Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121917\
Data File : BM013521.D
Acq On : 19 Dec 2017 20:04
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 20 03:19:58 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 20 03:10:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	131661	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	587476	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	384971	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	958458	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	928746	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	791019	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	21283	8.01	ng/uL	0.00
5) Phenol-d5	6.85	99	212182	18.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	125254	19.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	173271	19.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	172958	17.77	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	91342	19.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	98920	19.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	202111	19.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	219540	23.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	627077	18.30	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	819047	19.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	91613	15.39	ng/ul	0.00
57) Fluorene-d10	15.31	176	584209	19.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	95693	15.87	ng/ul	0.00
70) Anthracene-d10	17.16	188	950300	19.80	ng/ul	0.00
76) Pyrene-d10	19.46	212	1006839	21.76	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	774045	19.21	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	23362	7.828	ng/uL#	71
4) Benzaldehyde	6.83	77	117697	20.881	ng/ul	92
6) Phenol	6.87	94	217428	19.308	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.10	93	163532	18.993	ng/ul	98
10) 2-Chlorophenol	7.24	128	169073	19.371	ng/ul	94
11) 2-Methylphenol	8.12	108	158701	18.222	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.19	45	173743	19.218	ng/ul#	78
14) Acetophenone	8.49	105	279974	18.918	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.47	70	140071	18.789	ng/ul#	68
16) 4-Methylphenol	8.45	108	177282	19.035	ng/ul	90
17) Hexachloroethane	8.73	117	72953	19.198	ng/ul#	73
20) Nitrobenzene	8.87	77	228957	19.509	ng/ul	96
21) Isophorone	9.39	82	378972	18.351	ng/ul	95
23) 2-Nitrophenol	9.57	139	99871	19.320	ng/ul	87
24) 2,4-Dimethylphenol	9.63	107	211752	18.782	ng/ul#	88
25) Bis(2-Chloroethoxy)methane	9.87	93	225541	18.661	ng/ul	97
27) 2,4-Dichlorophenol	10.10	162	189606	19.977	ng/ul#	93
28) Naphthalene	10.50	128	594141	19.657	ng/ul	99
30) 4-Chloroaniline	10.62	127	209368	22.900	ng/ul	93
31) Hexachlorobutadiene	10.77	225	134443	19.556	ng/ul	94
32) Caprolactam	11.39	113	44424	14.645	ng/ul#	35
33) 4-Chloro-3-methylphenol	11.75	107	198921	19.106	ng/ul	95
34) 2-Methylnaphthalene	12.12	142	445938	19.627	ng/ul	93

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Quant Time: Dec 20 03:19:58 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 20 03:10:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	268939	19.360	ng/ul	97
37) Hexachlorocyclopentadiene	12.46	237	157607	17.238	ng/ul	96
38) 2,4,6-Trichlorophenol	12.74	196	173830	20.072	ng/ul	98
39) 2,4,5-Trichlorophenol	12.82	196	183432	19.940	ng/ul	97
40) 1,1'-Biphenyl	13.14	154	616759	18.956	ng/ul	97
41) 2-Chloronaphthalene	13.18	162	490291	19.208	ng/ul	96
42) 2-Nitroaniline	13.40	65	143989	19.254	ng/ul	97
44) Dimethylphthalate	13.78	163	601893	18.370	ng/ul	100
45) 2,6-Dinitrotoluene	13.90	165	122403	18.317	ng/ul#	98
47) Acenaphthylene	14.03	152	749296	19.153	ng/ul	98
48) 3-Nitroaniline	14.23	138	118785	19.886	ng/ul#	89
49) Acenaphthene	14.38	153	505492	18.968	ng/ul	99
50) 2,4-Dinitrophenol	14.45	184	61197	16.549	ng/ul	94
52) 4-Nitrophenol	14.55	109	95302	16.321	ng/ul#	81
53) Dibenzofuran	14.72	168	772486	19.635	ng/ul	99
54) 2,4-Dinitrotoluene	14.70	165	187693	19.308	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	14.94	232	162047	19.212	ng/ul#	89
56) Diethylphthalate	15.14	149	623986	18.988	ng/ul	93
58) Fluorene	15.37	166	632161	19.423	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.36	204	343036	19.419	ng/ul	96
60) 4-Nitroaniline	15.40	138	117354	16.652	ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.46	198	95349	15.825	ng/ul#	89
64) N-Nitrosodiphenylamine	15.58	169	541370	19.175	ng/ul	97
65) 4-Bromophenyl-phenylether	16.26	248	221276	19.639	ng/ul	95
66) Hexachlorobenzene	16.37	284	234561	18.878	ng/ul#	91
67) Atrazine	16.54	200	195841	18.792	ng/ul	97
68) Pentachlorophenol	16.72	266	114502	15.933	ng/ul	92
69) Phenanthrene	17.10	178	1065476	19.567	ng/ul	99
71) Anthracene	17.20	178	1078424	19.376	ng/ul	99
72) Carbazole	17.47	167	888896	18.567	ng/ul	99
73) Di-n-butylphthalate	18.04	149	1041876	18.642	ng/ul	99
74) Fluoranthene	19.13	202	1230724	18.444	ng/ul#	93
77) Pyrene	19.49	202	1237826	21.938	ng/ul#	93
78) Butylbenzylphthalate	20.40	149	447786	20.311	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.18	252	307517	15.751	ng/ul	93
80) Benzo(a)anthracene	21.24	228	1134421	19.251	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.18	149	578759	17.417	ng/ul#	99
82) Chrysene	21.30	228	1040777	19.038	ng/ul	98
84) Di-n-octyl phthalate	22.05	149	976592	17.362	ng/ul	98
85) Benzo(b)fluoranthene	22.81	252	1038409	19.474	ng/ul#	99
86) Benzo(k)fluoranthene	22.86	252	958828	19.107	ng/ul#	97
88) Benzo(a)pyrene	23.39	252	934332	19.506	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.71	276	982958	20.682	ng/ul#	92
90) Dibenzo(a,h)anthracene	25.73	278	840130	20.759	ng/ul#	98
91) Benzo(g,h,i)perylene	26.40	276	738766	19.706	ng/ul#	93

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

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Instrument :
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Quant Title : SVOA CALIBRATION
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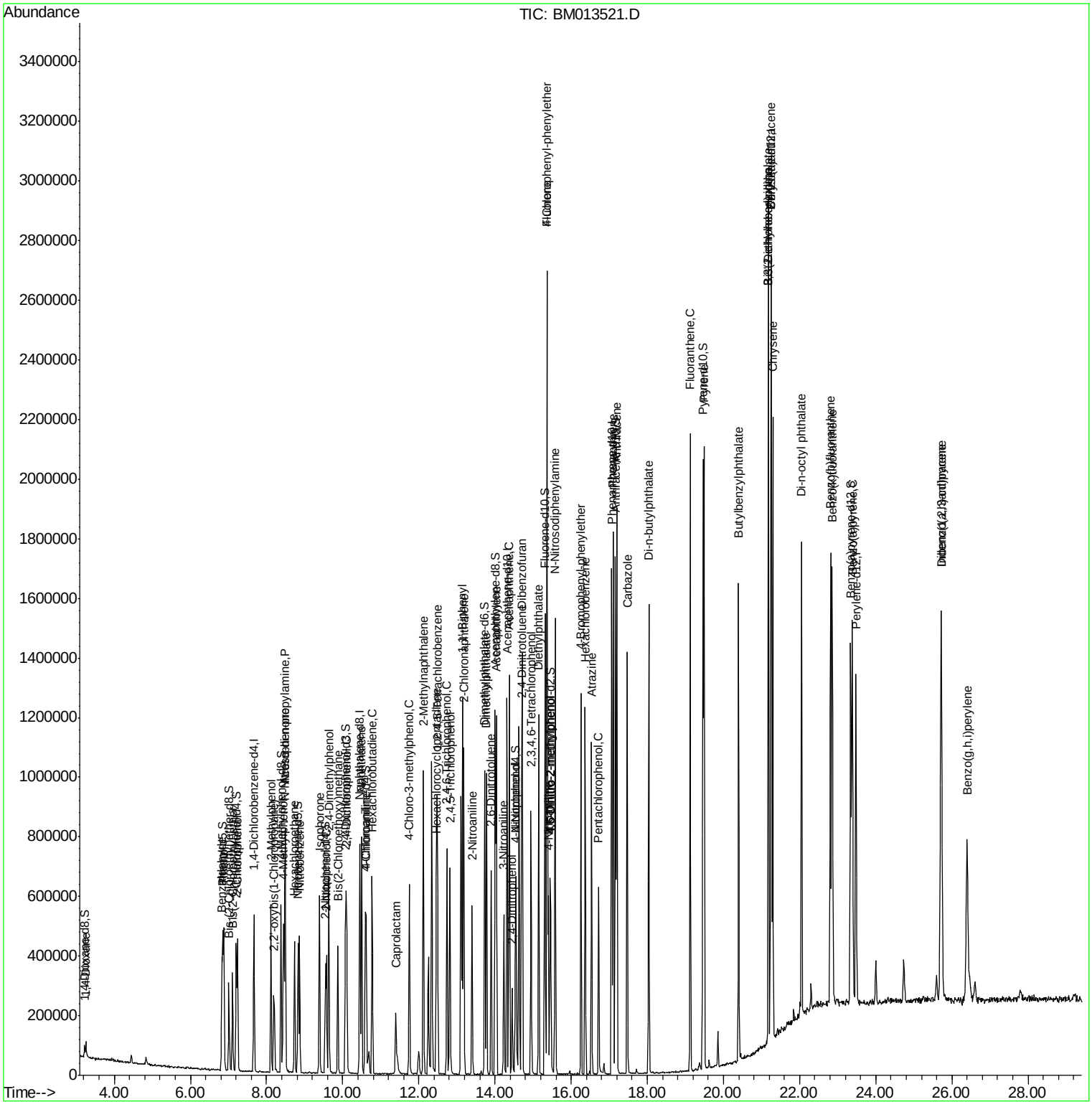
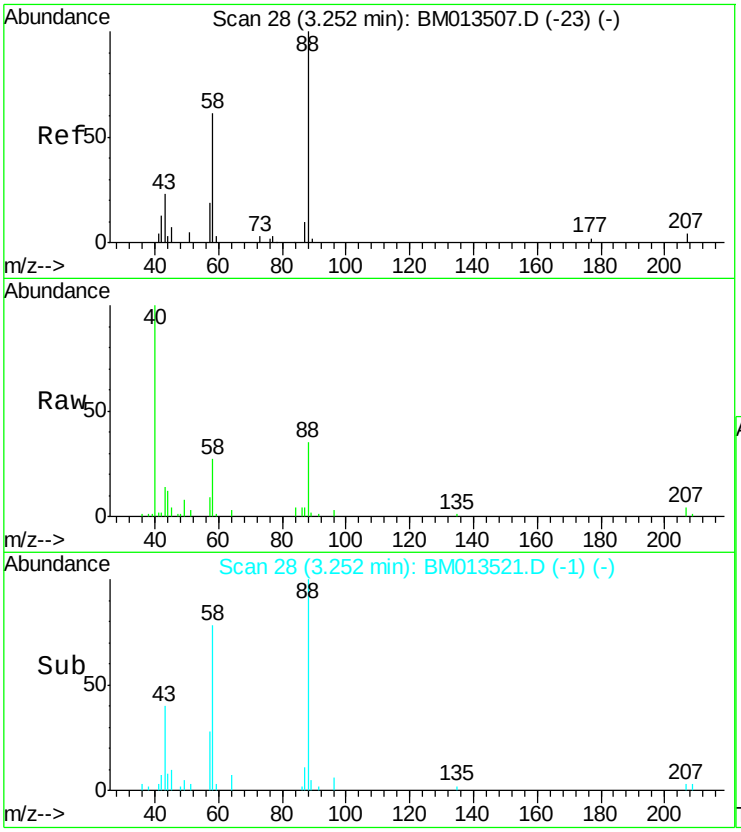


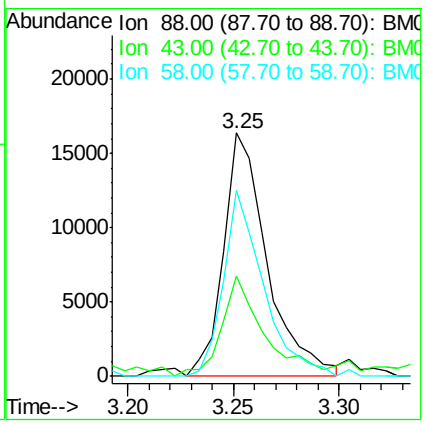


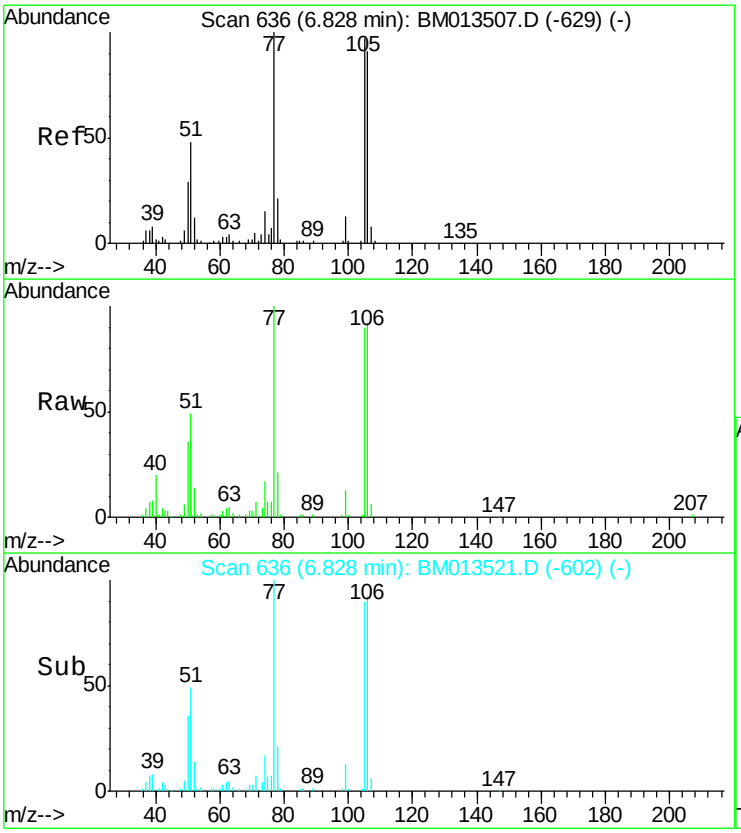
#2
1,4-Dioxane
Concen: 7.828 ng/uL
RT: 3.25 min Scan# 28
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 23362

Ion	Ratio	Lower	Upper
88	100		
43	40.0	48.0	72.0#
58	69.8	80.0	120.0#

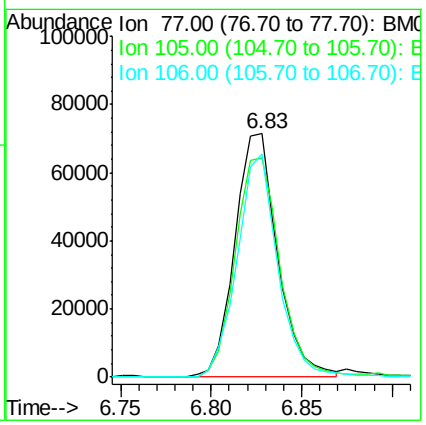


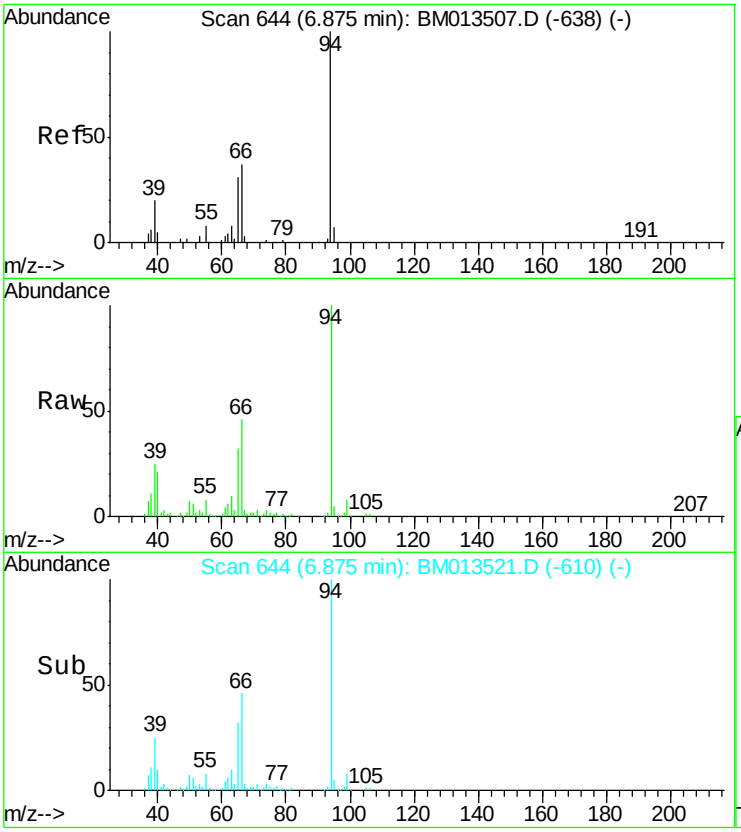


#4
Benzaldehyde
Concen: 20.881 ng/ul
RT: 6.83 min Scan# 636
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Tgt Ion: 77 Resp: 117697

Ion	Ratio	Lower	Upper
77	100		
105	90.3	66.1	99.1
106	91.7	67.8	101.6



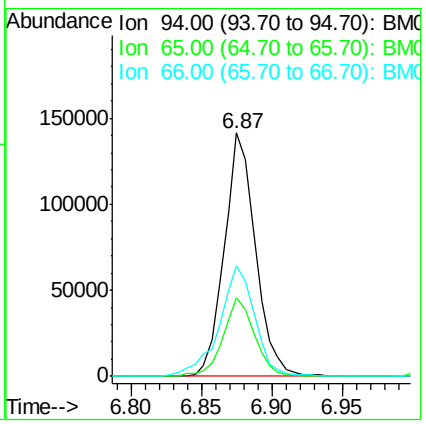


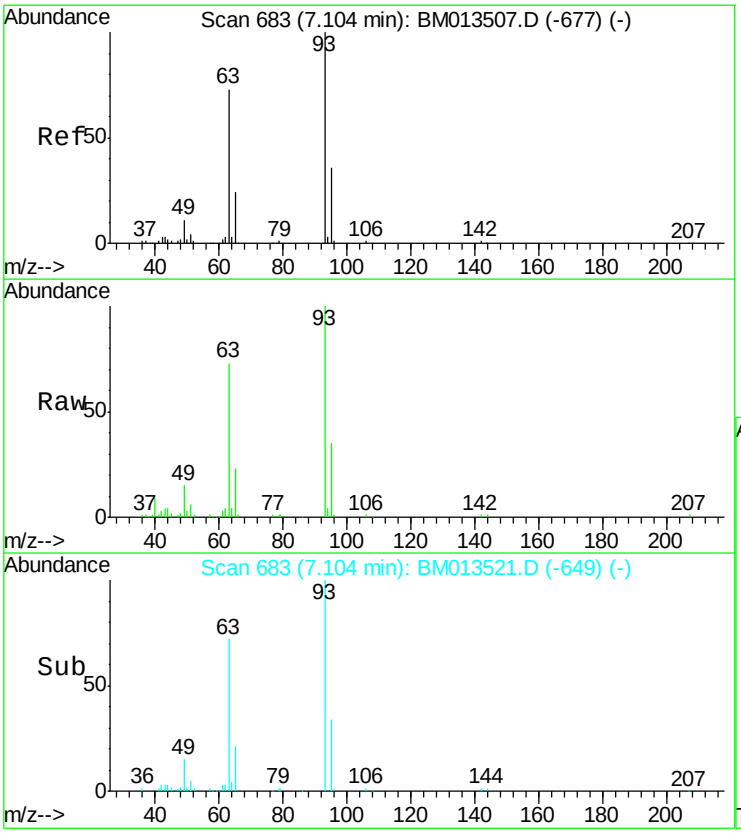
#6
Phenol
Concen: 19.308 ng/ul
RT: 6.87 min Scan# 644
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 217428

Ion	Ratio	Lower	Upper
94	100		
65	32.0	28.2	42.4
66	45.6	47.2	70.8#

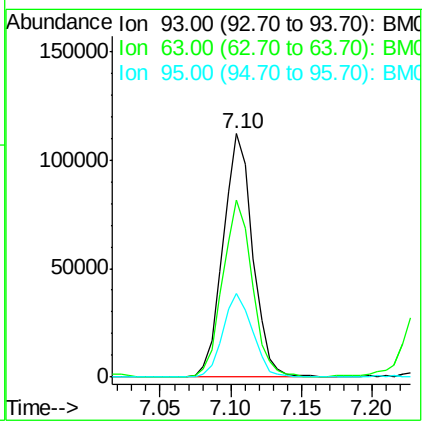


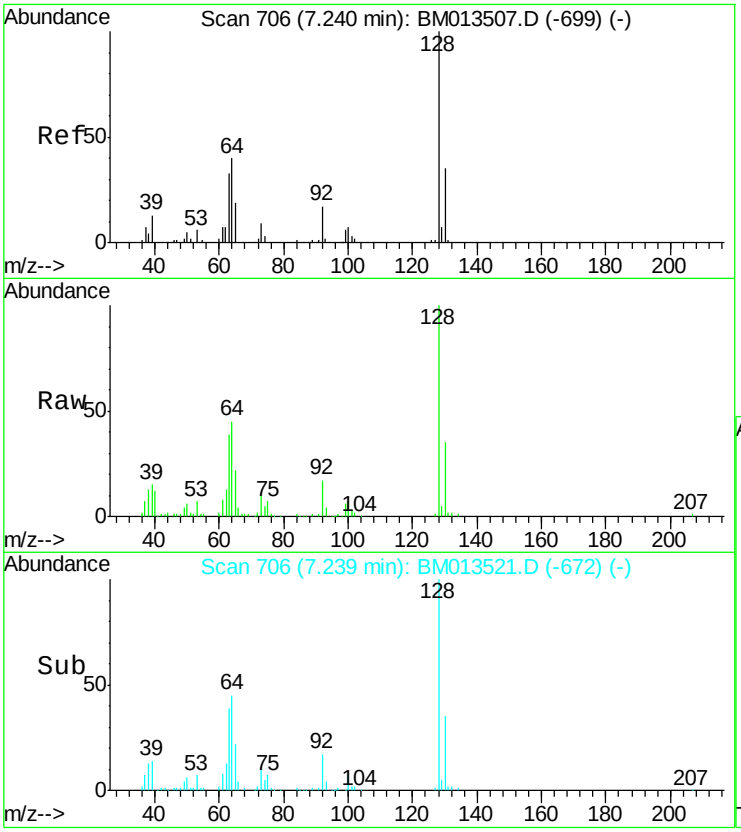


#8
Bis(2-Chloroethyl)ether
Concen: 18.993 ng/ul
RT: 7.10 min Scan# 683
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Tgt Ion: 93 Resp: 163532

Ion	Ratio	Lower	Upper
93	100		
63	72.9	57.3	85.9
95	34.5	26.6	39.8



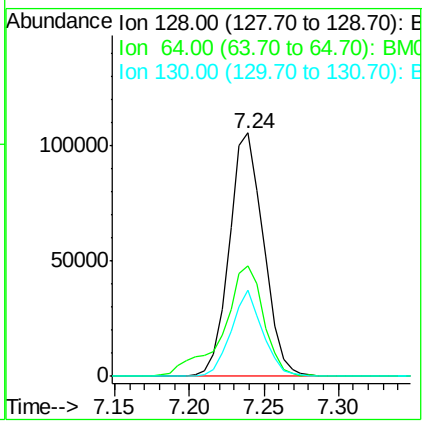


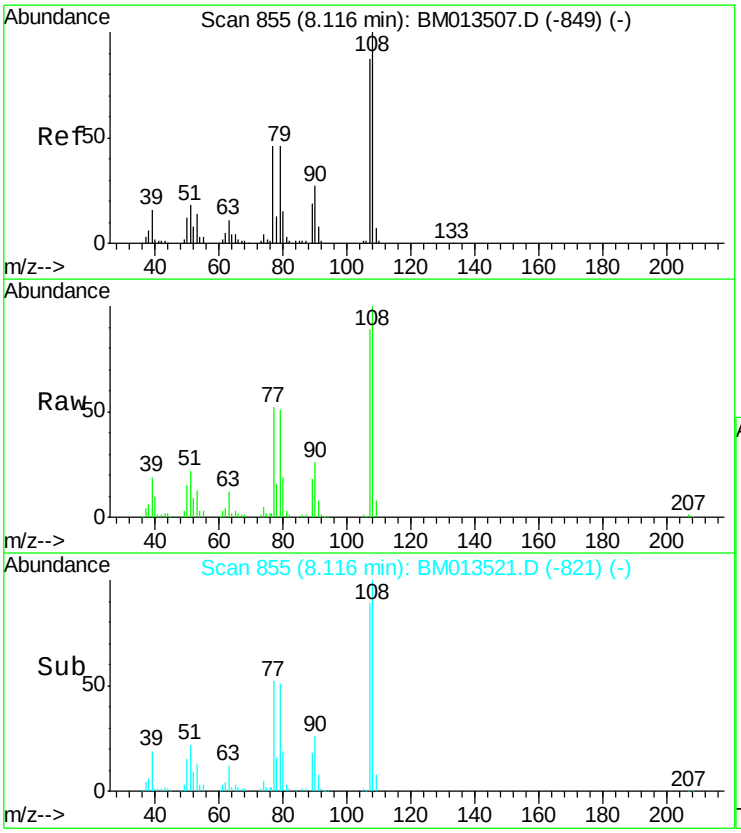
#10
2-Chlorophenol
Concen: 19.371 ng/ul
RT: 7.24 min Scan# 706
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 169073

Ion	Ratio	Lower	Upper
128	100		
64	45.2	38.0	57.0
130	35.3	24.4	36.6

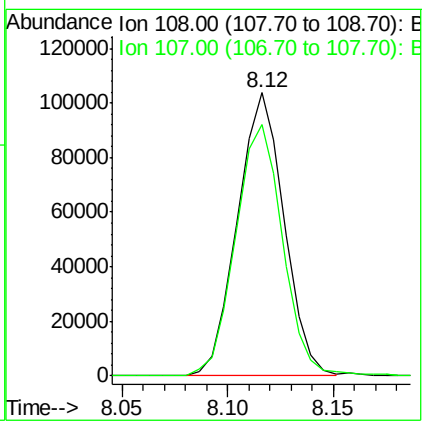


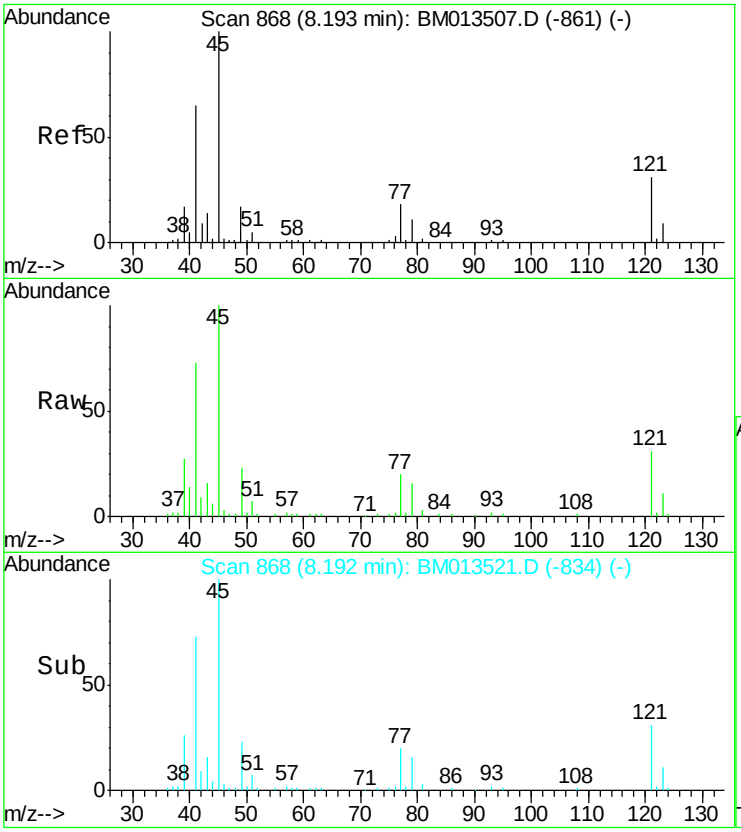


#11
2-Methylphenol
Concen: 18.222 ng/ul
RT: 8.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Tgt Ion:108 Resp: 158701

Ion	Ratio	Lower	Upper
108	100		
107	88.9	72.6	108.8



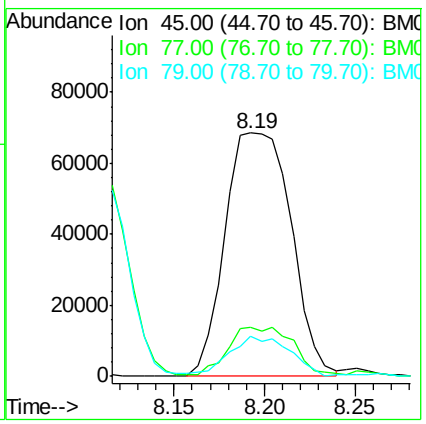


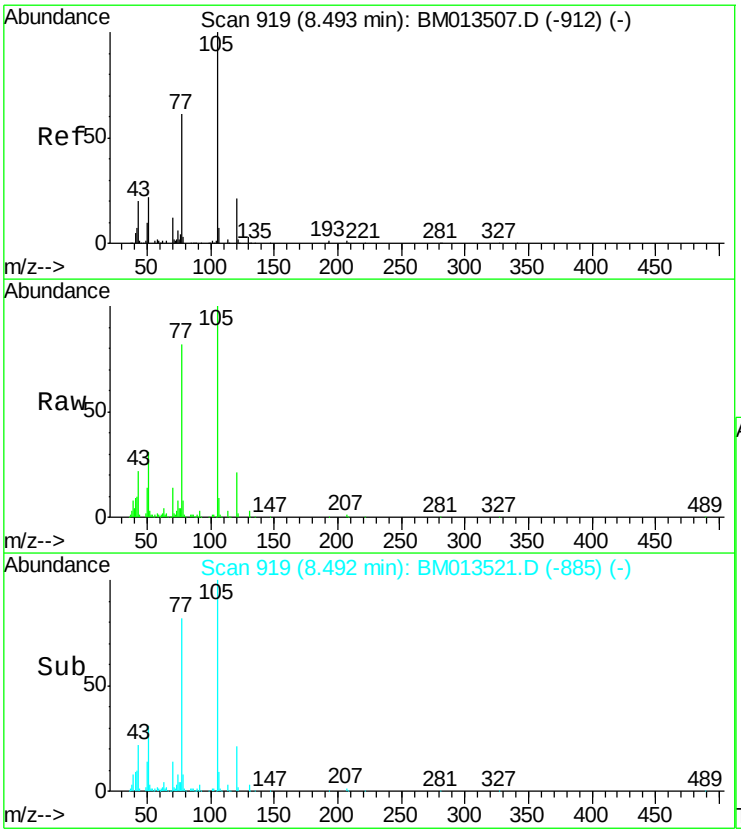
#12
2,2'-oxybis(1-Chloropropane)
Concen: 19.218 ng/ul
RT: 8.19 min Scan# 868
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 45 Resp: 173743

Ion	Ratio	Lower	Upper
45	100		
77	20.0	8.0	12.0#
79	16.4	8.0	12.0#

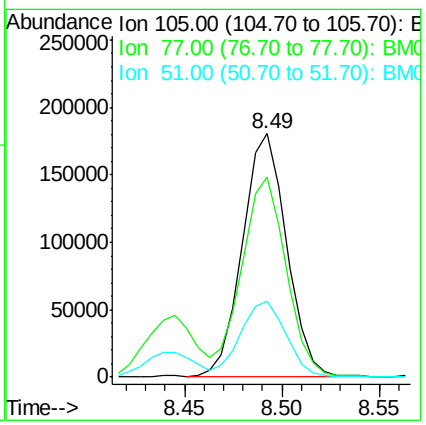


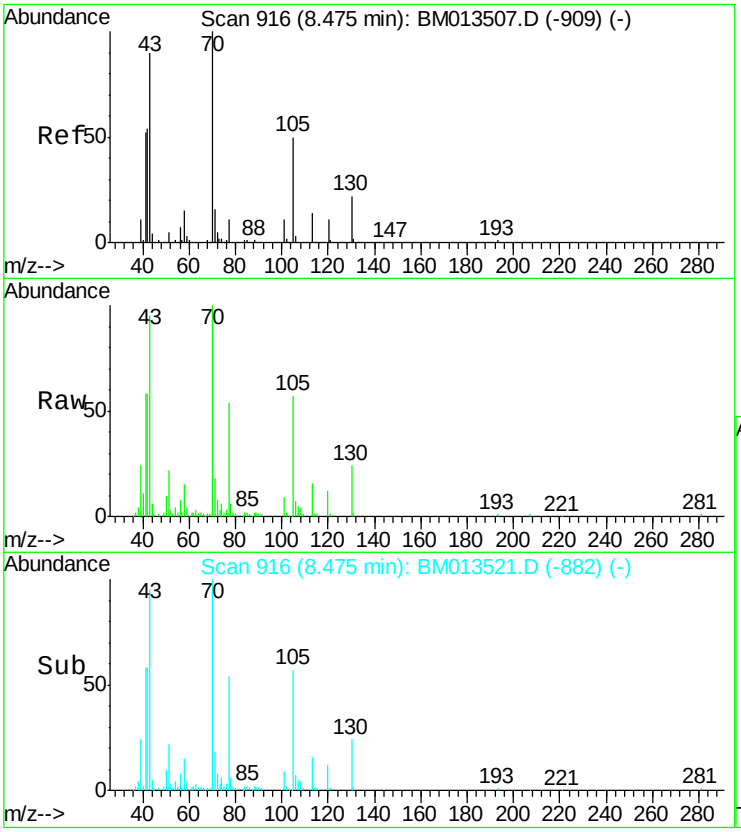


#14
Acetophenone
Concen: 18.918 ng/ul
RT: 8.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Tgt Ion:105 Resp: 279974

Ion	Ratio	Lower	Upper
105	100		
77	82.3	74.2	111.4
51	31.3	23.4	35.2



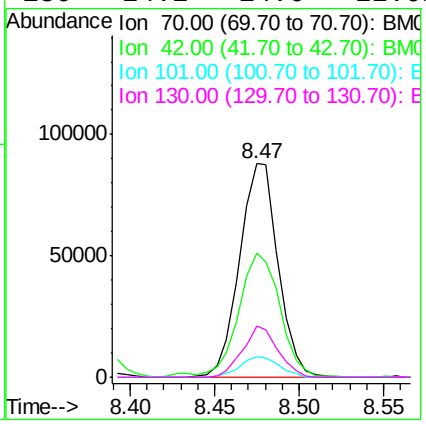


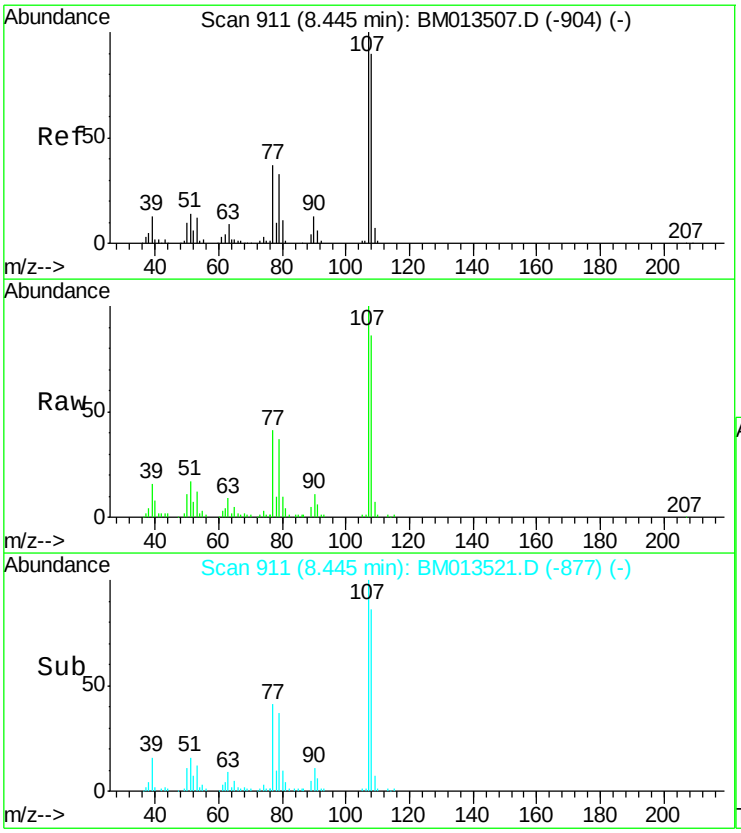
#15
N-Nitroso-di-n-propylamine
Concen: 18.789 ng/ul
RT: 8.47 min Scan# 916
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 70 Resp: 140071

Ion	Ratio	Lower	Upper
70	100		
42	58.4	76.0	114.0#
101	9.3	6.7	10.1
130	24.2	14.6	22.0#

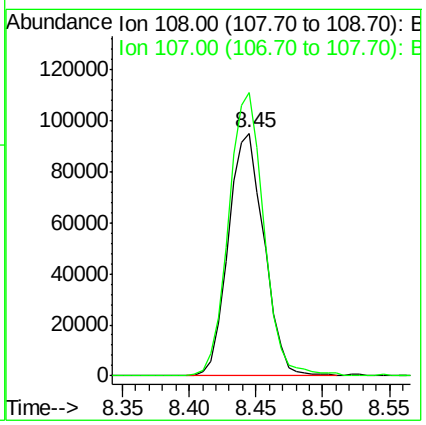


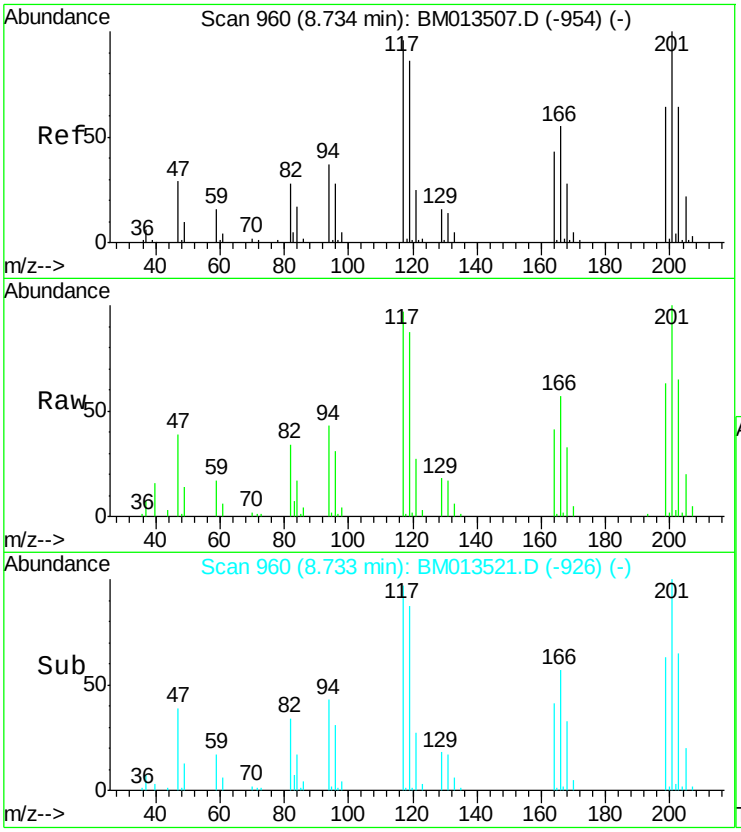


#16
4-Methylphenol
Concen: 19.035 ng/ul
RT: 8.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Tgt Ion:108 Resp: 177282

Ion	Ratio	Lower	Upper
108	100		
107	116.6	84.9	127.3



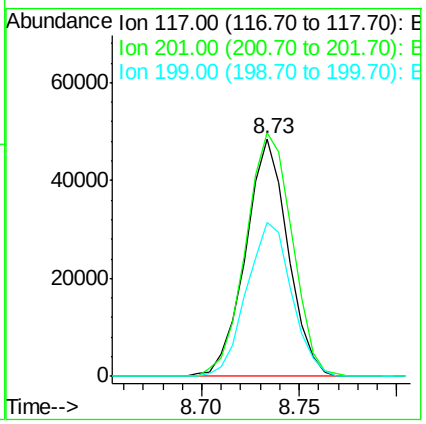


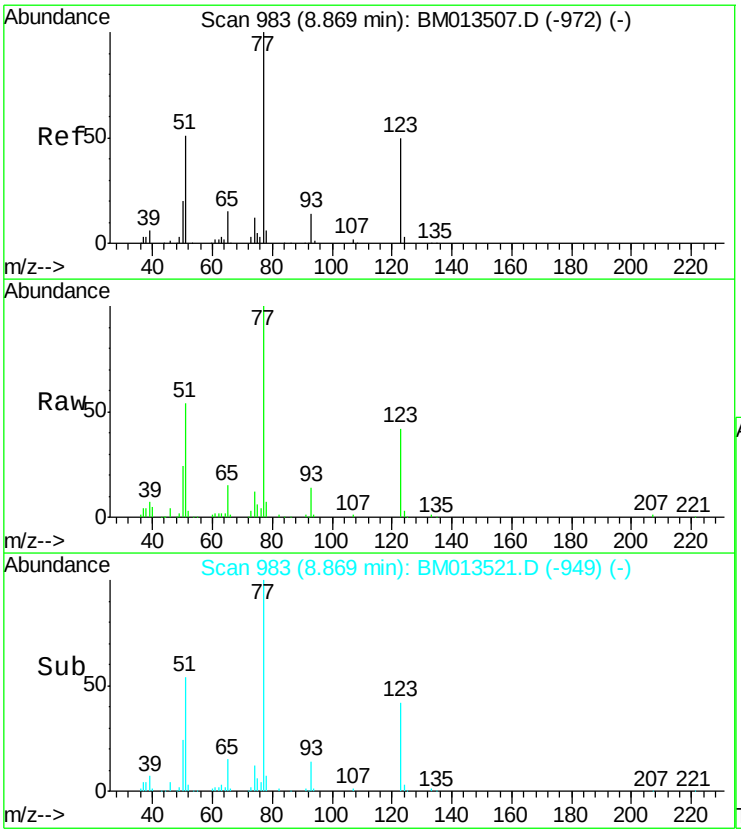
#17
Hexachloroethane
Concen: 19.198 ng/ul
RT: 8.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 72953

Ion	Ratio	Lower	Upper
117	100		
201	102.6	111.6	167.4#
199	64.9	67.8	101.6#

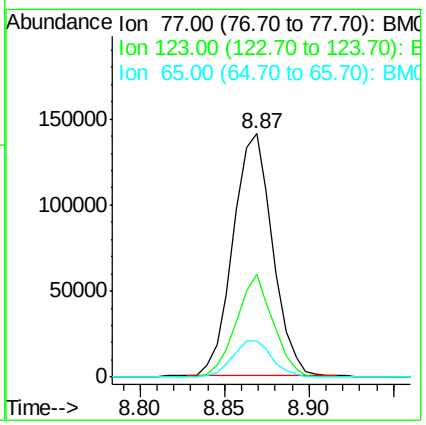


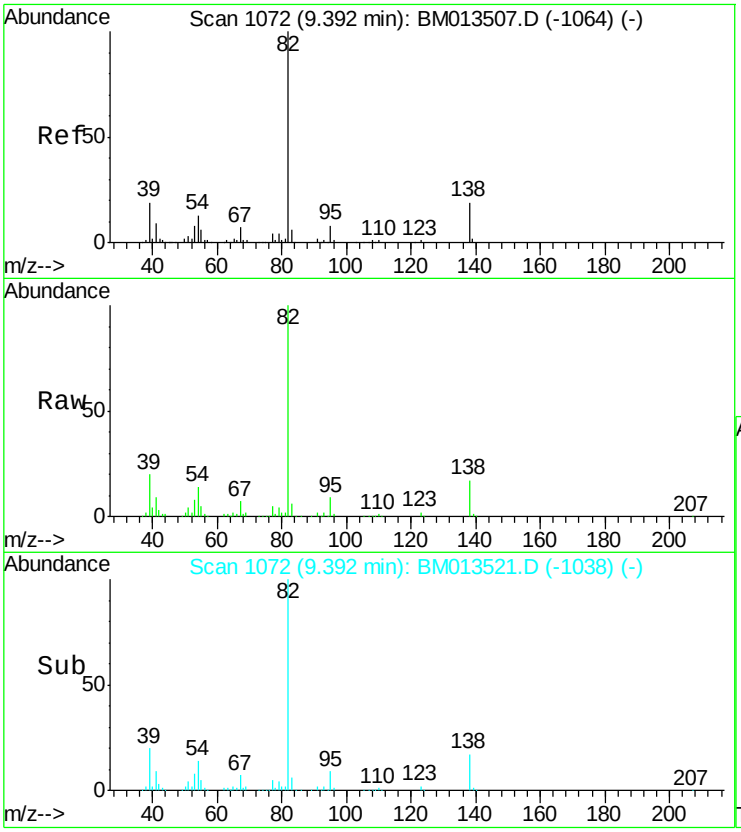


#20
Nitrobenzene
Concen: 19.509 ng/ul
RT: 8.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Tgt Ion: 77 Resp: 228957

Ion	Ratio	Lower	Upper
77	100		
123	42.2	31.0	46.6
65	14.8	12.2	18.2



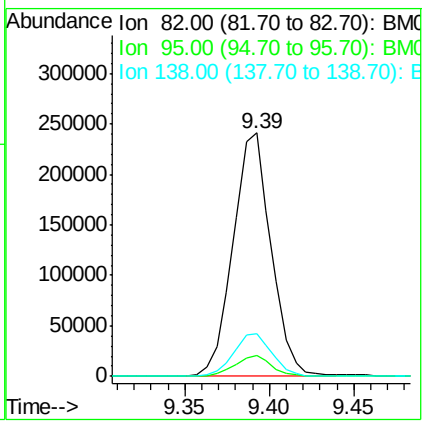


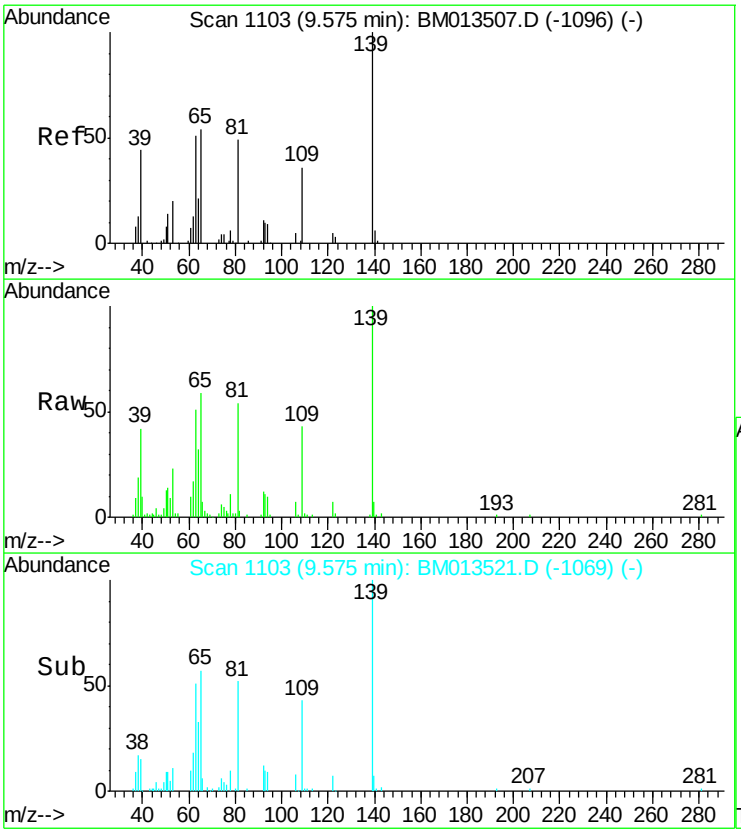
#21
Isophorone
Concen: 18.351 ng/ul
RT: 9.39 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 378972

Ion	Ratio	Lower	Upper
82	100		
95	8.6	7.8	11.8
138	17.3	11.9	17.9

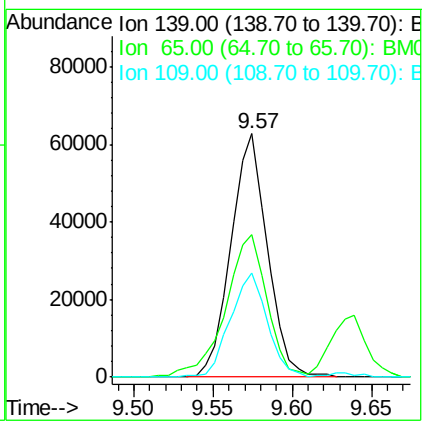


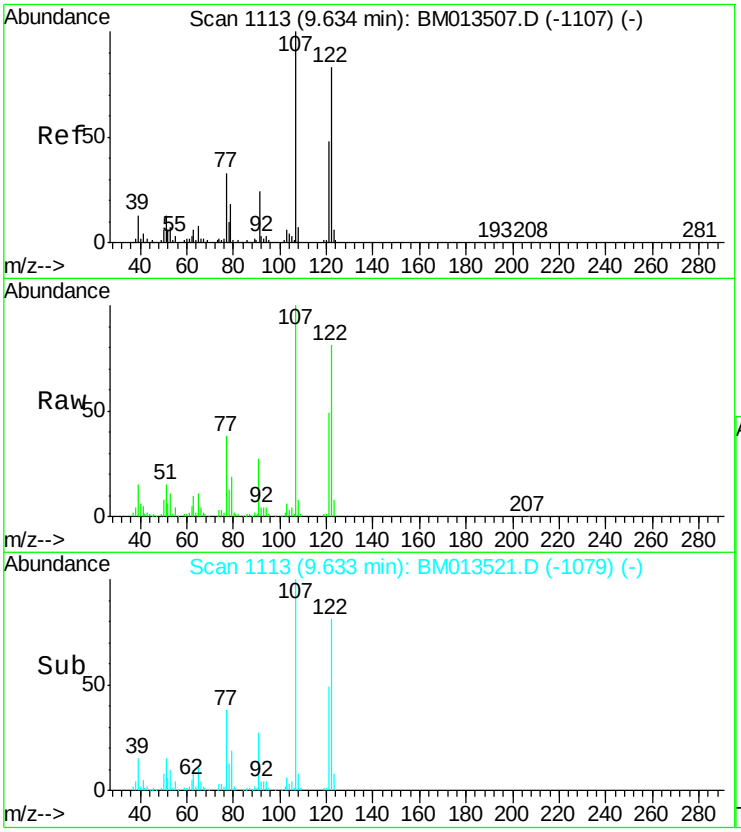


#23
2-Nitrophenol
Concen: 19.320 ng/ul
RT: 9.57 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Tgt Ion:139 Resp: 99871

Ion	Ratio	Lower	Upper
139	100		
65	58.8	55.4	83.0
109	42.7	42.2	63.2



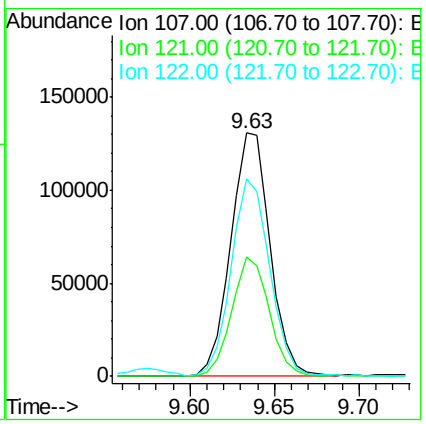


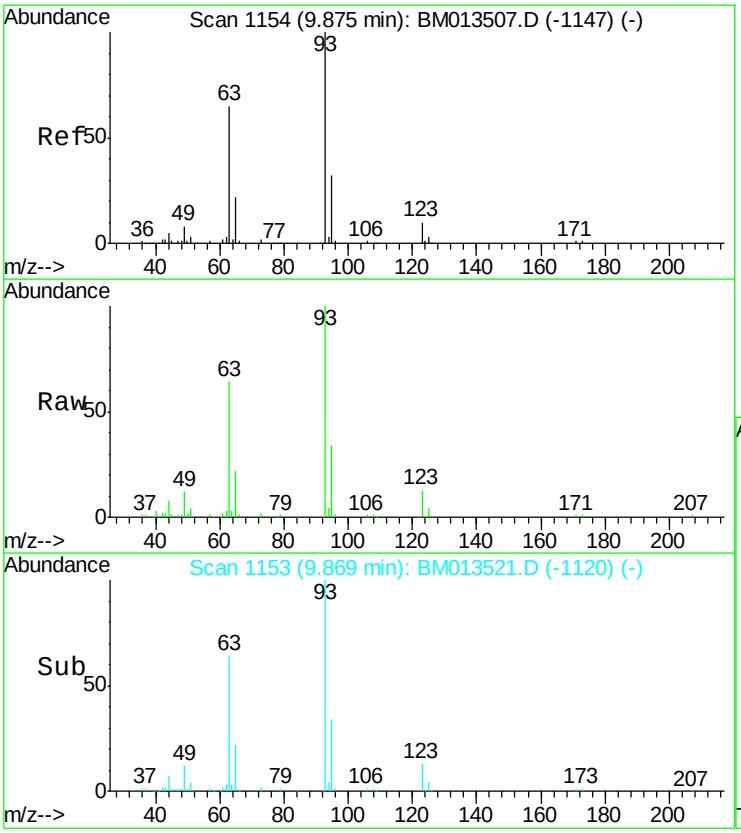
#24
2,4-Dimethylphenol
Concen: 18.782 ng/ul
RT: 9.63 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 211752

Ion	Ratio	Lower	Upper
107	100		
121	49.3	31.9	47.9#
122	81.3	57.8	86.6

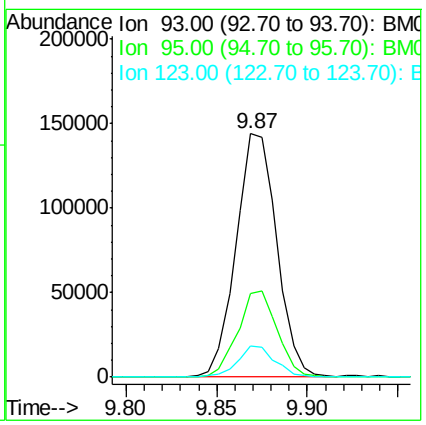


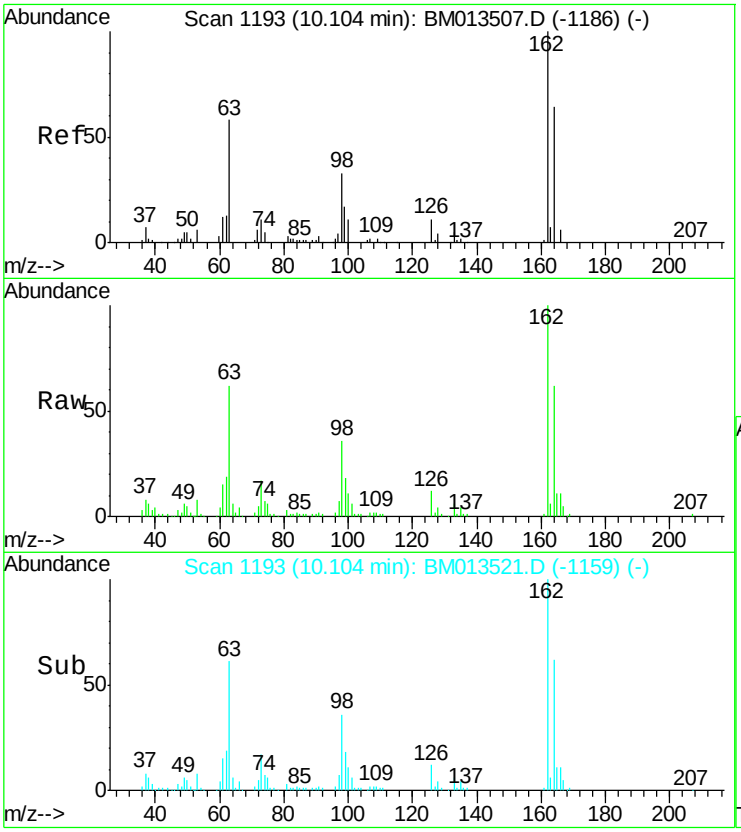


#25
Bis(2-Chloroethoxy)methane
Concen: 18.661 ng/ul
RT: 9.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Tgt Ion: 93 Resp: 225541

Ion	Ratio	Lower	Upper
93	100		
95	34.1	28.5	42.7
123	12.9	8.9	13.3



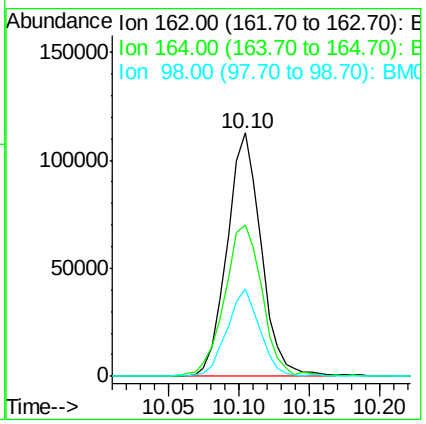


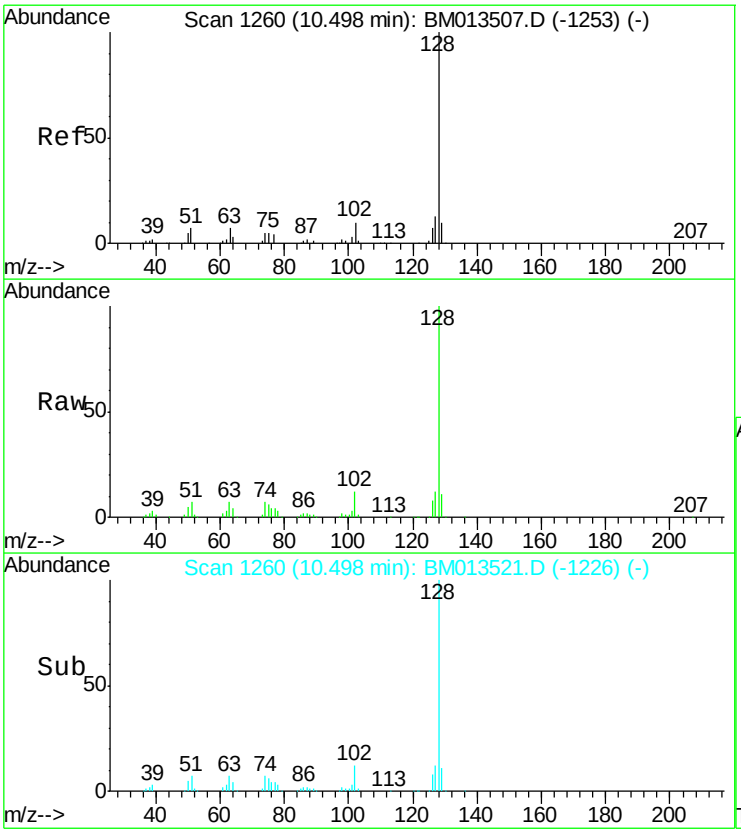
#27
2,4-Dichlorophenol
Concen: 19.977 ng/ul
RT: 10.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:162 Resp: 189606

Ion	Ratio	Lower	Upper
162	100		
164	62.4	47.8	71.6
98	35.8	23.0	34.4#

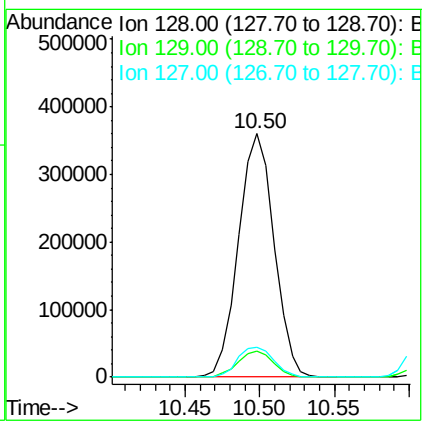


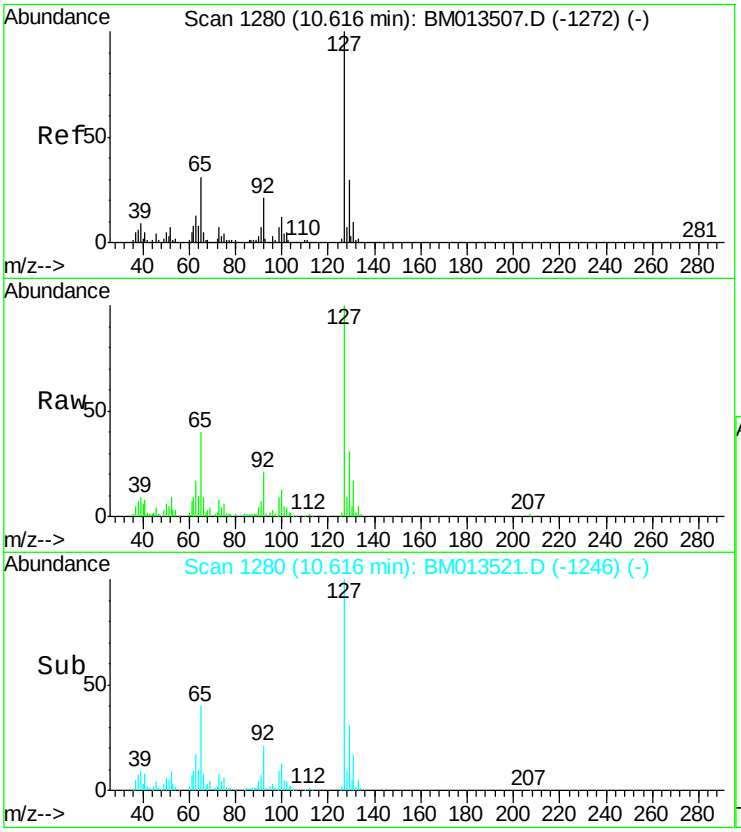


#28
Naphthalene
Concen: 19.657 ng/ul
RT: 10.50 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Tgt Ion:128 Resp: 594141

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.4	10.6	16.0



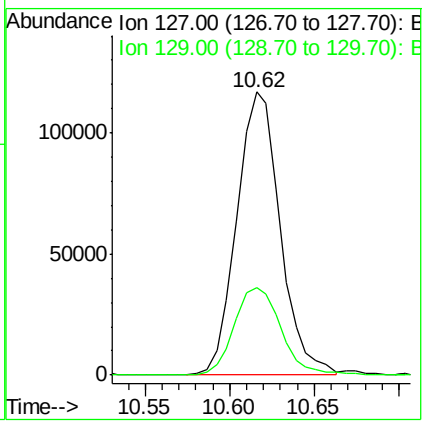


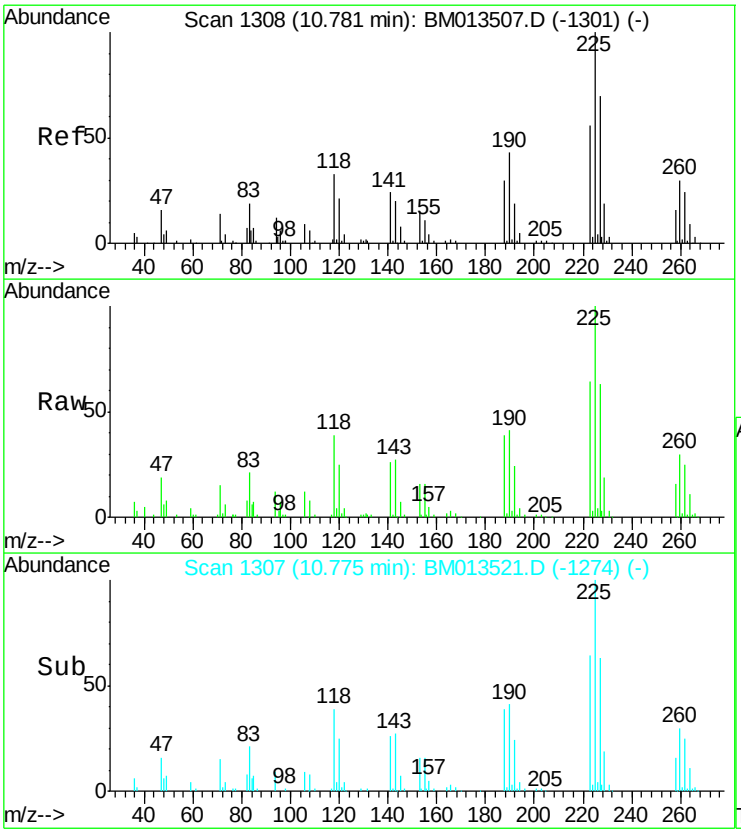
#30
4-Chloroaniline
Concen: 22.900 ng/ul
RT: 10.62 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp: 209368

Ion	Ratio	Lower	Upper
127	100		
129	31.1	28.4	42.6

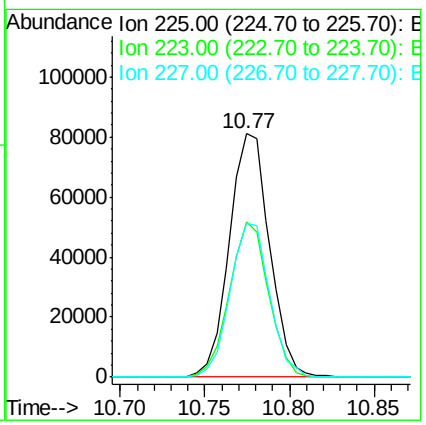


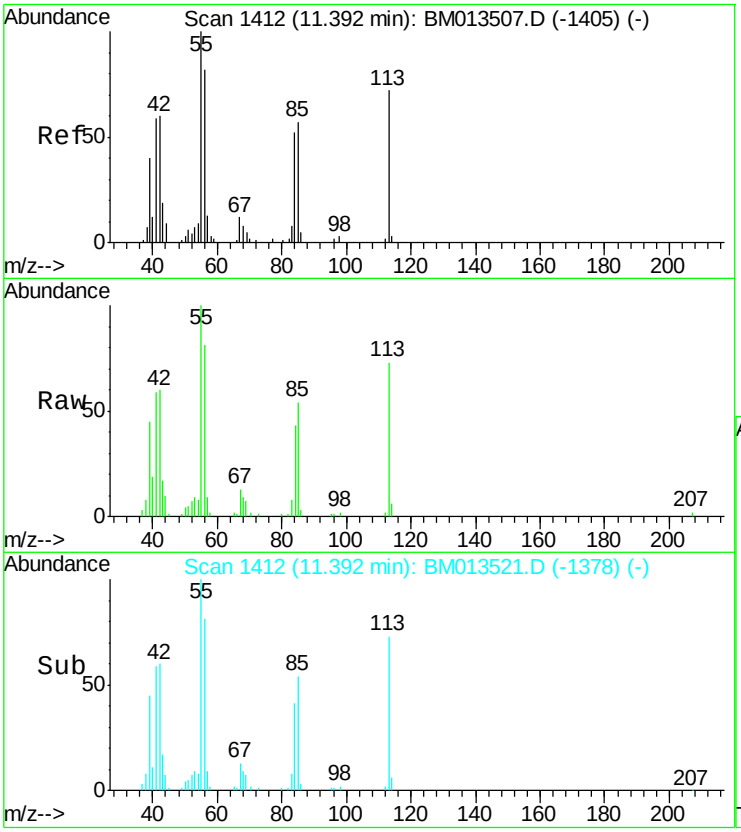


#31
Hexachlorobutadiene
Concen: 19.556 ng/ul
RT: 10.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Tgt Ion:225 Resp: 134443

Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.4	74.2
227	63.2	45.4	68.2



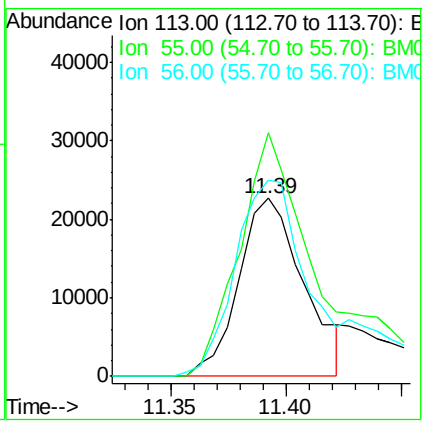


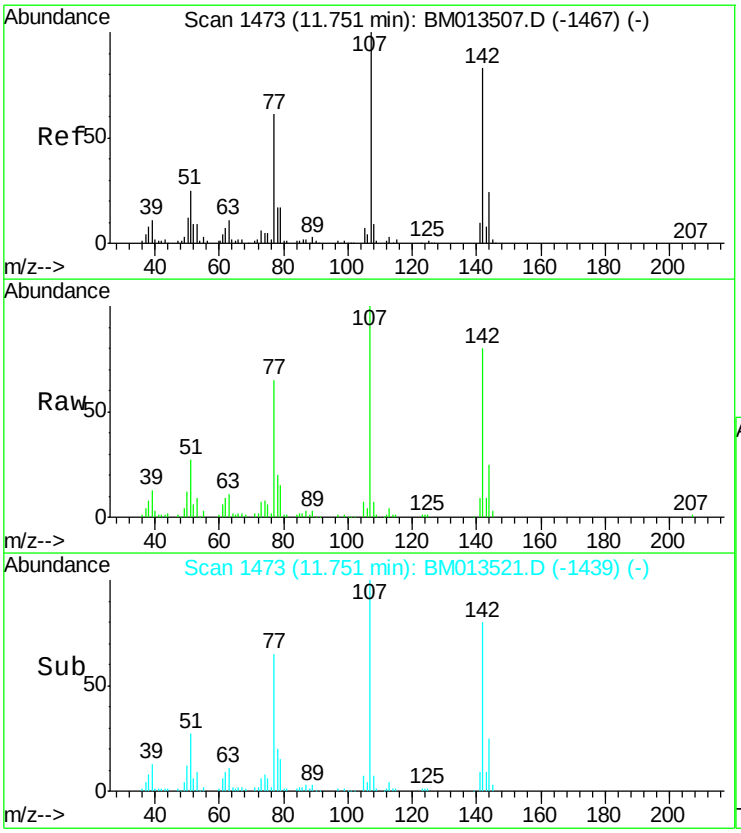
#32
Caprolactam
Concen: 14.645 ng/ul
RT: 11.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:113 Resp: 44424

Ion	Ratio	Lower	Upper
113	100		
55	136.7	208.0	312.0#
56	110.1	160.0	240.0#

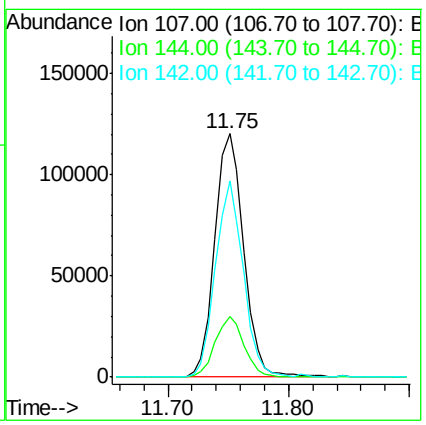


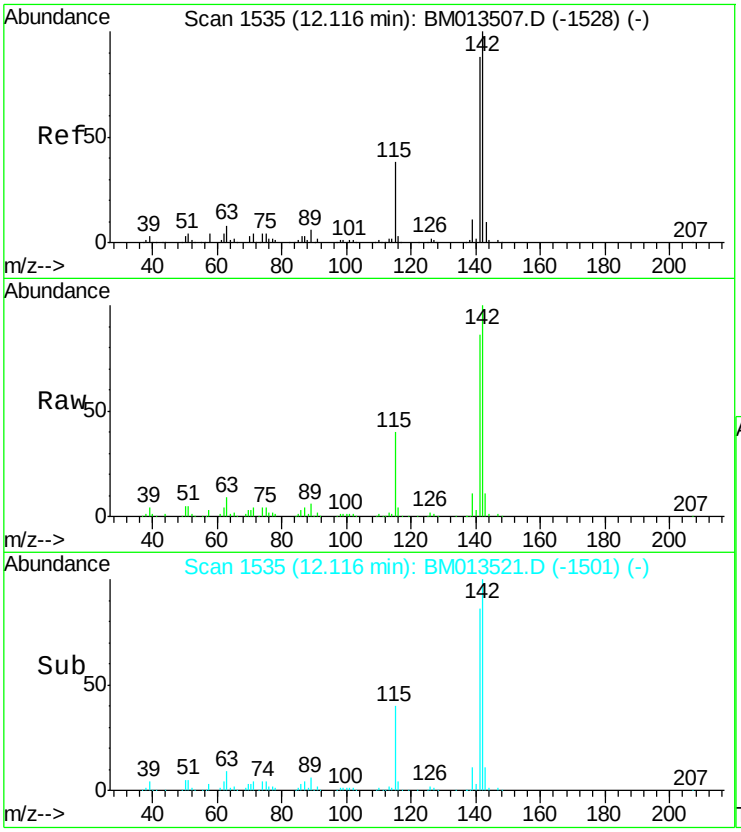


#33
4-Chloro-3-methylphenol
Concen: 19.106 ng/ul
RT: 11.75 min Scan# 1473
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Tgt Ion:107 Resp: 198921

Ion	Ratio	Lower	Upper
107	100		
144	24.7	20.4	30.6
142	80.4	60.5	90.7



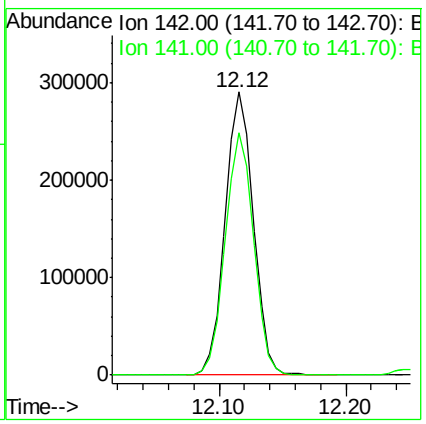


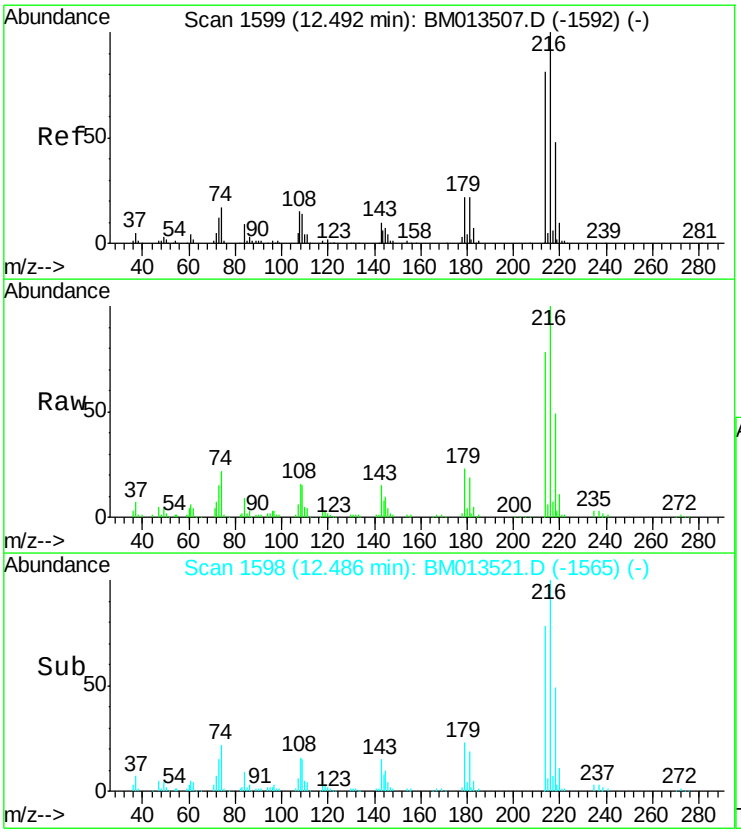
#34
2-Methylnaphthalene
Concen: 19.627 ng/ul
RT: 12.12 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 445938

Ion	Ratio	Lower	Upper
142	100		
141	85.6	74.1	111.1

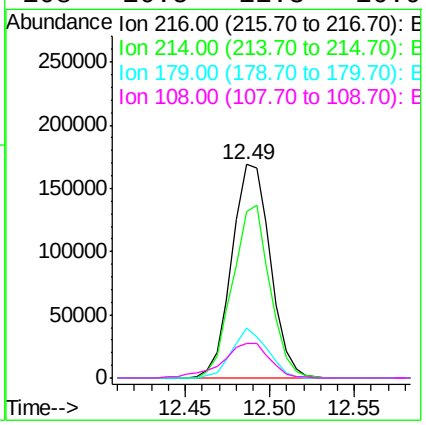


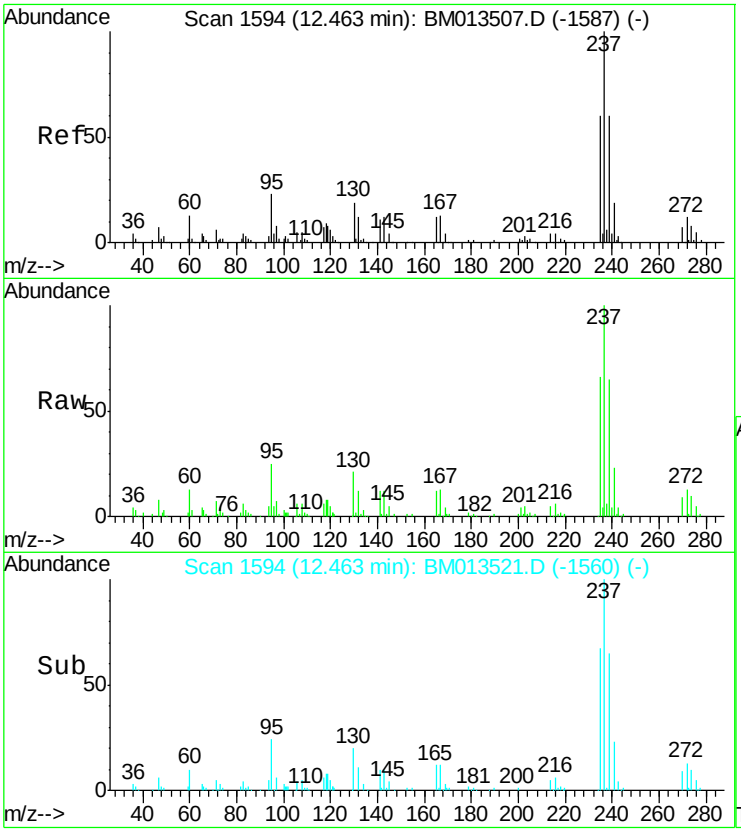


#36
1,2,4,5-Tetrachlorobenzene
Concen: 19.360 ng/ul
RT: 12.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Tgt Ion:216 Resp: 268939

Ion	Ratio	Lower	Upper
216	100		
214	78.1	60.6	90.8
179	23.5	17.5	26.3
108	16.5	11.3	16.9



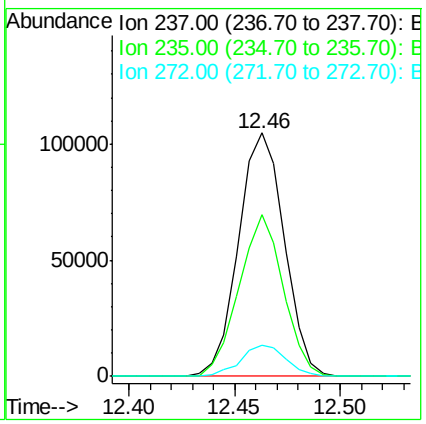


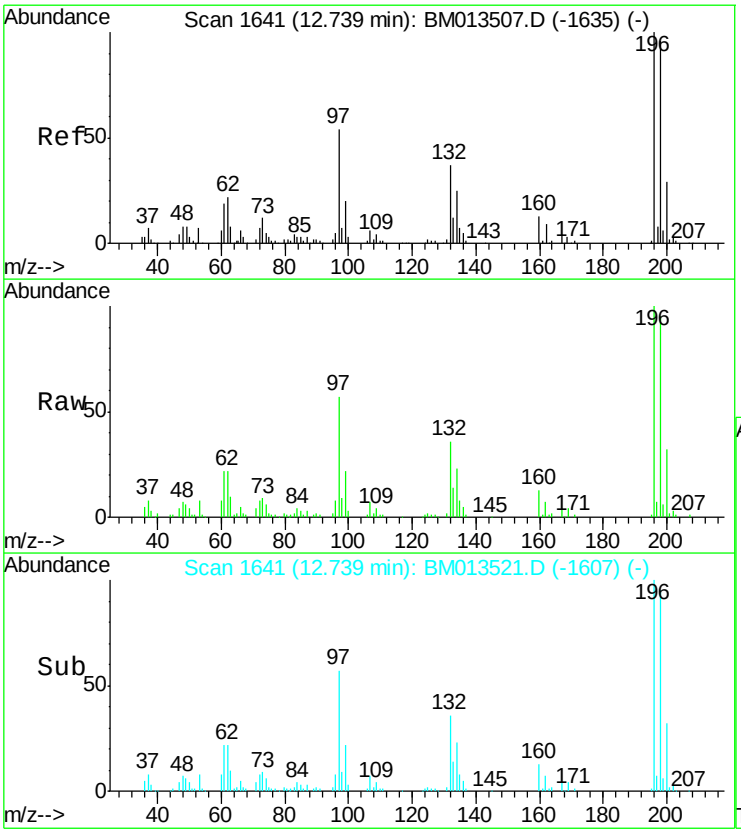
#37
Hexachlorocyclopentadiene
Concen: 17.238 ng/ul
RT: 12.46 min Scan# 1594
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:237 Resp: 157607

Ion	Ratio	Lower	Upper
237	100		
235	66.3	50.2	75.4
272	13.0	11.0	16.6

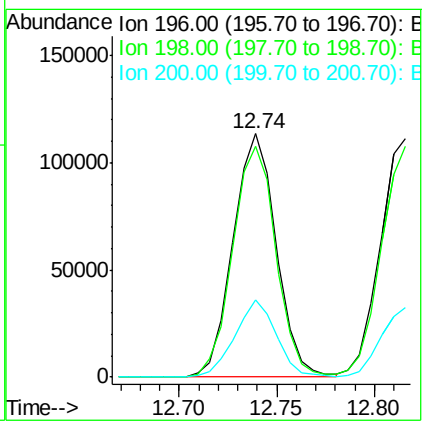


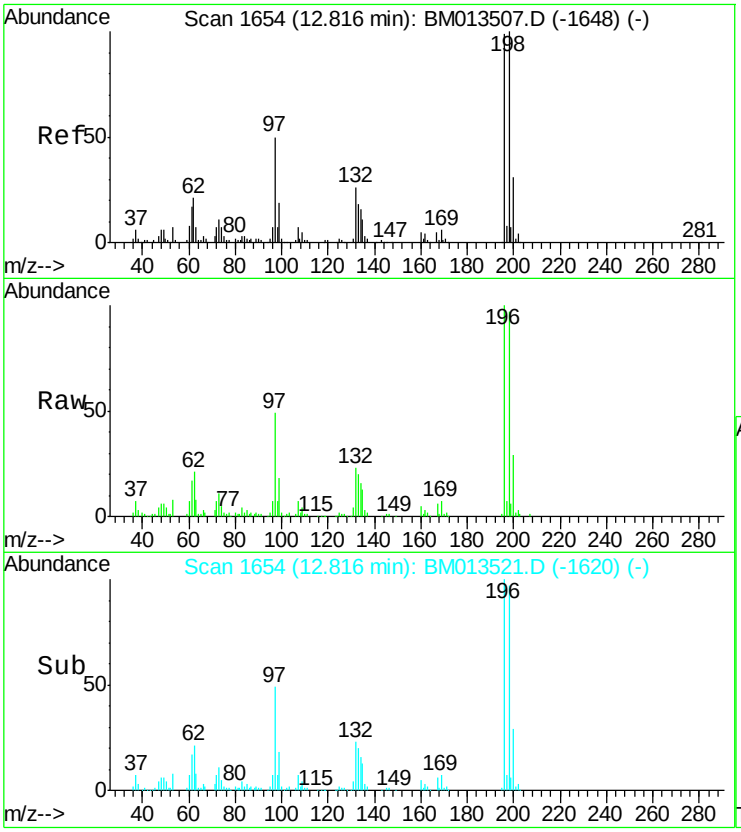


#38
2,4,6-Trichlorophenol
Concen: 20.072 ng/ul
RT: 12.74 min Scan# 1641
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Tgt Ion:196 Resp: 173830

Ion	Ratio	Lower	Upper
196	100		
198	94.7	74.1	111.1
200	31.8	25.2	37.8



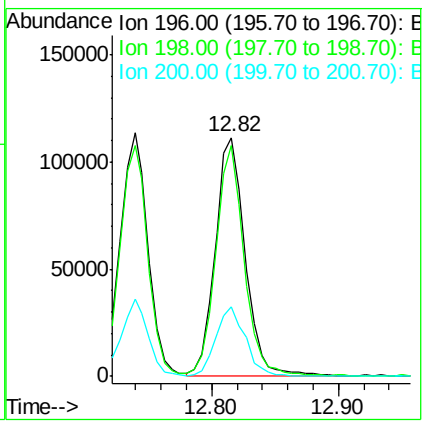


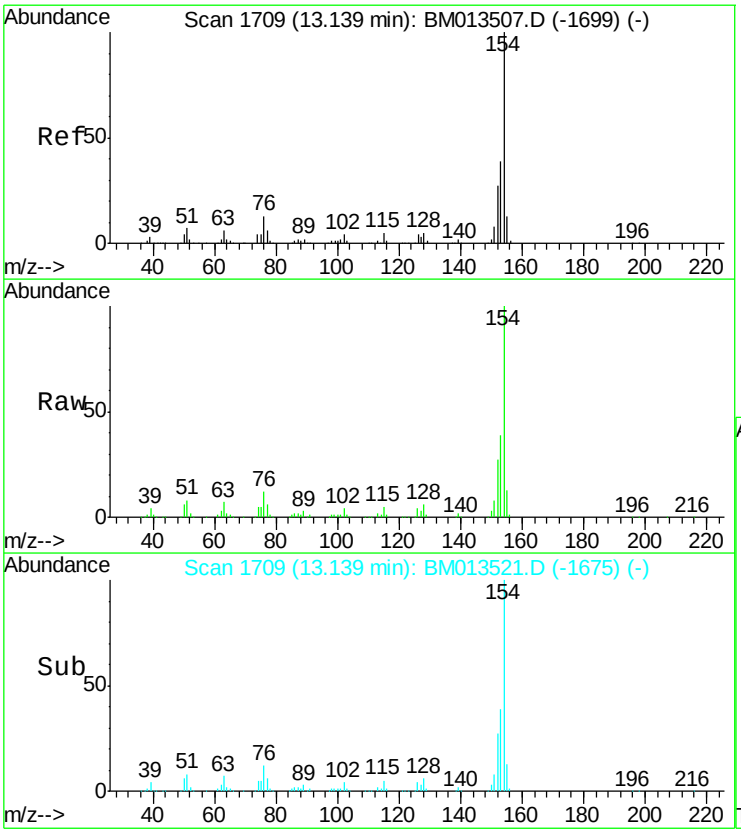
#39
2,4,5-Trichlorophenol
Concen: 19.940 ng/ul
RT: 12.82 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:196 Resp: 183432

Ion	Ratio	Lower	Upper
196	100		
198	96.8	75.6	113.4
200	29.2	25.5	38.3

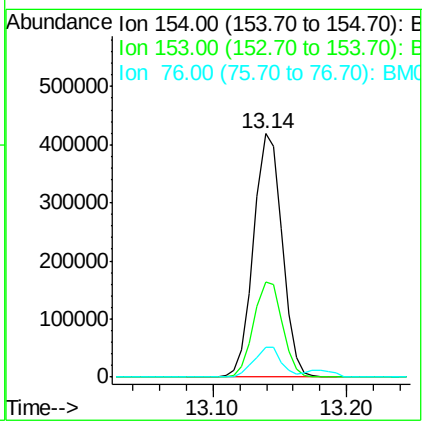


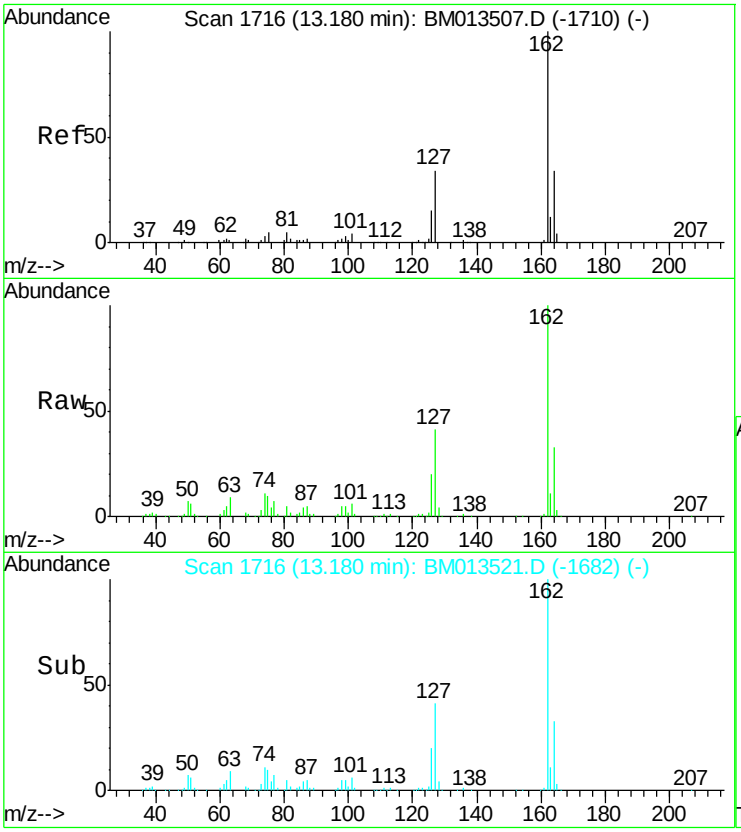


#40
1,1'-Biphenyl
Concen: 18.956 ng/ul
RT: 13.14 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Tgt Ion:154 Resp: 616759

Ion	Ratio	Lower	Upper
154	100		
153	39.1	32.6	48.8
76	12.4	8.5	12.7



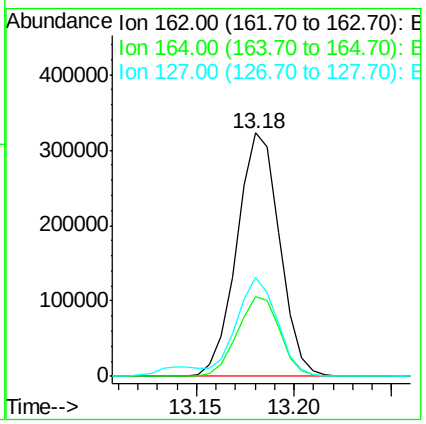


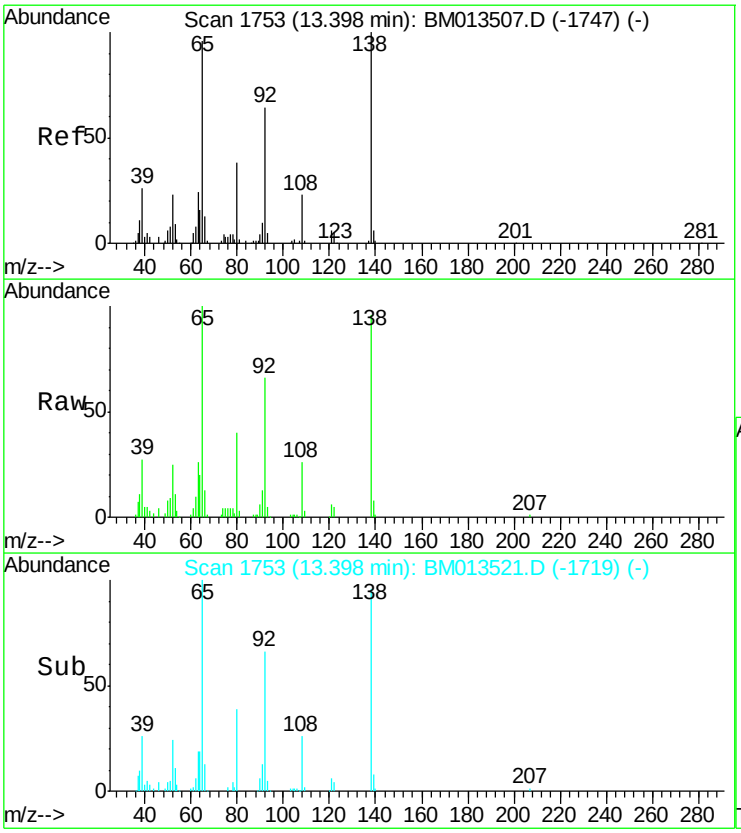
#41
2-Chloronaphthalene
Concen: 19.208 ng/ul
RT: 13.18 min Scan# 1716
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:162 Resp: 490291

Ion	Ratio	Lower	Upper
162	100		
164	32.5	25.9	38.9
127	40.8	29.4	44.2

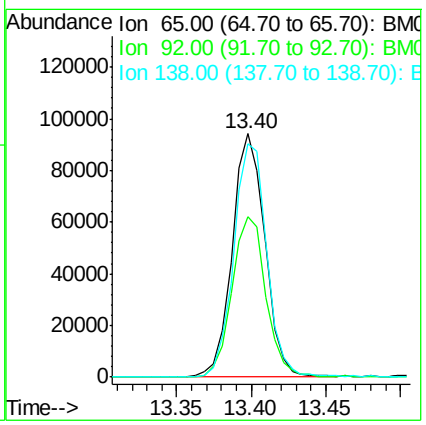


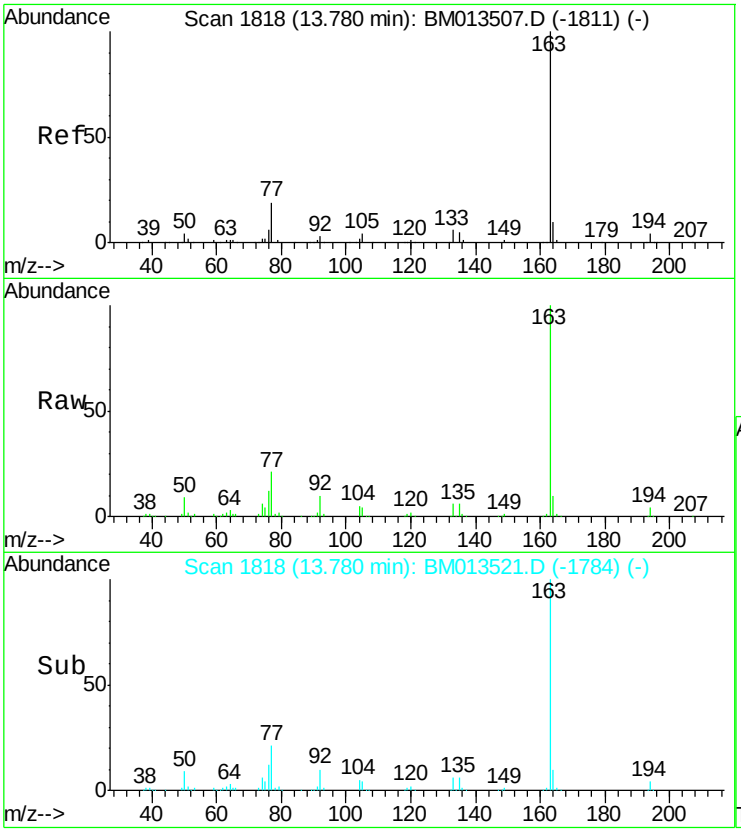


#42
2-Nitroaniline
Concen: 19.254 ng/ul
RT: 13.40 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Tgt Ion: 65 Resp: 143989

Ion	Ratio	Lower	Upper
65	100		
92	66.1	51.8	77.6
138	95.9	74.2	111.4



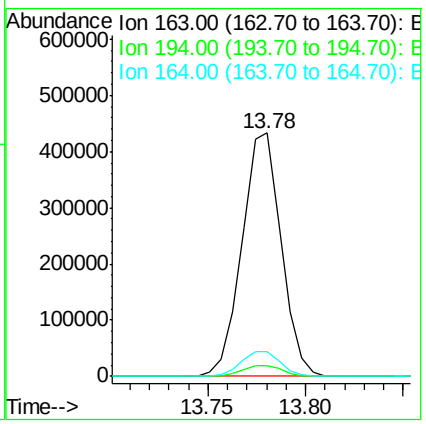


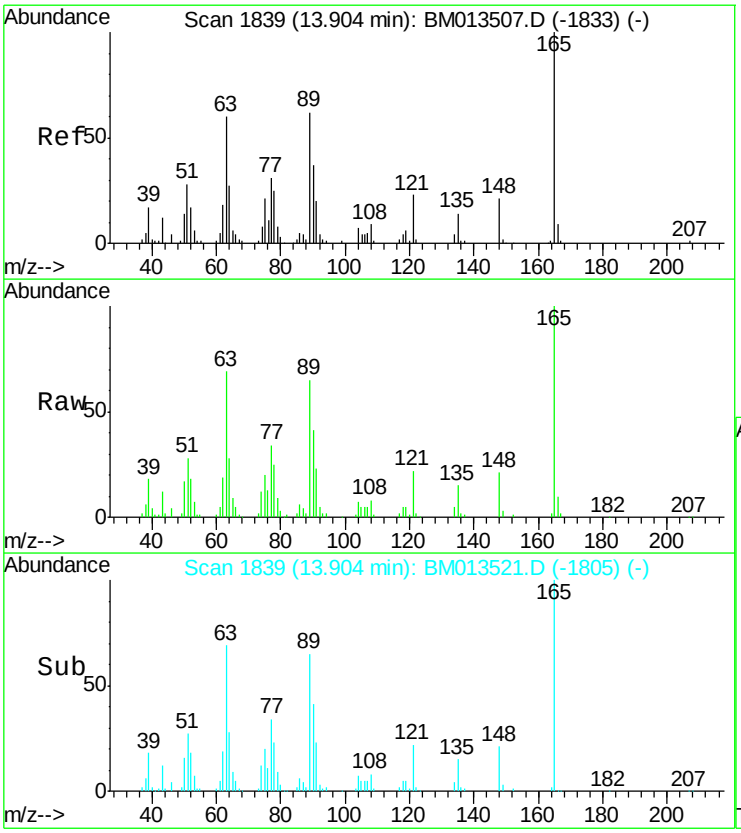
#44
Dimethylphthalate
Concen: 18.370 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 601893

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.3	8.2	12.4

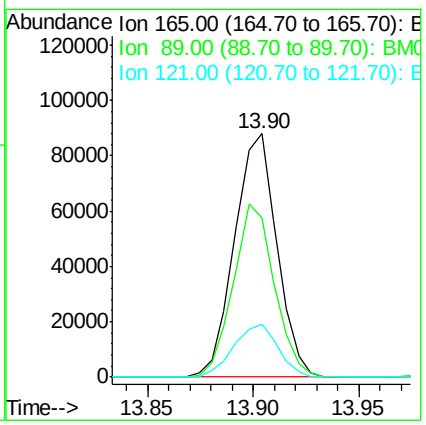


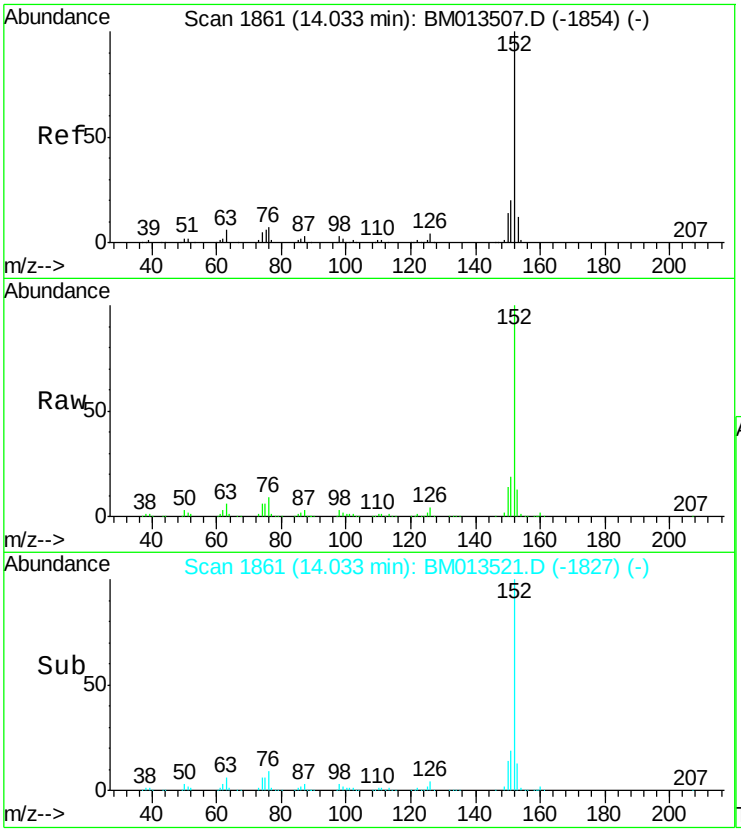


#45
2,6-Dinitrotoluene
Concen: 18.317 ng/ul
RT: 13.90 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Tgt Ion:165 Resp: 122403

Ion	Ratio	Lower	Upper
165	100		
89	65.3	52.6	79.0
121	22.0	14.6	22.0#



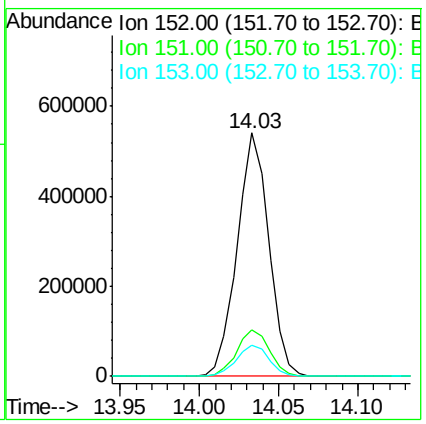


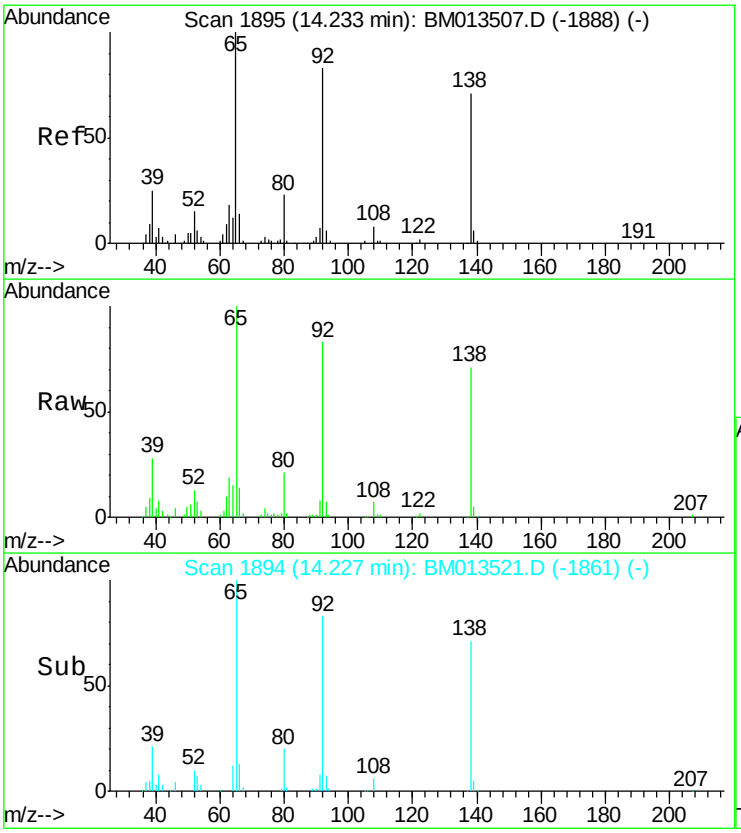
#47
Acenaphthylene
Concen: 19.153 ng/ul
RT: 14.03 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 749296

Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.3	24.5
153	12.6	10.2	15.4

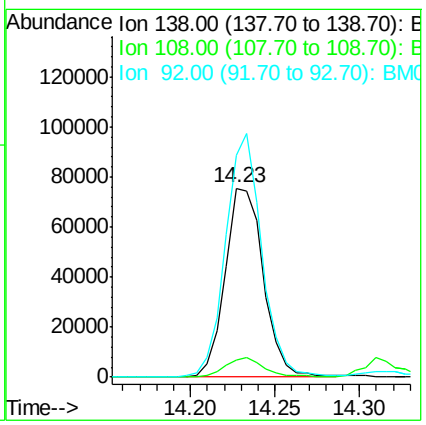


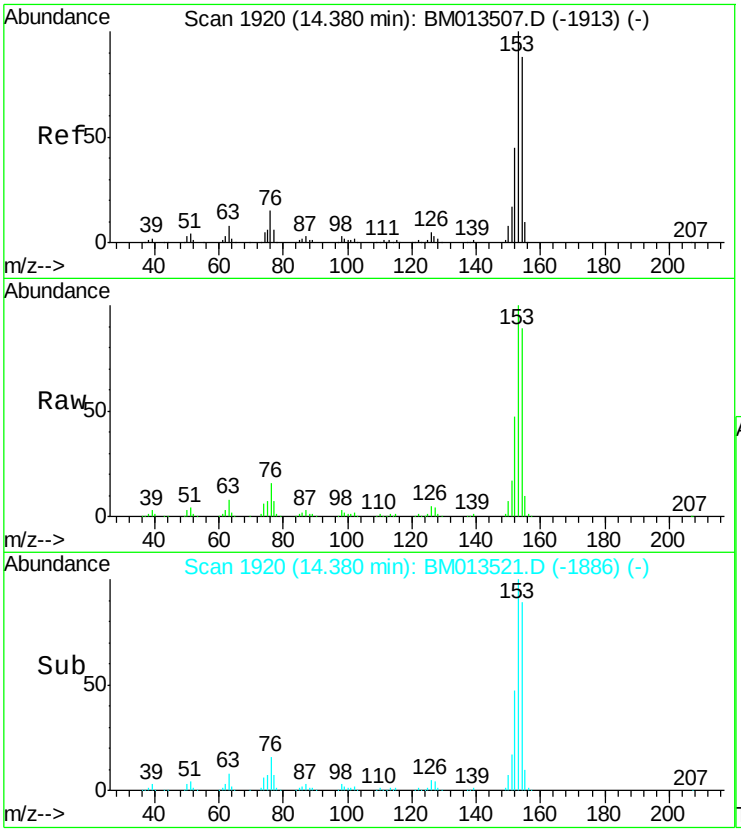


#48
3-Nitroaniline
Concen: 19.886 ng/ul
RT: 14.23 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Tgt Ion:138 Resp: 118785

Ion	Ratio	Lower	Upper
138	100		
108	9.3	9.9	14.9#
92	117.4	105.0	157.4



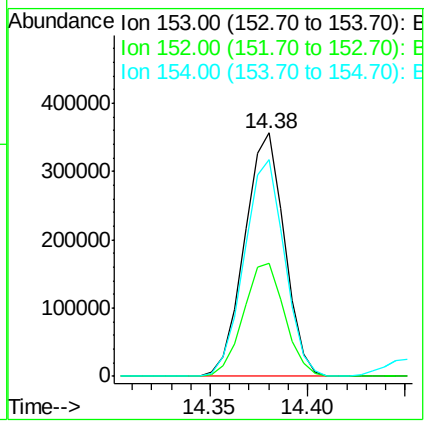


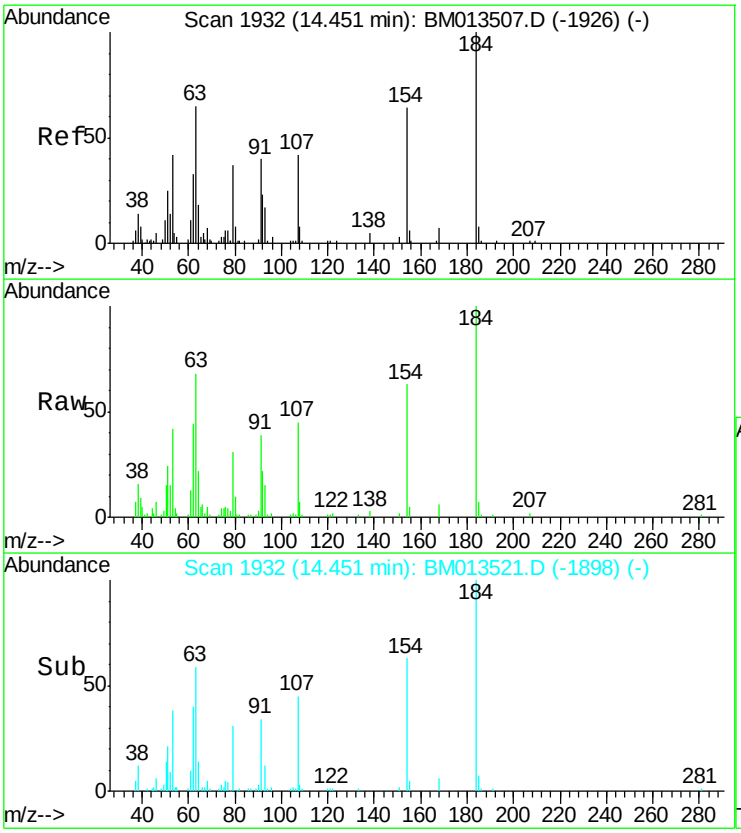
#49
Acenaphthene
Concen: 18.968 ng/ul
RT: 14.38 min Scan# 1920
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 505492

Ion	Ratio	Lower	Upper
153	100		
152	46.5	37.6	56.4
154	88.9	70.4	105.6

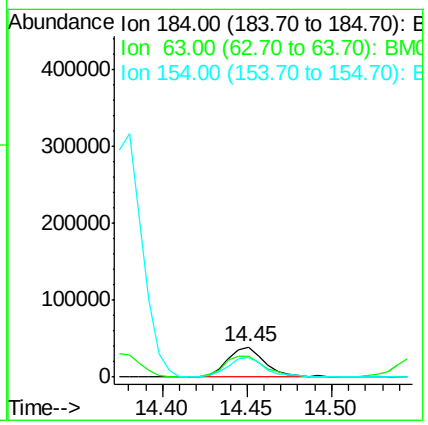


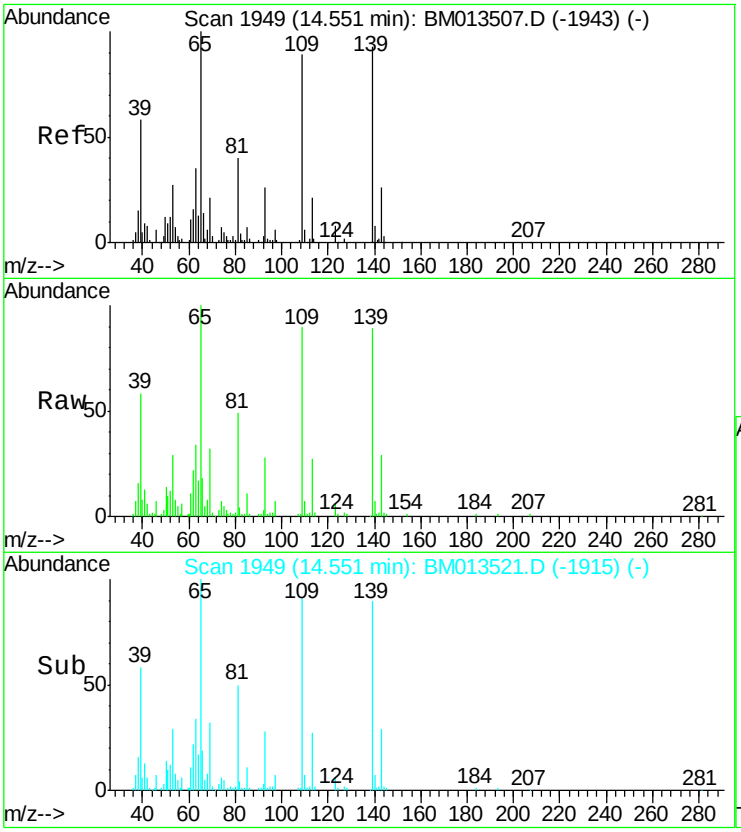


#50
2,4-Dinitrophenol
Concen: 16.549 ng/ul
RT: 14.45 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Tgt Ion:184 Resp: 61197

Ion	Ratio	Lower	Upper
184	100		
63	67.6	50.1	75.1
154	63.2	54.5	81.7



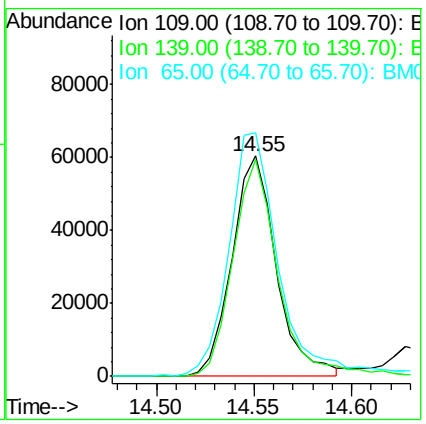


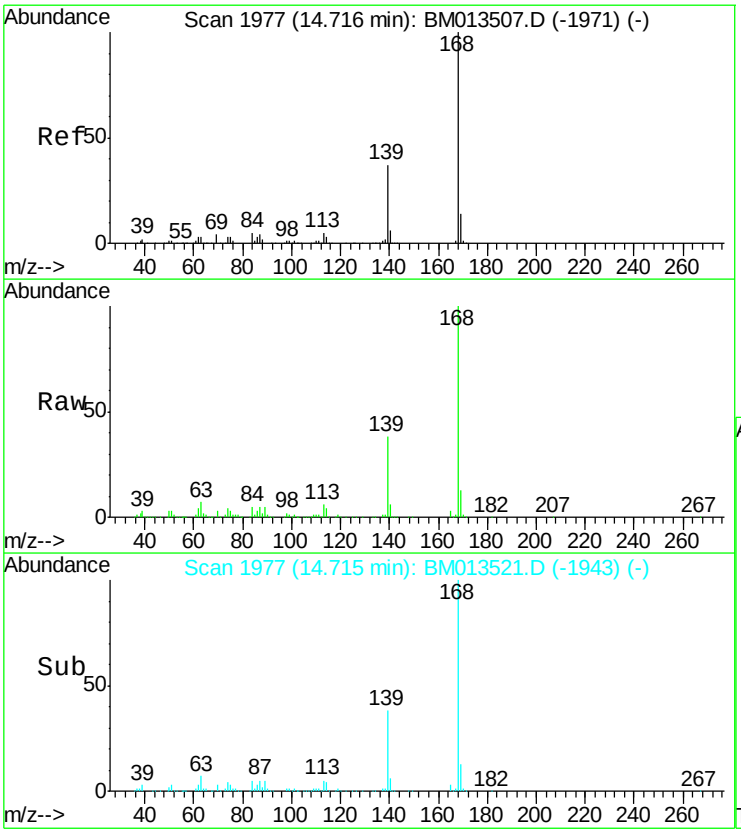
#52
4-Nitrophenol
Concen: 16.321 ng/ul
RT: 14.55 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:109 Resp: 95302

Ion	Ratio	Lower	Upper
109	100		
139	98.4	80.0	120.0
65	110.6	120.0	180.0#

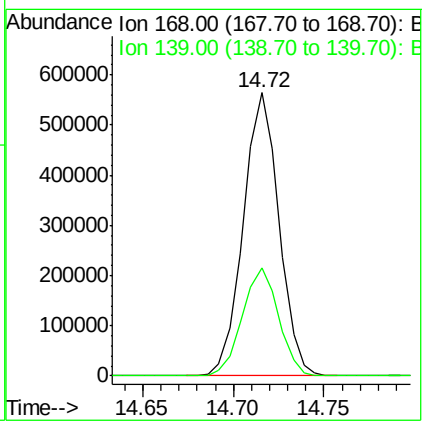


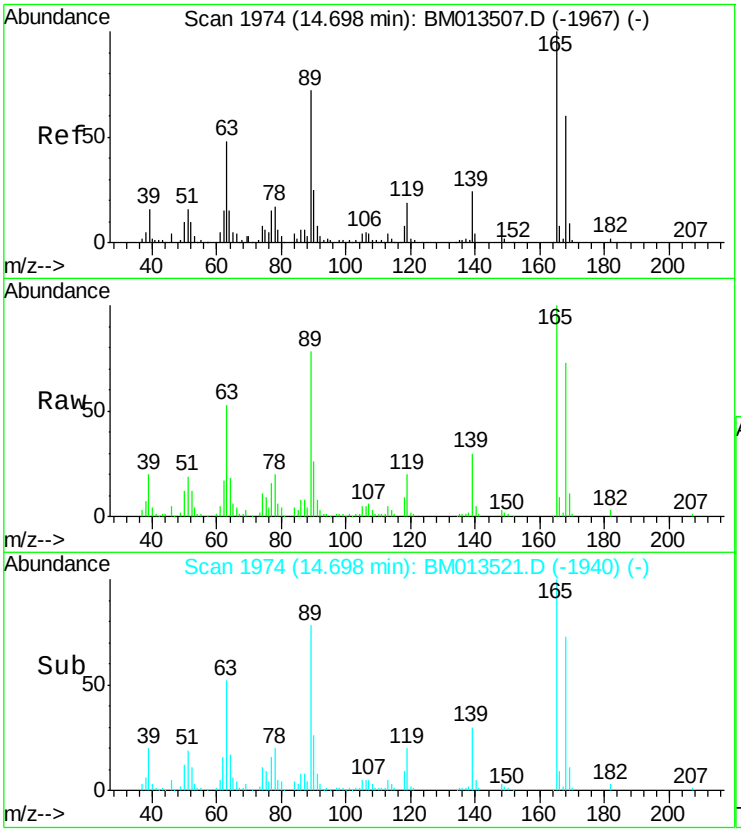


#53
Dibenzofuran
Concen: 19.635 ng/ul
RT: 14.72 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Tgt Ion:168 Resp: 772486

Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.8	46.2



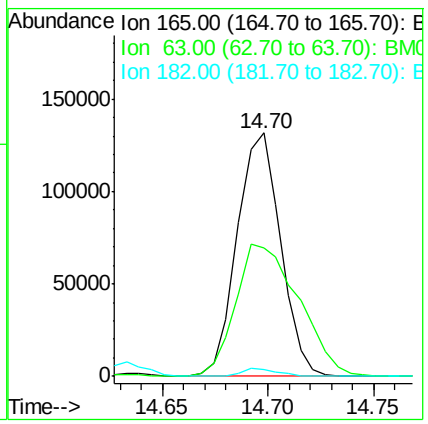


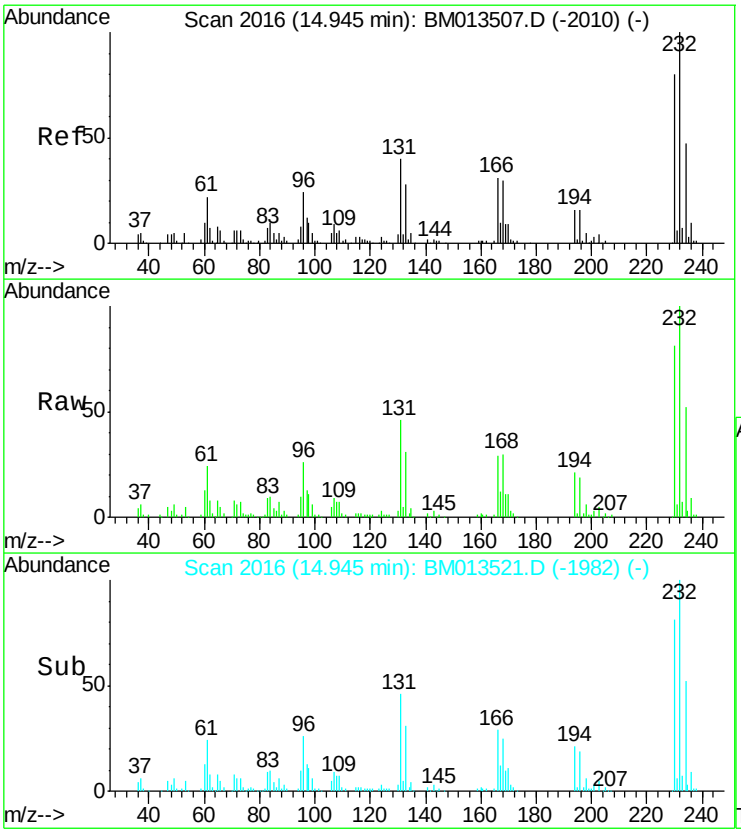
#54
2,4-Dinitrotoluene
Concen: 19.308 ng/ul
RT: 14.70 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:165 Resp: 187693

Ion	Ratio	Lower	Upper
165	100		
63	52.8	45.8	68.8
182	2.7	2.6	4.0

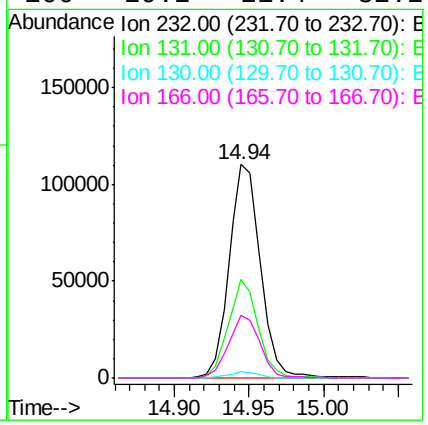


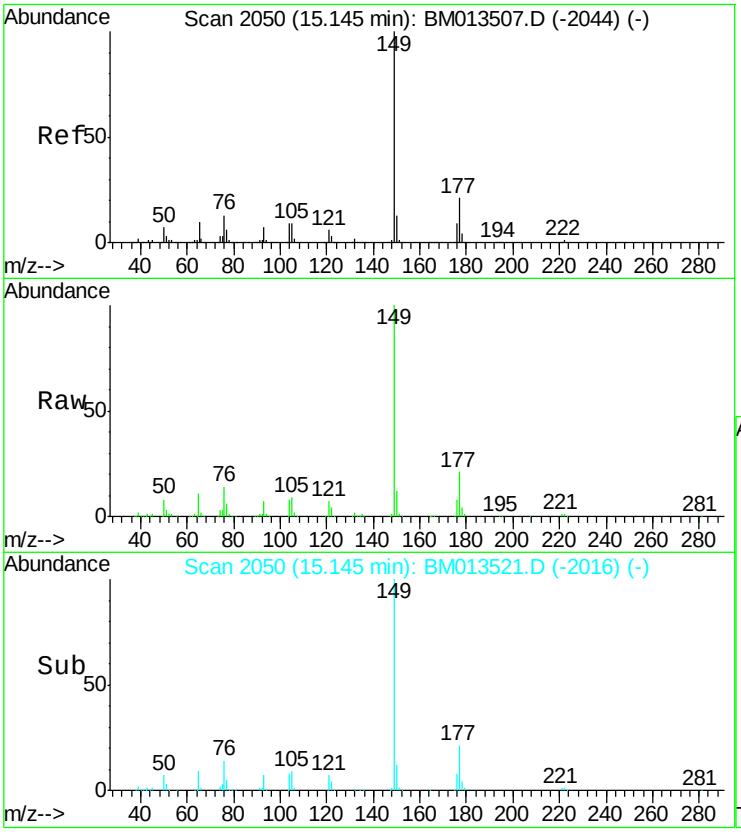


#55
2,3,4,6-Tetrachlorophenol
Concen: 19.212 ng/ul
RT: 14.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Tgt Ion:232 Resp: 162047

Ion	Ratio	Lower	Upper
232	100		
131	46.1	29.0	43.4#
130	3.3	2.0	3.0#
166	29.2	21.4	32.2



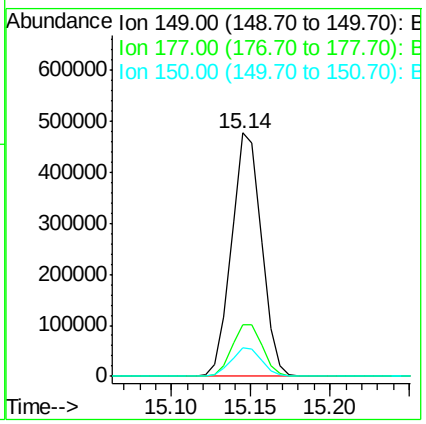


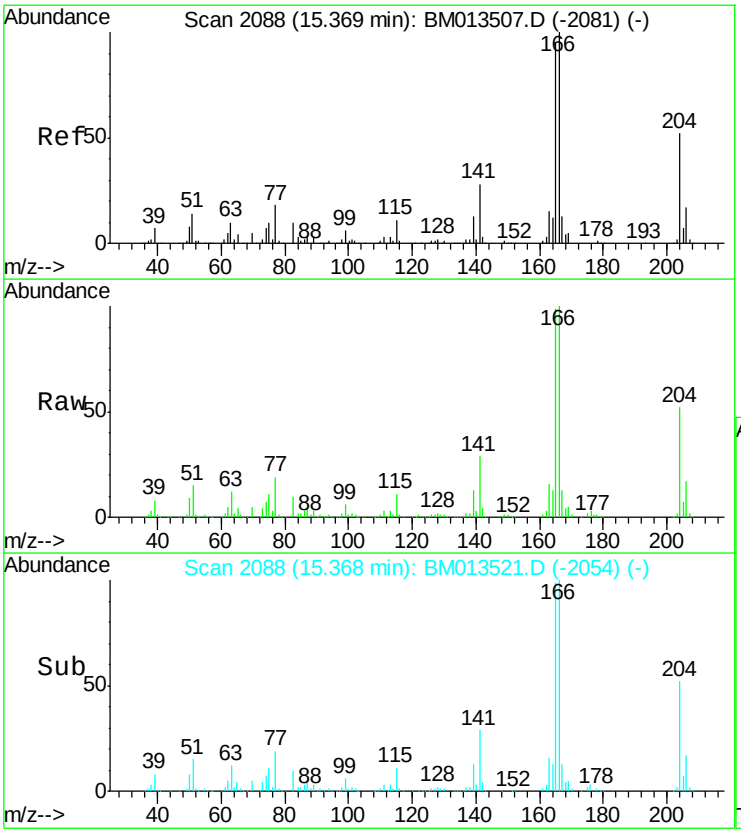
#56
Diethylphthalate
Concen: 18.988 ng/ul
RT: 15.14 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 623986

Ion	Ratio	Lower	Upper
149	100		
177	21.1	20.5	30.7
150	11.7	10.6	15.8

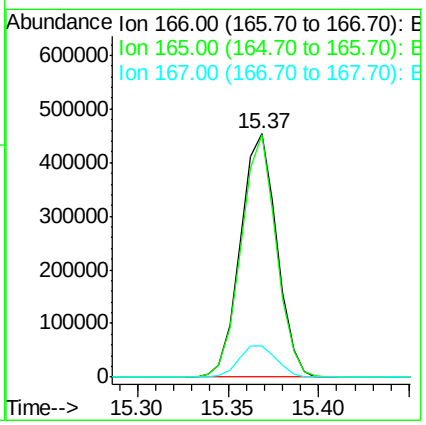


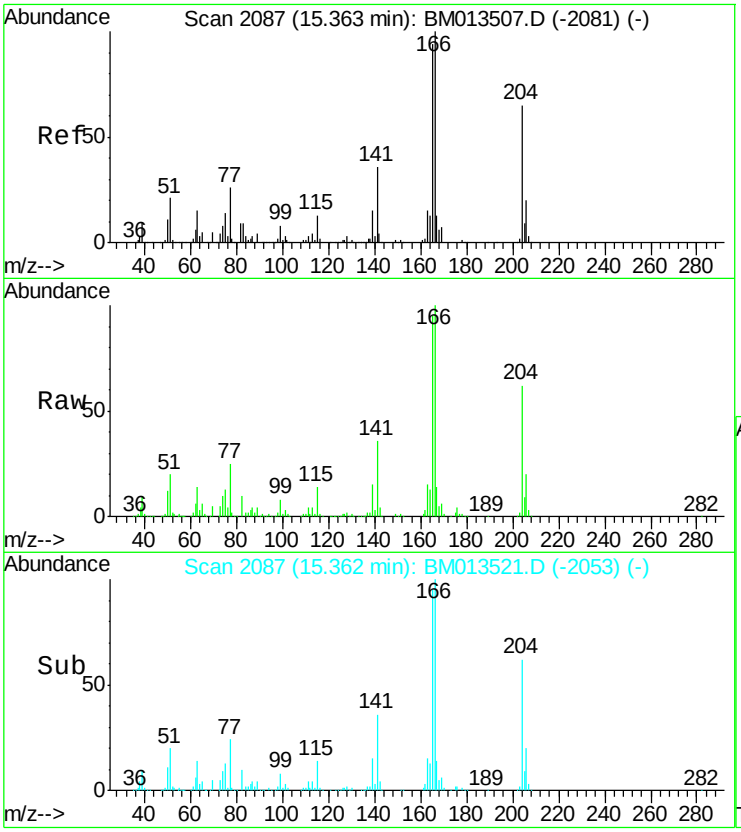


#58
Fluorene
Concen: 19.423 ng/ul
RT: 15.37 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Tgt Ion:166 Resp: 632161

Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.9	116.9
167	12.8	10.6	16.0



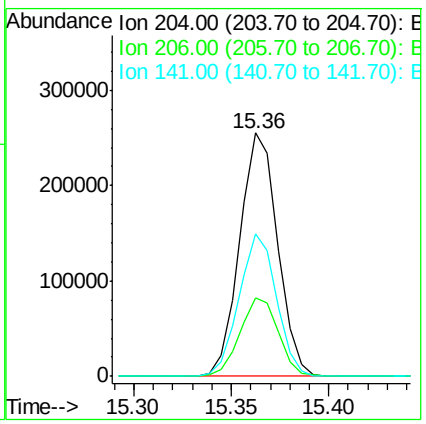


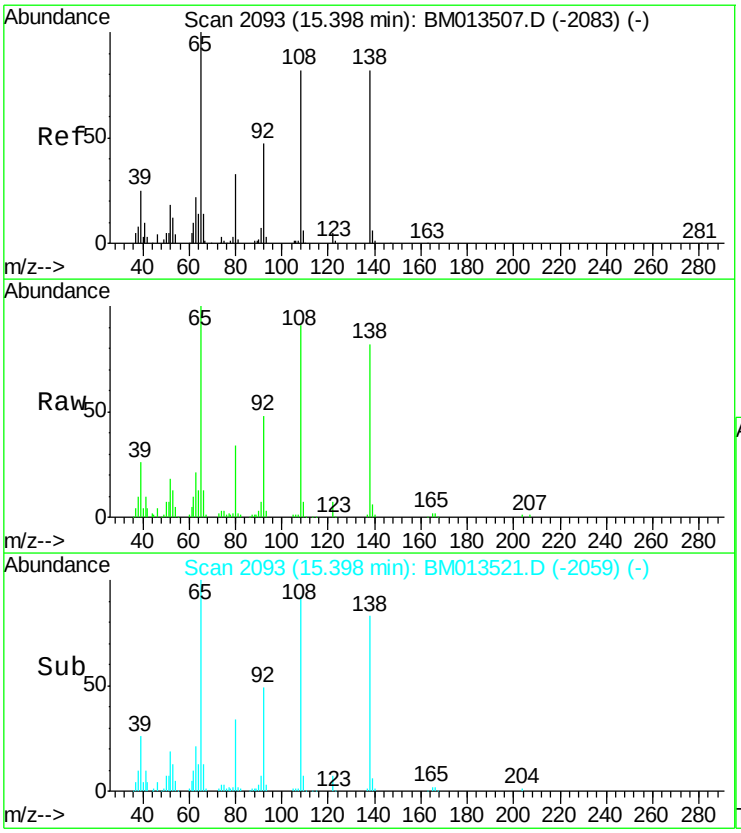
#59
4-Chlorophenyl-phenylether
Concen: 19.419 ng/ul
RT: 15.36 min Scan# 2087
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:204 Resp: 343036

Ion	Ratio	Lower	Upper
204	100		
206	32.5	24.8	37.2
141	58.3	44.3	66.5

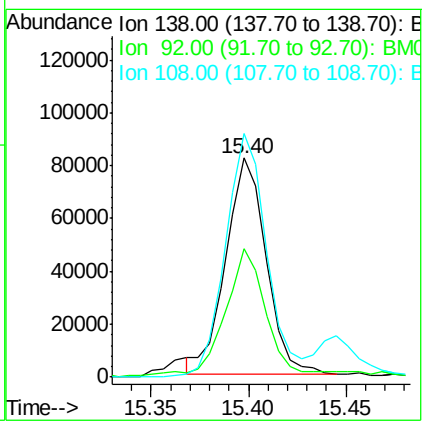


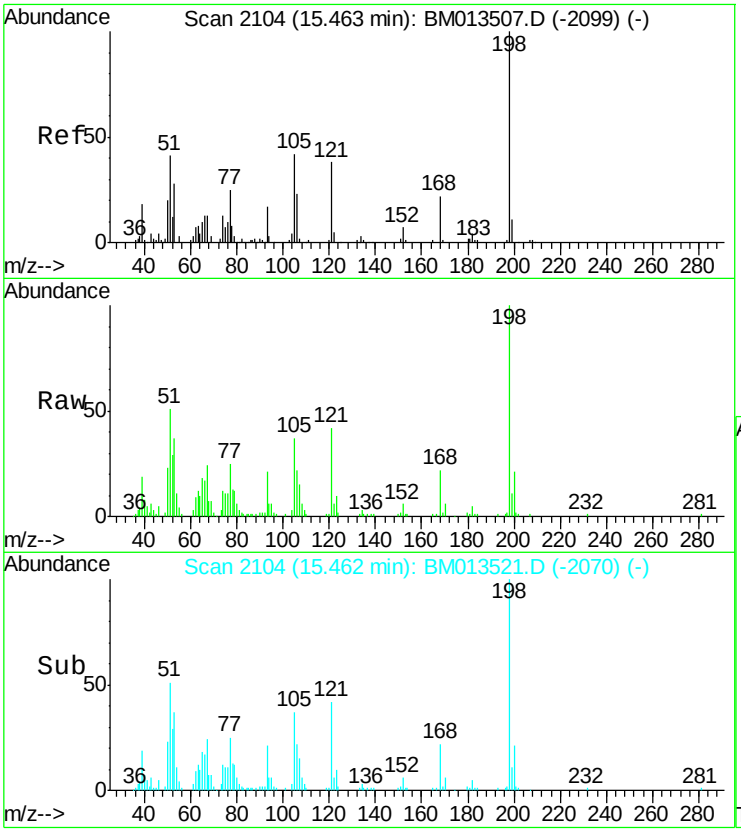


#60
4-Nitroaniline
Concen: 16.652 ng/ul
RT: 15.40 min Scan# 2093
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Tgt Ion:138 Resp: 117354

Ion	Ratio	Lower	Upper
138	100		
92	58.8	40.0	60.0
108	111.1	80.0	120.0



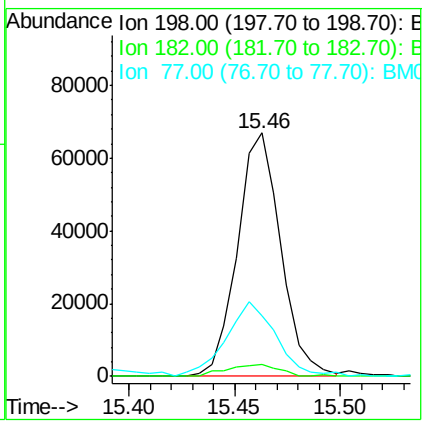


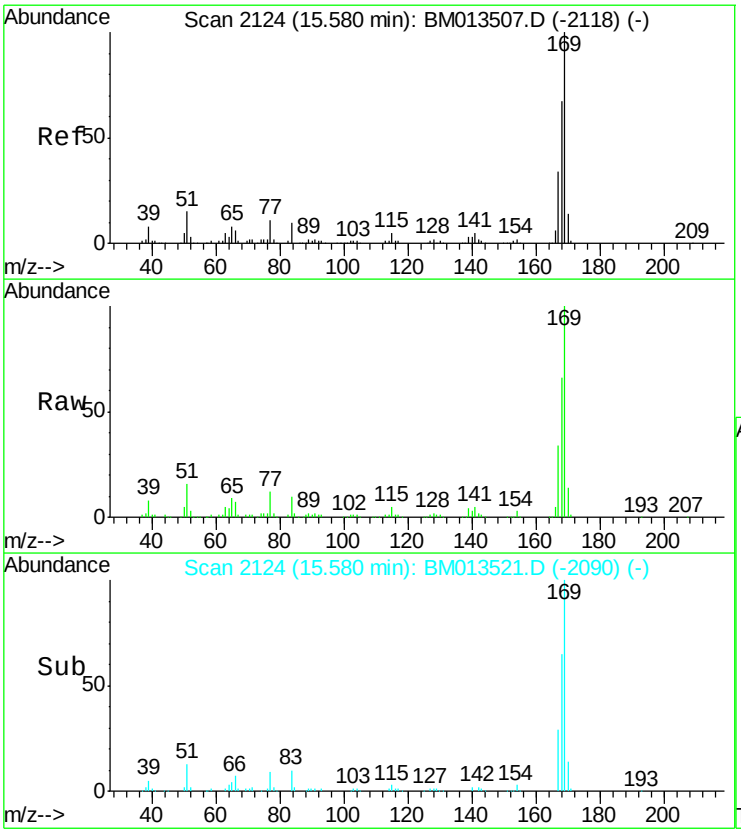
#63
4,6-Dinitro-2-methylphenol
Concen: 15.825 ng/ul
RT: 15.46 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:198 Resp: 95349

Ion	Ratio	Lower	Upper
198	100		
182	4.7	3.8	5.6
77	24.8	25.2	37.8#

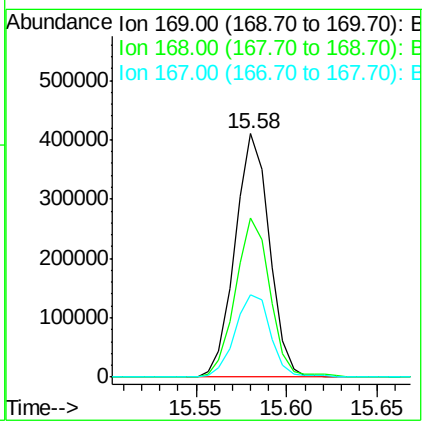


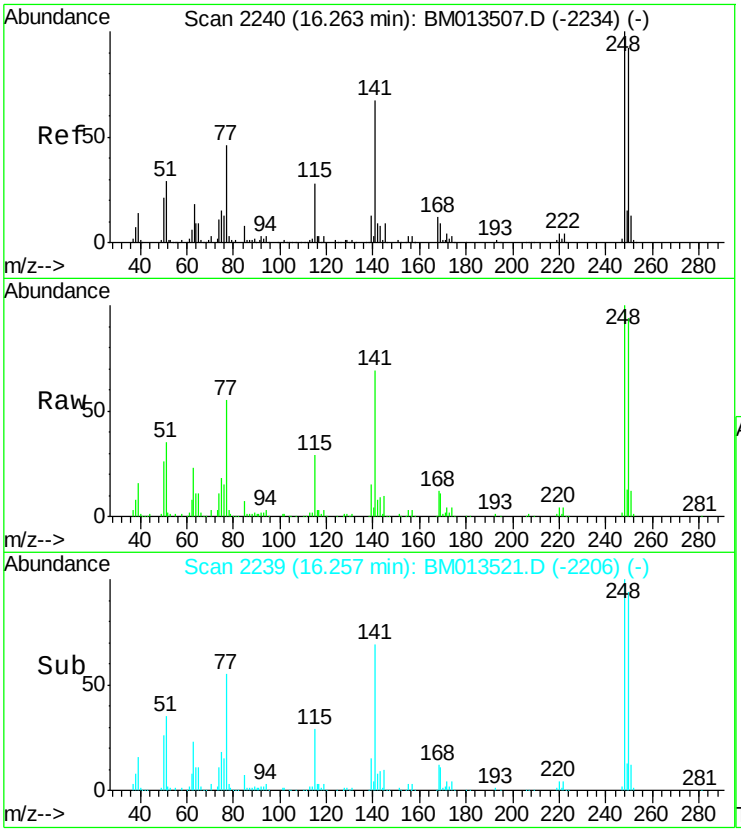


#64
N-Nitrosodiphenylamine
Concen: 19.175 ng/ul
RT: 15.58 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Tgt Ion:169 Resp: 541370

Ion	Ratio	Lower	Upper
169	100		
168	65.6	54.0	81.0
167	33.9	29.1	43.7



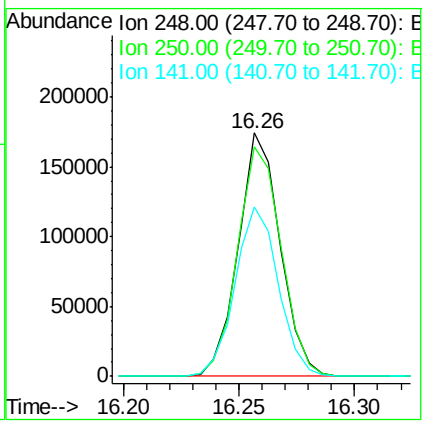


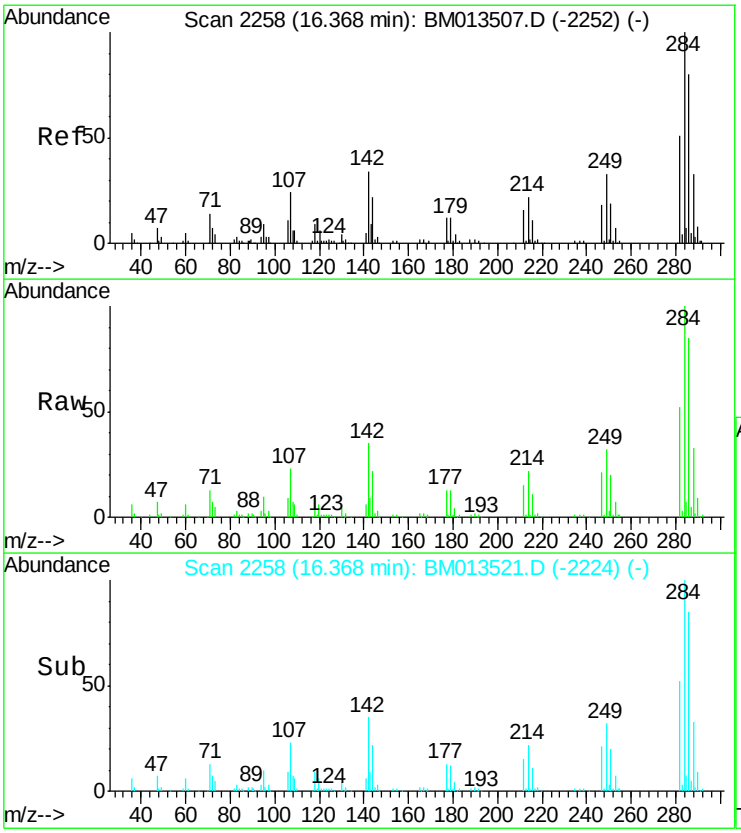
#65
4-Bromophenyl-phenylether
Concen: 19.639 ng/ul
RT: 16.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:248 Resp: 221276

Ion	Ratio	Lower	Upper
248	100		
250	94.1	80.5	120.7
141	69.4	53.6	80.4

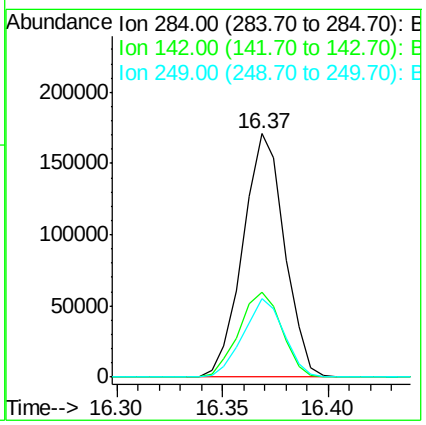


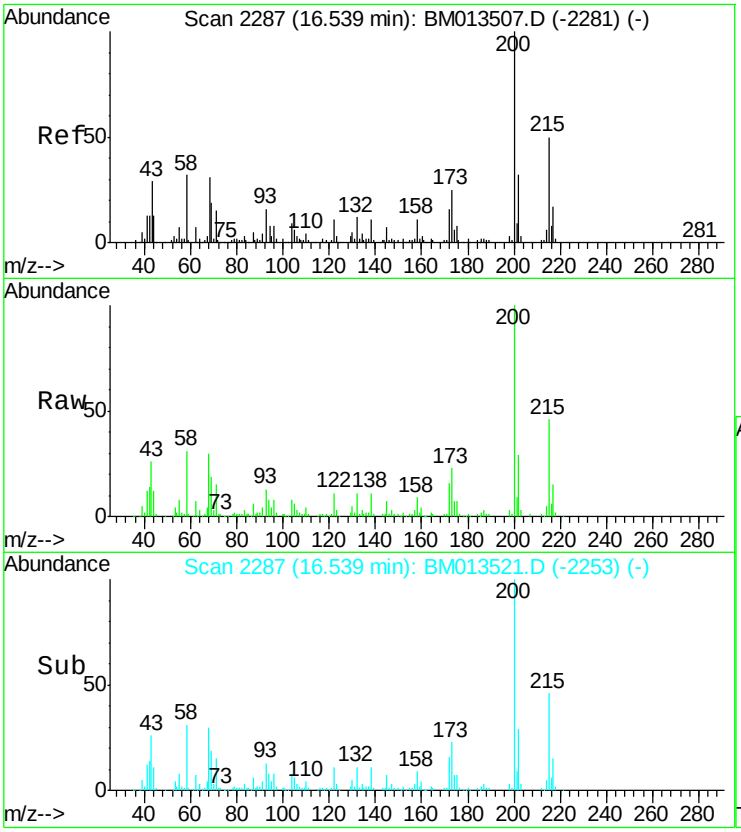


#66
Hexachlorobenzene
Concen: 18.878 ng/ul
RT: 16.37 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Tgt Ion:284 Resp: 234561

Ion	Ratio	Lower	Upper
284	100		
142	34.8	21.2	31.8#
249	32.0	24.5	36.7



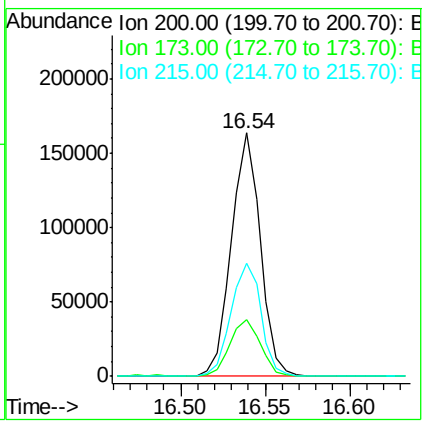


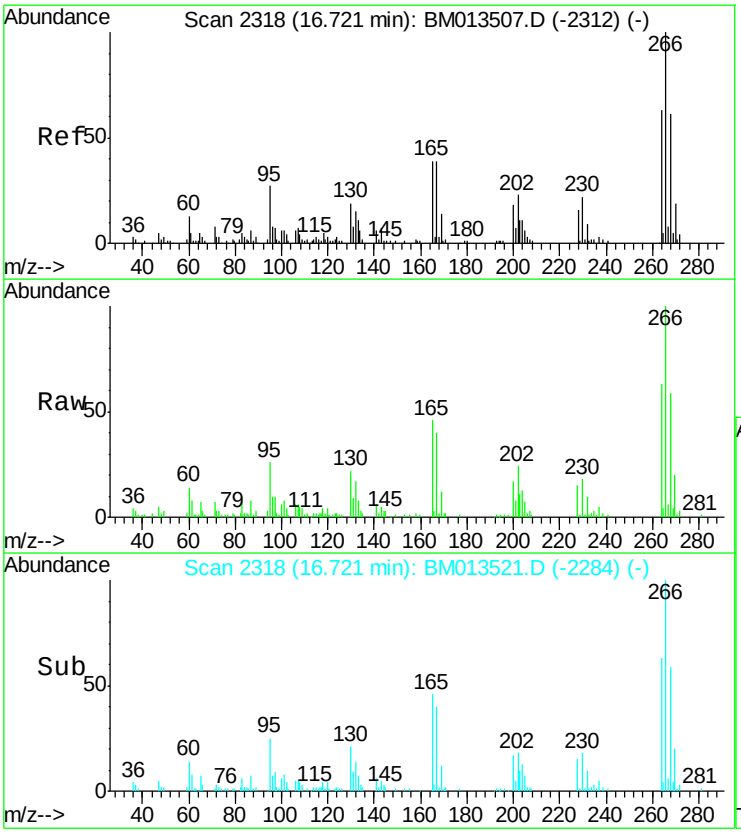
#67
Atrazine
Concen: 18.792 ng/ul
RT: 16.54 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:200 Resp: 195841

Ion	Ratio	Lower	Upper
200	100		
173	23.5	18.2	27.2
215	46.5	35.0	52.4

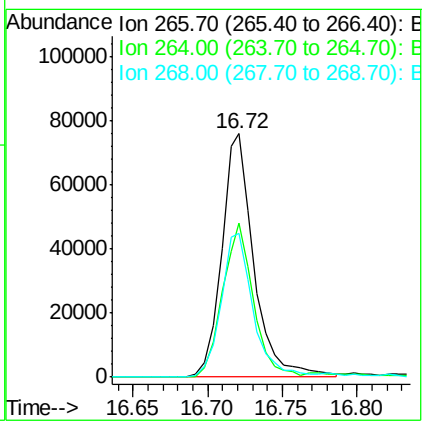


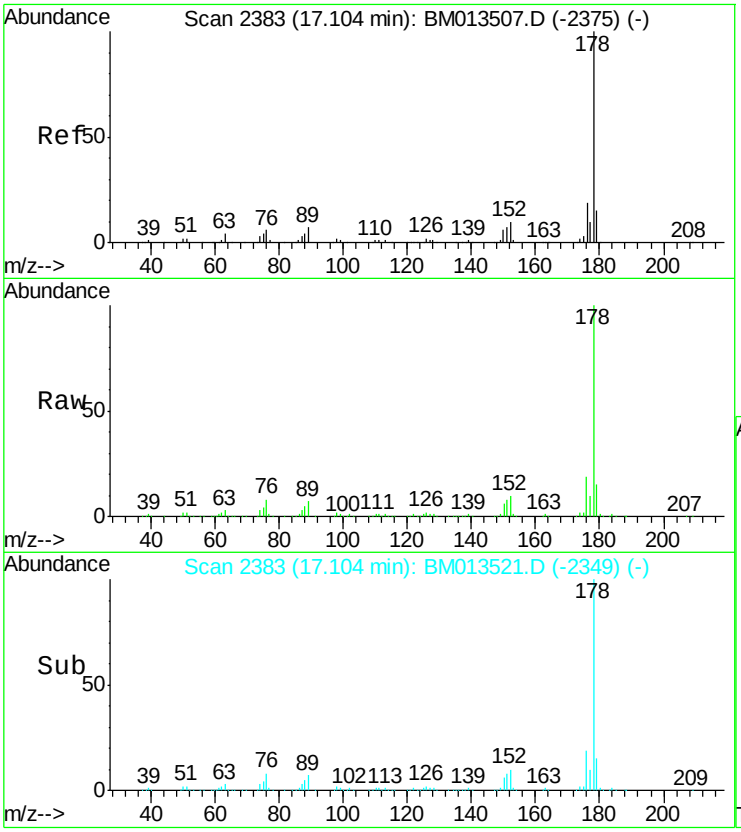


#68
Pentachlorophenol
Concen: 15.933 ng/ul
RT: 16.72 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Tgt Ion:266 Resp: 114502

Ion	Ratio	Lower	Upper
266	100		
264	66.7	49.3	73.9
268	59.0	52.6	78.8



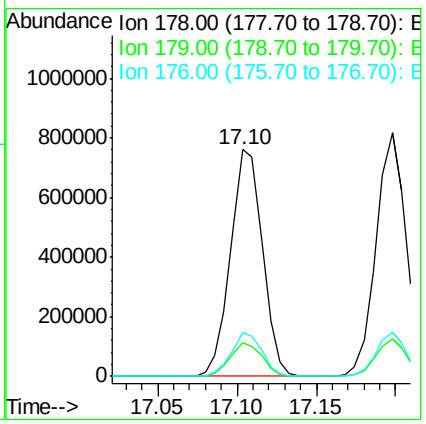


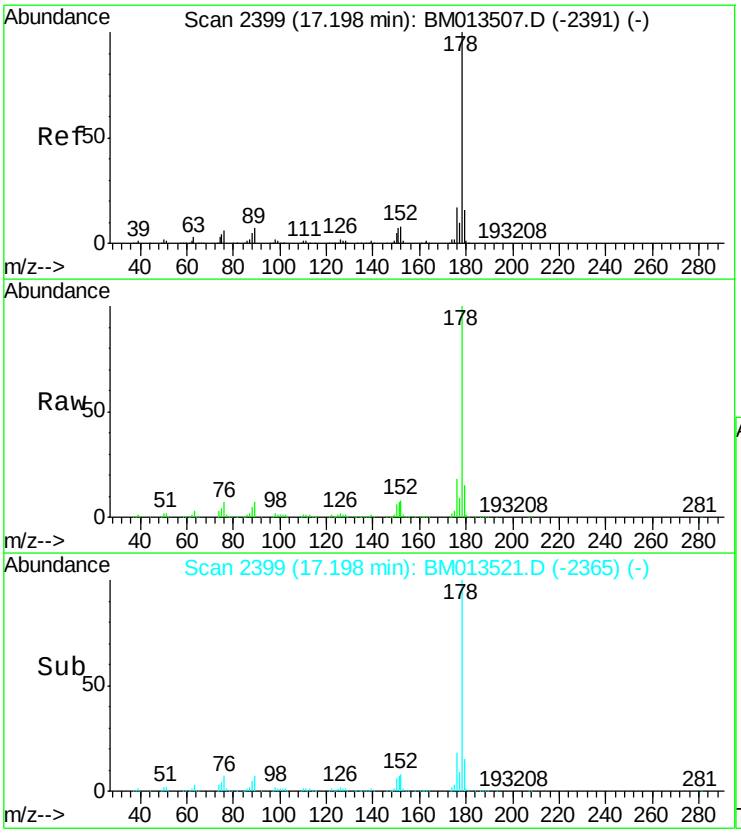
#69
Phenanthrene
Concen: 19.567 ng/ul
RT: 17.10 min Scan# 2383
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1065476

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	19.2	14.9	22.3

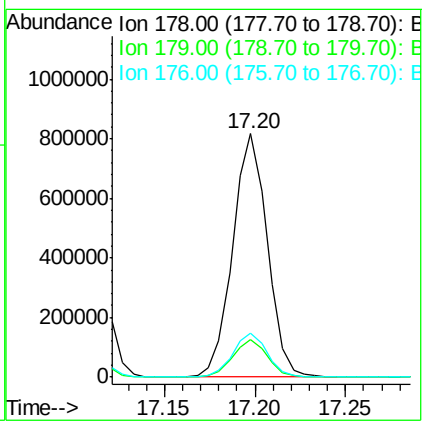


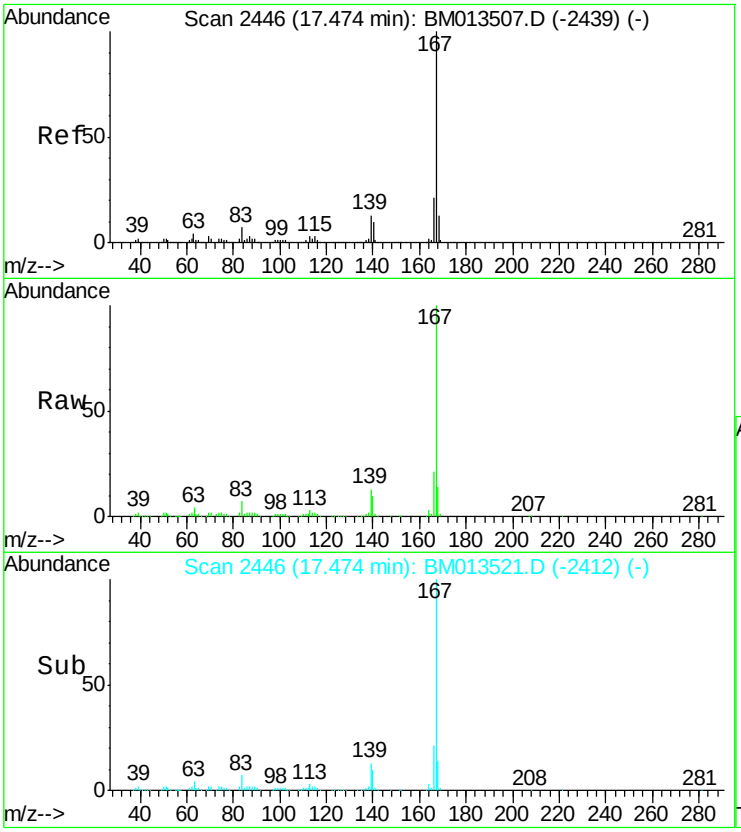


#71
Anthracene
Concen: 19.376 ng/ul
RT: 17.20 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Tgt Ion:178 Resp: 1078424

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.7	17.5
176	18.0	14.6	21.8



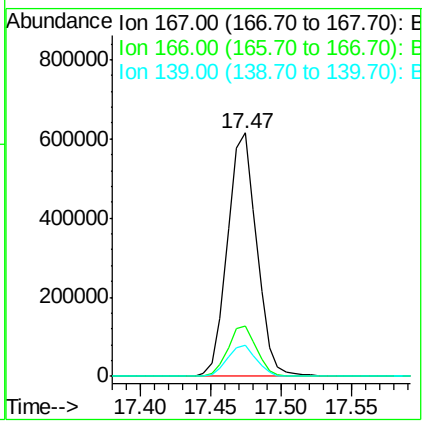


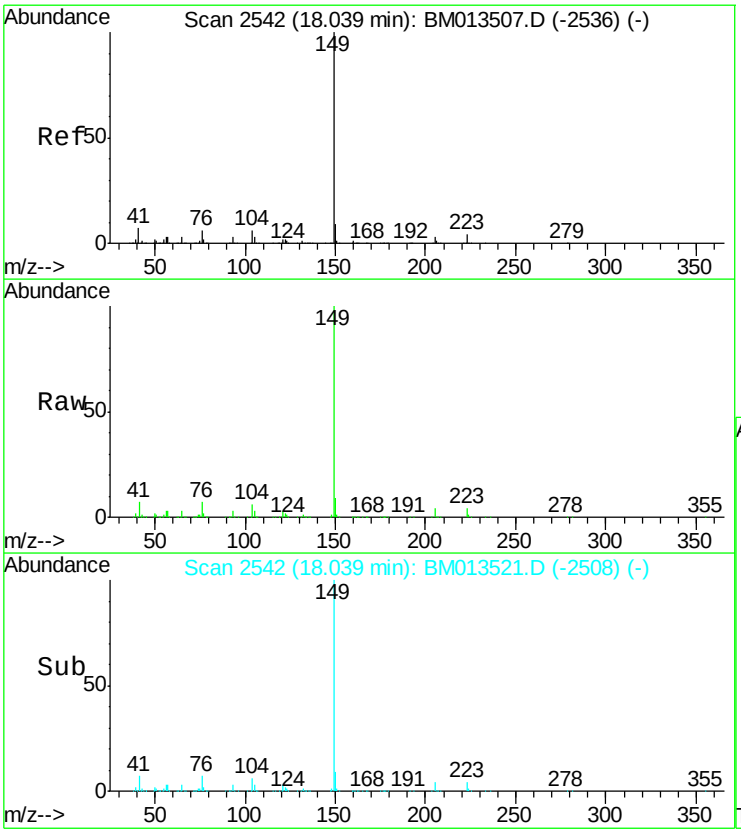
#72
Carbazole
Concen: 18.567 ng/ul
RT: 17.47 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 888896

Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.1	25.7
139	12.9	10.0	15.0

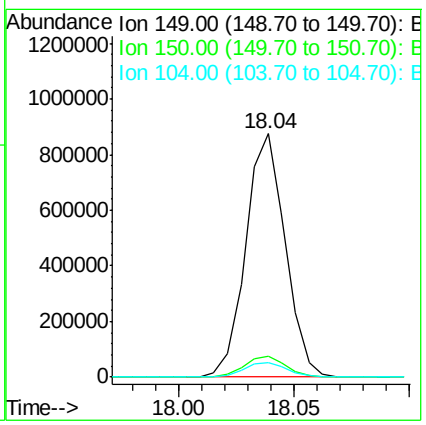


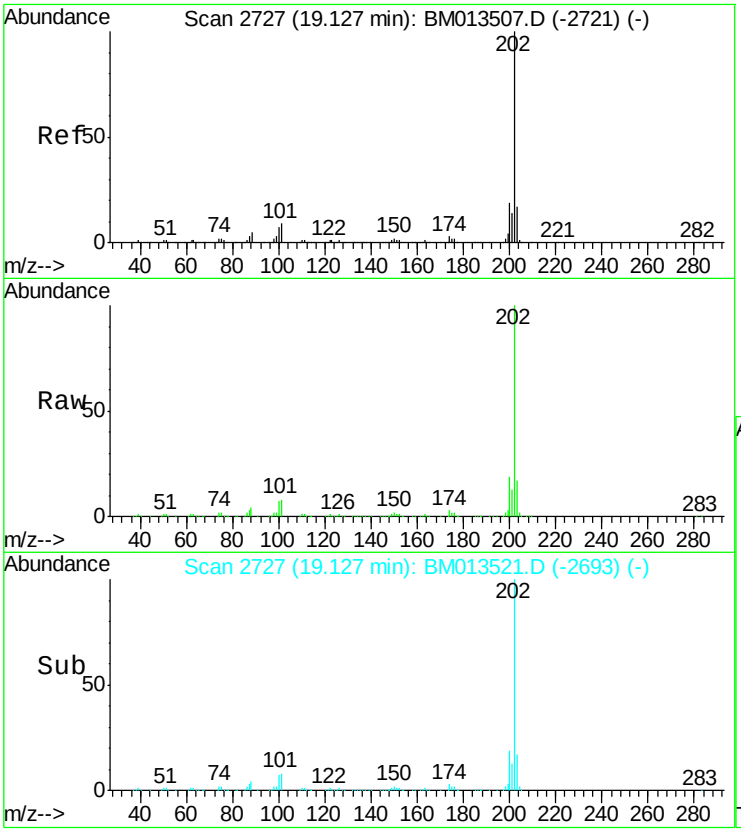


#73
Di-n-butylphthalate
Concen: 18.642 ng/ul
RT: 18.04 min Scan# 2542
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Tgt Ion:149 Resp: 1041876

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.1	10.7
104	6.2	5.6	8.4



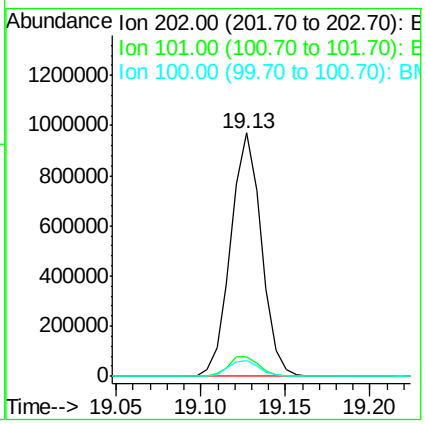


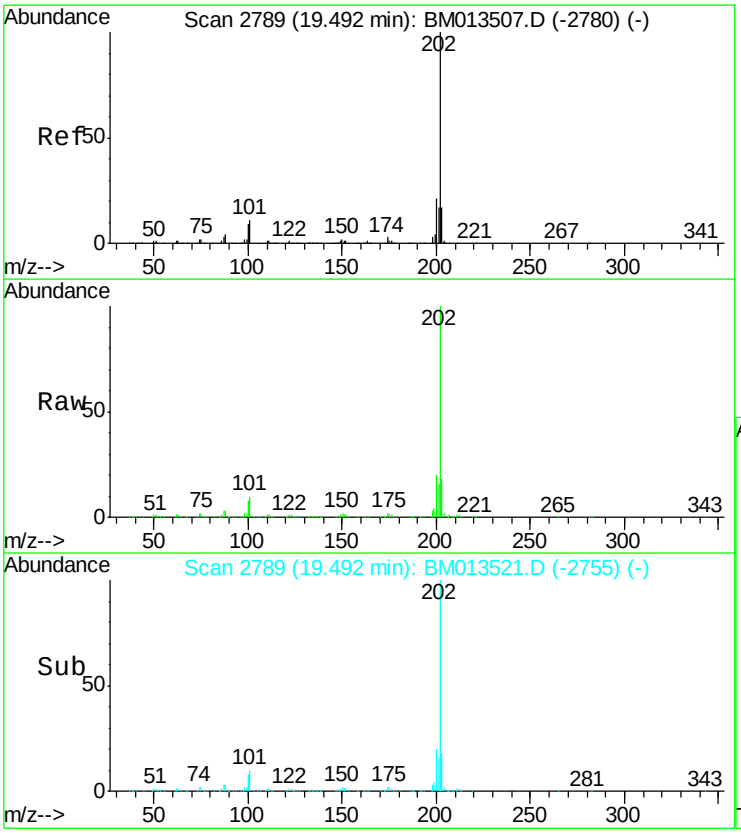
#74
Fluoranthene
Concen: 18.444 ng/ul
RT: 19.13 min Scan# 2727
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1230724

Ion	Ratio	Lower	Upper
202	100		
101	7.9	4.6	7.0#
100	6.7	3.4	5.2#

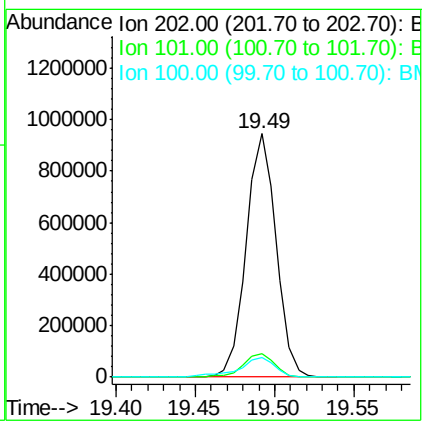


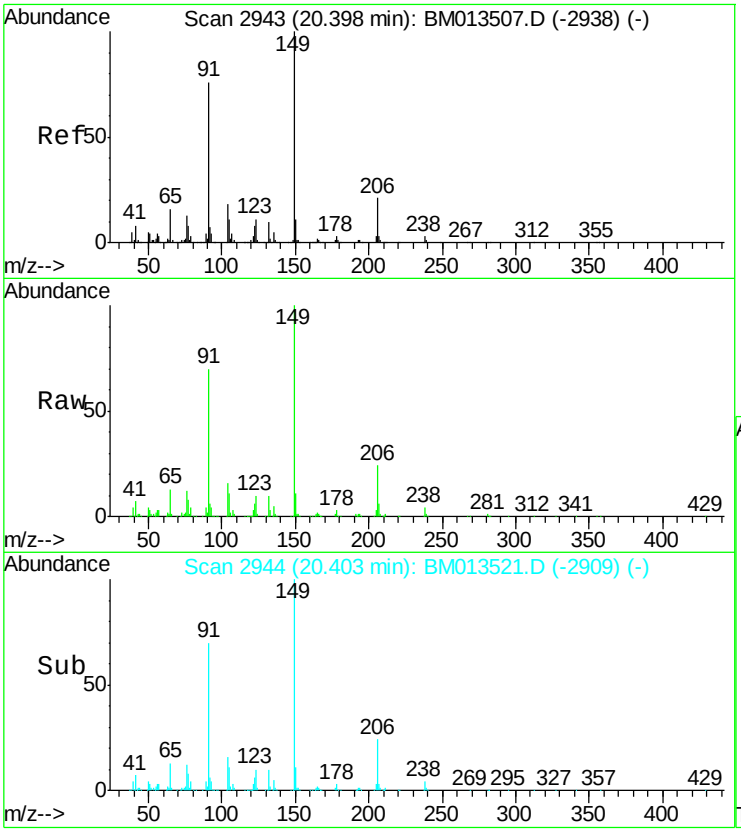


#77
Pyrene
Concen: 21.938 ng/ul
RT: 19.49 min Scan# 2789
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Tgt Ion:202 Resp: 1237826

Ion	Ratio	Lower	Upper
202	100		
101	9.5	5.1	7.7#
100	7.8	4.9	7.3#



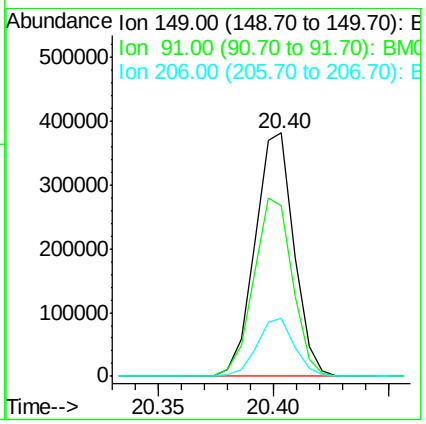


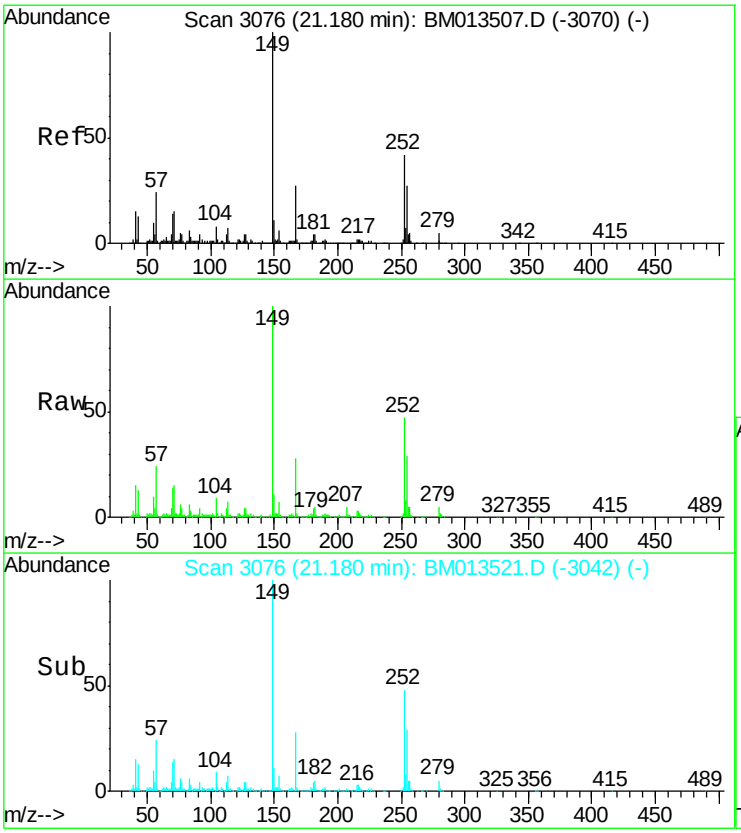
#78
Butylbenzylphthalate
Concen: 20.311 ng/ul
RT: 20.40 min Scan# 2944
Delta R.T. 0.01 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 447786

Ion	Ratio	Lower	Upper
149	100		
91	70.0	62.7	94.1
206	23.8	20.8	31.2

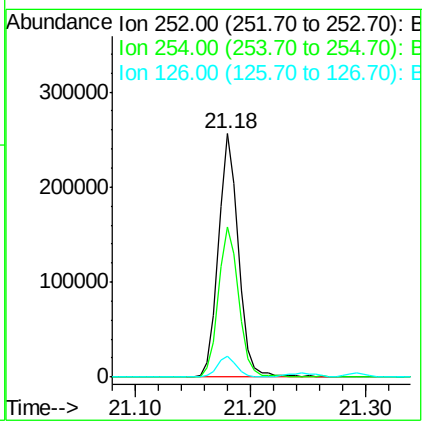


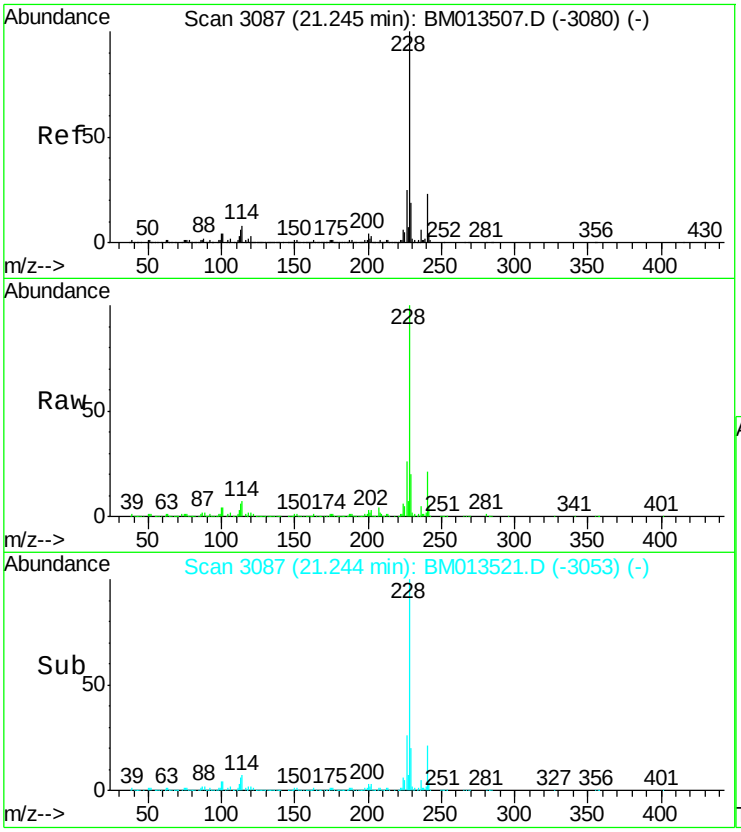


#79
3,3'-Dichlorobenzidine
Concen: 15.751 ng/ul
RT: 21.18 min Scan# 3076
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Tgt Ion:252 Resp: 307517

Ion	Ratio	Lower	Upper
252	100		
254	61.9	54.5	81.7
126	8.6	5.8	8.8



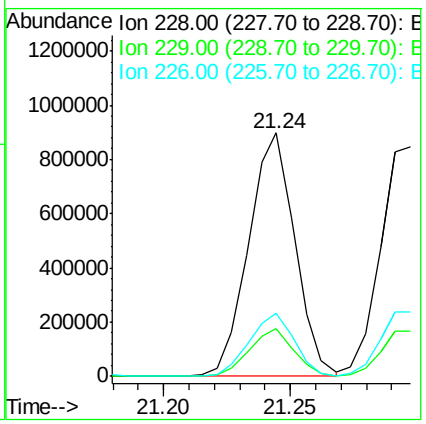


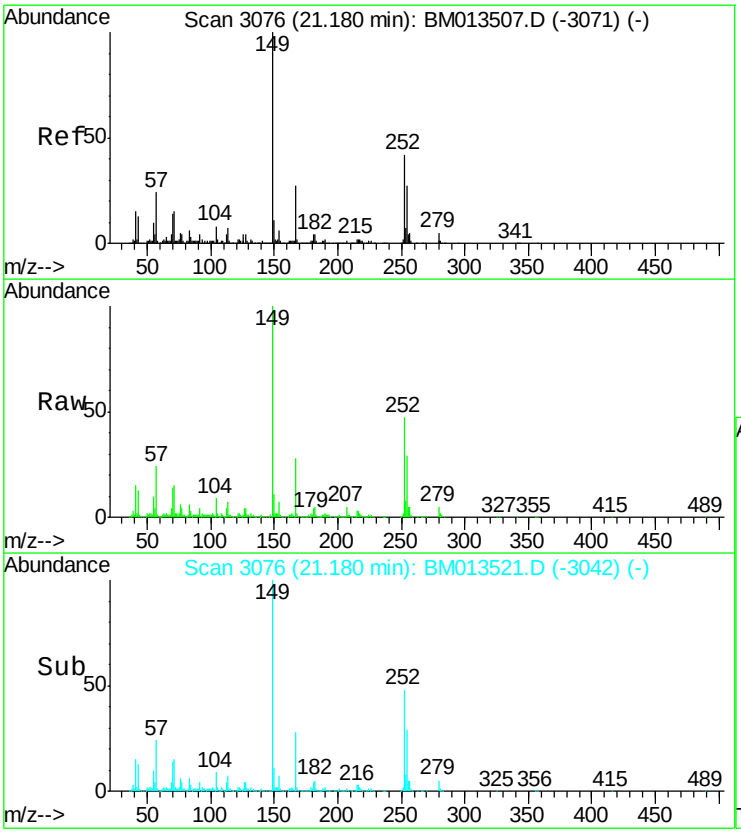
#80
Benzo(a)anthracene
Concen: 19.251 ng/ul
RT: 21.24 min Scan# 3087
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1134421

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.4	23.0
226	25.7	21.4	32.0

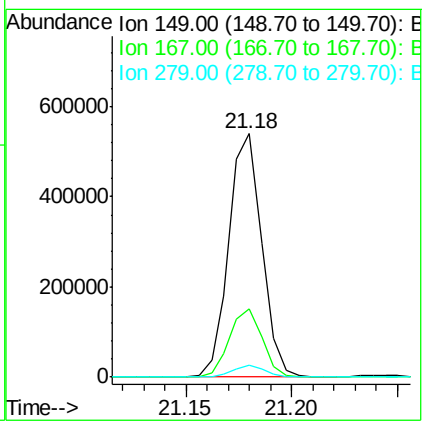


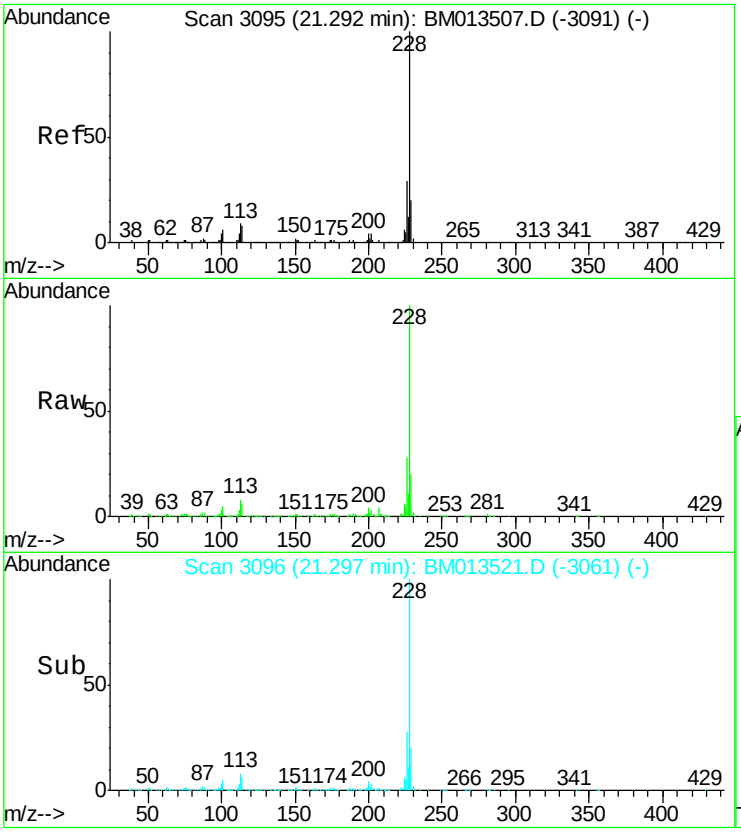


#81
Bis(2-ethylhexyl)phthalate
Concen: 17.417 ng/ul
RT: 21.18 min Scan# 3076
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Tgt Ion:149 Resp: 578759

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.8	34.2
279	4.8	4.9	7.3#



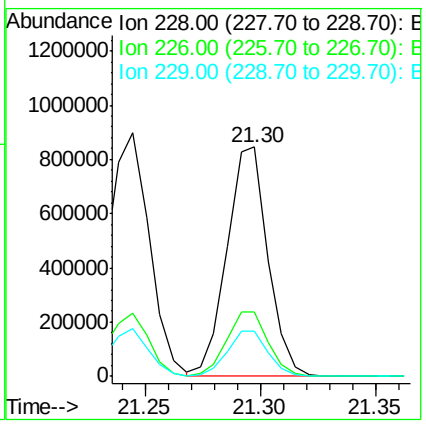


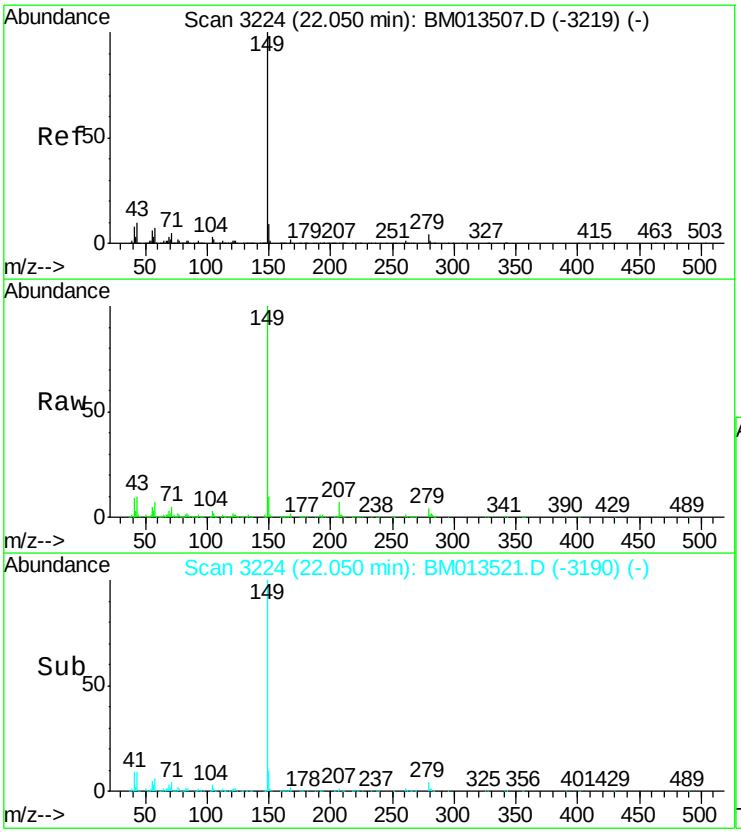
#82
Chrysene
Concen: 19.038 ng/ul
RT: 21.30 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1040777

Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.4	35.2
229	19.6	15.5	23.3

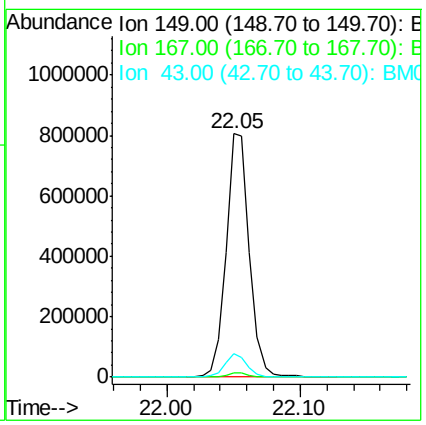


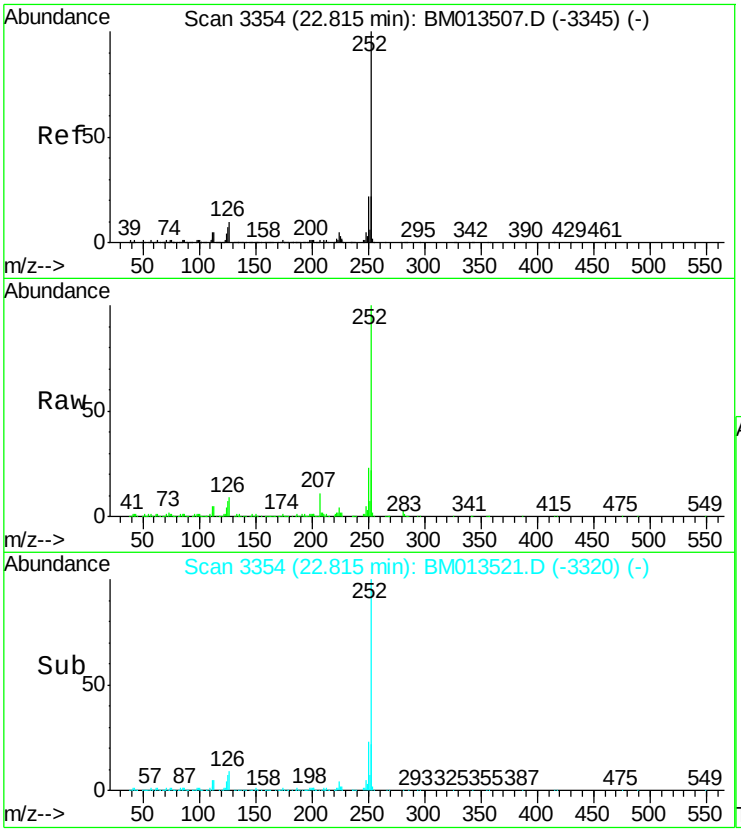


#84
Di-n-octyl phthalate
Concen: 17.362 ng/ul
RT: 22.05 min Scan# 3224
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Tgt Ion:149 Resp: 976592

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.8	7.3	10.9



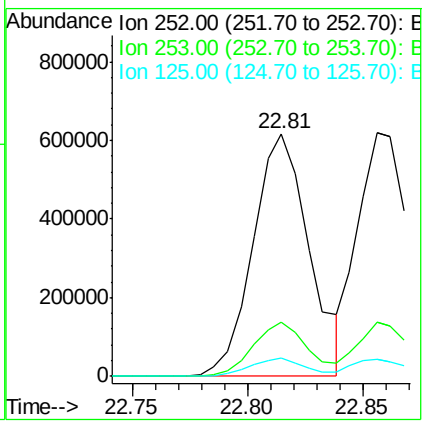


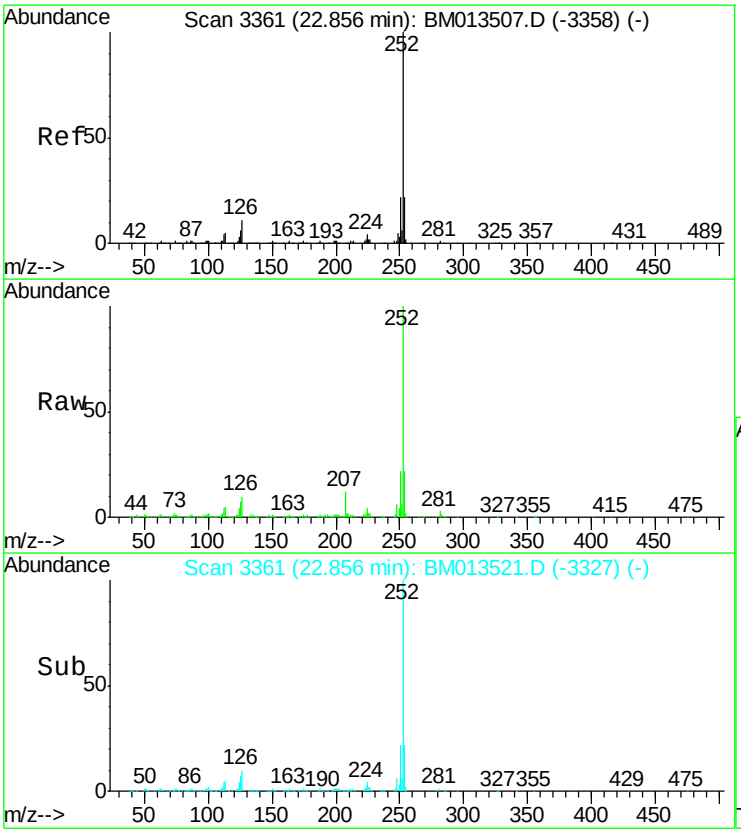
#85
Benzo(b)fluoranthene
Concen: 19.474 ng/ul
RT: 22.81 min Scan# 3354
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1038409

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	7.4	3.6	5.4#

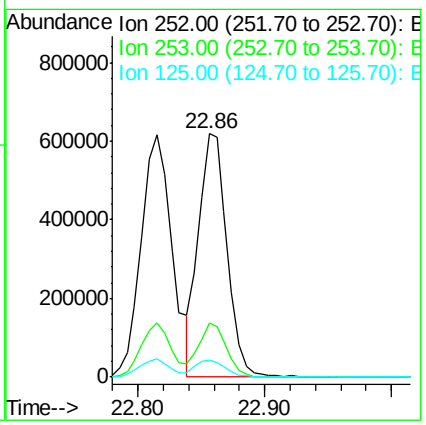


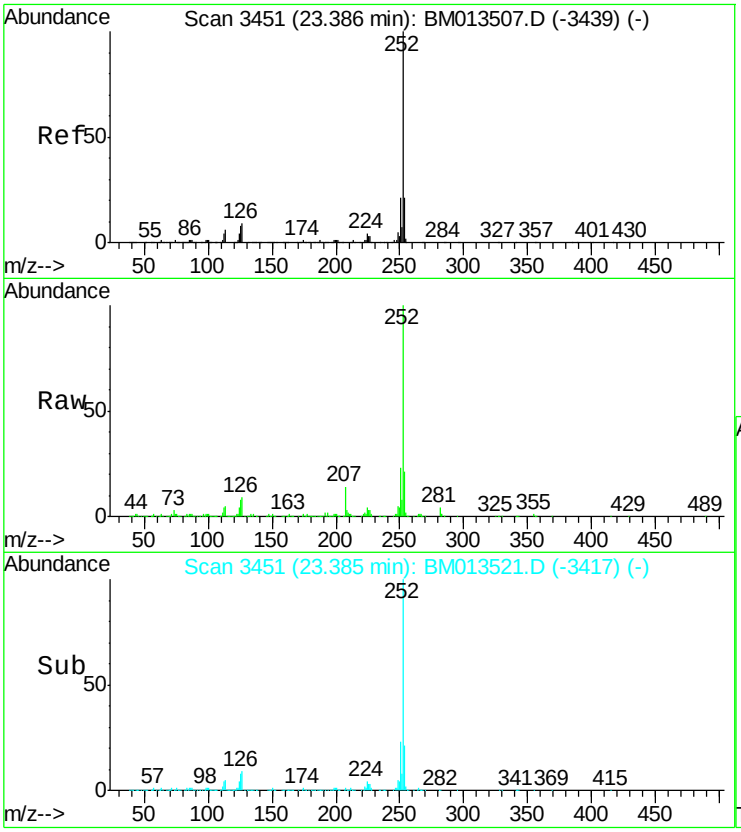


#86
Benzo(k)fluoranthene
Concen: 19.107 ng/ul
RT: 22.86 min Scan# 3361
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Tgt Ion:252 Resp: 958828

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	7.2	3.4	5.2#



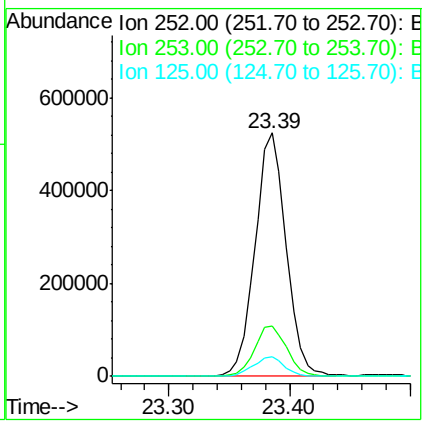


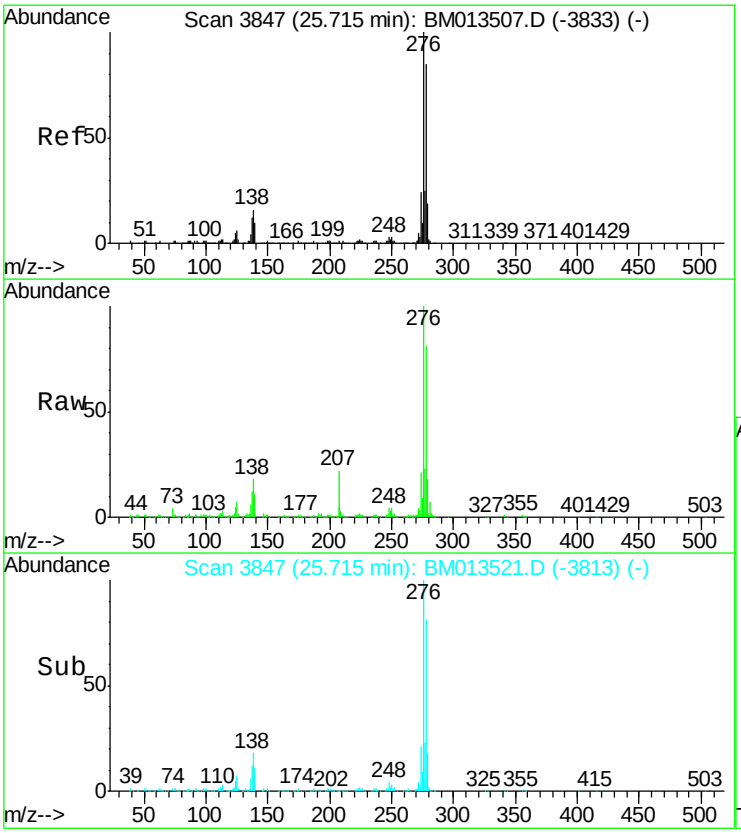
#88
Benzo(a)pyrene
Concen: 19.506 ng/ul
RT: 23.39 min Scan# 3451
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 934332

Ion	Ratio	Lower	Upper
252	100		
253	20.7	18.2	27.2
125	8.0	4.0	6.0#

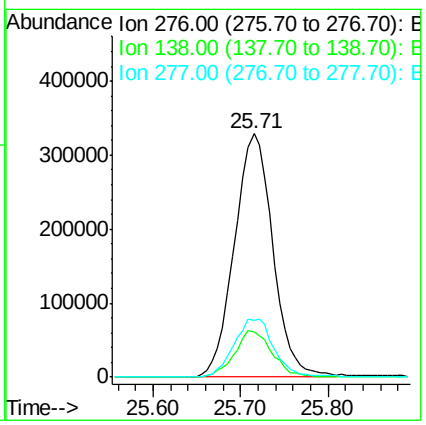


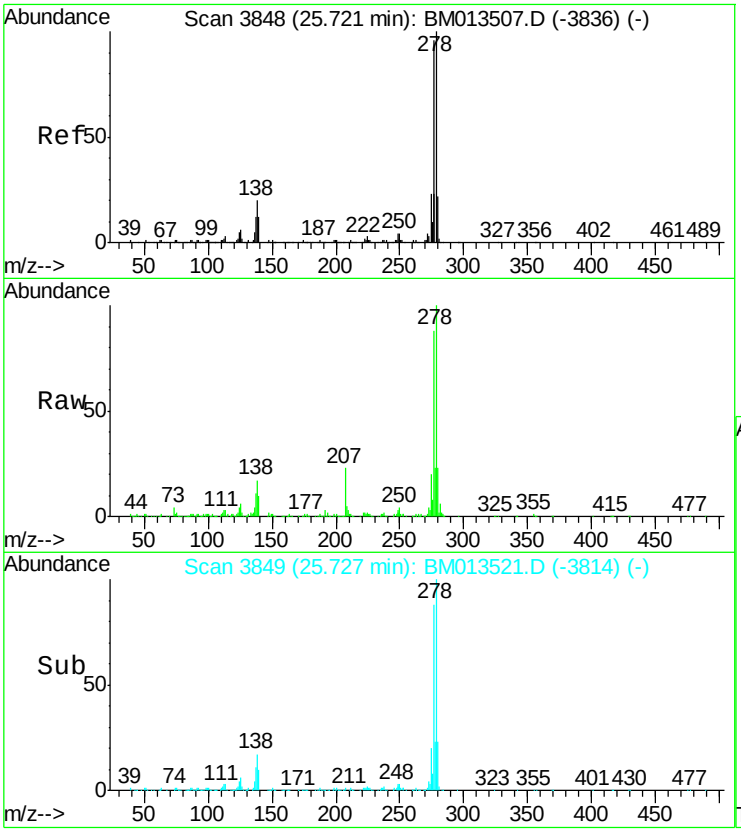


#89
Indeno(1,2,3-cd)pyrene
Concen: 20.682 ng/ul
RT: 25.71 min Scan# 3847
Delta R.T. -0.00 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Tgt Ion:276 Resp: 982958

Ion	Ratio	Lower	Upper
276	100		
138	18.4	9.3	13.9#
277	23.1	19.9	29.9



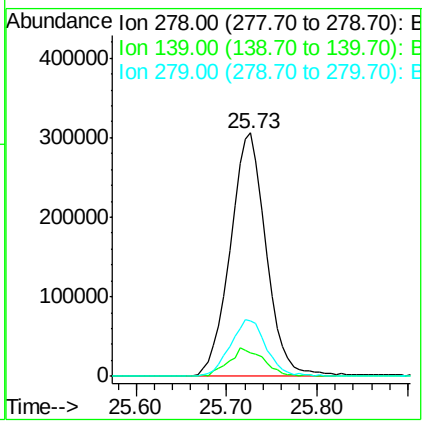


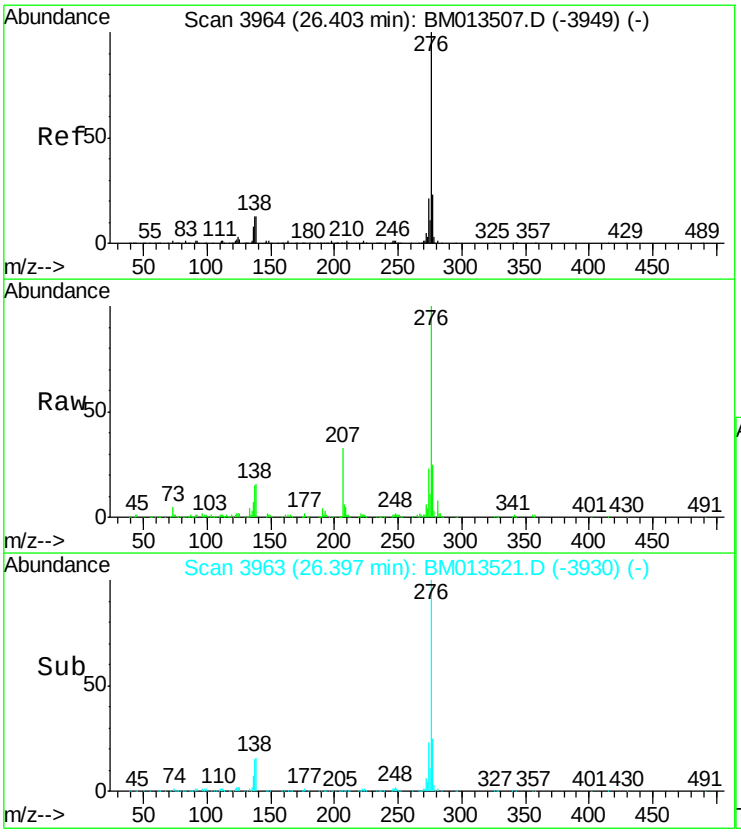
#90
Dibenzo(a,h)anthracene
Concen: 20.759 ng/ul
RT: 25.73 min Scan# 3849
Delta R.T. 0.01 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 840130

Ion	Ratio	Lower	Upper
278	100		
139	9.8	5.8	8.8#
279	22.8	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 19.706 ng/ul
RT: 26.40 min Scan# 3963
Delta R.T. -0.01 min
Lab File: BM013521.D
Acq: 19 Dec 2017 20:04

Tgt Ion:276 Resp: 738766

Ion	Ratio	Lower	Upper
276	100		
138	16.4	8.5	12.7#
277	24.6	18.6	28.0