Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092719\
Data File : BM022796.D
Acq On : 27 Sep 2019 21:01
Operator : JU
Sample : K4985-19MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJT3MS

Quant Time: Sep 28 04:00:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	300317	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1315793	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.44	164	829234	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.19	188	1658789	20.00	ng/ul	0.00
78) Chrysene-d12	21.36	240	1431420	20.00	ng/ul	0.00
86) Perylene-d12	23.63	264	1305994	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	35116	5.06	ng/uL	0.00
5) Phenol-d5	6.97	99	191838	7.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	411176	28.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	515286	24.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	340411	15.67	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	306063	30.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	333733	30.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	605364	27.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	827398	30.85	ng/ul	0.00
44) Dimethylphthalate-d6	13.86	166	2007154	31.19	ng/ul	0.00
47) Acenaphthylene-d8	14.14	160	2279994	30.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	55782	4.39	ng/ul	0.00
58) Fluorene-d10	15.44	176	1704348	31.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.55	200	90219	8.36	ng/ul	0.00
71) Anthracene-d10	17.29	188	2749847	33.95	ng/ul	0.00
79) Pyrene-d10	19.58	212	3123591	40.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.49	264	2433359	36.02	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.00	94	222853	8.011	ng/ul	99
10) 2-Chlorophenol	7.37	128	506065	22.079	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.62	70	459371	26.930	ng/ul	98
33) 4-Chloro-3-methylphenol	11.88	107	565753	24.591	ng/ul	100
45) Dimethylphthalate	13.90	163	134156	2.029	ng/ul	99
50) Acenaphthene	14.52	153	1591491	28.481	ng/ul	100
53) 4-Nitrophenol	14.65	109	44733	4.813	ng/ul	98
55) 2,4-Dinitrotoluene	14.80	165	597257	30.709	ng/ul	99
69) Pentachlorophenol	16.84	266	335283	23.164	ng/ul	99
80) Pyrene	19.61	202	3869197	38.131	ng/ul	100

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

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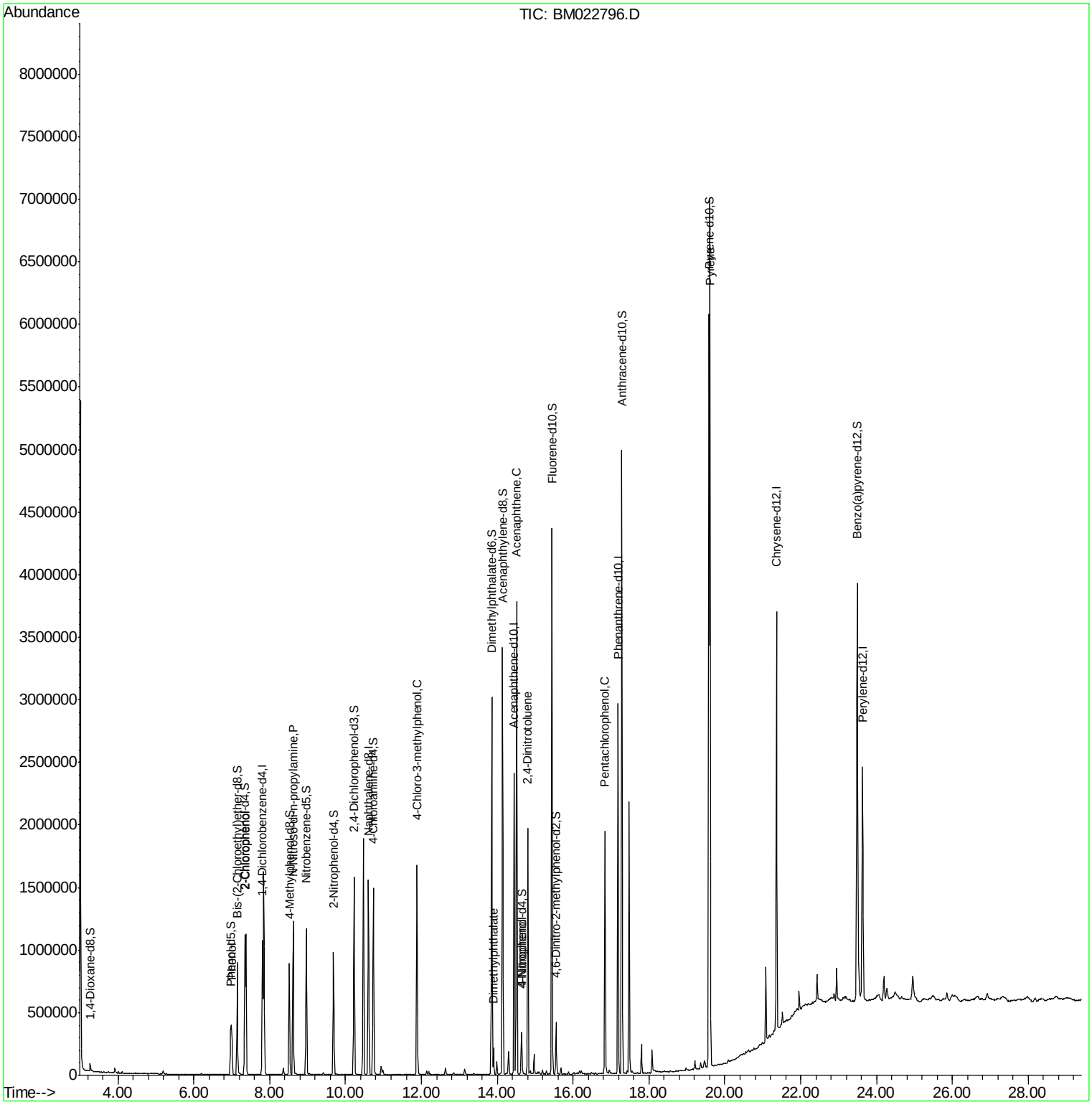
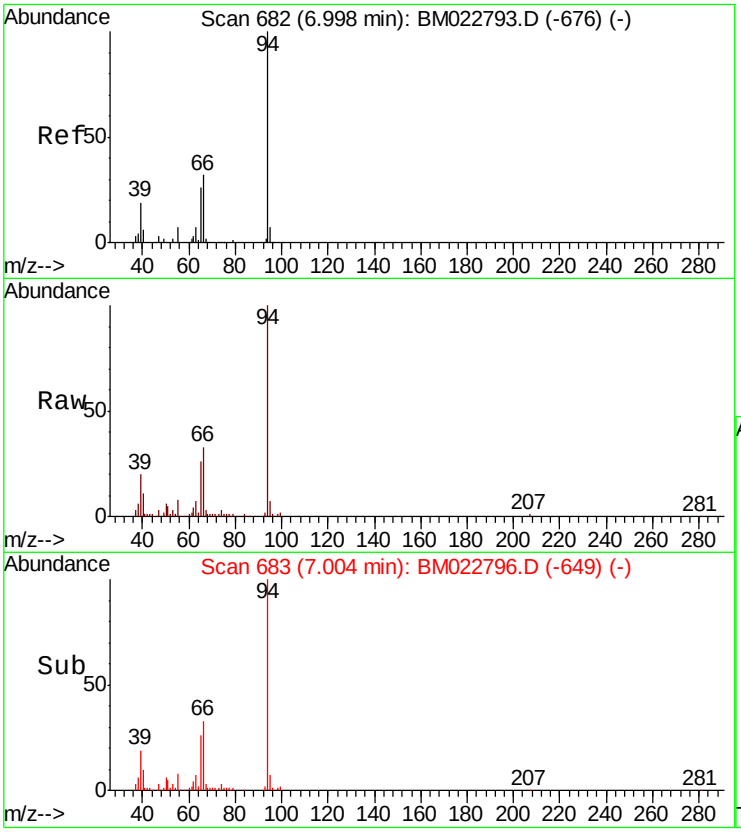


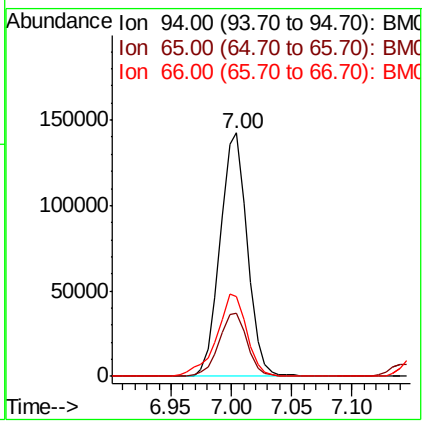


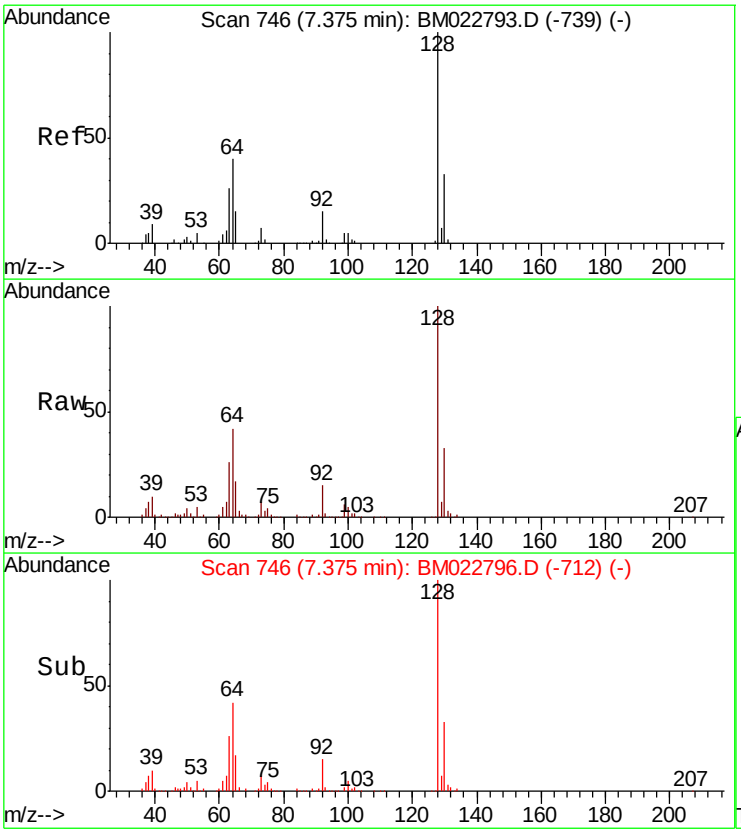
#6
Phenol
Concen: 8.011 ng/ul
RT: 7.00 min Scan# 683
Delta R.T. -0.00 min
Lab File: BM022796.D
Acq: 27 Sep 2019 21:01

Instrument :
BNA_M
ClientSampleId :
ETJT3MS

Tgt Ion: 94 Resp: 222853

Ion	Ratio	Lower	Upper
94	100		
65	26.0	20.9	31.3
66	32.8	27.2	40.8

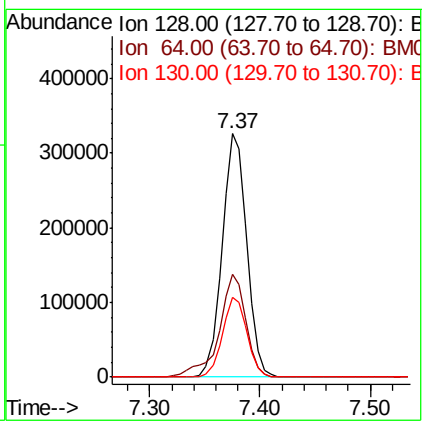


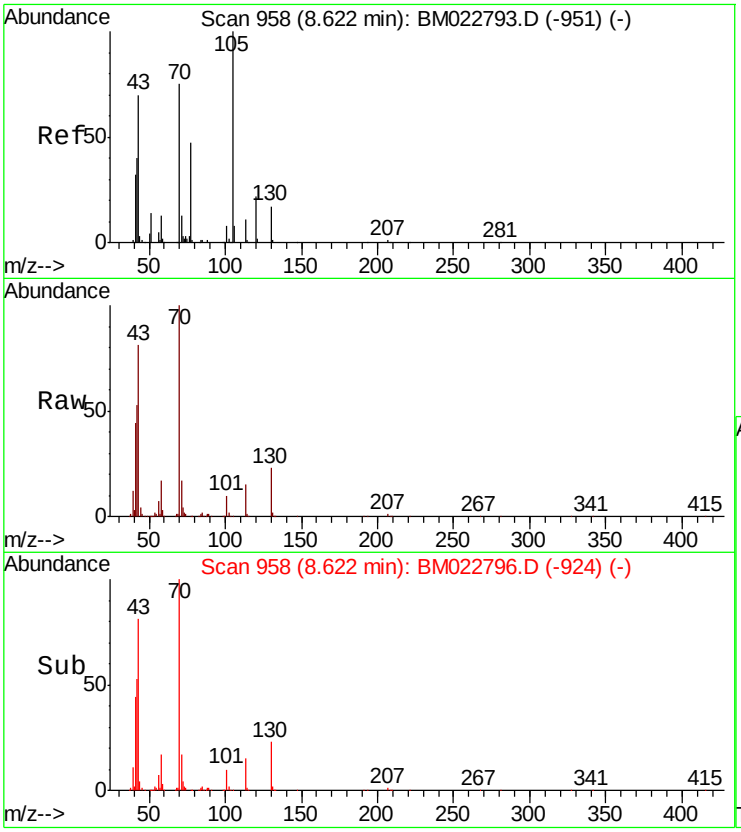


#10
2-Chlorophenol
Concen: 22.079 ng/ul
RT: 7.37 min Scan# 746
Delta R.T. -0.00 min
Lab File: BM022796.D
Acq: 27 Sep 2019 21:01

Tgt Ion:128 Resp: 506065

Ion	Ratio	Lower	Upper
128	100		
64	42.1	34.1	51.1
130	32.5	26.0	39.0



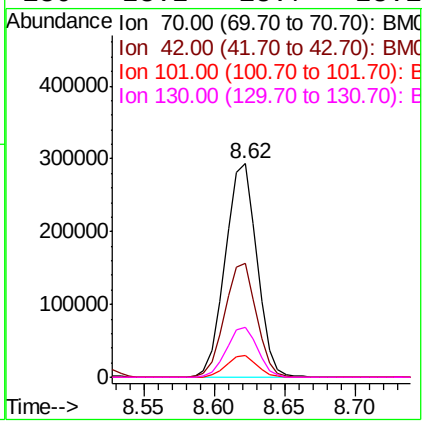


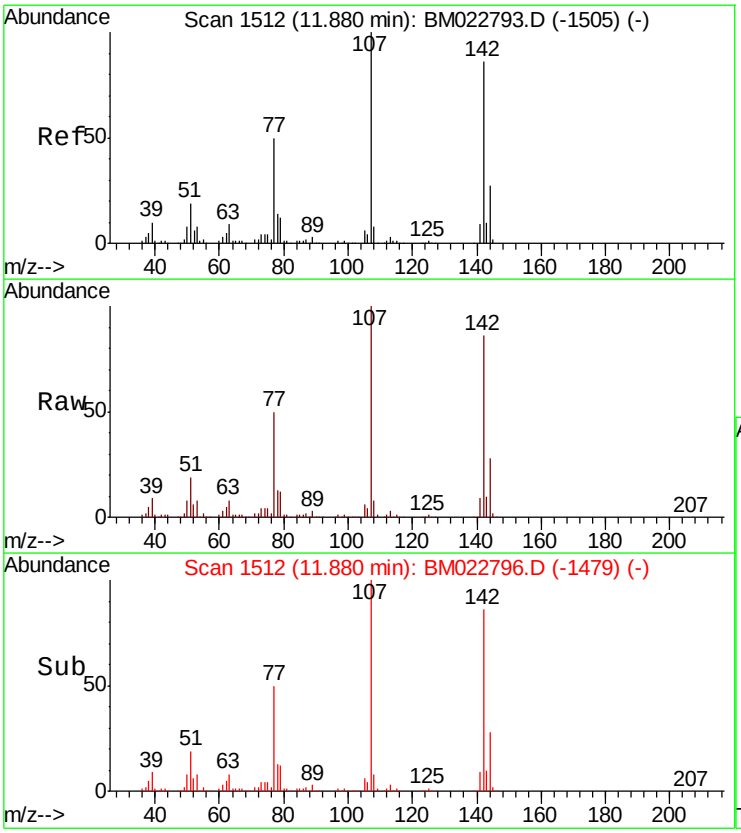
#15
N-Nitroso-di-n-propylamine
Concen: 26.930 ng/ul
RT: 8.62 min Scan# 958
Delta R.T. -0.00 min
Lab File: BM022796.D
Acq: 27 Sep 2019 21:01

Instrument :
BNA_M
ClientSampleId :
ETJT3MS

Tgt Ion: 70 Resp: 459371

Ion	Ratio	Lower	Upper
70	100		
42	53.3	44.6	66.8
101	10.3	8.2	12.2
130	23.2	18.7	28.1

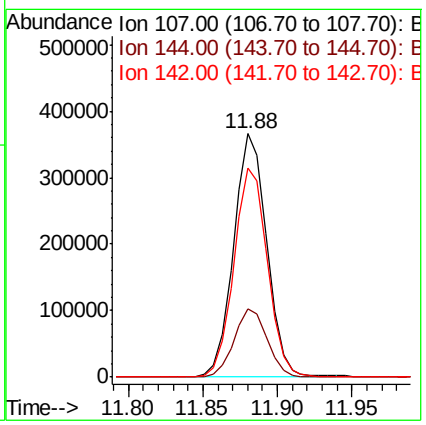


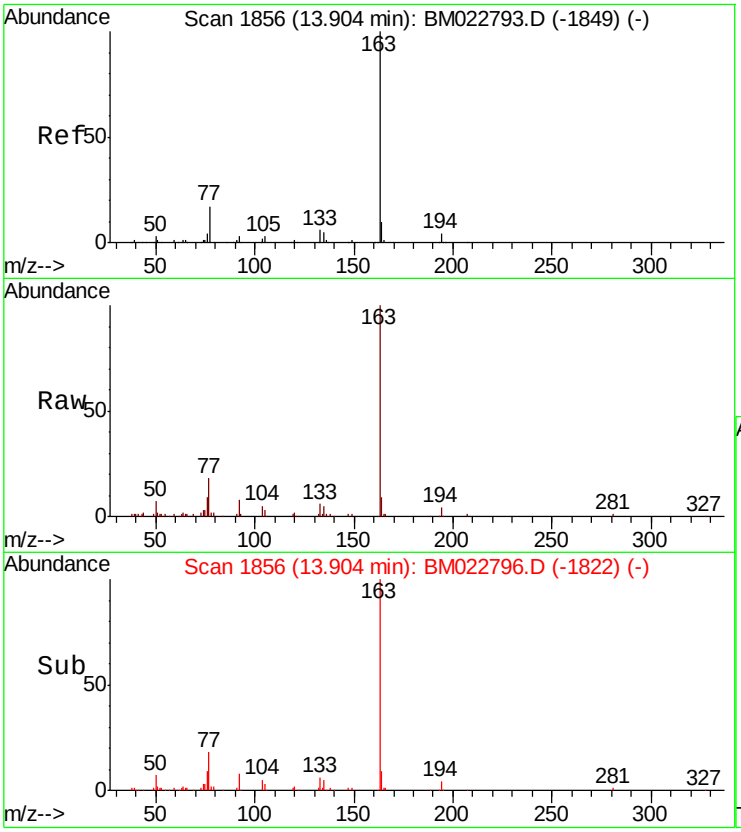


#33
4-Chloro-3-methylphenol
Concen: 24.591 ng/ul
RT: 11.88 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BM022796.D
Acq: 27 Sep 2019 21:01

Tgt Ion:107 Resp: 565753

Ion	Ratio	Lower	Upper
107	100		
144	28.0	22.5	33.7
142	85.7	68.9	103.3



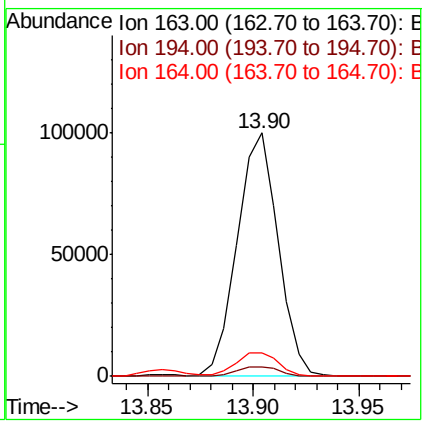


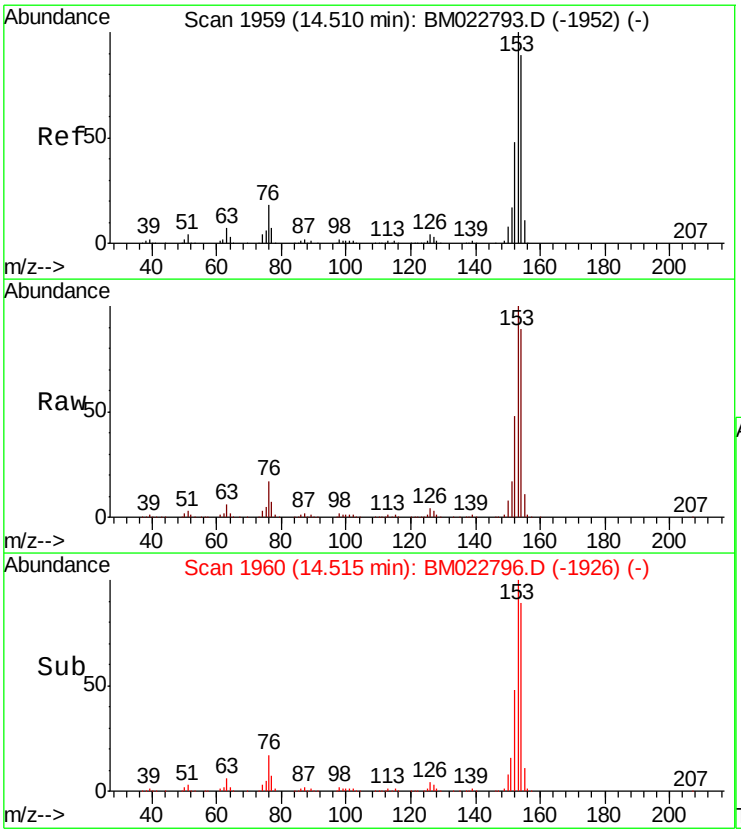
#45
Dimethylphthalate
Concen: 2.029 ng/ul
RT: 13.90 min Scan# 1856
Delta R.T. -0.00 min
Lab File: BM022796.D
Acq: 27 Sep 2019 21:01

Instrument :
BNA_M
ClientSampleId :
ETJT3MS

Tgt Ion:163 Resp: 134156

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	9.5	8.1	12.1

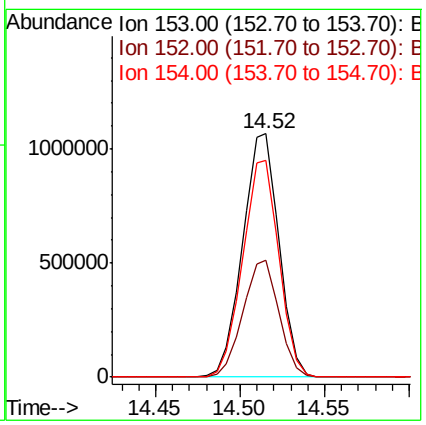


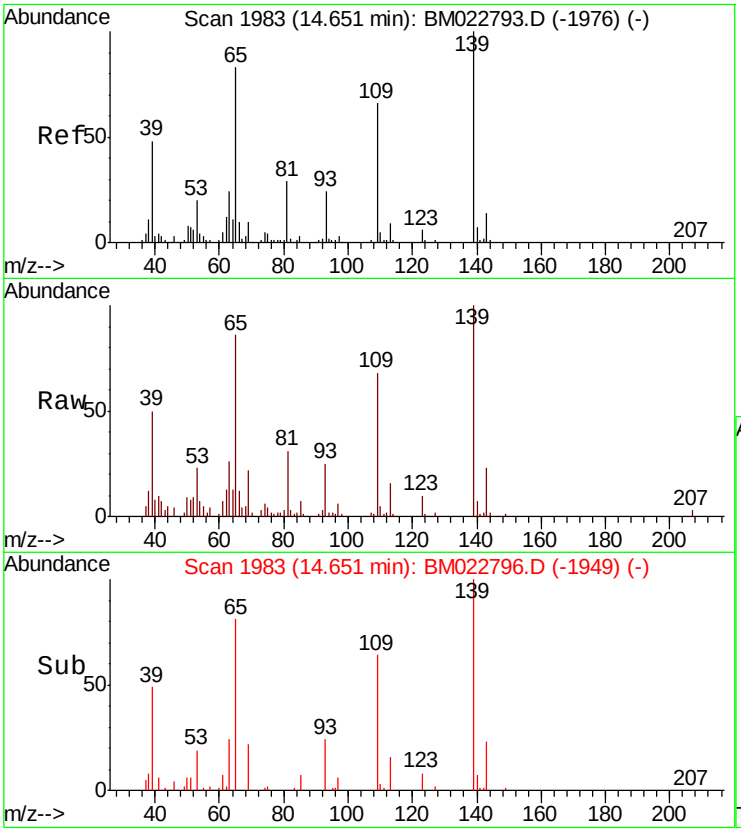


#50
Acenaphthene
Concen: 28.481 ng/ul
RT: 14.52 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BM022796.D
Acq: 27 Sep 2019 21:01

Tgt Ion:153 Resp: 1591491

Ion	Ratio	Lower	Upper
153	100		
152	47.8	38.1	57.1
154	88.9	71.1	106.7



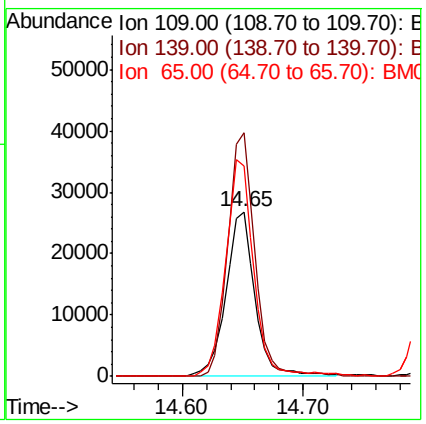


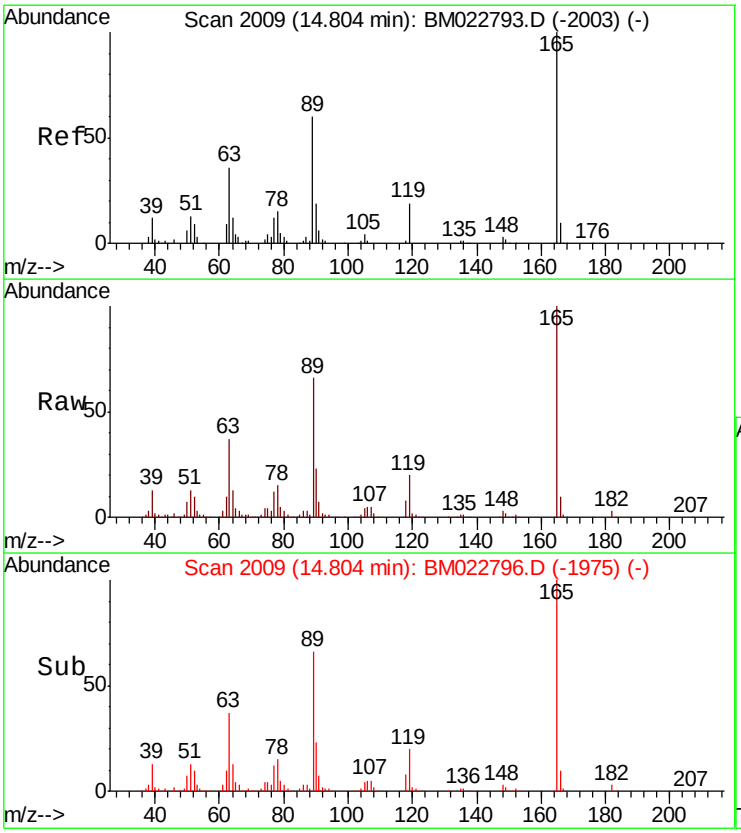
#53
4-Nitrophenol
Concen: 4.813 ng/ul
RT: 14.65 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BM022796.D
Acq: 27 Sep 2019 21:01

Instrument :
BNA_M
ClientSampleId :
ETJT3MS

Tgt Ion:109 Resp: 44733

Ion	Ratio	Lower	Upper
109	100		
139	147.8	119.5	179.3
65	127.7	105.0	157.4

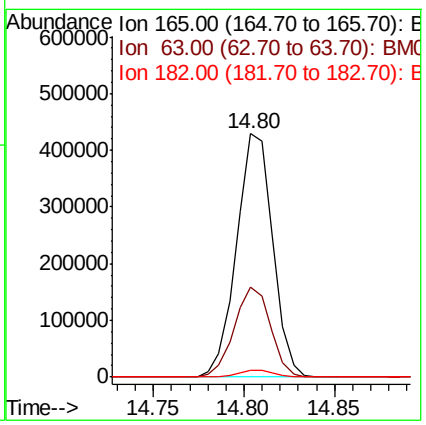


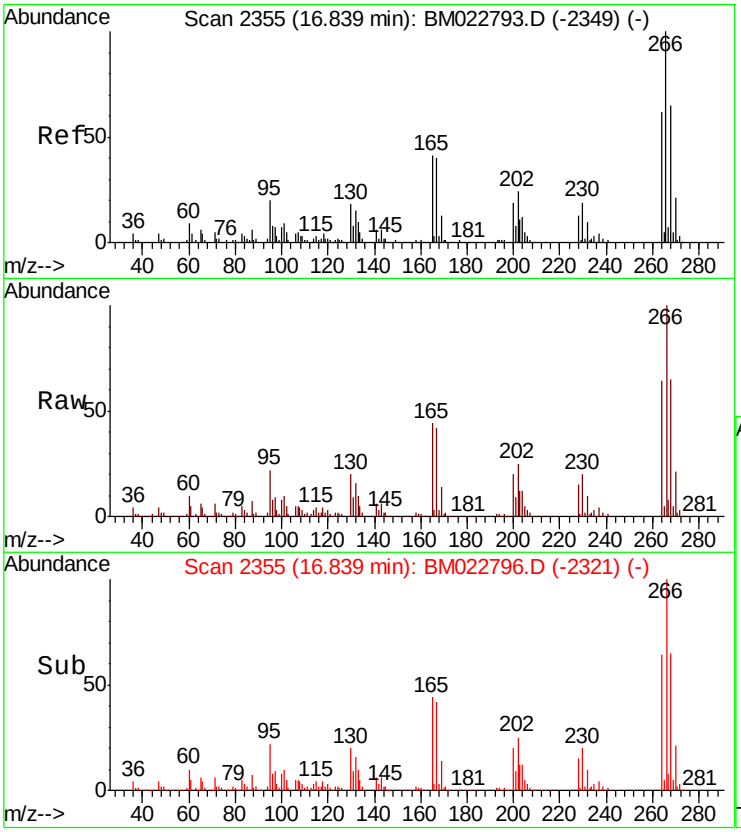


#55
2,4-Dinitrotoluene
Concen: 30.709 ng/ul
RT: 14.80 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BM022796.D
Acq: 27 Sep 2019 21:01

Tgt Ion:165 Resp: 597257

Ion	Ratio	Lower	Upper
165	100		
63	36.9	29.8	44.6
182	2.9	2.2	3.4



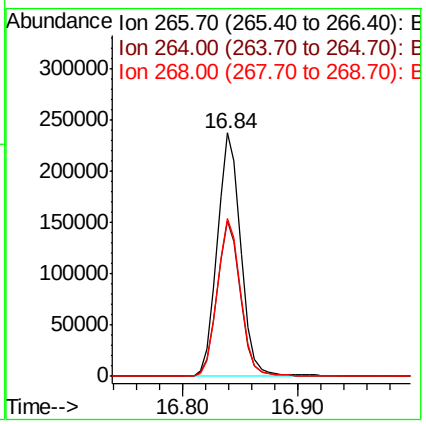


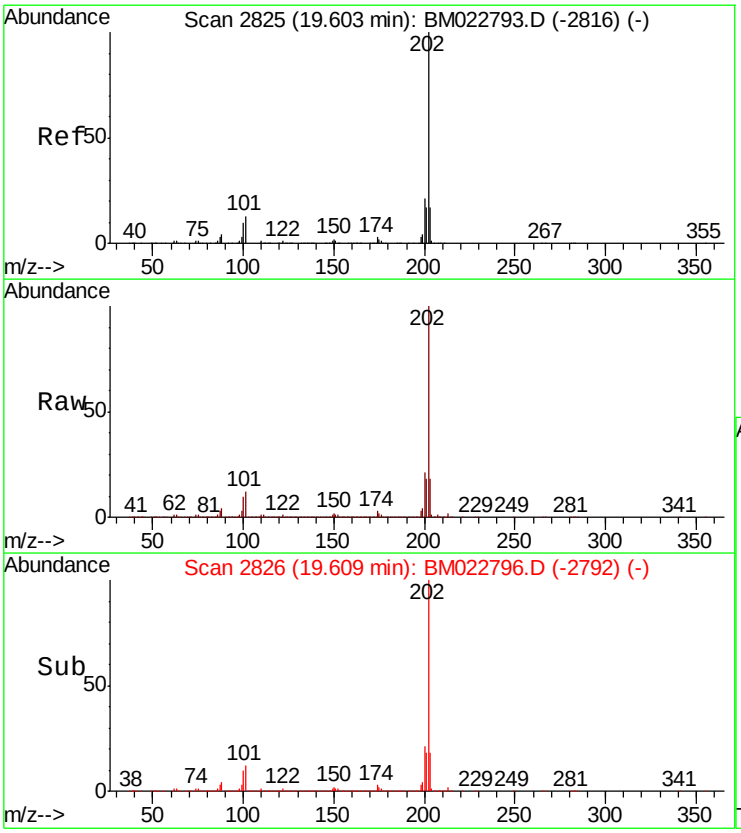
#69
Pentachlorophenol
Concen: 23.164 ng/ul
RT: 16.84 min Scan# 2355
Delta R.T. -0.00 min
Lab File: BM022796.D
Acq: 27 Sep 2019 21:01

Instrument :
BNA_M
ClientSampleId :
ETJT3MS

Tgt Ion:266 Resp: 335283

Ion	Ratio	Lower	Upper
266	100		
264	63.9	50.8	76.2
268	64.9	51.4	77.0





#80
Pyrene
Concen: 38.131 ng/ul
RT: 19.61 min Scan# 2826
Delta R.T. -0.00 min
Lab File: BM022796.D
Acq: 27 Sep 2019 21:01

Tgt Ion:202 Resp: 3869197

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.7	14.5
100	9.8	7.8	11.8