Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091718\
Data File : BM016779.D
Acq On : 17 Sep 2018 22:04
Operator : SJ/JU
Sample : J4874-24MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Sep 18 01:29:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 18 01:29:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	232583	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	947739	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	492308	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1082107	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	1165780	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	1255897	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	34518	6.35	ng/uL	0.00
5) Phenol-d5	6.90	99	203289	10.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	465106	38.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	542604	33.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	341585	22.50	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	293202	47.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	271378	47.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	542295	37.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	48934	2.82	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	1714533	43.37	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	2185151	42.80	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	61957	9.55	ng/ul	0.00
58) Fluorene-d10	15.36	176	1557035	45.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	184122	41.45	ng/ul	0.00
71) Anthracene-d10	17.22	188	2382307	45.63	ng/ul	0.00
79) Pyrene-d10	19.51	212	2638480	46.64	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	3013296	46.00	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.92	94	184527	9.423	ng/ul	98
10) 2-Chlorophenol	7.29	128	473111	29.420	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.53	70	416043	35.338	ng/ul	93
33) 4-Chloro-3-methylphenol	11.79	107	438668	30.279	ng/ul	94
46) 2,6-Dinitrotoluene	13.79	165	12215	2.059	ng/ul#	43
50) Acenaphthene	14.43	153	1327603	38.695	ng/ul	100
53) 4-Nitrophenol	14.57	109	47973	9.596	ng/ul#	79
55) 2,4-Dinitrotoluene	14.73	165	378828	43.417	ng/ul	95
69) Pentachlorophenol	16.76	266	271874	38.157	ng/ul	97
80) Pyrene	19.54	202	3038124	42.443	ng/ul#	89

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

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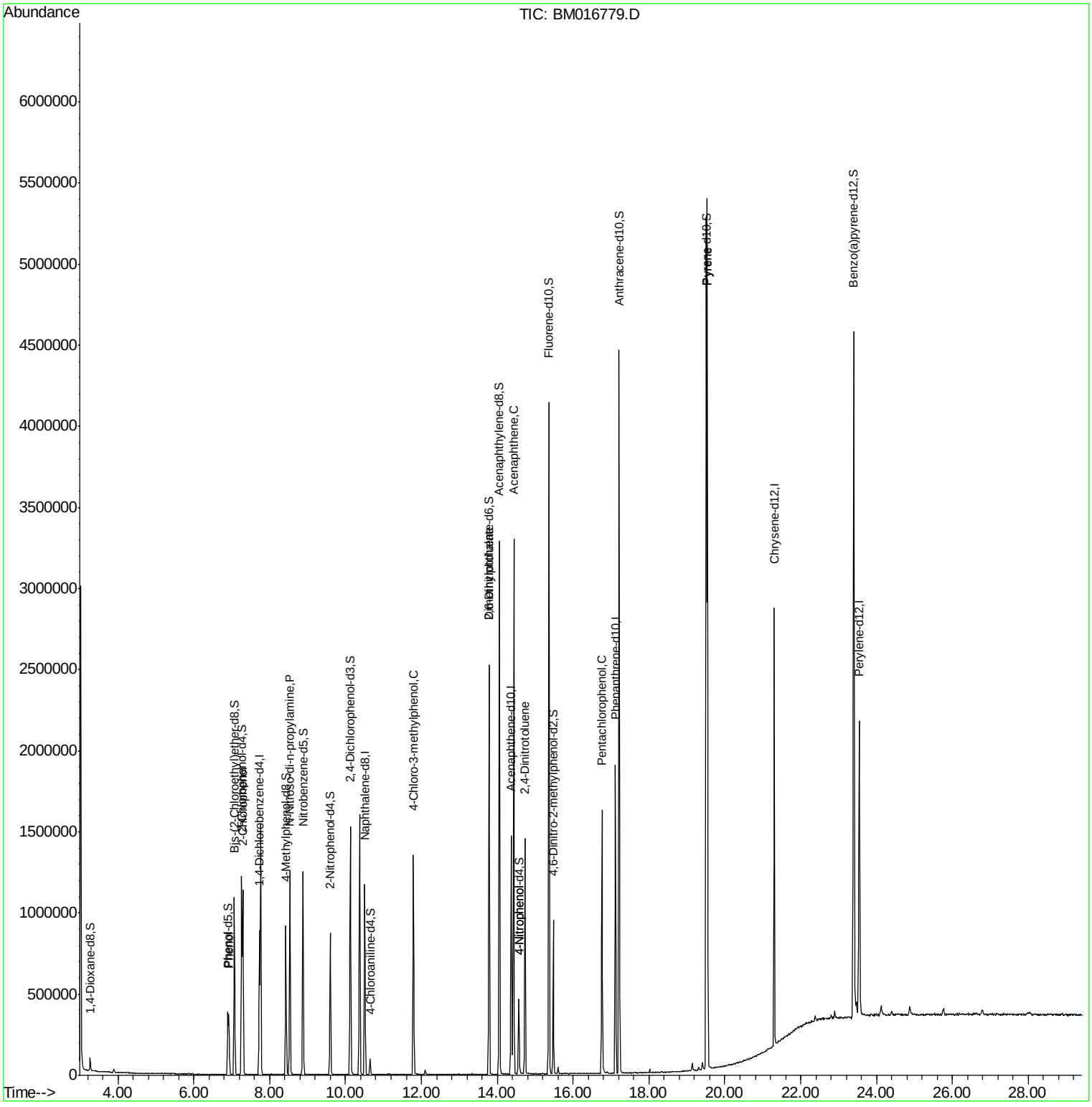
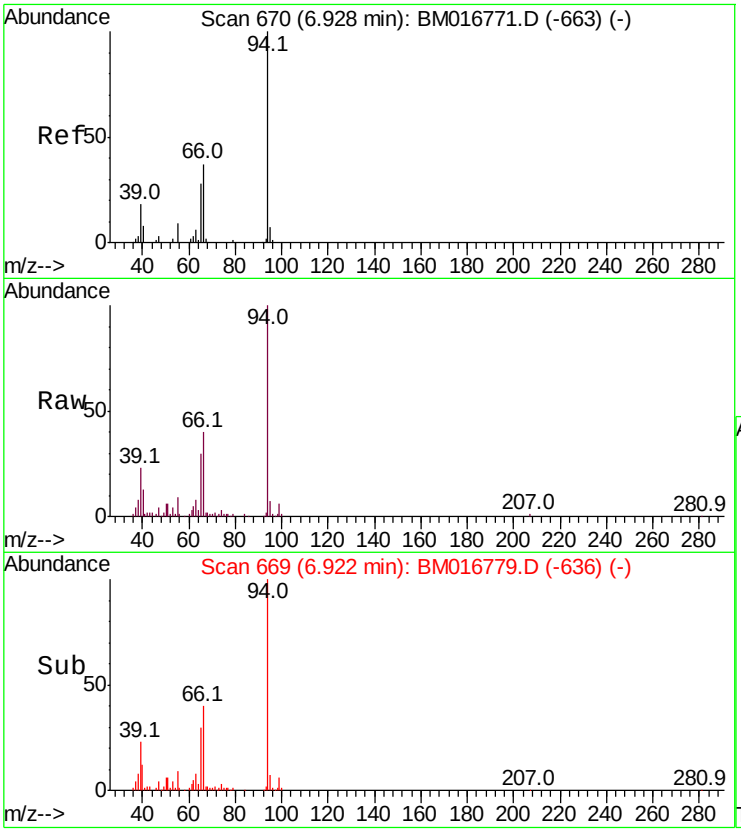


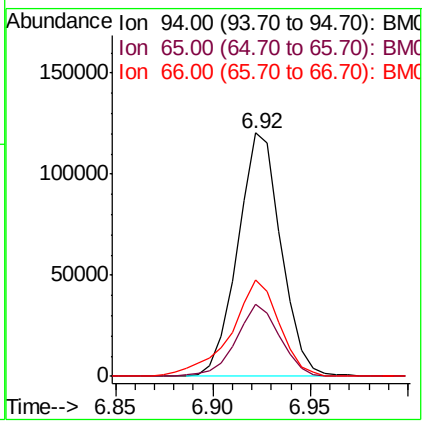


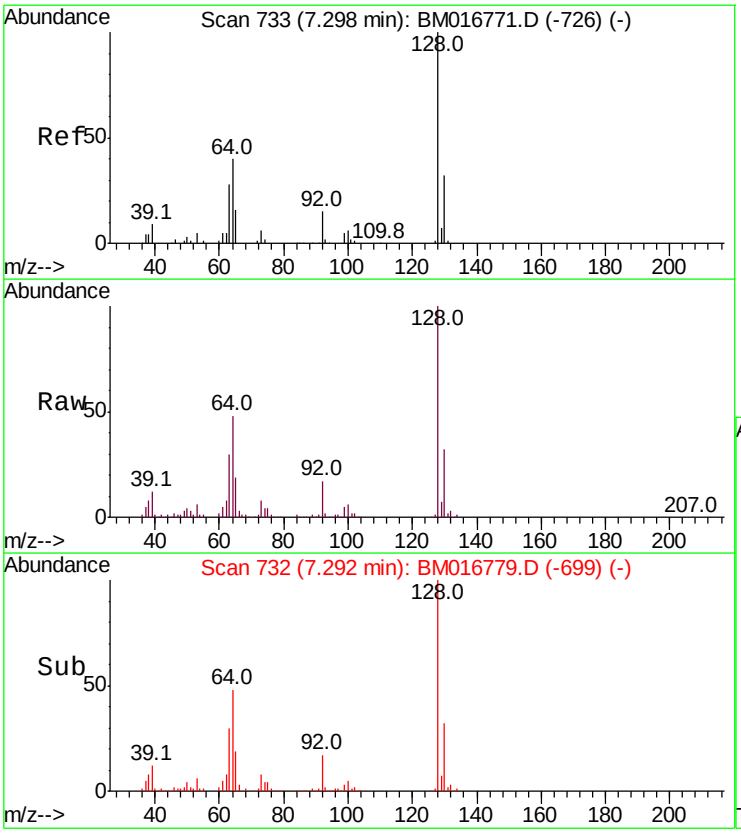
#6
Phenol
Concen: 9.423 ng/ul
RT: 6.92 min Scan# 669
Delta R.T. -0.01 min
Lab File: BM016779.D
Acq: 17 Sep 2018 22:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 184527

Ion	Ratio	Lower	Upper
94	100		
65	29.6	23.0	34.6
66	39.8	30.4	45.6

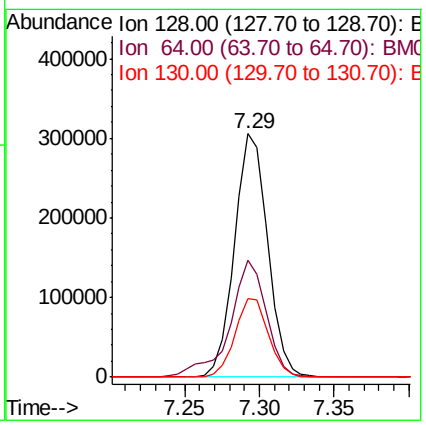


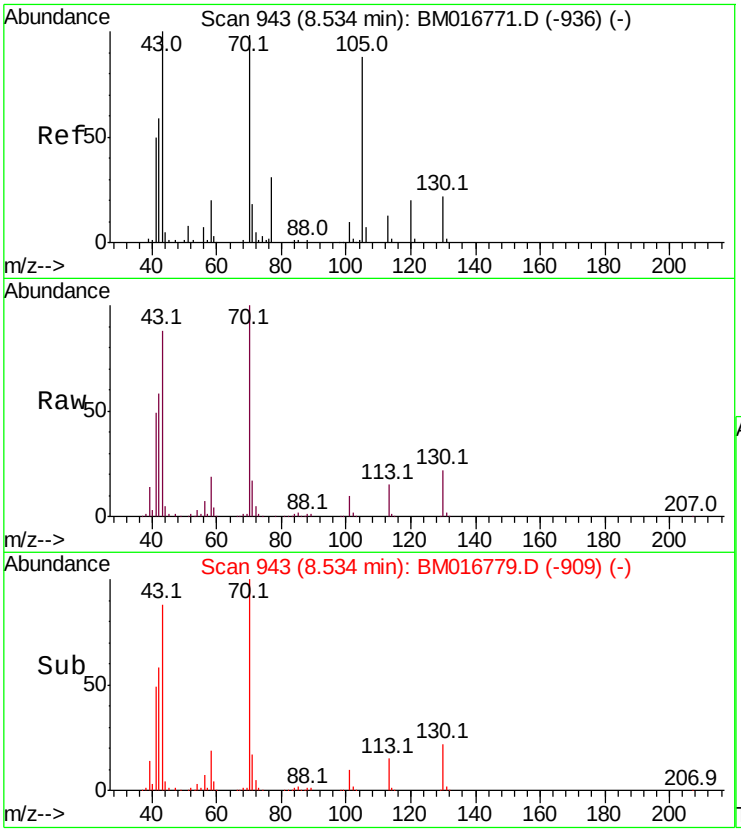


#10
2-Chlorophenol
Concen: 29.420 ng/ul
RT: 7.29 min Scan# 732
Delta R.T. -0.01 min
Lab File: BM016779.D
Acq: 17 Sep 2018 22:04

Tgt Ion:128 Resp: 473111

Ion	Ratio	Lower	Upper
128	100		
64	48.0	39.8	59.6
130	32.0	25.8	38.8



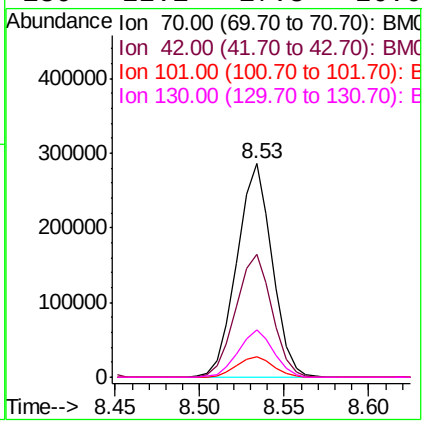


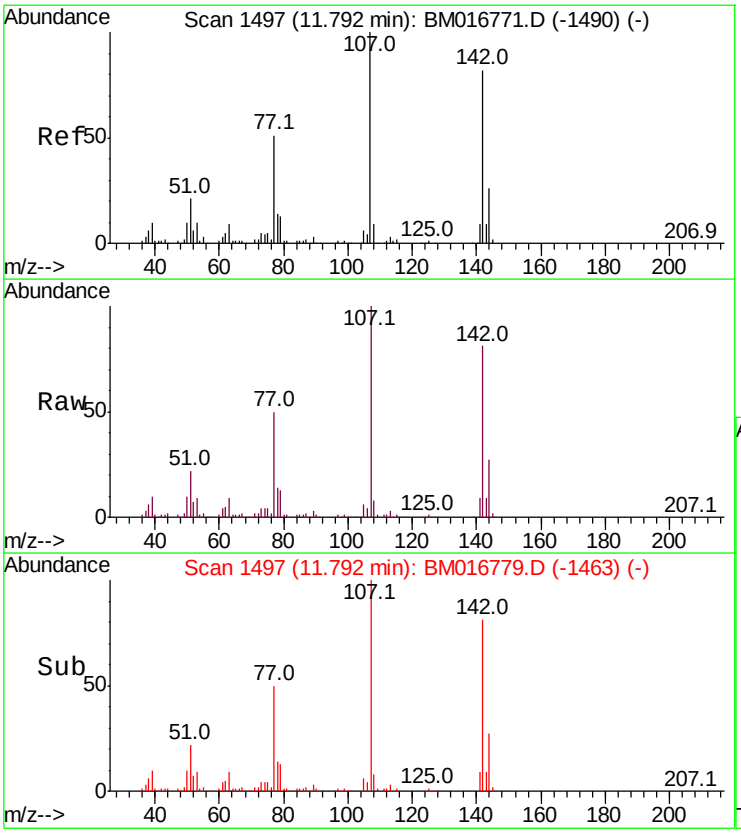
#15
N-Nitroso-di-n-propylamine
Concen: 35.338 ng/ul
RT: 8.53 min Scan# 943
Delta R.T. -0.00 min
Lab File: BM016779.D
Acq: 17 Sep 2018 22:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 70 Resp: 416043

Ion	Ratio	Lower	Upper
70	100		
42	57.5	40.2	60.4
101	9.7	7.7	11.5
130	22.1	17.8	26.6

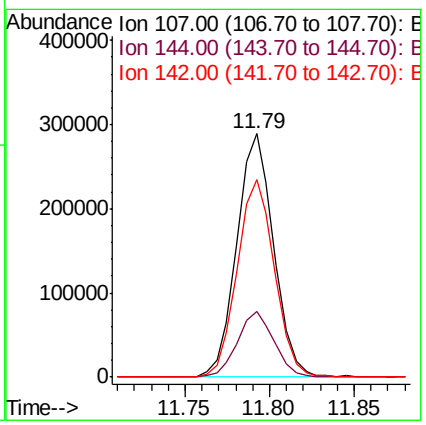


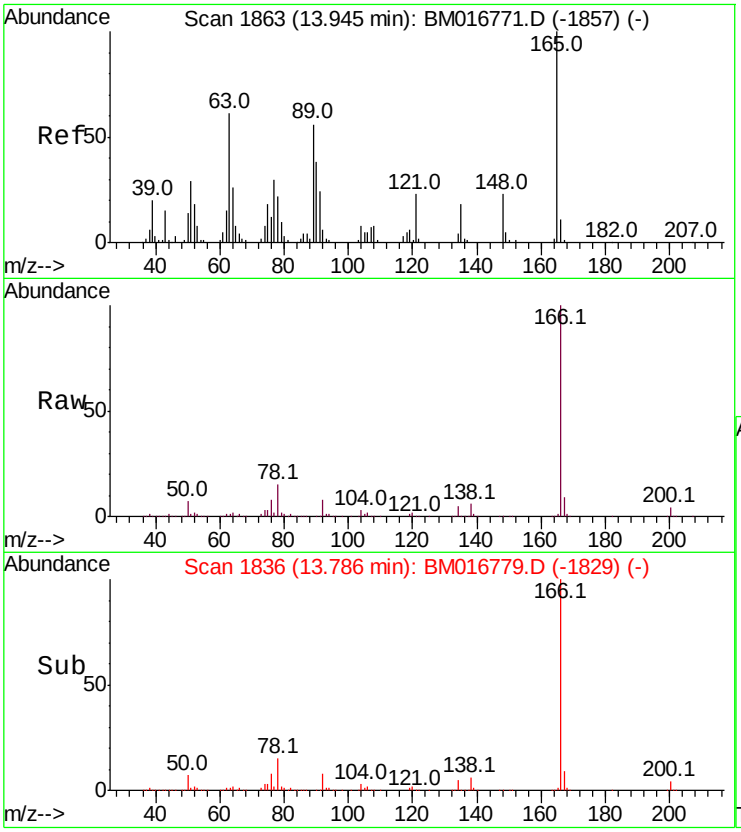


#33
4-Chloro-3-methylphenol
Concen: 30.279 ng/ul
RT: 11.79 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BM016779.D
Acq: 17 Sep 2018 22:04

Tgt Ion:107 Resp: 438668

Ion	Ratio	Lower	Upper
107	100		
144	26.8	21.1	31.7
142	81.4	60.1	90.1



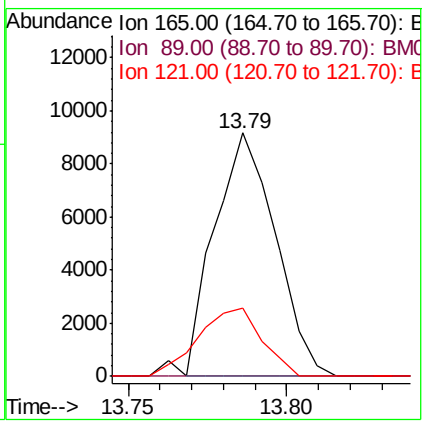


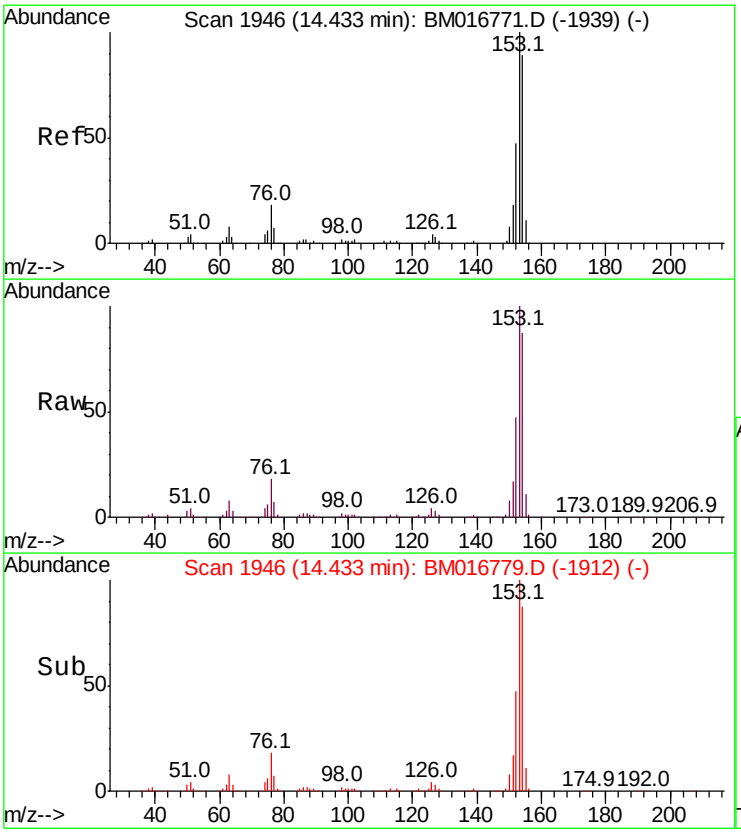
#46
2,6-Dinitrotoluene
Concen: 2.059 ng/ul
RT: 13.79 min Scan# 1836
Delta R.T. -0.16 min
Lab File: BM016779.D
Acq: 17 Sep 2018 22:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:165 Resp: 12215

Ion	Ratio	Lower	Upper
165	100		
89	0.0	43.8	65.8#
121	27.9	17.8	26.6#

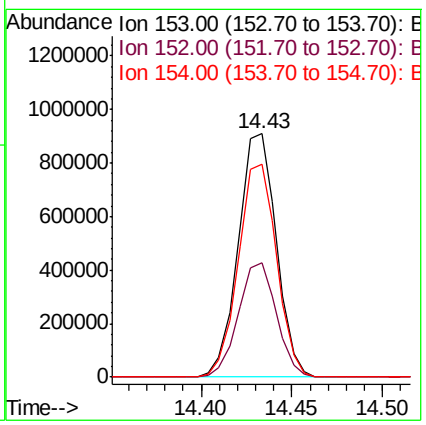


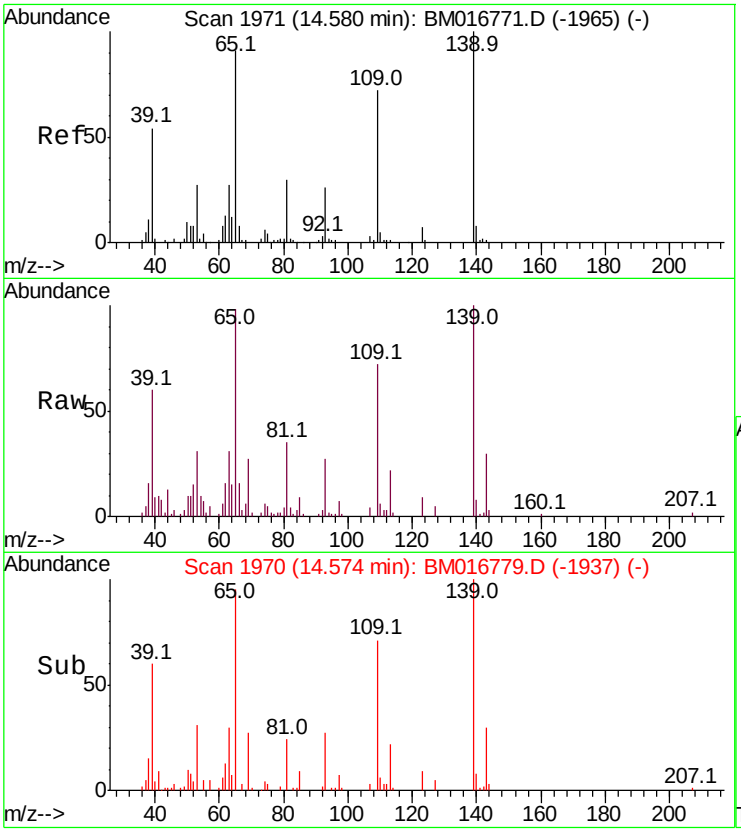


#50
Acenaphthene
Concen: 38.695 ng/ul
RT: 14.43 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BM016779.D
Acq: 17 Sep 2018 22:04

Tgt Ion:153 Resp: 1327603

Ion	Ratio	Lower	Upper
153	100		
152	47.2	37.9	56.9
154	87.3	69.8	104.6



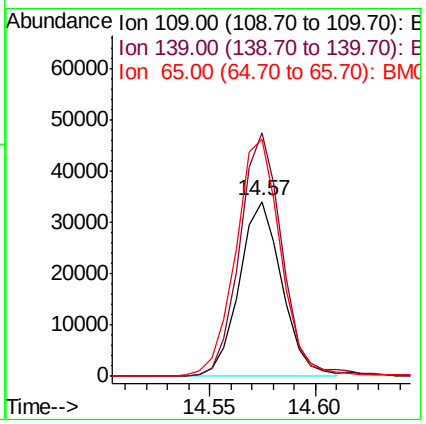


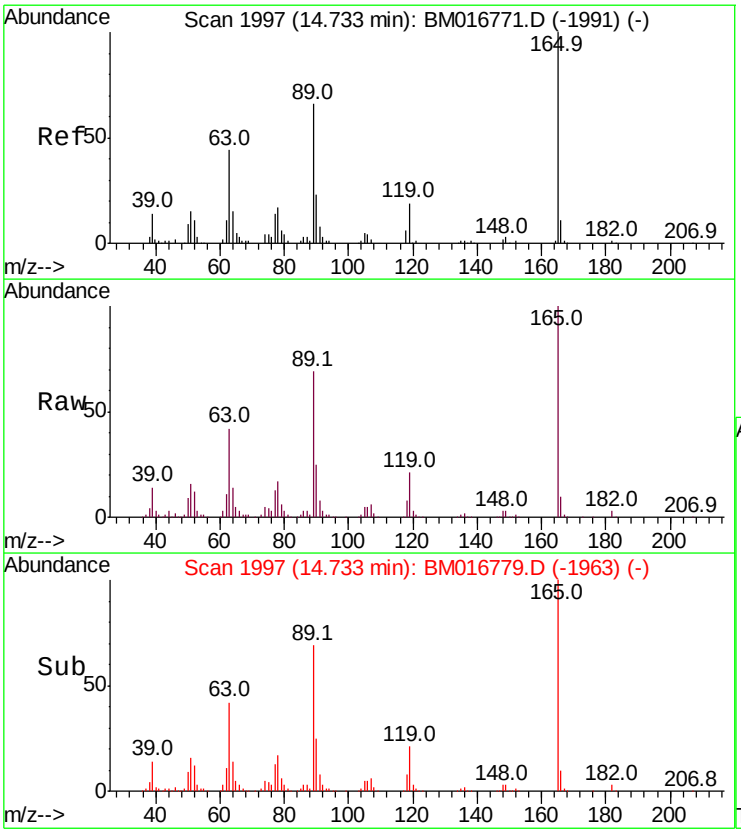
#53
4-Nitrophenol
Concen: 9.596 ng/ul
RT: 14.57 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BM016779.D
Acq: 17 Sep 2018 22:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:109 Resp: 47973

Ion	Ratio	Lower	Upper
109	100		
139	139.2	91.2	136.8#
65	135.8	92.6	139.0

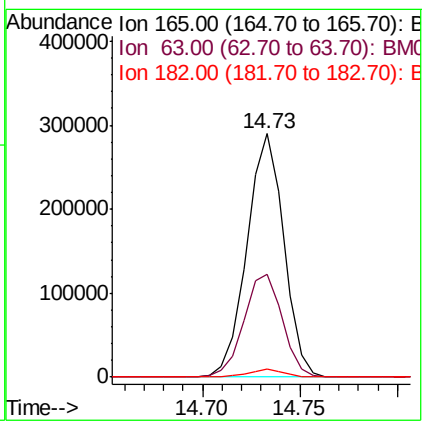


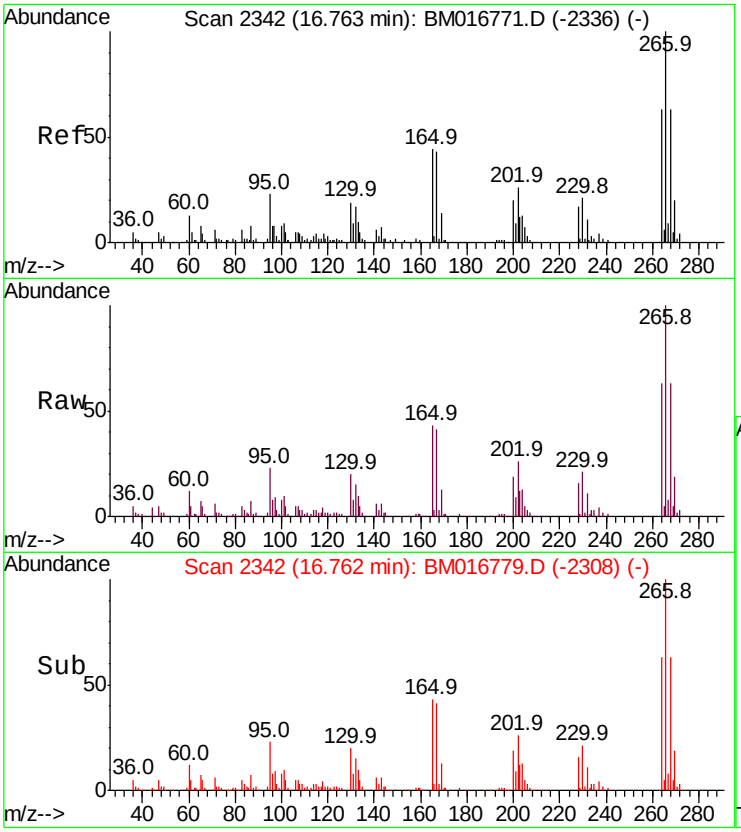


#55
2,4-Dinitrotoluene
Concen: 43.417 ng/ul
RT: 14.73 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BM016779.D
Acq: 17 Sep 2018 22:04

Tgt Ion:165 Resp: 378828

Ion	Ratio	Lower	Upper
165	100		
63	42.5	31.4	47.0
182	3.2	2.7	4.1



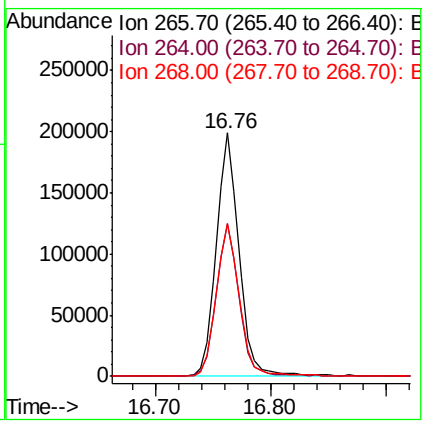


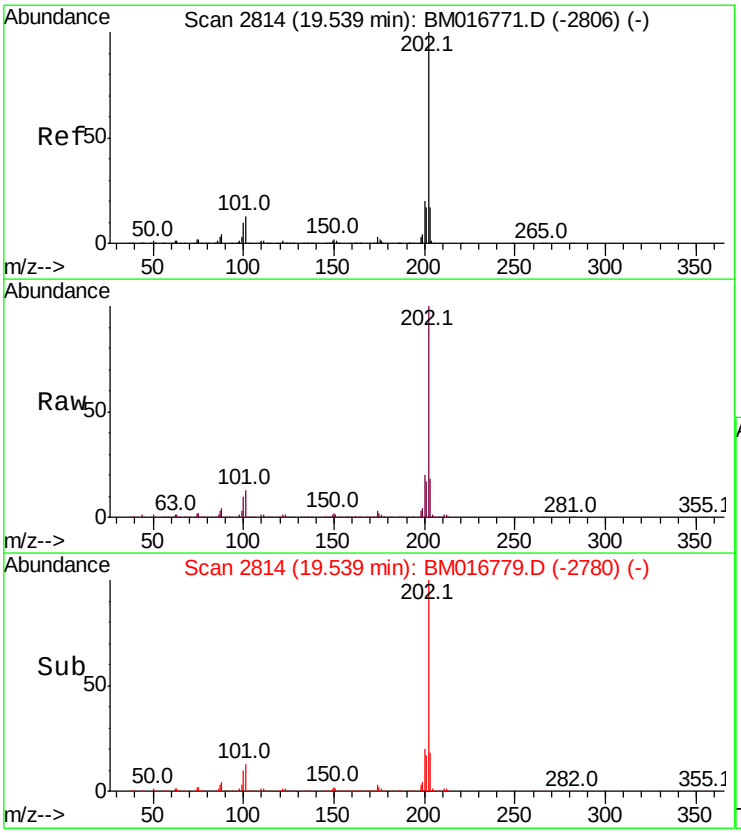
#69
Pentachlorophenol
Concen: 38.157 ng/ul
RT: 16.76 min Scan# 2342
Delta R.T. -0.00 min
Lab File: BM016779.D
Acq: 17 Sep 2018 22:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:266 Resp: 271874

Ion	Ratio	Lower	Upper
266	100		
264	62.7	48.2	72.4
268	62.6	52.3	78.5





#80
Pyrene
Concen: 42.443 ng/ul
RT: 19.54 min Scan# 2814
Delta R.T. -0.00 min
Lab File: BM016779.D
Acq: 17 Sep 2018 22:04

Tgt Ion:202 Resp: 3038124

Ion	Ratio	Lower	Upper
202	100		
101	12.8	6.9	10.3#
100	10.5	5.6	8.4#