Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121817\
Data File : BM013505.D
Acq On : 18 Dec 2017 19:00
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 19 00:45:08 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 19 00:41:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	163406	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	722053	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	449581	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1042897	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1007020	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	811616	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	22804	6.91	ng/uL	0.00
5) Phenol-d5	6.85	99	274184	19.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	160031	19.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	223658	20.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	235555	19.50	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	114851	20.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	126258	20.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	246563	19.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	282844	24.37	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	743101	18.57	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	954853	19.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	113650	16.35	ng/ul	0.00
57) Fluorene-d10	15.32	176	652885	18.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	111217	16.95	ng/ul	0.00
70) Anthracene-d10	17.16	188	1031101	19.74	ng/ul	0.00
76) Pyrene-d10	19.46	212	1103703	22.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	804432	19.46	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	26989	7.286	ng/uL#	64
4) Benzaldehyde	6.83	77	142906	20.428	ng/ul	95
6) Phenol	6.88	94	274666	19.653	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.10	93	206288	19.304	ng/ul	98
10) 2-Chlorophenol	7.24	128	213677	19.725	ng/ul	97
11) 2-Methylphenol	8.12	108	205963	19.054	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.20	45	231533	20.635	ng/ul#	81
14) Acetophenone	8.49	105	354575	19.304	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.48	70	181498	19.617	ng/ul#	70
16) 4-Methylphenol	8.45	108	230646	19.953	ng/ul	98
17) Hexachloroethane	8.73	117	84893	18.000	ng/ul#	75
20) Nitrobenzene	8.87	77	273786	18.981	ng/ul	96
21) Isophorone	9.39	82	480787	18.942	ng/ul	95
23) 2-Nitrophenol	9.57	139	129567	20.393	ng/ul#	77
24) 2,4-Dimethylphenol	9.64	107	268212	19.356	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.87	93	295275	19.878	ng/ul	93
27) 2,4-Dichlorophenol	10.10	162	229383	19.664	ng/ul#	89
28) Naphthalene	10.50	128	734698	19.777	ng/ul	99
30) 4-Chloroaniline	10.62	127	270970	24.114	ng/ul	97
31) Hexachlorobutadiene	10.78	225	148312	17.552	ng/ul#	89
32) Caprolactam	11.39	113	58324	15.644	ng/ul#	39
33) 4-Chloro-3-methylphenol	11.75	107	243259	19.010	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	544684	19.505	ng/ul	93

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	307725	18.969	ng/ul#	96
37) Hexachlorocyclopentadiene	12.46	237	161038	15.082	ng/ul	97
38) 2,4,6-Trichlorophenol	12.74	196	196160	19.396	ng/ul	96
39) 2,4,5-Trichlorophenol	12.82	196	210416	19.586	ng/ul	96
40) 1,1'-Biphenyl	13.15	154	721674	18.993	ng/ul	100
41) 2-Chloronaphthalene	13.18	162	574911	19.286	ng/ul	99
42) 2-Nitroaniline	13.40	65	170596	19.533	ng/ul	88
44) Dimethylphthalate	13.78	163	717221	18.744	ng/ul	98
45) 2,6-Dinitrotoluene	13.90	165	151099	19.361	ng/ul	94
47) Acenaphthylene	14.03	152	888455	19.446	ng/ul	97
48) 3-Nitroaniline	14.23	138	148999	21.360	ng/ul	88
49) Acenaphthene	14.38	153	588418	18.906	ng/ul	98
50) 2,4-Dinitrophenol	14.45	184	87983	20.373	ng/ul	87
52) 4-Nitrophenol	14.55	109	112544	16.504	ng/ul#	78
53) Dibenzofuran	14.72	168	865729	18.842	ng/ul	99
54) 2,4-Dinitrotoluene	14.70	165	217161	19.129	ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	14.95	232	187110	18.996	ng/ul	94
56) Diethylphthalate	15.15	149	705311	18.378	ng/ul	94
58) Fluorene	15.37	166	703593	18.511	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.36	204	376435	18.247	ng/ul	95
60) 4-Nitroaniline	15.40	138	162372	19.729	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.46	198	115365	17.597	ng/ul#	94
64) N-Nitrosodiphenylamine	15.58	169	614436	20.000	ng/ul	97
65) 4-Bromophenyl-phenylether	16.26	248	241385	19.689	ng/ul	95
66) Hexachlorobenzene	16.37	284	250497	18.528	ng/ul#	90
67) Atrazine	16.54	200	218250	19.247	ng/ul	97
68) Pentachlorophenol	16.72	266	131894	16.867	ng/ul	96
69) Phenanthrene	17.11	178	1161917	19.611	ng/ul	98
71) Anthracene	17.20	178	1184568	19.560	ng/ul	99
72) Carbazole	17.47	167	1016790	19.519	ng/ul	100
73) Di-n-butylphthalate	18.04	149	1137873	18.711	ng/ul	98
74) Fluoranthene	19.13	202	1348085	18.567	ng/ul#	91
77) Pyrene	19.49	202	1356979	22.180	ng/ul#	92
78) Butylbenzylphthalate	20.40	149	504686	21.113	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.18	252	351292	16.595	ng/ul#	98
80) Benzo(a)anthracene	21.24	228	1241113	19.425	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.18	149	663899	18.426	ng/ul	99
82) Chrysene	21.30	228	1135960	19.164	ng/ul	99
84) Di-n-octyl phthalate	22.05	149	1140187	19.756	ng/ul	99
85) Benzo(b)fluoranthene	22.82	252	1086632	19.861	ng/ul#	98
86) Benzo(k)fluoranthene	22.86	252	988731	19.203	ng/ul#	98
88) Benzo(a)pyrene	23.39	252	969830	19.733	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.71	276	1015138	20.817	ng/ul#	93
90) Dibenzo(a,h)anthracene	25.72	278	873680	21.040	ng/ul#	97
91) Benzo(g,h,i)perylene	26.39	276	778546	20.240	ng/ul#	94

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

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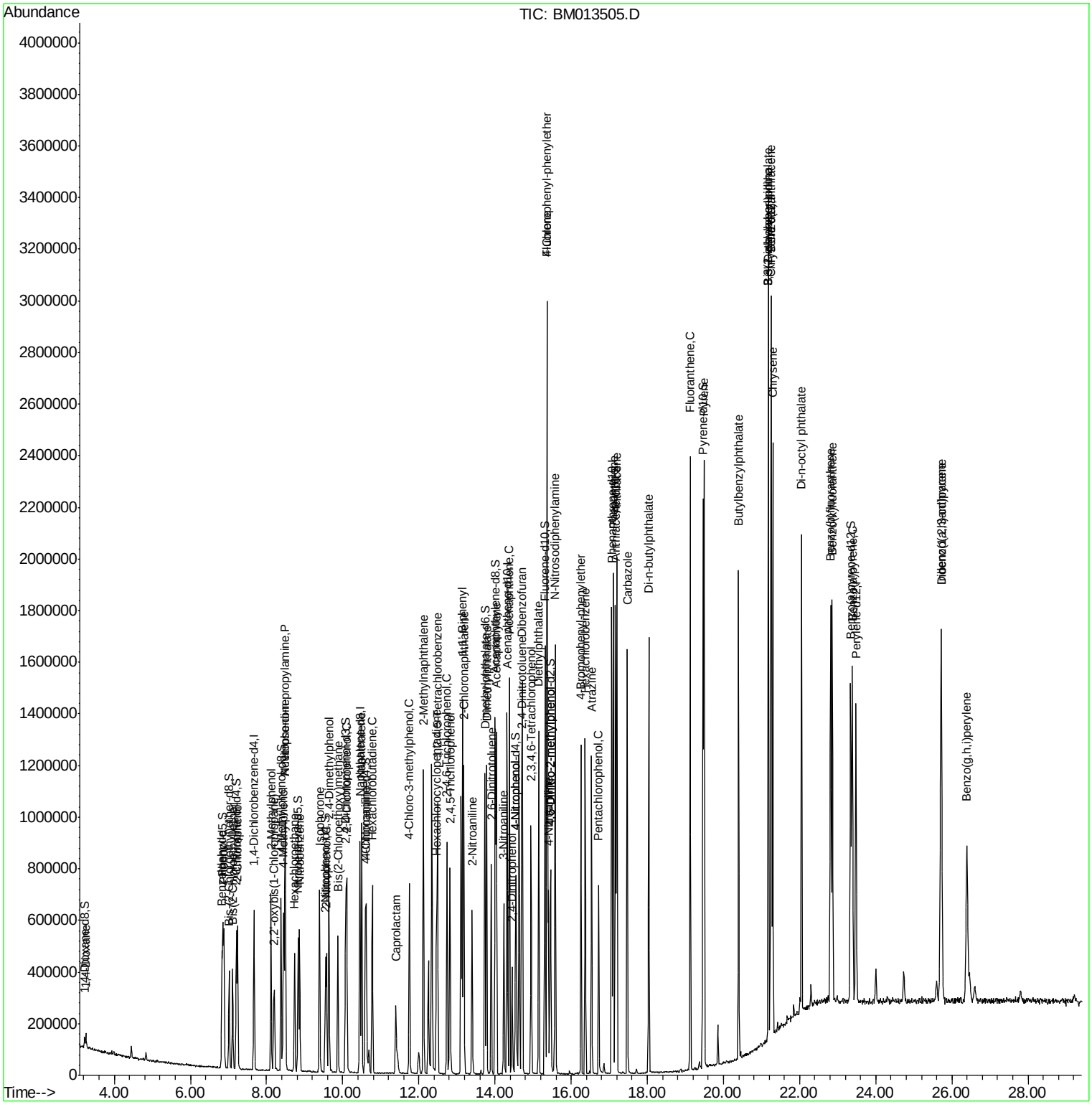
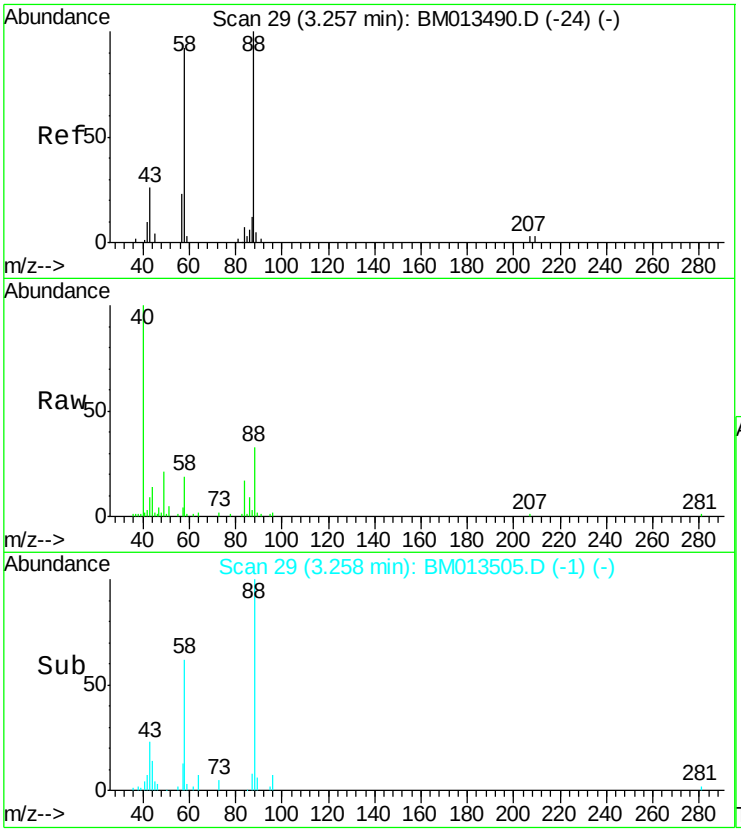


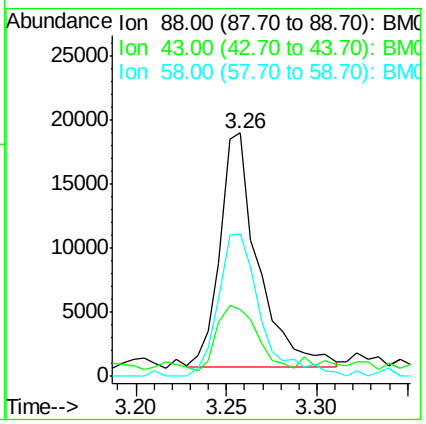


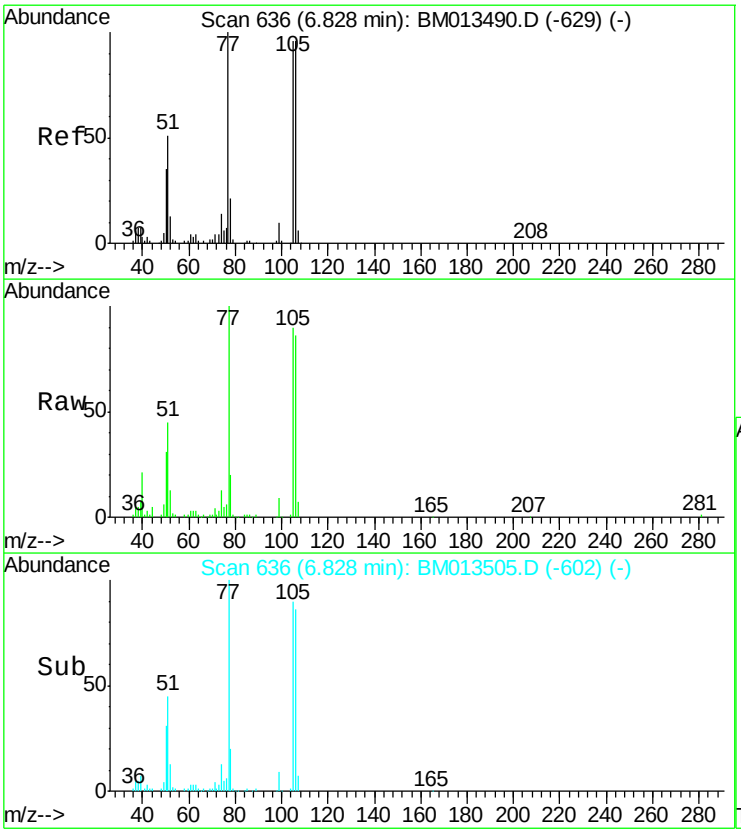
#2
1,4-Dioxane
Concen: 7.286 ng/uL
RT: 3.26 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 26989

Ion	Ratio	Lower	Upper
88	100		
43	29.2	48.0	72.0#
58	66.4	80.0	120.0#

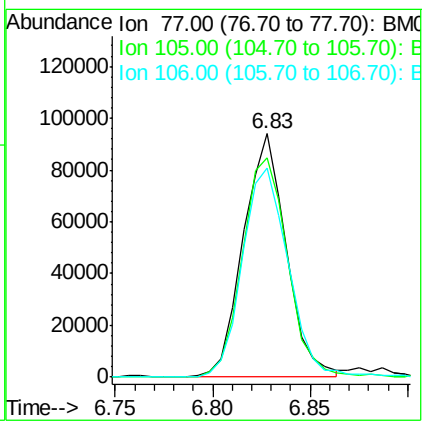


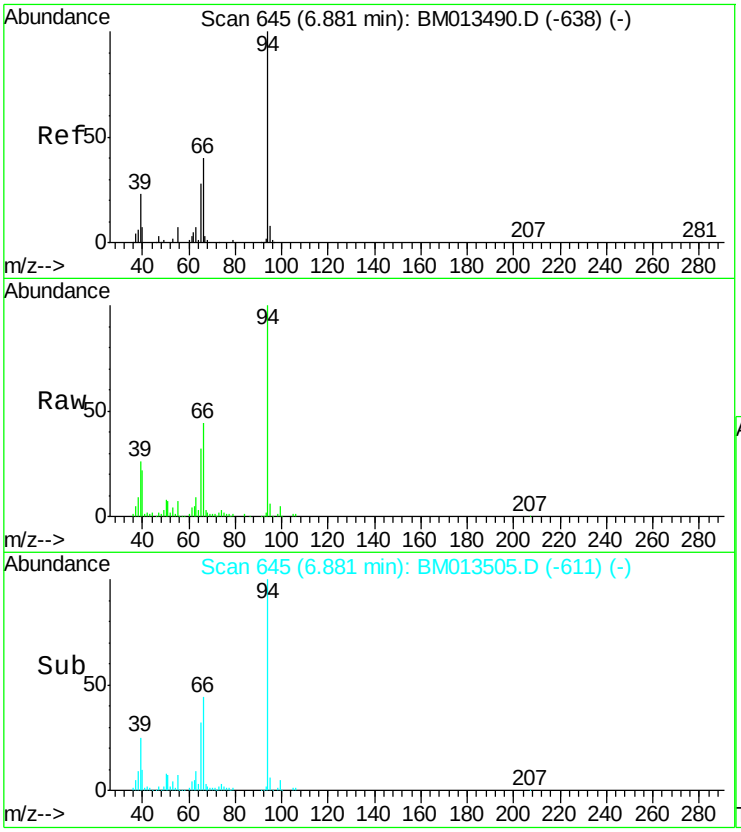


#4
Benzaldehyde
Concen: 20.428 ng/ul
RT: 6.83 min Scan# 636
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Tgt Ion: 77 Resp: 142906

Ion	Ratio	Lower	Upper
77	100		
105	90.3	66.1	99.1
106	85.9	67.8	101.6



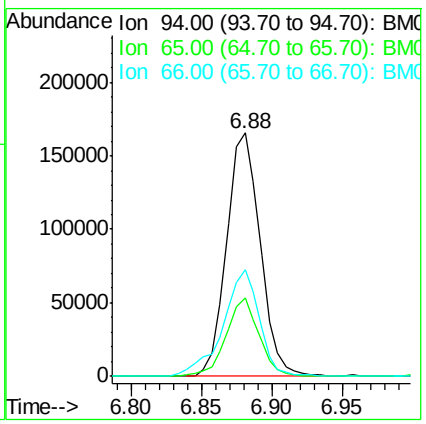


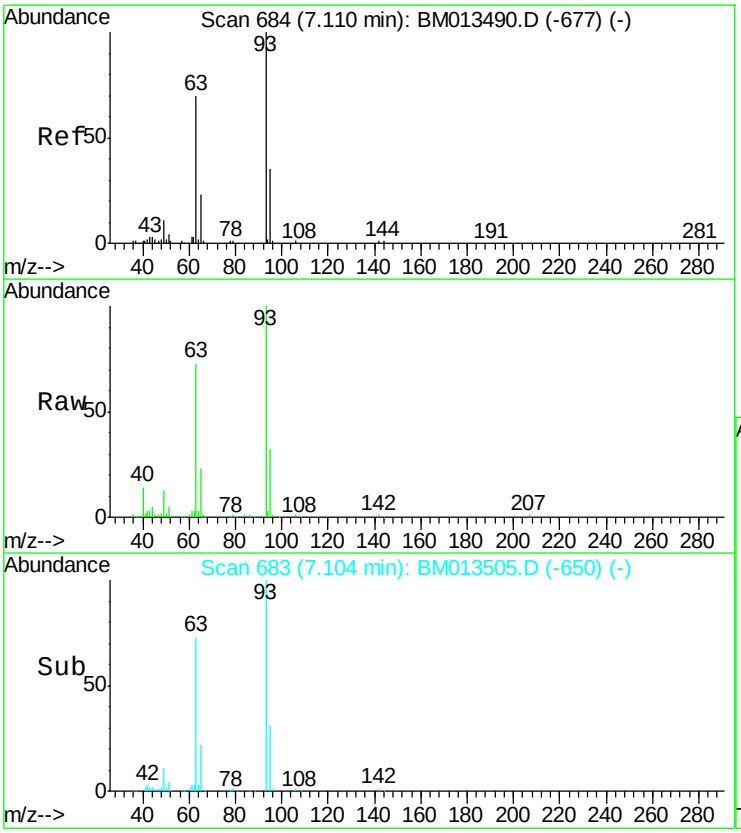
#6
Phenol
Concen: 19.653 ng/ul
RT: 6.88 min Scan# 645
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 274666

Ion	Ratio	Lower	Upper
94	100		
65	32.0	28.2	42.4
66	43.6	47.2	70.8#

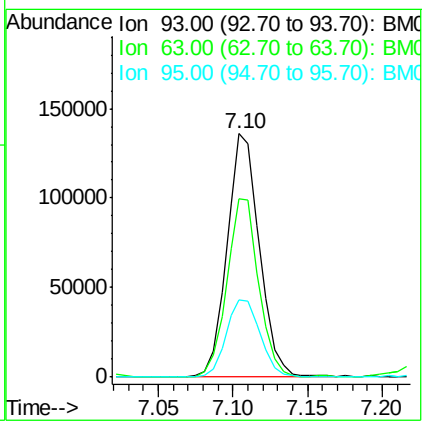


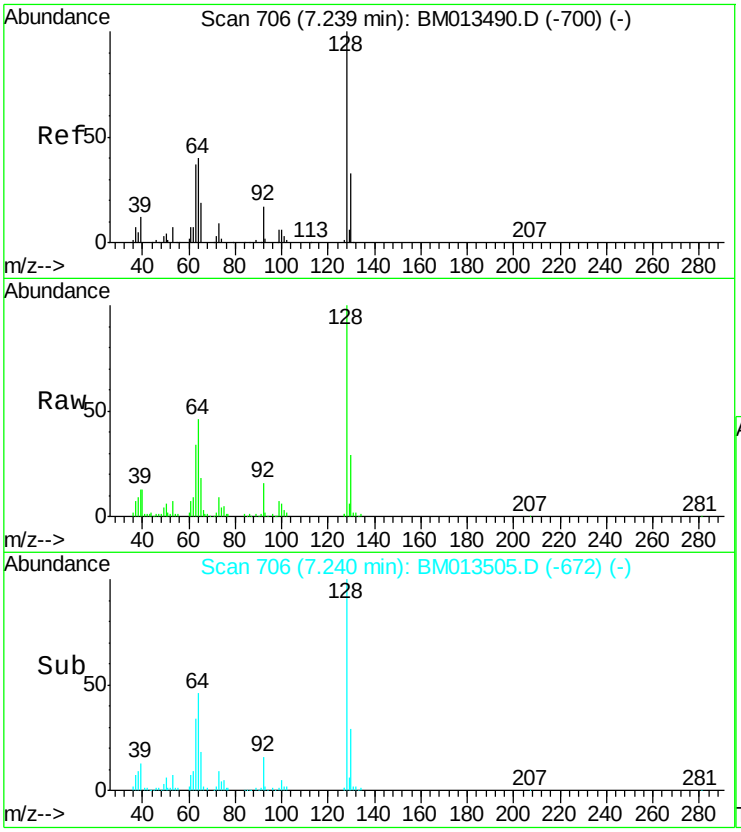


#8
Bis(2-Chloroethyl)ether
Concen: 19.304 ng/ul
RT: 7.10 min Scan# 683
Delta R.T. -0.01 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Tgt Ion: 93 Resp: 206288

Ion	Ratio	Lower	Upper
93	100		
63	73.1	57.3	85.9
95	31.5	26.6	39.8



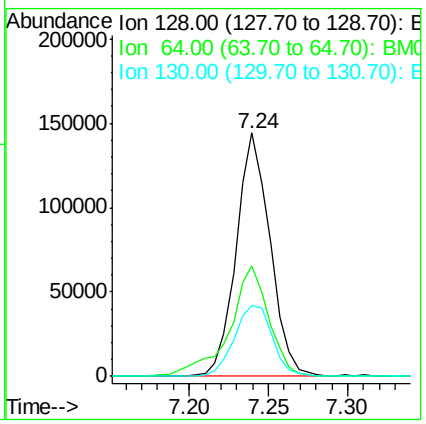


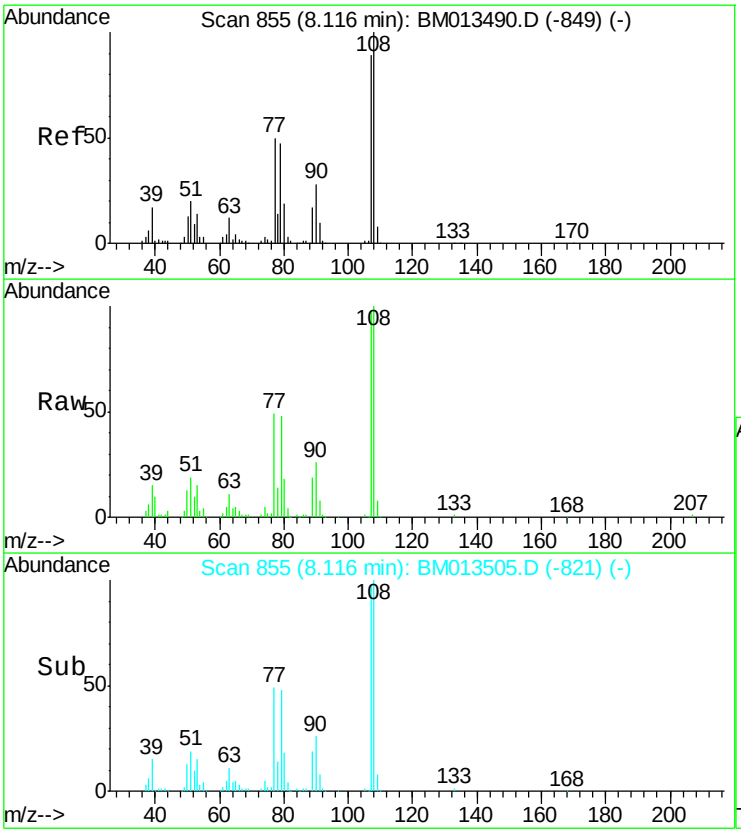
#10
2-Chlorophenol
Concen: 19.725 ng/ul
RT: 7.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 213677

Ion	Ratio	Lower	Upper
128	100		
64	45.5	38.0	57.0
130	29.0	24.4	36.6

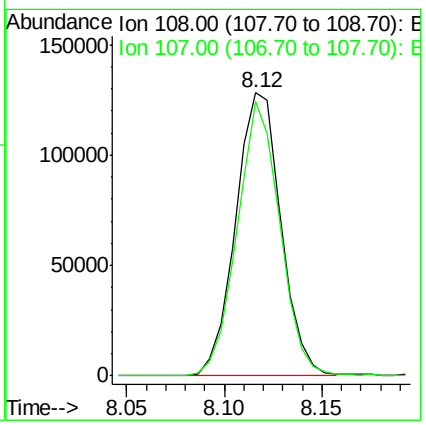


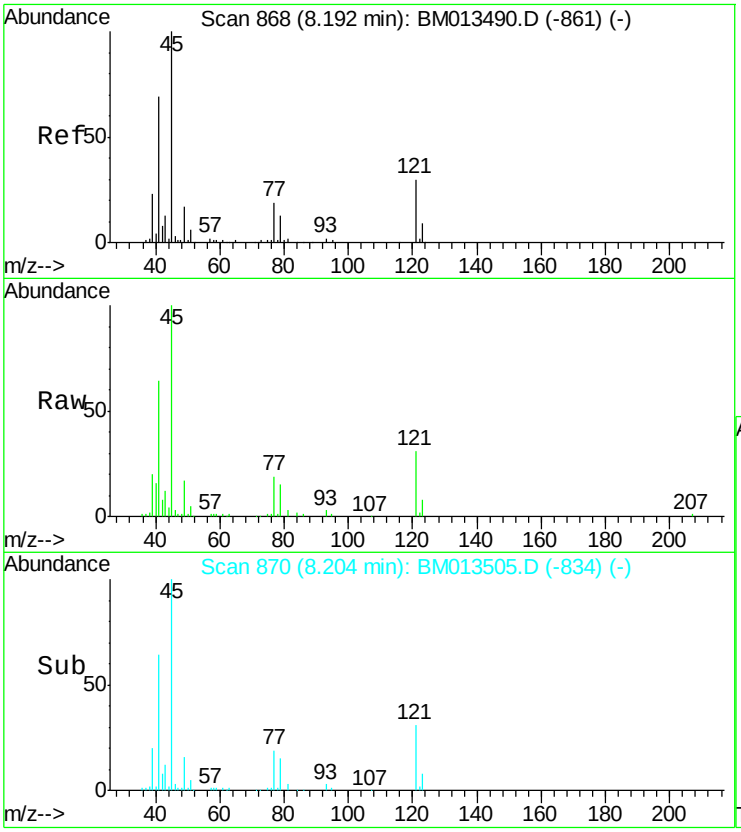


#11
2-Methylphenol
Concen: 19.054 ng/ul
RT: 8.12 min Scan# 855
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Tgt Ion:108 Resp: 205963

Ion	Ratio	Lower	Upper
108	100		
107	97.1	72.6	108.8



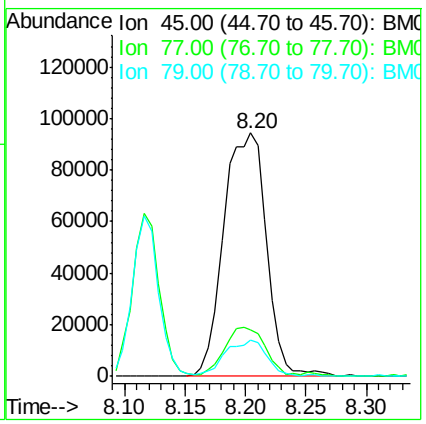


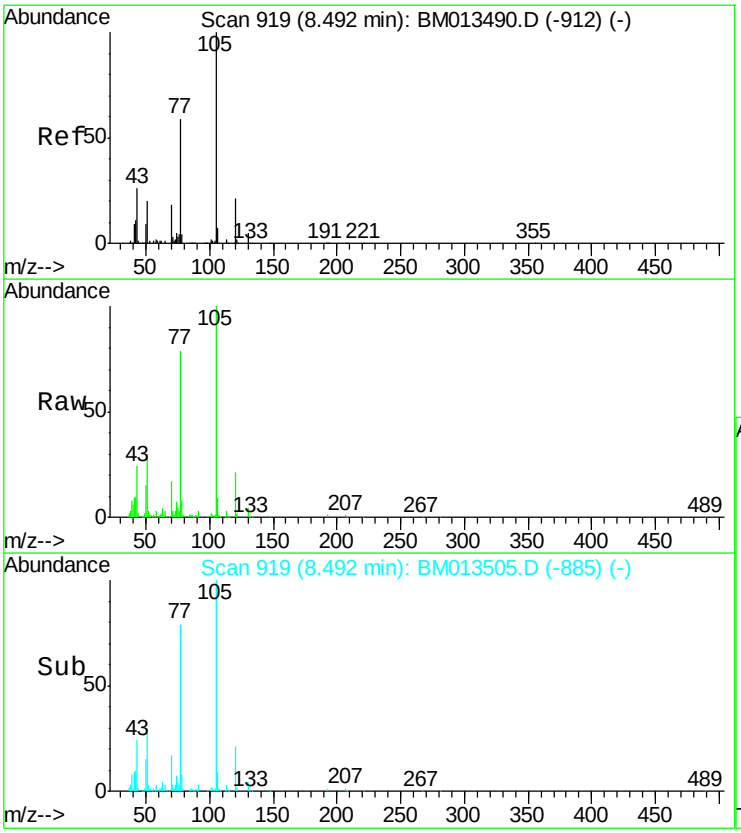
#12
2,2'-oxybis(1-Chloropropane)
Concen: 20.635 ng/ul
RT: 8.20 min Scan# 870
Delta R.T. 0.01 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 45 Resp: 231533

Ion	Ratio	Lower	Upper
45	100		
77	19.3	8.0	12.0#
79	15.1	8.0	12.0#

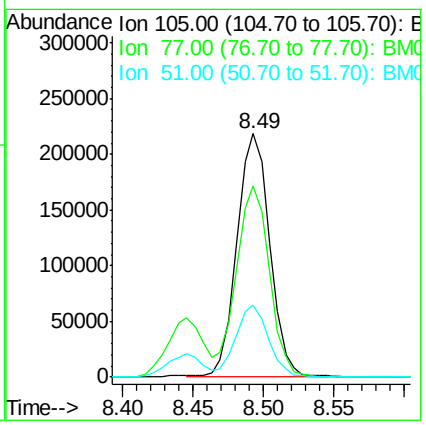


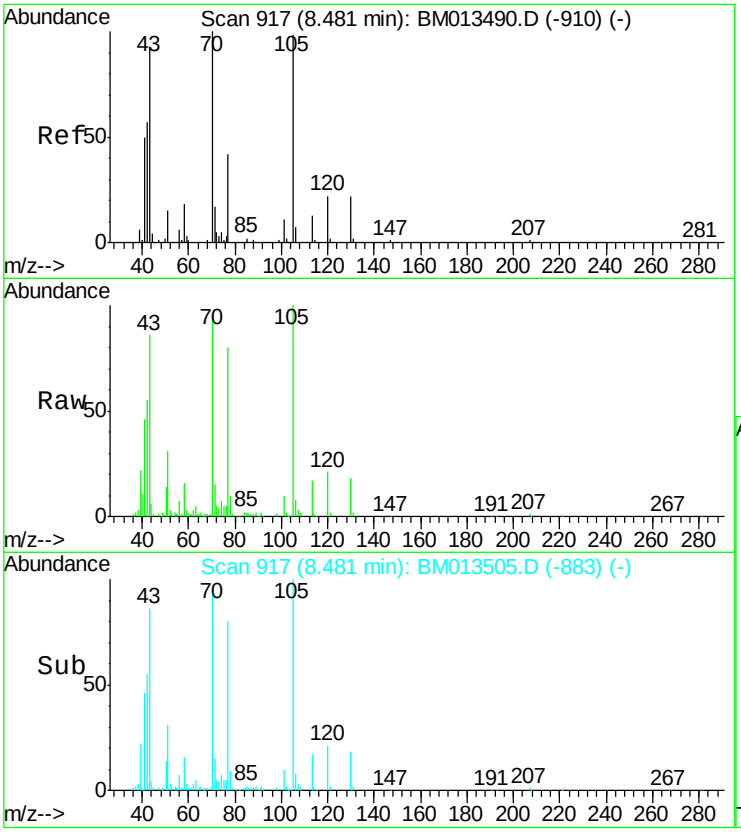


#14
Acetophenone
Concen: 19.304 ng/ul
RT: 8.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Tgt Ion:105 Resp: 354575

Ion	Ratio	Lower	Upper
105	100		
77	78.6	74.2	111.4
51	29.8	23.4	35.2



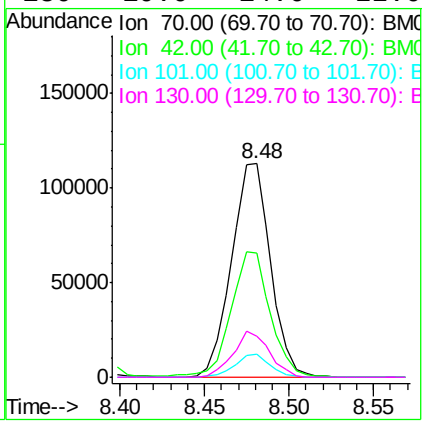


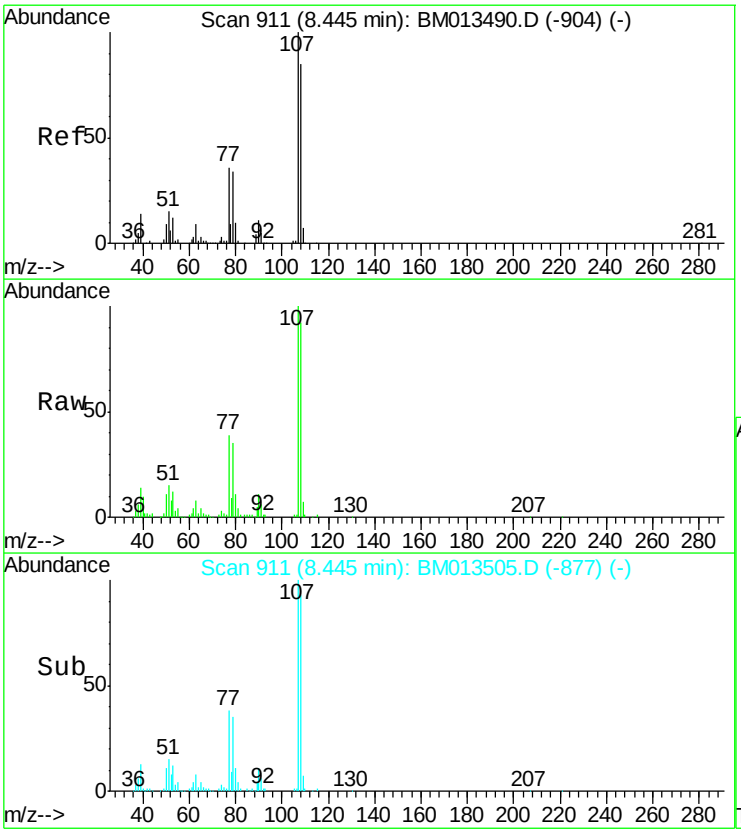
#15
N-Nitroso-di-n-propylamine
Concen: 19.617 ng/ul
RT: 8.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 70 Resp: 181498

Ion	Ratio	Lower	Upper
70	100		
42	57.9	76.0	114.0#
101	10.6	6.7	10.1#
130	19.0	14.6	22.0

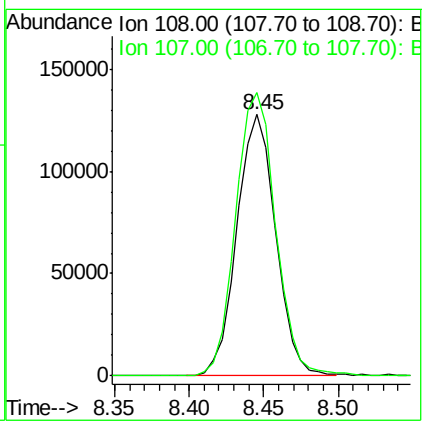


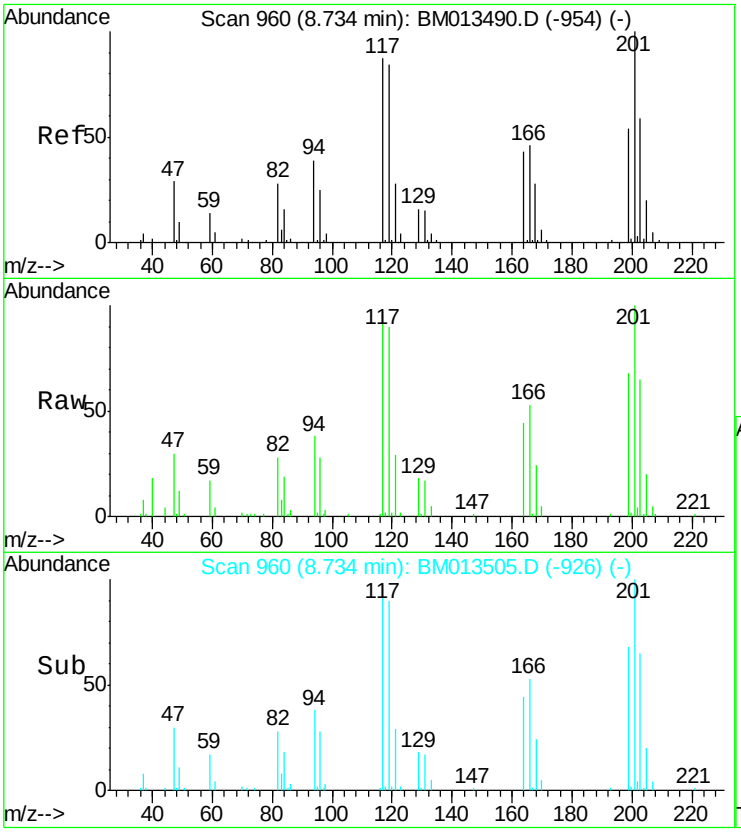


#16
4-Methylphenol
Concen: 19.953 ng/ul
RT: 8.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Tgt Ion:108 Resp: 230646

Ion	Ratio	Lower	Upper
108	100		
107	108.2	84.9	127.3



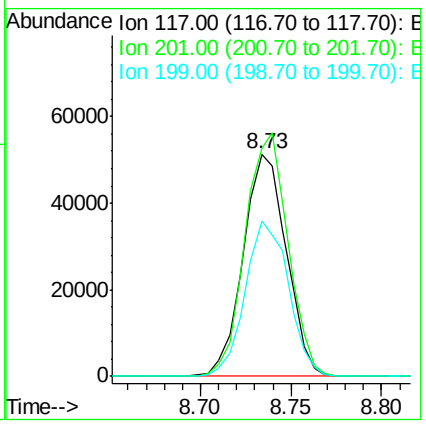


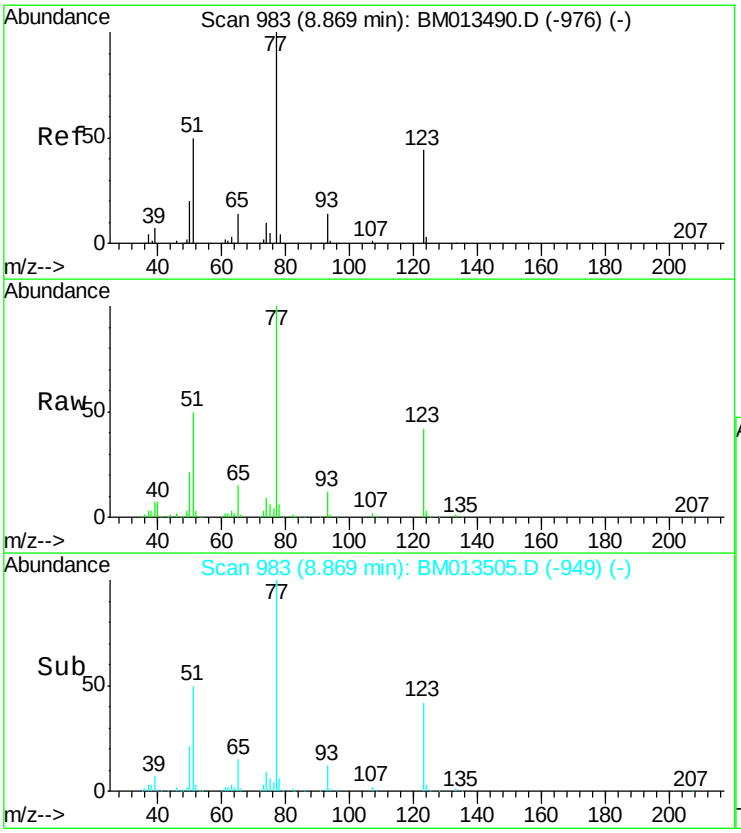
#17
Hexachloroethane
Concen: 18.000 ng/ul
RT: 8.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 84893

Ion	Ratio	Lower	Upper
117	100		
201	103.0	111.6	167.4#
199	69.7	67.8	101.6

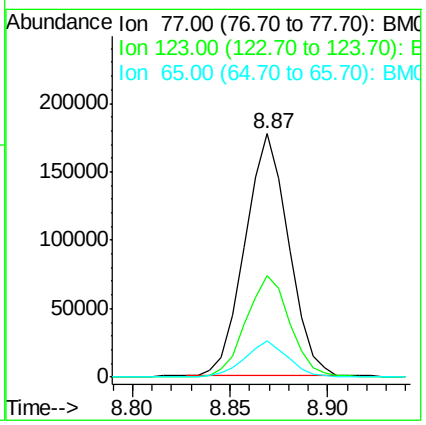


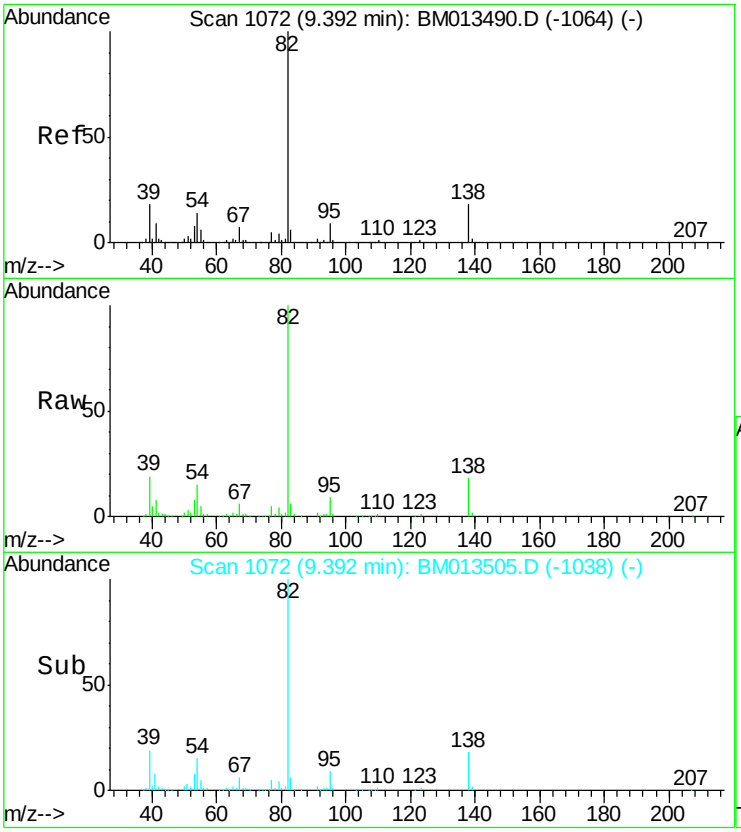


#20
Nitrobenzene
Concen: 18.981 ng/ul
RT: 8.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Tgt Ion: 77 Resp: 273786

Ion	Ratio	Lower	Upper
77	100		
123	41.9	31.0	46.6
65	14.7	12.2	18.2



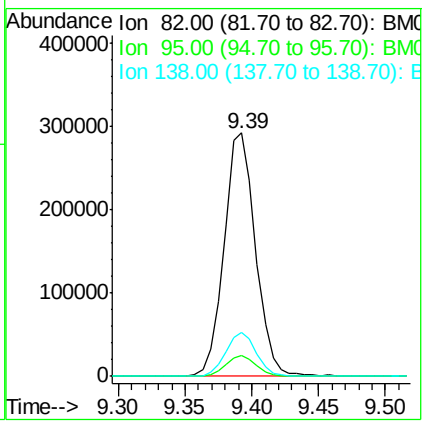


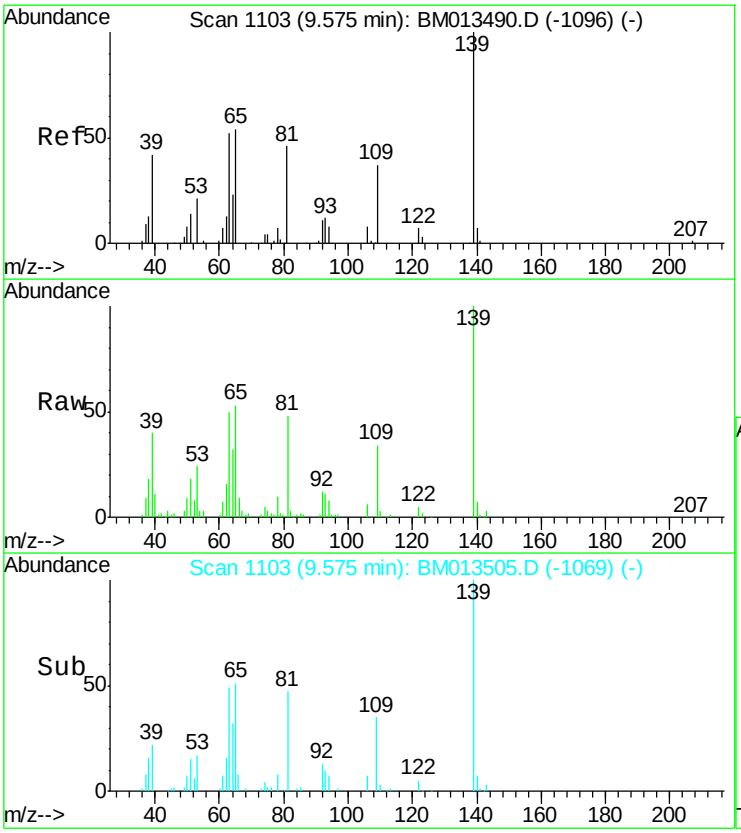
#21
Isophorone
Concen: 18.942 ng/ul
RT: 9.39 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 480787

Ion	Ratio	Lower	Upper
82	100		
95	8.8	7.8	11.8
138	17.8	11.9	17.9

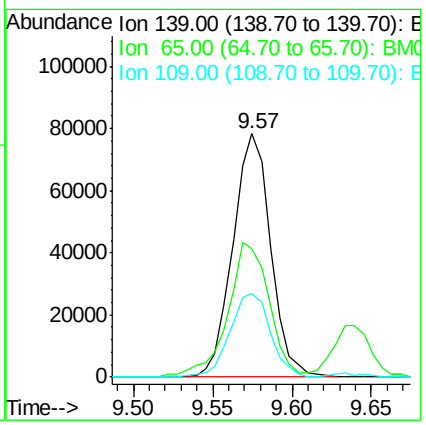


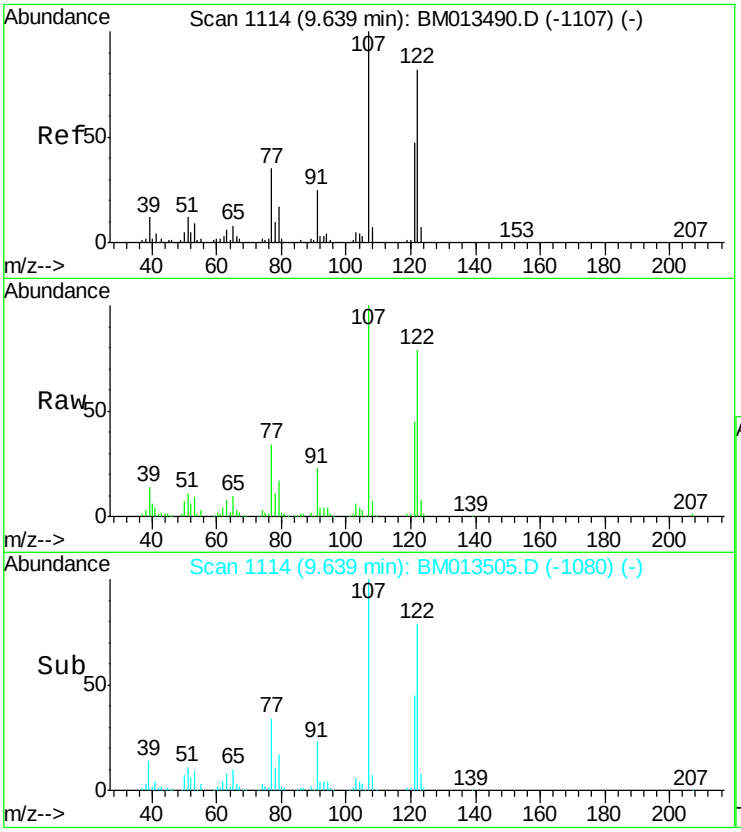


#23
2-Nitrophenol
Concen: 20.393 ng/ul
RT: 9.57 min Scan# 1103
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Tgt Ion:139 Resp: 129567

Ion	Ratio	Lower	Upper
139	100		
65	52.8	55.4	83.0#
109	34.3	42.2	63.2#



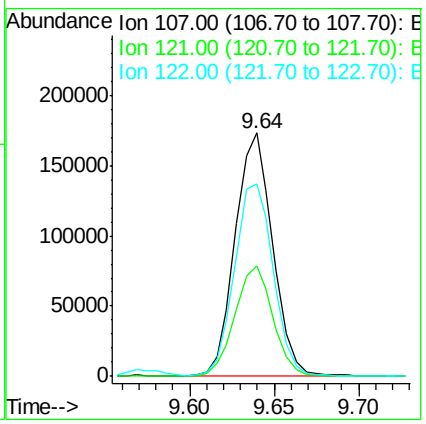


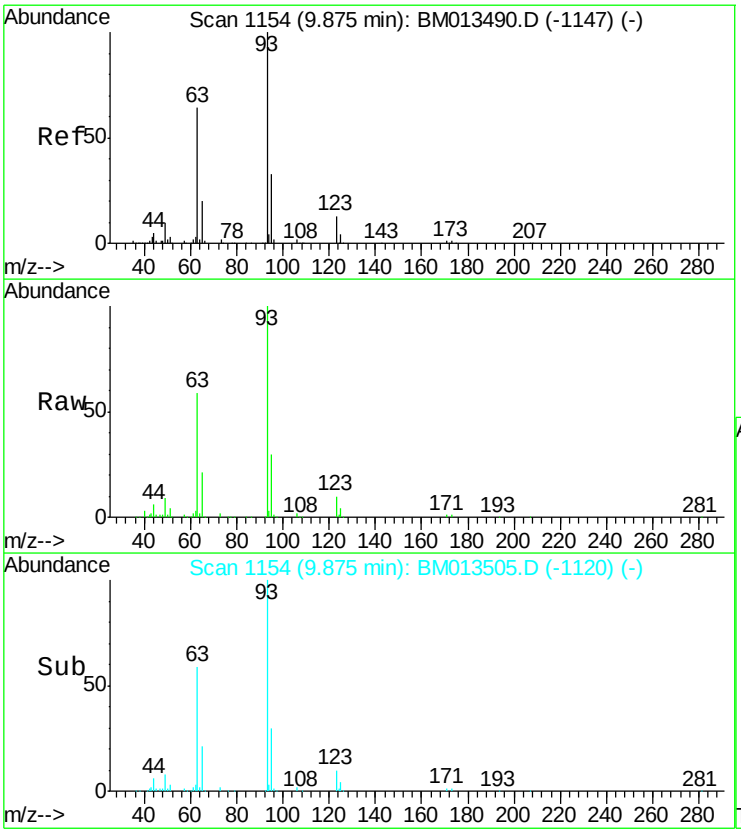
#24
2,4-Dimethylphenol
Concen: 19.356 ng/ul
RT: 9.64 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 268212

Ion	Ratio	Lower	Upper
107	100		
121	45.2	31.9	47.9
122	79.1	57.8	86.6

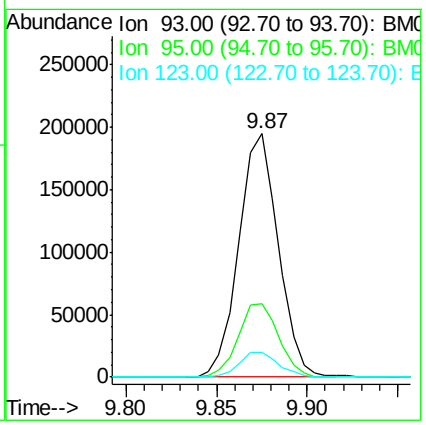


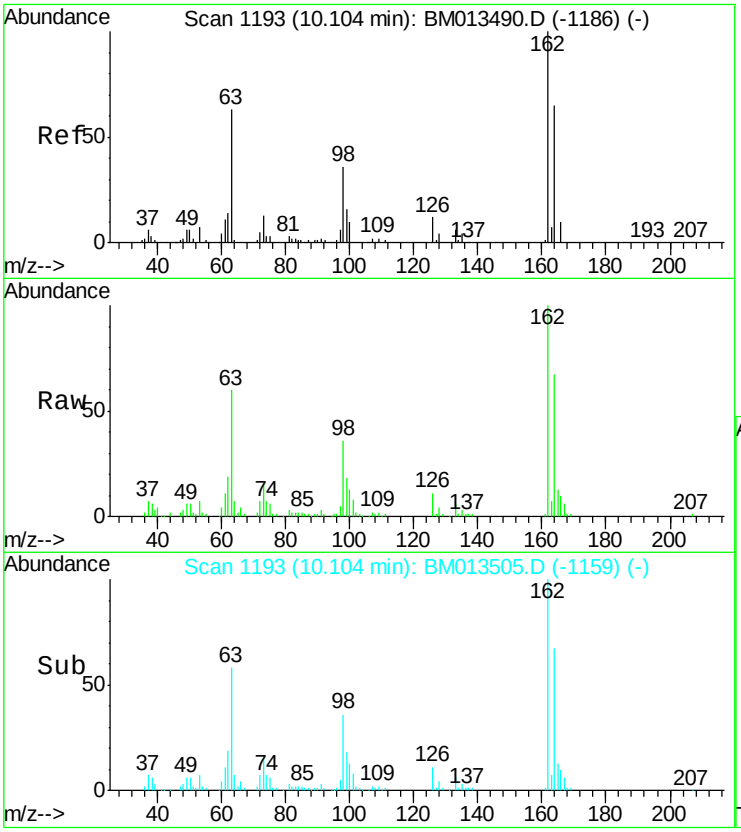


#25
Bis(2-Chloroethoxy)methane
Concen: 19.878 ng/ul
RT: 9.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Tgt Ion: 93 Resp: 295275

Ion	Ratio	Lower	Upper
93	100		
95	30.4	28.5	42.7
123	10.3	8.9	13.3



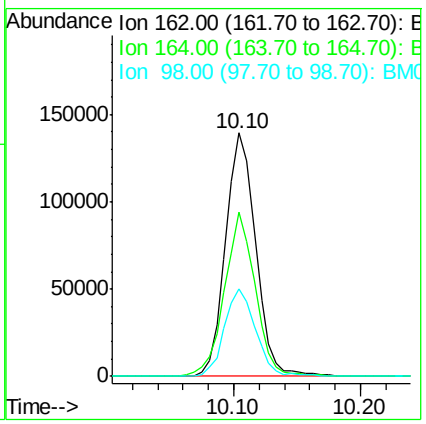


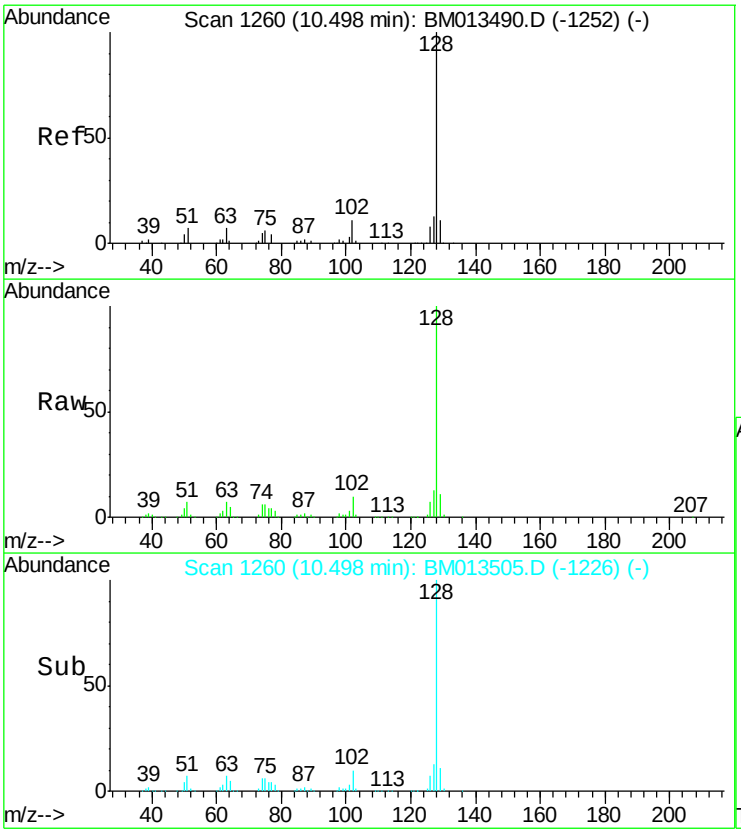
#27
2,4-Dichlorophenol
Concen: 19.664 ng/ul
RT: 10.10 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:162 Resp: 229383

Ion	Ratio	Lower	Upper
162	100		
164	67.3	47.8	71.6
98	35.9	23.0	34.4#

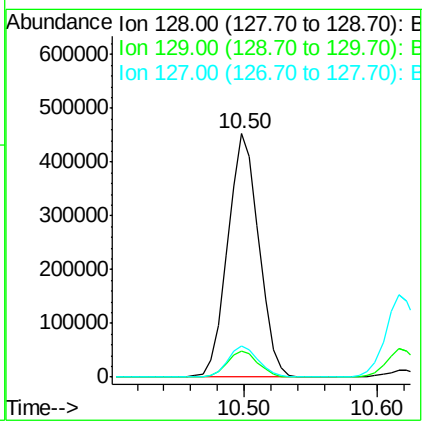


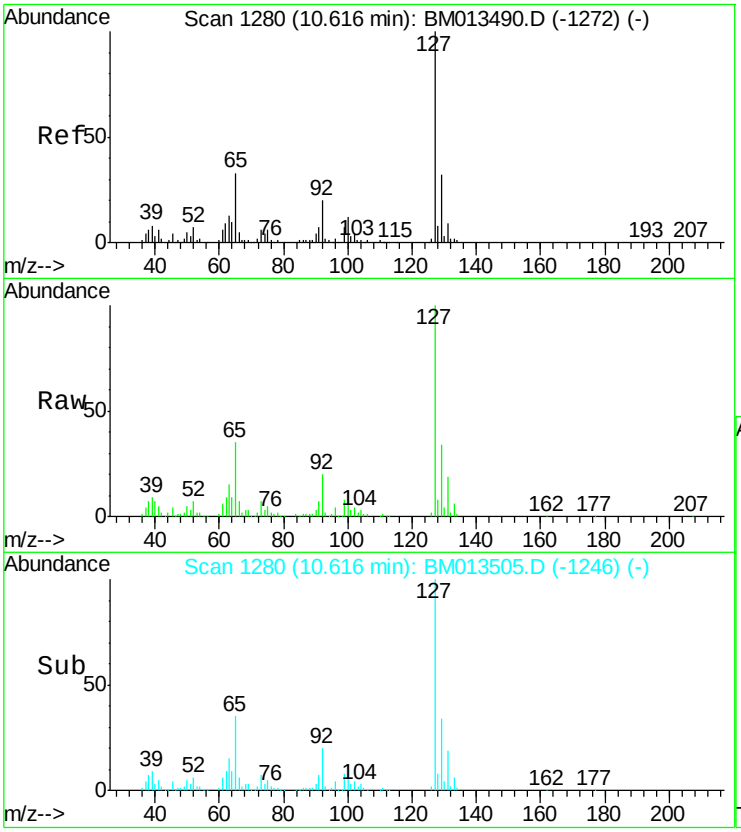


#28
Naphthalene
Concen: 19.777 ng/ul
RT: 10.50 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Tgt Ion:128 Resp: 734698

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.9	10.6	16.0



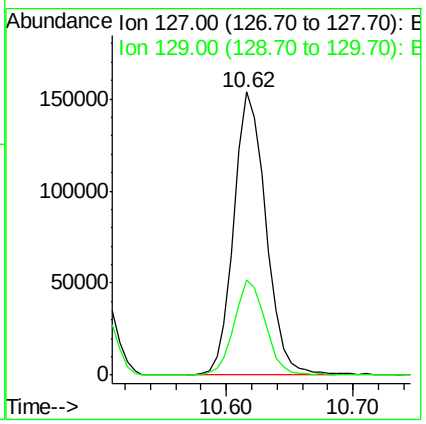


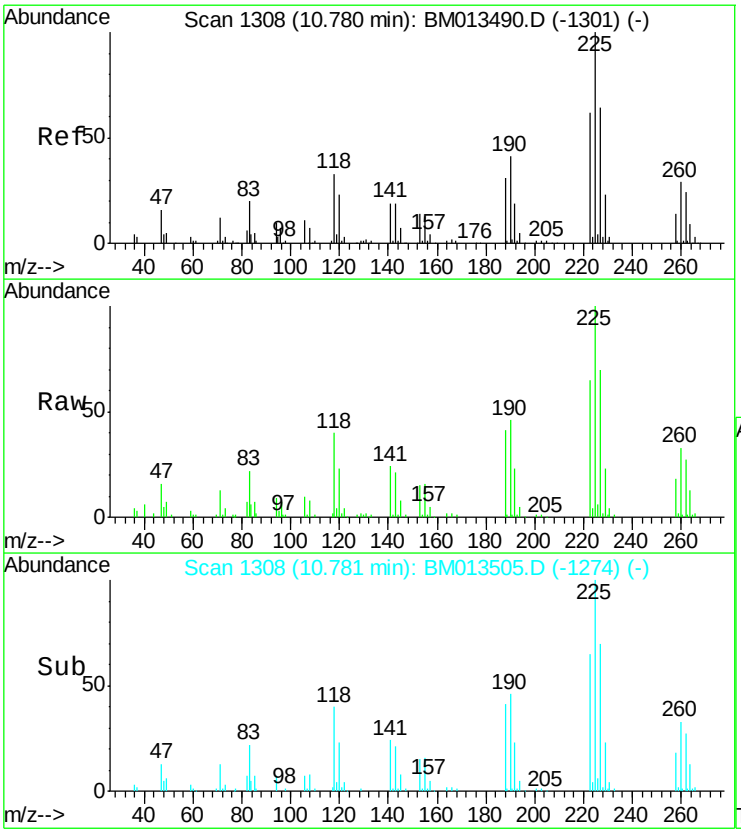
#30
4-Chloroaniline
Concen: 24.114 ng/ul
RT: 10.62 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp: 270970

Ion	Ratio	Lower	Upper
127	100		
129	33.9	28.4	42.6

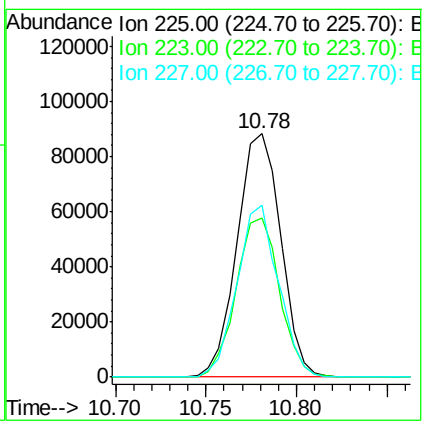


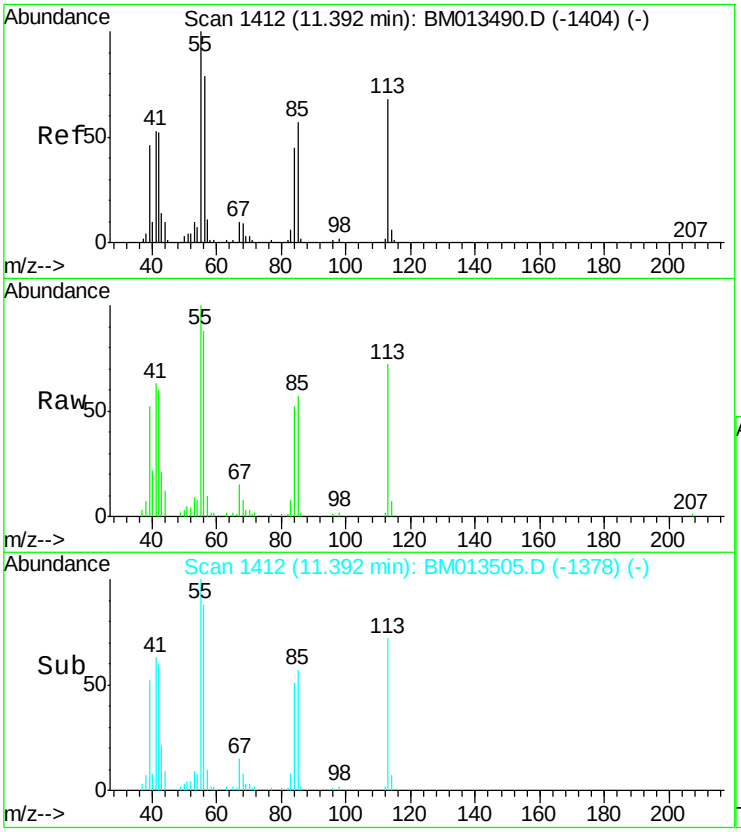


#31
Hexachlorobutadiene
Concen: 17.552 ng/ul
RT: 10.78 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Tgt Ion:225 Resp: 148312

Ion	Ratio	Lower	Upper
225	100		
223	65.3	49.4	74.2
227	70.5	45.4	68.2#



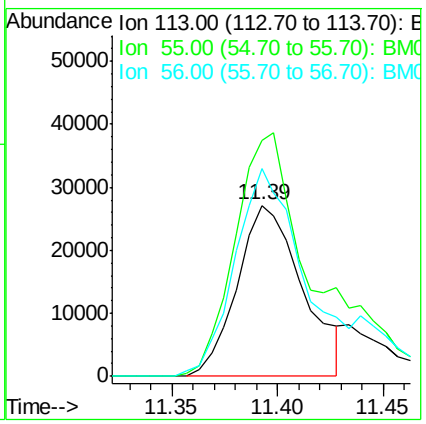


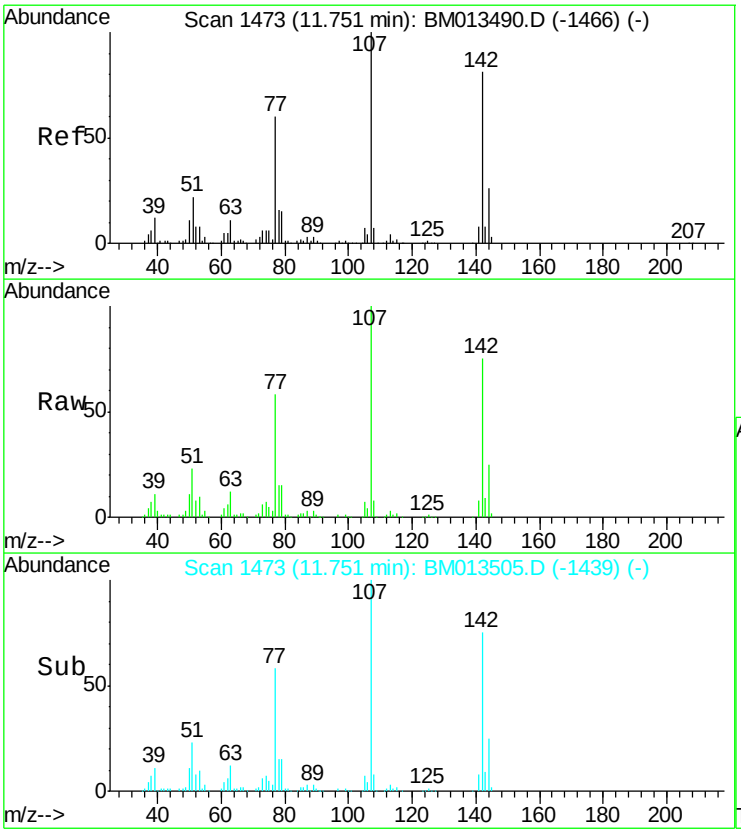
#32
Caprolactam
Concen: 15.644 ng/ul
RT: 11.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:113 Resp: 58324

Ion	Ratio	Lower	Upper
113	100		
55	138.4	208.0	312.0#
56	122.0	160.0	240.0#

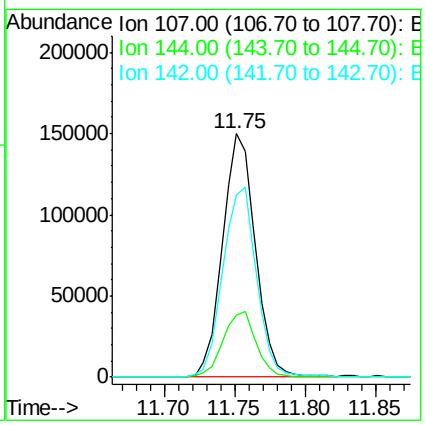


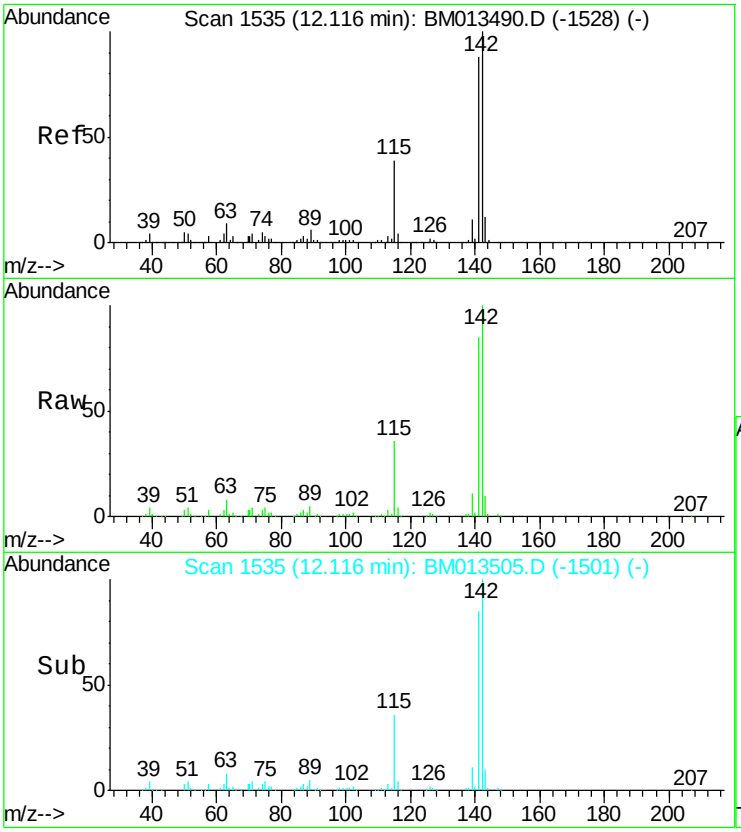


#33
4-Chloro-3-methylphenol
Concen: 19.010 ng/ul
RT: 11.75 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Tgt Ion:107 Resp: 243259

Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.4	30.6
142	74.6	60.5	90.7



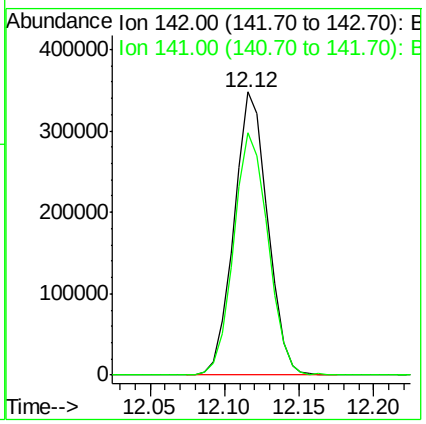


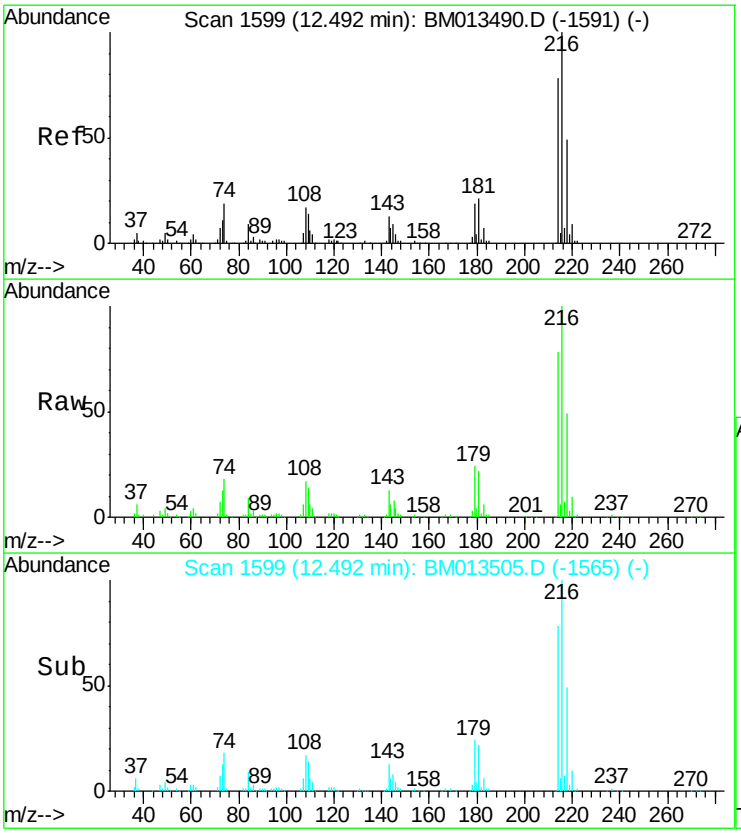
#34
2-Methylnaphthalene
Concen: 19.505 ng/ul
RT: 12.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 544684

Ion	Ratio	Lower	Upper
142	100		
141	85.5	74.1	111.1

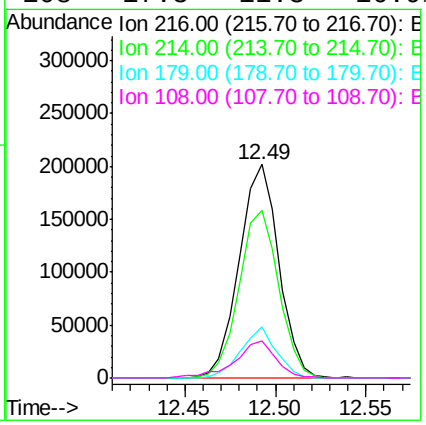


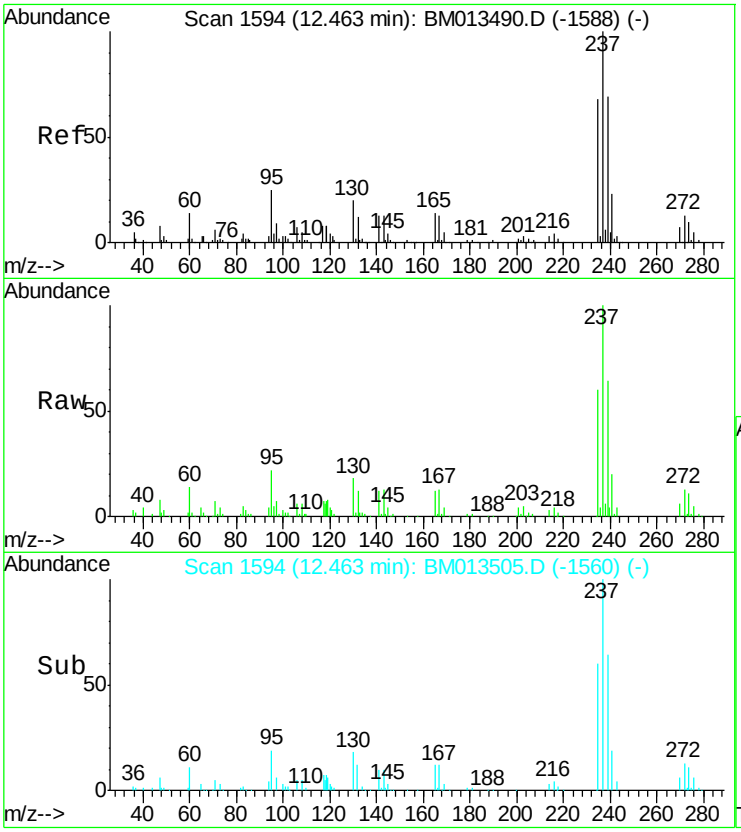


#36
1,2,4,5-Tetrachlorobenzene
Concen: 18.969 ng/ul
RT: 12.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Tgt Ion:216 Resp: 307725

Ion	Ratio	Lower	Upper
216	100		
214	78.5	60.6	90.8
179	24.0	17.5	26.3
108	17.3	11.3	16.9#



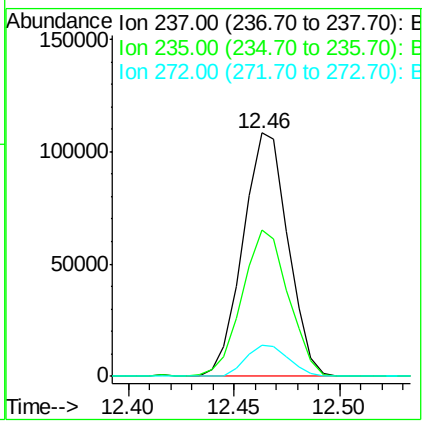


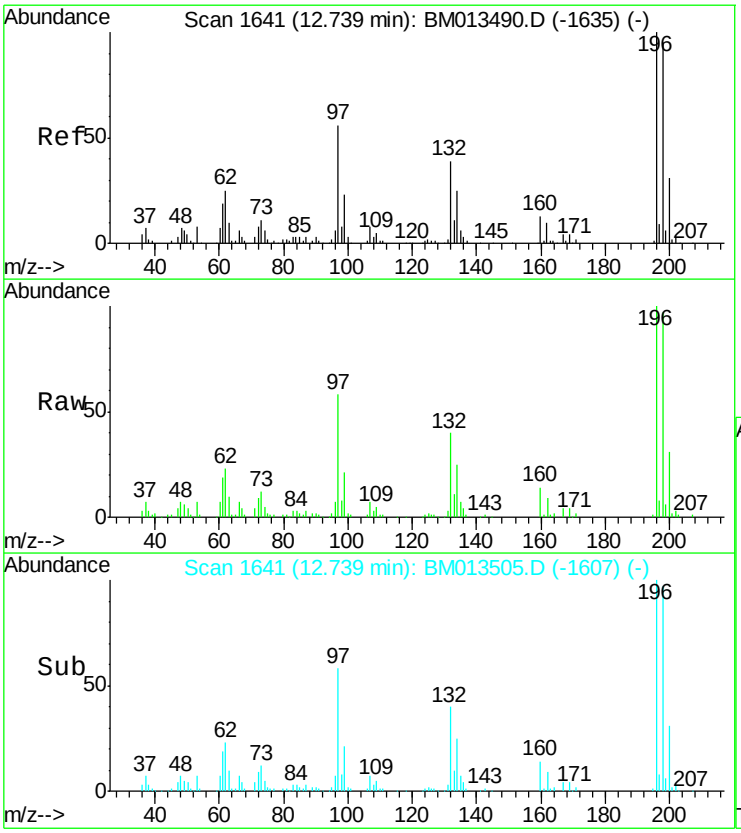
#37
Hexachlorocyclopentadiene
Concen: 15.082 ng/ul
RT: 12.46 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:237 Resp: 161038

Ion	Ratio	Lower	Upper
237	100		
235	60.1	50.2	75.4
272	12.6	11.0	16.6

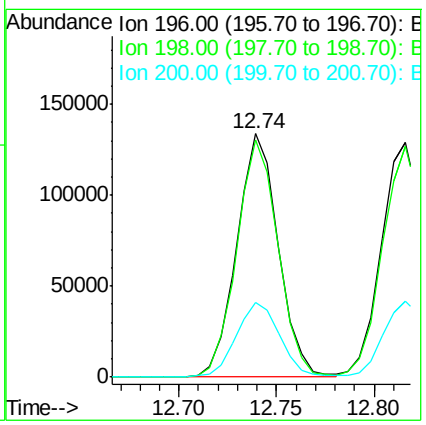


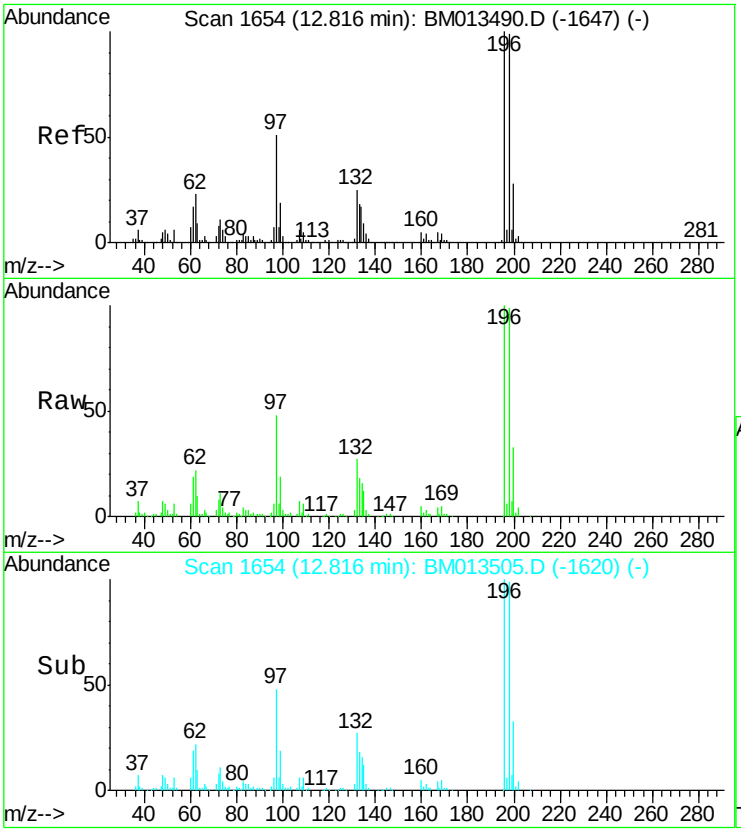


#38
2,4,6-Trichlorophenol
Concen: 19.396 ng/ul
RT: 12.74 min Scan# 1641
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Tgt Ion:196 Resp: 196160

Ion	Ratio	Lower	Upper
196	100		
198	97.2	74.1	111.1
200	30.5	25.2	37.8



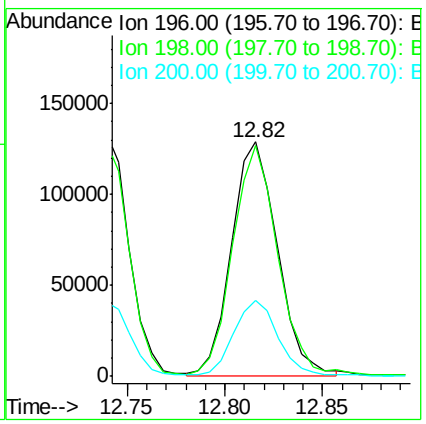


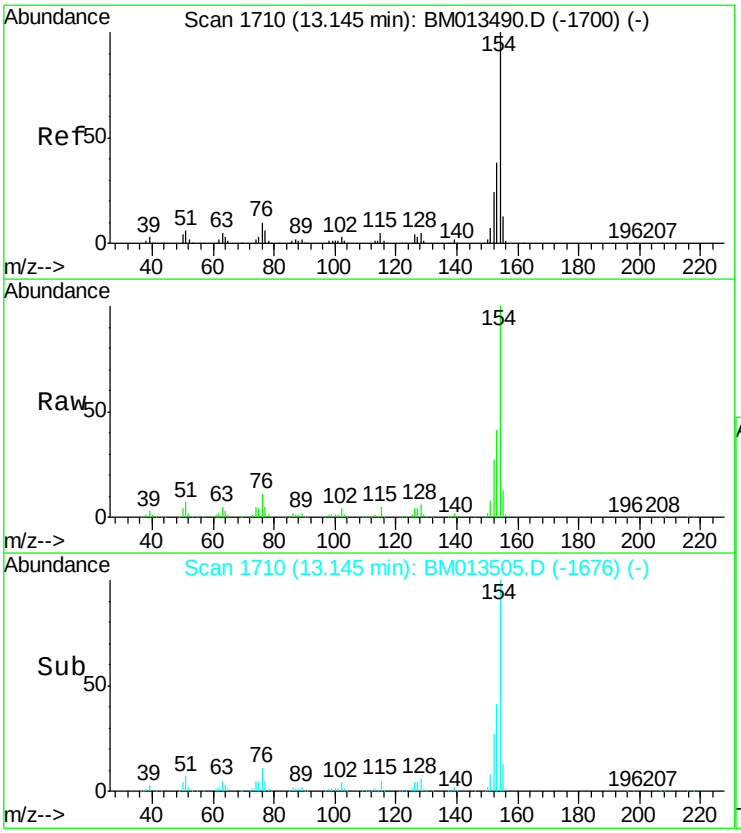
#39
2,4,5-Trichlorophenol
Concen: 19.586 ng/ul
RT: 12.82 min Scan# 1654
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:196 Resp: 210416

Ion	Ratio	Lower	Upper
196	100		
198	98.7	75.6	113.4
200	32.7	25.5	38.3

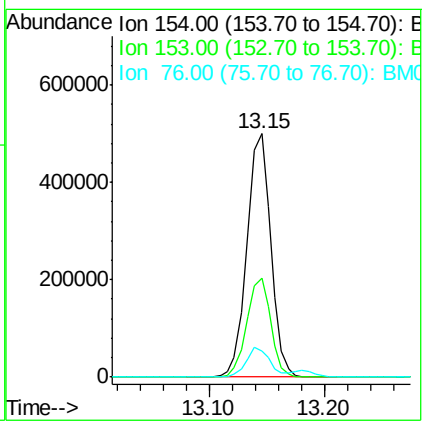


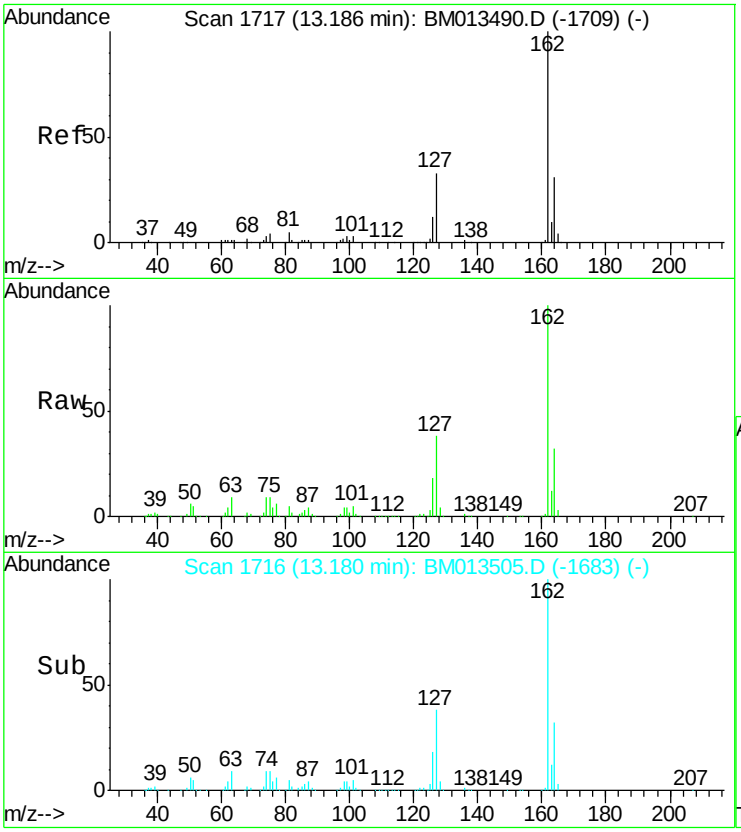


#40
1,1'-Biphenyl
Concen: 18.993 ng/ul
RT: 13.15 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Tgt Ion:154 Resp: 721674

Ion	Ratio	Lower	Upper
154	100		
153	40.7	32.6	48.8
76	10.8	8.5	12.7



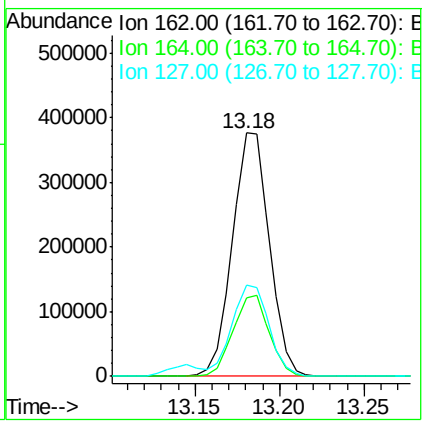


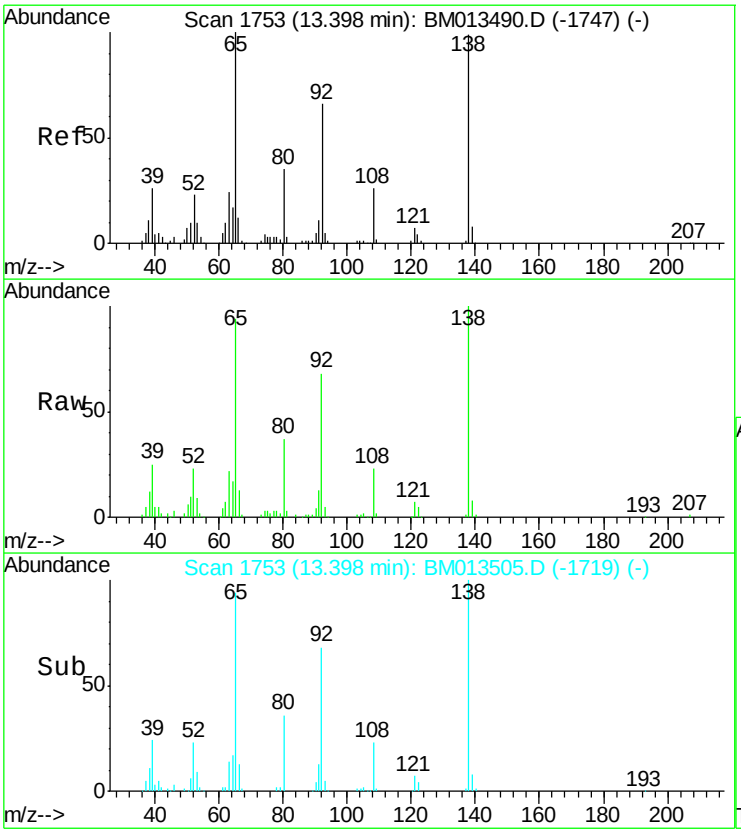
#41
2-Chloronaphthalene
Concen: 19.286 ng/ul
RT: 13.18 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:162 Resp: 574911

Ion	Ratio	Lower	Upper
162	100		
164	32.0	25.9	38.9
127	37.6	29.4	44.2

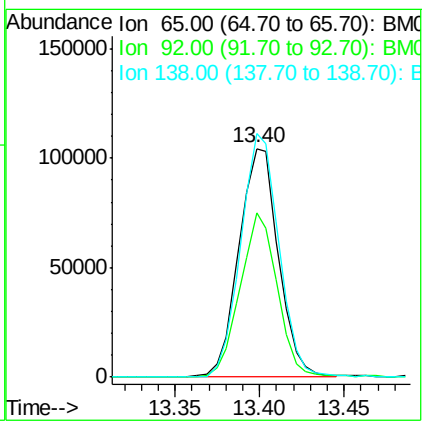


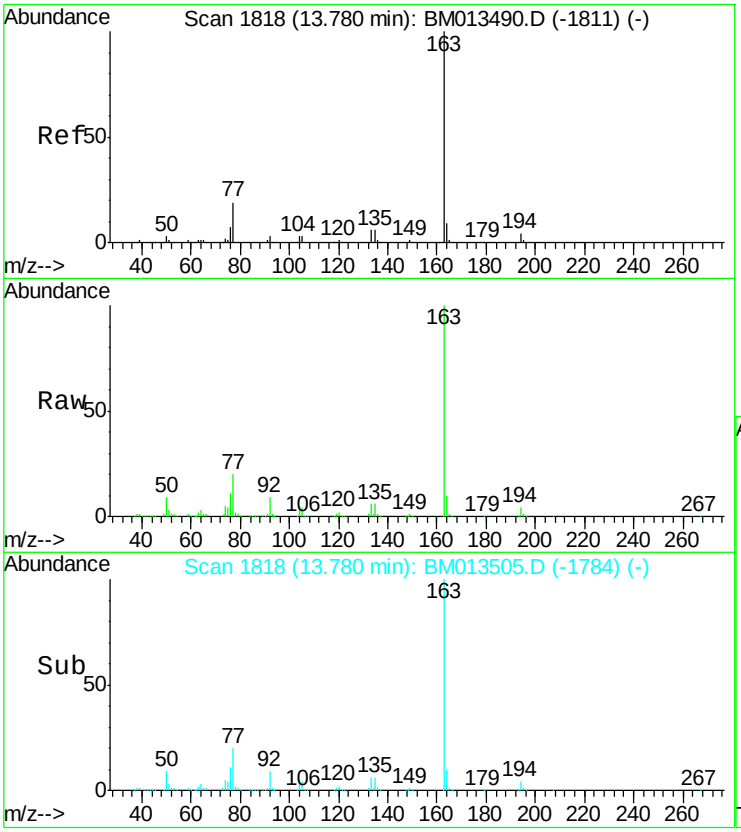


#42
2-Nitroaniline
Concen: 19.533 ng/ul
RT: 13.40 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Tgt Ion: 65 Resp: 170596

Ion	Ratio	Lower	Upper
65	100		
92	72.0	51.8	77.6
138	106.5	74.2	111.4



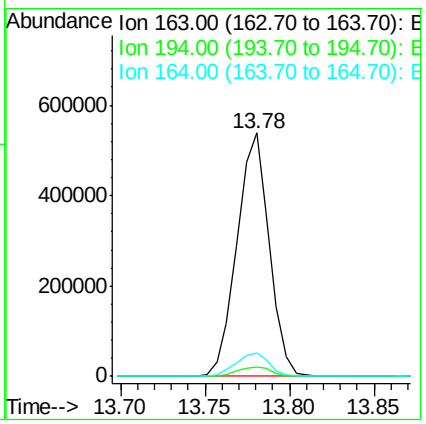


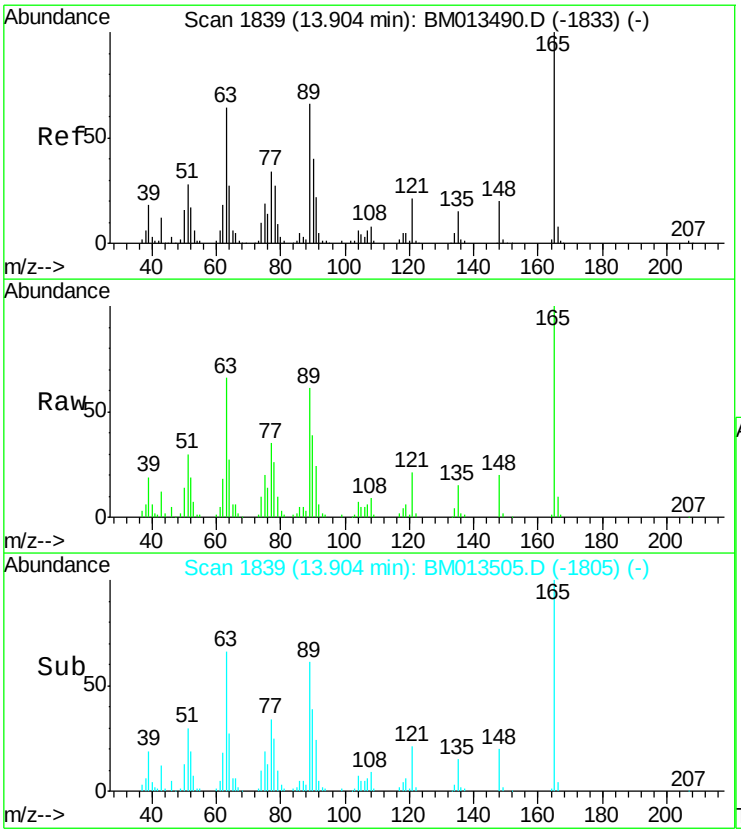
#44
Dimethylphthalate
Concen: 18.744 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 717221

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	9.5	8.2	12.4

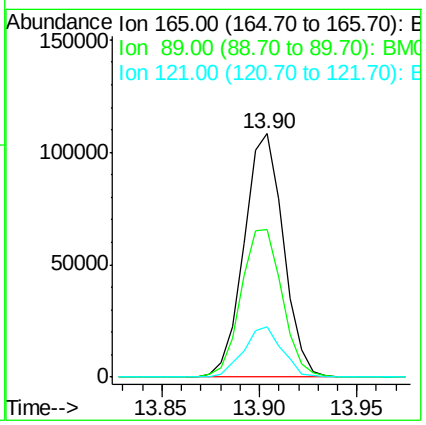


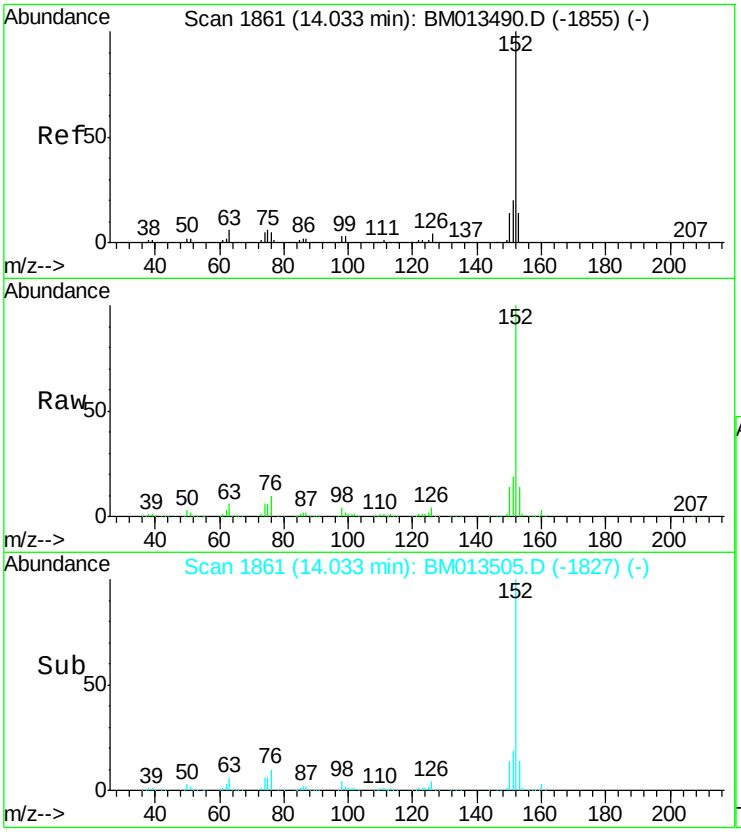


#45
2,6-Dinitrotoluene
Concen: 19.361 ng/ul
RT: 13.90 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Tgt Ion:165 Resp: 151099

Ion	Ratio	Lower	Upper
165	100		
89	60.6	52.6	79.0
121	20.7	14.6	22.0



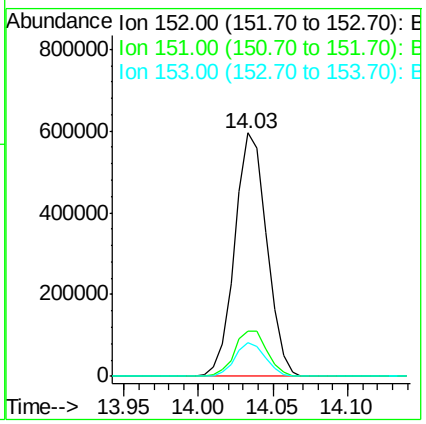


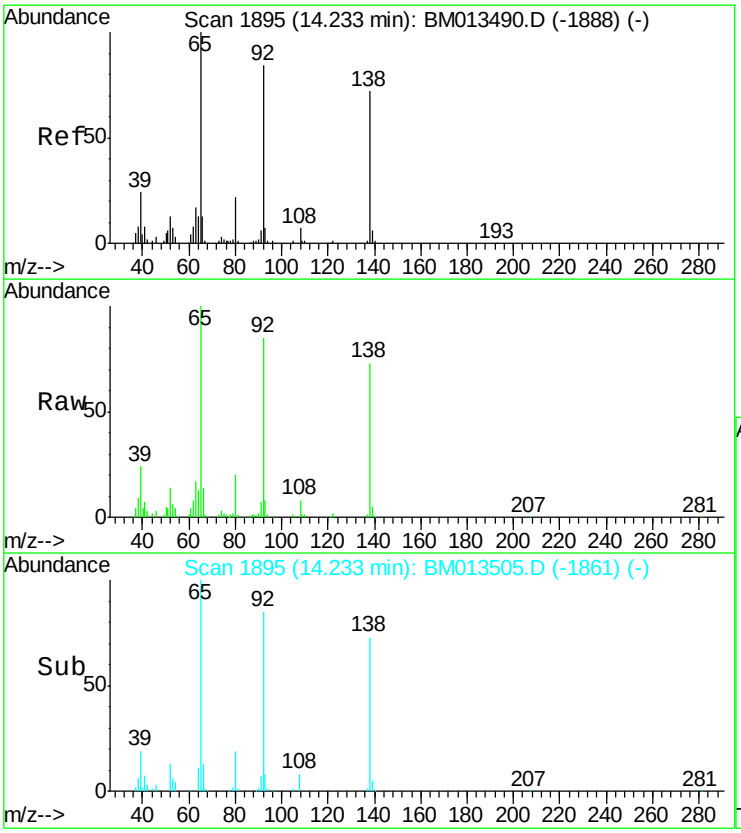
#47
Acenaphthylene
Concen: 19.446 ng/ul
RT: 14.03 min Scan# 1861
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 888455

Ion	Ratio	Lower	Upper
152	100		
151	18.7	16.3	24.5
153	13.9	10.2	15.4

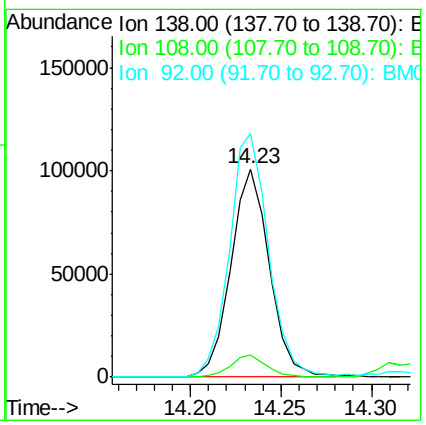


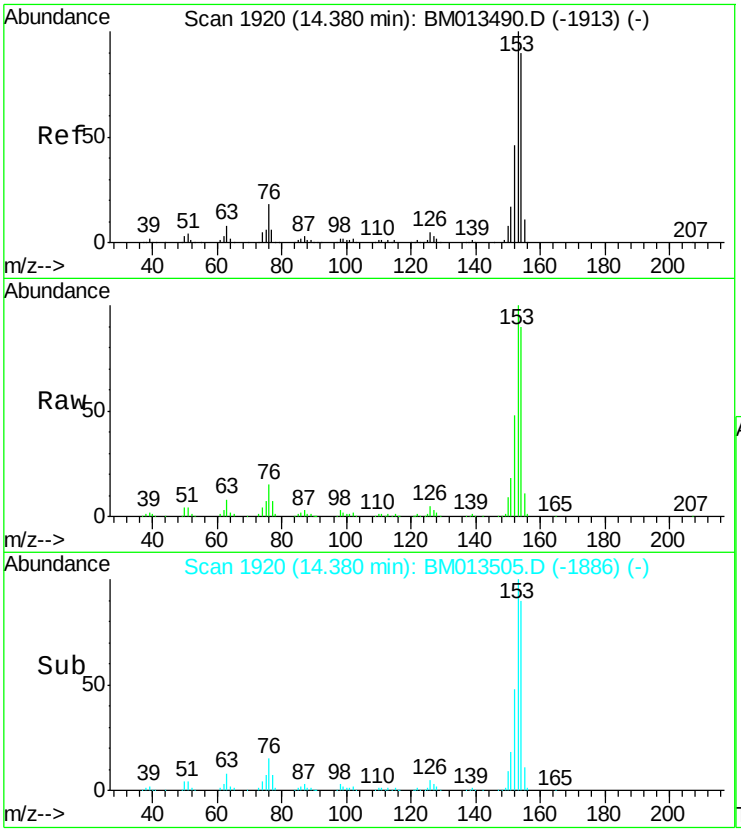


#48
3-Nitroaniline
Concen: 21.360 ng/ul
RT: 14.23 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Tgt Ion:138 Resp: 148999

Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.9	14.9
92	116.8	105.0	157.4



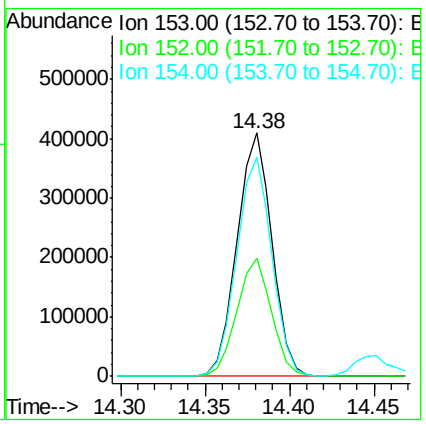


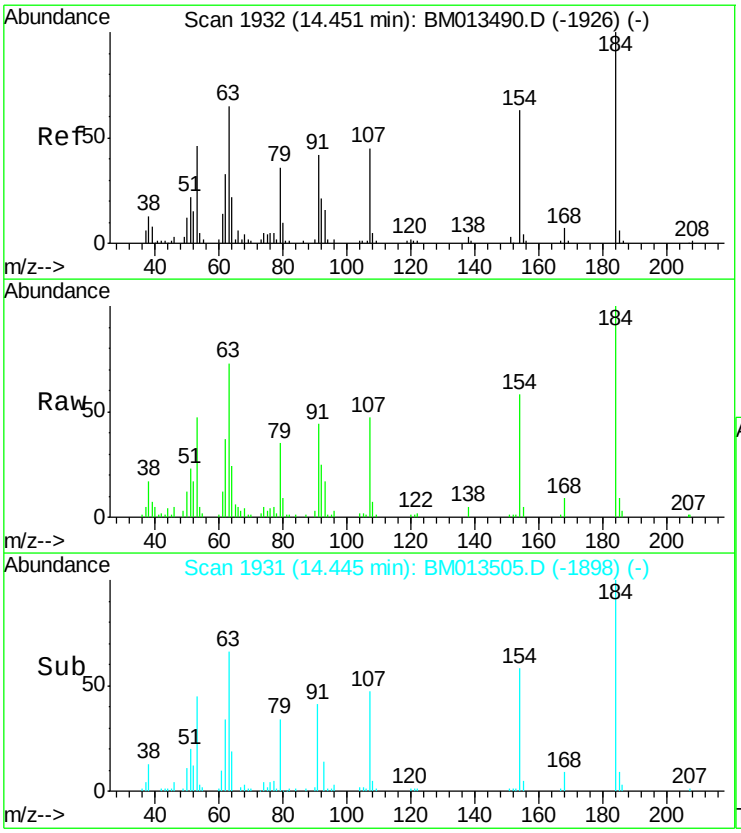
#49
Acenaphthene
Concen: 18.906 ng/ul
RT: 14.38 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 588418

Ion	Ratio	Lower	Upper
153	100		
152	48.3	37.6	56.4
154	90.1	70.4	105.6

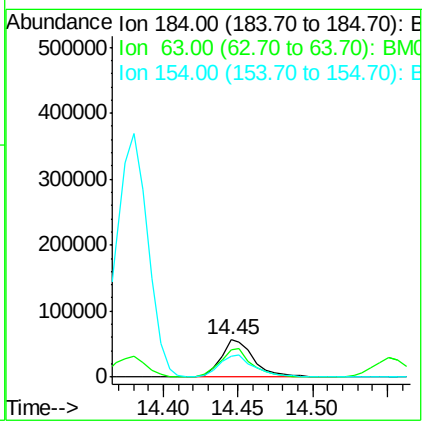


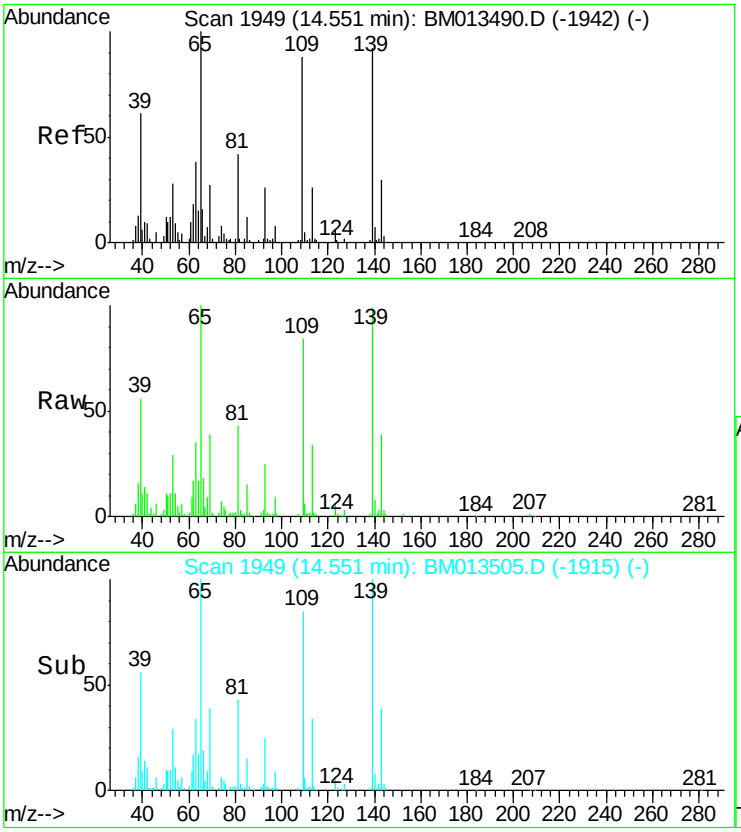


#50
2,4-Dinitrophenol
Concen: 20.373 ng/ul
RT: 14.45 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Tgt Ion:184 Resp: 87983

Ion	Ratio	Lower	Upper
184	100		
63	73.2	50.1	75.1
154	57.7	54.5	81.7



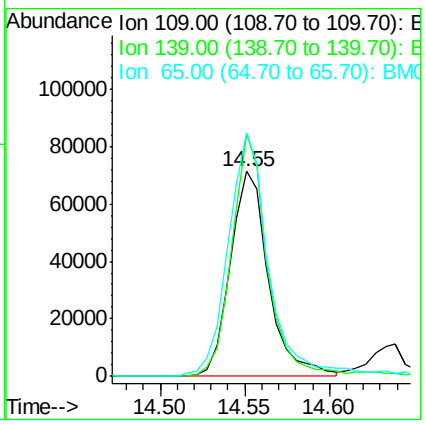


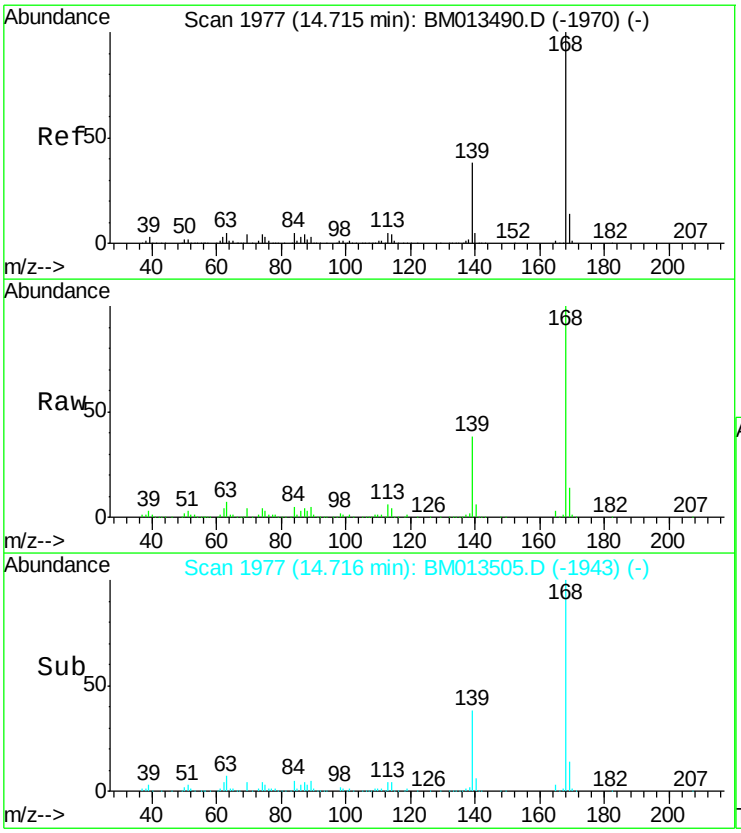
#52
4-Nitrophenol
Concen: 16.504 ng/ul
RT: 14.55 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:109 Resp: 112544

Ion	Ratio	Lower	Upper
109	100		
139	118.1	80.0	120.0
65	119.0	120.0	180.0#

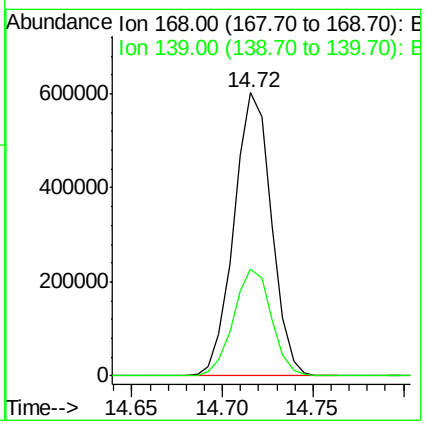


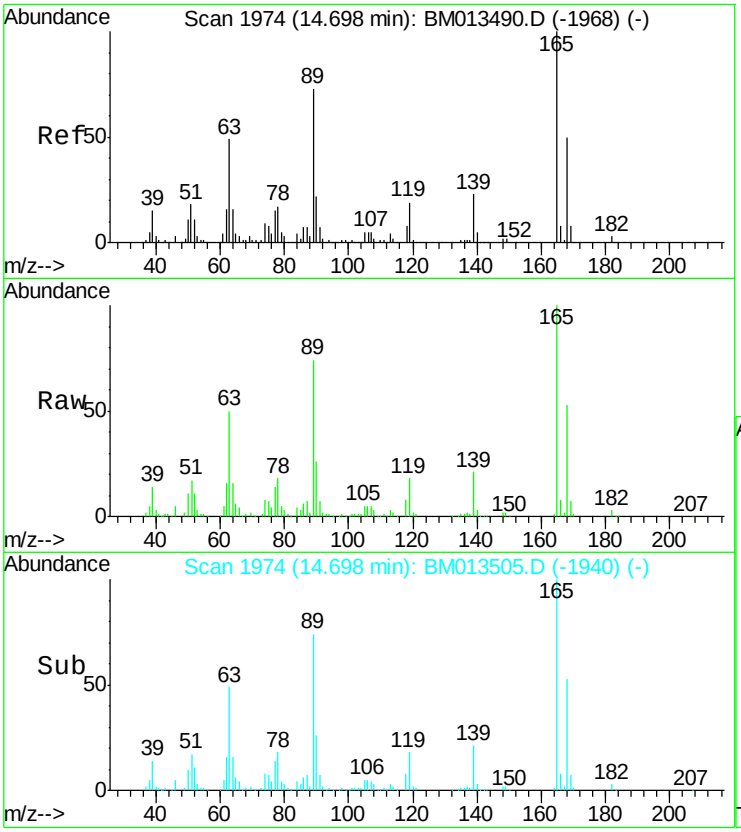


#53
Dibenzofuran
Concen: 18.842 ng/ul
RT: 14.72 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Tgt Ion:168 Resp: 865729

Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.8	46.2



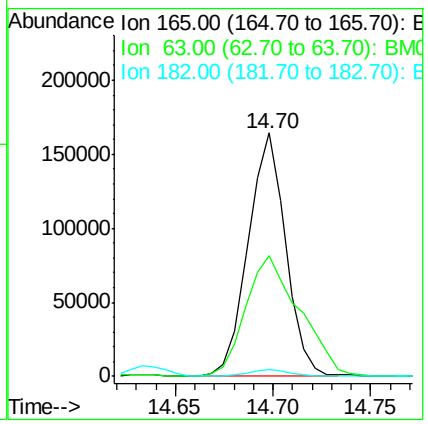


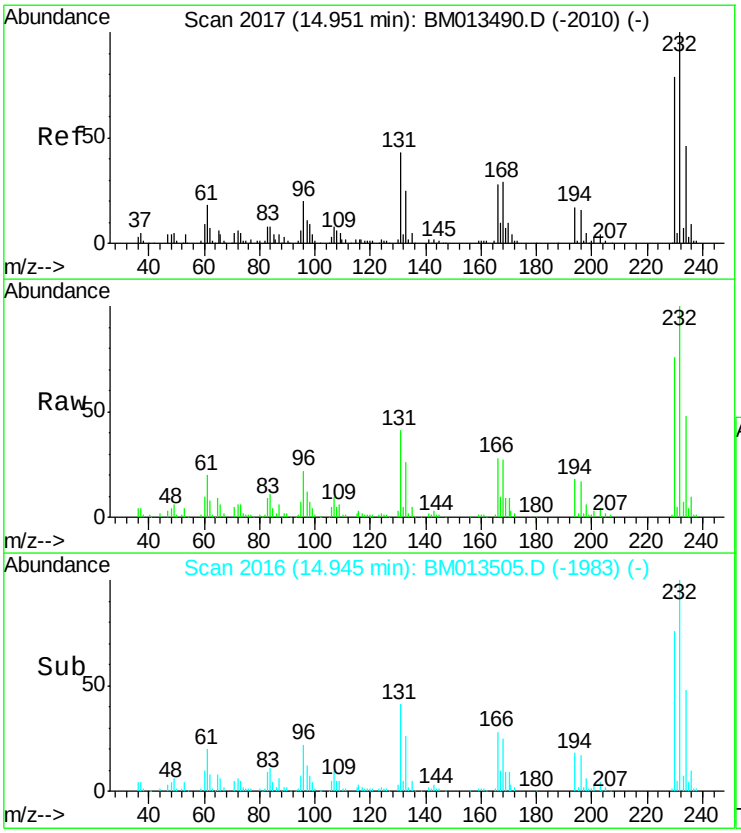
#54
2,4-Dinitrotoluene
Concen: 19.129 ng/ul
RT: 14.70 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:165 Resp: 217161

Ion	Ratio	Lower	Upper
165	100		
63	49.7	45.8	68.8
182	3.0	2.6	4.0

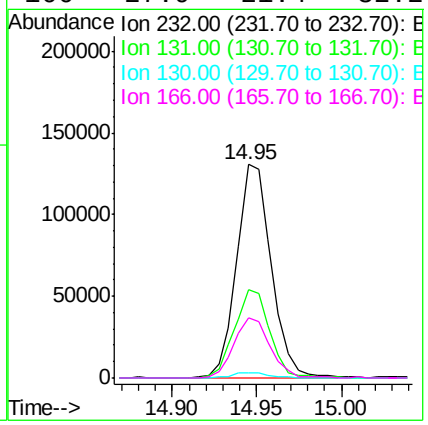


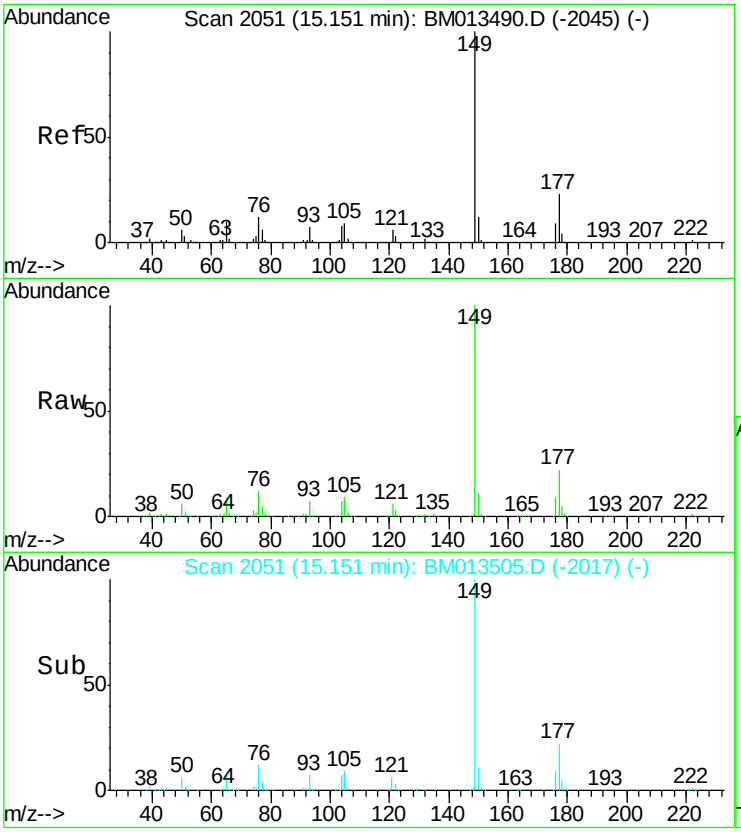


#55
2,3,4,6-Tetrachlorophenol
Concen: 18.996 ng/ul
RT: 14.95 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Tgt Ion:232 Resp: 187110

Ion	Ratio	Lower	Upper
232	100		
131	41.2	29.0	43.4
130	2.5	2.0	3.0
166	27.9	21.4	32.2



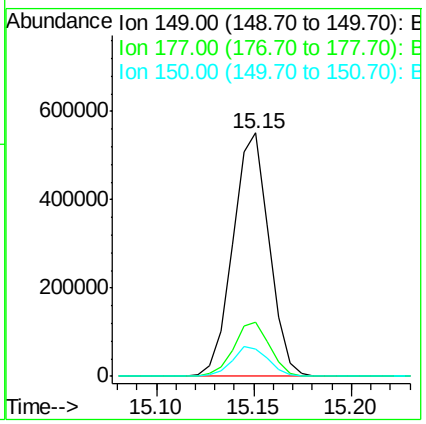


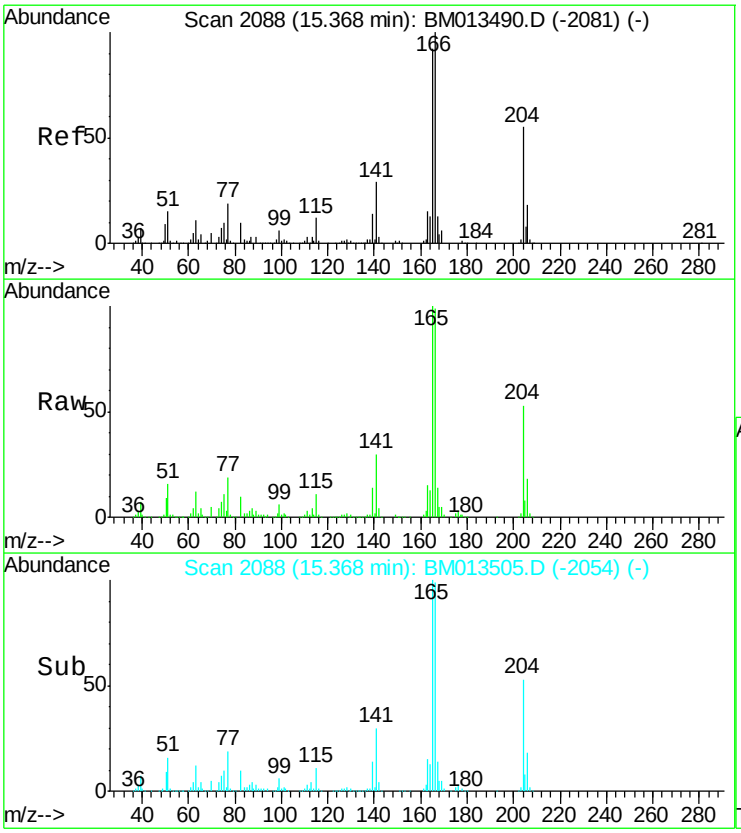
#56
Diethylphthalate
Concen: 18.378 ng/ul
RT: 15.15 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 705311

Ion	Ratio	Lower	Upper
149	100		
177	22.5	20.5	30.7
150	11.3	10.6	15.8

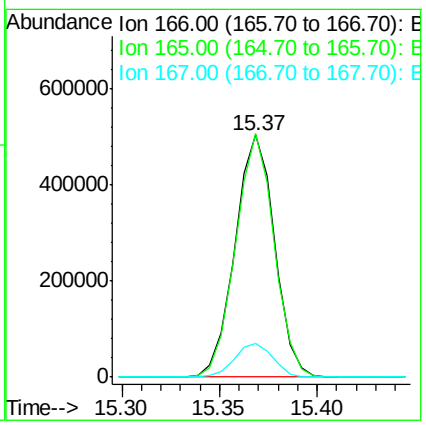


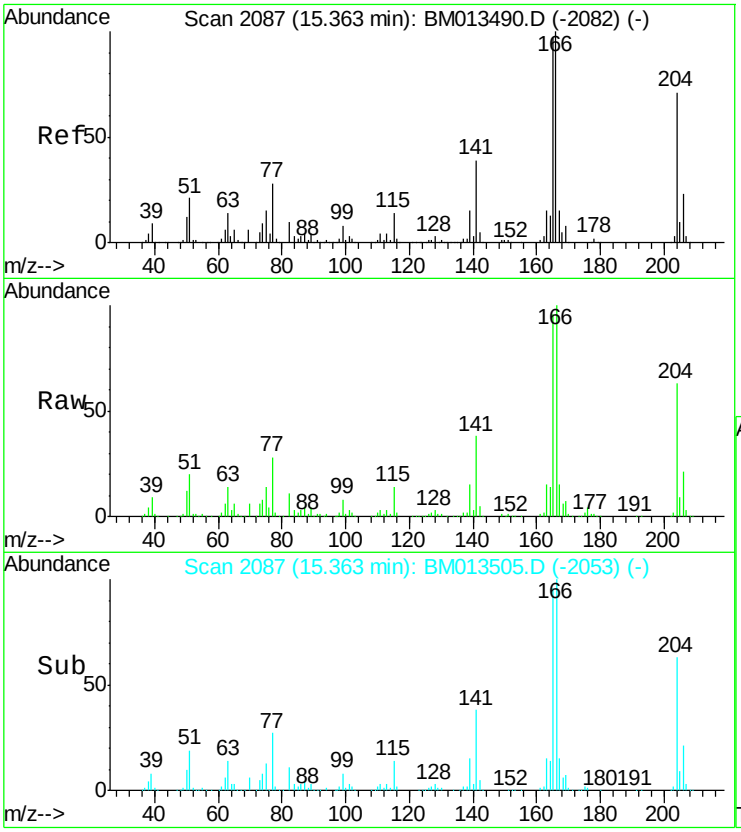


#58
Fluorene
Concen: 18.511 ng/ul
RT: 15.37 min Scan# 2088
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Tgt Ion:166 Resp: 703593

Ion	Ratio	Lower	Upper
166	100		
165	100.5	77.9	116.9
167	14.1	10.6	16.0



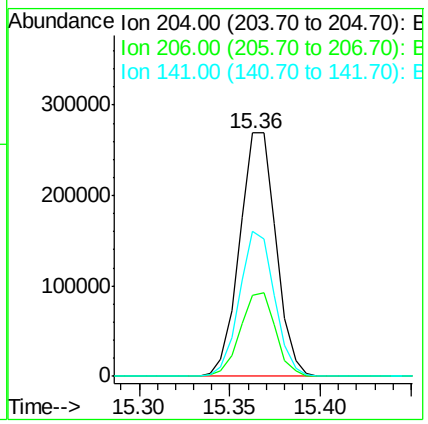


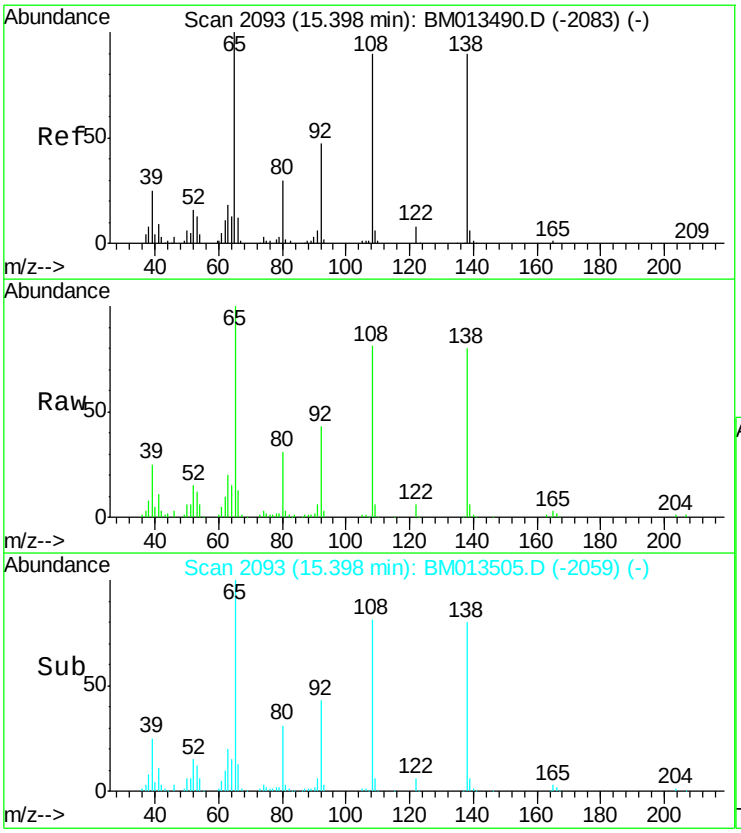
#59
4-Chlorophenyl-phenylether
Concen: 18.247 ng/ul
RT: 15.36 min Scan# 2087
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:204 Resp: 376435

Ion	Ratio	Lower	Upper
204	100		
206	33.4	24.8	37.2
141	59.5	44.3	66.5

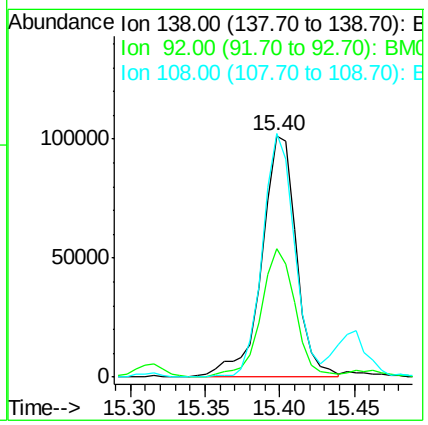


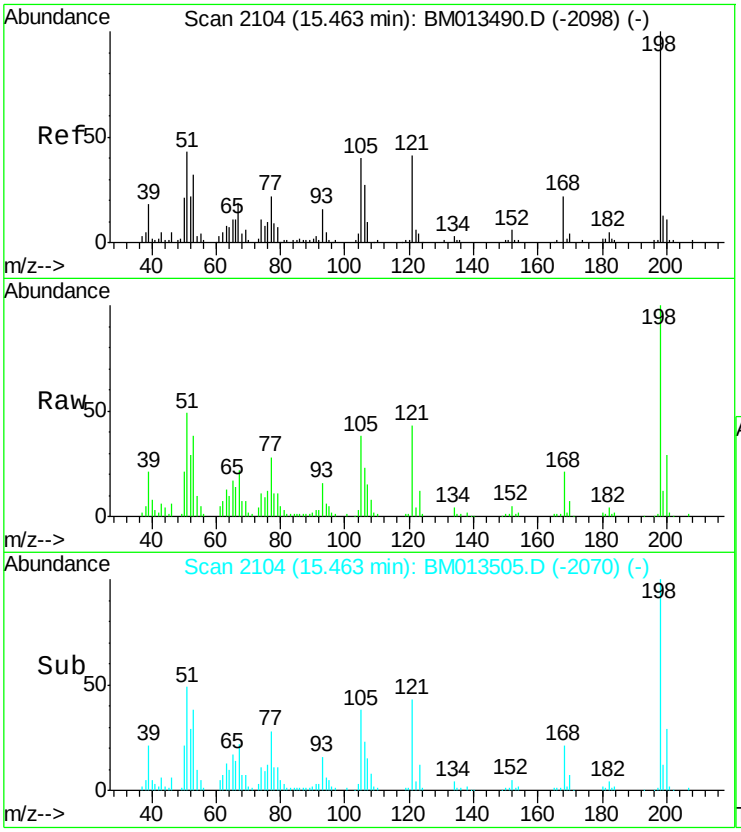


#60
4-Nitroaniline
Concen: 19.729 ng/ul
RT: 15.40 min Scan# 2093
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Tgt Ion:138 Resp: 162372

Ion	Ratio	Lower	Upper
138	100		
92	53.1	40.0	60.0
108	100.9	80.0	120.0



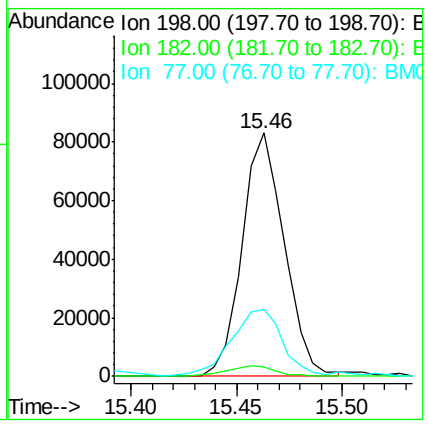


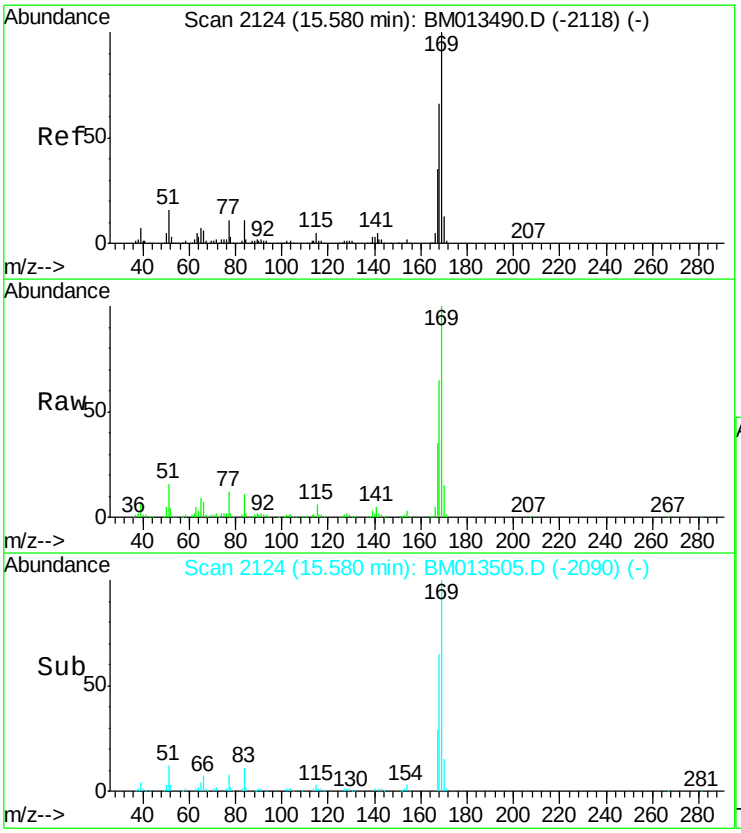
#63
4,6-Dinitro-2-methylphenol
Concen: 17.597 ng/ul
RT: 15.46 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:198 Resp: 115365

Ion	Ratio	Lower	Upper
198	100		
182	3.6	3.8	5.6#
77	27.6	25.2	37.8

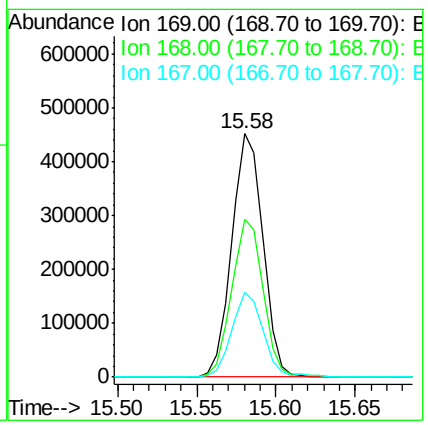


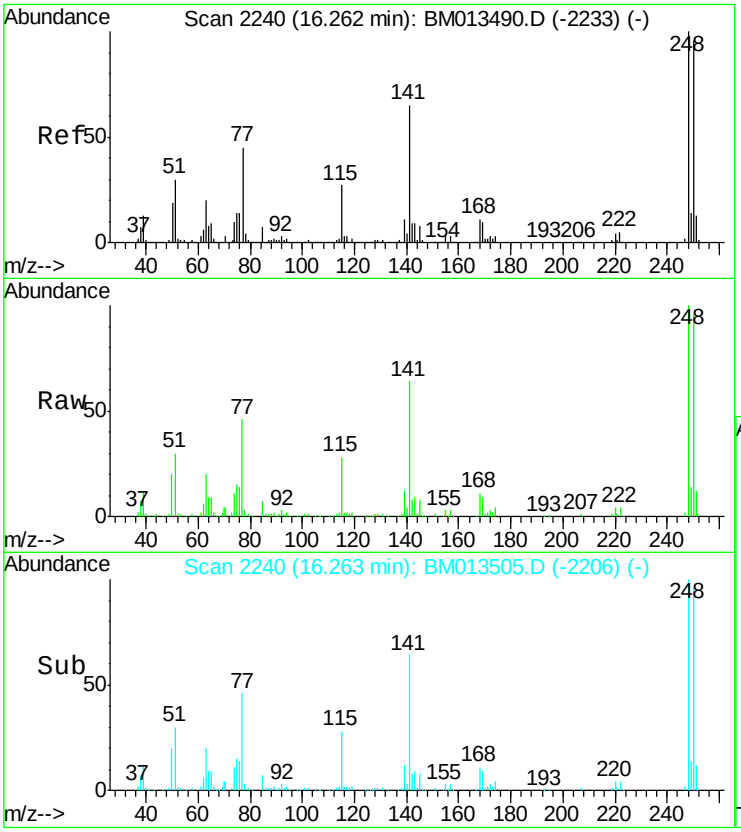


#64
N-Nitrosodiphenylamine
Concen: 20.000 ng/ul
RT: 15.58 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Tgt Ion:169 Resp: 614436

Ion	Ratio	Lower	Upper
169	100		
168	64.9	54.0	81.0
167	35.0	29.1	43.7



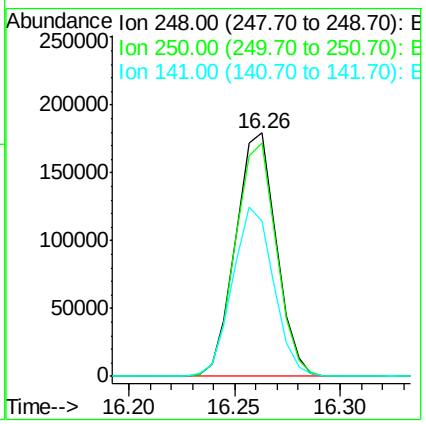


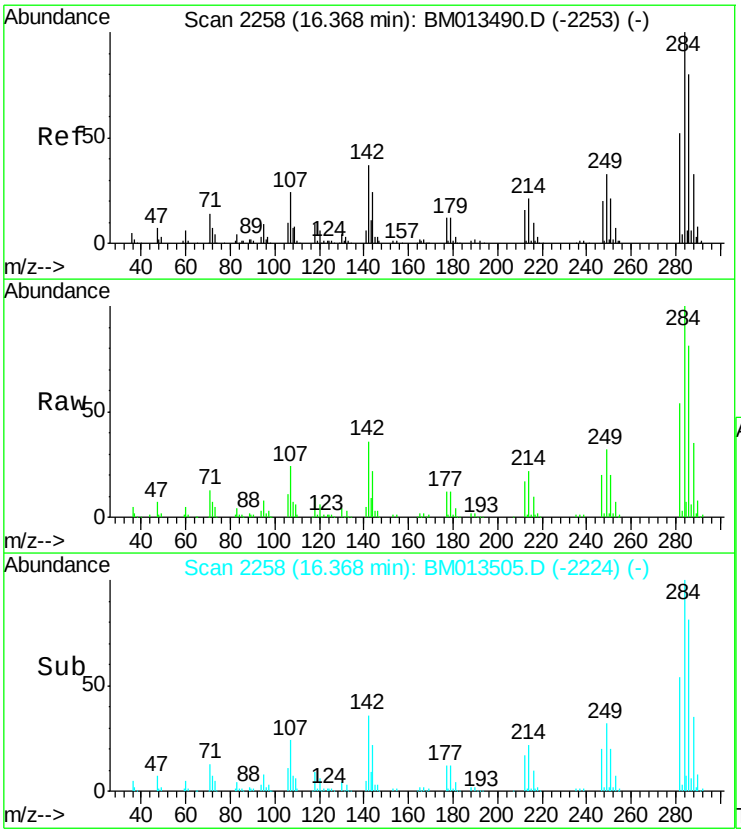
#65
4-Bromophenyl-phenylether
Concen: 19.689 ng/ul
RT: 16.26 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:248 Resp: 241385

Ion	Ratio	Lower	Upper
248	100		
250	95.7	80.5	120.7
141	63.8	53.6	80.4

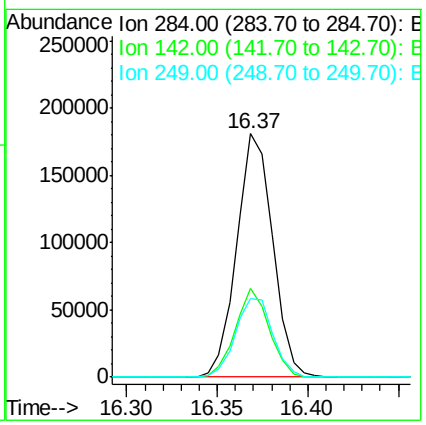


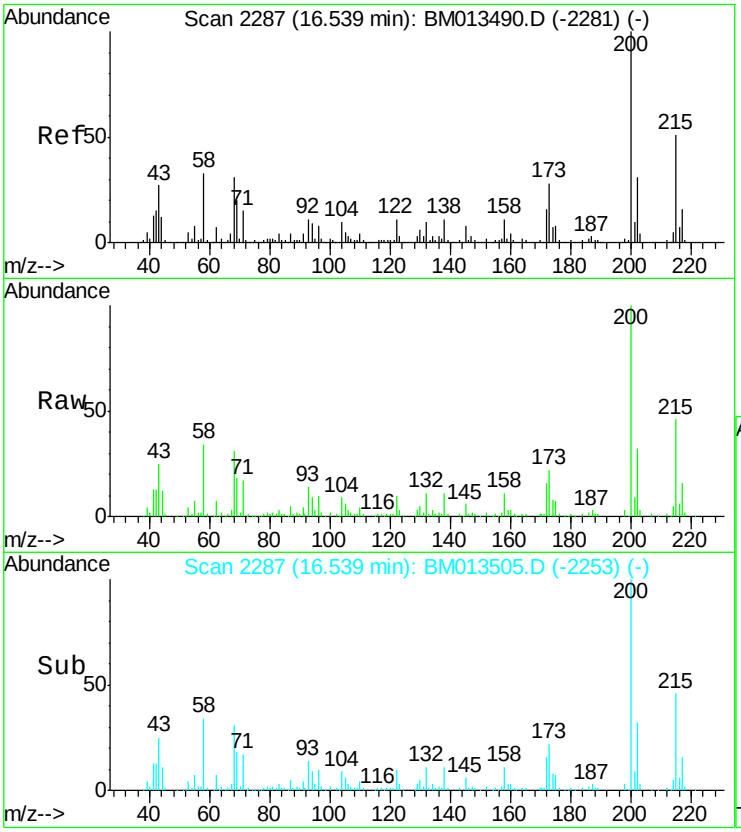


#66
Hexachlorobenzene
Concen: 18.528 ng/ul
RT: 16.37 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Tgt Ion:284 Resp: 250497

Ion	Ratio	Lower	Upper
284	100		
142	36.4	21.2	31.8#
249	32.2	24.5	36.7



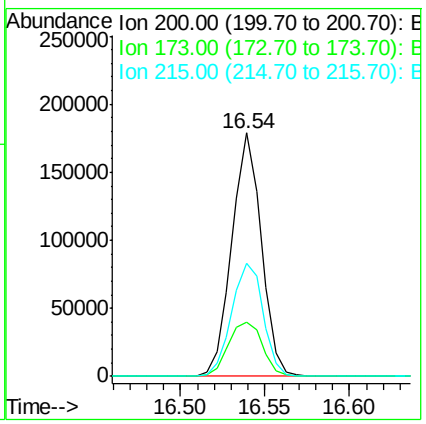


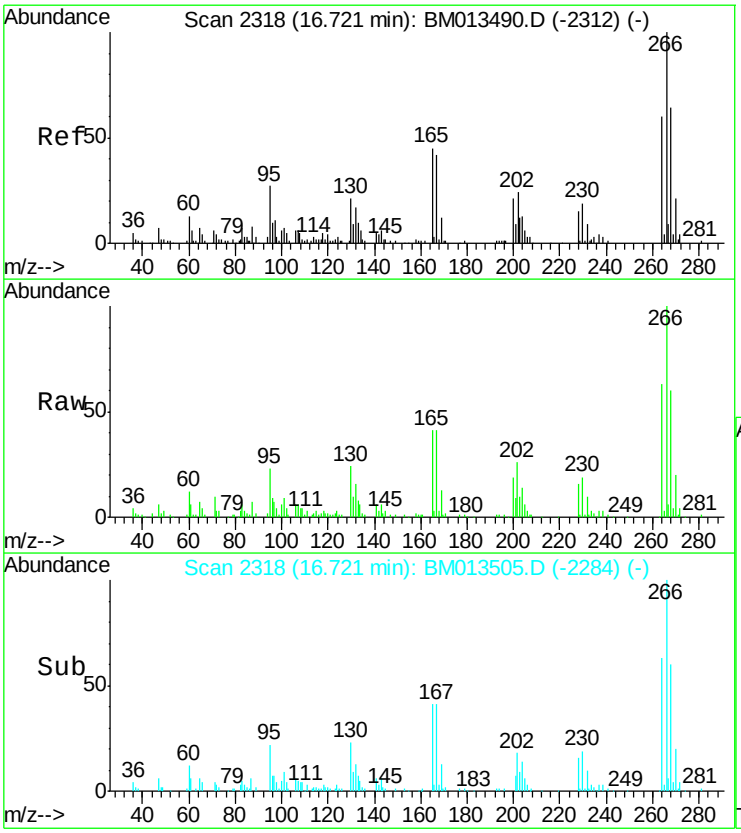
#67
Atrazine
Concen: 19.247 ng/ul
RT: 16.54 min Scan# 2287
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:200 Resp: 218250

Ion	Ratio	Lower	Upper
200	100		
173	22.3	18.2	27.2
215	46.2	35.0	52.4

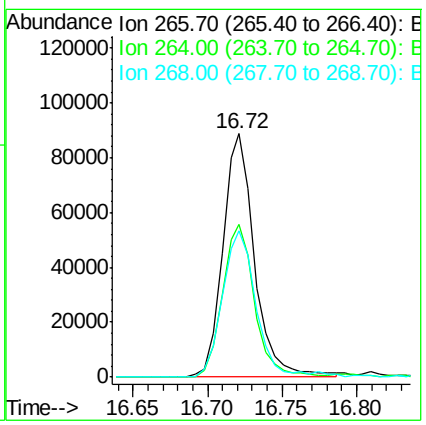


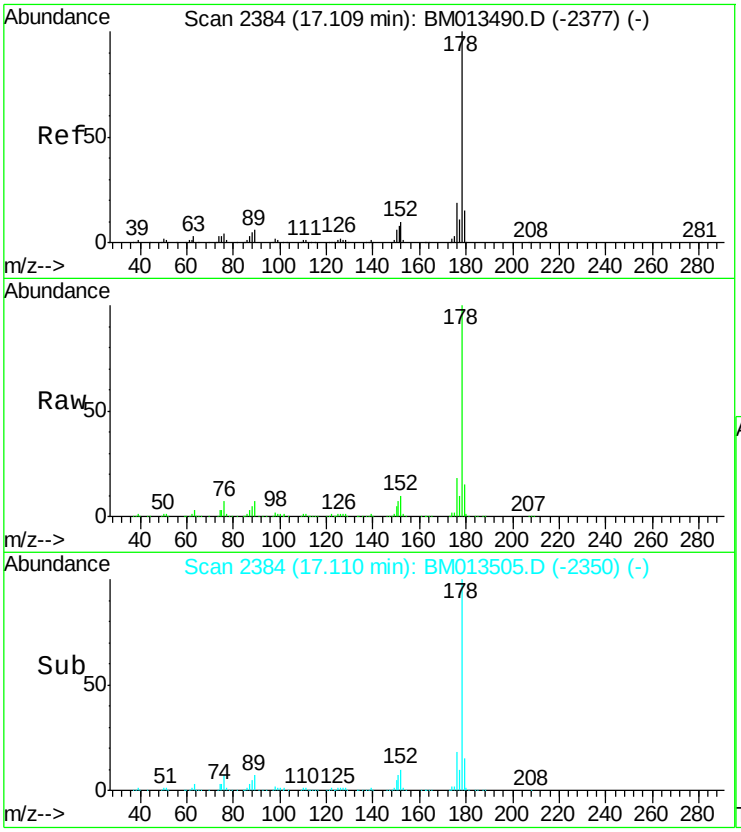


#68
Pentachlorophenol
Concen: 16.867 ng/ul
RT: 16.72 min Scan# 2318
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Tgt Ion:266 Resp: 131894

Ion	Ratio	Lower	Upper
266	100		
264	62.9	49.3	73.9
268	60.3	52.6	78.8



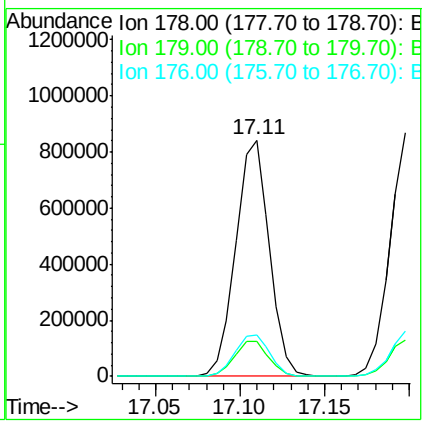


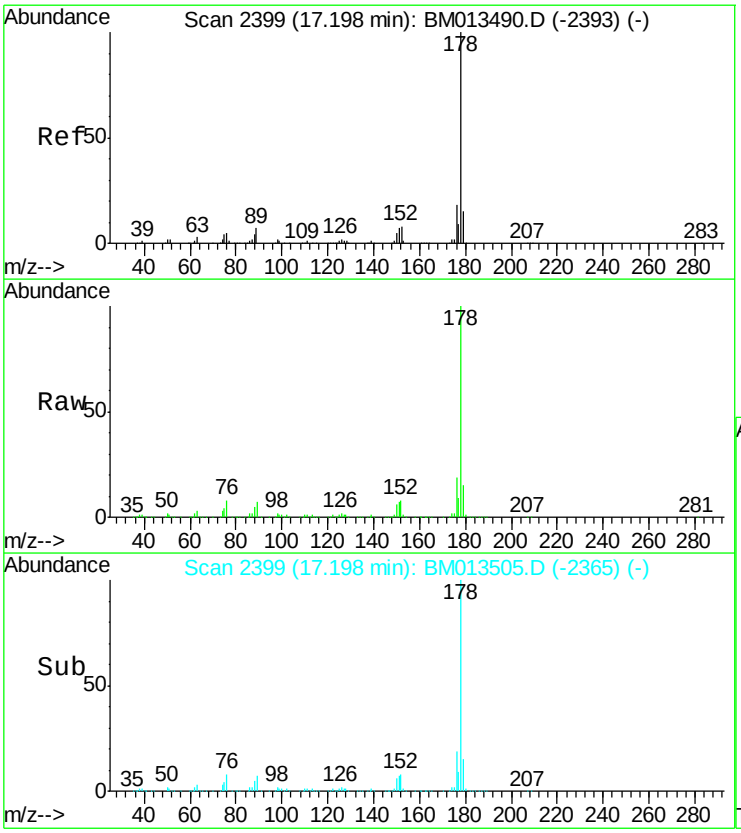
#69
Phenanthrene
Concen: 19.611 ng/ul
RT: 17.11 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1161917

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.6	19.0
176	17.6	14.9	22.3

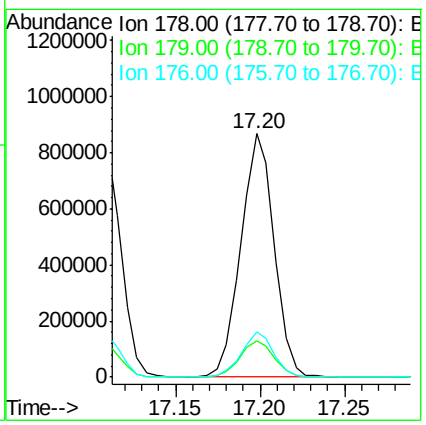


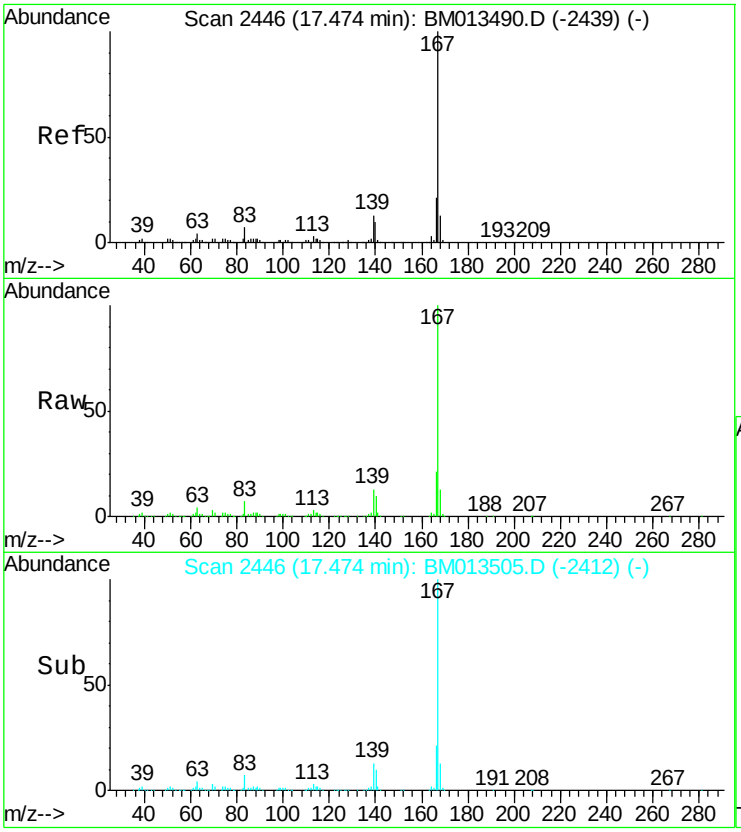


#71
Anthracene
Concen: 19.560 ng/ul
RT: 17.20 min Scan# 2399
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Tgt Ion:178 Resp: 1184568

Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.7	17.5
176	18.6	14.6	21.8



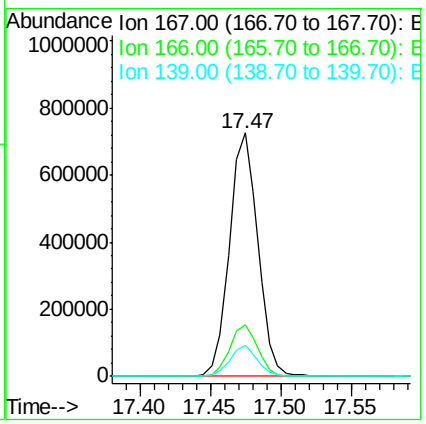


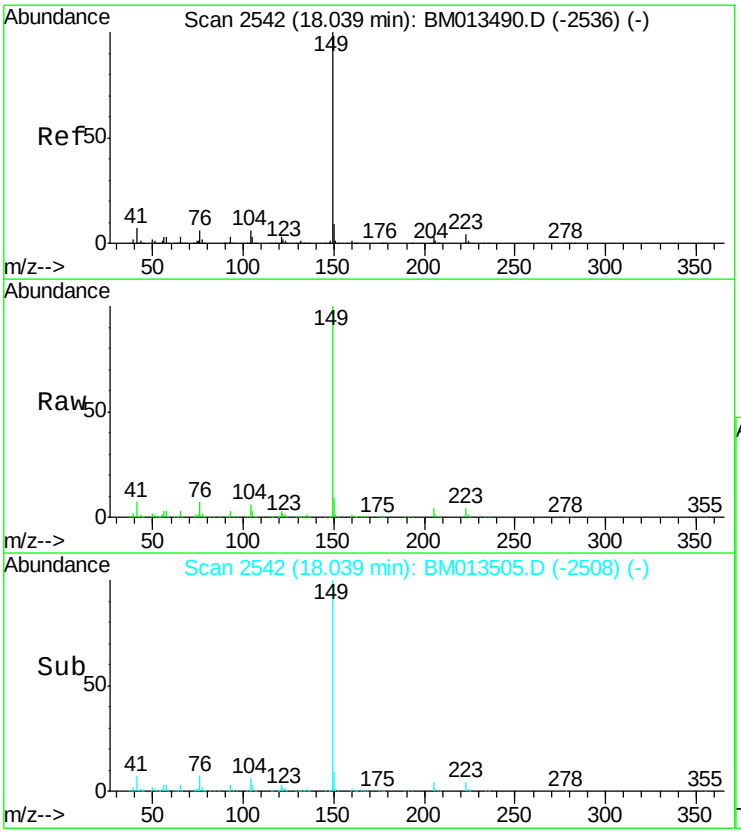
#72
Carbazole
Concen: 19.519 ng/ul
RT: 17.47 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 1016790

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	12.6	10.0	15.0

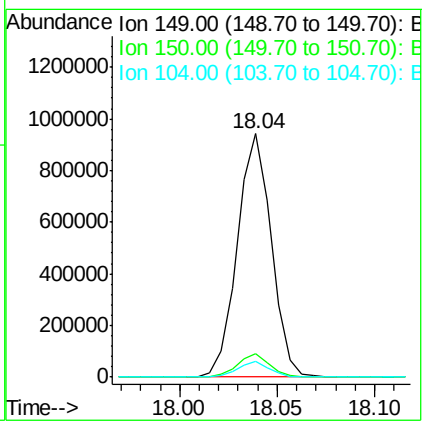


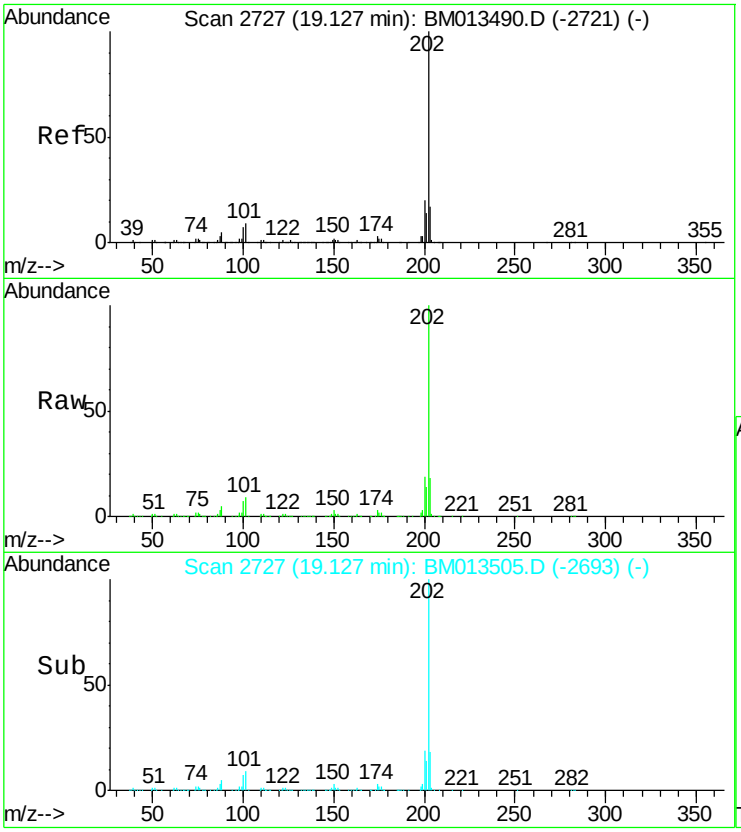


#73
Di-n-butylphthalate
Concen: 18.711 ng/ul
RT: 18.04 min Scan# 2542
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Tgt Ion:149 Resp: 1137873

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.1	10.7
104	6.3	5.6	8.4



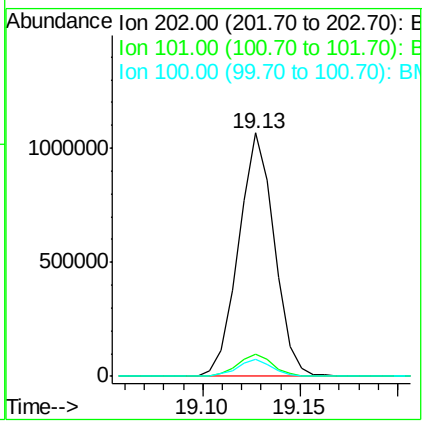


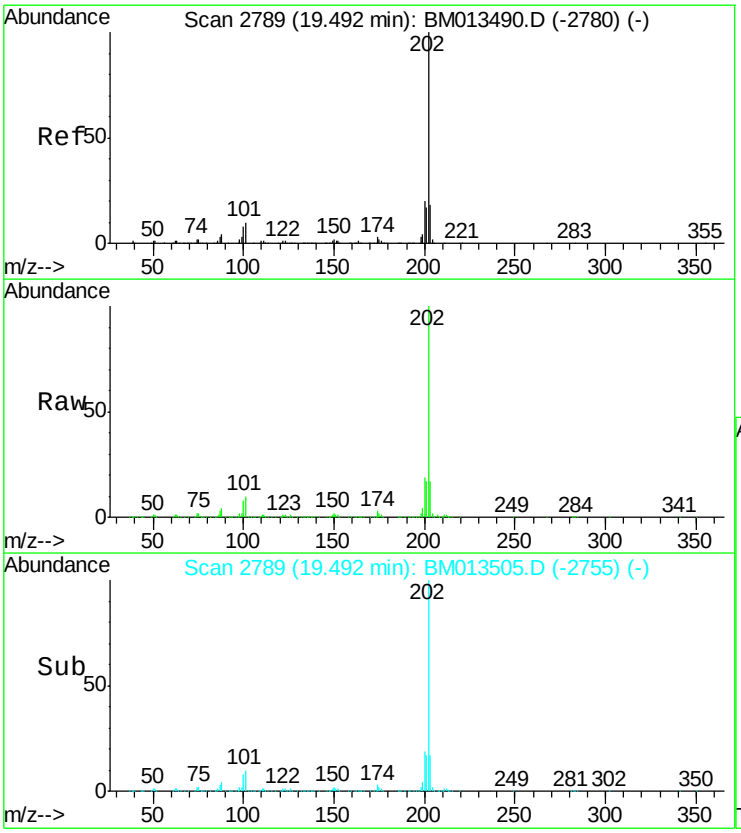
#74
Fluoranthene
Concen: 18.567 ng/ul
RT: 19.13 min Scan# 2727
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1348085

Ion	Ratio	Lower	Upper
202	100		
101	9.1	4.6	7.0#
100	6.8	3.4	5.2#

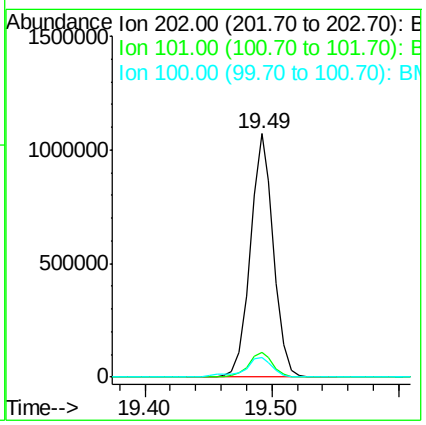


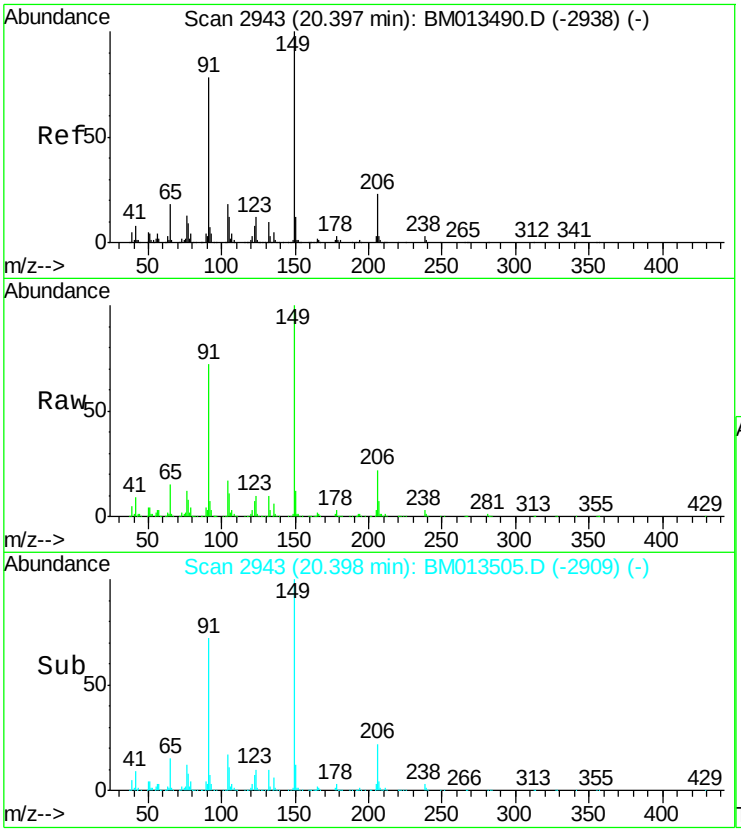


#77
Pyrene
Concen: 22.180 ng/ul
RT: 19.49 min Scan# 2789
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Tgt Ion:202 Resp: 1356979

Ion	Ratio	Lower	Upper
202	100		
101	10.2	5.1	7.7#
100	8.0	4.9	7.3#



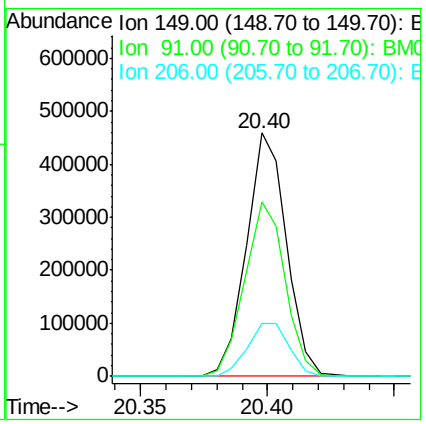


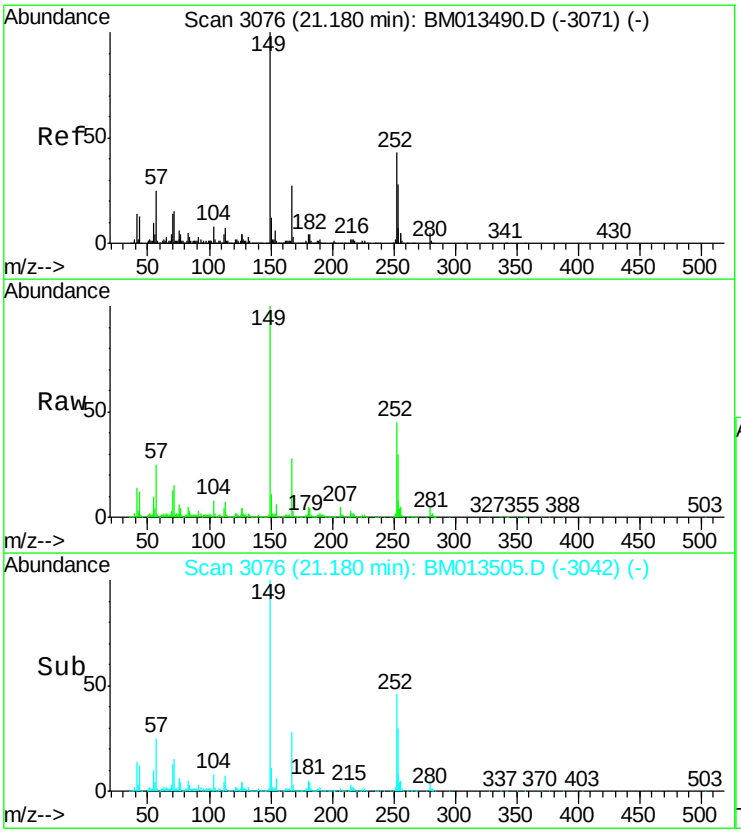
#78
Butylbenzylphthalate
Concen: 21.113 ng/ul
RT: 20.40 min Scan# 2943
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 504686

Ion	Ratio	Lower	Upper
149	100		
91	71.7	62.7	94.1
206	21.7	20.8	31.2

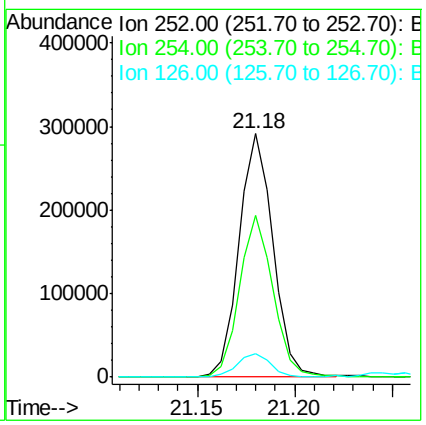


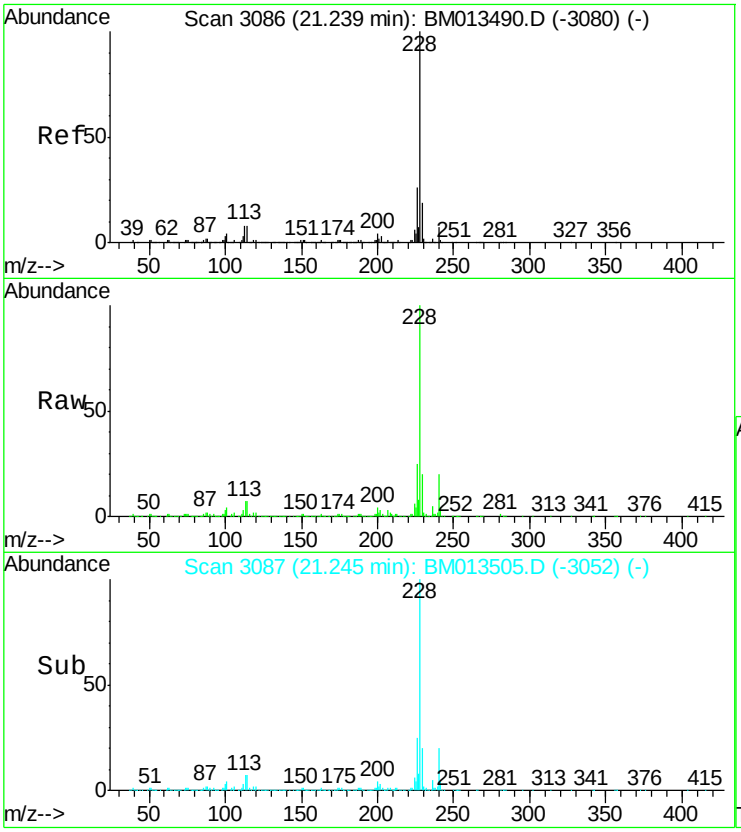


#79
3,3'-Dichlorobenzidine
Concen: 16.595 ng/ul
RT: 21.18 min Scan# 3076
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Tgt Ion:252 Resp: 351292

Ion	Ratio	Lower	Upper
252	100		
254	66.6	54.5	81.7
126	9.6	5.8	8.8#



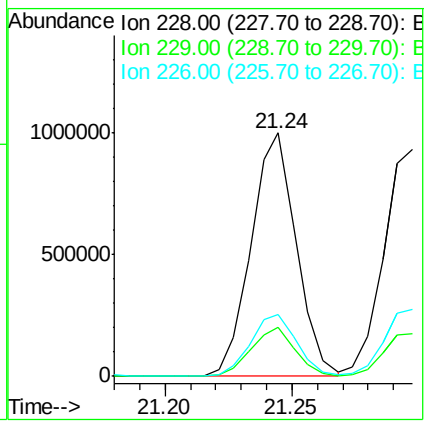


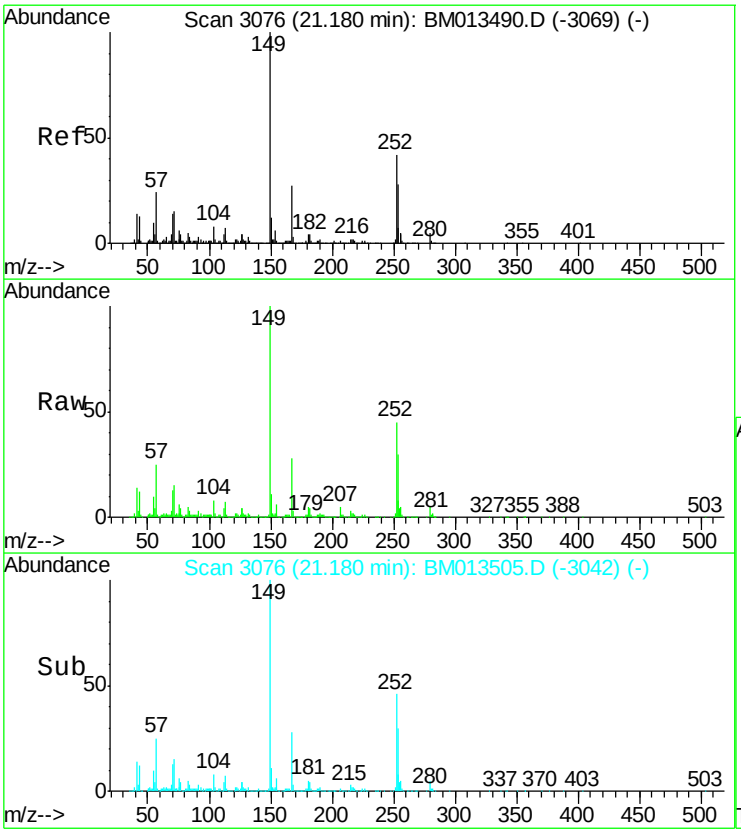
#80
Benzo(a)anthracene
Concen: 19.425 ng/ul
RT: 21.24 min Scan# 3087
Delta R.T. 0.01 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1241113

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.4	23.0
226	25.2	21.4	32.0

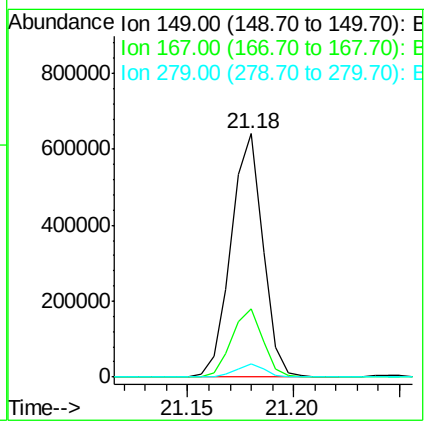


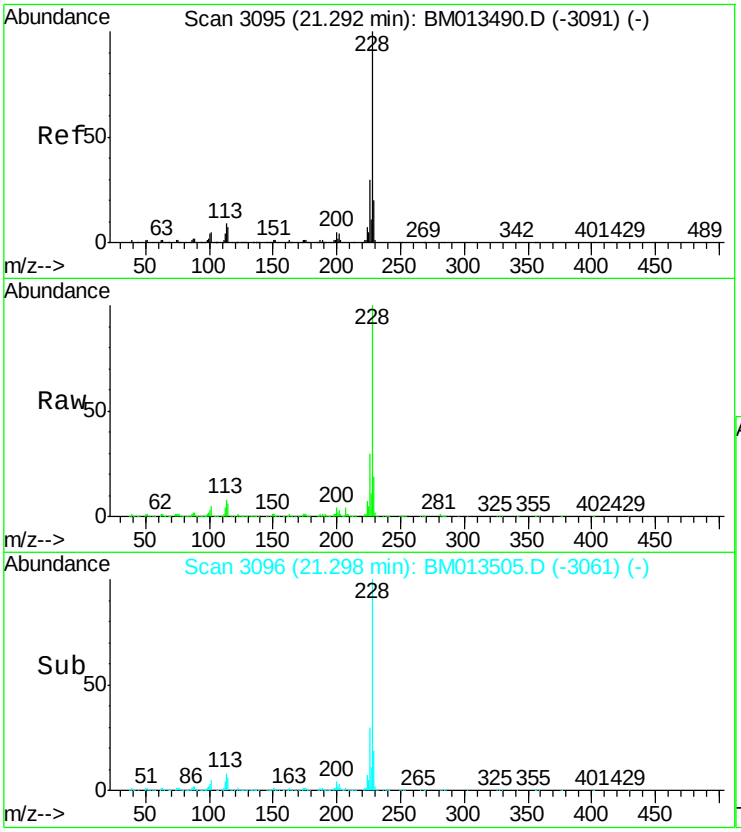


#81
Bis(2-ethylhexyl)phthalate
Concen: 18.426 ng/ul
RT: 21.18 min Scan# 3076
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Tgt Ion:149 Resp: 663899

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.8	34.2
279	5.2	4.9	7.3



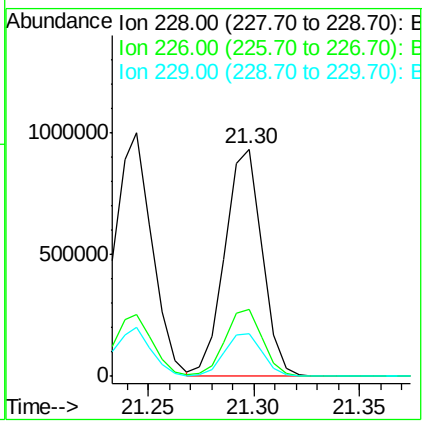


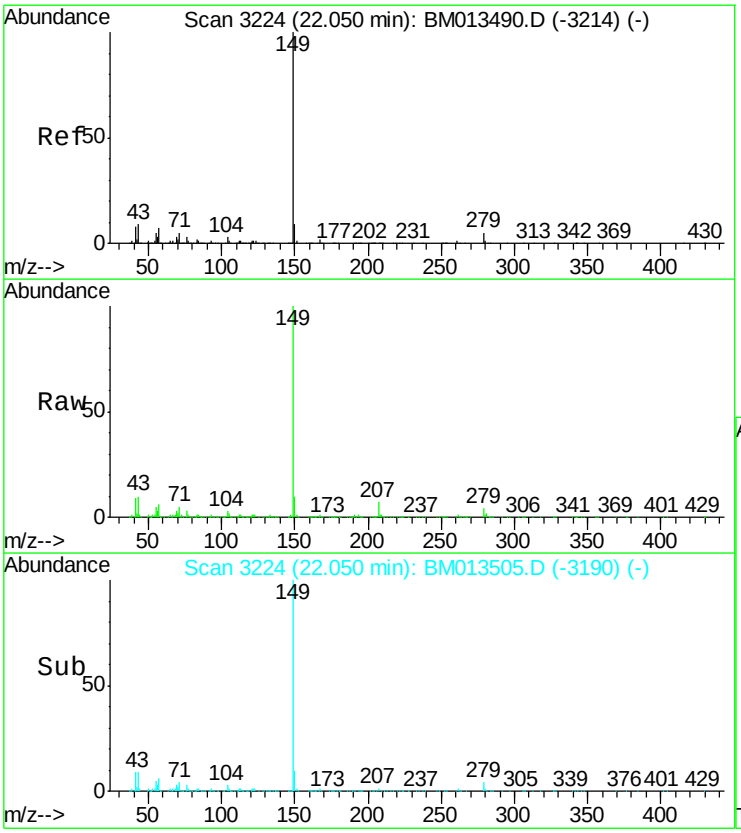
#82
Chrysene
Concen: 19.164 ng/ul
RT: 21.30 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1135960

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.2
229	18.6	15.5	23.3

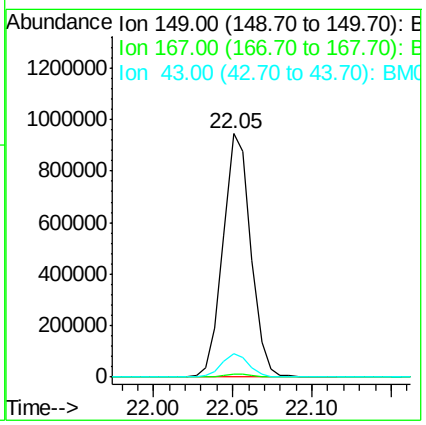


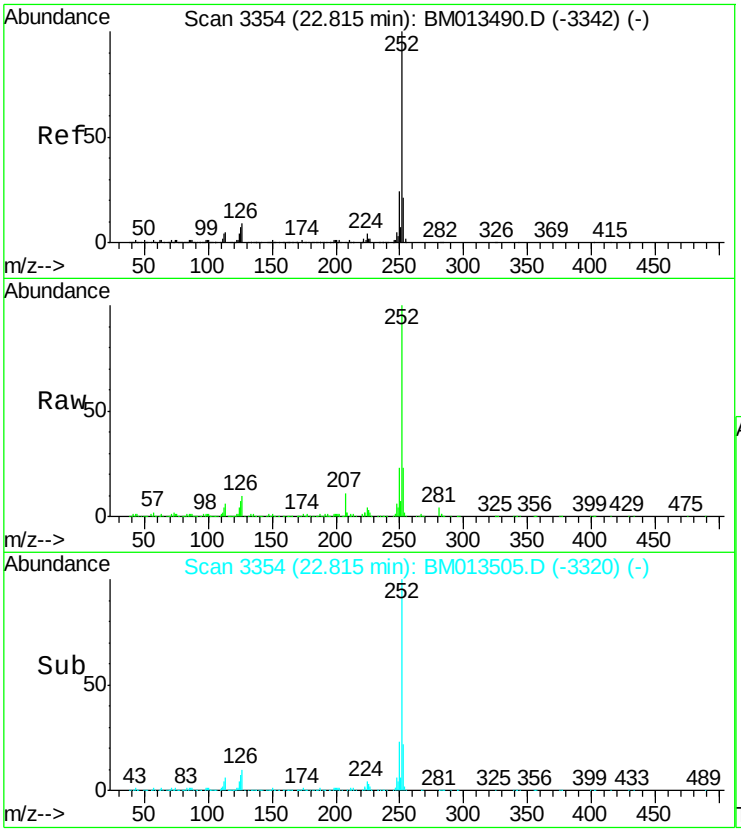


#84
Di-n-octyl phthalate
Concen: 19.756 ng/ul
RT: 22.05 min Scan# 3224
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Tgt Ion:149 Resp: 1140187

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.3	1.9
43	9.7	7.3	10.9



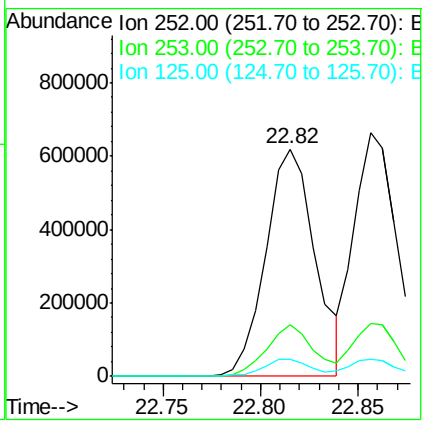


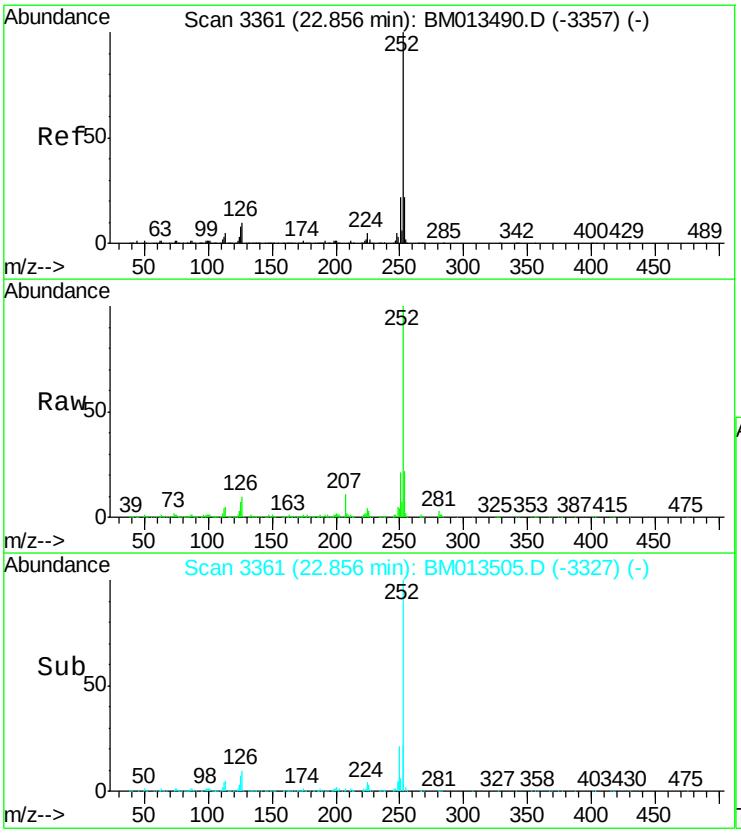
#85
Benzo(b)fluoranthene
Concen: 19.861 ng/ul
RT: 22.82 min Scan# 3354
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1086632

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	7.4	3.6	5.4#

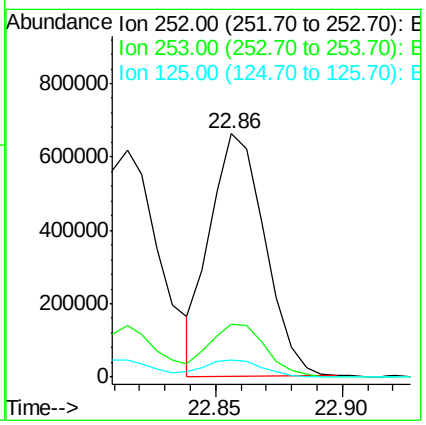


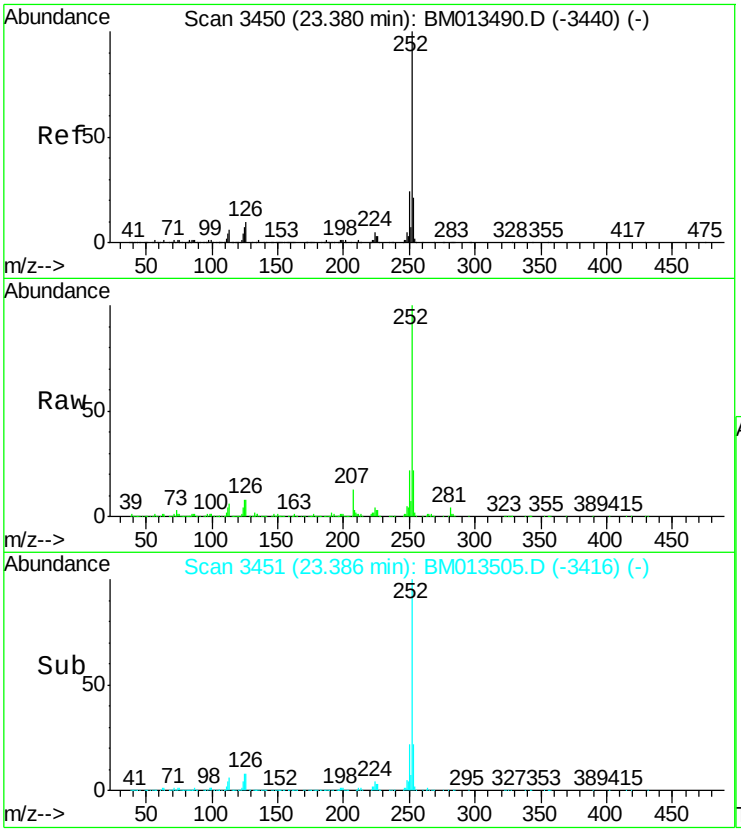


#86
Benzo(k)fluoranthene
Concen: 19.203 ng/ul
RT: 22.86 min Scan# 3361
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Tgt Ion:252 Resp: 988731

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	7.0	3.4	5.2#



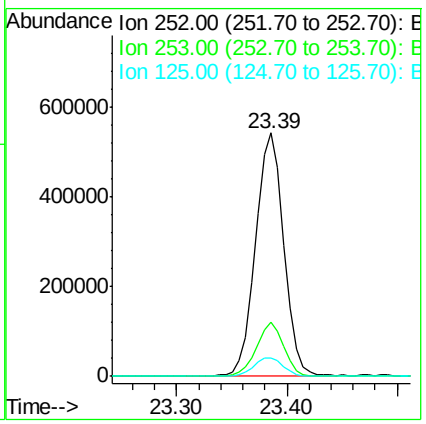


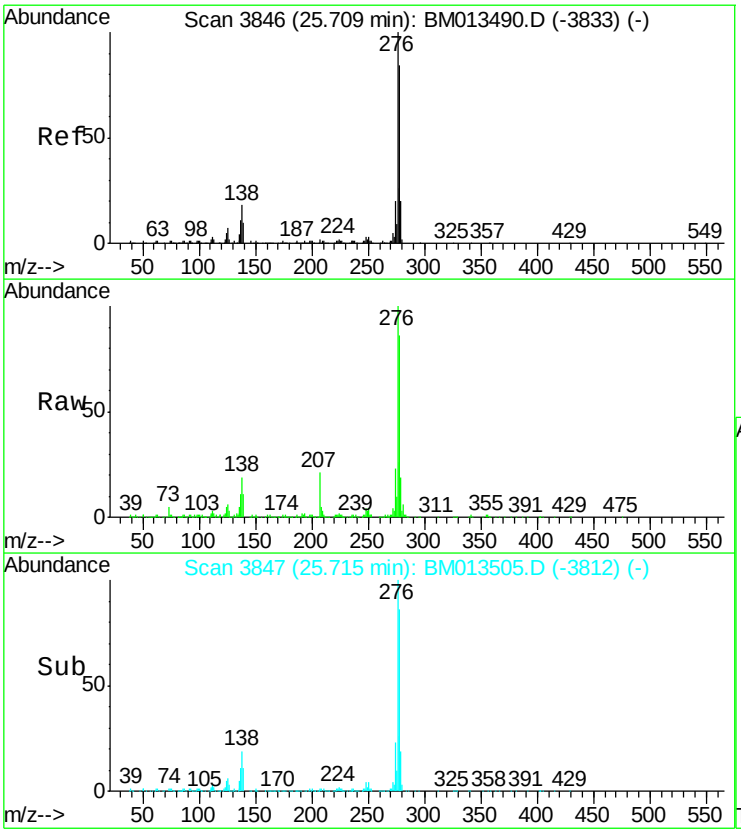
#88
Benzo(a)pyrene
Concen: 19.733 ng/ul
RT: 23.39 min Scan# 3451
Delta R.T. 0.01 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 969830

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	7.6	4.0	6.0#

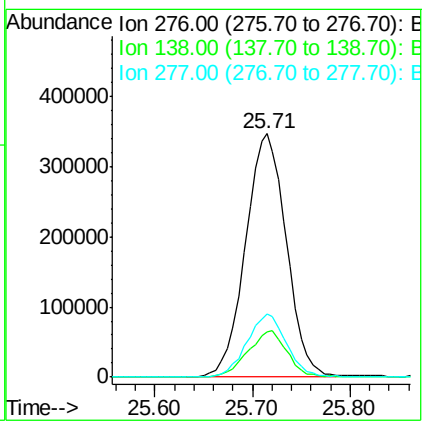


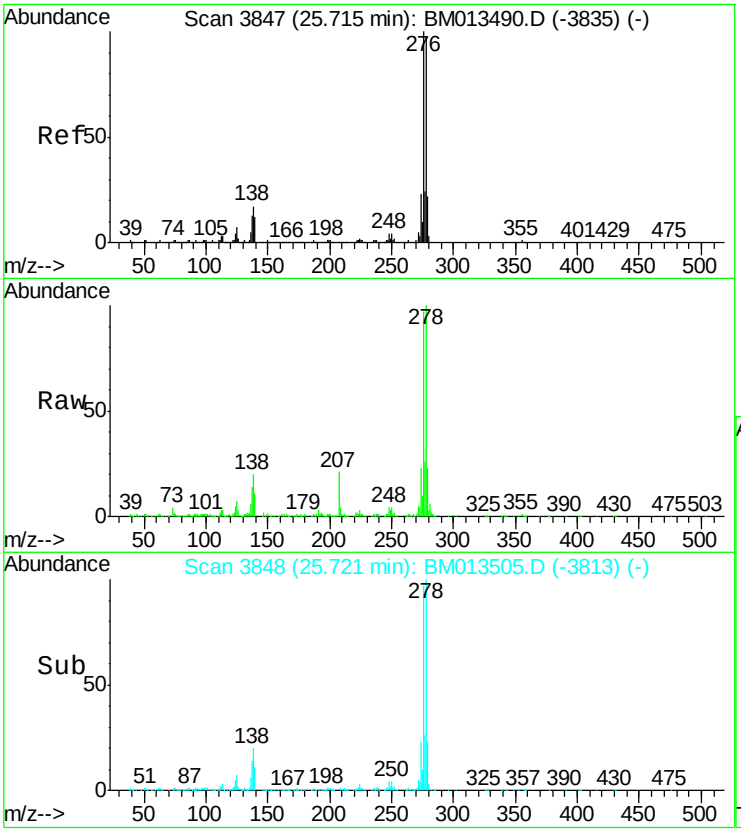


#89
Indeno(1,2,3-cd)pyrene
Concen: 20.817 ng/ul
RT: 25.71 min Scan# 3847
Delta R.T. 0.01 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Tgt Ion:276 Resp: 1015138

Ion	Ratio	Lower	Upper
276	100		
138	18.7	9.3	13.9#
277	25.8	19.9	29.9



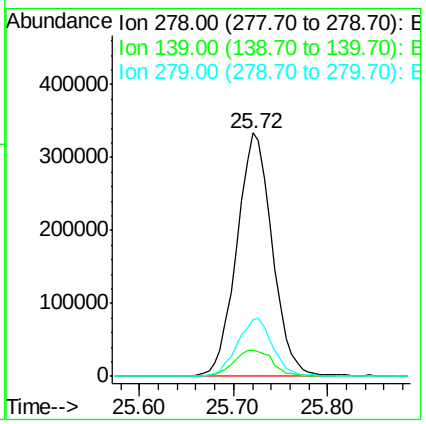


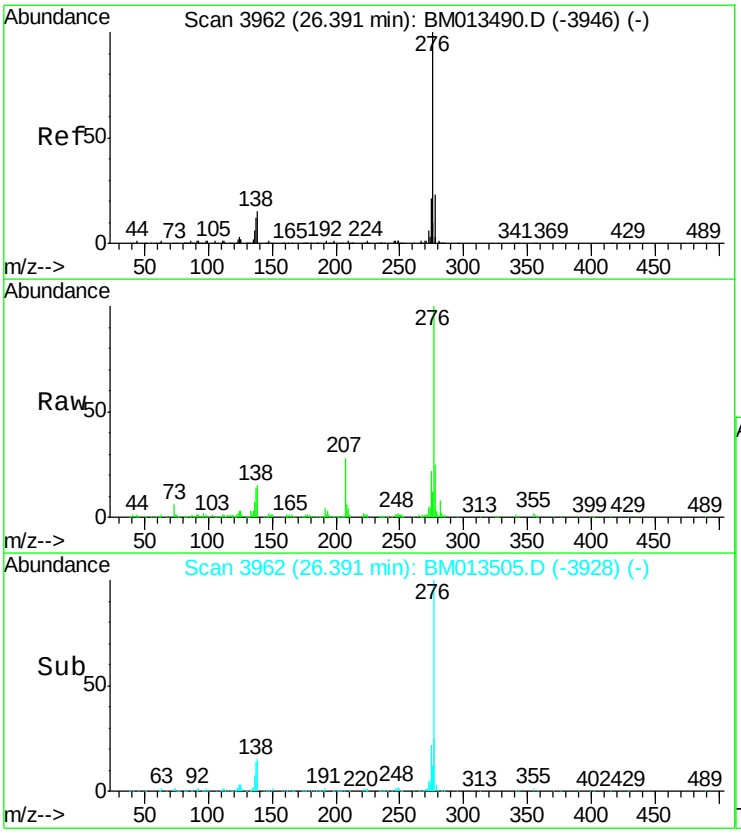
#90
Dibenzo(a,h)anthracene
Concen: 21.040 ng/ul
RT: 25.72 min Scan# 3848
Delta R.T. 0.01 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 873680

Ion	Ratio	Lower	Upper
278	100		
139	10.9	5.8	8.8#
279	23.3	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 20.240 ng/ul
RT: 26.39 min Scan# 3962
Delta R.T. 0.00 min
Lab File: BM013505.D
Acq: 18 Dec 2017 19:00

Tgt Ion:276 Resp: 778546

Ion	Ratio	Lower	Upper
276	100		
138	14.8	8.5	12.7#
277	24.8	18.6	28.0