Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082316\
Data File : BM007257.D
Acq On : 23 Aug 2016 18:02
Operator : UM/SJ
Sample : MDL-04-S
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-04-S

Quant Time: Aug 23 18:33:37 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 23 13:53:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	140058	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	706241	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	522847	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1445330	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2190105	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2479878	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	8089	2.95	ng/uL	0.00
5) Phenol-d5	6.97	99	343314	25.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	206526	29.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	272196	27.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	307040	26.61	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	151271	29.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	177026	29.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	322648	26.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	461563	30.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1397635	30.98	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1537427	29.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	258970	30.41	ng/ul	0.00
57) Fluorene-d10	15.43	176	1173105	30.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	252423	27.77	ng/ul	0.00
70) Anthracene-d10	17.27	188	2040071	30.22	ng/ul	0.00
76) Pyrene-d10	19.57	212	2634472	28.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	3357050	29.39	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	2094	0.69	ng/uL#	71
4) Benzaldehyde	6.95	77	23020	3.05	ng/ul	94
6) Phenol	7.00	94	33212	2.42	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.23	93	26851	2.81	ng/ul	96
10) 2-Chlorophenol	7.37	128	26358	2.63	ng/ul	96
11) 2-Methylphenol	8.24	108	24960	2.33	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.33	45	29422	2.73	ng/ul#	93
14) Acetophenone	8.62	105	50496	2.85	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.60	70	24789	2.64	ng/ul	97
16) 4-Methylphenol	8.56	108	29561	2.46	ng/ul	93
17) Hexachloroethane	8.87	117	10111	2.60	ng/ul	95
20) Nitrobenzene	9.00	77	35687	2.68	ng/ul	98
21) Isophorone	9.52	82	71605	2.64	ng/ul#	98
23) 2-Nitrophenol	9.70	139	17151	2.61	ng/ul#	89
24) 2,4-Dimethylphenol	9.76	107	35731	2.46	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.00	93	39517	2.58	ng/ul	99
27) 2,4-Dichlorophenol	10.23	162	29009	2.42	ng/ul	87
28) Naphthalene	10.63	128	93437	2.66	ng/ul	99
30) 4-Chloroaniline	10.75	127	41637	2.69	ng/ul	96
31) Hexachlorobutadiene	10.92	225	22324	2.76	ng/ul	97
32) Caprolactam	11.54	113	12211	2.53	ng/ul#	72
33) 4-Chloro-3-methylphenol	11.87	107	36094	2.44	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	75991	2.64	ng/ul	96

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Operator : UM/SJ
Sample : MDL-04-S
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-04-S

Quant Time: Aug 23 18:33:37 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 23 13:53:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	44993	2.58	ng/ul	97
37) Hexachlorocyclopentadiene	12.60	237	21840	2.08	ng/ul#	92
38) 2,4,6-Trichlorophenol	12.86	196	28640	2.33	ng/ul	99
39) 2,4,5-Trichlorophenol	12.93	196	30019	2.34	ng/ul	99
40) 1,1'-Biphenyl	13.26	154	107978	2.66	ng/ul	98
41) 2-Chloronaphthalene	13.30	162	82632	2.60	ng/ul	98
42) 2-Nitroaniline	13.51	65	23897	2.30	ng/ul	98
44) Dimethylphthalate	13.89	163	128244	2.85	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	21688	2.36	ng/ul	94
47) Acenaphthylene	14.15	152	143978	2.68	ng/ul	98
48) 3-Nitroaniline	14.34	138	24283	2.59	ng/ul	98
49) Acenaphthene	14.50	153	94038	2.69	ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	10052	1.61	ng/ul#	88
52) 4-Nitrophenol	14.65	109	25389	2.80	ng/ul	94
53) Dibenzofuran	14.83	168	144026	2.75	ng/ul	95
54) 2,4-Dinitrotoluene	14.80	165	36989	2.63	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.06	232	32355	2.46	ng/ul#	94
56) Diethylphthalate	15.26	149	130476	2.78	ng/ul	100
58) Fluorene	15.48	166	123003	2.85	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.47	204	65475	2.90	ng/ul	98
60) 4-Nitroaniline	15.50	138	28064	2.64	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.56	198	25724	2.65	ng/ul#	47
64) N-Nitrosodiphenylamine	15.69	169	110264	2.73	ng/ul	98
65) 4-Bromophenyl-phenylether	16.37	248	42537	2.61	ng/ul	96
66) Hexachlorobenzene	16.48	284	50883	2.78	ng/ul	96
67) Atrazine	16.64	200	45680	2.68	ng/ul	95
68) Pentachlorophenol	16.83	266	25619	2.17	ng/ul	97
69) Phenanthrene	17.22	178	220227	2.84	ng/ul	97
71) Anthracene	17.31	178	230169	2.87	ng/ul	99
72) Carbazole	17.58	167	201411	2.89	ng/ul	98
73) Di-n-butylphthalate	18.14	149	233891	2.67	ng/ul	99
74) Fluoranthene	19.23	202	291626	2.99	ng/ul	100
77) Pyrene	19.60	202	325059	2.77	ng/ul	96
78) Butylbenzylphthalate	20.49	149	113783	2.33	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.27	252	123362	2.84	ng/ul	99
80) Benzo(a)anthracene	21.34	228	364677	2.82	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	181550	2.56	ng/ul	97
82) Chrysene	21.39	228	332381	2.84	ng/ul	97
84) Di-n-octyl phthalate	22.16	149	319934	2.59	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	401011	2.73	ng/ul	100
86) Benzo(k)fluoranthene	22.99	252	381466	2.81	ng/ul	97
88) Benzo(a)pyrene	23.53	252	400837	2.86	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	483211	2.81	ng/ul	98
90) Dibenzo(a,h)anthracene	25.92	278	406631	2.84	ng/ul	98
91) Benzo(g,h,i)perylene	26.61	276	405720	2.78	ng/ul	98

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

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Data Path : Z:\HPCHEM1\BNA M\DATA\BM082316\
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Acq On : 23 Aug 2016 18:02
Operator : UM/SJ
Sample : MDL-04-S
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Time: Aug 23 18:33:37 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
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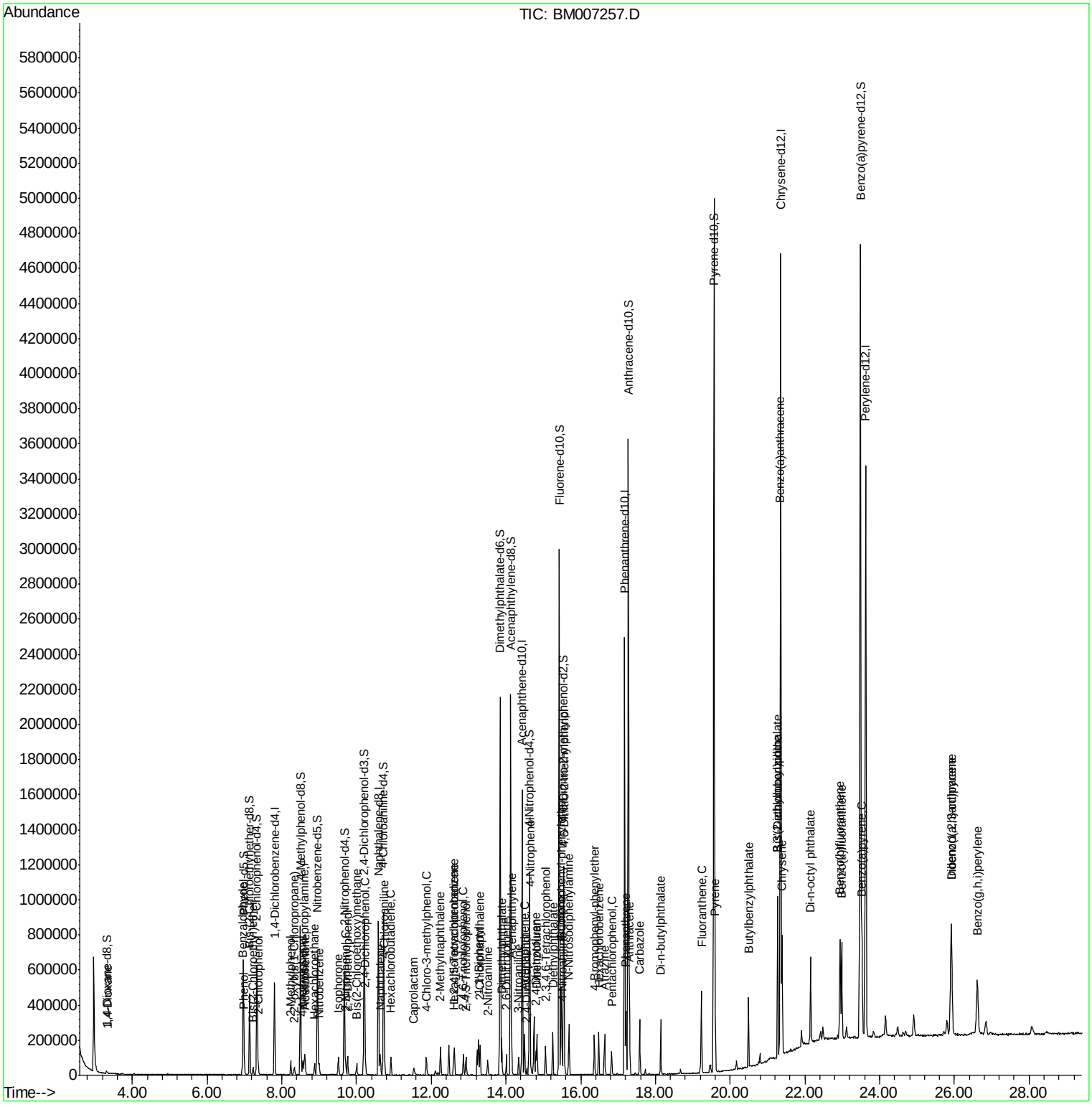
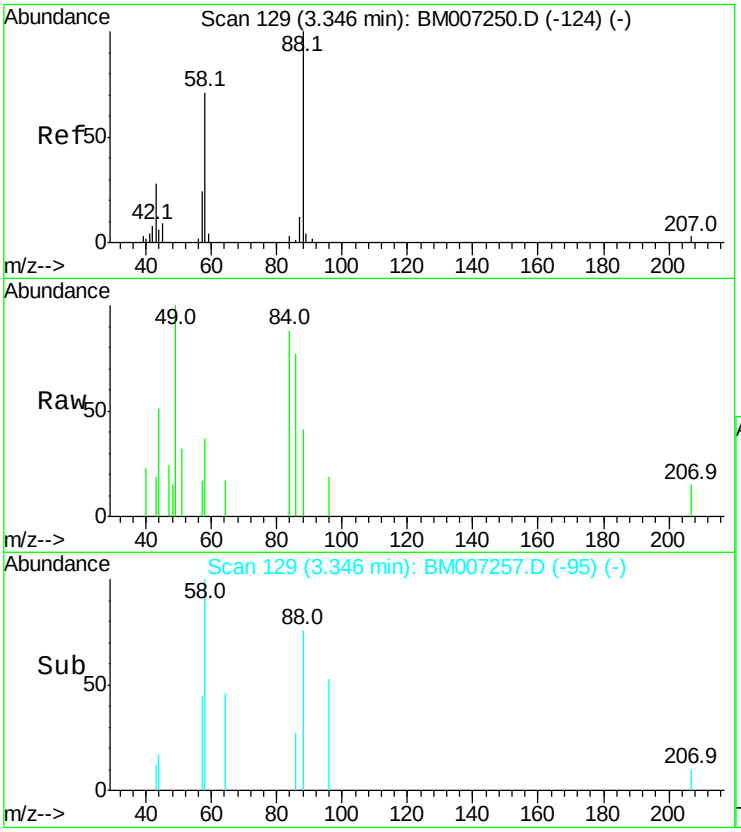


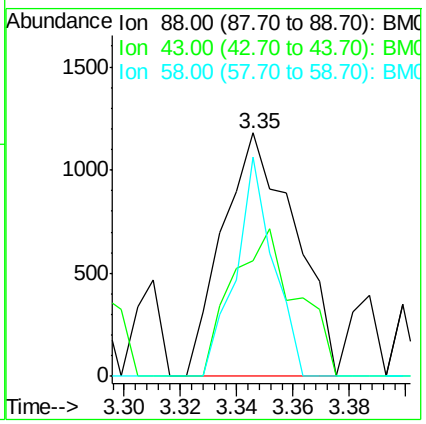


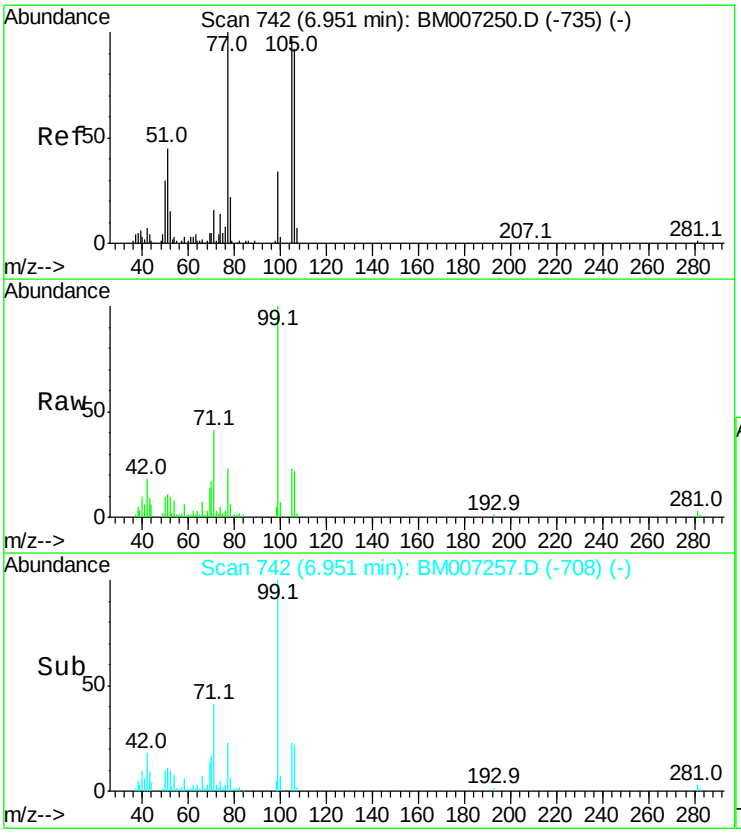
#2
1,4-Dioxane
Concen: 0.69 ng/uL
RT: 3.35 min Scan# 129
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion: 88 Resp: 2094

Ion	Ratio	Lower	Upper
88	100		
43	42.3	22.6	34.0#
58	46.9	57.3	85.9#

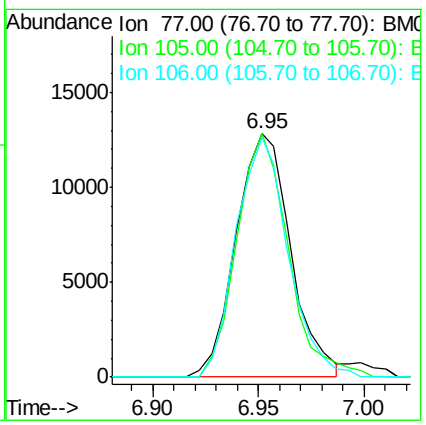


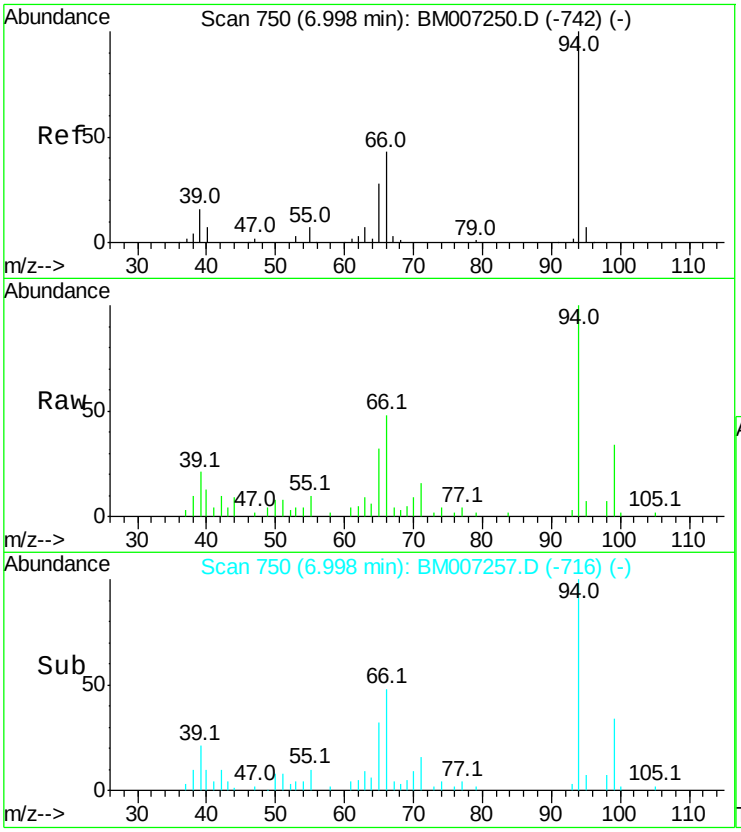


#4
Benzaldehyde
Concen: 3.05 ng/ul
RT: 6.95 min Scan# 742
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Tgt Ion: 77 Resp: 23020

Ion	Ratio	Lower	Upper
77	100		
105	99.9	76.9	115.3
106	98.4	71.8	107.8



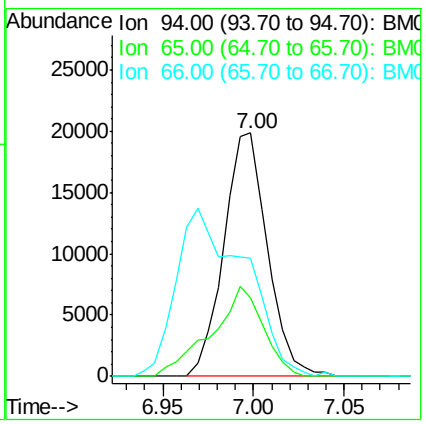


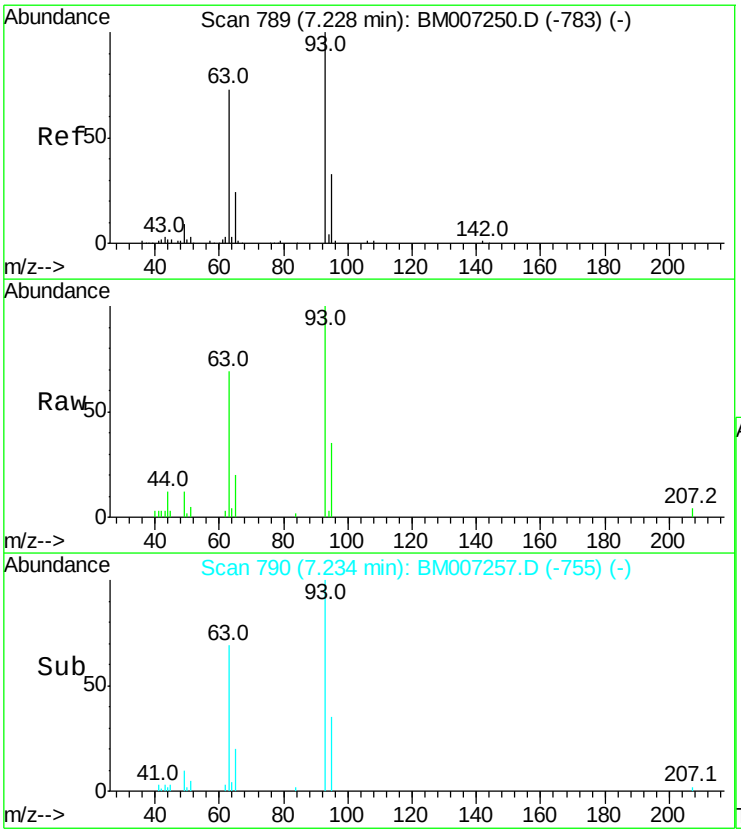
#6
Phenol
Concen: 2.42 ng/ul
RT: 7.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion: 94 Resp: 33212

Ion	Ratio	Lower	Upper
94	100		
65	32.3	23.9	35.9
66	48.4	33.5	50.3

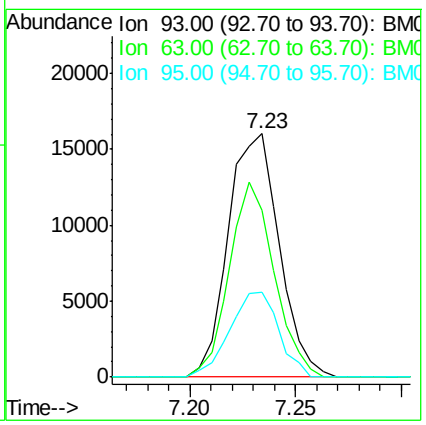


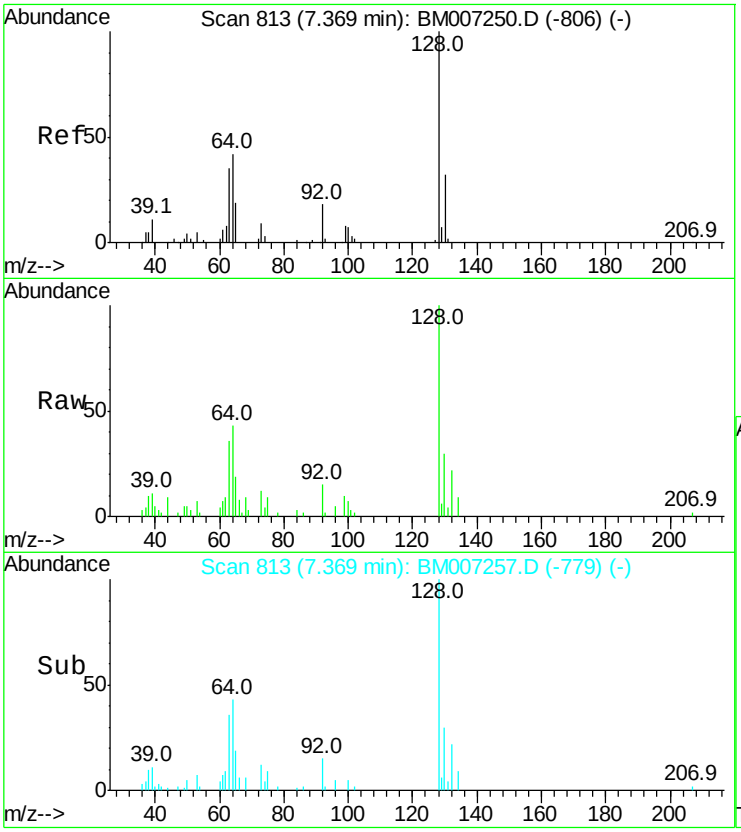


#8
Bis(2-Chloroethyl)ether
Concen: 2.81 ng/ul
RT: 7.23 min Scan# 790
Delta R.T. 0.01 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Tgt Ion: 93 Resp: 26851

Ion	Ratio	Lower	Upper
93	100		
63	68.6	57.3	85.9
95	34.8	25.1	37.7



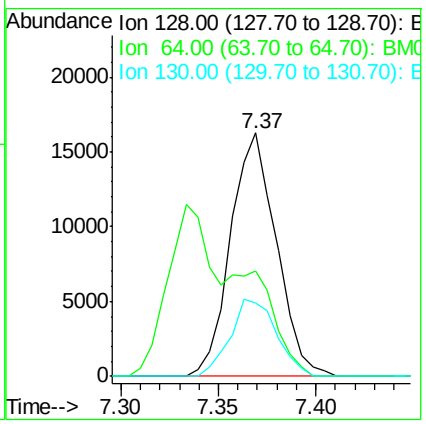


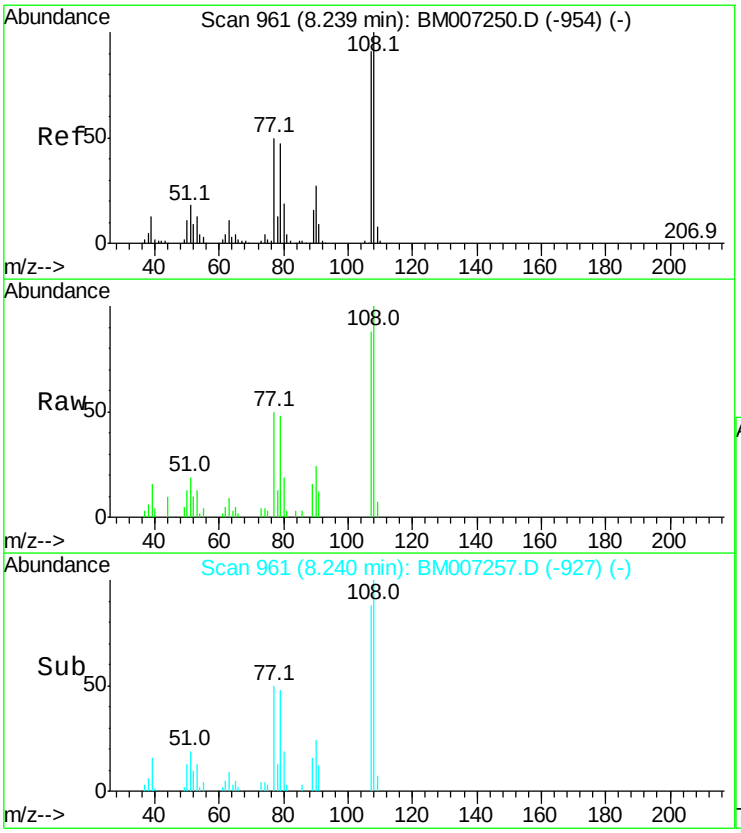
#10
2-Chlorophenol
Concen: 2.63 ng/ul
RT: 7.37 min Scan# 813
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:128 Resp: 26358

Ion	Ratio	Lower	Upper
128	100		
64	43.1	37.5	56.3
130	29.9	25.0	37.4

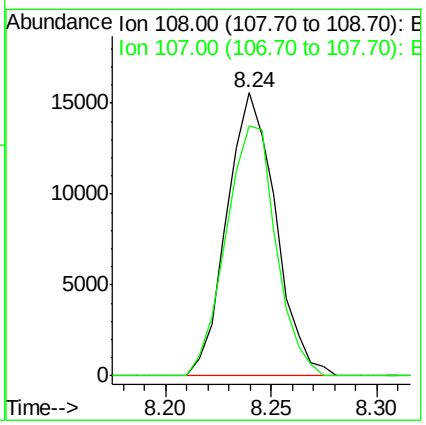


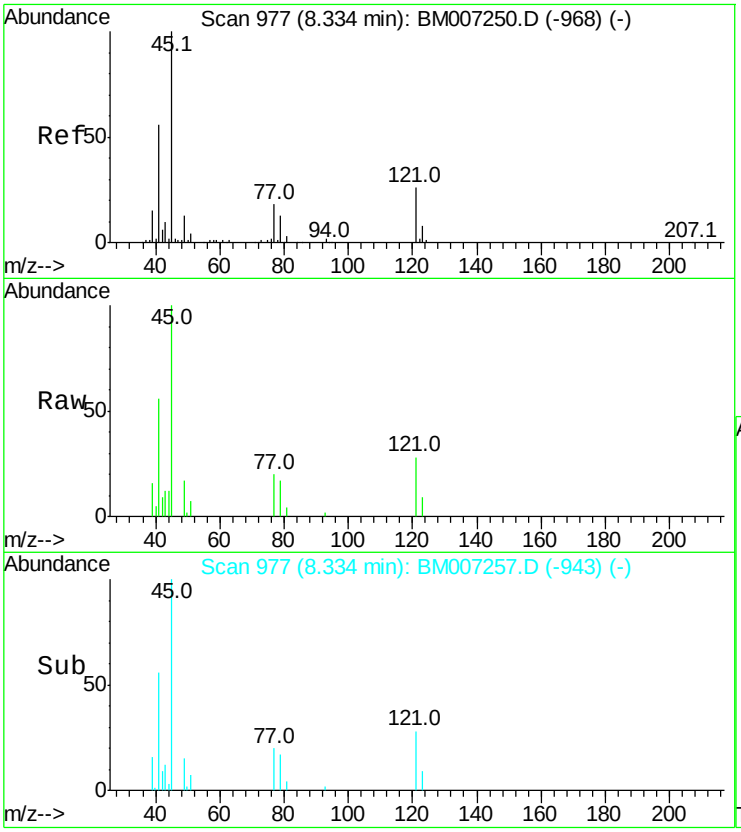


#11
2-Methylphenol
Concen: 2.33 ng/ul
RT: 8.24 min Scan# 961
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Tgt Ion:108 Resp: 24960

Ion	Ratio	Lower	Upper
108	100		
107	88.4	71.8	107.6



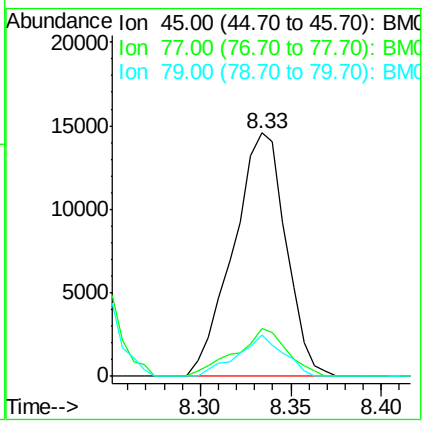


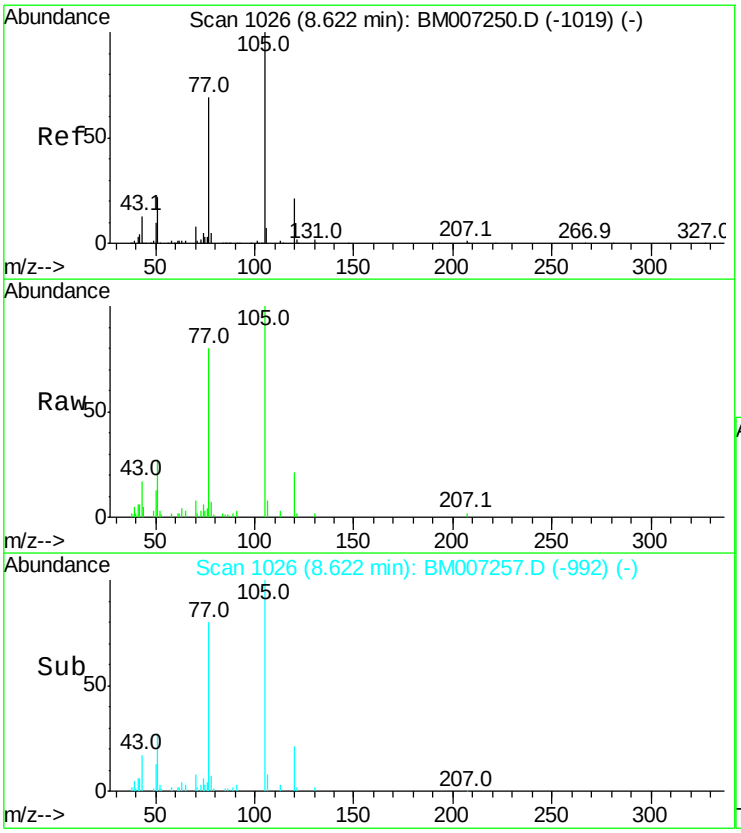
#12
2,2'-oxybis(1-Chloropropane)
Concen: 2.73 ng/ul
RT: 8.33 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion: 45 Resp: 29422

Ion	Ratio	Lower	Upper
45	100		
77	19.7	14.1	21.1
79	16.8	10.4	15.6#

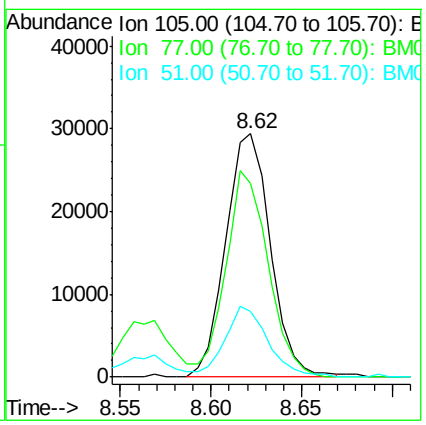


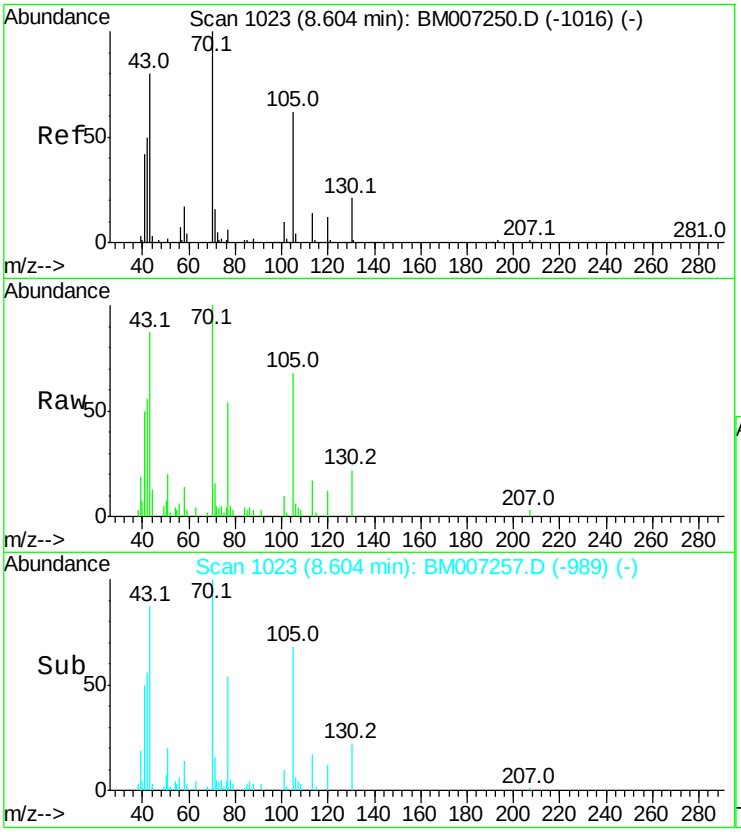


#14
Acetophenone
Concen: 2.85 ng/ul
RT: 8.62 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Tgt Ion:105 Resp: 50496

Ion	Ratio	Lower	Upper
105	100		
77	79.7	65.9	98.9
51	26.7	22.2	33.2



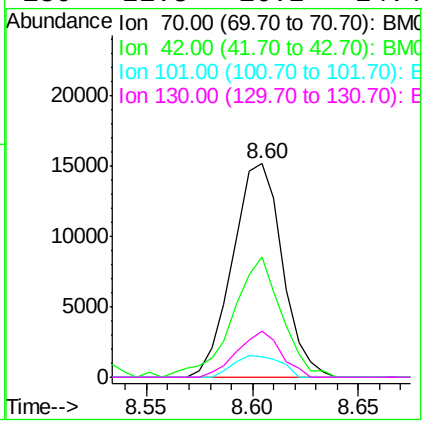


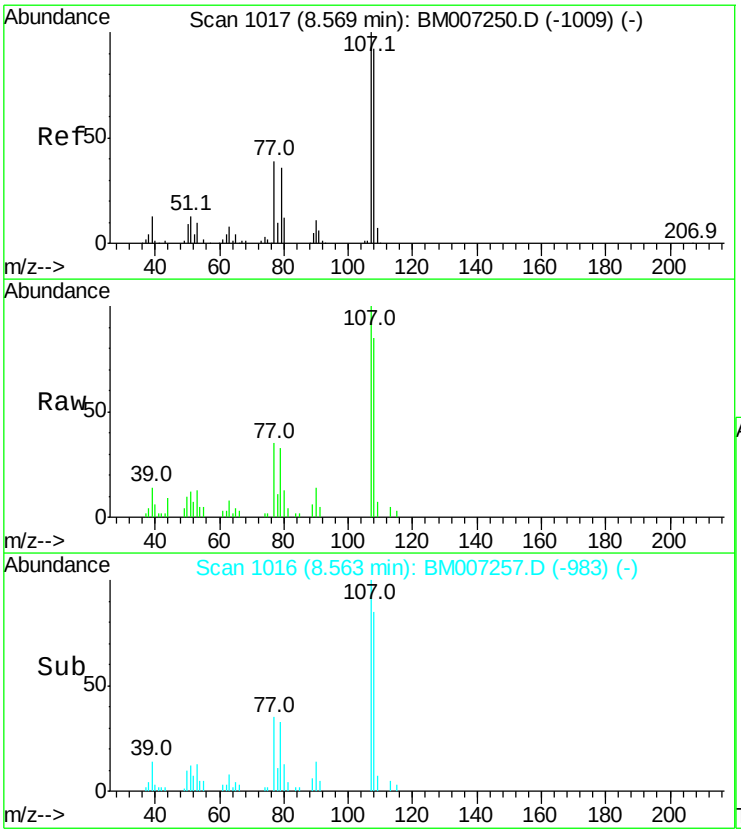
#15
N-Nitroso-di-n-propylamine
Concen: 2.64 ng/ul
RT: 8.60 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion: 70 Resp: 24789

Ion	Ratio	Lower	Upper
70	100		
42	56.3	43.4	65.2
101	9.8	7.8	11.6
130	21.8	16.2	24.4

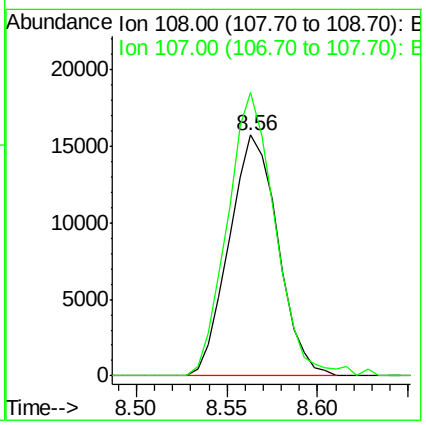


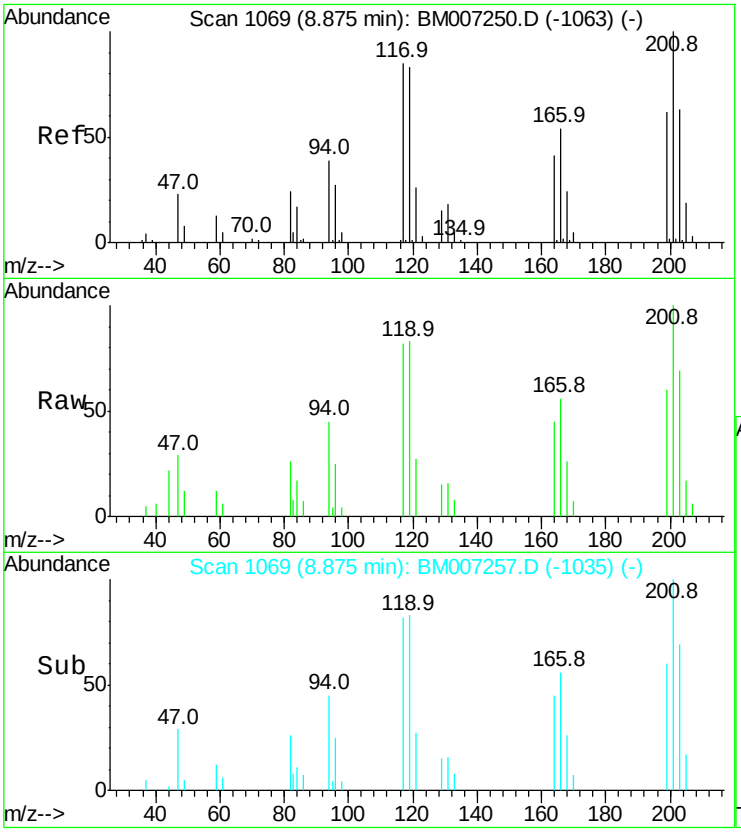


#16
4-Methylphenol
Concen: 2.46 ng/ul
RT: 8.56 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Tgt Ion:108 Resp: 29561

Ion	Ratio	Lower	Upper
108	100		
107	117.6	87.8	131.8



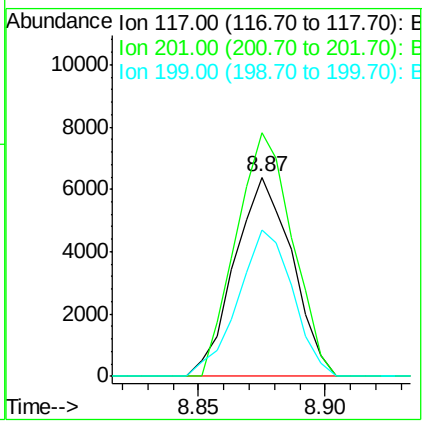


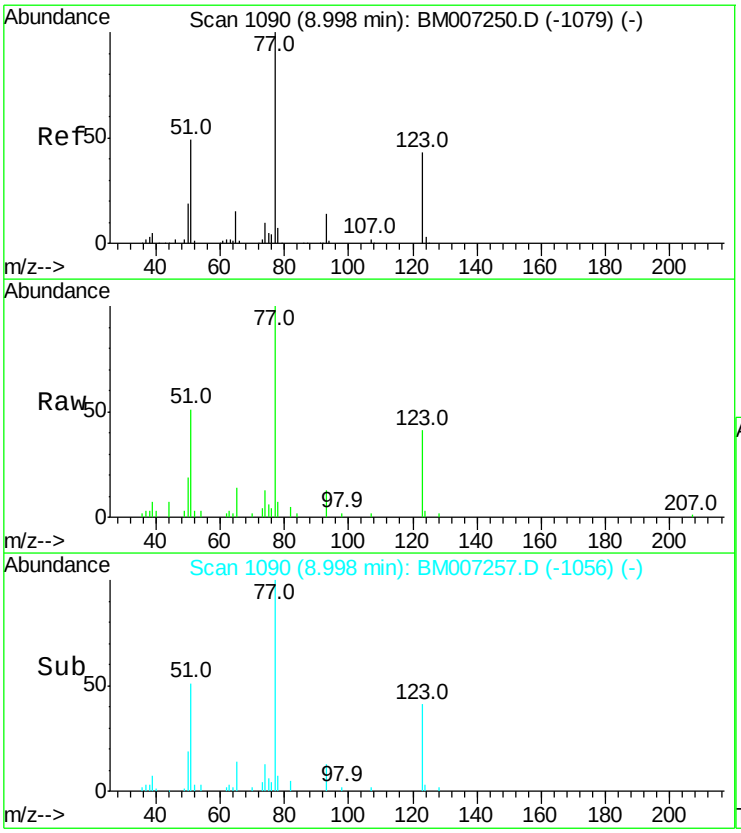
#17
Hexachloroethane
Concen: 2.60 ng/ul
RT: 8.87 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:117 Resp: 10111

Ion	Ratio	Lower	Upper
117	100		
201	122.1	90.3	135.5
199	73.3	58.5	87.7

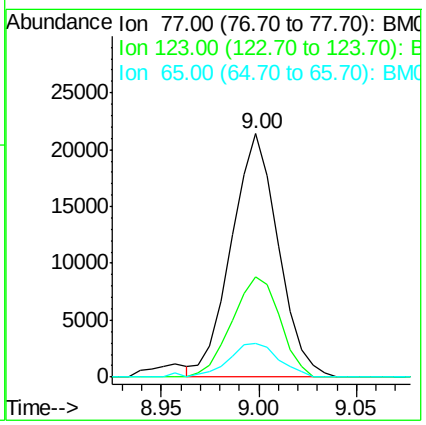


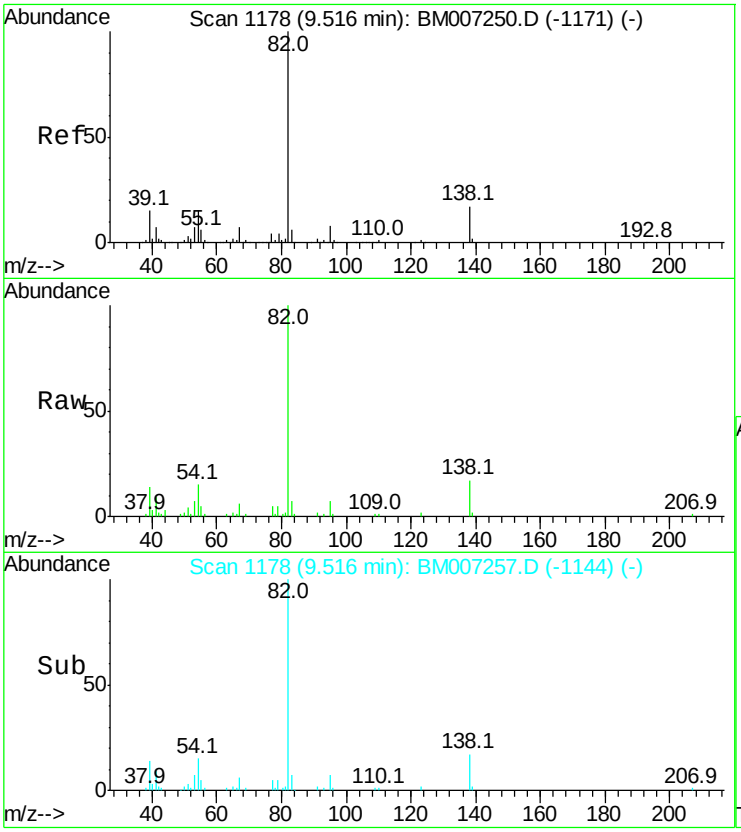


#20
Nitrobenzene
Concen: 2.68 ng/ul
RT: 9.00 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Tgt Ion: 77 Resp: 35687

Ion	Ratio	Lower	Upper
77	100		
123	41.0	34.2	51.4
65	13.9	11.0	16.6



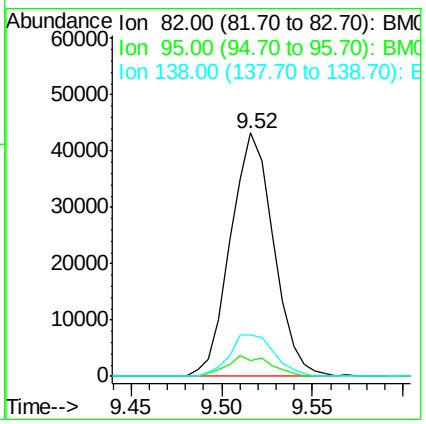


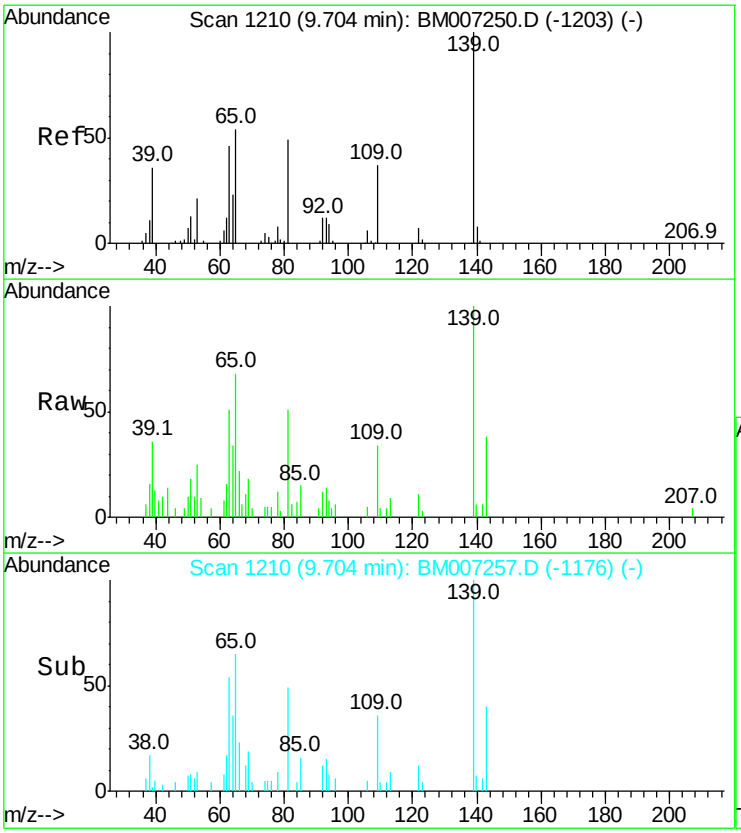
#21
Isophorone
Concen: 2.64 ng/ul
RT: 9.52 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion: 82 Resp: 71605

Ion	Ratio	Lower	Upper
82	100		
95	6.5	6.9	10.3#
138	17.2	13.8	20.8

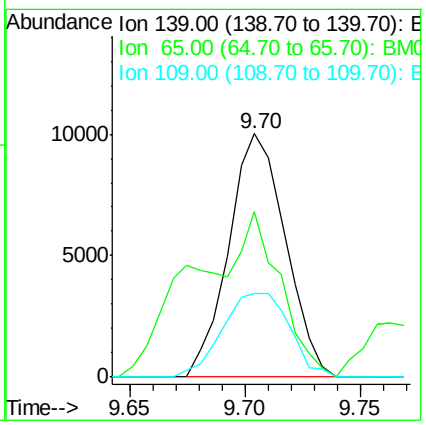


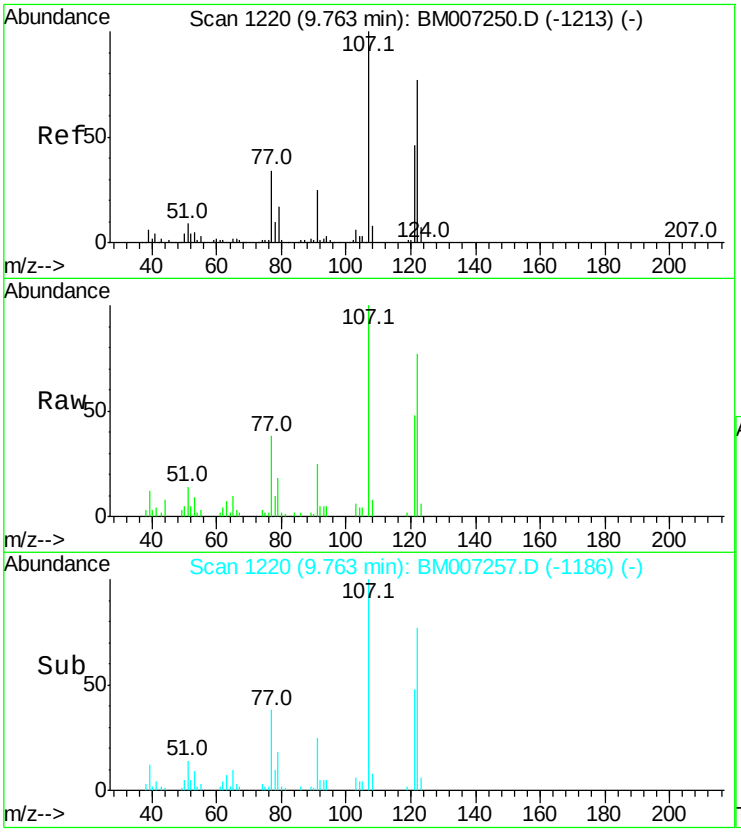


#23
2-Nitrophenol
Concen: 2.61 ng/ul
RT: 9.70 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Tgt Ion:139 Resp: 17151

Ion	Ratio	Lower	Upper
139	100		
65	67.8	44.2	66.4#
109	34.2	28.2	42.4



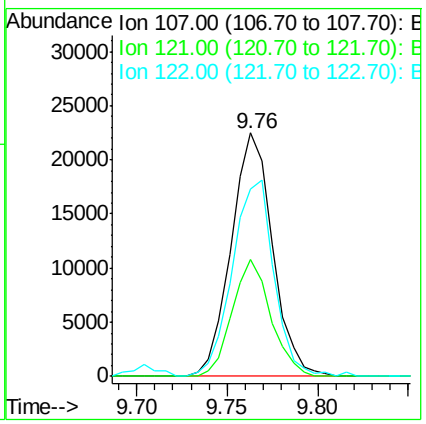


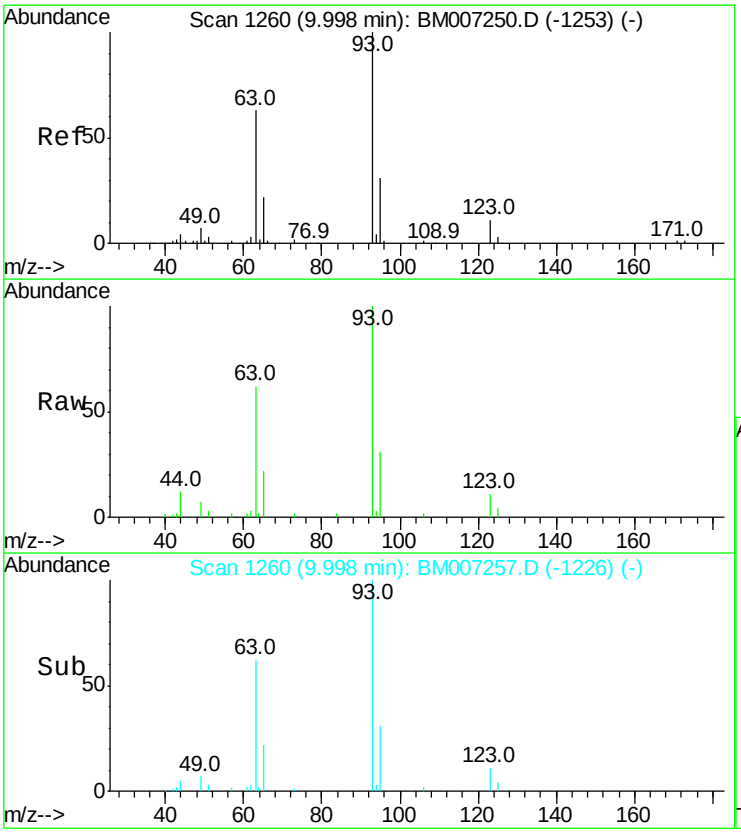
#24
2,4-Dimethylphenol
Concen: 2.46 ng/ul
RT: 9.76 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:107 Resp: 35731

Ion	Ratio	Lower	Upper
107	100		
121	48.2	37.1	55.7
122	77.0	62.8	94.2

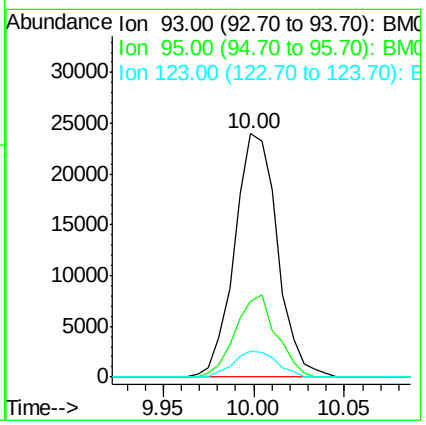


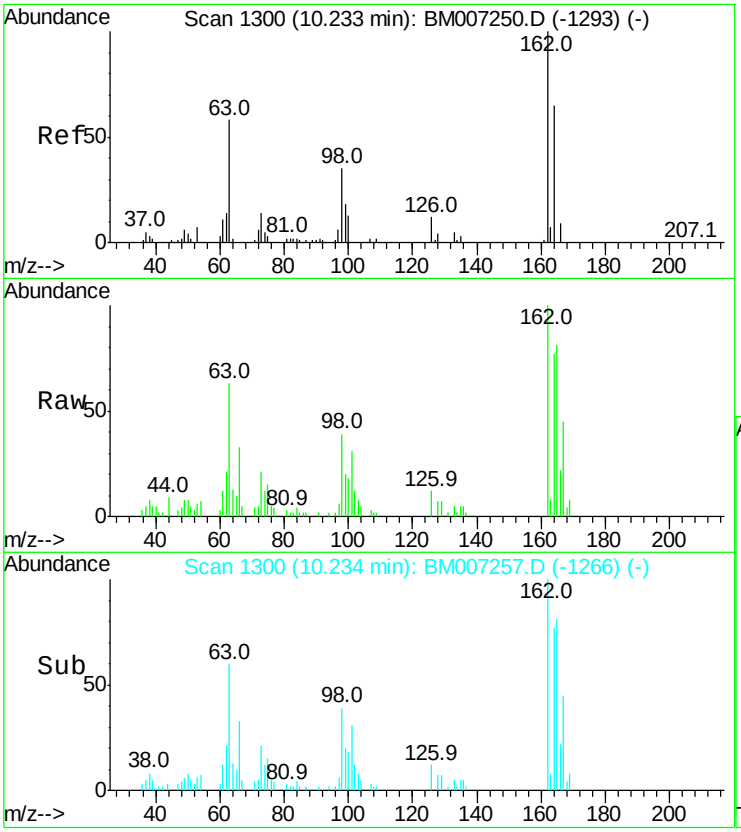


#25
Bis(2-Chloroethoxy)methane
Concen: 2.58 ng/ul
RT: 10.00 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Tgt Ion: 93 Resp: 39517

Ion	Ratio	Lower	Upper
93	100		
95	31.0	25.4	38.0
123	10.8	8.3	12.5



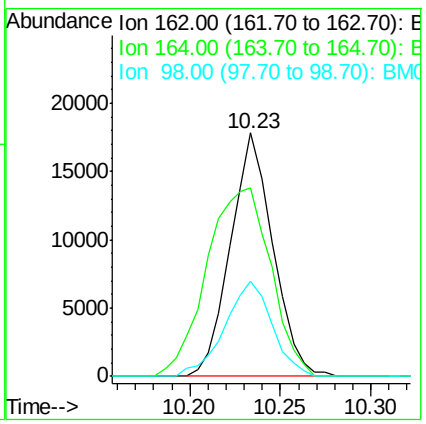


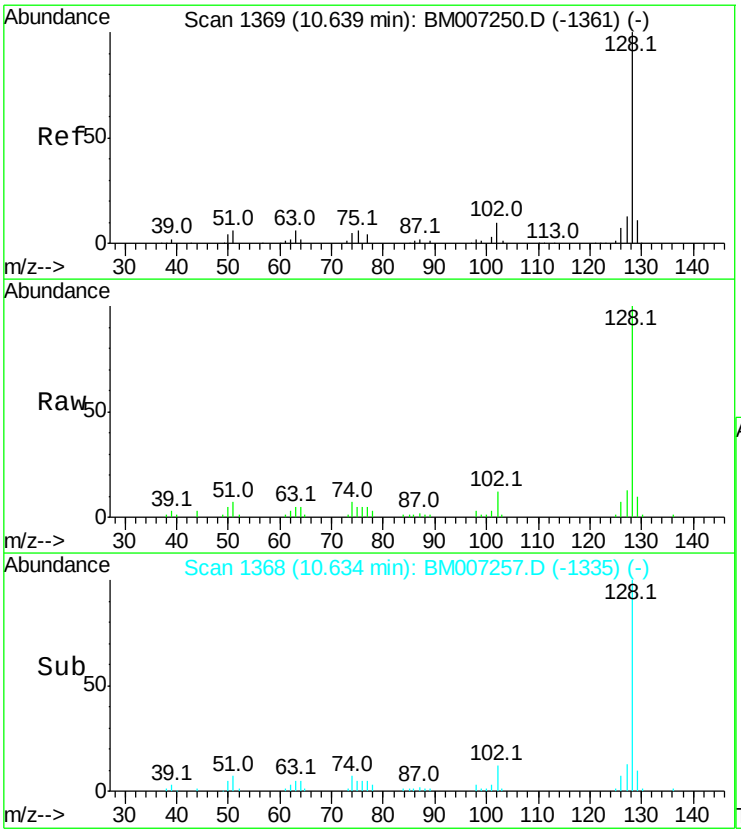
#27
2,4-Dichlorophenol
Concen: 2.42 ng/ul
RT: 10.23 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:162 Resp: 29009

Ion	Ratio	Lower	Upper
162	100		
164	77.3	51.6	77.4
98	38.8	28.4	42.6

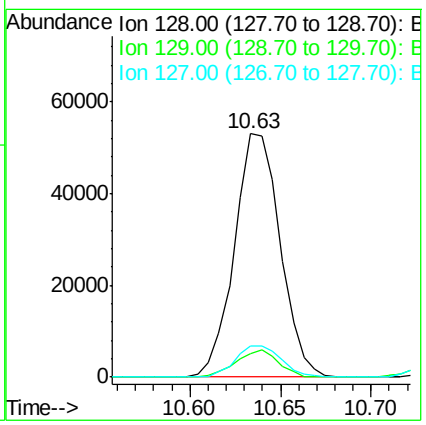


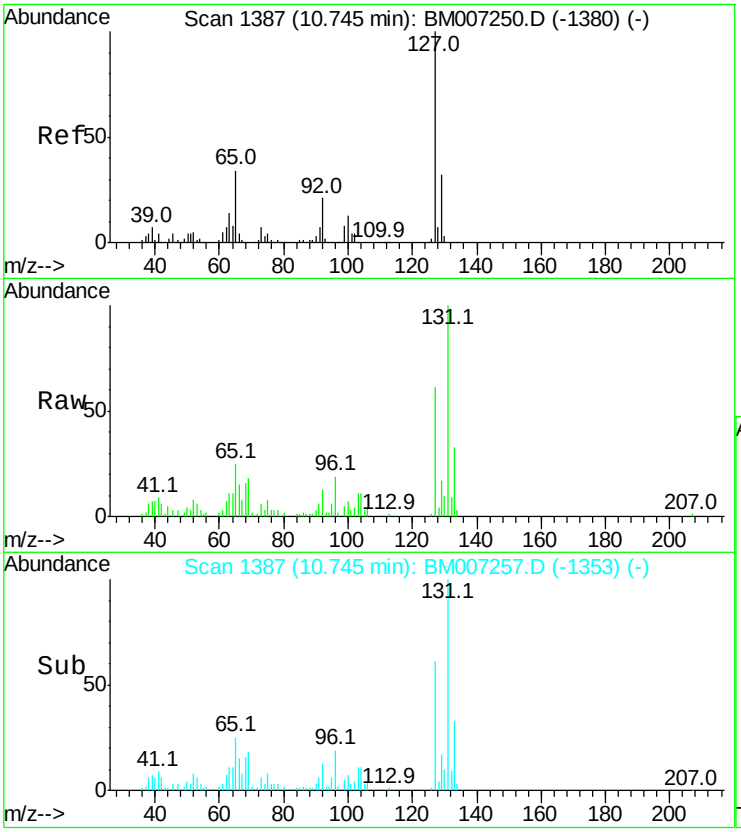


#28
Naphthalene
Concen: 2.66 ng/ul
RT: 10.63 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Tgt Ion:128 Resp: 93437

Ion	Ratio	Lower	Upper
128	100		
129	9.8	8.6	12.8
127	13.0	10.6	15.8



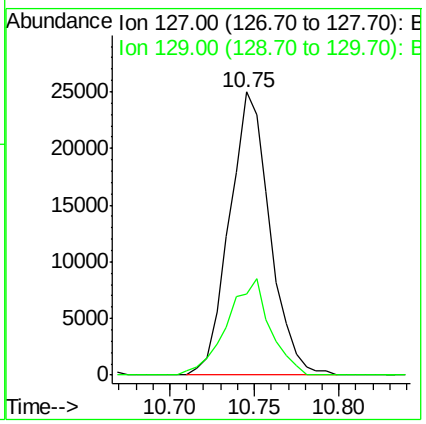


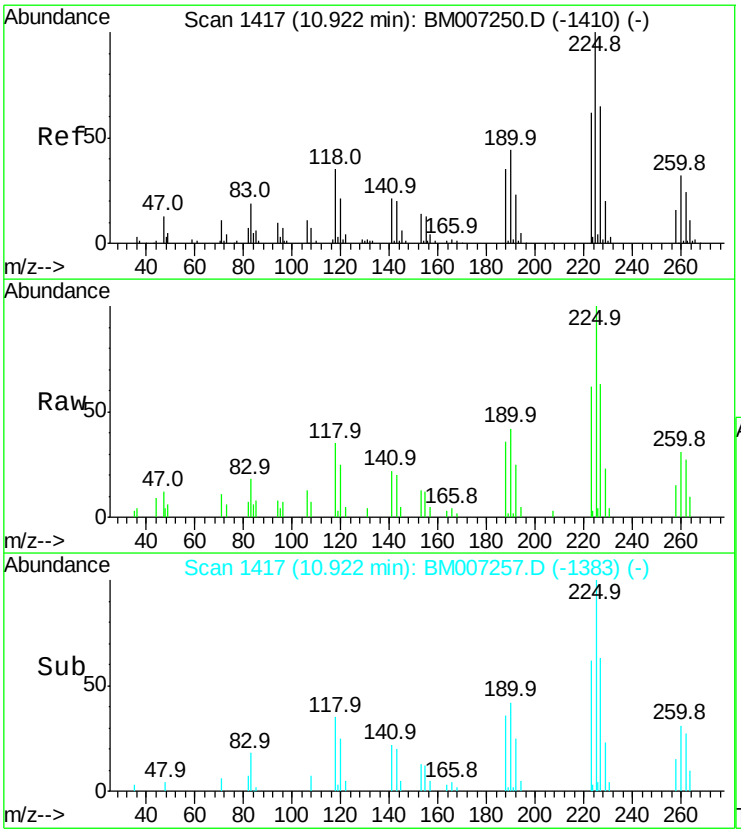
#30
4-Chloroaniline
Concen: 2.69 ng/ul
RT: 10.75 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:127 Resp: 41637

Ion	Ratio	Lower	Upper
127	100		
129	28.7	24.6	37.0

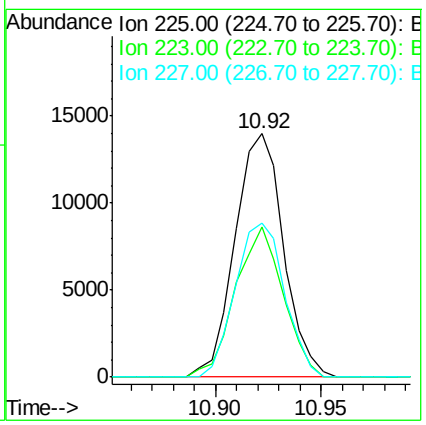


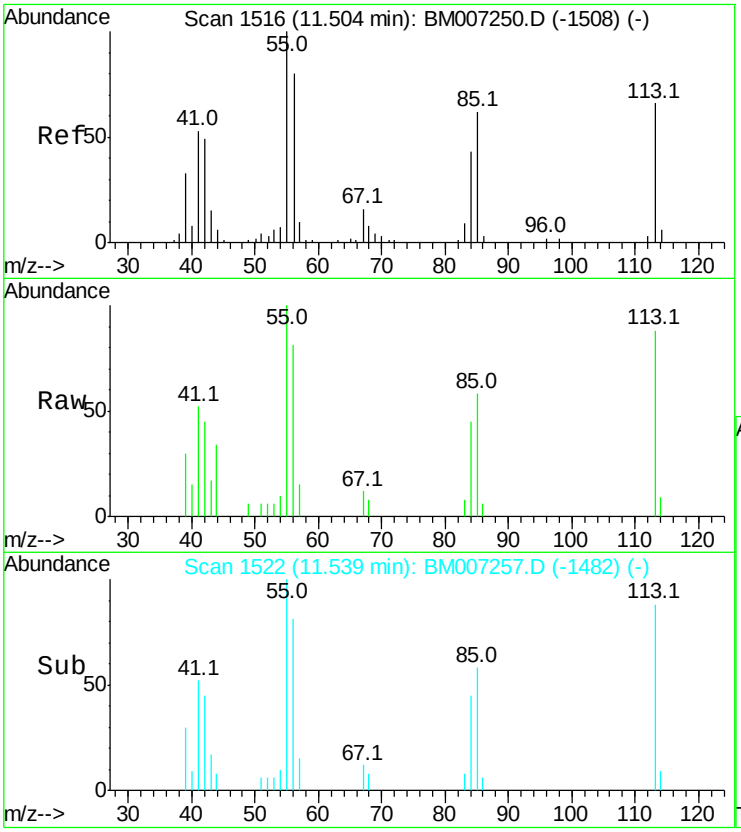


#31
Hexachlorobutadiene
Concen: 2.76 ng/ul
RT: 10.92 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Tgt Ion:225 Resp: 22324

Ion	Ratio	Lower	Upper
225	100		
223	61.6	51.2	76.8
227	63.3	52.5	78.7



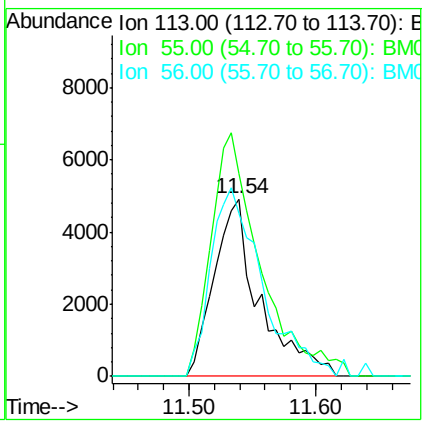


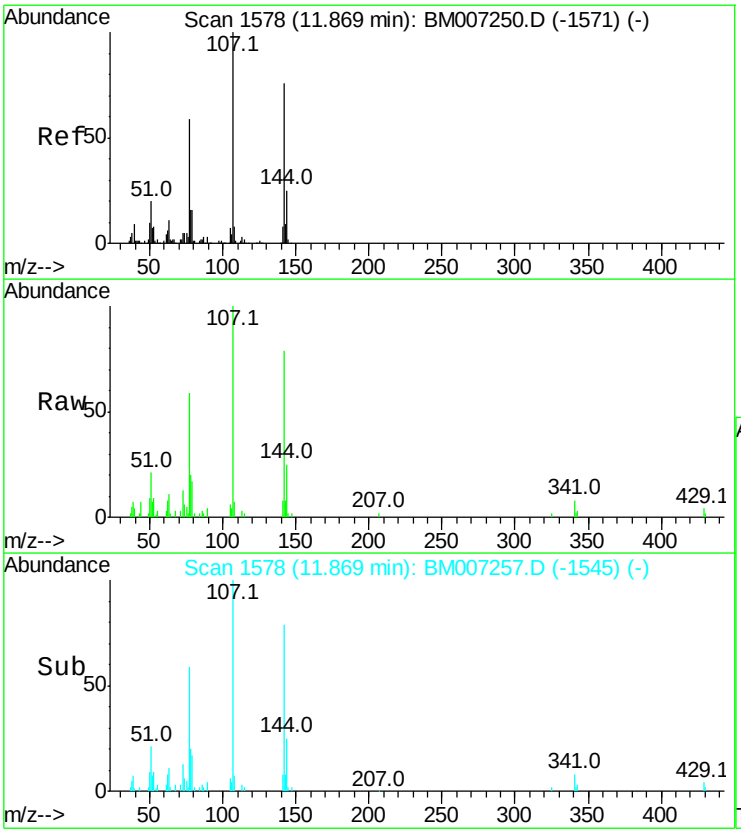
#32
Caprolactam
Concen: 2.53 ng/ul
RT: 11.54 min Scan# 1522
Delta R.T. 0.04 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:113 Resp: 12211

Ion	Ratio	Lower	Upper
113	100		
55	114.0	121.9	182.9#
56	91.9	97.4	146.0#

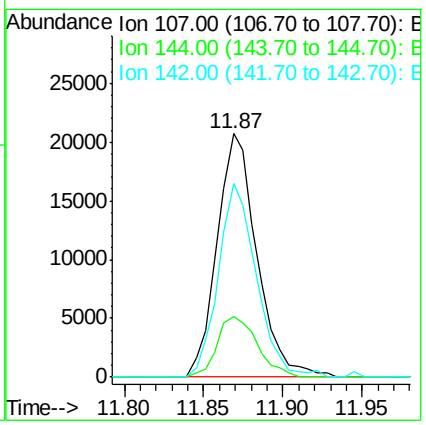


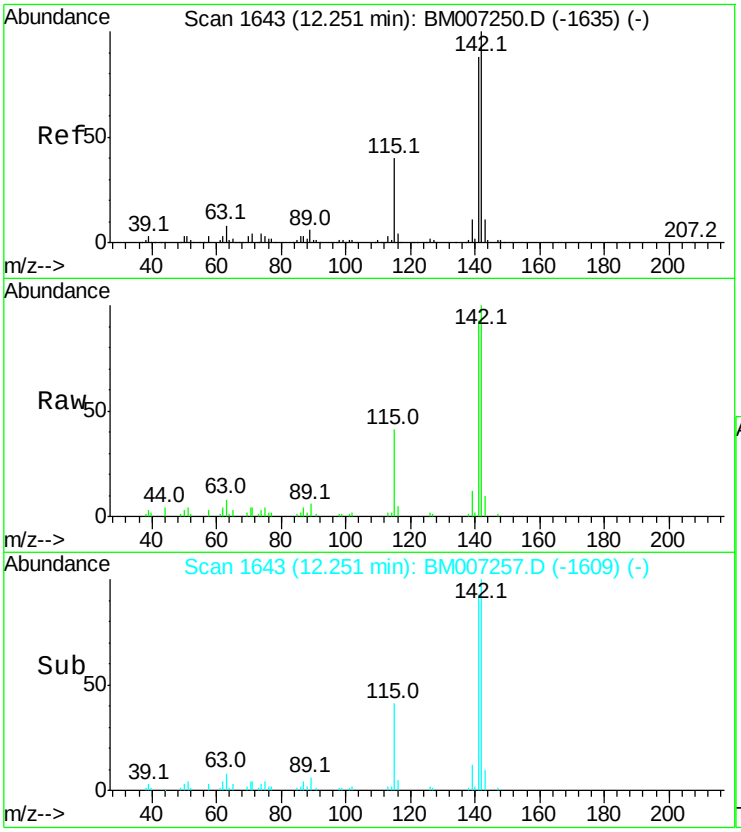


#33
4-Chloro-3-methylphenol
Concen: 2.44 ng/ul
RT: 11.87 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Tgt Ion:107 Resp: 36094

Ion	Ratio	Lower	Upper
107	100		
144	25.0	21.1	31.7
142	79.4	64.1	96.1



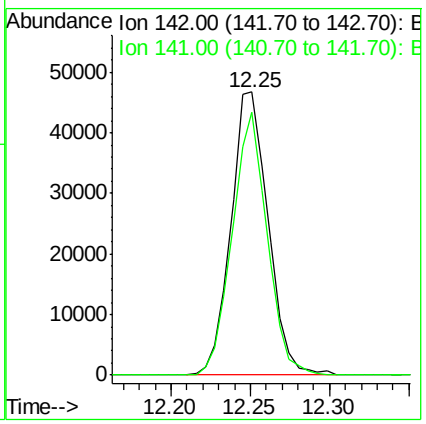


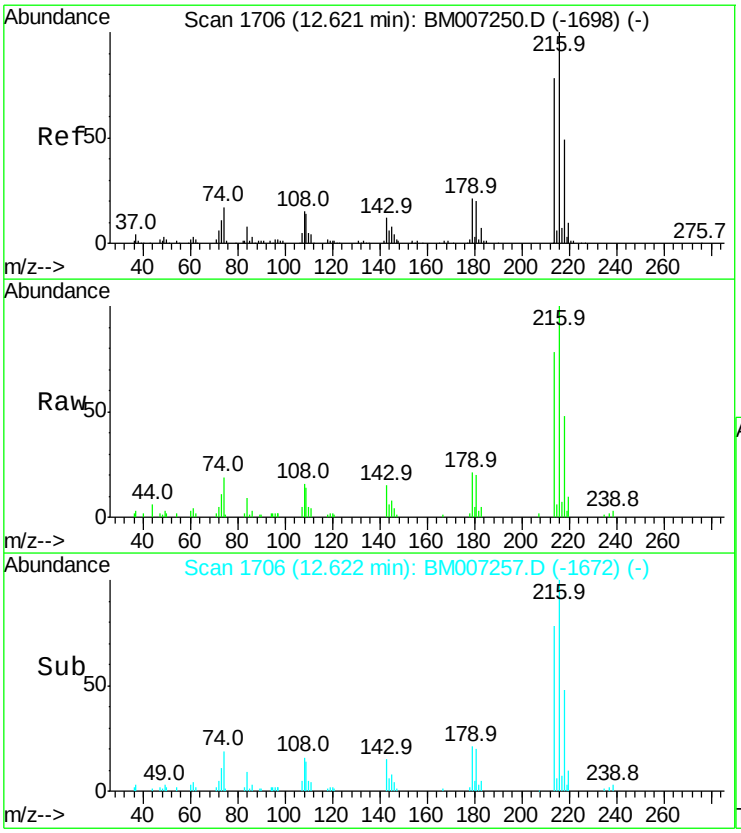
#34
2-Methylnaphthalene
Concen: 2.64 ng/ul
RT: 12.25 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:142 Resp: 75991

Ion	Ratio	Lower	Upper
142	100		
141	92.8	71.3	106.9

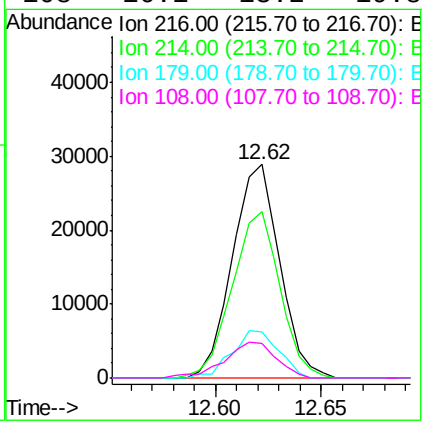


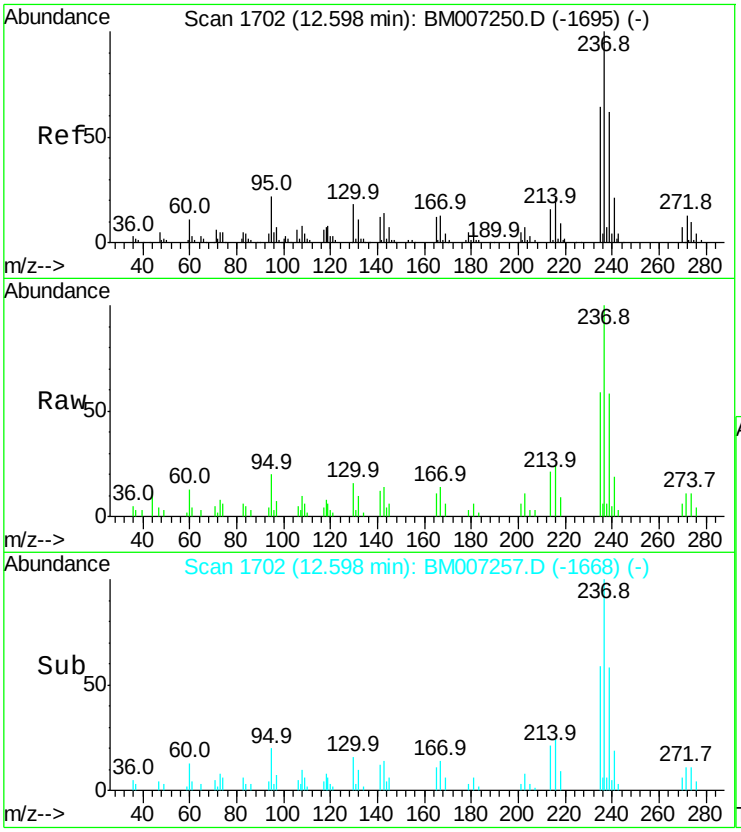


#36
1,2,4,5-Tetrachlorobenzene
Concen: 2.58 ng/ul
RT: 12.62 min Scan# 1706
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Tgt Ion:216 Resp: 44993

Ion	Ratio	Lower	Upper
216	100		
214	78.1	64.8	97.2
179	21.3	16.7	25.1
108	16.1	13.2	19.8



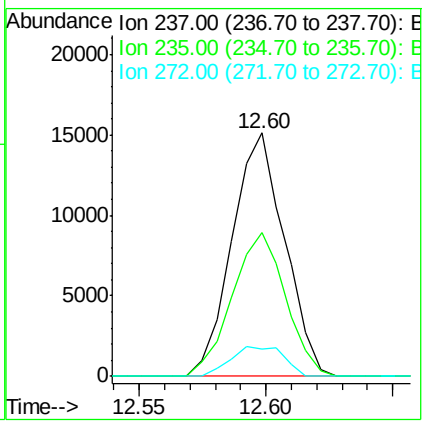


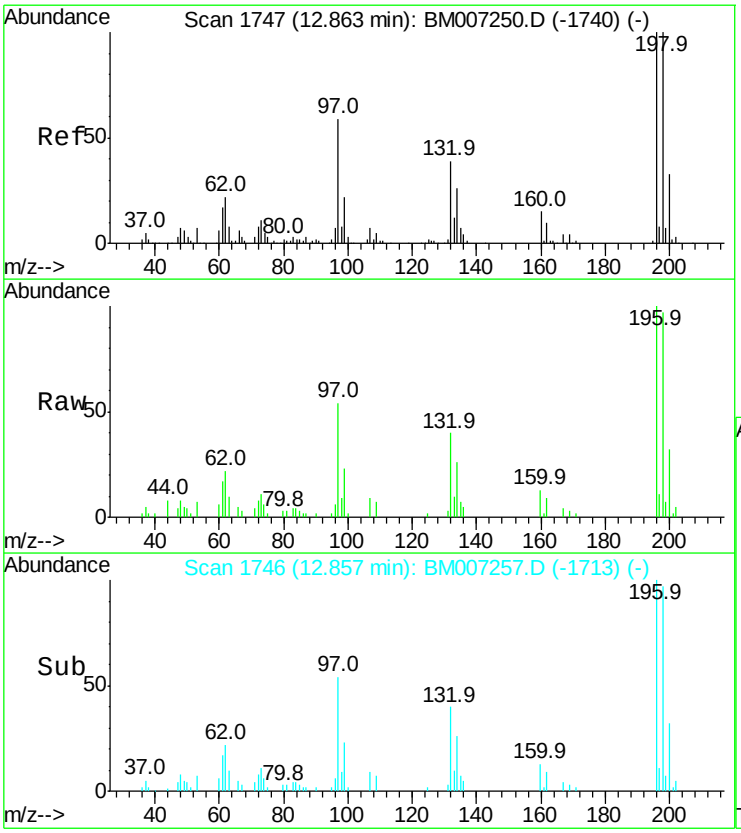
#37
Hexachlorocyclopentadiene
Concen: 2.08 ng/ul
RT: 12.60 min Scan# 1702
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:237 Resp: 21840

Ion	Ratio	Lower	Upper
237	100		
235	55.5	49.6	74.4
272	10.3	10.4	15.6#

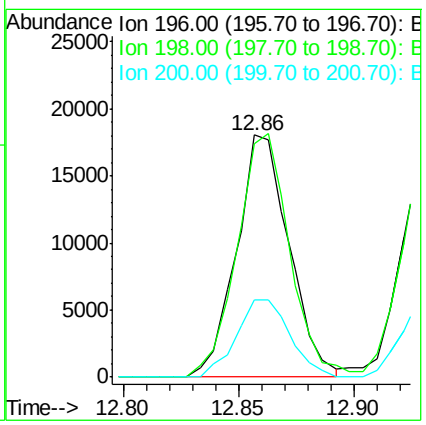


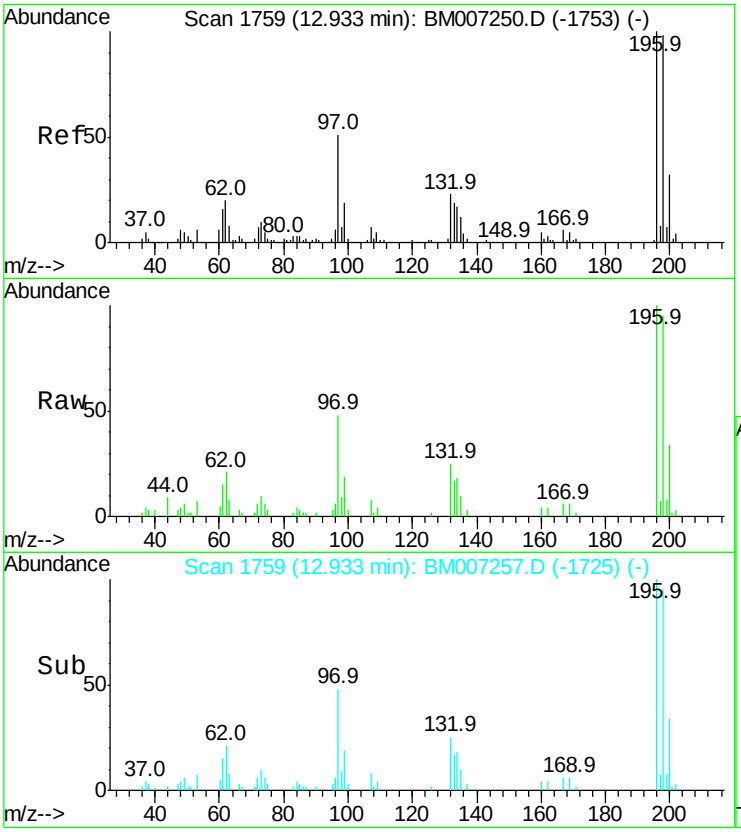


#38
2,4,6-Trichlorophenol
Concen: 2.33 ng/ul
RT: 12.86 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Tgt Ion:196 Resp: 28640

Ion	Ratio	Lower	Upper
196	100		
198	96.6	76.9	115.3
200	31.7	25.1	37.7



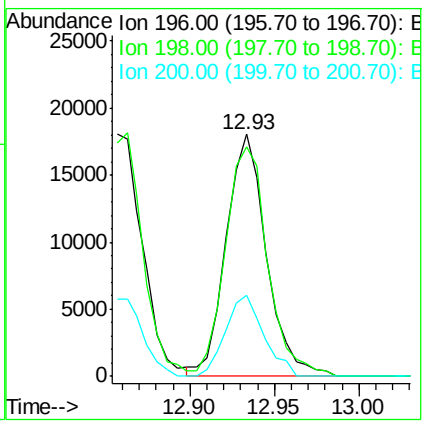


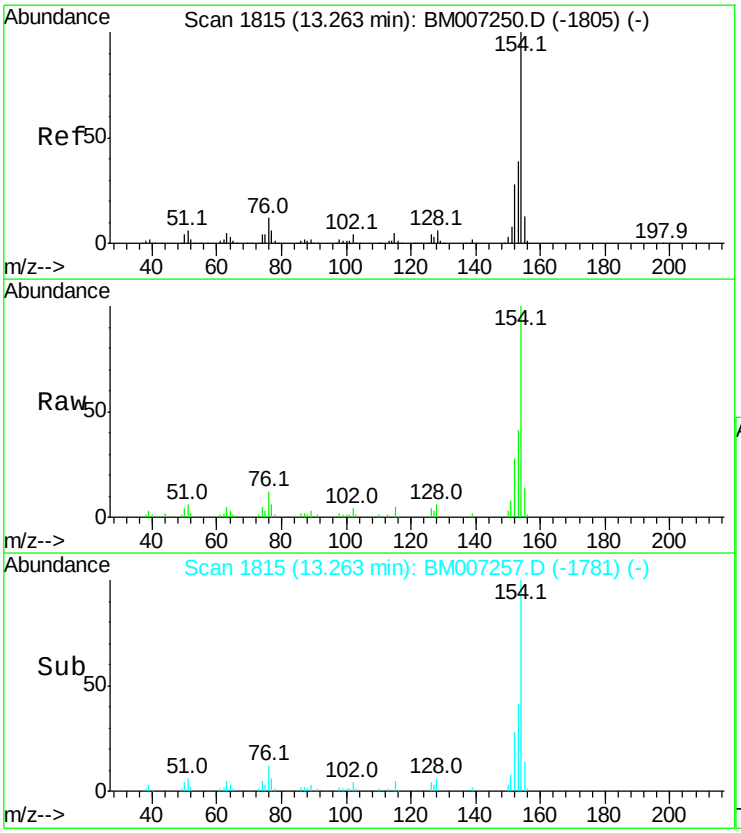
#39
2,4,5-Trichlorophenol
Concen: 2.34 ng/ul
RT: 12.93 min Scan# 1759
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:196 Resp: 30019

Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.8	115.2
200	33.7	27.0	40.4

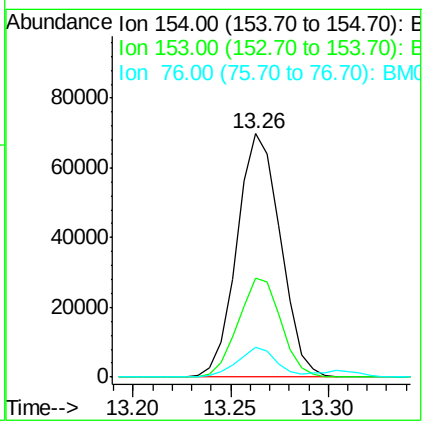


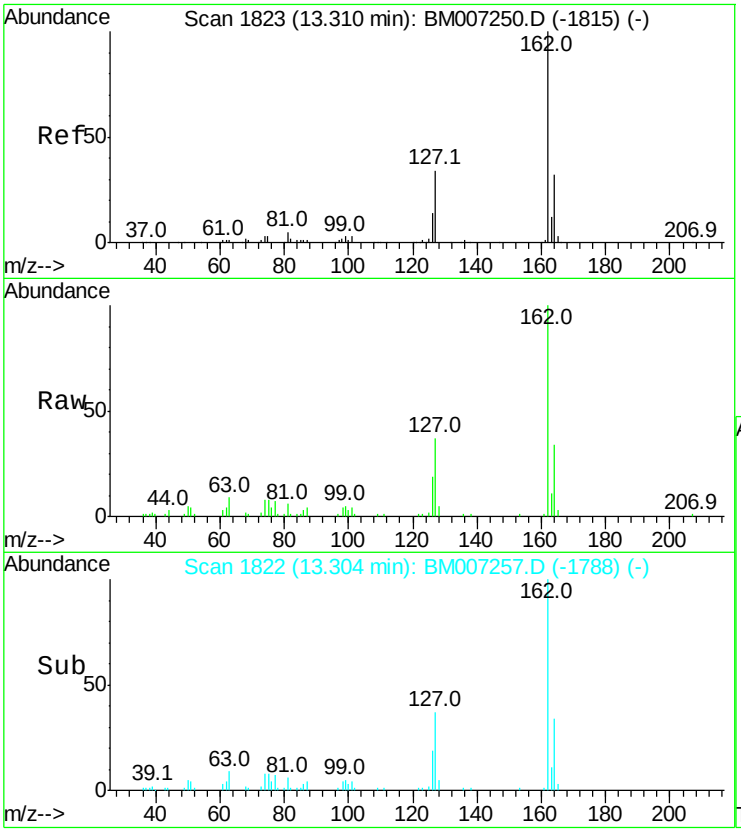


#40
1,1'-Biphenyl
Concen: 2.66 ng/ul
RT: 13.26 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Tgt Ion:154 Resp: 107978

Ion	Ratio	Lower	Upper
154	100		
153	40.8	31.3	46.9
76	12.2	10.0	15.0



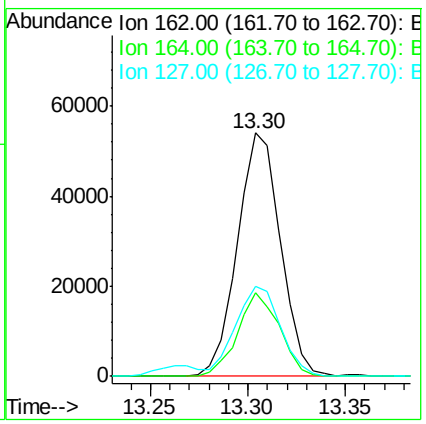


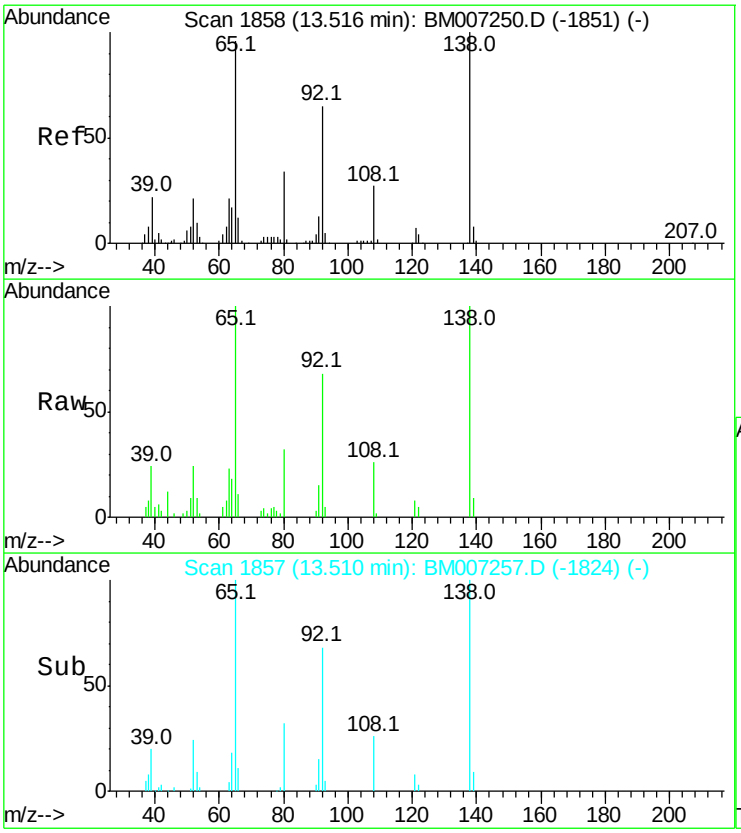
#41
2-Chloronaphthalene
Concen: 2.60 ng/ul
RT: 13.30 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:162 Resp: 82632

Ion	Ratio	Lower	Upper
162	100		
164	34.3	26.9	40.3
127	36.8	31.2	46.8

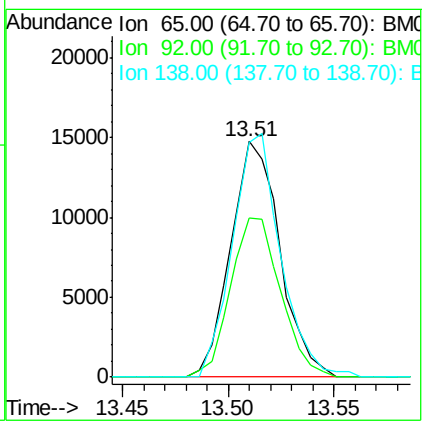


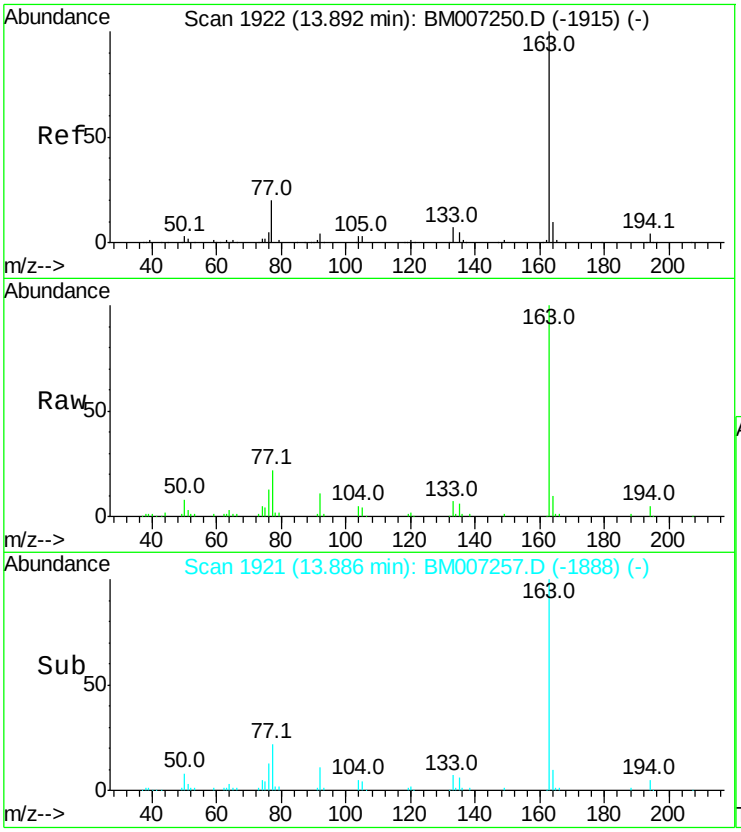


#42
2-Nitroaniline
Concen: 2.30 ng/ul
RT: 13.51 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Tgt Ion: 65 Resp: 23897

Ion	Ratio	Lower	Upper
65	100		
92	67.6	55.6	83.4
138	99.5	81.3	121.9



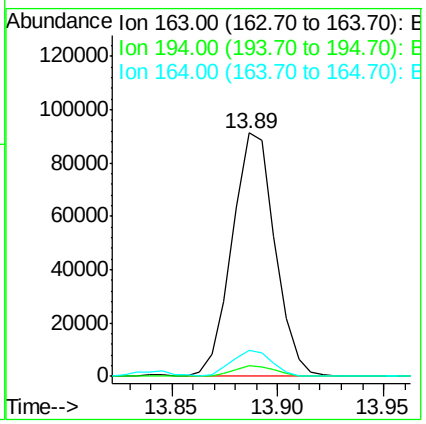


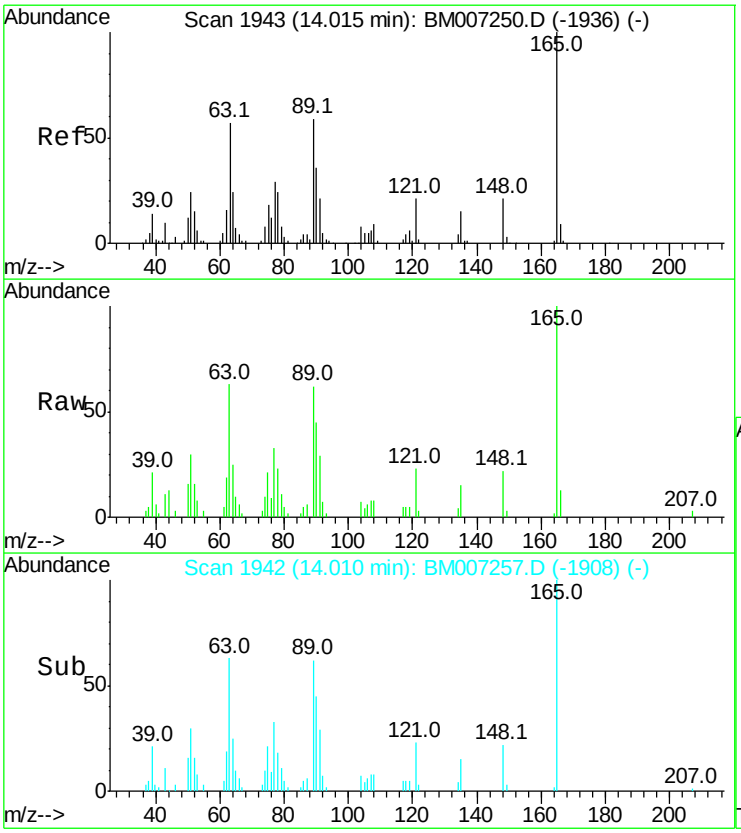
#44
Dimethylphthalate
Concen: 2.85 ng/ul
RT: 13.89 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:163 Resp: 128244

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.5	7.8	11.8

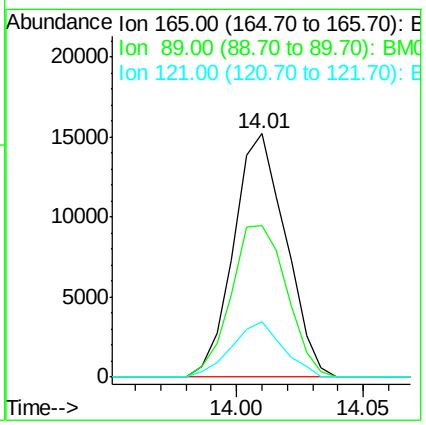


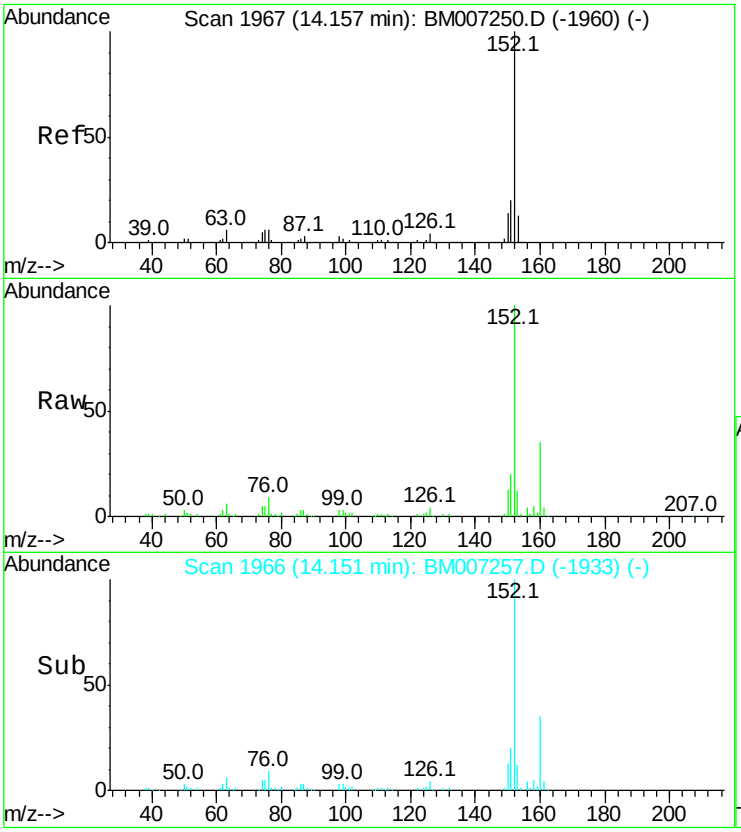


#45
2,6-Dinitrotoluene
Concen: 2.36 ng/ul
RT: 14.01 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Tgt Ion:165 Resp: 21688

Ion	Ratio	Lower	Upper
165	100		
89	62.3	46.6	69.8
121	23.0	16.0	24.0



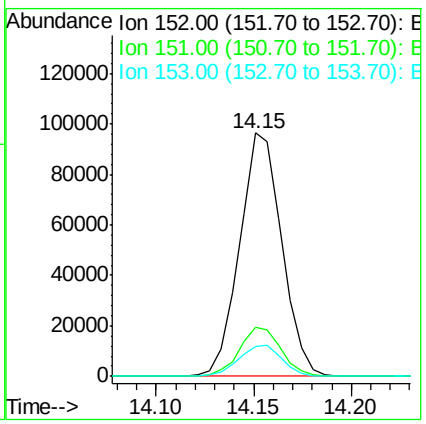


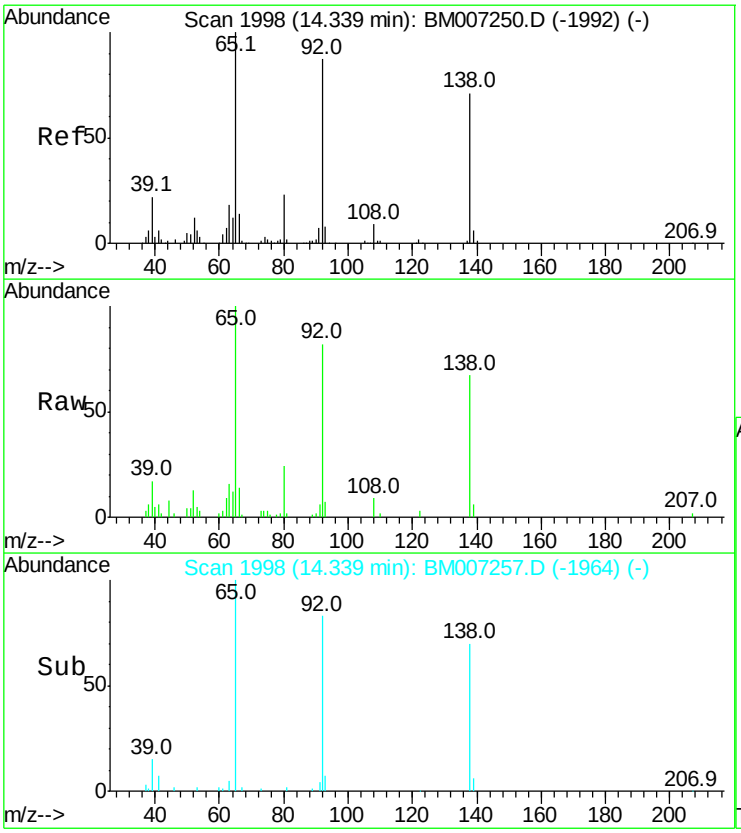
#47
Acenaphthylene
Concen: 2.68 ng/ul
RT: 14.15 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:152 Resp: 143978

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.0	24.0
153	12.4	11.0	16.6

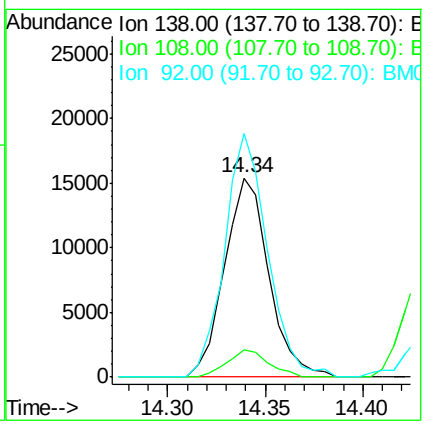


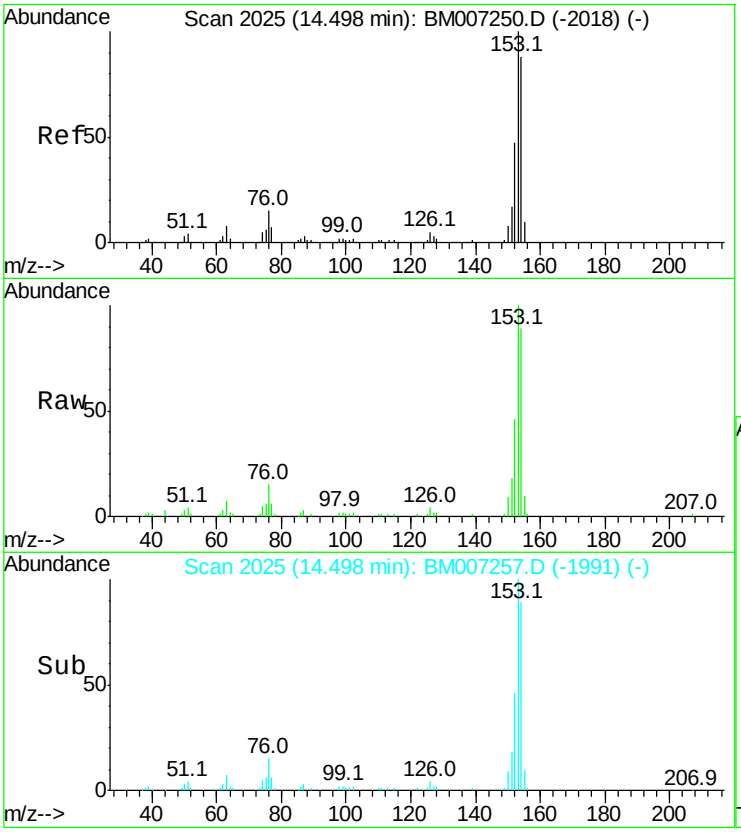


#48
3-Nitroaniline
Concen: 2.59 ng/ul
RT: 14.34 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Tgt Ion:138 Resp: 24283

Ion	Ratio	Lower	Upper
138	100		
108	14.0	9.4	14.0
92	122.4	96.6	145.0



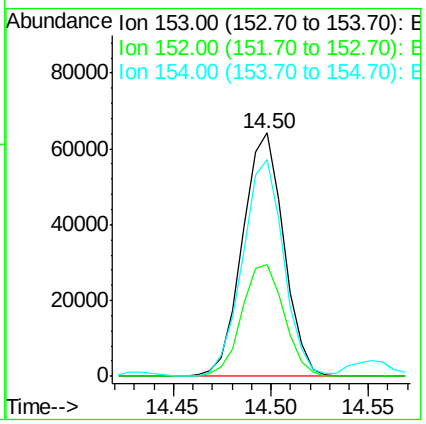


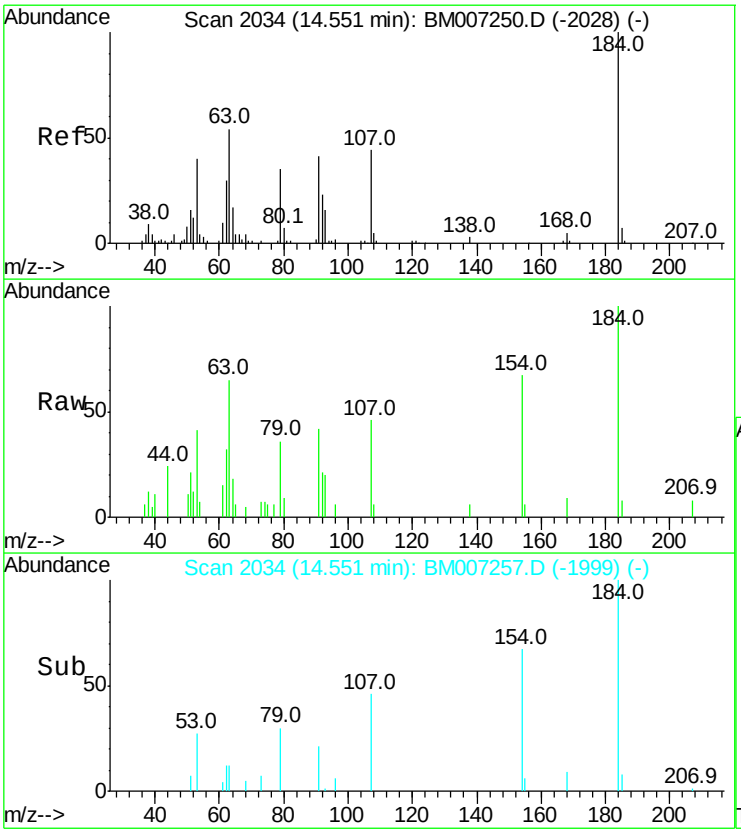
#49
Acenaphthene
Concen: 2.69 ng/ul
RT: 14.50 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:153 Resp: 94038

Ion	Ratio	Lower	Upper
153	100		
152	45.9	37.8	56.6
154	89.2	71.4	107.0

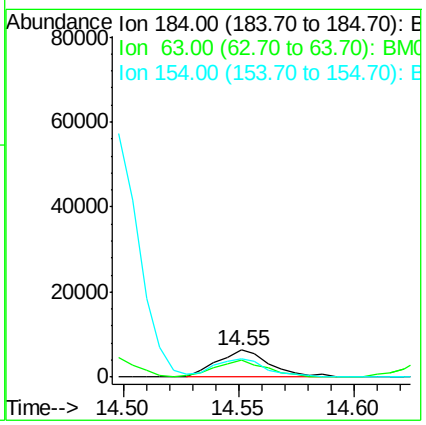


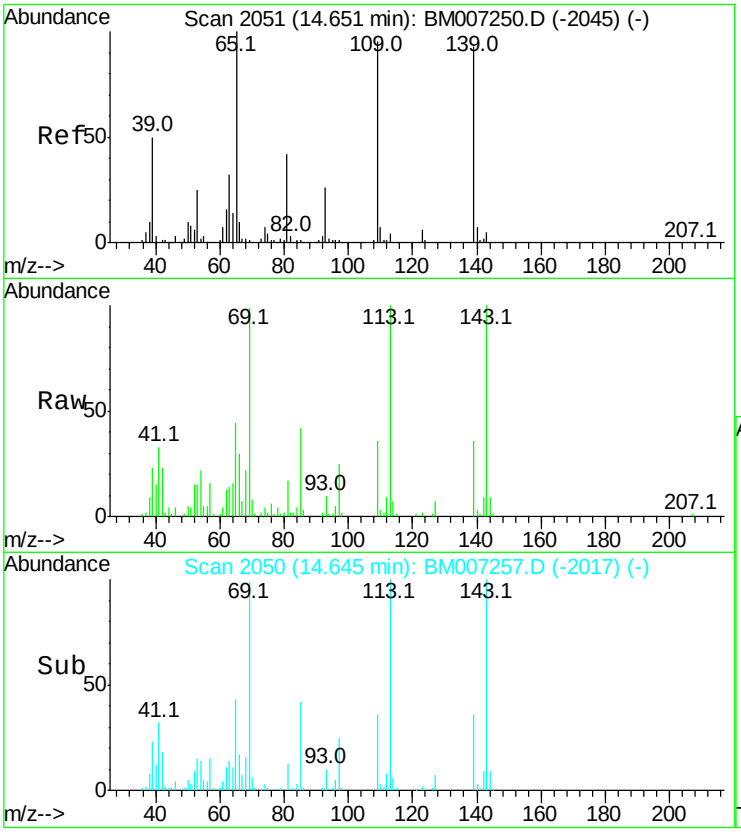


#50
2,4-Dinitrophenol
Concen: 1.61 ng/ul
RT: 14.55 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Tgt Ion:184 Resp: 10052

Ion	Ratio	Lower	Upper
184	100		
63	65.2	43.4	65.0#
154	66.5	48.2	72.4



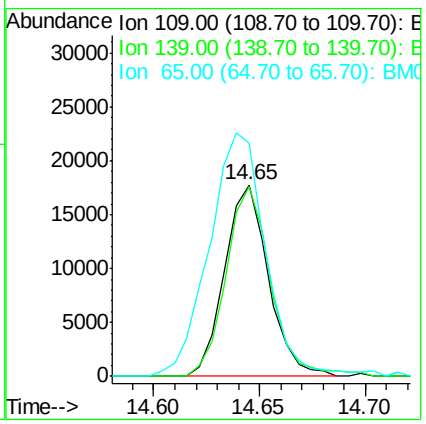


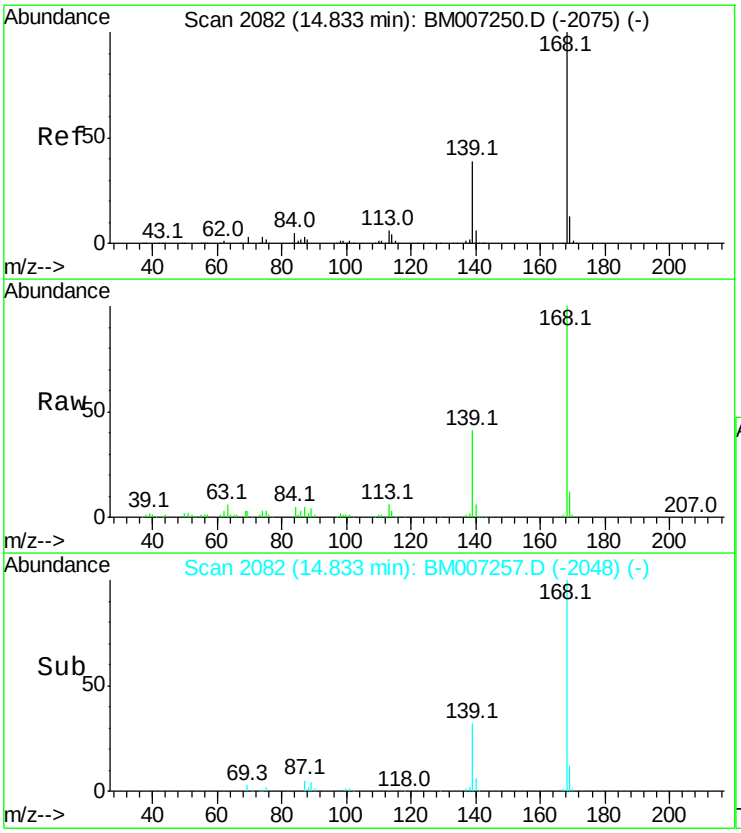
#52
4-Nitrophenol
Concen: 2.80 ng/ul
RT: 14.65 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:109 Resp: 25389

Ion	Ratio	Lower	Upper
109	100		
139	99.3	88.7	133.1
65	122.1	96.4	144.6

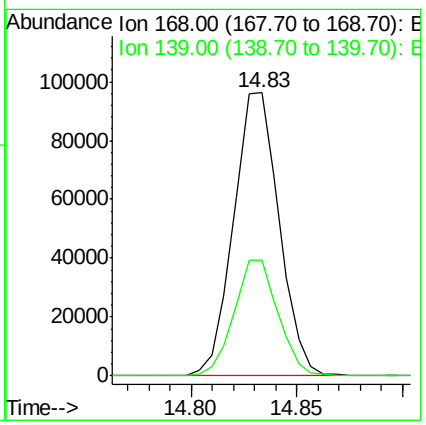


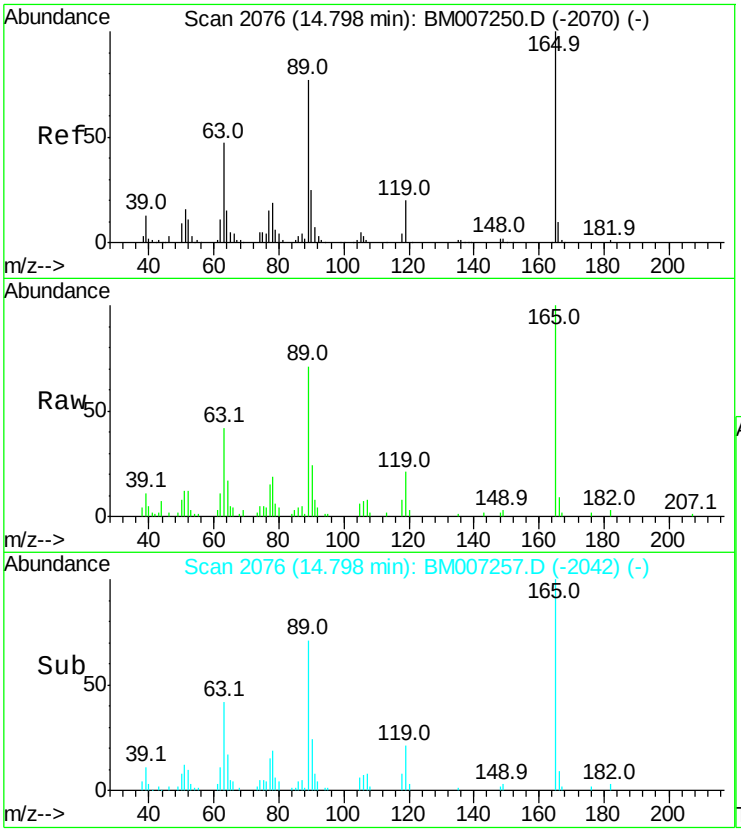


#53
Dibenzofuran
Concen: 2.75 ng/ul
RT: 14.83 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Tgt Ion:168 Resp: 144026

Ion	Ratio	Lower	Upper
168	100		
139	40.7	30.1	45.1



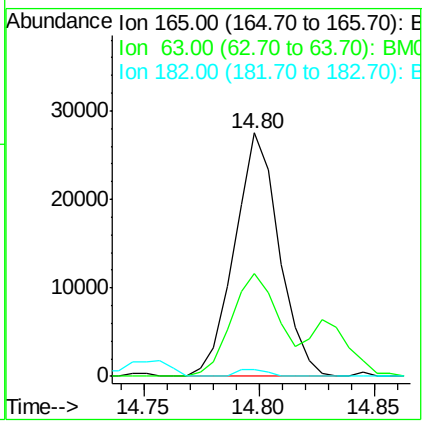


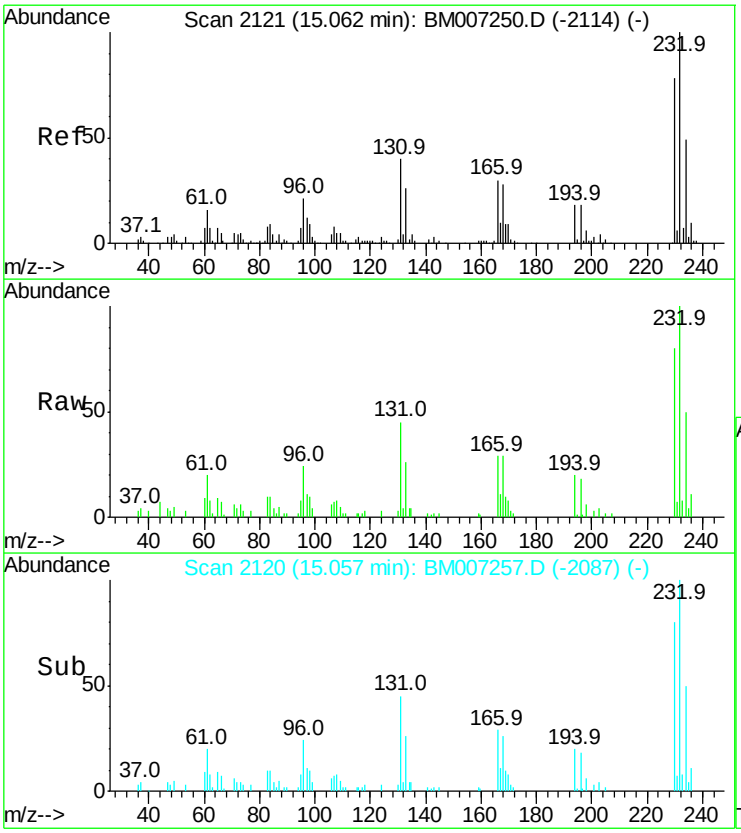
#54
2,4-Dinitrotoluene
Concen: 2.63 ng/ul
RT: 14.80 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:165 Resp: 36989

Ion	Ratio	Lower	Upper
165	100		
63	42.0	36.2	54.2
182	2.7	2.2	3.4

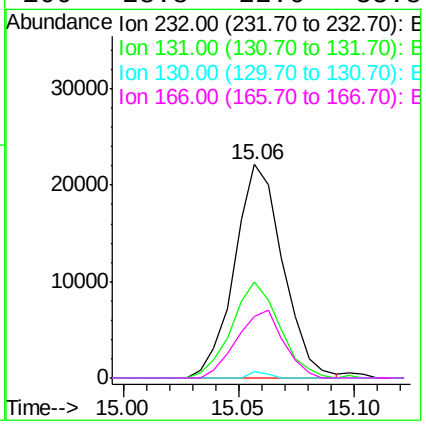


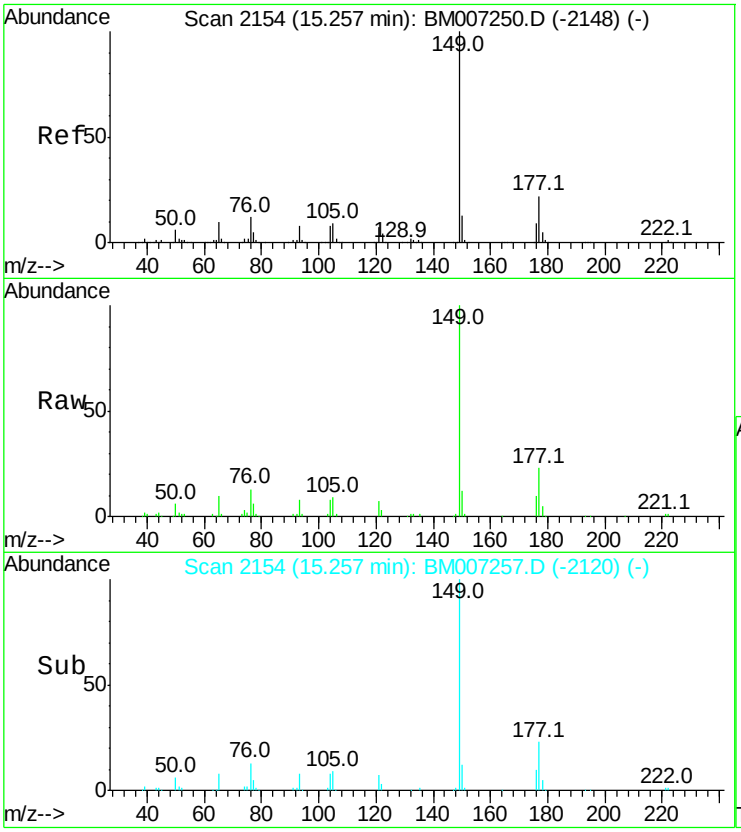


#55
2,3,4,6-Tetrachlorophenol
Concen: 2.46 ng/ul
RT: 15.06 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Tgt Ion:232 Resp: 32355

Ion	Ratio	Lower	Upper
232	100		
131	44.8	31.4	47.0
130	3.1	1.6	2.4#
166	28.8	22.6	33.8



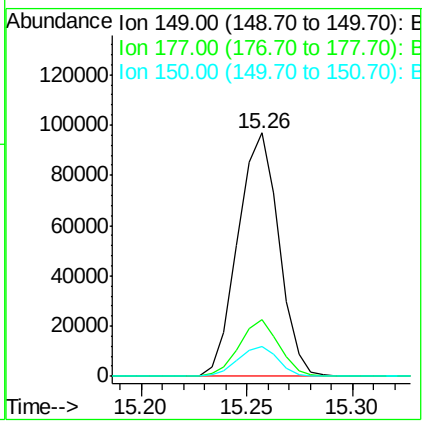


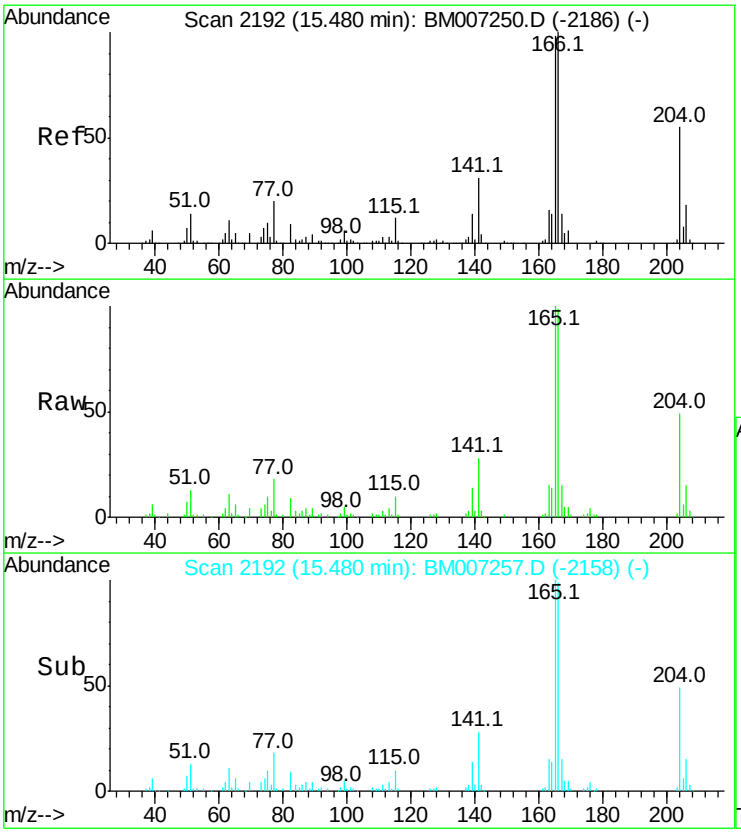
#56
Diethylphthalate
Concen: 2.78 ng/ul
RT: 15.26 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:149 Resp: 130476

Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.6	28.0
150	12.4	10.0	15.0

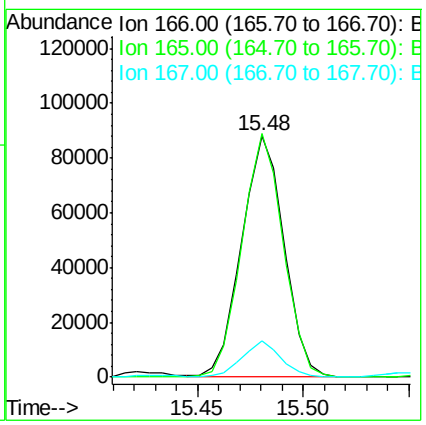


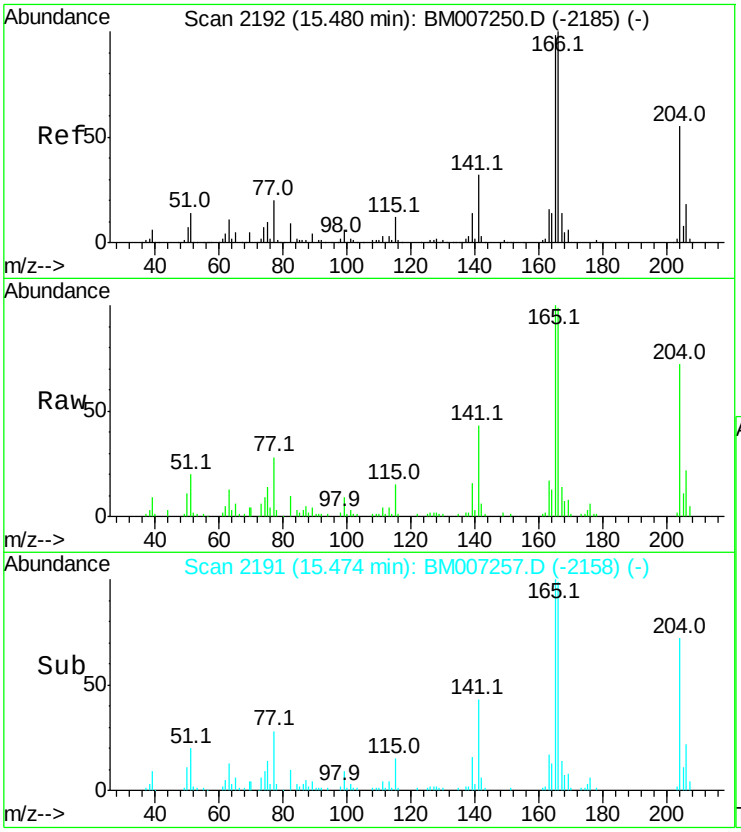


#58
Fluorene
Concen: 2.85 ng/ul
RT: 15.48 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Tgt Ion:166 Resp: 123003

Ion	Ratio	Lower	Upper
166	100		
165	101.0	79.9	119.9
167	14.9	10.5	15.7



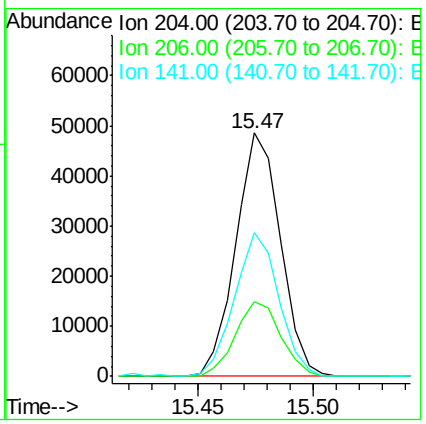


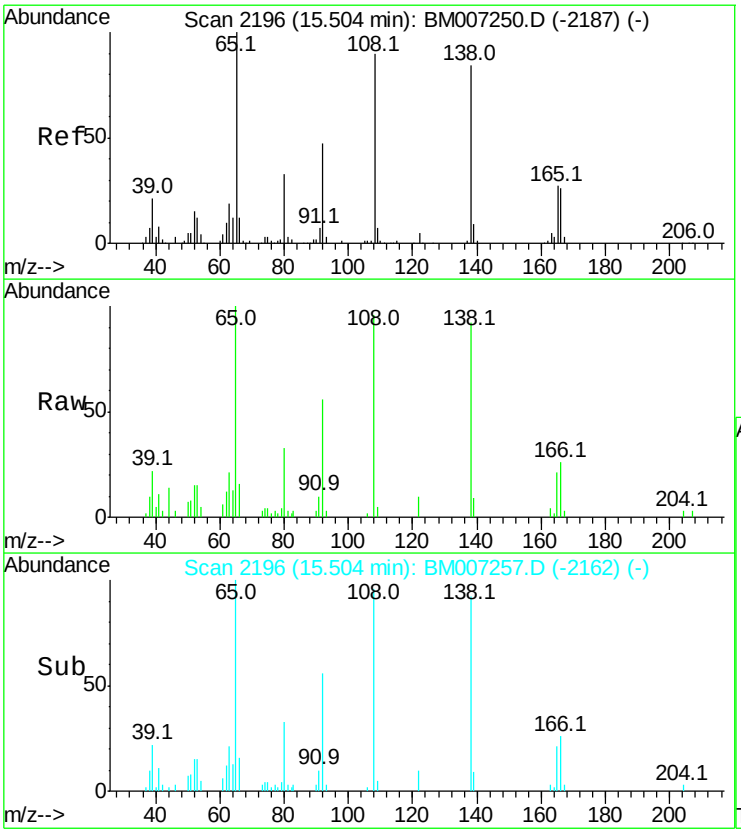
#59
4-Chlorophenyl-phenylether
Concen: 2.90 ng/ul
RT: 15.47 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:204 Resp: 65475

Ion	Ratio	Lower	Upper
204	100		
206	30.8	25.9	38.9
141	59.0	46.1	69.1

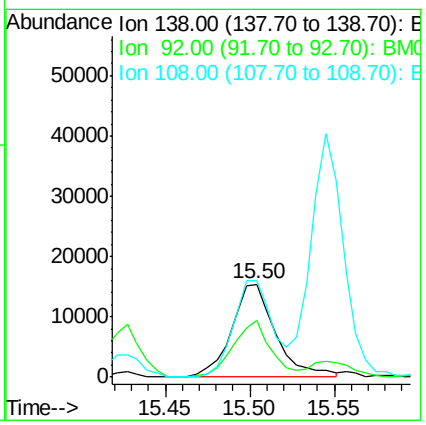


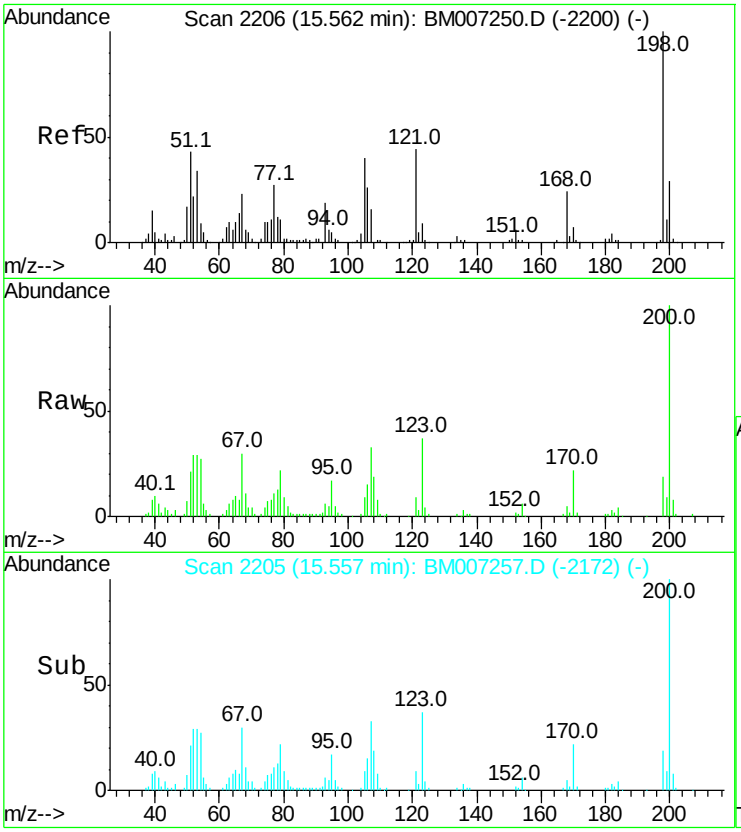


#60
4-Nitroaniline
Concen: 2.64 ng/ul
RT: 15.50 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Tgt Ion:138 Resp: 28064

Ion	Ratio	Lower	Upper
138	100		
92	61.0	43.5	65.3
108	104.4	80.3	120.5



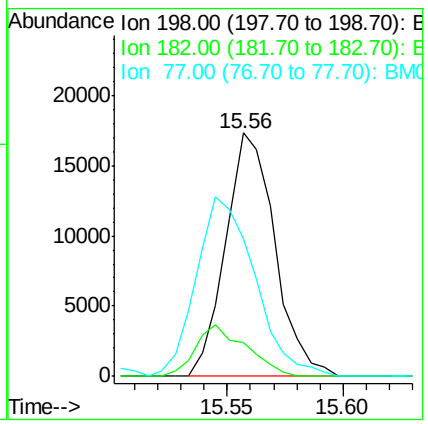


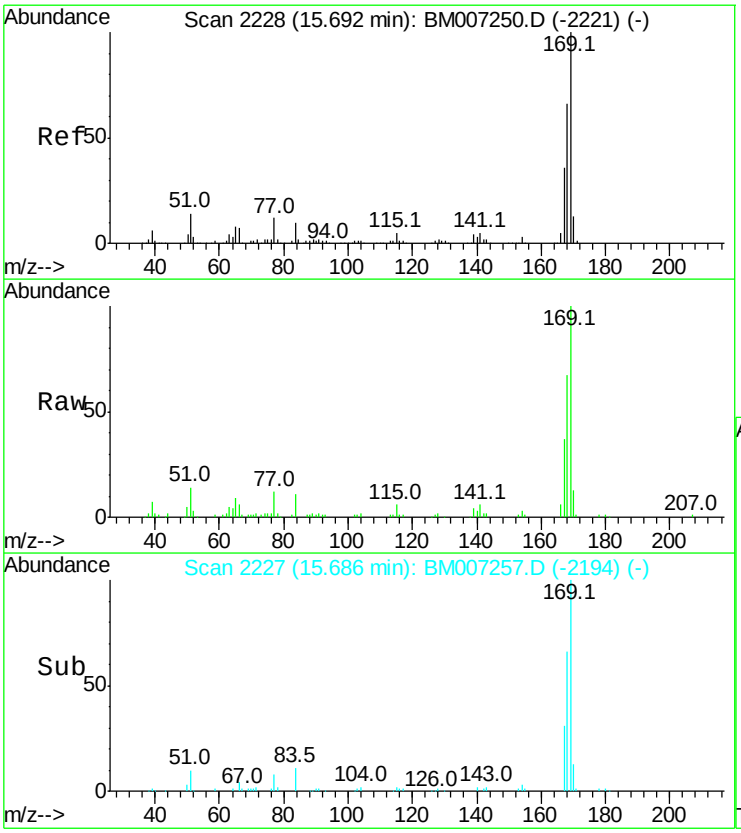
#63
4,6-Dinitro-2-methylphenol
Concen: 2.65 ng/ul
RT: 15.56 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:198 Resp: 25724

Ion	Ratio	Lower	Upper
198	100		
182	13.6	3.3	4.9#
77	56.4	21.8	32.6#

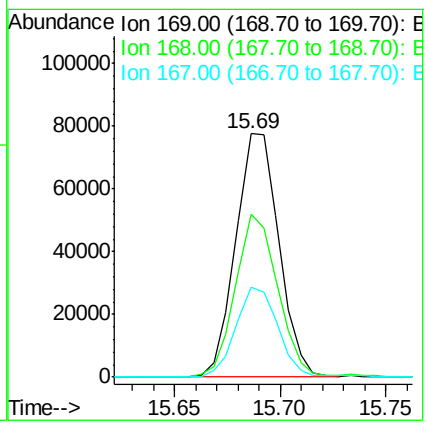


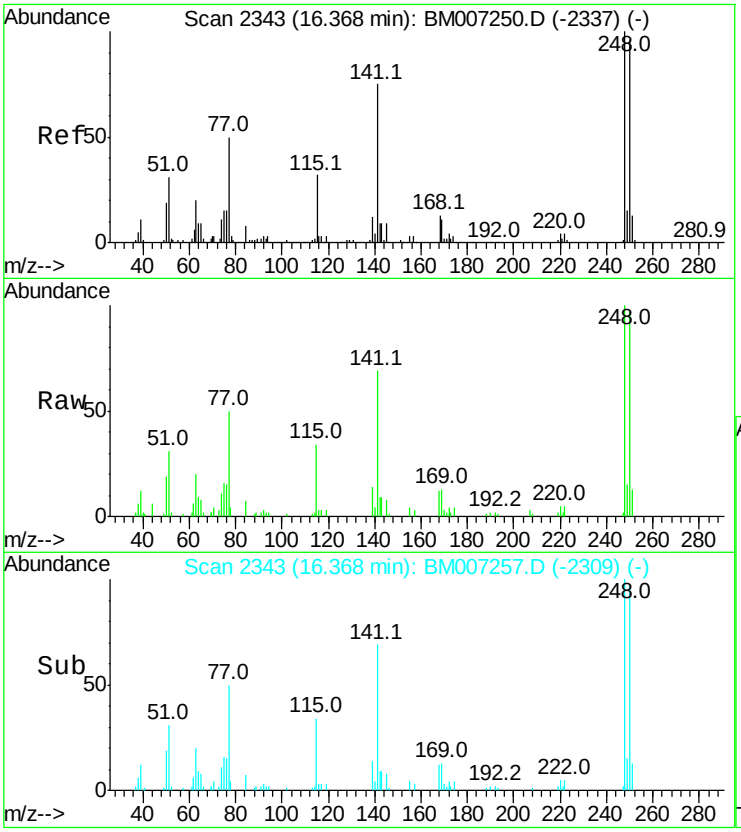


#64
N-Nitrosodiphenylamine
Concen: 2.73 ng/ul
RT: 15.69 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Tgt Ion:169 Resp: 110264

Ion	Ratio	Lower	Upper
169	100		
168	67.0	52.6	79.0
167	37.1	28.6	43.0



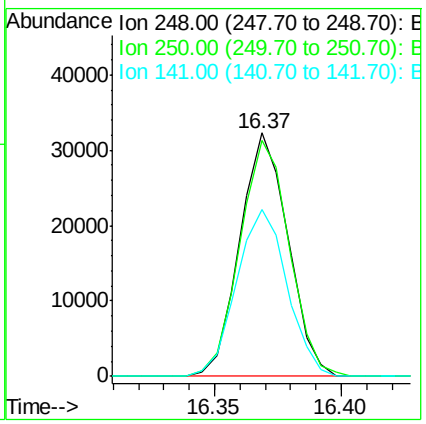


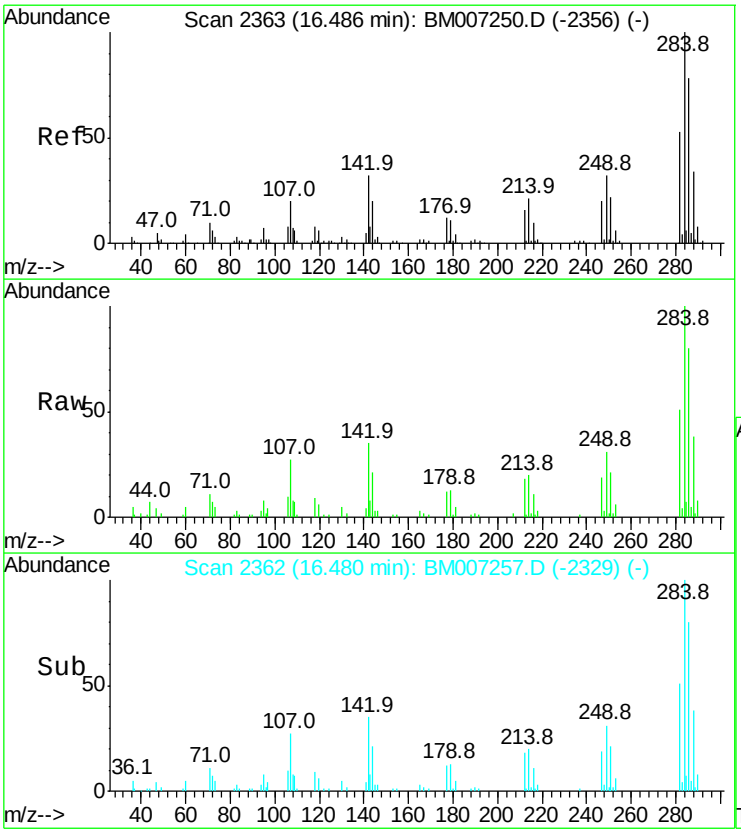
#65
4-Bromophenyl-phenylether
Concen: 2.61 ng/ul
RT: 16.37 min Scan# 2343
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:248 Resp: 42537

Ion	Ratio	Lower	Upper
248	100		
250	96.8	79.7	119.5
141	68.6	58.3	87.5

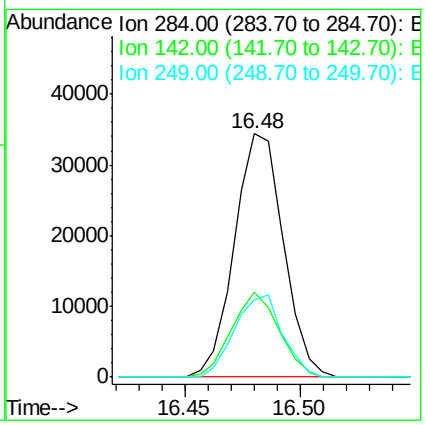


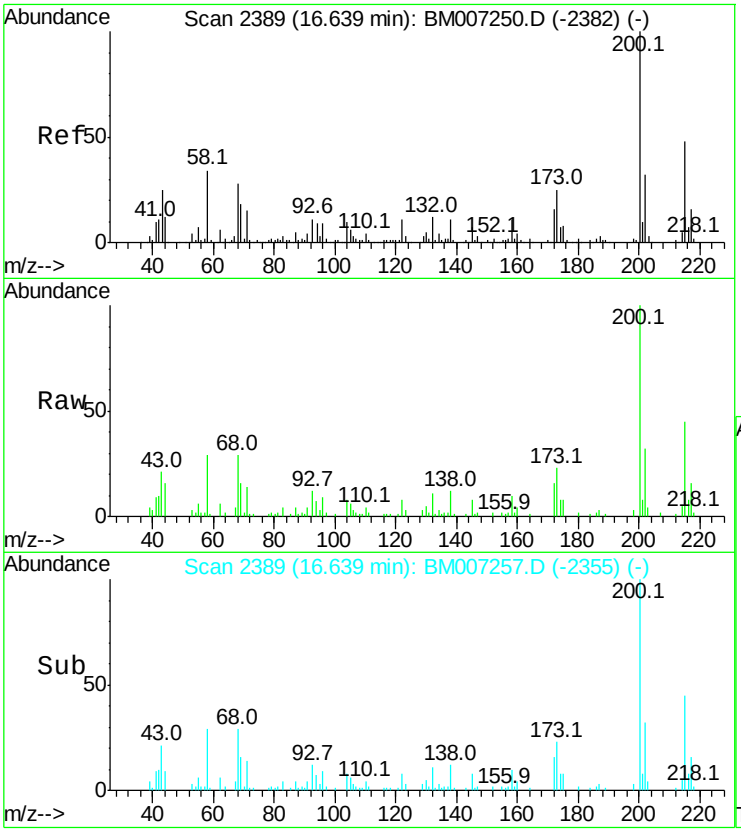


#66
Hexachlorobenzene
Concen: 2.78 ng/ul
RT: 16.48 min Scan# 2362
Delta R.T. -0.01 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Tgt Ion:284 Resp: 50883

Ion	Ratio	Lower	Upper
284	100		
142	35.0	24.9	37.3
249	31.5	25.5	38.3



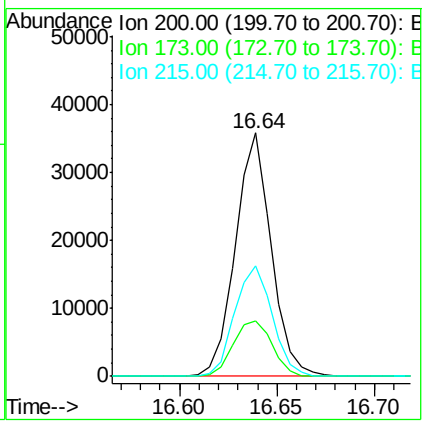


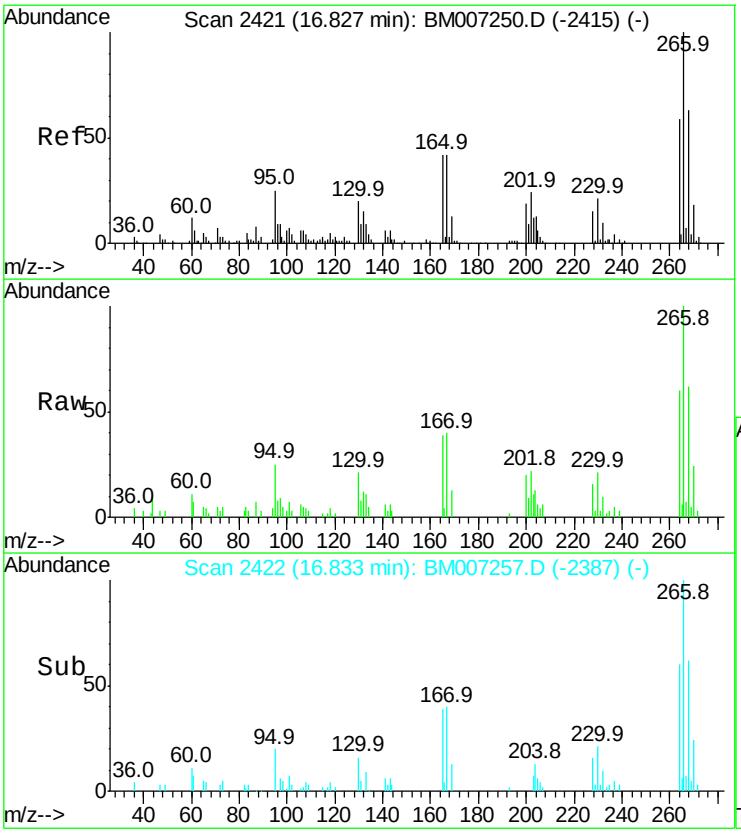
#67
Atrazine
Concen: 2.68 ng/ul
RT: 16.64 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:200 Resp: 45680

Ion	Ratio	Lower	Upper
200	100		
173	22.9	18.9	28.3
215	45.3	39.5	59.3

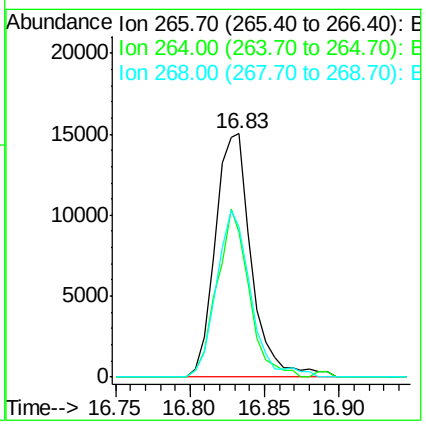


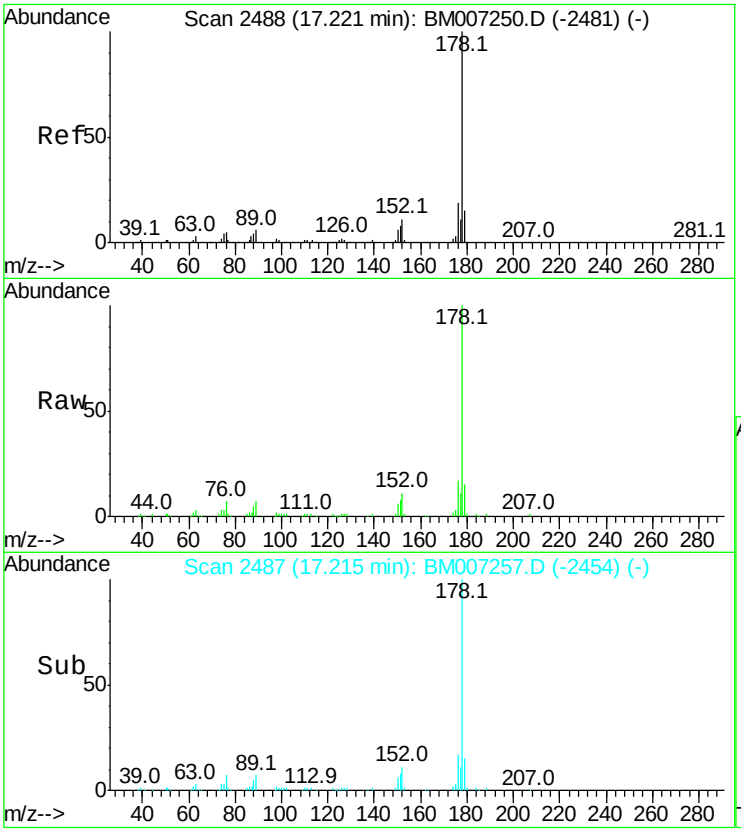


#68
Pentachlorophenol
Concen: 2.17 ng/ul
RT: 16.83 min Scan# 2422
Delta R.T. 0.01 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Tgt Ion:266 Resp: 25619

Ion	Ratio	Lower	Upper
266	100		
264	59.8	50.6	75.8
268	61.8	51.0	76.6



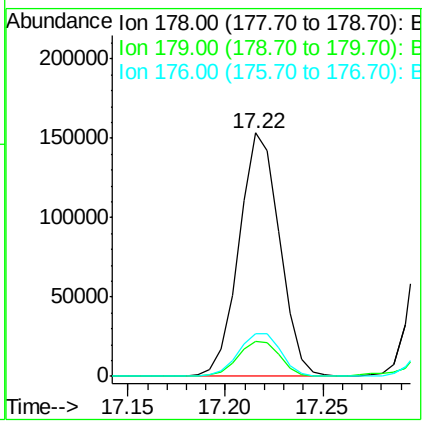


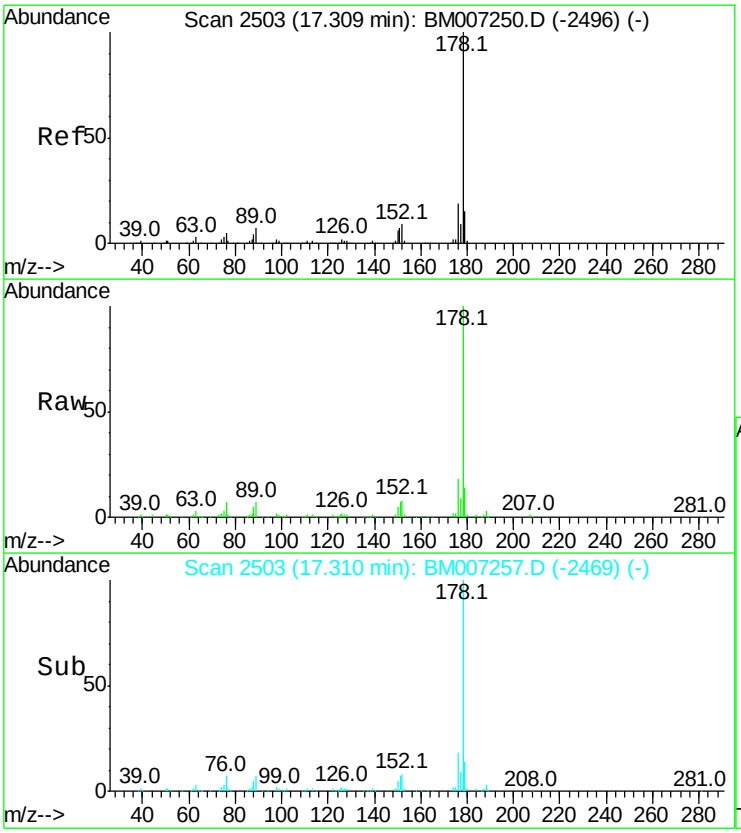
#69
Phenanthrene
Concen: 2.84 ng/ul
RT: 17.22 min Scan# 2487
Delta R.T. -0.01 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:178 Resp: 220227

Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.2	18.2
176	17.3	15.1	22.7

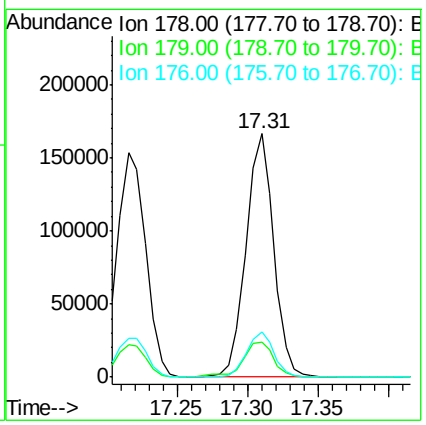


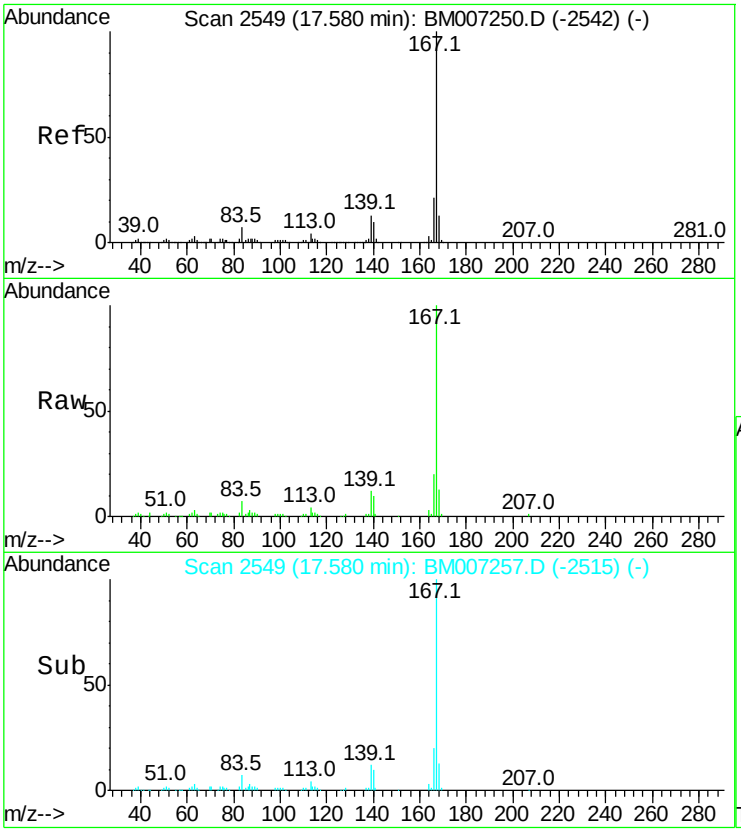


#71
Anthracene
Concen: 2.87 ng/ul
RT: 17.31 min Scan# 2503
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Tgt Ion:178 Resp: 230169

Ion	Ratio	Lower	Upper
178	100		
179	14.2	12.1	18.1
176	18.5	14.5	21.7



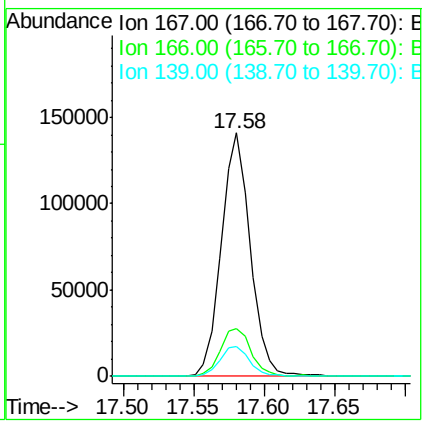


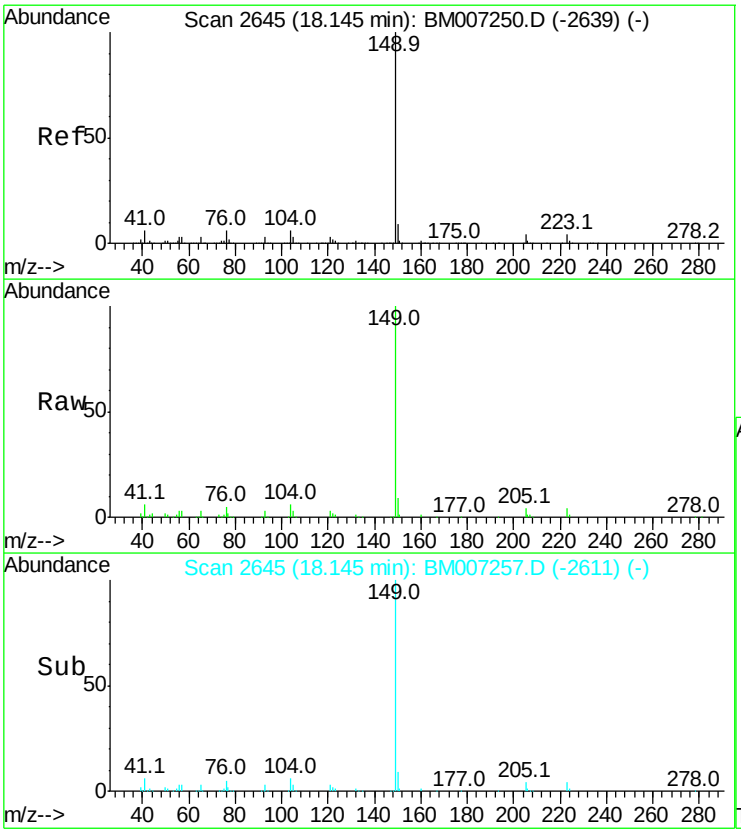
#72
Carbazole
Concen: 2.89 ng/ul
RT: 17.58 min Scan# 2549
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:167 Resp: 201411

Ion	Ratio	Lower	Upper
167	100		
166	19.8	16.6	25.0
139	12.3	10.2	15.4

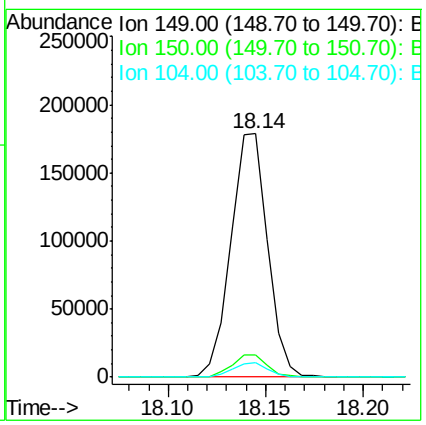


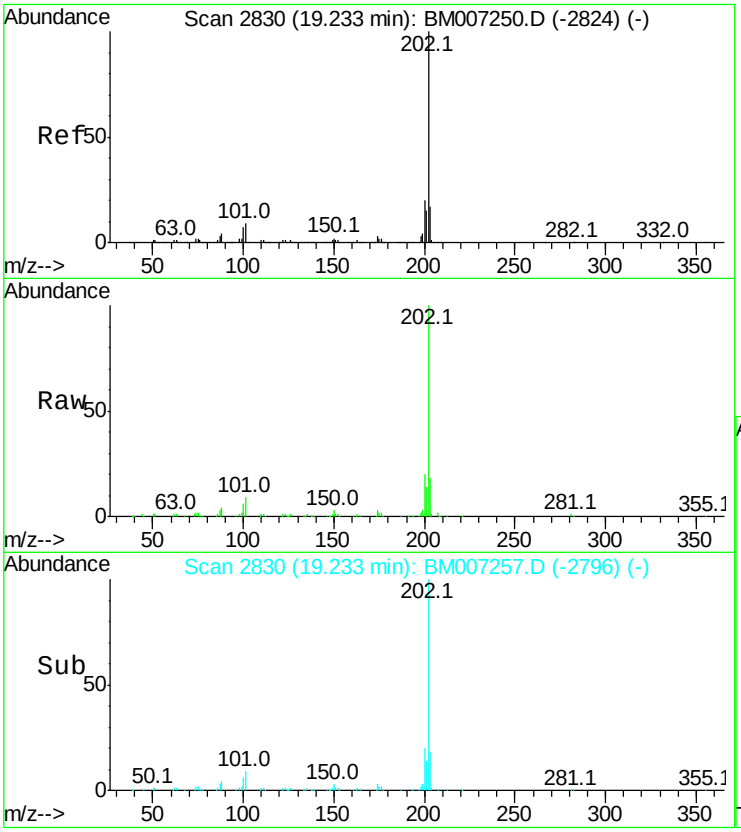


#73
Di-n-butylphthalate
Concen: 2.67 ng/ul
RT: 18.14 min Scan# 2645
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Tgt Ion:149 Resp: 233891

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.6	11.4
104	5.9	4.6	7.0



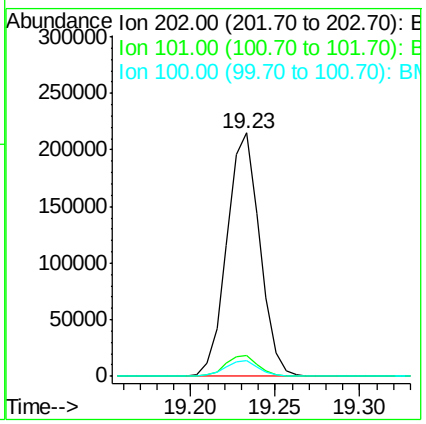


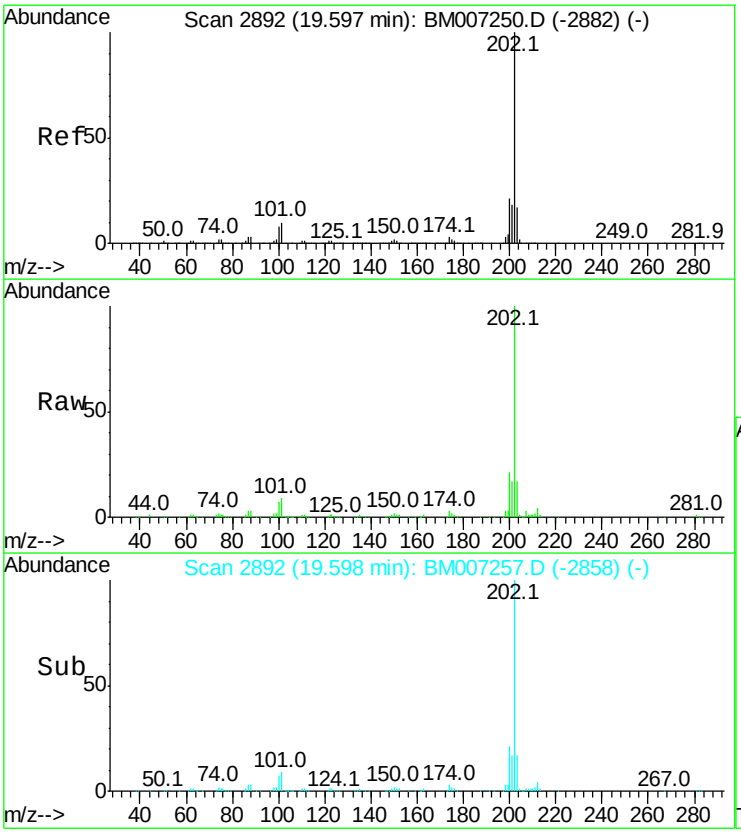
#74
Fluoranthene
Concen: 2.99 ng/ul
RT: 19.23 min Scan# 2830
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:202 Resp: 291626

Ion	Ratio	Lower	Upper
202	100		
101	8.6	6.9	10.3
100	6.4	5.4	8.0

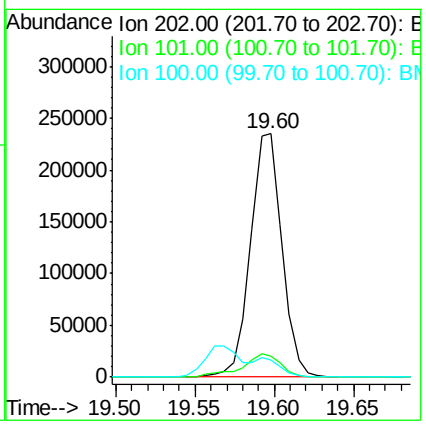


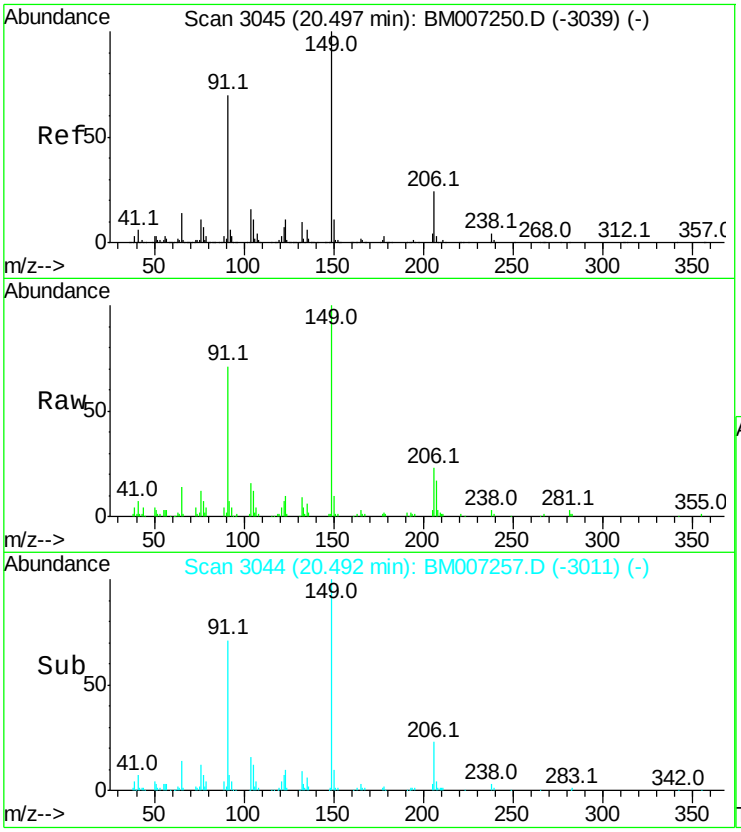


#77
Pyrene
Concen: 2.77 ng/ul
RT: 19.60 min Scan# 2892
Delta R.T. 0.00 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Tgt Ion:202 Resp: 325059

Ion	Ratio	Lower	Upper
202	100		
101	8.7	8.4	12.6
100	7.3	6.9	10.3



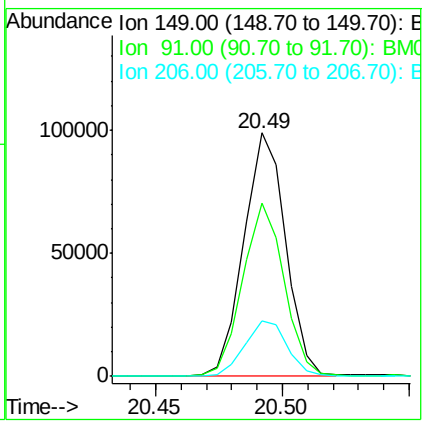


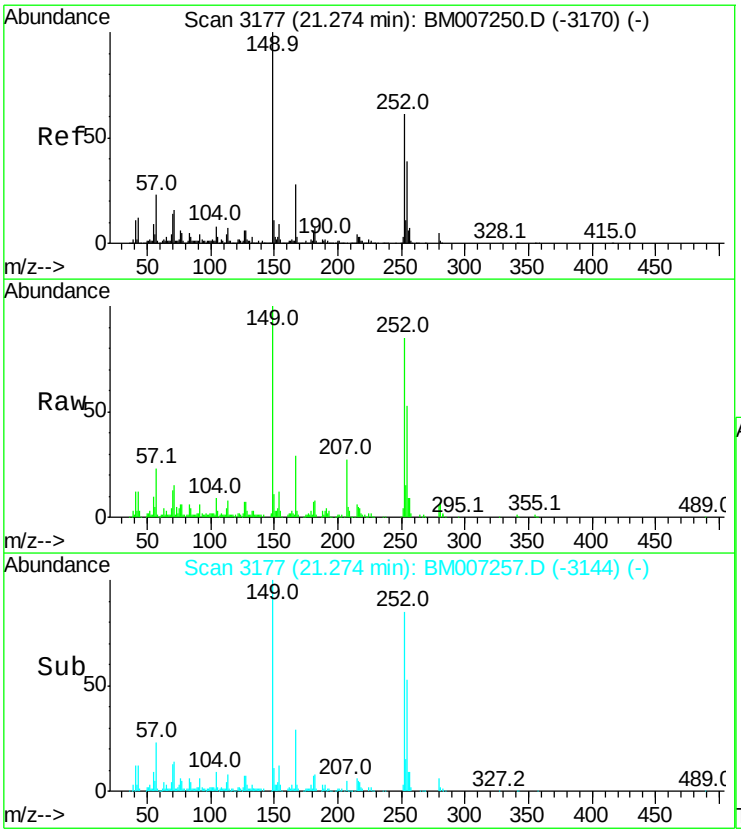
#78
Butylbenzylphthalate
Concen: 2.33 ng/ul
RT: 20.49 min Scan# 3044
Delta R.T. -0.01 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:149 Resp: 113783

Ion	Ratio	Lower	Upper
149	100		
91	71.3	57.3	85.9
206	22.8	18.6	27.8

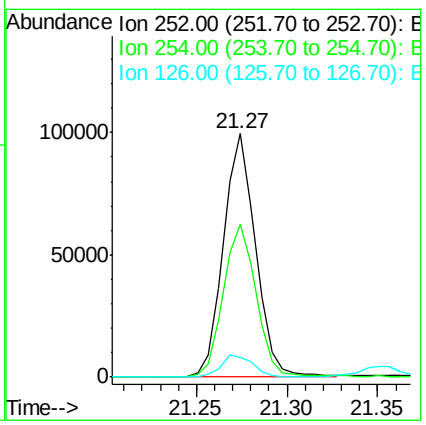


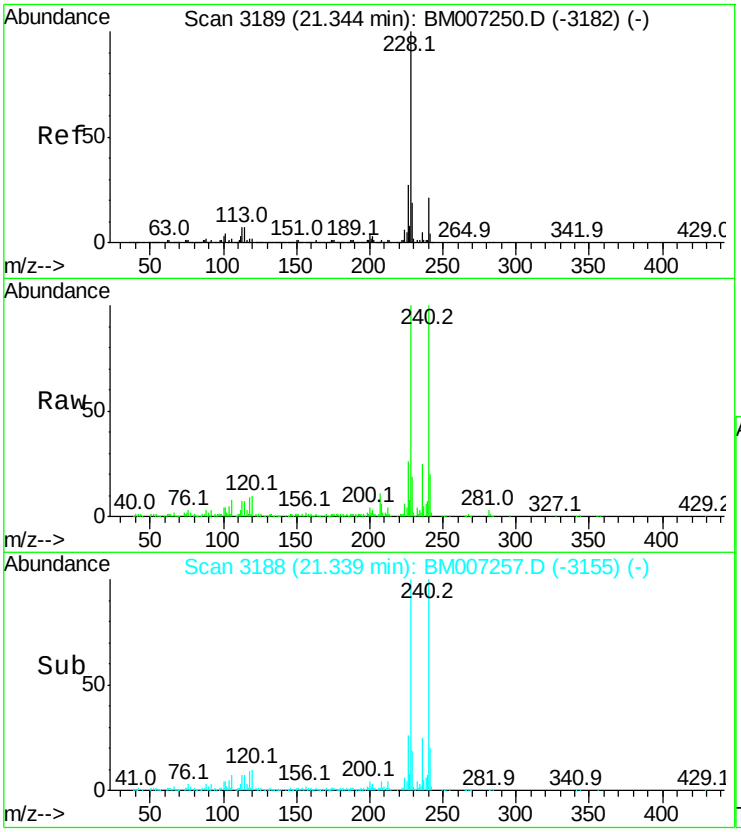


#79
3,3'-Dichlorobenzidine
Concen: 2.84 ng/ul
RT: 21.27 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Tgt Ion:252 Resp: 123362

Ion	Ratio	Lower	Upper
252	100		
254	62.7	51.0	76.4
126	7.9	7.1	10.7



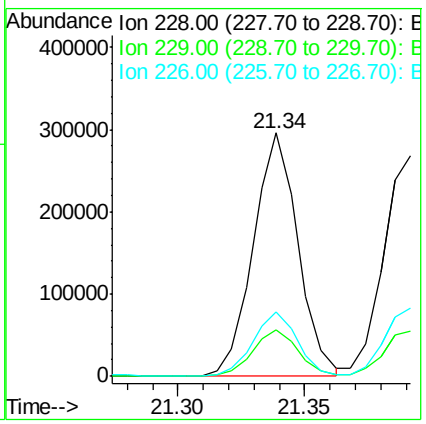


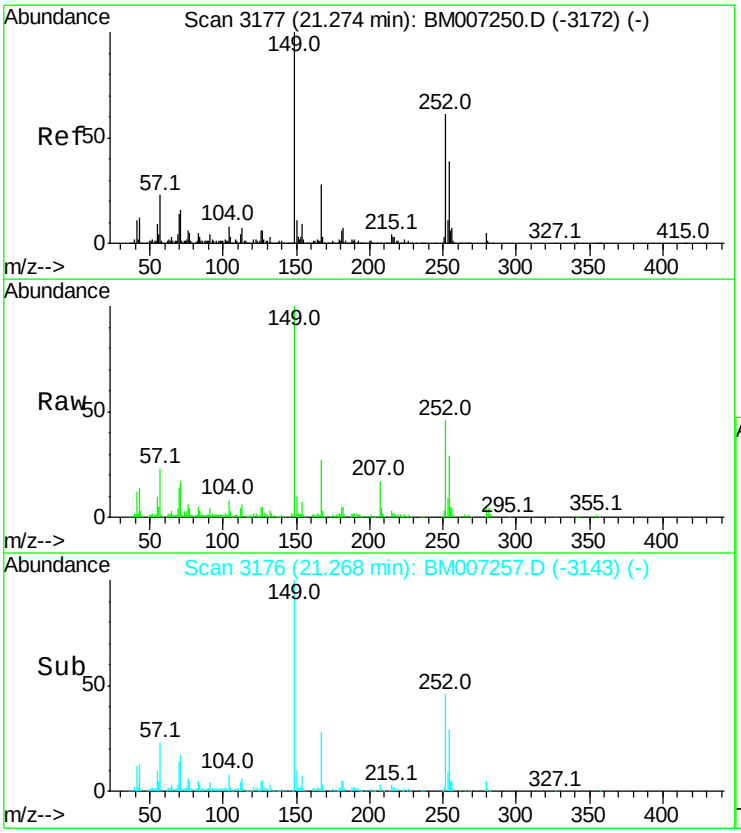
#80
Benzo(a)anthracene
Concen: 2.82 ng/ul
RT: 21.34 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:228 Resp: 364677

Ion	Ratio	Lower	Upper
228	100		
229	19.0	15.6	23.4
226	26.5	21.8	32.8

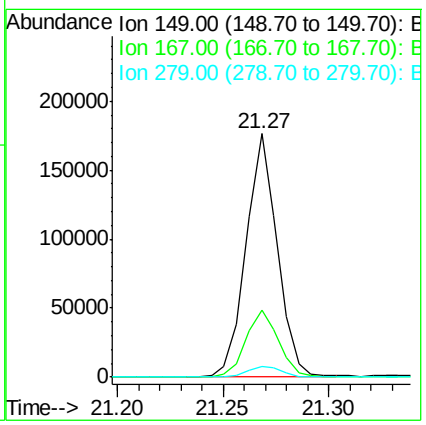


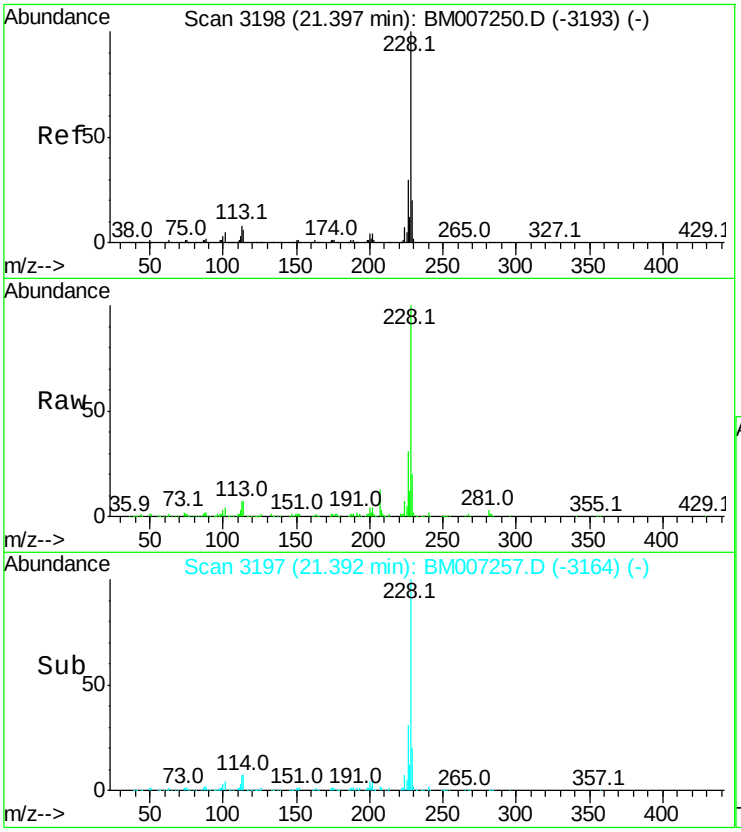


#81
Bis(2-ethylhexyl)phthalate
Concen: 2.56 ng/ul
RT: 21.27 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Tgt Ion:149 Resp: 181550

Ion	Ratio	Lower	Upper
149	100		
167	27.5	23.2	34.8
279	4.6	4.1	6.1



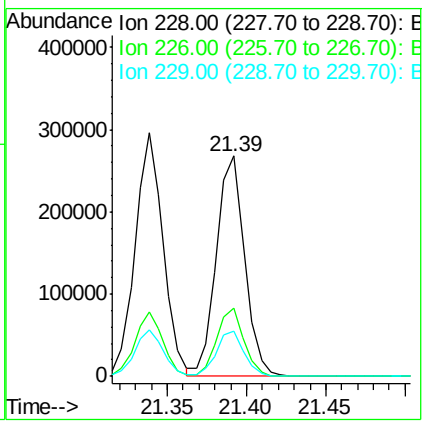


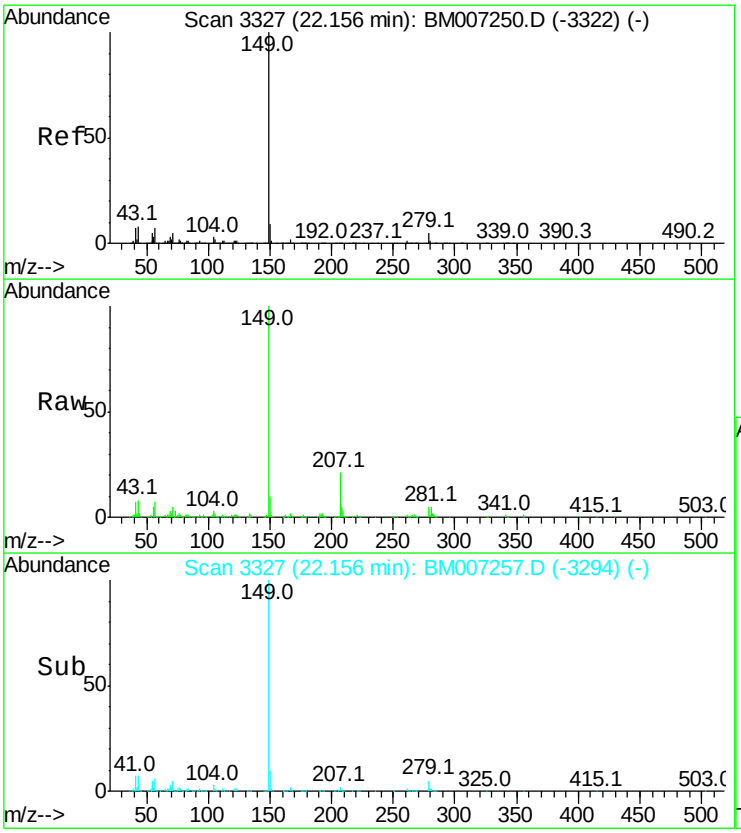
#82
Chrysene
Concen: 2.84 ng/ul
RT: 21.39 min Scan# 3197
Delta R.T. -0.01 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:228 Resp: 332381

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.4	35.2
229	20.3	15.5	23.3

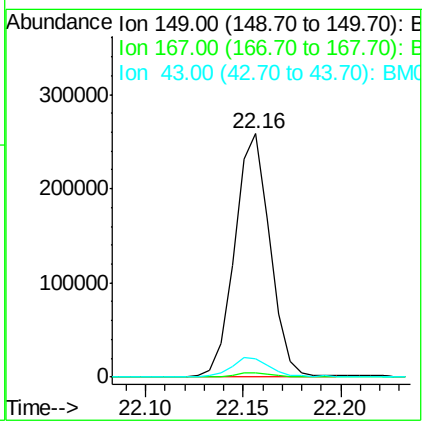


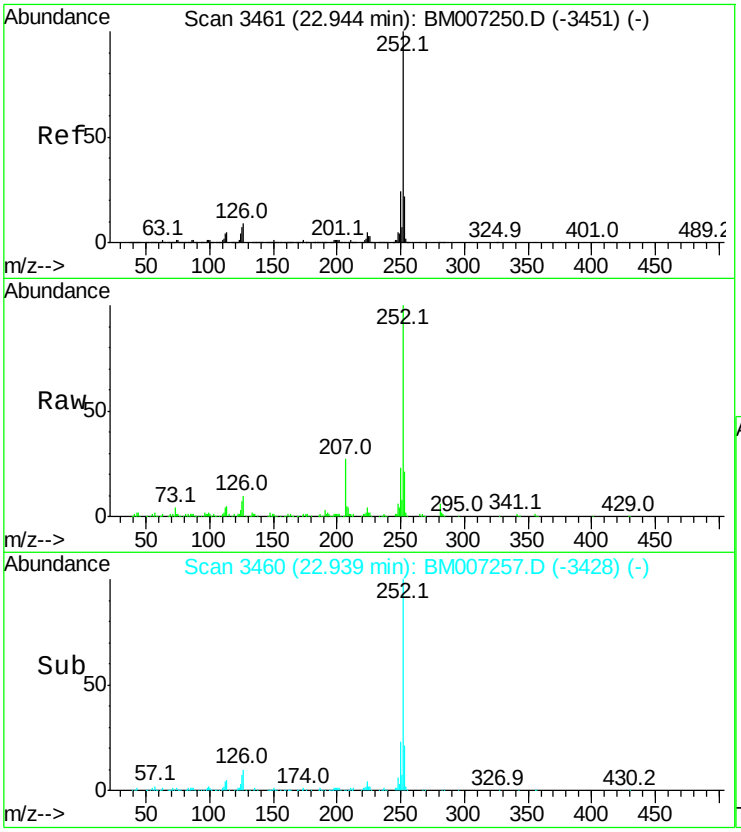


#84
Di-n-octyl phthalate
Concen: 2.59 ng/ul
RT: 22.16 min Scan# 3327
Delta R.T. -0.01 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Tgt Ion:149 Resp: 319934

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	7.7	6.6	10.0



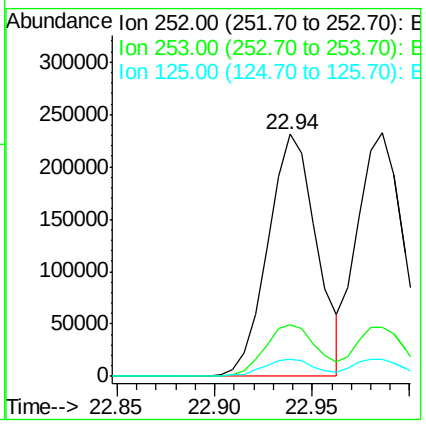


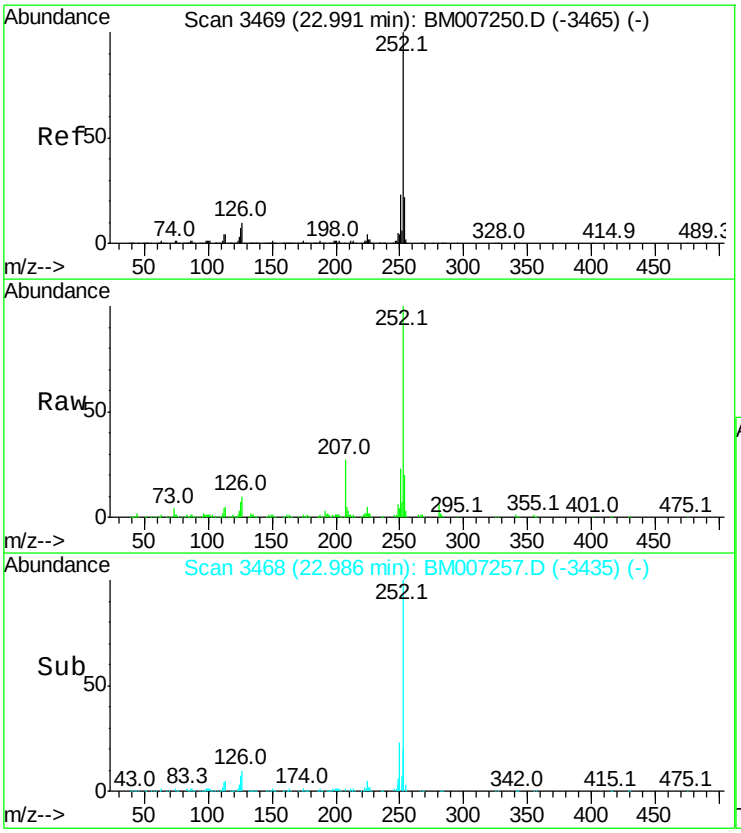
#85
Benzo(b)fluoranthene
Concen: 2.73 ng/ul
RT: 22.94 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:252 Resp: 401011

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.1	25.7
125	7.3	5.8	8.8

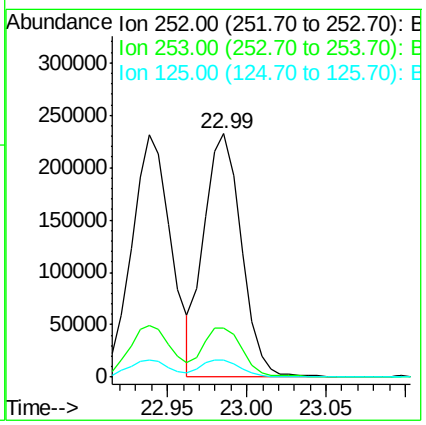


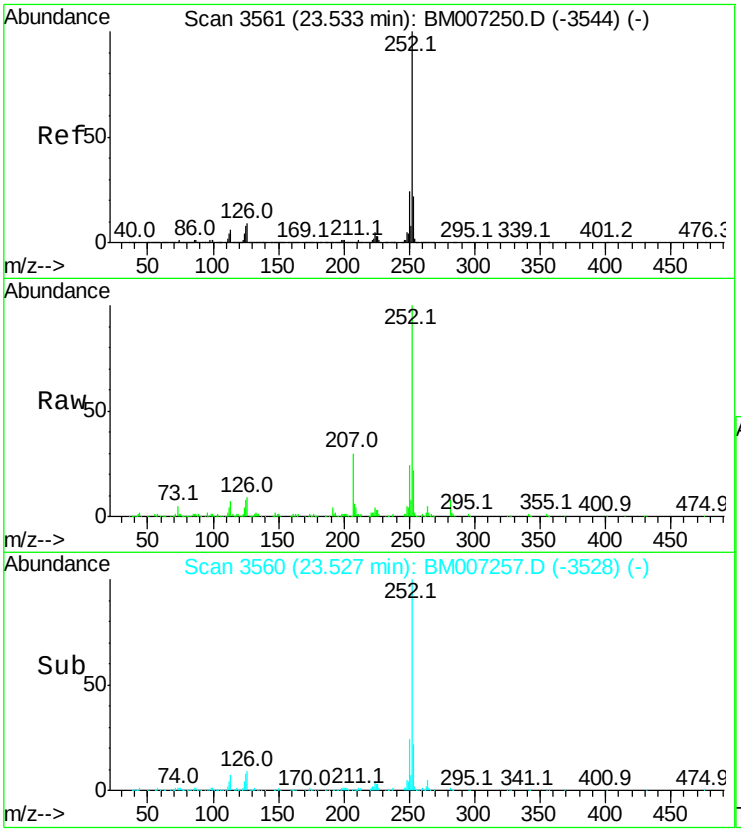


#86
Benzo(k)fluoranthene
Concen: 2.81 ng/ul
RT: 22.99 min Scan# 3468
Delta R.T. -0.01 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Tgt Ion:252 Resp: 381466

Ion	Ratio	Lower	Upper
252	100		
253	20.2	17.6	26.4
125	7.1	5.7	8.5



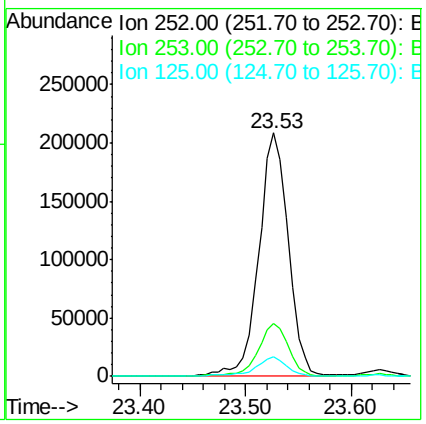


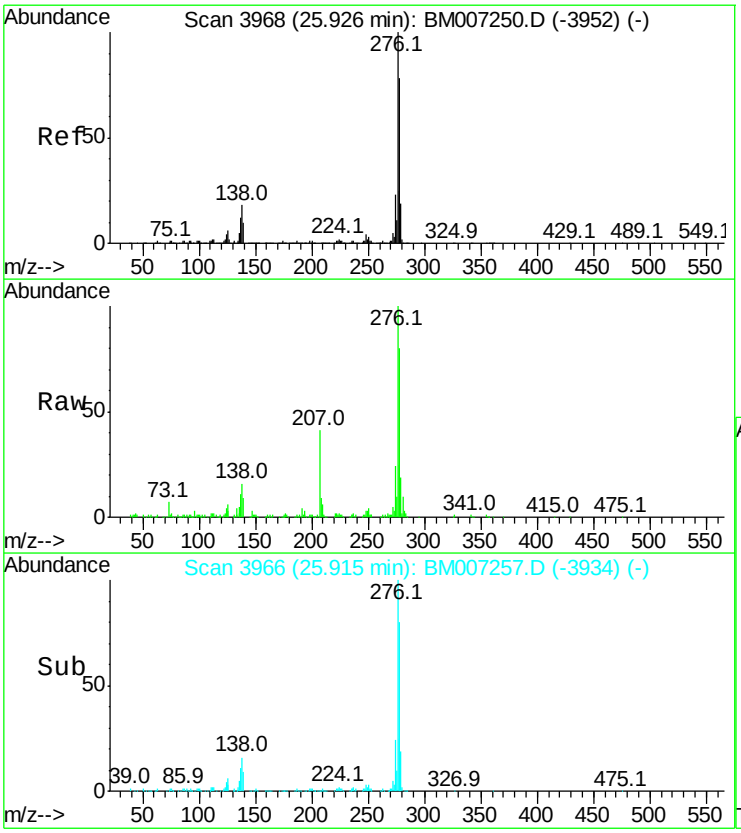
#88
Benzo(a)pyrene
Concen: 2.86 ng/ul
RT: 23.53 min Scan# 3560
Delta R.T. -0.01 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:252 Resp: 400837

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	8.3	6.6	9.8

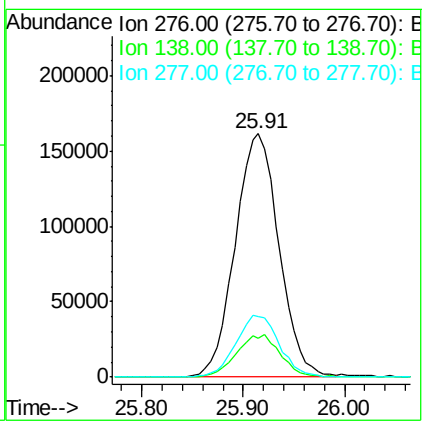


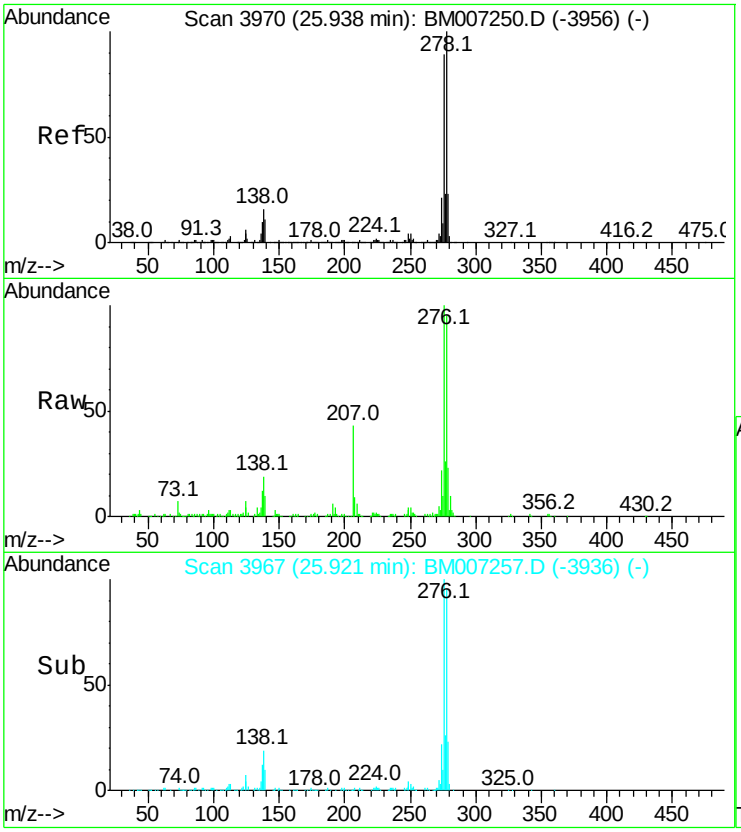


#89
Indeno(1,2,3-cd)pyrene
Concen: 2.81 ng/ul
RT: 25.91 min Scan# 3966
Delta R.T. -0.01 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Tgt Ion:276 Resp: 483211

Ion	Ratio	Lower	Upper
276	100		
138	16.1	13.9	20.9
277	24.8	20.1	30.1



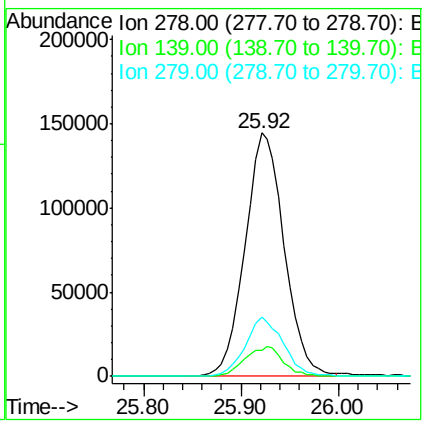


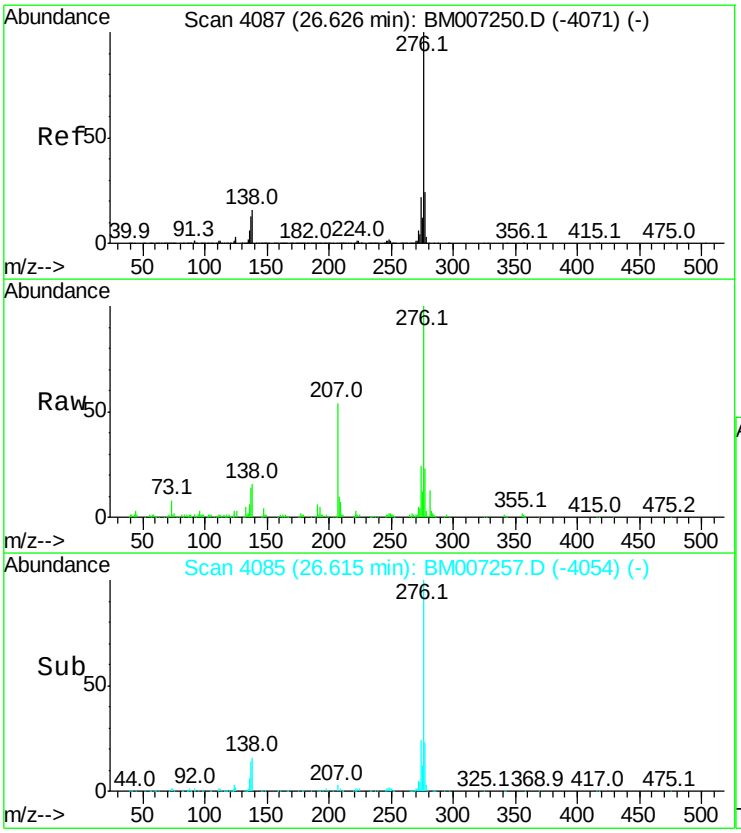
#90
Dibenzo(a,h)anthracene
Concen: 2.84 ng/ul
RT: 25.92 min Scan# 3967
Delta R.T. -0.02 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:278 Resp: 406631

Ion	Ratio	Lower	Upper
278	100		
139	10.9	9.5	14.3
279	24.5	19.1	28.7





#91
Benzo(g,h,i)perylene
Concen: 2.78 ng/ul
RT: 26.61 min Scan# 4085
Delta R.T. -0.02 min
Lab File: BM007257.D
Acq: 23 Aug 2016 18:02

Tgt Ion:276 Resp: 405720

Ion	Ratio	Lower	Upper
276	100		
138	16.0	13.5	20.3
277	23.2	19.3	28.9