Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041918\
Data File : BM014740.D
Acq On : 19 Apr 2018 19:05
Operator : SJ/JU
Sample : J2388-04MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESSM4MSD

Quant Time: Apr 20 01:27:48 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 20 01:26:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	304777	20.00	ng/ul	0.00
18) Naphthalene-d8	11.39	136	1265280	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.14	164	687107	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	1476229	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1481919	20.00	ng/ul	0.00
83) Perylene-d12	24.44	264	1482006	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.67	96	49808	7.14	ng/uL	0.00
5) Phenol-d5	7.66	99	213906	9.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.85	67	594548	39.35	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	630653	32.00	ng/ul	0.00
13) 4-Methylphenol-d8	9.25	113	401754	21.38	ng/ul	0.00
19) Nitrobenzene-d5	9.73	128	354856	38.79	ng/ul	0.00
22) 2-Nitrophenol-d4	10.46	143	349300	38.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.00	165	642321	34.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.52	131	824433	45.13	ng/ul	0.00
43) Dimethylphthalate-d6	14.53	166	2090494	38.98	ng/ul	0.00
46) Acenaphthylene-d8	14.84	160	2620427	39.56	ng/ul	0.00
51) 4-Nitrophenol-d4	15.30	143	64487	6.48	ng/ul	0.00
57) Fluorene-d10	16.12	176	1765154	37.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.22	200	222532	27.86	ng/ul	0.00
70) Anthracene-d10	17.96	188	2685332	39.03	ng/ul	0.00
76) Pyrene-d10	20.19	212	2882284	41.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.28	264	2786824	38.28	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.69	94	221674	9.562	ng/ul#	80
10) 2-Chlorophenol	8.10	128	605476	31.193	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.35	70	557034	38.986	ng/ul#	81
28) Naphthalene	11.45	128	124929	2.026	ng/ul	99
33) 4-Chloro-3-methylphenol	12.62	107	582840	32.604	ng/ul	92
49) Acenaphthene	15.21	153	1711519	37.532	ng/ul	99
52) 4-Nitrophenol	15.32	109	57477	8.012	ng/ul#	81
54) 2,4-Dinitrotoluene	15.48	165	520949	37.181	ng/ul	88
68) Pentachlorophenol	17.50	266	383907	37.265	ng/ul	97
77) Pyrene	20.22	202	3542036	40.908	ng/ul#	83

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

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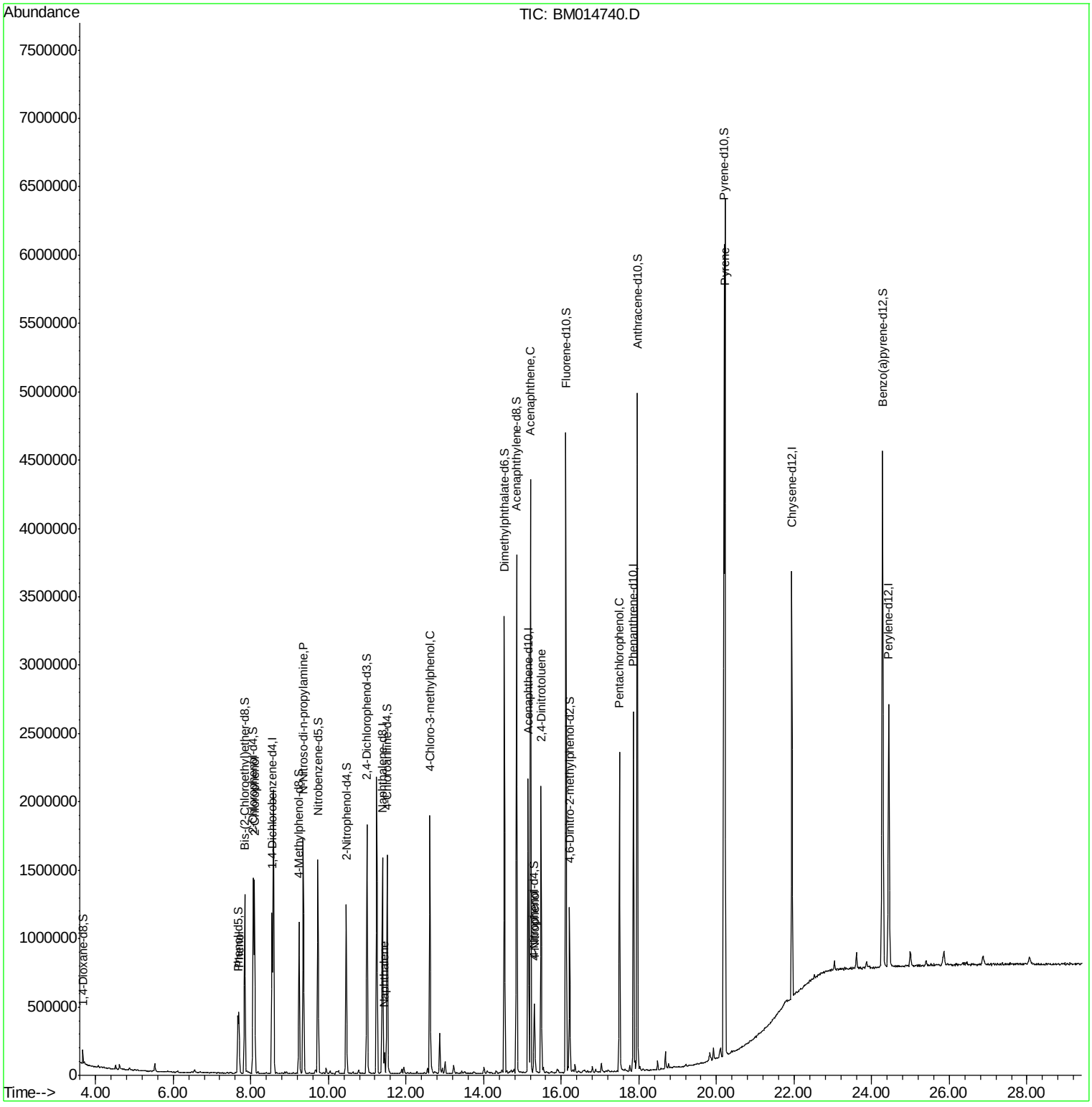
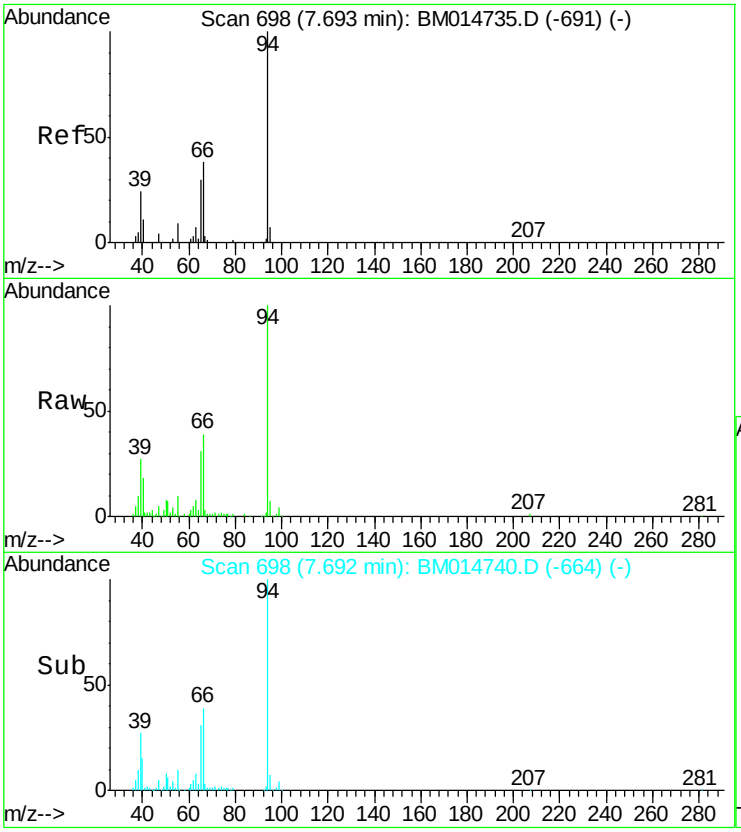


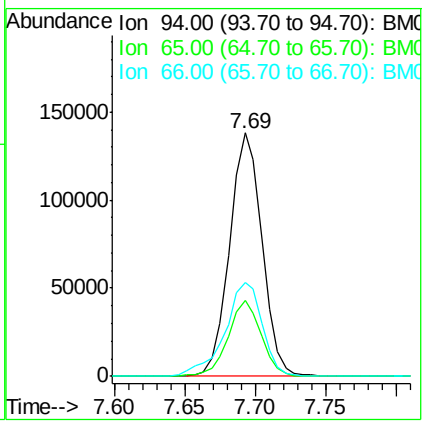


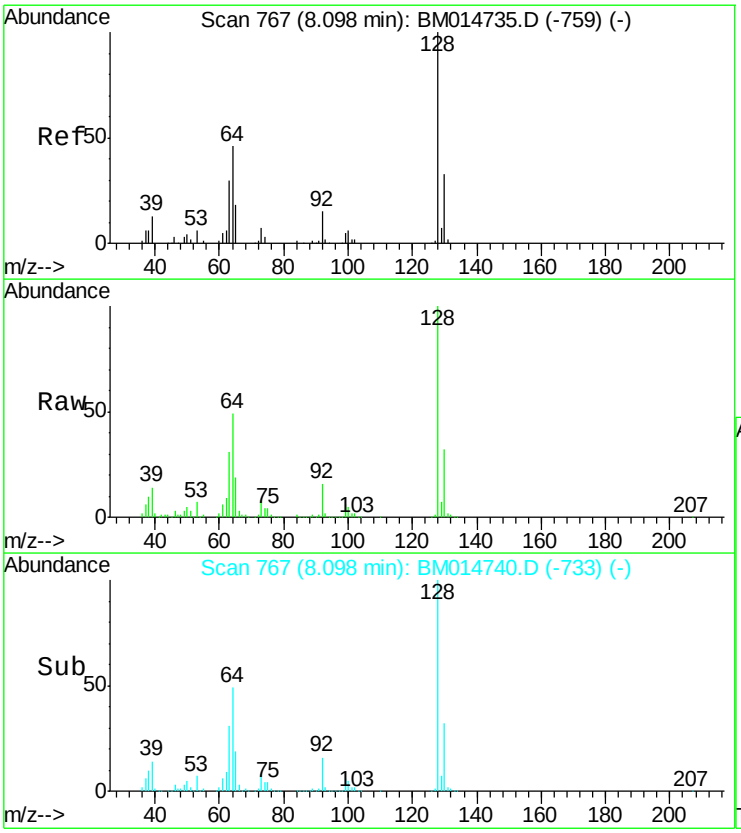
#6
Phenol
Concen: 9.562 ng/ul
RT: 7.69 min Scan# 698
Delta R.T. -0.00 min
Lab File: BM014740.D
Acq: 19 Apr 2018 19:05

Instrument :
BNA_M
ClientSampleId :
ESSM4MSD

Tgt Ion: 94 Resp: 221674

Ion	Ratio	Lower	Upper
94	100		
65	31.0	28.2	42.4
66	38.7	47.2	70.8#

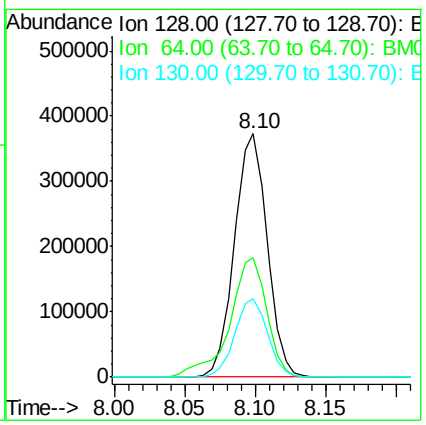


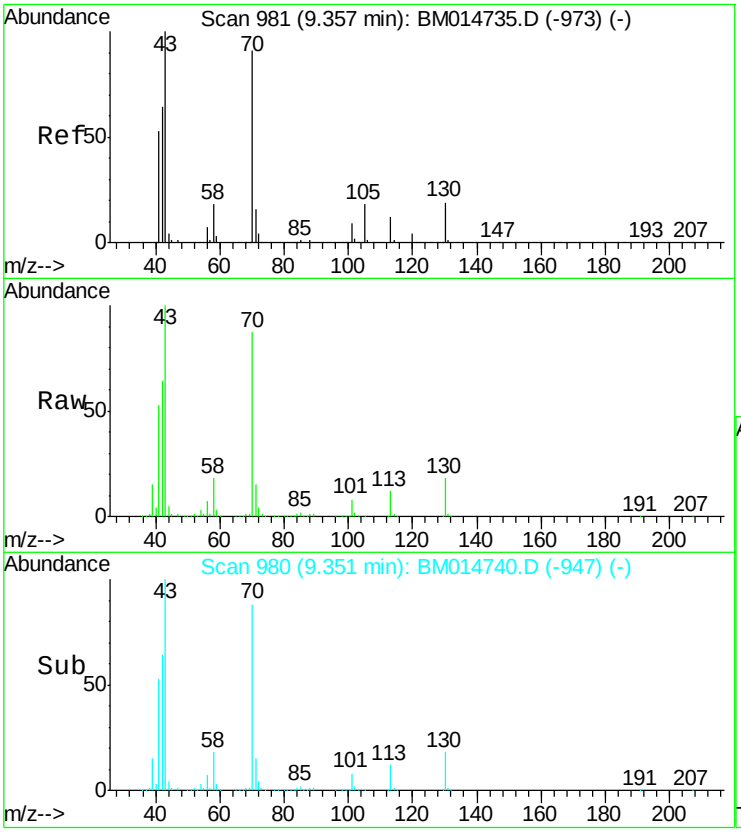


#10
2-Chlorophenol
Concen: 31.193 ng/ul
RT: 8.10 min Scan# 767
Delta R.T. -0.00 min
Lab File: BM014740.D
Acq: 19 Apr 2018 19:05

Tgt Ion:128 Resp: 605476

Ion	Ratio	Lower	Upper
128	100		
64	49.1	38.0	57.0
130	32.2	24.4	36.6



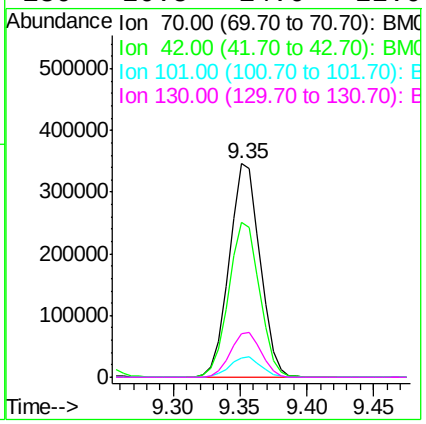


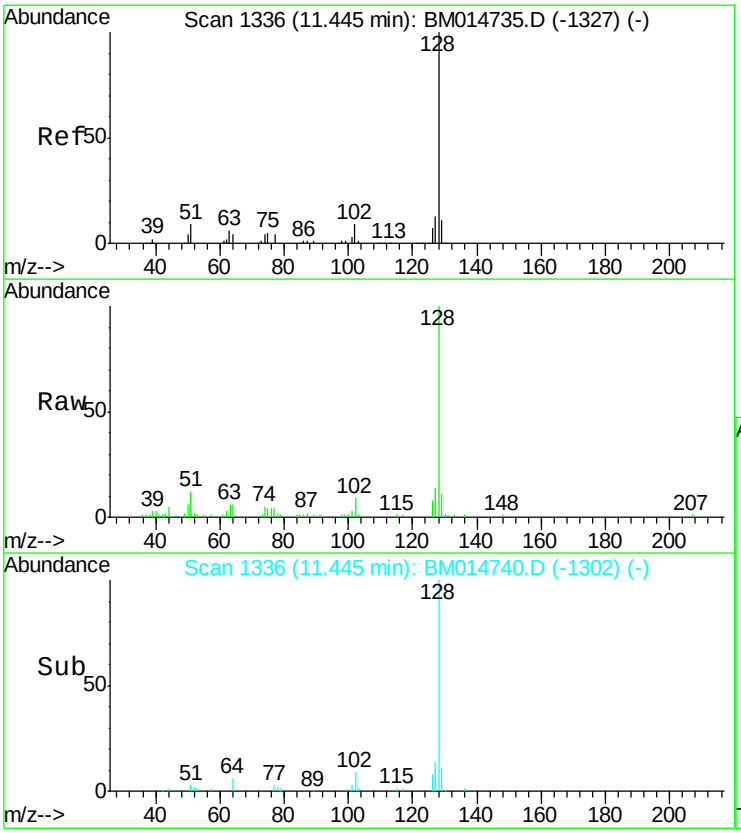
#15
N-Nitroso-di-n-propylamine
Concen: 38.986 ng/ul
RT: 9.35 min Scan# 980
Delta R.T. -0.01 min
Lab File: BM014740.D
Acq: 19 Apr 2018 19:05

Instrument :
BNA_M
ClientSampleId :
ESSM4MSD

Tgt Ion: 70 Resp: 557034

Ion	Ratio	Lower	Upper
70	100		
42	72.7	76.0	114.0#
101	9.3	6.7	10.1
130	20.5	14.6	22.0

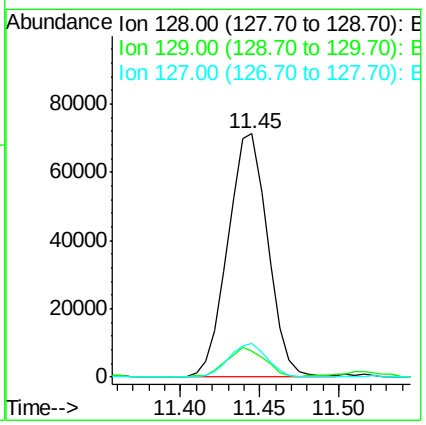


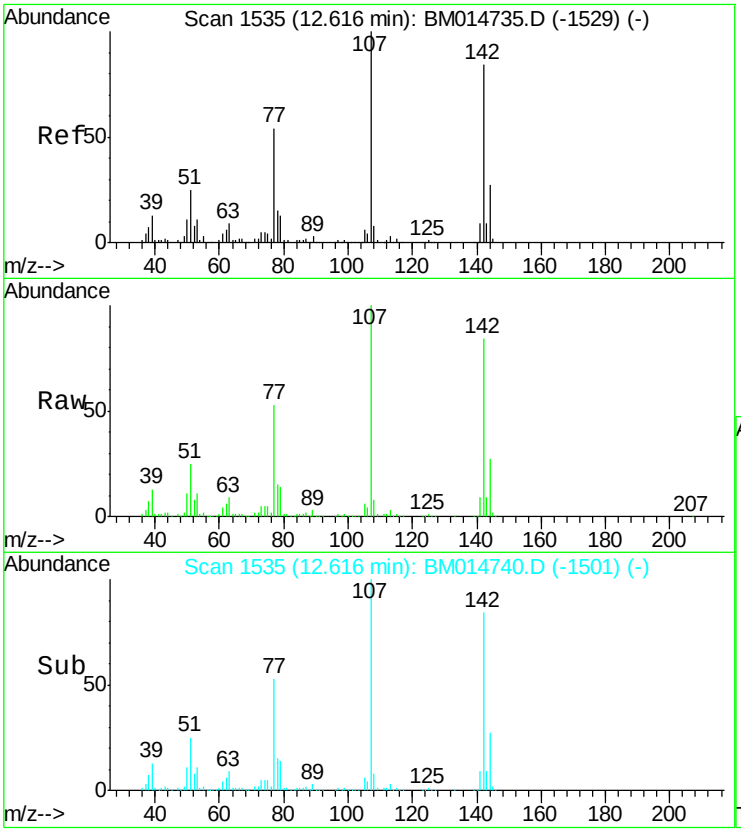


#28
Naphthalene
Concen: 2.026 ng/ul
RT: 11.45 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BM014740.D
Acq: 19 Apr 2018 19:05

Tgt Ion:128 Resp: 124929

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.8	13.2
127	13.9	10.6	16.0



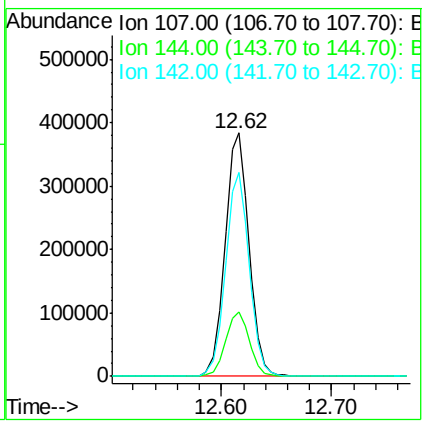


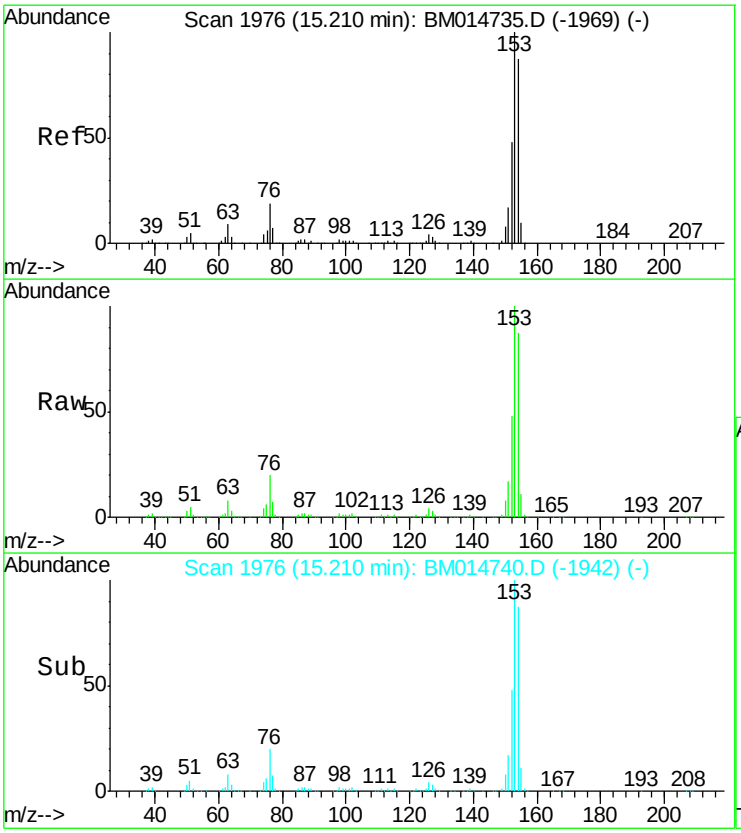
#33
4-Chloro-3-methylphenol
Concen: 32.604 ng/ul
RT: 12.62 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BM014740.D
Acq: 19 Apr 2018 19:05

Instrument :
BNA_M
ClientSampleId :
ESSM4MSD

Tgt Ion:107 Resp: 582840

Ion	Ratio	Lower	Upper
107	100		
144	26.6	20.4	30.6
142	83.9	60.5	90.7

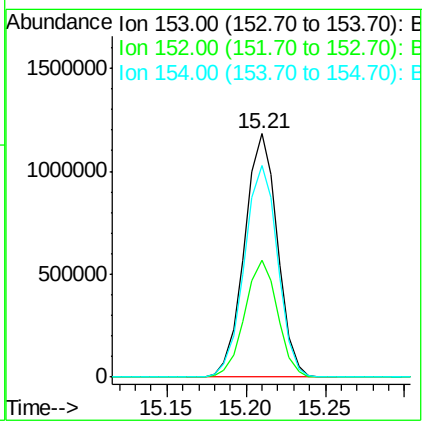


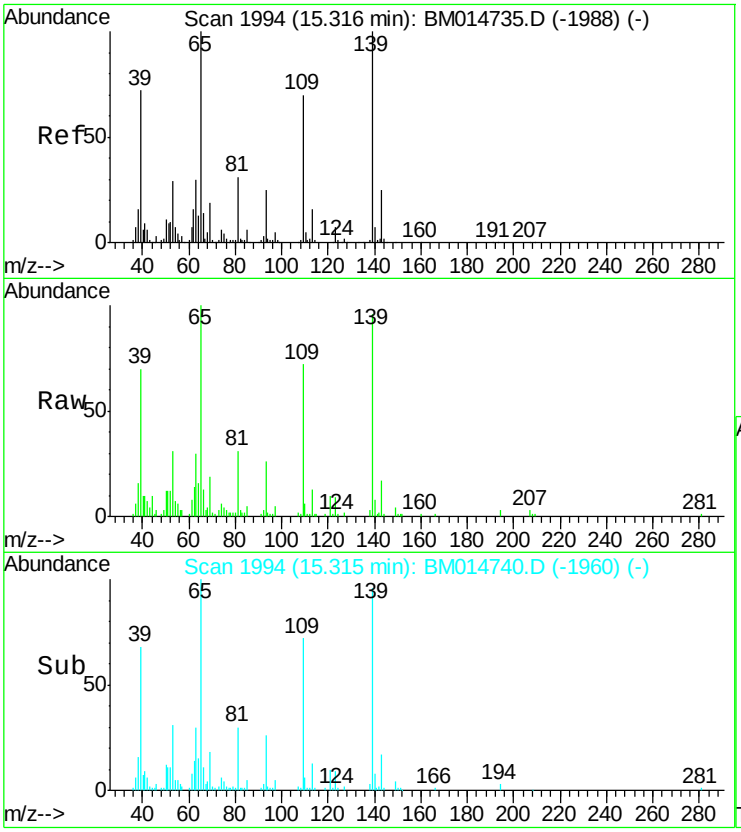


#49
Acenaphthene
Concen: 37.532 ng/ul
RT: 15.21 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BM014740.D
Acq: 19 Apr 2018 19:05

Tgt Ion:153 Resp: 1711519

Ion	Ratio	Lower	Upper
153	100		
152	47.9	37.6	56.4
154	87.2	70.4	105.6



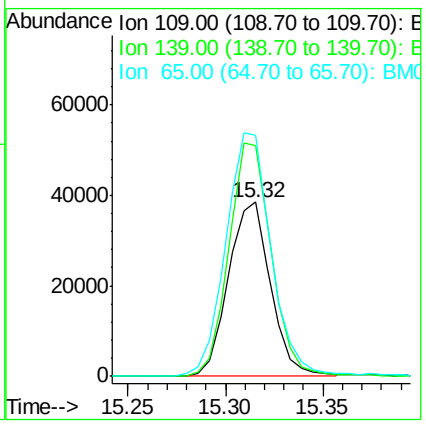


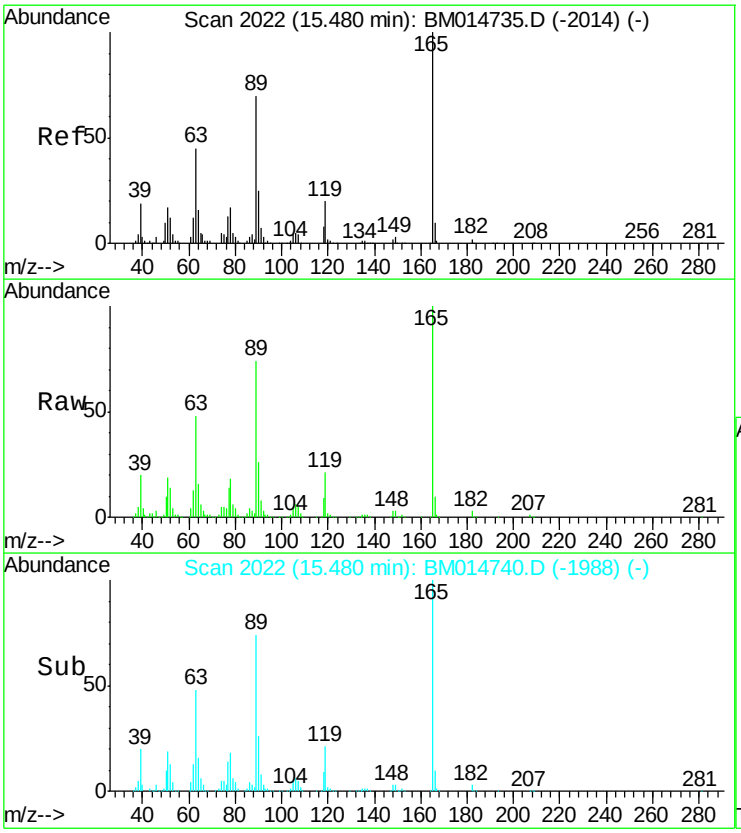
#52
4-Nitrophenol
Concen: 8.012 ng/ul
RT: 15.32 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BM014740.D
Acq: 19 Apr 2018 19:05

Instrument :
BNA_M
ClientSampleId :
ESSM4MSD

Tgt Ion:109 Resp: 57477

Ion	Ratio	Lower	Upper
109	100		
139	133.0	80.0	120.0#
65	138.5	120.0	180.0

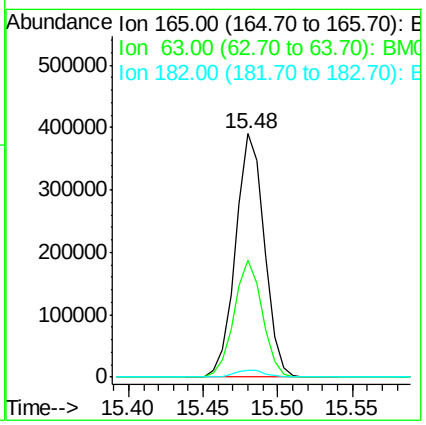


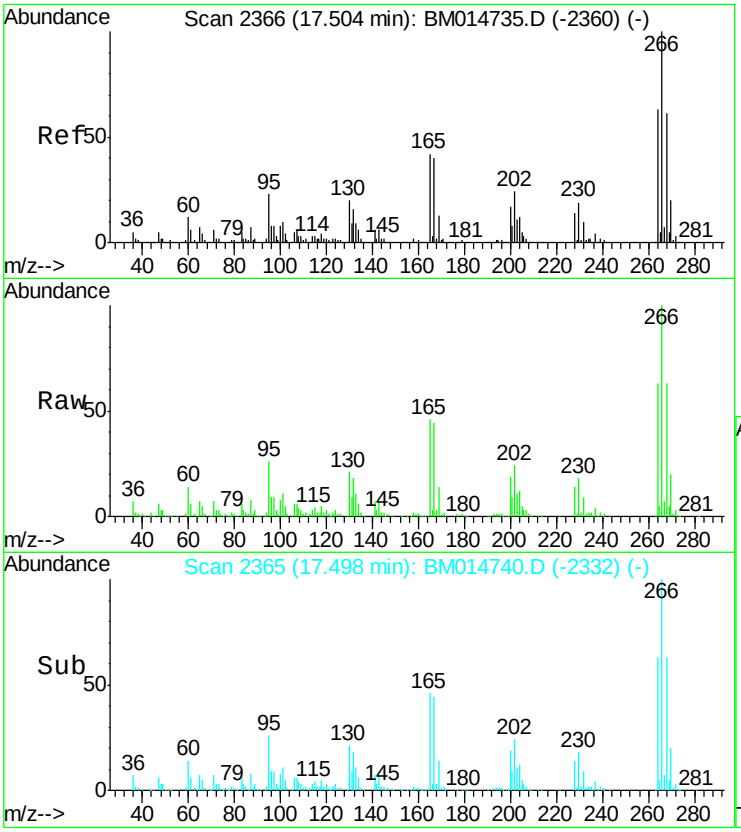


#54
2,4-Dinitrotoluene
Concen: 37.181 ng/ul
RT: 15.48 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BM014740.D
Acq: 19 Apr 2018 19:05

Tgt Ion:165 Resp: 520949

Ion	Ratio	Lower	Upper
165	100		
63	48.1	45.8	68.8
182	2.7	2.6	4.0



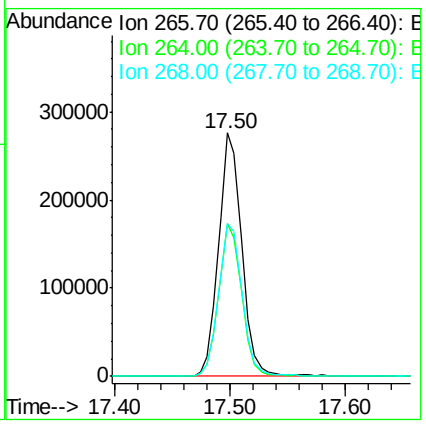


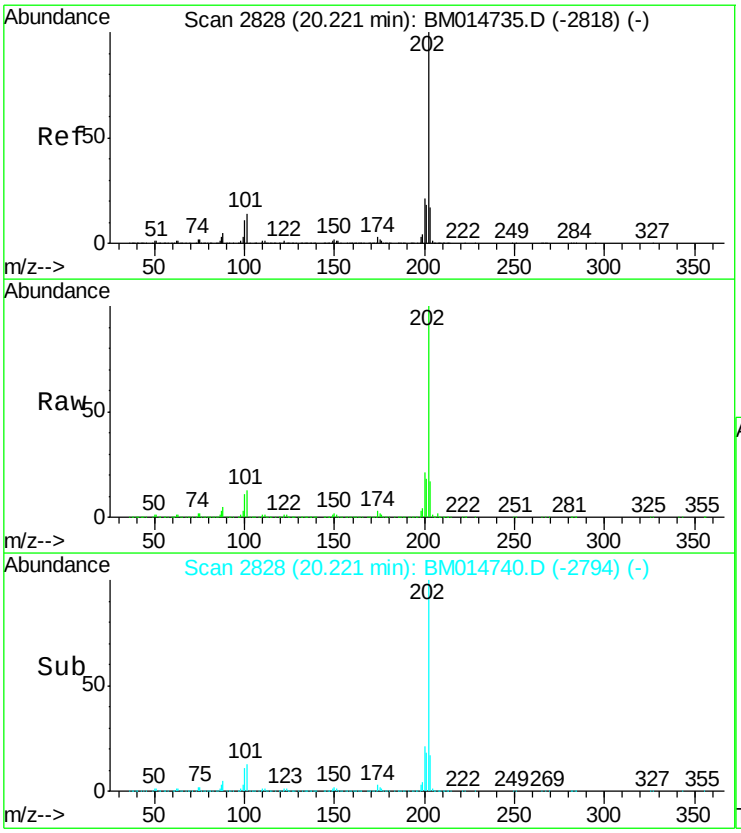
#68
Pentachlorophenol
Concen: 37.265 ng/ul
RT: 17.50 min Scan# 2365
Delta R.T. -0.01 min
Lab File: BM014740.D
Acq: 19 Apr 2018 19:05

Instrument :
BNA_M
ClientSampleId :
ESSM4MSD

Tgt Ion:266 Resp: 383907

Ion	Ratio	Lower	Upper
266	100		
264	62.8	49.3	73.9
268	62.7	52.6	78.8





#77
Pyrene
Concen: 40.908 ng/ul
RT: 20.22 min Scan# 2828
Delta R.T. -0.00 min
Lab File: BM014740.D
Acq: 19 Apr 2018 19:05

Tgt Ion:202 Resp: 3542036

Ion	Ratio	Lower	Upper
202	100		
101	13.3	5.1	7.7#
100	11.0	4.9	7.3#