Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM025006.D
Acq On : 22 Feb 2020 02:46
Operator : CG/JU
Sample : L1507-03MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBD01MSD

Quant Time: Feb 22 05:48:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 22 05:40:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	164830	20.00	ng/ul	0.00
18) Naphthalene-d8	10.09	136	645509	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.99	164	426371	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.75	188	972113	20.00	ng/ul	0.00
78) Chrysene-d12	20.96	240	1046630	20.00	ng/ul	0.00
86) Perylene-d12	23.04	264	1285277	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.94	96	26917	7.85	ng/uL	0.00
5) Phenol-d5	6.54	99	436411	39.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.69	67	267924	43.32	ng/ul	0.00
9) 2-Chlorophenol-d4	6.88	132	370228	37.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.06	113	345614	37.41	ng/ul	0.00
19) Nitrobenzene-d5	8.47	128	178401	38.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.19	143	202718	36.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.73	165	381301	34.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.24	131	422272	40.57	ng/ul	0.00
44) Dimethylphthalate-d6	13.42	166	1228914	38.18	ng/ul	0.00
47) Acenaphthylene-d8	13.68	160	1466704	39.02	ng/ul	0.00
52) 4-Nitrophenol-d4	14.23	143	162872	31.14	ng/ul	0.00
58) Fluorene-d10	15.00	176	1107464	38.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	179085	28.26	ng/ul	0.00
71) Anthracene-d10	16.85	188	1700237	38.31	ng/ul	0.00
79) Pyrene-d10	19.16	212	2091532	39.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.91	264	2497946	38.70	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.56	94	496294	43.060	ng/ul	94
10) 2-Chlorophenol	6.91	128	393123	39.305	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.15	70	331588	48.183	ng/ul#	82
33) 4-Chloro-3-methylphenol	11.40	107	394459	38.689	ng/ul	98
45) Dimethylphthalate	13.47	163	136904	4.078	ng/ul	98
50) Acenaphthene	14.06	153	1033388	39.304	ng/ul	97
53) 4-Nitrophenol	14.24	109	150873	35.323	ng/ul	93
55) 2,4-Dinitrotoluene	14.38	165	364583	37.627	ng/ul	99
69) Pentachlorophenol	16.41	266	290675	33.744	ng/ul	98
80) Pyrene	19.19	202	2719379	39.252	ng/ul	96

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

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Misc :
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Instrument :
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ClientSampleId :
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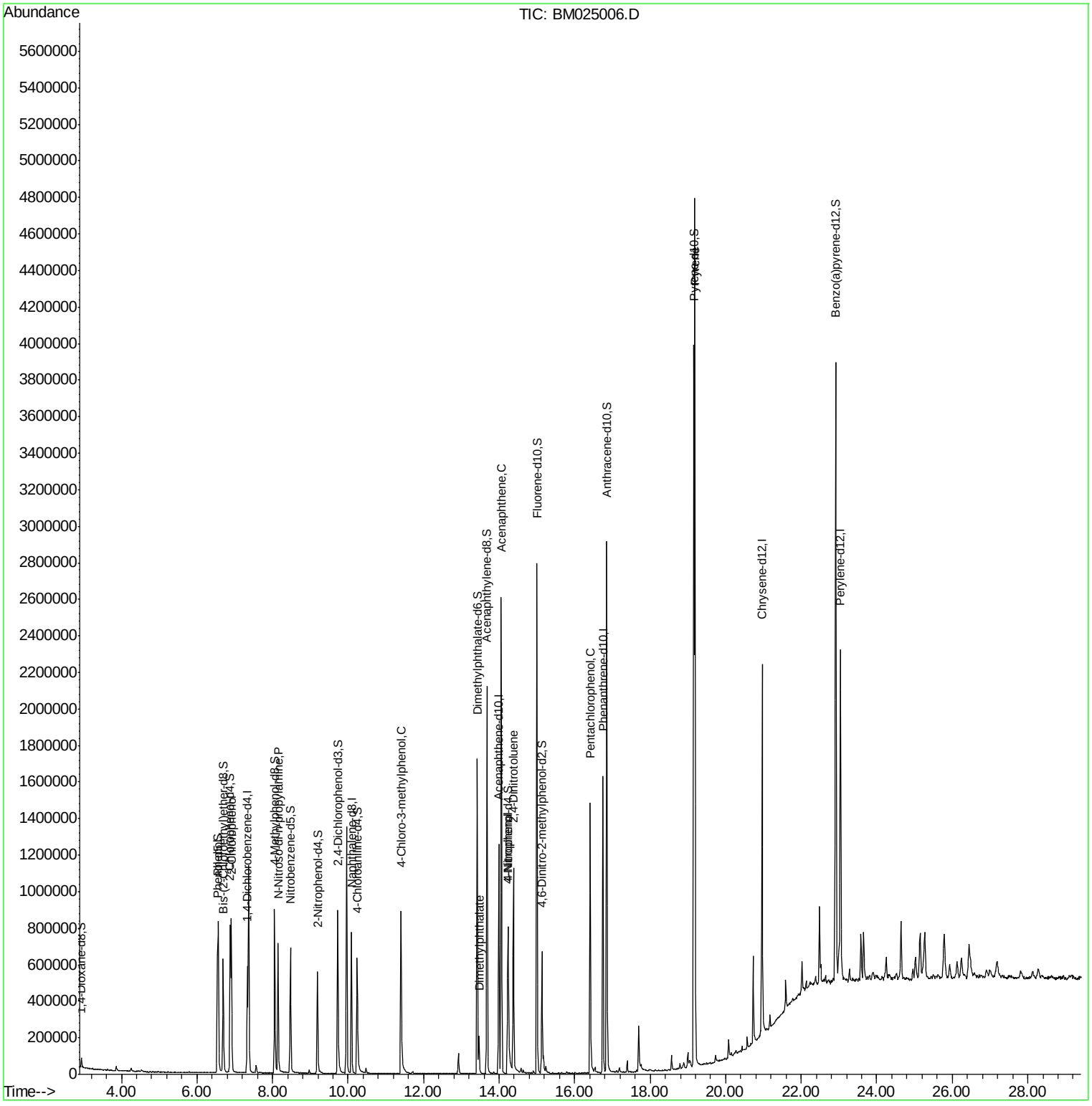
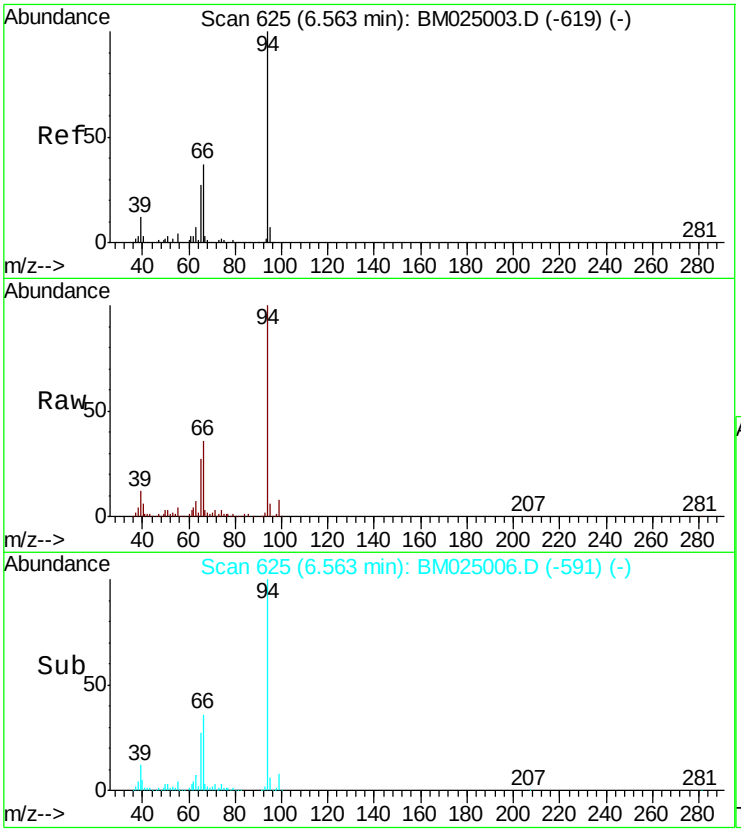


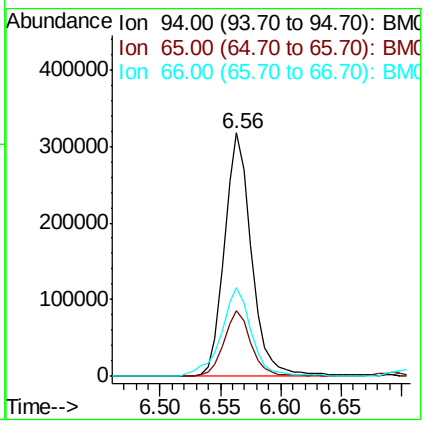


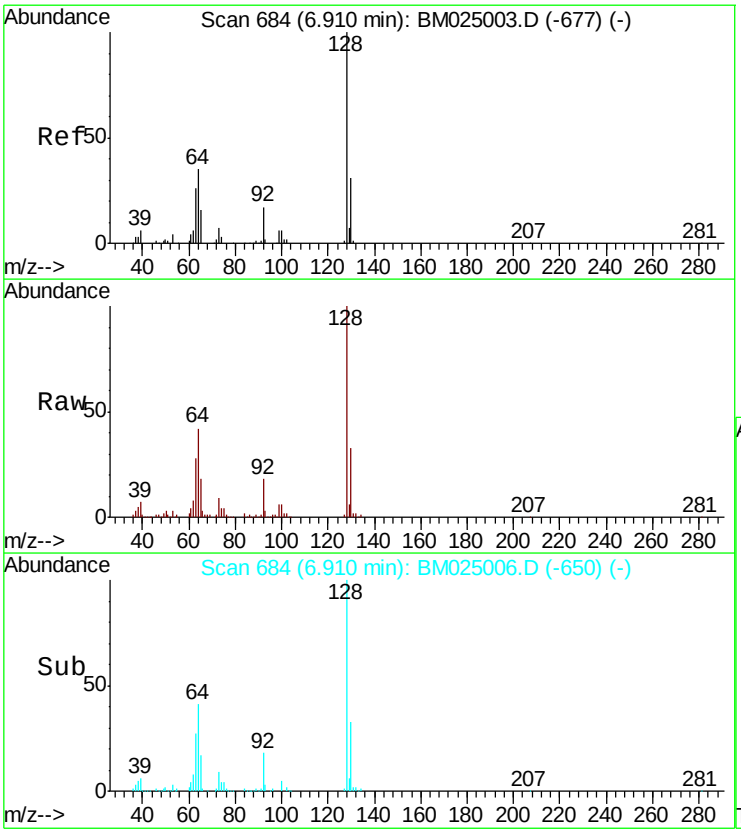
#6
Phenol
Concen: 43.060 ng/ul
RT: 6.56 min Scan# 625
Delta R.T. 0.00 min
Lab File: BM025006.D
Acq: 22 Feb 2020 02:46

Instrument :
BNA_M
ClientSampleId :
DBD01MSD

Tgt Ion: 94 Resp: 496294

Ion	Ratio	Lower	Upper
94	100		
65	26.7	22.6	34.0
66	36.2	33.0	49.4

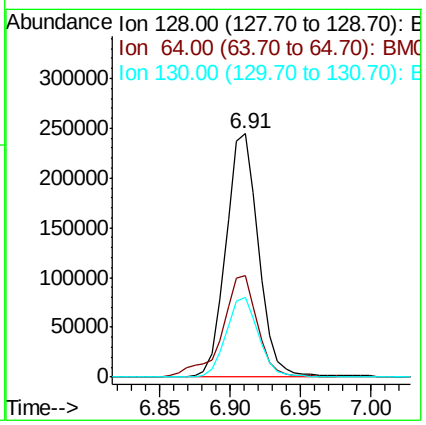


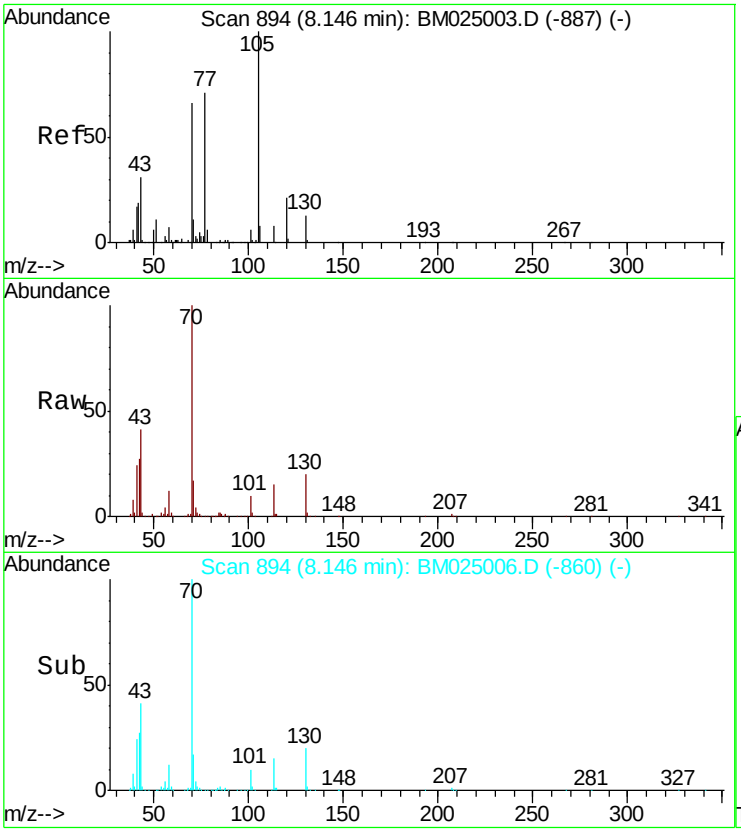


#10
2-Chlorophenol
Concen: 39.305 ng/ul
RT: 6.91 min Scan# 684
Delta R.T. 0.00 min
Lab File: BM025006.D
Acq: 22 Feb 2020 02:46

Tgt Ion:128 Resp: 393123

Ion	Ratio	Lower	Upper
128	100		
64	41.6	31.1	46.7
130	32.8	26.1	39.1



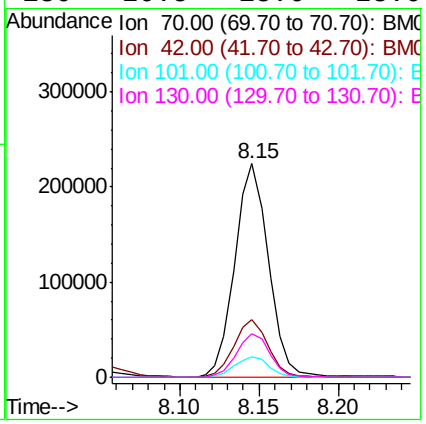


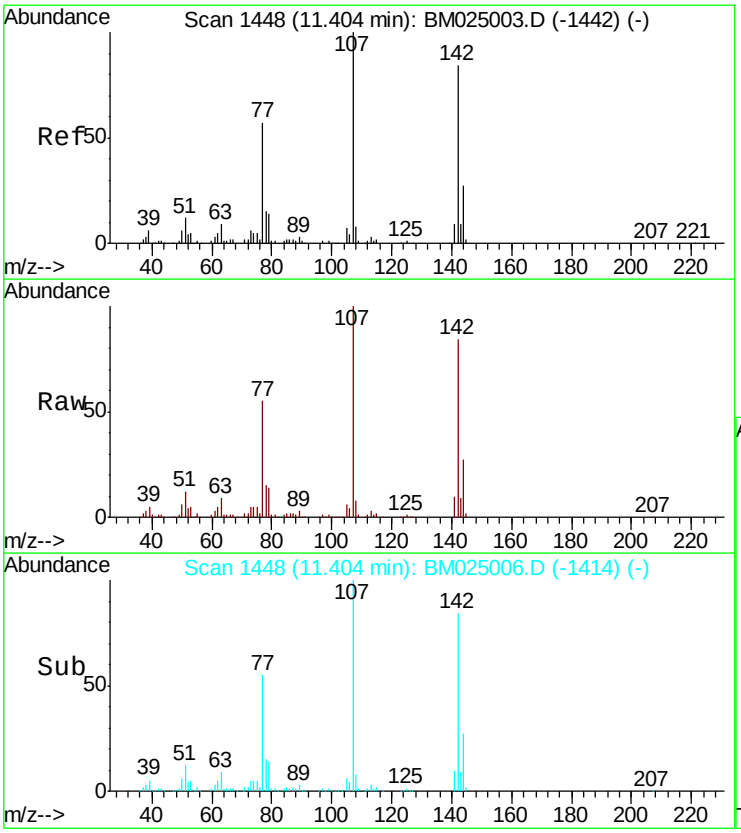
#15
N-Nitroso-di-n-propylamine
Concen: 48.183 ng/ul
RT: 8.15 min Scan# 894
Delta R.T. 0.00 min
Lab File: BM025006.D
Acq: 22 Feb 2020 02:46

Instrument :
BNA_M
ClientSampleId :
DBD01MSD

Tgt Ion: 70 Resp: 331588

Ion	Ratio	Lower	Upper
70	100		
42	26.7	35.6	53.4#
101	9.6	8.6	13.0
130	20.5	18.6	28.0

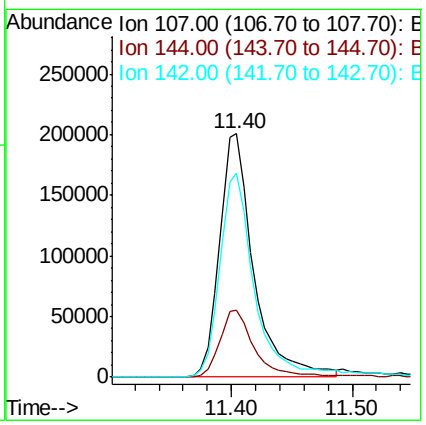


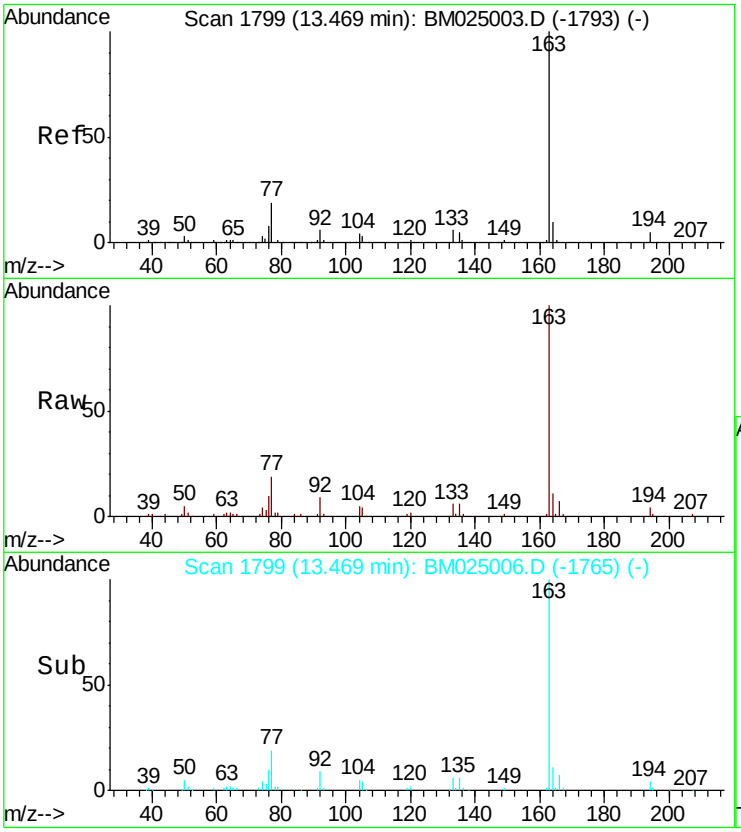


#33
4-Chloro-3-methylphenol
Concen: 38.689 ng/ul
RT: 11.40 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BM025006.D
Acq: 22 Feb 2020 02:46

Tgt Ion:107 Resp: 394459

Ion	Ratio	Lower	Upper
107	100		
144	27.5	22.8	34.2
142	83.6	68.2	102.2



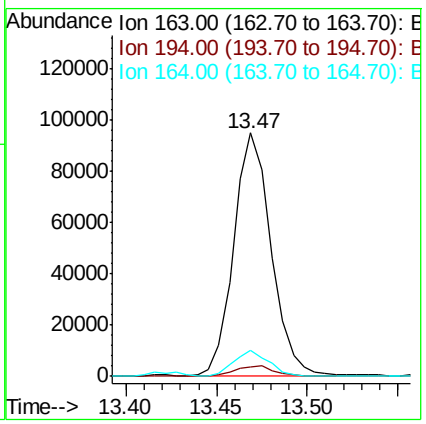


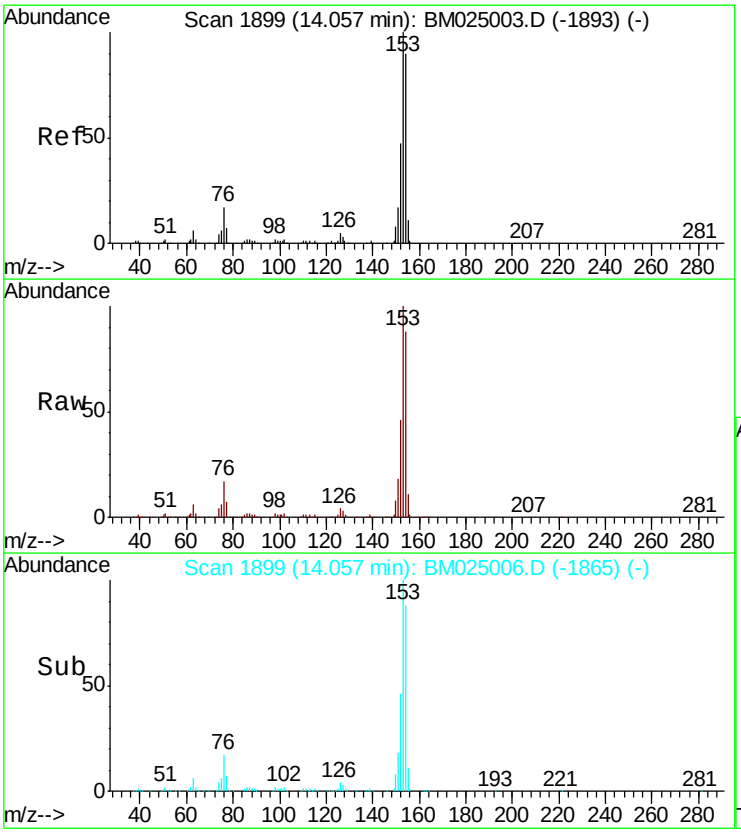
#45
Dimethylphthalate
Concen: 4.078 ng/ul
RT: 13.47 min Scan# 1799
Delta R.T. 0.00 min
Lab File: BM025006.D
Acq: 22 Feb 2020 02:46

Instrument :
BNA_M
ClientSampleId :
DBD01MSD

Tgt Ion:163 Resp: 136904

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	10.8	8.2	12.2

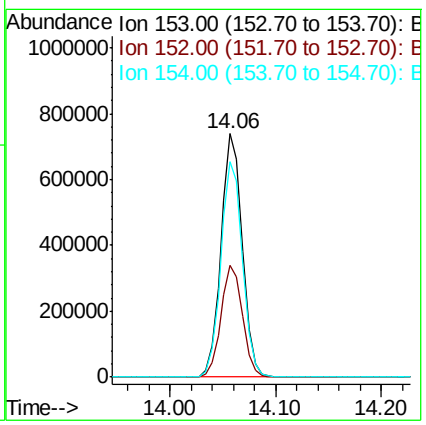


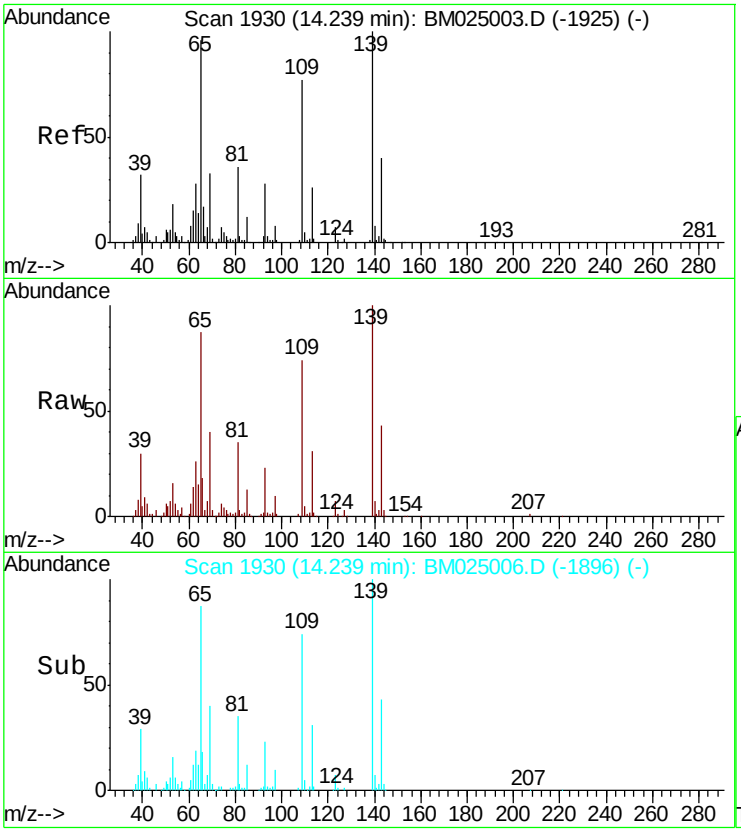


#50
Acenaphthene
Concen: 39.304 ng/ul
RT: 14.06 min Scan# 1899
Delta R.T. 0.00 min
Lab File: BM025006.D
Acq: 22 Feb 2020 02:46

Tgt Ion:153 Resp: 1033388

Ion	Ratio	Lower	Upper
153	100		
152	45.8	37.3	55.9
154	88.3	74.1	111.1



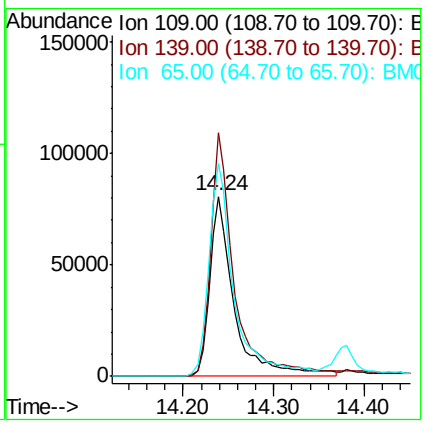


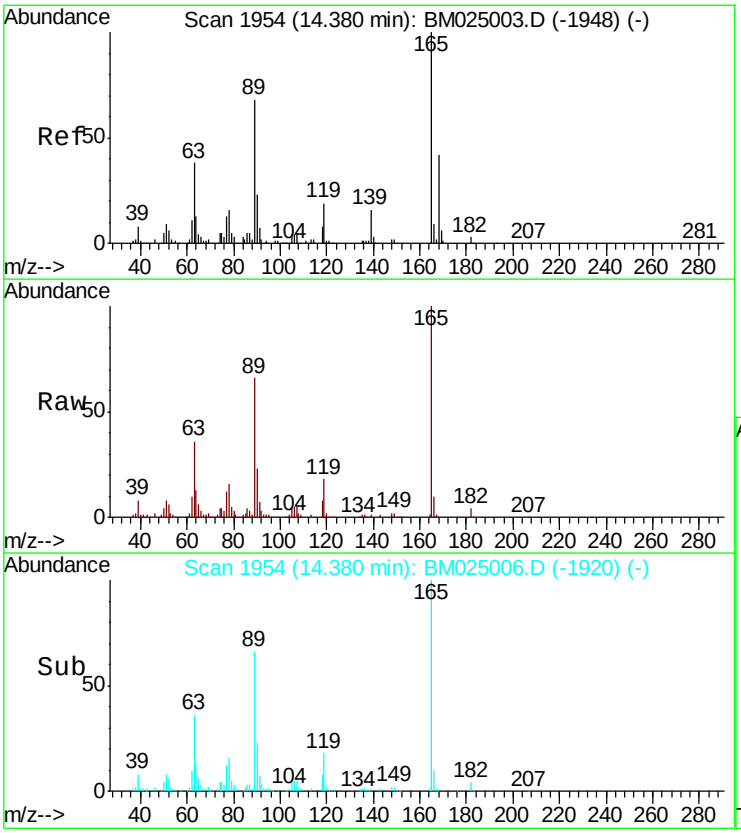
#53
4-Nitrophenol
Concen: 35.323 ng/ul
RT: 14.24 min Scan# 1930
Delta R.T. 0.00 min
Lab File: BM025006.D
Acq: 22 Feb 2020 02:46

Instrument :
BNA_M
ClientSampleId :
DBD01MSD

Tgt Ion:109 Resp: 150873

Ion	Ratio	Lower	Upper
109	100		
139	135.3	103.8	155.8
65	118.2	87.0	130.4

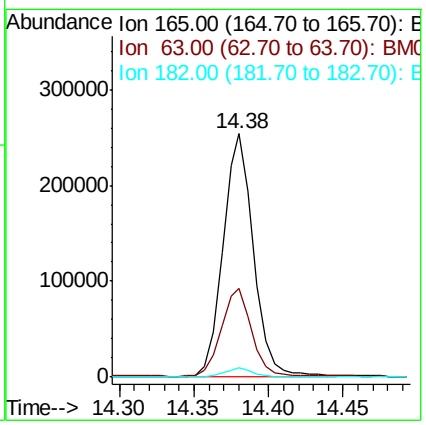


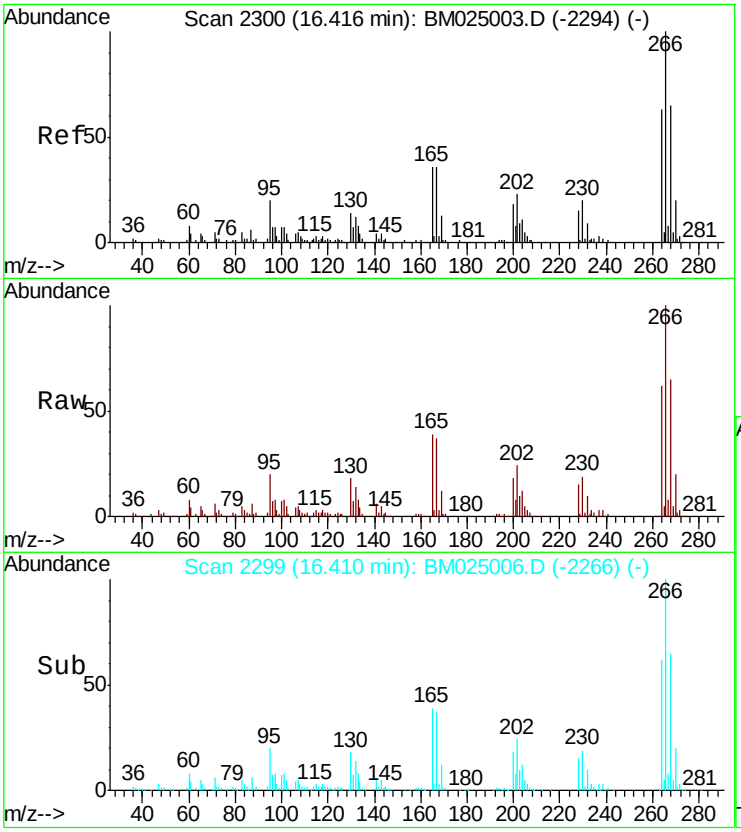


#55
2,4-Dinitrotoluene
Concen: 37.627 ng/ul
RT: 14.38 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BM025006.D
Acq: 22 Feb 2020 02:46

Tgt Ion:165 Resp: 364583

Ion	Ratio	Lower	Upper
165	100		
63	36.5	29.0	43.4
182	3.7	2.7	4.1



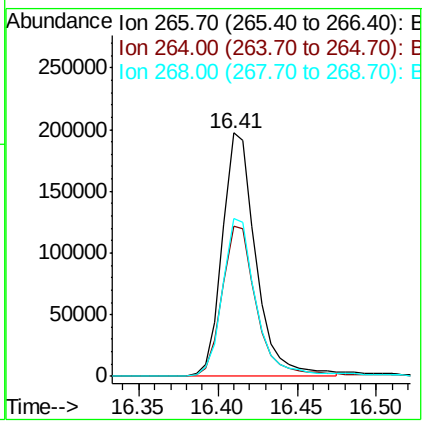


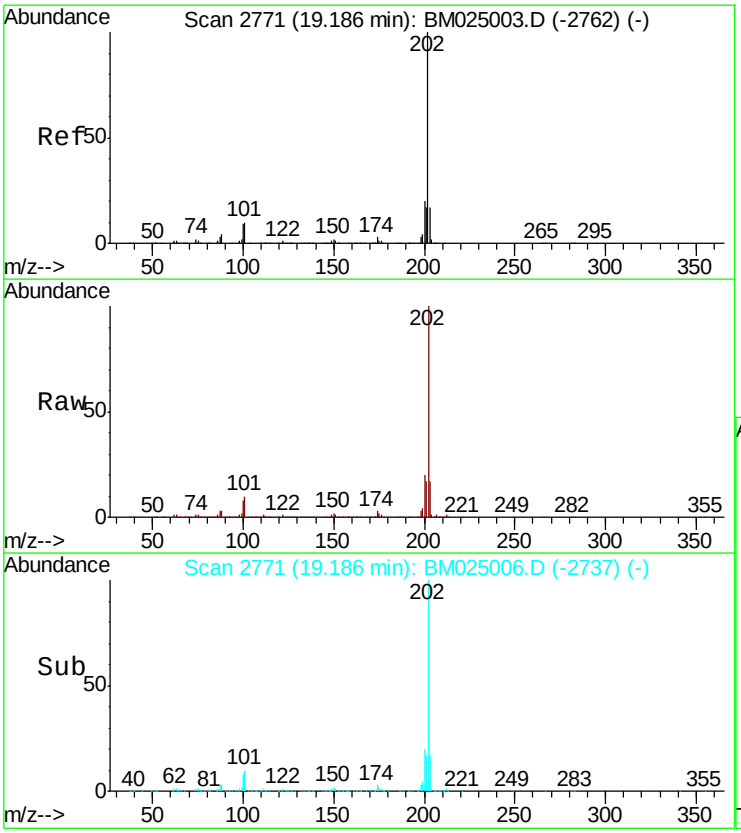
#69
Pentachlorophenol
Concen: 33.744 ng/ul
RT: 16.41 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BM025006.D
Acq: 22 Feb 2020 02:46

Instrument :
BNA_M
ClientSampleId :
DBD01MSD

Tgt Ion:266 Resp: 290675

Ion	Ratio	Lower	Upper
266	100		
264	61.8	50.0	75.0
268	64.9	50.4	75.6





#80
Pyrene
Concen: 39.252 ng/ul
RT: 19.19 min Scan# 2771
Delta R.T. 0.00 min
Lab File: BM025006.D
Acq: 22 Feb 2020 02:46

Tgt Ion:202 Resp: 2719379

Ion	Ratio	Lower	Upper
202	100		
101	10.3	7.0	10.4
100	8.2	5.8	8.8