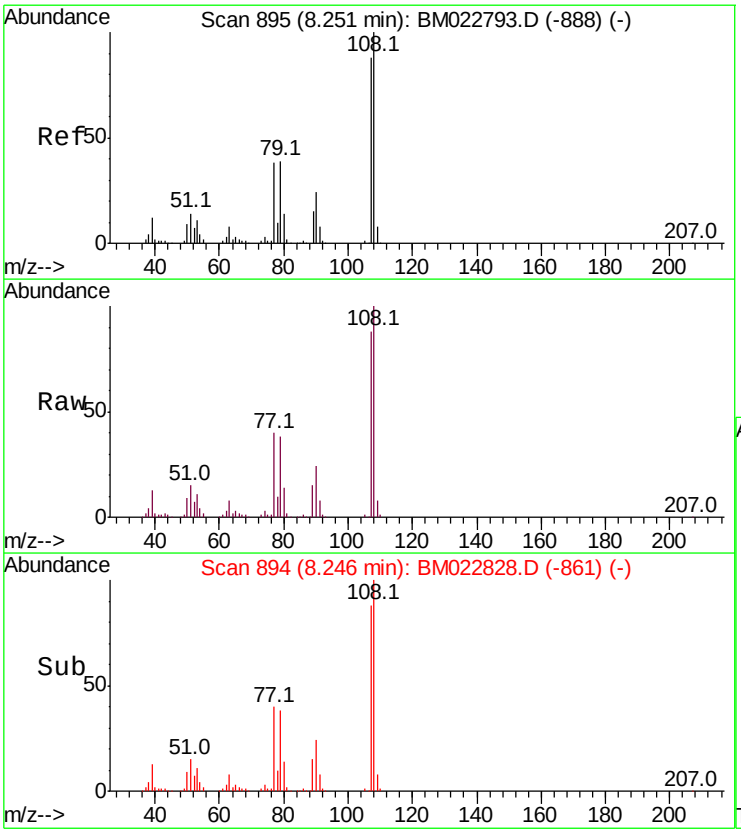
#10
2-Chlorophenol
Concen: 18.801 ng/ul
RT: 7.38 min Scan# 746
Delta R.T. 0.00 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 324041

Ion	Ratio	Lower	Upper
128	100		
64	42.2	34.1	51.1
130	33.2	26.0	39.0

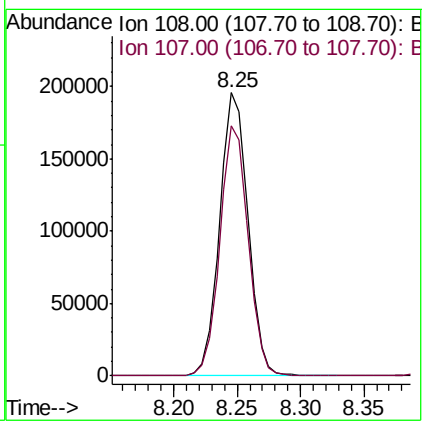


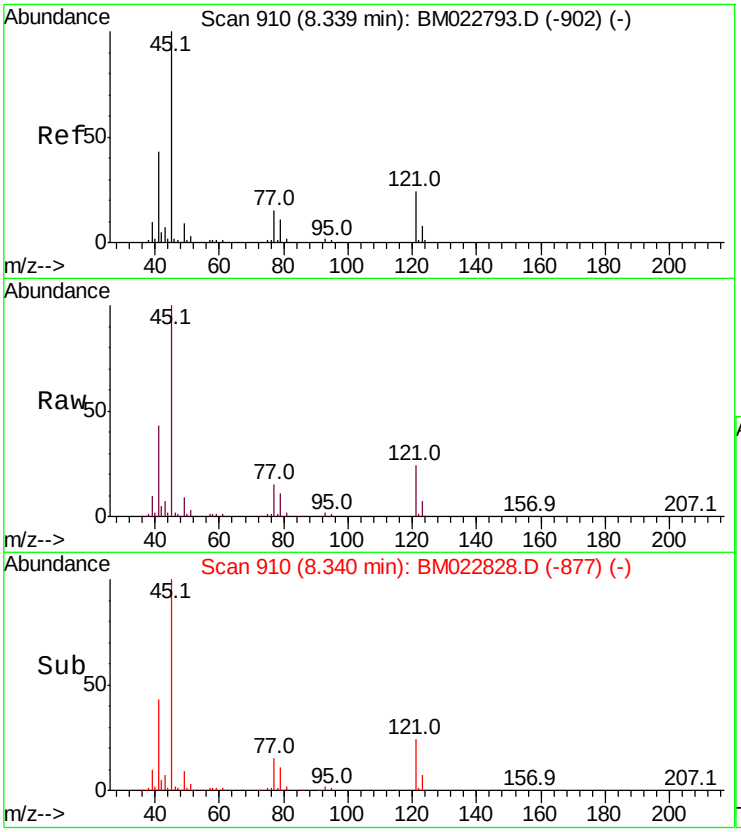


#11
2-Methylphenol
Concen: 18.834 ng/ul
RT: 8.25 min Scan# 894
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Tgt Ion:108 Resp: 303640

Ion	Ratio	Lower	Upper
108	100		
107	88.3	71.0	106.4



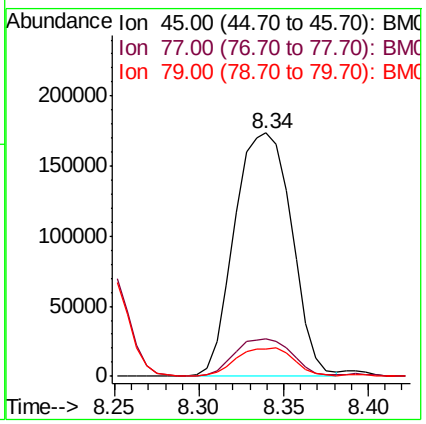


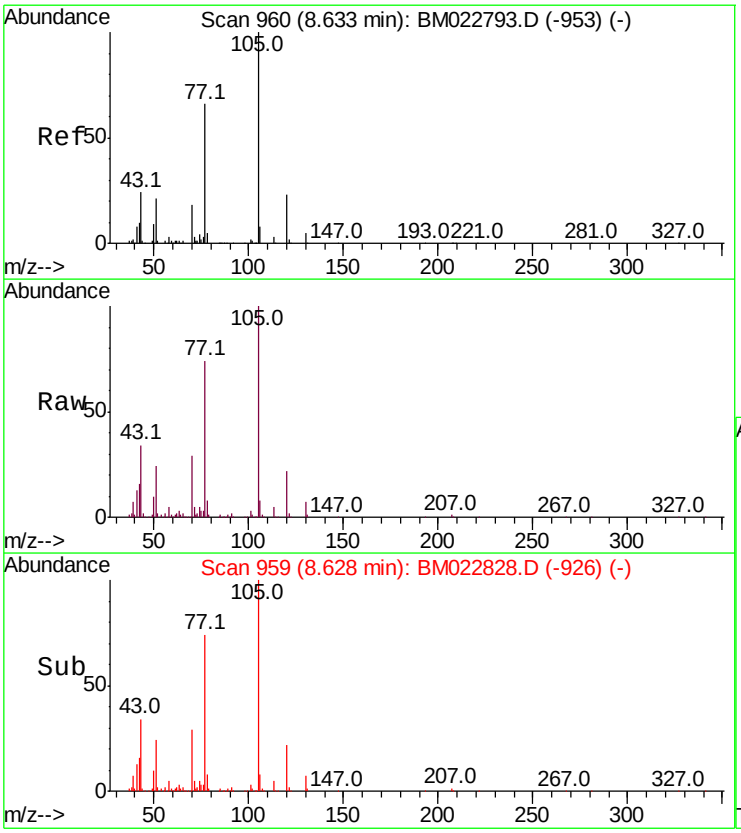
#12
2,2'-oxybis(1-Chloropropane)
Concen: 19.552 ng/ul
RT: 8.34 min Scan# 910
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 45 Resp: 408958

Ion	Ratio	Lower	Upper
45	100		
77	15.2	12.2	18.2
79	11.3	9.6	14.4

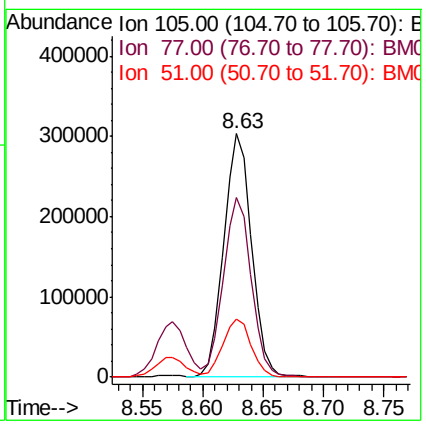


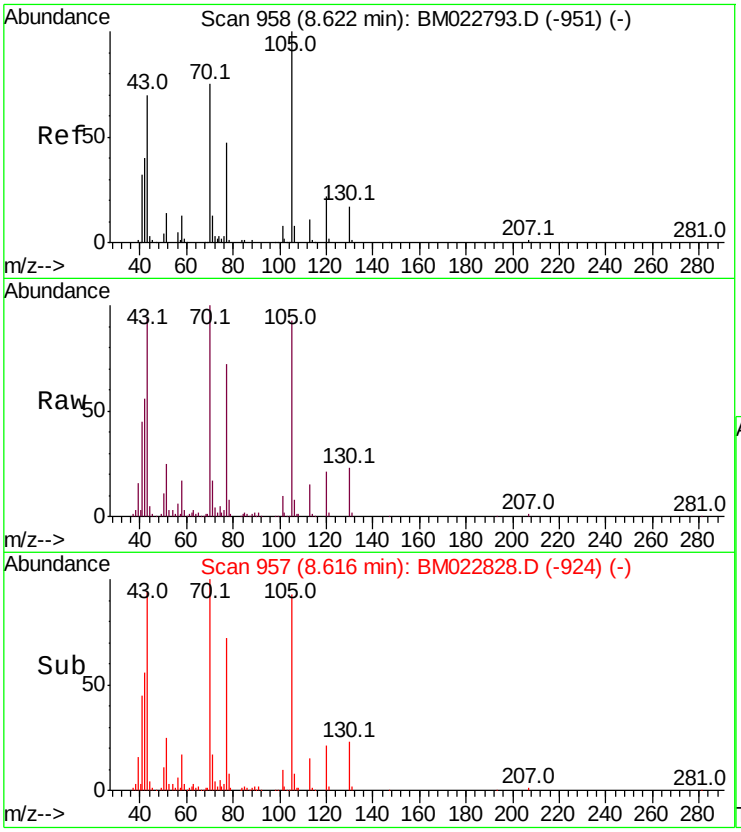


#14
Acetophenone
Concen: 19.351 ng/ul
RT: 8.63 min Scan# 959
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Tgt Ion:105 Resp: 483269

Ion	Ratio	Lower	Upper
105	100		
77	73.8	59.4	89.0
51	24.1	19.4	29.0



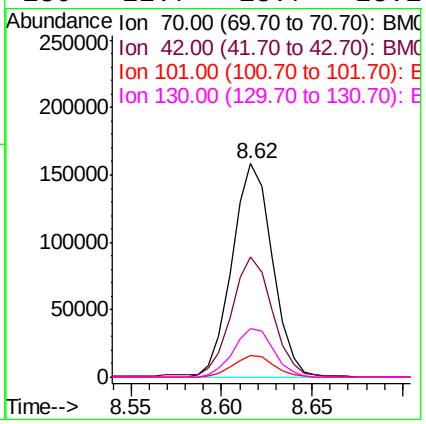


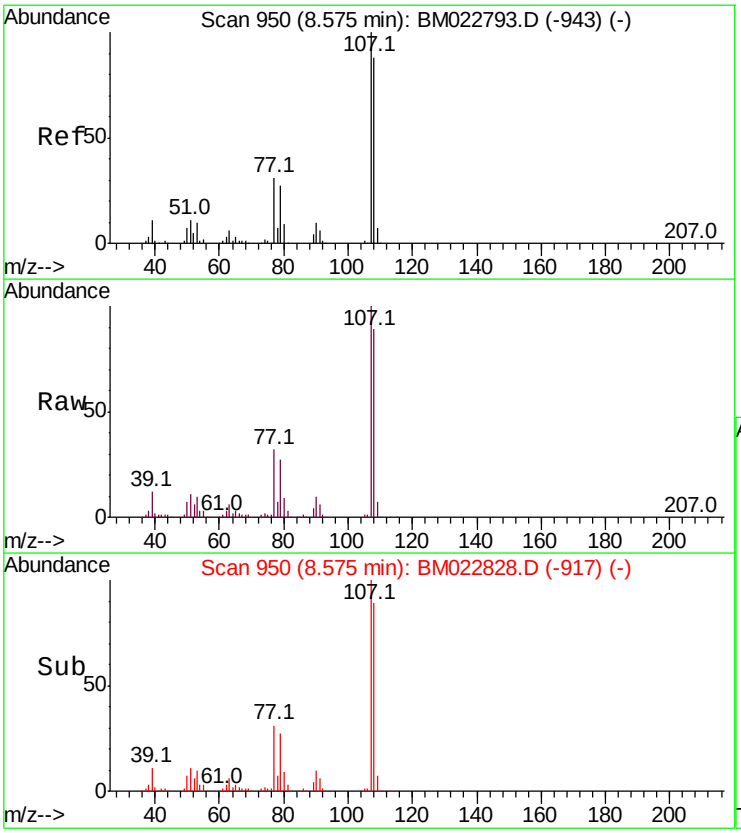
#15
N-Nitroso-di-n-propylamine
Concen: 19.220 ng/ul
RT: 8.62 min Scan# 957
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 70 Resp: 246527

Ion	Ratio	Lower	Upper
70	100		
42	56.2	44.6	66.8
101	10.5	8.2	12.2
130	22.7	18.7	28.1

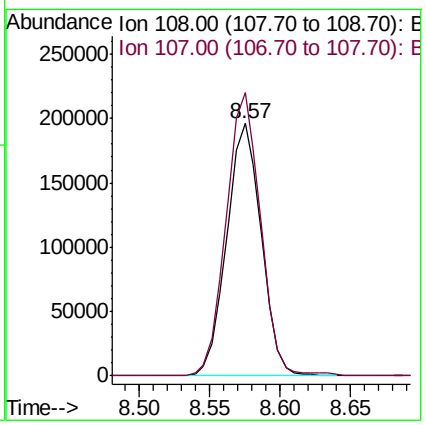


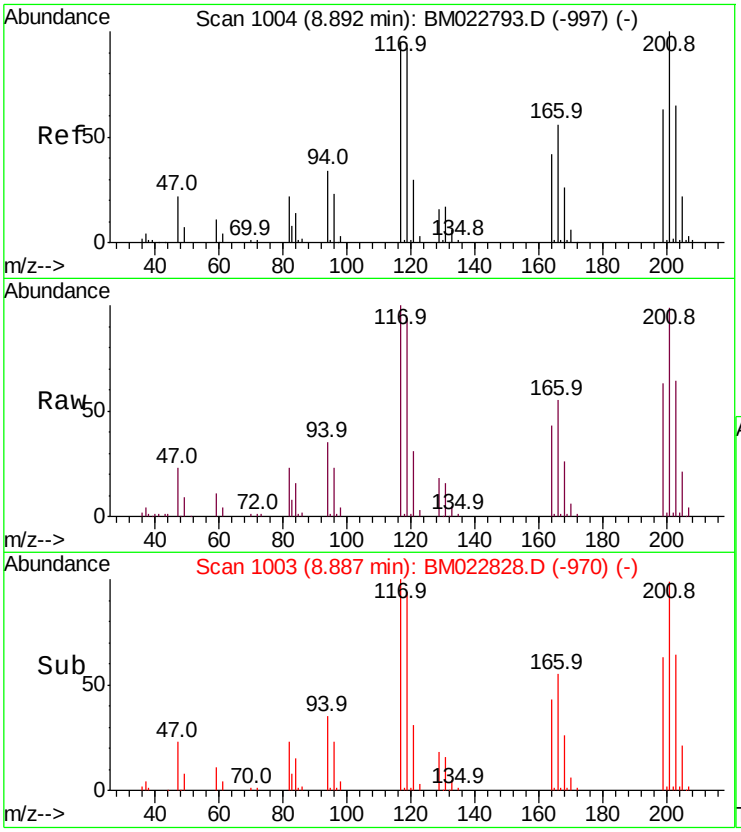


#16
4-Methylphenol
Concen: 18.773 ng/ul
RT: 8.57 min Scan# 950
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Tgt Ion:108 Resp: 334648

Ion	Ratio	Lower	Upper
108	100		
107	112.2	87.9	131.9



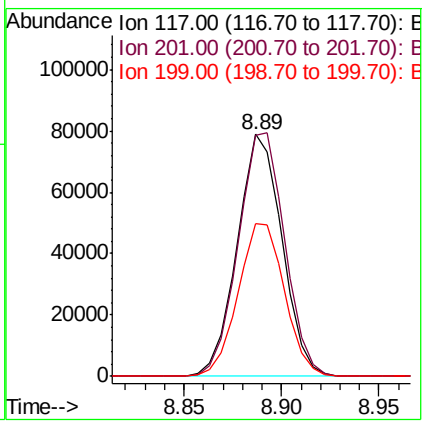


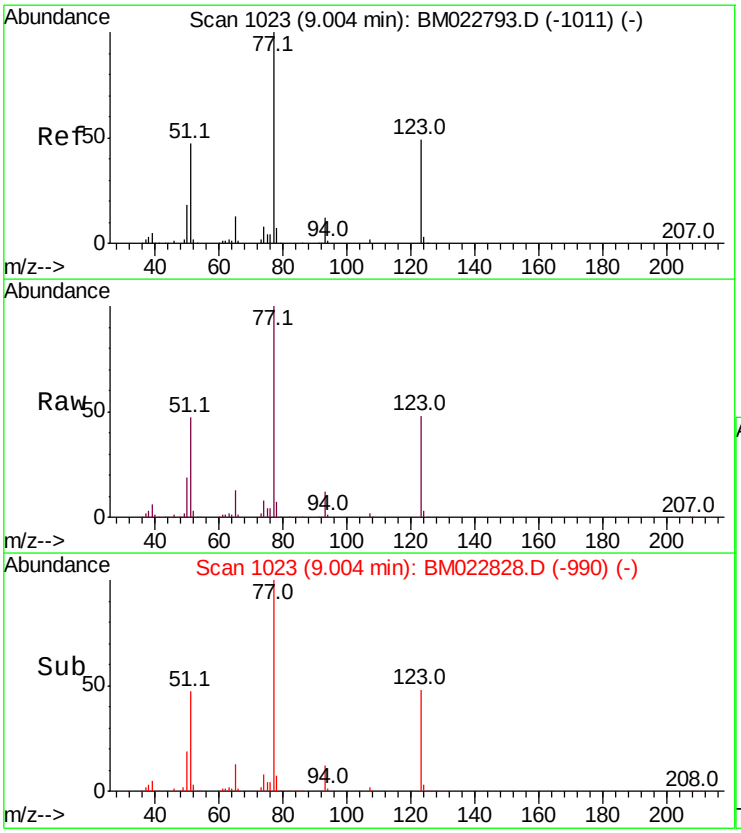
#17
Hexachloroethane
Concen: 19.168 ng/ul
RT: 8.89 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 125549

Ion	Ratio	Lower	Upper
117	100		
201	99.3	82.5	123.7
199	63.1	51.6	77.4

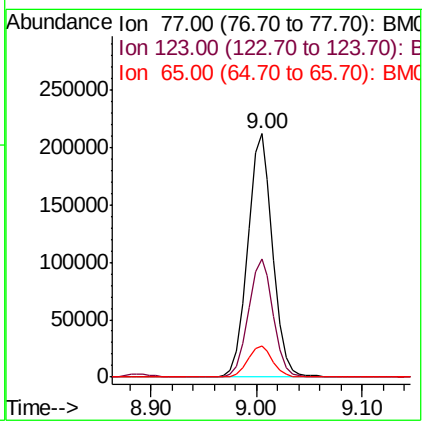


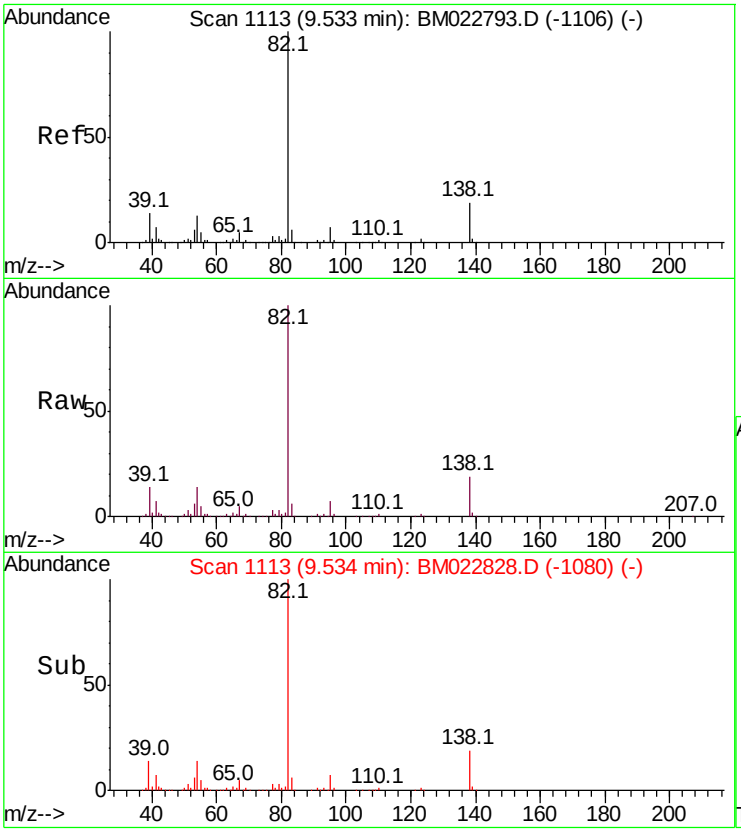


#20
Nitrobenzene
Concen: 18.848 ng/ul
RT: 9.00 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Tgt Ion: 77 Resp: 345764

Ion	Ratio	Lower	Upper
77	100		
123	48.3	38.9	58.3
65	13.0	10.2	15.2



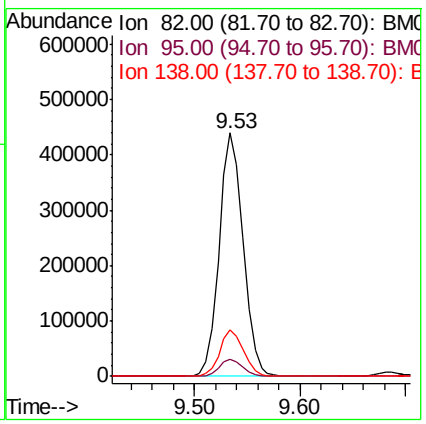


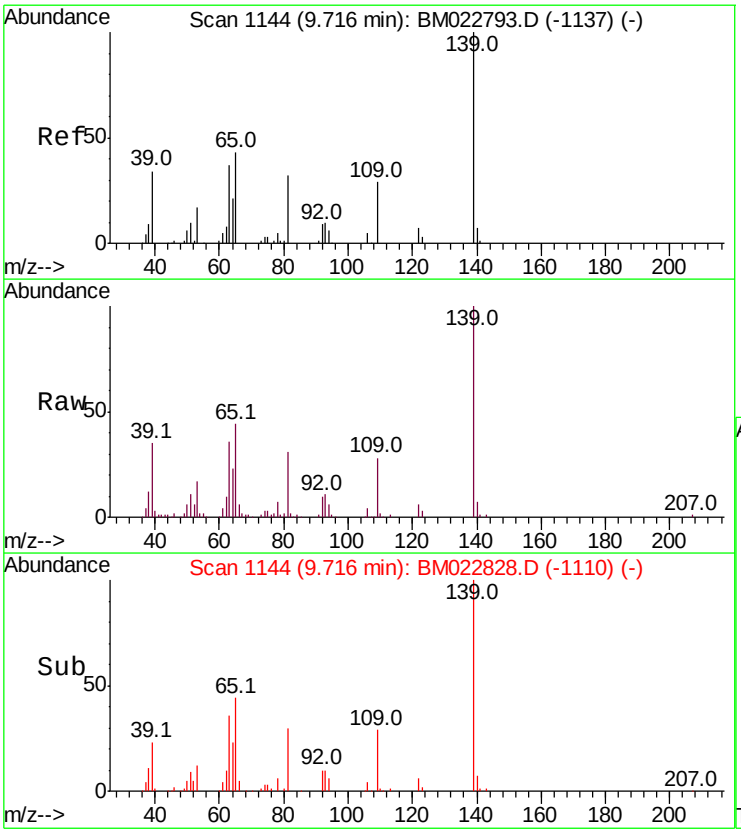
#21
Isophorone
Concen: 19.156 ng/ul
RT: 9.53 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 692283

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.6	8.4
138	18.9	14.9	22.3

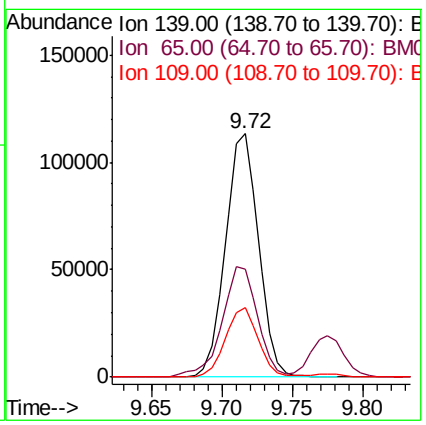


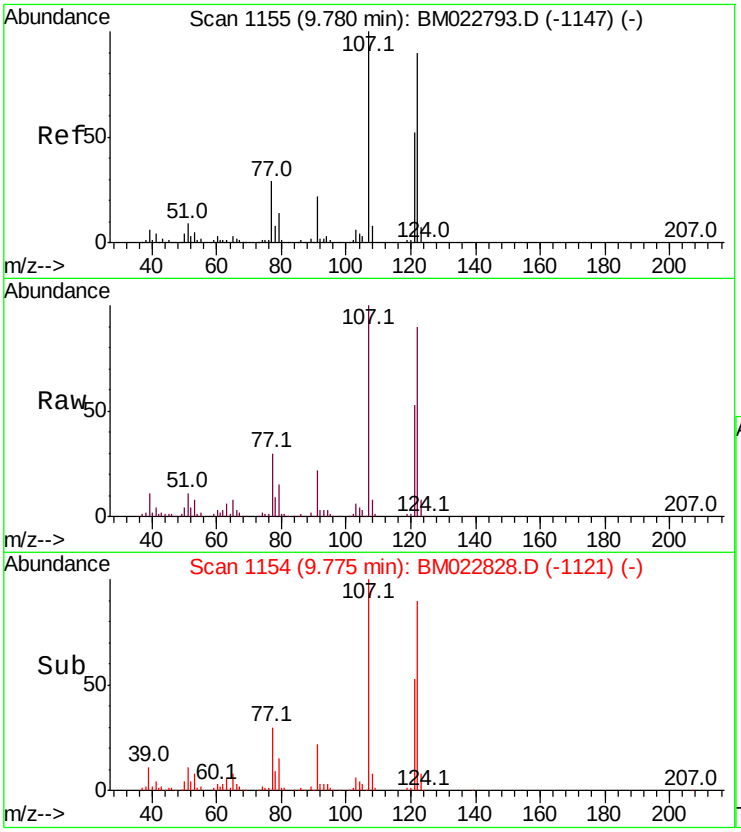


#23
2-Nitrophenol
Concen: 18.854 ng/ul
RT: 9.72 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Tgt Ion:139 Resp: 185044

Ion	Ratio	Lower	Upper
139	100		
65	44.5	37.2	55.8
109	28.5	22.0	33.0



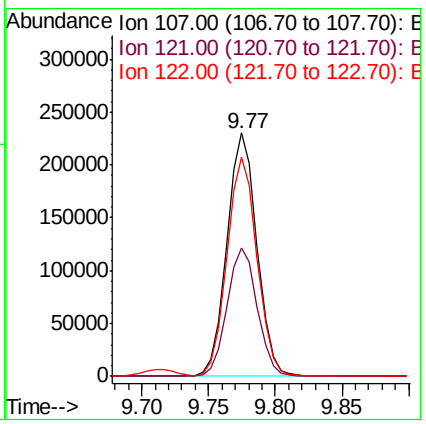


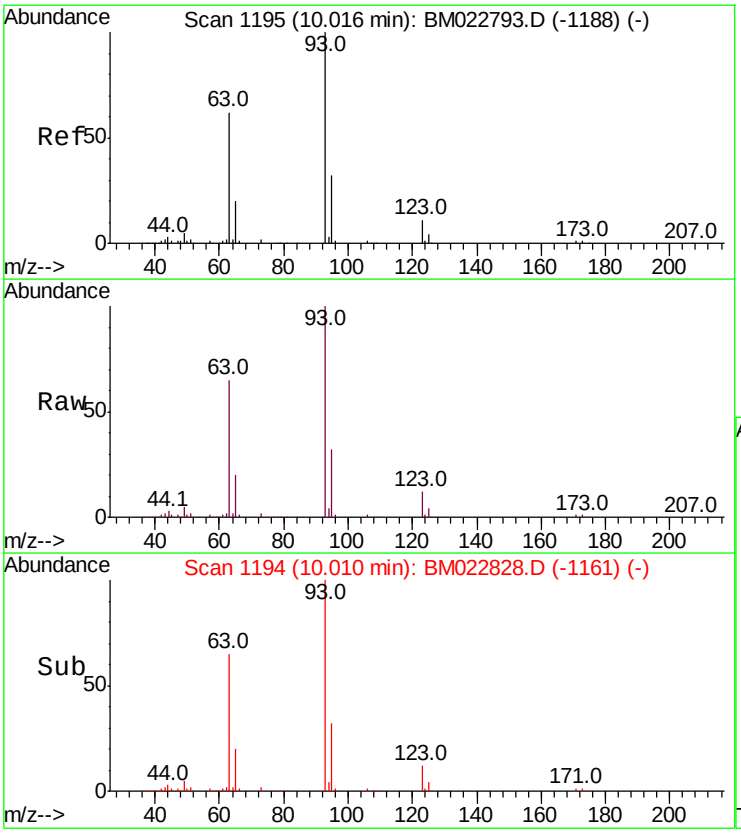
#24
2,4-Dimethylphenol
Concen: 18.972 ng/ul
RT: 9.77 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 362553

Ion	Ratio	Lower	Upper
107	100		
121	52.7	43.0	64.4
122	90.3	71.4	107.0

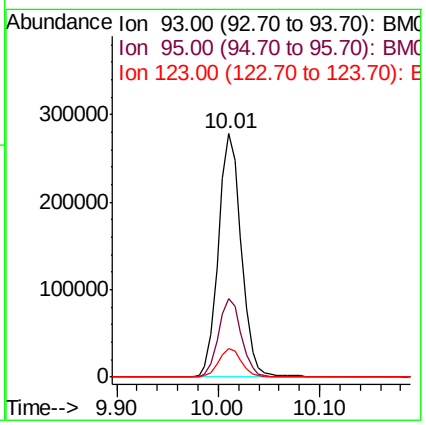


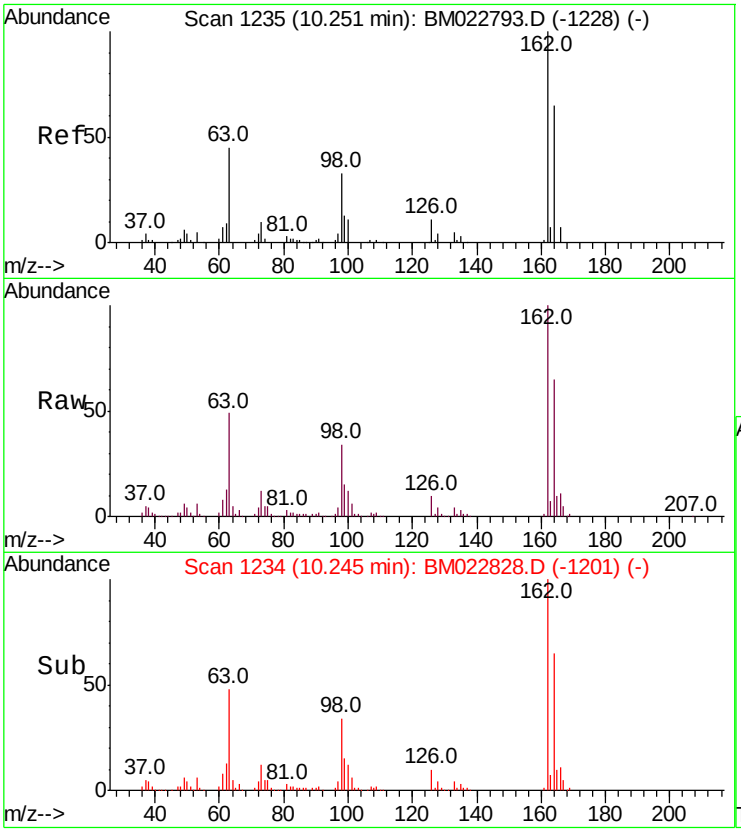


#25
Bis(2-Chloroethoxy)methane
Concen: 18.978 ng/ul
RT: 10.01 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Tgt Ion: 93 Resp: 437446

Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.7	38.5
123	12.0	9.4	14.0



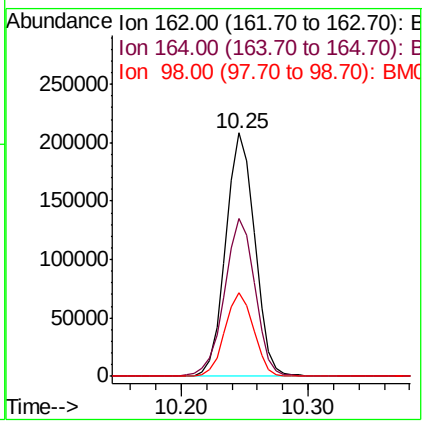


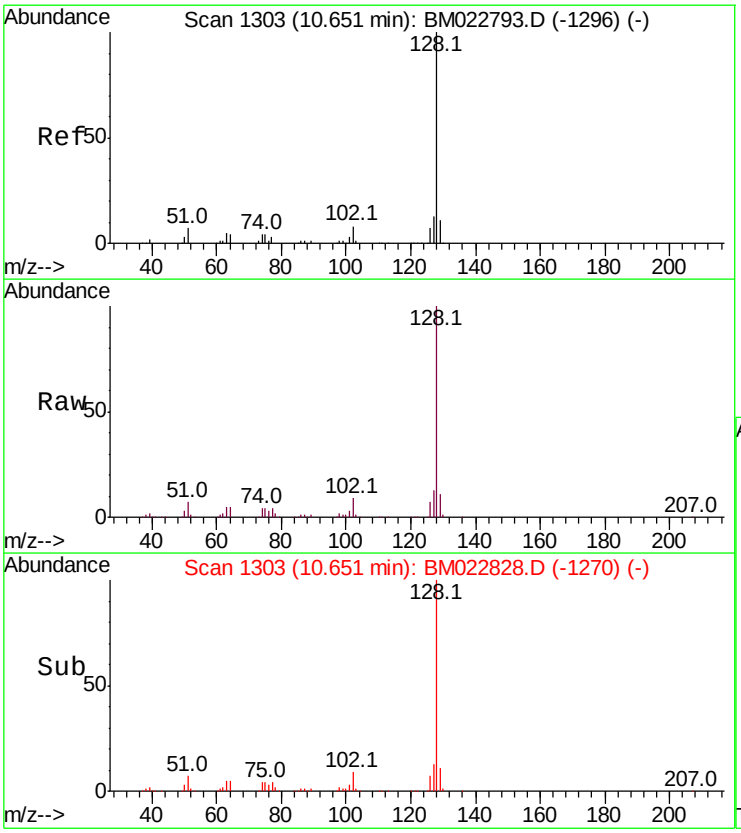
#27
2,4-Dichlorophenol
Concen: 19.086 ng/ul
RT: 10.25 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:162 Resp: 330064

Ion	Ratio	Lower	Upper
162	100		
164	64.7	52.3	78.5
98	34.4	27.4	41.2

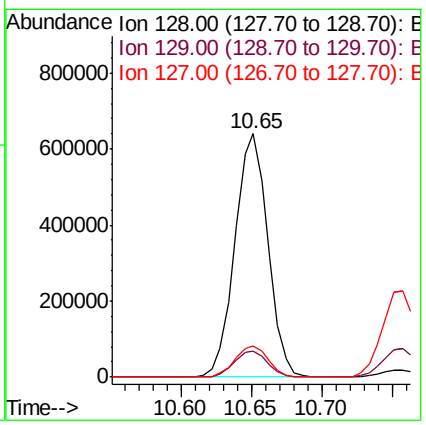


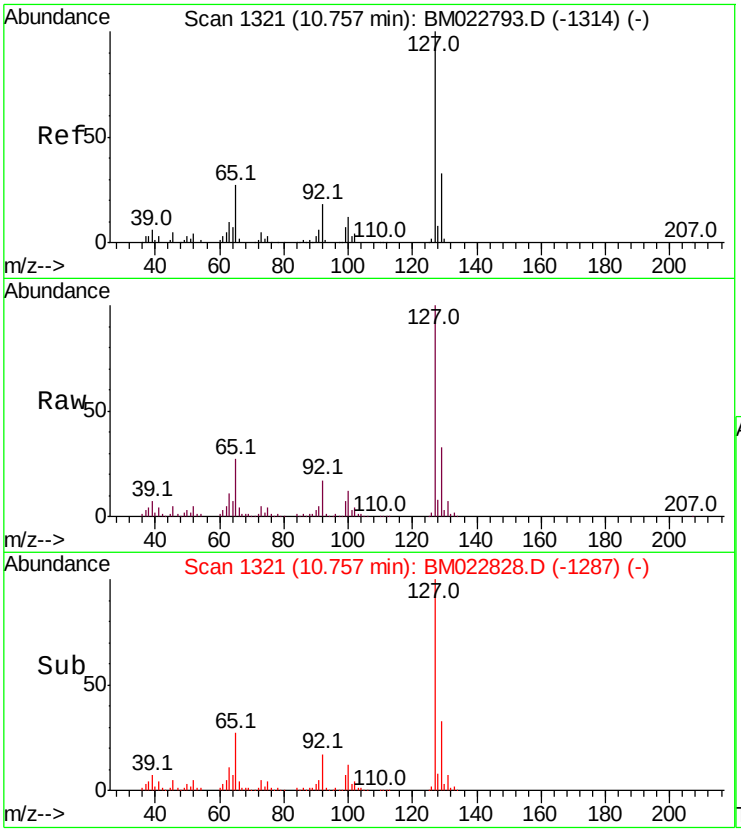


#28
Naphthalene
Concen: 19.013 ng/ul
RT: 10.65 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Tgt Ion:128 Resp: 1045570

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	12.8	10.2	15.4



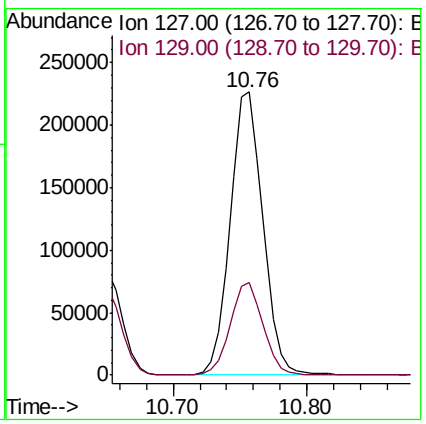


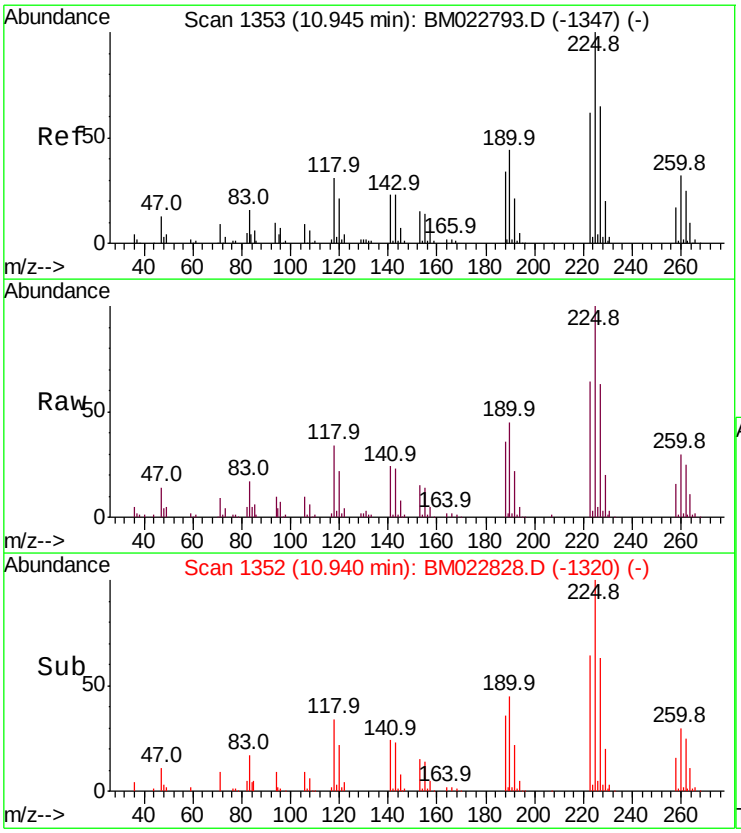
#30
4-Chloroaniline
Concen: 17.667 ng/ul
RT: 10.76 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp: 386239

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.0	39.0

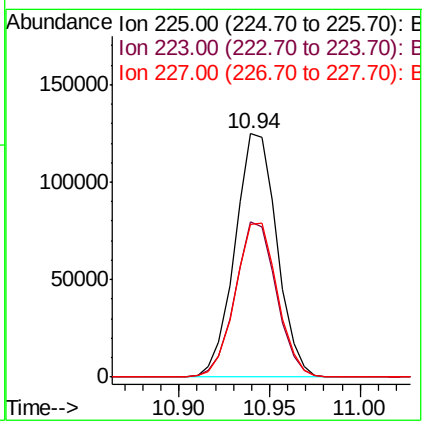


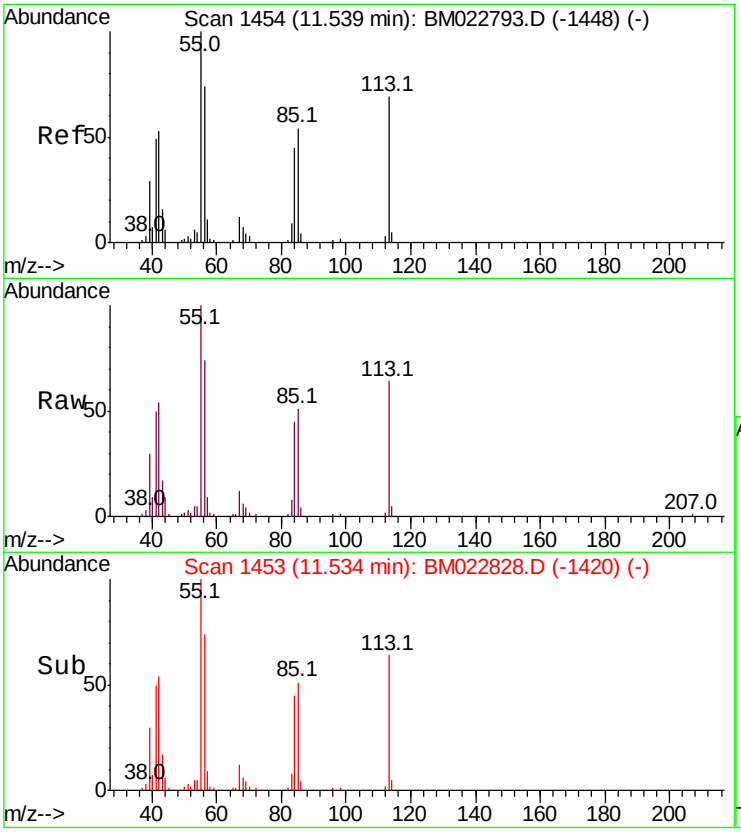


#31
Hexachlorobutadiene
Concen: 19.167 ng/ul
RT: 10.94 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Tgt Ion:225 Resp: 200547

Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.7	74.5
227	62.7	51.7	77.5



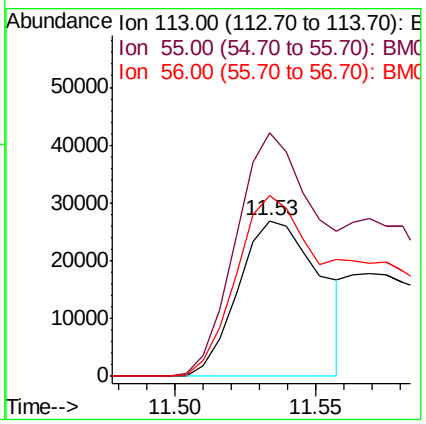


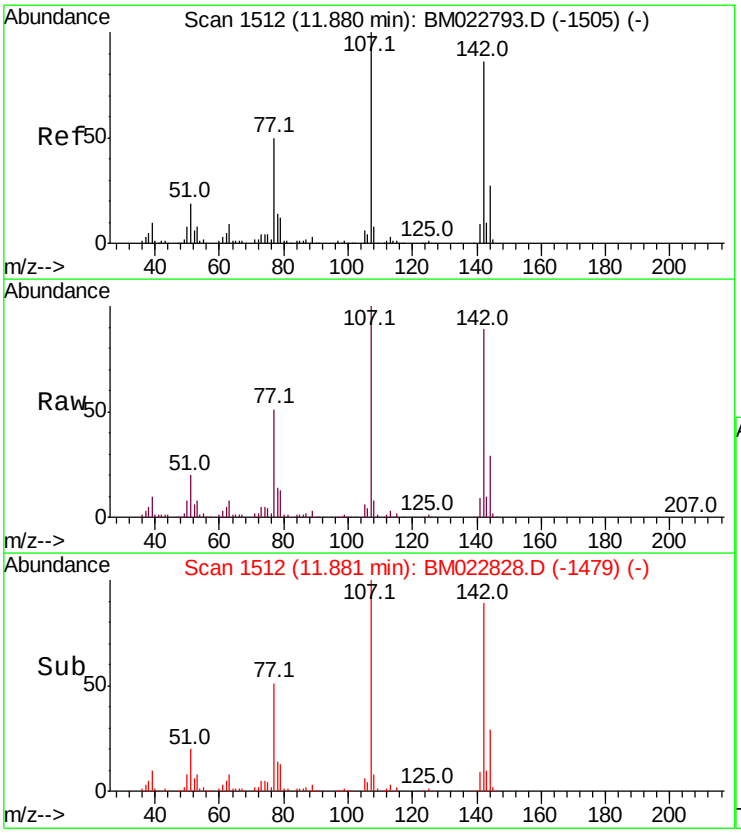
#32
Caprolactam
Concen: 9.730 ng/ul
RT: 11.53 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:113 Resp: 54483

Ion	Ratio	Lower	Upper
113	100		
55	156.4	120.6	180.8
56	116.3	91.4	137.2

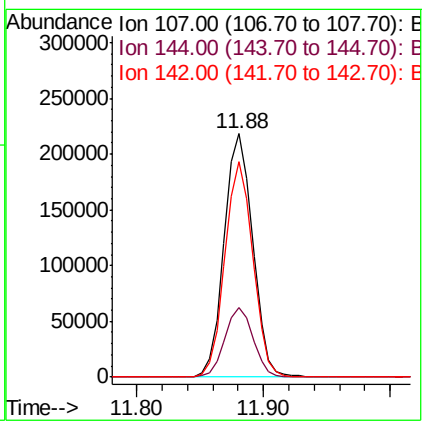


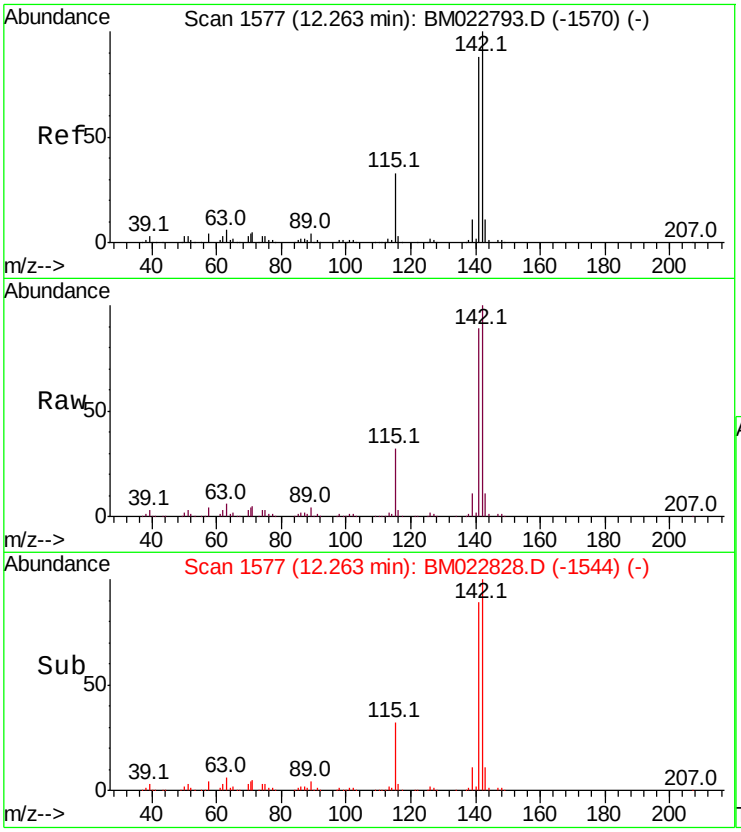


#33
4-Chloro-3-methylphenol
Concen: 19.121 ng/ul
RT: 11.88 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Tgt Ion:107 Resp: 340438

Ion	Ratio	Lower	Upper
107	100		
144	28.8	22.5	33.7
142	88.7	68.9	103.3



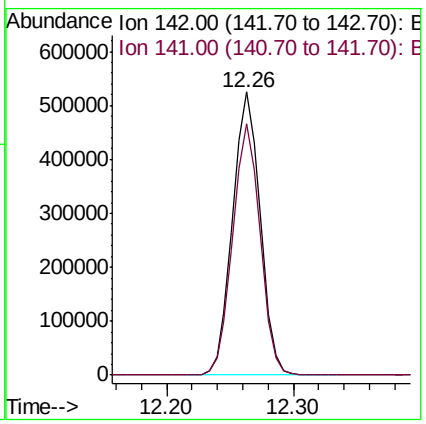


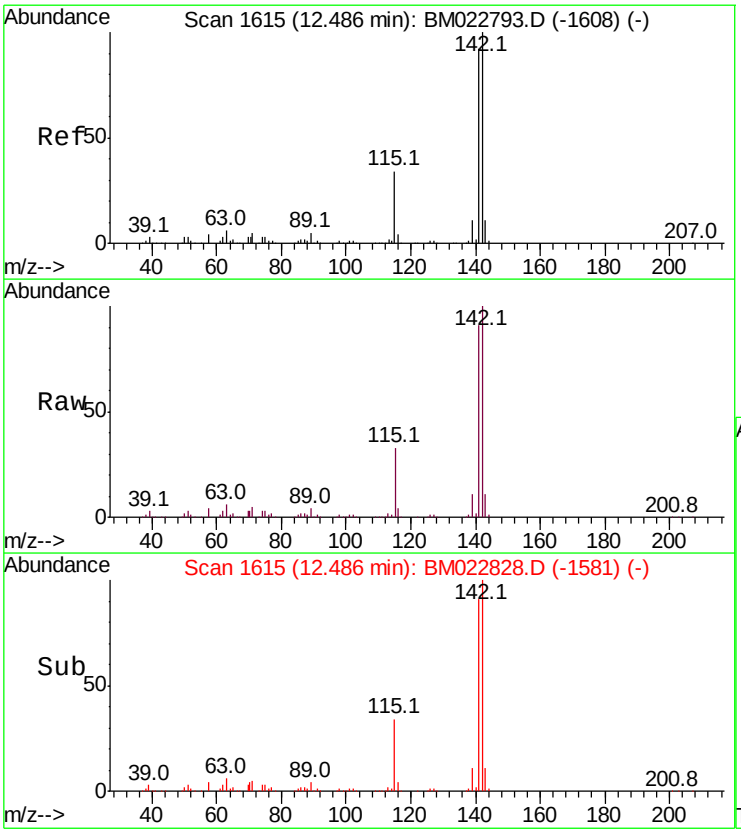
#34
2-Methylnaphthalene
Concen: 19.175 ng/ul
RT: 12.26 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 790599

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.2	106.8

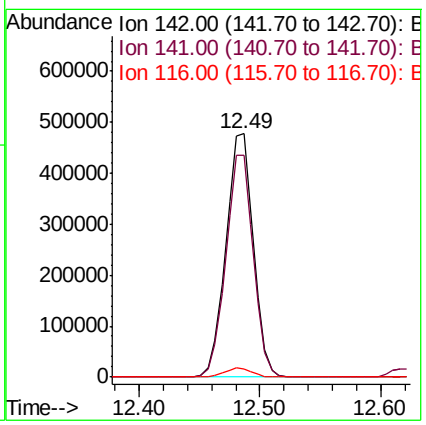


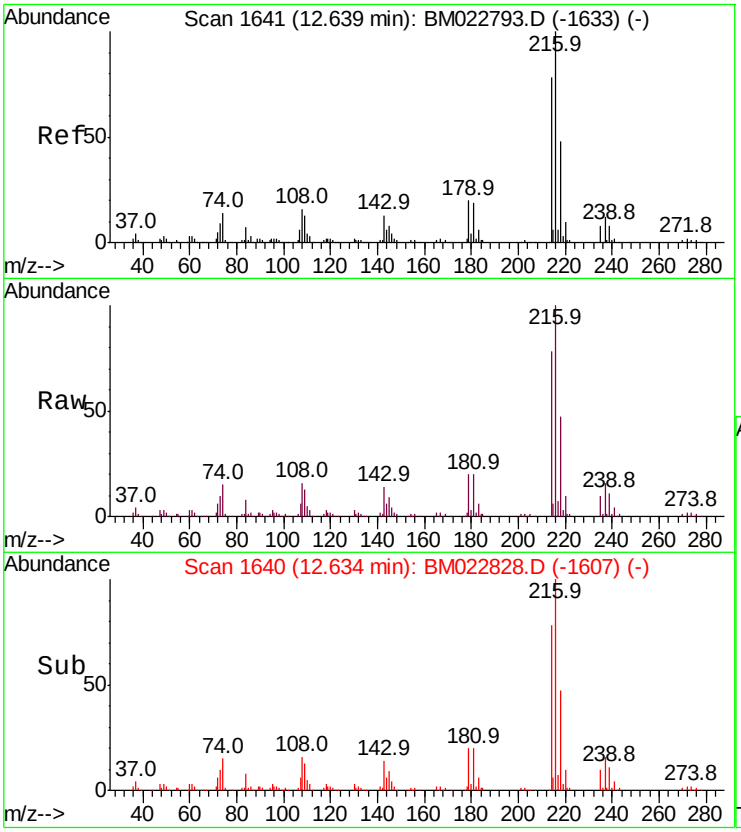


#35
1-Methylnaphthalene
Concen: 19.135 ng/ul
RT: 12.49 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Tgt Ion:142 Resp: 753533

Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.0	109.6
116	3.5	2.9	4.3



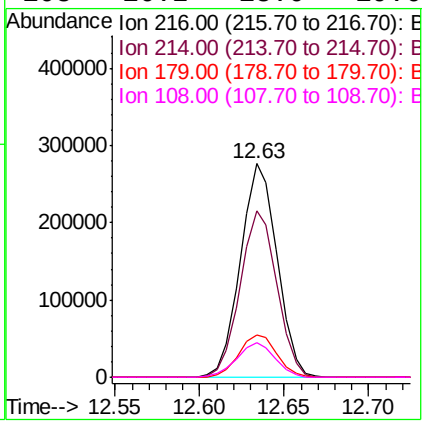


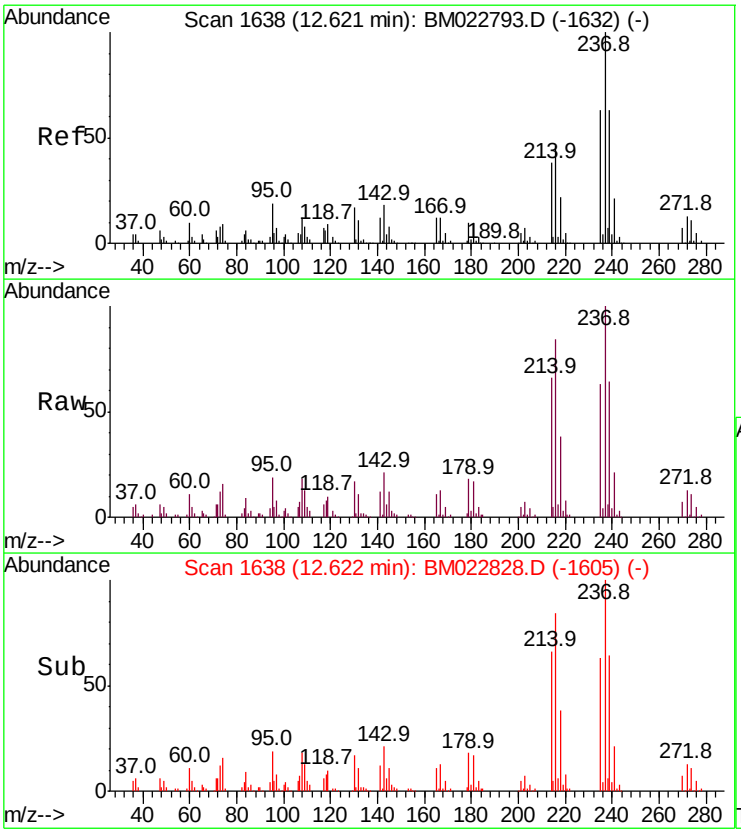
#37
1,2,4,5-Tetrachlorobenzene
Concen: 19.383 ng/ul
RT: 12.63 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:216 Resp: 417799

Ion	Ratio	Lower	Upper
216	100		
214	77.7	63.4	95.0
179	20.0	16.5	24.7
108	16.2	13.0	19.6

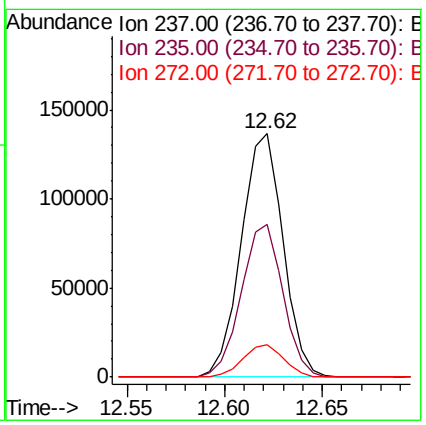


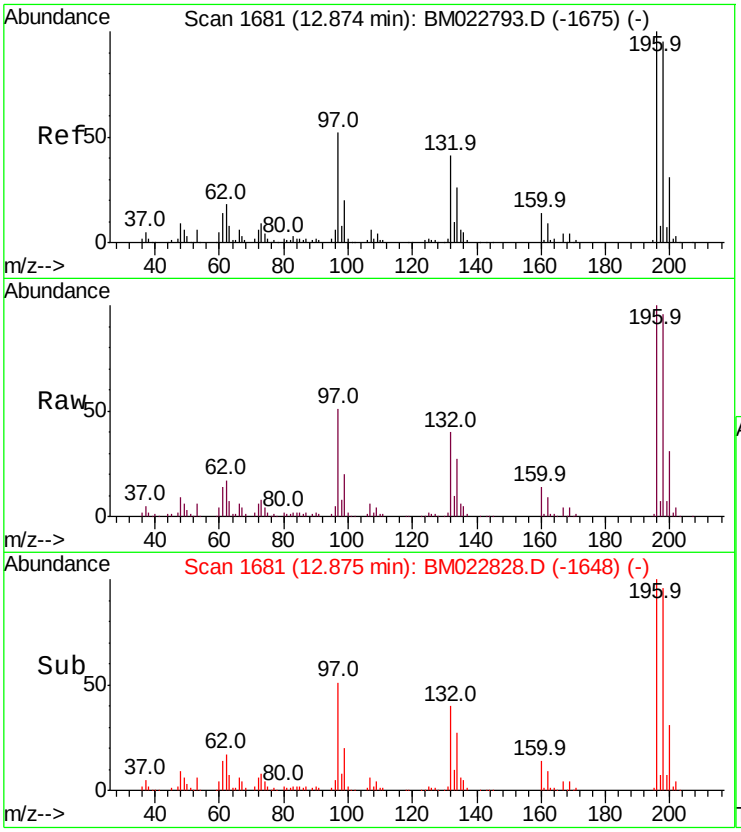


#38
Hexachlorocyclopentadiene
Concen: 14.994 ng/ul
RT: 12.62 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Tgt Ion:237 Resp: 202559

Ion	Ratio	Lower	Upper
237	100		
235	62.6	50.4	75.6
272	13.1	10.9	16.3



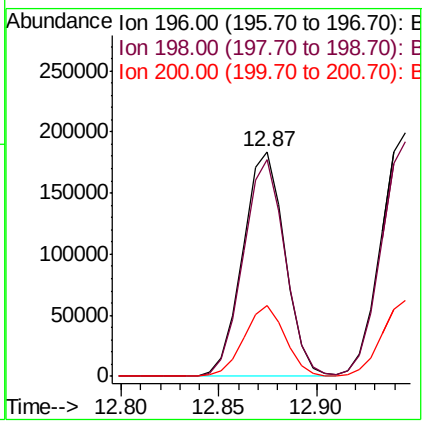


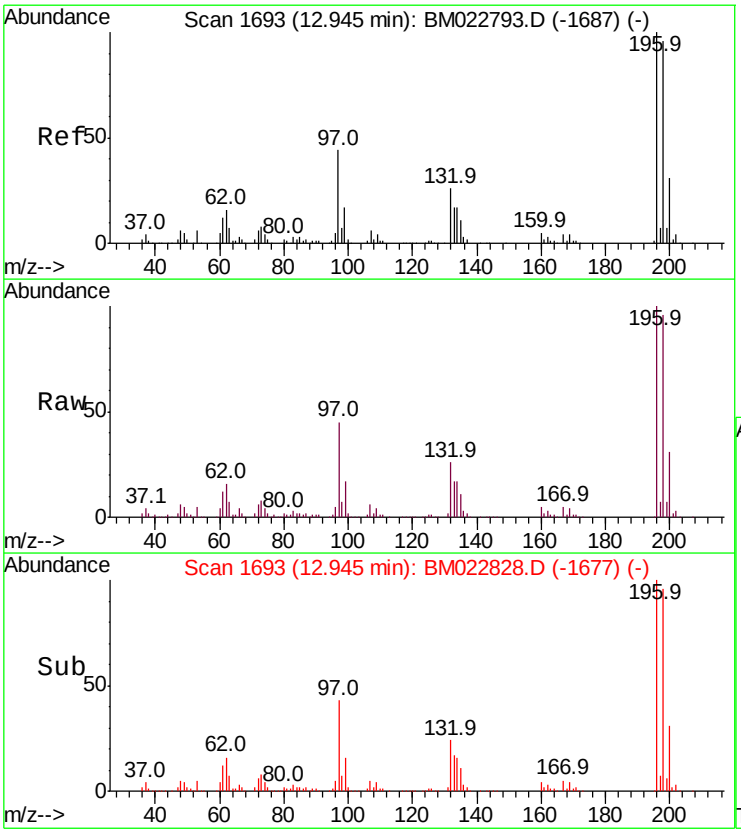
#39
2,4,6-Trichlorophenol
Concen: 19.217 ng/ul
RT: 12.87 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:196 Resp: 274716

Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.5	114.7
200	31.3	25.0	37.6

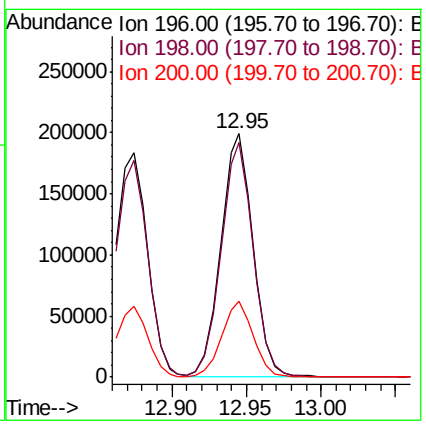


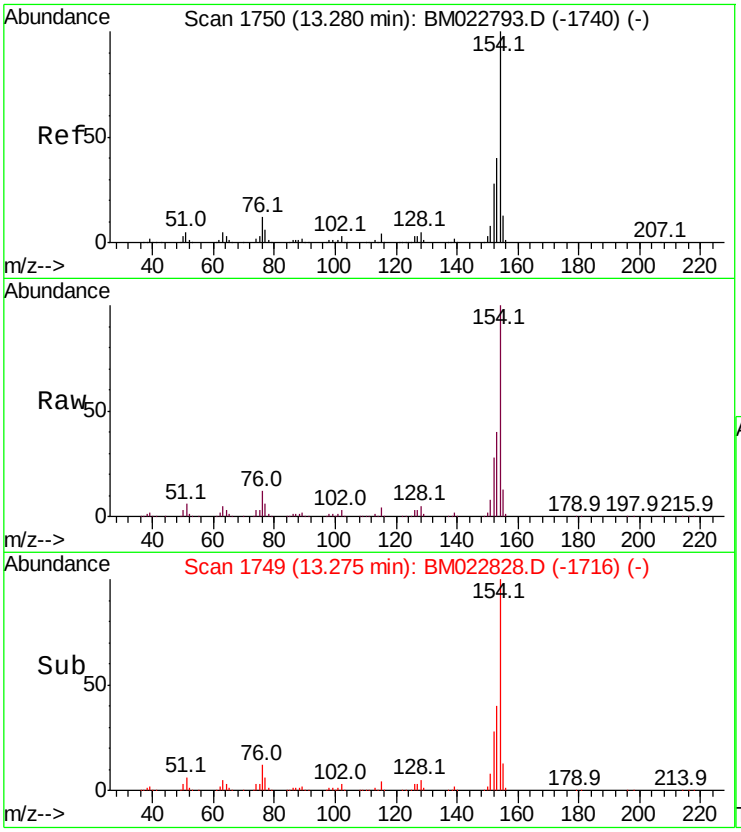


#40
2,4,5-Trichlorophenol
Concen: 19.121 ng/ul
RT: 12.95 min Scan# 1693
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Tgt Ion:196 Resp: 298125

Ion	Ratio	Lower	Upper
196	100		
198	96.5	77.8	116.6
200	31.0	25.1	37.7



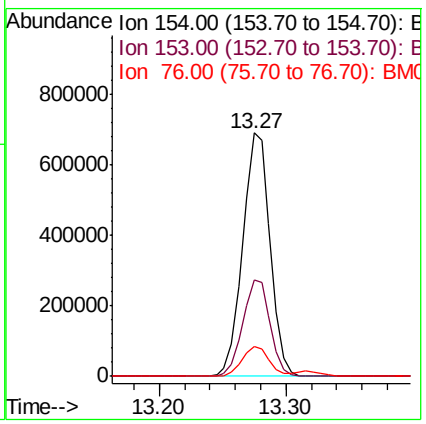


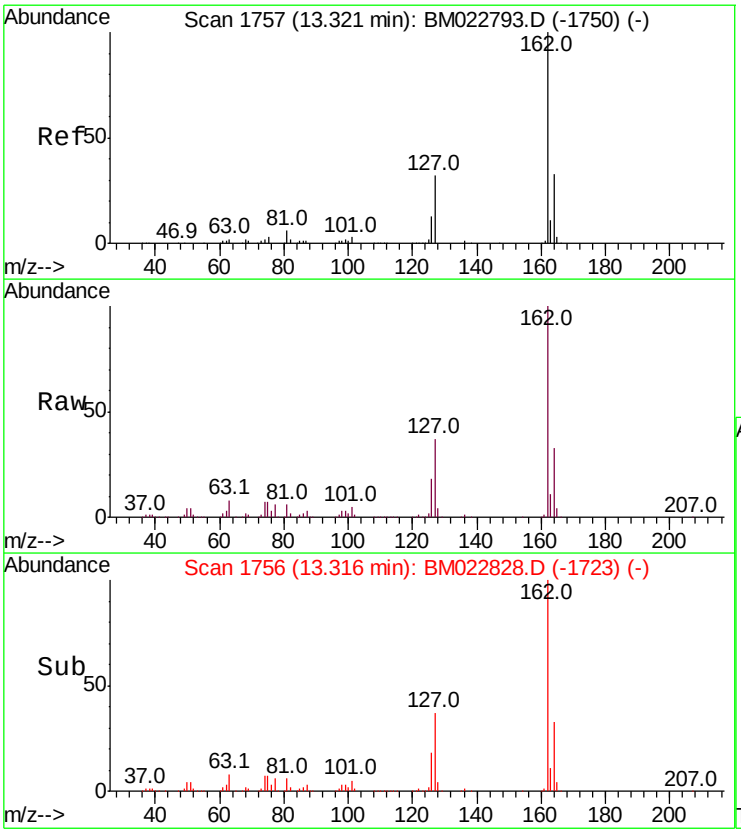
#41
1,1'-Biphenyl
Concen: 19.157 ng/ul
RT: 13.27 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 1030495

Ion	Ratio	Lower	Upper
154	100		
153	39.5	31.8	47.6
76	12.5	9.6	14.4

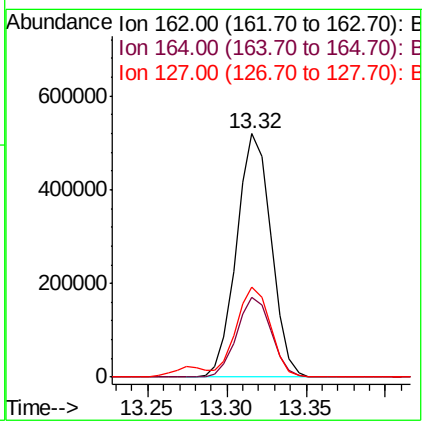


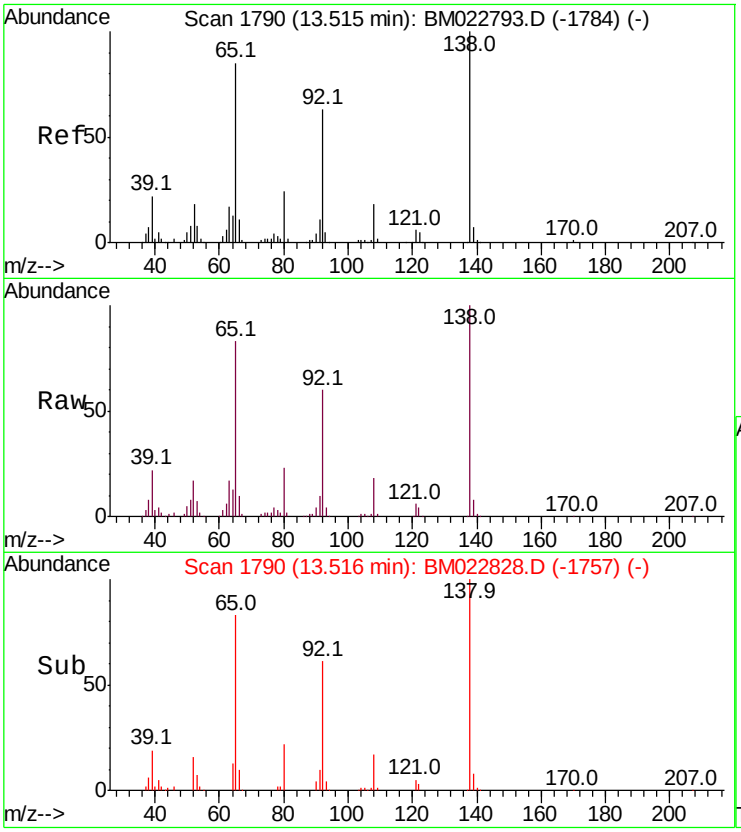


#42
2-Chloronaphthalene
Concen: 19.145 ng/ul
RT: 13.32 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Tgt Ion:162 Resp: 787324

Ion	Ratio	Lower	Upper
162	100		
164	32.6	26.5	39.7
127	37.2	29.7	44.5



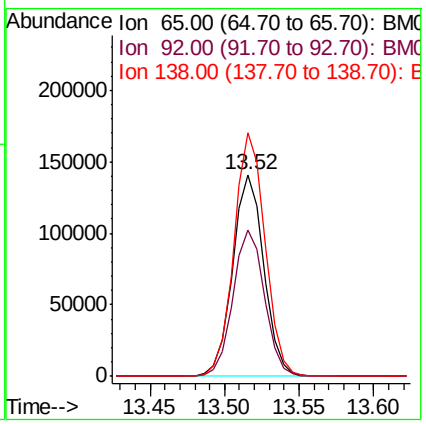


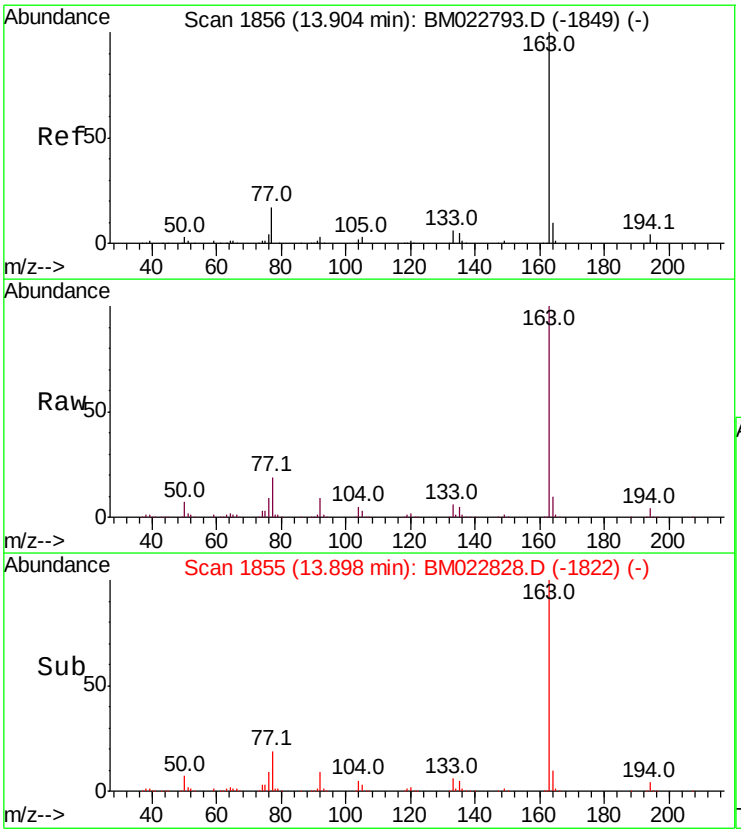
#43
2-Nitroaniline
Concen: 19.295 ng/ul
RT: 13.52 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 65 Resp: 205784

Ion	Ratio	Lower	Upper
65	100		
92	72.9	58.4	87.6
138	120.7	95.6	143.4

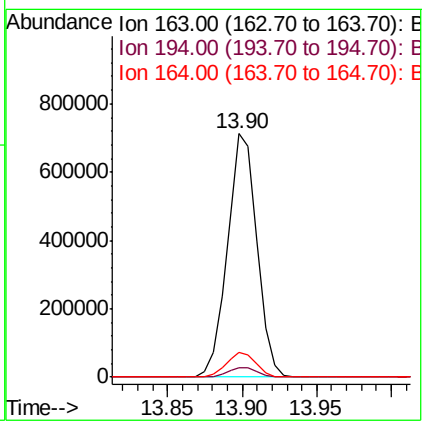


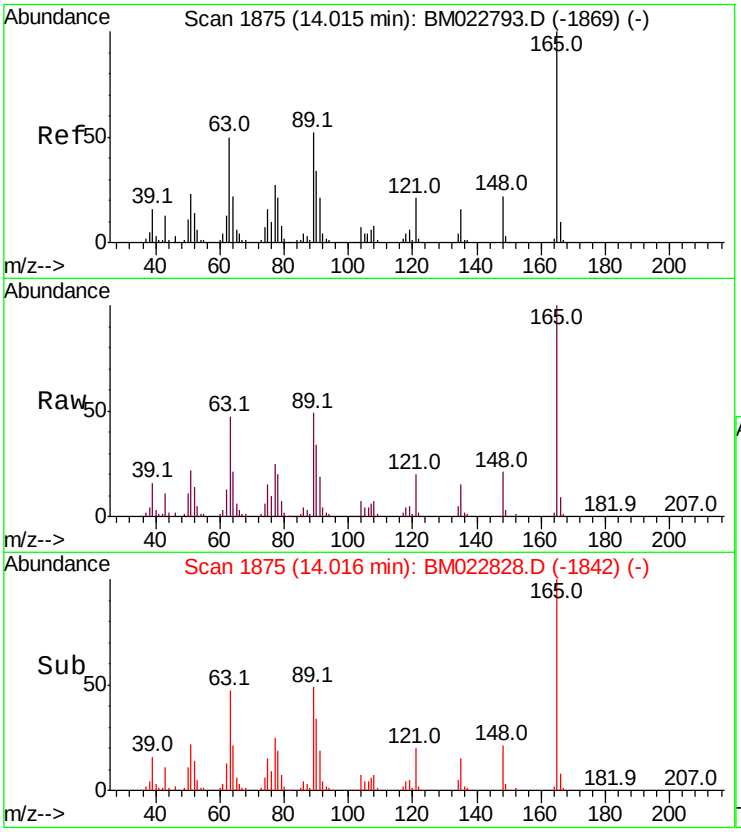


#45
Dimethylphthalate
Concen: 18.826 ng/ul
RT: 13.90 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Tgt Ion:163 Resp: 986048

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.3	8.1	12.1



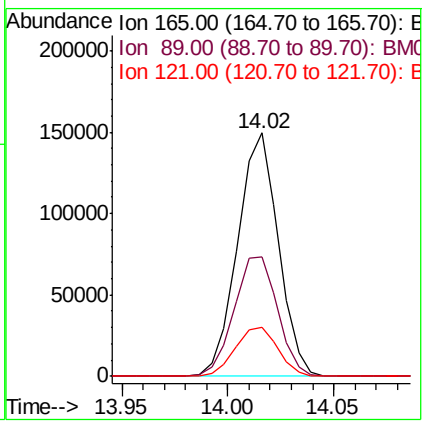


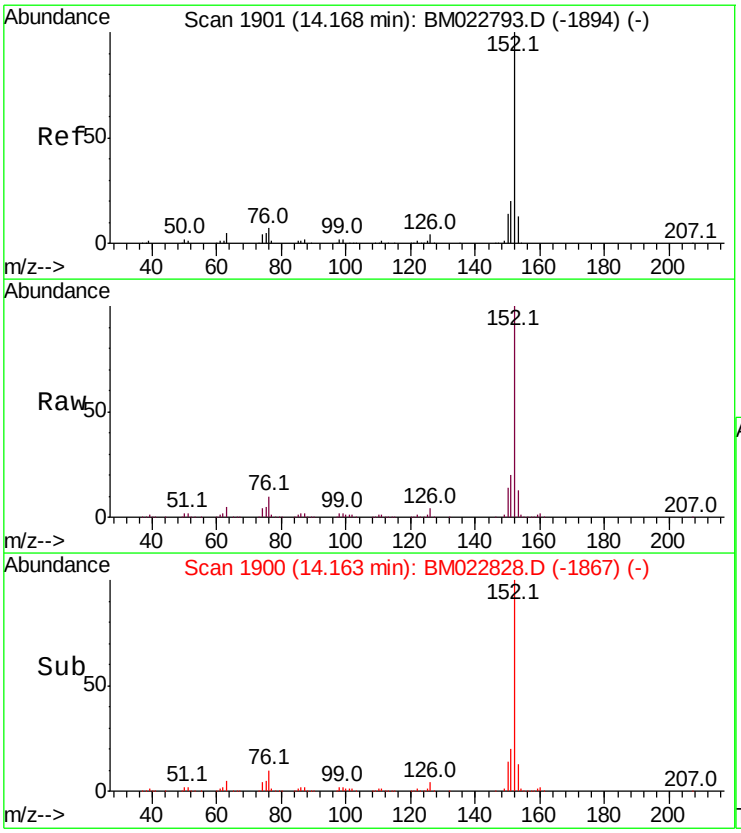
#46
2,6-Dinitrotoluene
Concen: 19.151 ng/ul
RT: 14.02 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:165 Resp: 200007

Ion	Ratio	Lower	Upper
165	100		
89	49.2	41.0	61.4
121	20.1	16.1	24.1

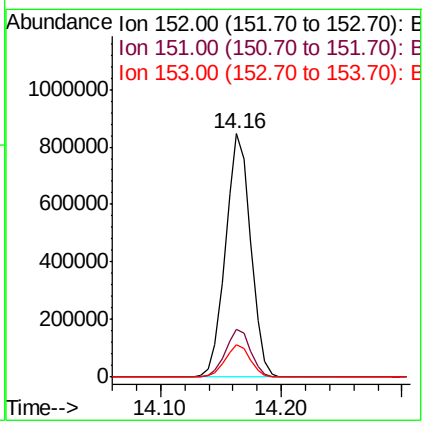


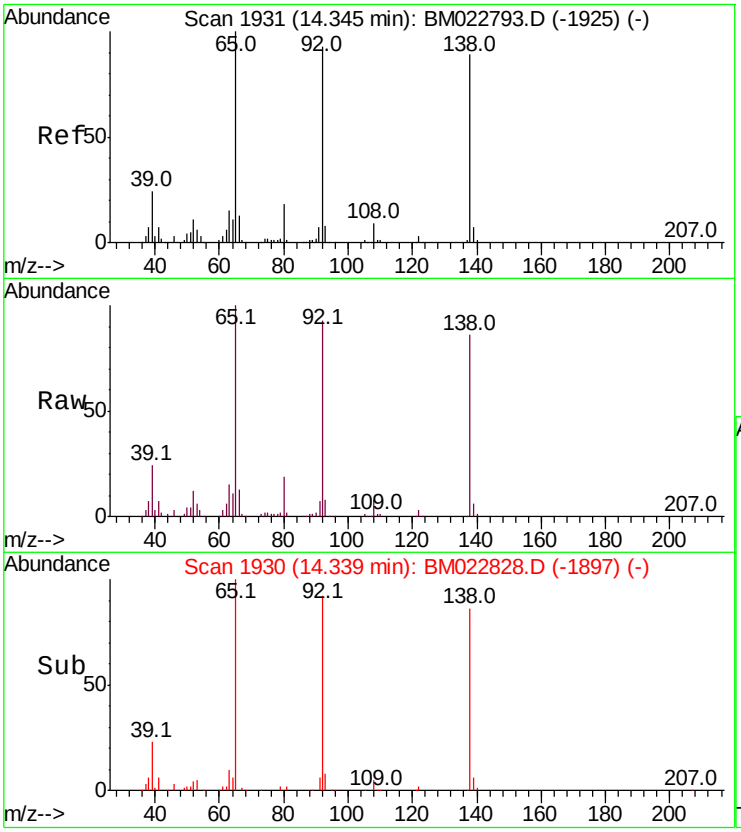


#48
Acenaphthylene
Concen: 19.198 ng/ul
RT: 14.16 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Tgt Ion:152 Resp: 1220048

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.0	24.0
153	13.1	10.6	16.0



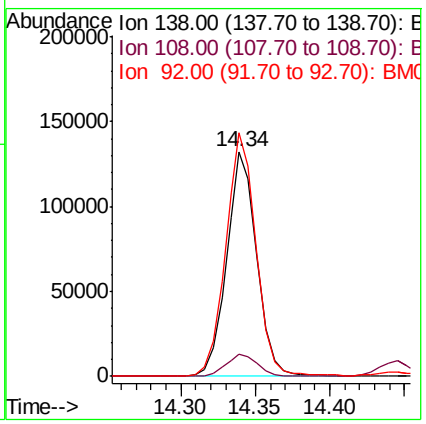


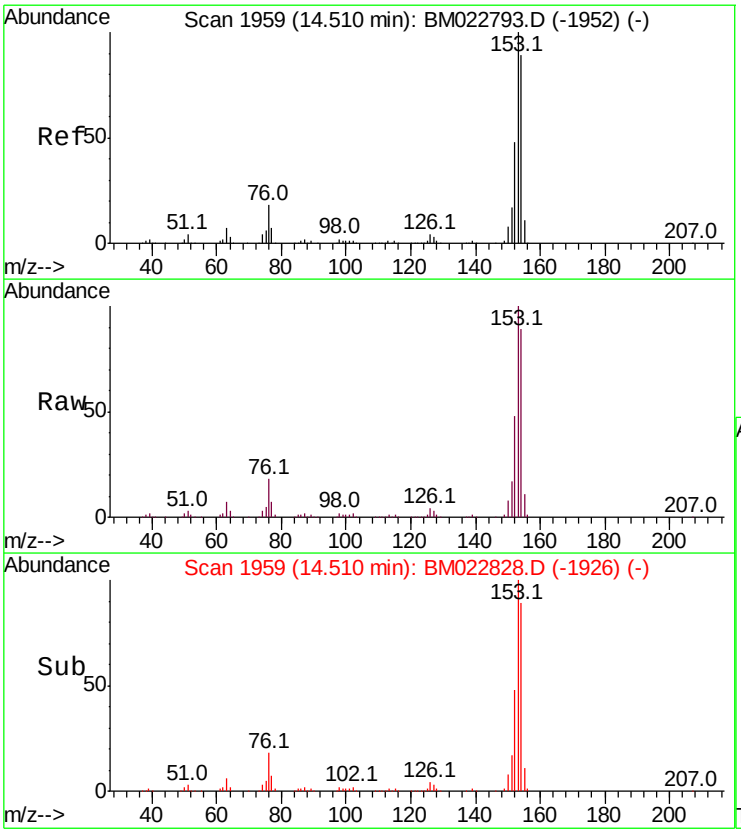
#49
3-Nitroaniline
Concen: 18.420 ng/ul
RT: 14.34 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:138 Resp: 186603

Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.2	12.2
92	108.4	87.4	131.2

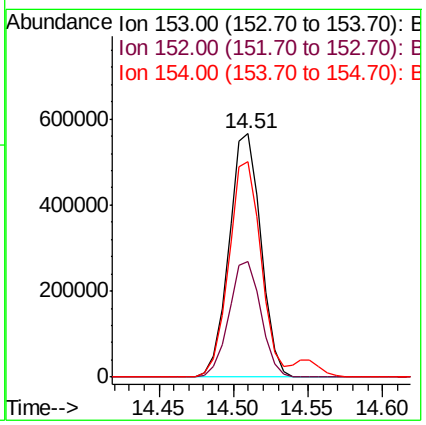


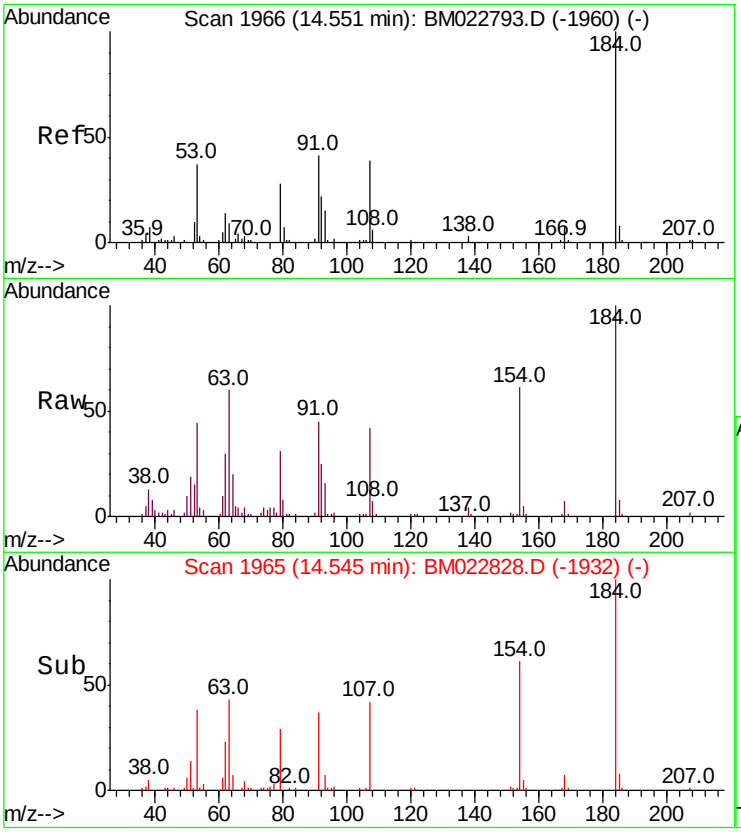


#50
Acenaphthene
Concen: 19.092 ng/ul
RT: 14.51 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Tgt Ion:153 Resp: 845225

Ion	Ratio	Lower	Upper
153	100		
152	47.7	38.1	57.1
154	88.6	71.1	106.7



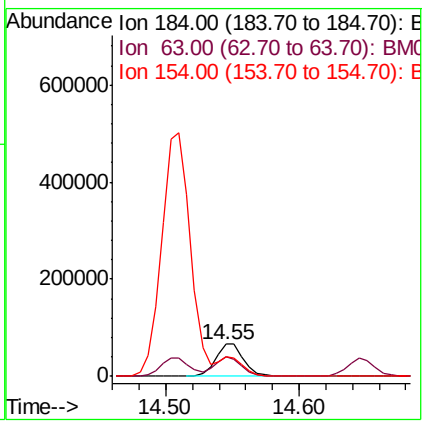


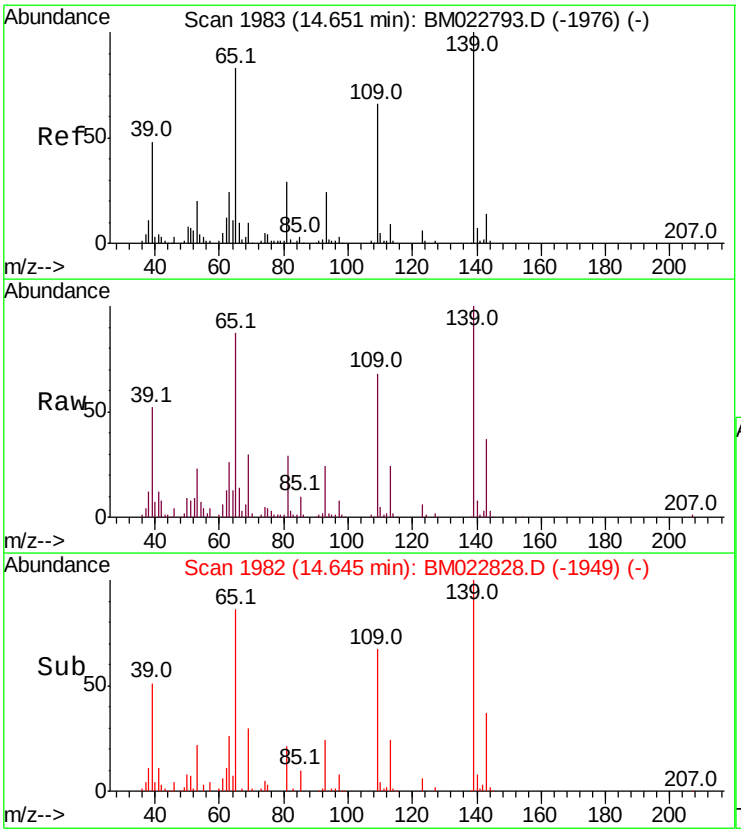
#51
2,4-Dinitrophenol
Concen: 14.864 ng/ul
RT: 14.55 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:184 Resp: 99070

Ion	Ratio	Lower	Upper
184	100		
63	59.7	44.6	67.0
154	60.6	47.6	71.4

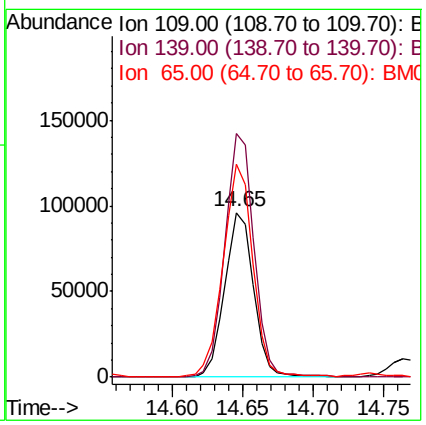


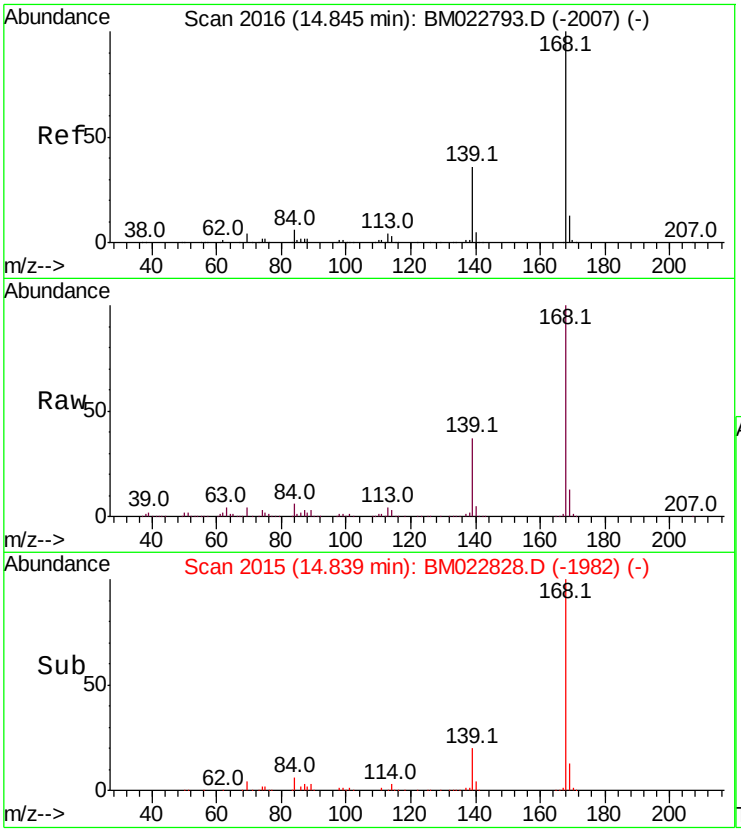


#53
4-Nitrophenol
Concen: 18.687 ng/ul
RT: 14.65 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Tgt Ion:109 Resp: 137588

Ion	Ratio	Lower	Upper
109	100		
139	147.9	119.5	179.3
65	129.2	105.0	157.4



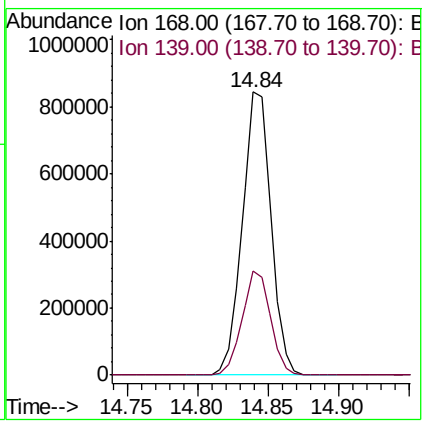


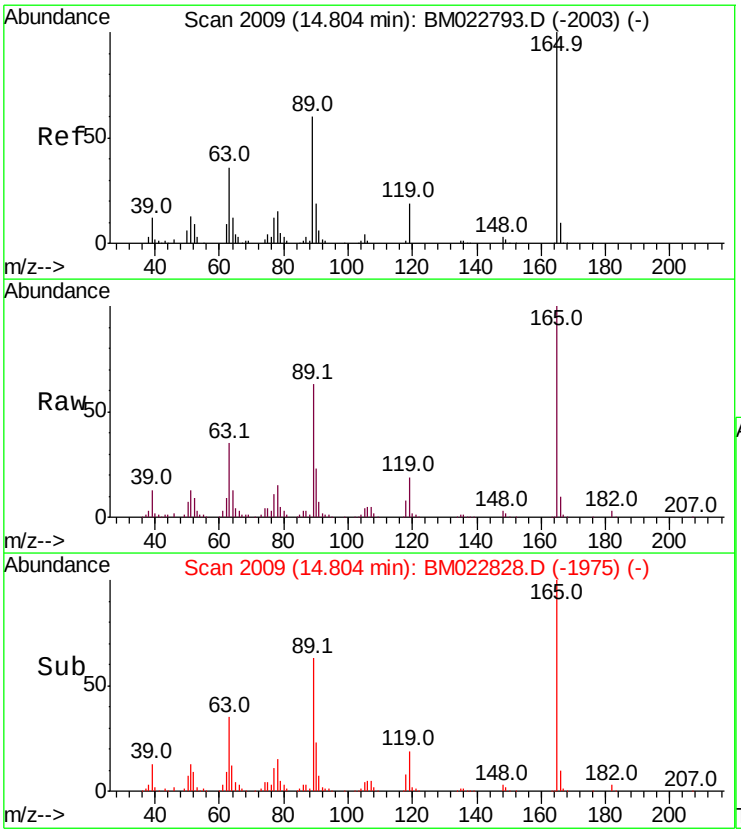
#54
Dibenzofuran
Concen: 19.040 ng/ul
RT: 14.84 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 1203873

Ion	Ratio	Lower	Upper
168	100		
139	36.7	29.0	43.4

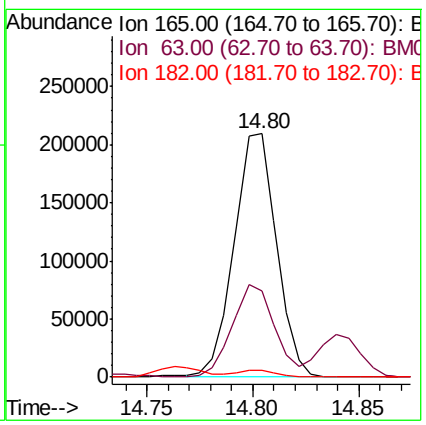


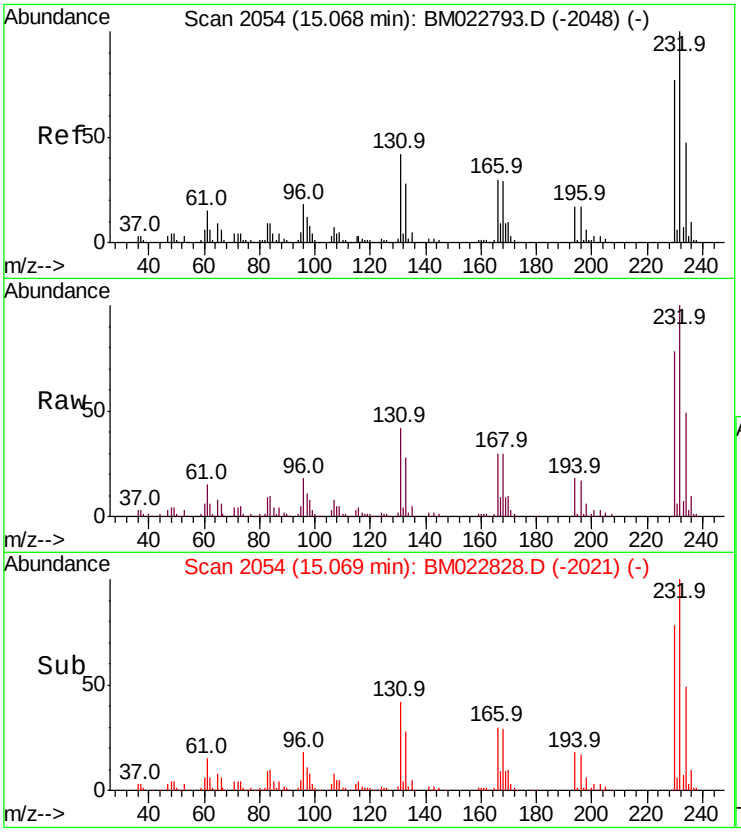


#55
2,4-Dinitrotoluene
Concen: 18.863 ng/ul
RT: 14.80 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Tgt Ion:165 Resp: 290653

Ion	Ratio	Lower	Upper
165	100		
63	35.4	29.8	44.6
182	2.7	2.2	3.4



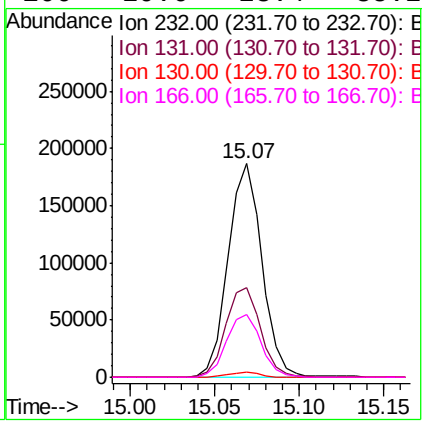


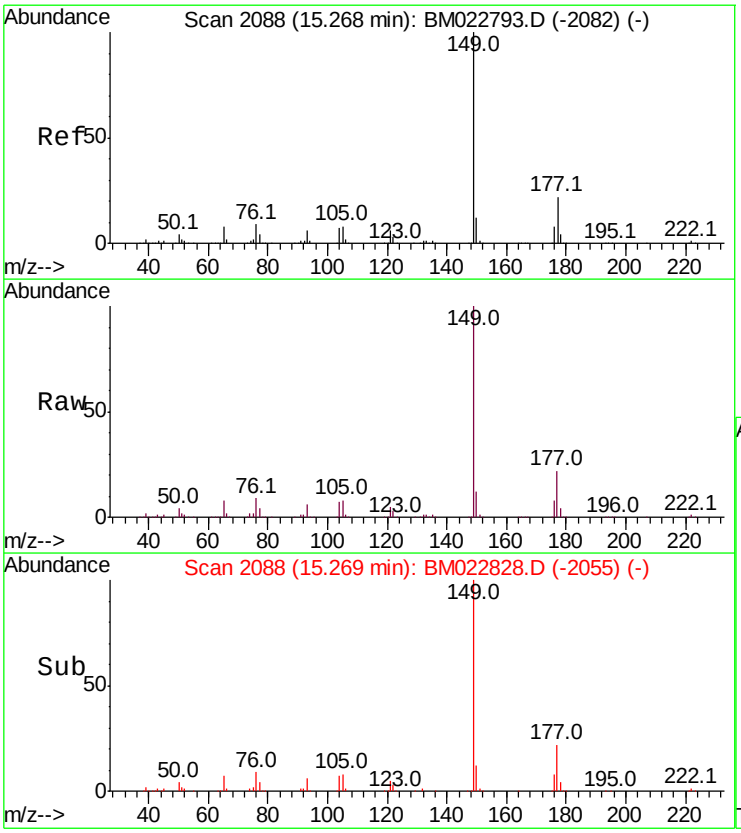
#56
2,3,4,6-Tetrachlorophenol
Concen: 19.013 ng/ul
RT: 15.07 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:232 Resp: 260820

Ion	Ratio	Lower	Upper
232	100		
131	42.0	32.5	48.7
130	2.2	1.6	2.4
166	29.6	23.4	35.2

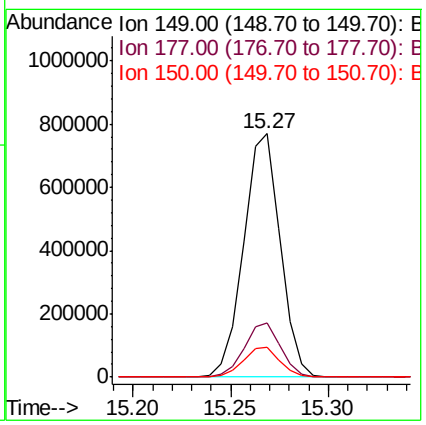


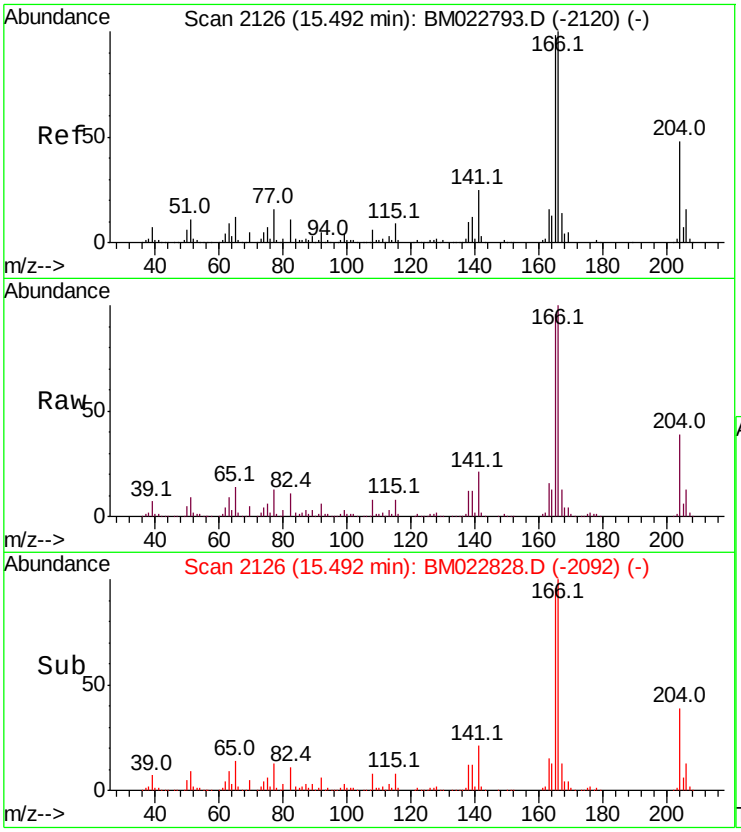


#57
Diethylphthalate
Concen: 19.061 ng/ul
RT: 15.27 min Scan# 2088
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Tgt Ion:149 Resp: 1002318

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.8	26.8
150	12.2	9.8	14.6



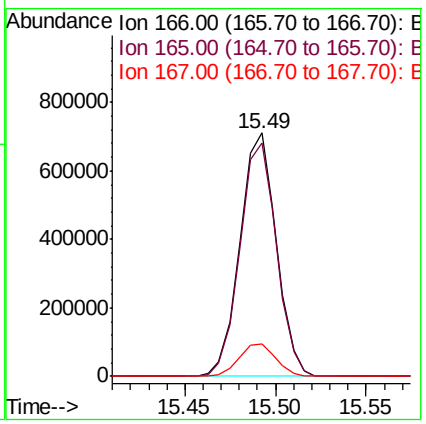


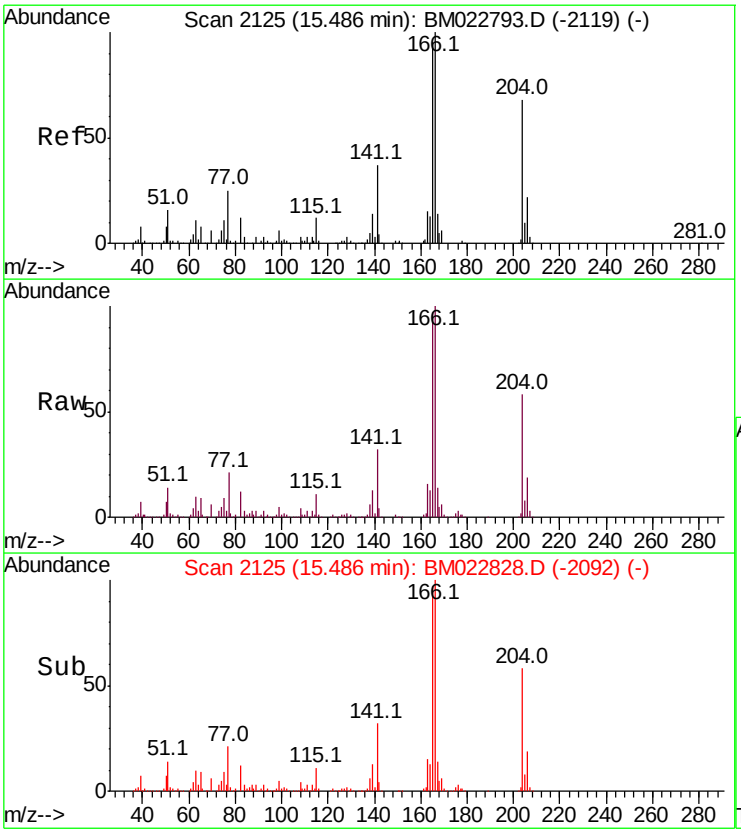
#59
Fluorene
Concen: 19.336 ng/ul
RT: 15.49 min Scan# 2126
Delta R.T. 0.00 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 988000

Ion	Ratio	Lower	Upper
166	100		
165	95.8	77.7	116.5
167	13.3	11.0	16.4

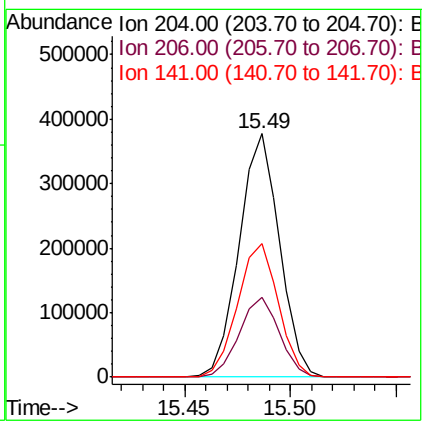


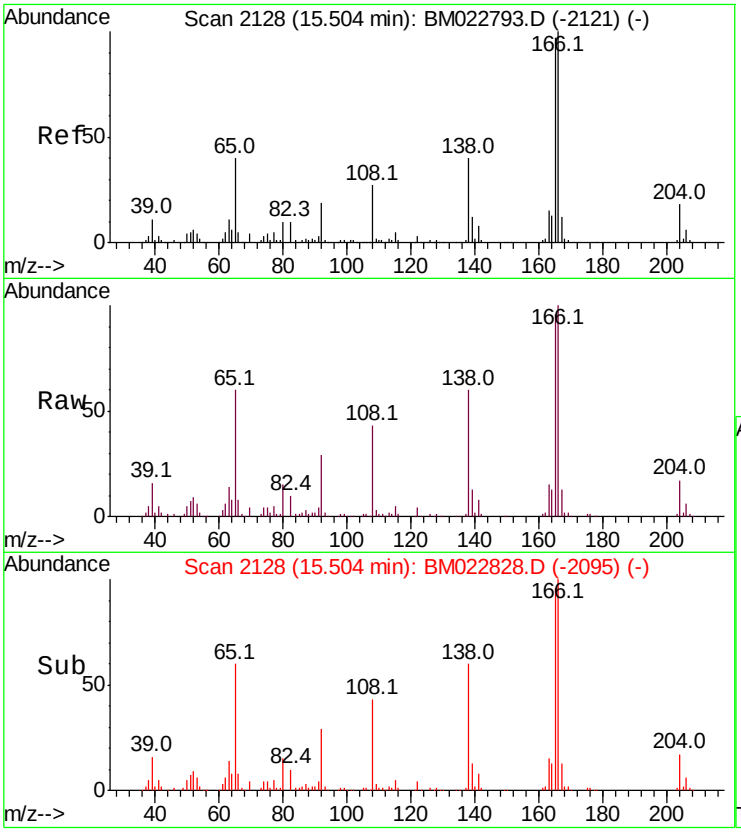


#60
4-Chlorophenyl-phenylether
Concen: 19.247 ng/ul
RT: 15.49 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Tgt Ion:204 Resp: 498506

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.6	40.0
141	54.9	42.7	64.1



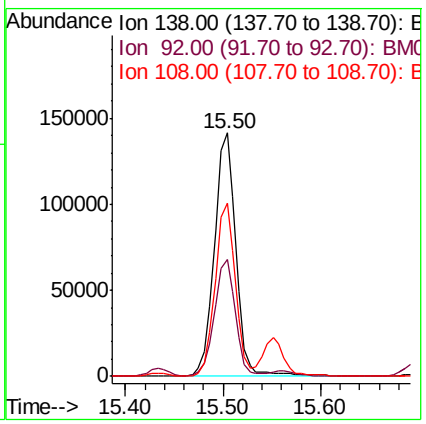


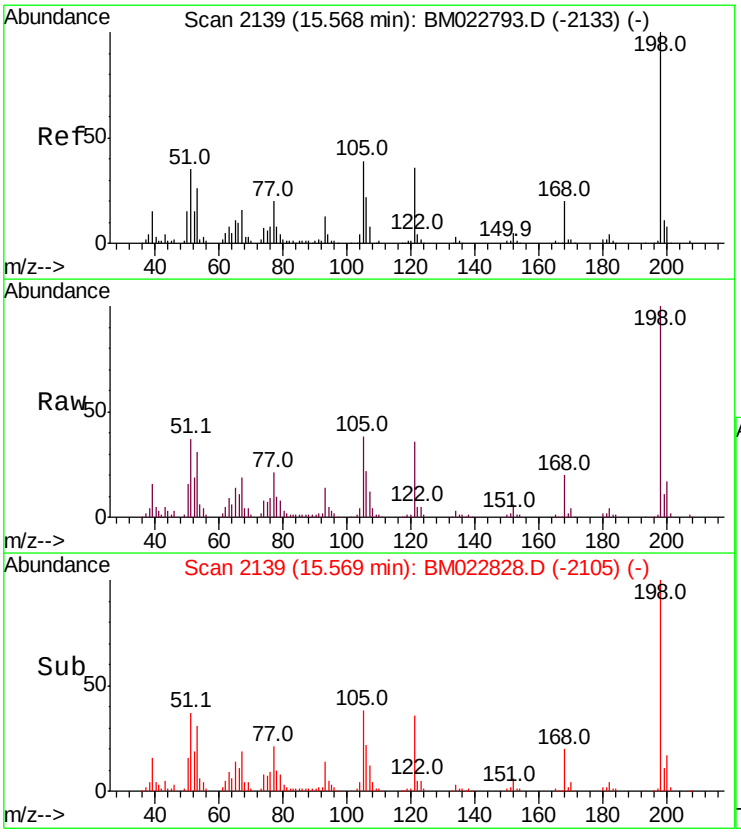
#61
4-Nitroaniline
Concen: 18.937 ng/ul
RT: 15.50 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:138 Resp: 216713

Ion	Ratio	Lower	Upper
138	100		
92	47.8	37.0	55.4
108	71.3	55.5	83.3

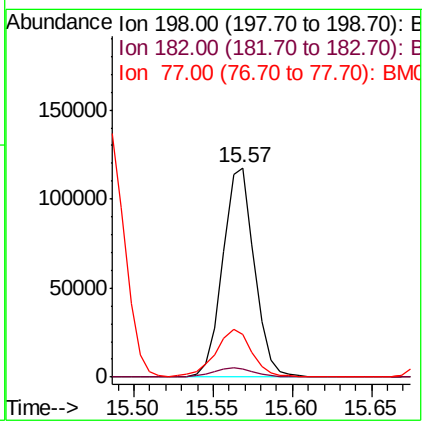


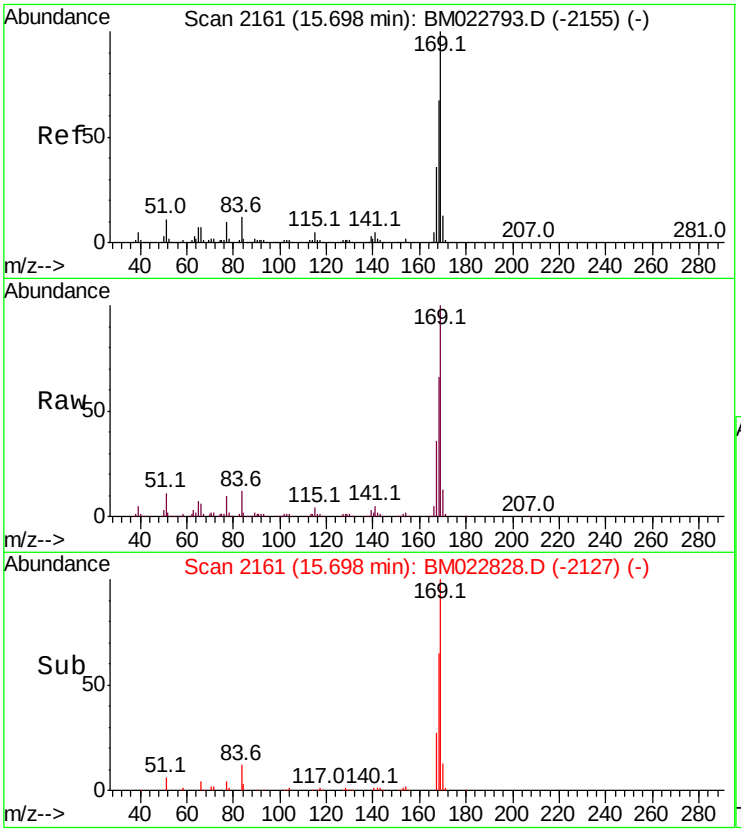


#64
4,6-Dinitro-2-methylphenol
Concen: 16.251 ng/ul
RT: 15.57 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Tgt Ion:198 Resp: 162390

Ion	Ratio	Lower	Upper
198	100		
182	4.1	3.4	5.0
77	20.7	18.6	27.8



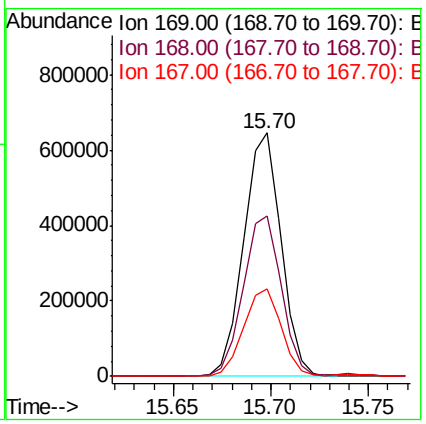


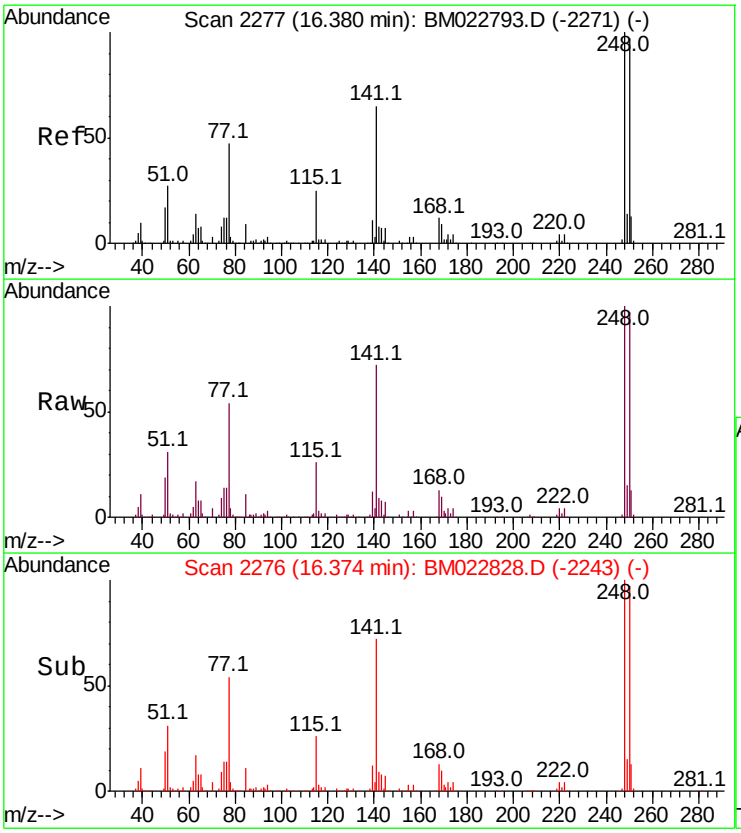
#65
N-Nitrosodiphenylamine
Concen: 18.997 ng/ul
RT: 15.70 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:169 Resp: 857325

Ion	Ratio	Lower	Upper
169	100		
168	66.0	53.2	79.8
167	36.1	28.8	43.2

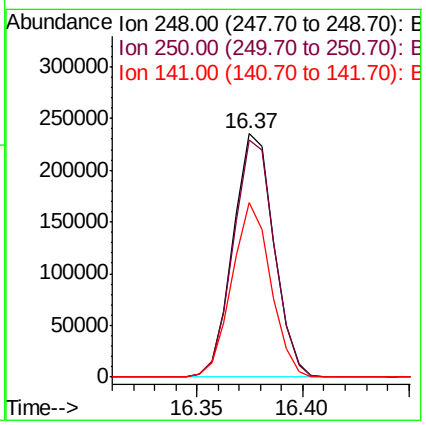


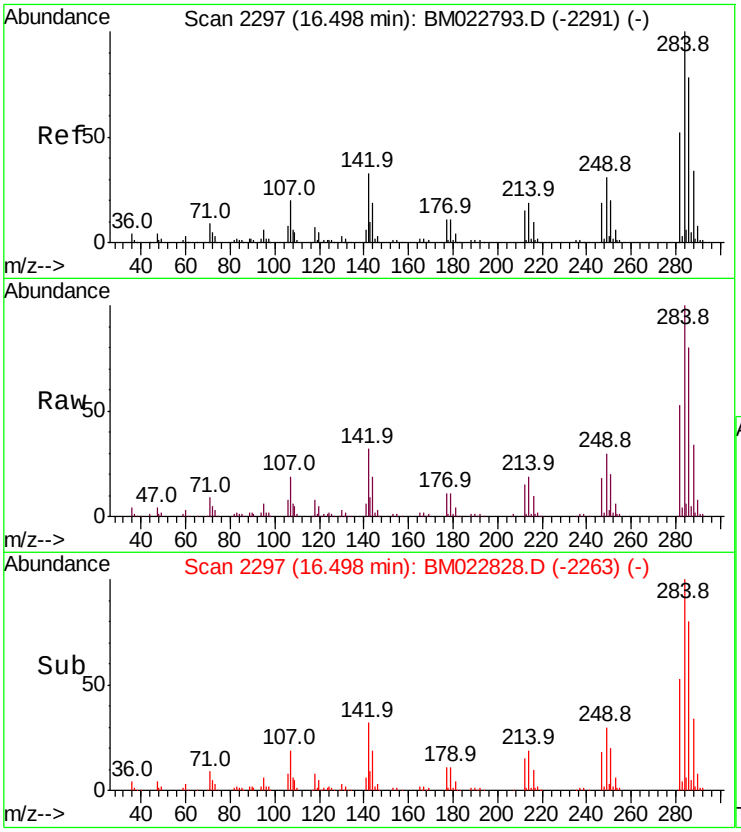


#66
4-Bromophenyl-phenylether
Concen: 19.067 ng/ul
RT: 16.37 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Tgt Ion:248 Resp: 315810

Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.5	116.3
141	71.8	53.8	80.6



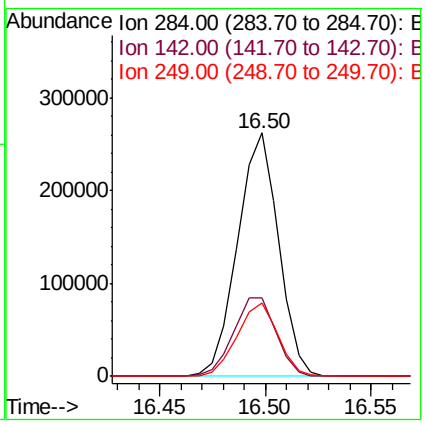


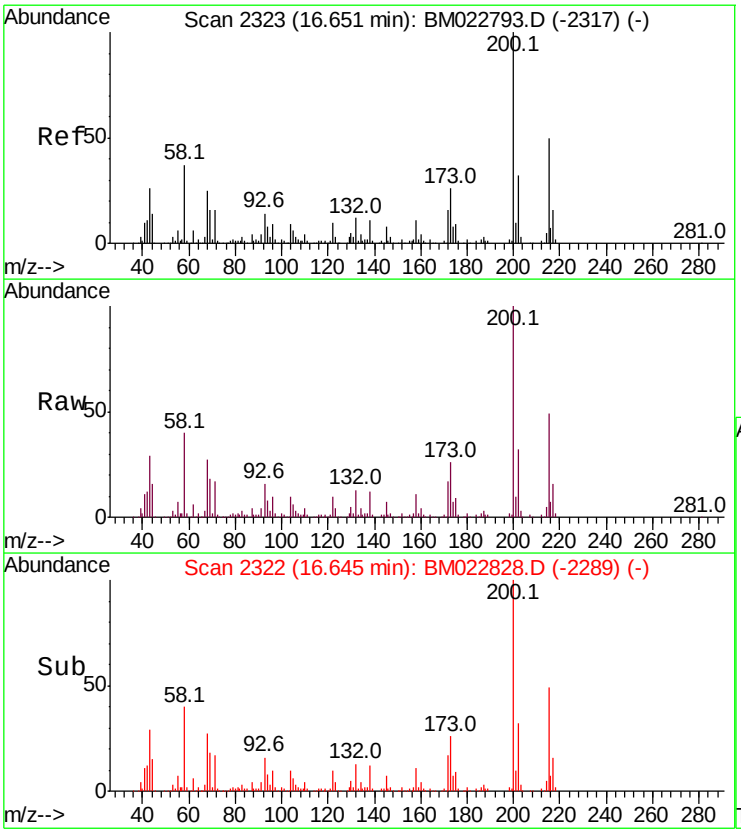
#67
Hexachlorobenzene
Concen: 19.109 ng/ul
RT: 16.50 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:284 Resp: 352903

Ion	Ratio	Lower	Upper
284	100		
142	32.2	27.8	41.6
249	30.2	24.2	36.2

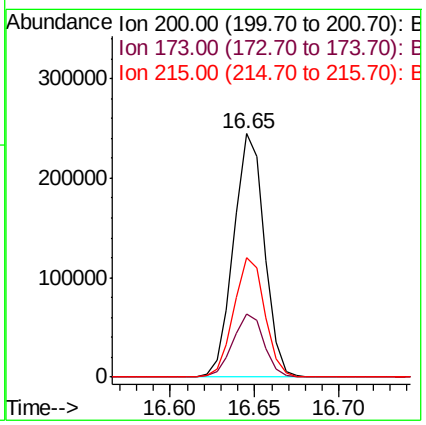


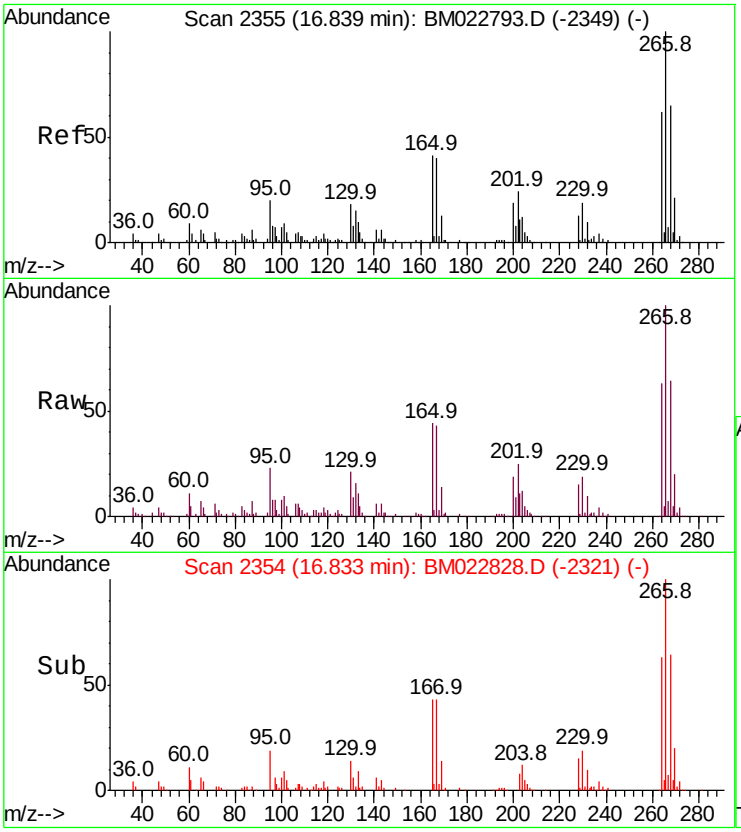


#68
Atrazine
Concen: 18.840 ng/ul
RT: 16.65 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Tgt Ion:200 Resp: 310842

Ion	Ratio	Lower	Upper
200	100		
173	26.0	21.1	31.7
215	48.9	38.9	58.3



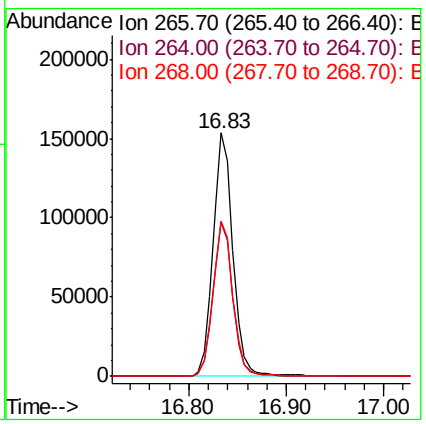


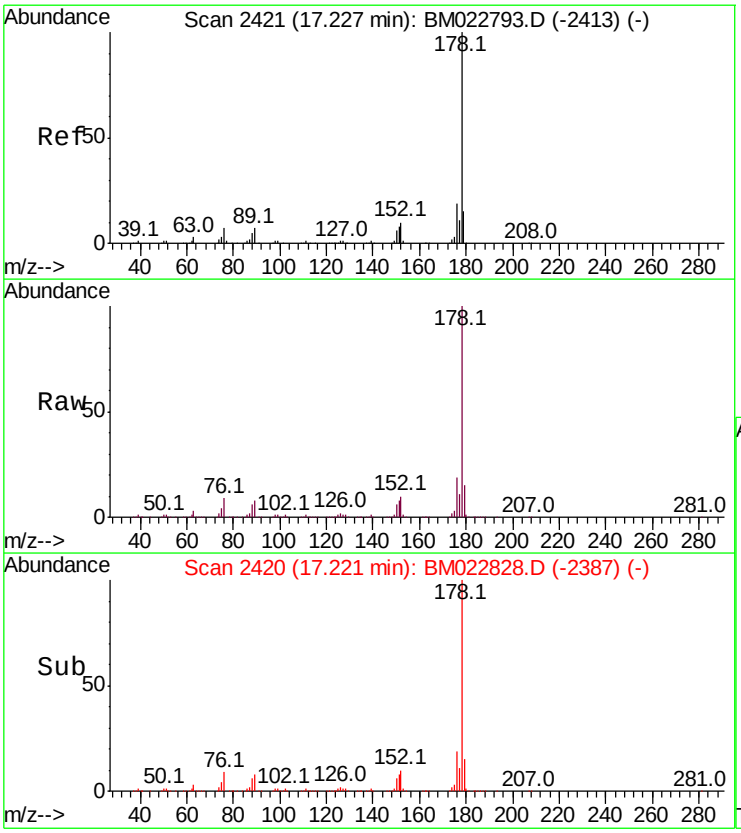
#69
Pentachlorophenol
Concen: 18.064 ng/ul
RT: 16.83 min Scan# 2354
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:266 Resp: 216421

Ion	Ratio	Lower	Upper
266	100		
264	63.4	50.8	76.2
268	63.6	51.4	77.0

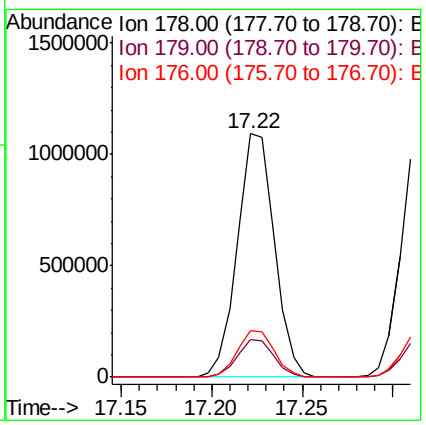


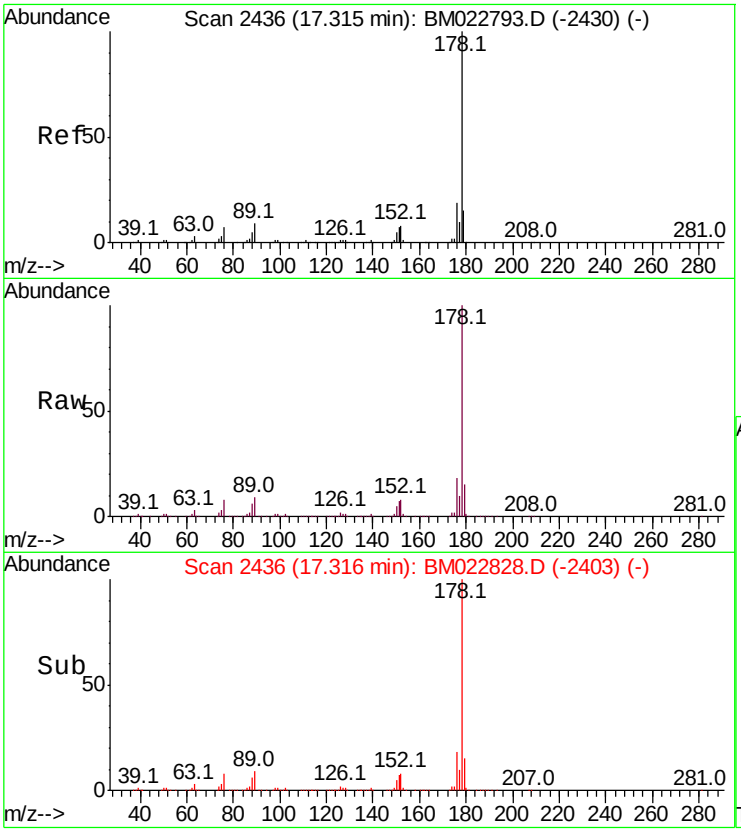


#70
Phenanthrene
Concen: 18.926 ng/ul
RT: 17.22 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Tgt Ion:178 Resp: 1550872

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	19.3	15.3	22.9



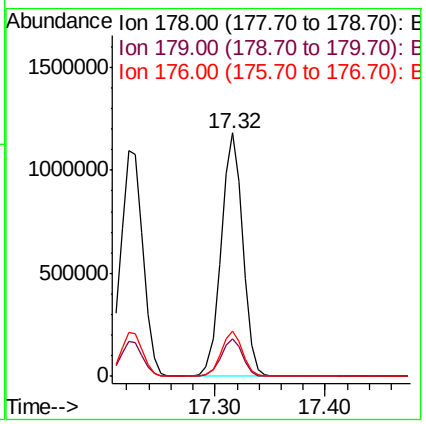


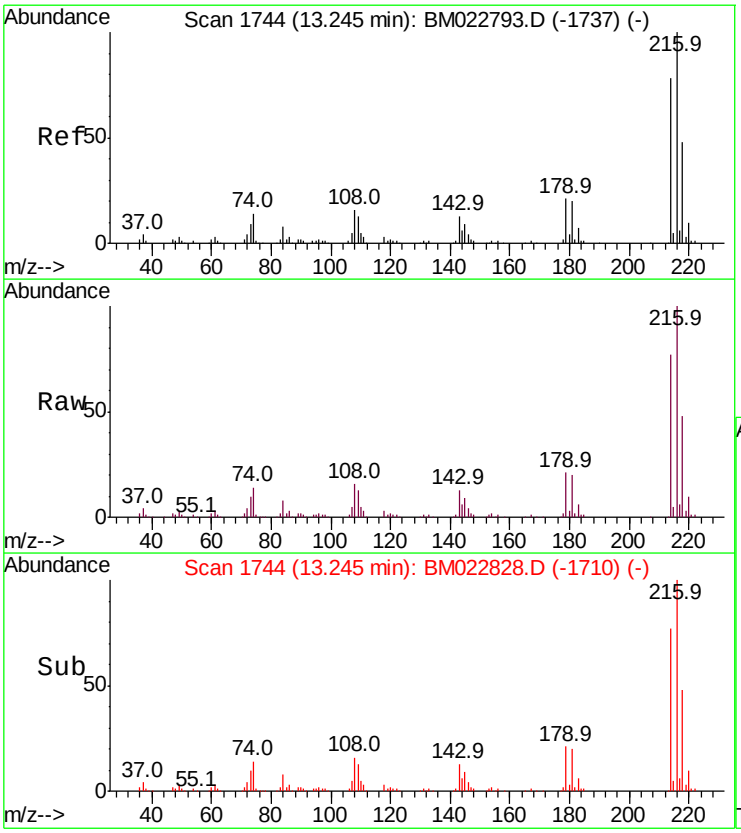
#72
Anthracene
Concen: 19.291 ng/ul
RT: 17.32 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1610729

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.4	18.6
176	18.5	15.0	22.6

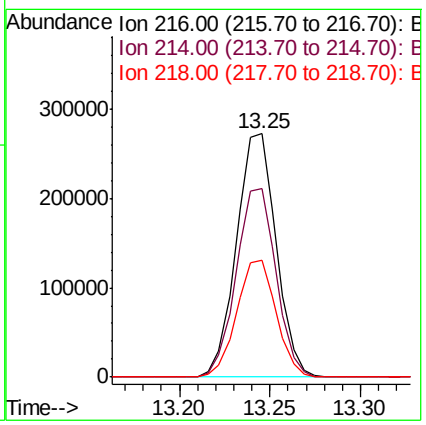


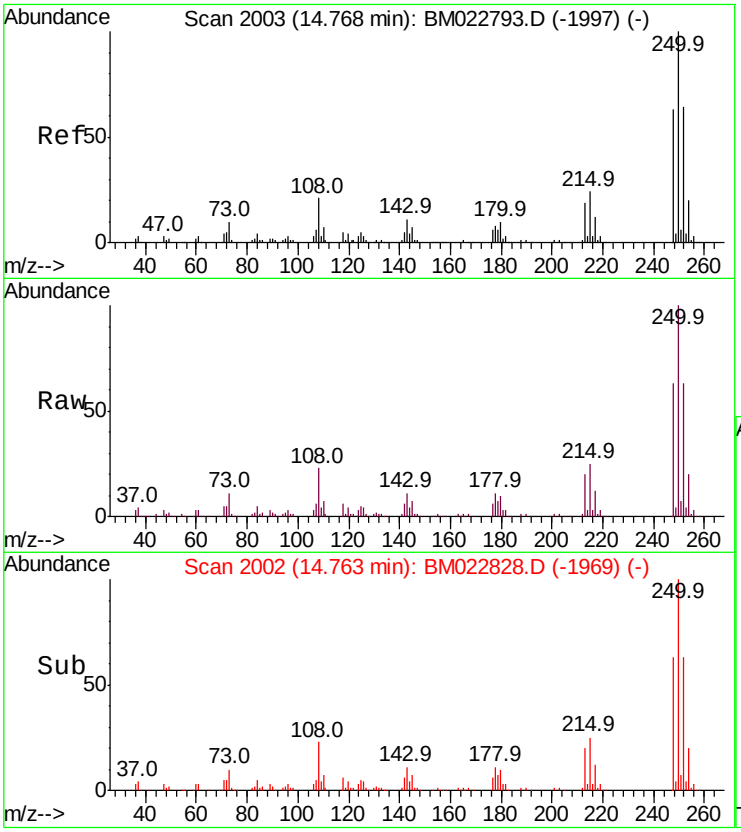


#73
1,2,3,4-Tetrachlorobenzene
Concen: 19.349 ng/uL
RT: 13.25 min Scan# 1744
Delta R.T. 0.00 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Tgt Ion:216 Resp: 414600

Ion	Ratio	Lower	Upper
216	100		
214	77.5	63.3	94.9
218	47.8	39.0	58.4



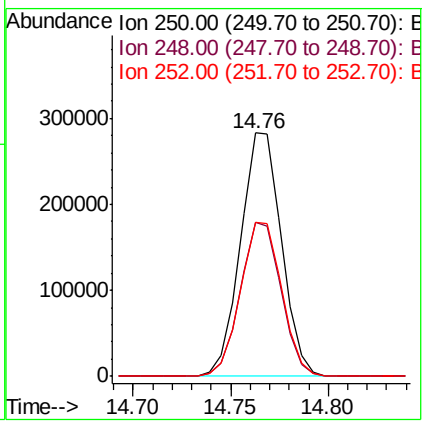


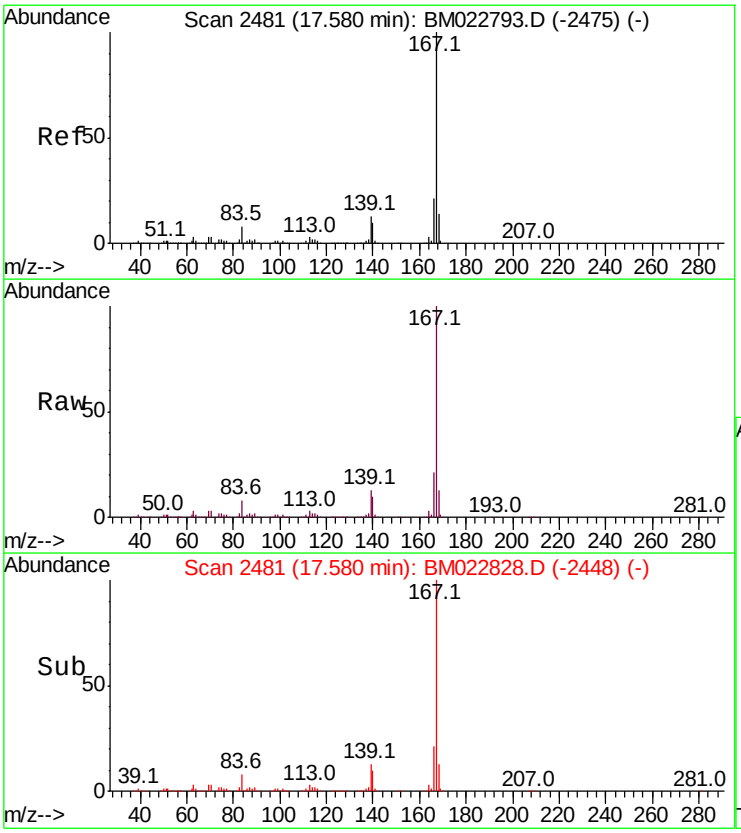
#74
Pentachlorobenzene
Concen: 19.220 ng/uL
RT: 14.76 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:250 Resp: 411077

Ion	Ratio	Lower	Upper
250	100		
248	63.4	50.6	76.0
252	63.1	51.0	76.4

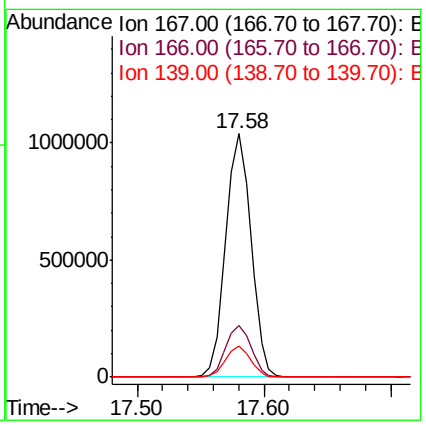


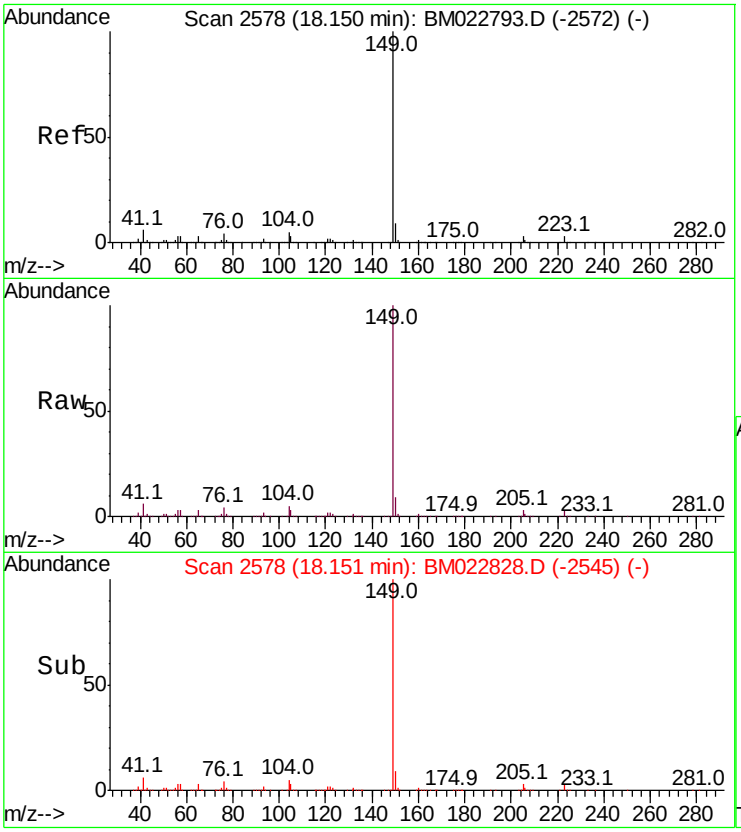


#75
Carbazole
Concen: 19.388 ng/ul
RT: 17.58 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Tgt Ion:167 Resp: 1438749

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.1	25.7
139	12.5	9.9	14.9



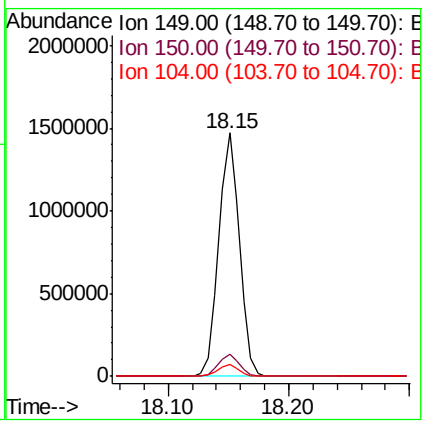


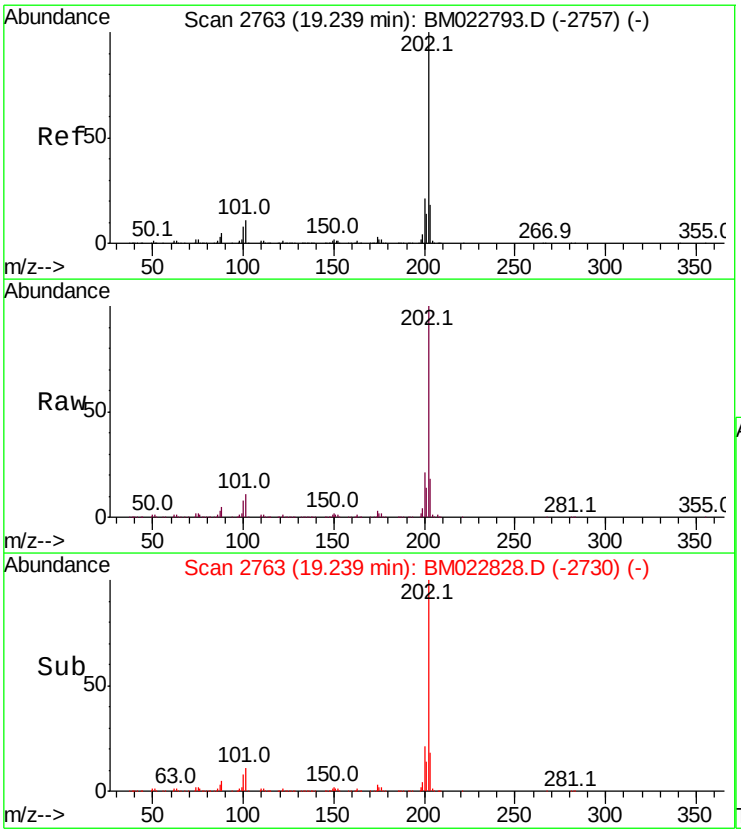
#76
Di-n-butylphthalate
Concen: 19.779 ng/ul
RT: 18.15 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 1730550

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	4.7	3.7	5.5

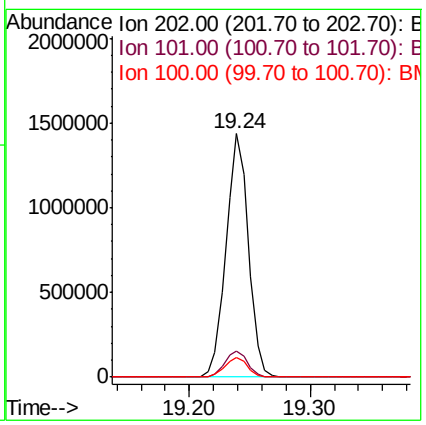


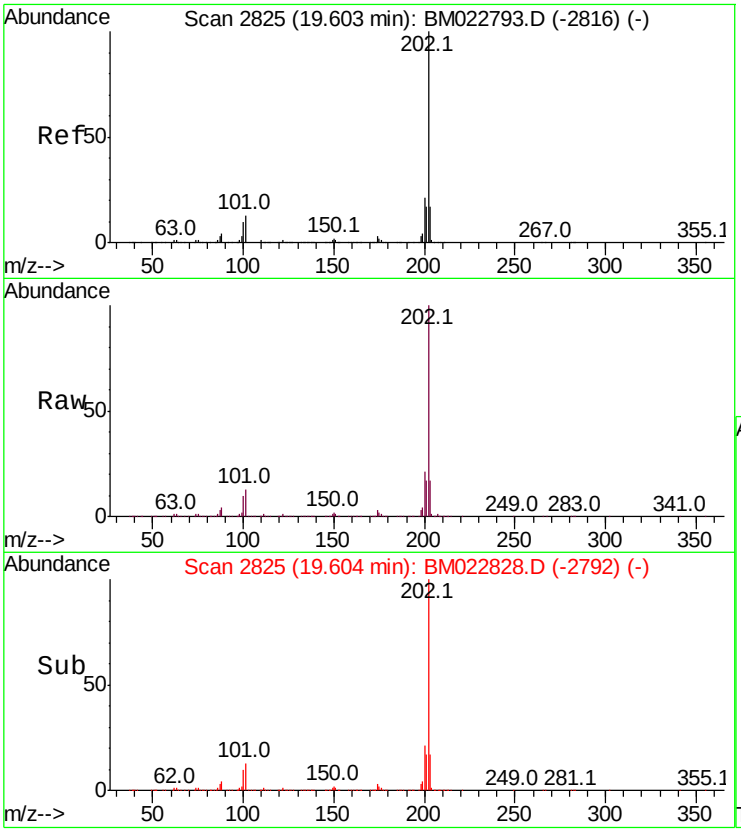


#77
Fluoranthene
Concen: 19.923 ng/ul
RT: 19.24 min Scan# 2763
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Tgt Ion:202 Resp: 1836139

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.6	12.8
100	8.2	6.4	9.6



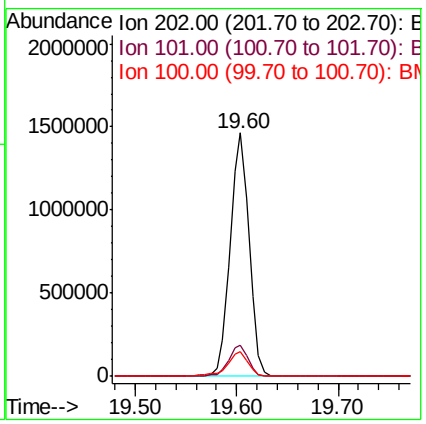


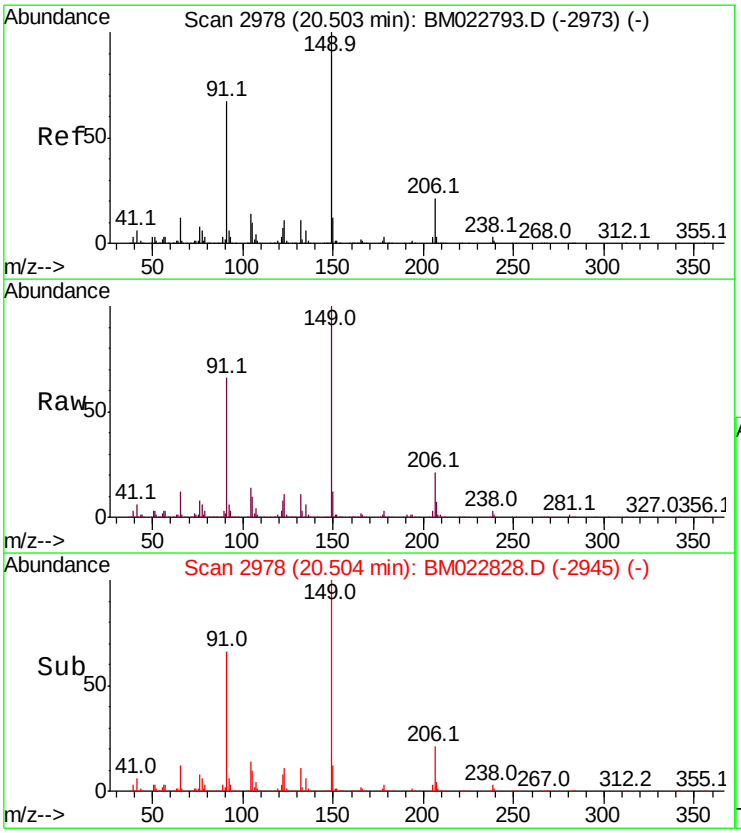
#80
Pyrene
Concen: 19.746 ng/ul
RT: 19.60 min Scan# 2825
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1891987

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.7	14.5
100	10.1	7.8	11.8

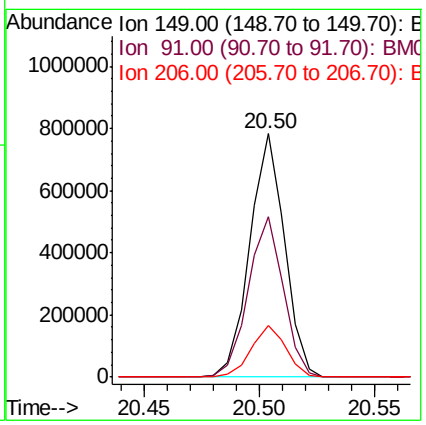


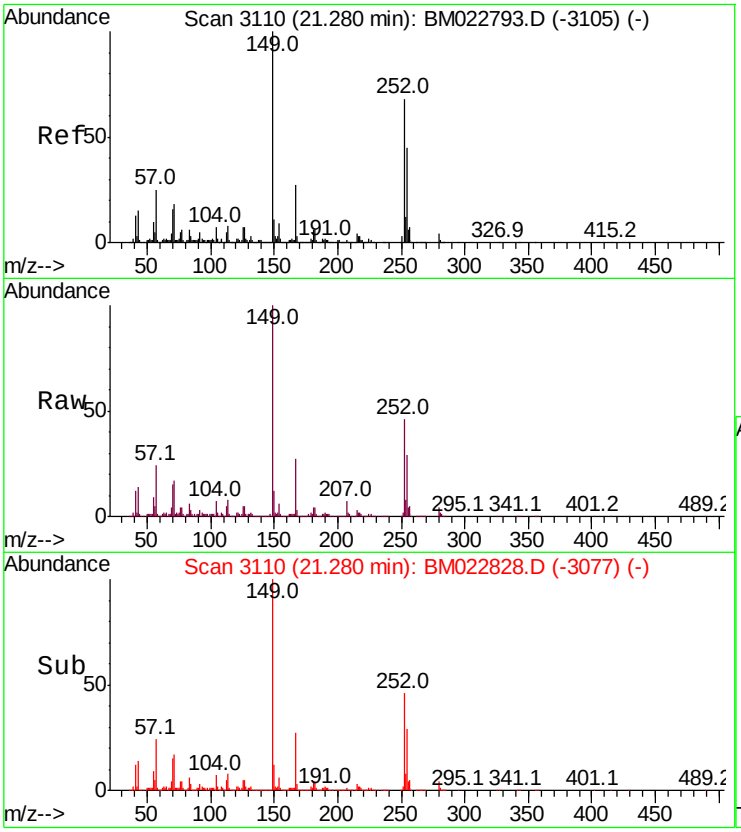


#81
Butylbenzylphthalate
Concen: 20.827 ng/ul
RT: 20.50 min Scan# 2978
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Tgt Ion:149 Resp: 820713

Ion	Ratio	Lower	Upper
149	100		
91	66.1	52.6	78.8
206	21.2	17.7	26.5



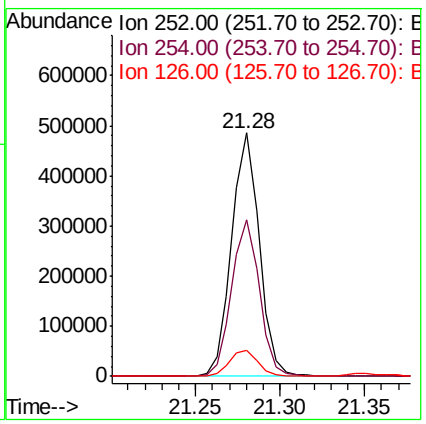


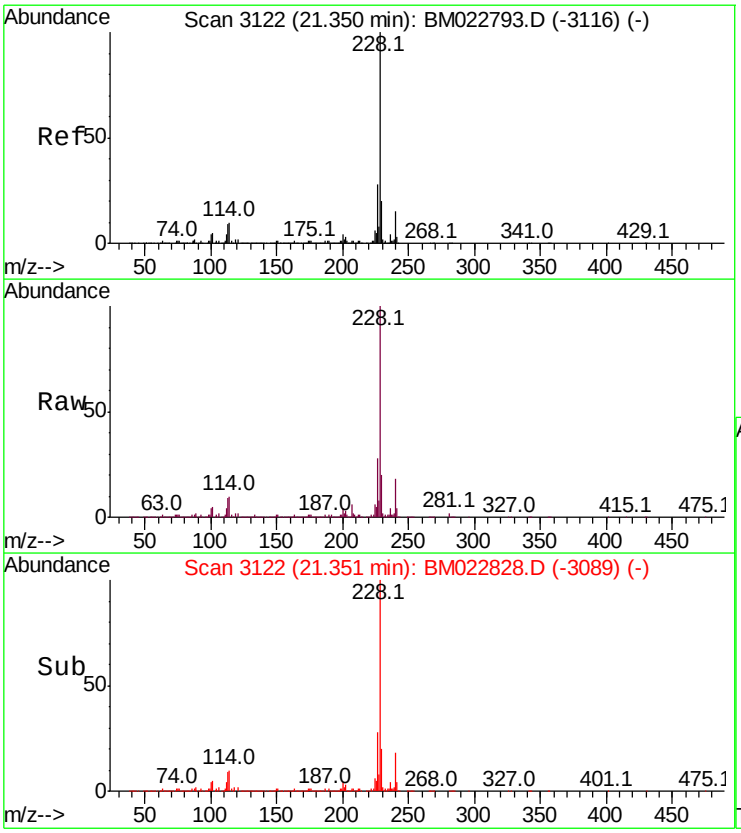
#82
3,3'-Dichlorobenzidine
Concen: 17.944 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 552497

Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.5	77.3
126	10.5	8.0	12.0

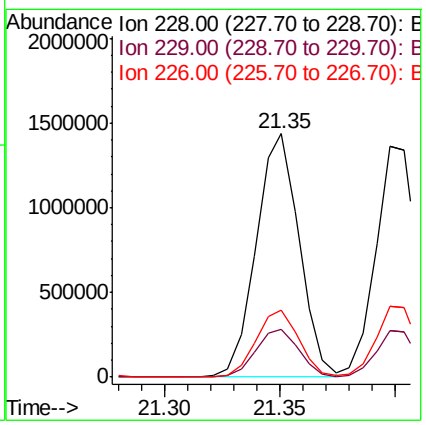


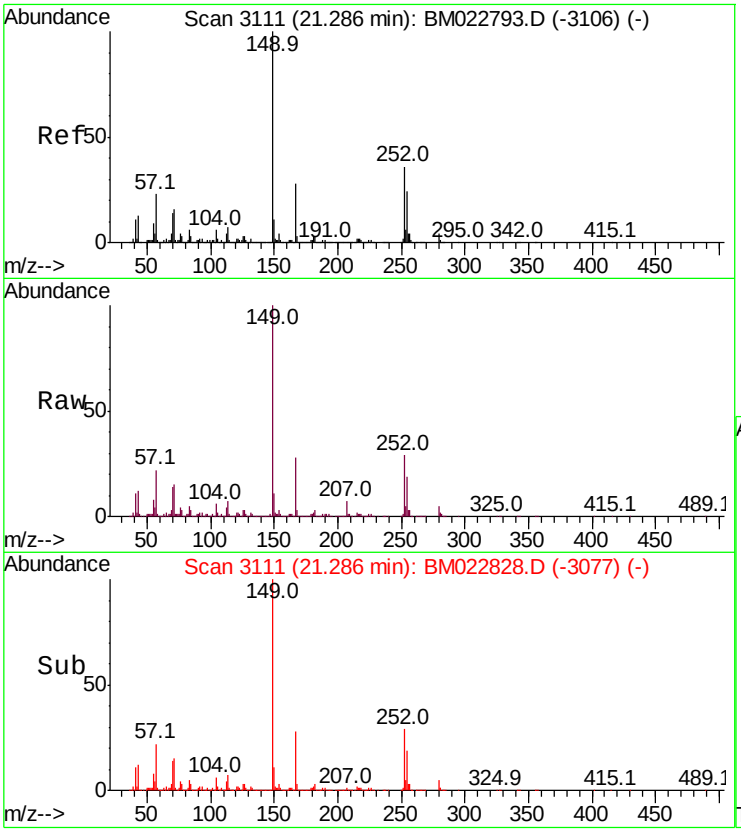


#83
Benzo(a)anthracene
Concen: 19.137 ng/ul
RT: 21.35 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Tgt Ion:228 Resp: 1857100

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.8	23.8
226	27.6	22.4	33.6



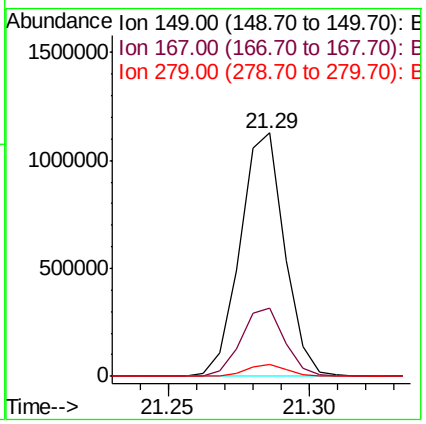


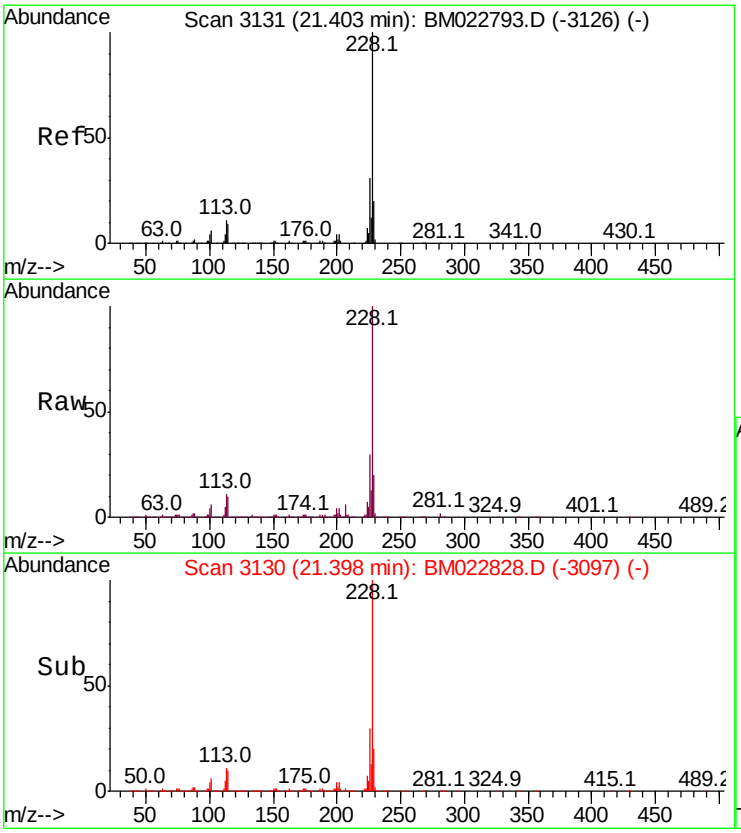
#84
Bis(2-ethylhexyl)phthalate
Concen: 21.929 ng/ul
RT: 21.29 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 1227777

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.1	33.1
279	4.8	3.3	4.9

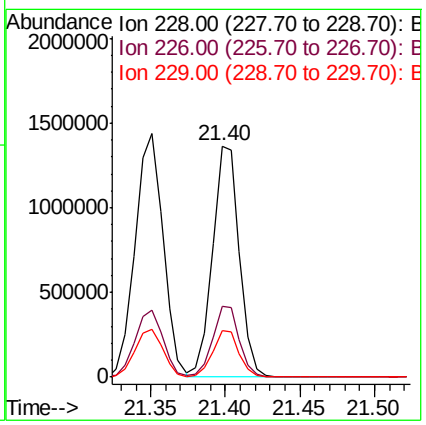


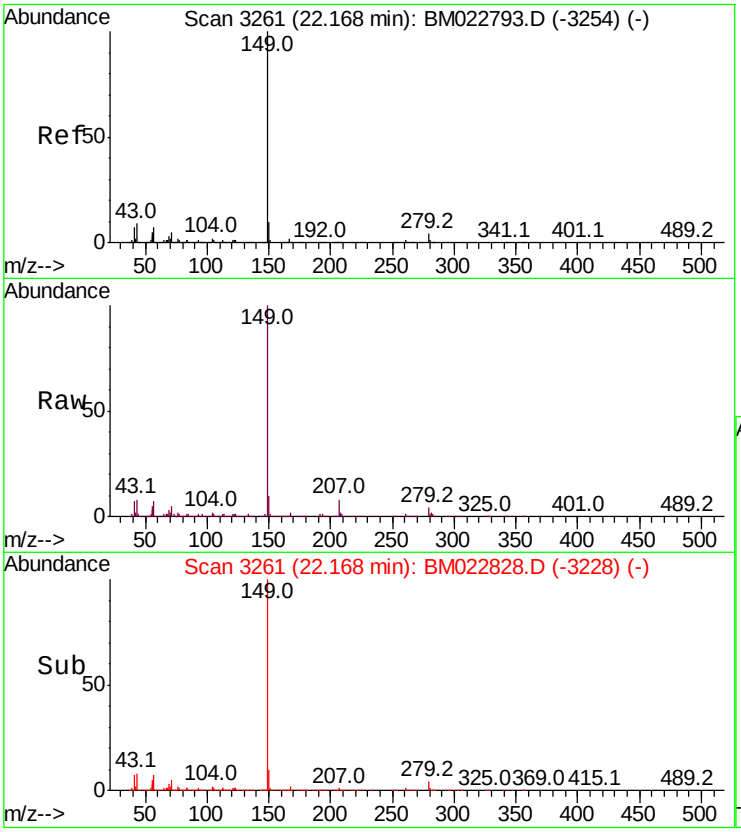


#85
Chrysene
Concen: 19.105 ng/ul
RT: 21.40 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Tgt Ion:228 Resp: 1709329

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.4
229	19.8	15.9	23.9

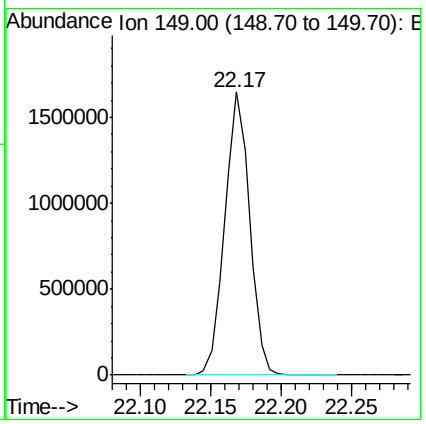


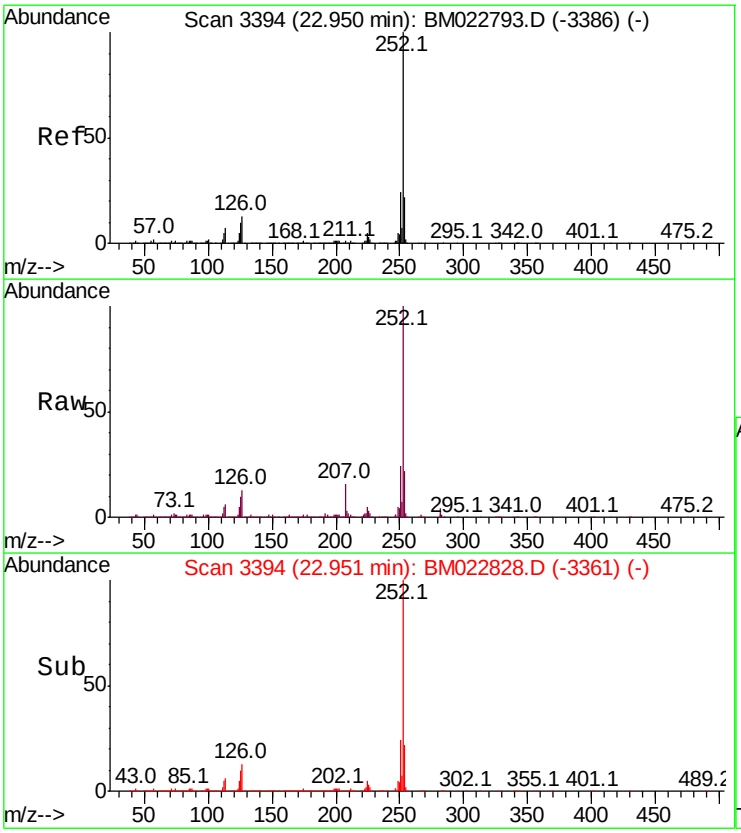


#87
Di-n-octyl phthalate
Concen: 24.672 ng/ul
RT: 22.17 min Scan# 3261
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 2009474

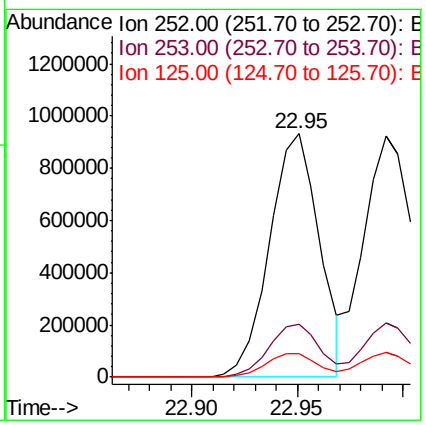


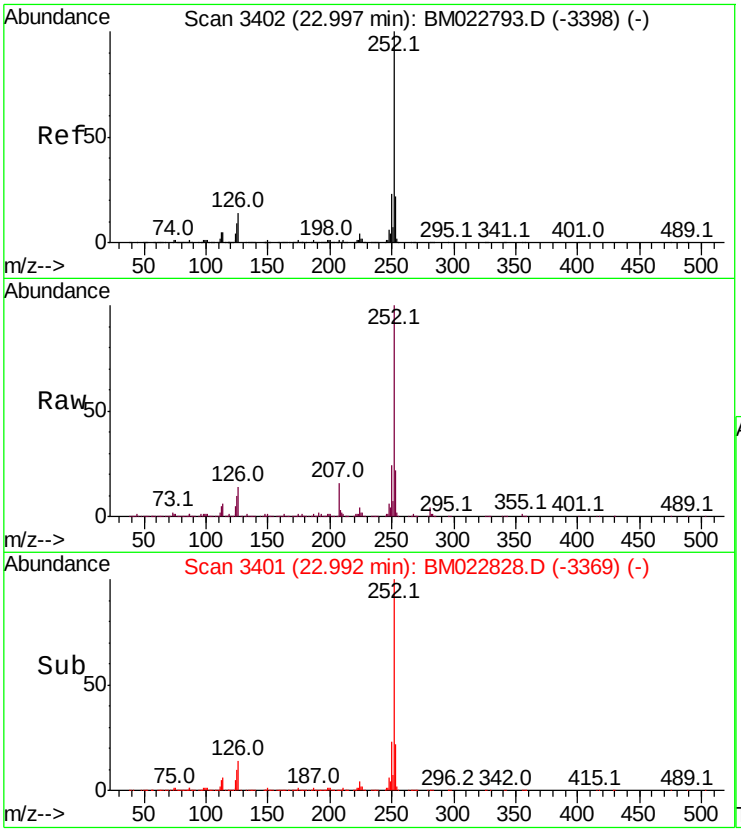


#88
Benzo(b)fluoranthene
Concen: 19.249 ng/ul
RT: 22.95 min Scan# 3394
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Tgt Ion:252 Resp: 1529793

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	9.8	8.2	12.2



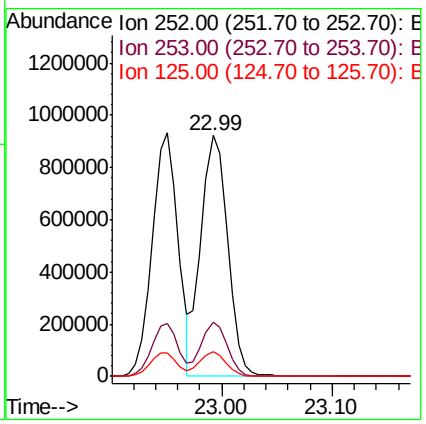


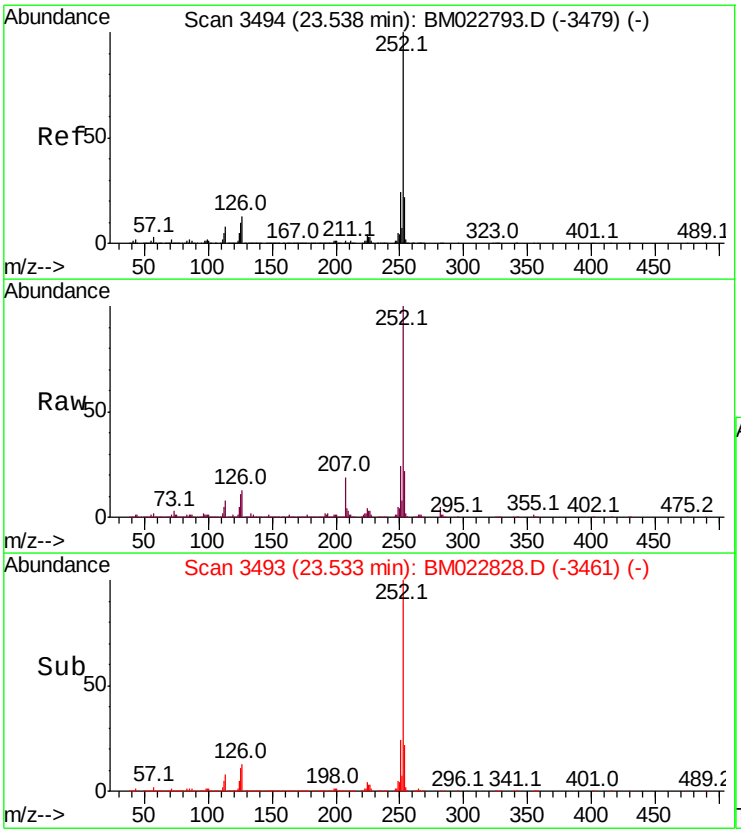
#89
Benzo(k)fluoranthene
Concen: 20.156 ng/ul
RT: 22.99 min Scan# 3401
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1532516

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	10.1	7.9	11.9

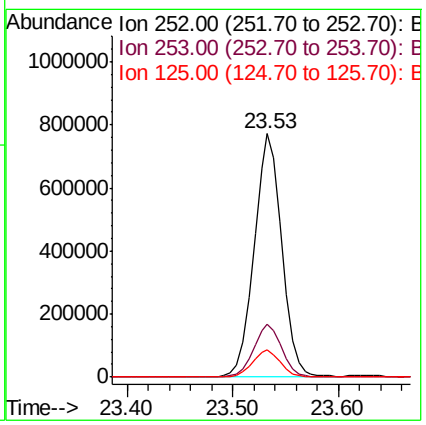


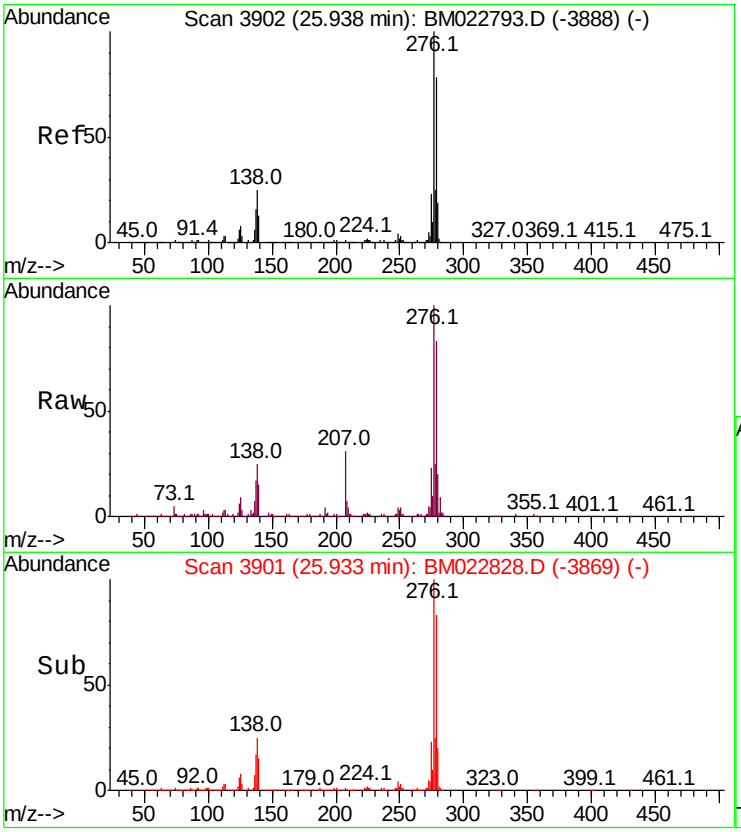


#91
Benzo(a)pyrene
Concen: 18.717 ng/ul
RT: 23.53 min Scan# 3493
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Tgt Ion:252 Resp: 1395558

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	11.3	8.7	13.1



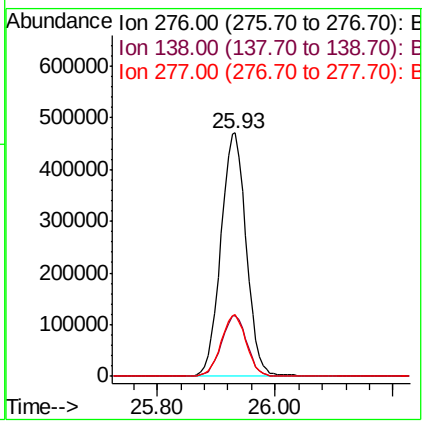


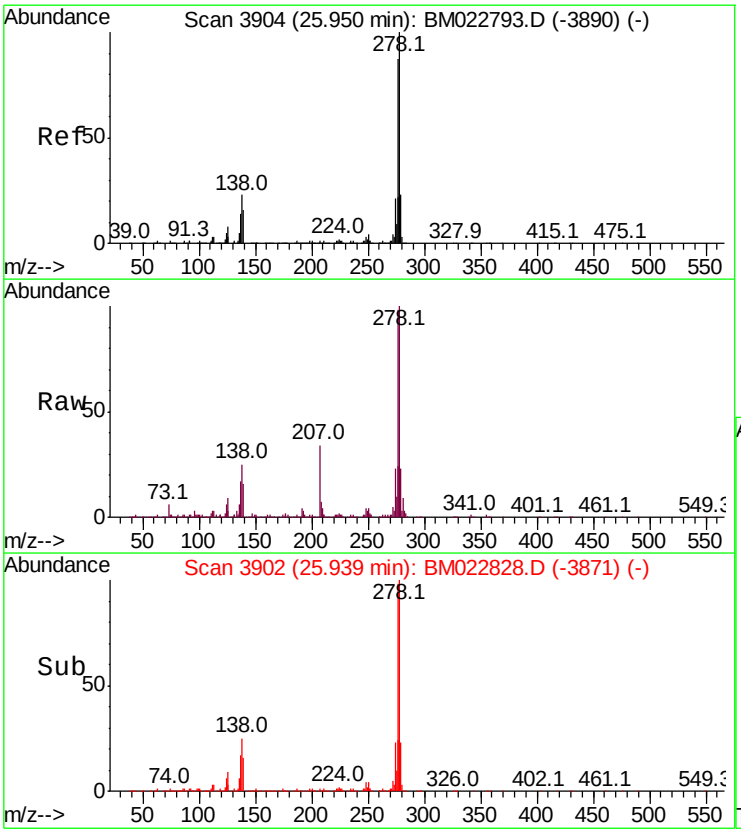
#92
Indeno(1,2,3-cd)pyrene
Concen: 17.838 ng/ul
RT: 25.93 min Scan# 3901
Delta R.T. -0.01 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 1412713

Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.8	29.8
277	25.2	20.3	30.5

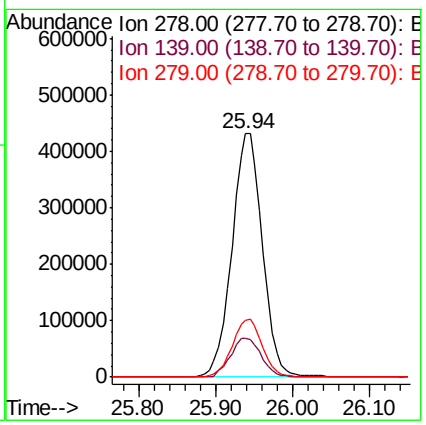


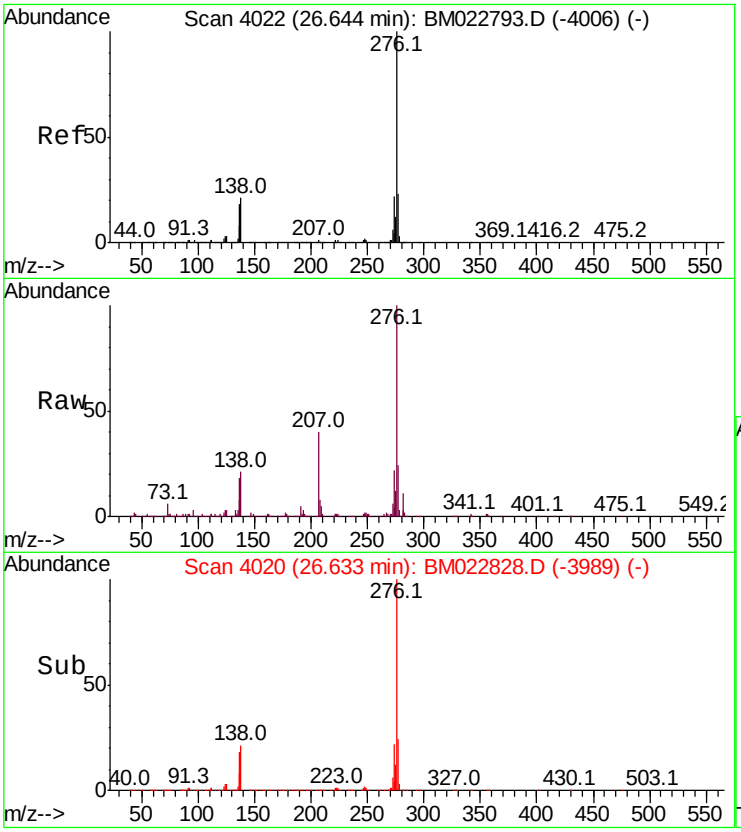


#93
Dibenzo(a,h)anthracene
Concen: 18.011 ng/ul
RT: 25.94 min Scan# 3902
Delta R.T. -0.02 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Tgt Ion:278 Resp: 1193268

Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.2	19.8
279	23.4	19.0	28.6





#94
Benzo(g,h,i)perylene
Concen: 17.921 ng/ul
RT: 26.63 min Scan# 4020
Delta R.T. -0.02 min
Lab File: BM022828.D
Acq: 30 Sep 2019 16:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 1145074

Ion	Ratio	Lower	Upper
276	100		
138	21.4	17.6	26.4
277	23.5	19.1	28.7