

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
 Data File : BM021643.D
 Acq On : 25 Jul 2019 19:14
 Operator : HP/JU
 Sample : K3831-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GAMR0MSD

Quant Time: Jul 26 01:17:47 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	133657	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	604572	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	432619	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1041032	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1283116	20.00	ng/ul	0.00
85) Perylene-d12	23.53	264	1316298	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	11344	4.63	ng/uL	0.00
5) Phenol-d5	6.87	99	290612	25.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	176379	26.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	234019	26.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	124012	12.81	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	146554	32.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	141818	29.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	298819	27.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	132113	12.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1178148	31.78	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1335320	29.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	66246	10.42	ng/ul	0.00
57) Fluorene-d10	15.34	176	1107533	33.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	36793	5.64	ng/ul	0.00
70) Anthracene-d10	17.20	188	1740932	33.99	ng/ul	0.00
78) Pyrene-d10	19.50	212	2319858	37.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	2336889	33.25	ng/ul	0.00

Target Compounds

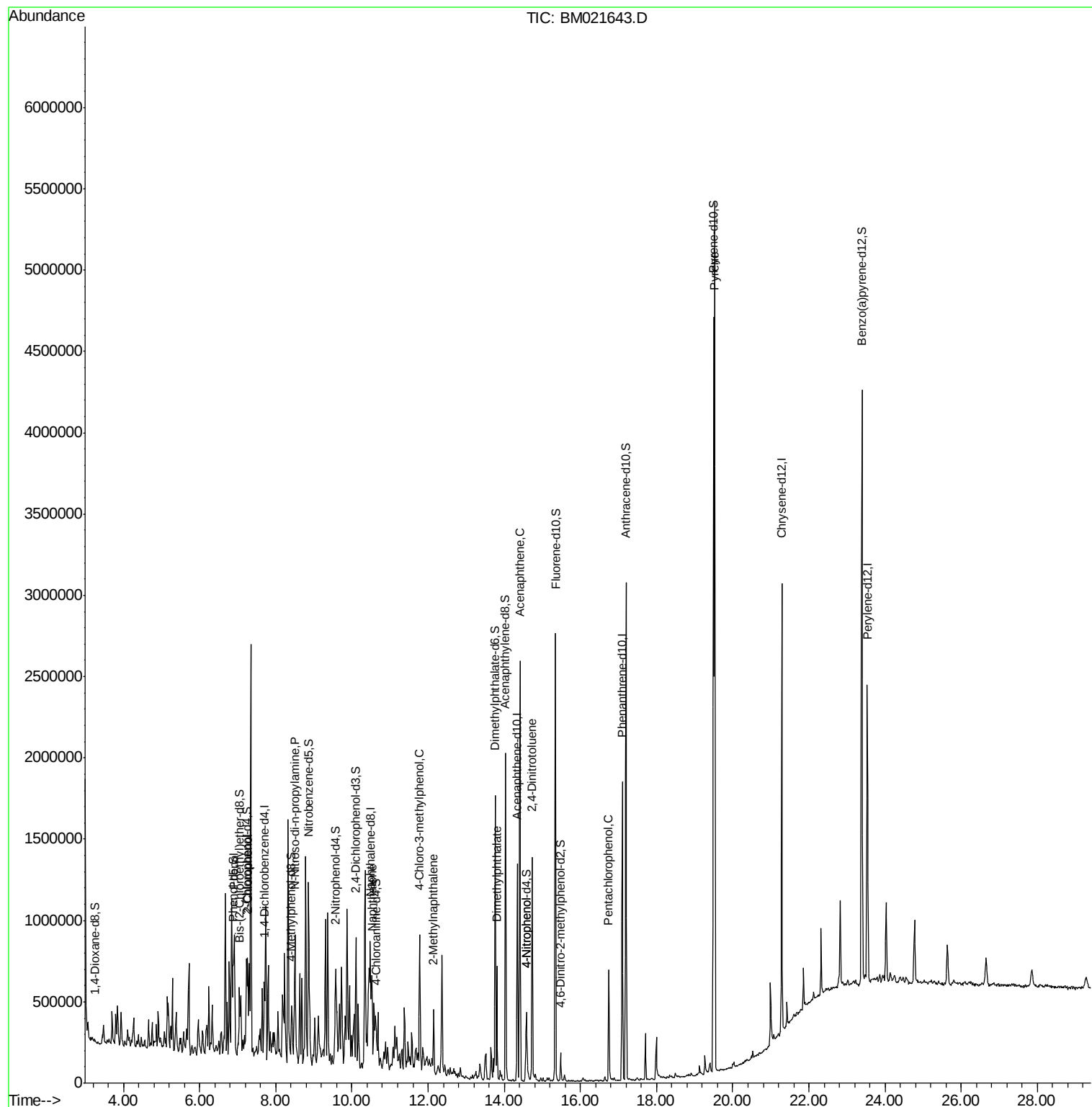
					Ovalue
6) Phenol	6.90	94	309058	28.338	ng/ul 97
10) 2-Chlorophenol	7.26	128	246175	28.711	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.50	70	250718	35.067	ng/ul 99
28) Naphthalene	10.53	128	152639	4.982	ng/ul# 90
33) 4-Chloro-3-methylphenol	11.78	107	287562	26.934	ng/ul 99
34) 2-Methylnaphthalene	12.15	142	180665	7.626	ng/ul 96
44) Dimethylphthalate	13.81	163	435813	12.247	ng/ul 99
49) Acenaphthene	14.41	153	1048710	35.741	ng/ul 99
52) 4-Nitrophenol	14.59	109	58678	11.683	ng/ul 97
54) 2,4-Dinitrotoluene	14.73	165	384090	38.317	ng/ul# 85
68) Pentachlorophenol	16.74	266	135100	16.657	ng/ul 98
79) Pyrene	19.53	202	3176538	41.560	ng/ul 98

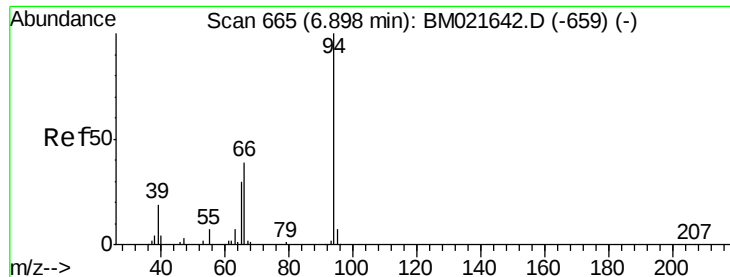
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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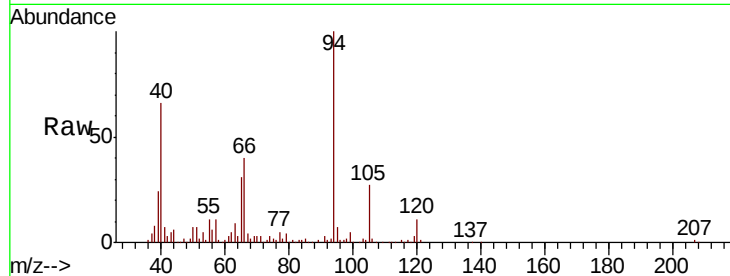
#6

Phenol

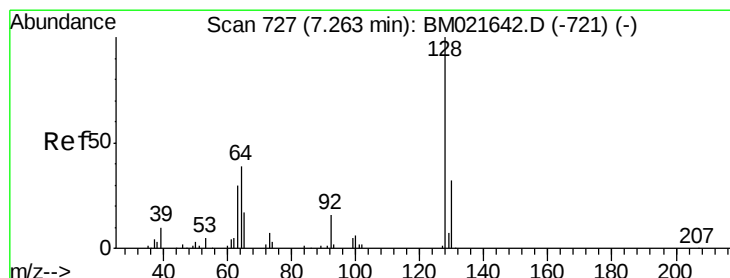
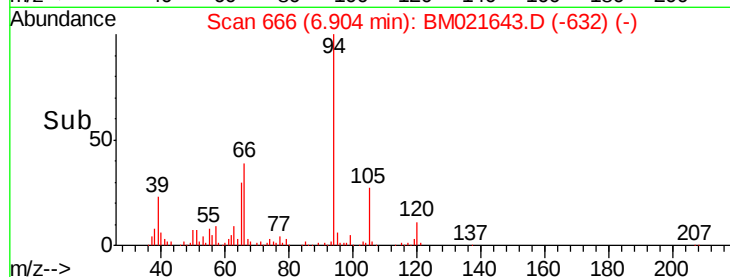
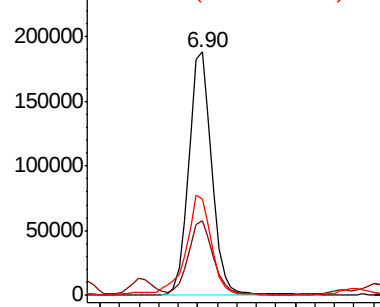
Concen: 28.338 ng/ul
 RT: 6.90 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: BM021643.D
 Acq: 25 Jul 2019 19:14

Instrument :
 BNA_M
 ClientSampleId :
 GAMR0MSD

Tot Ion: 94 Resp: 309058
 Ion Ratio Lower Upper
 94 100
 65 30.7 23.3 34.9
 66 39.7 33.2 49.8



Abundance Ion 94.00 (93.70 to 94.70): BM021643.D (-659) (-)
 Ion 65.00 (64.70 to 65.70): BM021643.D (-659) (-)
 Ion 66.00 (65.70 to 66.70): BM021643.D (-659) (-)

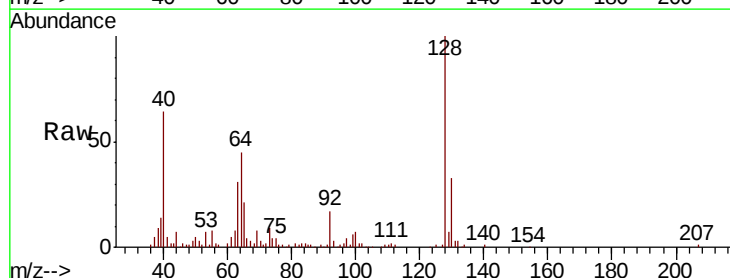


#10

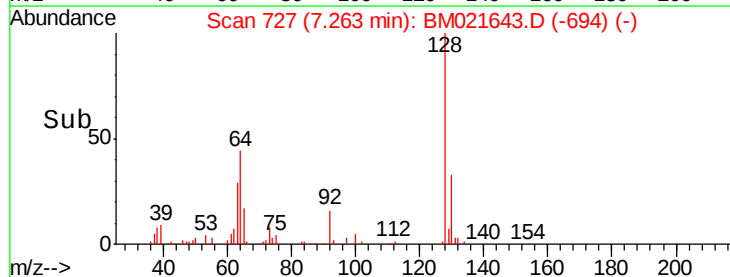
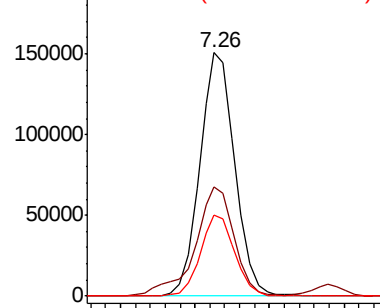
2-Chlorophenol

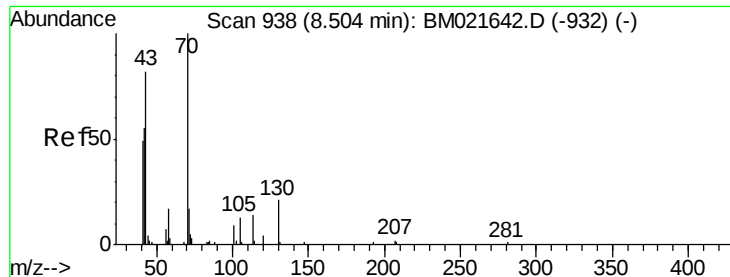
Concen: 28.711 ng/ul
 RT: 7.26 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: BM021643.D
 Acq: 25 Jul 2019 19:14

Tgt Ion: 128 Resp: 246175
 Ion Ratio Lower Upper
 128 100
 64 44.8 35.2 52.8
 130 33.1 24.7 37.1



Abundance Ion 128.00 (127.70 to 128.70): BM021643.D (-721) (-)
 Ion 64.00 (63.70 to 64.70): BM021643.D (-721) (-)
 Ion 130.00 (129.70 to 130.70): BM021643.D (-721) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 35.067 ng/ul

RT: 8.50 min Scan# 938

Delta R.T. -0.01 min

Lab File: BM021643.D

Acq: 25 Jul 2019 19:14

Instrument :

BNA_M

ClientSampleId :

GAMR0MSD

Tot Ion: 70 Resp: 250718

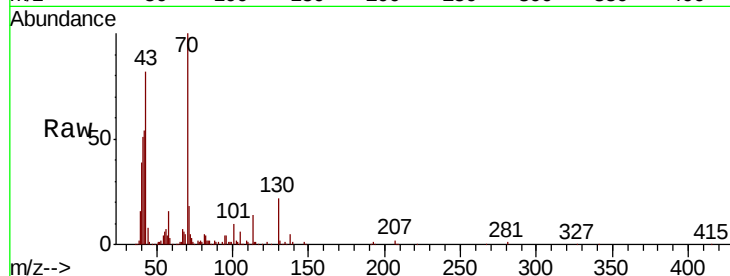
Ion	Ratio	Lower	Upper
70	100		
42	53.8	42.2	63.2
101	9.5	7.6	11.4
130	21.7	16.7	25.1

70 100

42 53.8 42.2 63.2

101 9.5 7.6 11.4

130 21.7 16.7 25.1



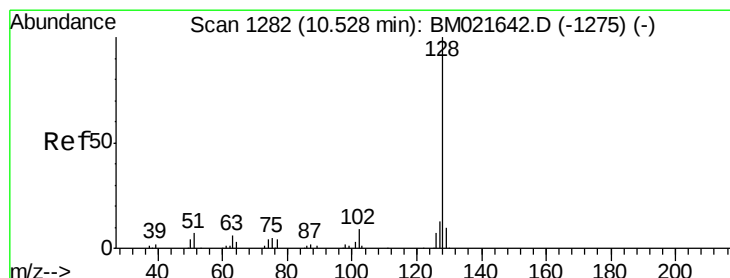
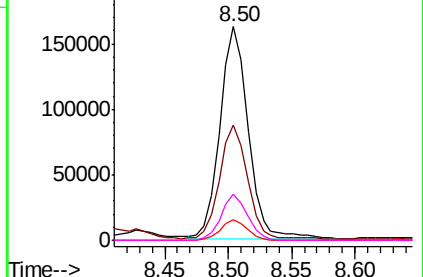
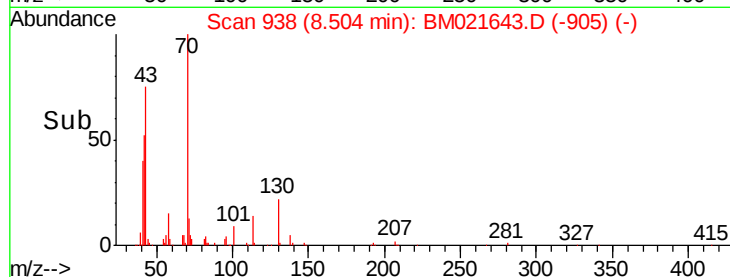
Abundance Ion 70.00 (69.70 to 70.70): BM021643.D (-932) (-)

Ion 42.00 (41.70 to 42.70): BM021643.D (-932) (-)

Ion 101.00 (100.70 to 101.70): BM021643.D (-932) (-)

Ion 130.00 (129.70 to 130.70): BM021643.D (-932) (-)

Time-->



#28

Naphthalene

Concen: 4.982 ng/ul

RT: 10.53 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BM021643.D

Acq: 25 Jul 2019 19:14

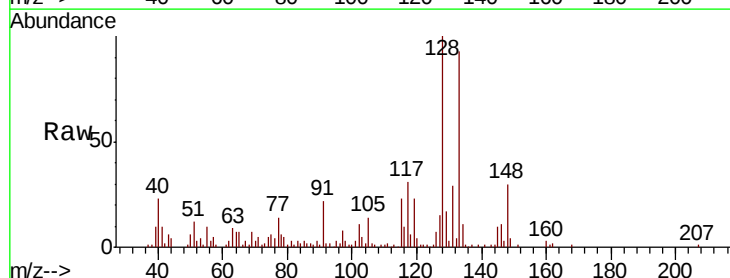
Tgt Ion: 128 Resp: 152639

Ion	Ratio	Lower	Upper
128	100		
129	17.2	8.9	13.3#
127	15.2	10.8	16.2

128 100

129 17.2 8.9 13.3#

127 15.2 10.8 16.2

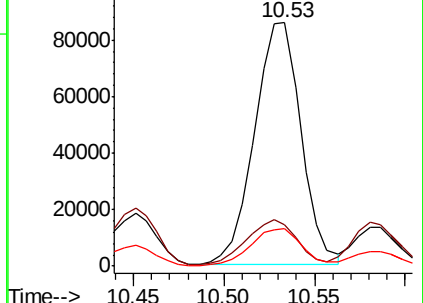
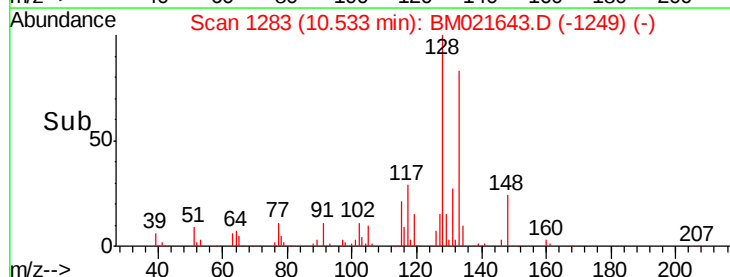


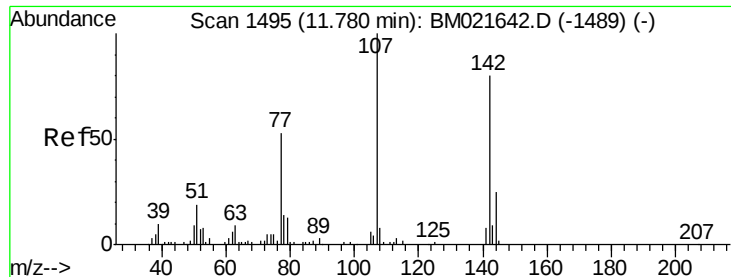
Abundance Ion 128.00 (127.70 to 128.70): BM021643.D (-1249) (-)

Ion 129.00 (128.70 to 129.70): BM021643.D (-1249) (-)

Ion 127.00 (126.70 to 127.70): BM021643.D (-1249) (-)

Time-->

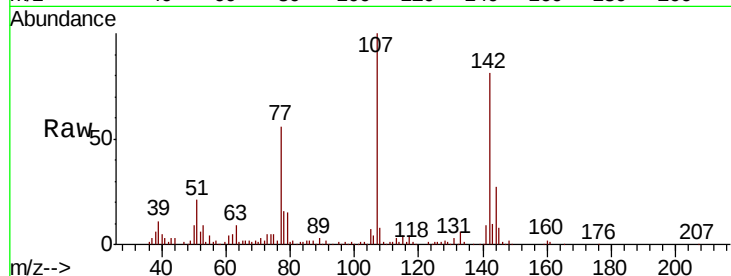




#33
 4-Chloro-3-methylphenol
 Concen: 26.934 ng/ul
 RT: 11.78 min Scan# 1495
 Delta R.T. -0.01 min
 Lab File: BM021643.D
 Acq: 25 Jul 2019 19:14

Instrument :
 BNA_M
 ClientSampleId :
 GAMR0MSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	26.9	21.0	31.4
142	81.0	64.4	96.6

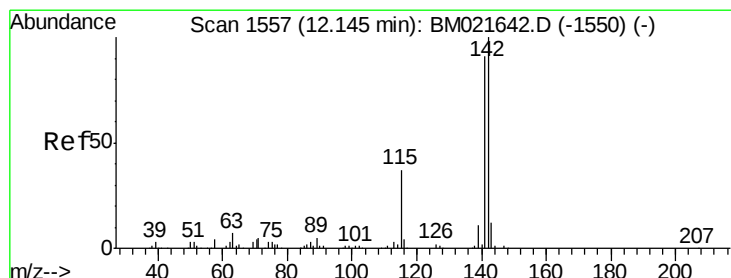
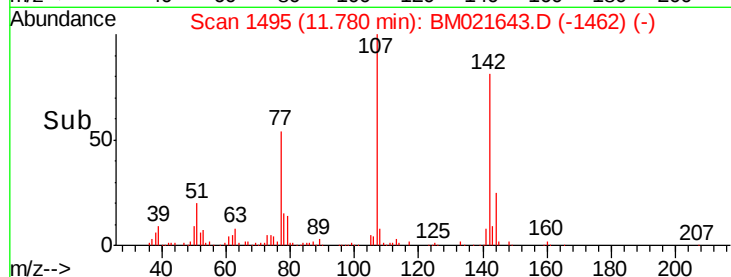
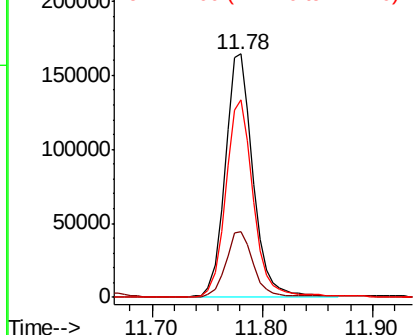


Abundance

Ion 107.00 (106.70 to 107.70): E

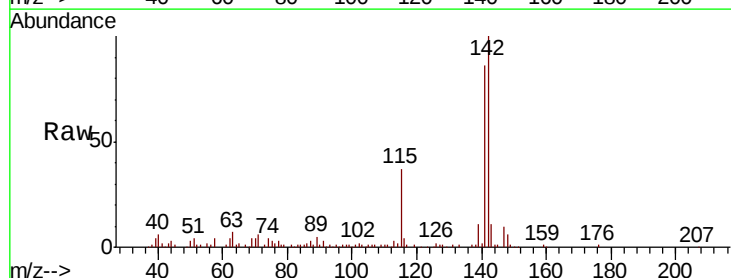
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#34
 2-Methylnaphthalene
 Concen: 7.626 ng/ul
 RT: 12.15 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BM021643.D
 Acq: 25 Jul 2019 19:14

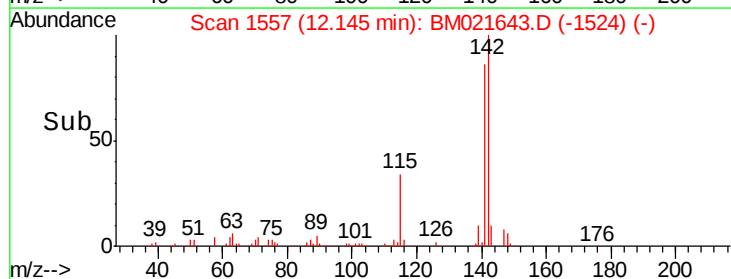
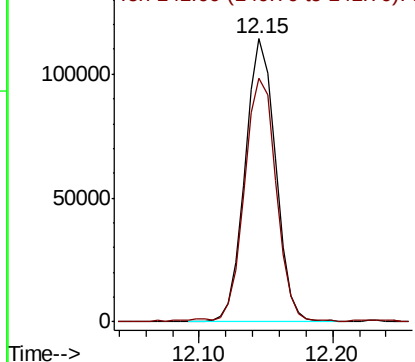
Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.1	72.2	108.4

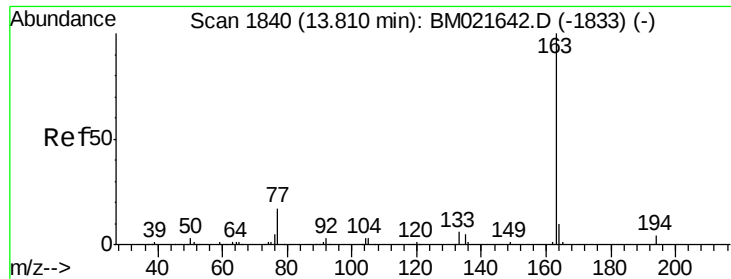


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

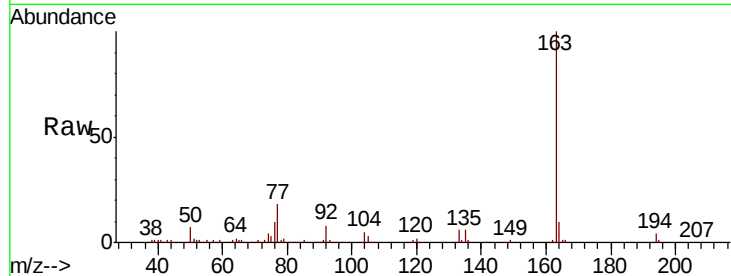




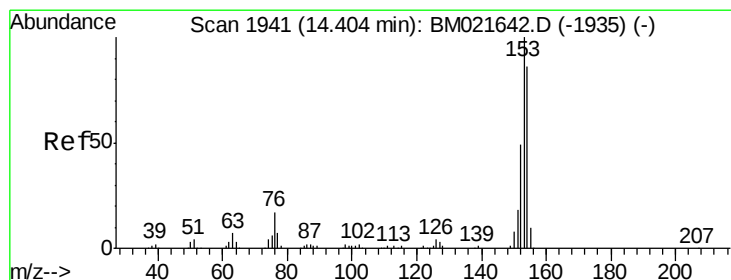
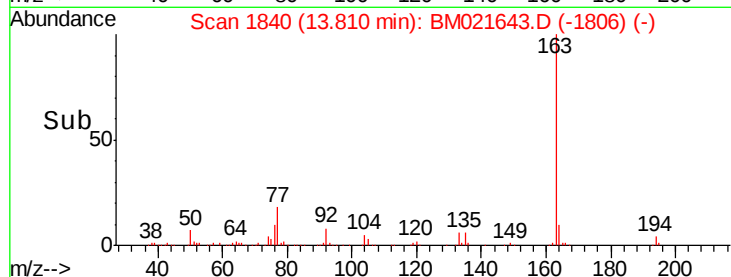
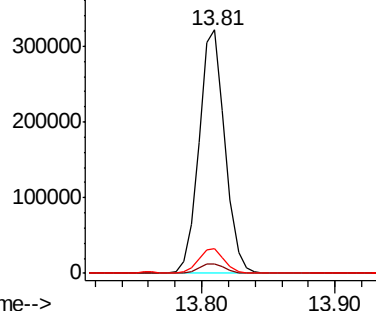
#44
Dimethylphthalate
Concen: 12.247 ng/ul
RT: 13.81 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BM021643.D
Acq: 25 Jul 2019 19:14

Instrument :
BNA_M
ClientSampleId :
GAMR0MSD

Tot Ion:163 Resp: 435813
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.0 8.2 12.4

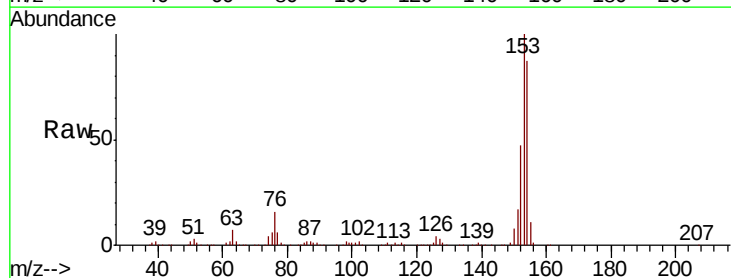


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

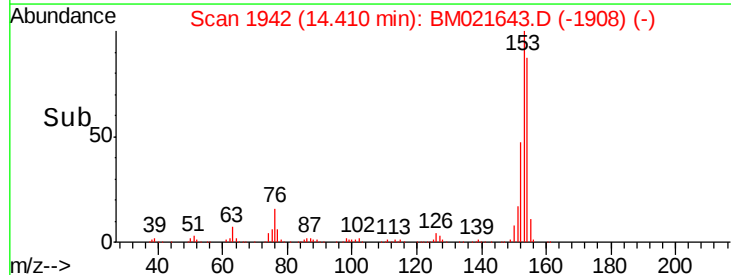
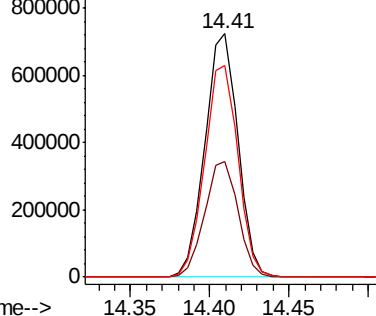


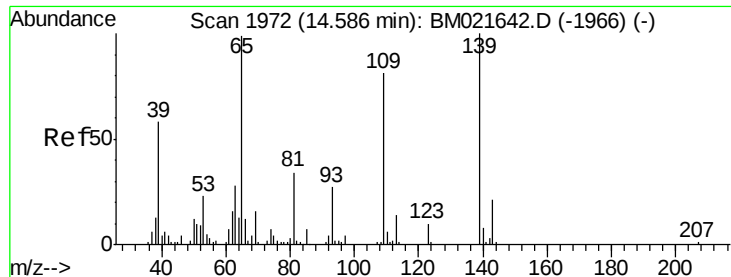
#49
Acenaphthene
Concen: 35.741 ng/ul
RT: 14.41 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BM021643.D
Acq: 25 Jul 2019 19:14

Tgt Ion:153 Resp: 1048710
Ion Ratio Lower Upper
153 100
152 47.4 38.6 57.8
154 87.1 69.0 103.4



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 11.683 ng/ul

RT: 14.59 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BM021643.D

Acq: 25 Jul 2019 19:14

Instrument :

BNA_M

ClientSampleId :

GAMR0MSD

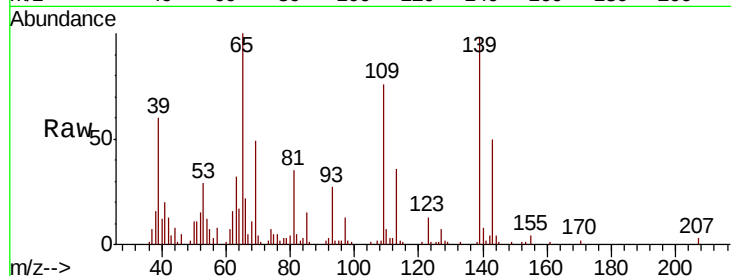
Tot Ion:109 Resp: 58678

Ion Ratio Lower Upper

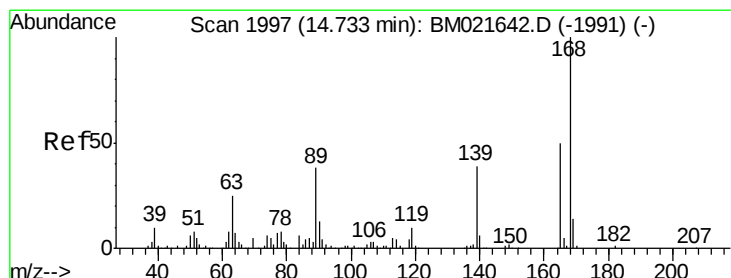
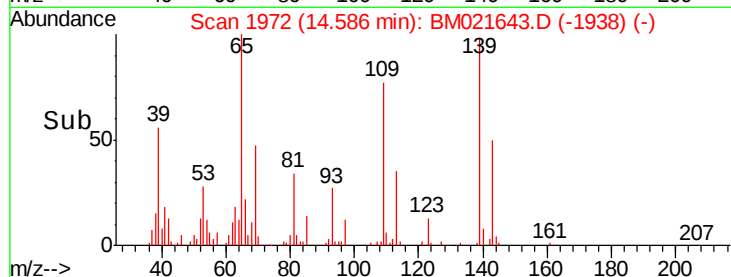
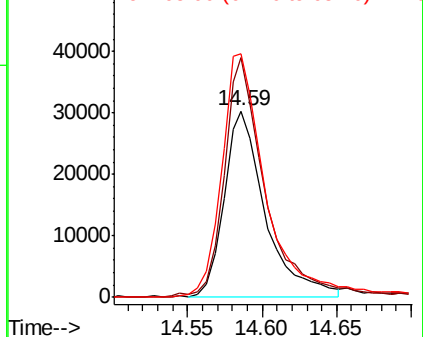
109 100

139 128.7 98.8 148.2

65 130.7 105.1 157.7



Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM



#54

2,4-Dinitrotoluene

Concen: 38.317 ng/ul

RT: 14.73 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BM021643.D

Acq: 25 Jul 2019 19:14

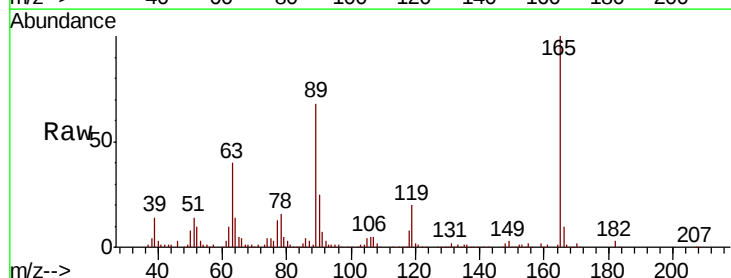
Tgt Ion:165 Resp: 384090

Ion Ratio Lower Upper

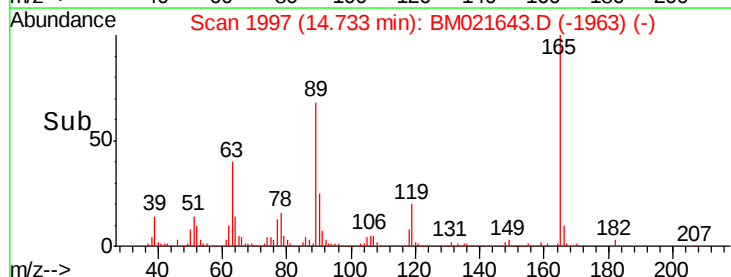
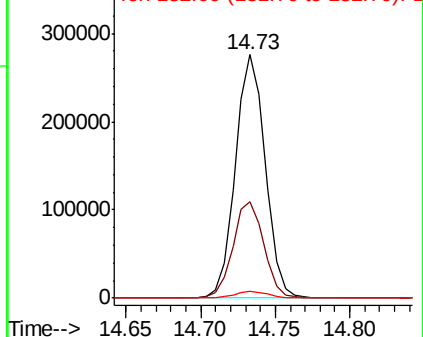
165 100

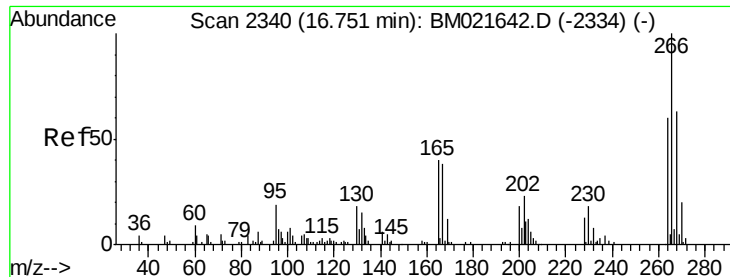
63 39.8 40.4 60.6#

182 2.8 2.2 3.2



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 182.00 (181.70 to 182.70): E

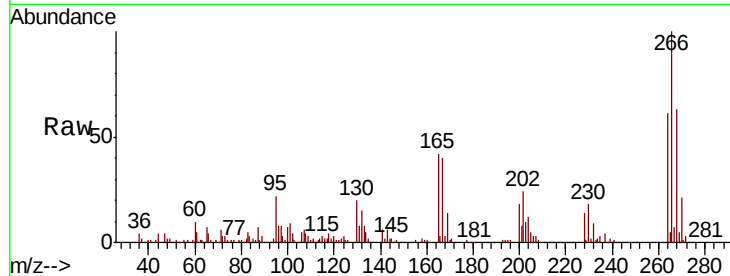




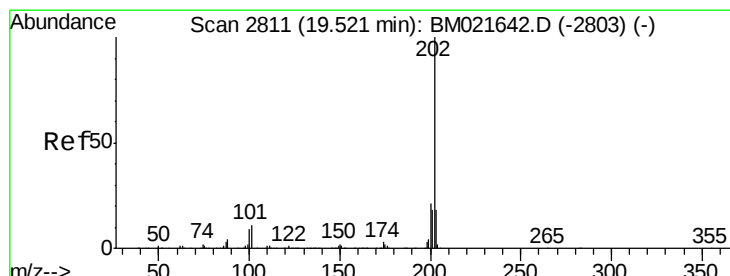
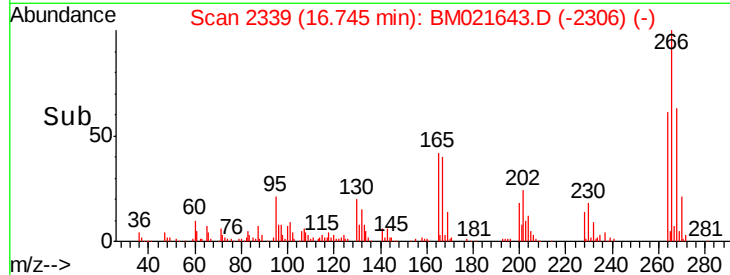
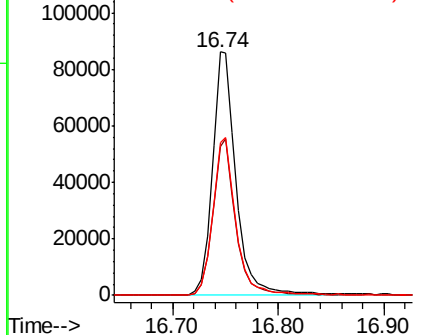
#68
 Pentachlorophenol
 Concen: 16.657 ng/ul
 RT: 16.74 min Scan# 2339
 Delta R.T. -0.01 min
 Lab File: BM021643.D
 Acq: 25 Jul 2019 19:14

Instrument :
 BNA_M
 ClientSampleId :
 GAMR0MSD

Tot Ion:266 Resp: 135100
 Ion Ratio Lower Upper
 266 100
 264 61.3 50.9 76.3
 268 63.0 49.7 74.5

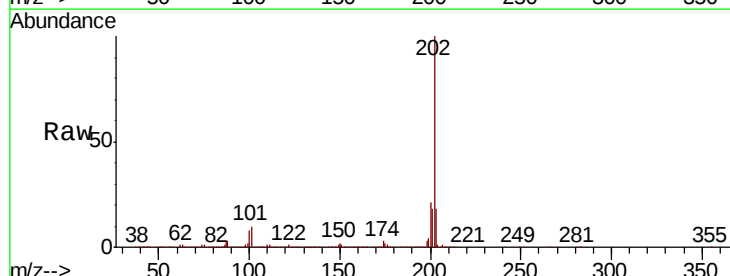


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 41.560 ng/ul
 RT: 19.53 min Scan# 2812
 Delta R.T. 0.00 min
 Lab File: BM021643.D
 Acq: 25 Jul 2019 19:14

Tgt Ion:202 Resp: 3176538
 Ion Ratio Lower Upper
 202 100
 101 10.0 8.6 13.0
 100 8.3 7.1 10.7



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): E

