

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
 Data File : BM021638.D
 Acq On : 25 Jul 2019 16:12
 Operator : HP/JU
 Sample : K3831-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GAMR0MSD

Quant Time: Jul 25 17:34:37 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	172162	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	765070	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	502093	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1115278	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1175026	20.00	ng/ul	0.00
85) Perylene-d12	23.53	264	1154808	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	14450	4.58	ng/uL	0.00
5) Phenol-d5	6.87	99	374050	25.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	235000	27.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	302712	26.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	154518	12.39	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	189890	33.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	179366	29.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	363672	26.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	156466	11.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1367269	31.78	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	1540453	29.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	73232	9.92	ng/ul	0.00
57) Fluorene-d10	15.34	176	1245050	32.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	32687	4.68	ng/ul	0.00
70) Anthracene-d10	17.20	188	1846912	33.66	ng/ul	0.00
78) Pyrene-d10	19.50	212	2262379	39.45	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	2041744	33.11	ng/ul	0.00

Target Compounds

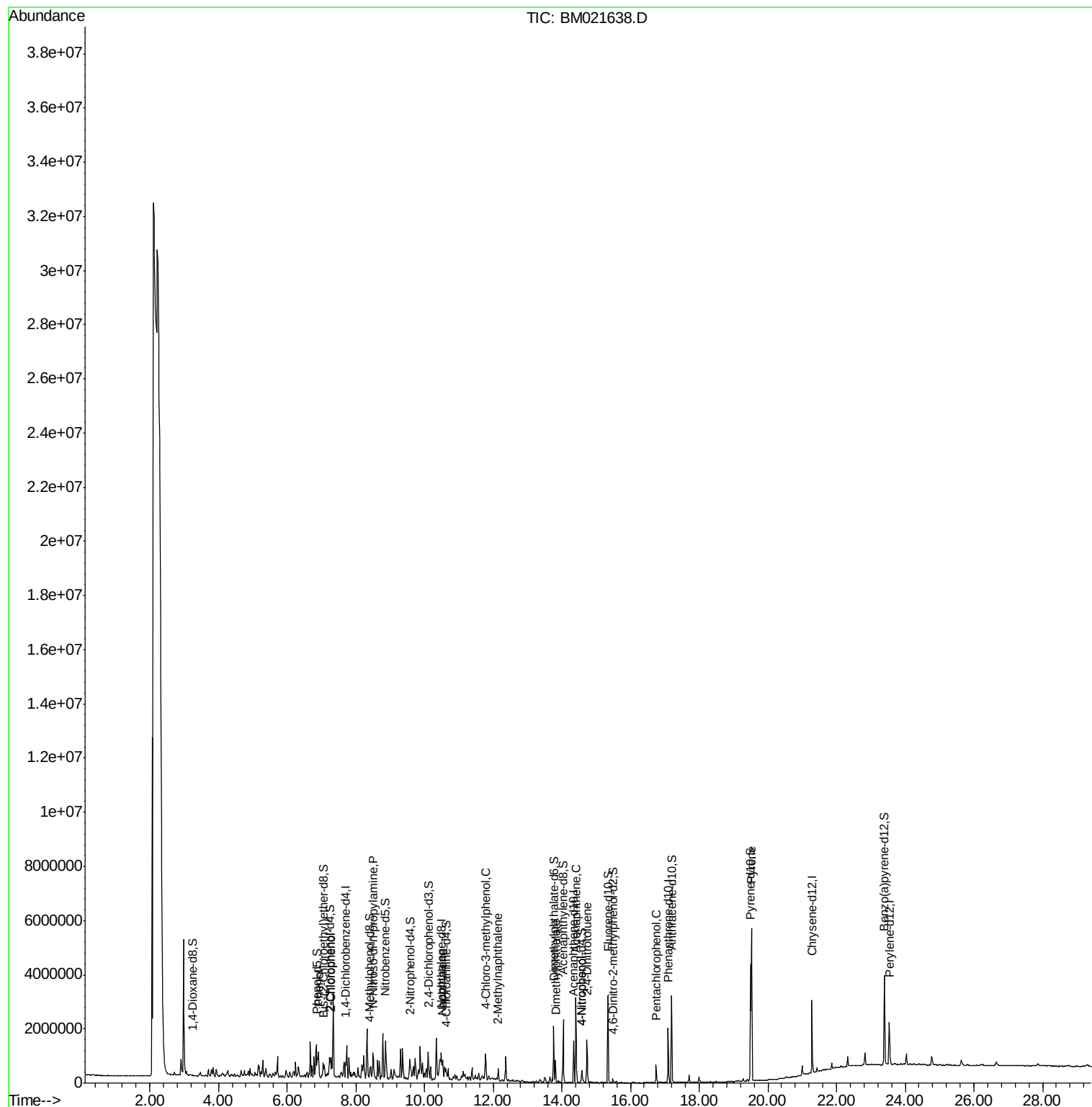
					Ovalue
6) Phenol	6.90	94	397523	28.297	ng/ul 97
10) 2-Chlorophenol	7.27	128	320344	29.006	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.51	70	316816	34.401	ng/ul 99
28) Naphthalene	10.53	128	193376	4.988	ng/ul# 91
33) 4-Chloro-3-methylphenol	11.78	107	344212	25.477	ng/ul 100
34) 2-Methylnaphthalene	12.14	142	220519	7.356	ng/ul 98
44) Dimethylphthalate	13.81	163	500417	12.117	ng/ul 99
49) Acenaphthene	14.41	153	1225498	35.986	ng/ul 99
52) 4-Nitrophenol	14.59	109	62680	10.753	ng/ul 91
54) 2,4-Dinitrotoluene	14.73	165	439276	37.758	ng/ul# 86
68) Pentachlorophenol	16.75	266	128825	14.826	ng/ul 97
79) Pyrene	19.53	202	3135395	44.795	ng/ul 99

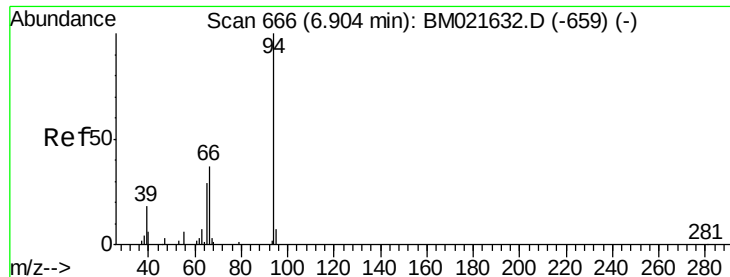
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 28.297 ng/ul

RT: 6.90 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BM021638.D

Acq: 25 Jul 2019 16:12

Instrument :

BNA_M

ClientSampleId :

GAMR0MSD

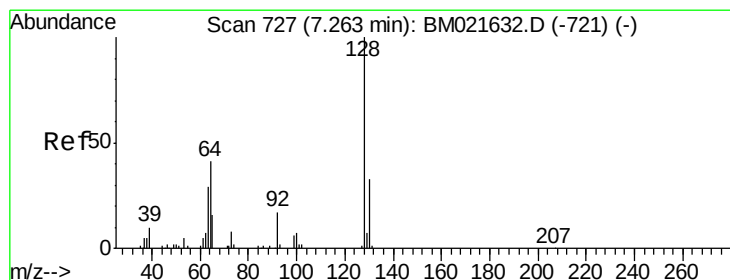
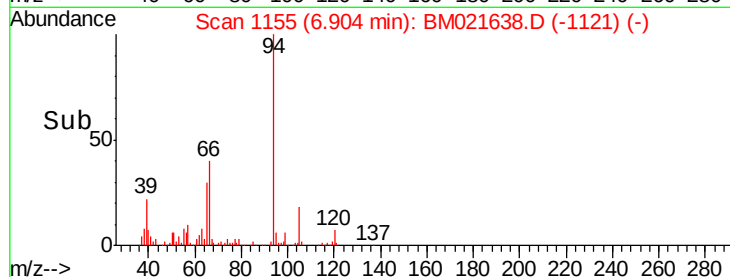
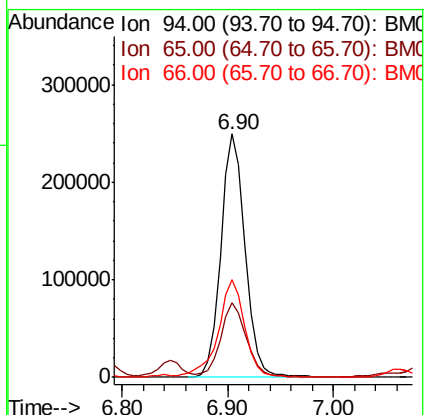
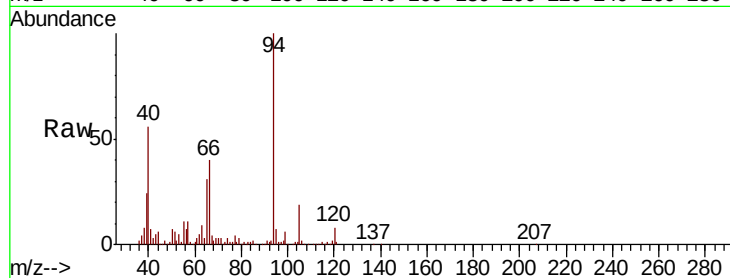
Tot Ion: 94 Resp: 397523

Ion Ratio Lower Upper

94 100

65 30.5 23.3 34.9

66 40.0 33.2 49.8



#10

2-Chlorophenol

Concen: 29.006 ng/ul

RT: 7.27 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BM021638.D

Acq: 25 Jul 2019 16:12

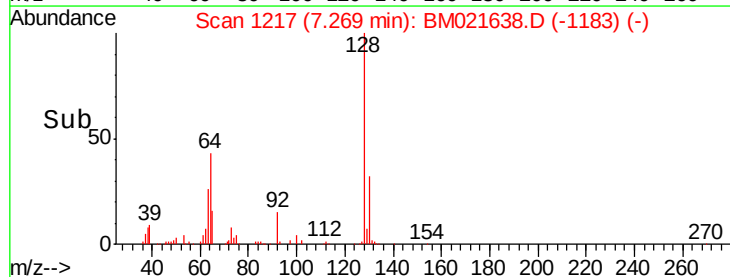
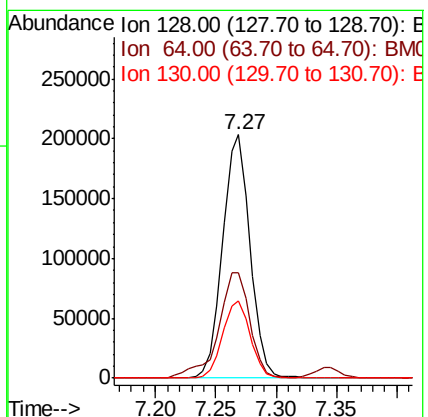
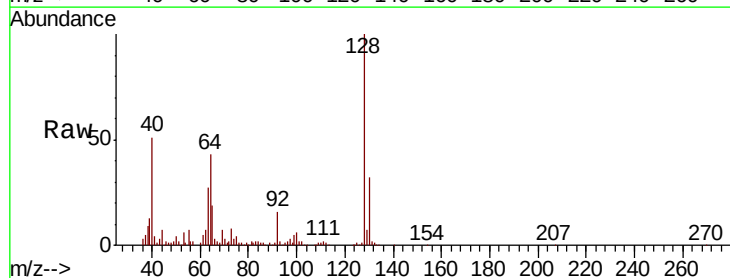
Tgt Ion: 128 Resp: 320344

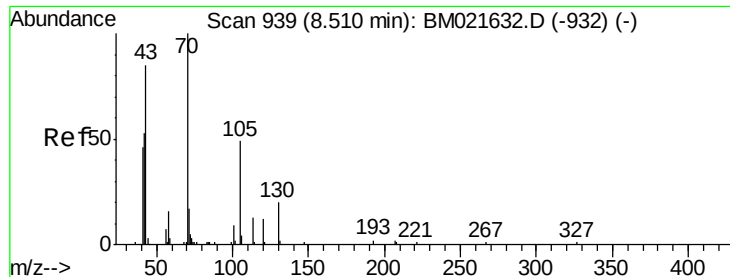
Ion Ratio Lower Upper

128 100

64 43.1 35.2 52.8

130 31.9 24.7 37.1

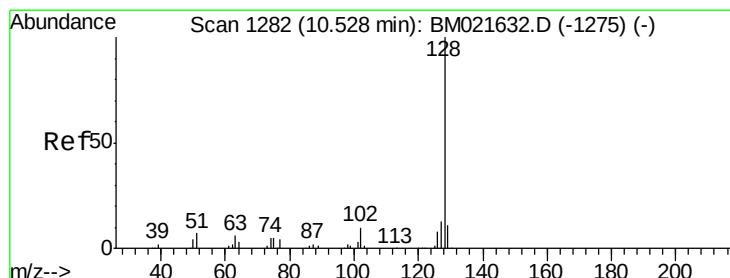
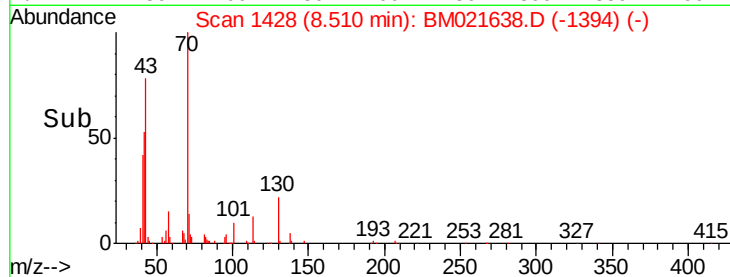
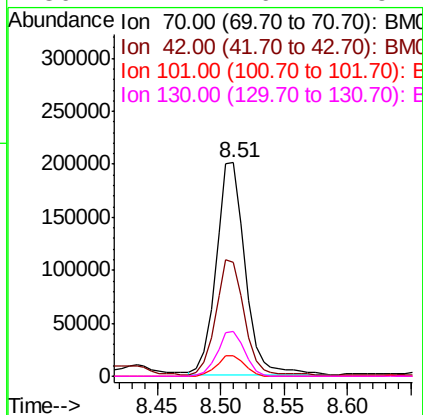
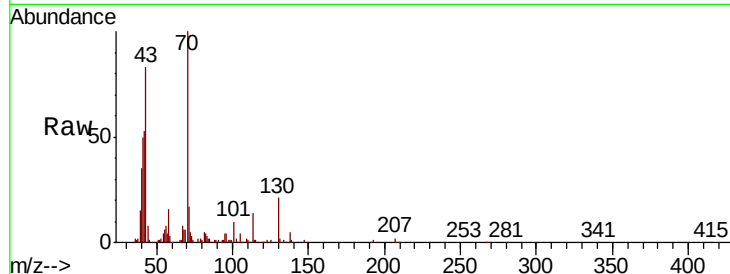




#15
N-Nitroso-di-n-propylamine
Concen: 34.401 ng/ul
RT: 8.51 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BM021638.D
Acq: 25 Jul 2019 16:12

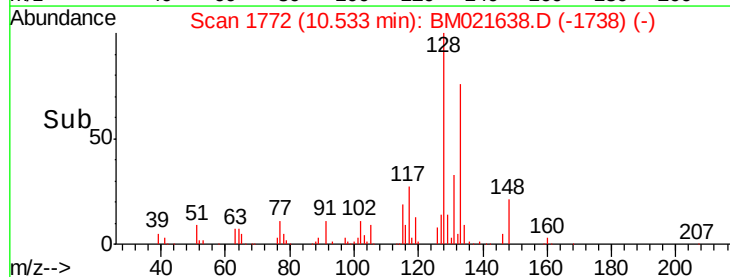
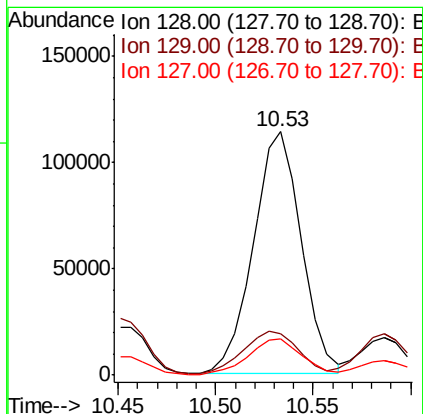
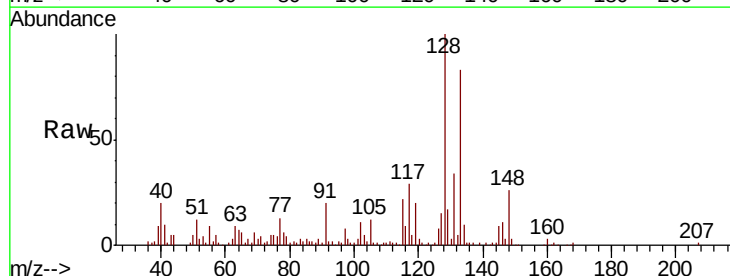
Instrument :
BNA_M
ClientSampleId :
GAMR0MSD

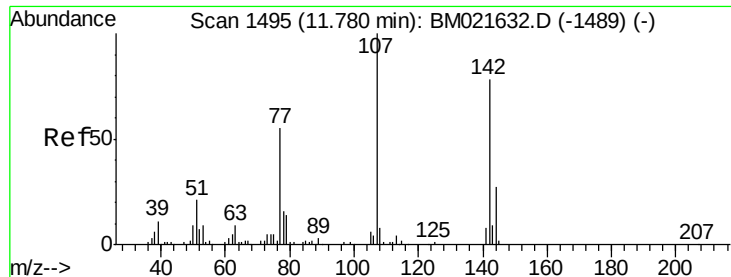
Tot Ion	Ratio	Lower	Upper
70	100		
42	53.4	42.2	63.2
101	9.9	7.6	11.4
130	21.2	16.7	25.1



#28
Naphthalene
Concen: 4.988 ng/ul
RT: 10.53 min Scan# 1772
Delta R.T. -0.00 min
Lab File: BM021638.D
Acq: 25 Jul 2019 16:12

Tgt Ion	Ratio	Lower	Upper
128	100		
129	17.1	8.9	13.3#
127	14.8	10.8	16.2

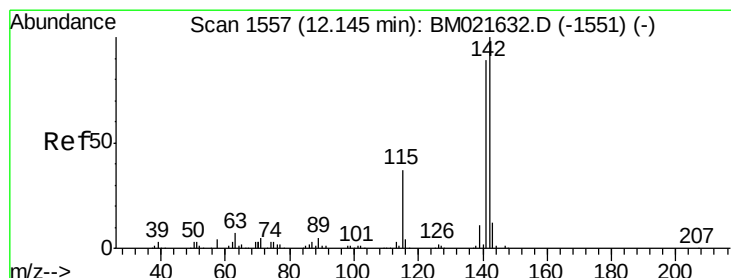
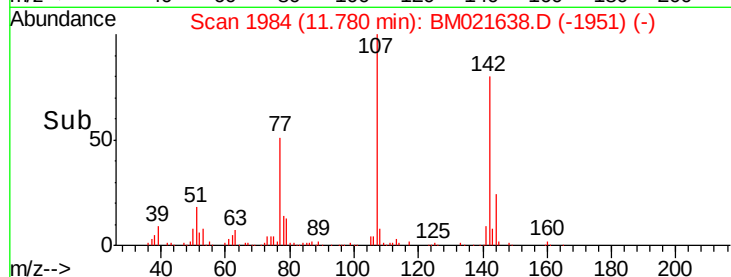
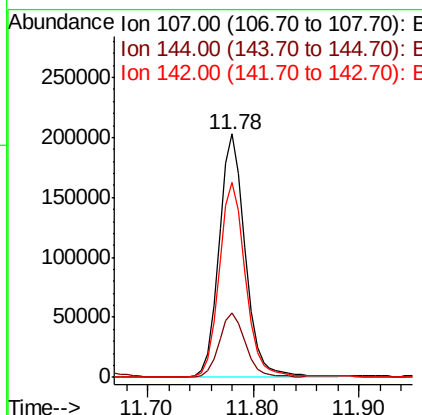
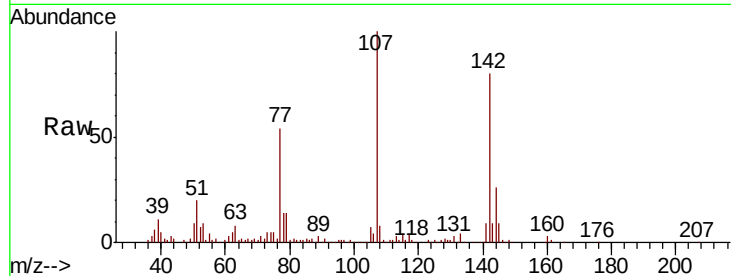




#33
 4-Chloro-3-methylphenol
 Concen: 25.477 ng/ul
 RT: 11.78 min Scan# 1984
 Delta R.T. -0.01 min
 Lab File: BM021638.D
 Acq: 25 Jul 2019 16:12

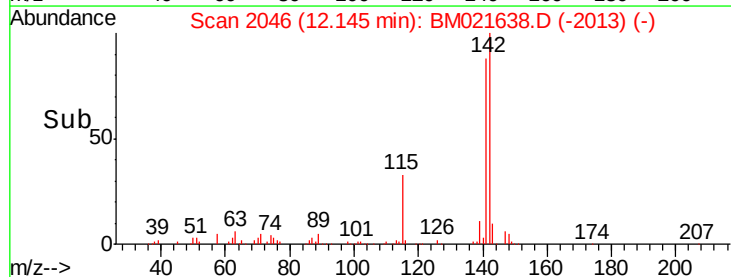
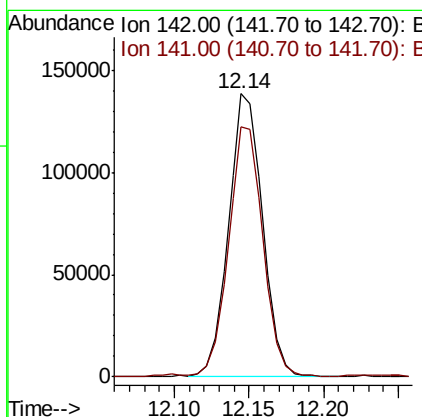
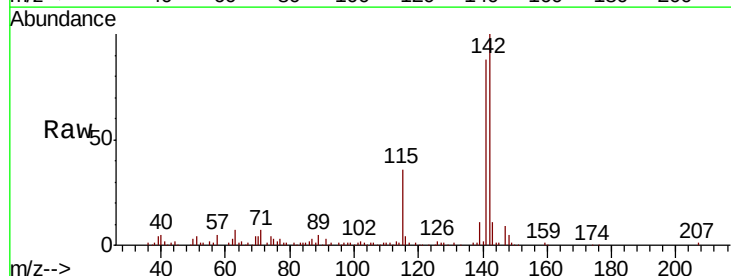
Instrument :
 BNA_M
 ClientSampleId :
 GAMR0MSD

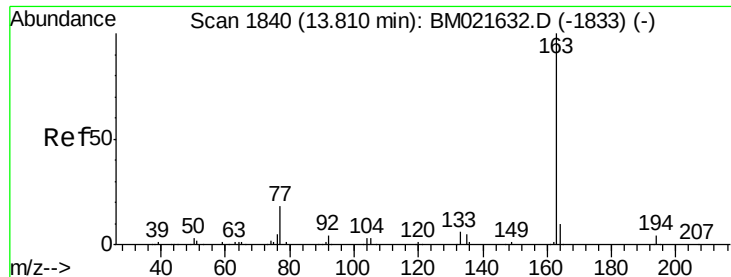
Tot Ion:107 Resp: 344212
 Ion Ratio Lower Upper
 107 100
 144 26.3 21.0 31.4
 142 80.1 64.4 96.6



#34
 2-Methylnaphthalene
 Concen: 7.356 ng/ul
 RT: 12.14 min Scan# 2046
 Delta R.T. -0.01 min
 Lab File: BM021638.D
 Acq: 25 Jul 2019 16:12

Tgt Ion:142 Resp: 220519
 Ion Ratio Lower Upper
 142 100
 141 88.5 72.2 108.4





#44

Dimethylphthalate

Concen: 12.117 ng/ul

RT: 13.81 min Scan# 2329

Delta R.T. -0.00 min

Lab File: BM021638.D

Acq: 25 Jul 2019 16:12

Instrument :

BNA_M

ClientSampleId :

GAMR0MSD

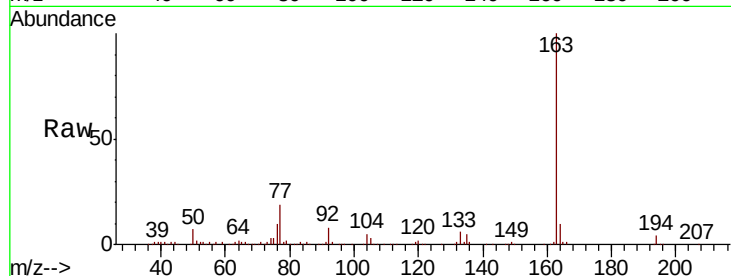
Tot Ion:163 Resp: 500417

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

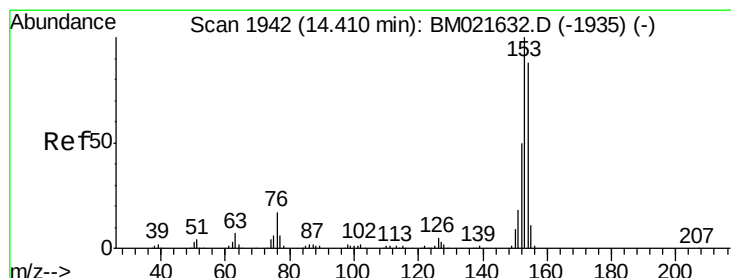
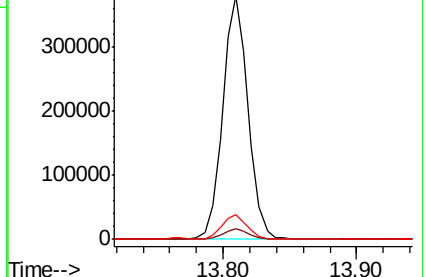
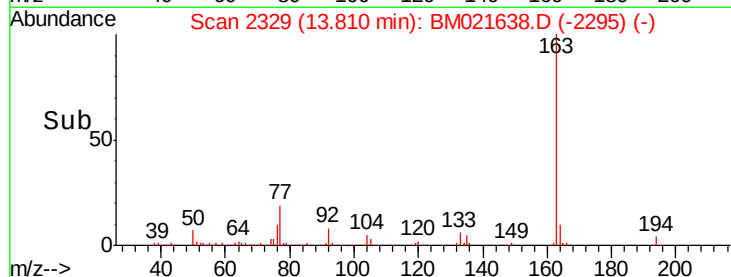
164 9.9 8.2 12.4



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: 35.986 ng/ul

RT: 14.41 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BM021638.D

Acq: 25 Jul 2019 16:12

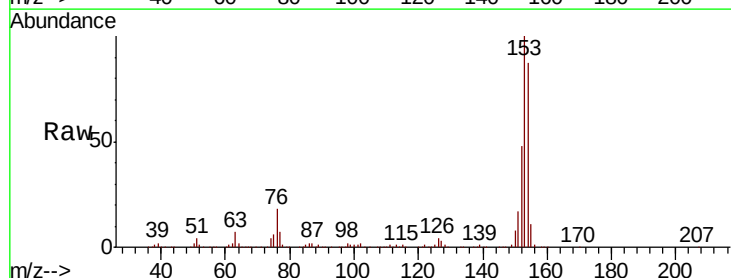
Tgt Ion:153 Resp: 1225498

Ion Ratio Lower Upper

153 100

152 48.3 38.6 57.8

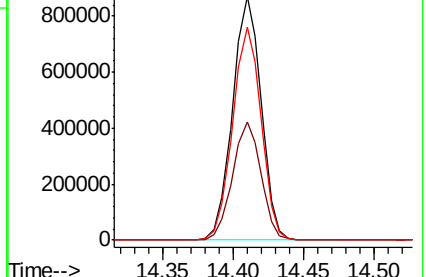
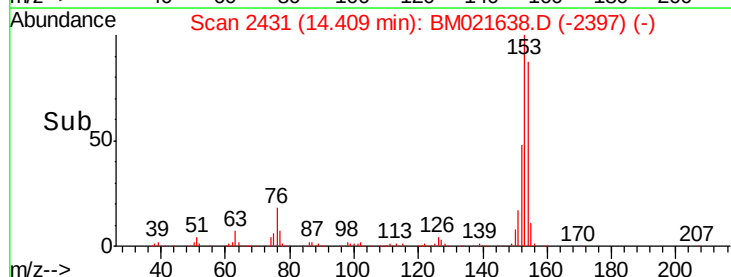
154 87.3 69.0 103.4

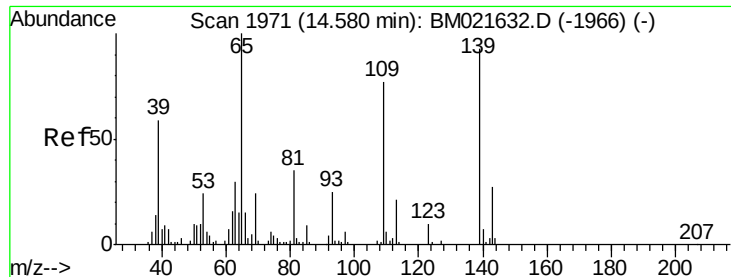


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

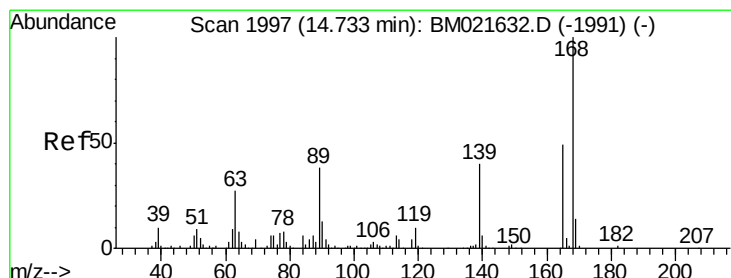
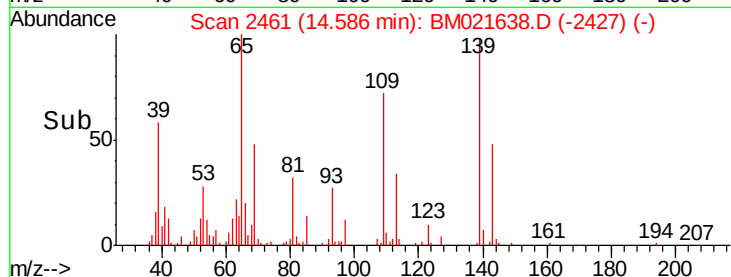
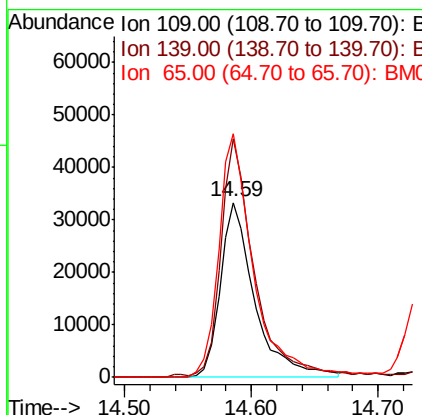
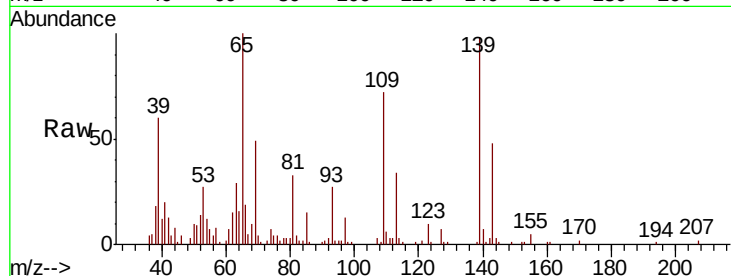




#52
4-Nitrophenol
Concen: 10.753 ng/ul
RT: 14.59 min Scan# 2461
Delta R.T. -0.00 min
Lab File: BM021638.D
Acq: 25 Jul 2019 16:12

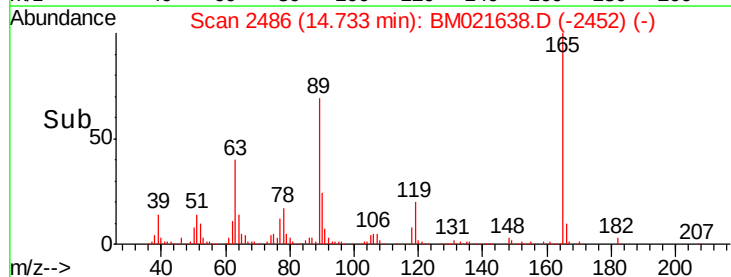
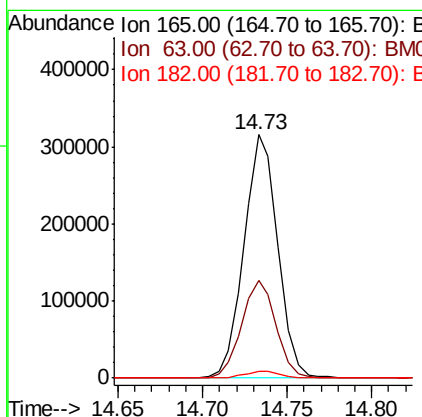
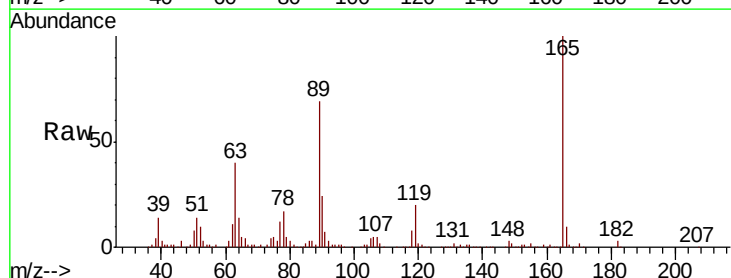
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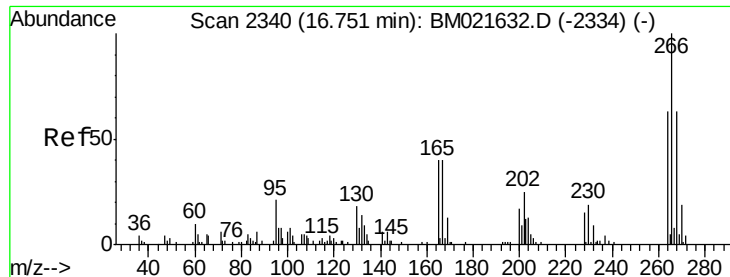
Tot Ion:109 Resp: 62680
Ion Ratio Lower Upper
109 100
139 136.7 98.8 148.2
65 139.3 105.1 157.7



#54
2,4-Dinitrotoluene
Concen: 37.758 ng/ul
RT: 14.73 min Scan# 2486
Delta R.T. -0.00 min
Lab File: BM021638.D
Acq: 25 Jul 2019 16:12

Tgt Ion:165 Resp: 439276
Ion Ratio Lower Upper
165 100
63 40.0 40.4 60.6#
182 2.8 2.2 3.2

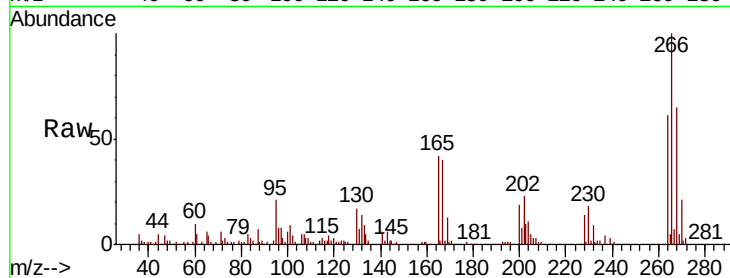




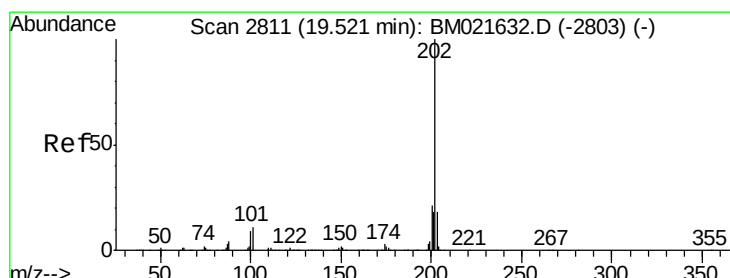
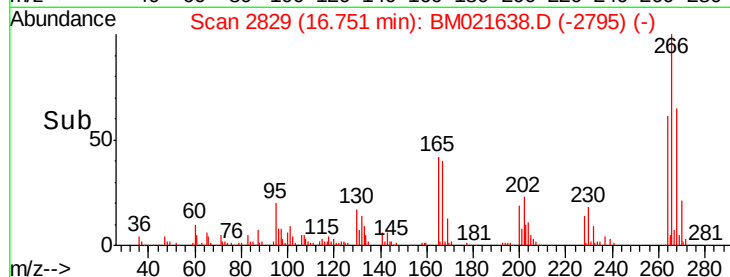
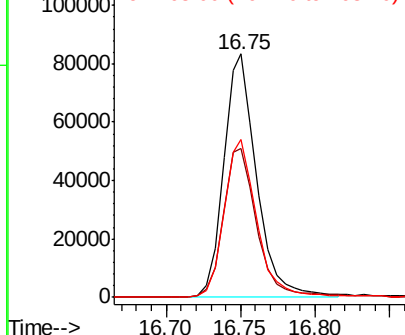
#68
 Pentachlorophenol
 Concen: 14.826 ng/ul
 RT: 16.75 min Scan# 2829
 Delta R.T. -0.00 min
 Lab File: BM021638.D
 Acq: 25 Jul 2019 16:12

Instrument :
 BNA_M
 ClientSampleId :
 GAMR0MSD

Tot Ion	Ratio	Lower	Upper
266	100		
264	60.9	50.9	76.3
268	64.7	49.7	74.5

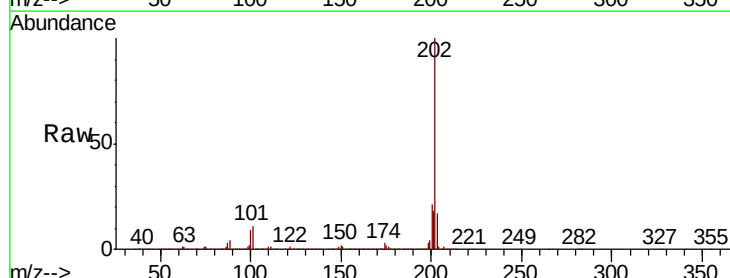


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 44.795 ng/ul
 RT: 19.53 min Scan# 3301
 Delta R.T. -0.00 min
 Lab File: BM021638.D
 Acq: 25 Jul 2019 16:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.6	13.0
100	9.2	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): B

