Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
Data File : BM021636.D
Acq On : 25 Jul 2019 14:55
Operator : HP/JU
Sample : K3831-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAMR0MS

Quant Time: Jul 25 15:56:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 01:21:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	138942	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	603519	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	412061	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	961689	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1160126	20.00	ng/ul	0.00
85) Perylene-d12	23.53	264	1223439	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	13268	5.21	ng/uL	0.00
5) Phenol-d5	6.88	99	297275	25.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	189542	27.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	238169	25.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	125721	12.49	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	146766	32.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	135419	28.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	293261	27.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	134166	12.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1119712	31.71	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1265359	29.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	52785	8.72	ng/ul	0.00
57) Fluorene-d10	15.34	176	1037512	32.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	32139	5.34	ng/ul	0.00
70) Anthracene-d10	17.19	188	1603590	33.89	ng/ul	0.00
78) Pyrene-d10	19.49	212	2082757	36.79	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	2178855	33.36	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.90	94	314726	27.760	ng/ul	98
10) 2-Chlorophenol	7.26	128	253330	28.422	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.50	70	246614	33.181	ng/ul	99
28) Naphthalene	10.53	128	151697	4.960	ng/ul#	89
33) 4-Chloro-3-methylphenol	11.77	107	284569	26.700	ng/ul	98
34) 2-Methylnaphthalene	12.15	142	172094	7.277	ng/ul	98
44) Dimethylphthalate	13.81	163	406606	11.996	ng/ul	99
49) Acenaphthene	14.41	153	994336	35.578	ng/ul	99
52) 4-Nitrophenol	14.59	109	51332	10.730	ng/ul	98
54) 2,4-Dinitrotoluene	14.73	165	349101	36.564	ng/ul#	85
68) Pentachlorophenol	16.75	266	115255	15.383	ng/ul	98
79) Pyrene	19.53	202	2862573	41.422	ng/ul	97

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

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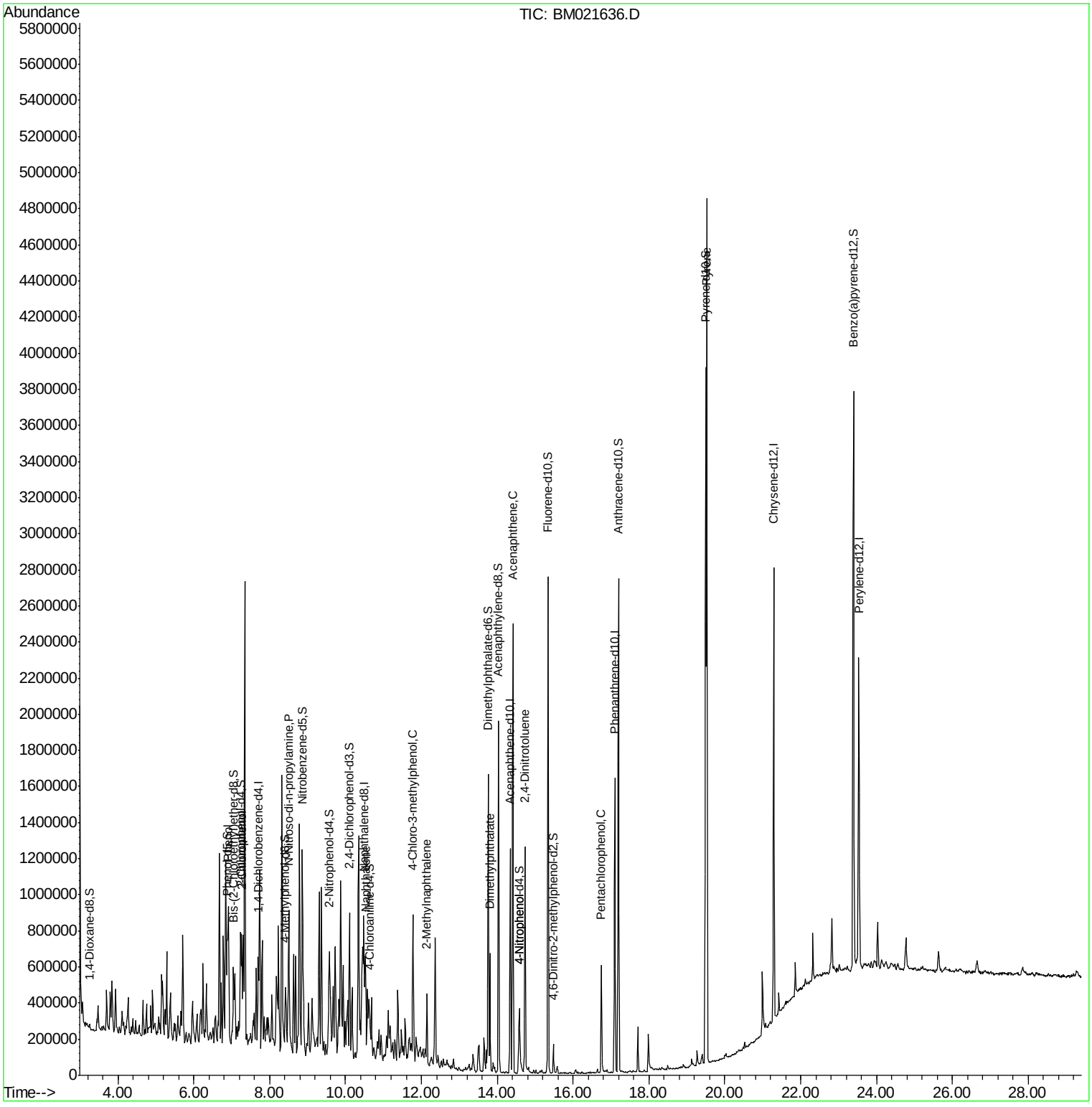
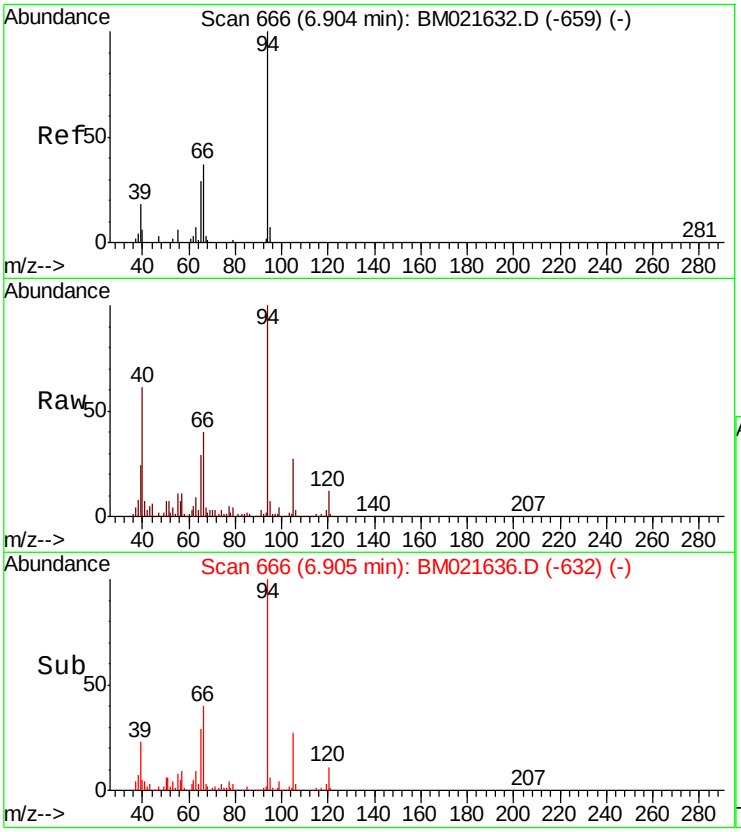


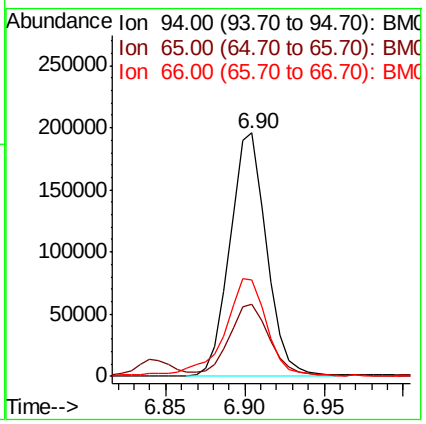


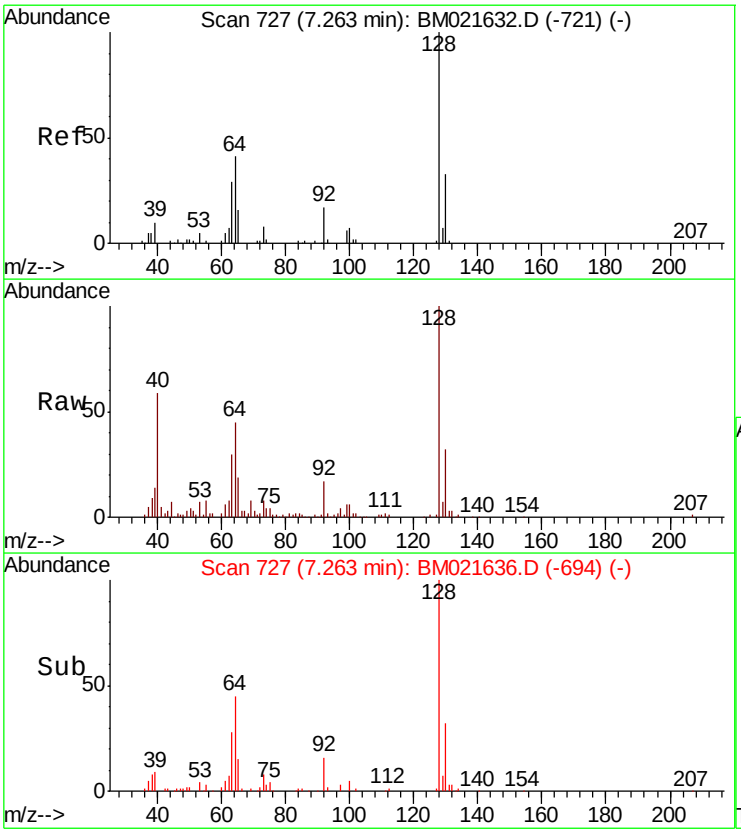
#6
Phenol
Concen: 27.760 ng/ul
RT: 6.90 min Scan# 666
Delta R.T. 0.00 min
Lab File: BM021636.D
Acq: 25 Jul 2019 14:55

Instrument :
BNA_M
ClientSampleId :
GAMR0MS

Tgt Ion: 94 Resp: 314726

Ion	Ratio	Lower	Upper
94	100		
65	29.4	23.3	34.9
66	39.8	33.2	49.8

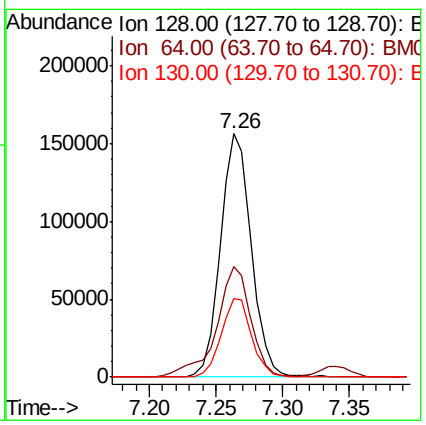


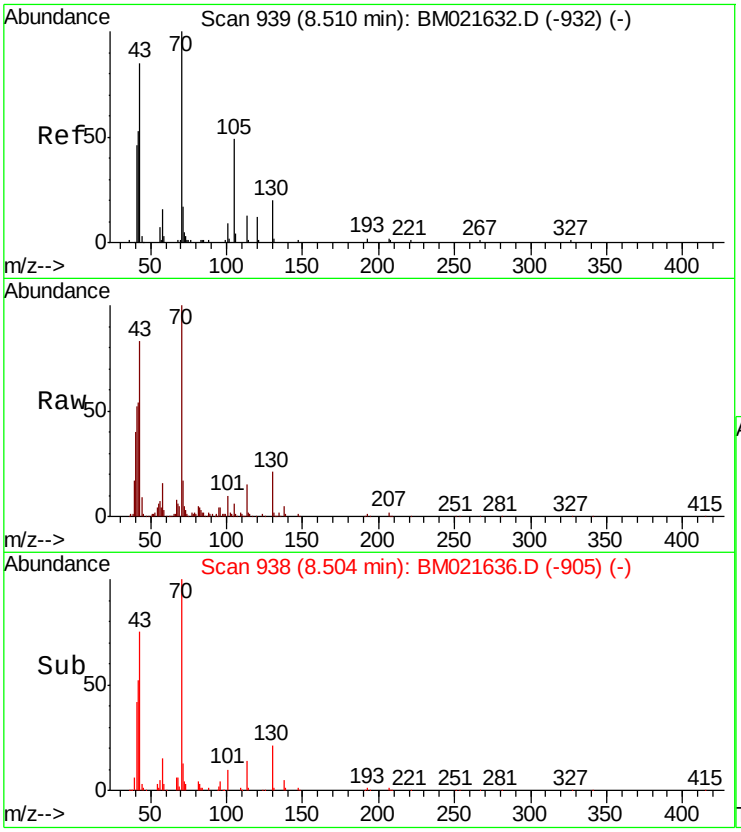


#10
2-Chlorophenol
Concen: 28.422 ng/ul
RT: 7.26 min Scan# 727
Delta R.T. -0.01 min
Lab File: BM021636.D
Acq: 25 Jul 2019 14:55

Tgt Ion:128 Resp: 253330

Ion	Ratio	Lower	Upper
128	100		
64	45.4	35.2	52.8
130	32.1	24.7	37.1



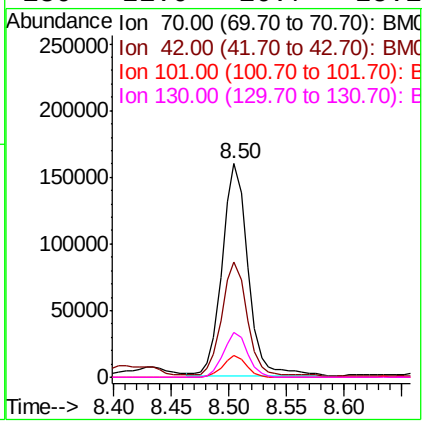


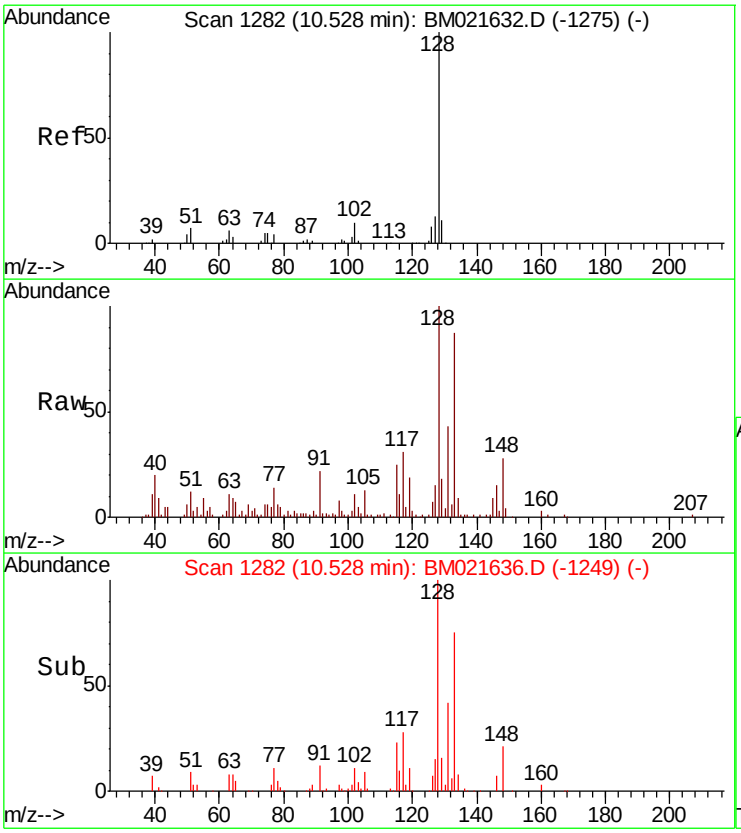
#15
N-Nitroso-di-n-propylamine
Concen: 33.181 ng/ul
RT: 8.50 min Scan# 938
Delta R.T. -0.01 min
Lab File: BM021636.D
Acq: 25 Jul 2019 14:55

Instrument :
BNA_M
ClientSampleId :
GAMR0MS

Tgt Ion: 70 Resp: 246614

Ion	Ratio	Lower	Upper
70	100		
42	53.8	42.2	63.2
101	10.0	7.6	11.4
130	21.0	16.7	25.1

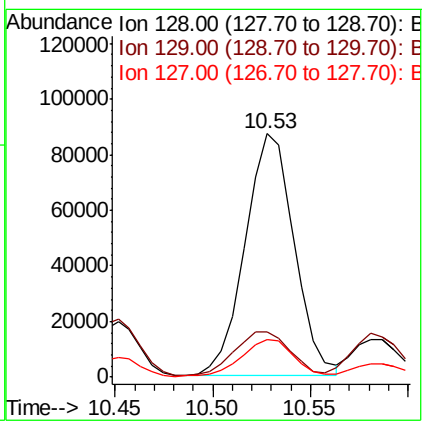


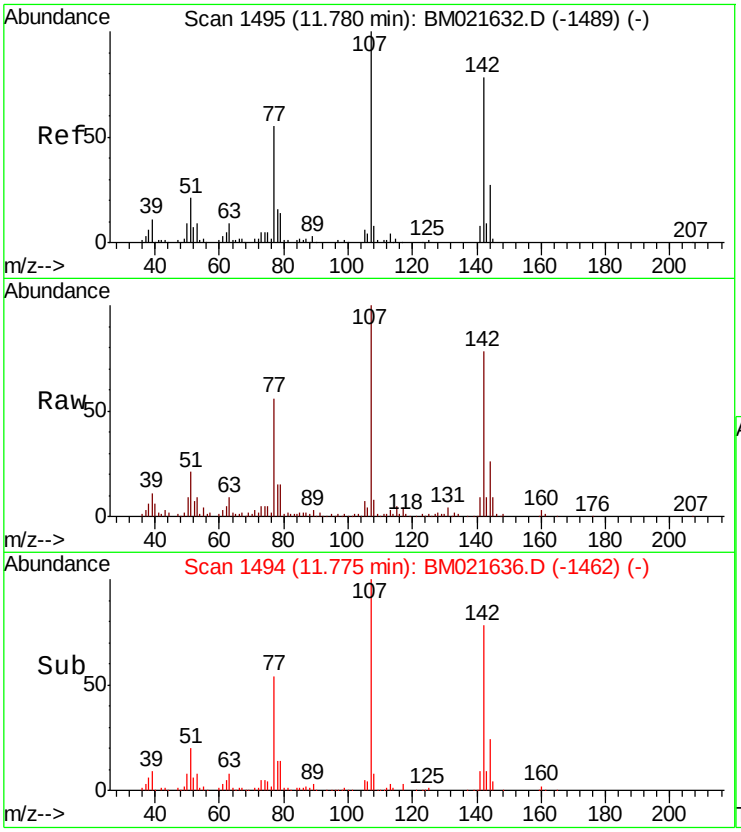


#28
Naphthalene
Concen: 4.960 ng/ul
RT: 10.53 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BM021636.D
Acq: 25 Jul 2019 14:55

Tgt Ion:128 Resp: 151697

Ion	Ratio	Lower	Upper
128	100		
129	18.4	8.9	13.3#
127	15.2	10.8	16.2



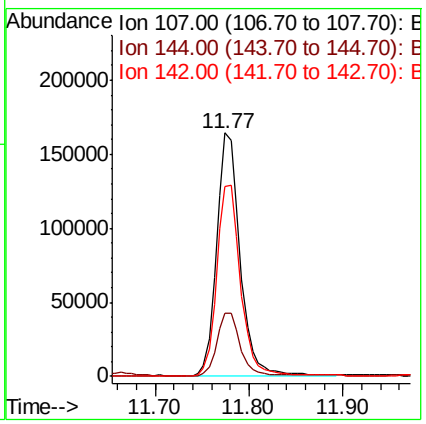


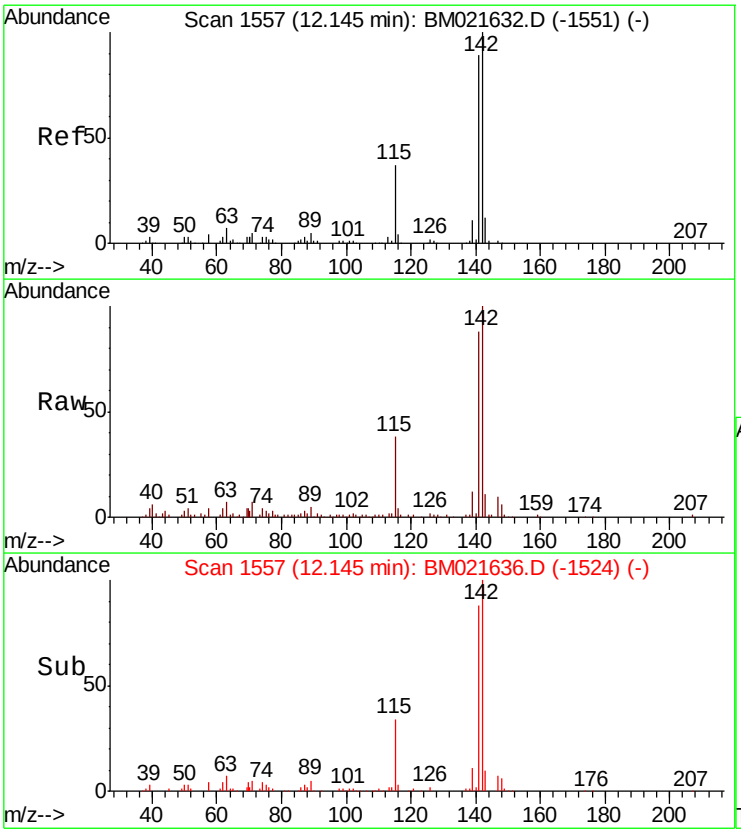
#33
4-Chloro-3-methylphenol
Concen: 26.700 ng/ul
RT: 11.77 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BM021636.D
Acq: 25 Jul 2019 14:55

Instrument :
BNA_M
ClientSampleId :
GAMR0MS

Tgt Ion:107 Resp: 284569

Ion	Ratio	Lower	Upper
107	100		
144	25.8	21.0	31.4
142	78.1	64.4	96.6

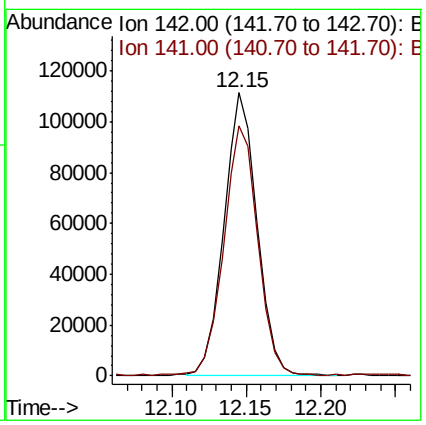


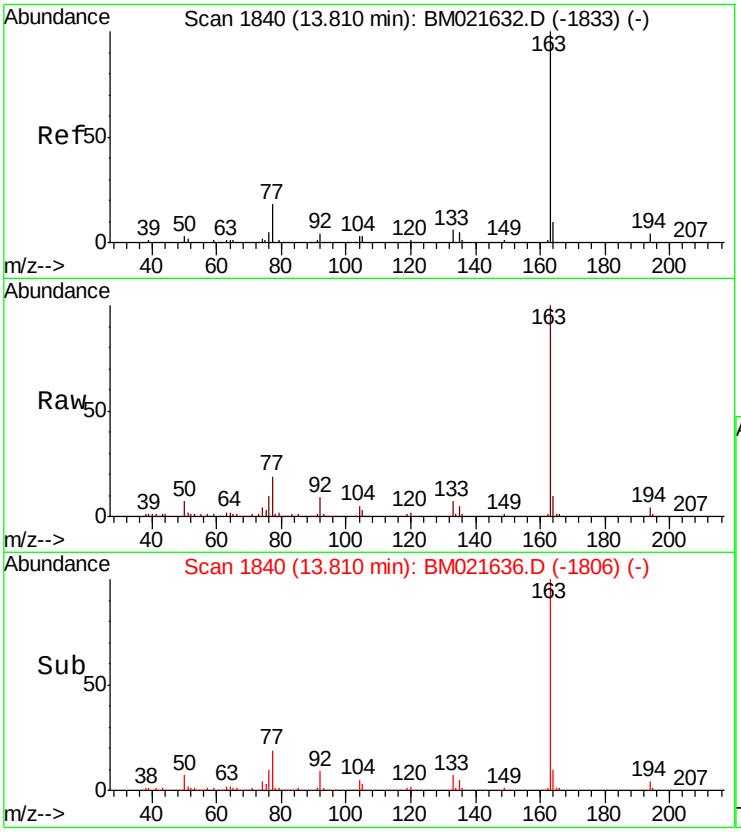


#34
2-Methylnaphthalene
Concen: 7.277 ng/ul
RT: 12.15 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BM021636.D
Acq: 25 Jul 2019 14:55

Tgt Ion:142 Resp: 172094

Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.2	108.4



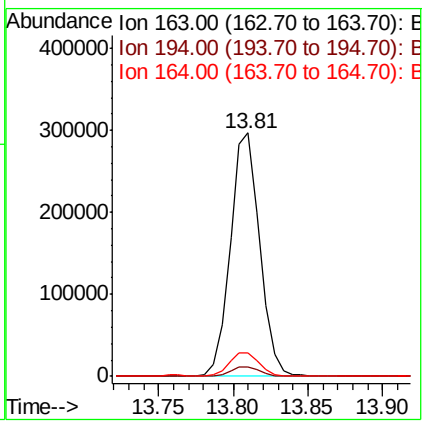


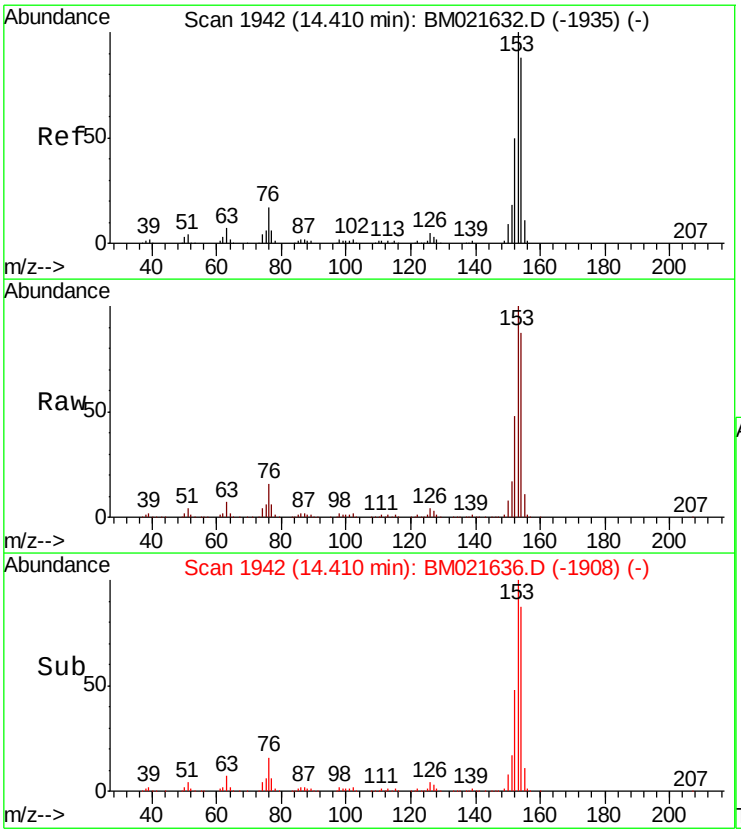
#44
Dimethylphthalate
Concen: 11.996 ng/ul
RT: 13.81 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BM021636.D
Acq: 25 Jul 2019 14:55

Instrument :
BNA_M
ClientSampleId :
GAMR0MS

Tgt Ion:163 Resp: 406606

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	9.9	8.2	12.4

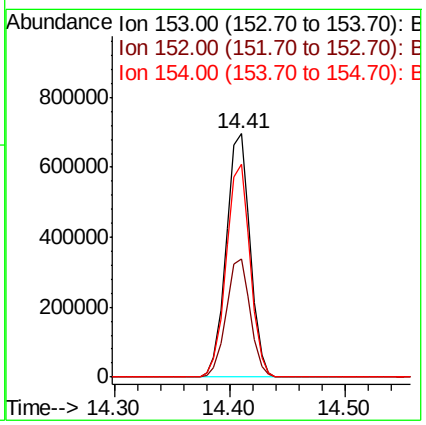


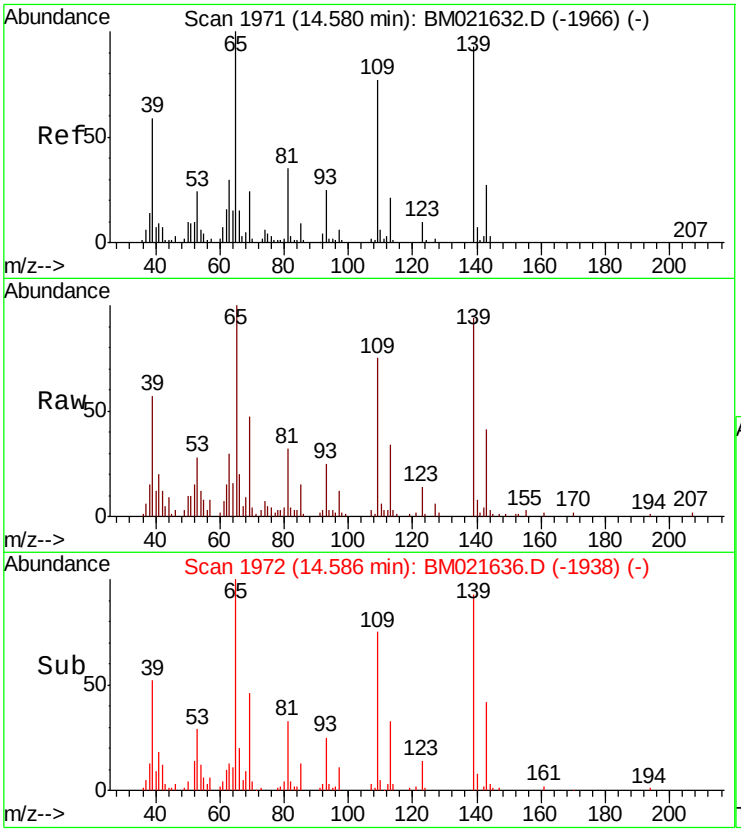


#49
Acenaphthene
Concen: 35.578 ng/ul
RT: 14.41 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BM021636.D
Acq: 25 Jul 2019 14:55

Tgt Ion:153 Resp: 994336

Ion	Ratio	Lower	Upper
153	100		
152	48.3	38.6	57.8
154	87.3	69.0	103.4



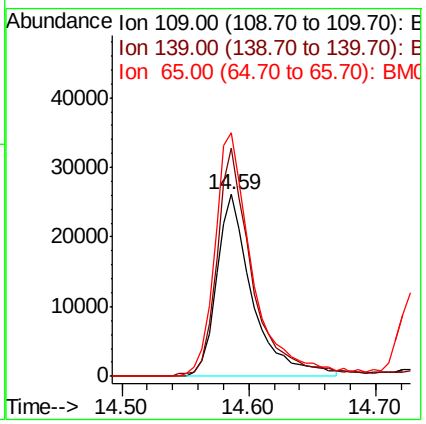


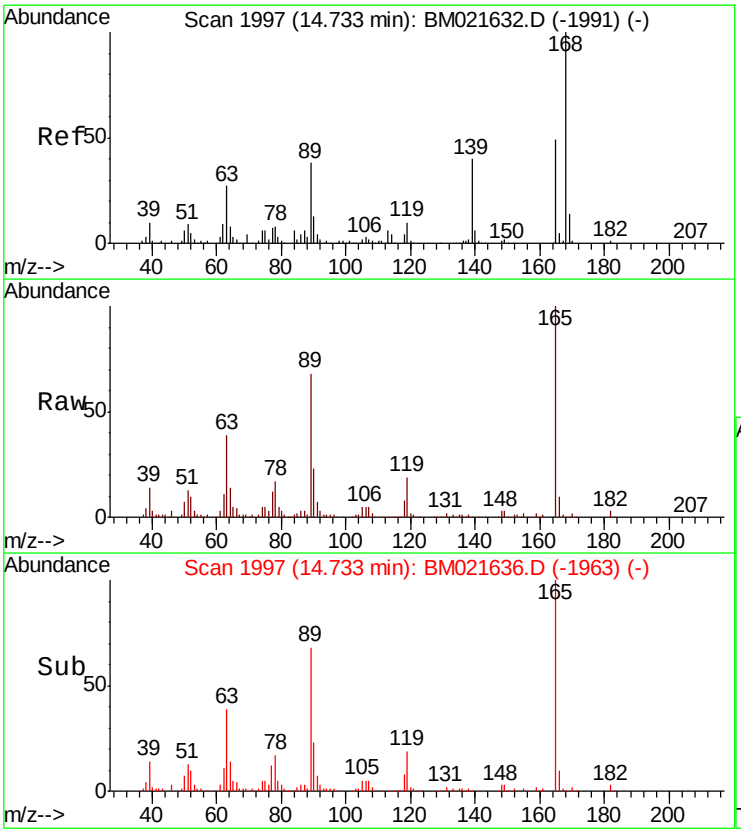
#52
4-Nitrophenol
Concen: 10.730 ng/ul
RT: 14.59 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BM021636.D
Acq: 25 Jul 2019 14:55

Instrument :
BNA_M
ClientSampleId :
GAMR0MS

Tgt Ion:109 Resp: 51332

Ion	Ratio	Lower	Upper
109	100		
139	125.6	98.8	148.2
65	134.0	105.1	157.7

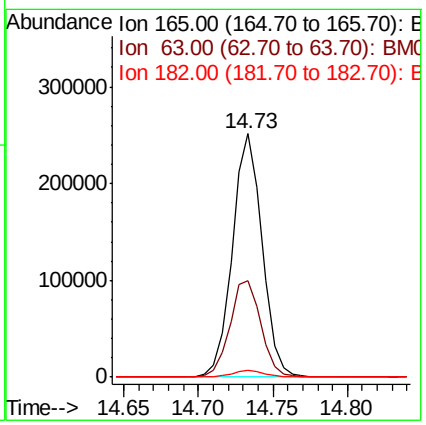


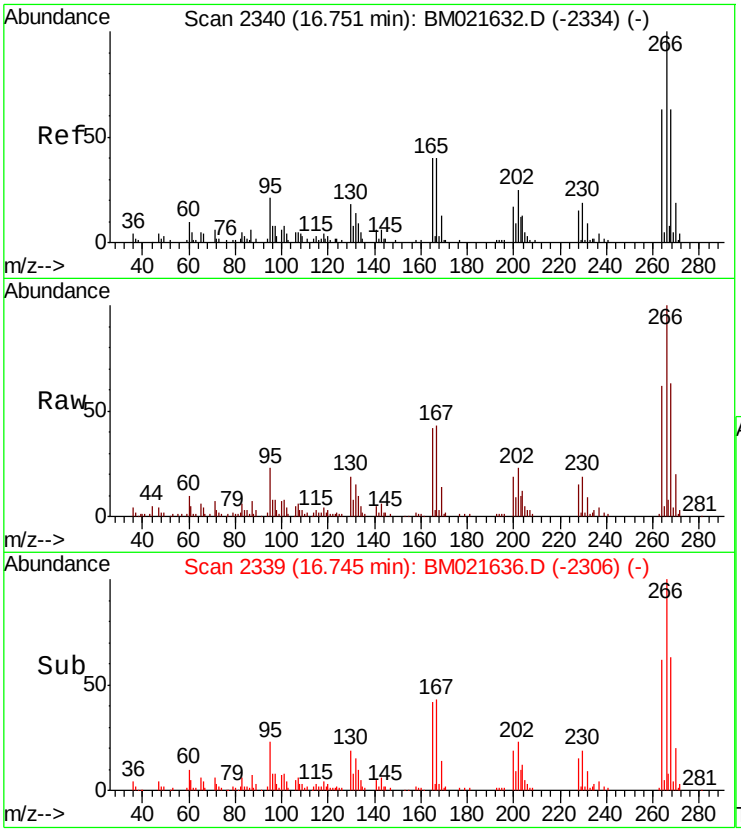


#54
2,4-Dinitrotoluene
Concen: 36.564 ng/ul
RT: 14.73 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BM021636.D
Acq: 25 Jul 2019 14:55

Tgt Ion:165 Resp: 349101

Ion	Ratio	Lower	Upper
165	100		
63	39.4	40.4	60.6#
182	2.9	2.2	3.2



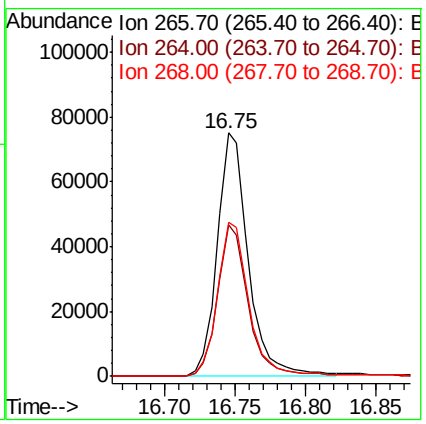


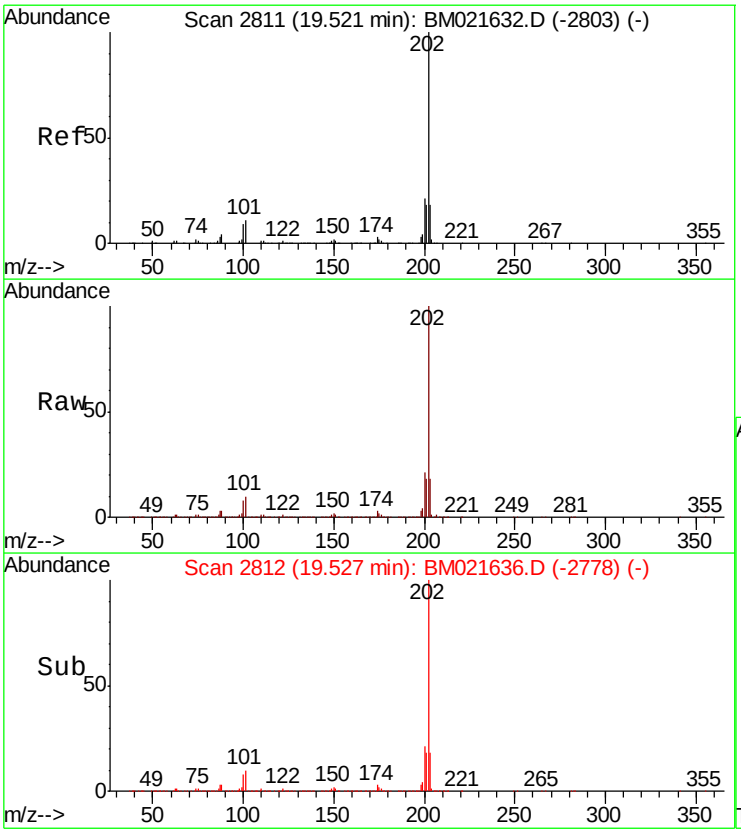
#68
Pentachlorophenol
Concen: 15.383 ng/ul
RT: 16.75 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BM021636.D
Acq: 25 Jul 2019 14:55

Instrument :
BNA_M
ClientSampleId :
GAMR0MS

Tgt Ion:266 Resp: 115255

Ion	Ratio	Lower	Upper
266	100		
264	62.0	50.9	76.3
268	63.0	49.7	74.5





#79
Pyrene
Concen: 41.422 ng/ul
RT: 19.53 min Scan# 2812
Delta R.T. 0.00 min
Lab File: BM021636.D
Acq: 25 Jul 2019 14:55

Tgt Ion:202 Resp: 2862573

Ion	Ratio	Lower	Upper
202	100		
101	9.6	8.6	13.0
100	8.0	7.1	10.7