Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021820\
Data File : BP001767.D
Acq On : 18 Feb 2020 19:29
Operator : CG/JU
Sample : K5695-03
Misc : MDL-SOIL-03
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Feb 19 02:44:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 02:37:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	382004	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1563734	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	969538	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2102301	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2162060	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	2310650	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	42564	4.63	ng/uL	0.00
5) Phenol-d5	6.83	99	989440	34.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	584412	34.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	836370	35.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	775050	33.85	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	379638	35.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	371390	38.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	783394	34.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	1146493	42.58	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	2434699	35.78	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	3057143	36.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	366506	30.94	ng/ul	0.00
58) Fluorene-d10	15.29	176	2120805	34.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	239447	28.89	ng/ul	0.00
71) Anthracene-d10	17.14	188	3219868	34.77	ng/ul	0.00
79) Pyrene-d10	19.39	212	3646909	32.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	3806699	34.11	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	9258	0.938	ng/uL#	89
4) Benzaldehyde	6.80	77	70407	3.985	ng/ul	98
6) Phenol	6.86	94	106863	3.494	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.09	93	89471	3.627	ng/ul	98
10) 2-Chlorophenol	7.23	128	88106	3.571	ng/ul	96
11) 2-Methylphenol	8.10	108	71044	3.068	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.19	45	104283	3.548	ng/ul	99
14) Acetophenone	8.47	105	126254	3.569	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.46	70	55905	3.408	ng/ul	97
16) 4-Methylphenol	8.42	108	85934	3.446	ng/ul	98
17) Hexachloroethane	8.73	117	33536	3.416	ng/ul	92
20) Nitrobenzene	8.84	77	94798	3.613	ng/ul	97
21) Isophorone	9.37	82	152660	3.165	ng/ul	99
23) 2-Nitrophenol	9.55	139	43394	3.783	ng/ul	98
24) 2,4-Dimethylphenol	9.62	107	86503	3.358	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.86	93	112437	3.445	ng/ul	100
27) 2,4-Dichlorophenol	10.08	162	82332	3.524	ng/ul	92
28) Naphthalene	10.48	128	302512	3.620	ng/ul	99
30) 4-Chloroaniline	10.59	127	112001	4.116	ng/ul	100
31) Hexachlorobutadiene	10.79	225	57833	3.501	ng/ul	98
32) Caprolactam	11.35	113	15499	2.196	ng/ul	92
33) 4-Chloro-3-methylphenol	11.72	107	66298	2.980	ng/ul	97
34) 2-Methylnaphthalene	12.10	142	201224	3.493	ng/ul	99

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021820\
Data File : BP001767.D
Acq On : 18 Feb 2020 19:29
Operator : CG/JU
Sample : K5695-03
Misc : MDL-SOIL-03
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Feb 19 02:44:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 02:37:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.32	142	213962	3.769 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.48	216	112203	3.553 ng/ul	95
38) Hexachlorocyclopentadiene	12.46	237	45836	2.687 ng/ul	96
39) 2,4,6-Trichlorophenol	12.72	196	46616	2.762 ng/ul	97
40) 2,4,5-Trichlorophenol	12.78	196	52031	2.800 ng/ul	97
41) 1,1'-Biphenyl	13.12	154	270862	3.584 ng/ul	99
42) 2-Chloronaphthalene	13.16	162	211316	3.541 ng/ul	99
43) 2-Nitroaniline	13.36	65	31713	2.647 ng/ul	99
45) Dimethylphthalate	13.76	163	256813	3.586 ng/ul	99
46) 2,6-Dinitrotoluene	13.86	165	31260	2.505 ng/ul	98
48) Acenaphthylene	14.01	152	331101	3.643 ng/ul	100
49) 3-Nitroaniline	14.19	138	35094	2.762 ng/ul#	91
50) Acenaphthene	14.36	153	221159	3.561 ng/ul	99
51) 2,4-Dinitrophenol	14.39	184	8806	1.700 ng/ul	98
53) 4-Nitrophenol	14.50	109	28756	3.278 ng/ul	92
54) Dibenzofuran	14.69	168	320772	3.667 ng/ul	100
55) 2,4-Dinitrotoluene	14.65	165	52909	2.879 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.92	232	43514	2.897 ng/ul#	99
57) Diethylphthalate	15.13	149	227407	3.321 ng/ul	99
59) Fluorene	15.35	166	259451	3.729 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.35	204	135171	3.743 ng/ul	99
61) 4-Nitroaniline	15.35	138	39899	2.781 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.42	198	28350	3.067 ng/ul#	68
65) N-Nitrosodiphenylamine	15.56	169	206464	3.425 ng/ul	98
66) 4-Bromophenyl-phenylether	16.25	248	76945	3.335 ng/ul	99
67) Hexachlorobenzene	16.36	284	91951	3.453 ng/ul	99
68) Atrazine	16.52	200	58491	2.692 ng/ul	94
69) Pentachlorophenol	16.70	266	28035	2.175 ng/ul	98
70) Phenanthrene	17.09	178	423284	3.651 ng/ul	99
72) Anthracene	17.17	178	412798	3.605 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	125451	3.640 ng/uL	99
74) Pentachlorobenzene	14.62	250	112415	3.346 ng/uL	99
75) Carbazole	17.45	167	324817	3.401 ng/ul	98
76) Di-n-butylphthalate	18.03	149	294659	2.804 ng/ul	100
77) Fluoranthene	19.06	202	441673	3.558 ng/ul	97
80) Pyrene	19.42	202	512742	3.487 ng/ul	98
81) Butylbenzylphthalate	20.31	149	106219	2.326 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.06	252	115638	2.473 ng/ul	98
83) Benzo(a)anthracene	21.12	228	485161	3.408 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.08	149	212675	2.812 ng/ul	99
85) Chrysene	21.17	228	475437	3.418 ng/ul	99
87) Di-n-octyl phthalate	21.95	149	274470	2.372 ng/ul	100
88) Benzo(b)fluoranthene	22.68	252	451208	3.319 ng/ul	99
89) Benzo(k)fluoranthene	22.73	252	479025	3.399 ng/ul	99
91) Benzo(a)pyrene	23.25	252	448248	3.518 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.57	276	503962	3.166 ng/ul	100
93) Dibenzo(a,h)anthracene	25.59	278	436269	3.263 ng/ul	99
94) Benzo(g,h,i)perylene	26.25	276	424784	3.139 ng/ul	99

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Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021820\
Data File : BP001767.D
Acq On : 18 Feb 2020 19:29
Operator : CG/JU
Sample : K5695-03
Misc : MDL-SOIL-03
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Feb 19 02:44:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 02:37:06 2020
Response via : Initial Calibration

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

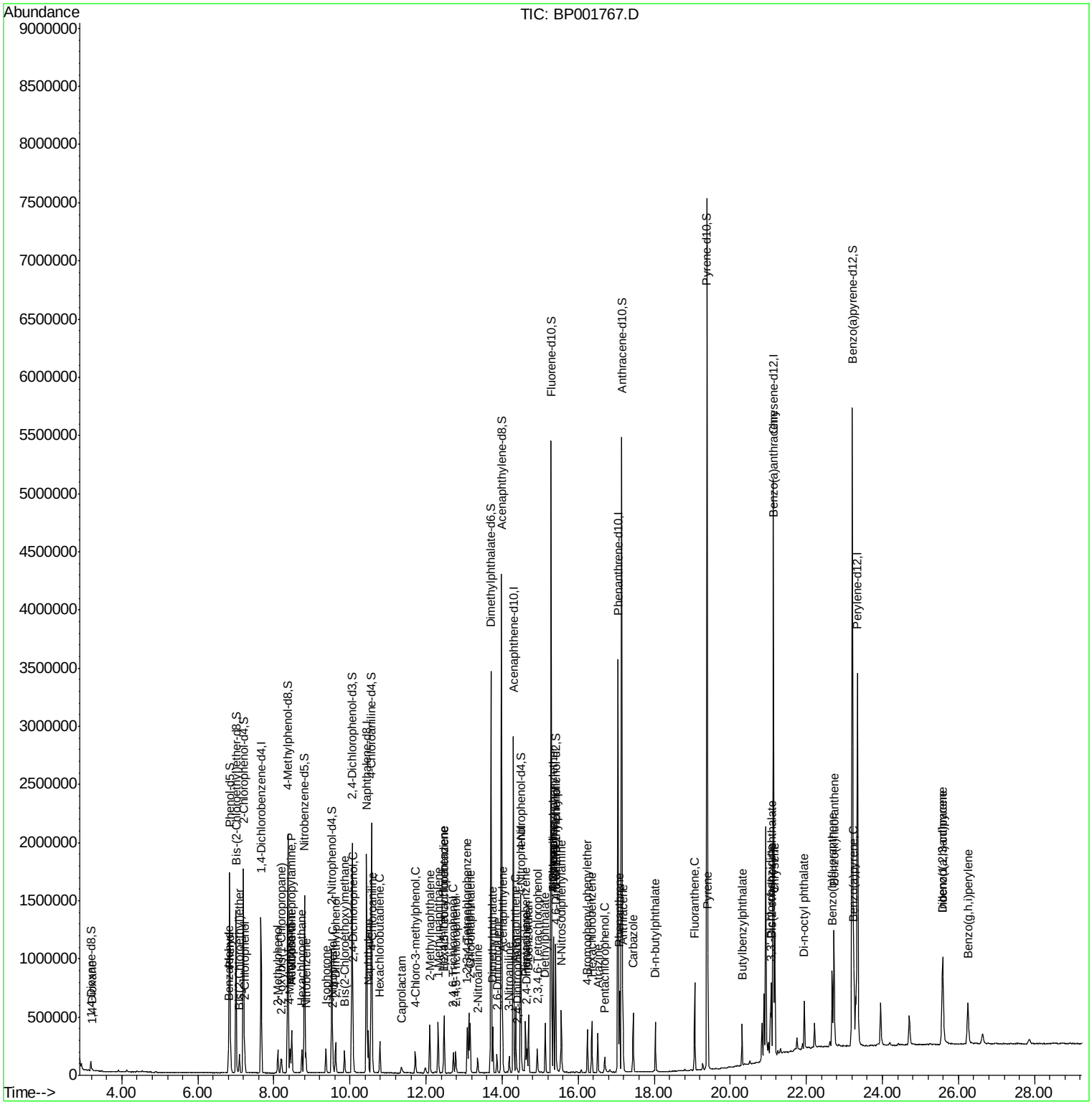
(#) = qualifier out of range (m) = manual integration (+) = signals summed

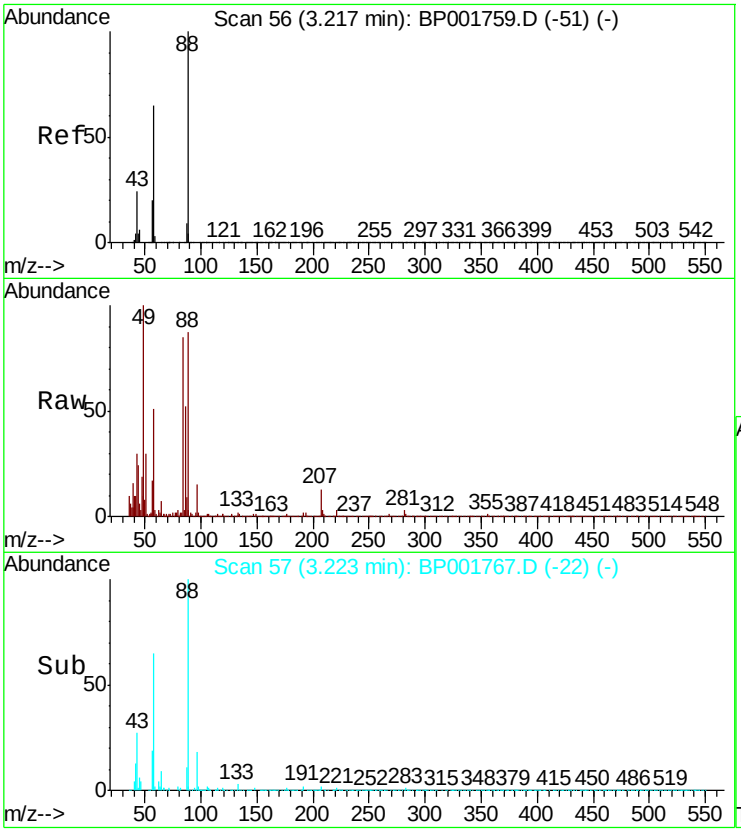
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021820\
Data File : BP001767.D
Acq On : 18 Feb 2020 19:29
Operator : CG/JU
Sample : K5695-03
Misc : MDL-SOIL-03
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Feb 19 02:44:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 02:37:06 2020
Response via : Initial Calibration



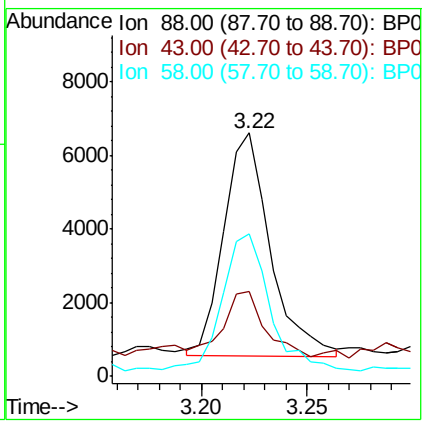


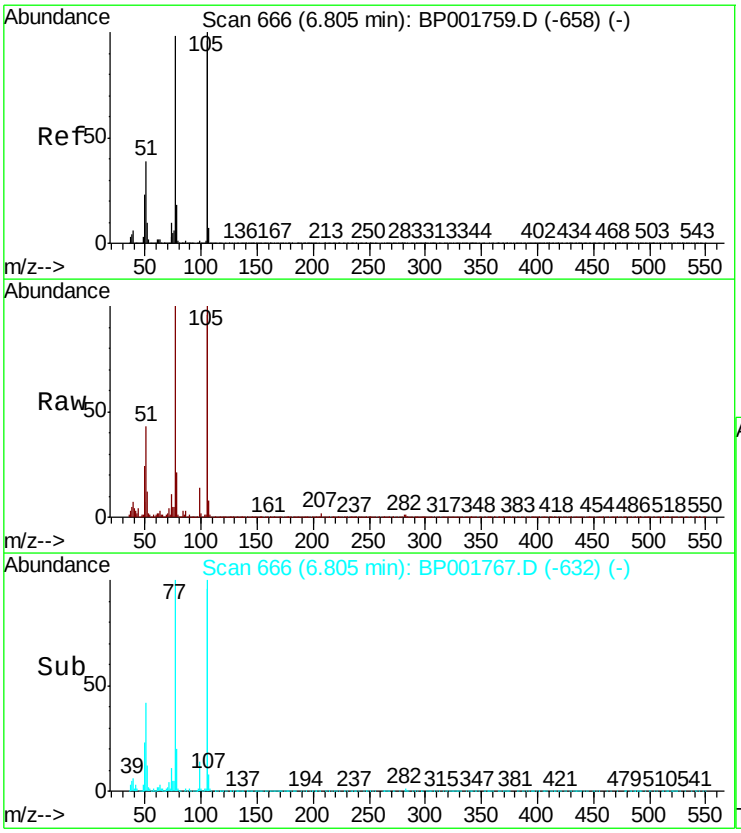
#2
1,4-Dioxane
Concen: 0.938 ng/uL
RT: 3.22 min Scan# 57
Delta R.T. 0.01 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 88 Resp: 9258

Ion	Ratio	Lower	Upper
88	100		
43	34.9	20.6	31.0#
58	58.6	52.3	78.5

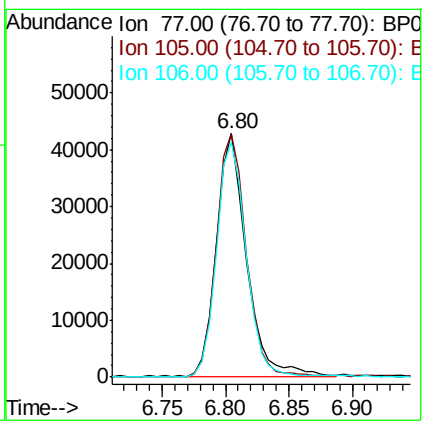


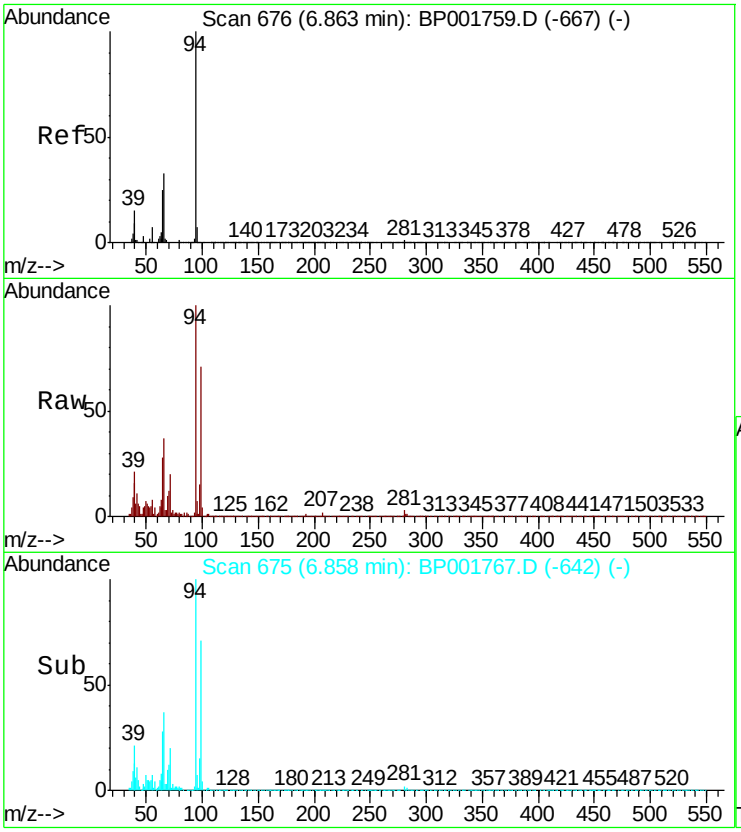


#4
Benzaldehyde
Concen: 3.985 ng/ul
RT: 6.80 min Scan# 666
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion: 77 Resp: 70407

Ion	Ratio	Lower	Upper
77	100		
105	100.1	82.0	123.0
106	96.3	78.9	118.3



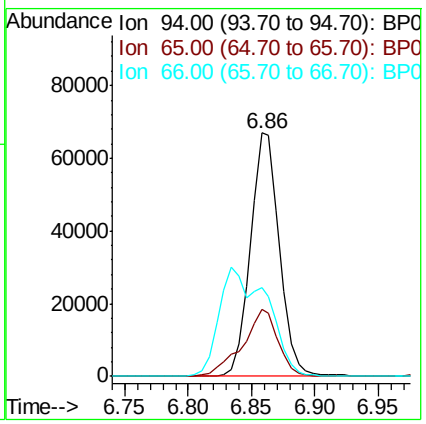


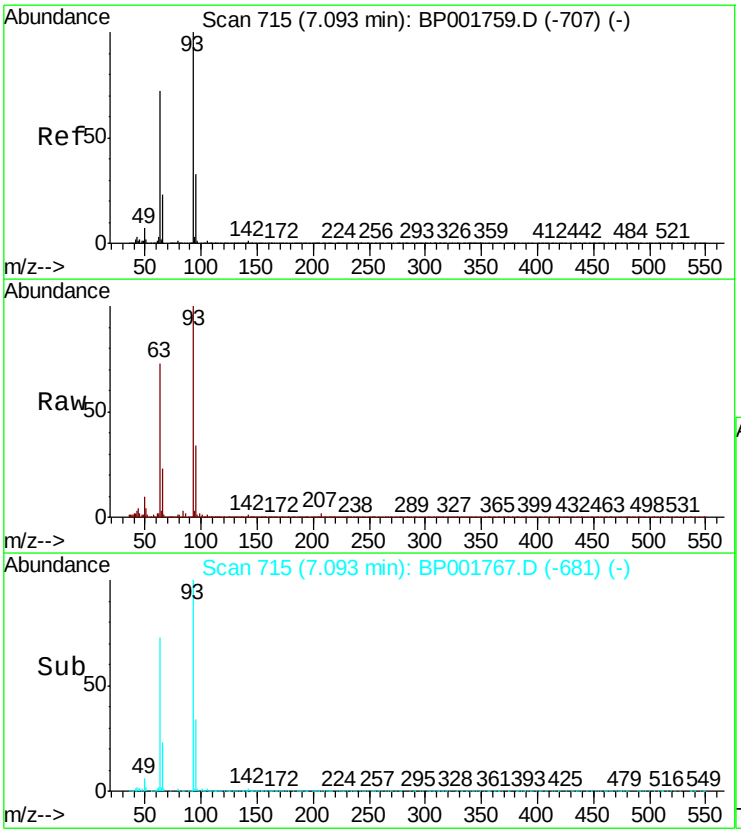
#6
Phenol
Concen: 3.494 ng/ul
RT: 6.86 min Scan# 675
Delta R.T. -0.01 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 106863

Ion	Ratio	Lower	Upper
94	100		
65	27.7	19.8	29.6
66	36.6	26.6	39.8

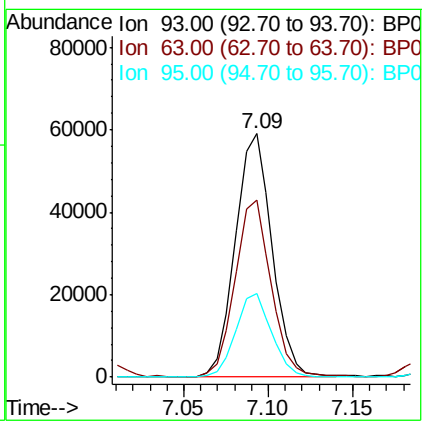


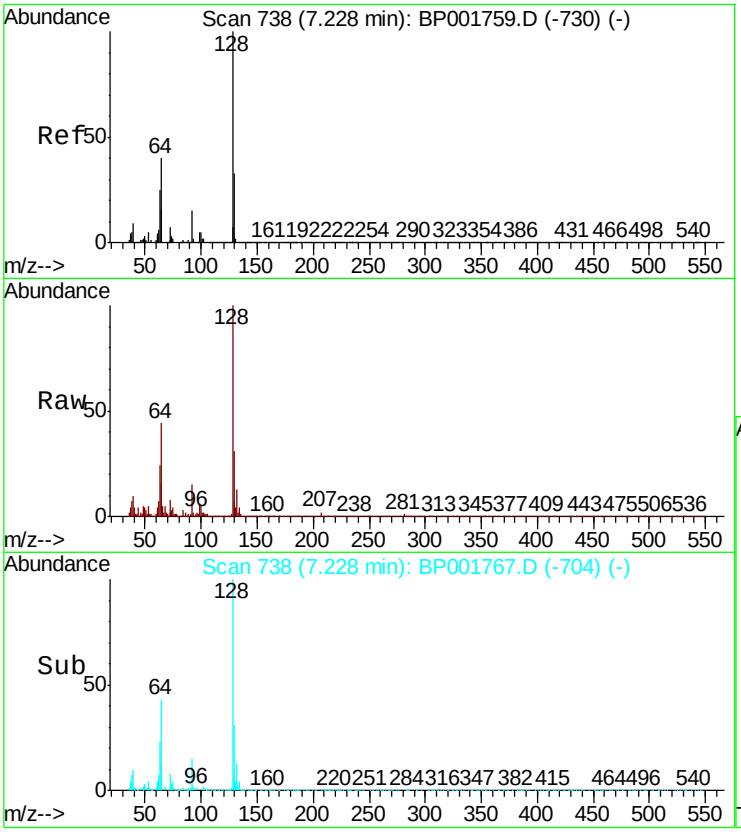


#8
Bis(2-Chloroethyl)ether
Concen: 3.627 ng/ul
RT: 7.09 min Scan# 715
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion: 93 Resp: 89471

Ion	Ratio	Lower	Upper
93	100		
63	72.9	57.2	85.8
95	34.2	26.8	40.2



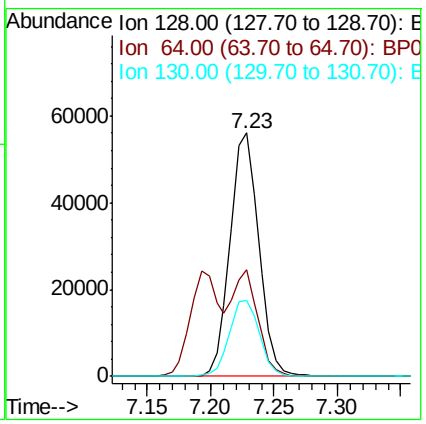


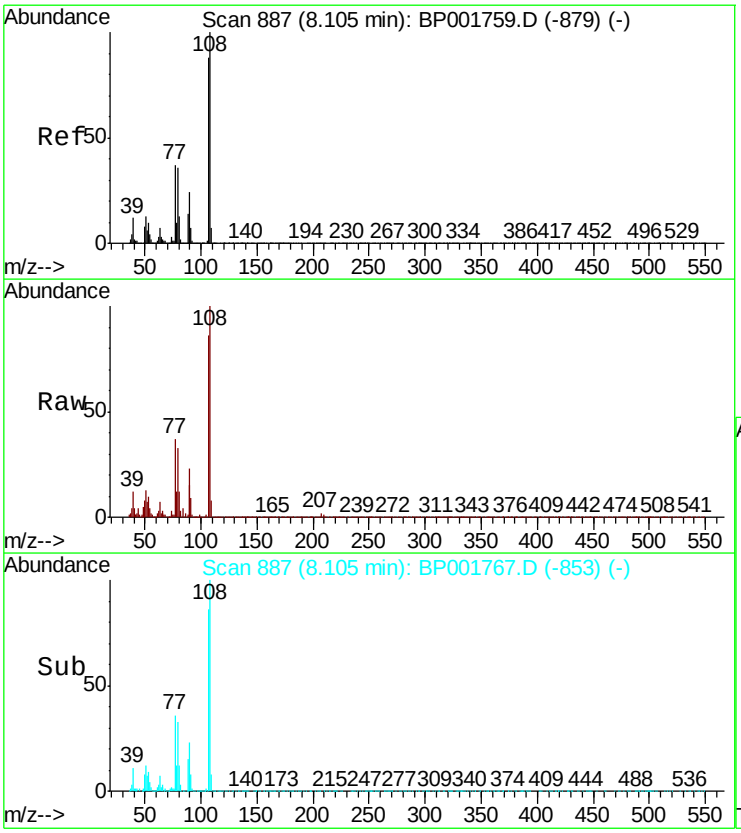
#10
2-Chlorophenol
Concen: 3.571 ng/ul
RT: 7.23 min Scan# 738
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:128 Resp: 88106

Ion	Ratio	Lower	Upper
128	100		
64	43.7	32.9	49.3
130	31.3	26.4	39.6

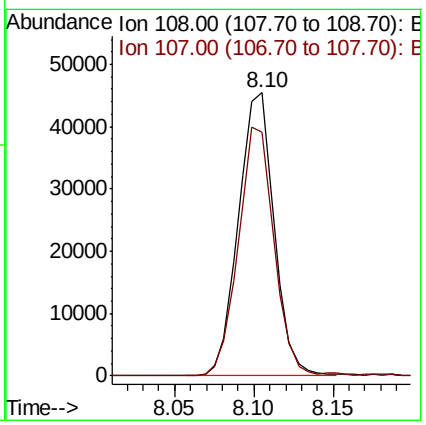


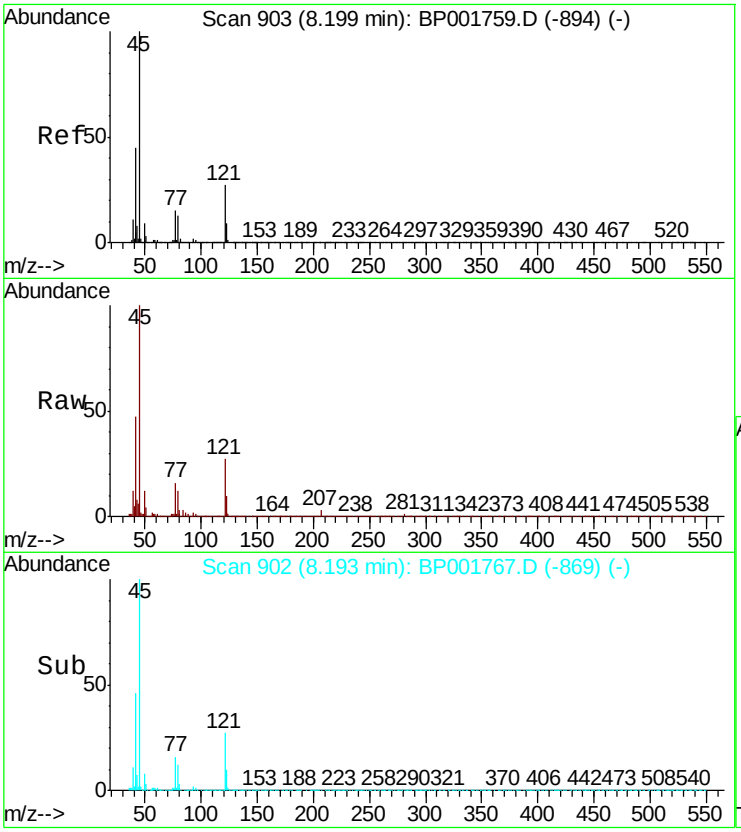


#11
2-Methylphenol
Concen: 3.068 ng/ul
RT: 8.10 min Scan# 887
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion:108 Resp: 71044

Ion	Ratio	Lower	Upper
108	100		
107	85.9	70.6	106.0



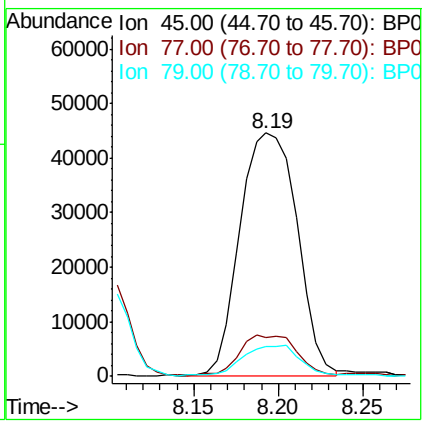


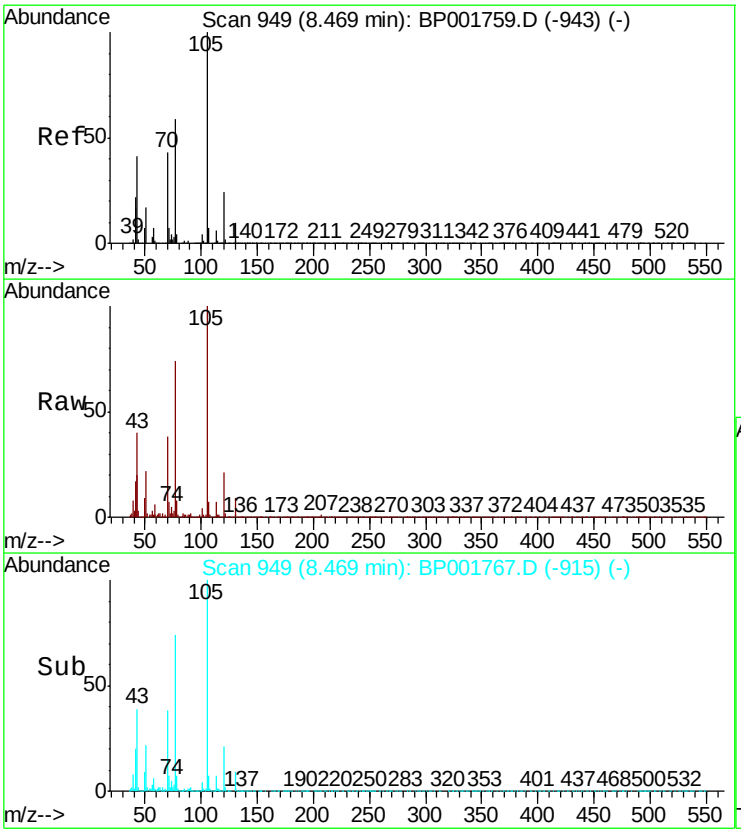
#12
2,2'-oxybis(1-Chloropropane)
Concen: 3.548 ng/ul
RT: 8.19 min Scan# 902
Delta R.T. -0.01 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 45 Resp: 104283

Ion	Ratio	Lower	Upper
45	100		
77	16.0	12.6	18.8
79	12.3	10.4	15.6

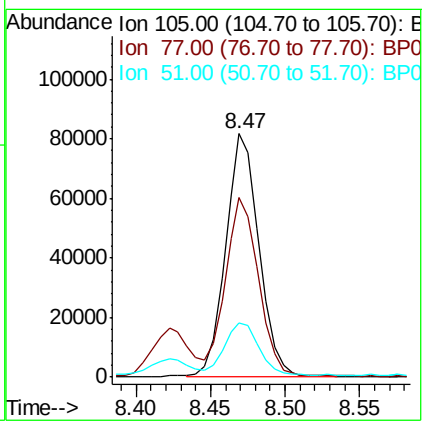


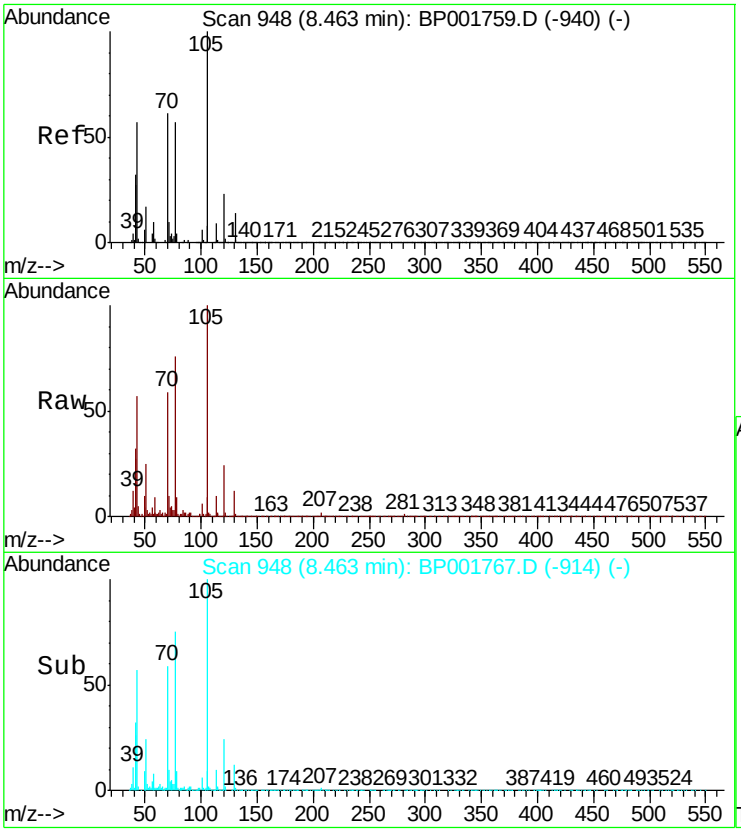


#14
Acetophenone
Concen: 3.569 ng/ul
RT: 8.47 min Scan# 949
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion:105 Resp: 126254

Ion	Ratio	Lower	Upper
105	100		
77	73.9	59.8	89.6
51	22.3	17.9	26.9



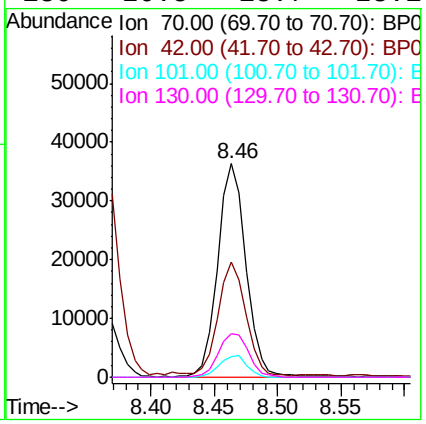


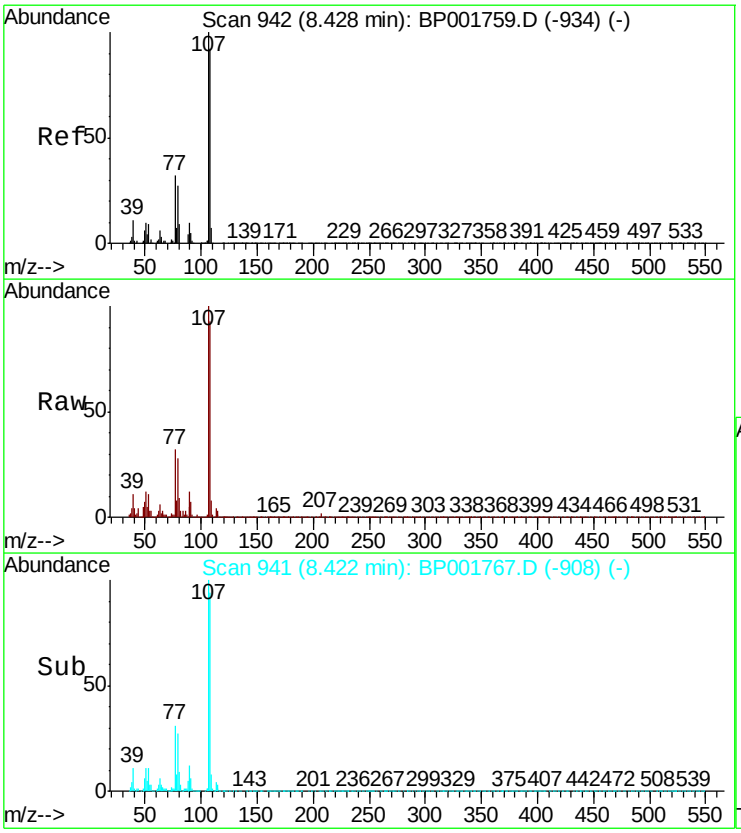
#15
N-Nitroso-di-n-propylamine
Concen: 3.408 ng/ul
RT: 8.46 min Scan# 948
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 70 Resp: 55905

Ion	Ratio	Lower	Upper
70	100		
42	54.0	41.8	62.6
101	9.8	8.0	12.0
130	20.5	18.7	28.1

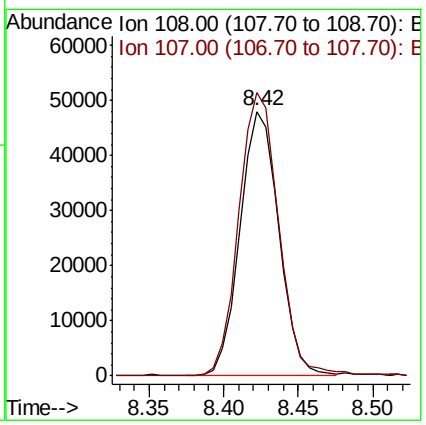


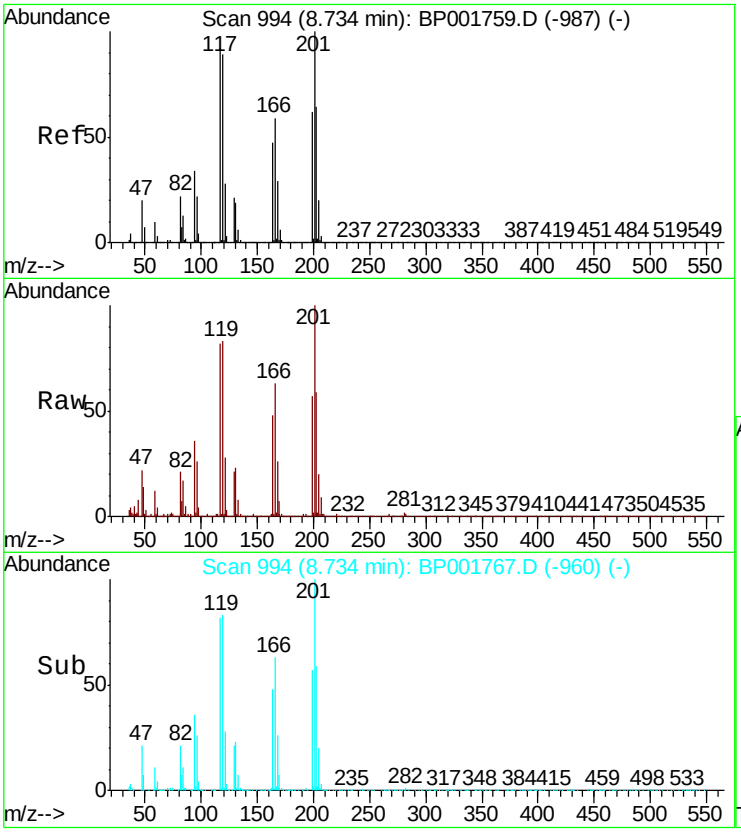


#16
4-Methylphenol
Concen: 3.446 ng/ul
RT: 8.42 min Scan# 941
Delta R.T. -0.01 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion:108 Resp: 85934

Ion	Ratio	Lower	Upper
108	100		
107	107.0	87.3	130.9



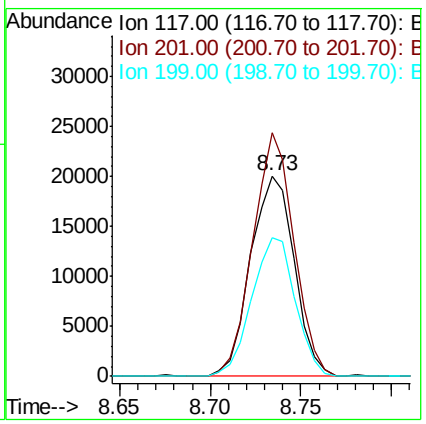


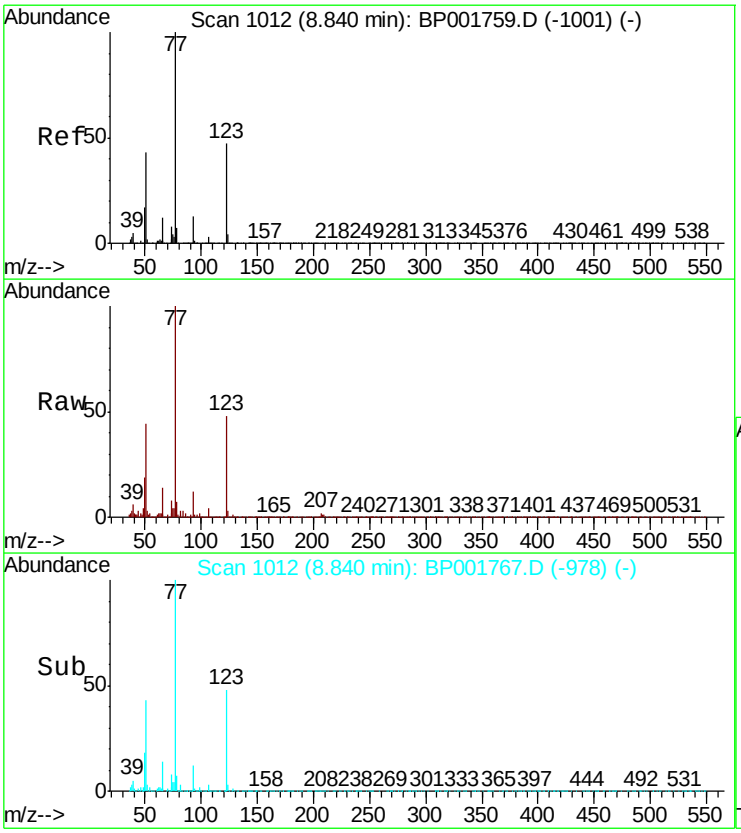
#17
Hexachloroethane
Concen: 3.416 ng/ul
RT: 8.73 min Scan# 994
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:117 Resp: 33536

Ion	Ratio	Lower	Upper
117	100		
201	121.5	87.2	130.8
199	69.1	54.4	81.6

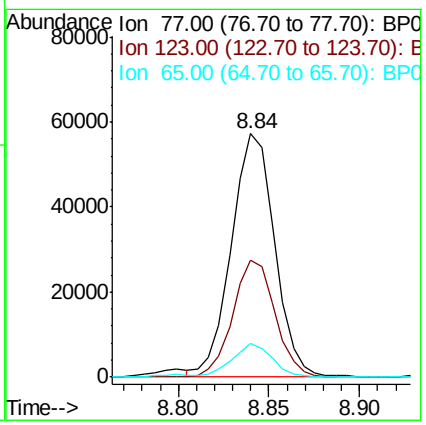


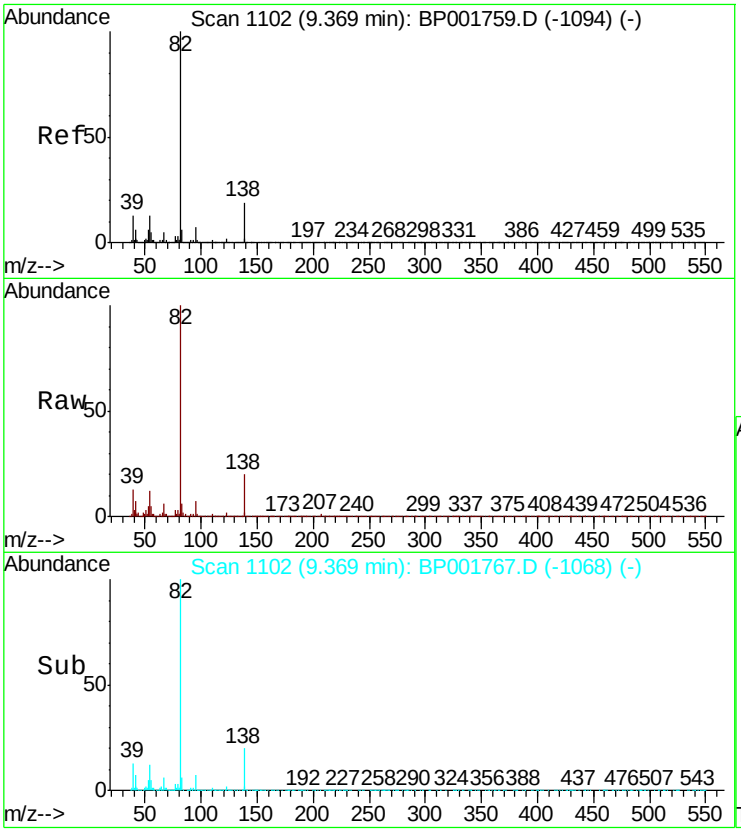


#20
Nitrobenzene
Concen: 3.613 ng/ul
RT: 8.84 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion: 77 Resp: 94798

Ion	Ratio	Lower	Upper
77	100		
123	47.9	37.2	55.8
65	13.7	9.5	14.3



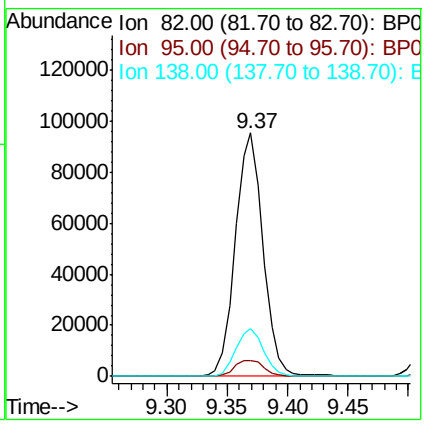


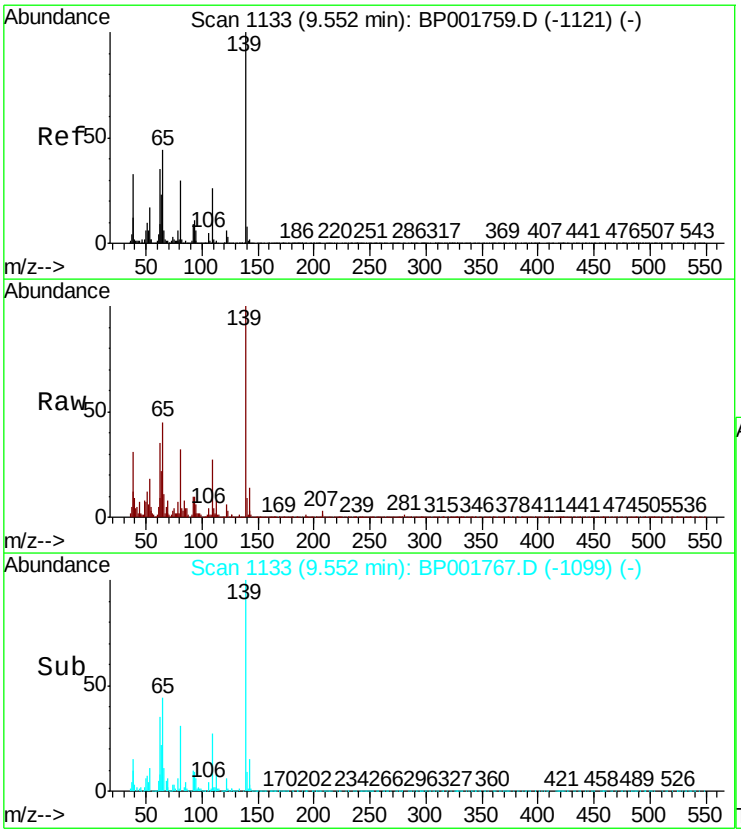
#21
Isophorone
Concen: 3.165 ng/ul
RT: 9.37 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 152660

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.6	8.4
138	19.8	15.4	23.2

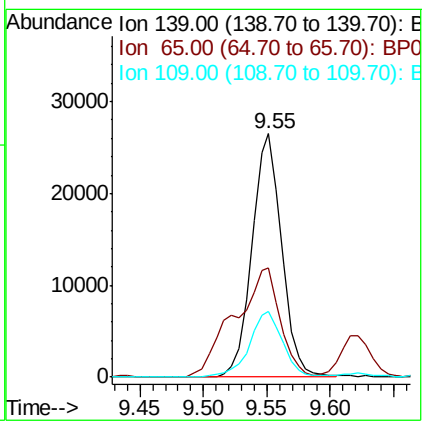


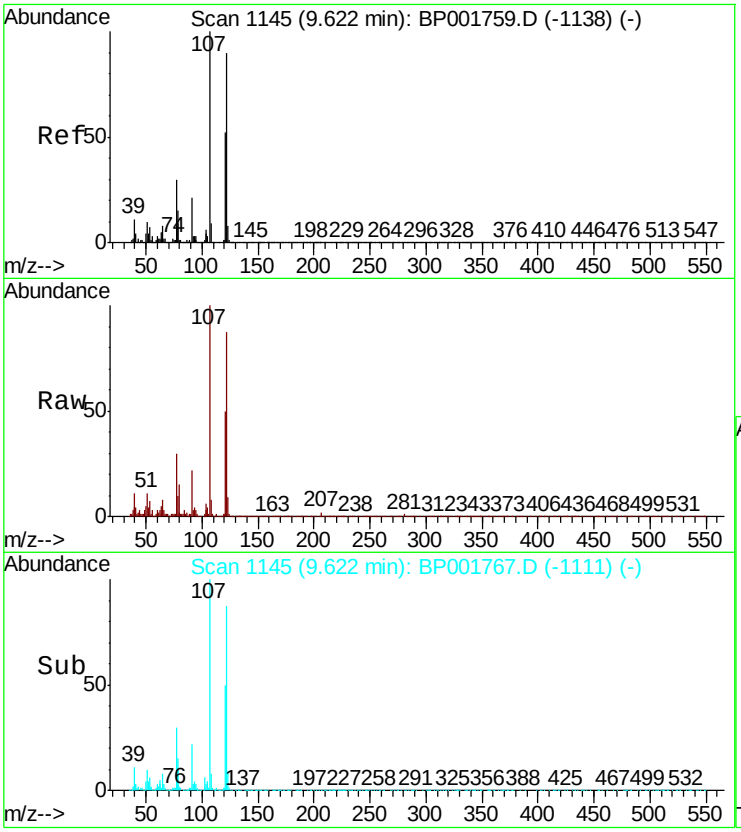


#23
2-Nitrophenol
Concen: 3.783 ng/ul
RT: 9.55 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion:139 Resp: 43394

Ion	Ratio	Lower	Upper
139	100		
65	44.8	35.0	52.6
109	26.9	20.8	31.2



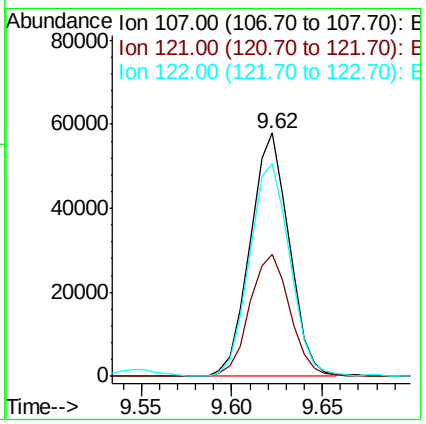


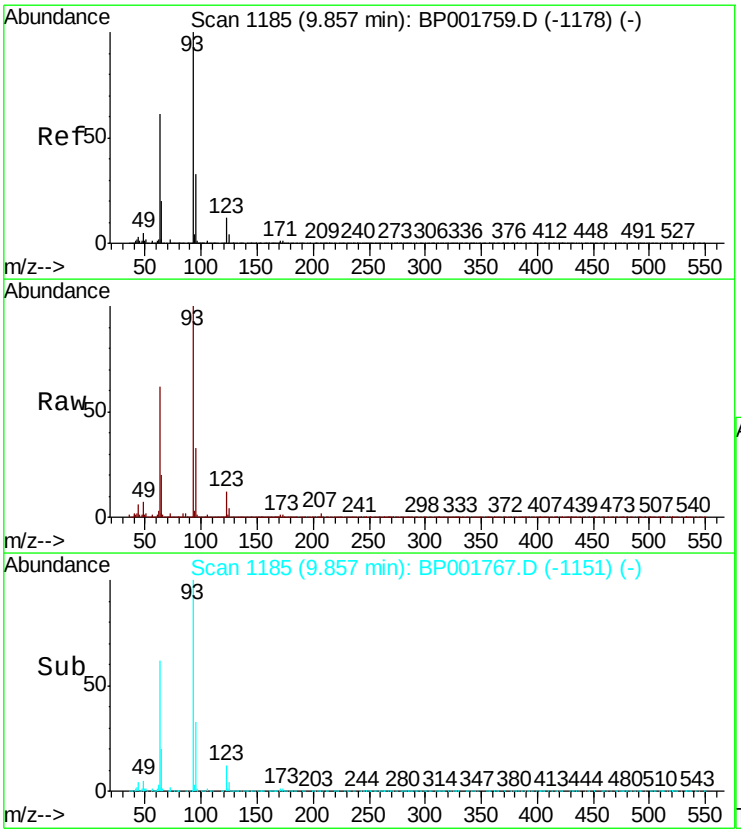
#24
2,4-Dimethylphenol
Concen: 3.358 ng/ul
RT: 9.62 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:107 Resp: 86503

Ion	Ratio	Lower	Upper
107	100		
121	50.3	41.8	62.6
122	87.3	72.4	108.6

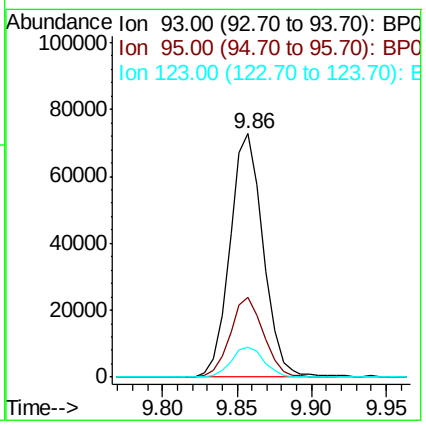


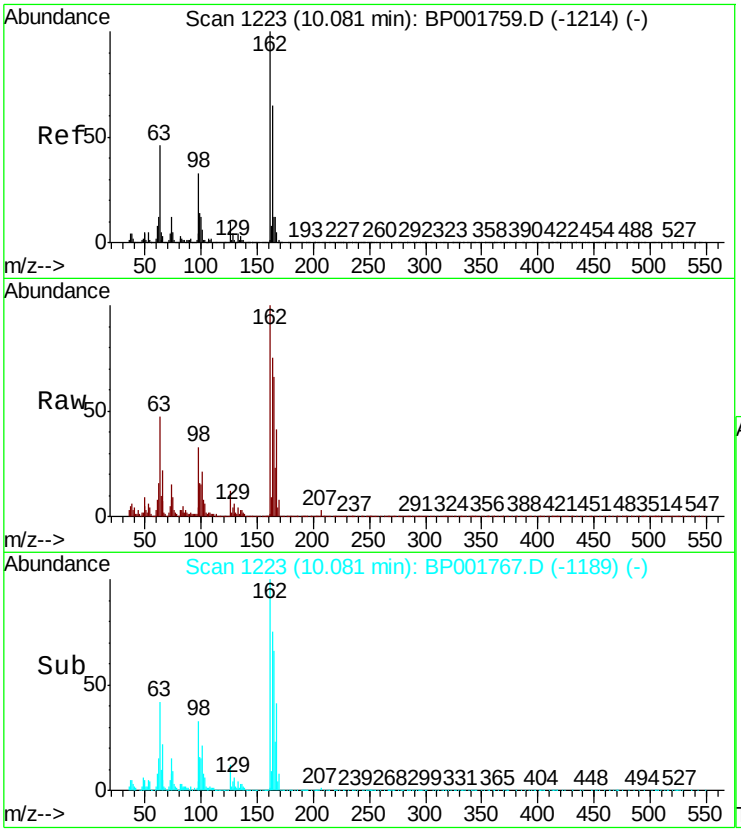


#25
Bis(2-Chloroethoxy)methane
Concen: 3.445 ng/ul
RT: 9.86 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion: 93 Resp: 112437

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.4	39.6
123	12.2	9.8	14.6



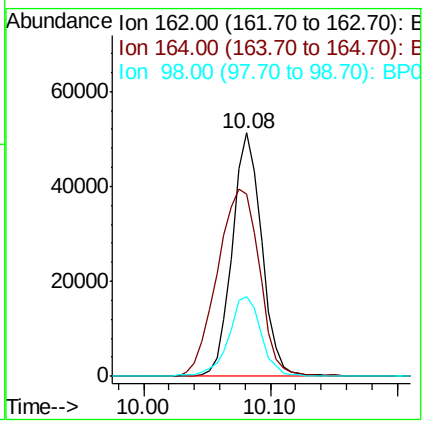


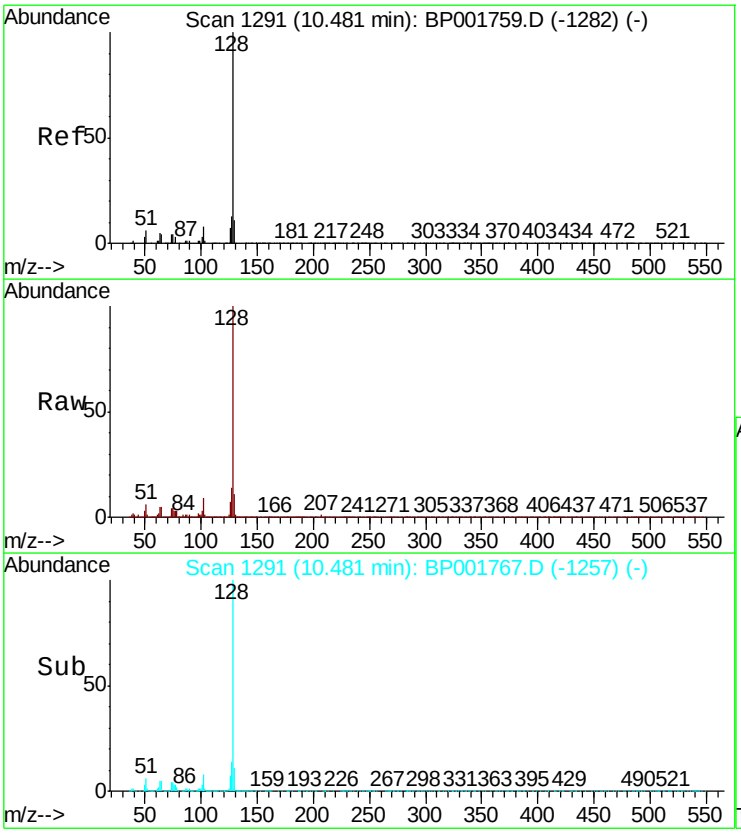
#27
2,4-Dichlorophenol
Concen: 3.524 ng/ul
RT: 10.08 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:162 Resp: 82332

Ion	Ratio	Lower	Upper
162	100		
164	75.1	52.3	78.5
98	33.0	26.6	39.8

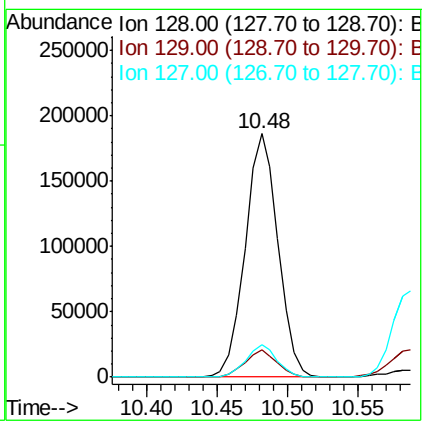


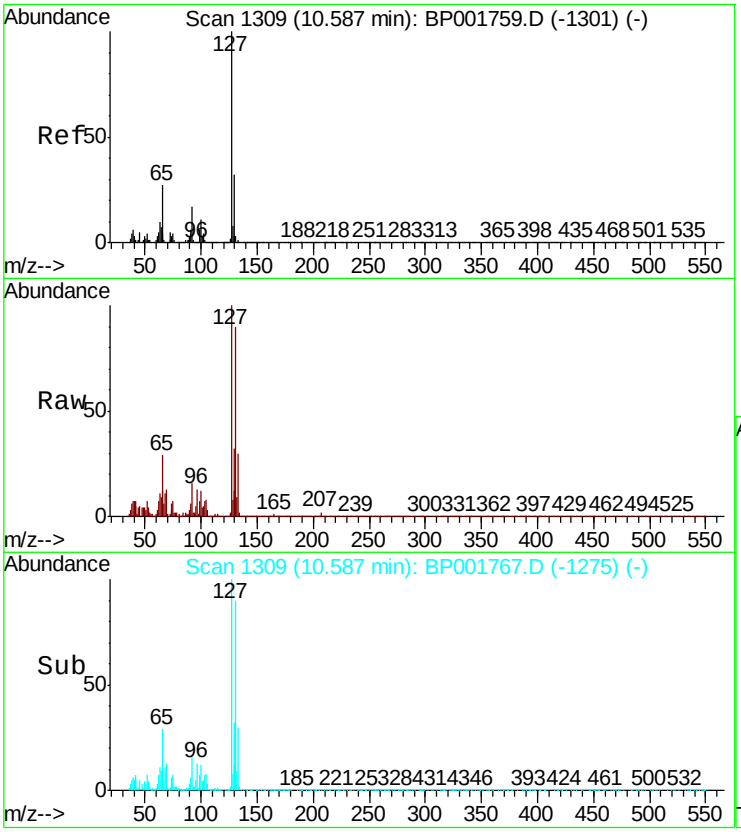


#28
Naphthalene
Concen: 3.620 ng/ul
RT: 10.48 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion:128 Resp: 302512

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.6	10.2	15.4



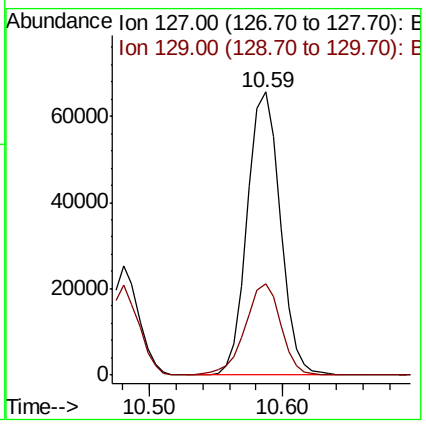


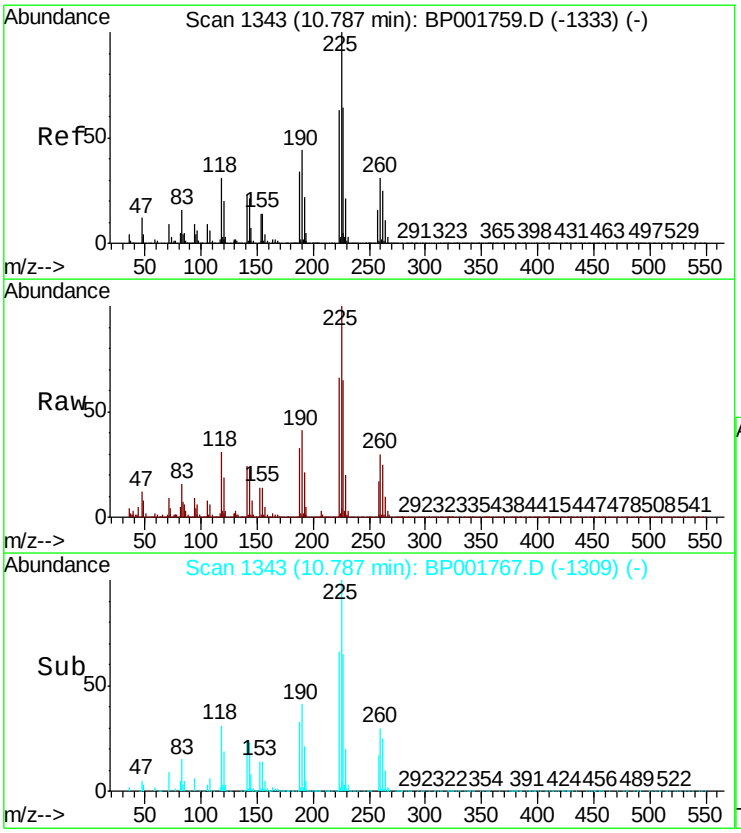
#30
4-Chloroaniline
Concen: 4.116 ng/ul
RT: 10.59 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:127 Resp: 112001

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.6

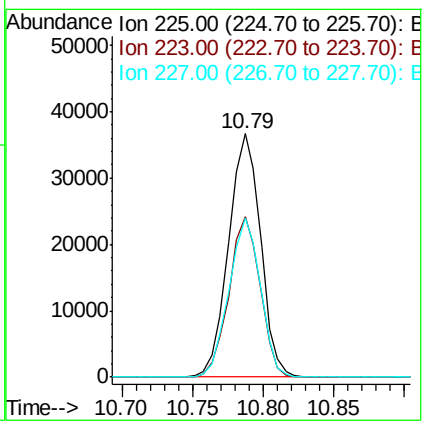


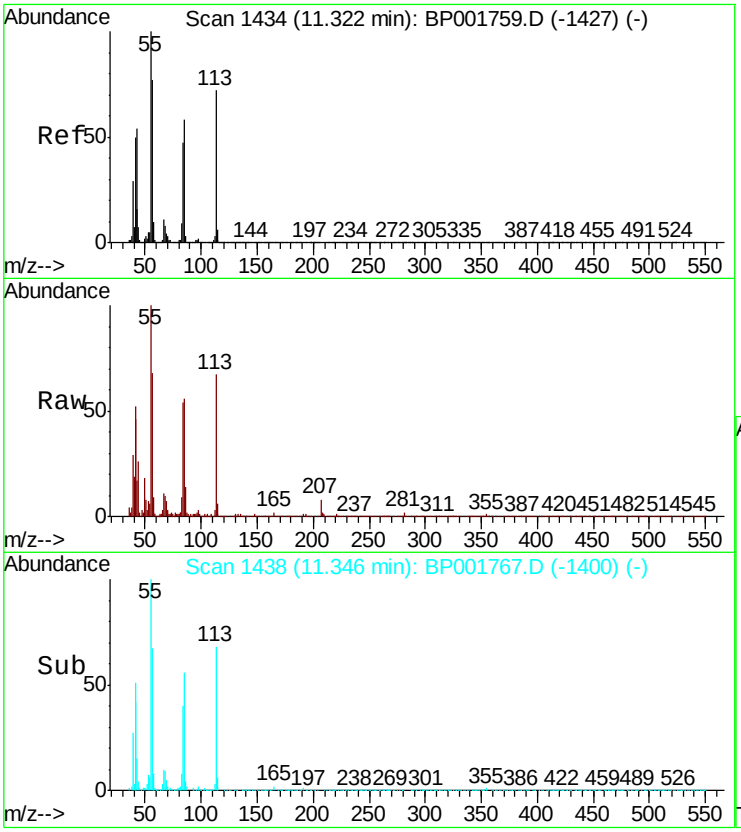


#31
Hexachlorobutadiene
Concen: 3.501 ng/ul
RT: 10.79 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion:225 Resp: 57833

Ion	Ratio	Lower	Upper
225	100		
223	65.7	50.7	76.1
227	65.3	51.3	76.9



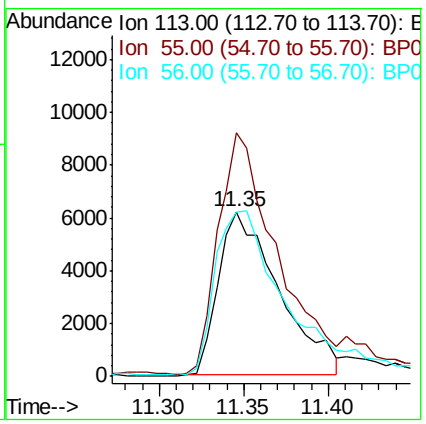


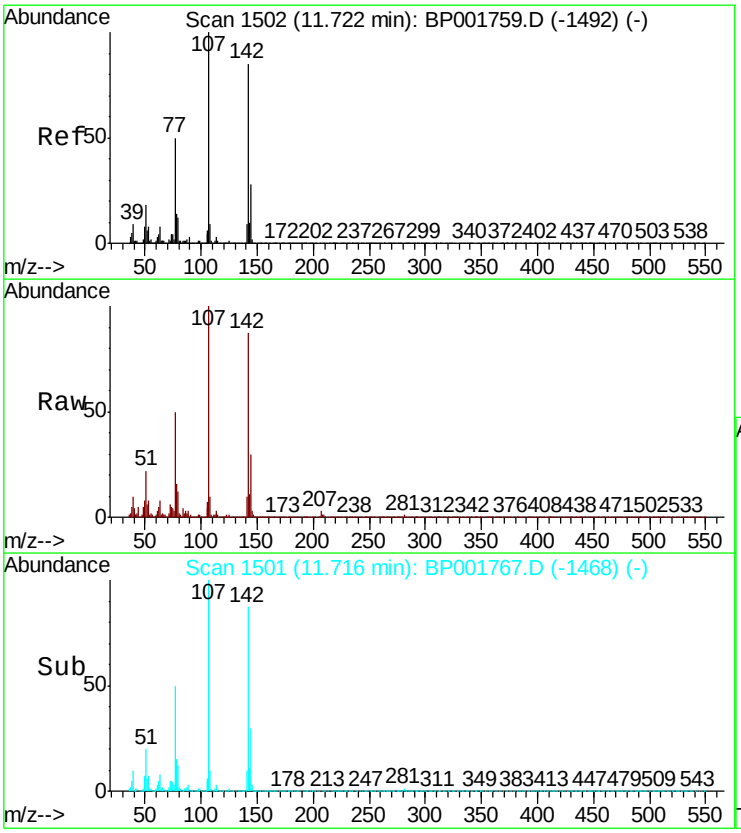
#32
Caprolactam
Concen: 2.196 ng/ul
RT: 11.35 min Scan# 1438
Delta R.T. 0.02 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:113 Resp: 15499

Ion	Ratio	Lower	Upper
113	100		
55	148.2	111.0	166.6
56	100.2	86.2	129.2

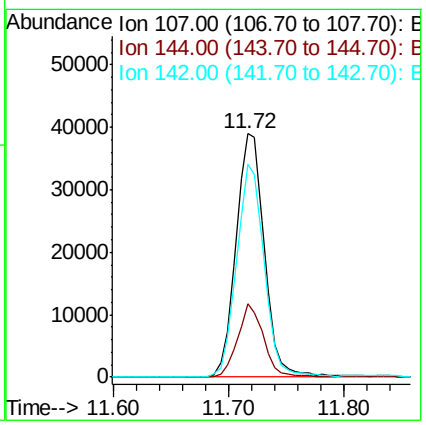


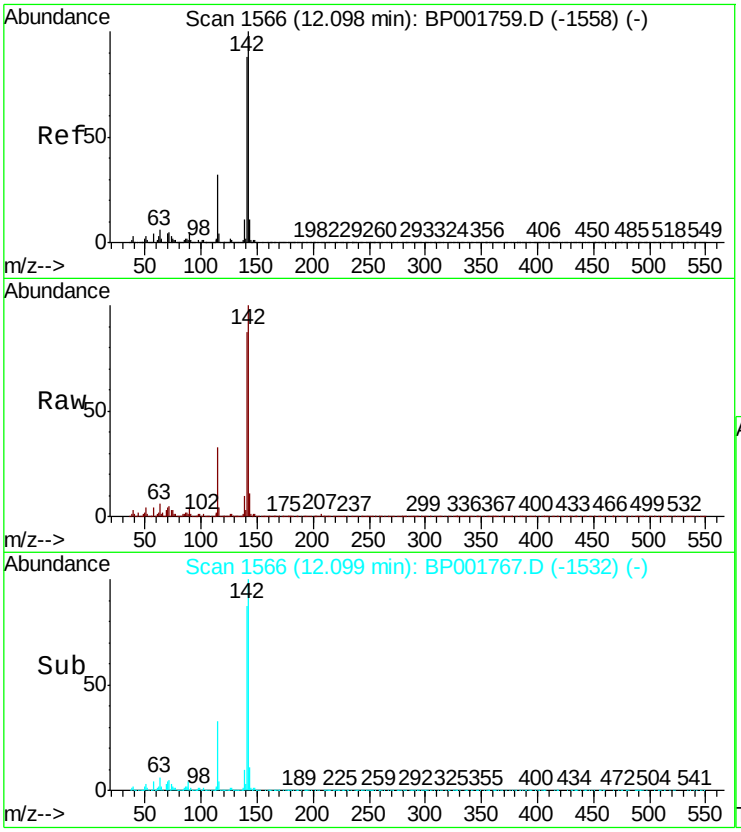


#33
4-Chloro-3-methylphenol
Concen: 2.980 ng/ul
RT: 11.72 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion:107 Resp: 66298

Ion	Ratio	Lower	Upper
107	100		
144	30.3	22.3	33.5
142	87.3	68.2	102.4



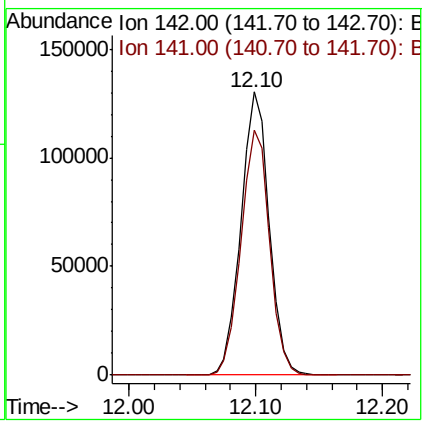


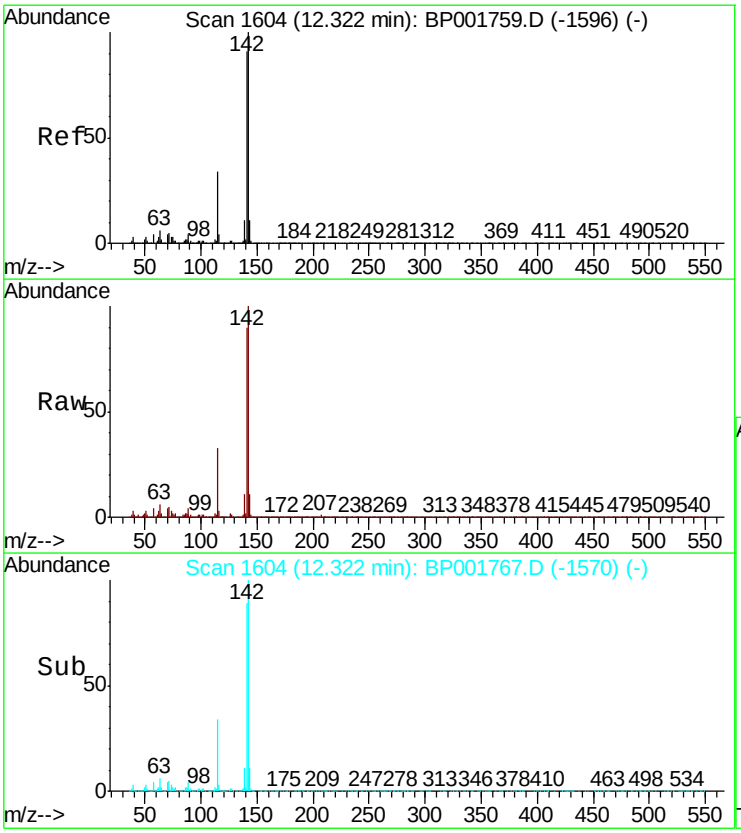
#34
2-Methylnaphthalene
Concen: 3.493 ng/ul
RT: 12.10 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:142 Resp: 201224

Ion	Ratio	Lower	Upper
142	100		
141	86.6	70.2	105.4

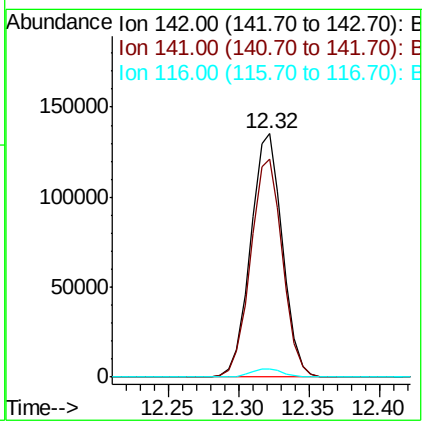


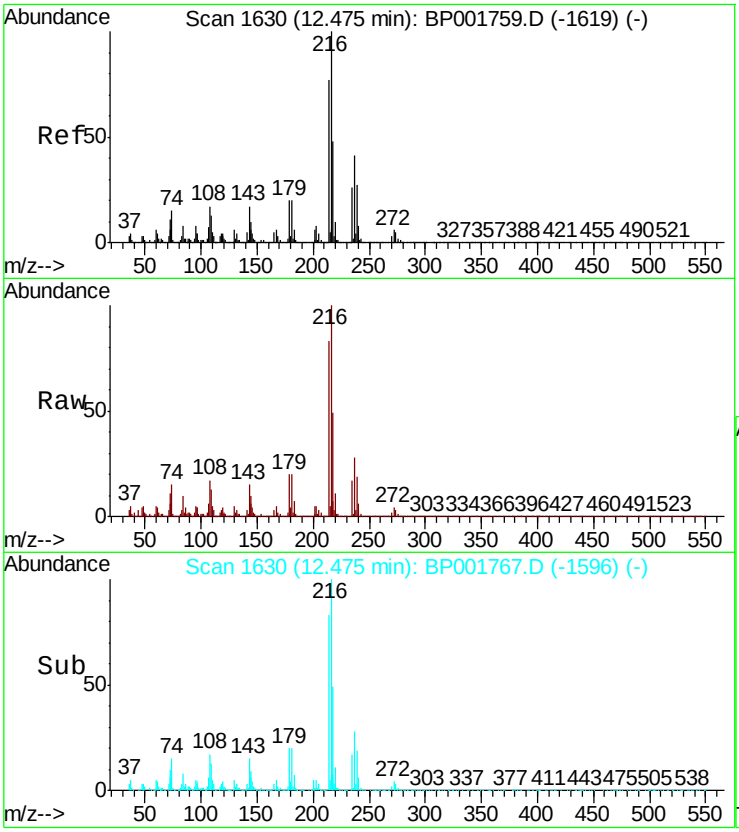


#35
1-Methylnaphthalene
Concen: 3.769 ng/ul
RT: 12.32 min Scan# 1604
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion:142 Resp: 213962

Ion	Ratio	Lower	Upper
142	100		
141	89.5	73.2	109.8
116	3.3	2.9	4.3



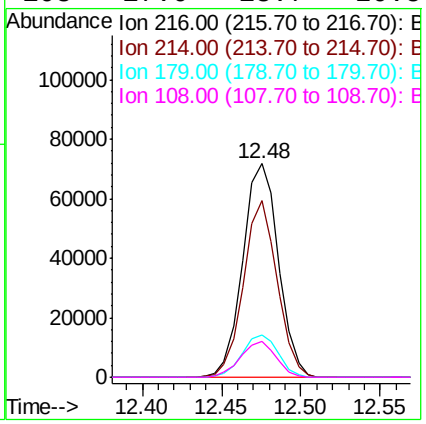


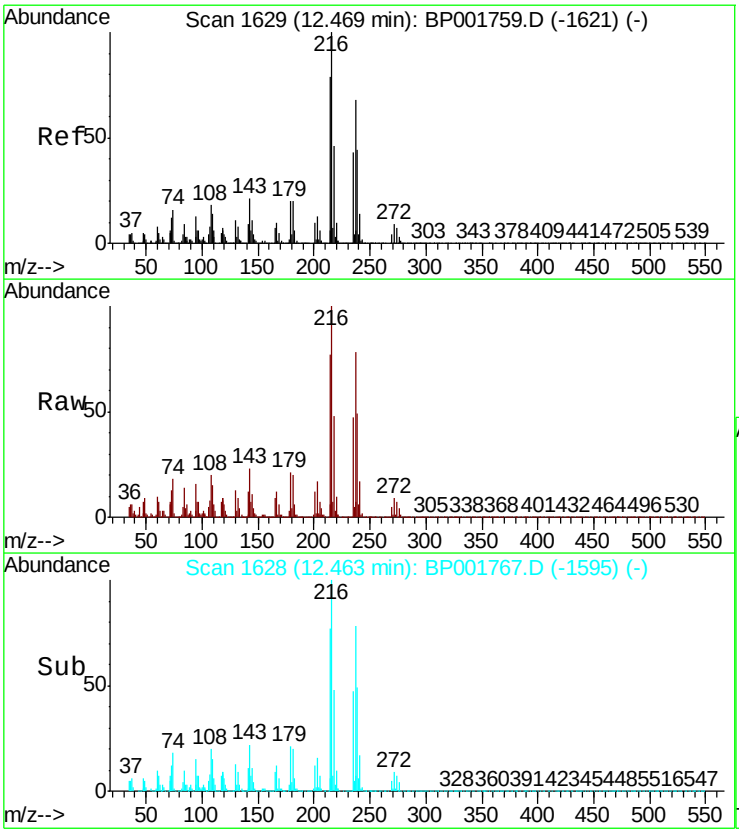
#37
1,2,4,5-Tetrachlorobenzene
Concen: 3.553 ng/ul
RT: 12.48 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:216 Resp: 112203

Ion	Ratio	Lower	Upper
216	100		
214	82.8	61.8	92.8
179	19.7	16.2	24.2
108	17.0	13.7	20.5

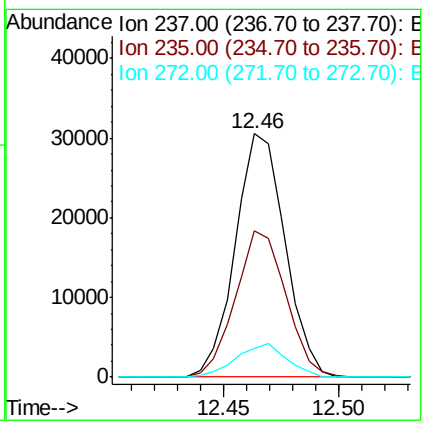


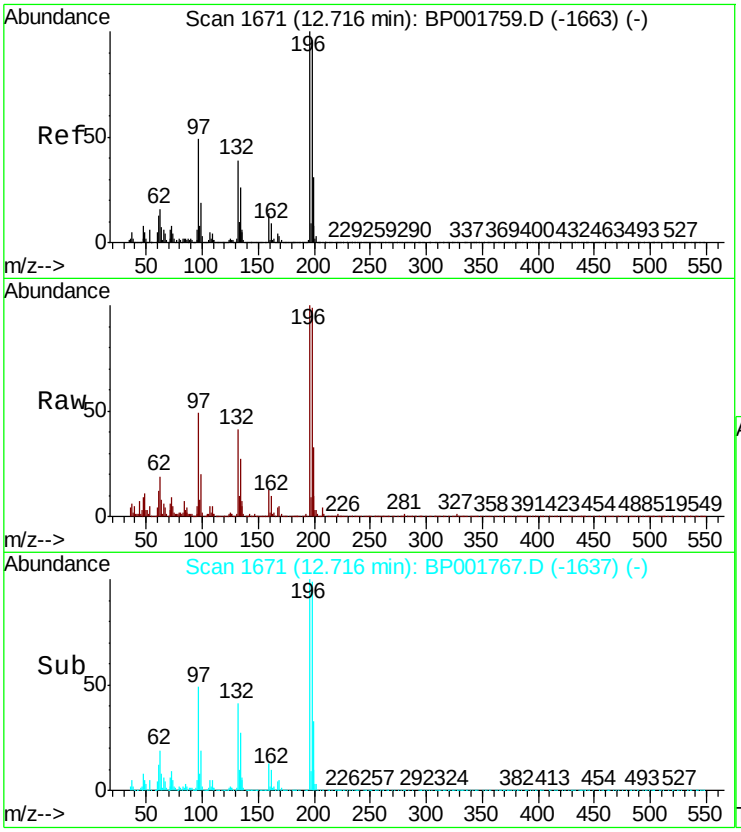


#38
Hexachlorocyclopentadiene
Concen: 2.687 ng/ul
RT: 12.46 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion:237 Resp: 45836

Ion	Ratio	Lower	Upper
237	100		
235	60.1	50.2	75.4
272	11.9	10.7	16.1



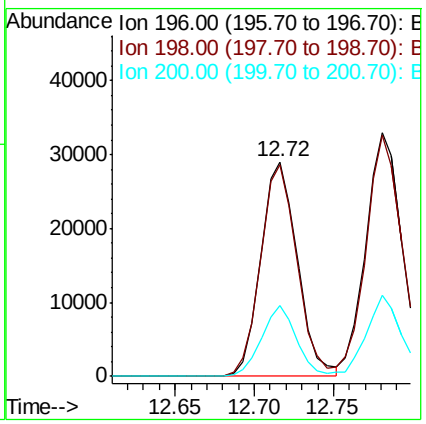


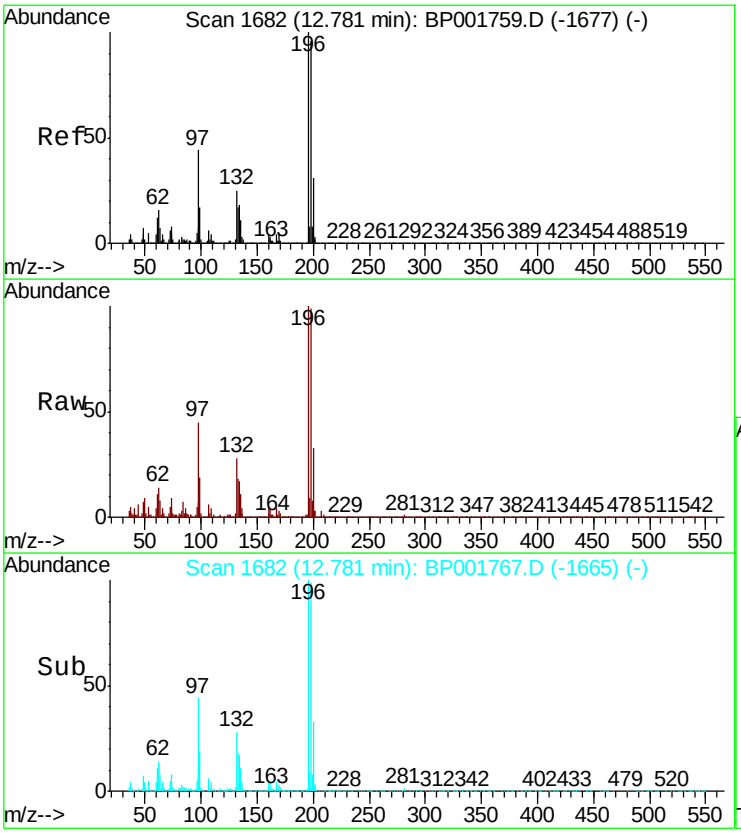
#39
2,4,6-Trichlorophenol
Concen: 2.762 ng/ul
RT: 12.72 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:196 Resp: 46616

Ion	Ratio	Lower	Upper
196	100		
198	99.1	76.6	115.0
200	32.9	24.6	37.0

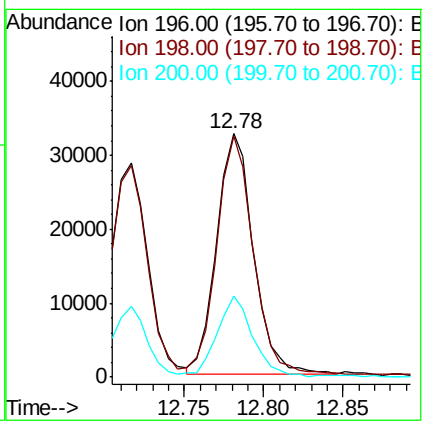


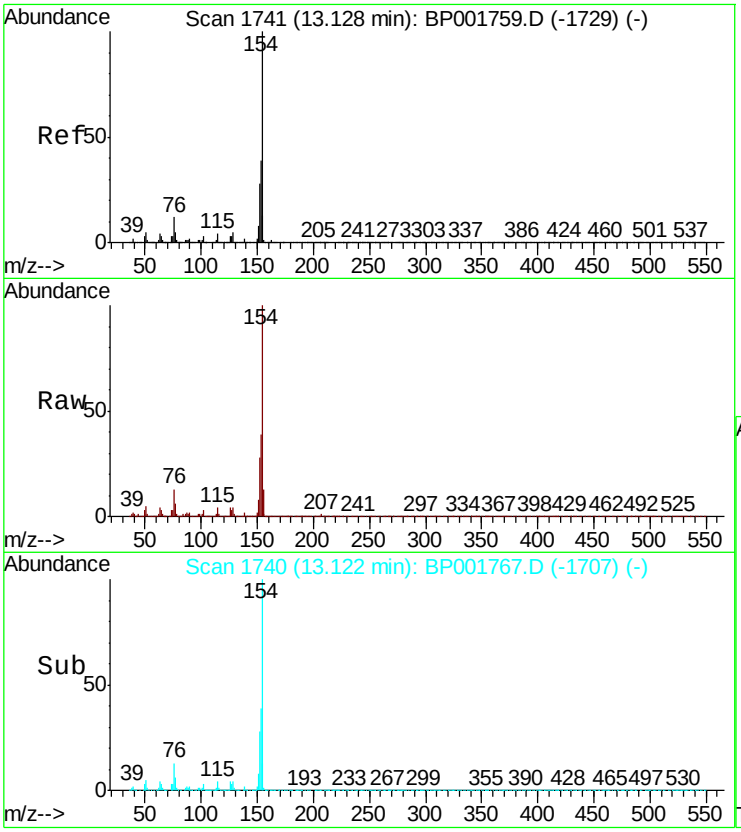


#40
2,4,5-Trichlorophenol
Concen: 2.800 ng/ul
RT: 12.78 min Scan# 1682
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion:196 Resp: 52031

Ion	Ratio	Lower	Upper
196	100		
198	99.2	77.2	115.8
200	33.4	24.7	37.1



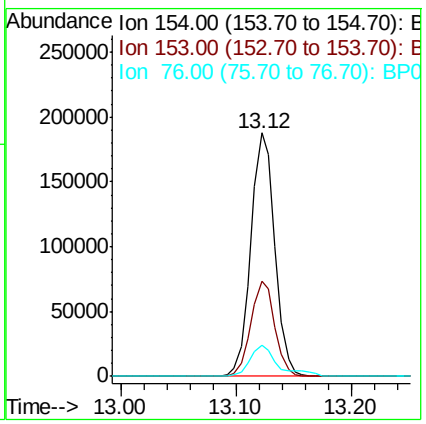


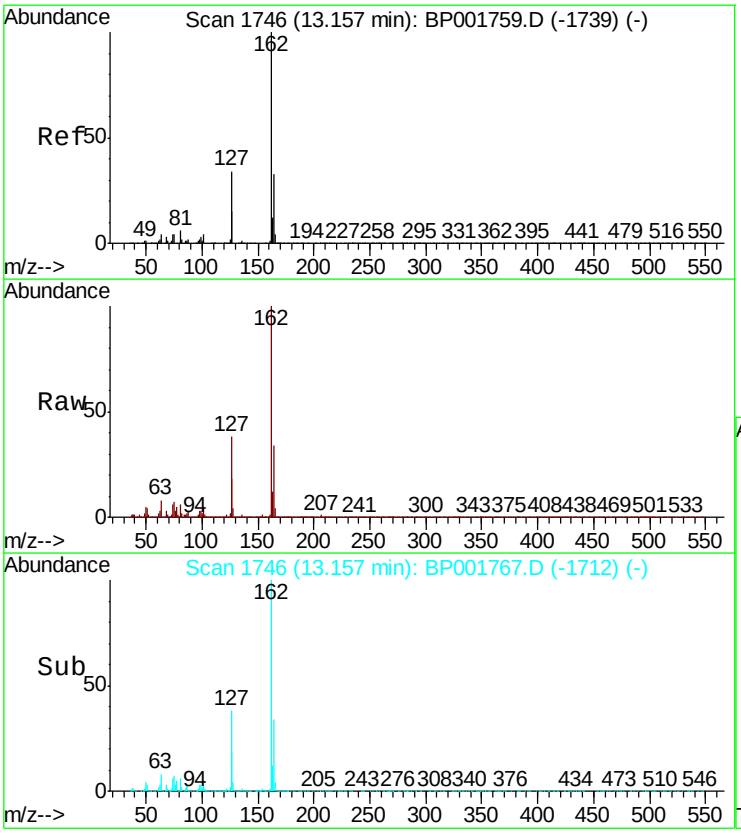
#41
1,1'-Biphenyl
Concen: 3.584 ng/ul
RT: 13.12 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:154 Resp: 270862

Ion	Ratio	Lower	Upper
154	100		
153	39.3	31.5	47.3
76	12.8	9.4	14.2

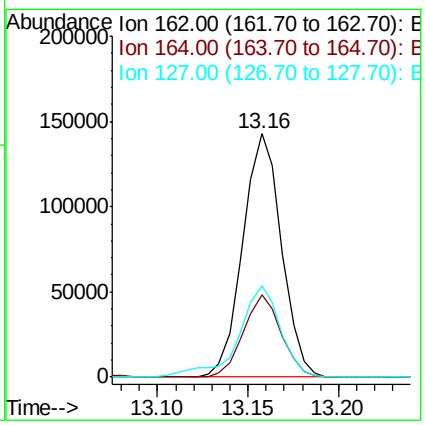


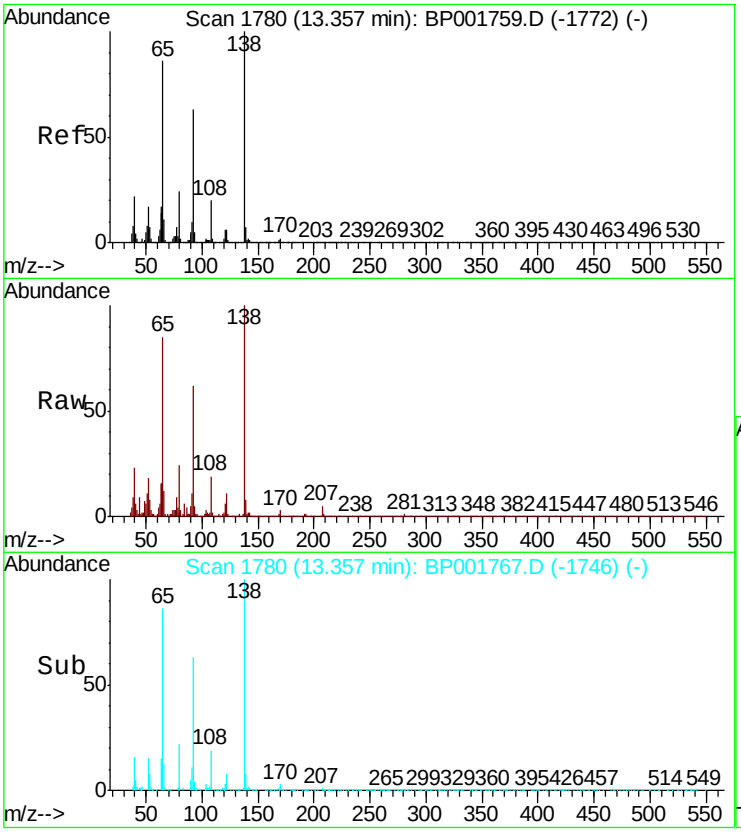


#42
2-Chloronaphthalene
Concen: 3.541 ng/ul
RT: 13.16 min Scan# 1746
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion:162 Resp: 211316

Ion	Ratio	Lower	Upper
162	100		
164	33.9	26.4	39.6
127	37.5	29.7	44.5



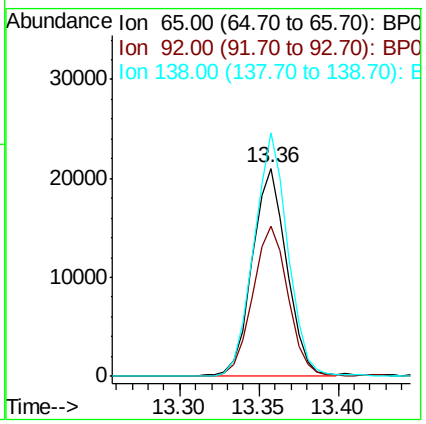


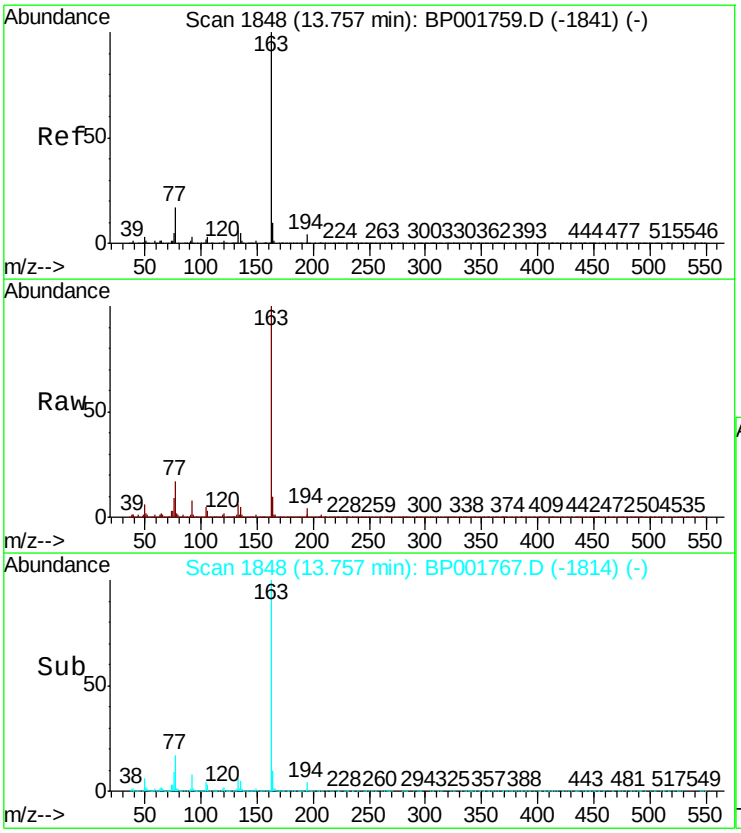
#43
2-Nitroaniline
Concen: 2.647 ng/ul
RT: 13.36 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 65 Resp: 31713

Ion	Ratio	Lower	Upper
65	100		
92	72.4	59.1	88.7
138	117.2	93.4	140.0

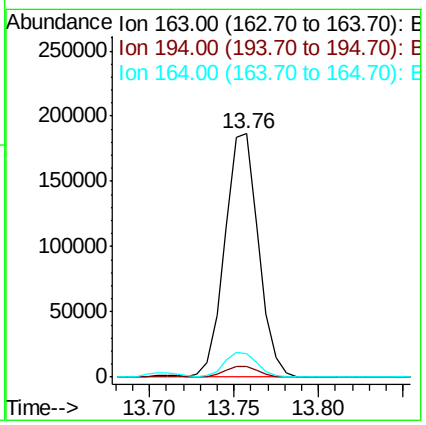


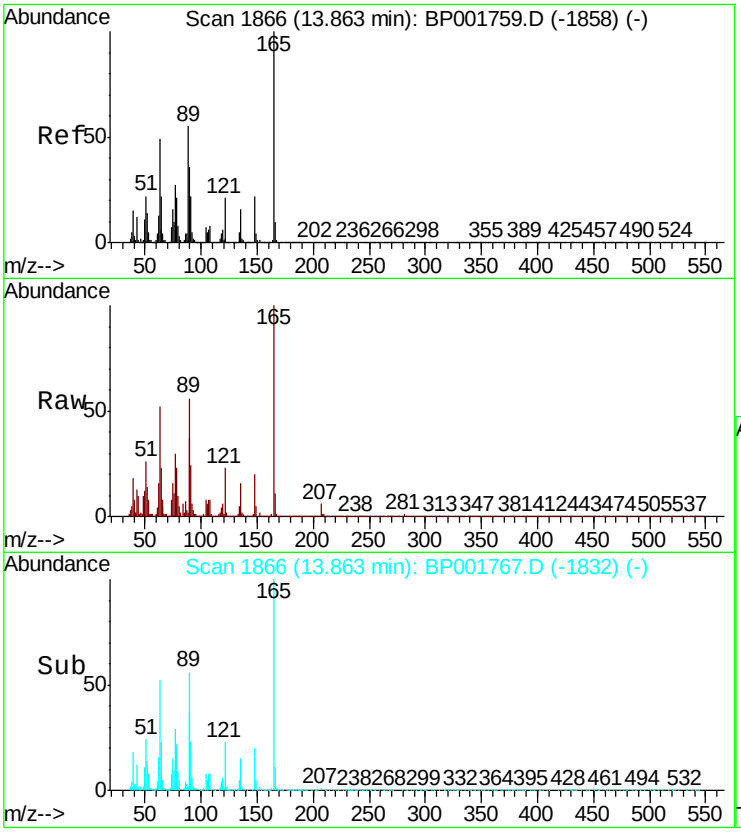


#45
Dimethylphthalate
Concen: 3.586 ng/ul
RT: 13.76 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion:163 Resp: 256813

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	9.8	8.0	12.0



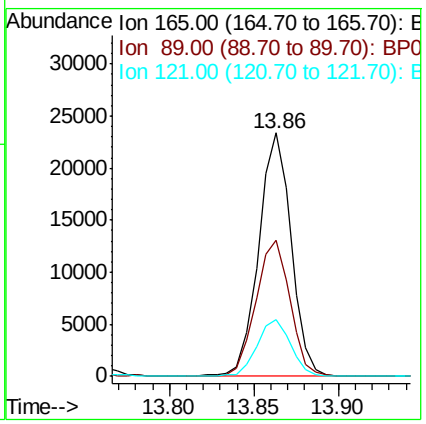


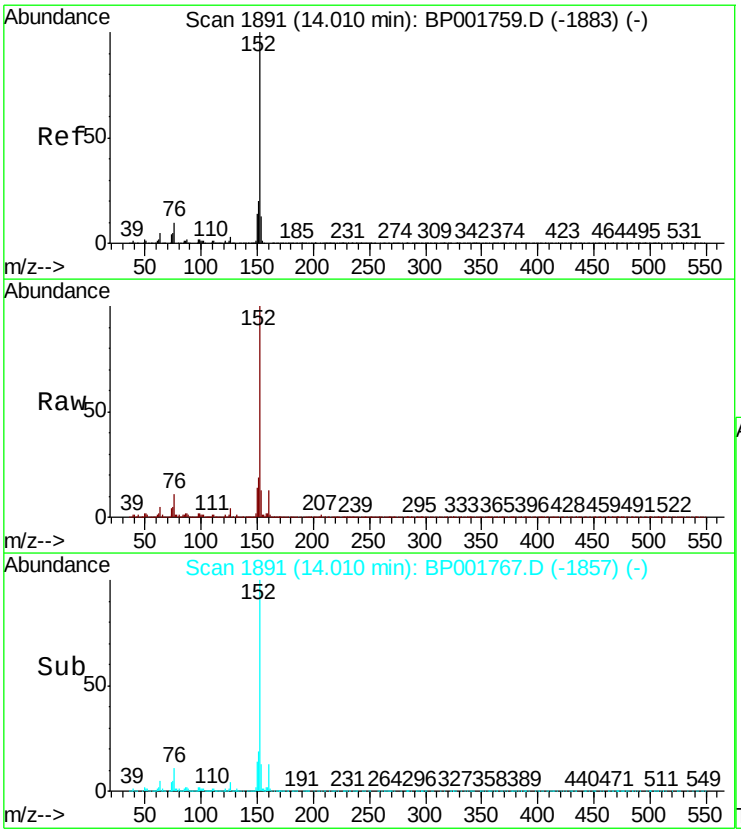
#46
2,6-Dinitrotoluene
Concen: 2.505 ng/ul
RT: 13.86 min Scan# 1866
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:165 Resp: 31260

Ion	Ratio	Lower	Upper
165	100		
89	55.9	43.9	65.9
121	23.1	16.7	25.1

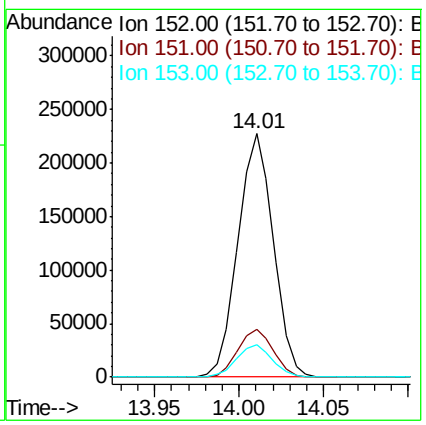


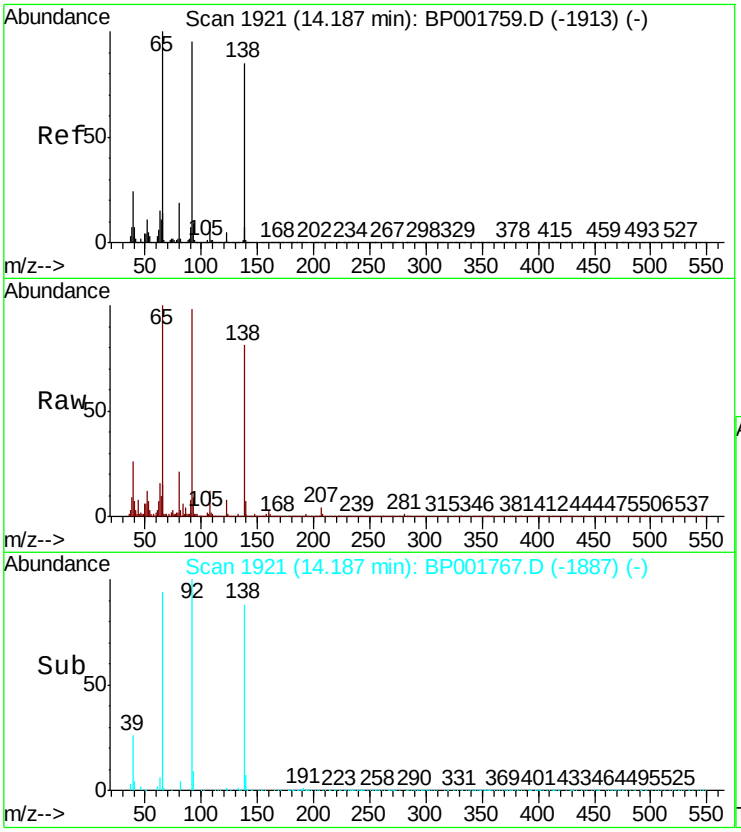


#48
Acenaphthylene
Concen: 3.643 ng/ul
RT: 14.01 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion:152 Resp: 331101

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.2	10.7	16.1



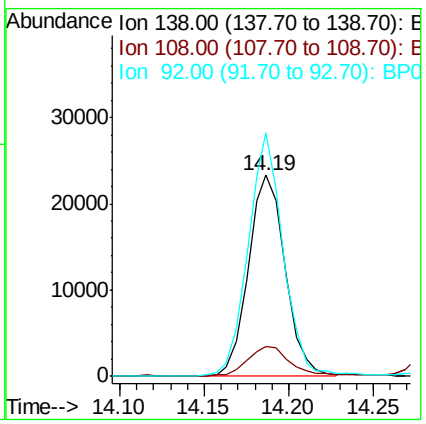


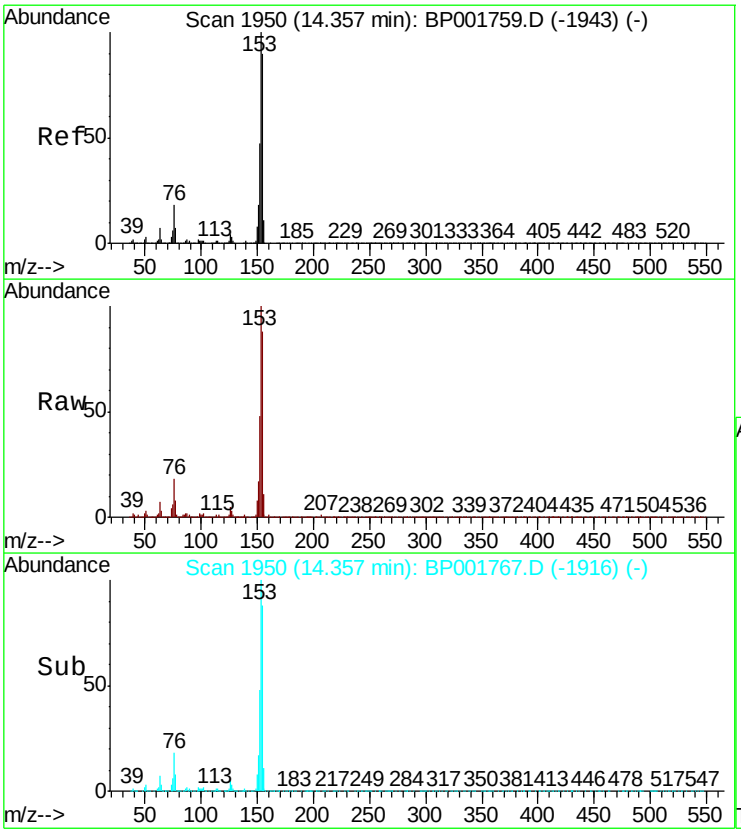
#49
3-Nitroaniline
Concen: 2.762 ng/ul
RT: 14.19 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:138 Resp: 35094

Ion	Ratio	Lower	Upper
138	100		
108	15.2	9.9	14.9#
92	121.2	88.9	133.3

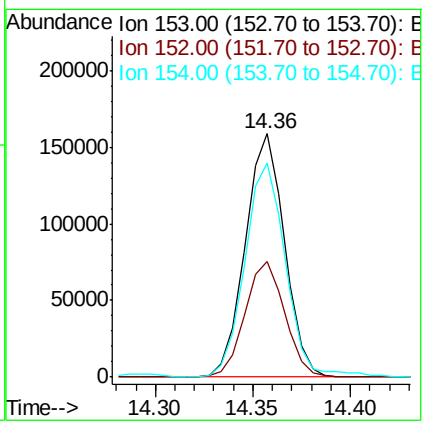


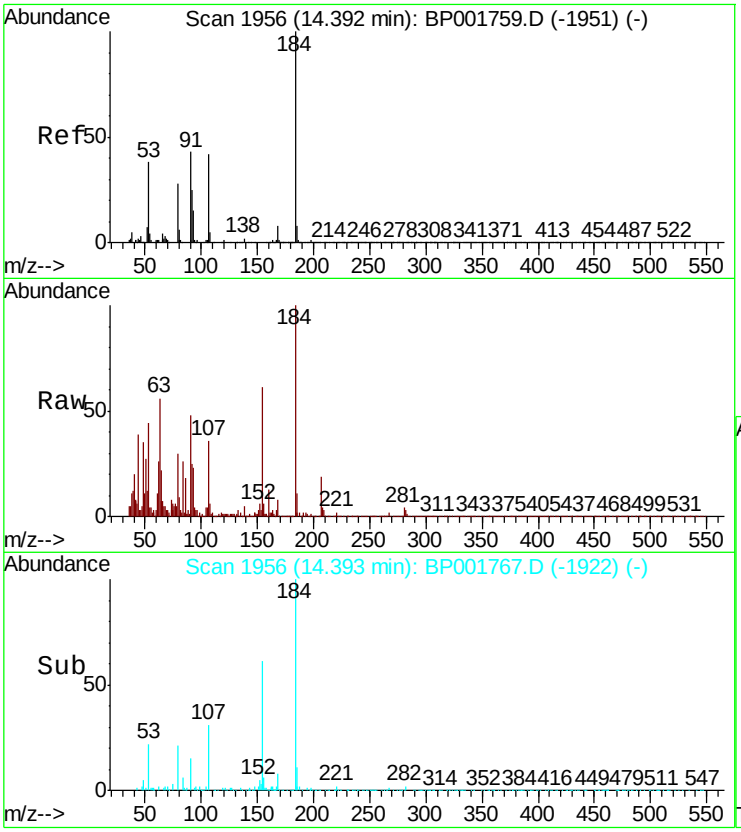


#50
Acenaphthene
Concen: 3.561 ng/ul
RT: 14.36 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion:153 Resp: 221159

Ion	Ratio	Lower	Upper
153	100		
152	47.6	37.8	56.8
154	88.1	71.9	107.9



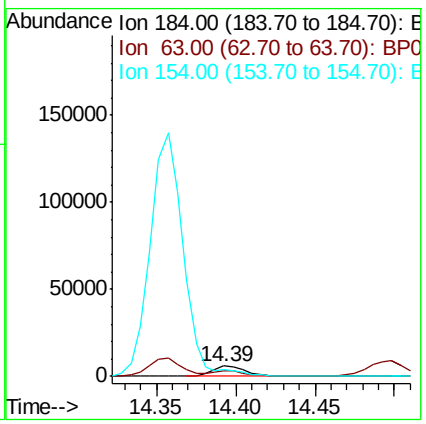


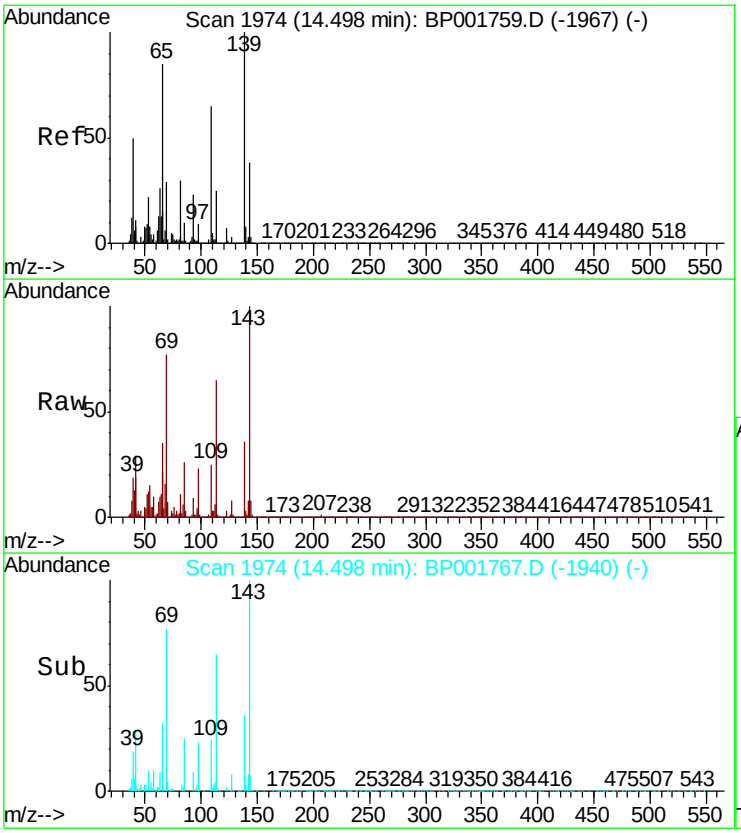
#51
2,4-Dinitrophenol
Concen: 1.700 ng/ul
RT: 14.39 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:184 Resp: 8806

Ion	Ratio	Lower	Upper
184	100		
63	56.1	45.9	68.9
154	61.0	47.3	70.9

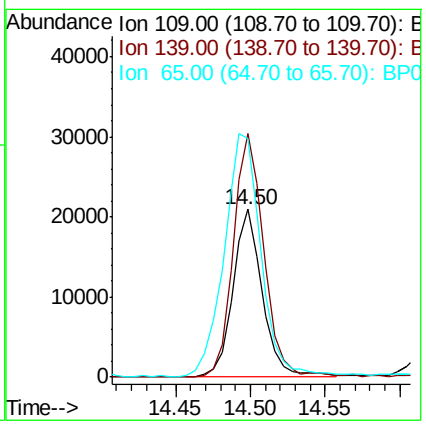


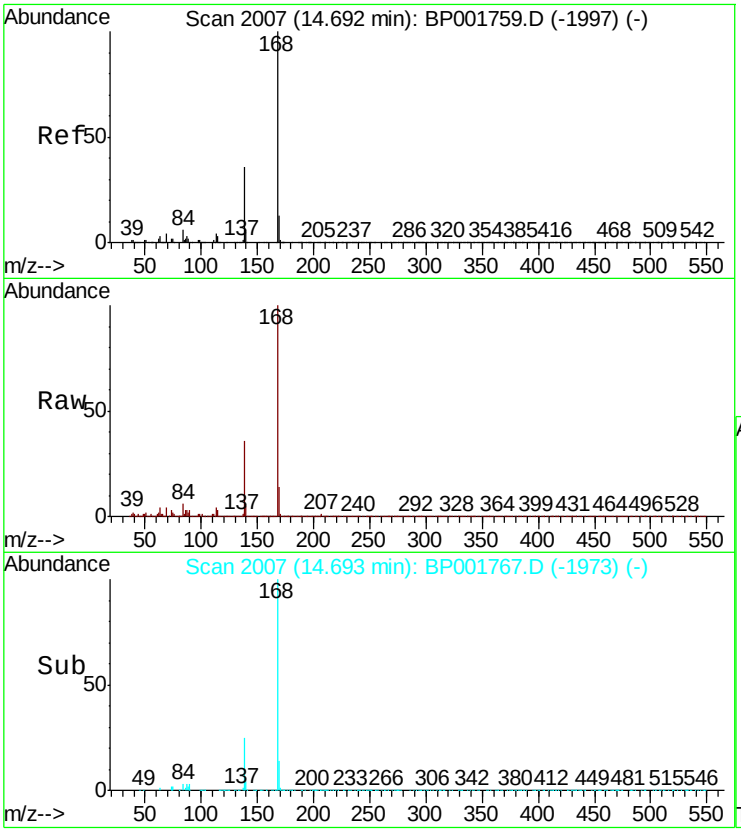


#53
4-Nitrophenol
Concen: 3.278 ng/ul
RT: 14.50 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion:109 Resp: 28756

Ion	Ratio	Lower	Upper
109	100		
139	145.2	123.1	184.7
65	142.1	105.0	157.6



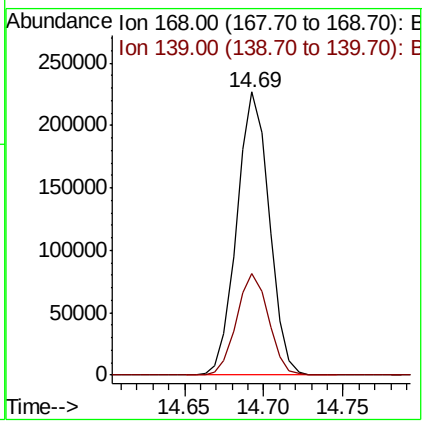


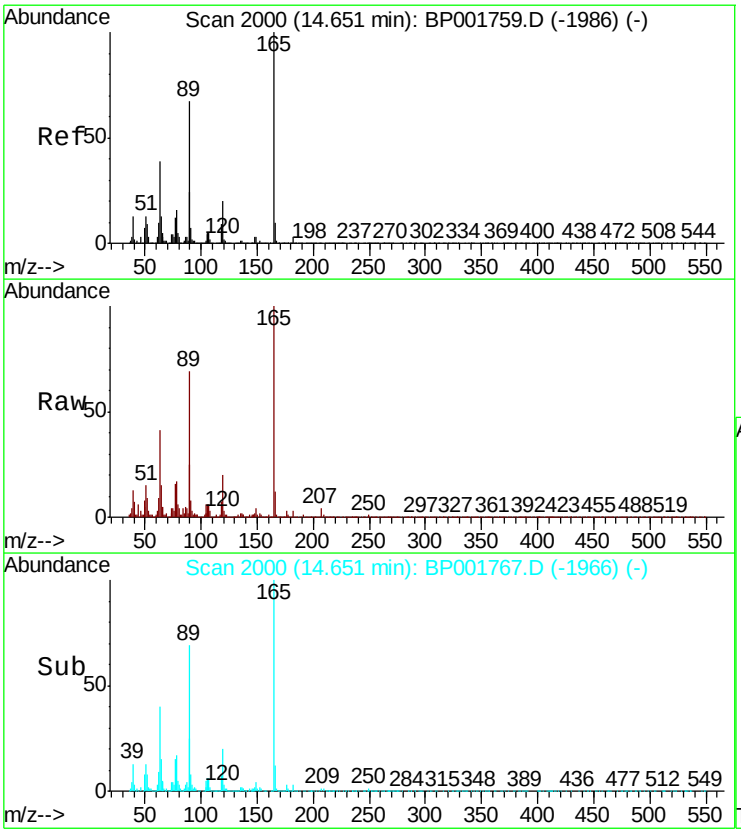
#54
Dibenzofuran
Concen: 3.667 ng/ul
RT: 14.69 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:168 Resp: 320772

Ion	Ratio	Lower	Upper
168	100		
139	35.9	28.6	43.0

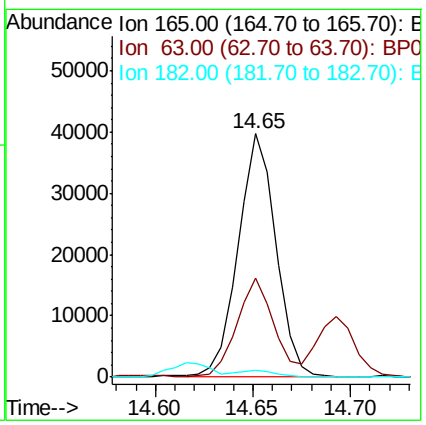


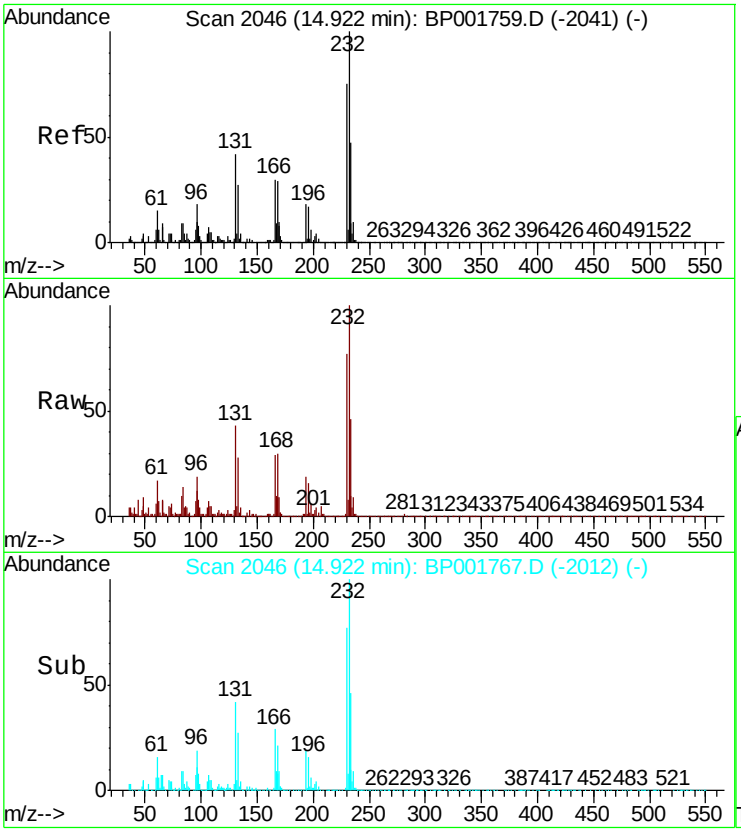


#55
2,4-Dinitrotoluene
Concen: 2.879 ng/ul
RT: 14.65 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion:165 Resp: 52909

Ion	Ratio	Lower	Upper
165	100		
63	40.9	31.0	46.6
182	3.0	2.4	3.6



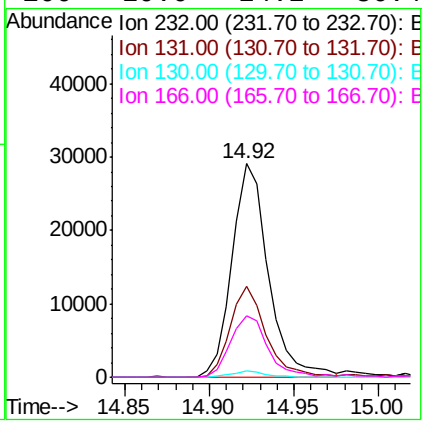


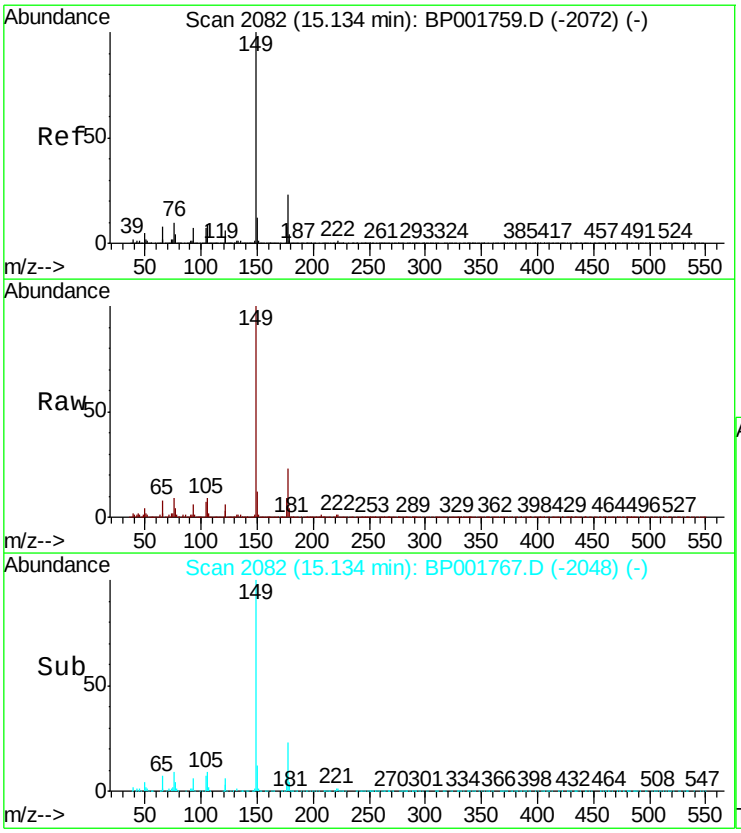
#56
2,3,4,6-Tetrachlorophenol
Concen: 2.897 ng/ul
RT: 14.92 min Scan# 2046
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:232 Resp: 43514

Ion	Ratio	Lower	Upper
232	100		
131	42.6	34.1	51.1
130	2.8	1.8	2.6#
166	29.0	24.2	36.4

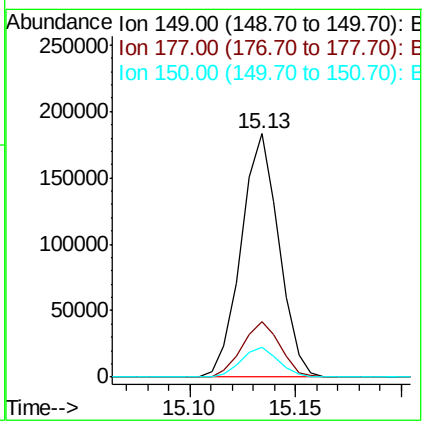


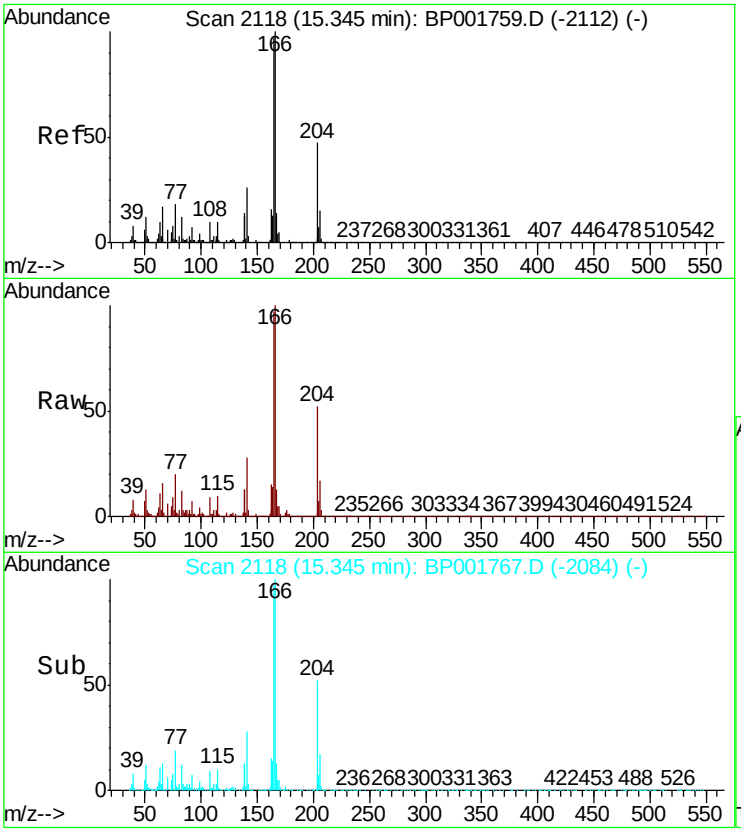


#57
Diethylphthalate
Concen: 3.321 ng/ul
RT: 15.13 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion:149 Resp: 227407

Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.1	27.1
150	12.5	9.8	14.8



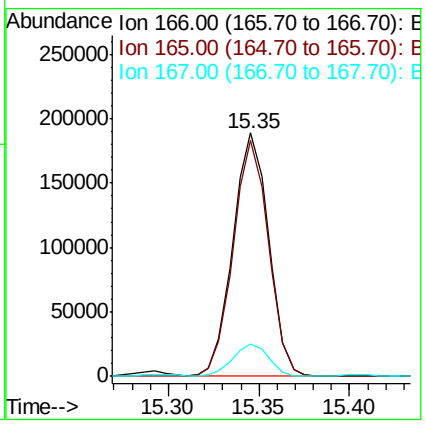


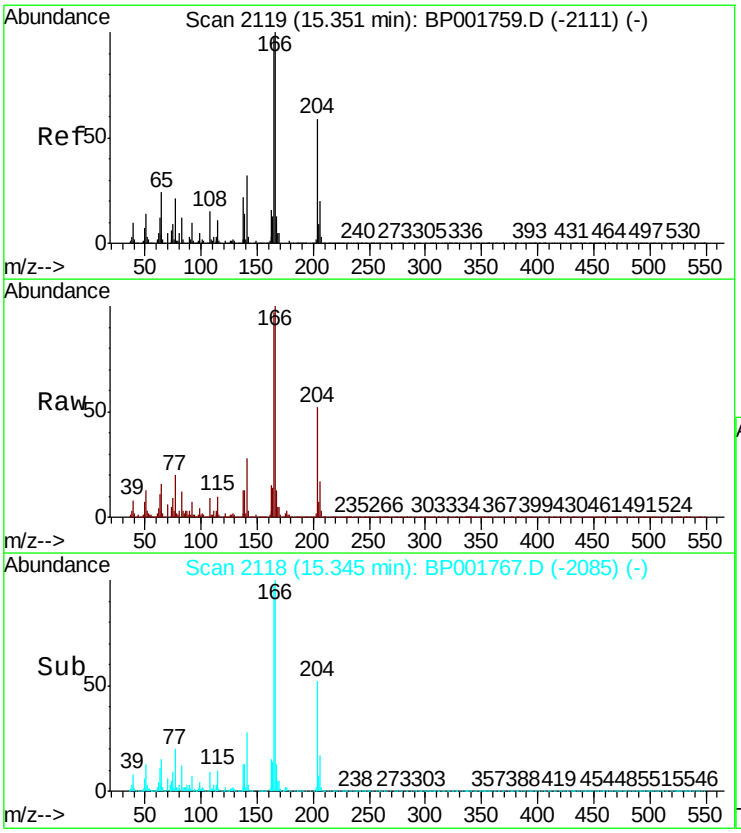
#59
Fluorene
Concen: 3.729 ng/ul
RT: 15.35 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:166 Resp: 259451

Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.3	115.9
167	13.4	11.0	16.6

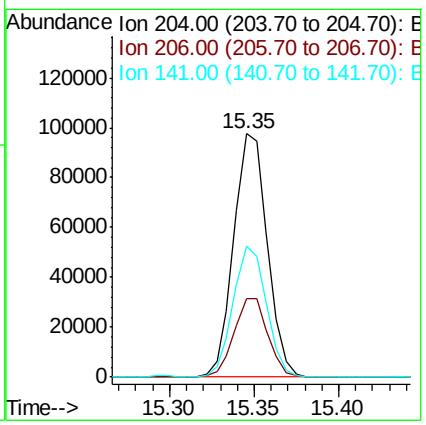


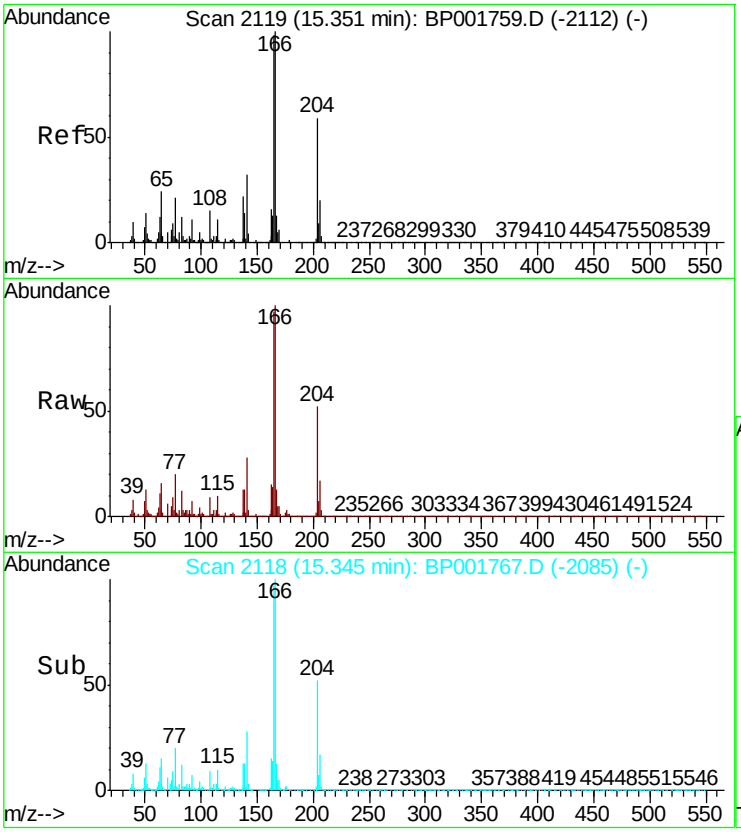


#60
4-Chlorophenyl-phenylether
Concen: 3.743 ng/ul
RT: 15.35 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion:204 Resp: 135171

Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.6	40.0
141	54.0	43.1	64.7



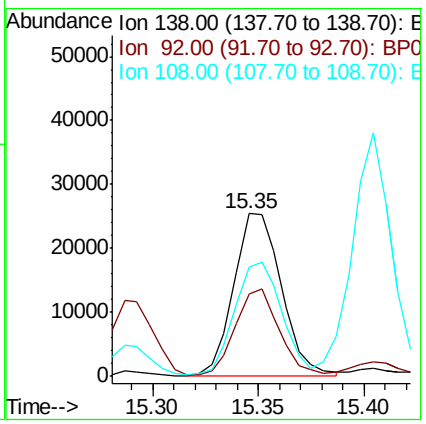


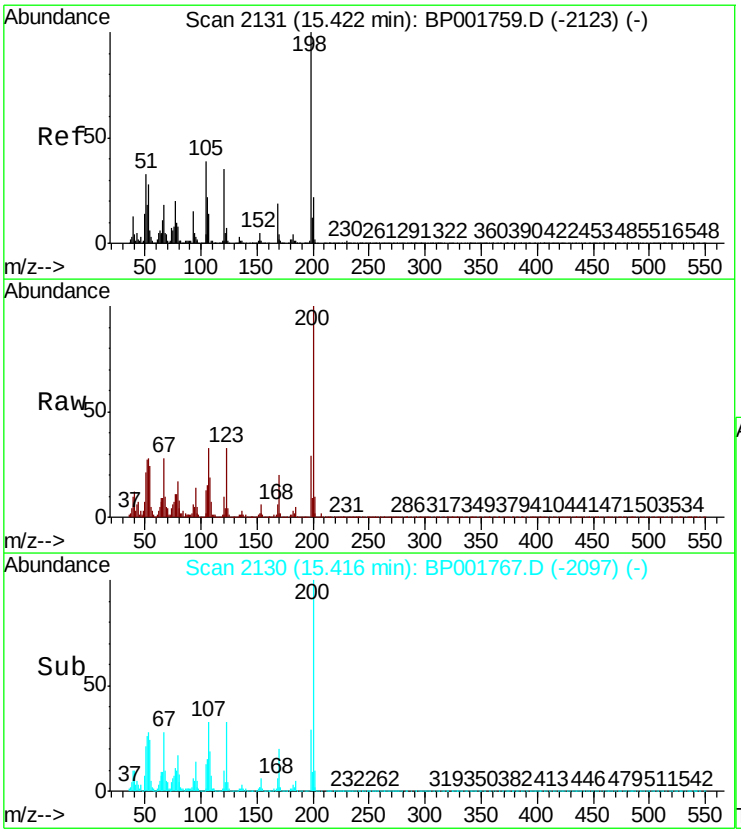
#61
4-Nitroaniline
Concen: 2.781 ng/ul
RT: 15.35 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:138 Resp: 39899

Ion	Ratio	Lower	Upper
138	100		
92	50.5	38.4	57.6
108	67.1	53.8	80.6

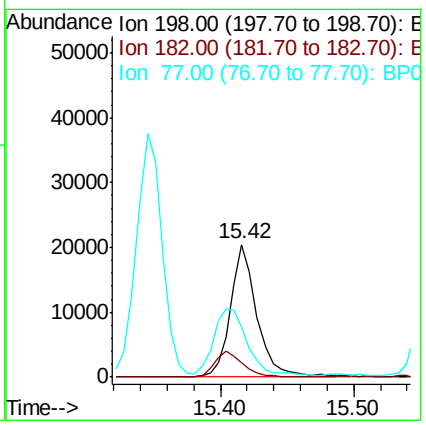


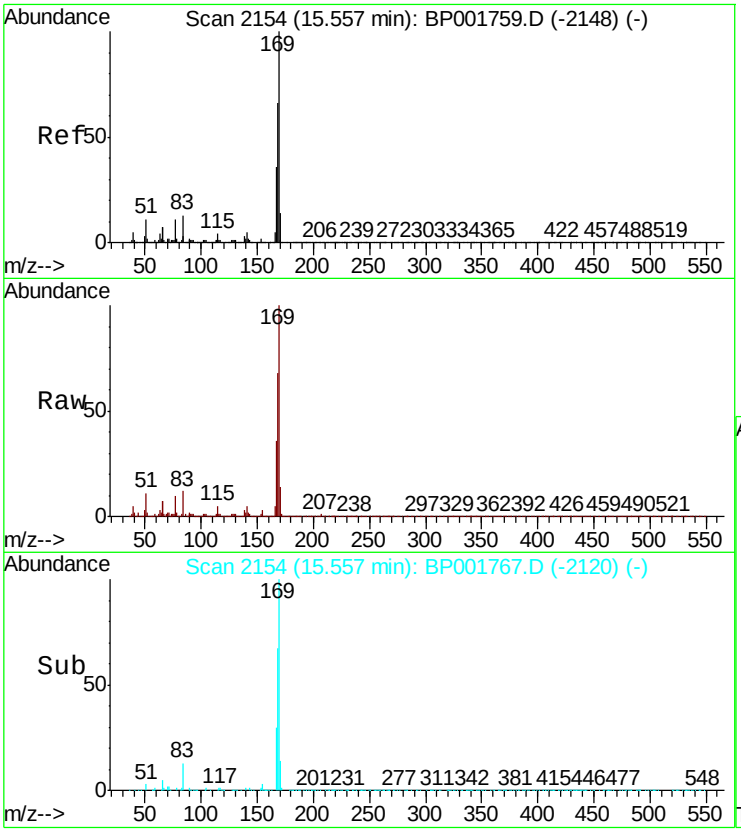


#64
4,6-Dinitro-2-methylphenol
Concen: 3.067 ng/ul
RT: 15.42 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion:198 Resp: 28350

Ion	Ratio	Lower	Upper
198	100		
182	10.5	3.0	4.6#
77	37.7	17.3	25.9#



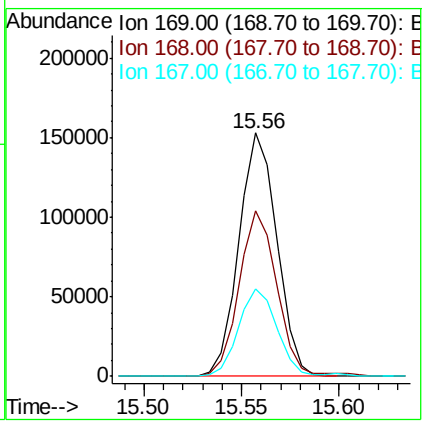


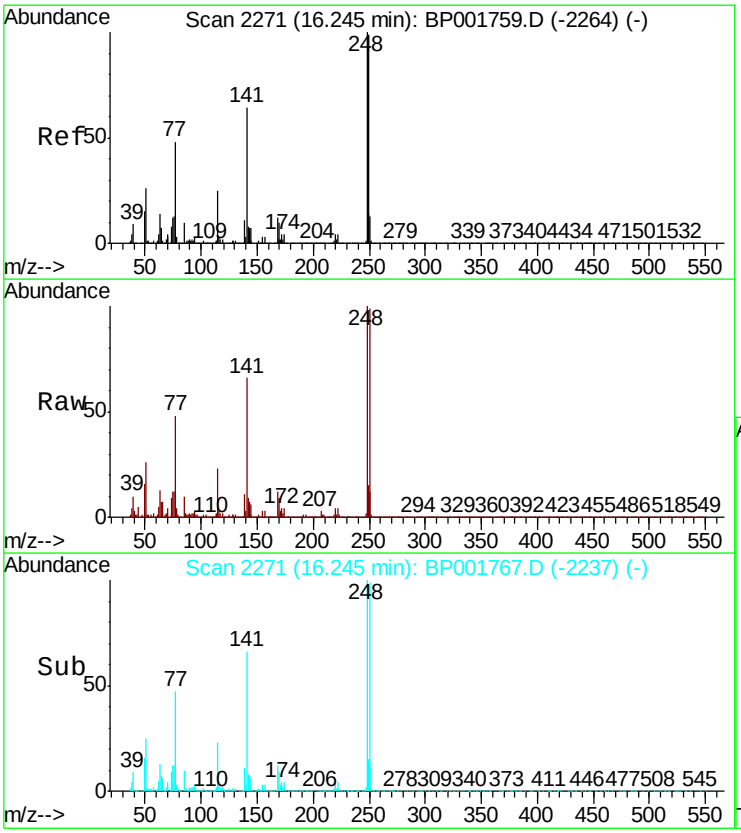
#65
N-Nitrosodiphenylamine
Concen: 3.425 ng/ul
RT: 15.56 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:169 Resp: 206464

Ion	Ratio	Lower	Upper
169	100		
168	68.0	52.9	79.3
167	36.0	28.9	43.3

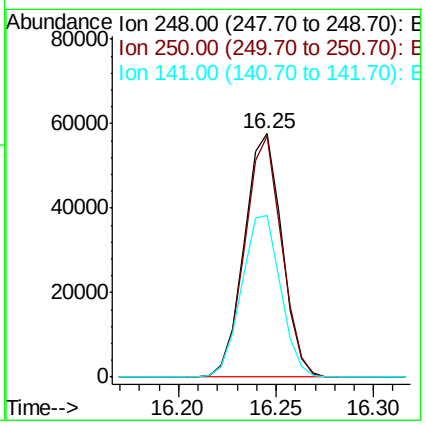


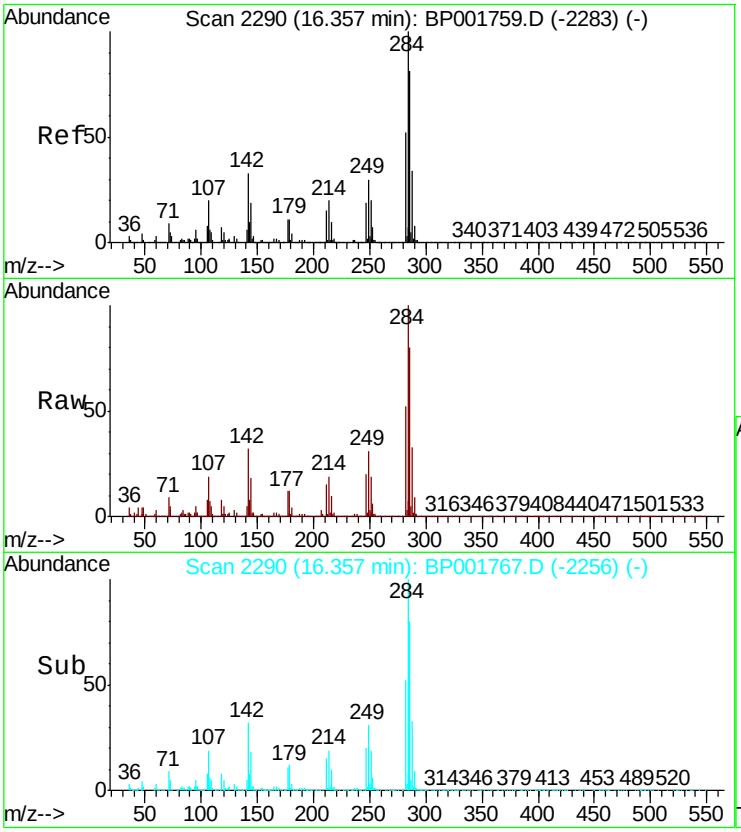


#66
4-Bromophenyl-phenylether
Concen: 3.335 ng/ul
RT: 16.25 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion:248 Resp: 76945

Ion	Ratio	Lower	Upper
248	100		
250	99.3	79.2	118.8
141	66.3	51.0	76.6



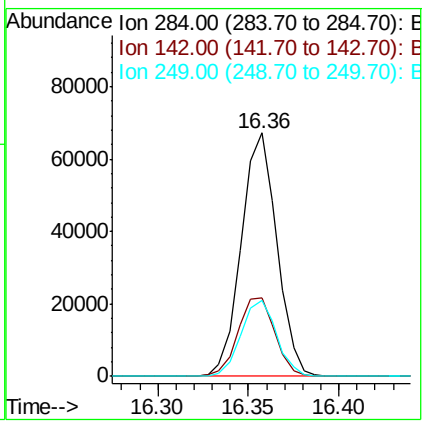


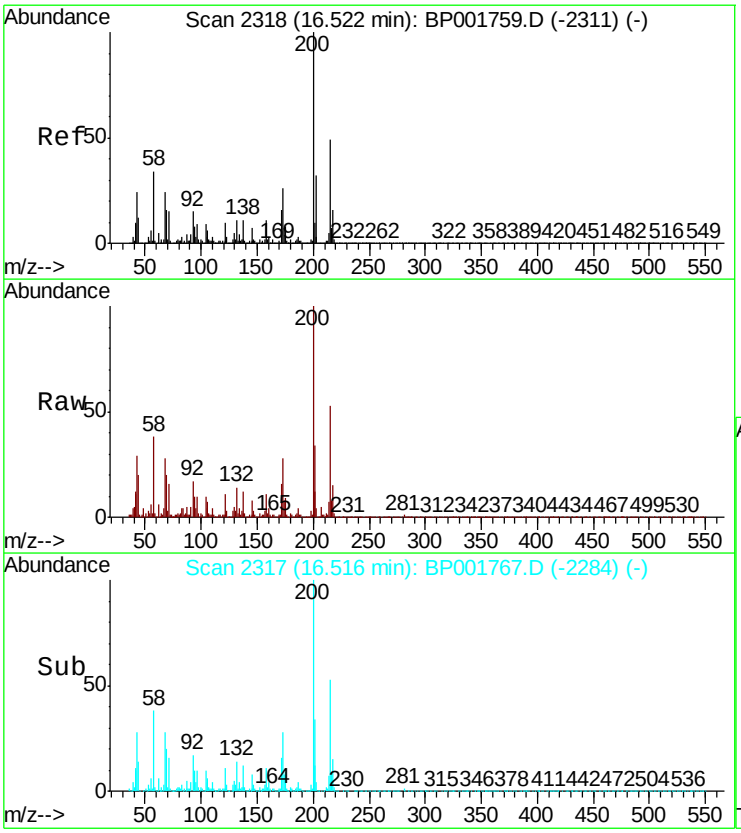
#67
Hexachlorobenzene
Concen: 3.453 ng/ul
RT: 16.36 min Scan# 2290
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:284 Resp: 91951

Ion	Ratio	Lower	Upper
284	100		
142	32.2	26.6	40.0
249	30.9	24.4	36.6

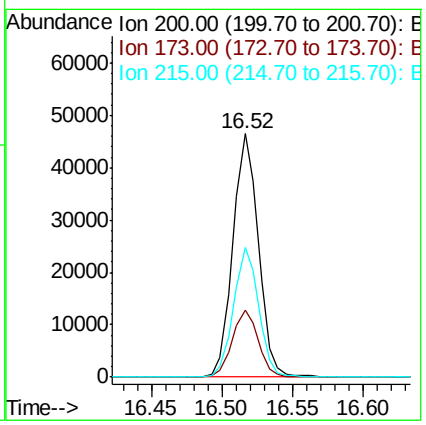


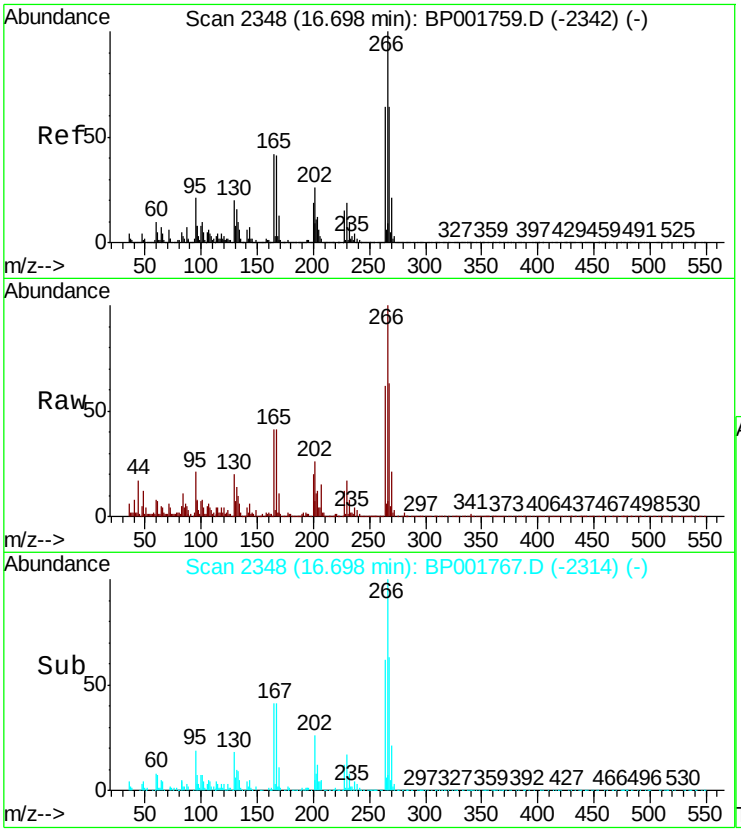


#68
Atrazine
Concen: 2.692 ng/ul
RT: 16.52 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion:200 Resp: 58491

Ion	Ratio	Lower	Upper
200	100		
173	27.7	21.0	31.4
215	53.3	38.9	58.3



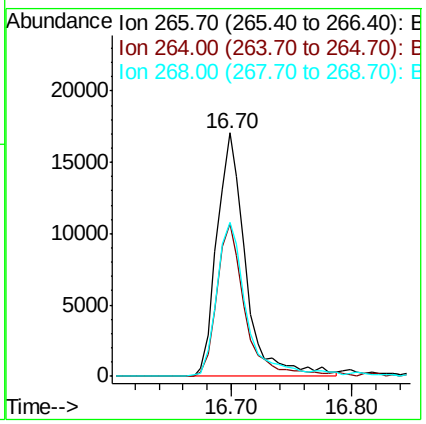


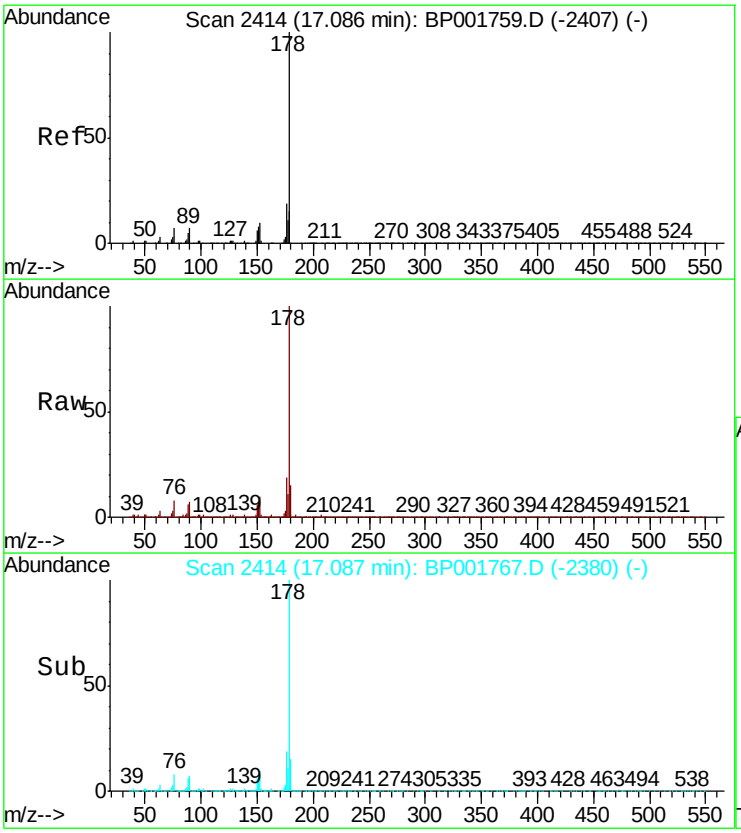
#69
Pentachlorophenol
Concen: 2.175 ng/ul
RT: 16.70 min Scan# 2348
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:266 Resp: 28035

Ion	Ratio	Lower	Upper
266	100		
264	62.5	51.1	76.7
268	63.0	51.5	77.3

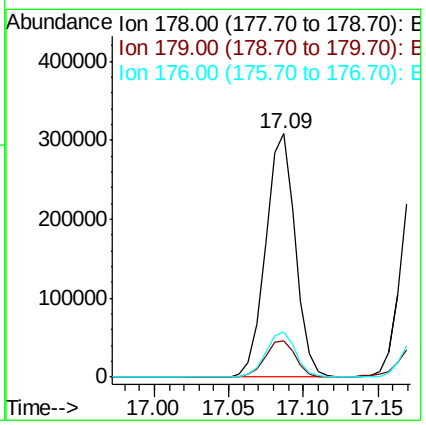


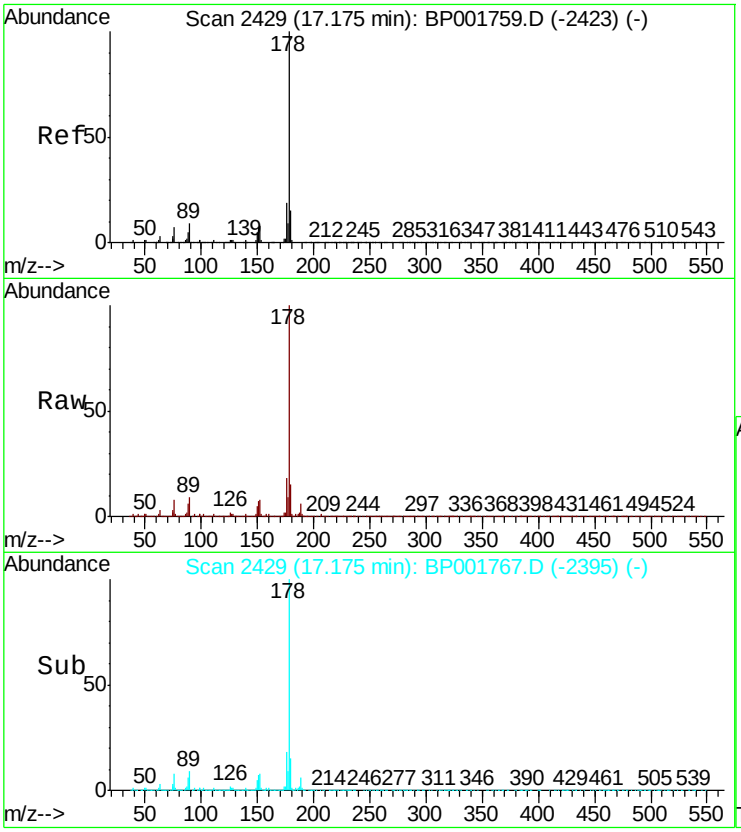


#70
Phenanthrene
Concen: 3.651 ng/ul
RT: 17.09 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion:178 Resp: 423284

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	18.6	15.3	22.9



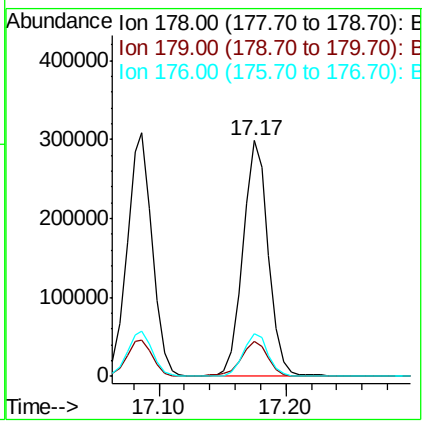


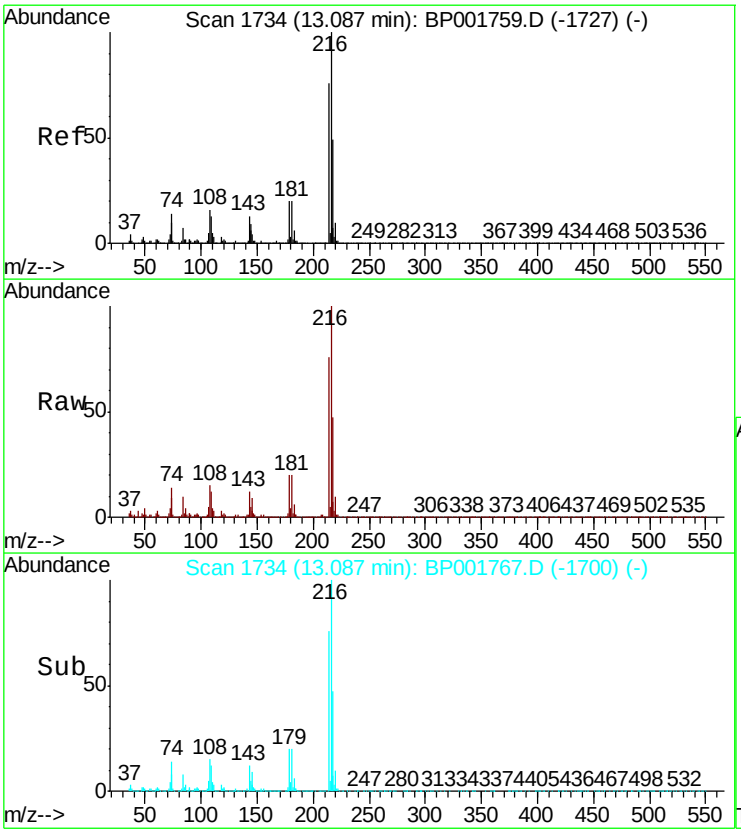
#72
Anthracene
Concen: 3.605 ng/ul
RT: 17.17 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 412798

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.4	18.6
176	18.2	14.8	22.2

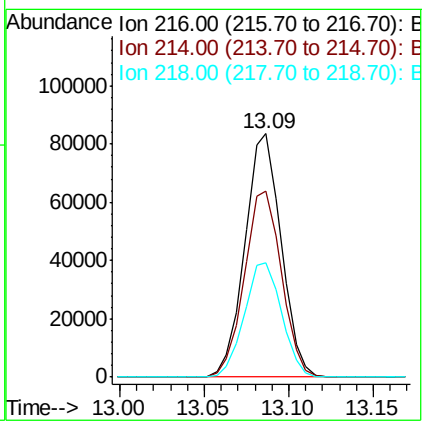


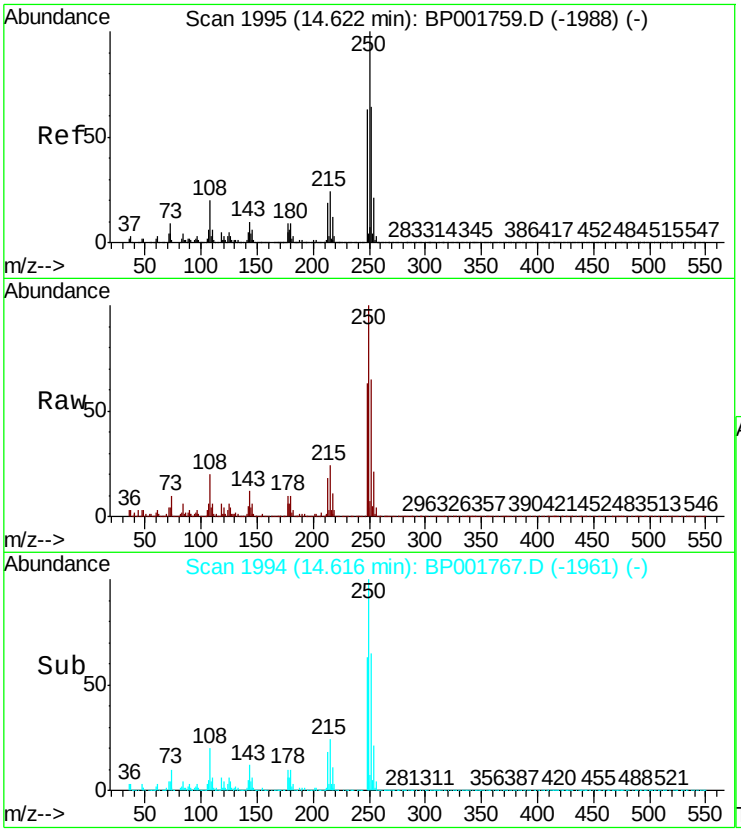


#73
1,2,3,4-Tetrachlorobenzene
Concen: 3.640 ng/uL
RT: 13.09 min Scan# 1734
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion:216 Resp: 125451

Ion	Ratio	Lower	Upper
216	100		
214	76.5	60.9	91.3
218	46.8	39.0	58.6



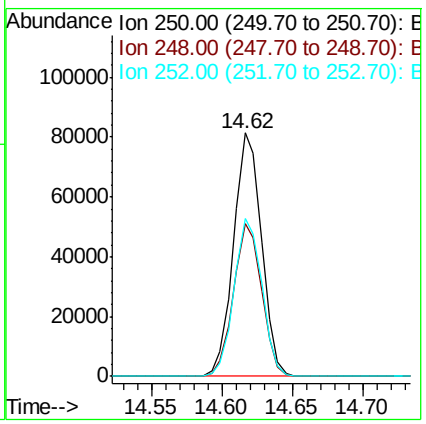


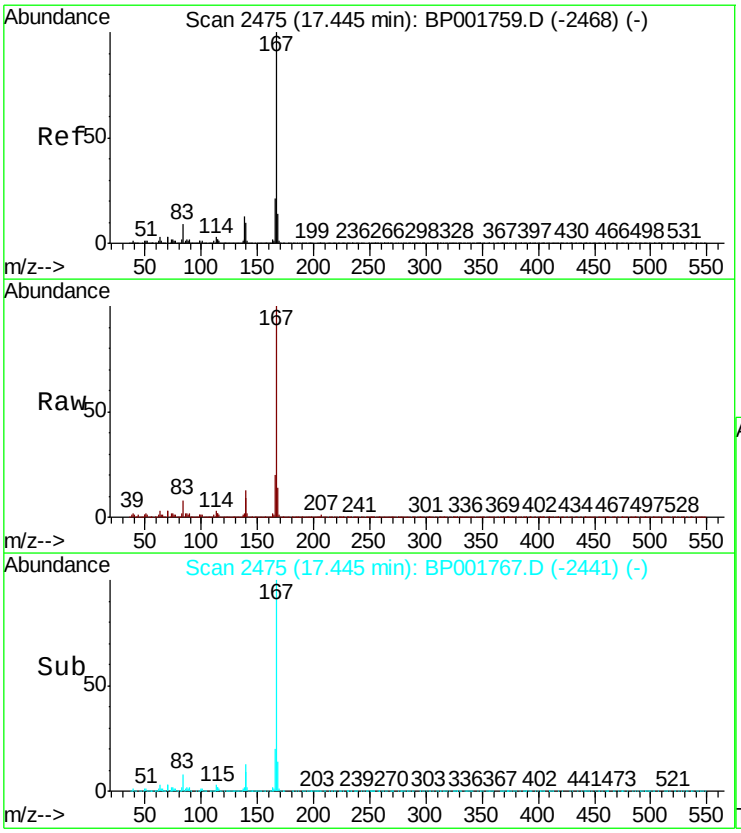
#74
Pentachlorobenzene
Concen: 3.346 ng/uL
RT: 14.62 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:250 Resp: 112415

Ion	Ratio	Lower	Upper
250	100		
248	62.8	50.6	76.0
252	64.9	51.5	77.3

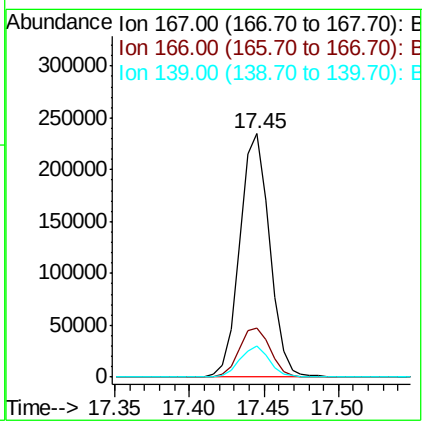


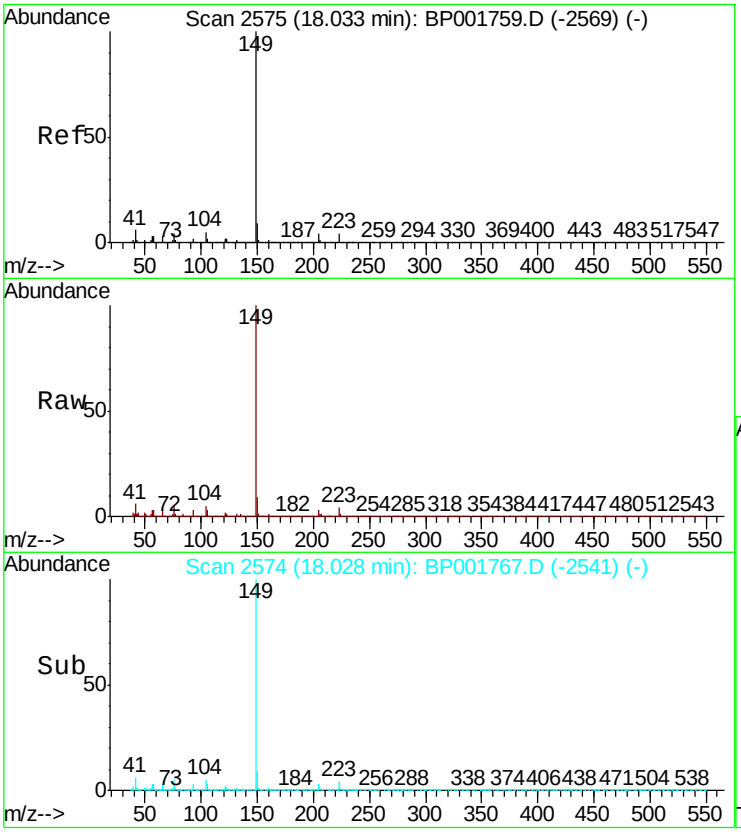


#75
Carbazole
Concen: 3.401 ng/ul
RT: 17.45 min Scan# 2475
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion:167 Resp: 324817

Ion	Ratio	Lower	Upper
167	100		
166	20.3	17.1	25.7
139	12.6	10.2	15.2



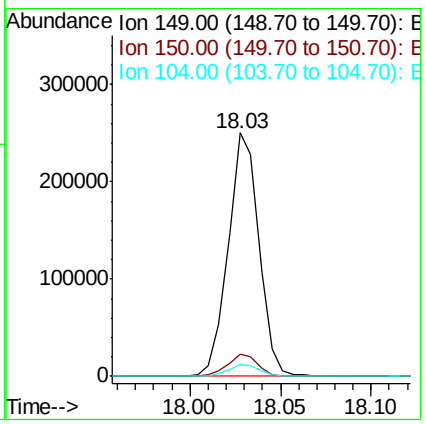


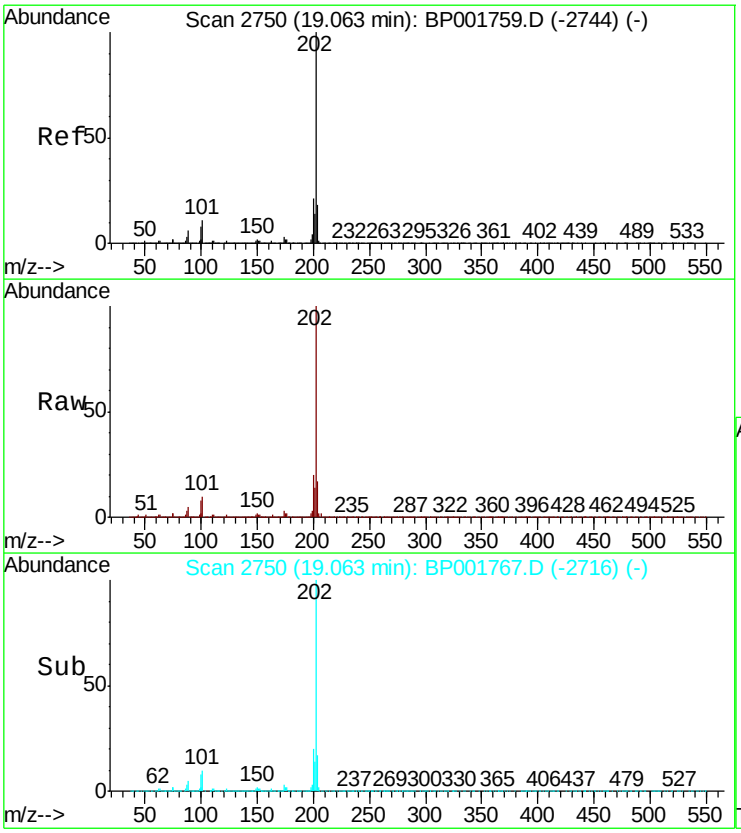
#76
Di-n-butylphthalate
Concen: 2.804 ng/ul
RT: 18.03 min Scan# 2574
Delta R.T. -0.01 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:149 Resp: 294659

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.7	3.6	5.4

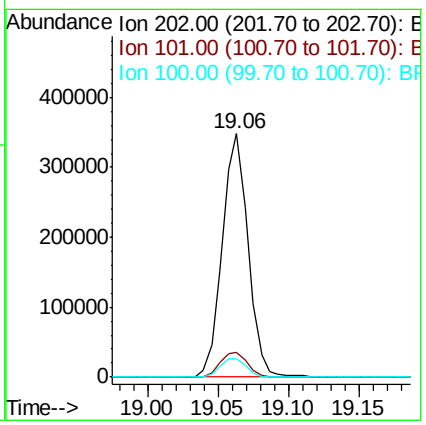


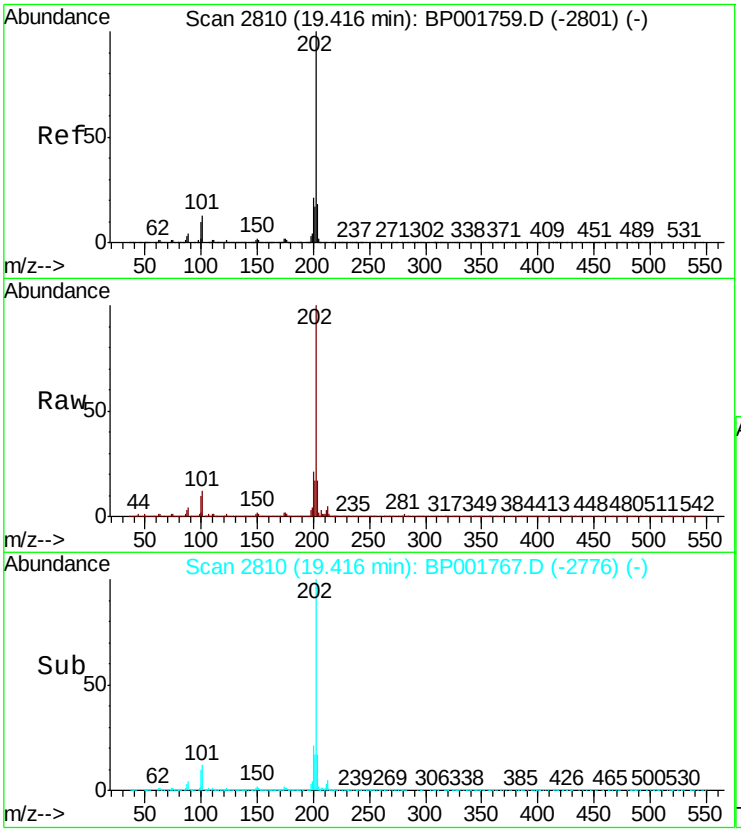


#77
Fluoranthene
Concen: 3.558 ng/ul
RT: 19.06 min Scan# 2750
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion:202 Resp: 441673

Ion	Ratio	Lower	Upper
202	100		
101	10.0	9.1	13.7
100	7.7	6.6	9.8



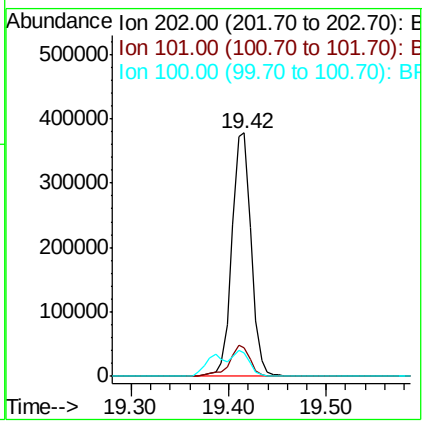


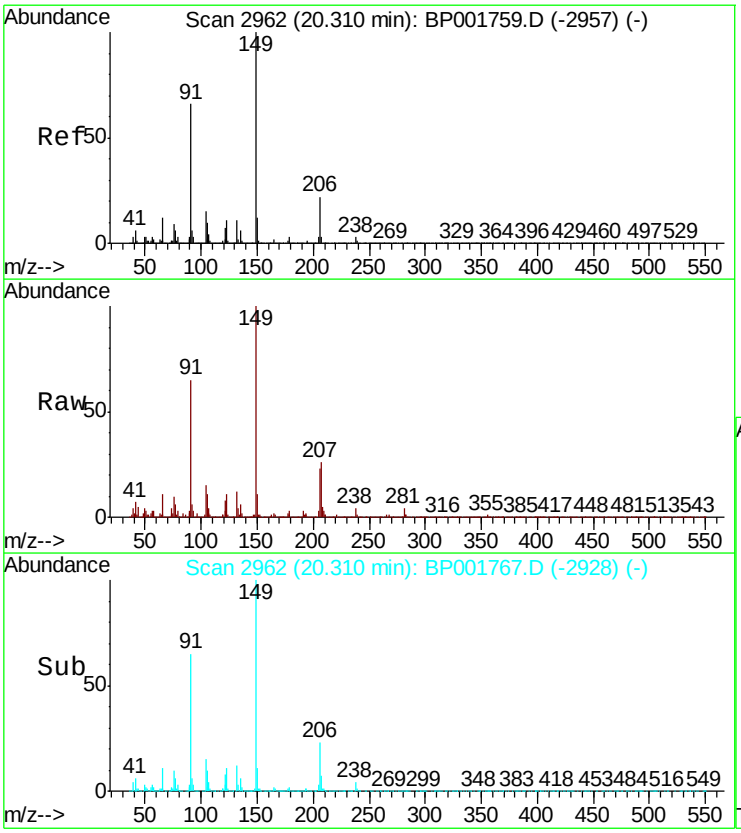
#80
Pyrene
Concen: 3.487 ng/ul
RT: 19.42 min Scan# 2810
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 512742

Ion	Ratio	Lower	Upper
202	100		
101	11.9	10.2	15.2
100	9.8	8.2	12.2

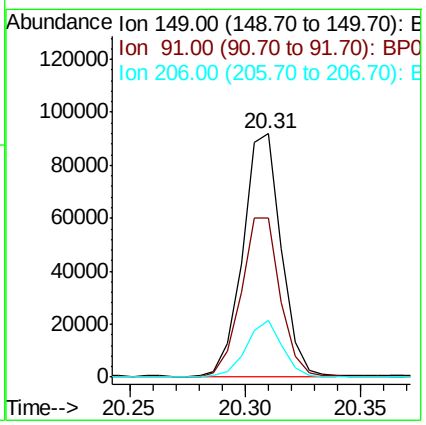


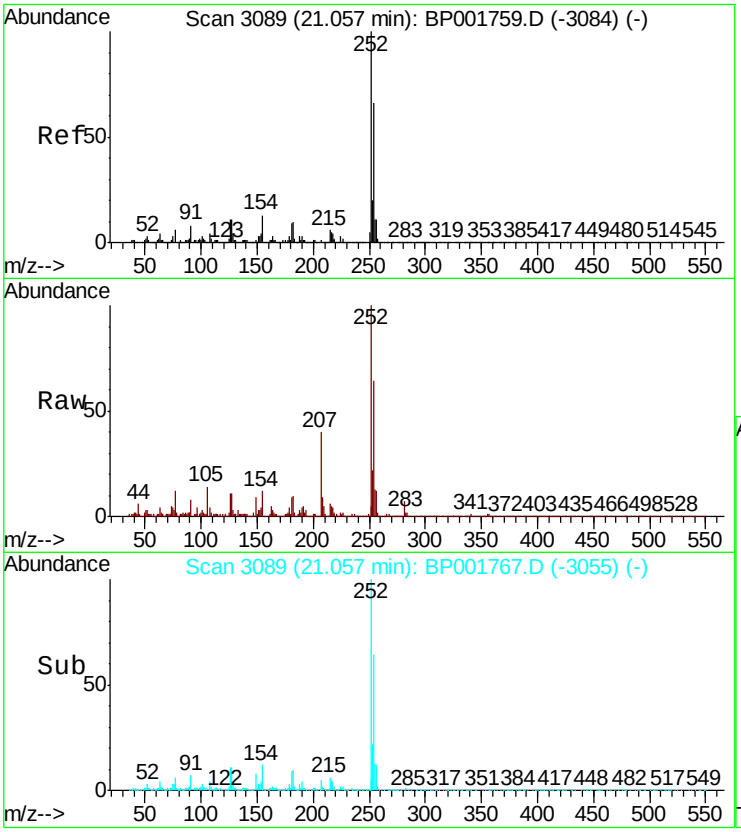


#81
Butylbenzylphthalate
Concen: 2.326 ng/ul
RT: 20.31 min Scan# 2962
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion:149 Resp: 106219

Ion	Ratio	Lower	Upper
149	100		
91	65.2	53.0	79.4
206	23.2	17.6	26.4



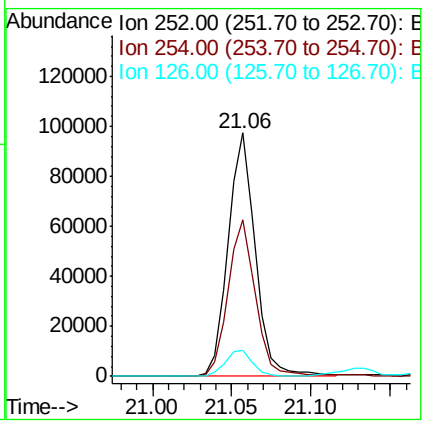


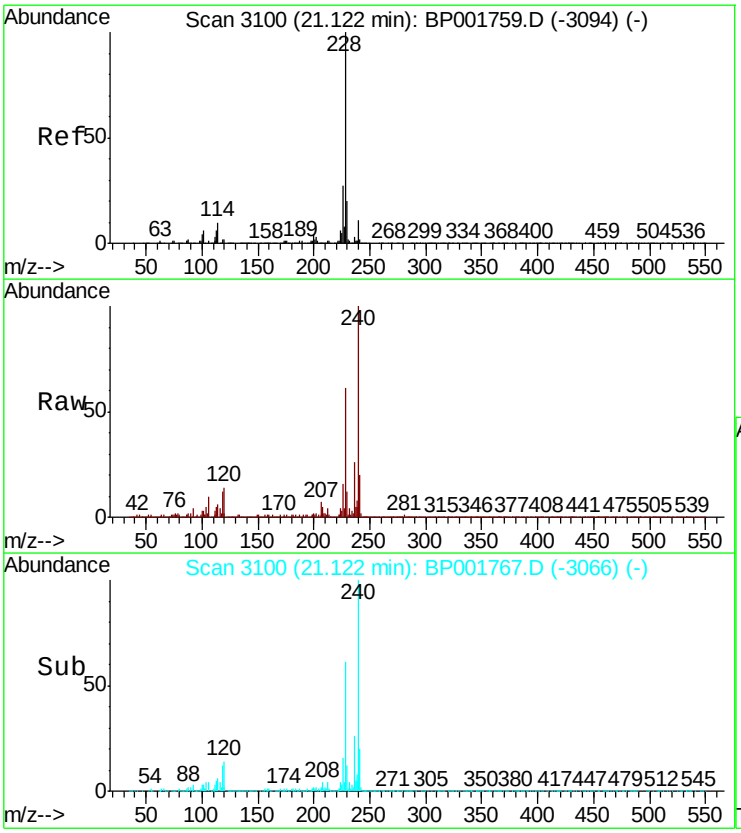
#82
3,3'-Dichlorobenzidine
Concen: 2.473 ng/ul
RT: 21.06 min Scan# 3089
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 115638

Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.6	78.8
126	10.6	8.6	13.0

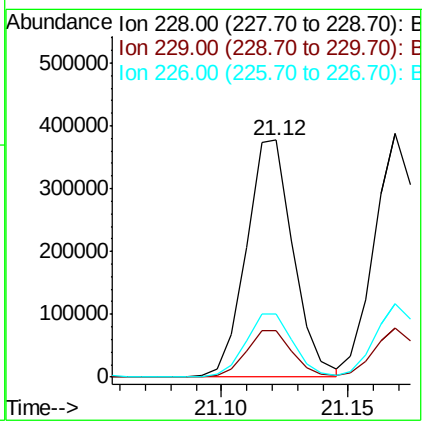


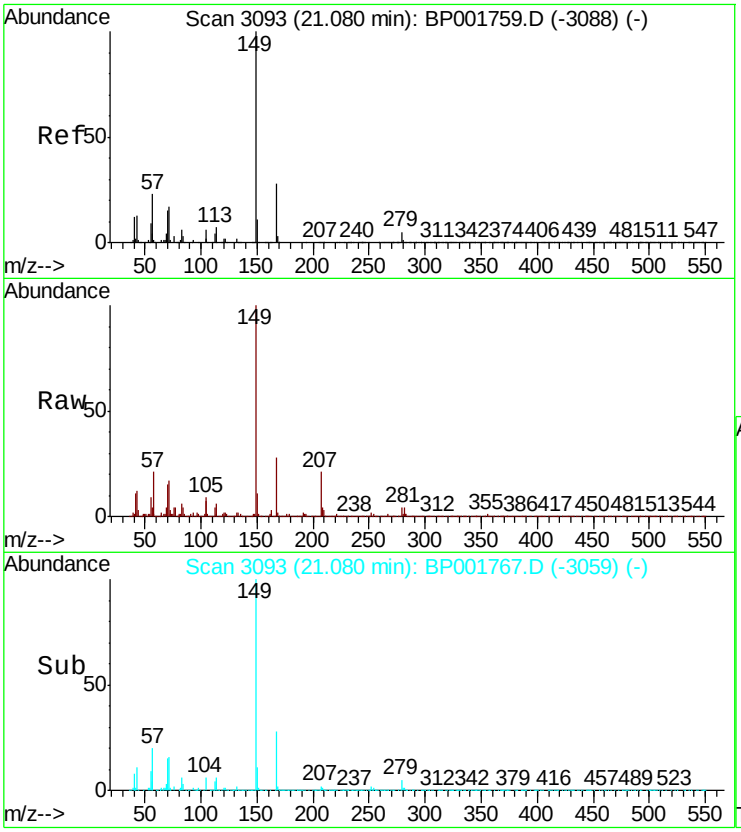


#83
Benzo(a)anthracene
Concen: 3.408 ng/ul
RT: 21.12 min Scan# 3100
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion:228 Resp: 485161

Ion	Ratio	Lower	Upper
228	100		
229	19.4	16.2	24.4
226	26.5	22.0	33.0



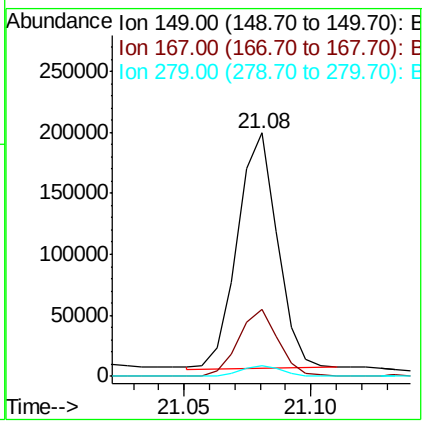


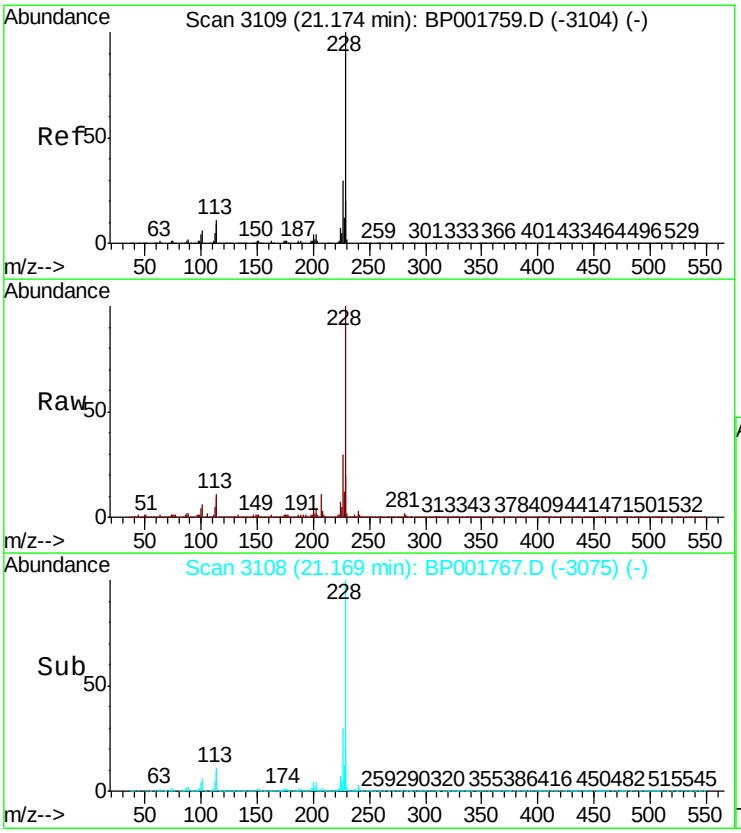
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.812 ng/ul
RT: 21.08 min Scan# 3093
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:149 Resp: 212675

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.6	34.0
279	4.5	3.6	5.4

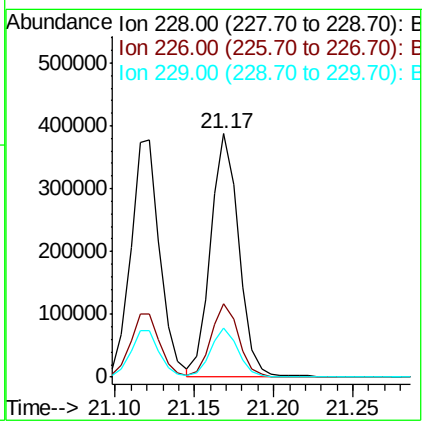


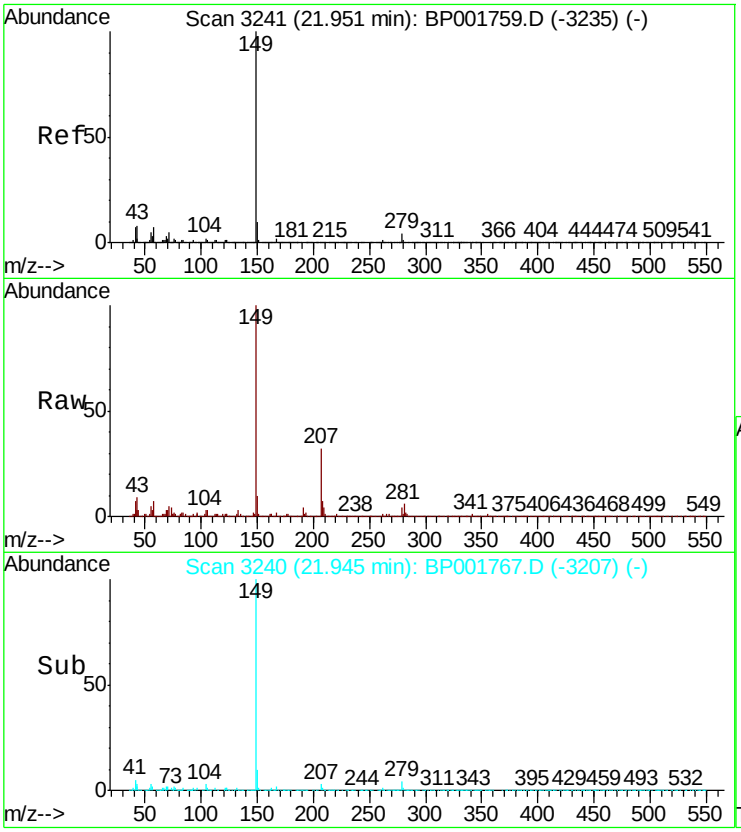


#85
Chrysene
Concen: 3.418 ng/ul
RT: 21.17 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion:228 Resp: 475437

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.2
229	20.1	15.7	23.5

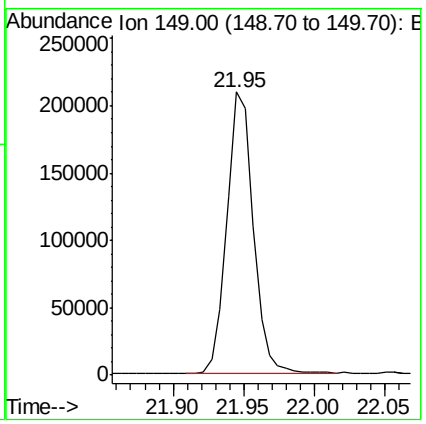


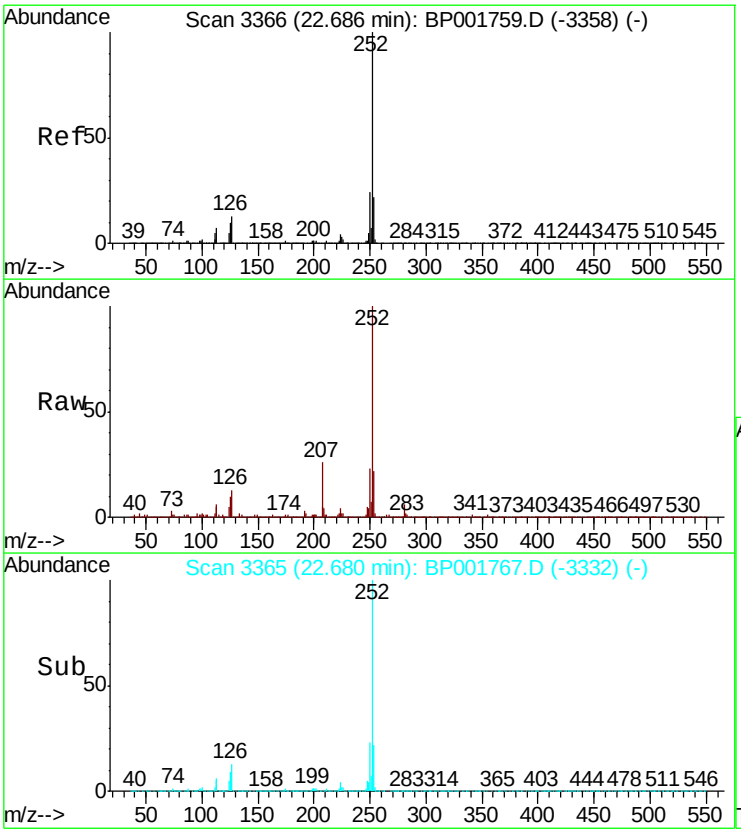


#87
Di-n-octyl phthalate
Concen: 2.372 ng/ul
RT: 21.95 min Scan# 3240
Delta R.T. -0.01 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:149 Resp: 274470

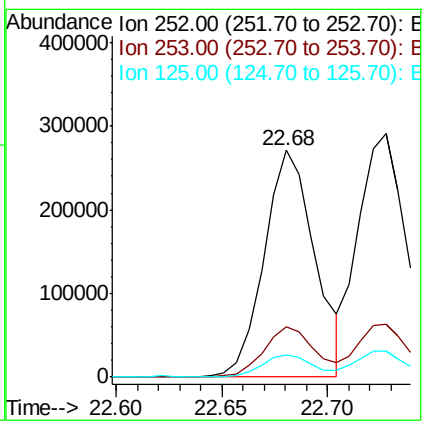


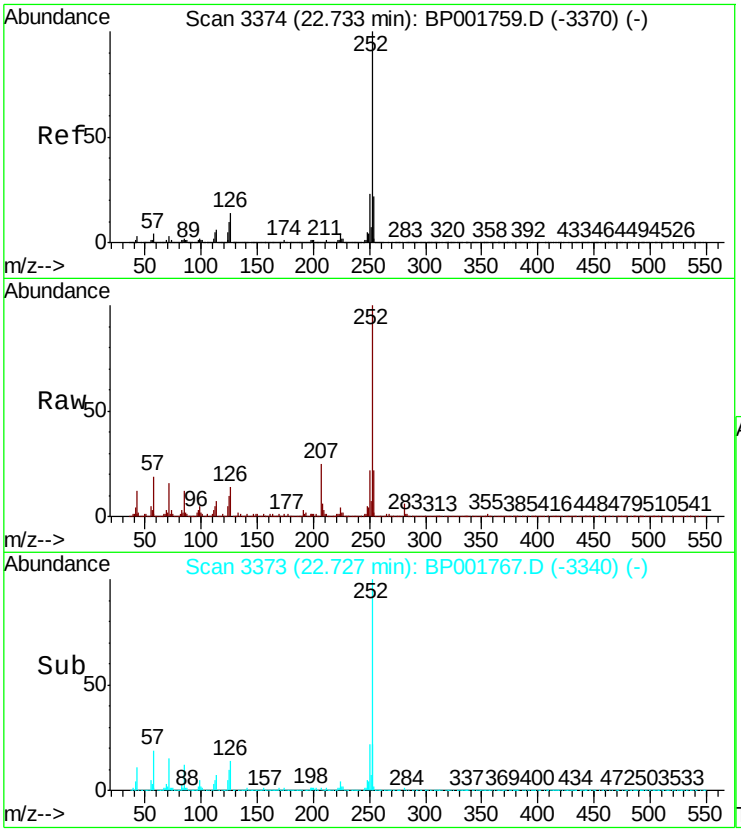


#88
Benzo(b)fluoranthene
Concen: 3.319 ng/ul
RT: 22.68 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion:252 Resp: 451208

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	9.6	7.8	11.6



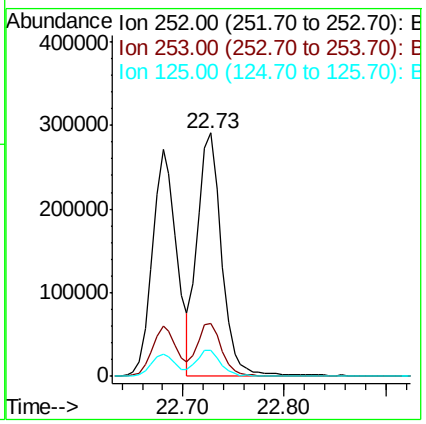


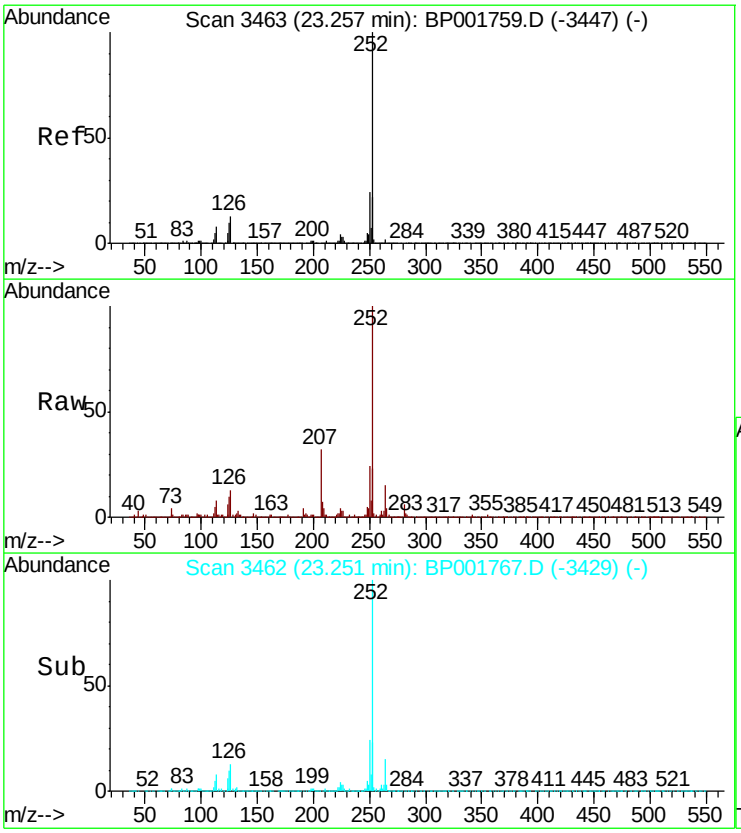
#89
Benzo(k)fluoranthene
Concen: 3.399 ng/ul
RT: 22.73 min Scan# 3373
Delta R.T. -0.01 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 479025

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	10.5	8.0	12.0

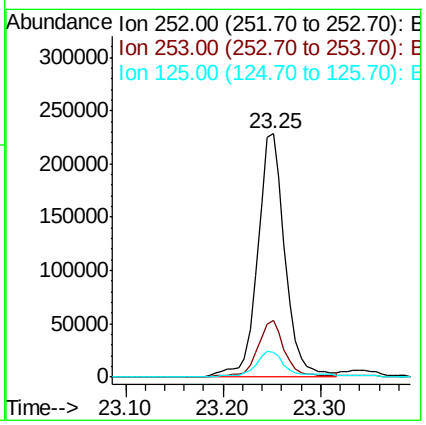


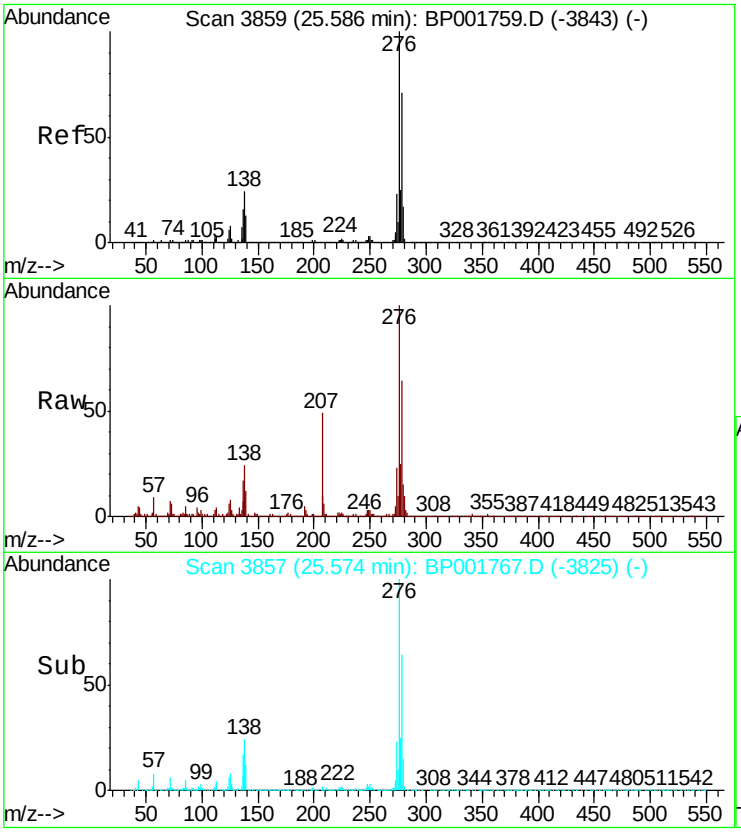


#91
Benzo(a)pyrene
Concen: 3.518 ng/ul
RT: 23.25 min Scan# 3462
Delta R.T. -0.01 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion:252 Resp: 448248

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	10.3	8.3	12.5



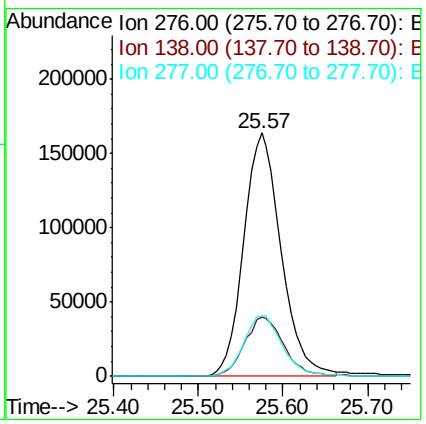


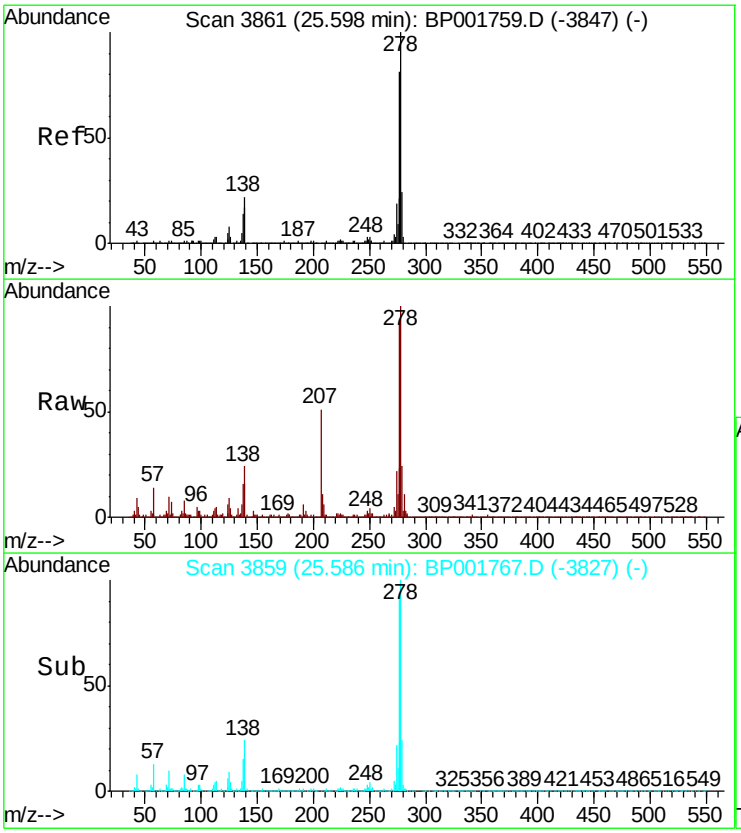
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.166 ng/ul
RT: 25.57 min Scan# 3857
Delta R.T. -0.01 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 503962

Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.3	28.9
277	24.9	20.0	30.0

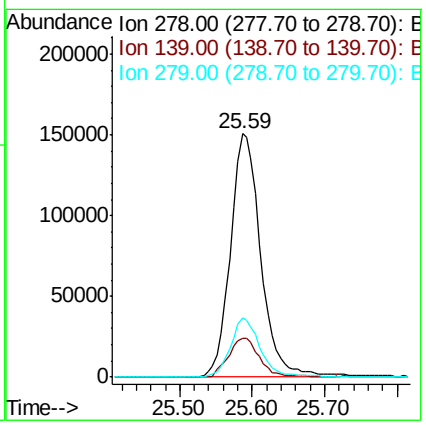


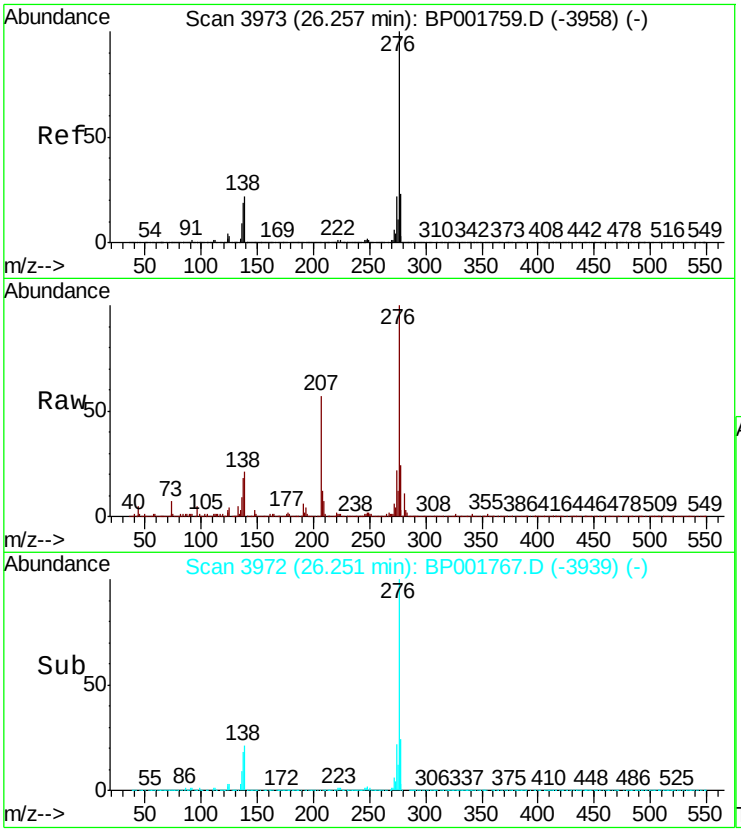


#93
Dibenzo(a,h)anthracene
Concen: 3.263 ng/ul
RT: 25.59 min Scan# 3859
Delta R.T. -0.01 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion:278 Resp: 436269

Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.3	19.9
279	24.2	19.3	28.9





#94
Benzo(g,h,i)perylene
Concen: 3.139 ng/ul
RT: 26.25 min Scan# 3972
Delta R.T. -0.01 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 424784

Ion	Ratio	Lower	Upper
276	100		
138	21.4	17.7	26.5
277	24.1	18.8	28.2