Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM091620\
Data File : BM027444.D
Acq On : 16 Sep 2020 16:18
Operator : JU/CG
Sample : L3971-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PT-ACIDS-WP

Quant Time: Sep 16 16:50:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM090220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 16 13:41:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	78802	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	283054	20.00	ng		0.00
39) Acenaphthene-d10	14.20	164	179690	20.00	ng		0.00
64) Phenanthrene-d10	16.94	188	410431	20.00	ng		0.00
76) Chrysene-d12	21.15	240	418828	20.00	ng		0.00
86) Perylene-d12	23.31	264	439906	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	664910	140.48	ng		0.00
7) Phenol-d6	6.75	99	829875	129.93	ng		0.00
23) Nitrobenzene-d5	8.70	82	672331	101.47	ng		0.00
42) 2,4,6-Tribromophenol	15.69	330	422288	134.03	ng		0.00
45) 2-Fluorobiphenyl	12.81	172	1371069	101.47	ng		0.00
79) Terphenyl-d14	19.59	244	2349054	97.62	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.77	93	19825	2.553	ng	#	1
8) 2-Chlorophenol	7.13	128	495195	102.770	ng		99
9) Benzaldehyde	6.77	77	14066	2.799	ng	#	10
10) Phenol	6.77	94	927625	151.135	ng		99
11) bis(2-Chloroethyl)ether	7.12	93	13125	2.541	ng	#	1
15) Benzyl Alcohol	8.00	79	139568	25.426	ng	#	10
17) 2-Methylphenol	8.00	107	223068	53.522	ng		98
20) 3+4-Methylphenols	8.32	107	480108	84.431	ng		93
26) 2-Nitrophenol	9.45	139	273104	106.665	ng		96
27) 2,4-Dimethylphenol	9.52	122	484035	110.694	ng		98
28) bis(2-Chloroethoxy)methane	9.52	93	27970	4.183	ng	#	1
29) 2,4-Dichlorophenol	9.98	162	737304	146.445	ng		98
32) Benzoic acid	9.52	122	484035	137.030	ng	#	13
36) 4-Chloro-3-methylphenol	11.62	107	237356	43.878	ng		98
43) 2,4,6-Trichlorophenol	12.62	196	639716	161.288	ng		97
44) 2,4,5-Trichlorophenol	12.69	196	165311	38.341	ng		97
52) Acenaphthene	14.32	154	160470	15.142	ng	#	6
53) 3-Nitroaniline	14.32	138	7629	5.453	ng	#	1
54) 2,4-Dinitrophenol	14.32	184	229327	106.945	ng		95
62) 4-Nitroaniline	15.33	138	431	3.636	ng	#	1
65) 4,6-Dinitro-2-methylphenol	15.34	198	391113	148.484	ng		95
69) Atrazine	16.60	200	34337	9.246	ng	#	36
70) Pentachlorophenol	16.60	266	177780	49.700	ng		98
80) Butylbenzylphthalate	20.30	149	716	3.960	ng	#	77
82) 3,3'-Dichlorobenzidine	21.07	252	528	3.426	ng	#	25

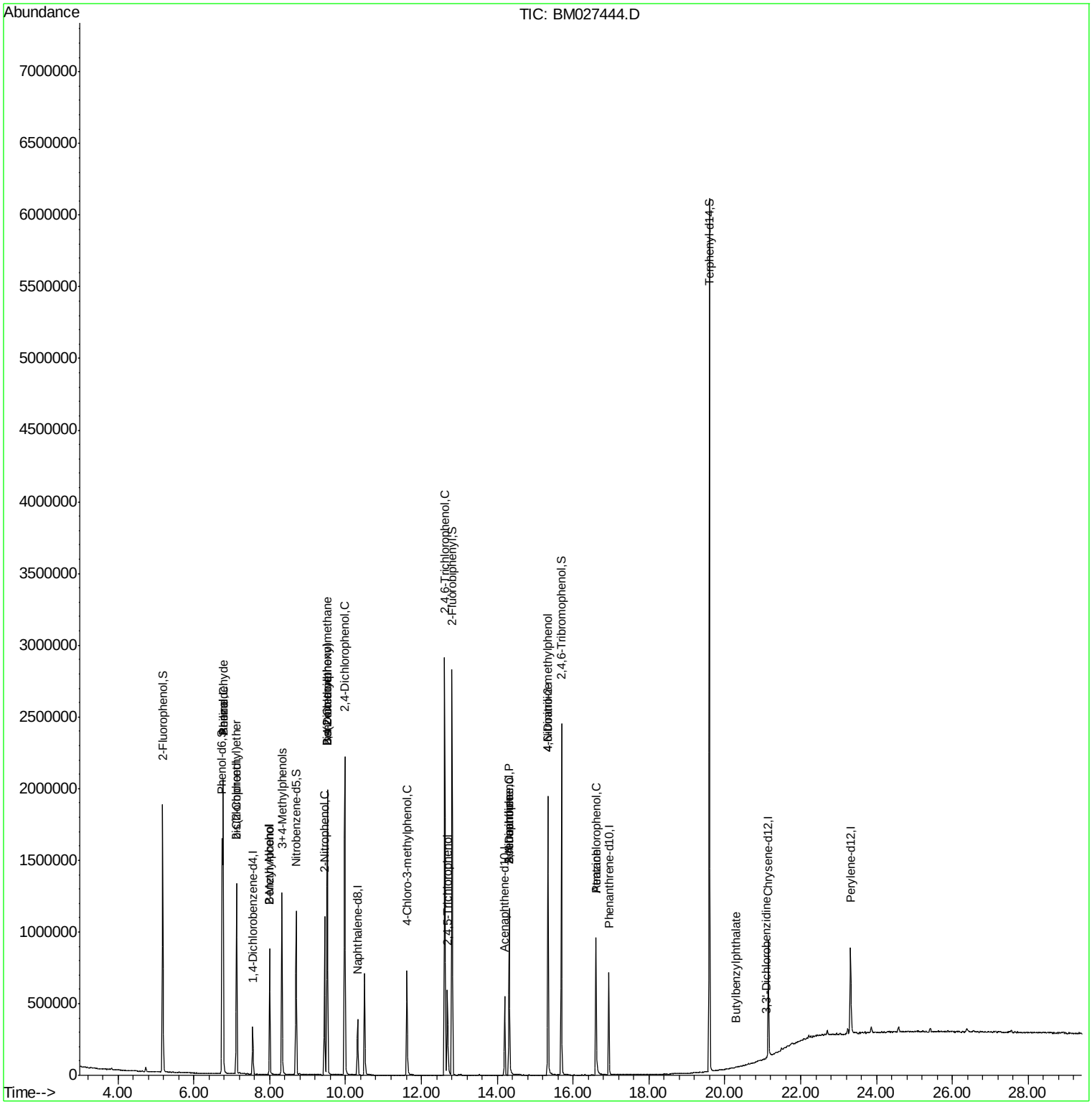
(#) = qualifier out of range (m) = manual integration (+) = signals summed

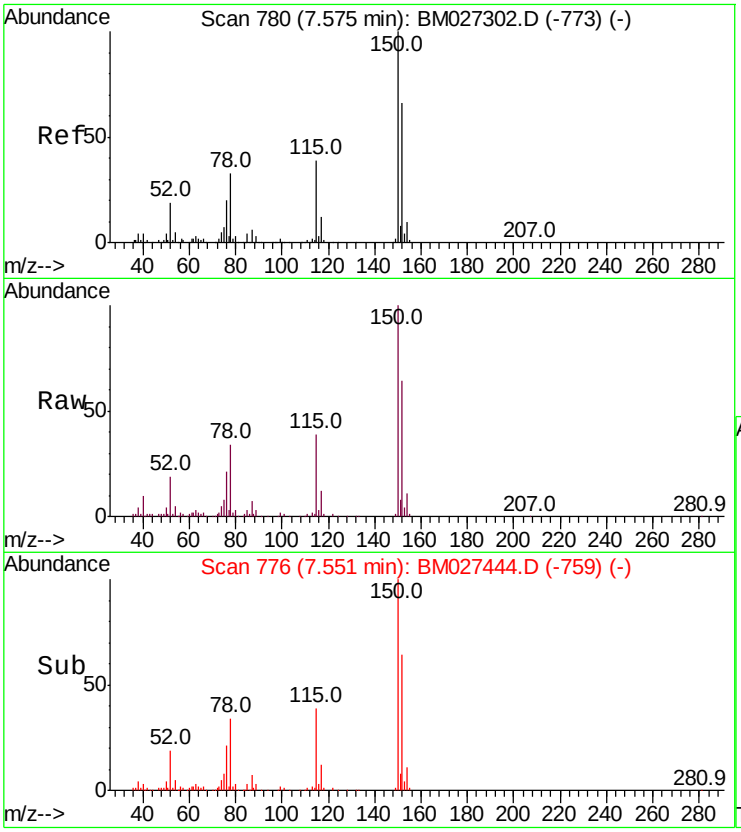
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM091620\
Data File : BM027444.D
Acq On : 16 Sep 2020 16:18
Operator : JU/CG
Sample : L3971-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PT-ACIDS-WP

Quant Time: Sep 16 16:50:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM090220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 16 13:41:16 2020
Response via : Initial Calibration



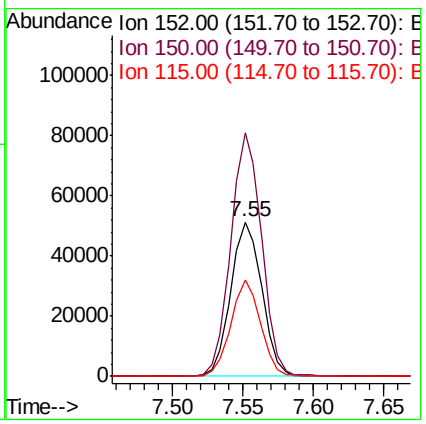


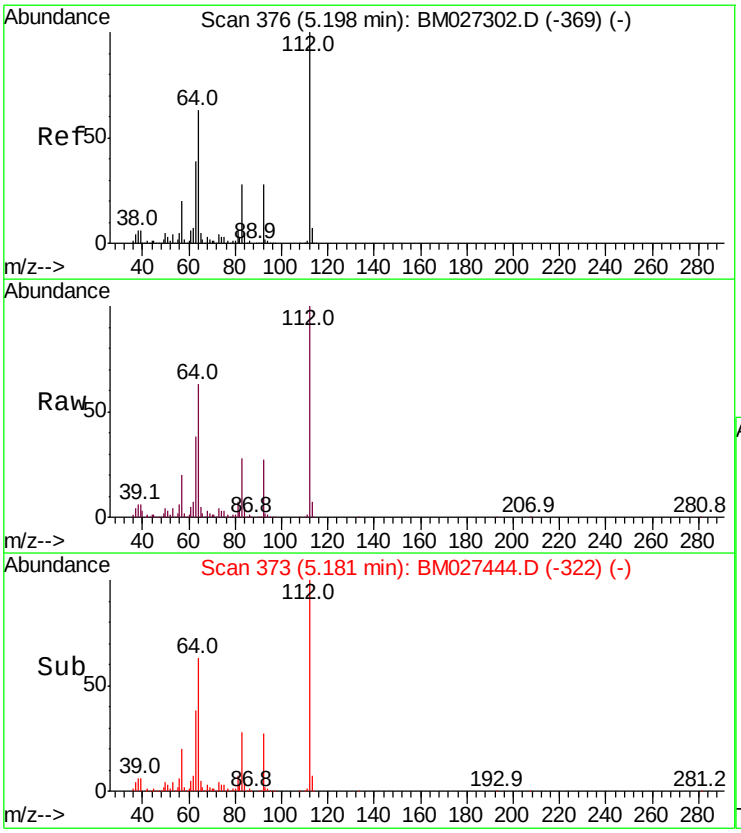
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 776
Delta R.T. -0.00 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:152 Resp: 78802

Ion	Ratio	Lower	Upper
152	100		
150	157.5	120.6	181.0
115	62.1	47.2	70.8

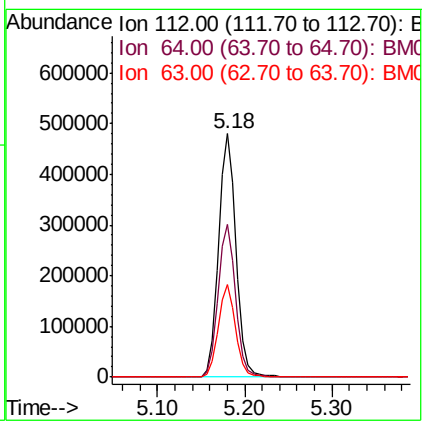


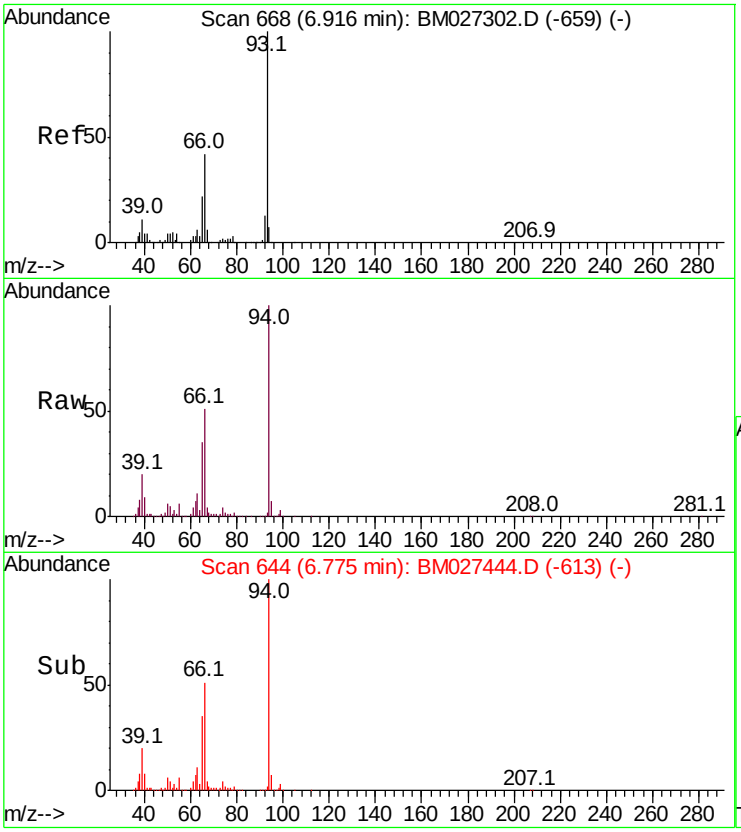


#5
2-Fluorophenol
Concen: 140.477 ng
RT: 5.18 min Scan# 373
Delta R.T. -0.00 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Tgt Ion:112 Resp: 664910

Ion	Ratio	Lower	Upper
112	100		
64	62.8	50.6	76.0
63	37.8	31.0	46.6



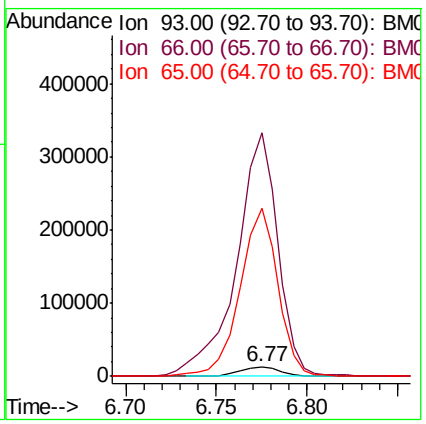


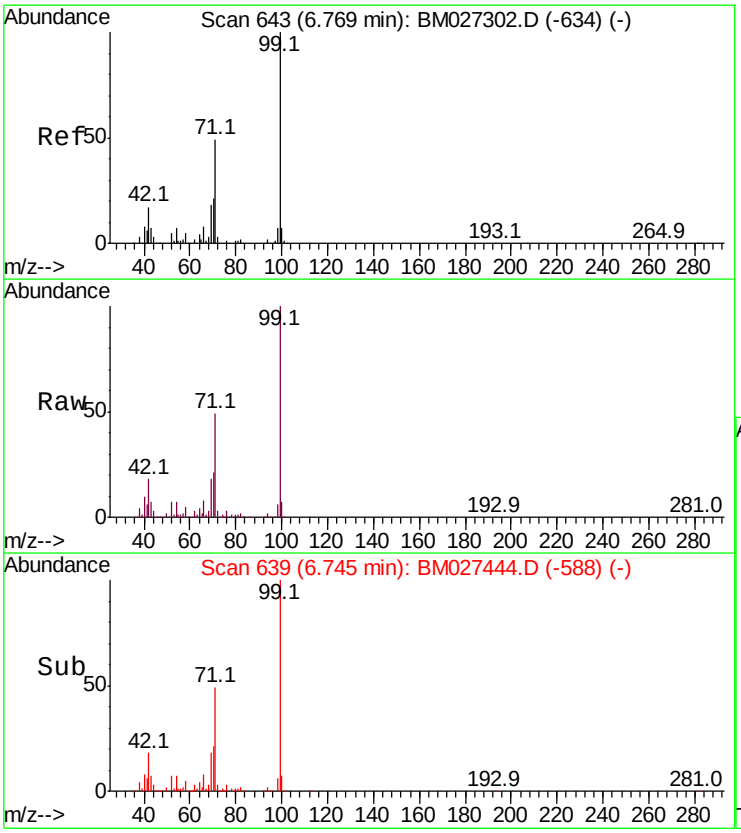
#6
Aniline
Concen: 2.553 ng
RT: 6.77 min Scan# 644
Delta R.T. -0.12 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion: 93 Resp: 19825

Ion	Ratio	Lower	Upper
93	100		
66	2485.1	33.3	49.9#
65	1715.6	17.4	26.0#

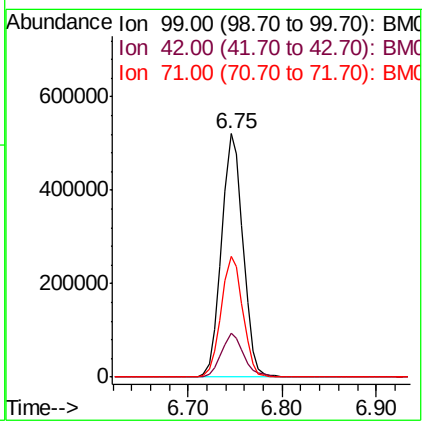


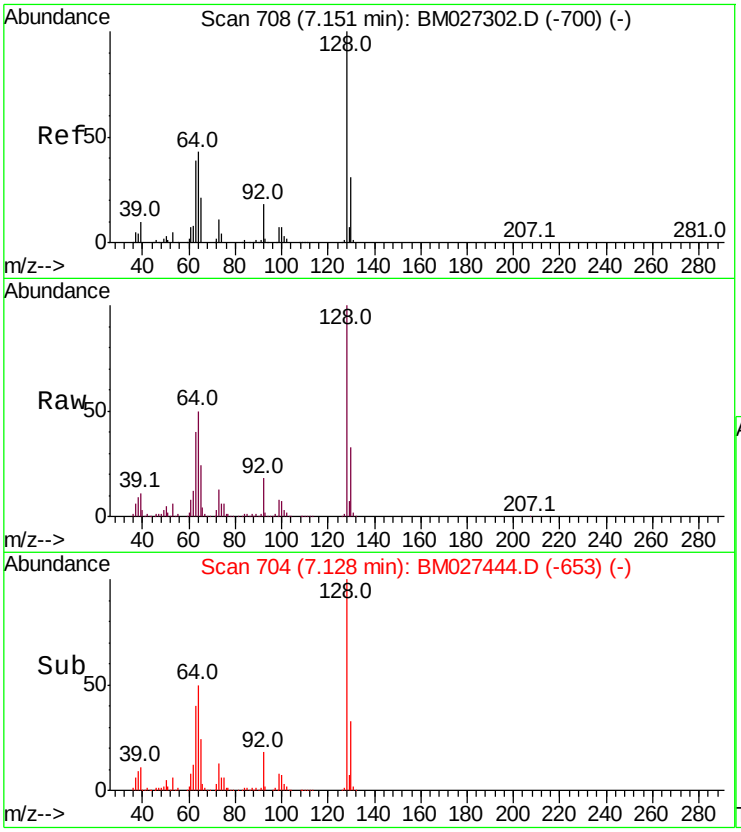


#7
Phenol-d6
Concen: 129.926 ng
RT: 6.75 min Scan# 639
Delta R.T. -0.00 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Tgt Ion: 99 Resp: 829875

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.5	20.3
71	49.4	39.4	59.0



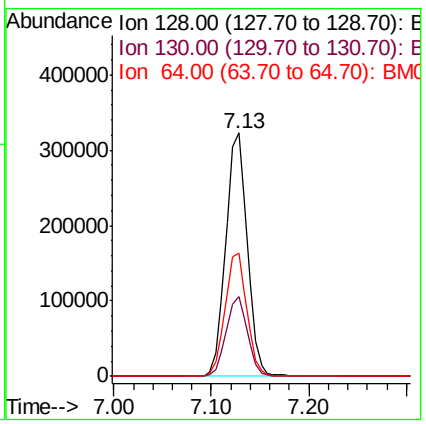


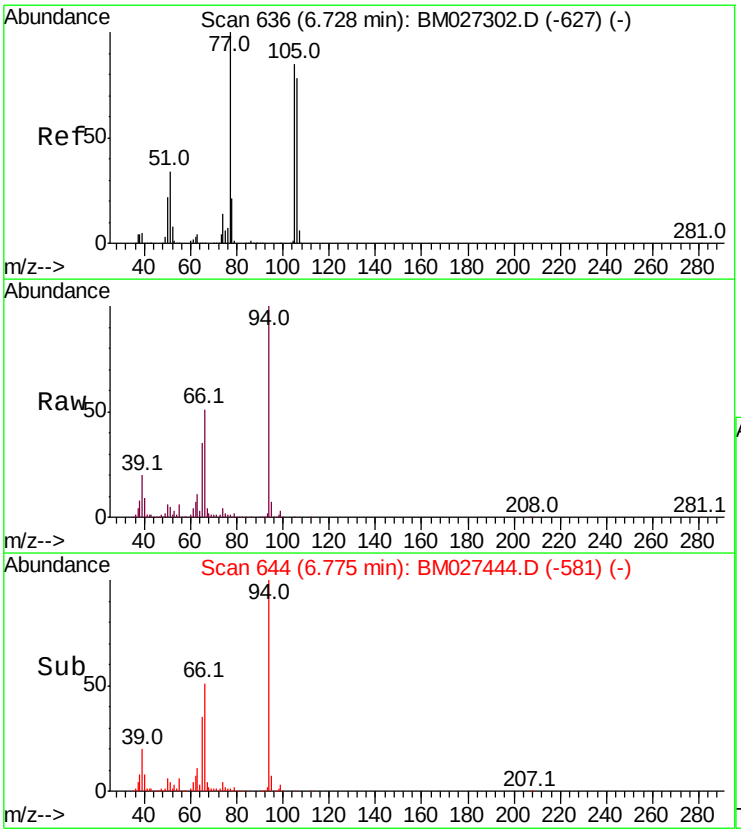
#8
2-Chlorophenol
Concen: 102.770 ng
RT: 7.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:128 Resp: 495195

Ion	Ratio	Lower	Upper
128	100		
130	32.6	11.5	51.5
64	50.4	30.1	70.1

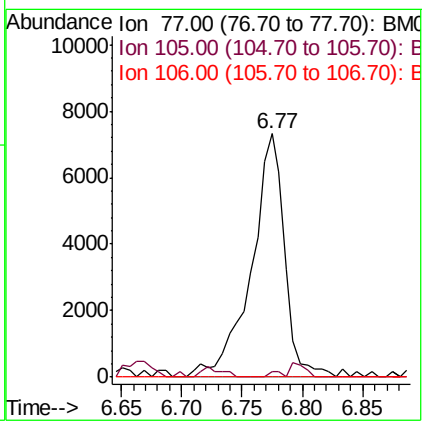


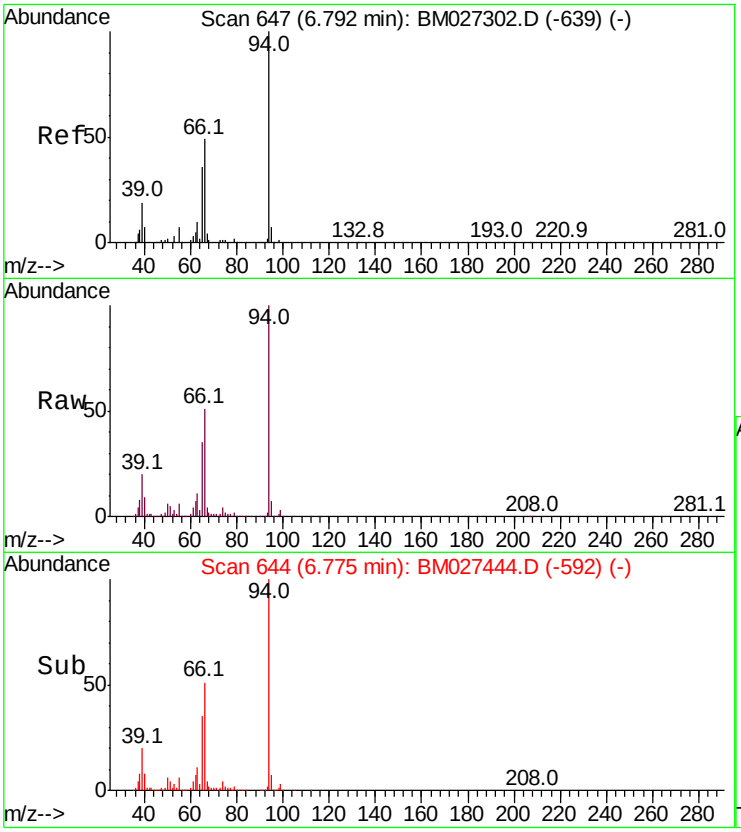


#9
Benzaldehyde
Concen: 2.799 ng
RT: 6.77 min Scan# 644
Delta R.T. 0.07 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Tgt Ion: 77 Resp: 14066

Ion	Ratio	Lower	Upper
77	100		
105	2.4	64.7	104.7#
106	0.0	57.5	97.5#



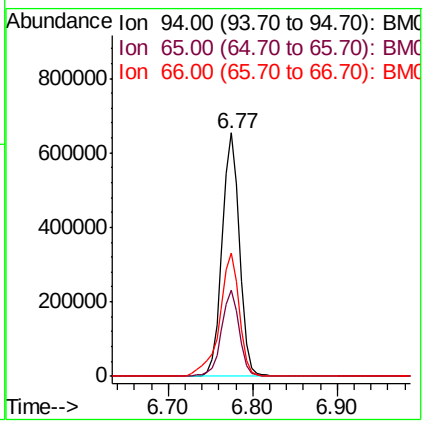


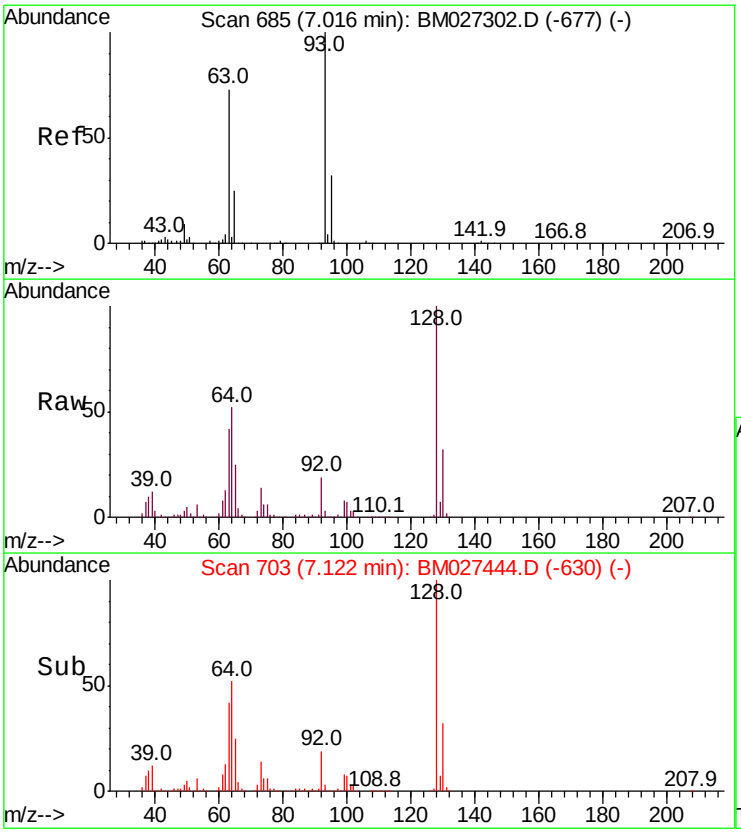
#10
Phenol
Concen: 151.135 ng
RT: 6.77 min Scan# 644
Delta R.T. 0.01 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion: 94 Resp: 927625

Ion	Ratio	Lower	Upper
94	100		
65	35.1	16.4	56.4
66	50.9	30.2	70.2

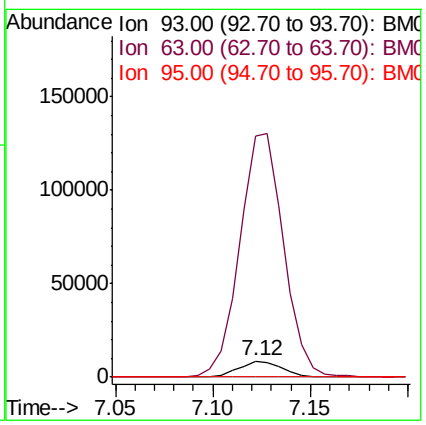


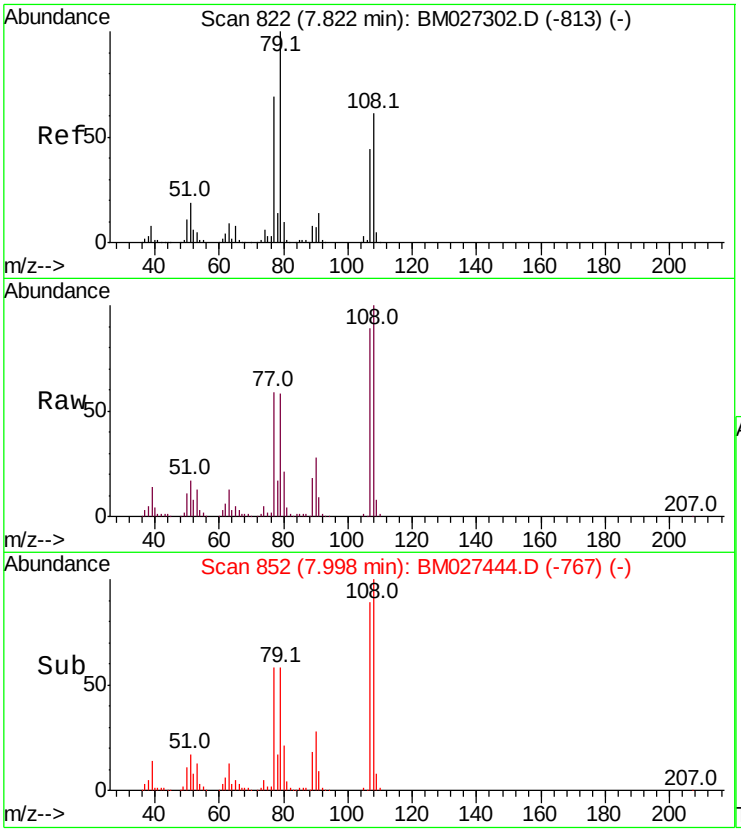


#11
bis(2-Chloroethyl)ether
Concen: 2.541 ng
RT: 7.12 min Scan# 703
Delta R.T. 0.13 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Tgt Ion: 93 Resp: 13125

Ion	Ratio	Lower	Upper
93	100		
63	1504.4	53.1	93.1#
95	3.4	12.1	52.1#



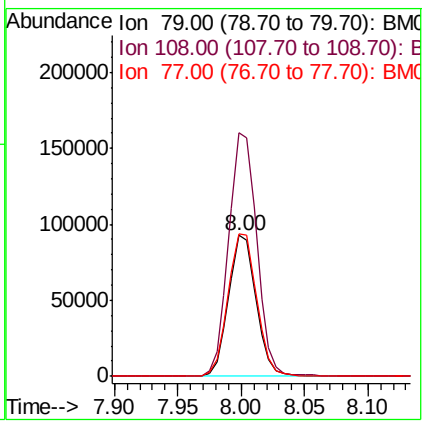


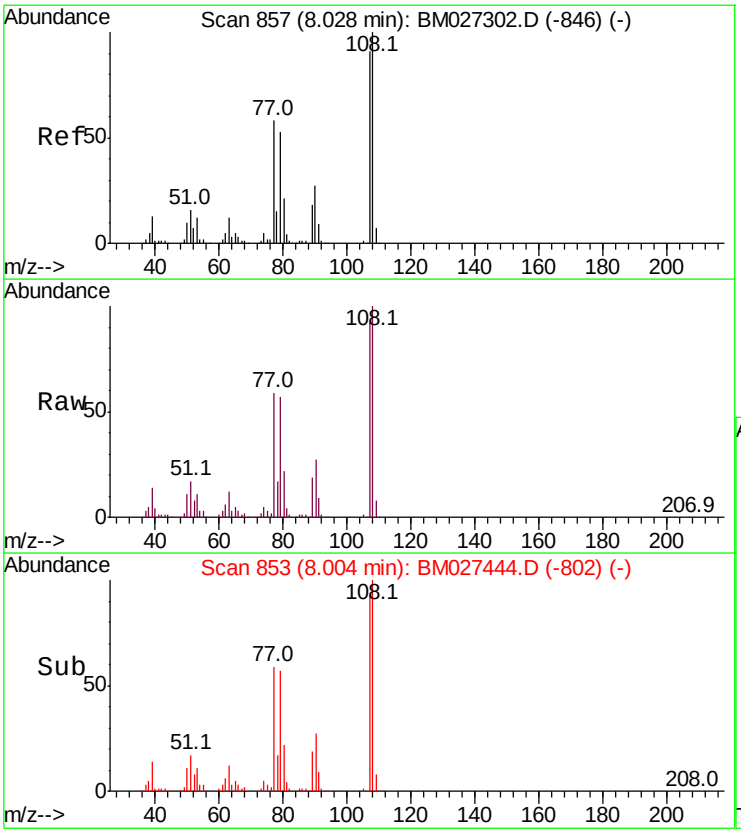
#15
Benzyl Alcohol
Concen: 25.426 ng
RT: 8.00 min Scan# 852
Delta R.T. 0.20 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion: 79 Resp: 139568

Ion	Ratio	Lower	Upper
79	100		
108	172.8	49.0	73.4#
77	101.1	55.2	82.8#

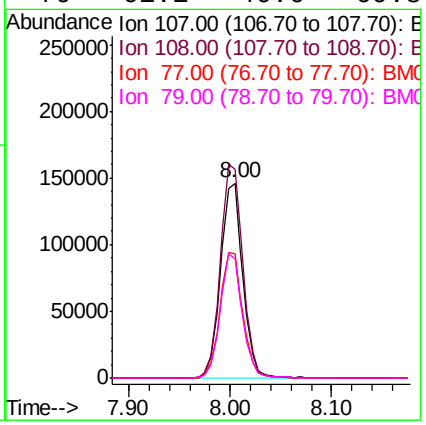


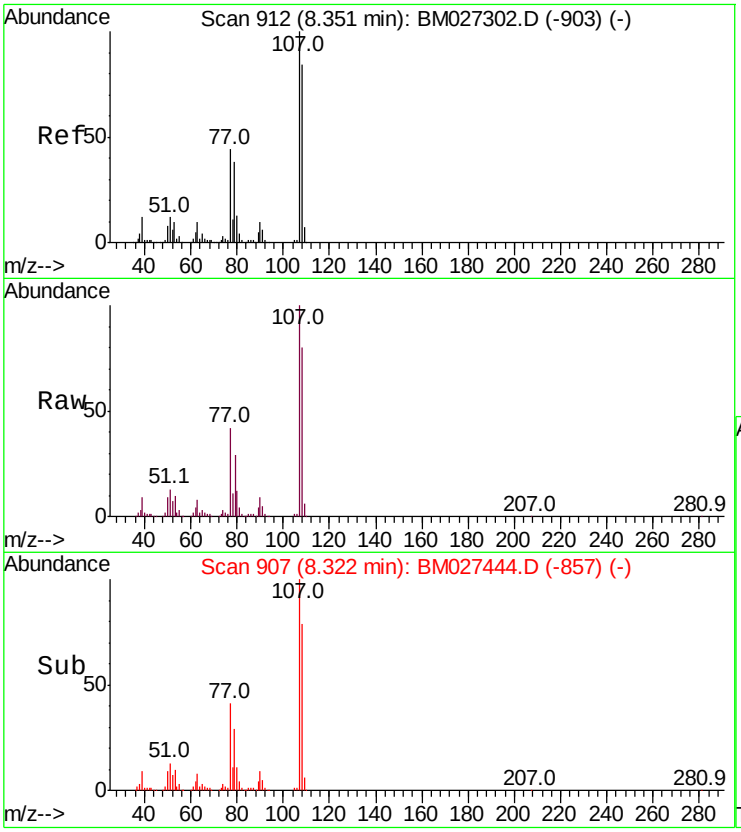


#17
2-Methylphenol
Concen: 53.522 ng
RT: 8.00 min Scan# 853
Delta R.T. -0.00 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Tgt Ion:107 Resp: 223068

Ion	Ratio	Lower	Upper
107	100		
108	107.2	87.8	131.6
77	63.6	50.9	76.3
79	61.1	46.6	69.8



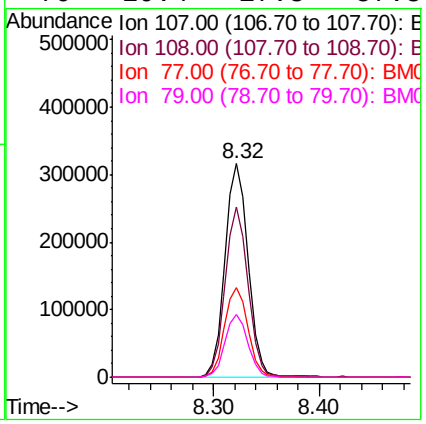


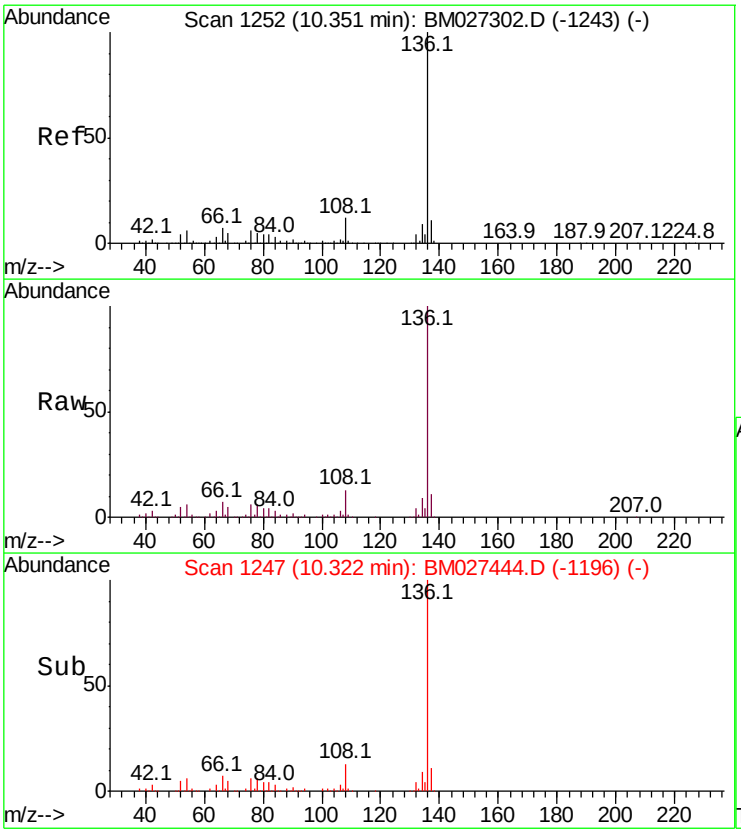
#20
3+4-Methylphenols
Concen: 84.431 ng
RT: 8.32 min Scan# 907
Delta R.T. -0.01 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:107 Resp: 480108

Ion	Ratio	Lower	Upper
107	100		
108	79.7	64.5	104.5
77	42.0	24.2	64.2
79	29.4	17.8	57.8

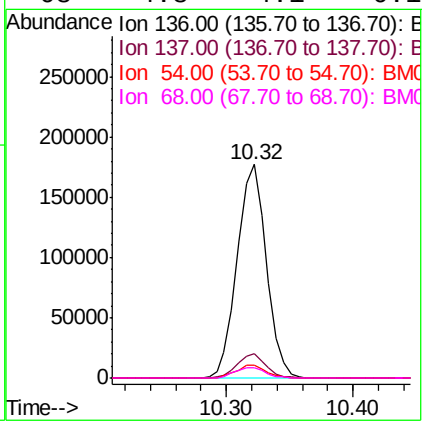


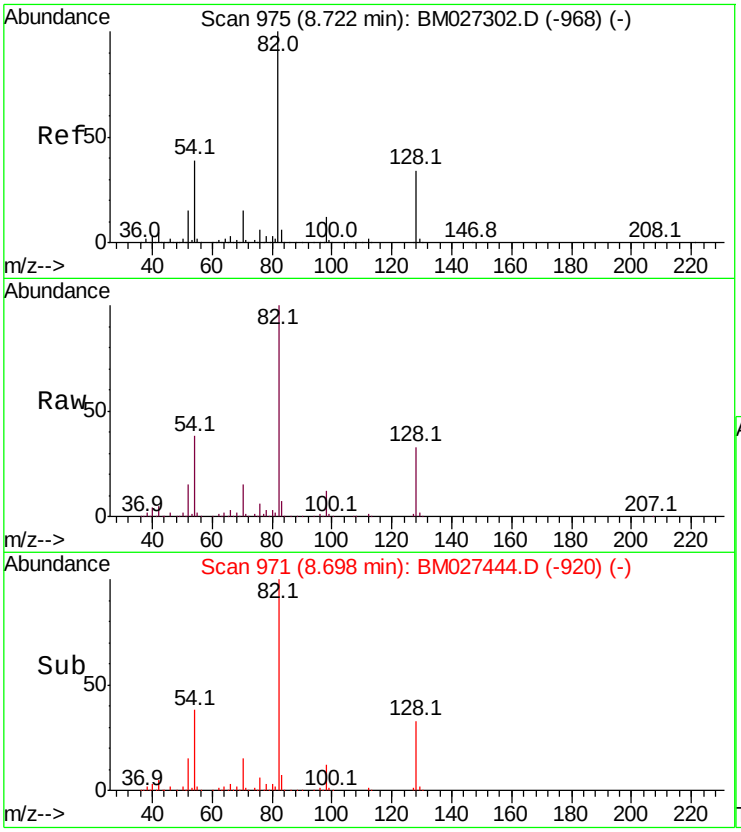


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Tgt Ion:136 Resp: 283054

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	6.2	4.6	7.0
68	4.8	4.1	6.1



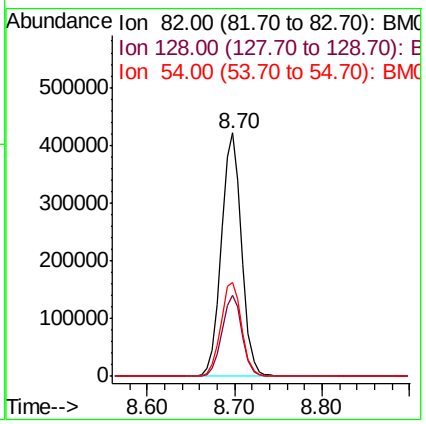


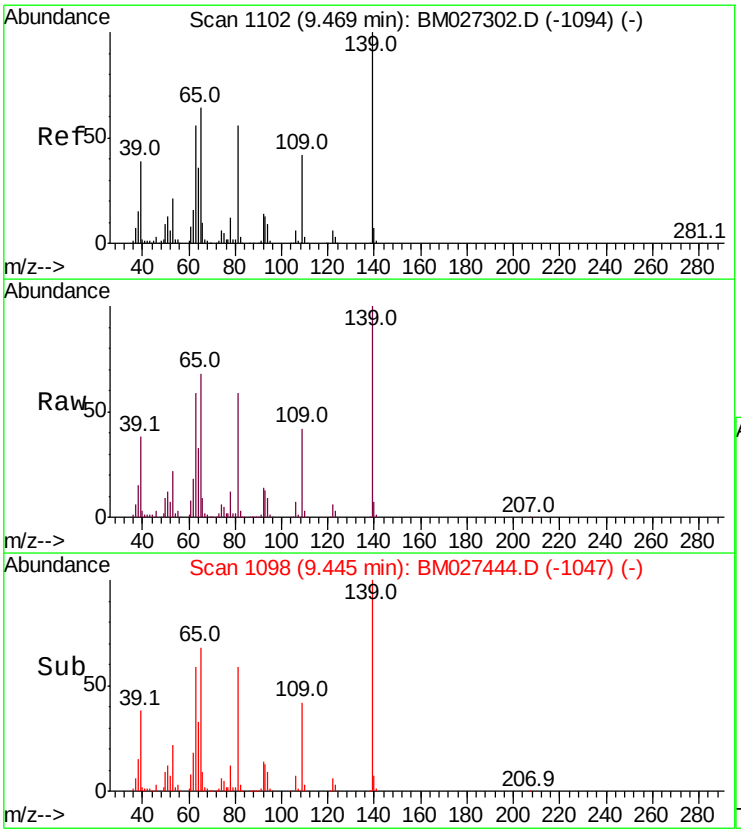
#23
Nitrobenzene-d5
Concen: 101.475 ng
RT: 8.70 min Scan# 971
Delta R.T. -0.00 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion: 82 Resp: 672331

Ion	Ratio	Lower	Upper
82	100		
128	33.1	27.4	41.0
54	38.4	31.4	47.0

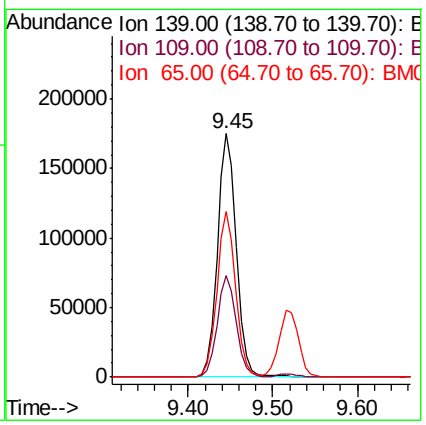


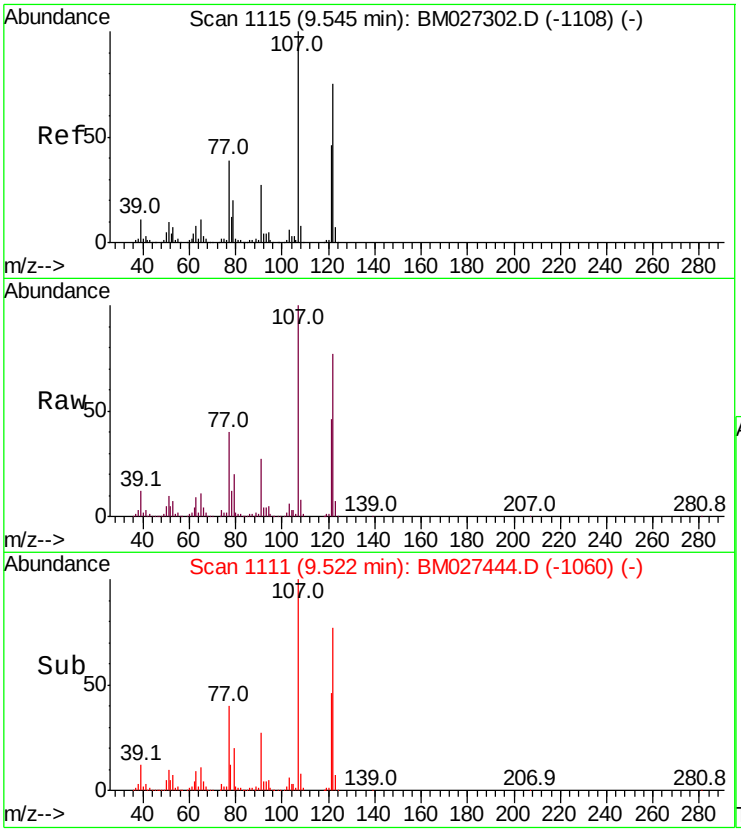


#26
2-Nitrophenol
Concen: 106.665 ng
RT: 9.45 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Tgt Ion:139 Resp: 273104

Ion	Ratio	Lower	Upper
139	100		
109	41.9	33.8	50.8
65	68.2	51.0	76.6



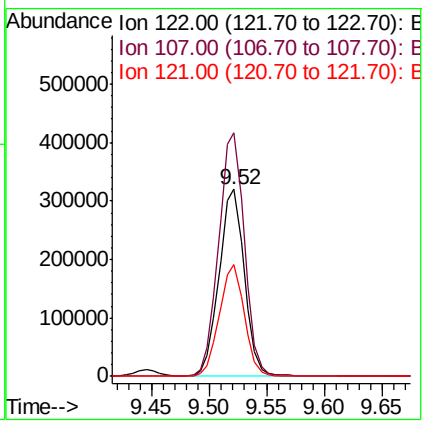


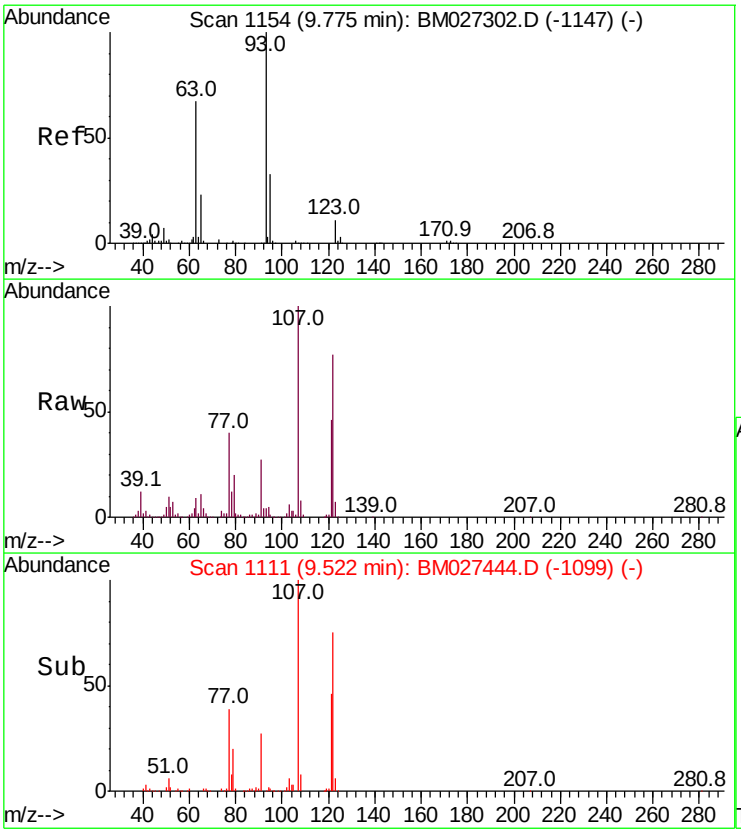
#27
2,4-Dimethylphenol
Concen: 110.694 ng
RT: 9.52 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:122 Resp: 484035

Ion	Ratio	Lower	Upper
122	100		
107	130.4	106.6	159.8
121	59.8	48.8	73.2

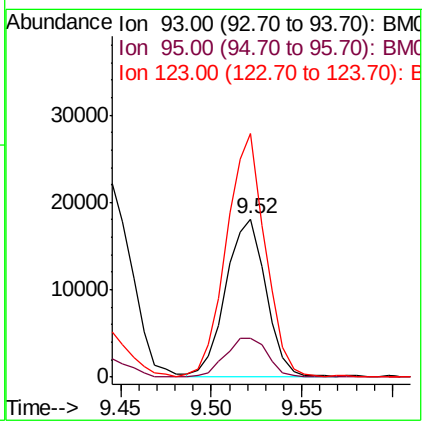


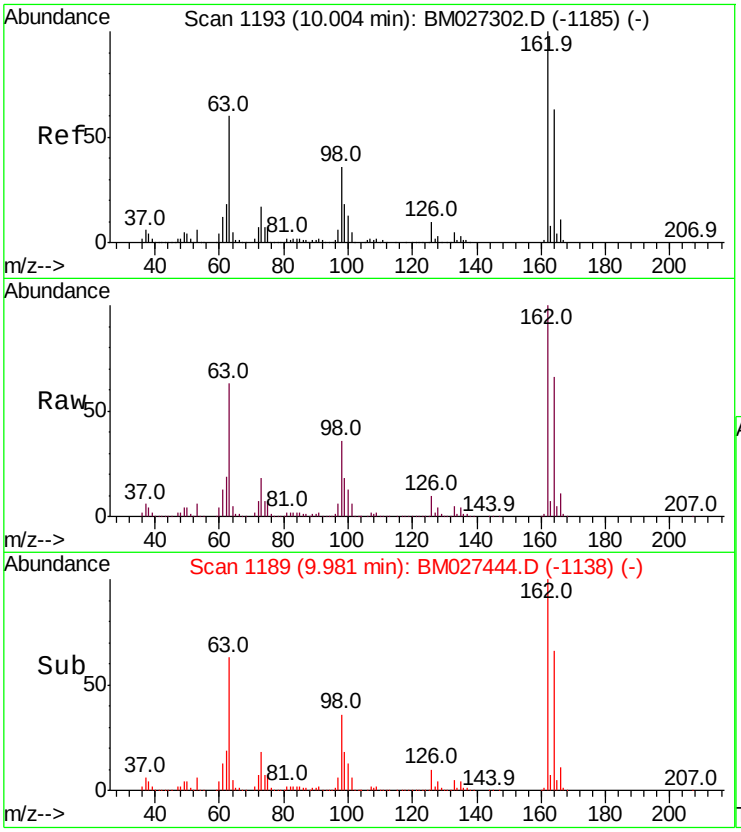


#28
bis(2-Chloroethoxy)methane
Concen: 4.183 ng
RT: 9.52 min Scan# 1111
Delta R.T. -0.23 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Tgt Ion: 93 Resp: 27970

Ion	Ratio	Lower	Upper
93	100		
95	24.4	26.5	39.7#
123	153.6	8.6	12.8#



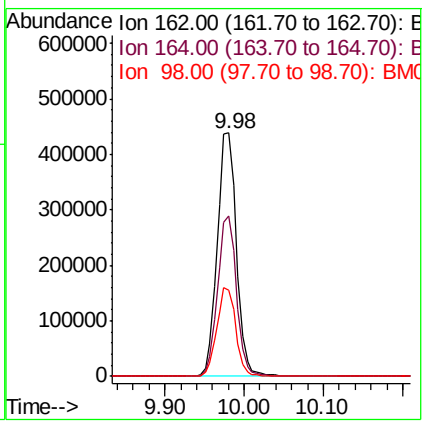


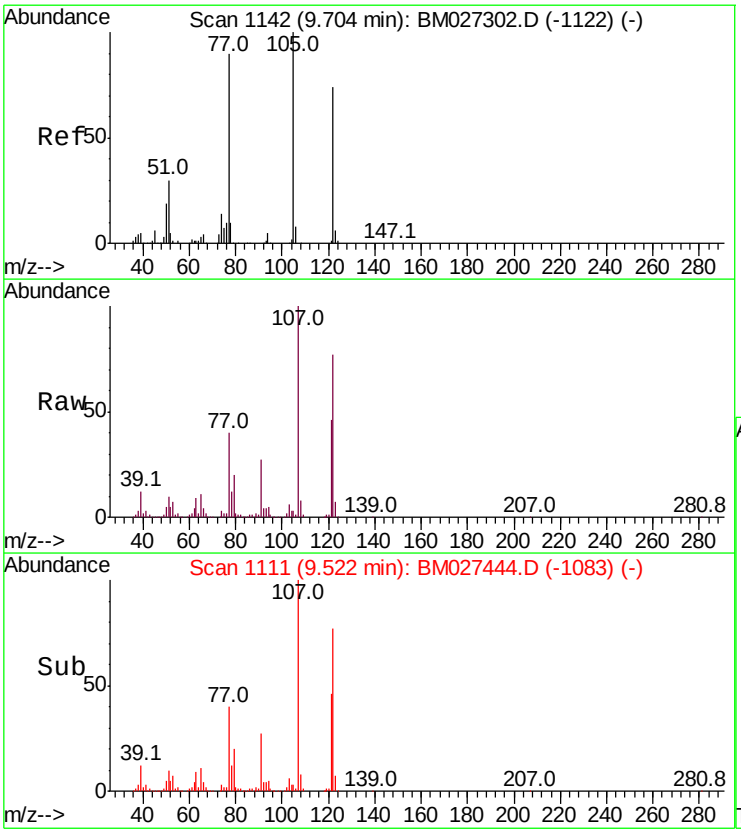
#29
2,4-Dichlorophenol
Concen: 146.445 ng
RT: 9.98 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:162 Resp: 737304

Ion	Ratio	Lower	Upper
162	100		
164	66.0	43.2	83.2
98	35.5	15.7	55.7

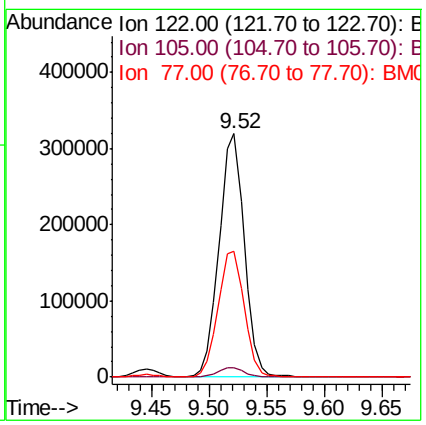


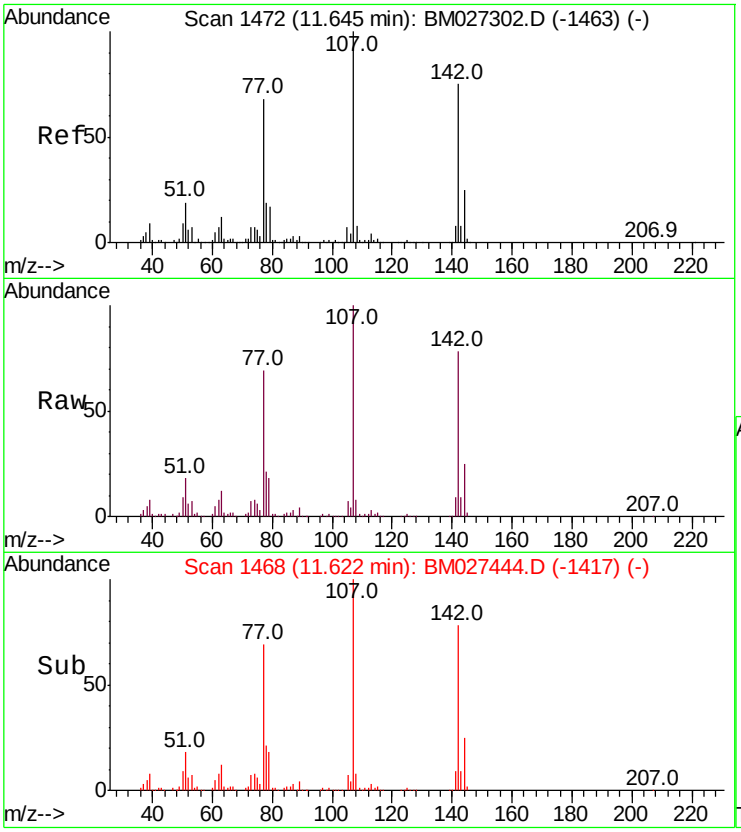


#32
Benzoic acid
Concen: 137.030 ng
RT: 9.52 min Scan# 1111
Delta R.T. -0.14 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Tgt Ion:122 Resp: 484035

Ion	Ratio	Lower	Upper
122	100		
105	4.1	114.0	154.0#
77	51.9	101.8	141.8#



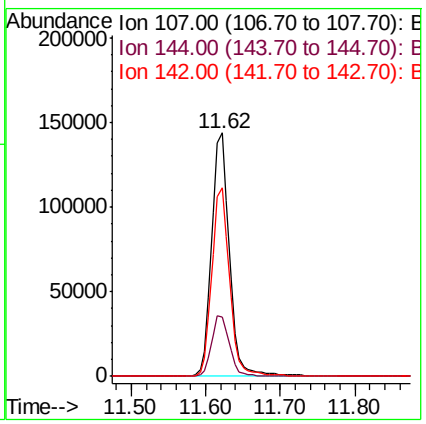


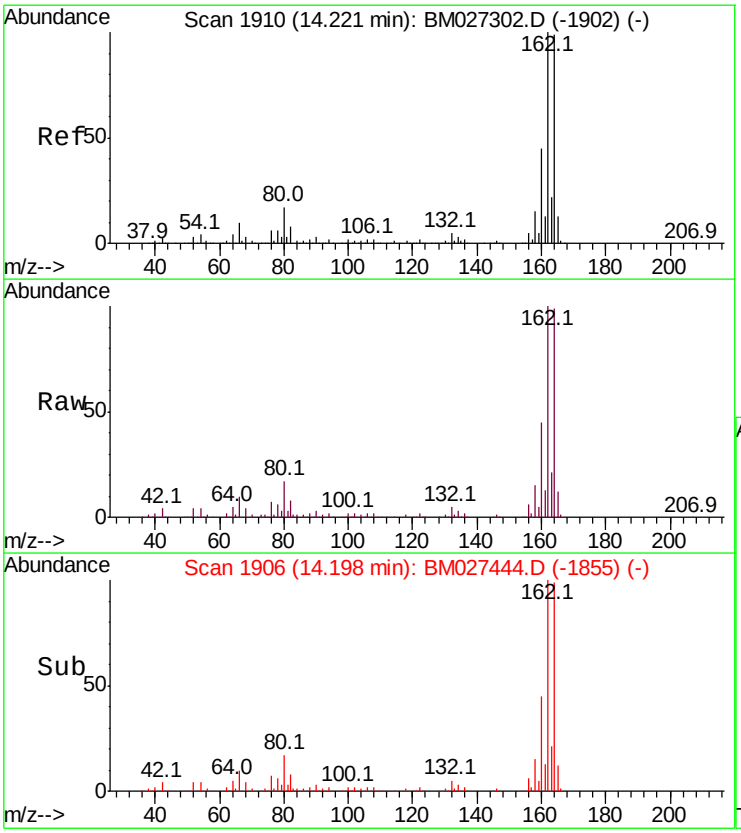
#36
4-Chloro-3-methylphenol
Concen: 43.878 ng
RT: 11.62 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:107 Resp: 237356

Ion	Ratio	Lower	Upper
107	100		
144	24.6	20.1	30.1
142	77.5	60.3	90.5

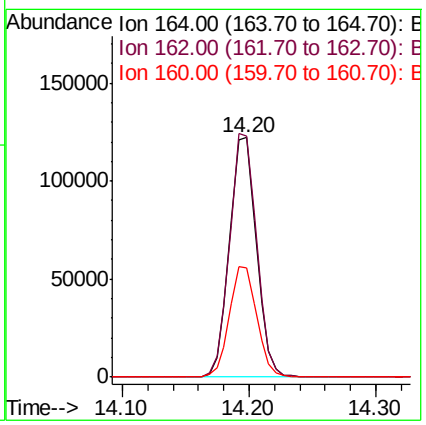


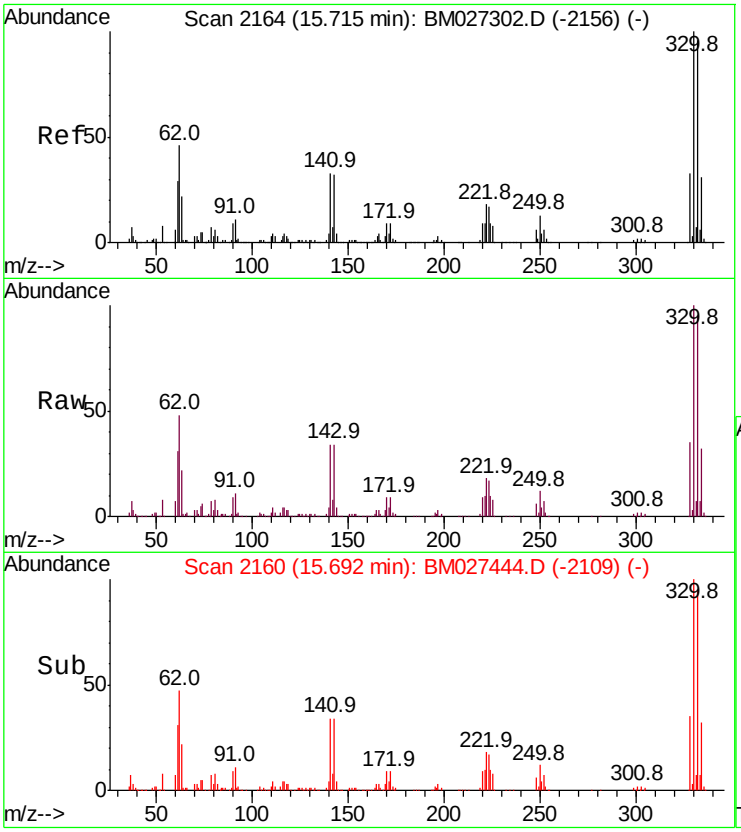


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Tgt Ion:164 Resp: 179690

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.4	120.6
160	45.6	35.9	53.9



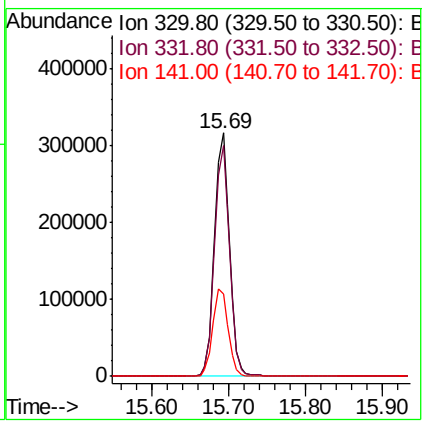


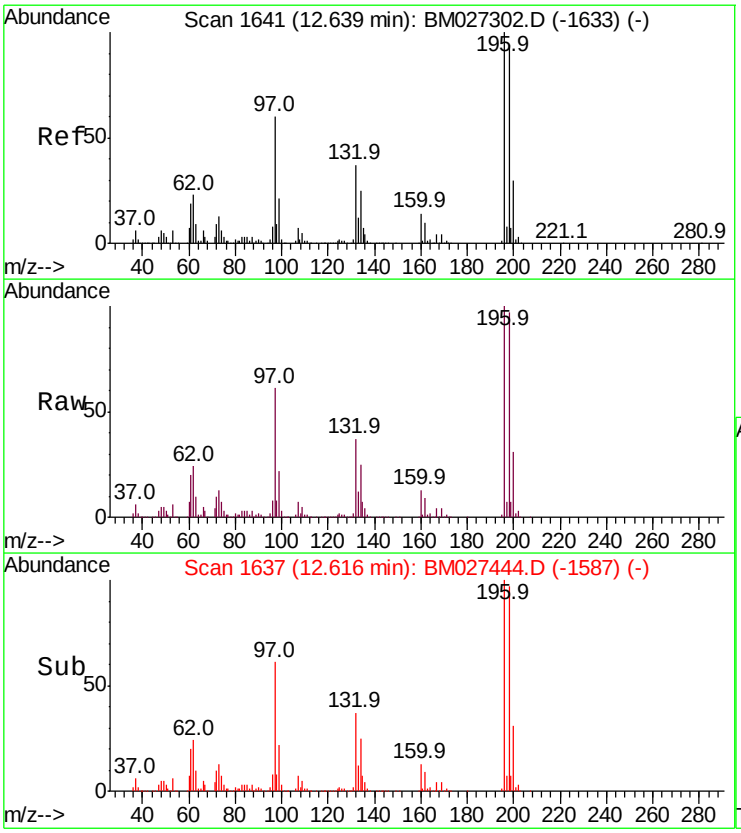
#42
2,4,6-Tribromophenol
Concen: 134.033 ng
RT: 15.69 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:330 Resp: 422288

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.8	116.8
141	37.3	28.4	42.6

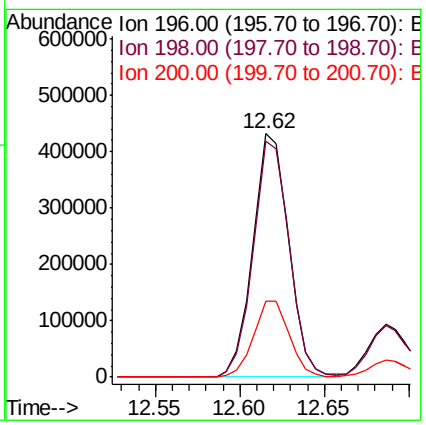


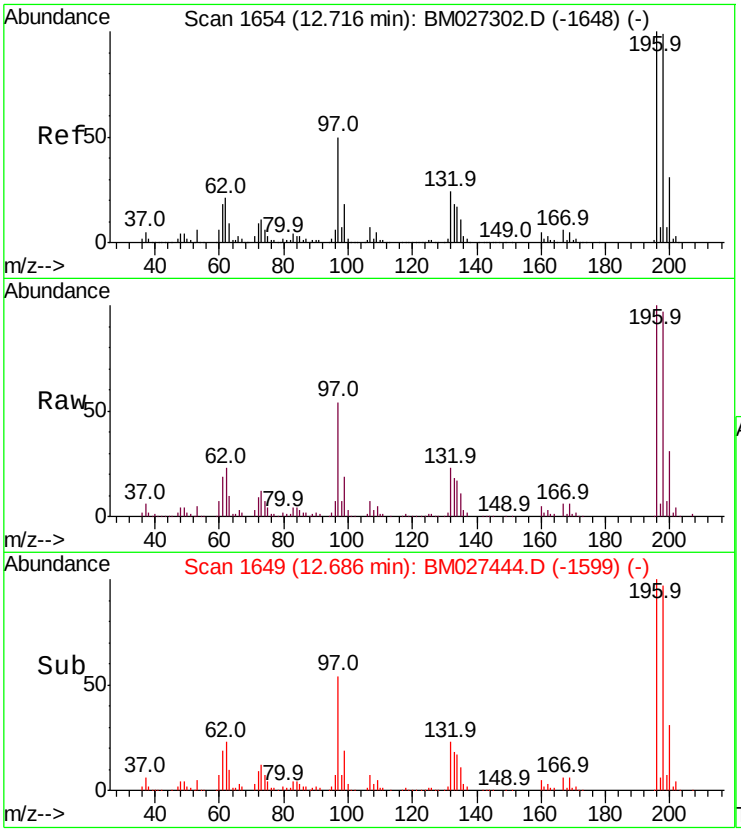


#43
2,4,6-Trichlorophenol
Concen: 161.288 ng
RT: 12.62 min Scan# 1637
Delta R.T. -0.01 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Tgt Ion:196 Resp: 639716

Ion	Ratio	Lower	Upper
196	100		
198	96.8	74.9	112.3
200	31.0	23.7	35.5



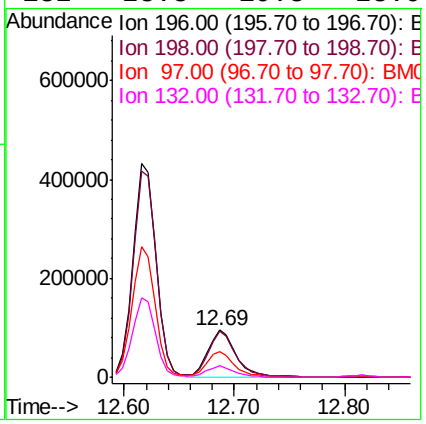


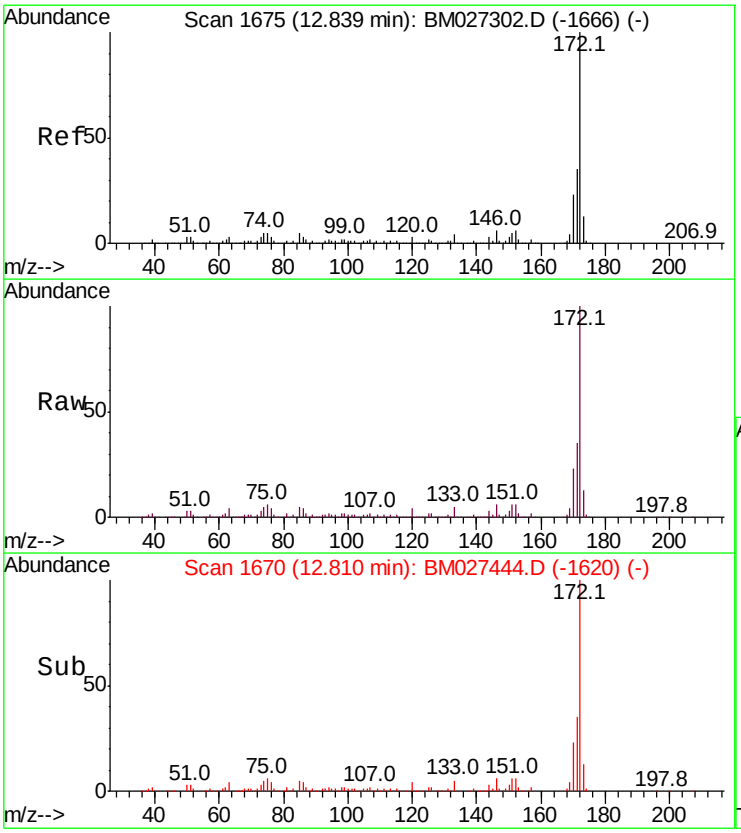
#44
2,4,5-Trichlorophenol
Concen: 38.341 ng
RT: 12.69 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:196 Resp: 165311

Ion	Ratio	Lower	Upper
196	100		
198	97.1	79.0	118.6
97	54.1	40.5	60.7
132	23.3	19.3	28.9

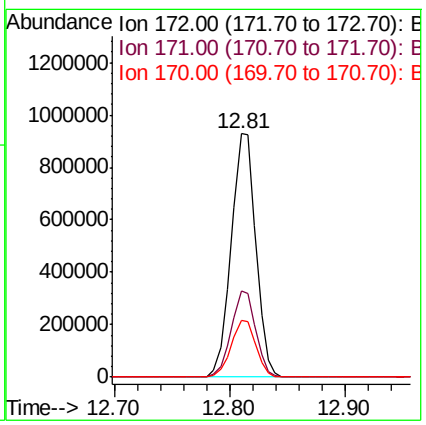


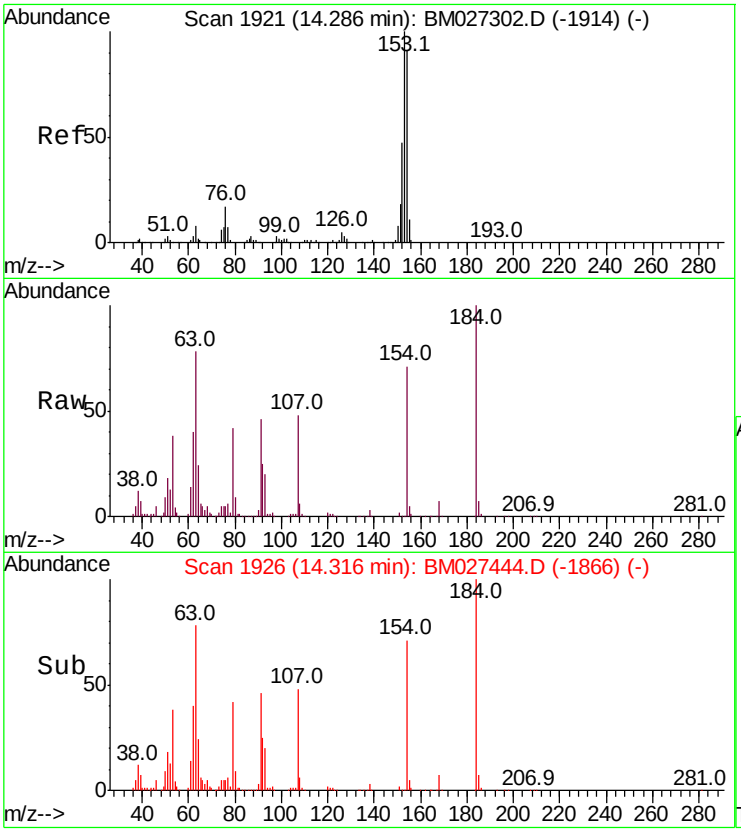


#45
2-Fluorobiphenyl
Concen: 101.473 ng
RT: 12.81 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Tgt Ion:172 Resp: 1371069

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.8
170	23.3	18.6	27.8



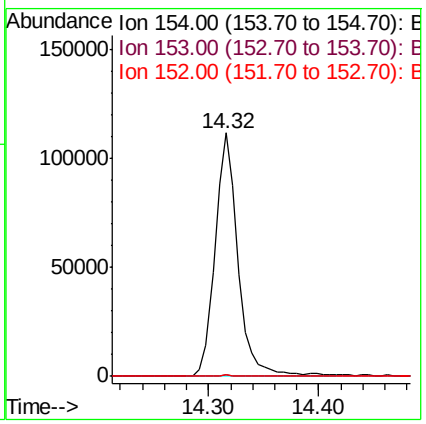


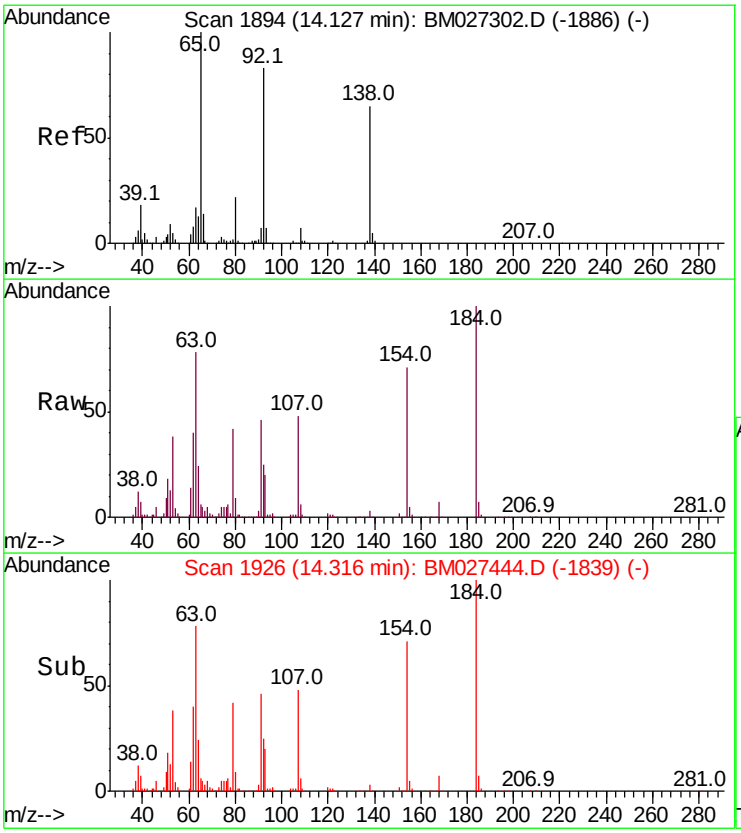
#52
Acenaphthene
Concen: 15.142 ng
RT: 14.32 min Scan# 1926
Delta R.T. 0.05 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:154 Resp: 160470

Ion	Ratio	Lower	Upper
154	100		
153	0.5	88.3	132.5#
152	0.5	41.4	62.2#

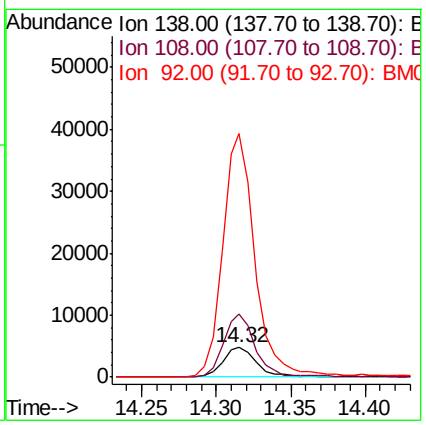


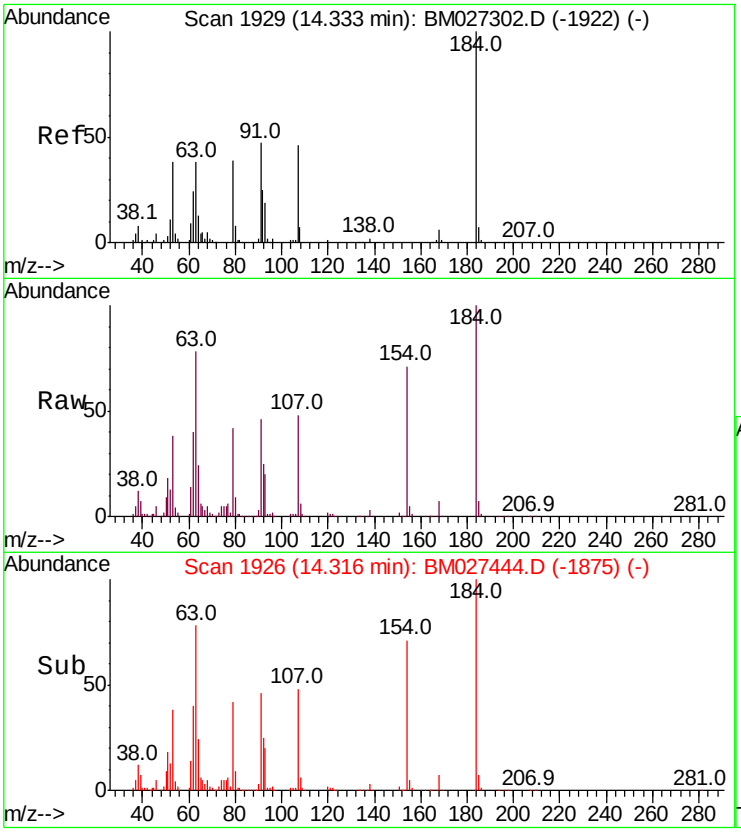


#53
3-Nitroaniline
Concen: 5.453 ng
RT: 14.32 min Scan# 1926
Delta R.T. 0.21 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Tgt Ion:138 Resp: 7629

Ion	Ratio	Lower	Upper
138	100		
108	213.6	8.6	13.0#
92	831.1	102.1	153.1#



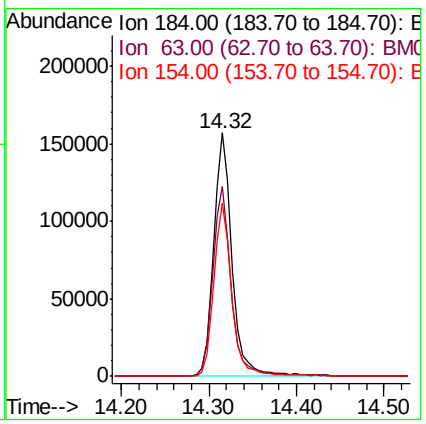


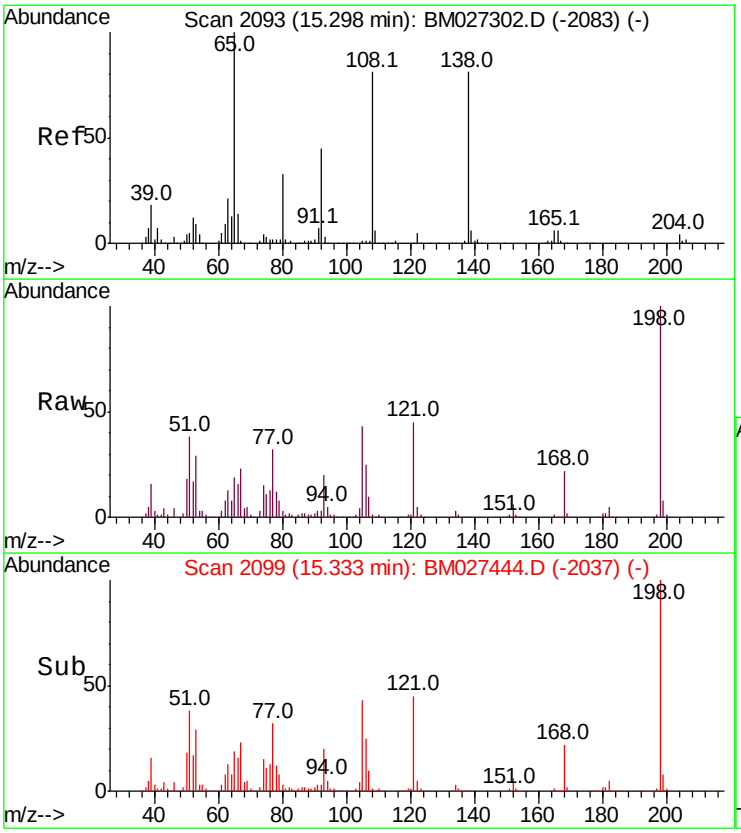
#54
2,4-Dinitrophenol
Concen: 106.945 ng
RT: 14.32 min Scan# 1926
Delta R.T. -0.00 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:184 Resp: 229327

Ion	Ratio	Lower	Upper
184	100		
63	77.9	60.2	90.2
154	71.0	52.9	79.3

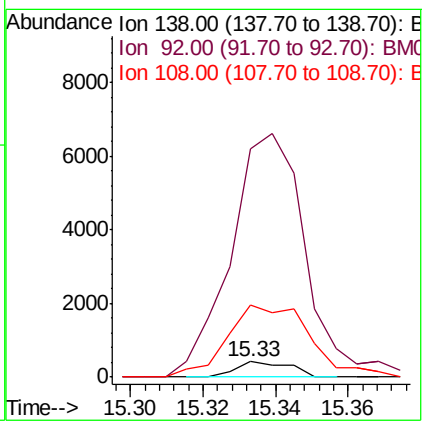


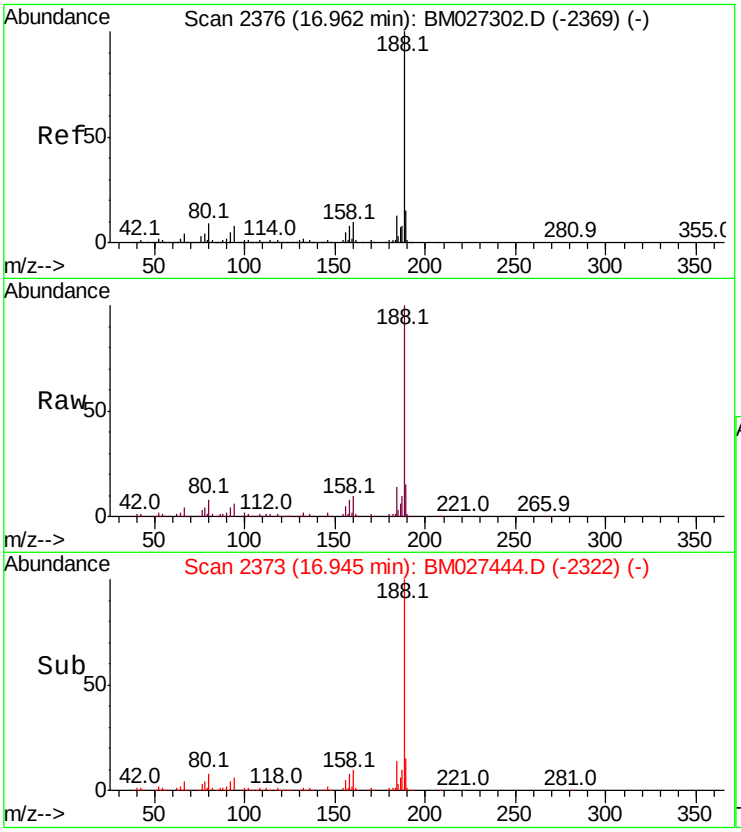


#62
4-Nitroaniline
Concen: 3.636 ng
RT: 15.33 min Scan# 2099
Delta R.T. 0.06 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Tgt Ion:138 Resp: 431

Ion	Ratio	Lower	Upper
138	100		
92	1460.6	35.5	75.5#
108	461.8	80.5	120.5#



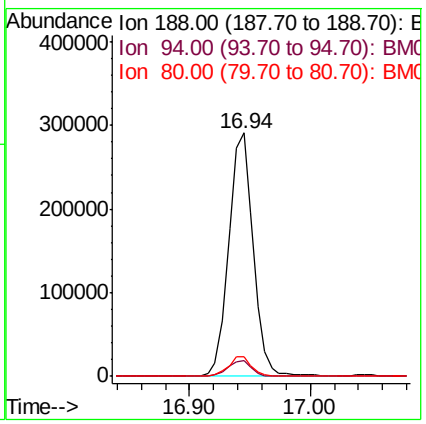


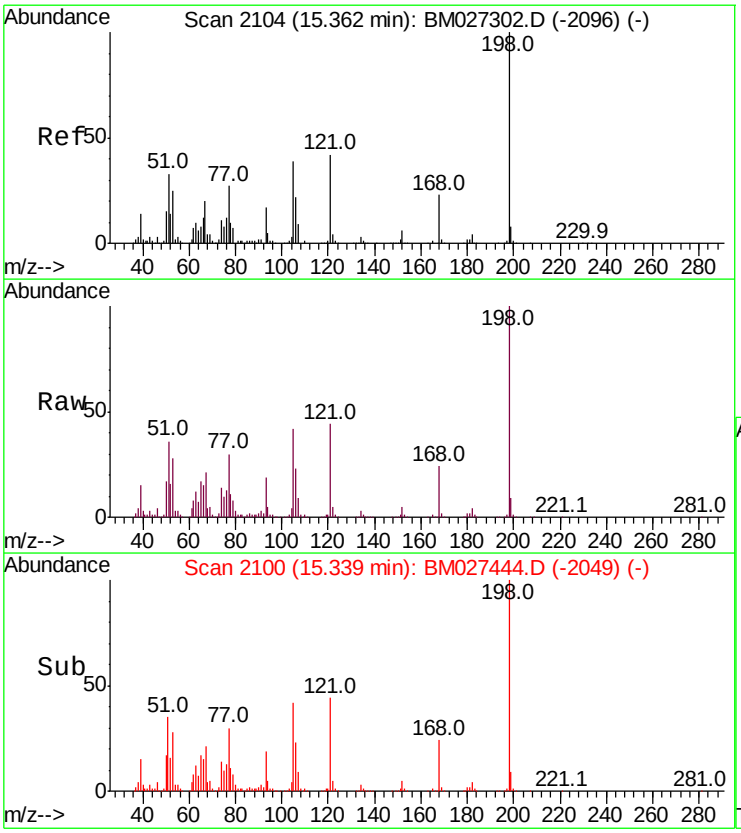
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:188 Resp: 410431

Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.2	9.4
80	7.9	7.5	11.3

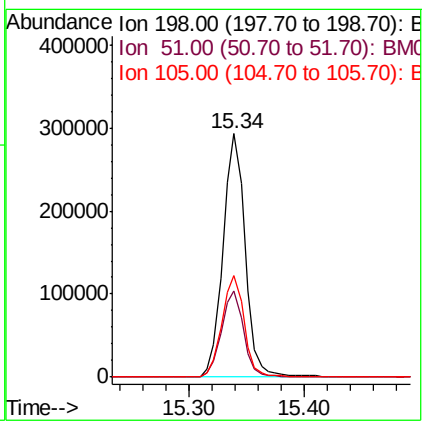


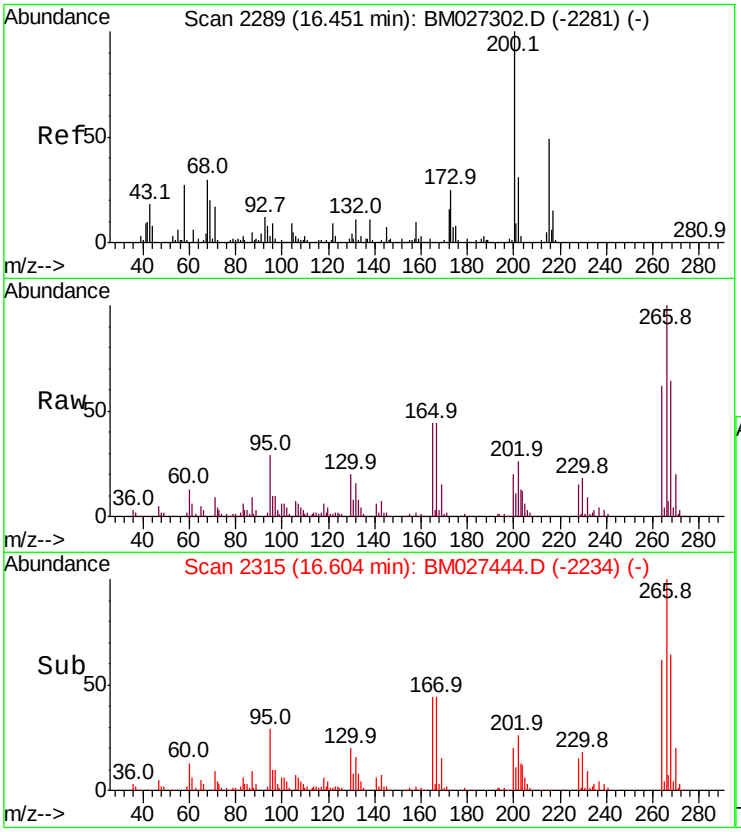


#65
4,6-Dinitro-2-methylphenol
Concen: 148.484 ng
RT: 15.34 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Tgt Ion:198 Resp: 391113

Ion	Ratio	Lower	Upper
198	100		
51	35.6	13.0	53.0
105	41.7	18.7	58.7



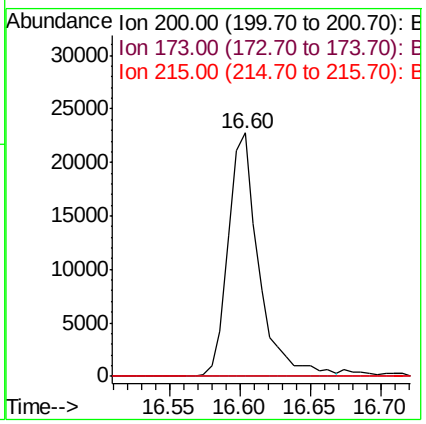


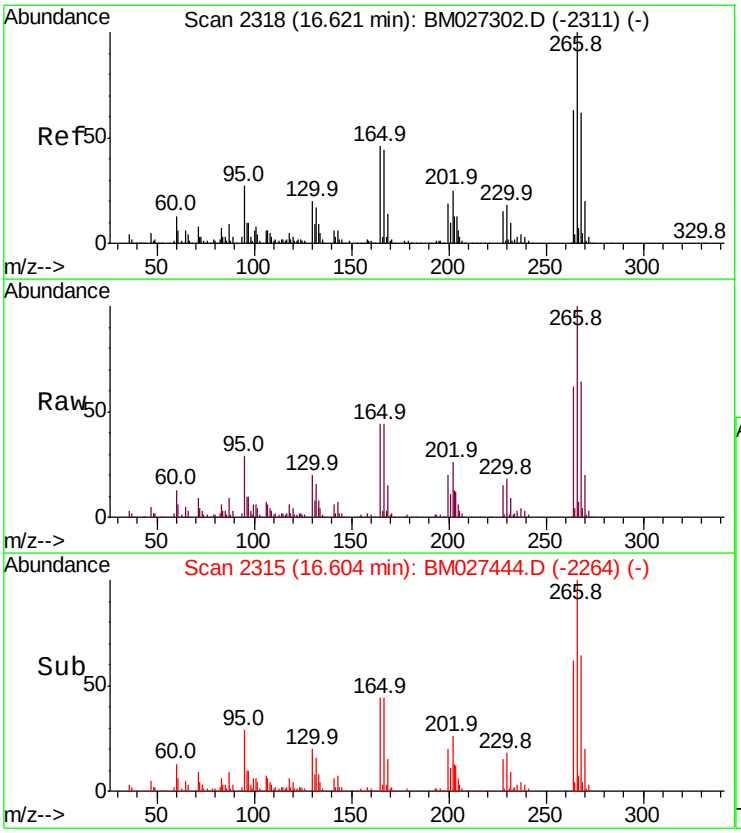
#69
Atrazine
Concen: 9.246 ng
RT: 16.60 min Scan# 2315
Delta R.T. 0.18 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:200 Resp: 34337

Ion	Ratio	Lower	Upper
200	100		
173	0.0	4.9	44.9#
215	0.0	29.0	69.0#

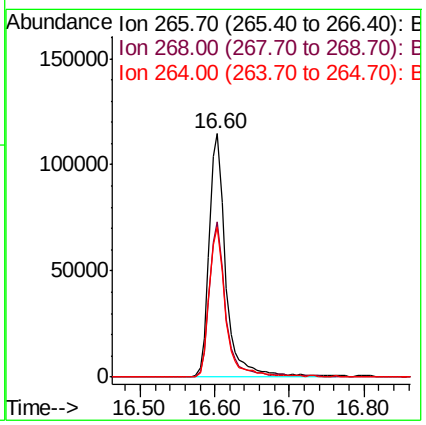


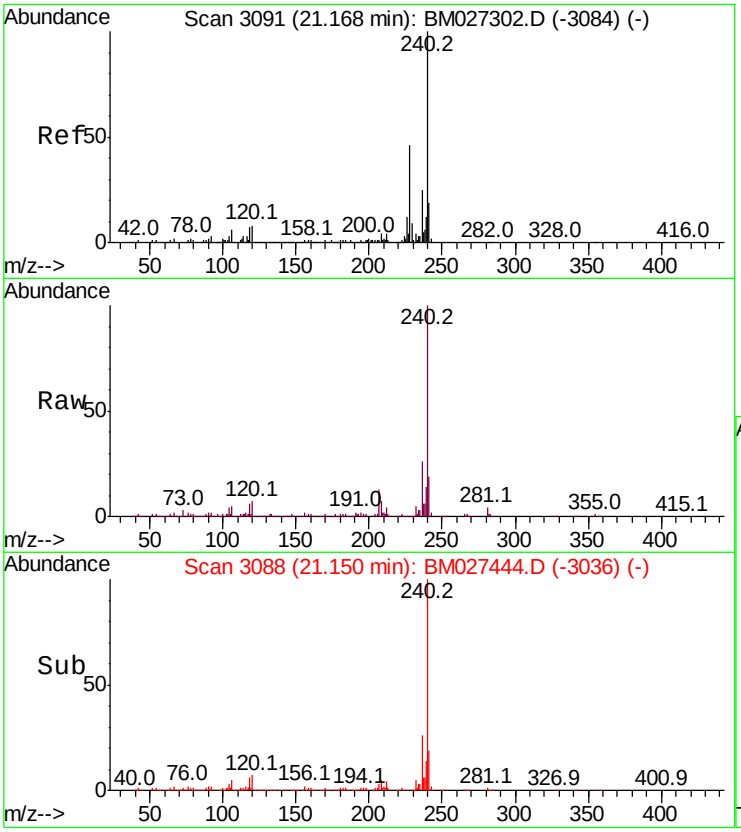


#70
Pentachlorophenol
Concen: 49.700 ng
RT: 16.60 min Scan# 2315
Delta R.T. -0.00 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Tgt Ion:266 Resp: 177780

Ion	Ratio	Lower	Upper
266	100		
268	63.7	49.9	74.9
264	61.7	50.6	76.0



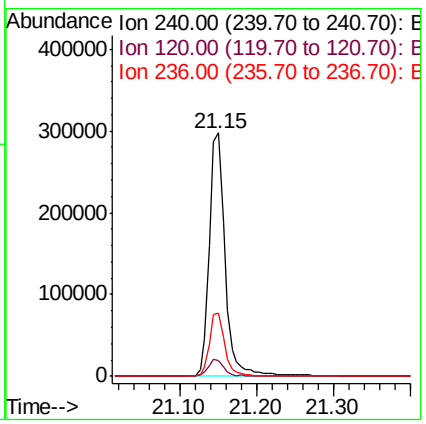


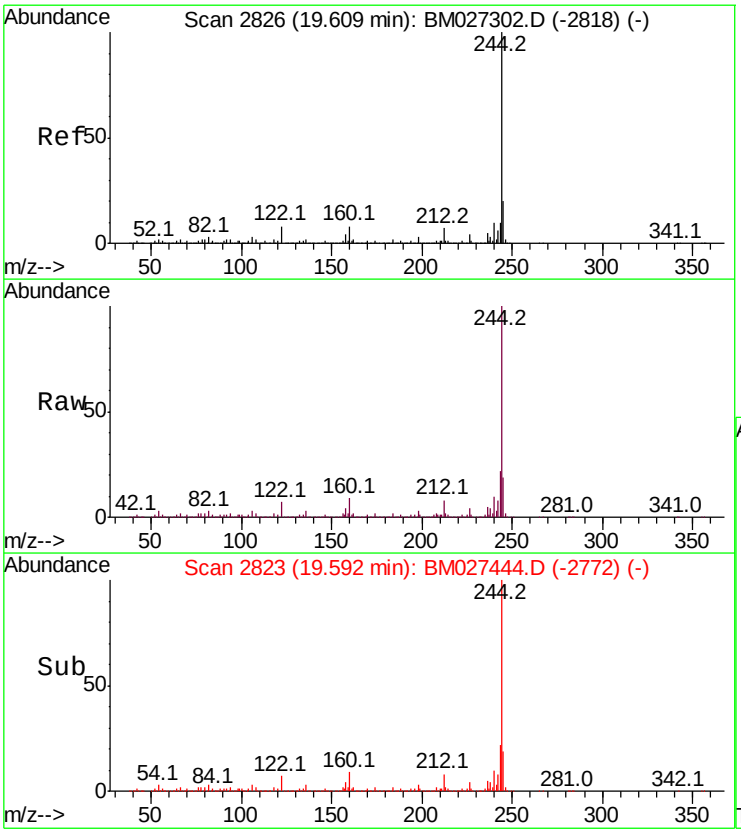
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3088
Delta R.T. 0.01 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:240 Resp: 418828

Ion	Ratio	Lower	Upper
240	100		
120	6.7	6.4	9.6
236	25.8	20.1	30.1

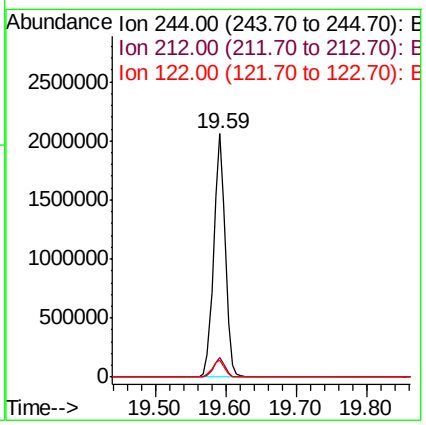


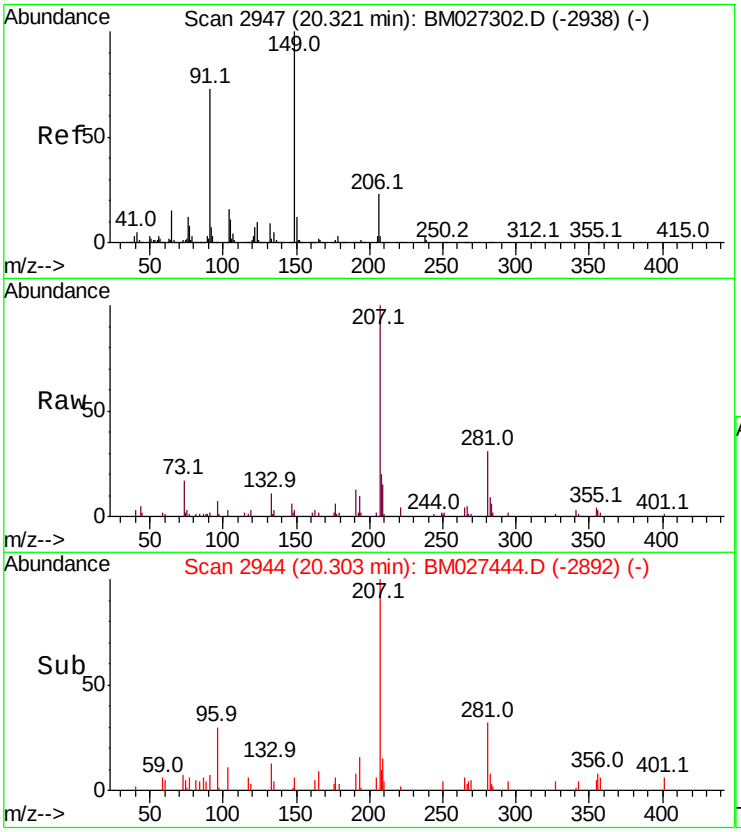


#79
Terphenyl-d14
Concen: 97.616 ng
RT: 19.59 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Tgt Ion:244 Resp: 2349054

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	7.2	6.5	9.7



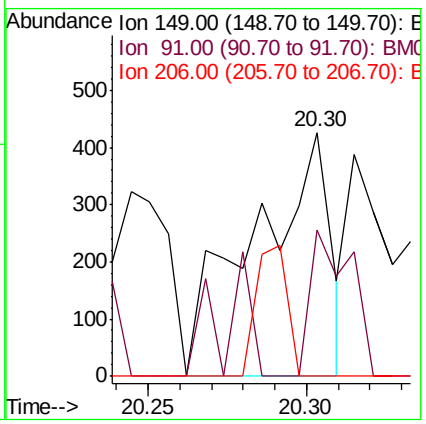


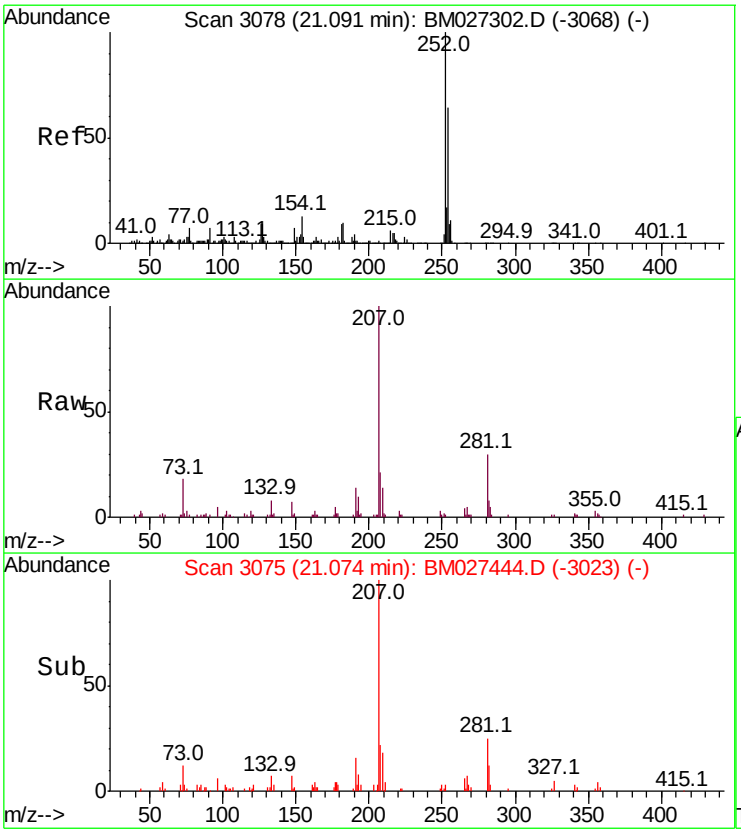
#80
Butylbenzylphthalate
Concen: 3.960 ng
RT: 20.30 min Scan# 2944
Delta R.T. 0.01 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:149 Resp: 716

Ion	Ratio	Lower	Upper
149	100		
91	60.1	58.1	87.1
206	0.0	18.7	28.1#

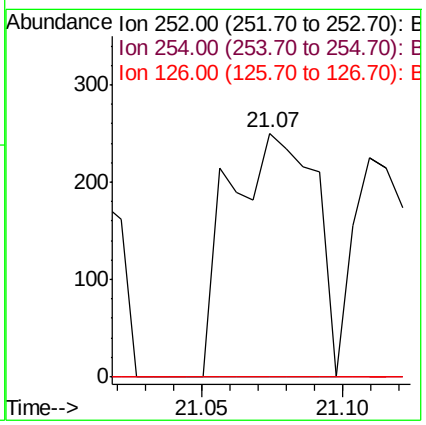


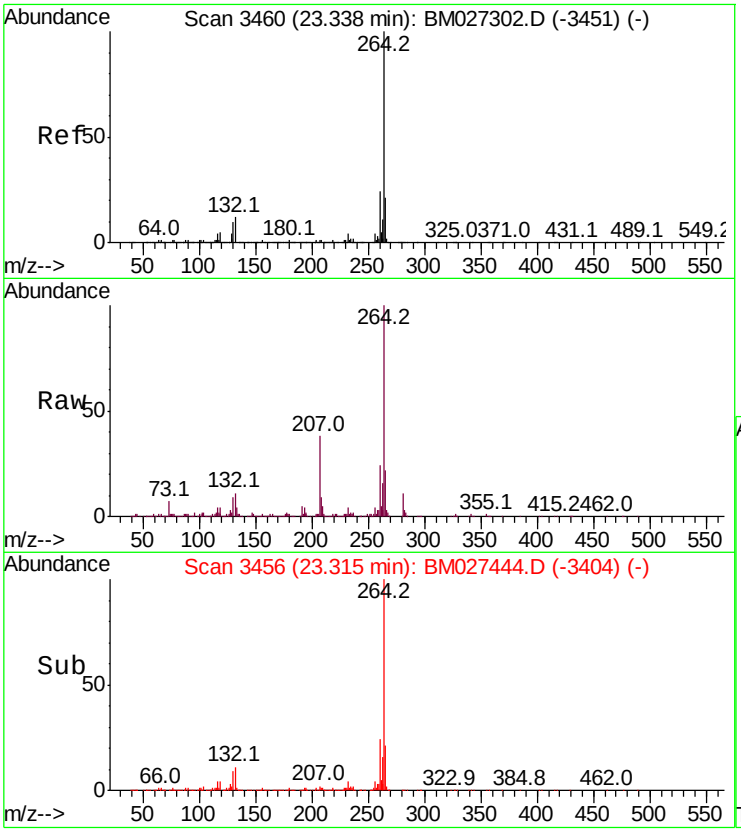


#82
3,3'-Dichlorobenzidine
Concen: 3.426 ng
RT: 21.07 min Scan# 3075
Delta R.T. 0.01 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Tgt Ion:252 Resp: 528

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.4	77.0#
126	0.0	6.8	10.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.31 min Scan# 3456
Delta R.T. 0.01 min
Lab File: BM027444.D
Acq: 16 Sep 2020 16:18

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:264 Resp: 439906

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	22.0	17.7	26.5