Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082119\
Data File : BM022223.D
Acq On : 21 Aug 2019 11:25
Operator : HP/JU
Sample : K4264-21MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : REACTOR-3-C1-C4-(3)MSD

Quant Time: Aug 21 14:16:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 02:18:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	37156	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	140839	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	81658	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	149826	20.00	ng	0.00
76) Chrysene-d12	21.19	240	131660	20.00	ng	0.00
87) Perylene-d12	23.39	264	146353	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	226958	108.85	ng	0.00
7) Phenol-d6	6.76	99	301117	108.44	ng	0.00
23) Nitrobenzene-d5	8.74	82	215903	74.56	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	131605	99.57	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	436987	66.84	ng	-0.01
79) Terphenyl-d14	19.63	244	516338	57.14	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	33530	38.380	ng	# 84
3) Pyridine	3.56	79	82080	37.086	ng	# 89
4) n-Nitrosodimethylamine	3.49	42	61526	46.401	ng	# 60
6) Aniline	6.92	93	93933	25.267	ng	96
8) 2-Chlorophenol	7.14	128	112149	45.174	ng	94
9) Benzaldehyde	6.74	77	50183	28.520	ng	92
10) Phenol	6.79	94	135438	46.073	ng	76
11) bis(2-Chloroethyl)ether	7.02	93	94768	40.753	ng	96
12) 1,3-Dichlorobenzene	7.45	146	121666	40.208	ng	# 92
13) 1,4-Dichlorobenzene	7.60	146	123618	40.240	ng	99
14) 1,2-Dichlorobenzene	7.91	146	119754	40.026	ng	96
15) Benzyl Alcohol	7.83	79	107955	44.228	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.09	45	124255	38.566	ng	99
17) 2-Methylphenol	8.02	107	89209	42.548	ng	# 90
18) Hexachloroethane	8.62	117	54401	40.789	ng	92
19) n-Nitroso-di-n-propylamine	8.38	70	86297	39.456	ng	# 83
20) 3+4-Methylphenols	8.35	107	119966	42.366	ng	93
22) Acetophenone	8.40	105	165140	45.707	ng	# 87
24) Nitrobenzene	8.78	77	137786	46.475	ng	94
25) Isophorone	9.30	82	225466	43.874	ng	# 97
26) 2-Nitrophenol	9.48	139	59157	47.106	ng	# 69
27) 2,4-Dimethylphenol	9.54	122	98758	52.172	ng	91
28) bis(2-Chloroethoxy)methane	9.78	93	133082	43.774	ng	99
29) 2,4-Dichlorophenol	10.00	162	109586	47.975	ng	99
30) 1,2,4-Trichlorobenzene	10.20	180	127319	45.250	ng	98
31) Naphthalene	10.39	128	333345	45.571	ng	99
32) Benzoic acid	9.73	122	58339	36.103	ng	91
33) 4-Chloroaniline	10.54	127	25142	8.213	ng	97
34) Hexachlorobutadiene	10.65	225	108264	44.844	ng	97
35) Caprolactam	11.36	113	9855	16.050	ng	# 67
36) 4-Chloro-3-methylphenol	11.66	107	106303	44.028	ng	97
37) 2-Methylnaphthalene	12.02	142	239577	44.809	ng	# 93
38) 1-Methylnaphthalene	12.23	142	224428	43.946	ng	# 99
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	165496	51.776	ng	99

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082119\
Data File : BM022223.D
Acq On : 21 Aug 2019 11:25
Operator : HP/JU
Sample : K4264-21MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : REACTOR-3-C1-C4-(3)MSD

Quant Time: Aug 21 14:16:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 02:18:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.34	237	176201	92.250	ng		98
43) 2,4,6-Trichlorophenol	12.65	196	92309	48.176	ng		98
44) 2,4,5-Trichlorophenol	12.72	196	96253	49.489	ng	#	96
46) 1,1'-Biphenyl	13.05	154	311308	48.476	ng		99
47) 2-Chloronaphthalene	13.09	162	243456	46.064	ng		96
48) 2-Nitroaniline	13.33	65	70667	42.301	ng		83
49) Acenaphthylene	13.95	152	378769	46.723	ng		99
50) Dimethylphthalate	13.70	163	349701	50.937	ng		100
51) 2,6-Dinitrotoluene	13.83	165	61844	45.615	ng	#	58
52) Acenaphthene	14.29	154	221722	46.900	ng		98
53) 3-Nitroaniline	14.17	138	23382	17.318	ng		98
54) 2,4-Dinitrophenol	14.40	184	53661	70.151	ng	#	63
55) Dibenzofuran	14.63	168	368380	46.893	ng		91
56) 4-Nitrophenol	14.49	139	86963	96.639	ng	#	53
57) 2,4-Dinitrotoluene	14.64	165	84497	43.412	ng	#	63
58) Fluorene	15.28	166	296203	44.726	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.86	232	90003	46.415	ng	#	94
60) Diethylphthalate	15.07	149	305111	42.144	ng		97
61) 4-Chlorophenyl-phenylether	15.28	204	182395	43.700	ng		96
62) 4-Nitroaniline	15.35	138	44931	35.954	ng	#	51
63) Azobenzene	15.57	77	308447	44.214	ng		84
65) 4,6-Dinitro-2-methylphenol	15.40	198	39972	42.229	ng		88
66) n-Nitrosodiphenylamine	15.50	169	231744	48.239	ng		100
67) 4-Bromophenyl-phenylether	16.17	248	104554	47.092	ng	#	91
68) Hexachlorobenzene	16.28	284	112781	44.713	ng	#	84
69) Atrazine	16.47	200	84704	53.245	ng		98
70) Pentachlorophenol	16.64	266	117733	95.938	ng		99
71) Phenanthrene	17.03	178	525260	60.454	ng		99
72) Anthracene	17.12	178	434150	50.337	ng		99
73) Carbazole	17.40	167	321535	44.677	ng		97
74) Di-n-butylphthalate	17.96	149	457396	41.888	ng	#	98
75) Fluoranthene	19.06	202	626763	59.820	ng		98
77) Benzidine	19.26	184	169240	57.310	ng		99
78) Pyrene	19.42	202	590650	63.735	ng		99
80) Butylbenzylphthalate	20.33	149	180082	43.445	ng	#	83
81) Benzo(a)anthracene	21.18	228	481880	52.044	ng		99
82) 3,3'-Dichlorobenzidine	21.12	252	79070	24.492	ng		99
83) Chrysene	21.23	228	452352	50.609	ng		99
84) Bis(2-ethylhexyl)phthalate	21.10	149	266249	42.711	ng		94
85) Di-n-octyl phthalate	21.97	149	424940	42.116	ng	#	93
86) Indeno(1,2,3-cd)pyrene	25.59	276	590542	58.983	ng	#	96
88) Benzo(b)fluoranthene	22.73	252	488360	49.974	ng		98
89) Benzo(k)fluoranthene	22.77	252	431809	45.204	ng		99
90) Benzo(a)pyrene	23.30	252	455032	51.129	ng		98
91) Dibenzo(a,h)anthracene	25.59	278	482428	51.016	ng	#	97
92) Benzo(g,h,i)perylene	26.26	276	463545	56.069	ng		97

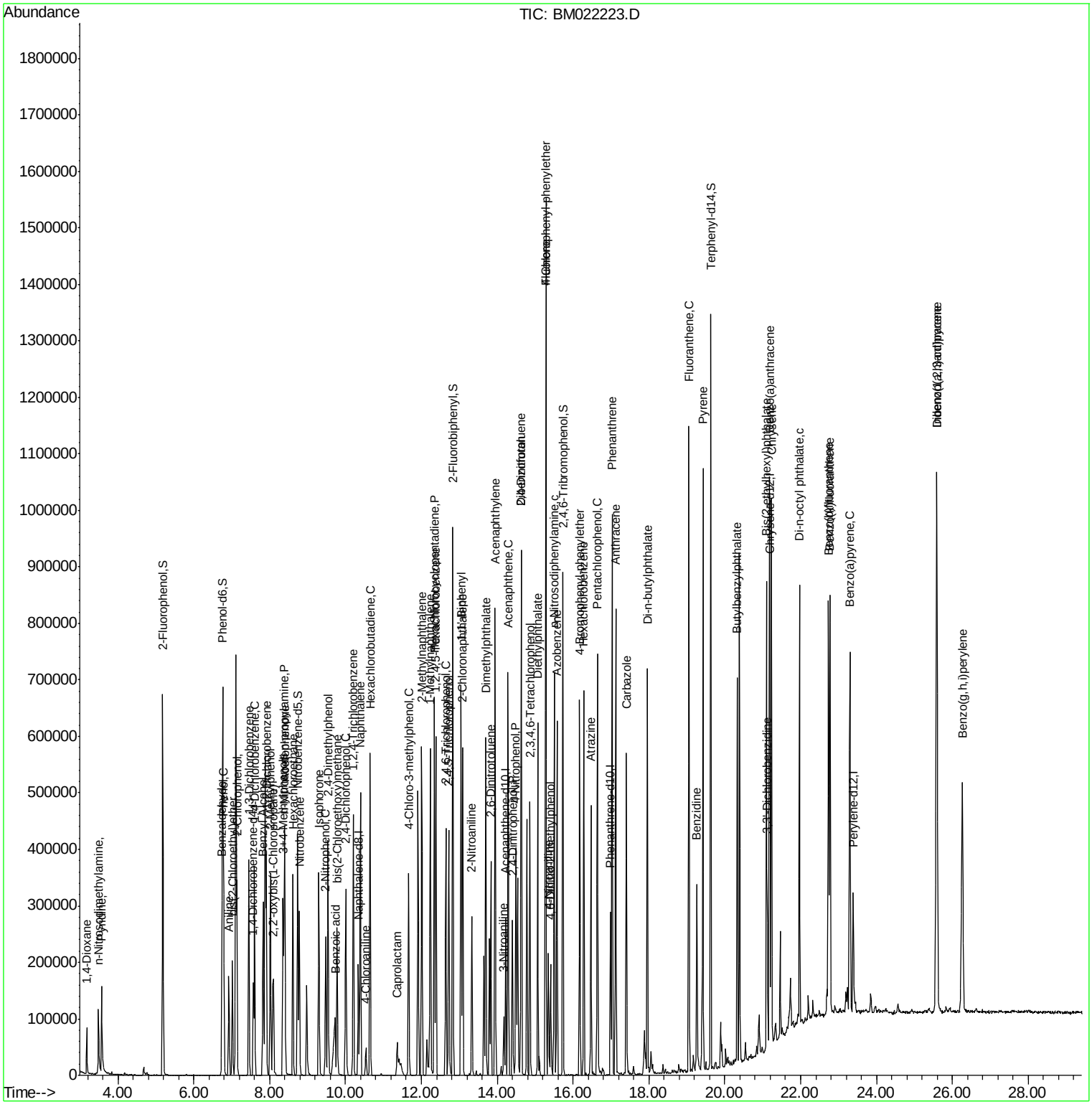
(#) = qualifier out of range (m) = manual integration (+) = signals summed

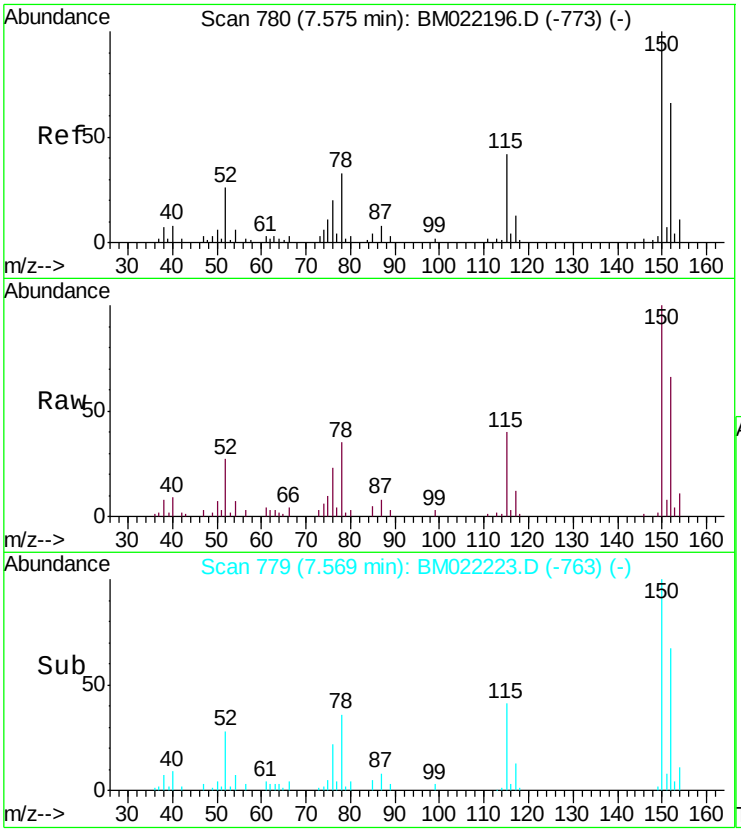
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082119\
Data File : BM022223.D
Acq On : 21 Aug 2019 11:25
Operator : HP/JU
Sample : K4264-21MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Quant Time: Aug 21 14:16:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 02:18:05 2019
Response via : Initial Calibration



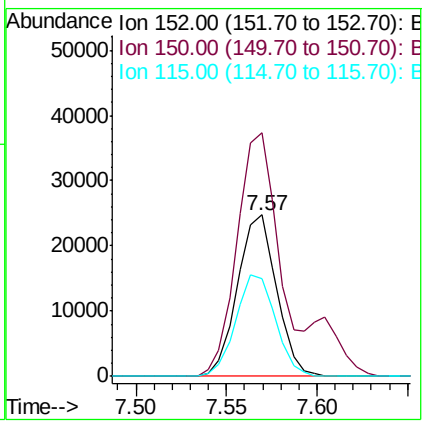


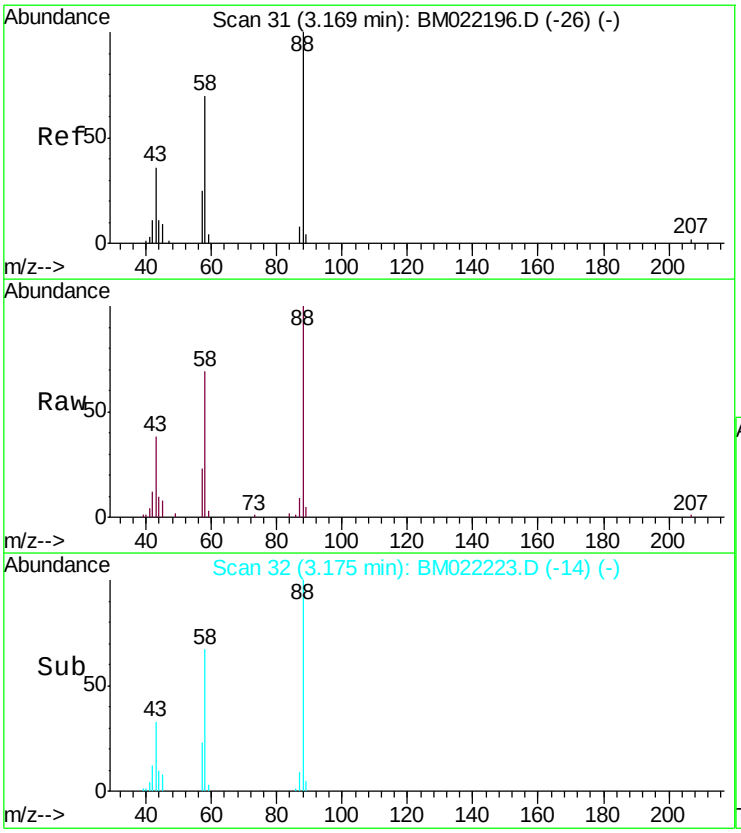
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 779
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:152 Resp: 37156

Ion	Ratio	Lower	Upper
152	100		
150	151.1	123.1	184.7
115	61.0	44.2	66.4

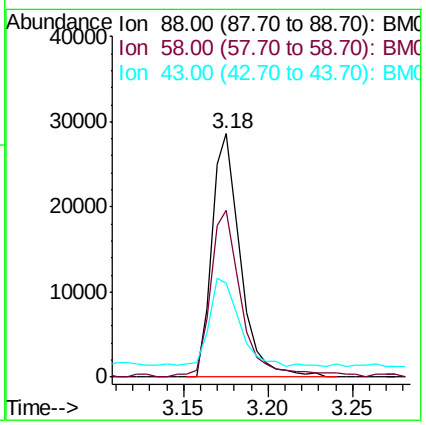


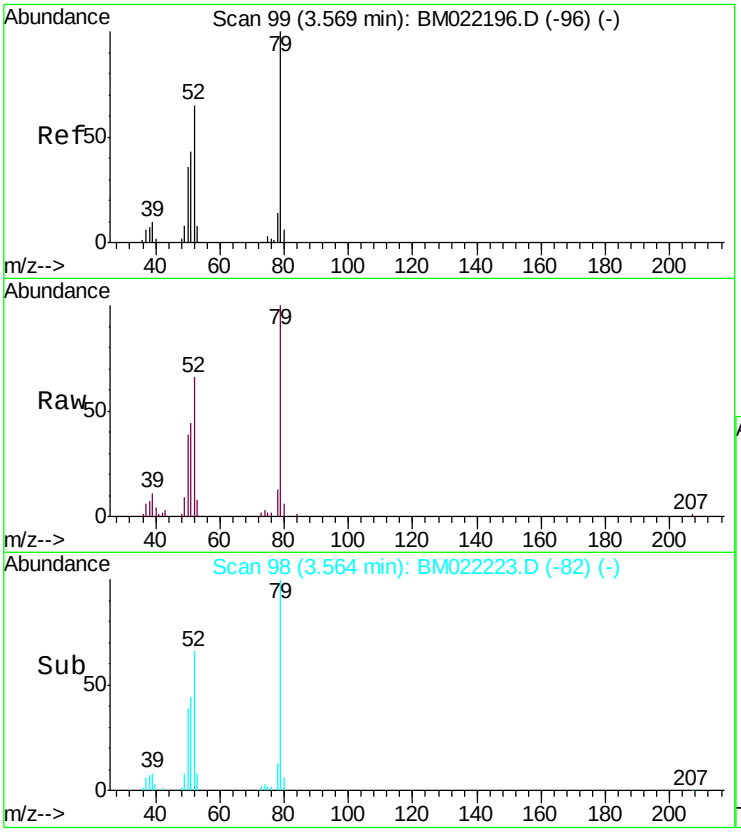


#2
1,4-Dioxane
Concen: 38.380 ng
RT: 3.18 min Scan# 32
Delta R.T. 0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion: 88 Resp: 33530

Ion	Ratio	Lower	Upper
88	100		
58	75.8	51.9	77.9
43	37.9	21.4	32.2#



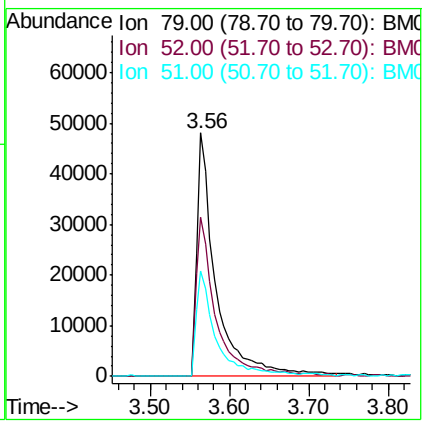


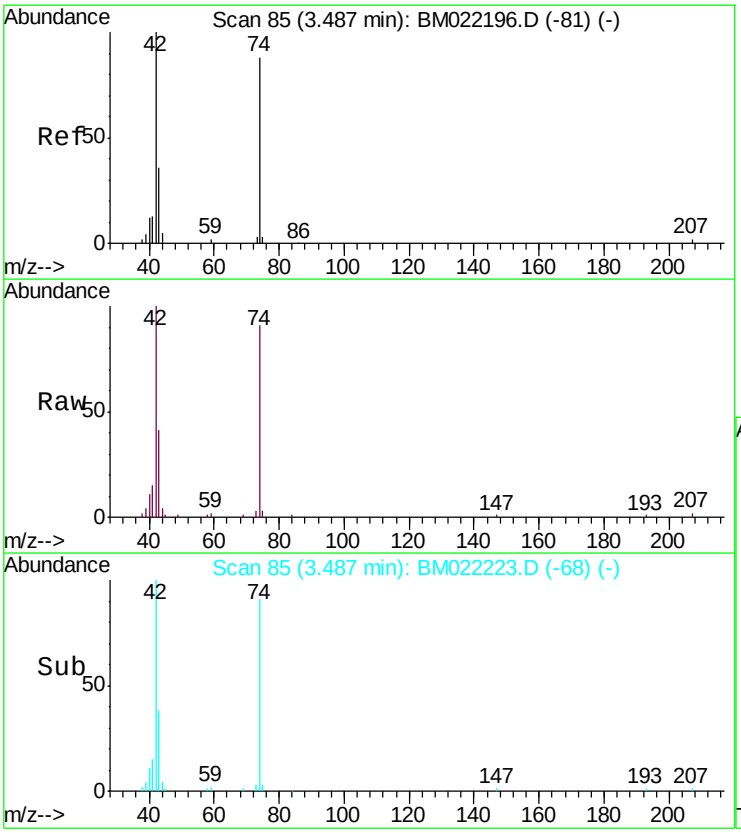
#3
Pyridine
Concen: 37.086 ng
RT: 3.56 min Scan# 98
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion: 79 Resp: 82080

Ion	Ratio	Lower	Upper
79	100		
52	65.6	48.8	73.2
51	43.5	25.7	38.5#

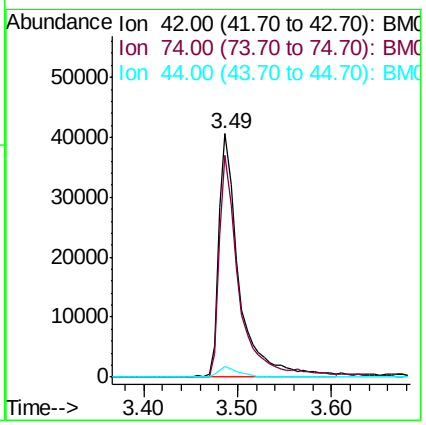


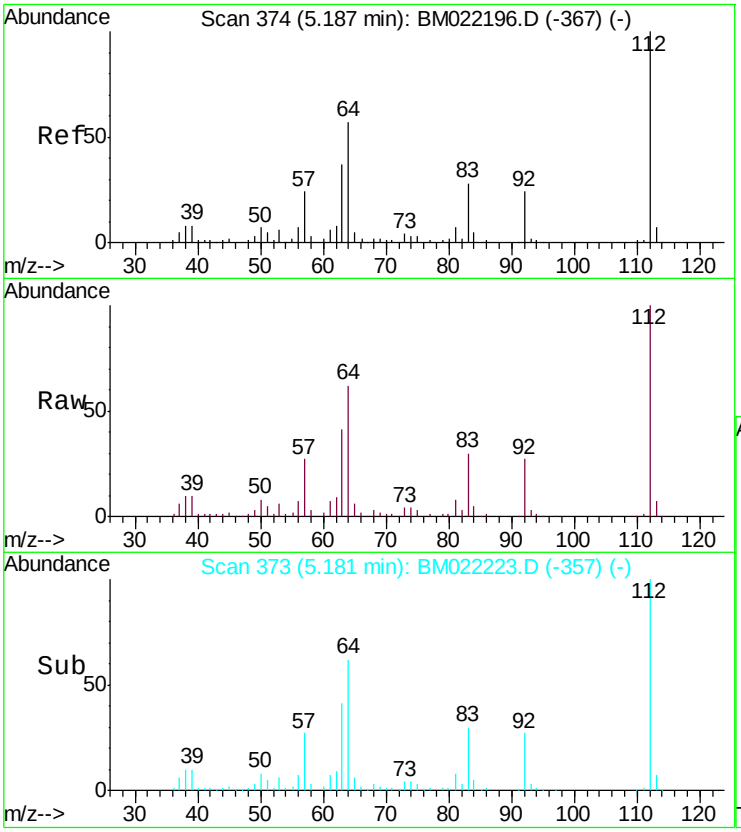


#4
n-Nitrosodimethylamine
Concen: 46.401 ng
RT: 3.49 min Scan# 85
Delta R.T. 0.00 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion: 42 Resp: 61526

Ion	Ratio	Lower	Upper
42	100		
74	90.9	113.8	170.6#
44	4.5	8.2	12.2#



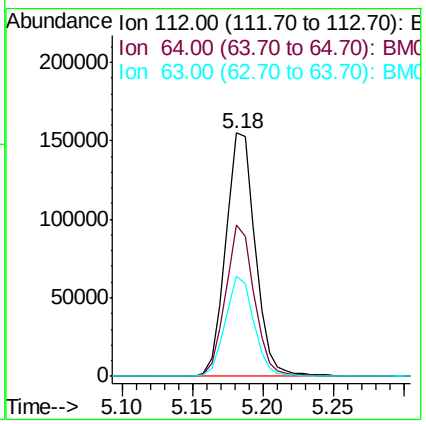


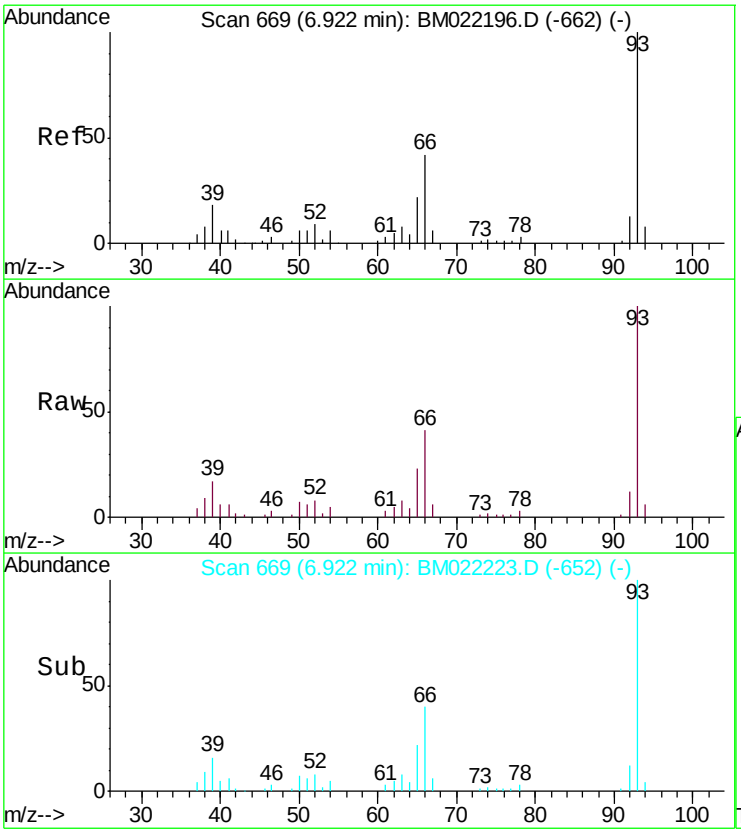
#5
2-Fluorophenol
Concen: 108.847 ng
RT: 5.18 min Scan# 373
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:112 Resp: 226958

Ion	Ratio	Lower	Upper
112	100		
64	62.1	45.2	67.8
63	41.1	23.5	35.3#

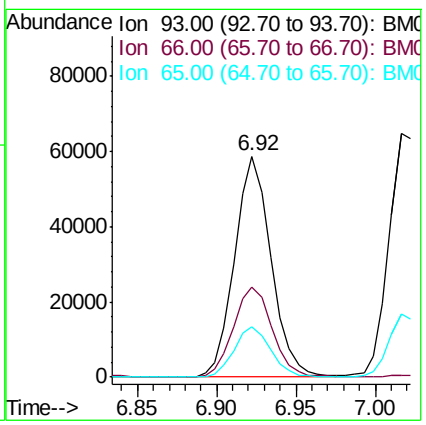


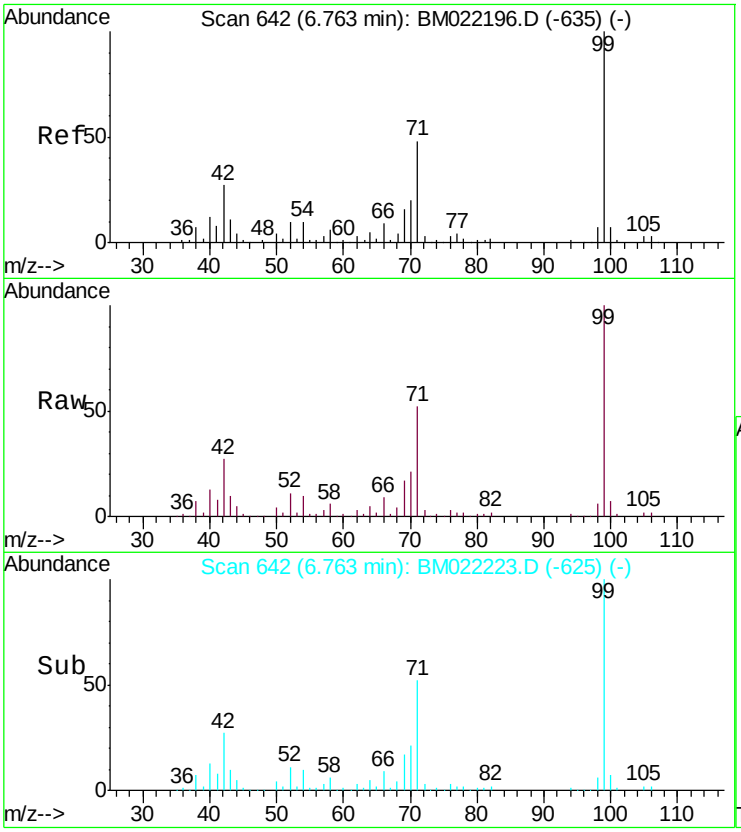


#6
Aniline
Concen: 25.267 ng
RT: 6.92 min Scan# 669
Delta R.T. 0.00 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion: 93 Resp: 93933

Ion	Ratio	Lower	Upper
93	100		
66	41.0	31.3	46.9
65	22.6	15.9	23.9



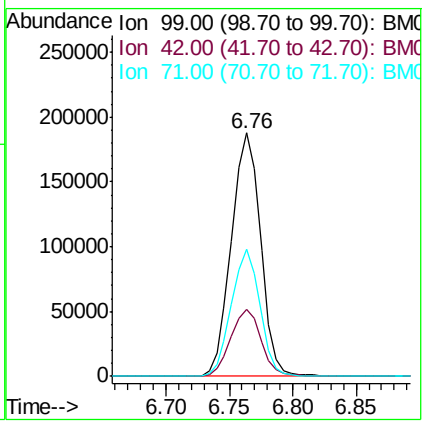


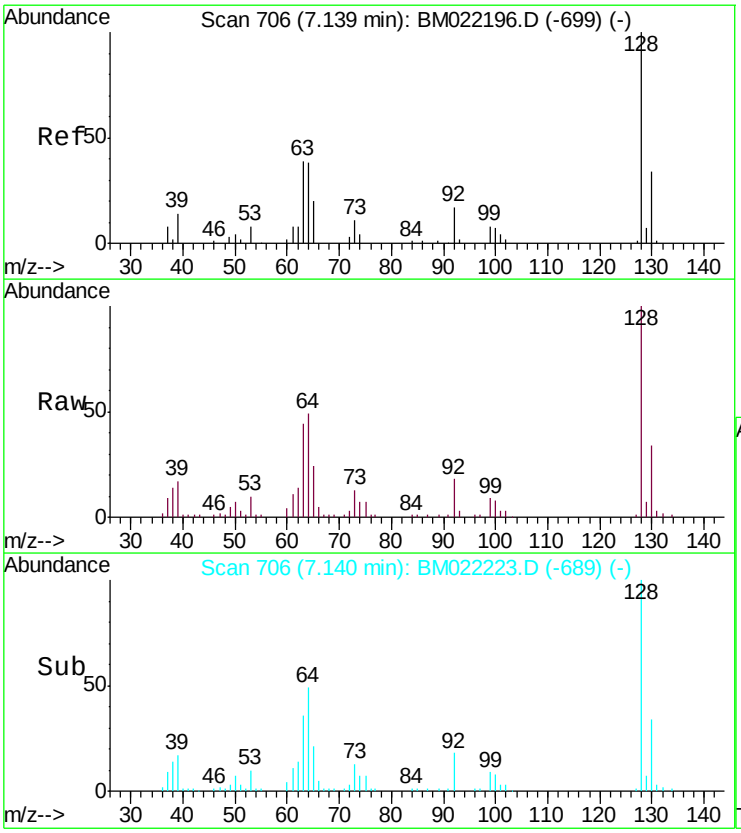
#7
Phenol-d6
Concen: 108.445 ng
RT: 6.76 min Scan# 642
Delta R.T. 0.00 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion: 99 Resp: 301117

Ion	Ratio	Lower	Upper
99	100		
42	27.3	13.5	20.3#
71	52.0	29.3	43.9#

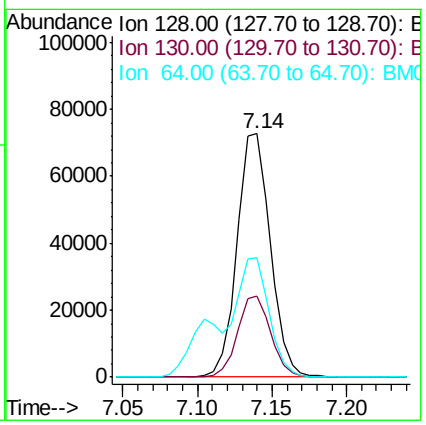


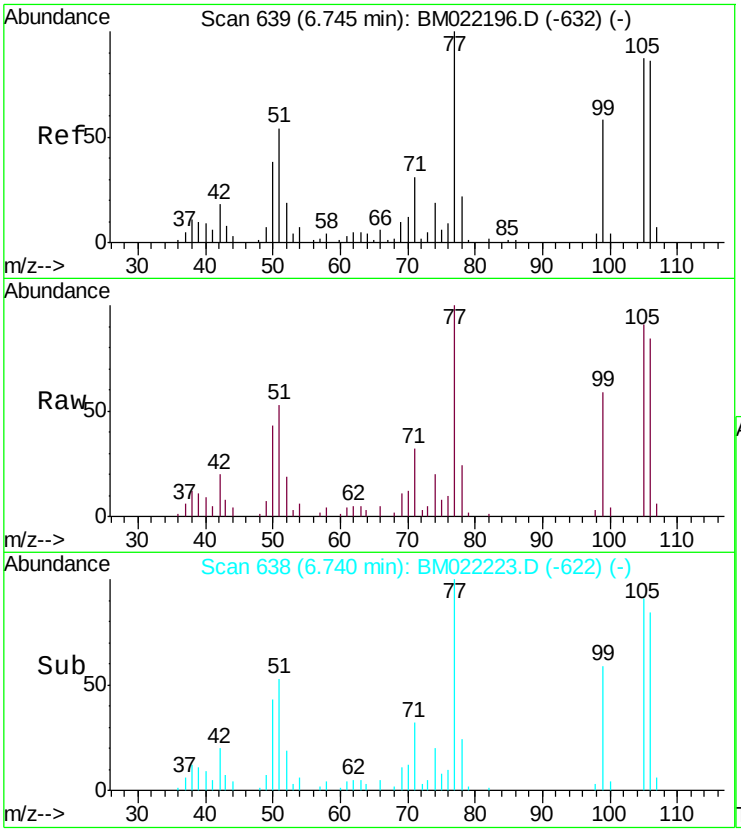


#8
2-Chlorophenol
Concen: 45.174 ng
RT: 7.14 min Scan# 706
Delta R.T. 0.00 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:128 Resp: 112149

Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.2	52.2
64	49.2	23.2	63.2



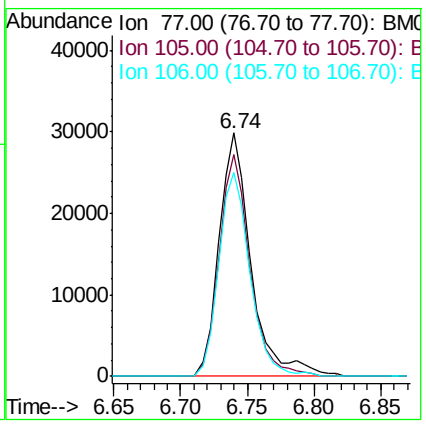


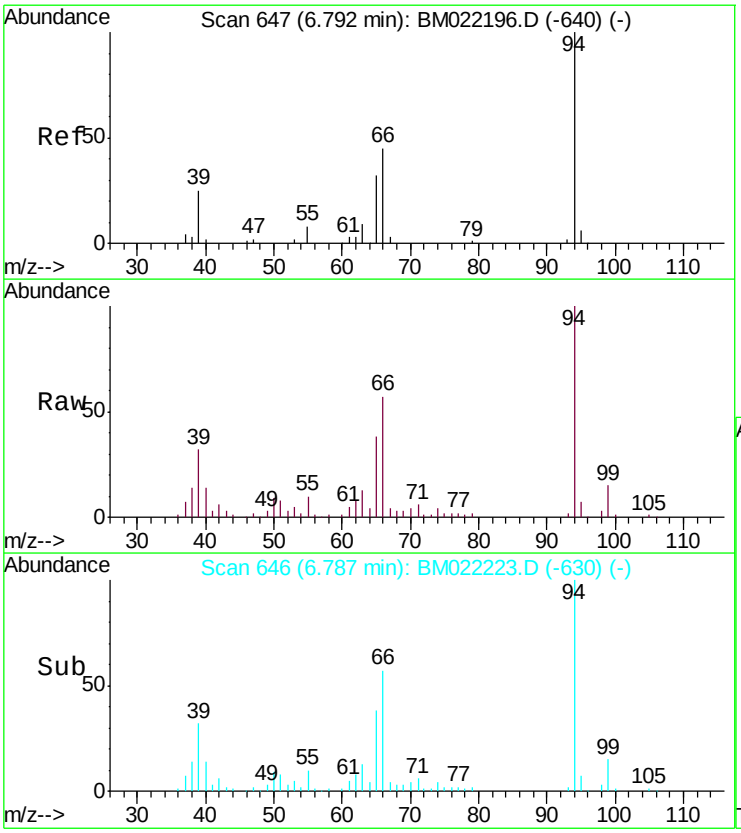
#9
Benzaldehyde
Concen: 28.520 ng
RT: 6.74 min Scan# 638
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion: 77 Resp: 50183

Ion	Ratio	Lower	Upper
77	100		
105	90.9	77.8	117.8
106	84.0	71.8	111.8

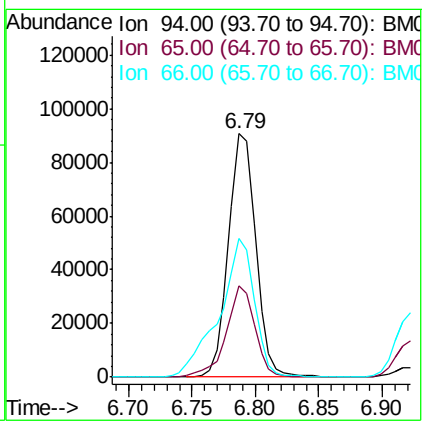


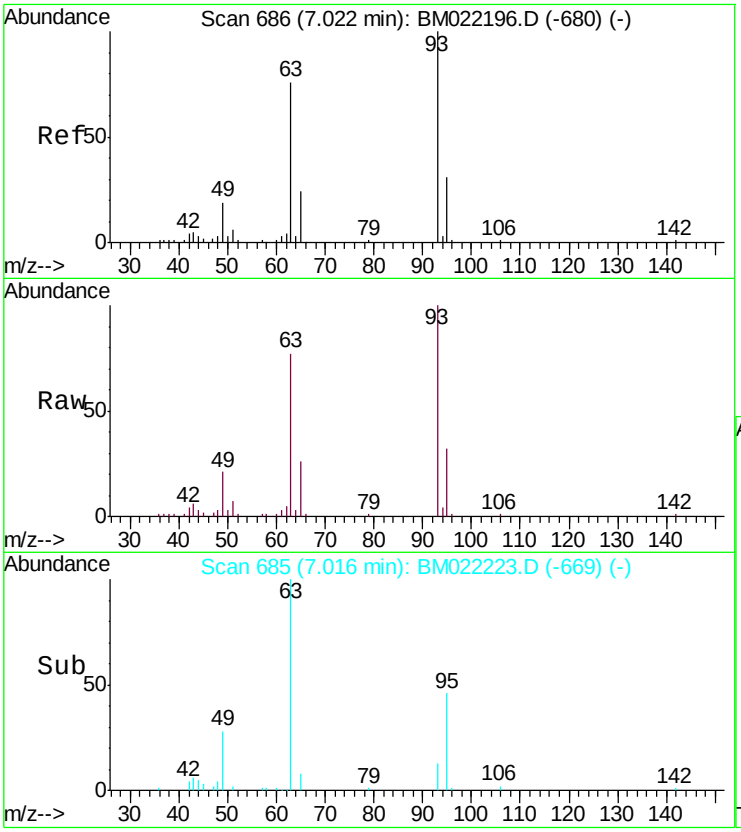


#10
Phenol
Concen: 46.073 ng
RT: 6.79 min Scan# 646
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion: 94 Resp: 135438

Ion	Ratio	Lower	Upper
94	100		
65	37.7	8.7	48.7
66	57.2	19.0	59.0



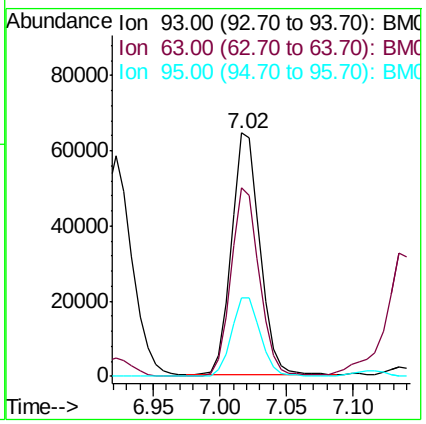


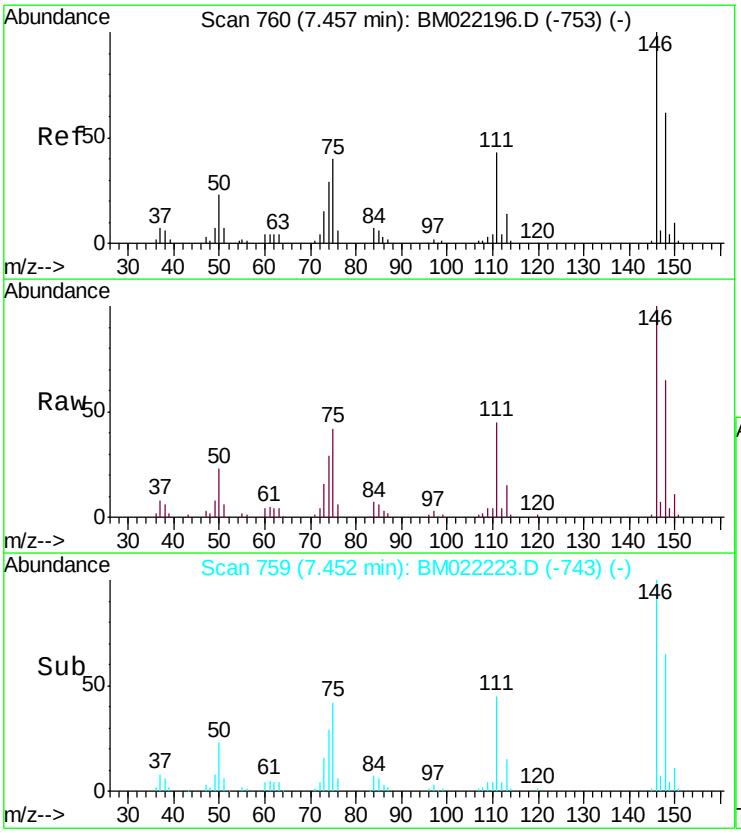
#11
bis(2-Chloroethyl)ether
Concen: 40.753 ng
RT: 7.02 min Scan# 685
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion: 93 Resp: 94768

Ion	Ratio	Lower	Upper
93	100		
63	77.5	53.4	93.4
95	32.2	13.0	53.0

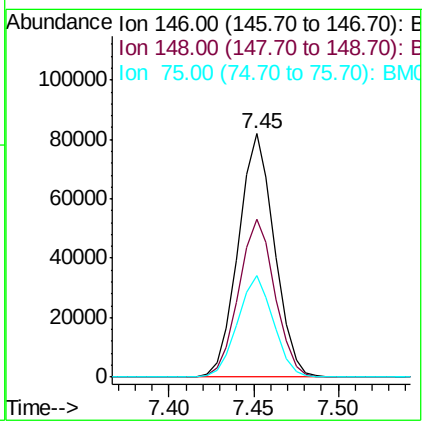


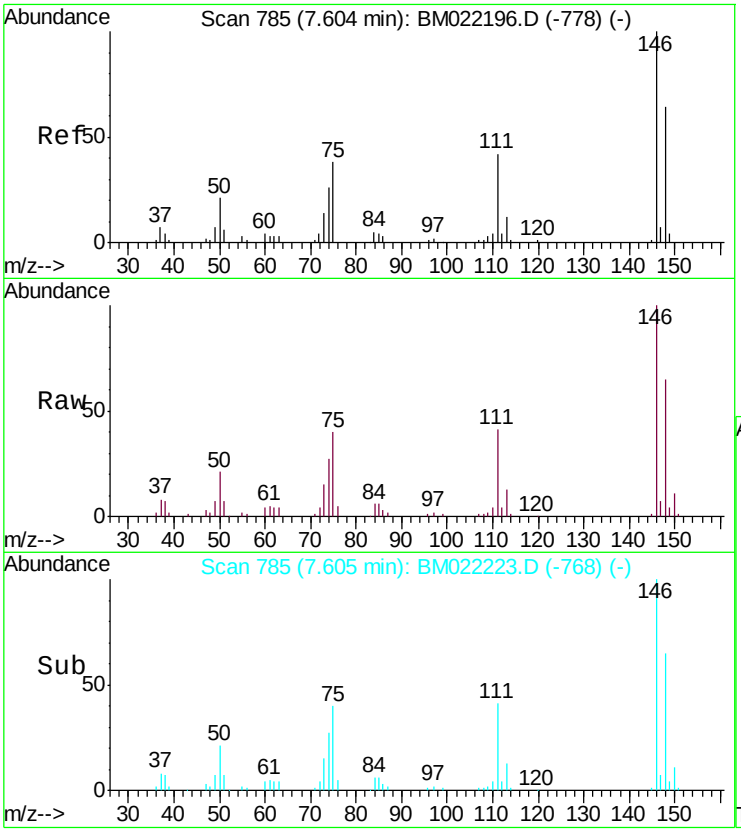


#12
1,3-Dichlorobenzene
Concen: 40.208 ng
RT: 7.45 min Scan# 759
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:146 Resp: 121666

Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.2	78.2
75	41.7	22.2	33.4#



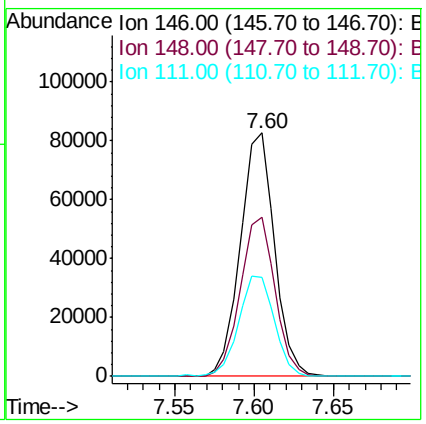


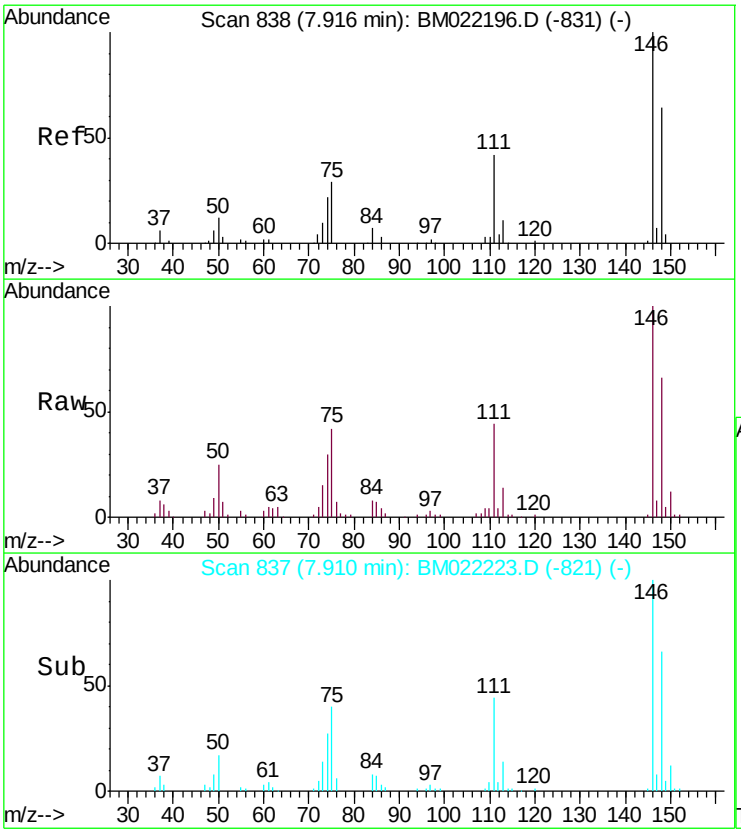
#13
1,4-Dichlorobenzene
Concen: 40.240 ng
RT: 7.60 min Scan# 785
Delta R.T. 0.00 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:146 Resp: 123618

Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.9	77.9
111	40.7	31.4	47.0

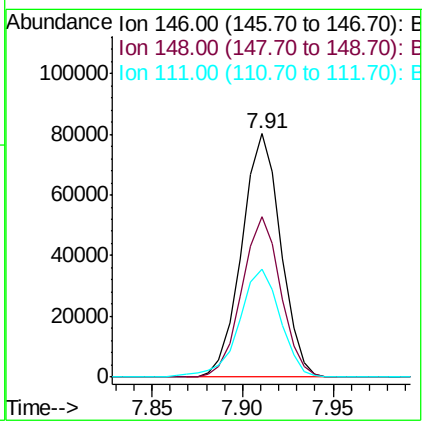


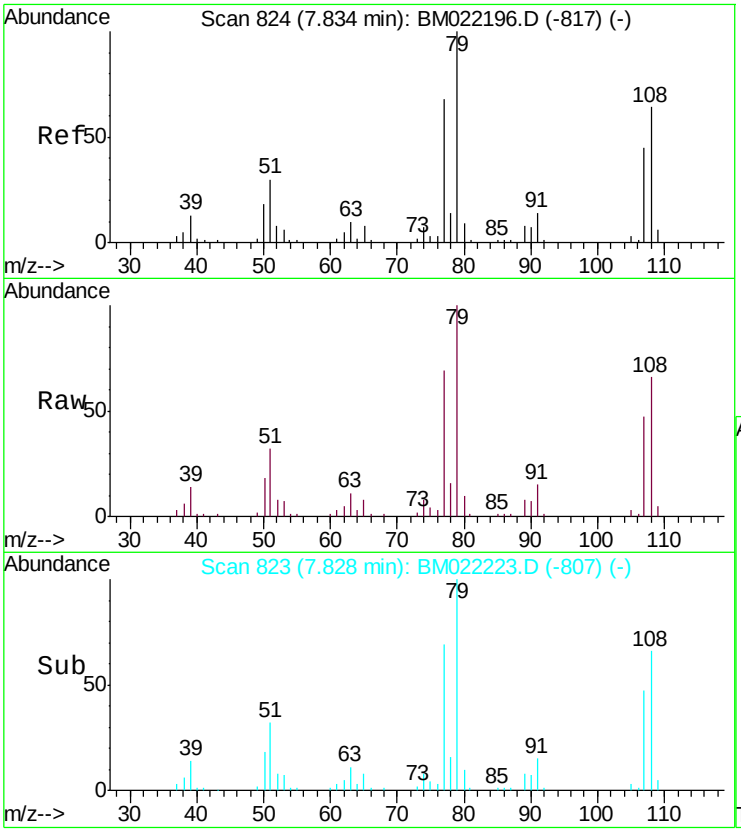


#14
1,2-Dichlorobenzene
Concen: 40.026 ng
RT: 7.91 min Scan# 837
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:146 Resp: 119754

Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.2	76.8
111	44.1	32.8	49.2



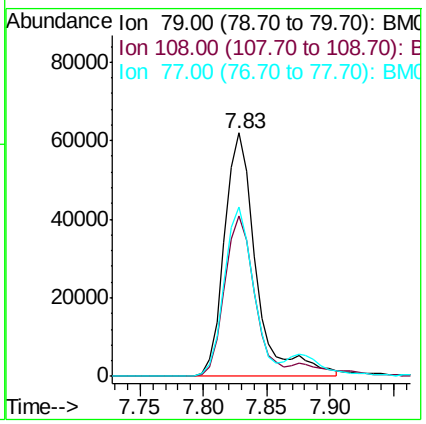


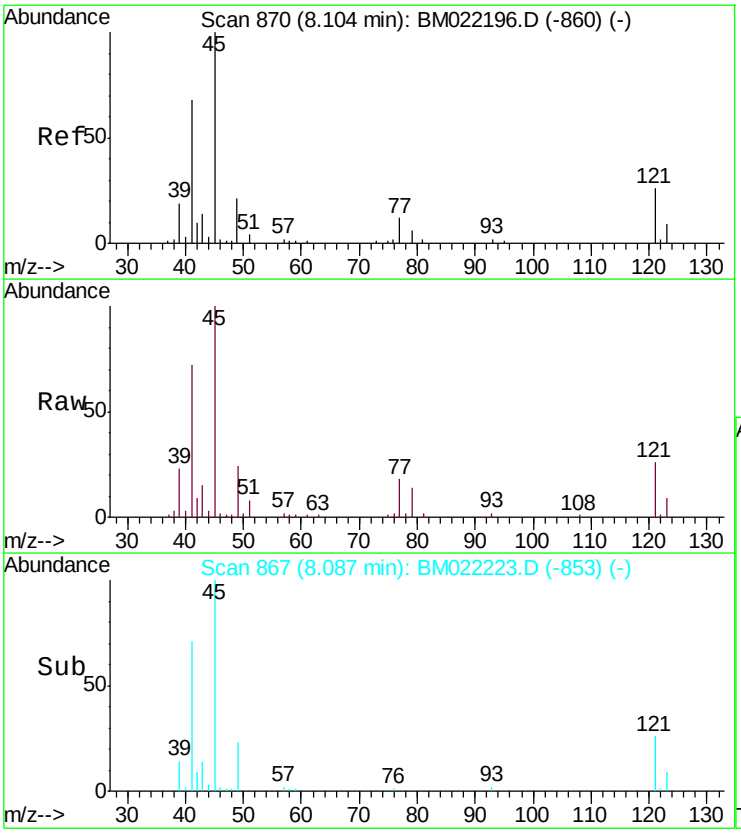
#15
Benzyl Alcohol
Concen: 44.228 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion: 79 Resp: 107955

Ion	Ratio	Lower	Upper
79	100		
108	65.9	58.4	87.6
77	69.5	50.1	75.1

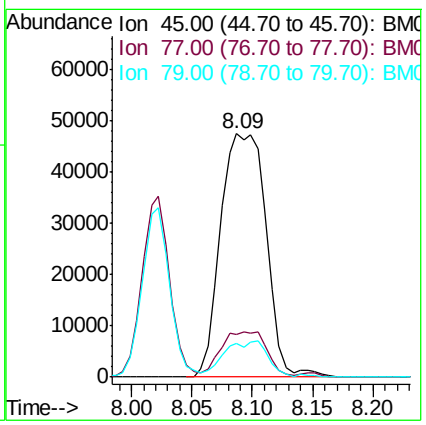


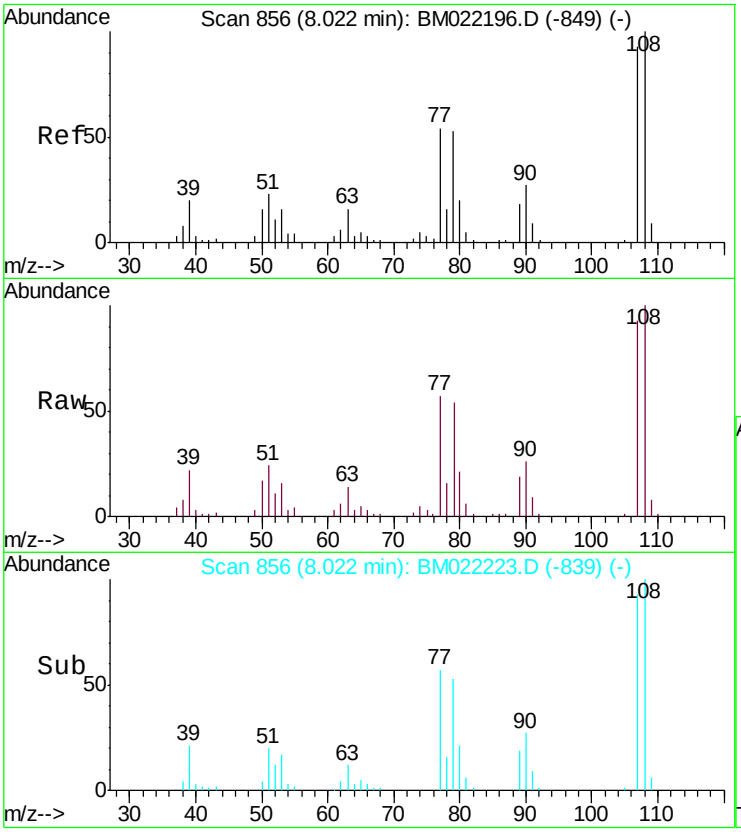


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.566 ng
RT: 8.09 min Scan# 867
Delta R.T. -0.02 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion: 45 Resp: 124255

Ion	Ratio	Lower	Upper
45	100		
77	17.7	0.0	37.5
79	13.8	0.0	33.5



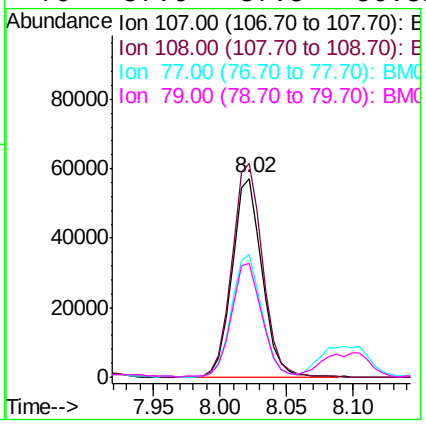


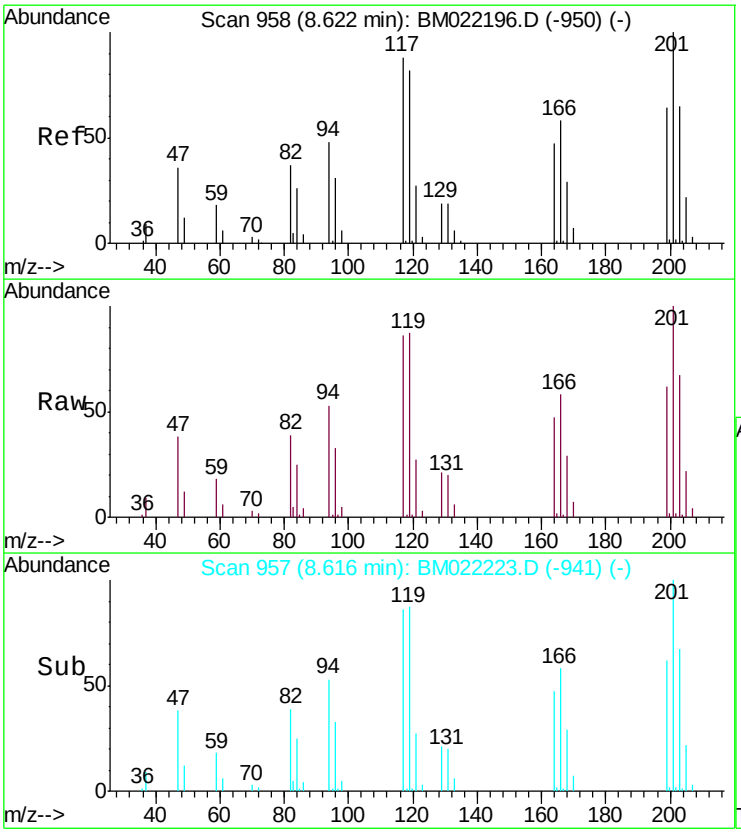
#17
2-Methylphenol
Concen: 42.548 ng
RT: 8.02 min Scan# 856
Delta R.T. 0.00 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:107 Resp: 89209

Ion	Ratio	Lower	Upper
107	100		
108	107.4	87.5	131.3
77	61.5	37.8	56.8#
79	57.6	37.5	56.3#

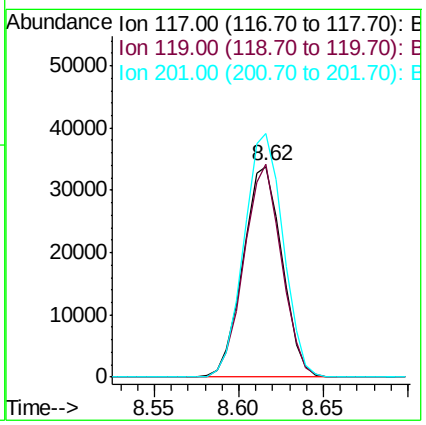


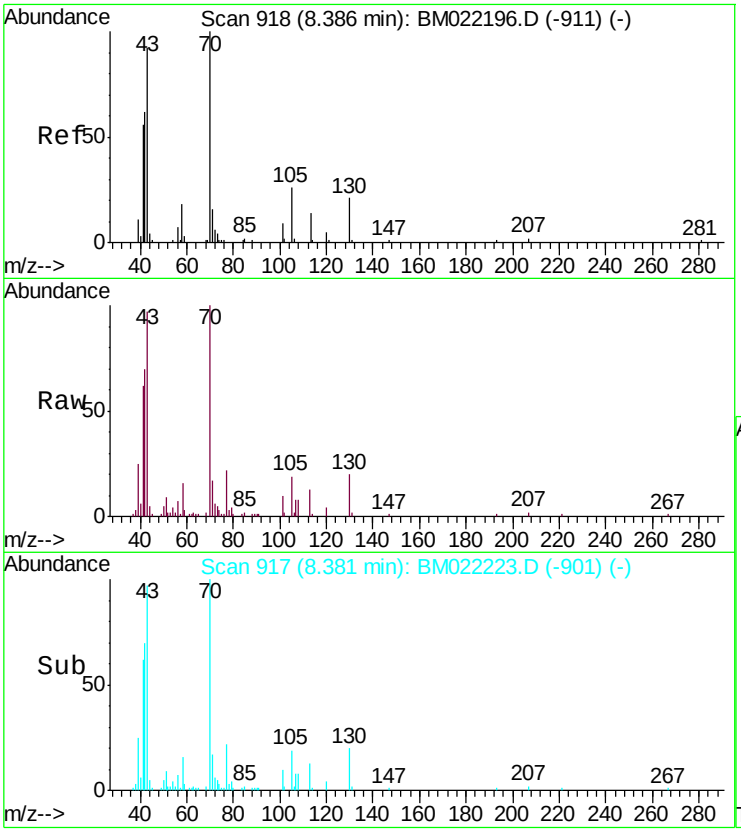


#18
Hexachloroethane
Concen: 40.789 ng
RT: 8.62 min Scan# 957
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:117 Resp: 54401

Ion	Ratio	Lower	Upper
117	100		
119	101.1	77.5	116.3
201	115.7	102.3	153.5



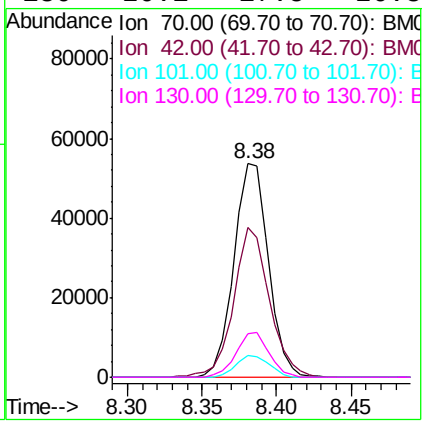


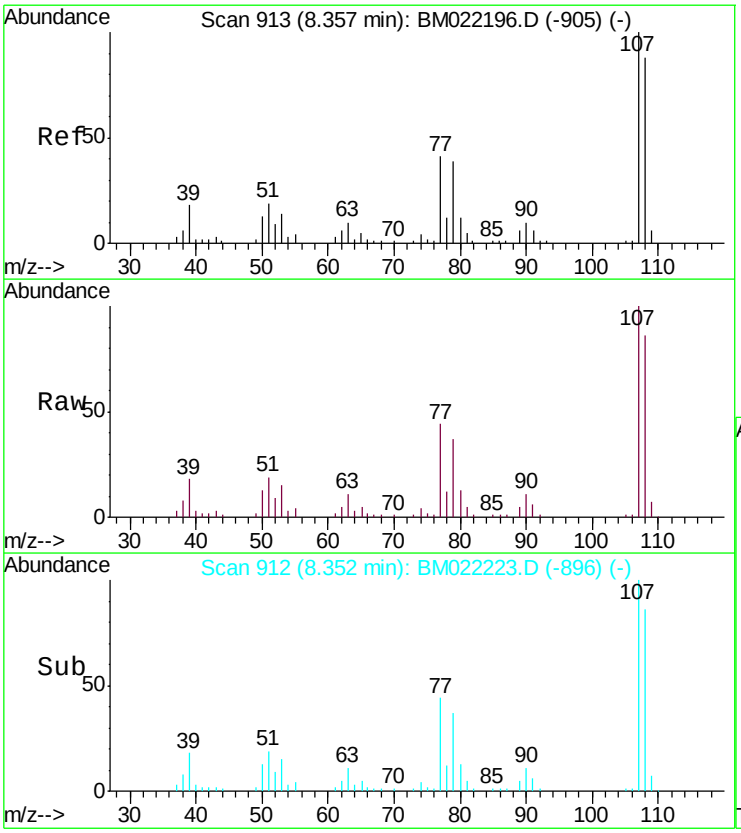
#19
n-Nitroso-di-n-propylamine
Concen: 39.456 ng
RT: 8.38 min Scan# 917
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion: 70 Resp: 86297

Ion	Ratio	Lower	Upper
70	100		
42	70.4	41.9	62.9#
101	10.3	8.1	12.1
130	20.1	17.5	26.3

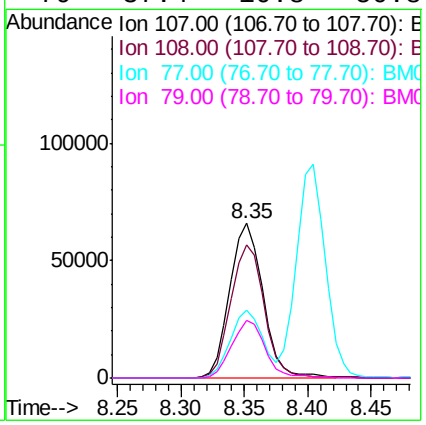


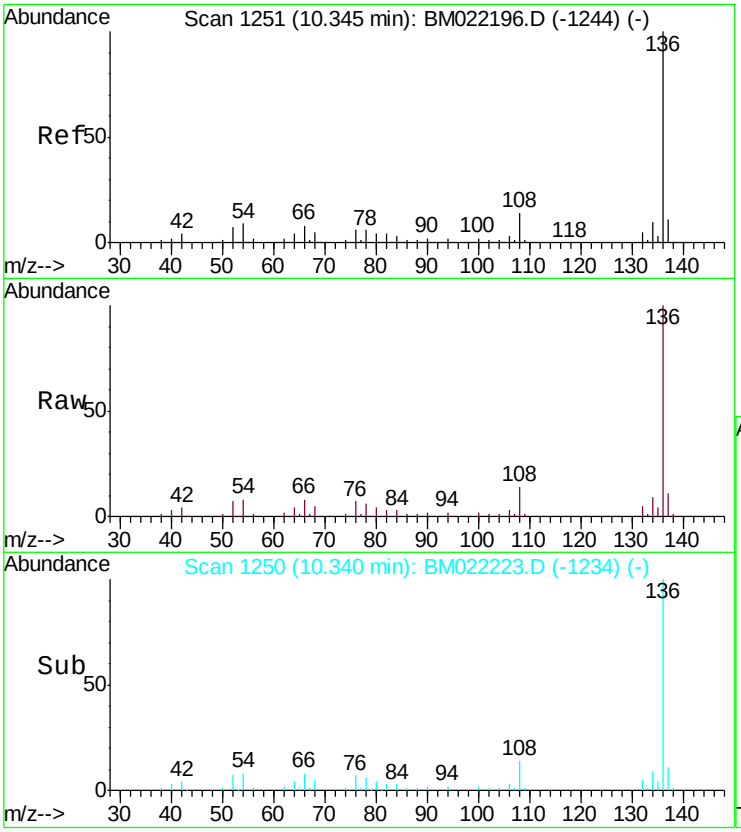


#20
3+4-Methylphenols
Concen: 42.366 ng
RT: 8.35 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:107 Resp: 119966

Ion	Ratio	Lower	Upper
107	100		
108	86.1	67.9	107.9
77	43.9	14.6	54.6
79	37.4	10.8	50.8



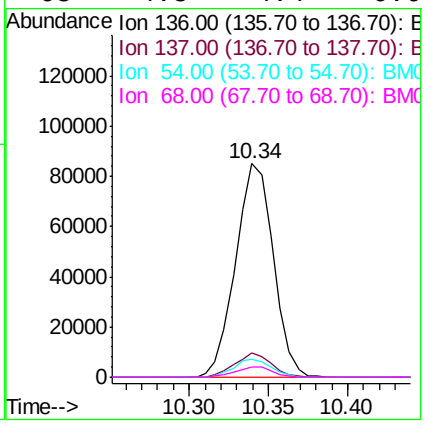


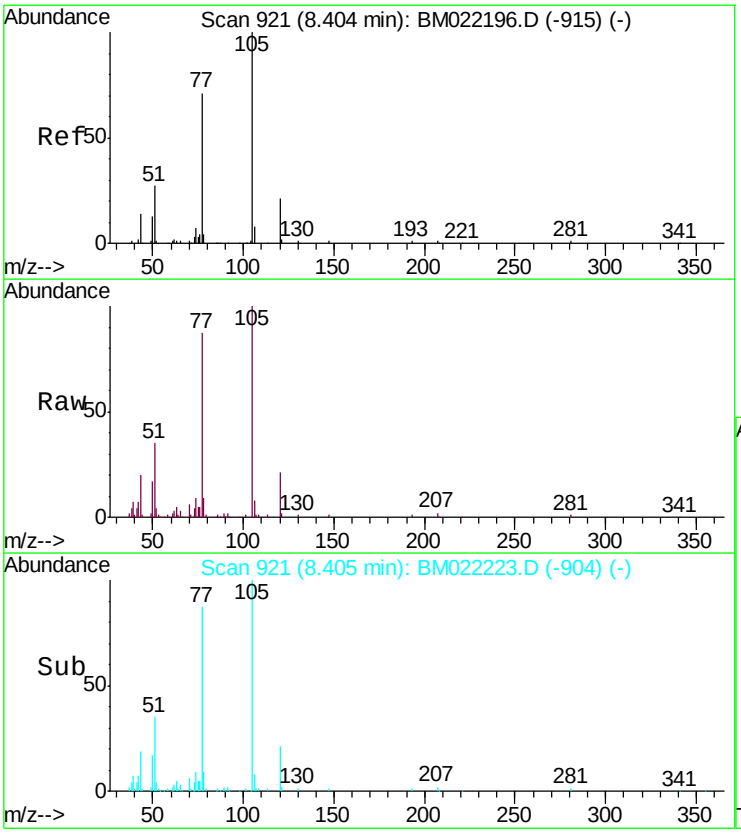
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:136 Resp: 140839

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	8.1	5.3	7.9#
68	4.8	4.4	6.6

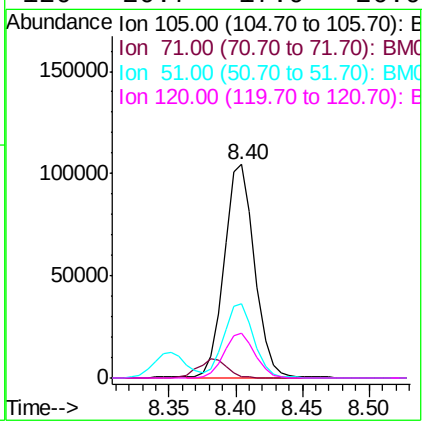


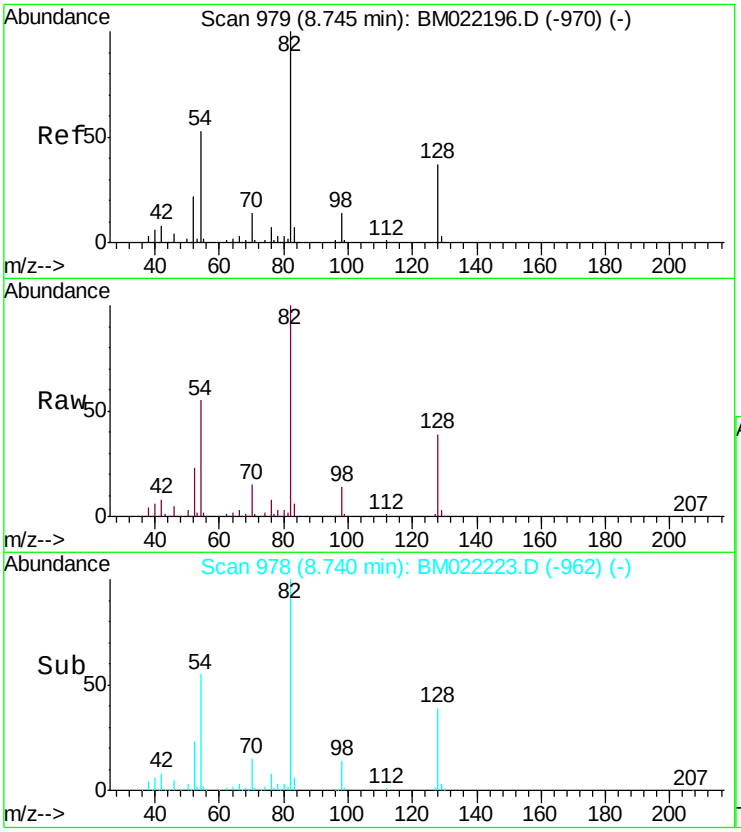


#22
Acetophenone
Concen: 45.707 ng
RT: 8.40 min Scan# 921
Delta R.T. 0.00 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:105 Resp: 165140

Ion	Ratio	Lower	Upper
105	100		
71	0.9	1.2	1.8#
51	34.7	19.1	28.7#
120	20.7	17.9	26.9



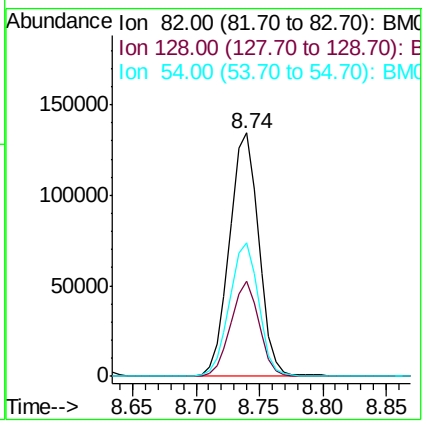


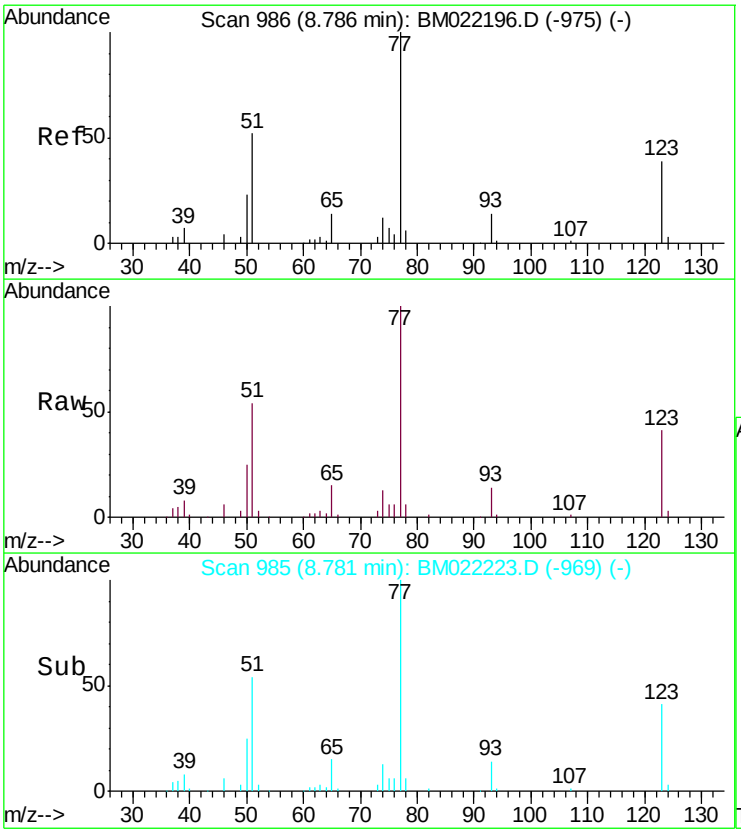
#23
Nitrobenzene-d5
Concen: 74.559 ng
RT: 8.74 min Scan# 978
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion: 82 Resp: 215903

Ion	Ratio	Lower	Upper
82	100		
128	39.2	35.9	53.9
54	54.7	36.6	55.0

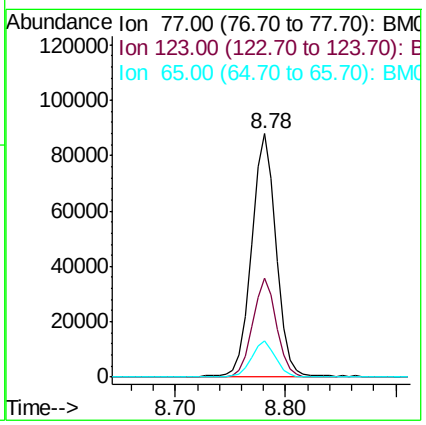


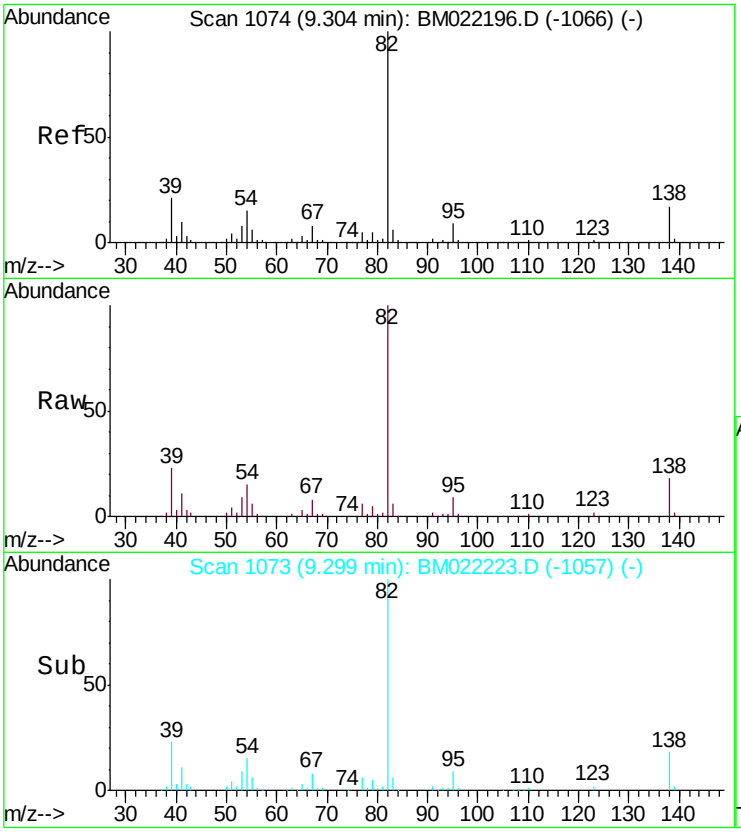


#24
Nitrobenzene
Concen: 46.475 ng
RT: 8.78 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion: 77 Resp: 137786

Ion	Ratio	Lower	Upper
77	100		
123	40.7	36.3	54.5
65	14.8	10.6	16.0



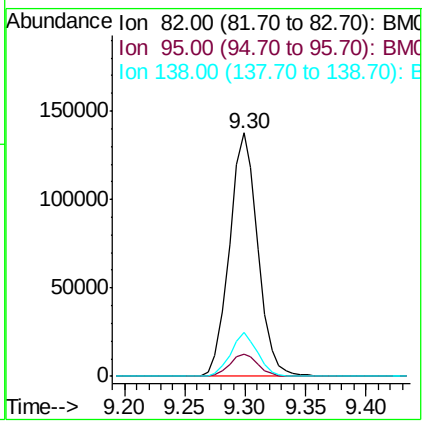


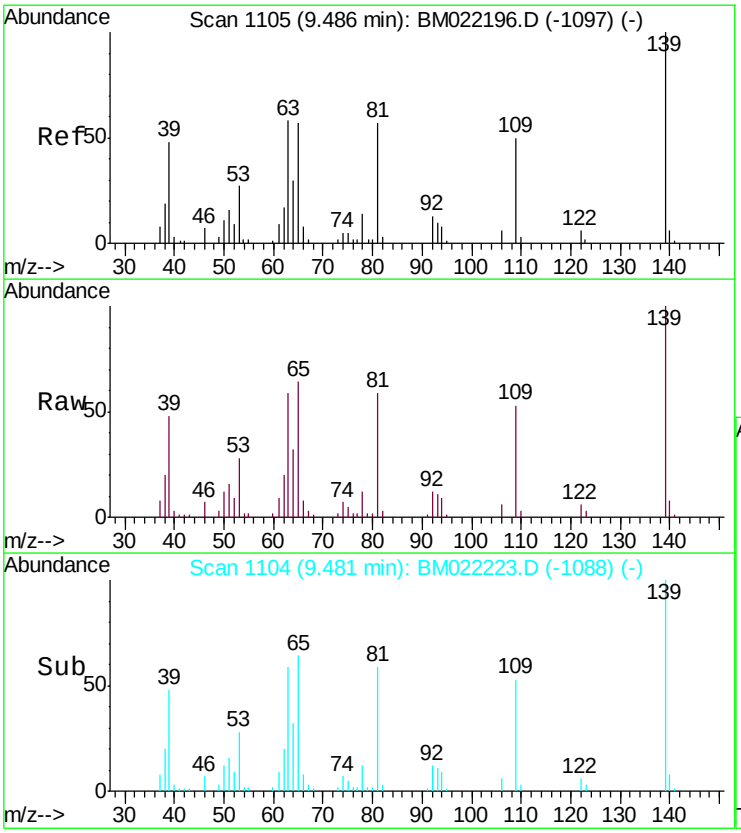
#25
Isophorone
Concen: 43.874 ng
RT: 9.30 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion: 82 Resp: 225466

Ion	Ratio	Lower	Upper
82	100		
95	9.2	6.1	9.1#
138	18.0	15.0	22.6

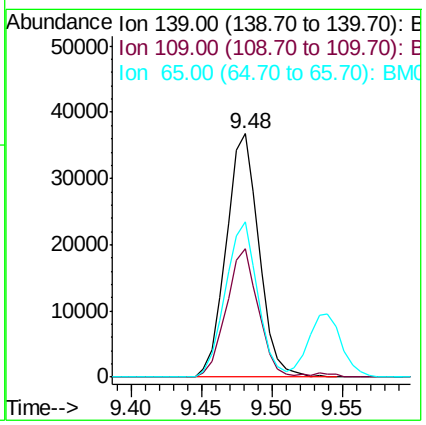


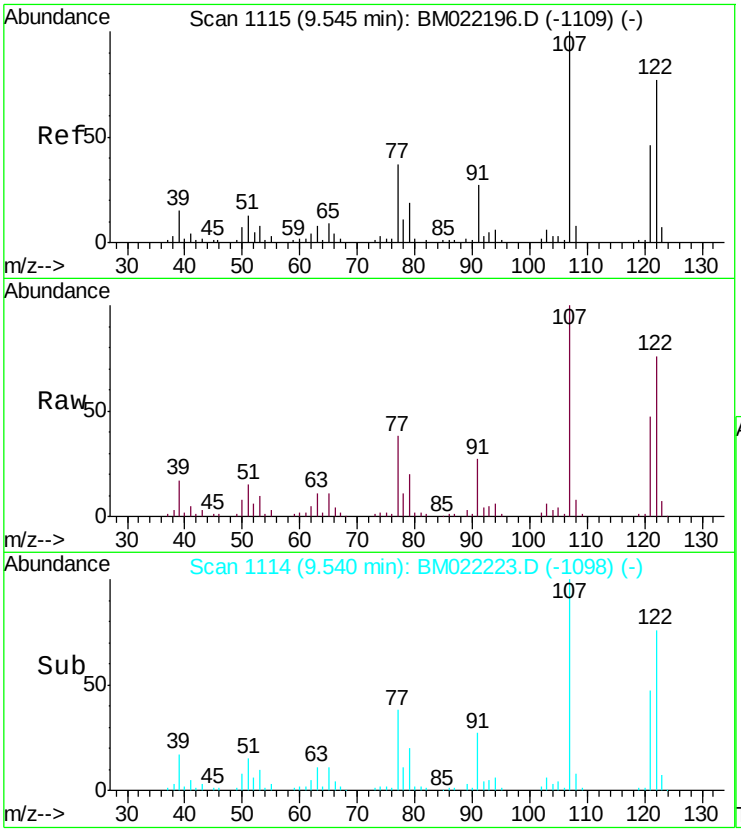


#26
2-Nitrophenol
Concen: 47.106 ng
RT: 9.48 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:139 Resp: 59157

Ion	Ratio	Lower	Upper
139	100		
109	52.9	25.2	37.8#
65	64.0	37.4	56.0#



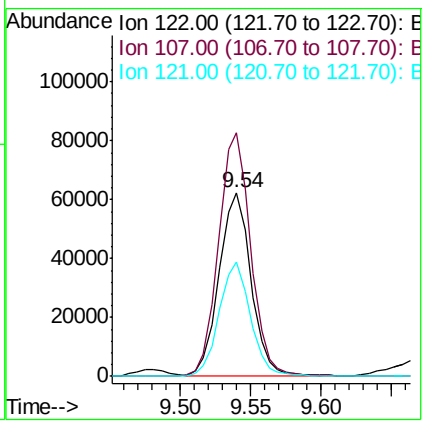


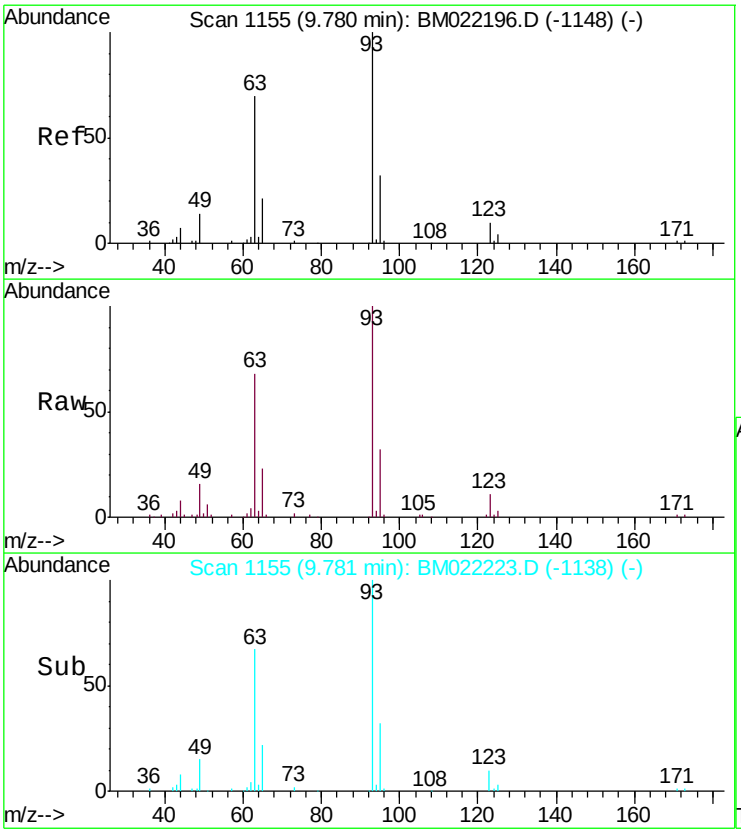
#27
2,4-Dimethylphenol
Concen: 52.172 ng
RT: 9.54 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:122 Resp: 98758

Ion	Ratio	Lower	Upper
122	100		
107	132.3	95.3	142.9
121	62.0	47.5	71.3

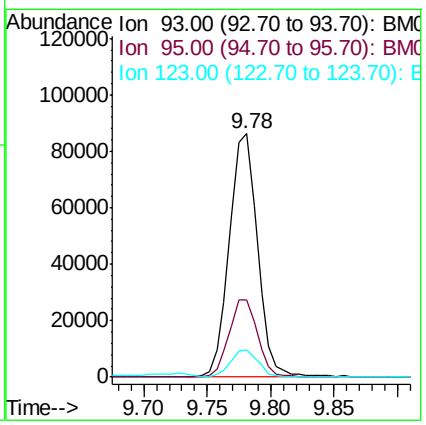


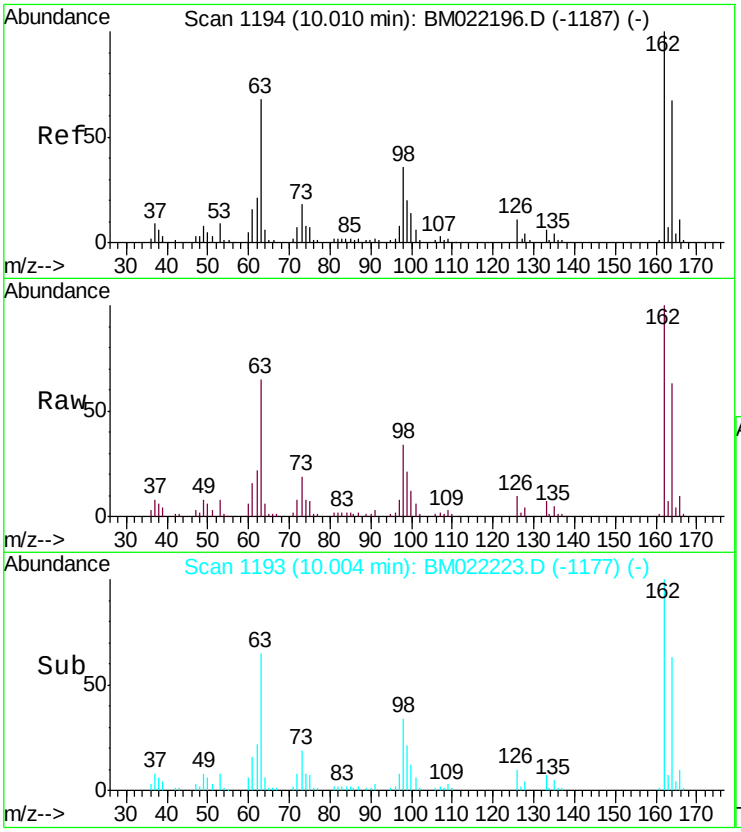


#28
bis(2-Chloroethoxy)methane
Concen: 43.774 ng
RT: 9.78 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion: 93 Resp: 133082

Ion	Ratio	Lower	Upper
93	100		
95	31.7	26.2	39.2
123	11.2	9.0	13.4



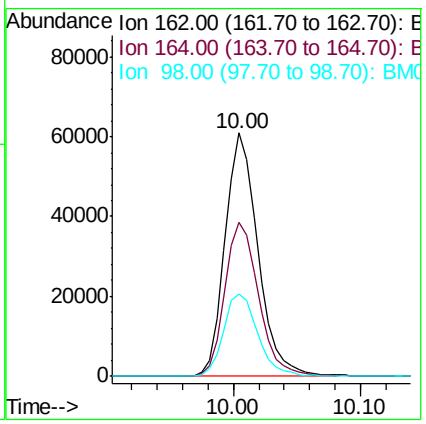


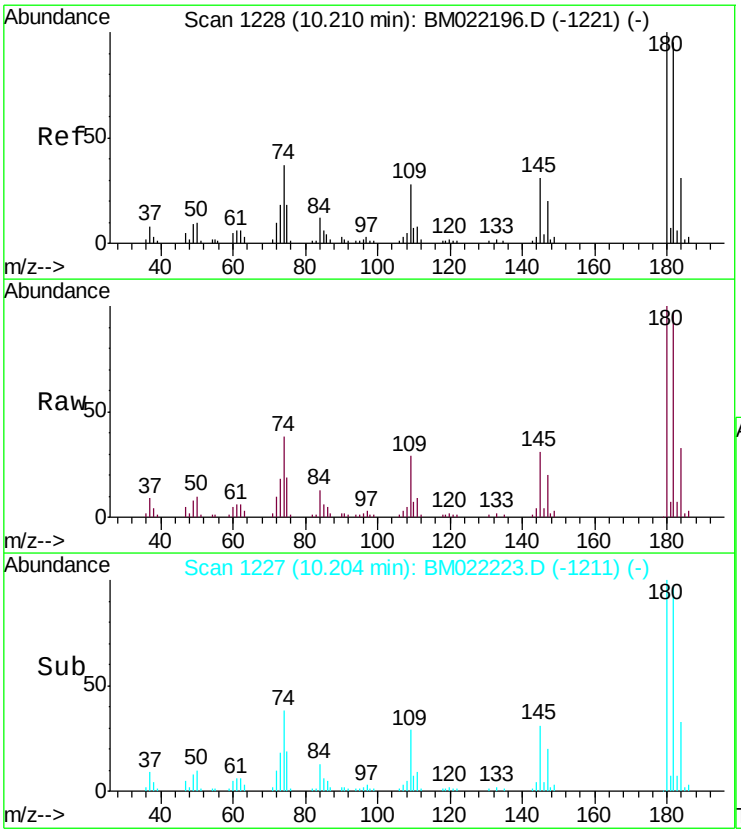
#29
2,4-Dichlorophenol
Concen: 47.975 ng
RT: 10.00 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:162 Resp: 109586

Ion	Ratio	Lower	Upper
162	100		
164	63.0	43.7	83.7
98	34.1	13.4	53.4

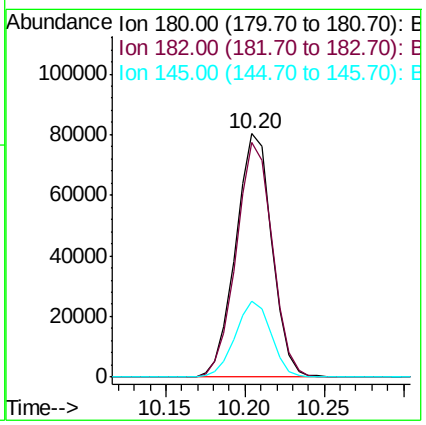


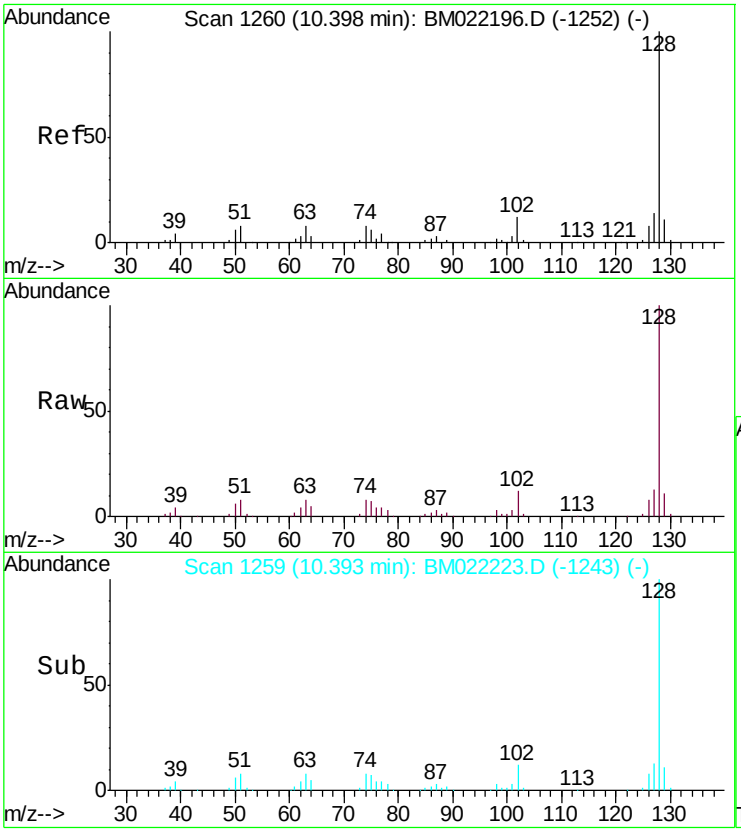


#30
1,2,4-Trichlorobenzene
Concen: 45.250 ng
RT: 10.20 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:180 Resp: 127319

Ion	Ratio	Lower	Upper
180	100		
182	96.6	78.0	117.0
145	31.1	23.4	35.0



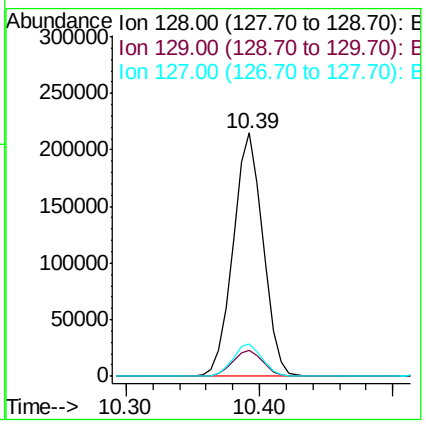


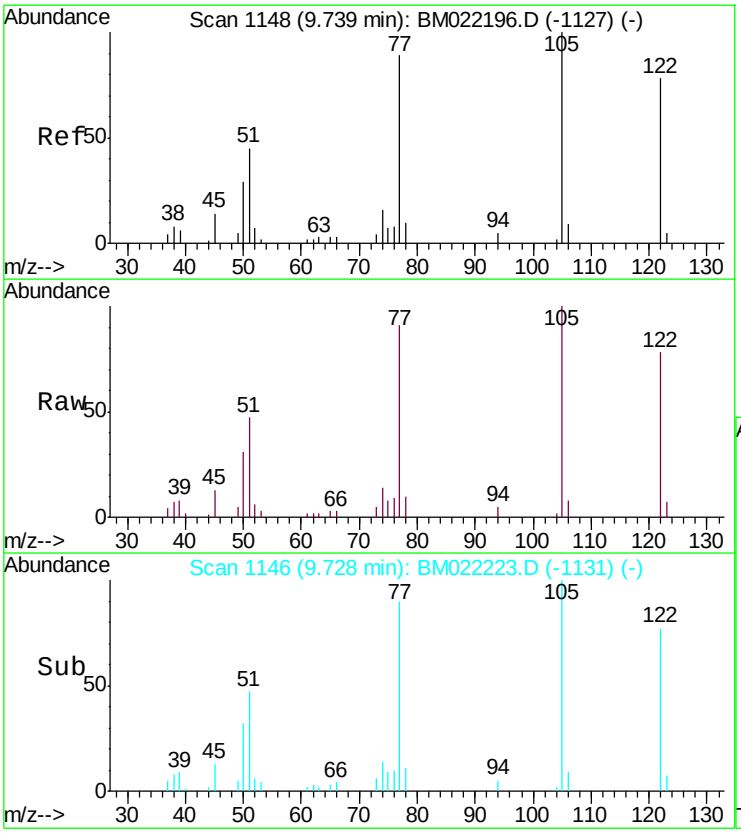
#31
Naphthalene
Concen: 45.571 ng
RT: 10.39 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:128 Resp: 333345

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.1	10.8	16.2

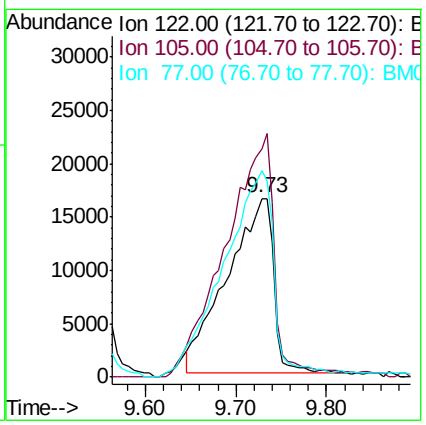


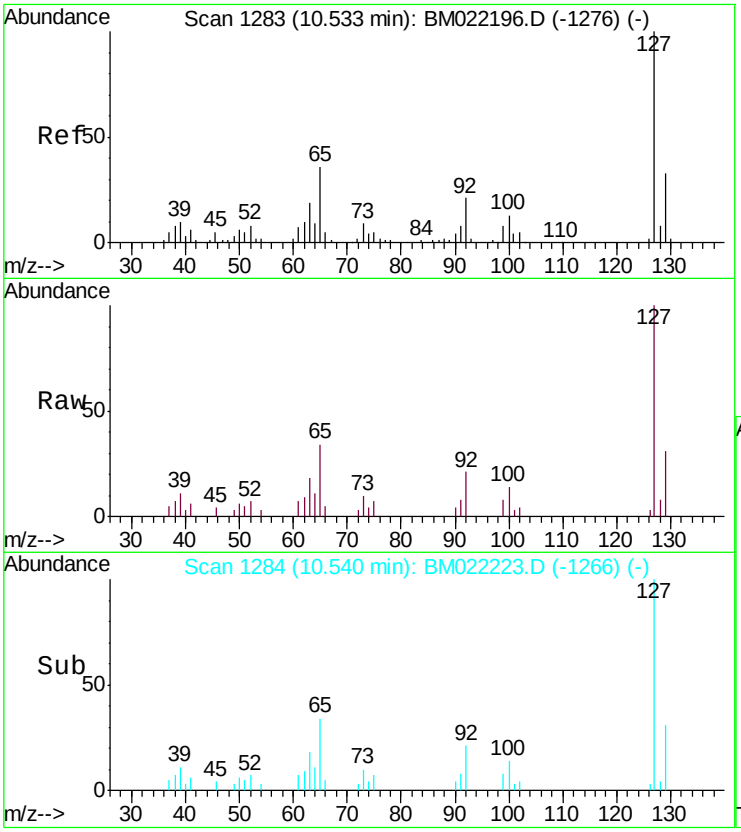


#32
Benzoic acid
Concen: 36.103 ng
RT: 9.73 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:122 Resp: 58339

Ion	Ratio	Lower	Upper
122	100		
105	127.8	108.9	148.9
77	115.8	76.7	116.7



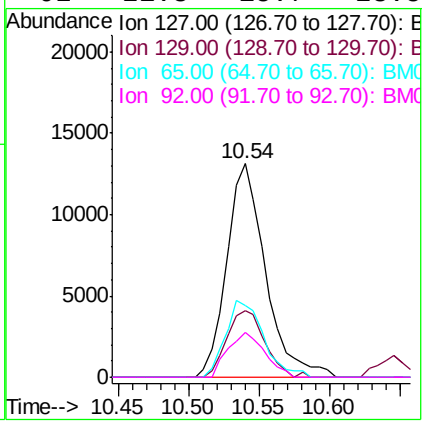


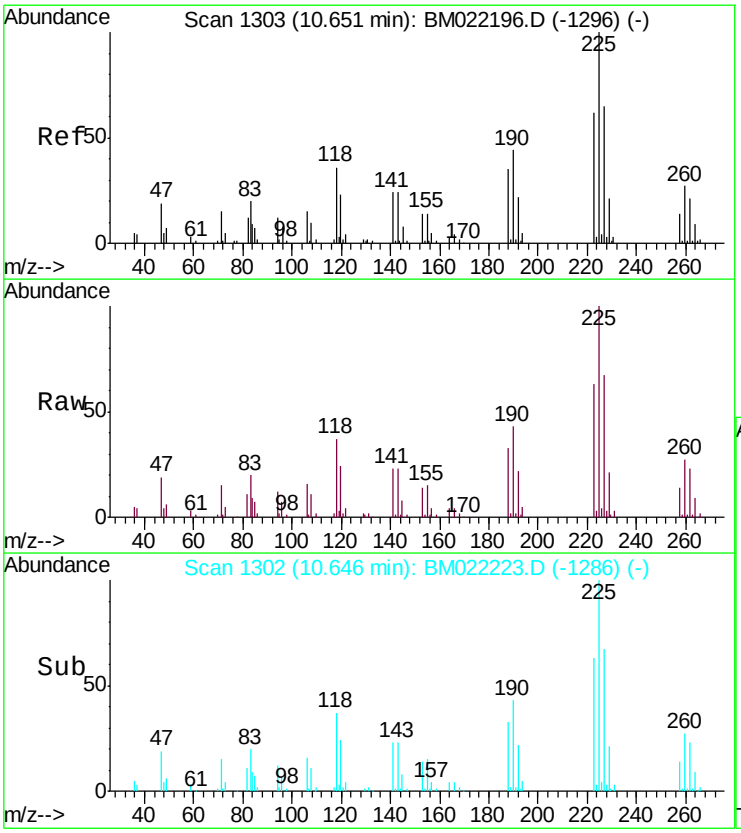
#33
4-Chloroaniline
Concen: 8.213 ng
RT: 10.54 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:127 Resp: 25142

Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.1	37.7
65	33.5	23.8	35.8
92	21.3	15.7	23.5

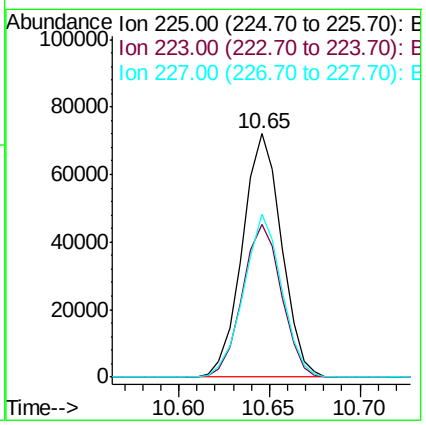


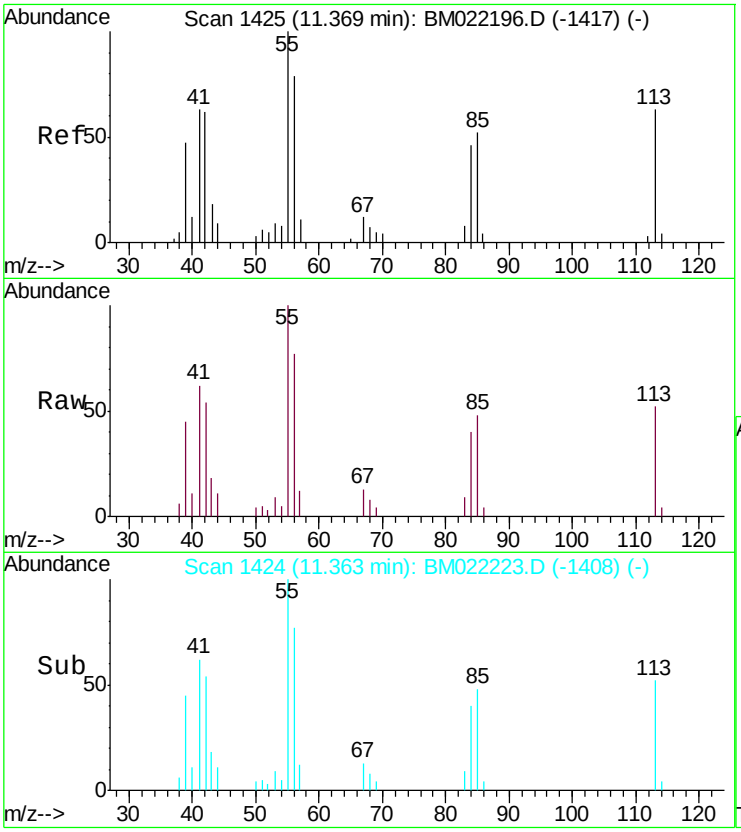


#34
Hexachlorobutadiene
Concen: 44.844 ng
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:225 Resp: 108264

Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.6	74.4
227	67.0	50.4	75.6



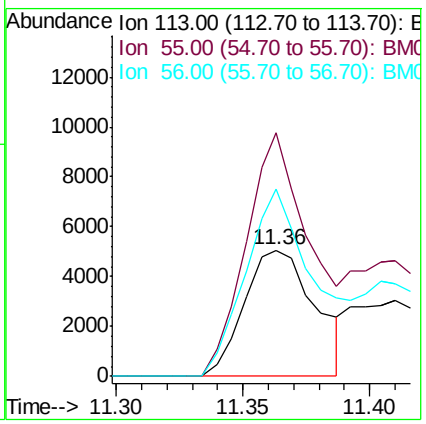


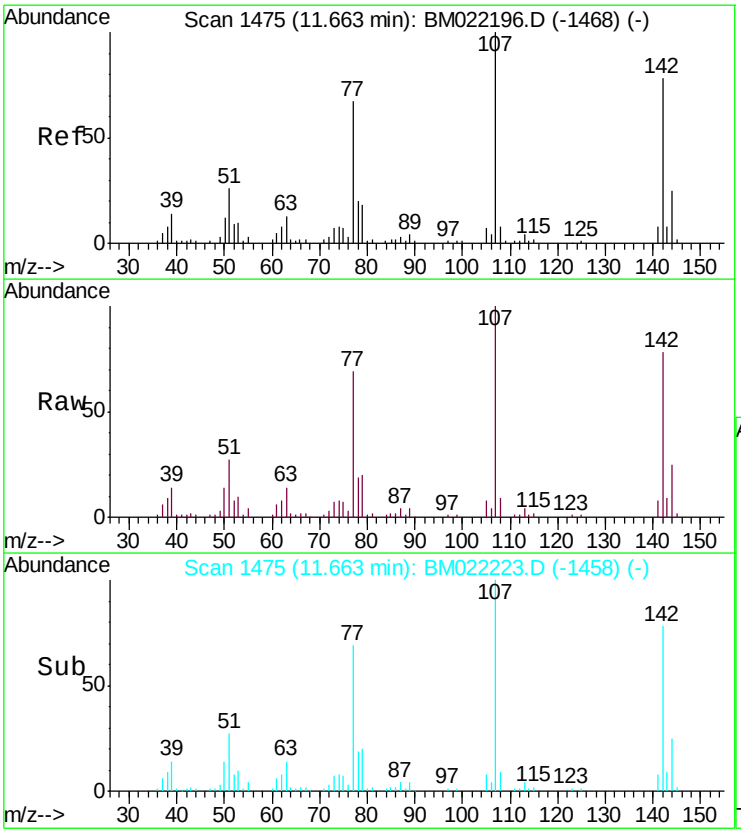
#35
Caprolactam
Concen: 16.050 ng
RT: 11.36 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:113 Resp: 9855

Ion	Ratio	Lower	Upper
113	100		
55	192.7	129.8	169.8#
56	147.8	94.3	134.3#

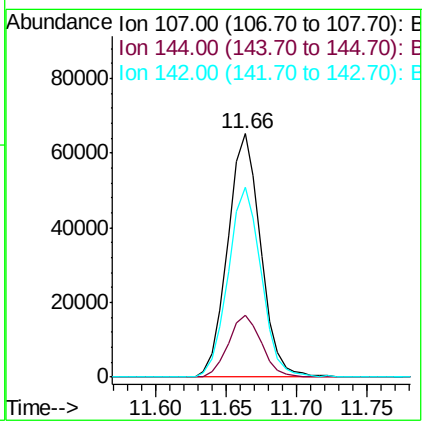


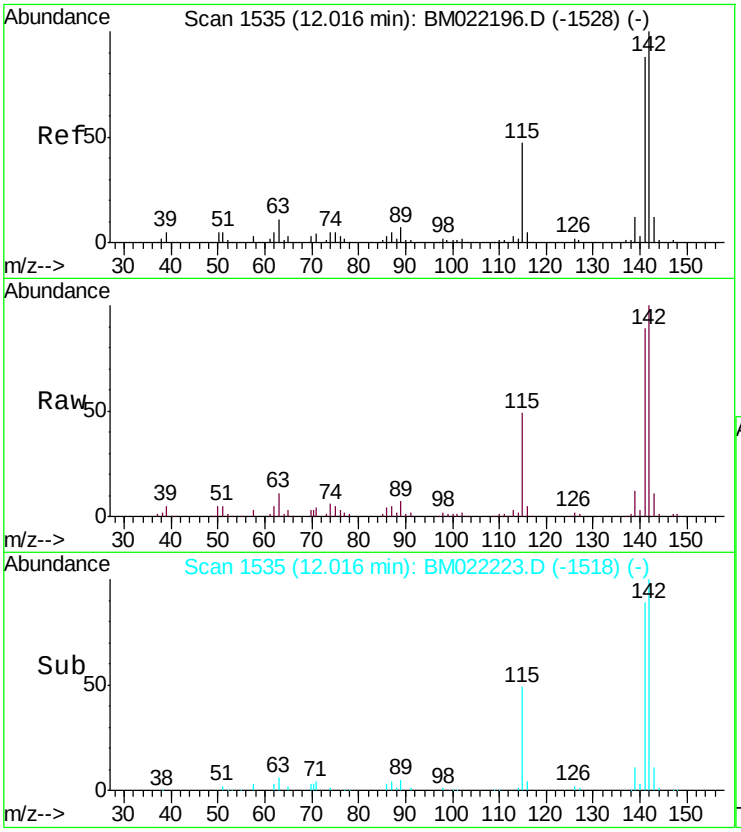


#36
4-Chloro-3-methylphenol
Concen: 44.028 ng
RT: 11.66 min Scan# 1475
Delta R.T. 0.00 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:107 Resp: 106303

Ion	Ratio	Lower	Upper
107	100		
144	25.5	21.3	31.9
142	77.8	64.9	97.3



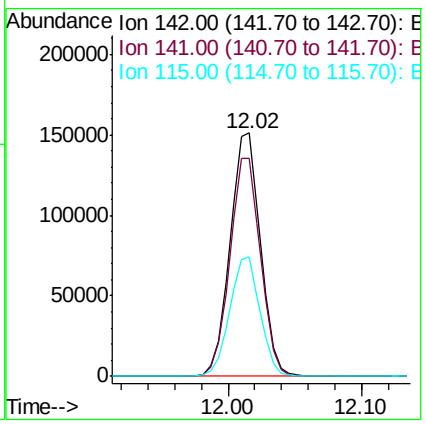


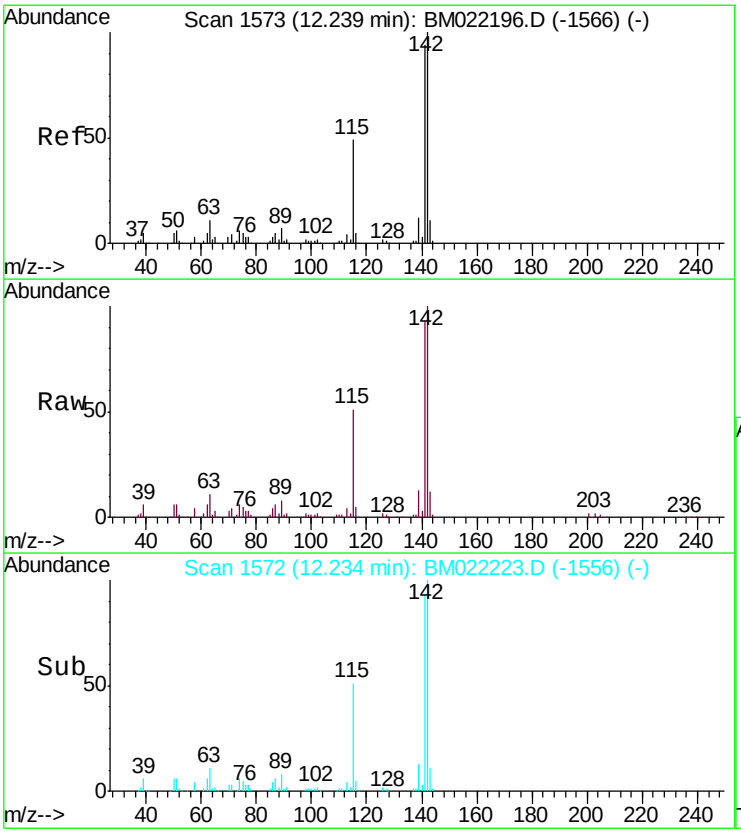
#37
2-Methylnaphthalene
Concen: 44.809 ng
RT: 12.02 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:142 Resp: 239577

Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.2	108.2
115	48.9	27.9	41.9#

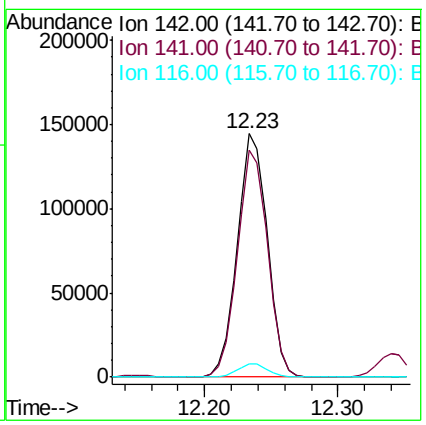


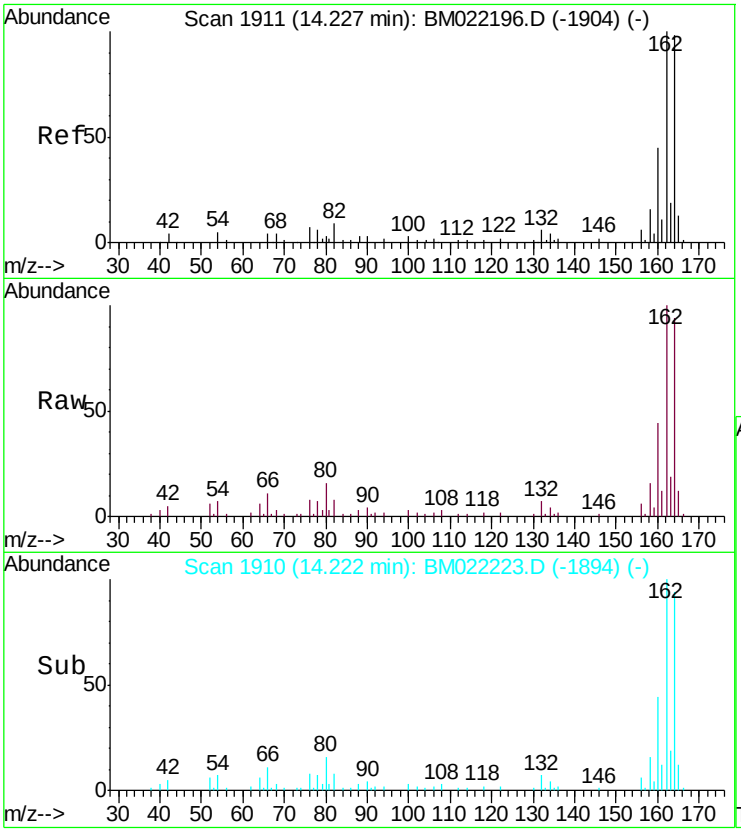


#38
1-Methylnaphthalene
Concen: 43.946 ng
RT: 12.23 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:142 Resp: 224428

Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.9	110.9
116	5.4	3.0	4.6#



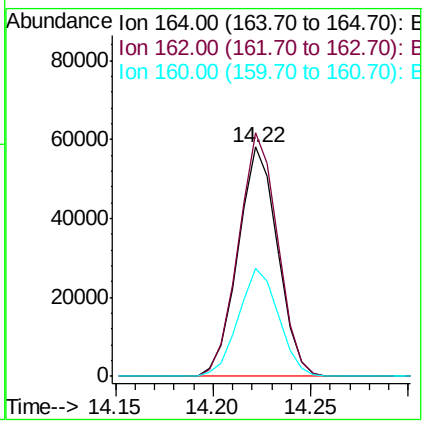


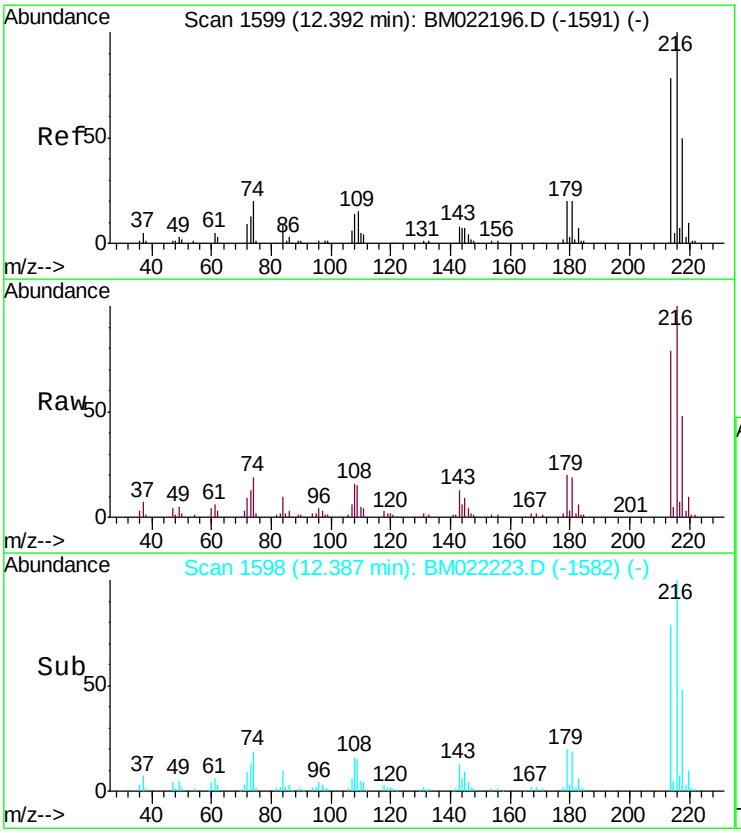
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:164 Resp: 81658

Ion	Ratio	Lower	Upper
164	100		
162	106.3	82.1	123.1
160	47.1	37.1	55.7

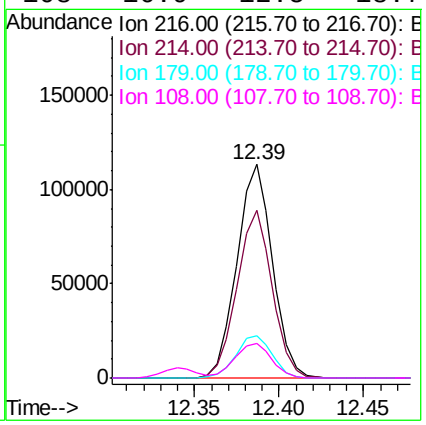


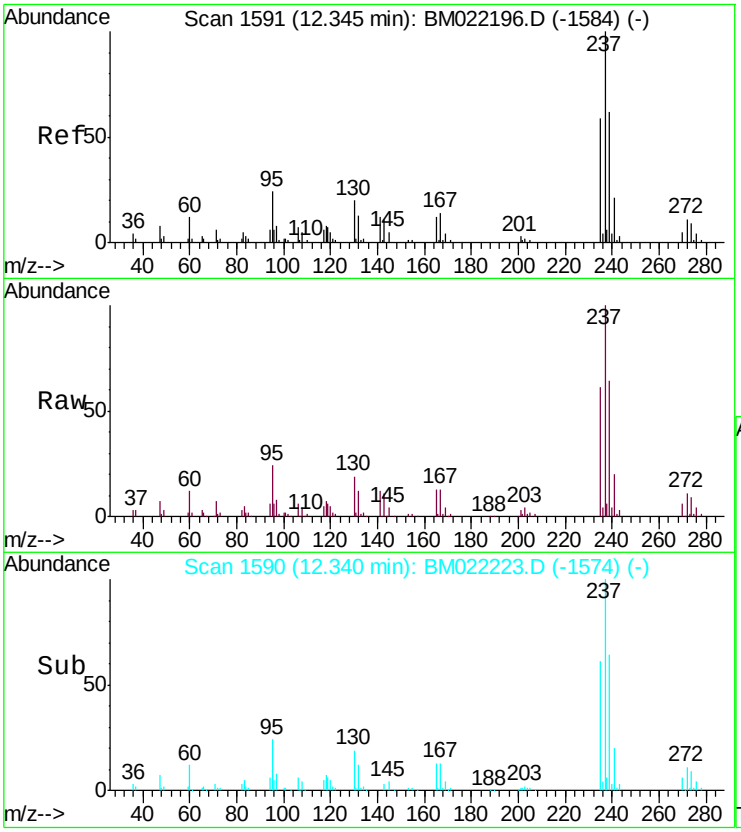


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.776 ng
RT: 12.39 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:216 Resp: 165496

Ion	Ratio	Lower	Upper
216	100		
214	77.7	63.0	94.6
179	20.2	16.4	24.6
108	16.9	12.5	18.7



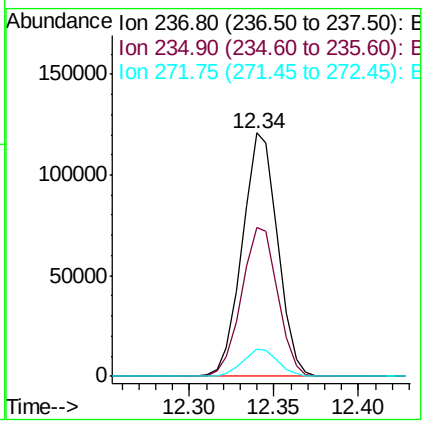


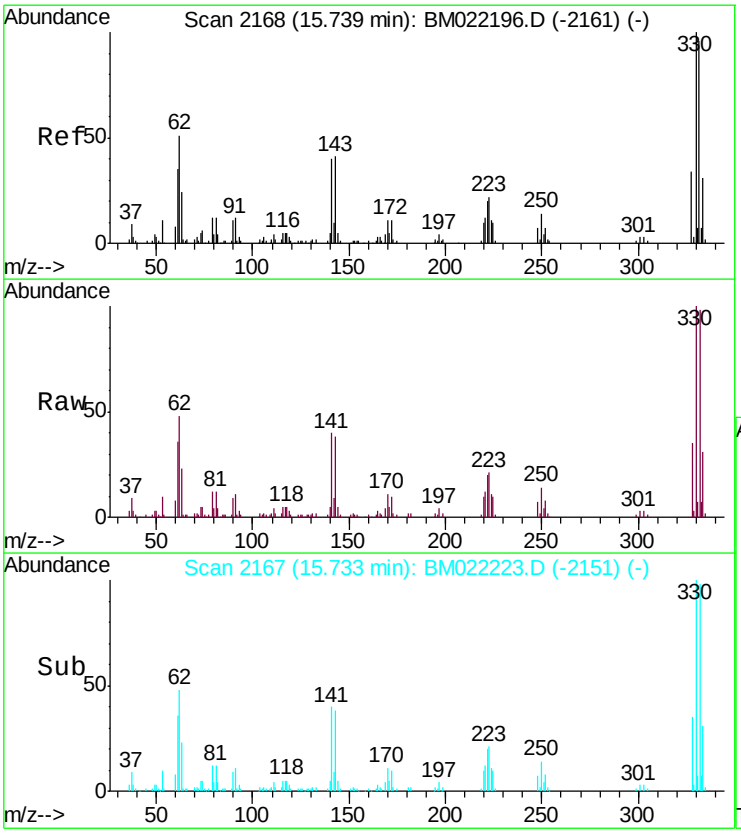
#41
Hexachlorocyclopentadiene
Concen: 92.250 ng
RT: 12.34 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:237 Resp: 176201

Ion	Ratio	Lower	Upper
237	100		
235	61.4	41.7	81.7
272	11.3	0.0	34.1

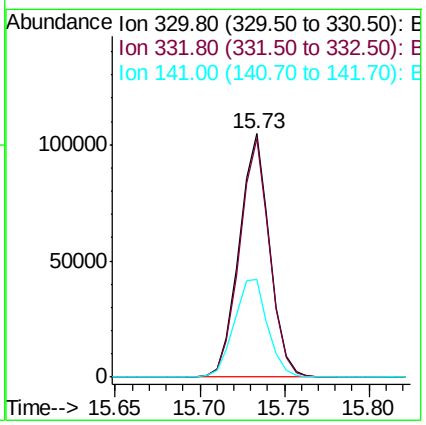


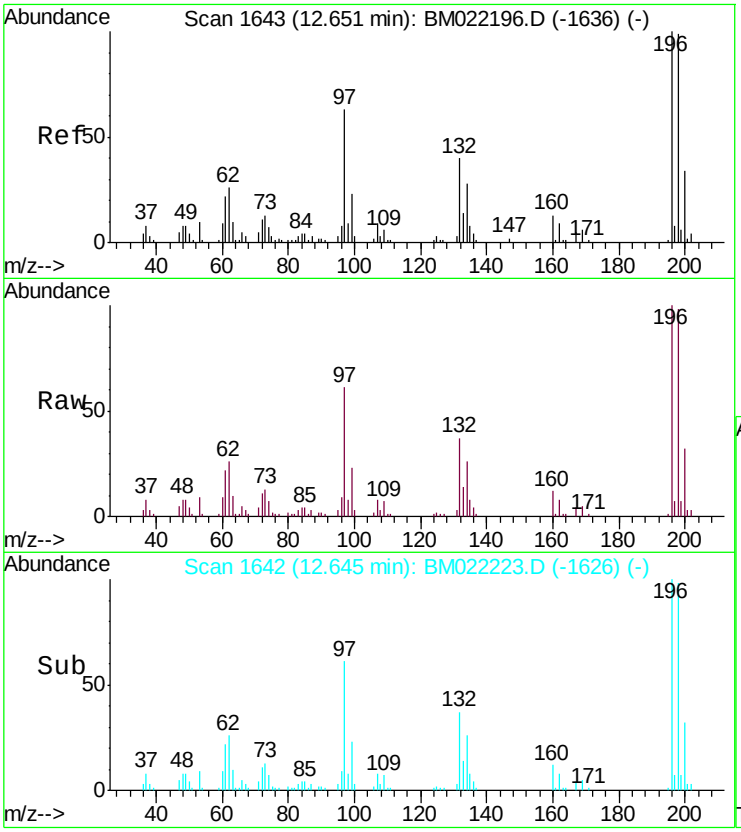


#42
2,4,6-Tribromophenol
Concen: 99.572 ng
RT: 15.73 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:330 Resp: 131605

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	43.9	21.8	32.8#



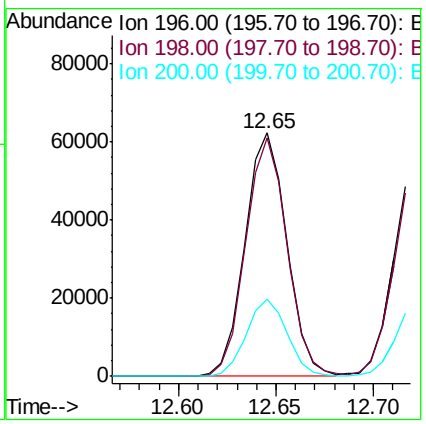


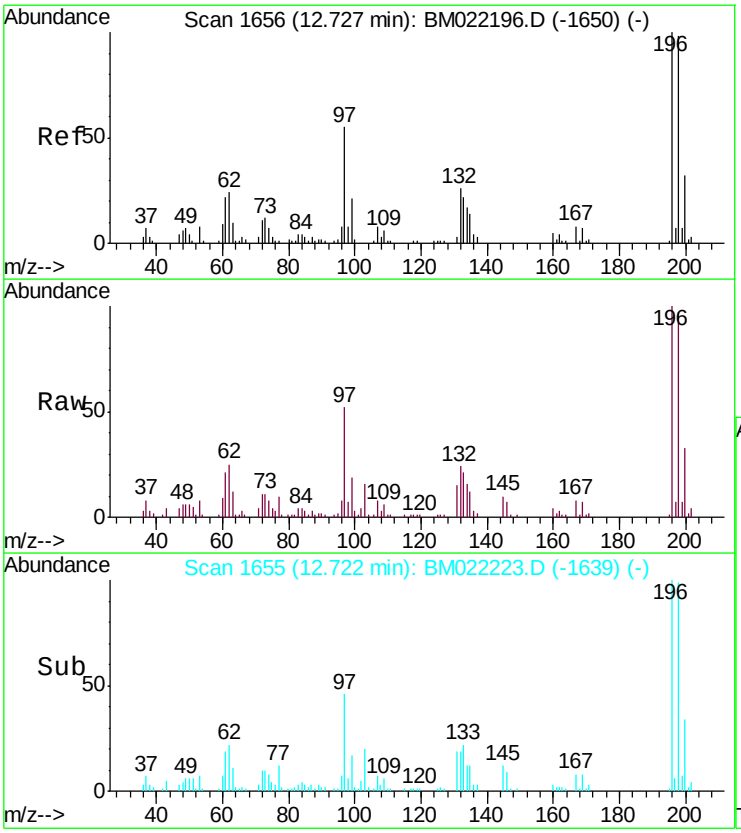
#43
2,4,6-Trichlorophenol
Concen: 48.176 ng
RT: 12.65 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:196 Resp: 92309

Ion	Ratio	Lower	Upper
196	100		
198	97.8	76.7	115.1
200	31.8	24.2	36.4

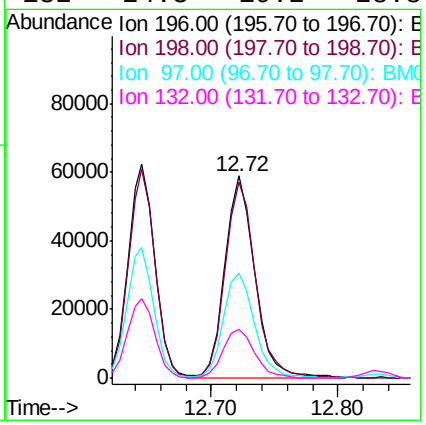


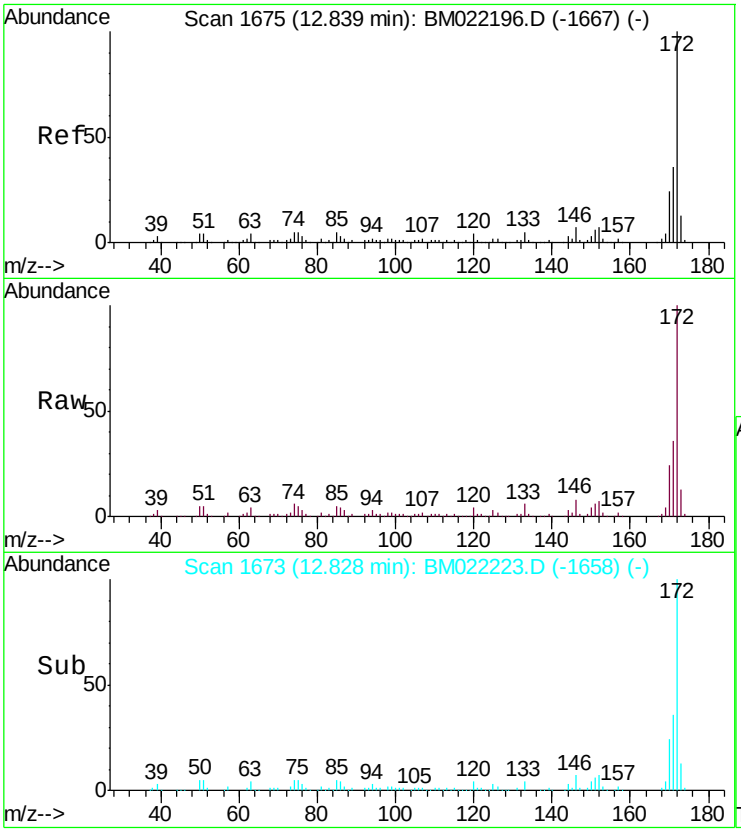


#44
2,4,5-Trichlorophenol
Concen: 49.489 ng
RT: 12.72 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:196 Resp: 96253

Ion	Ratio	Lower	Upper
196	100		
198	97.3	78.2	117.4
97	52.3	34.1	51.1#
132	24.3	19.2	28.8



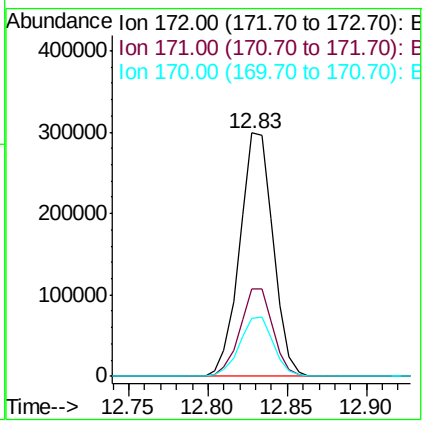


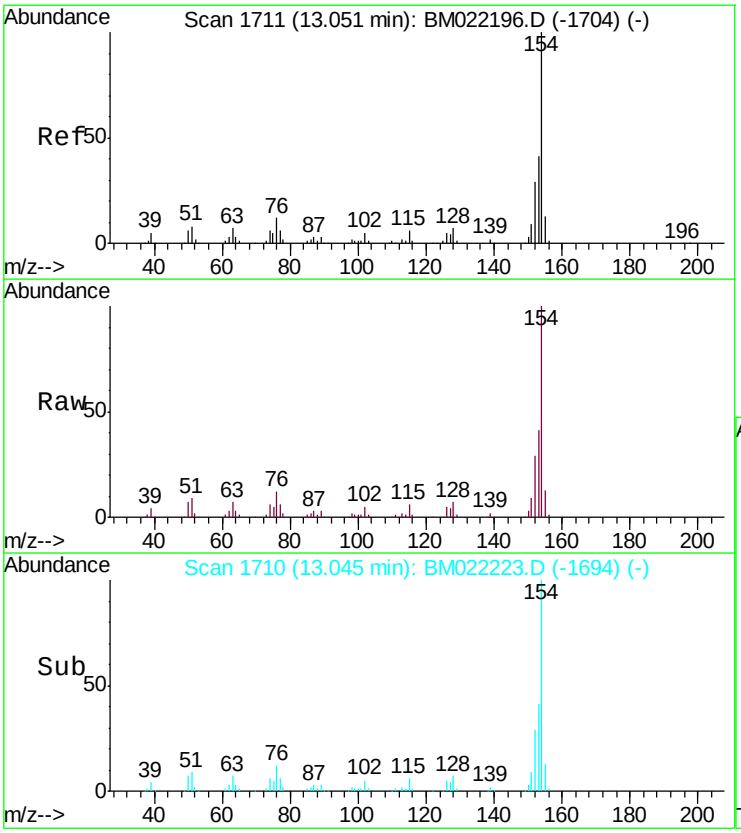
#45
2-Fluorobiphenyl
Concen: 66.839 ng
RT: 12.83 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:172 Resp: 436987

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.1	18.7	28.1

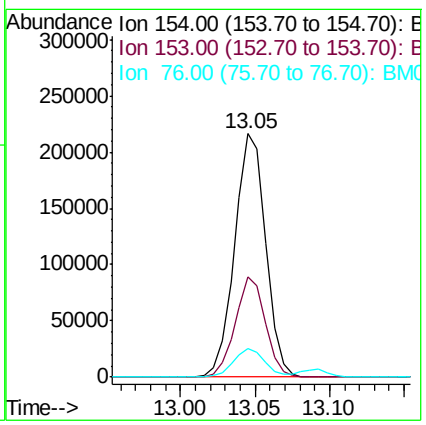


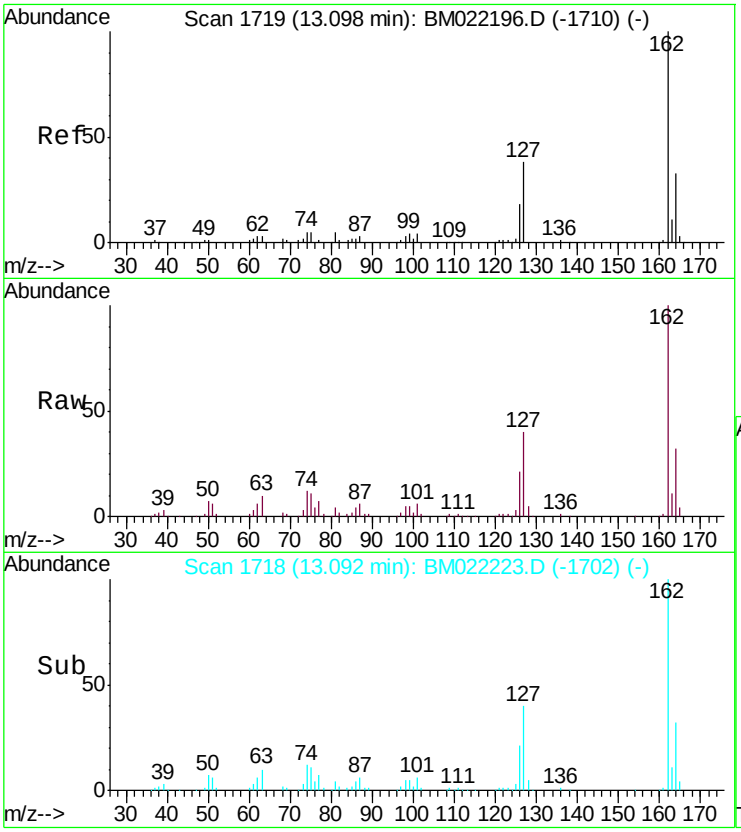


#46
1,1'-Biphenyl
Concen: 48.476 ng
RT: 13.05 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:154 Resp: 311308

Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.3	61.3
76	11.9	0.0	30.9



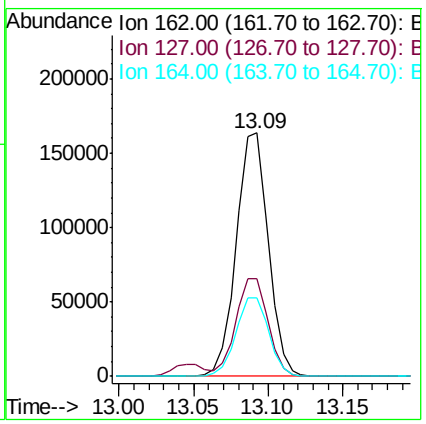


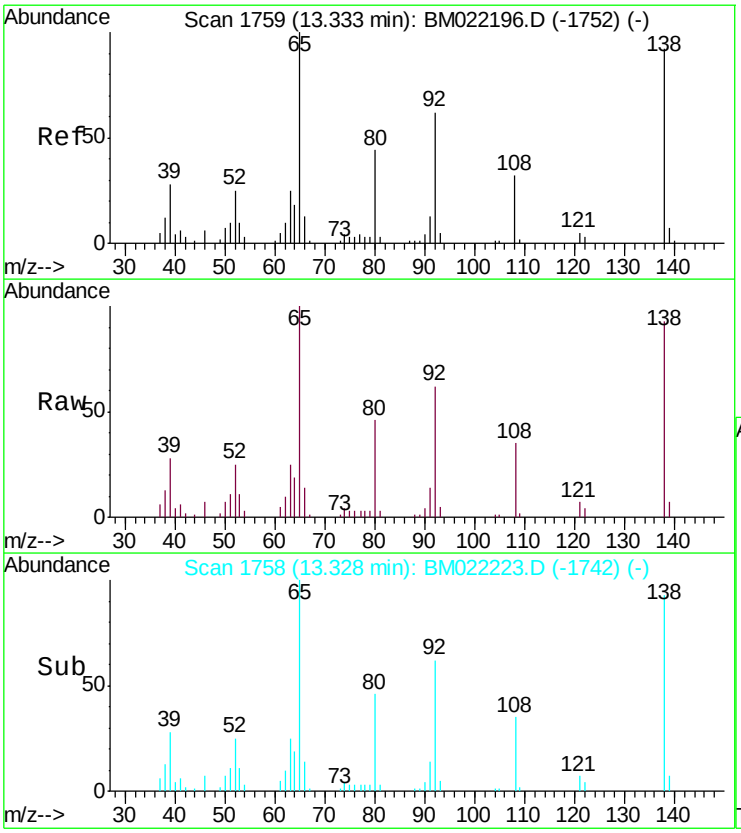
#47
2-Chloronaphthalene
Concen: 46.064 ng
RT: 13.09 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:162 Resp: 243456

Ion	Ratio	Lower	Upper
162	100		
127	40.0	29.4	44.2
164	32.0	26.5	39.7

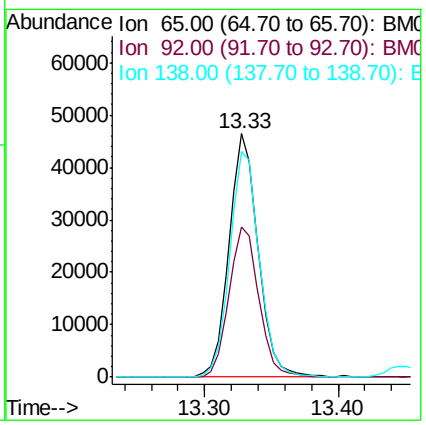


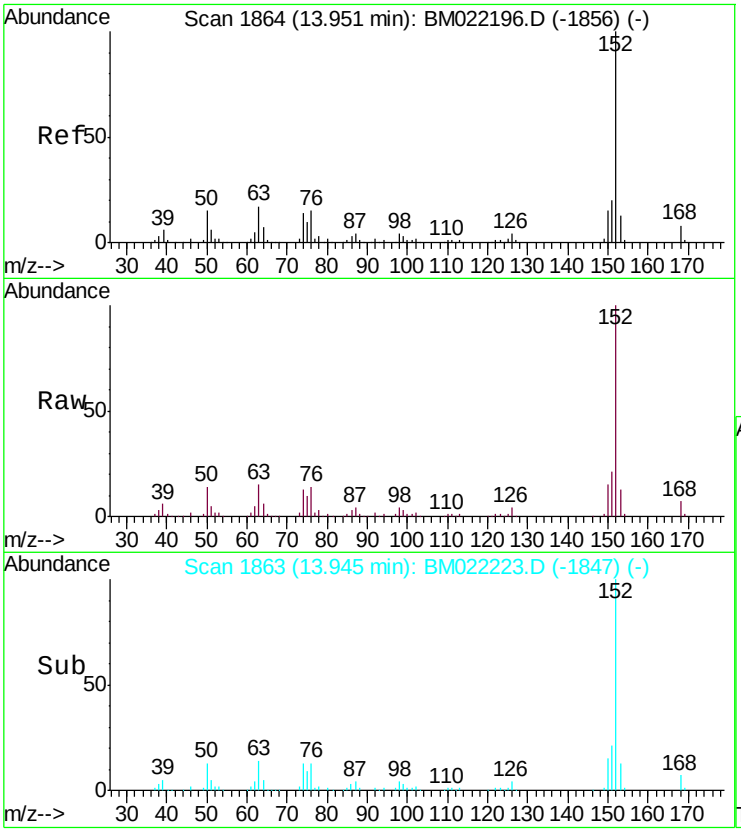


#48
2-Nitroaniline
Concen: 42.301 ng
RT: 13.33 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion: 65 Resp: 70667

Ion	Ratio	Lower	Upper
65	100		
92	61.6	56.3	84.5
138	92.7	92.6	139.0



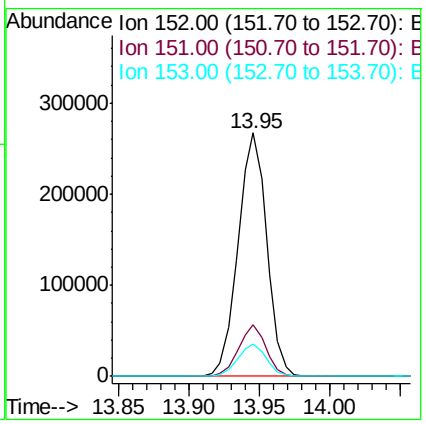


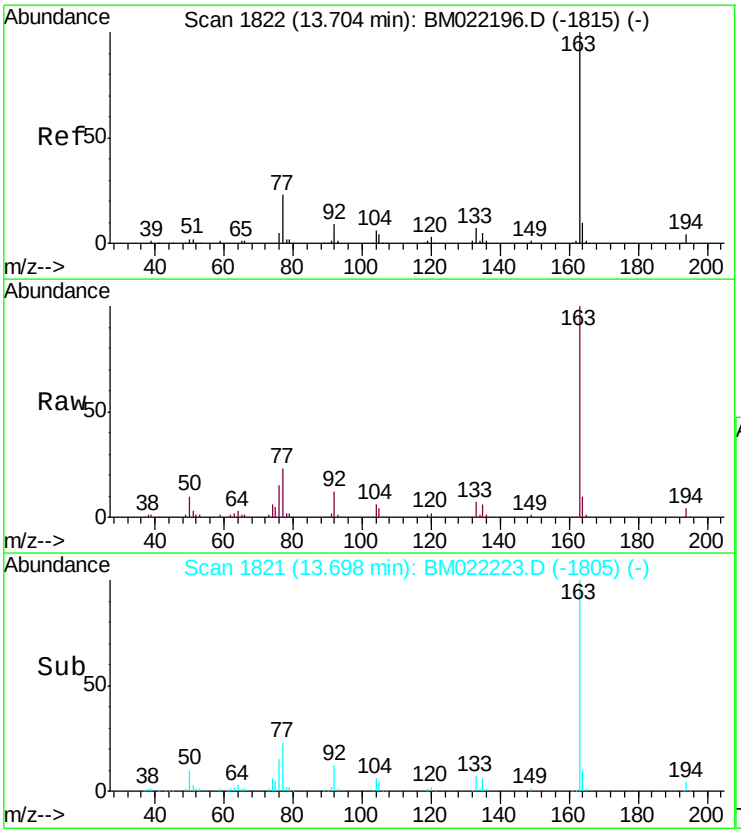
#49
Acenaphthylene
Concen: 46.723 ng
RT: 13.95 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:152 Resp: 378769

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.1	24.1
153	13.4	10.6	16.0

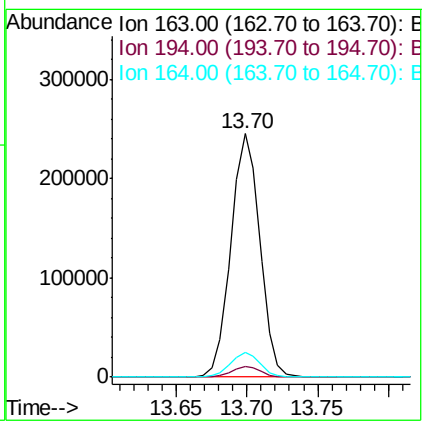


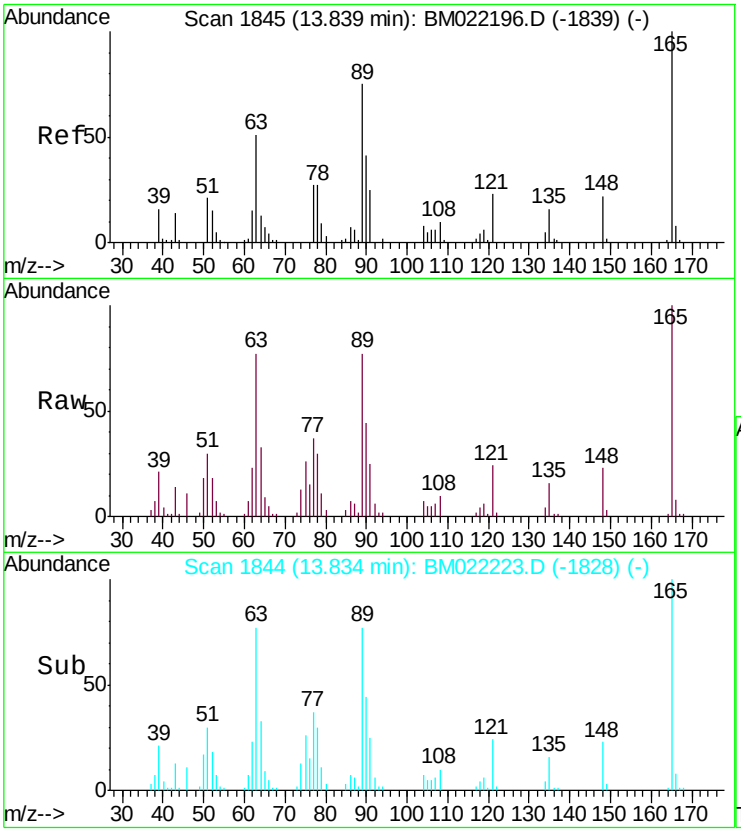


#50
Dimethylphthalate
Concen: 50.937 ng
RT: 13.70 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:163 Resp: 349701

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.1	8.2	12.2



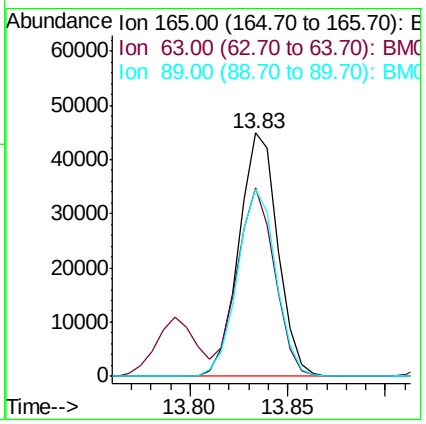


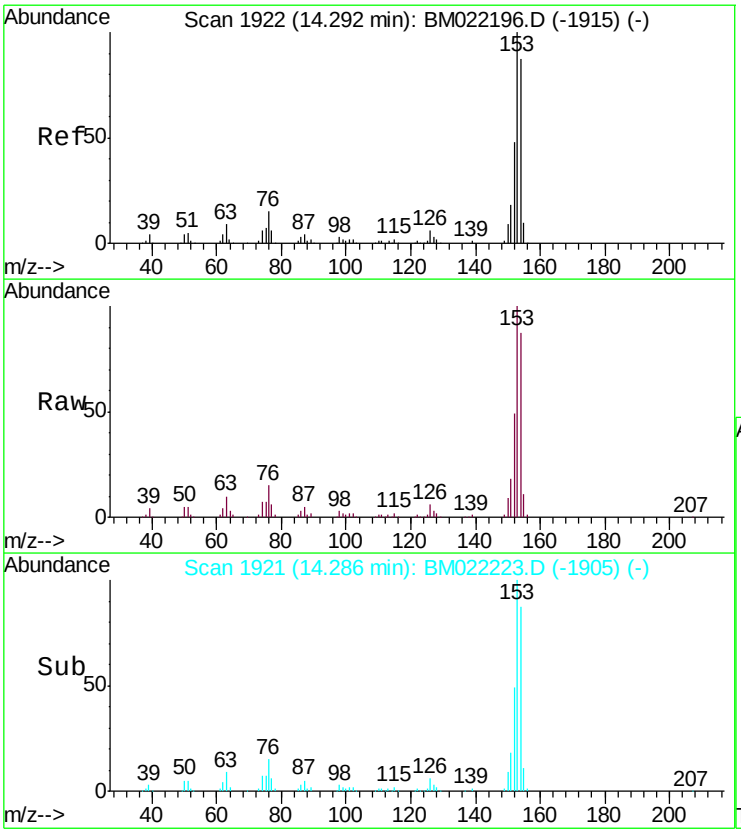
#51
2,6-Dinitrotoluene
Concen: 45.615 ng
RT: 13.83 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:165 Resp: 61844

Ion	Ratio	Lower	Upper
165	100		
63	77.3	37.8	56.6#
89	76.8	39.7	59.5#

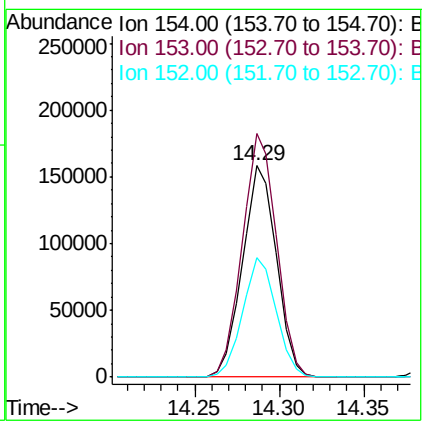


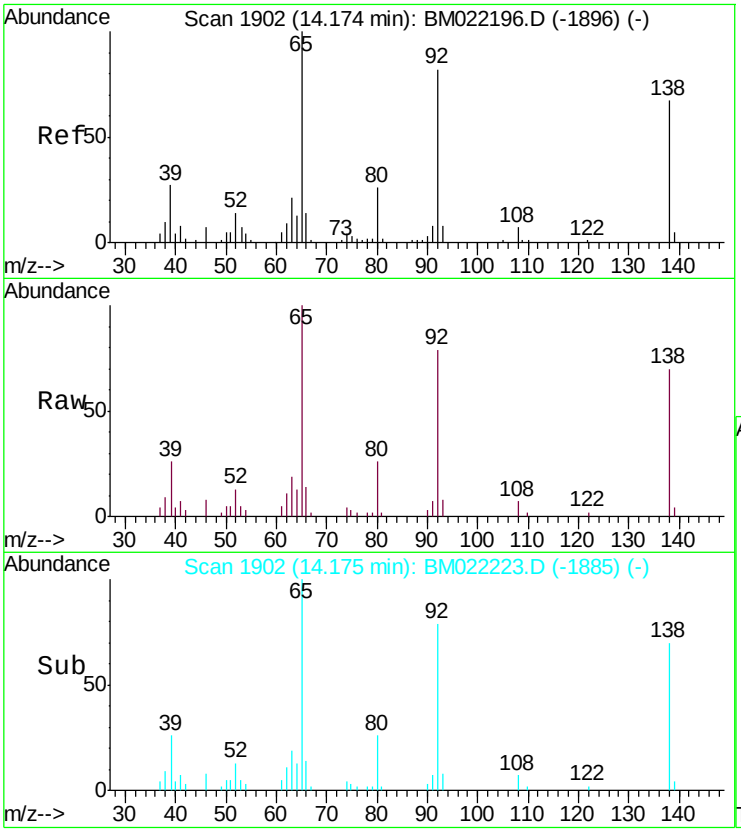


#52
Acenaphthene
Concen: 46.900 ng
RT: 14.29 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:154 Resp: 221722

Ion	Ratio	Lower	Upper
154	100		
153	115.2	91.5	137.3
152	56.4	42.3	63.5



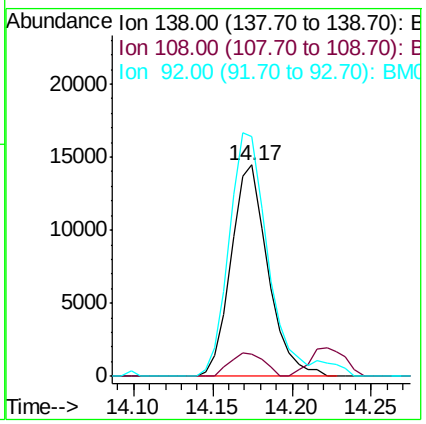


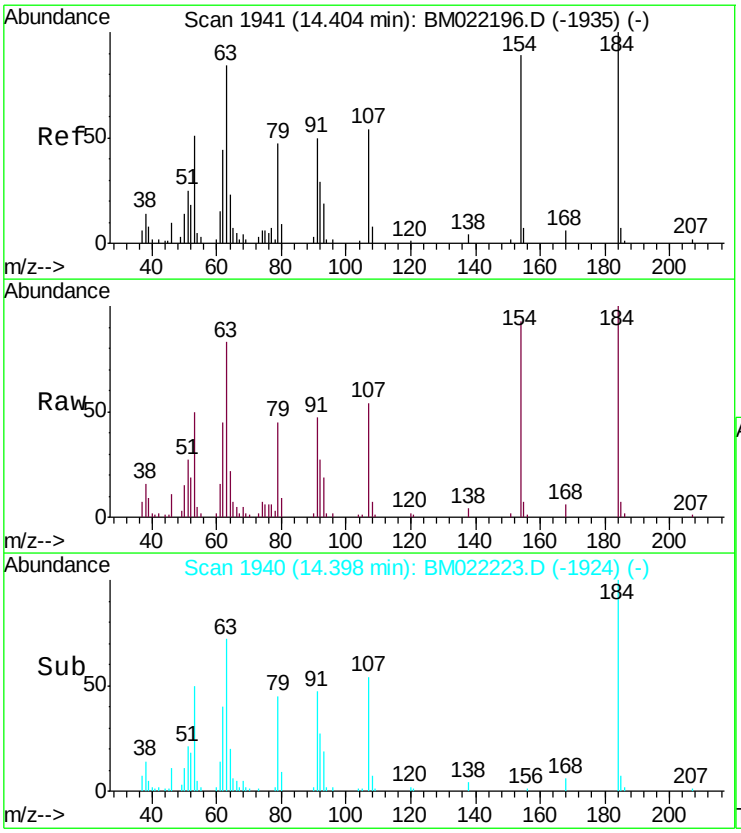
#53
3-Nitroaniline
Concen: 17.318 ng
RT: 14.17 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:138 Resp: 23382

Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.0	13.4
92	113.3	92.2	138.2

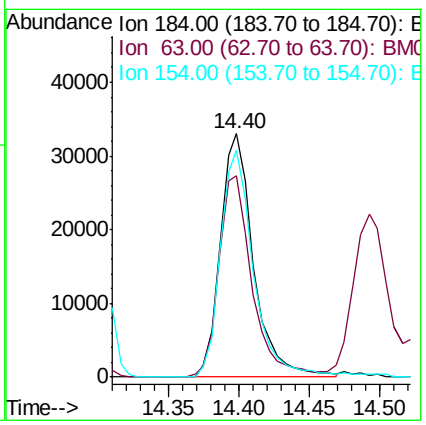


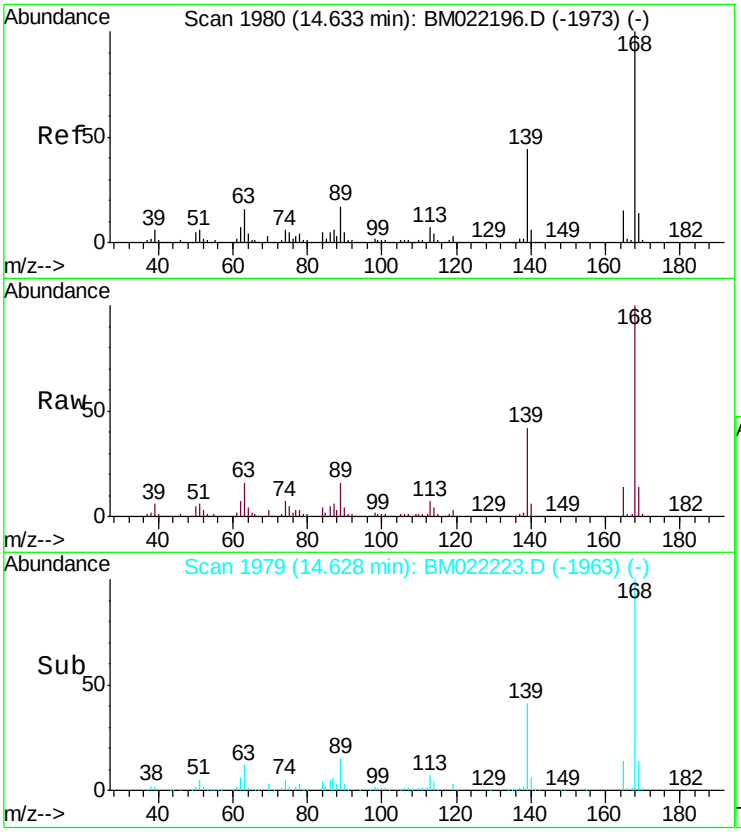


#54
2,4-Dinitrophenol
Concen: 70.151 ng
RT: 14.40 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:184 Resp: 53661

Ion	Ratio	Lower	Upper
184	100		
63	82.6	45.5	68.3#
154	93.4	50.6	76.0#



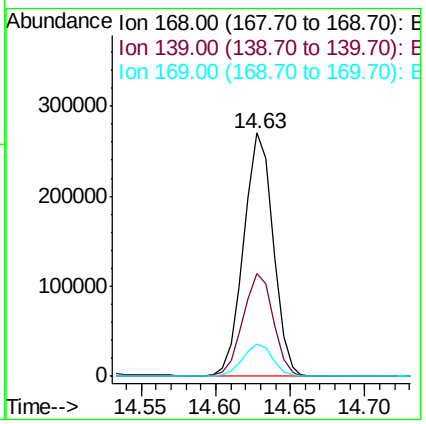


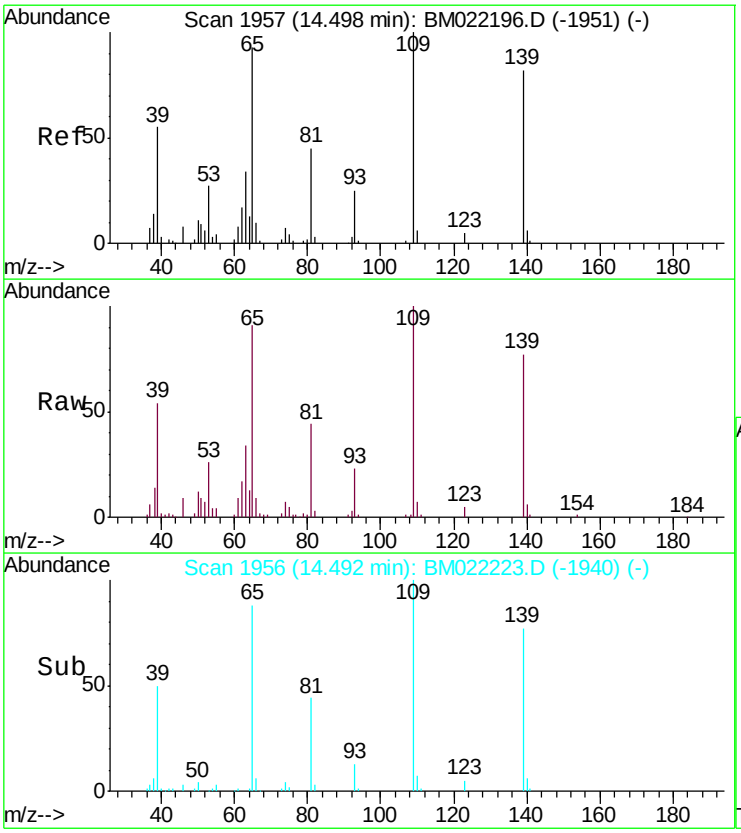
#55
Dibenzofuran
Concen: 46.893 ng
RT: 14.63 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:168 Resp: 368380

Ion	Ratio	Lower	Upper
168	100		
139	42.2	28.4	42.6
169	13.5	10.6	16.0

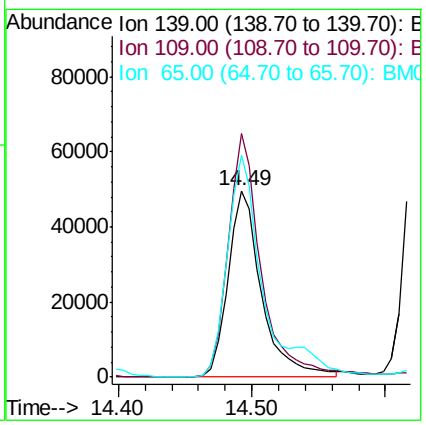


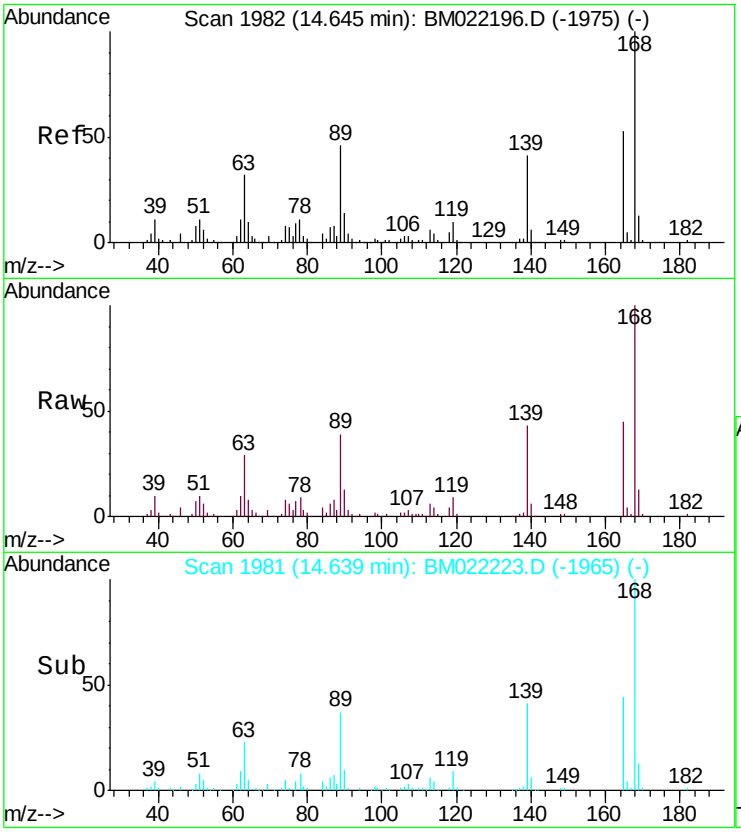


#56
4-Nitrophenol
Concen: 96.639 ng
RT: 14.49 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:139 Resp: 86963

Ion	Ratio	Lower	Upper
139	100		
109	130.5	53.3	93.3#
65	118.6	70.3	110.3#



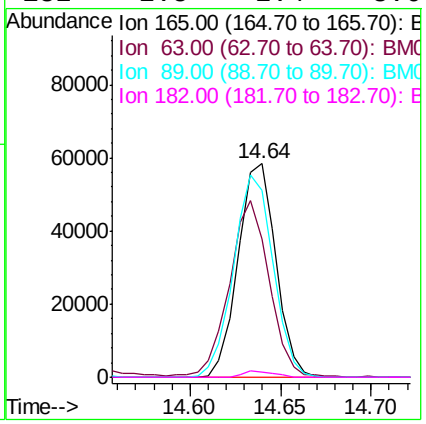


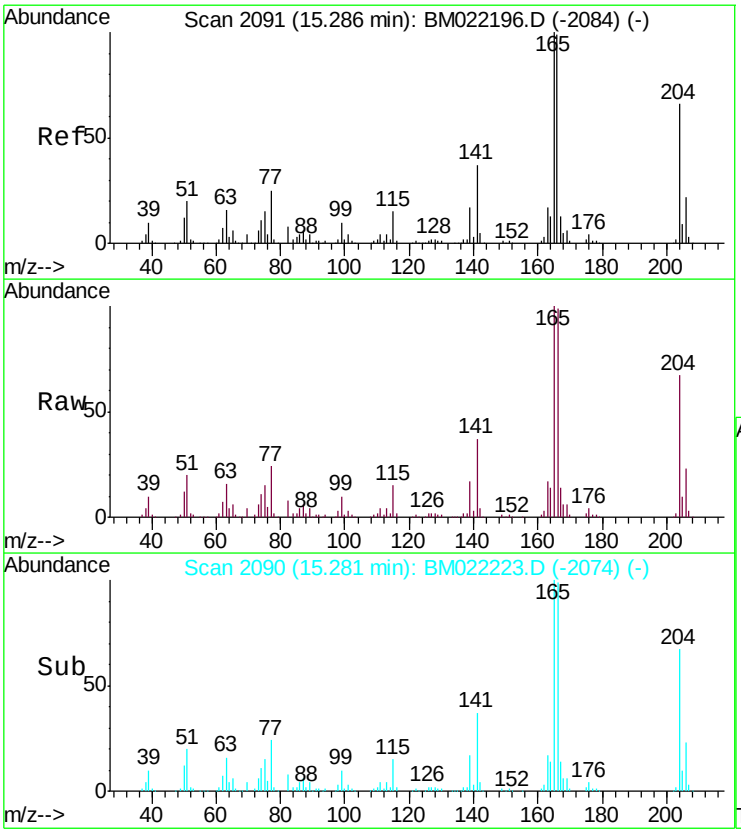
#57
2,4-Dinitrotoluene
Concen: 43.412 ng
RT: 14.64 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:165 Resp: 84497

Ion	Ratio	Lower	Upper
165	100		
63	64.6	29.6	44.4#
89	87.5	49.5	74.3#
182	2.5	2.4	3.6

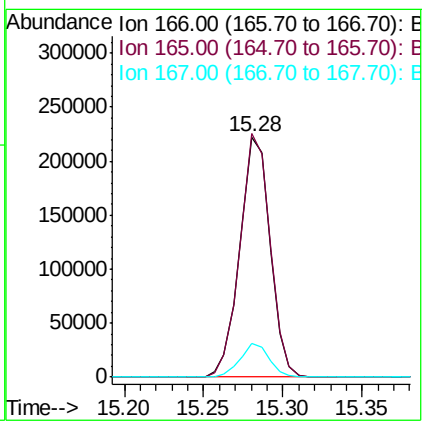


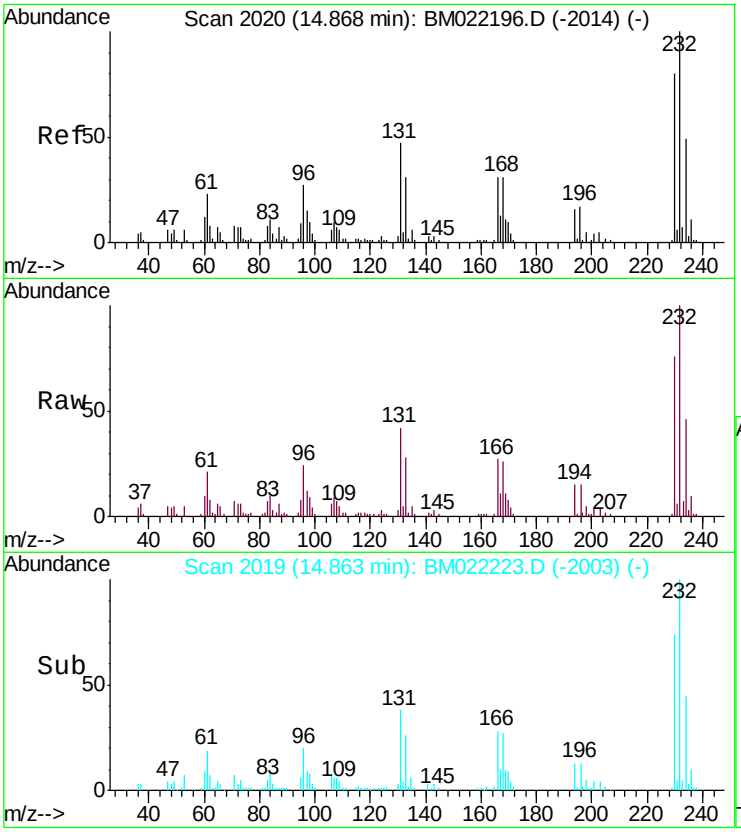


#58
Fluorene
Concen: 44.726 ng
RT: 15.28 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:166 Resp: 296203

Ion	Ratio	Lower	Upper
166	100		
165	101.4	78.6	117.8
167	14.0	10.9	16.3



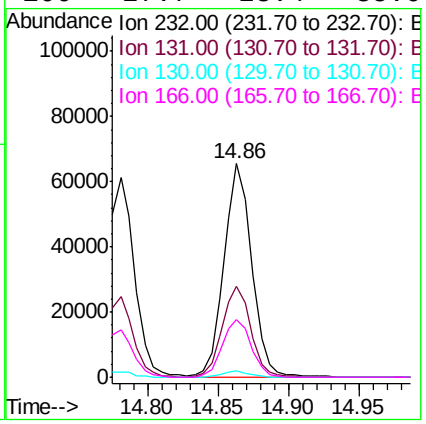


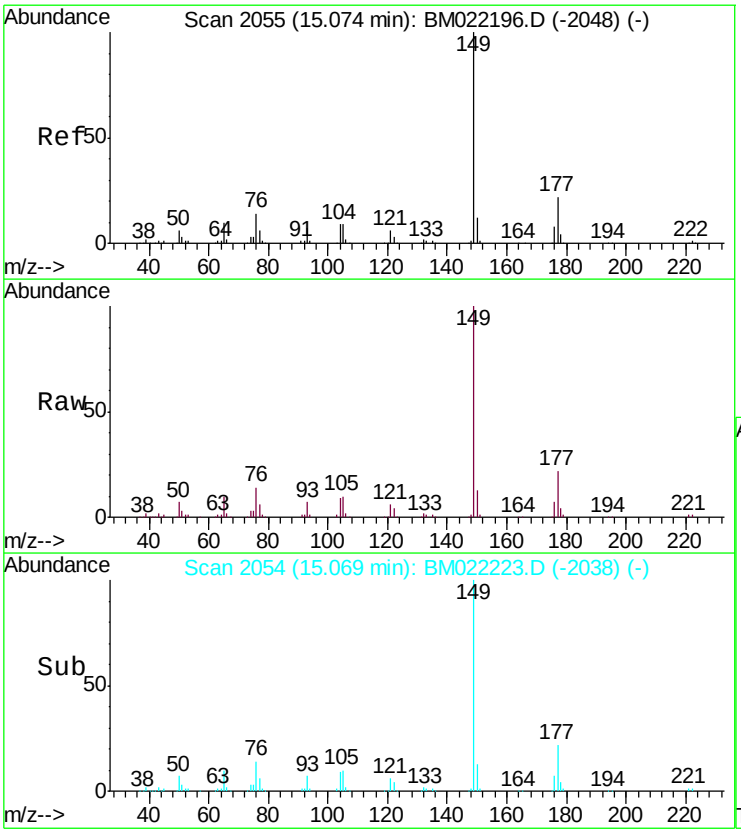
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.415 ng
RT: 14.86 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:232 Resp: 90003

Ion	Ratio	Lower	Upper
232	100		
131	43.5	30.6	46.0
130	2.8	1.7	2.5#
166	27.7	23.4	35.0

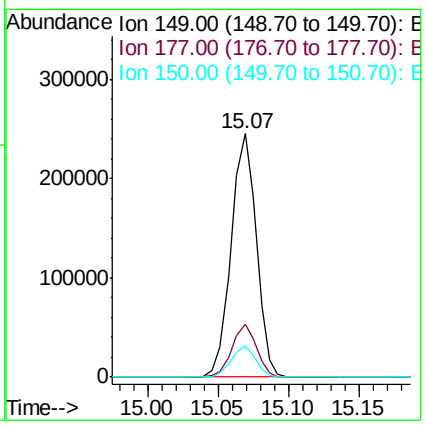


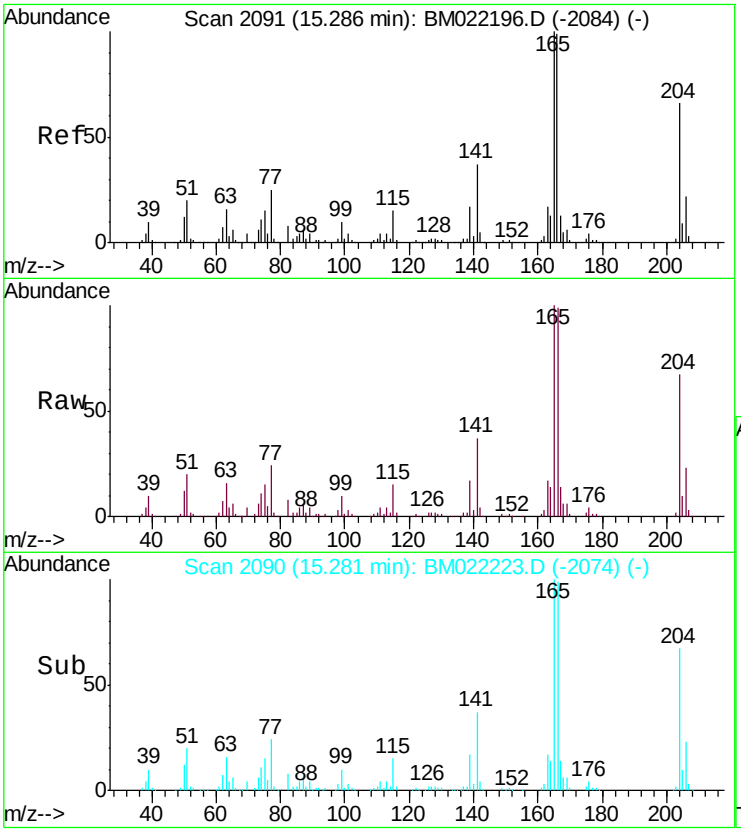


#60
Diethylphthalate
Concen: 42.144 ng
RT: 15.07 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:149 Resp: 305111

Ion	Ratio	Lower	Upper
149	100		
177	21.5	19.1	28.7
150	12.9	10.1	15.1



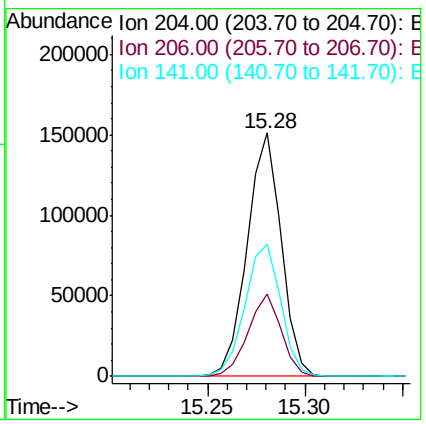


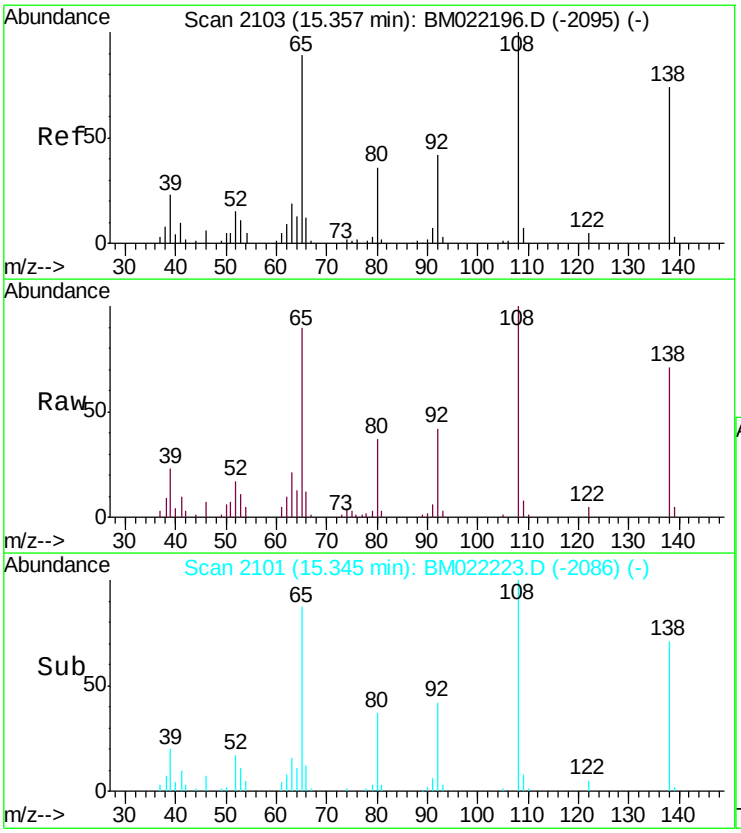
#61
4-Chlorophenyl-phenylether
Concen: 43.700 ng
RT: 15.28 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:204 Resp: 182395

Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.1	39.1
141	54.4	40.7	61.1

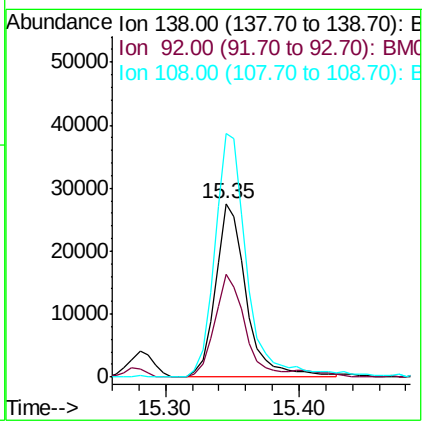


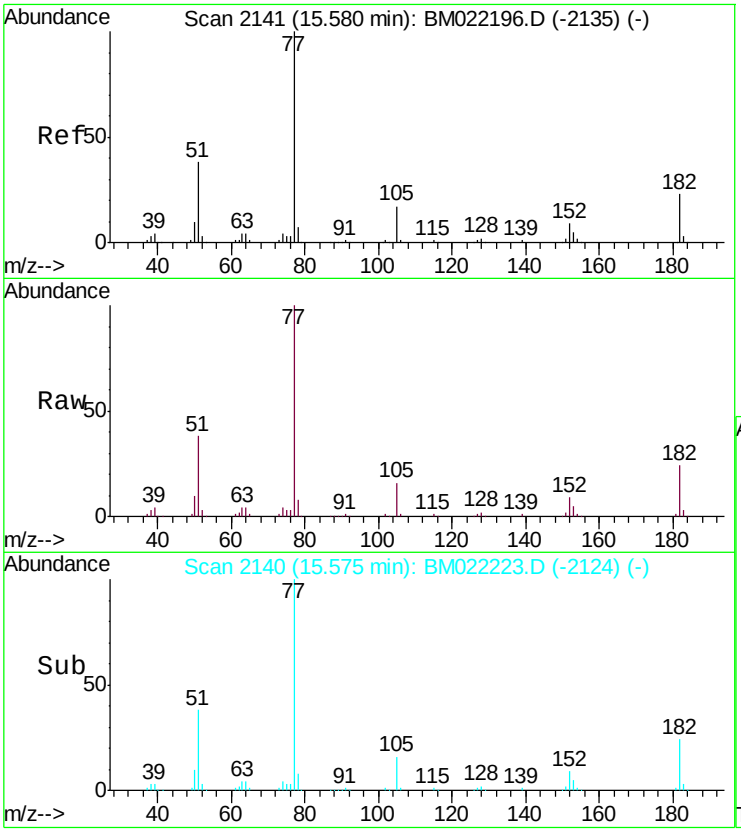


#62
4-Nitroaniline
Concen: 35.954 ng
RT: 15.35 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:138 Resp: 44931

Ion	Ratio	Lower	Upper
138	100		
92	59.4	29.1	69.1
108	140.3	59.2	99.2#



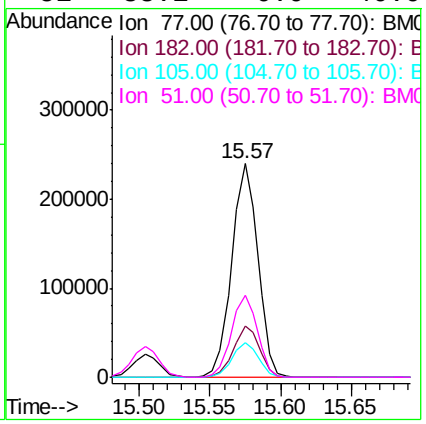


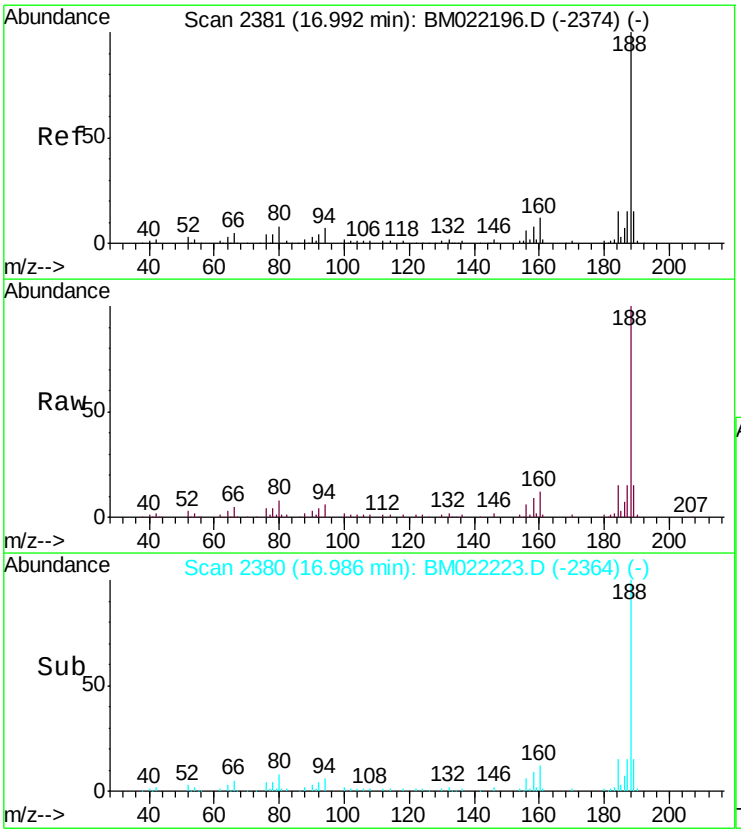
#63
Azobenzene
Concen: 44.214 ng
RT: 15.57 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion: 77 Resp: 308447

Ion	Ratio	Lower	Upper
77	100		
182	24.1	12.6	52.6
105	16.2	1.1	41.1
51	38.1	6.9	46.9

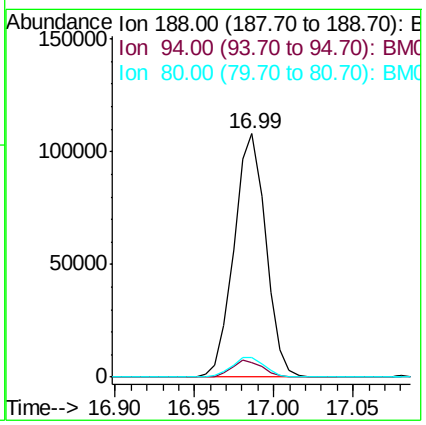


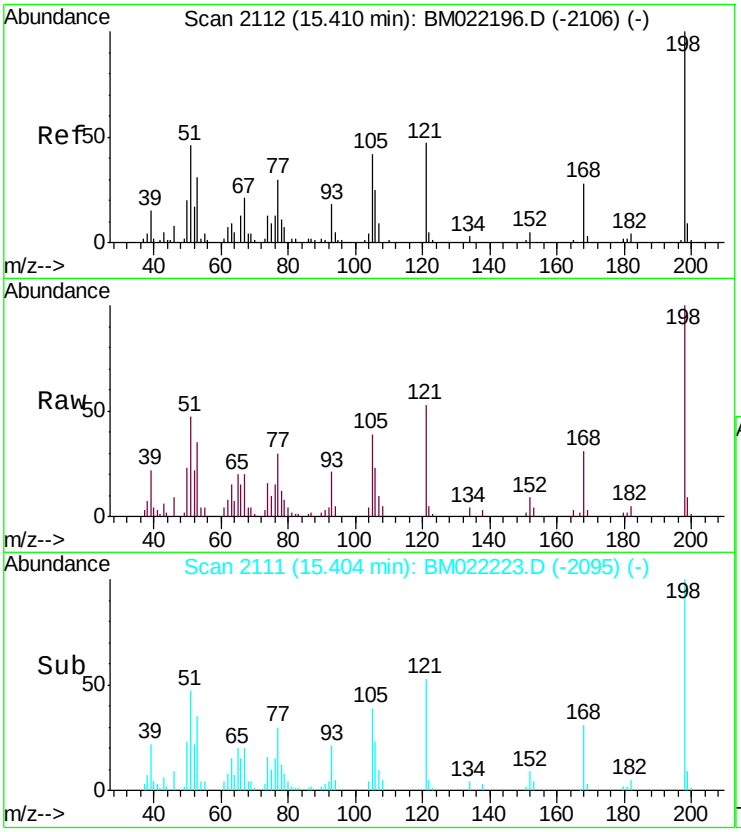


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:188 Resp: 149826

Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.8	8.8
80	7.9	6.9	10.3



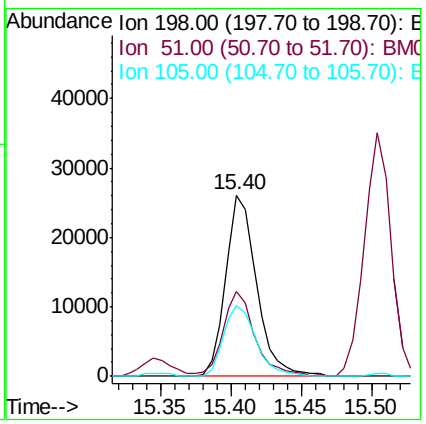


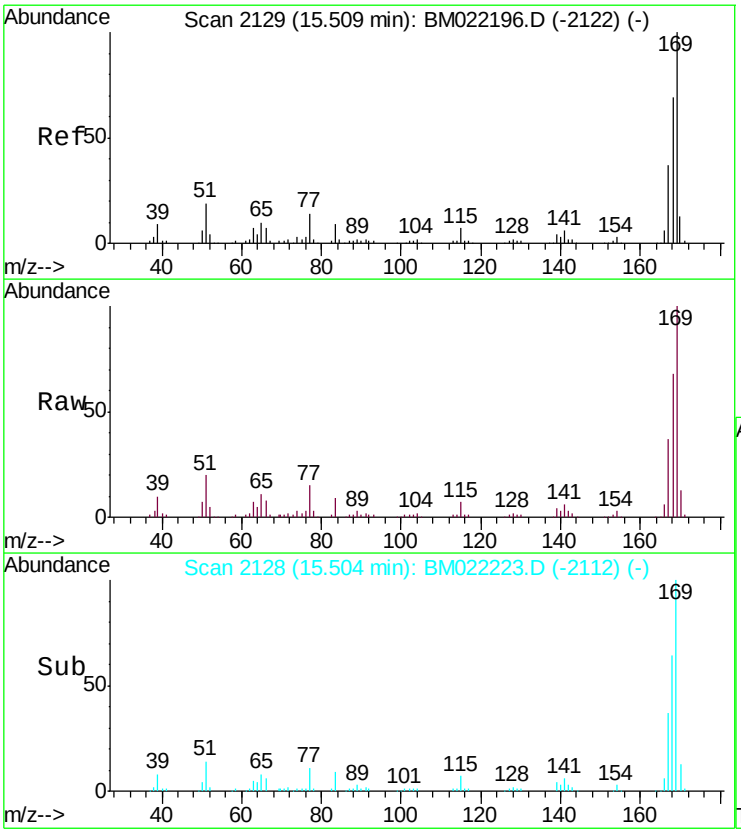
#65
4,6-Dinitro-2-methylphenol
Concen: 42.229 ng
RT: 15.40 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:198 Resp: 39972

Ion	Ratio	Lower	Upper
198	100		
51	46.5	15.3	55.3
105	39.3	16.8	56.8

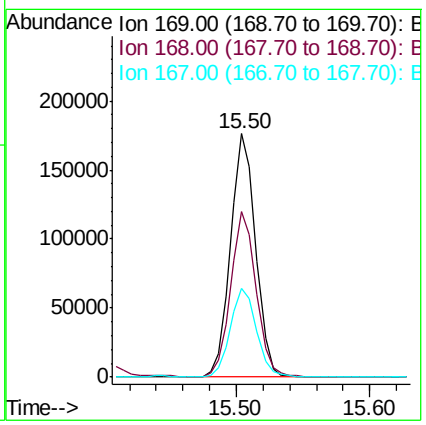


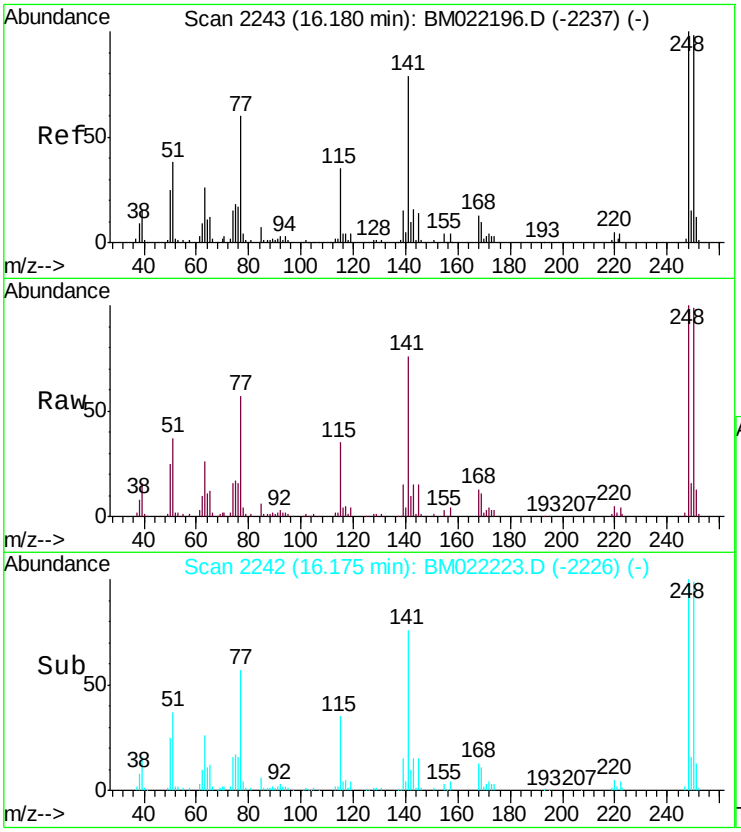


#66
n-Nitrosodiphenylamine
Concen: 48.239 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:169 Resp: 231744

Ion	Ratio	Lower	Upper
169	100		
168	68.2	54.5	81.7
167	36.6	29.0	43.6



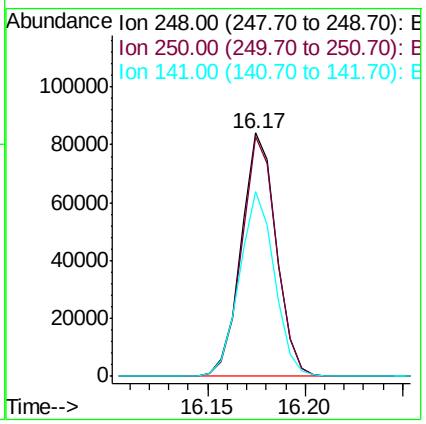


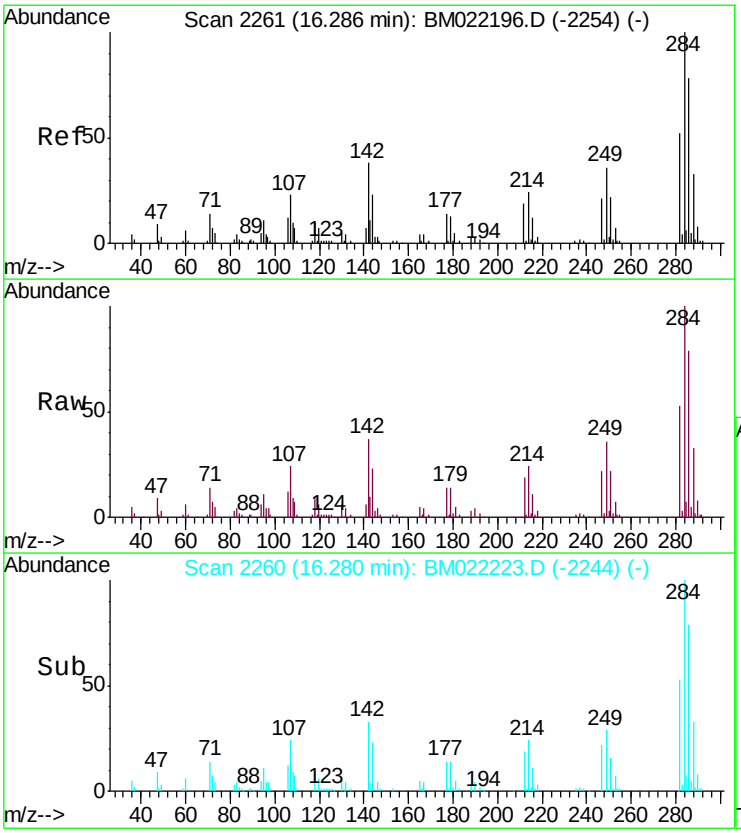
#67
4-Bromophenyl-phenylether
Concen: 47.092 ng
RT: 16.17 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:248 Resp: 104554

Ion	Ratio	Lower	Upper
248	100		
250	98.6	77.5	116.3
141	76.0	47.8	71.6#

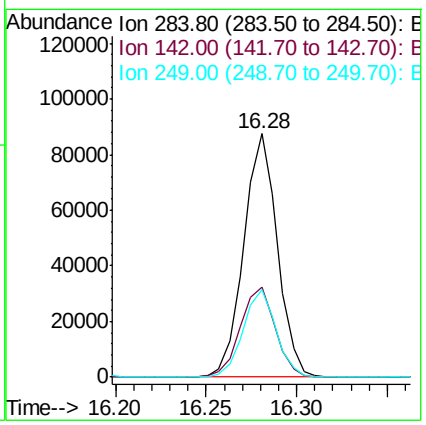


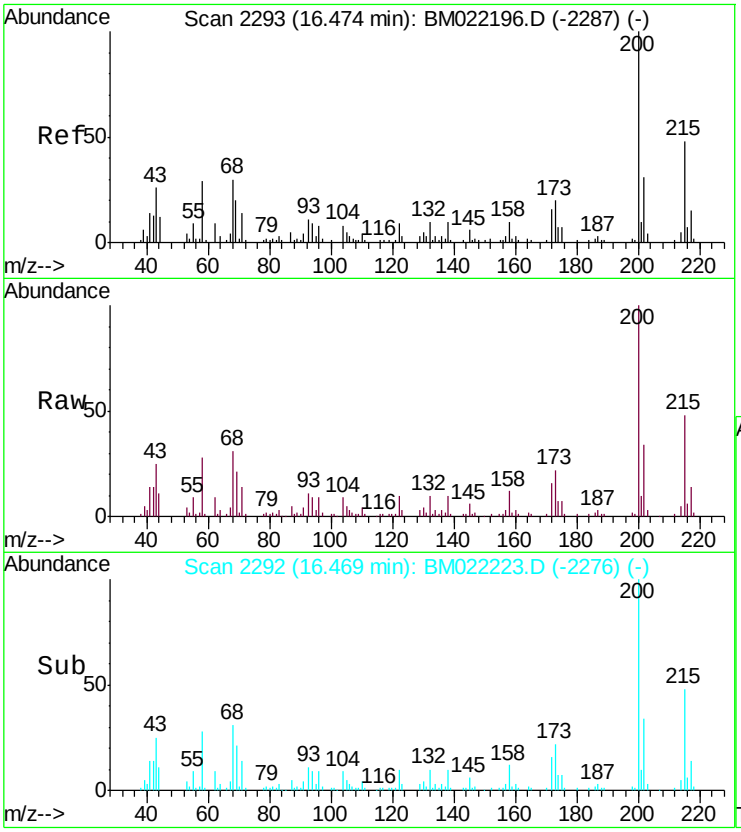


#68
Hexachlorobenzene
Concen: 44.713 ng
RT: 16.28 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:284 Resp: 112781

Ion	Ratio	Lower	Upper
284	100		
142	37.1	21.2	31.8#
249	35.7	23.4	35.0#



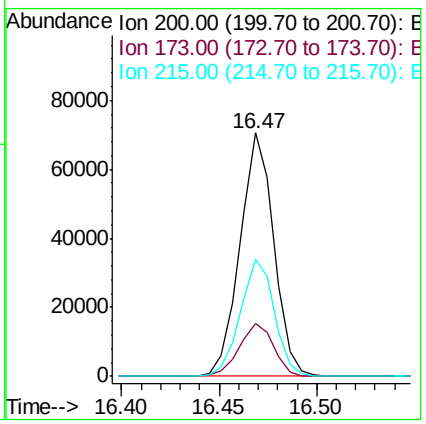


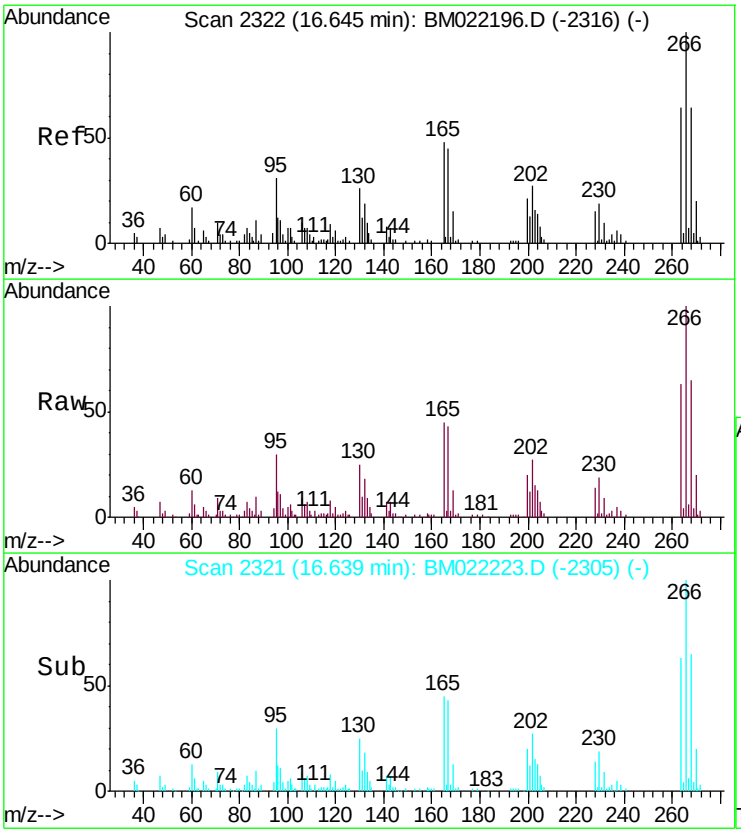
#69
Atrazine
Concen: 53.245 ng
RT: 16.47 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:200 Resp: 84704

Ion	Ratio	Lower	Upper
200	100		
173	21.6	4.3	44.3
215	47.8	28.2	68.2

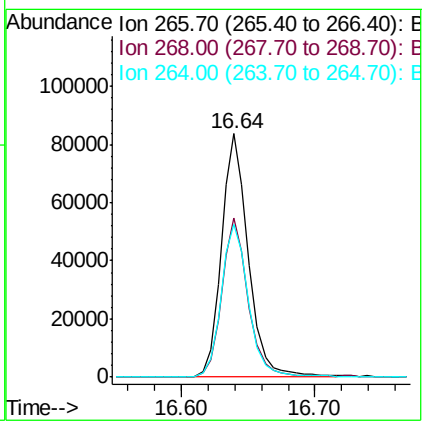


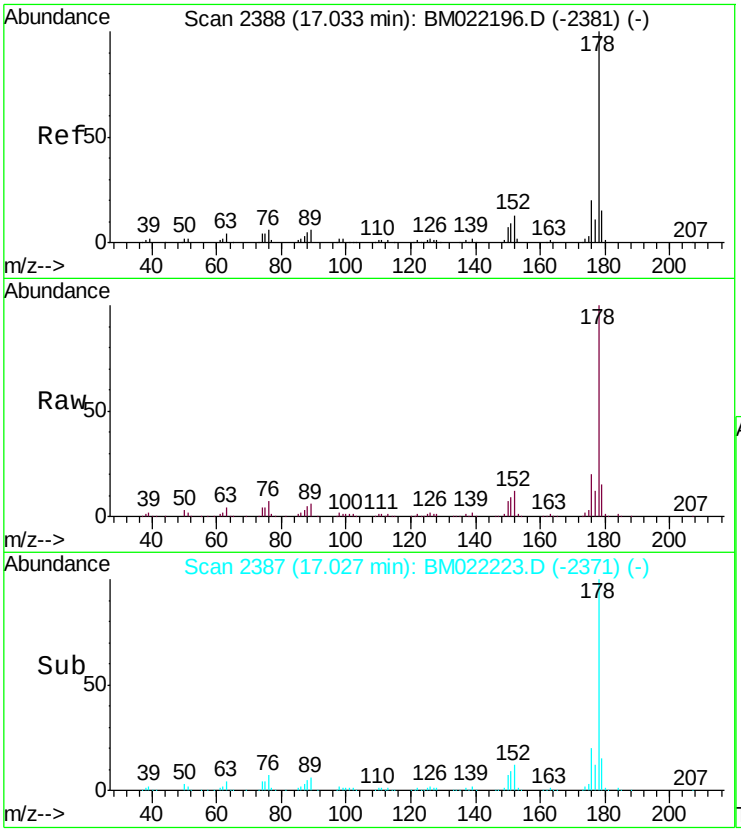


#70
Pentachlorophenol
Concen: 95.938 ng
RT: 16.64 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:266 Resp: 117733

Ion	Ratio	Lower	Upper
266	100		
268	65.3	51.0	76.4
264	62.7	49.9	74.9



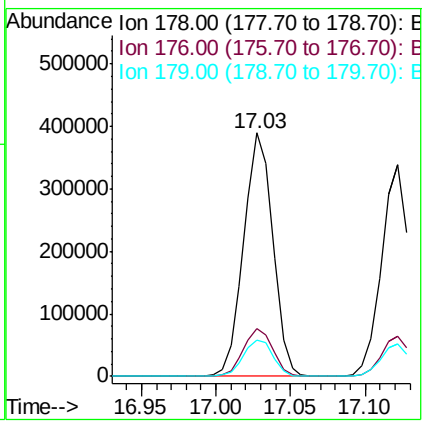


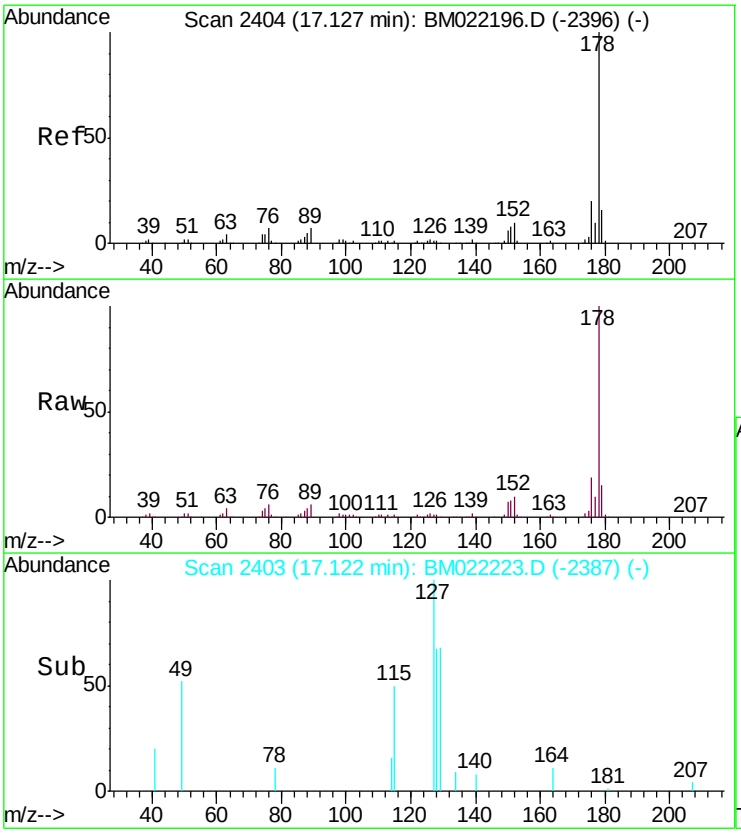
#71
Phenanthrene
Concen: 60.454 ng
RT: 17.03 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:178 Resp: 525260

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.2	22.8
179	15.1	12.2	18.4

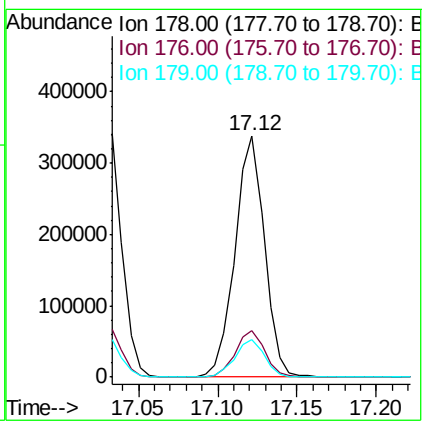


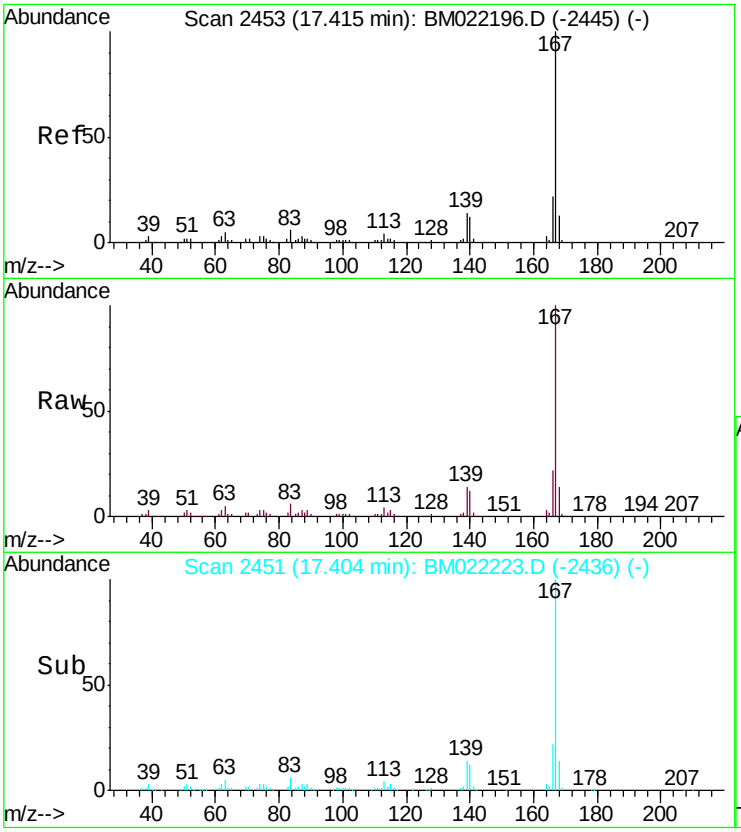


#72
Anthracene
Concen: 50.337 ng
RT: 17.12 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:178 Resp: 434150

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.7	22.1
179	15.4	12.2	18.2



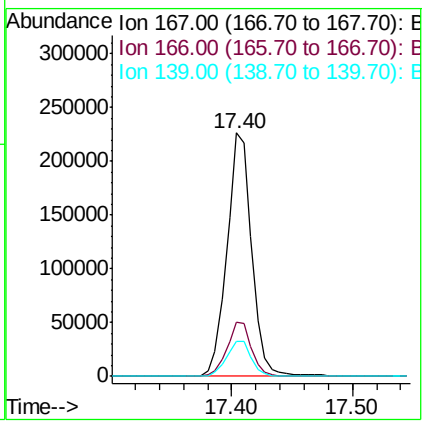


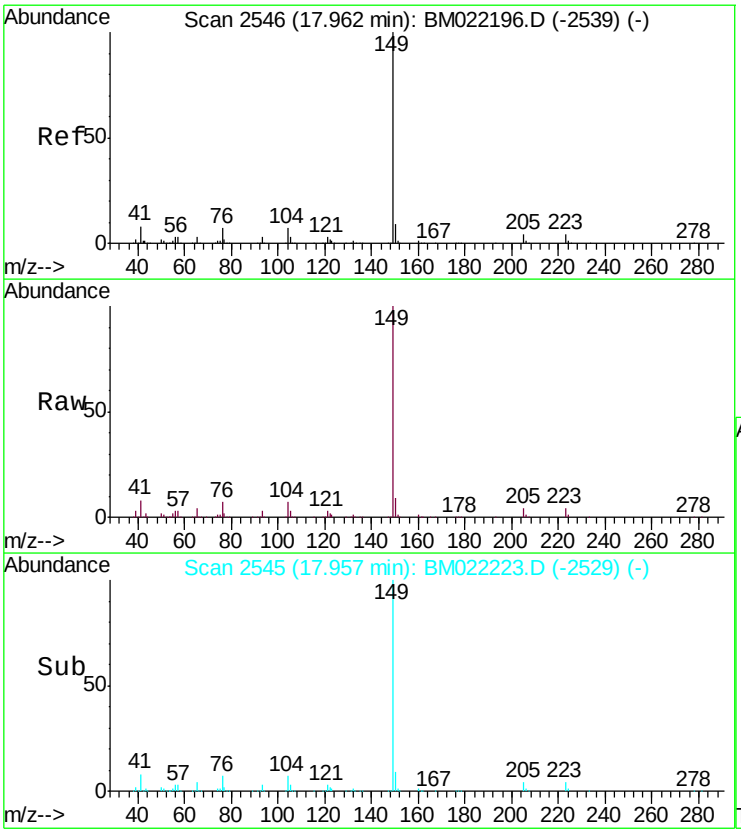
#73
Carbazole
Concen: 44.677 ng
RT: 17.40 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:167 Resp: 321535

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.4	26.2
139	14.3	9.7	14.5

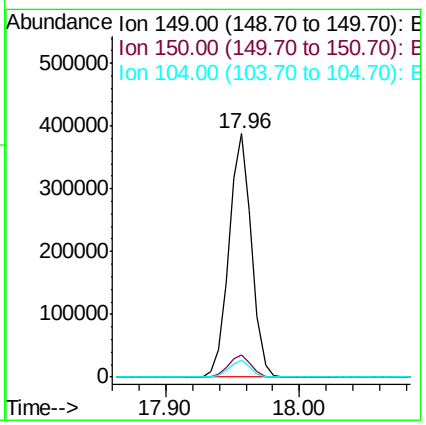


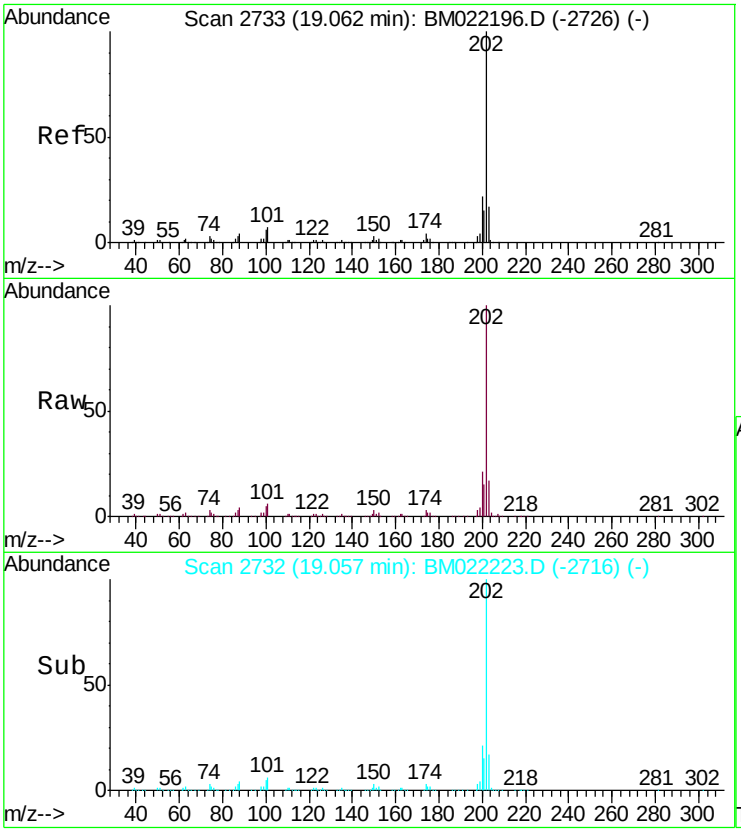


#74
Di-n-butylphthalate
Concen: 41.888 ng
RT: 17.96 min Scan# 2545
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:149 Resp: 457396

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	6.8	3.8	5.8#



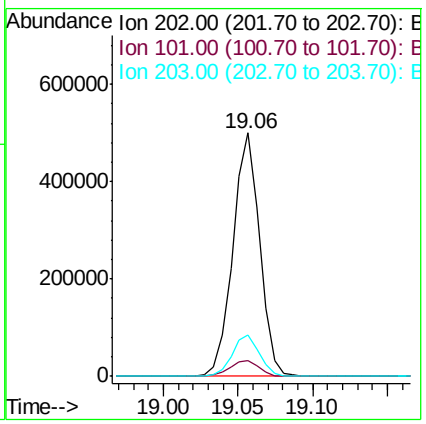


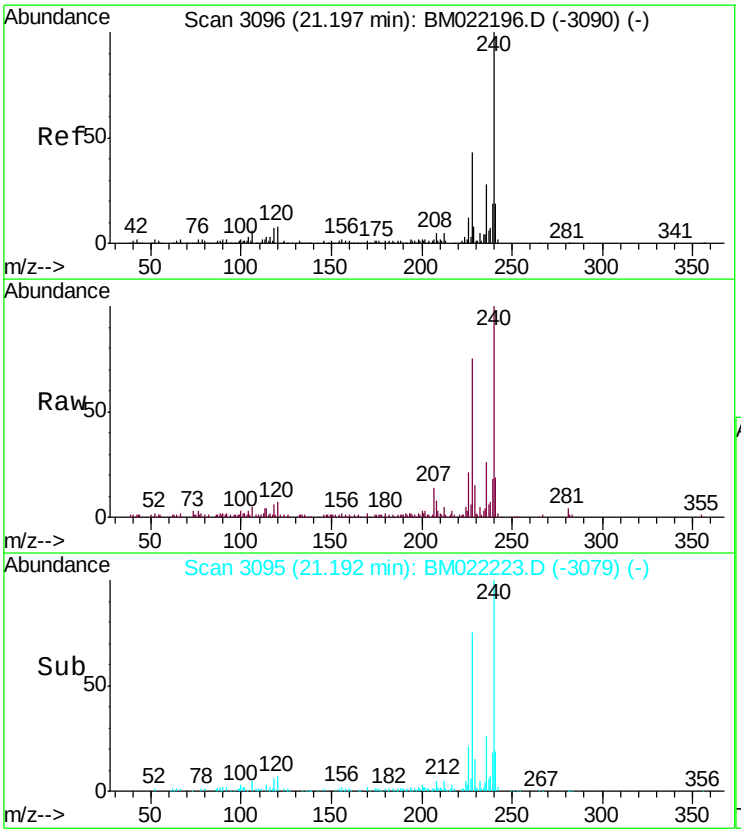
#75
Fluoranthene
Concen: 59.820 ng
RT: 19.06 min Scan# 2732
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:202 Resp: 626763

Ion	Ratio	Lower	Upper
202	100		
101	6.3	0.0	28.2
203	17.2	0.0	37.6

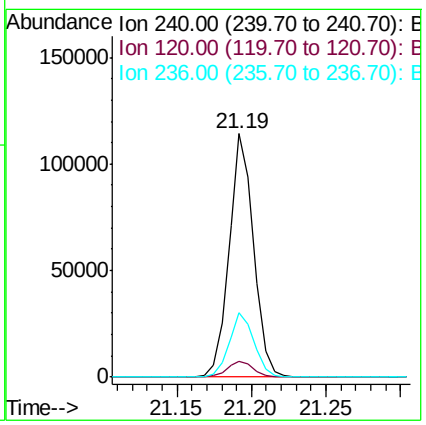


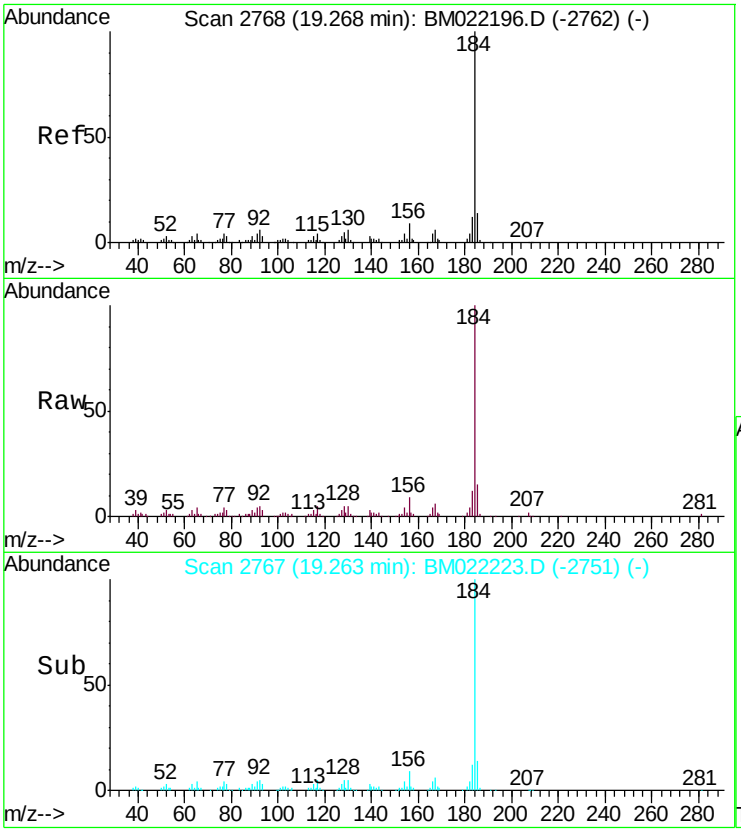


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:240 Resp: 131660

Ion	Ratio	Lower	Upper
240	100		
120	6.6	6.9	10.3#
236	26.4	20.4	30.6



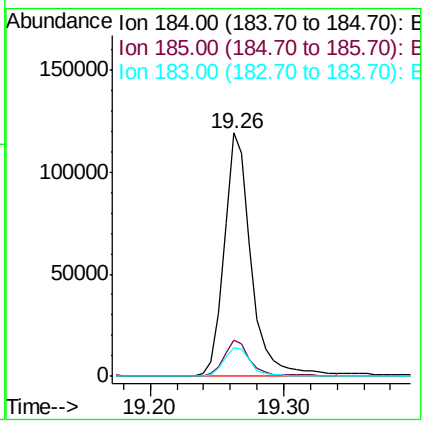


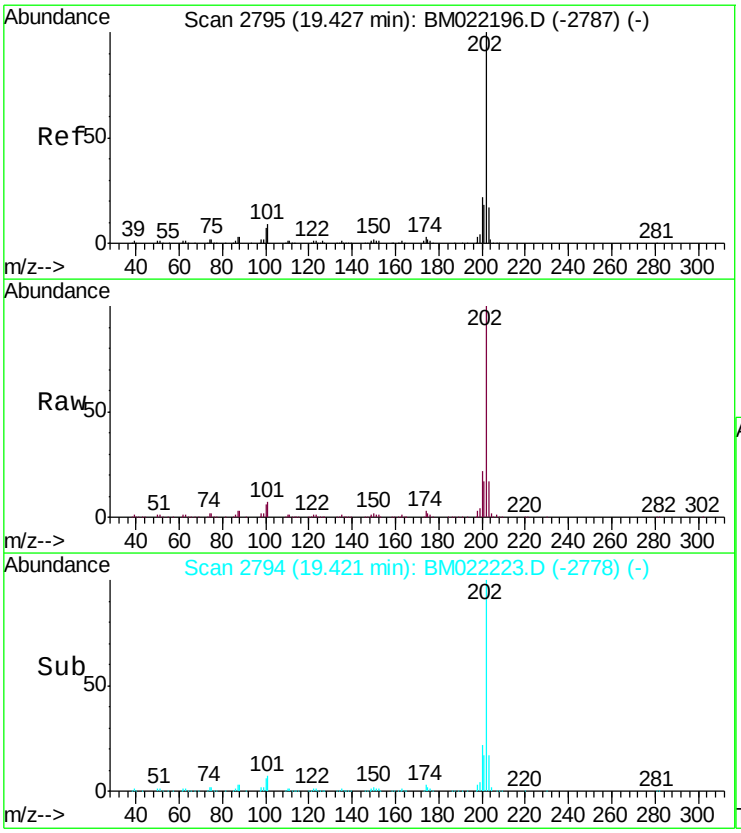
#77
Benzidine
Concen: 57.310 ng
RT: 19.26 min Scan# 2767
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:184 Resp: 169240

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.4	17.2
183	12.0	9.6	14.4

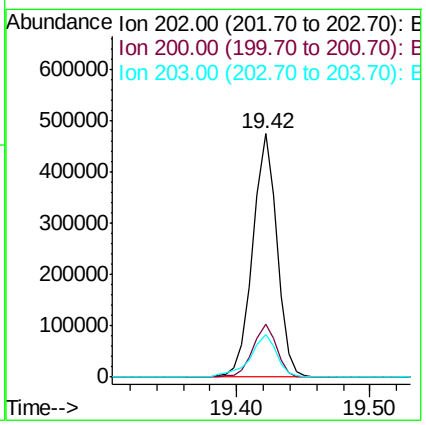


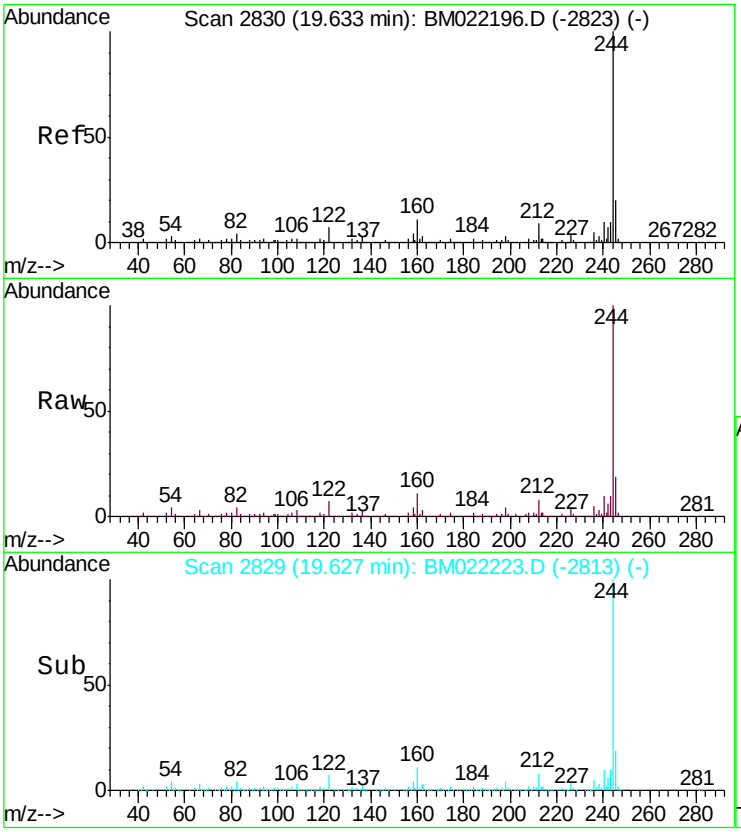


#78
Pyrene
Concen: 63.735 ng
RT: 19.42 min Scan# 2794
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:202 Resp: 590650

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.4
203	17.4	14.0	21.0



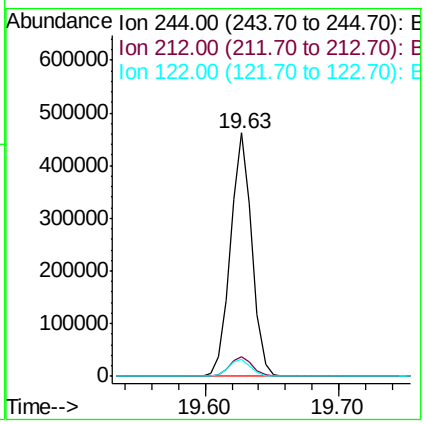


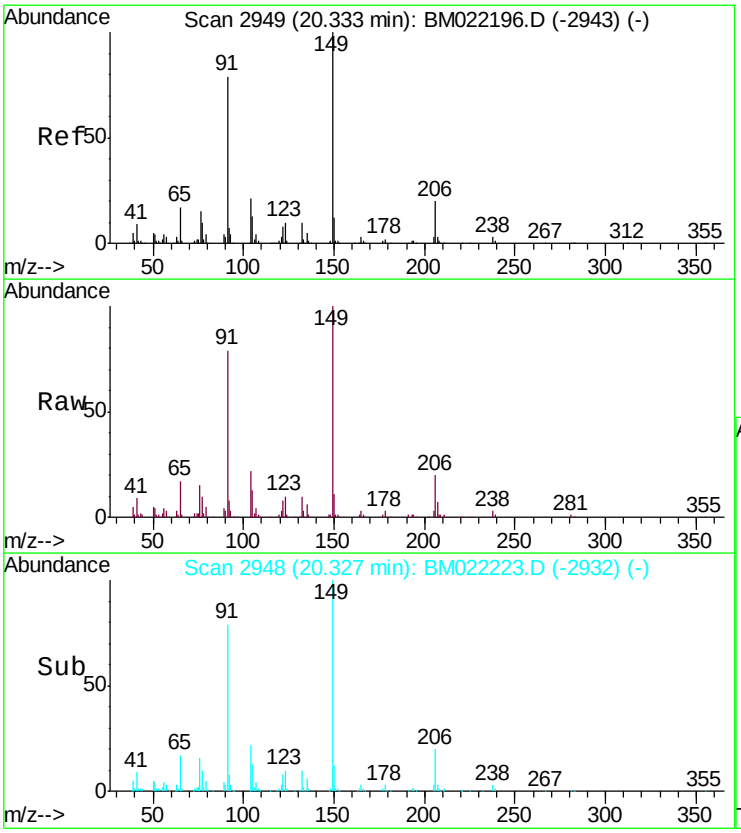
#79
Terphenyl-d14
Concen: 57.143 ng
RT: 19.63 min Scan# 2829
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:244 Resp: 516338

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.3	7.9#
122	6.8	6.6	9.8

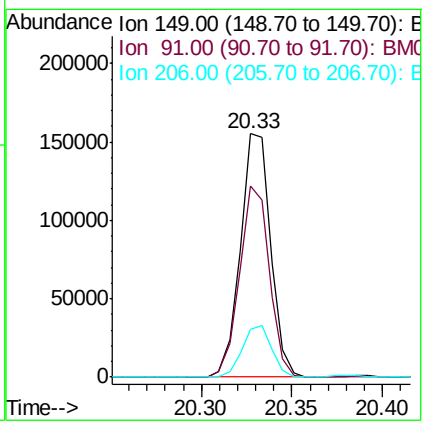


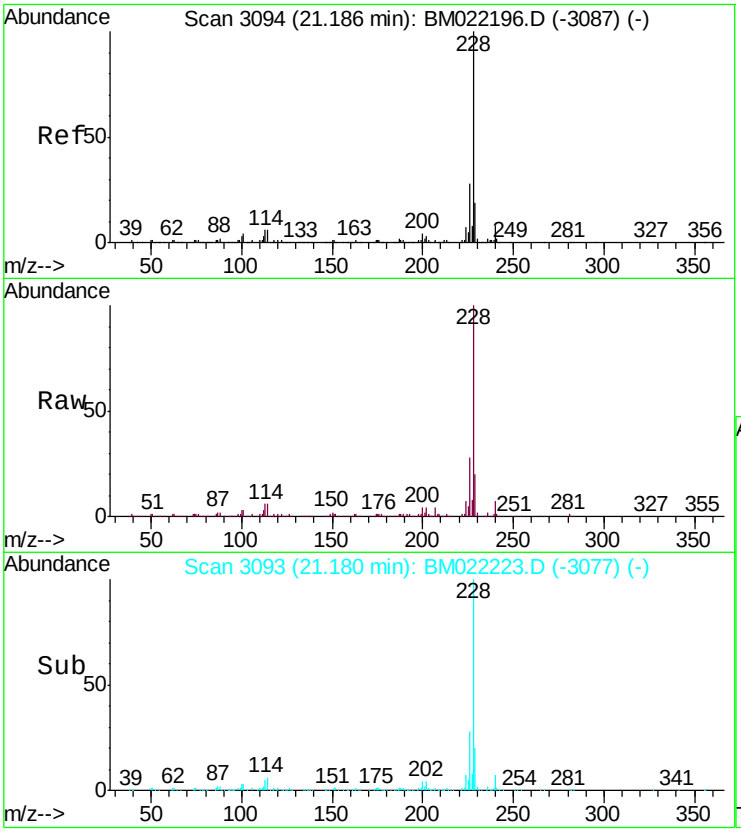


#80
Butylbenzylphthalate
Concen: 43.445 ng
RT: 20.33 min Scan# 2948
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:149 Resp: 180082

Ion	Ratio	Lower	Upper
149	100		
91	78.6	50.9	76.3#
206	19.7	19.7	29.5



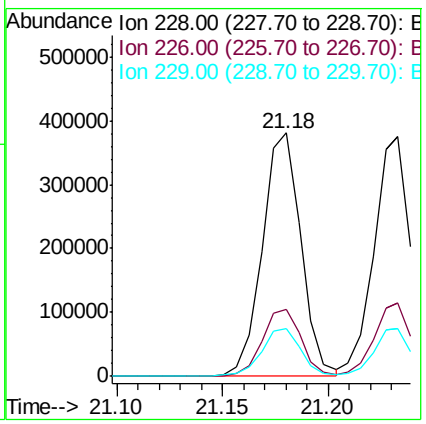


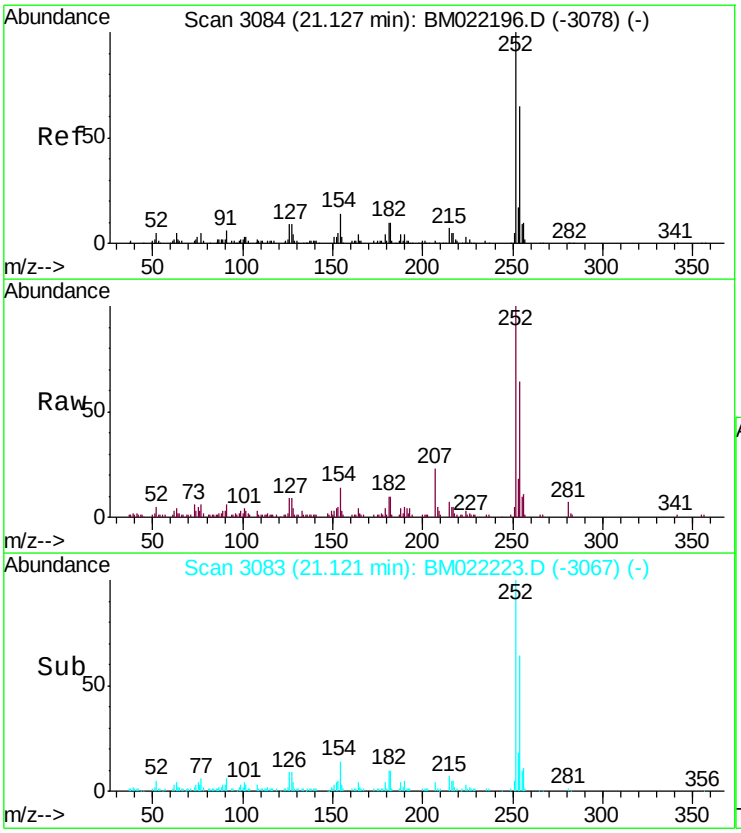
#81
Benzo(a)anthracene
Concen: 52.044 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:228 Resp: 481880

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.6	32.4
229	19.7	15.5	23.3

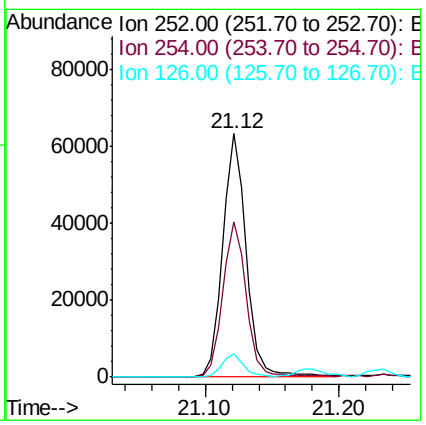


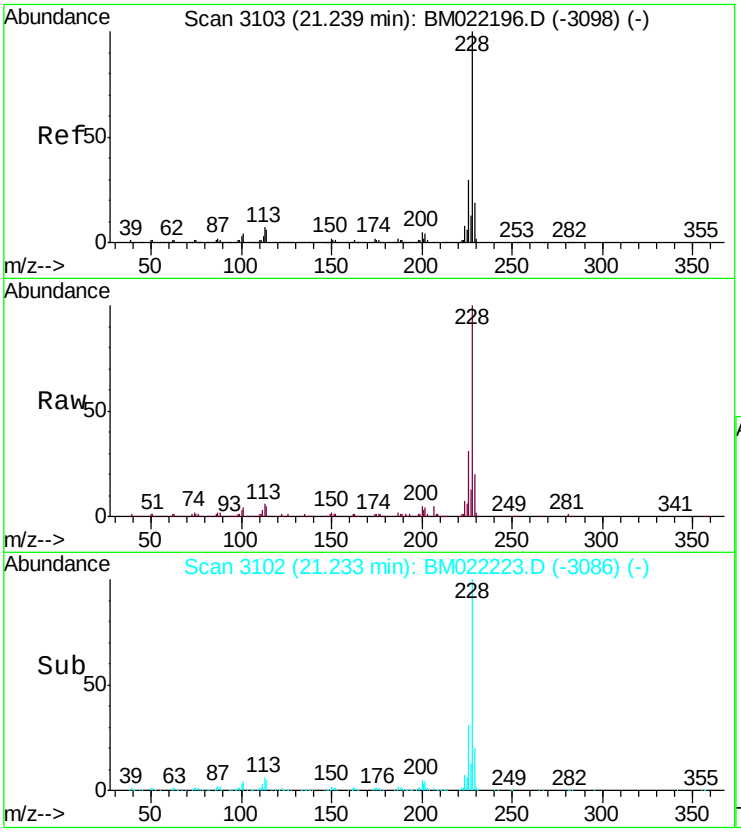


#82
3,3'-Dichlorobenzidine
Concen: 24.492 ng
RT: 21.12 min Scan# 3083
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:252 Resp: 79070

Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.7	77.5
126	9.5	6.6	9.8



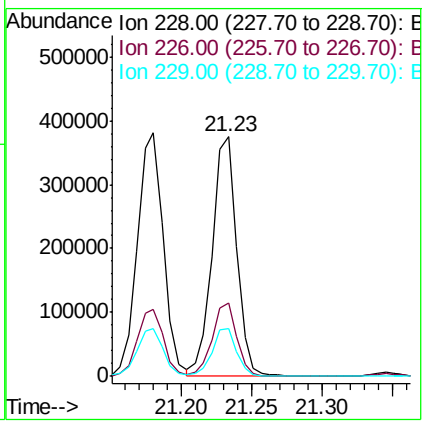


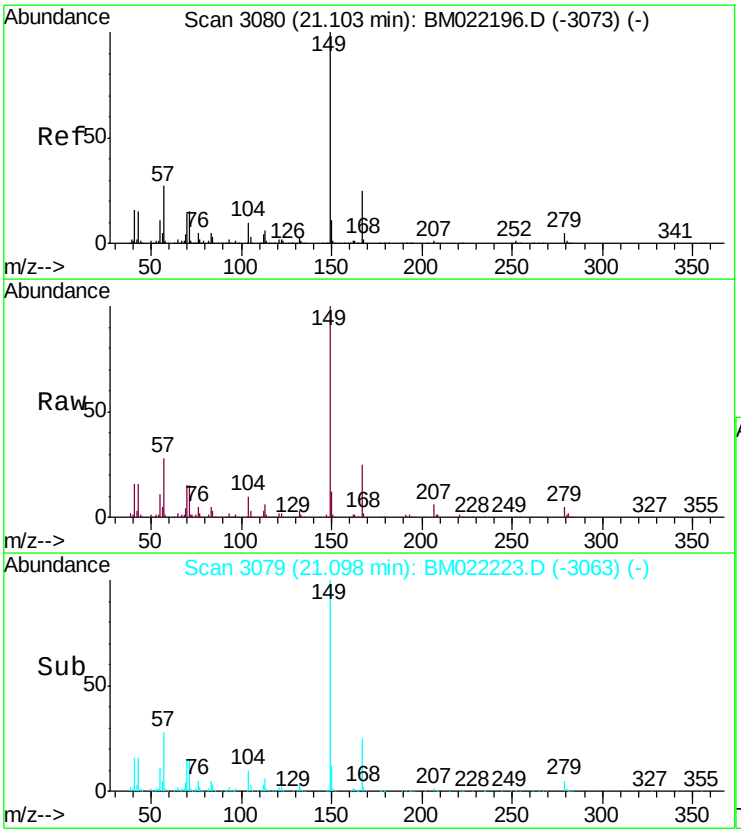
#83
Chrysene
Concen: 50.609 ng
RT: 21.23 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:228 Resp: 452352

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.1	36.1
229	19.8	15.6	23.4

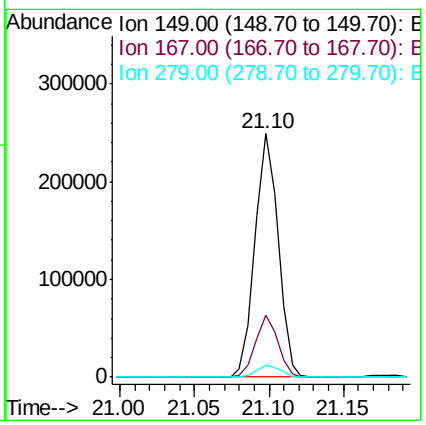


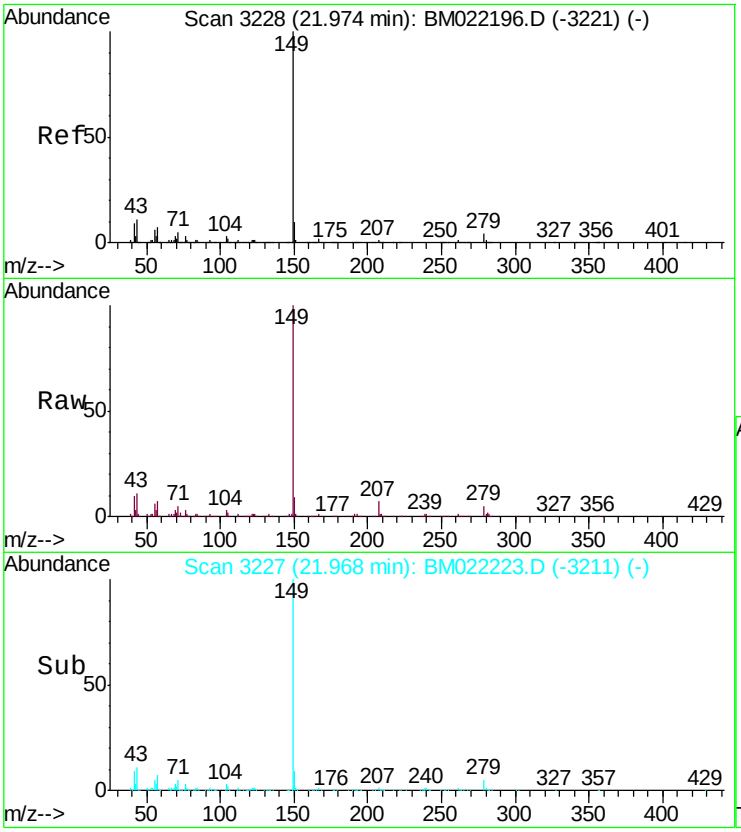


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.711 ng
RT: 21.10 min Scan# 3079
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:149 Resp: 266249

Ion	Ratio	Lower	Upper
149	100		
167	25.2	23.0	34.4
279	4.7	4.6	7.0



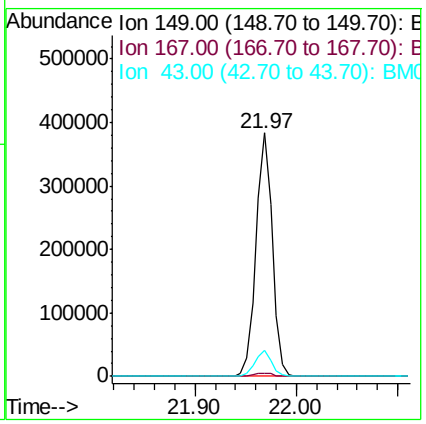


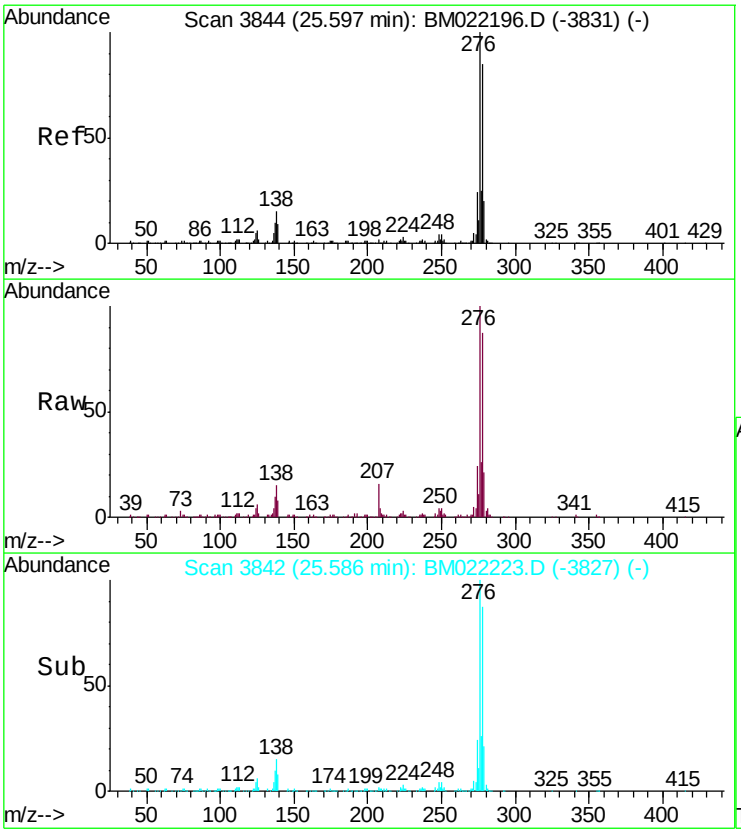
#85
Di-n-octyl phthalate
Concen: 42.116 ng
RT: 21.97 min Scan# 3227
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:149 Resp: 424940

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.7	6.2	9.2#

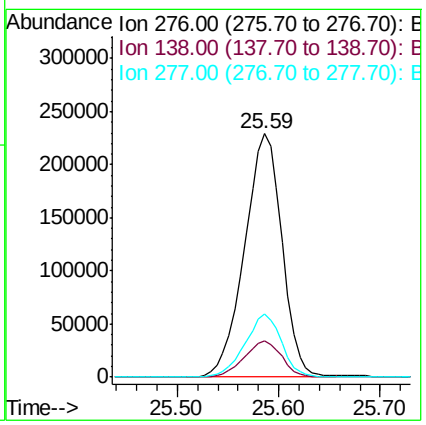


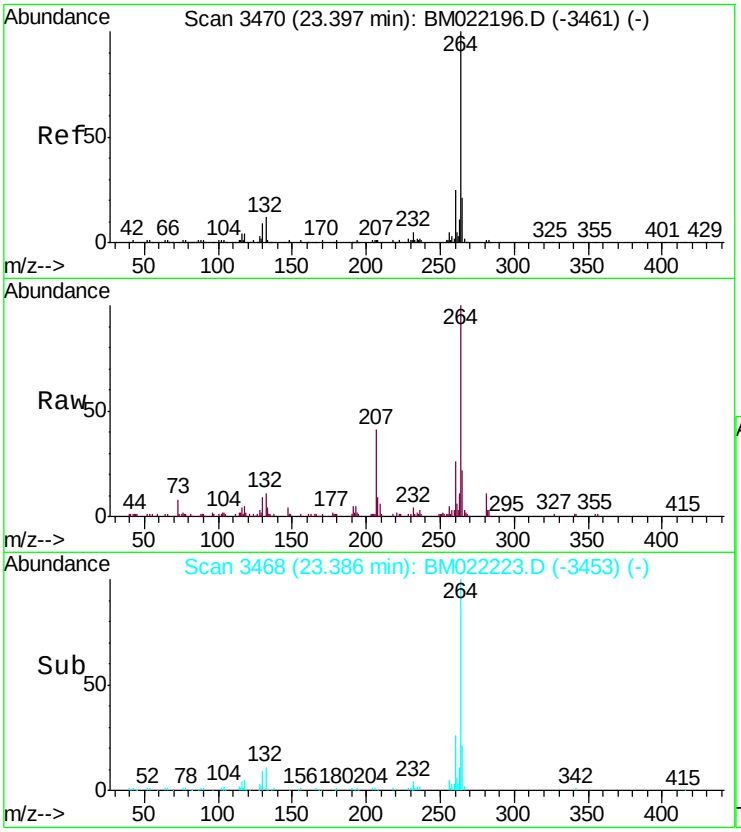


#86
Indeno(1,2,3-cd)pyrene
Concen: 58.983 ng
RT: 25.59 min Scan# 3842
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:276 Resp: 590542

Ion	Ratio	Lower	Upper
276	100		
138	15.0	15.4	23.0#
277	25.4	20.4	30.6



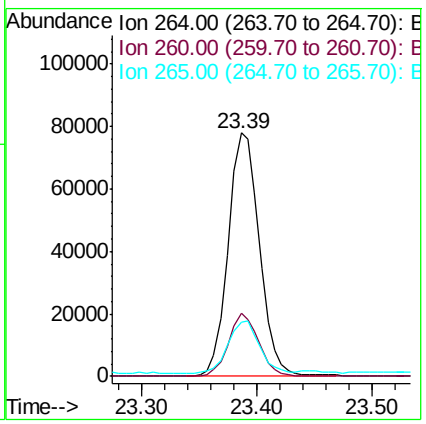


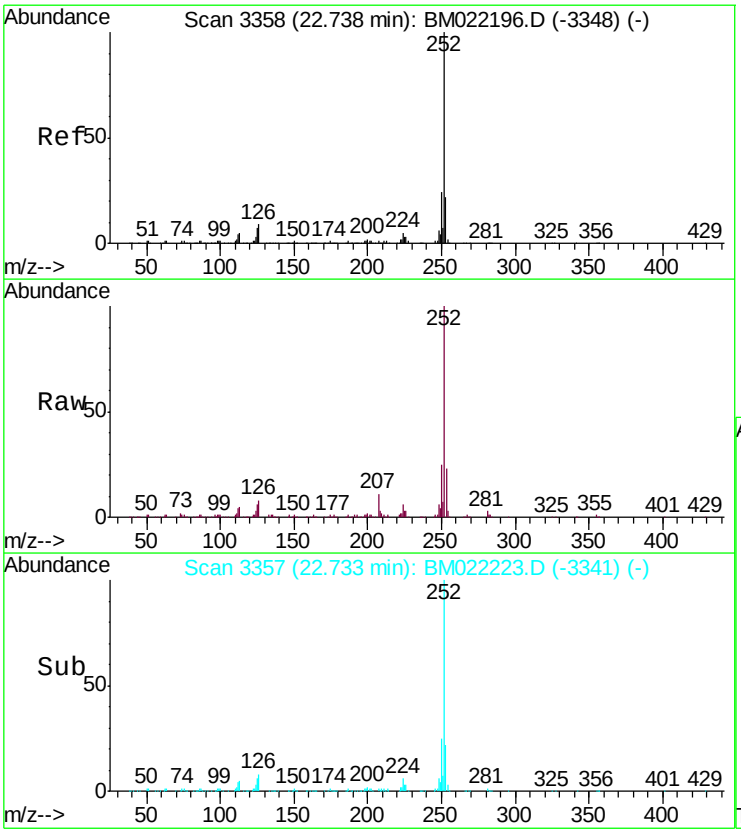
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.39 min Scan# 3468
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:264 Resp: 146353

Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.0	28.4
265	22.2	17.7	26.5

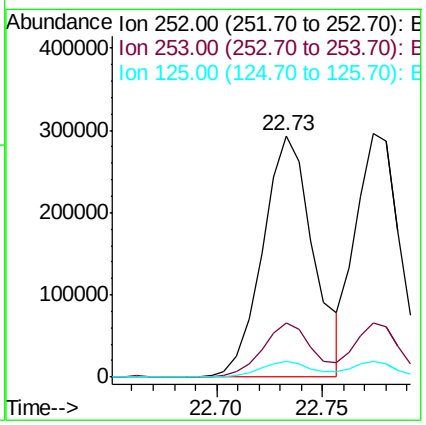


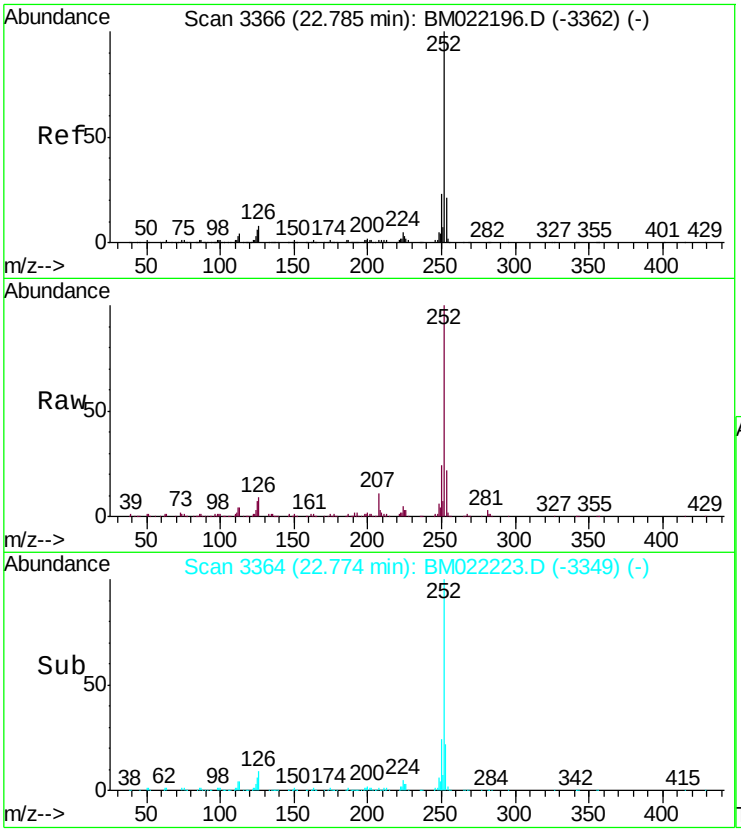


#88
Benzo(b)fluoranthene
Concen: 49.974 ng
RT: 22.73 min Scan# 3357
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:252 Resp: 488360

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	6.3	5.9	8.9



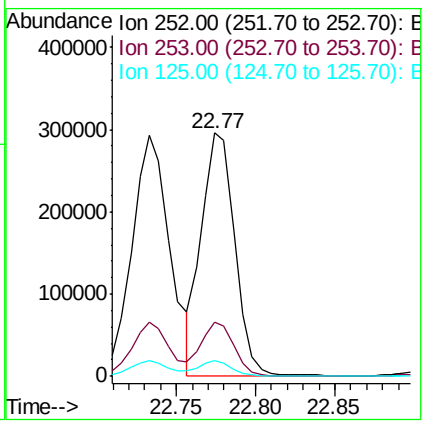


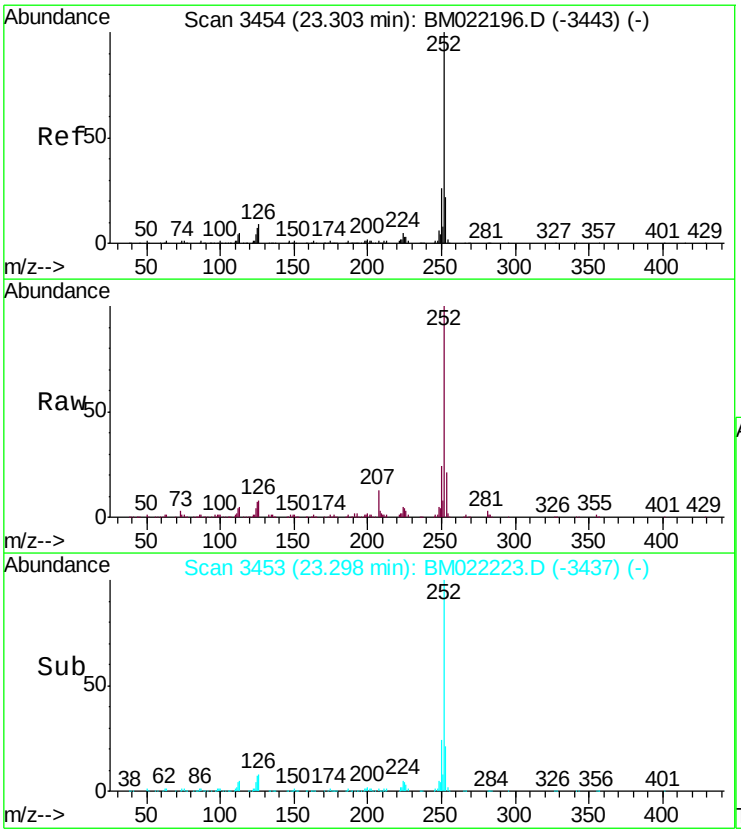
#89
Benzo(k)fluoranthene
Concen: 45.204 ng
RT: 22.77 min Scan# 3364
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:252 Resp: 431809

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	6.5	5.9	8.9

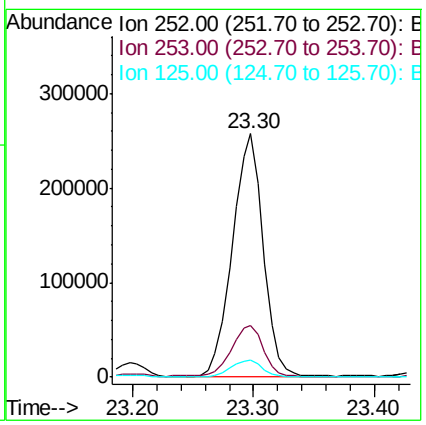


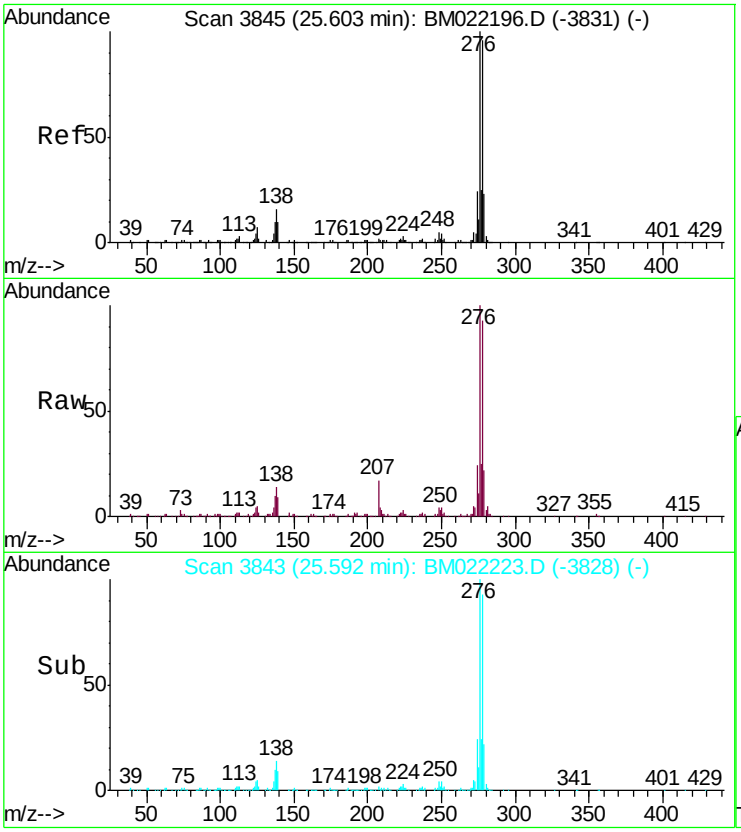


#90
Benzo(a)pyrene
Concen: 51.129 ng
RT: 23.30 min Scan# 3453
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:252 Resp: 455032

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.5	26.3
125	6.9	6.6	10.0



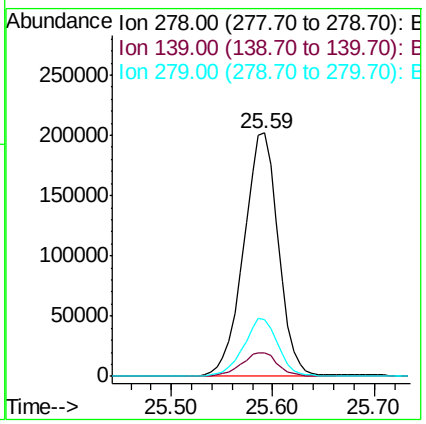


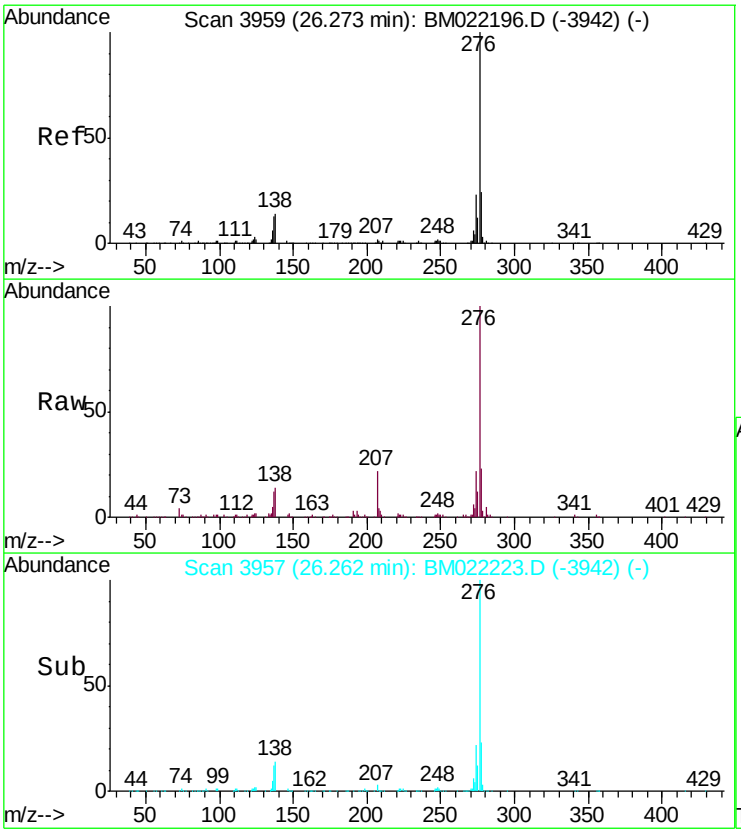
#91
Dibenzo(a,h)anthracene
Concen: 51.016 ng
RT: 25.59 min Scan# 3843
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MSD

Tgt Ion:278 Resp: 482428

Ion	Ratio	Lower	Upper
278	100		
139	9.6	9.8	14.8#
279	23.5	18.7	28.1





#92
Benzo(g,h,i)perylene
Concen: 56.069 ng
RT: 26.26 min Scan# 3957
Delta R.T. -0.01 min
Lab File: BM022223.D
Acq: 21 Aug 2019 11:25

Tgt Ion:276 Resp: 463545

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.8	28.2
138	13.7	13.1	19.7