Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011518\
Data File : BM013596.D
Acq On : 15 Jan 2018 21:42
Operator : SJ/JU
Sample : J1079-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJJ3

Quant Time: Jan 16 03:11:23 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 16 03:03:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	165083	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	632310	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	332838	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.05	188	697809	20.00	ng/ul	0.03
75) Chrysene-d12	21.23	240	711492	20.00	ng/ul	0.01
83) Perylene-d12	23.44	264	702398	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	18224	4.36	ng/uL	0.00
5) Phenol-d5	6.80	99	415594	32.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	260687	33.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	362018	35.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	212301	21.79	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	177620	36.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	194015	37.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	333297	33.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	204911	23.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	908840	33.13	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	1172283	33.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	162192	36.38	ng/ul	0.00
57) Fluorene-d10	15.28	176	838159	34.74	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.42	200	76011	18.10	ng/ul	0.02
70) Anthracene-d10	17.15	188	1217296	35.81	ng/ul	0.02
76) Pyrene-d10	19.44	212	1334867	40.30	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.30	264	1192279	36.93	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.83	94	72596	5.711	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.06	93	81712	8.215	ng/ul#	29
17) Hexachloroethane	8.72	117	13246	2.644	ng/ul#	1
24) 2,4-Dimethylphenol	9.60	107	12165	1.068	ng/ul#	59
28) Naphthalene	10.45	128	131833	4.191	ng/ul#	94
30) 4-Chloroaniline	10.52	127	935892	108.619	ng/ul#	41
32) Caprolactam	11.43	113	69766	25.982	ng/ul	91
34) 2-Methylnaphthalene	12.07	142	586996	25.028	ng/ul	97
40) 1,1'-Biphenyl	13.10	154	135765	4.900	ng/ul#	85
42) 2-Nitroaniline	13.37	65	9498	1.590	ng/ul#	31
44) Dimethylphthalate	13.74	163	246805	9.151	ng/ul#	94
47) Acenaphthylene	14.00	152	56376	1.761	ng/ul#	1
48) 3-Nitroaniline	14.20	138	22393	5.448	ng/ul#	47
49) Acenaphthene	14.35	153	52669	2.376	ng/ul#	82
52) 4-Nitrophenol	14.52	109	11423	2.522	ng/ul#	30
53) Dibenzofuran	14.69	168	159764	4.791	ng/ul#	20
54) 2,4-Dinitrotoluene	14.65	165	25982	3.410	ng/ul#	78
55) 2,3,4,6-Tetrachlorophenol	14.92	232	431761	61.796	ng/ul#	74
58) Fluorene	15.34	166	144967	5.307	ng/ul#	72
60) 4-Nitroaniline	15.38	138	18094	3.762	ng/ul#	35
63) 4,6-Dinitro-2-methylphenol	15.43	198	24529	5.533	ng/ul#	1
64) N-Nitrosodiphenylamine	15.56	169	741851	36.147	ng/ul#	42
68) Pentachlorophenol	16.73	266	21979926	4662.392	ng/ul	88

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011518\
Data File : BM013596.D
Acq On : 15 Jan 2018 21:42
Operator : SJ/JU
Sample : J1079-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJJ3

Quant Time: Jan 16 03:11:23 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 16 03:03:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) Phenanthrene	17.09	178	777439	20.043	ng/ul#	90
74) Fluoranthene	19.10	202	46793	1.011	ng/ul#	1
77) Pyrene	19.47	202	53396	1.234	ng/ul#	7
81) Bis(2-ethylhexyl)phthalate	21.15	149	145522	6.366	ng/ul#	79

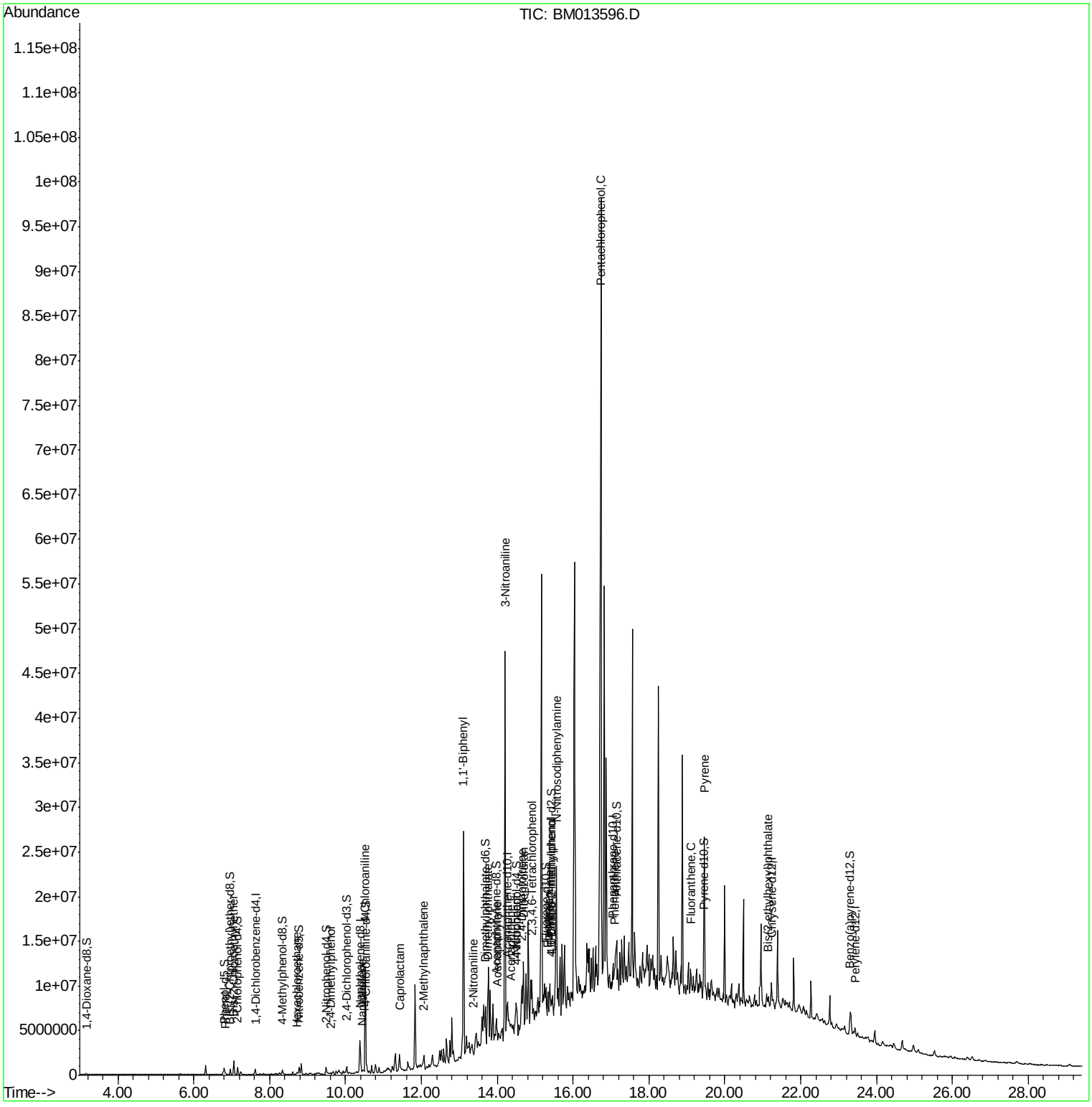
(#) = qualifier out of range (m) = manual integration (+) = signals summed

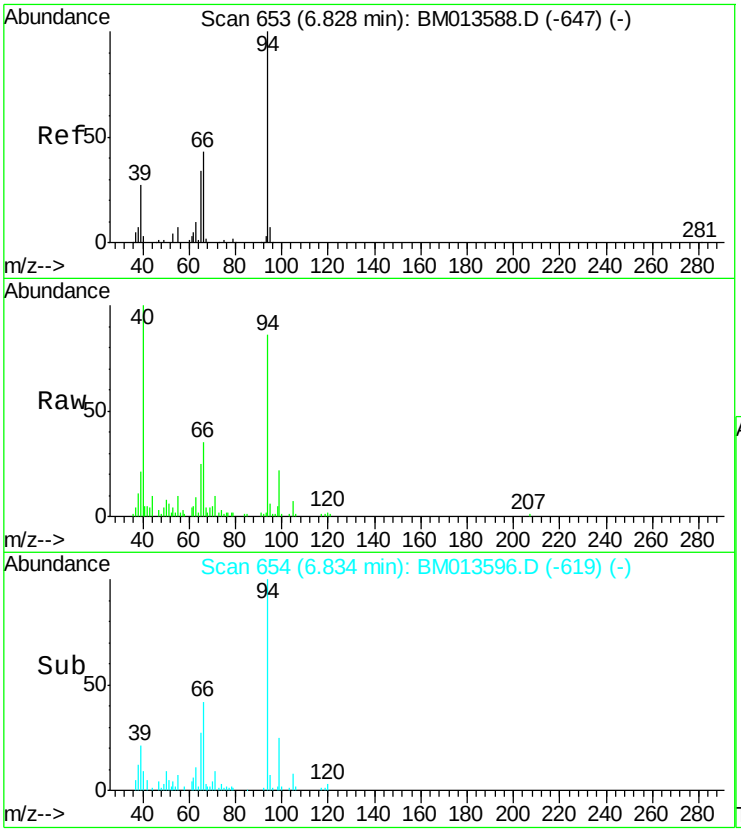
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011518\
Data File : BM013596.D
Acq On : 15 Jan 2018 21:42
Operator : SJ/JU
Sample : J1079-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DAJJ3

Quant Time: Jan 16 03:11:23 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 16 03:03:13 2018
Response via : Initial Calibration



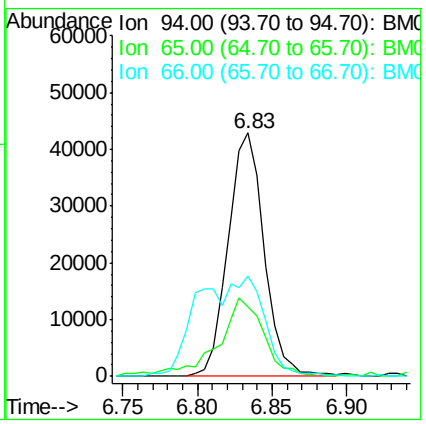


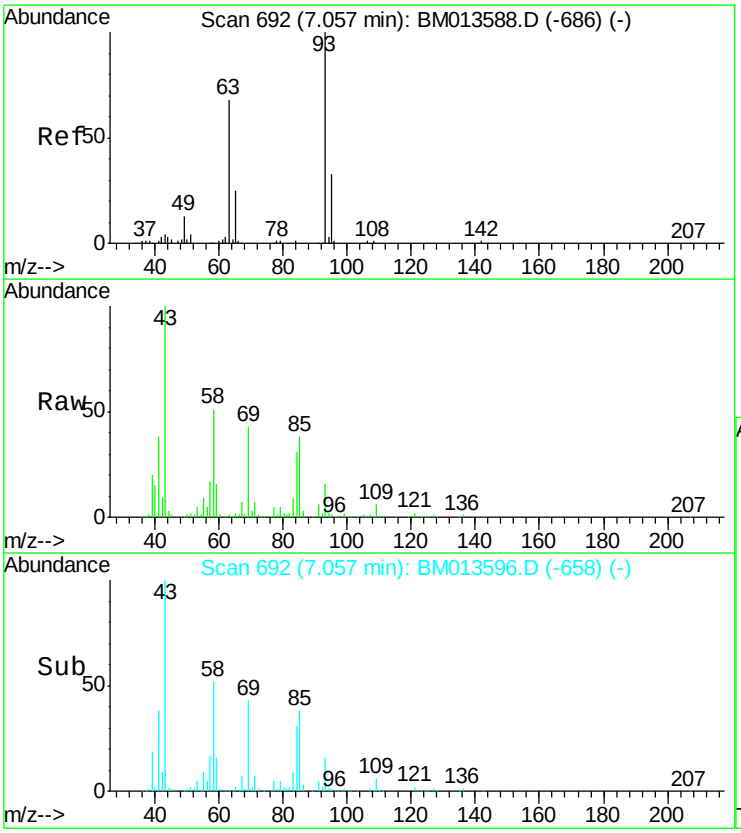
#6
Phenol
Concen: 5.711 ng/ul
RT: 6.83 min Scan# 654
Delta R.T. 0.01 min
Lab File: BM013596.D
Acq: 15 Jan 2018 21:42

Instrument :
BNA_M
ClientSampleId :
DAJJ3

Tgt Ion: 94 Resp: 72596

Ion	Ratio	Lower	Upper
94	100		
65	28.4	28.2	42.4
66	41.0	47.2	70.8#

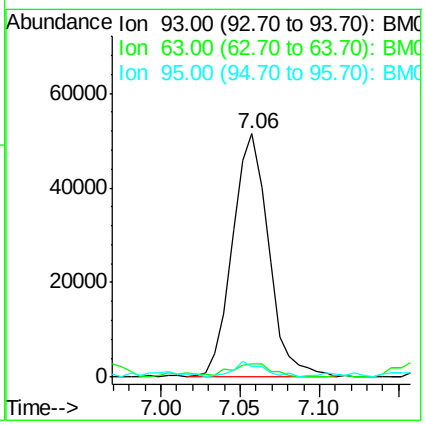


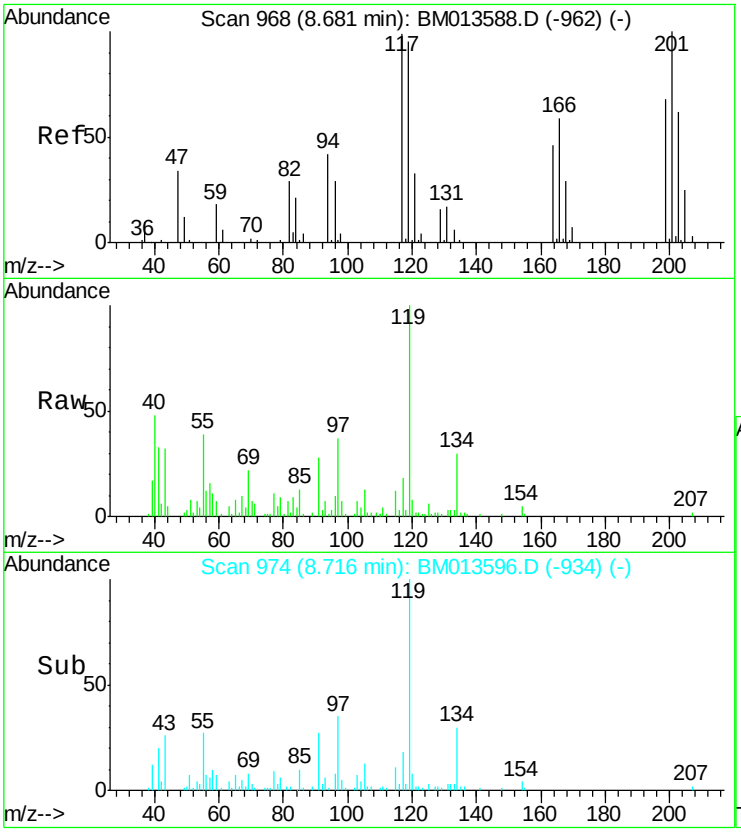


#8
Bis(2-Chloroethyl)ether
Concen: 8.215 ng/ul
RT: 7.06 min Scan# 692
Delta R.T. 0.00 min
Lab File: BM013596.D
Acq: 15 Jan 2018 21:42

Tgt Ion: 93 Resp: 81712

Ion	Ratio	Lower	Upper
93	100		
63	5.2	57.3	85.9#
95	4.5	26.6	39.8#



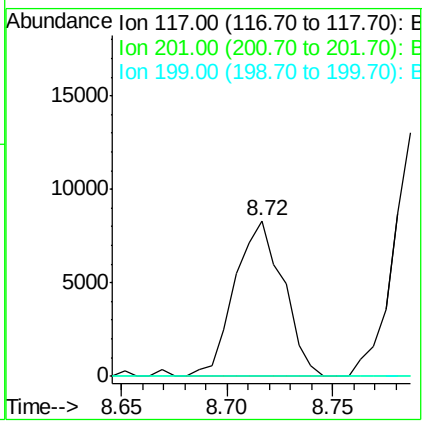


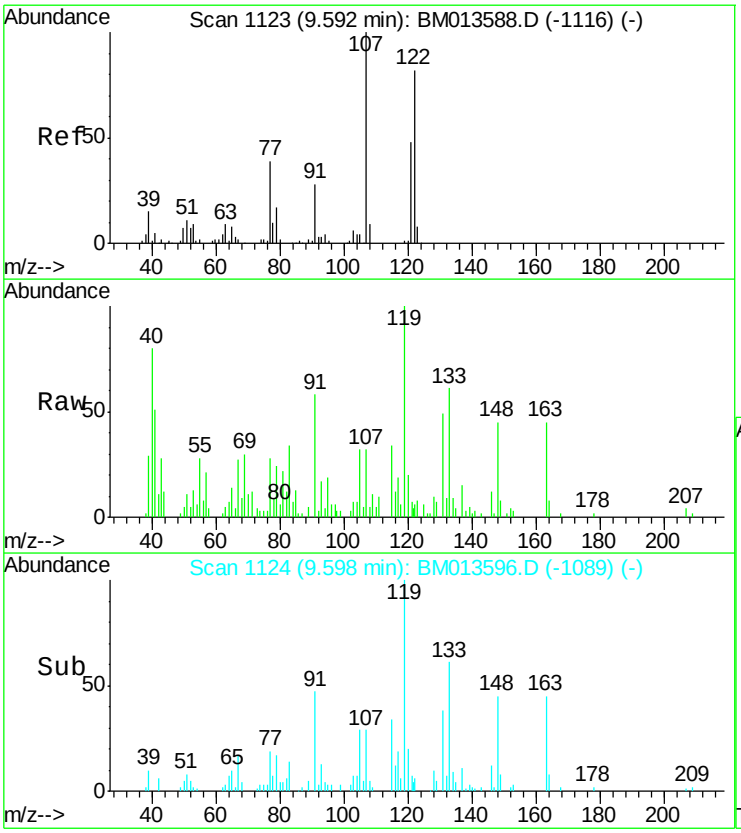
#17
Hexachloroethane
Concen: 2.644 ng/ul
RT: 8.72 min Scan# 974
Delta R.T. 0.04 min
Lab File: BM013596.D
Acq: 15 Jan 2018 21:42

Instrument :
BNA_M
ClientSampleId :
DAJJ3

Tgt Ion:117 Resp: 13246

Ion	Ratio	Lower	Upper
117	100		
201	0.0	111.6	167.4#
199	0.0	67.8	101.6#

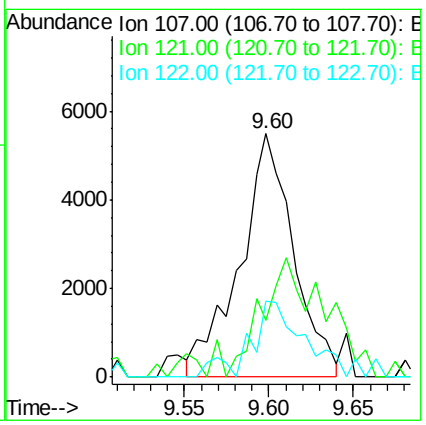


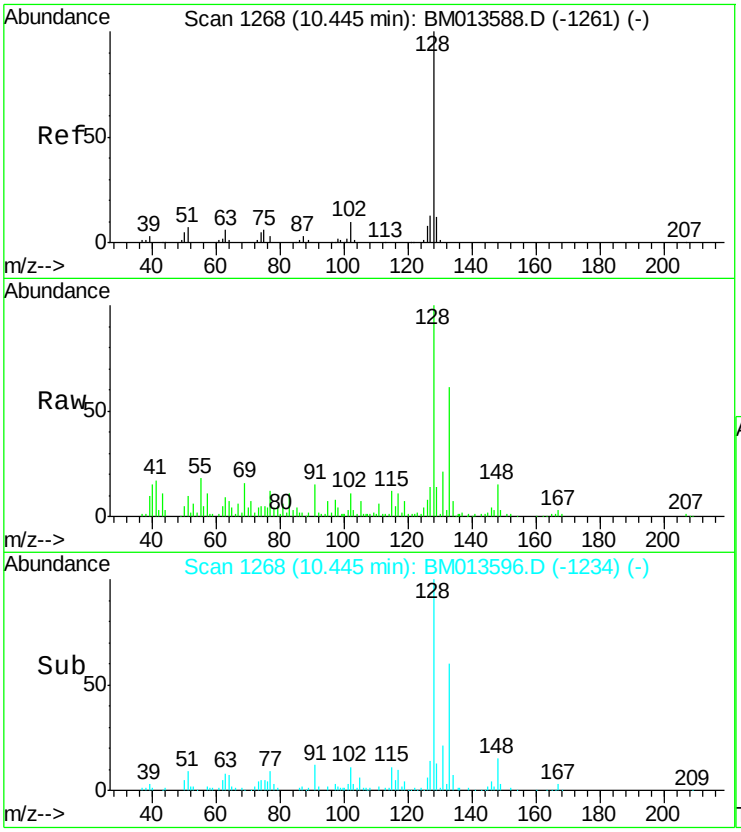


#24
2,4-Dimethylphenol
Concen: 1.068 ng/ul
RT: 9.60 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BM013596.D
Acq: 15 Jan 2018 21:42

Tgt Ion:107 Resp: 12165

Ion	Ratio	Lower	Upper
107	100		
121	23.5	31.9	47.9#
122	31.2	57.8	86.6#



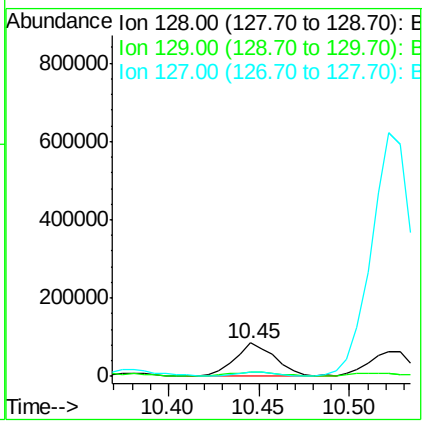


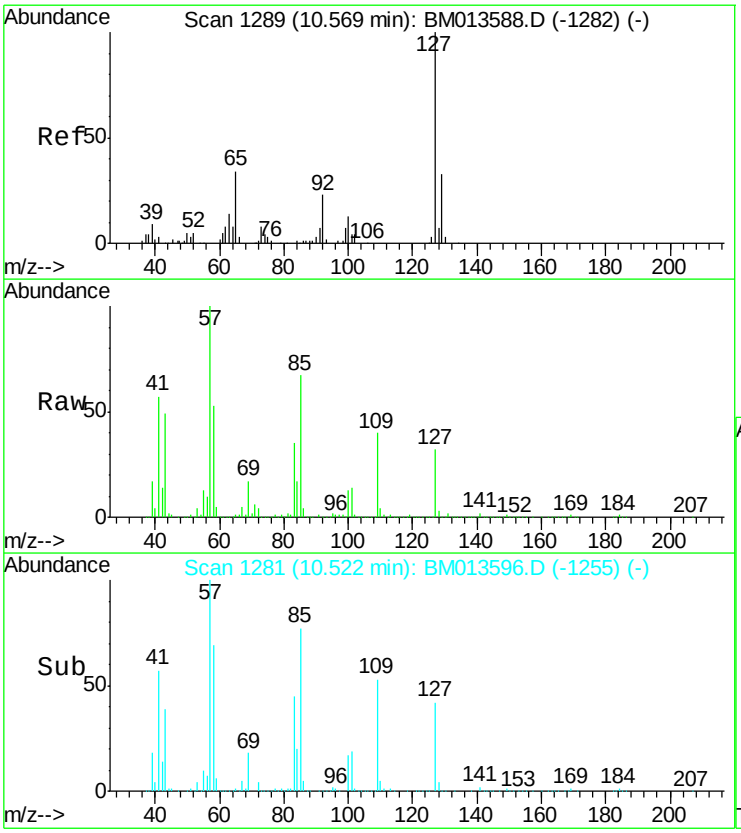
#28
Naphthalene
Concen: 4.191 ng/ul
RT: 10.45 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BM013596.D
Acq: 15 Jan 2018 21:42

Instrument :
BNA_M
ClientSampleId :
DAJJ3

Tgt Ion:128 Resp: 131833

Ion	Ratio	Lower	Upper
128	100		
129	14.5	8.8	13.2#
127	14.5	10.6	16.0

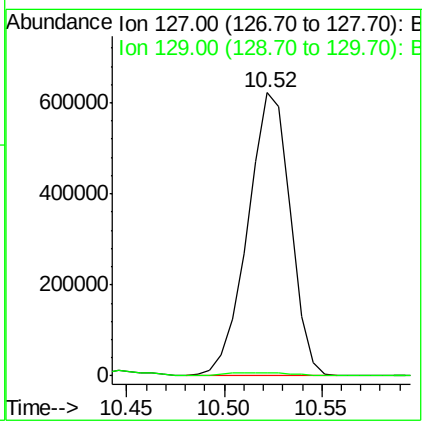


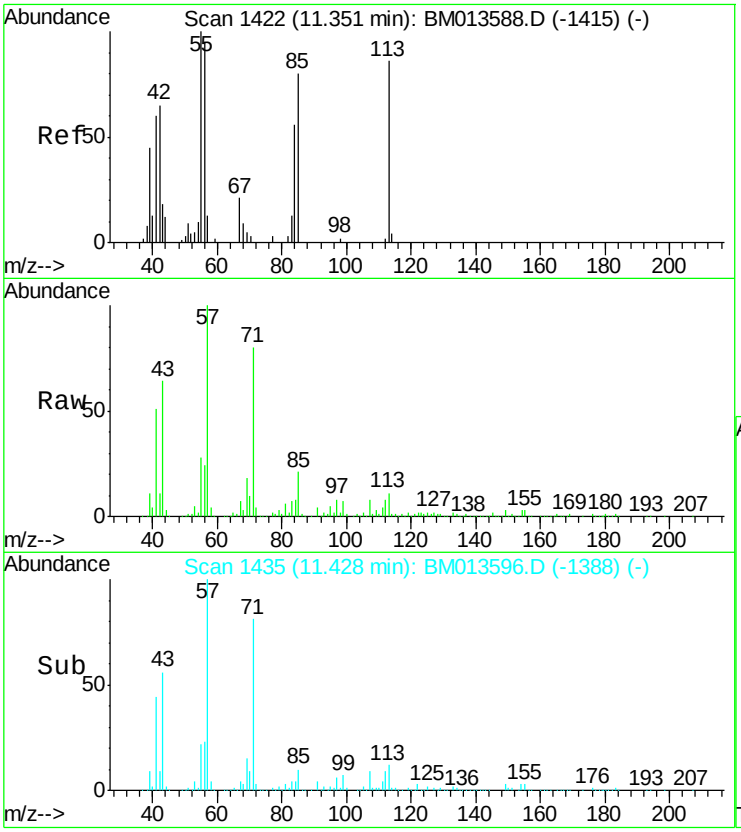


#30
4-Chloroaniline
Concen: 108.619 ng/ul
RT: 10.52 min Scan# 1281
Delta R.T. -0.05 min
Lab File: BM013596.D
Acq: 15 Jan 2018 21:42

Tgt Ion:127 Resp: 935892

Ion	Ratio	Lower	Upper
127	100		
129	1.2	28.4	42.6#



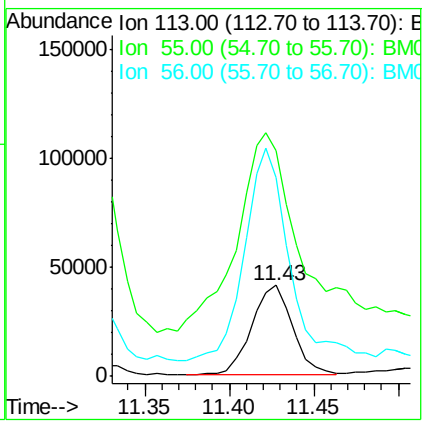


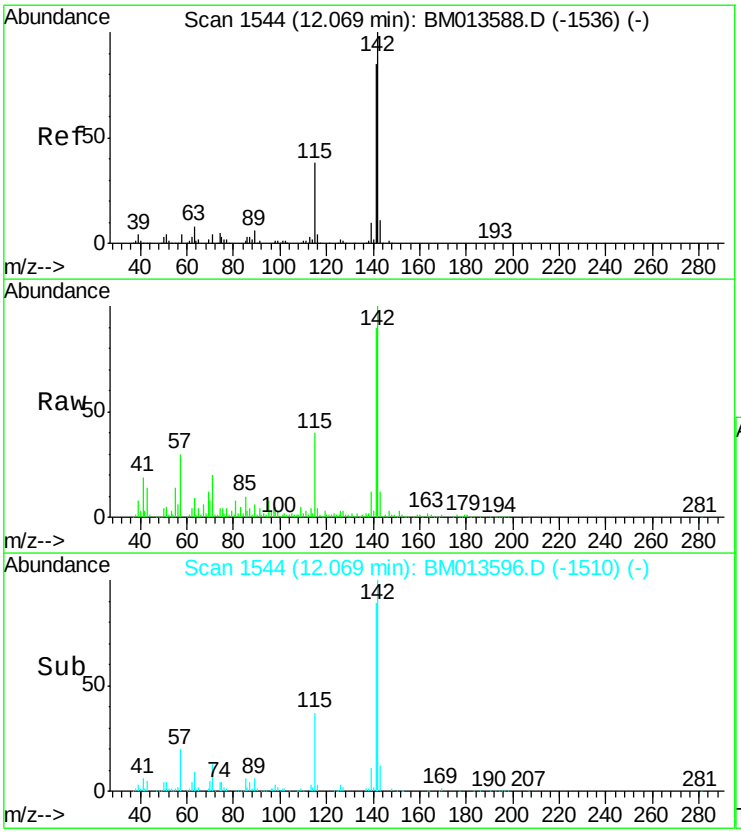
#32
Caprolactam
Concen: 25.982 ng/ul
RT: 11.43 min Scan# 1435
Delta R.T. 0.08 min
Lab File: BM013596.D
Acq: 15 Jan 2018 21:42

Instrument :
BNA_M
ClientSampleId :
DAJJ3

Tgt Ion:113 Resp: 69766

Ion	Ratio	Lower	Upper
113	100		
55	247.3	208.0	312.0
56	218.5	160.0	240.0

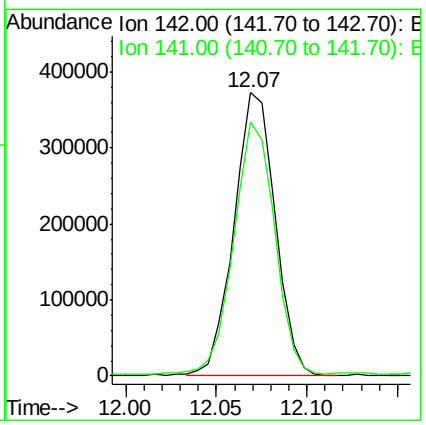


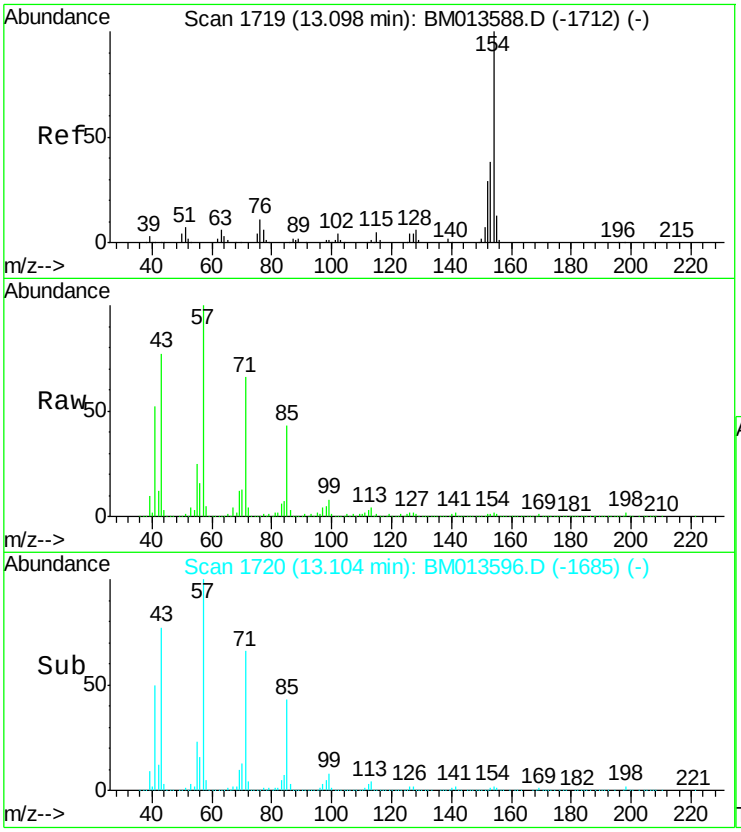


#34
2-Methylnaphthalene
Concen: 25.028 ng/ul
RT: 12.07 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BM013596.D
Acq: 15 Jan 2018 21:42

Tgt Ion:142 Resp: 586996

Ion	Ratio	Lower	Upper
142	100		
141	89.7	74.1	111.1



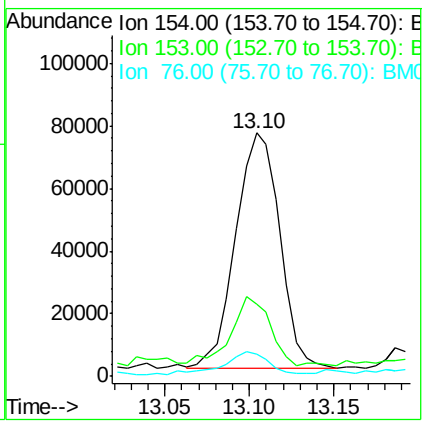


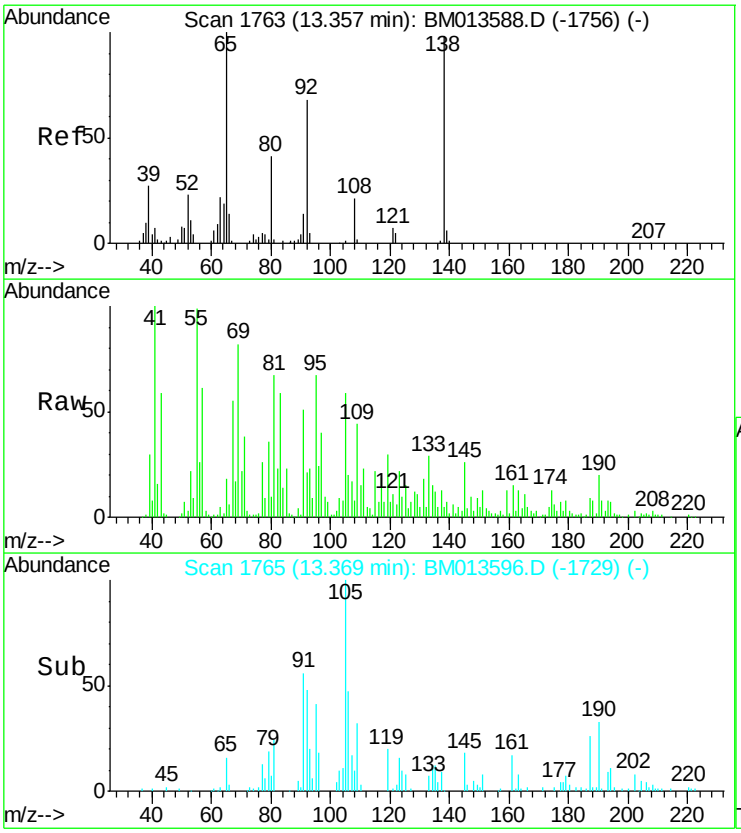
#40
1,1'-Biphenyl
Concen: 4.900 ng/ul
RT: 13.10 min Scan# 1720
Delta R.T. 0.01 min
Lab File: BM013596.D
Acq: 15 Jan 2018 21:42

Instrument :
BNA_M
ClientSampleId :
DAJJ3

Tgt Ion:154 Resp: 135765

Ion	Ratio	Lower	Upper
154	100		
153	29.8	32.6	48.8#
76	8.9	8.5	12.7

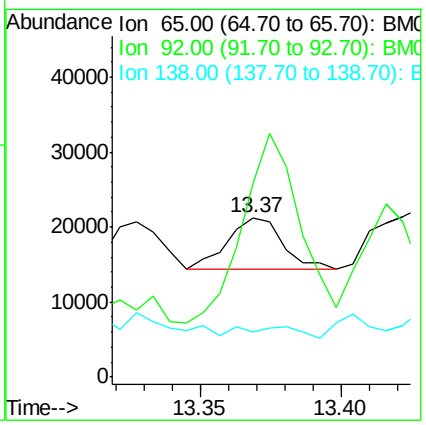


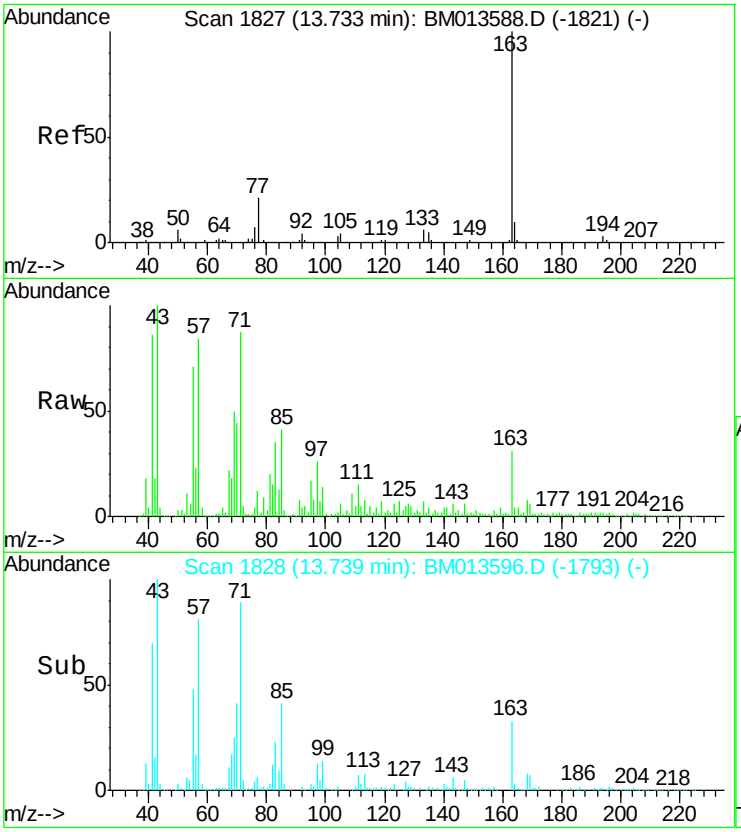


#42
2-Nitroaniline
Concen: 1.590 ng/ul
RT: 13.37 min Scan# 1765
Delta R.T. 0.01 min
Lab File: BM013596.D
Acq: 15 Jan 2018 21:42

Tgt Ion: 65 Resp: 9498

Ion	Ratio	Lower	Upper
65	100		
92	121.2	51.8	77.6#
138	28.2	74.2	111.4#



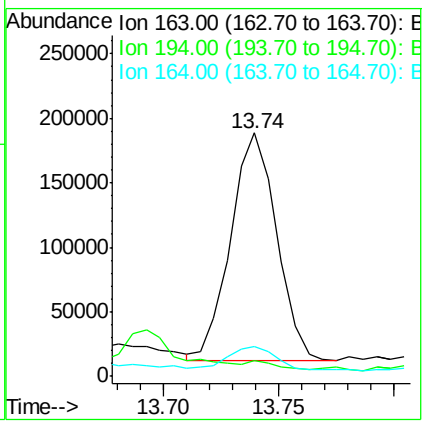


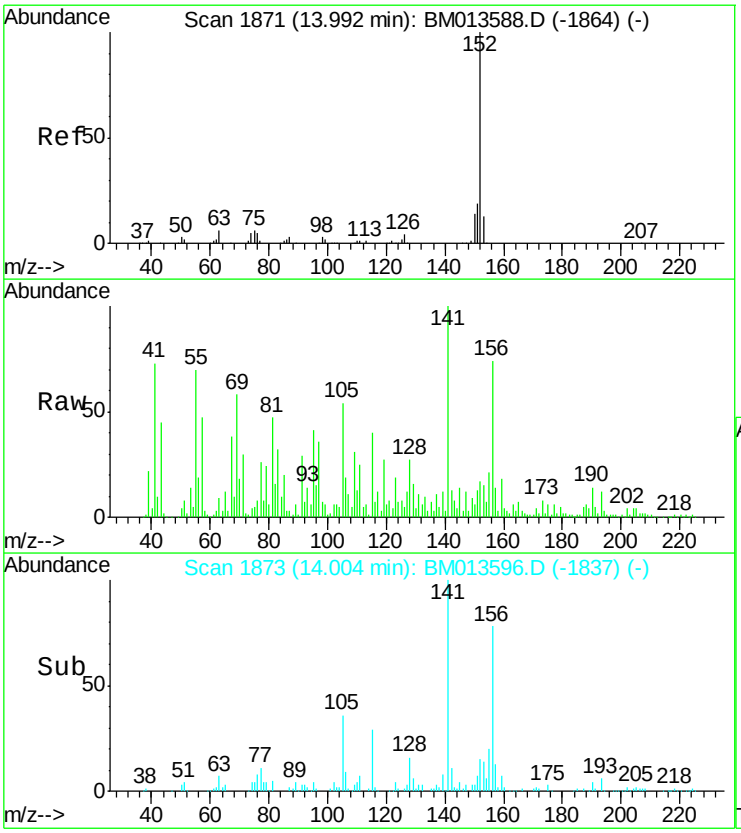
#44
Dimethylphthalate
Concen: 9.151 ng/ul
RT: 13.74 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BM013596.D
Acq: 15 Jan 2018 21:42

Instrument :
BNA_M
ClientSampleId :
DAJJ3

Tgt Ion:163 Resp: 246805

Ion	Ratio	Lower	Upper
163	100		
194	6.6	3.5	5.3#
164	12.3	8.2	12.4

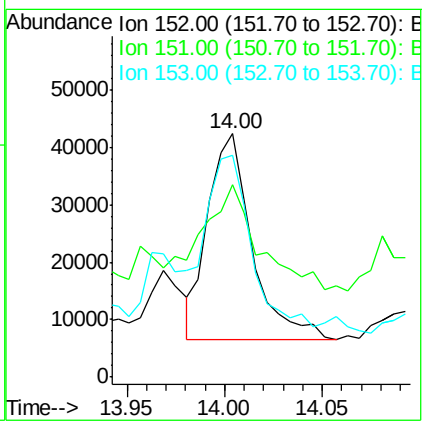


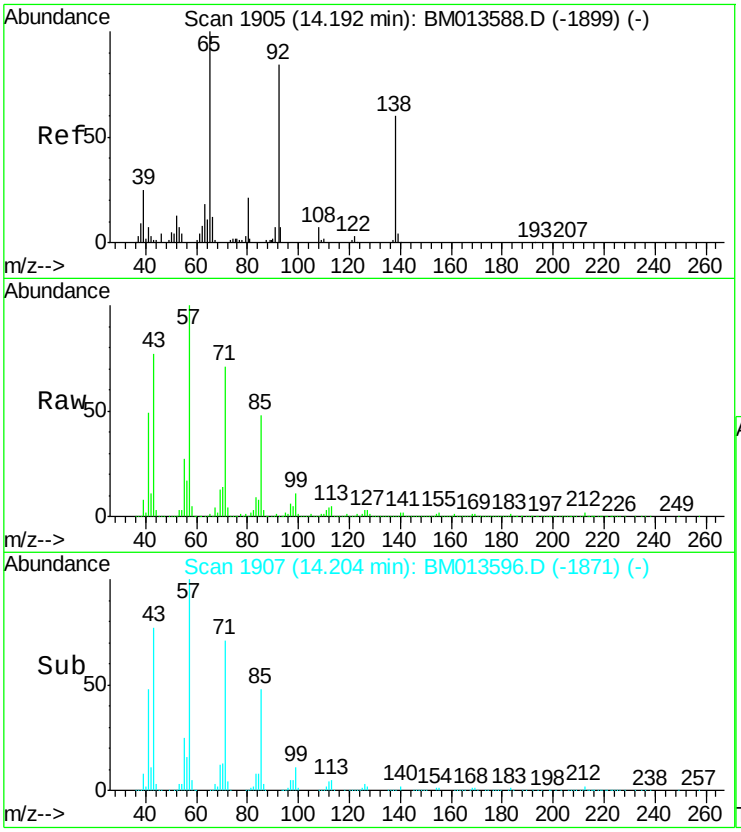


#47
Acenaphthylene
Concen: 1.761 ng/ul
RT: 14.00 min Scan# 1873
Delta R.T. 0.01 min
Lab File: BM013596.D
Acq: 15 Jan 2018 21:42

Tgt Ion:152 Resp: 56376

Ion	Ratio	Lower	Upper
152	100		
151	79.0	16.3	24.5#
153	91.4	10.2	15.4#



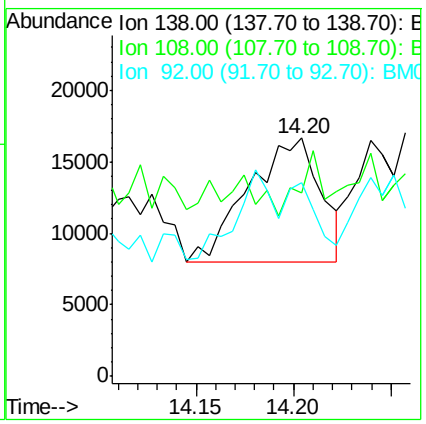


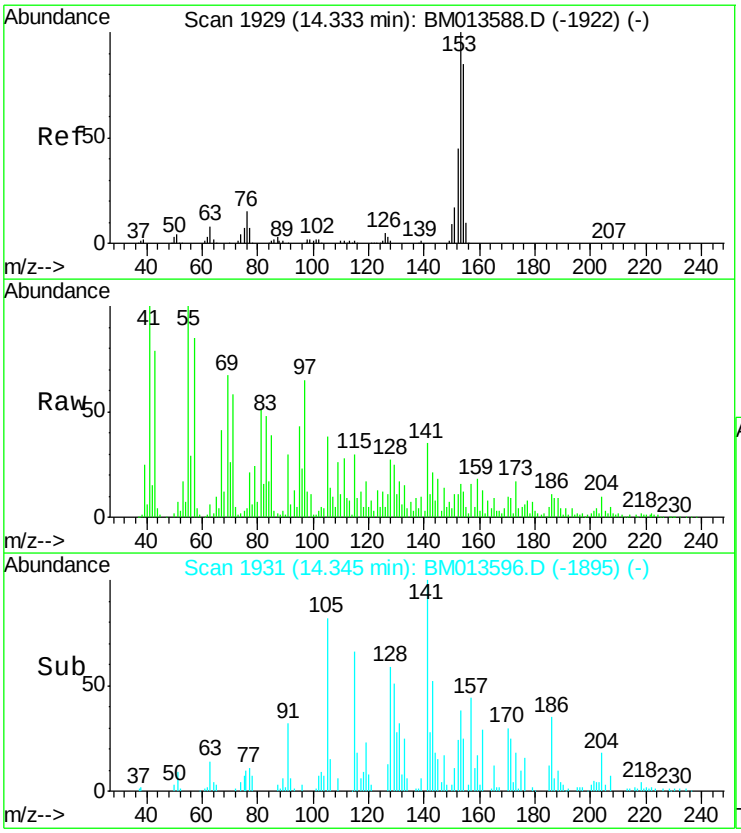
#48
3-Nitroaniline
Concen: 5.448 ng/ul
RT: 14.20 min Scan# 1907
Delta R.T. 0.01 min
Lab File: BM013596.D
Acq: 15 Jan 2018 21:42

Instrument :
BNA_M
ClientSampleId :
DAJJ3

Tgt Ion:138 Resp: 22393

Ion	Ratio	Lower	Upper
138	100		
108	77.0	9.9	14.9#
92	81.2	105.0	157.4#

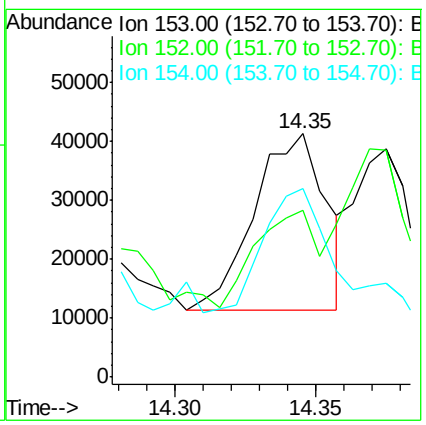


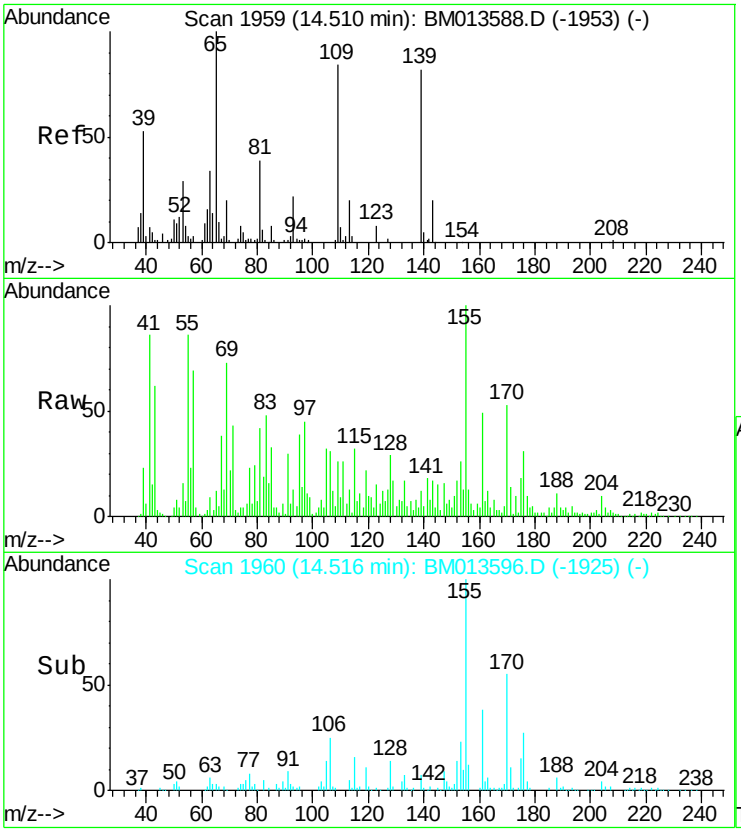


#49
Acenaphthene
Concen: 2.376 ng/ul
RT: 14.35 min Scan# 1931
Delta R.T. 0.01 min
Lab File: BM013596.D
Acq: 15 Jan 2018 21:42

Tgt Ion:153 Resp: 52669

Ion	Ratio	Lower	Upper
153	100		
152	68.3	37.6	56.4#
154	77.7	70.4	105.6



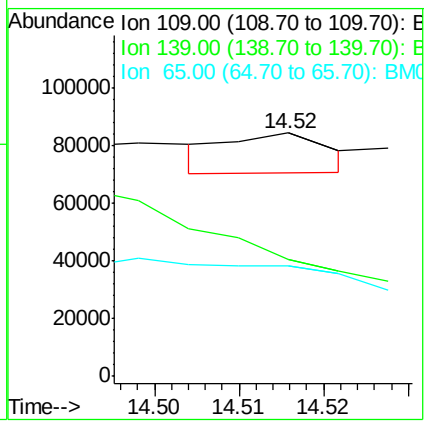


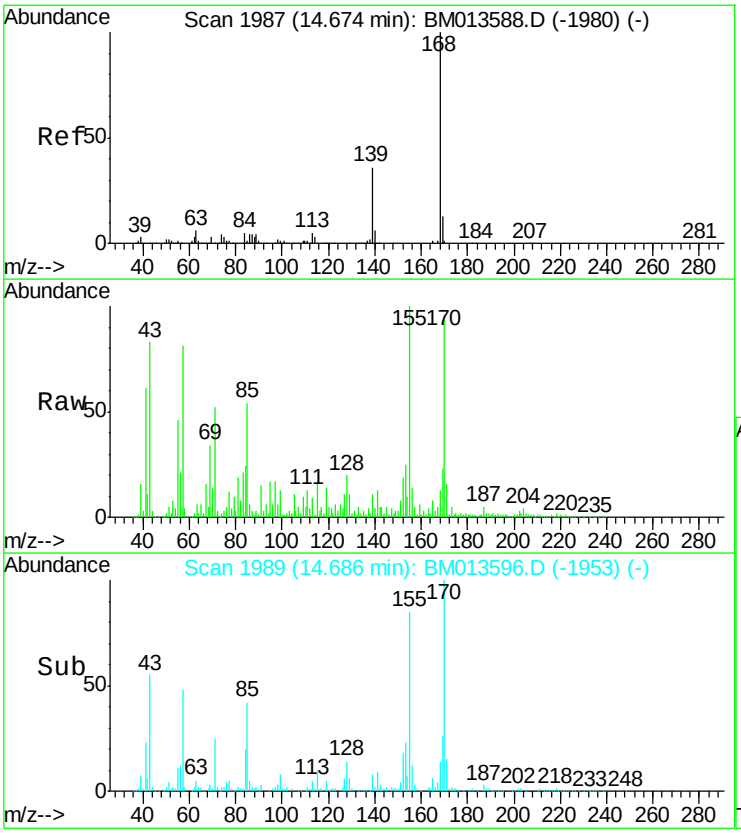
#52
4-Nitrophenol
Concen: 2.522 ng/ul
RT: 14.52 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BM013596.D
Acq: 15 Jan 2018 21:42

Instrument :
BNA_M
ClientSampleId :
DAJJ3

Tgt Ion:109 Resp: 11423

Ion	Ratio	Lower	Upper
109	100		
139	47.8	80.0	120.0#
65	45.5	120.0	180.0#

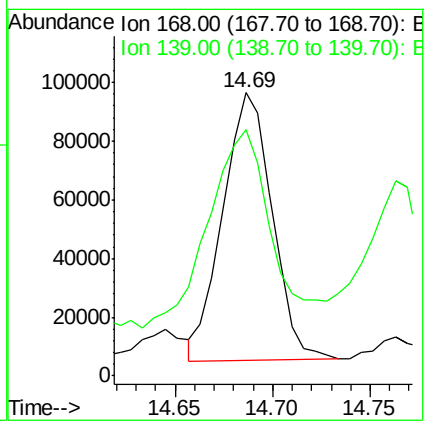


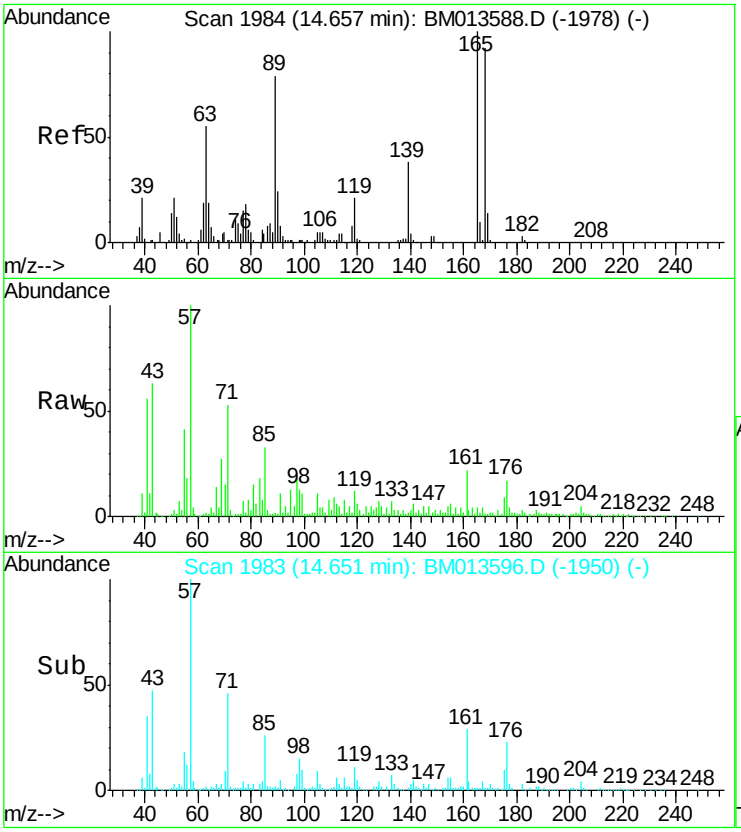


#53
Dibenzofuran
Concen: 4.791 ng/ul
RT: 14.69 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BM013596.D
Acq: 15 Jan 2018 21:42

Tgt Ion:168 Resp: 159764

Ion	Ratio	Lower	Upper
168	100		
139	86.8	30.8	46.2#



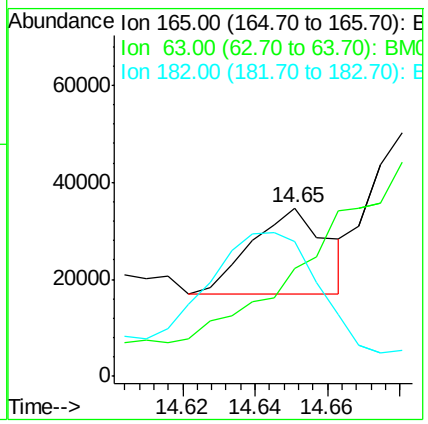


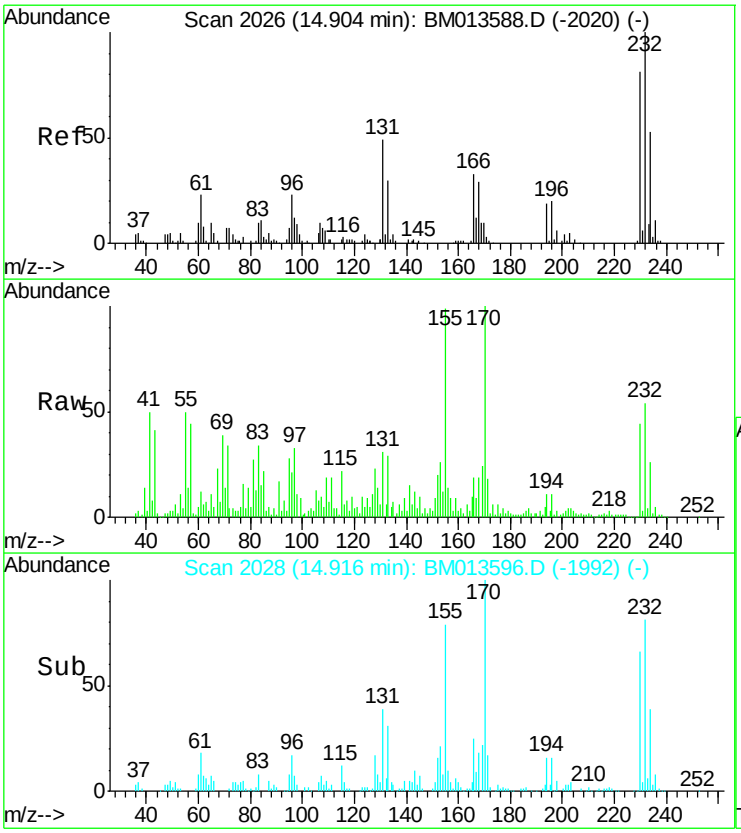
#54
2,4-Dinitrotoluene
Concen: 3.410 ng/ul
RT: 14.65 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BM013596.D
Acq: 15 Jan 2018 21:42

Instrument :
BNA_M
ClientSampleId :
DAJJ3

Tgt Ion:165 Resp: 25982

Ion	Ratio	Lower	Upper
165	100		
63	64.3	45.8	68.8
182	79.7	2.6	4.0#

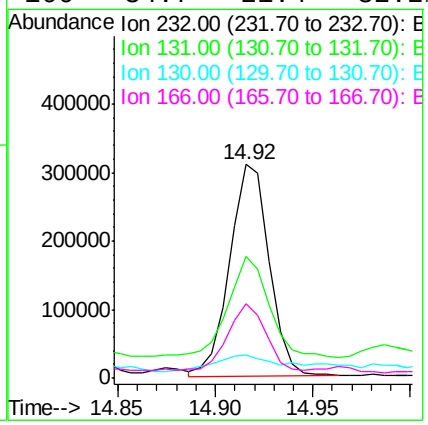


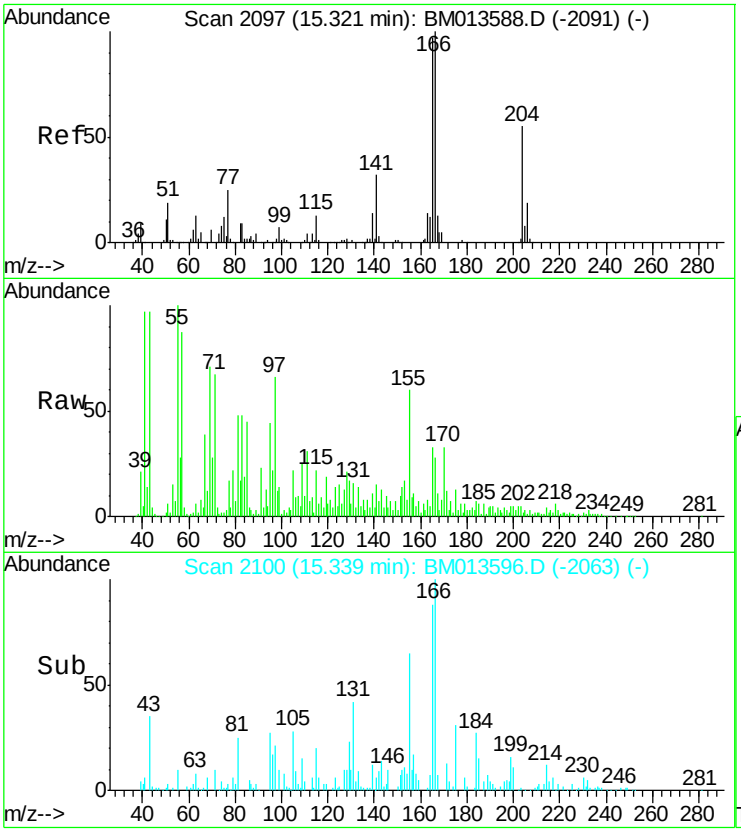


#55
2,3,4,6-Tetrachlorophenol
Concen: 61.796 ng/ul
RT: 14.92 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BM013596.D
Acq: 15 Jan 2018 21:42

Tgt Ion:232 Resp: 431761

Ion	Ratio	Lower	Upper
232	100		
131	56.7	29.0	43.4#
130	10.6	2.0	3.0#
166	34.7	21.4	32.2#



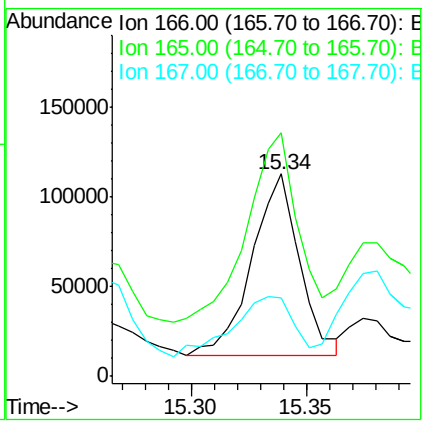


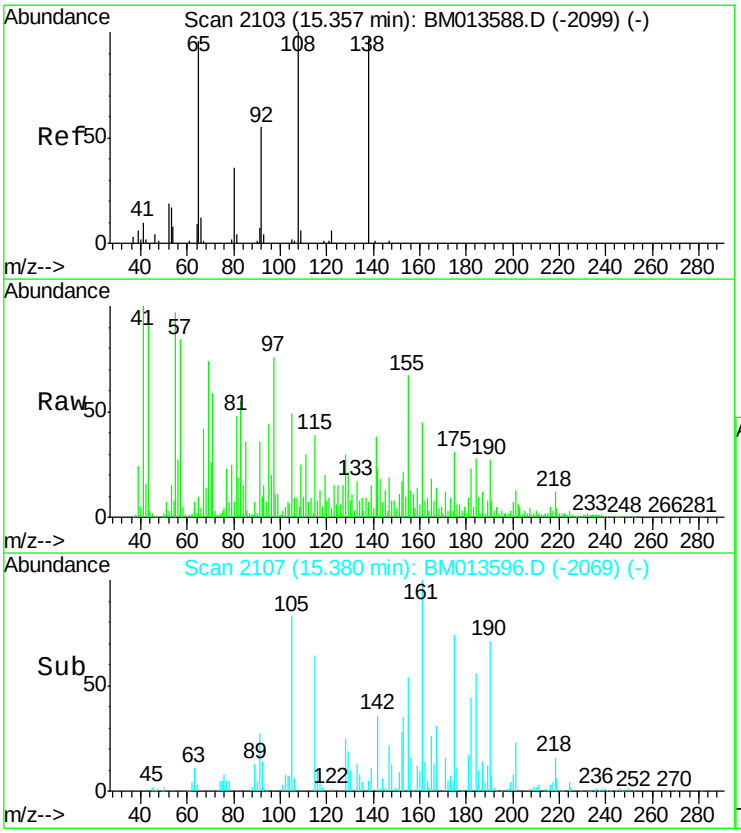
#58
Fluorene
Concen: 5.307 ng/ul
RT: 15.34 min Scan# 2100
Delta R.T. 0.02 min
Lab File: BM013596.D
Acq: 15 Jan 2018 21:42

Instrument :
BNA_M
ClientSampleId :
DAJJ3

Tgt Ion:166 Resp: 144967

Ion	Ratio	Lower	Upper
166	100		
165	120.3	77.9	116.9#
167	39.1	10.6	16.0#

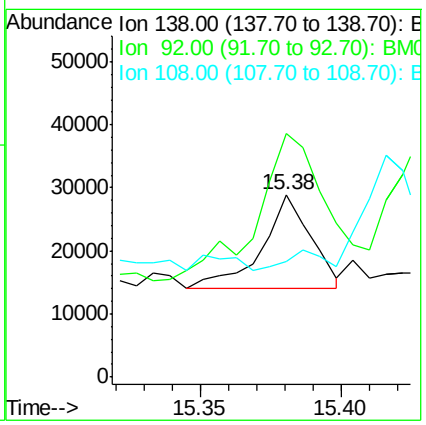


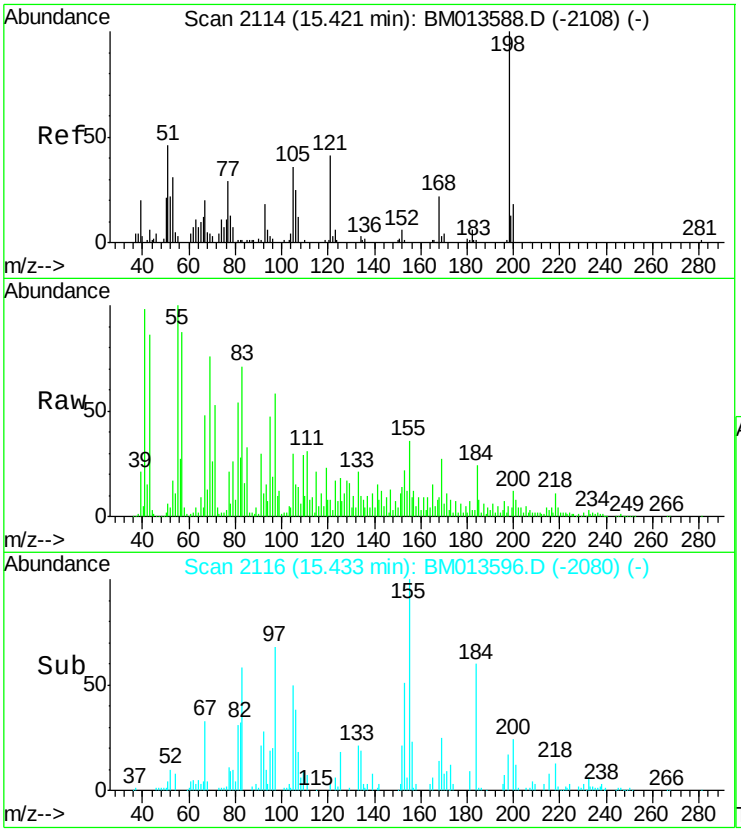


#60
4-Nitroaniline
Concen: 3.762 ng/ul
RT: 15.38 min Scan# 2107
Delta R.T. 0.02 min
Lab File: BM013596.D
Acq: 15 Jan 2018 21:42

Tgt Ion:138 Resp: 18094

Ion	Ratio	Lower	Upper
138	100		
92	133.3	40.0	60.0#
108	63.5	80.0	120.0#



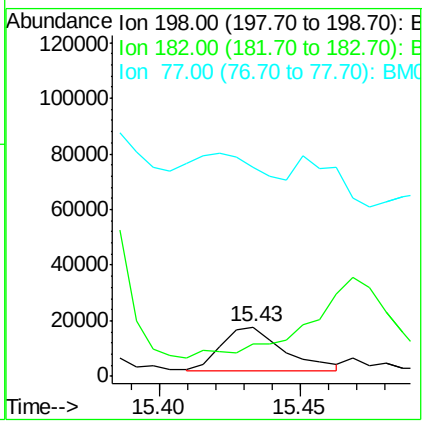


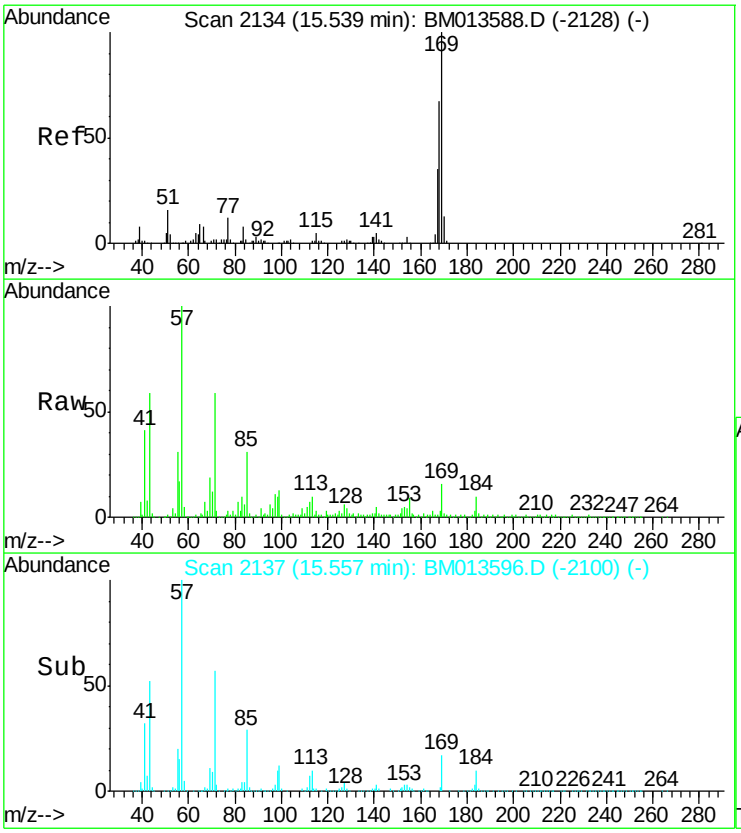
#63
4,6-Dinitro-2-methylphenol
Concen: 5.533 ng/ul
RT: 15.43 min Scan# 2116
Delta R.T. 0.01 min
Lab File: BM013596.D
Acq: 15 Jan 2018 21:42

Instrument :
BNA_M
ClientSampleId :
DAJJ3

Tgt Ion:198 Resp: 24529

Ion	Ratio	Lower	Upper
198	100		
182	65.2	3.8	5.6#
77	426.0	25.2	37.8#

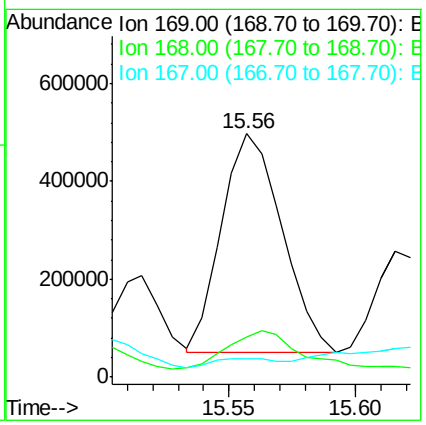


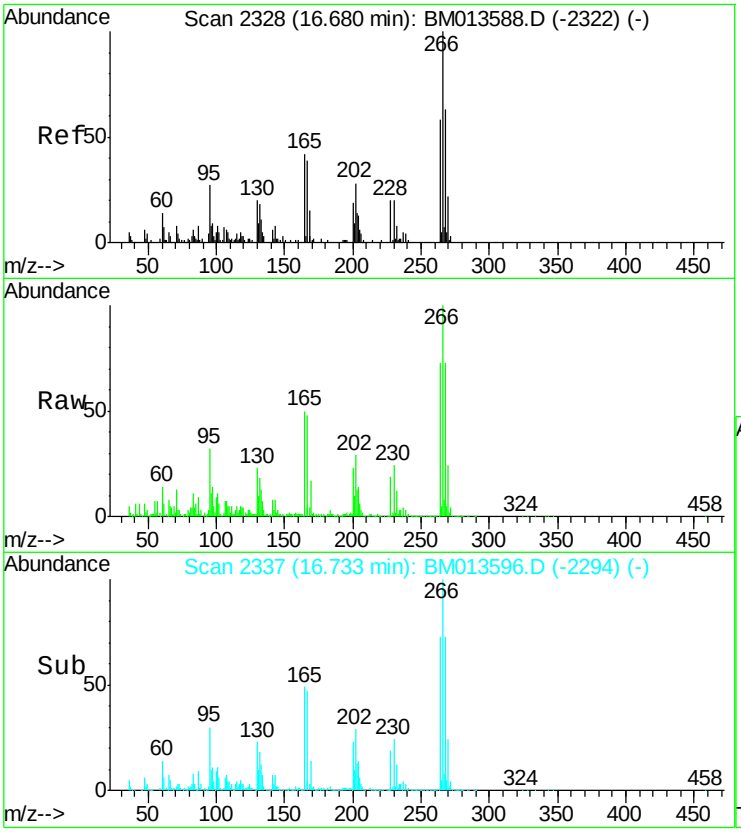


#64
N-Nitrosodiphenylamine
Concen: 36.147 ng/ul
RT: 15.56 min Scan# 2137
Delta R.T. 0.02 min
Lab File: BM013596.D
Acq: 15 Jan 2018 21:42

Tgt Ion:169 Resp: 741851

Ion	Ratio	Lower	Upper
169	100		
168	16.5	54.0	81.0#
167	7.7	29.1	43.7#



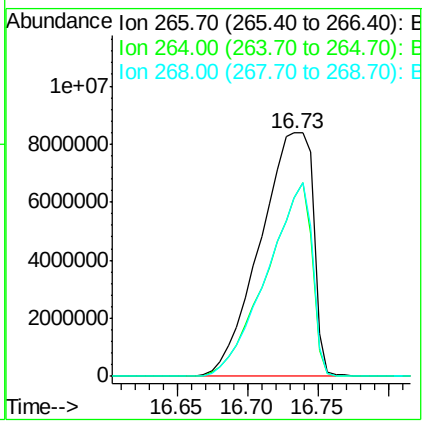


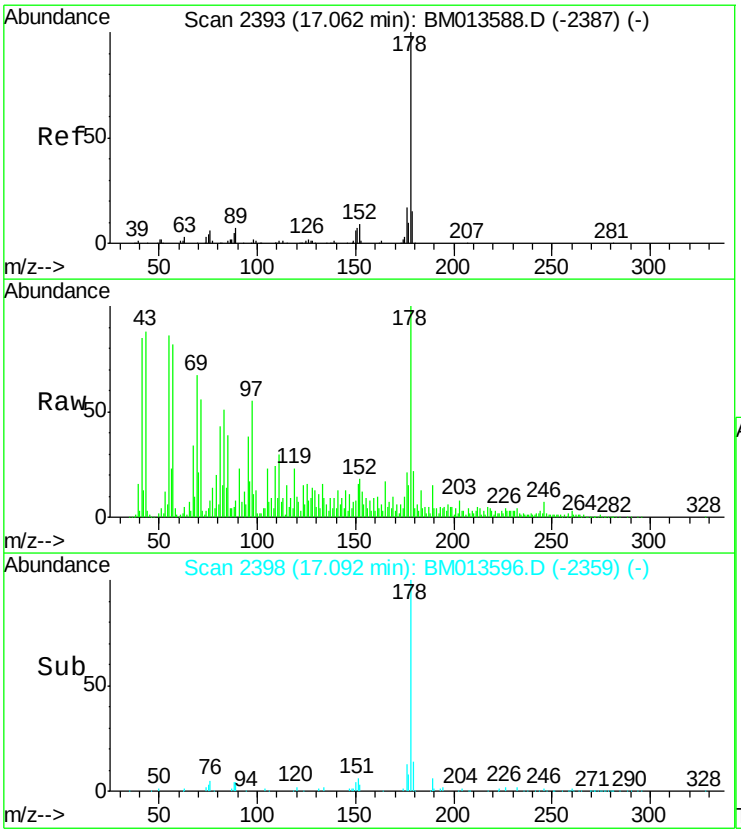
#68
Pentachlorophenol
Concen: 4662.392 ng/ul
RT: 16.73 min Scan# 2337
Delta R.T. 0.05 min
Lab File: BM013596.D
Acq: 15 Jan 2018 21:42

Instrument :
BNA_M
ClientSampleId :
DAJJ3

Tgt Ion:266 Resp:21979926

Ion	Ratio	Lower	Upper
266	100		
264	73.2	49.3	73.9
268	73.1	52.6	78.8

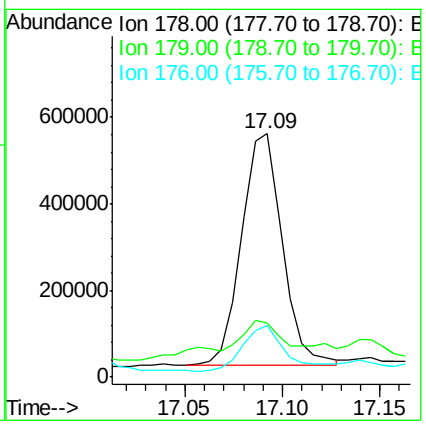


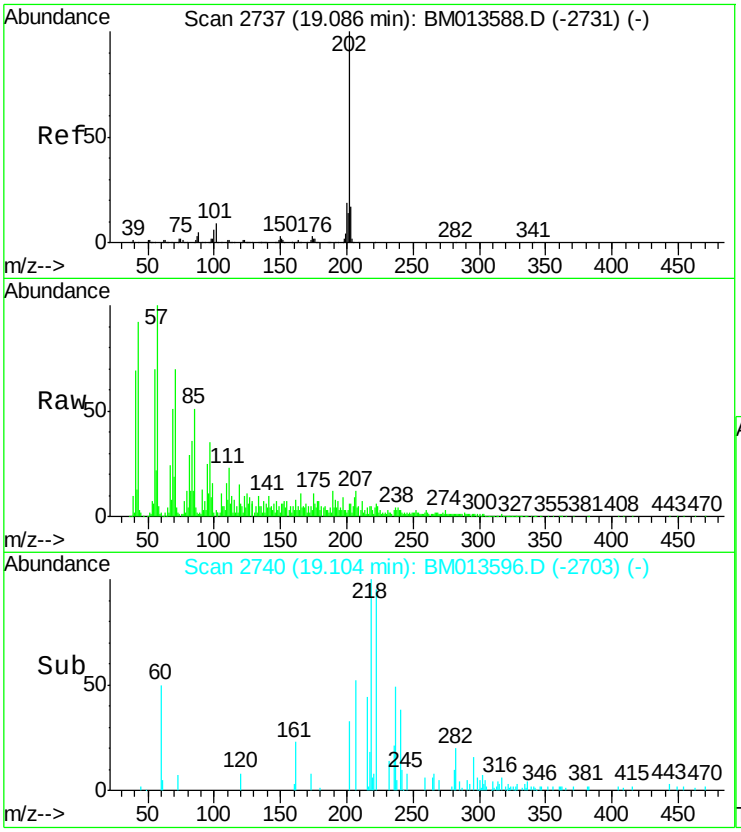


#69
Phenanthrene
Concen: 20.043 ng/ul
RT: 17.09 min Scan# 2398
Delta R.T. 0.03 min
Lab File: BM013596.D
Acq: 15 Jan 2018 21:42

Tgt Ion:178 Resp: 777439

Ion	Ratio	Lower	Upper
178	100		
179	22.4	12.6	19.0#
176	21.0	14.9	22.3



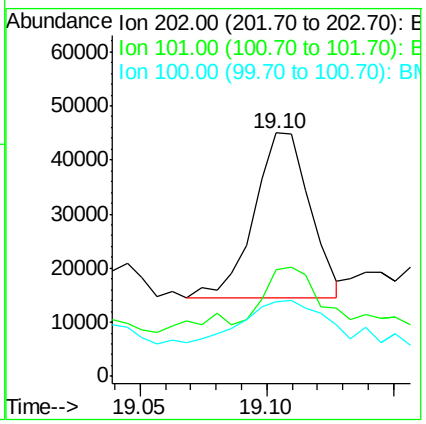


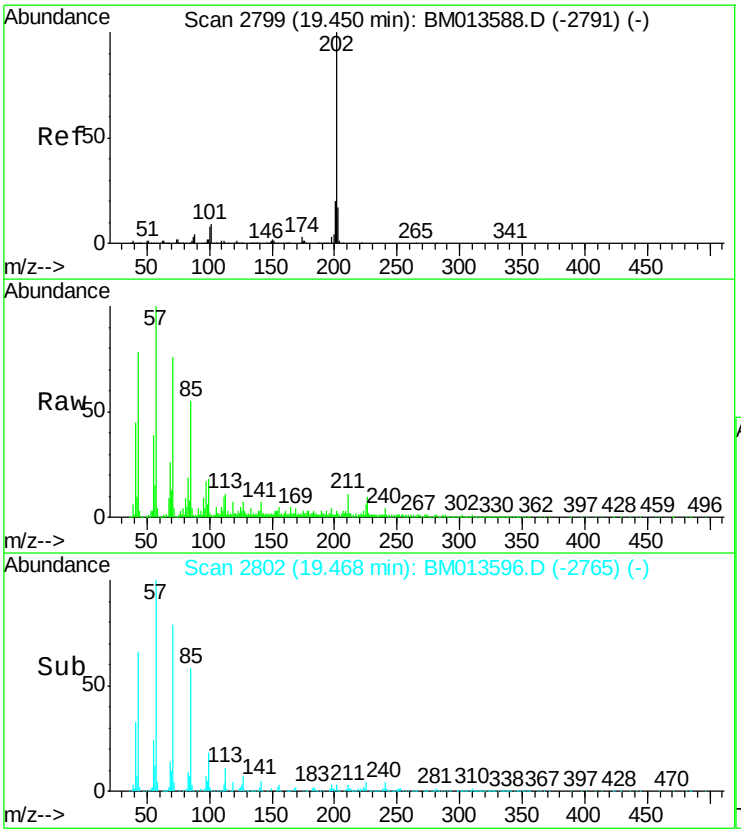
#74
Fluoranthene
Concen: 1.011 ng/ul
RT: 19.10 min Scan# 2740
Delta R.T. 0.02 min
Lab File: BM013596.D
Acq: 15 Jan 2018 21:42

Instrument :
BNA_M
ClientSampleId :
DAJJ3

Tgt Ion:202 Resp: 46793

Ion	Ratio	Lower	Upper
202	100		
101	43.8	4.6	7.0#
100	30.5	3.4	5.2#

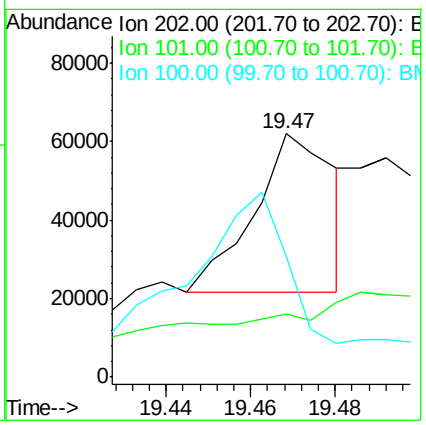


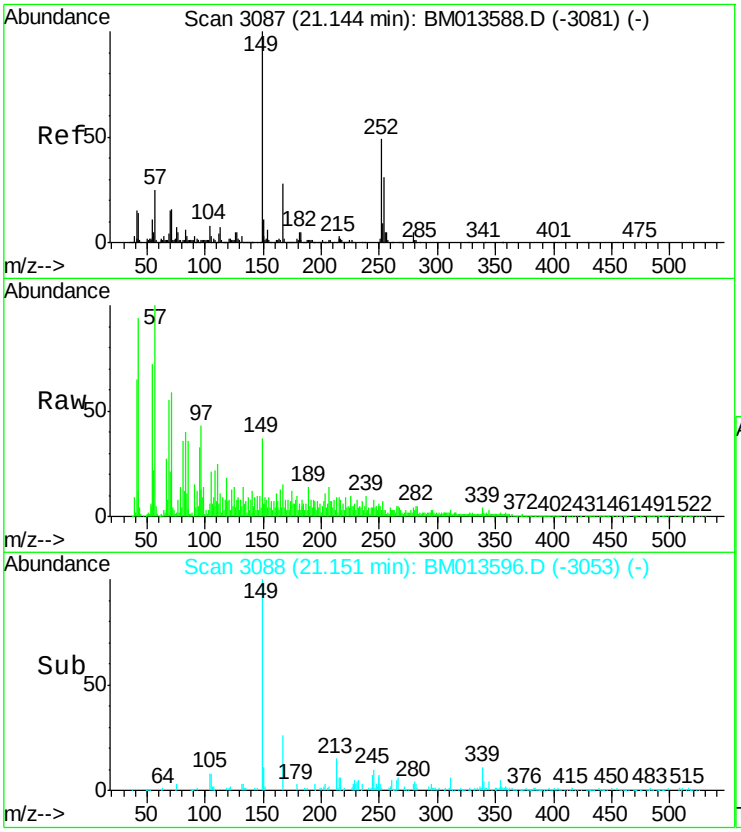


#77
Pyrene
Concen: 1.234 ng/ul
RT: 19.47 min Scan# 2802
Delta R.T. 0.02 min
Lab File: BM013596.D
Acq: 15 Jan 2018 21:42

Tgt Ion:202 Resp: 53396

Ion	Ratio	Lower	Upper
202	100		
101	26.0	5.1	7.7#
100	49.8	4.9	7.3#





#81
Bis(2-ethylhexyl)phthalate
Concen: 6.366 ng/ul
RT: 21.15 min Scan# 3088
Delta R.T. 0.01 min
Lab File: BM013596.D
Acq: 15 Jan 2018 21:42

Instrument :
BNA_M
ClientSampleId :
DAJJ3

Tgt Ion:149 Resp: 145522

Ion	Ratio	Lower	Upper
149	100		
167	40.9	22.8	34.2#
279	9.7	4.9	7.3#