

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072319\
 Data File : BM021621.D
 Acq On : 23 Jul 2019 21:26
 Operator : HP/JU
 Sample : K3890-08MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52J2MSD

Quant Time: Jul 24 01:46:37 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	110974	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	490381	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	349302	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	839034	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	986478	20.00	ng/ul	0.00
85) Perylene-d12	23.54	264	1223721	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	14400	7.07	ng/uL	0.00
5) Phenol-d5	6.88	99	79108	8.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	176935	32.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	207041	28.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	147500	18.35	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	133358	36.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	141341	36.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	277763	31.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	37752	4.48	ng/ul	0.01
43) Dimethylphthalate-d6	13.76	166	1093472	36.53	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	1200686	32.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	28164	5.49	ng/ul	0.00
57) Fluorene-d10	15.34	176	954268	35.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	139276	26.51	ng/ul	0.00
70) Anthracene-d10	17.20	188	1636465	39.64	ng/ul	0.00
78) Pyrene-d10	19.50	212	2062926	42.85	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.40	264	2561013	39.20	ng/ul	0.00

Target Compounds

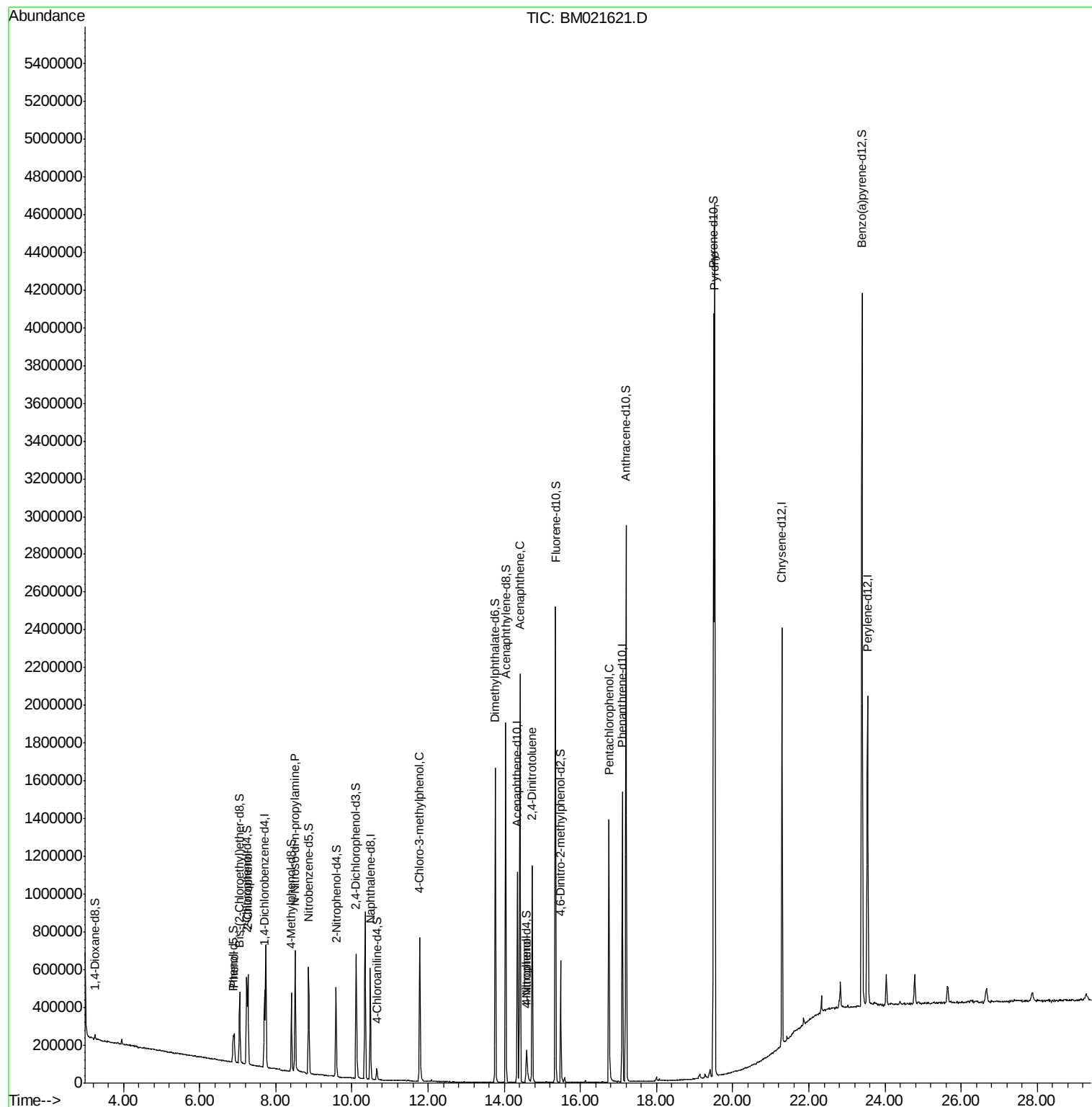
					Ovalue
6) Phenol	6.90	94	82963	9.162	ng/ul 99
10) 2-Chlorophenol	7.27	128	207948	29.210	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.51	70	232755	39.208	ng/ul 99
33) 4-Chloro-3-methylphenol	11.78	107	283263	32.709	ng/ul 99
49) Acenaphthene	14.41	153	845478	35.687	ng/ul 98
52) 4-Nitrophenol	14.59	109	28891	7.124	ng/ul 98
54) 2,4-Dinitrotoluene	14.73	165	307043	37.937	ng/ul 91
68) Pentachlorophenol	16.75	266	263706	40.342	ng/ul 98
79) Pvrene	19.53	202	2652183	45.134	ng/ul 98

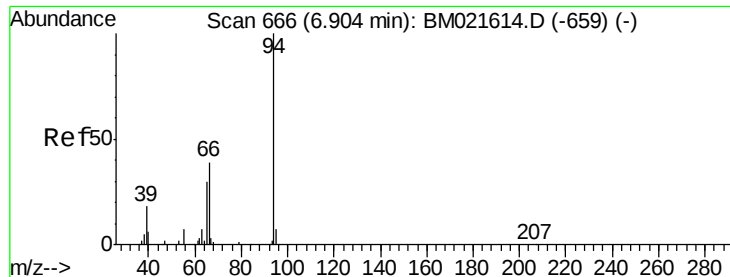
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 9.162 ng/ul

RT: 6.90 min Scan# 666

Delta R.T. 0.00 min

Lab File: BM021621.D

Acq: 23 Jul 2019 21:26

Instrument :

BNA_M

ClientSampleId :

A52J2MSD

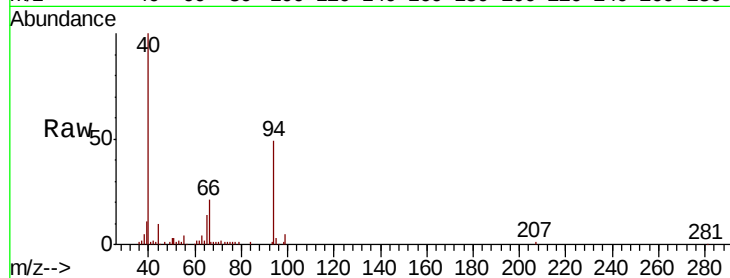
Tot Ion: 94 Resp: 82963

Ion Ratio Lower Upper

94 100

65 29.6 23.3 34.9

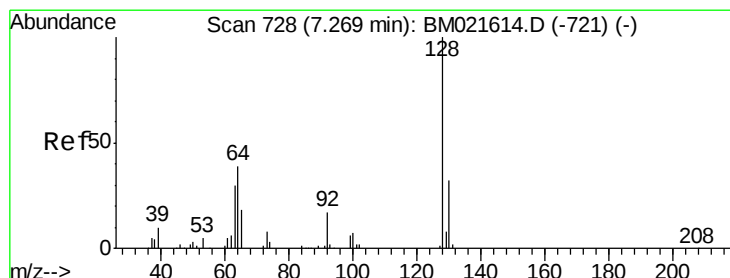
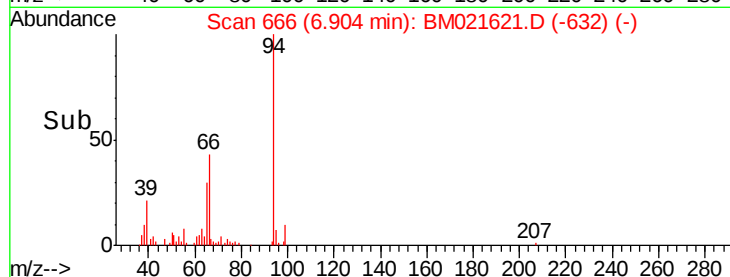
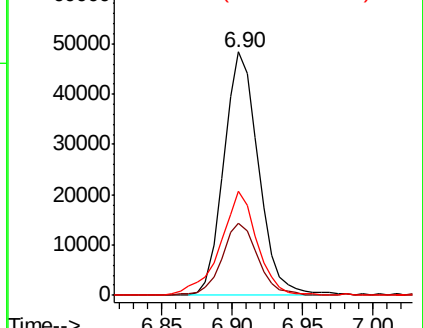
66 42.6 33.2 49.8



Abundance Ion 94.00 (93.70 to 94.70): BM021614.D (-659) (-)

Ion 65.00 (64.70 to 65.70): BM021614.D (-659) (-)

Ion 66.00 (65.70 to 66.70): BM021614.D (-659) (-)



#10

2-Chlorophenol

Concen: 29.210 ng/ul

RT: 7.27 min Scan# 728

Delta R.T. 0.00 min

Lab File: BM021621.D

Acq: 23 Jul 2019 21:26

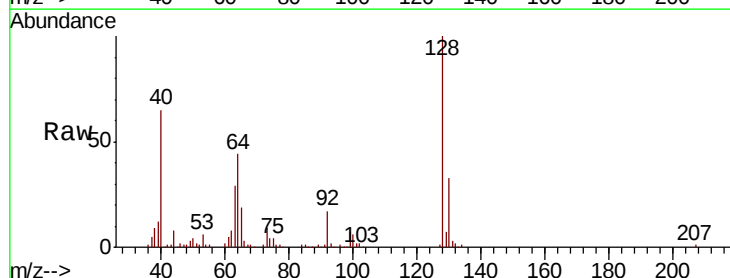
Tgt Ion: 128 Resp: 207948

Ion Ratio Lower Upper

128 100

64 44.3 35.2 52.8

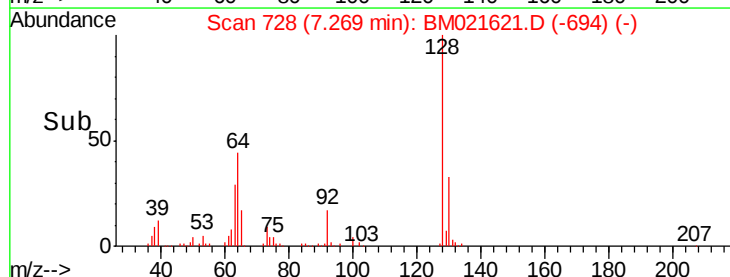
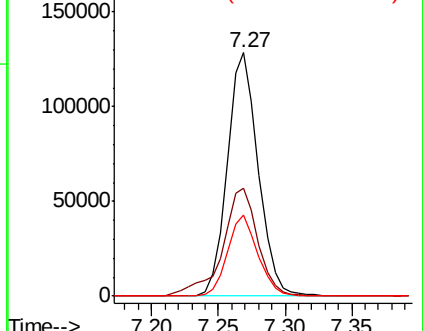
130 33.1 24.7 37.1

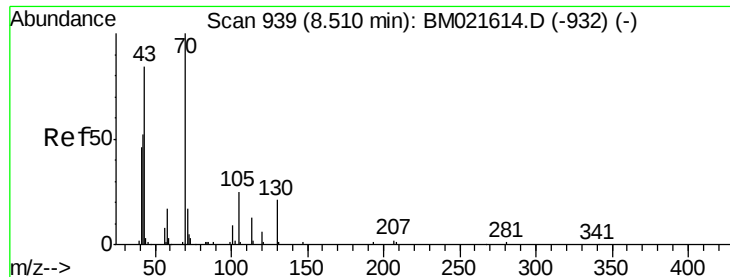


Abundance Ion 128.00 (127.70 to 128.70): BM021614.D (-721) (-)

Ion 64.00 (63.70 to 64.70): BM021614.D (-721) (-)

Ion 130.00 (129.70 to 130.70): BM021614.D (-721) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 39.208 ng/ul

RT: 8.51 min Scan# 939

Delta R.T. 0.00 min

Lab File: BM021621.D

Acq: 23 Jul 2019 21:26

Instrument :

BNA_M

ClientSampleId :

A52J2MSD

Tot Ion: 70 Resp: 232755

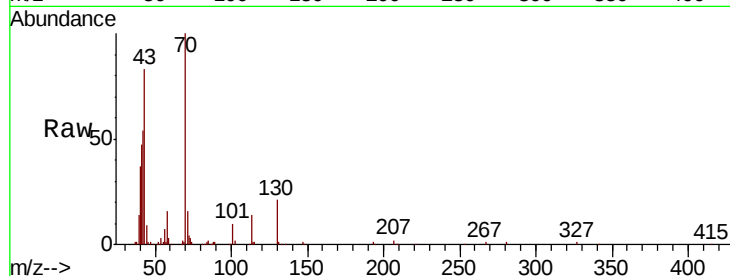
Ion	Ratio	Lower	Upper
70	100		
42	53.7	42.2	63.2
101	9.7	7.6	11.4
130	20.7	16.7	25.1

70 100

42 53.7 42.2 63.2

101 9.7 7.6 11.4

130 20.7 16.7 25.1

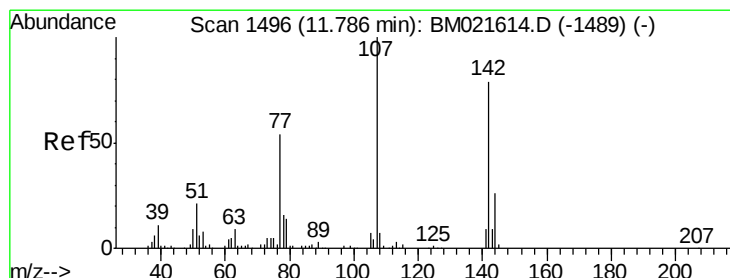
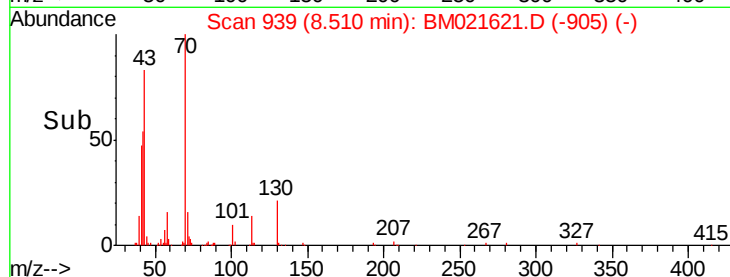
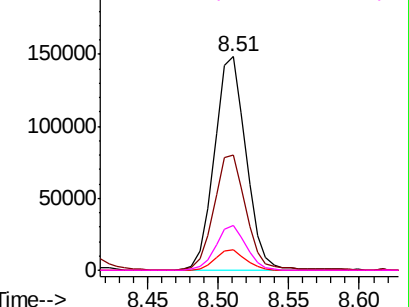


Abundance Ion 70.00 (69.70 to 70.70): BM021621.D (-905) (-)

Ion 42.00 (41.70 to 42.70): BM021621.D (-905) (-)

Ion 101.00 (100.70 to 101.70): BM021621.D (-905) (-)

Ion 130.00 (129.70 to 130.70): BM021621.D (-905) (-)



#33

4-Chloro-3-methylphenol

Concen: 32.709 ng/ul

RT: 11.78 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BM021621.D

Acq: 23 Jul 2019 21:26

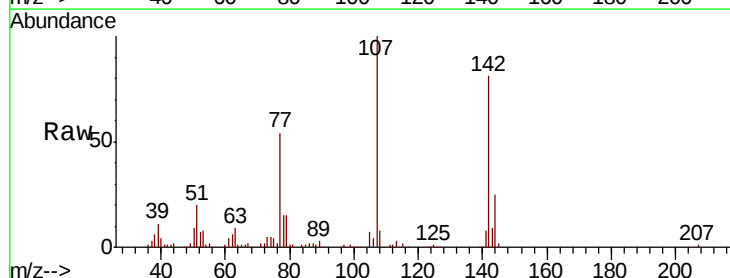
Tgt Ion: 107 Resp: 283263

Ion	Ratio	Lower	Upper
107	100		
144	25.4	21.0	31.4
142	80.7	64.4	96.6

107 100

144 25.4 21.0 31.4

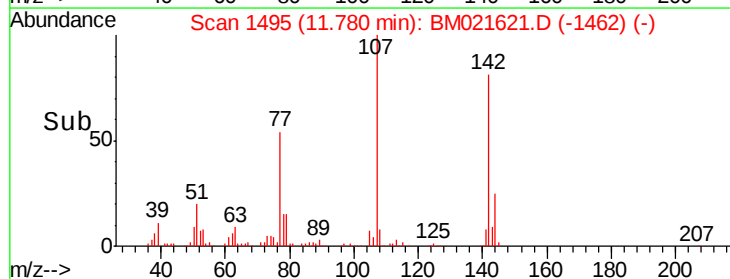
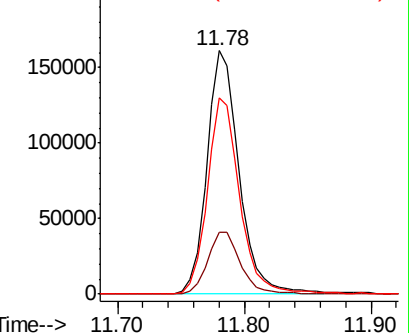
142 80.7 64.4 96.6

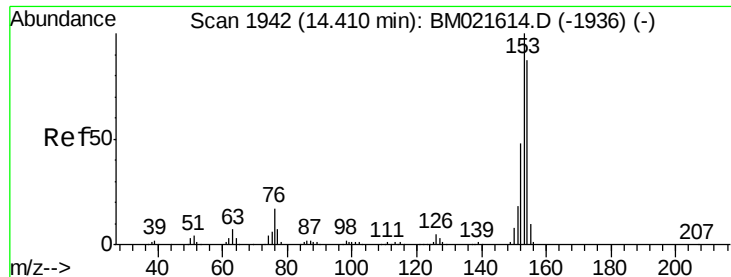


Abundance Ion 107.00 (106.70 to 107.70): BM021621.D (-1462) (-)

Ion 144.00 (143.70 to 144.70): BM021621.D (-1462) (-)

Ion 142.00 (141.70 to 142.70): BM021621.D (-1462) (-)





#49

Acenaphthene

Concen: 35.687 ng/ul

RT: 14.41 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BM021621.D

Acq: 23 Jul 2019 21:26

Instrument :

BNA_M

ClientSampleId :

A52J2MSD

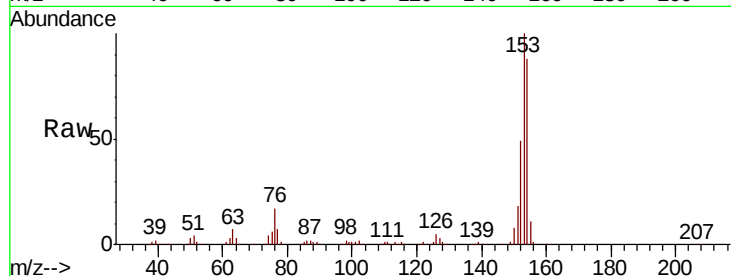
Tot Ion:153 Resp: 845478

Ion Ratio Lower Upper

153 100

152 49.1 38.6 57.8

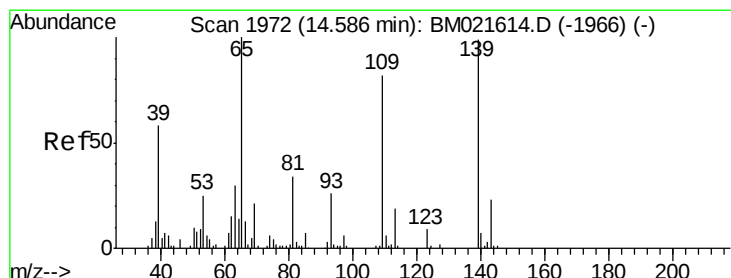
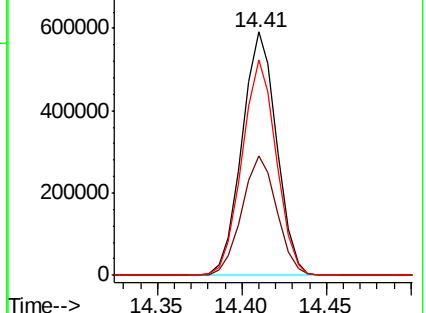
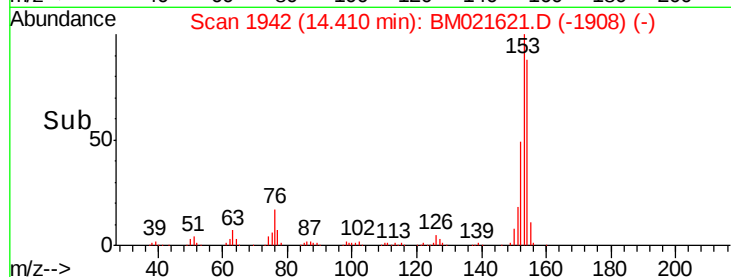
154 88.3 69.0 103.4



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: 7.124 ng/ul

RT: 14.59 min Scan# 1973

Delta R.T. 0.01 min

Lab File: BM021621.D

Acq: 23 Jul 2019 21:26

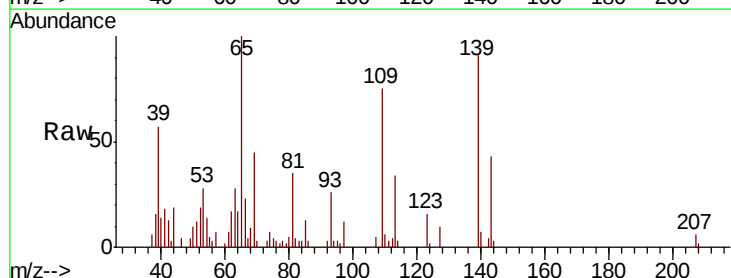
Tgt Ion:109 Resp: 28891

Ion Ratio Lower Upper

109 100

139 120.2 98.8 148.2

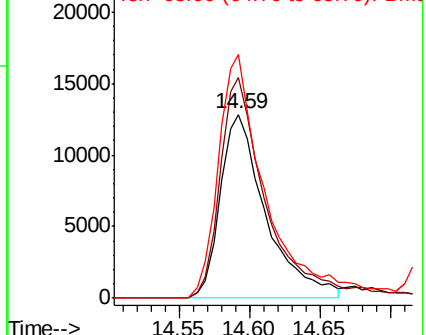
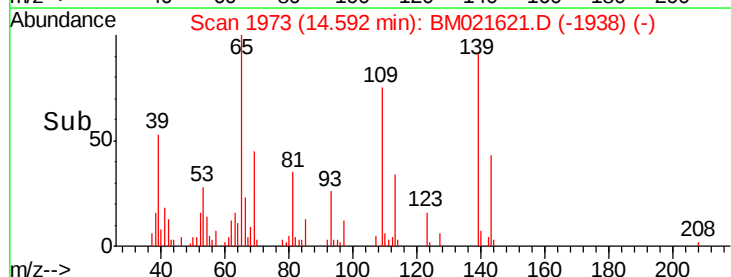
65 132.7 105.1 157.7

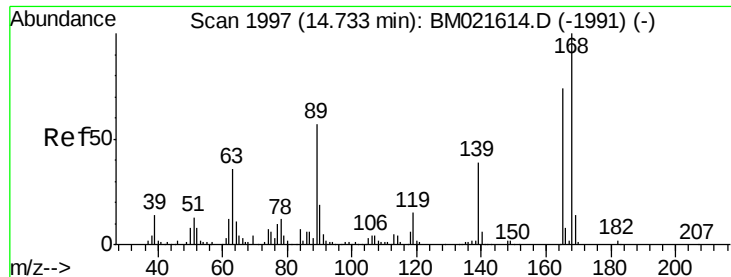


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

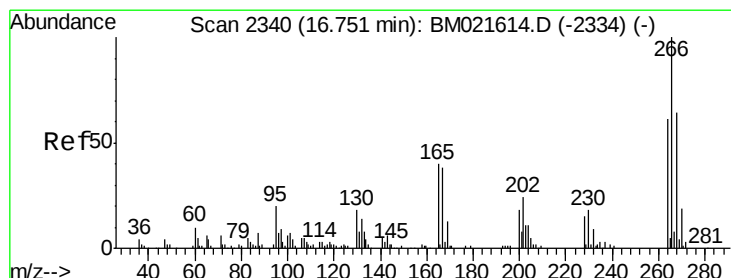
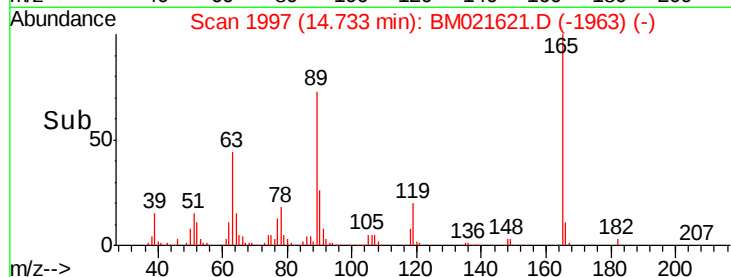
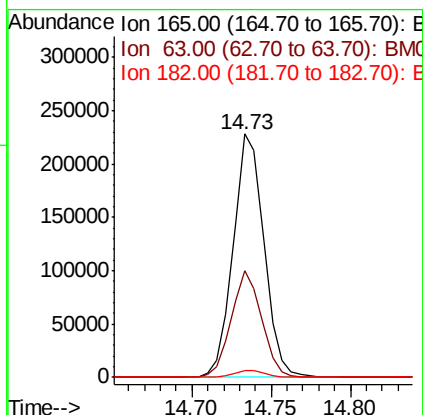
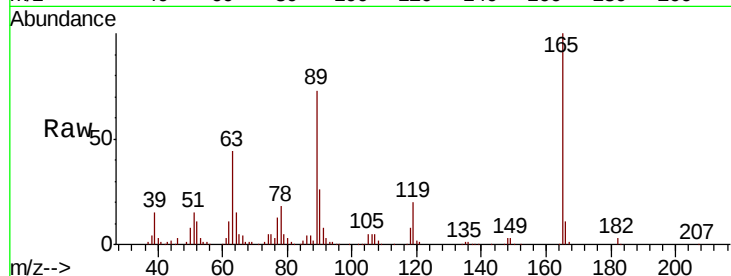




#54
 2,4-Dinitrotoluene
 Concen: 37.937 ng/ul
 RT: 14.73 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BM021621.D
 Acq: 23 Jul 2019 21:26

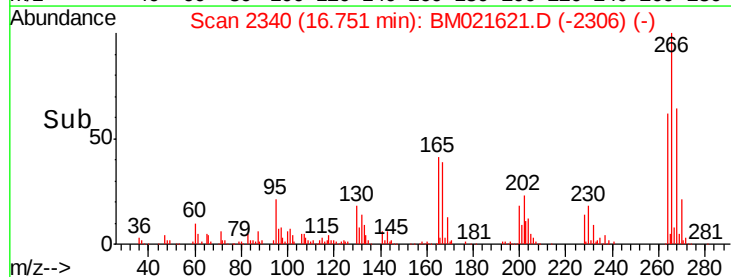
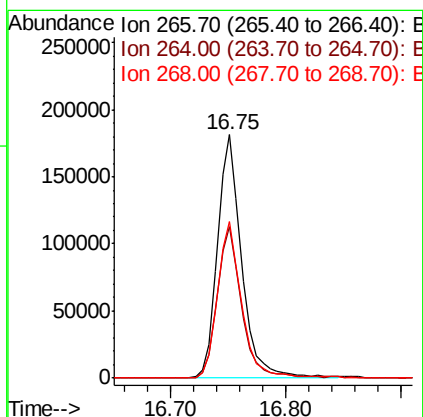
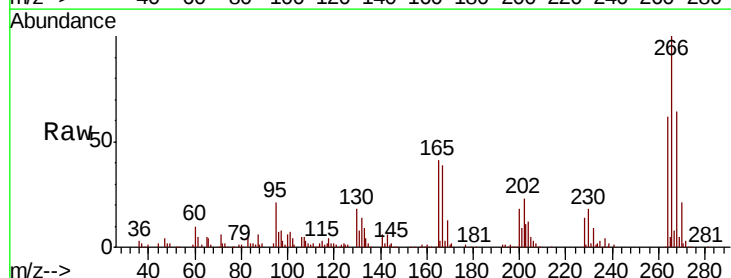
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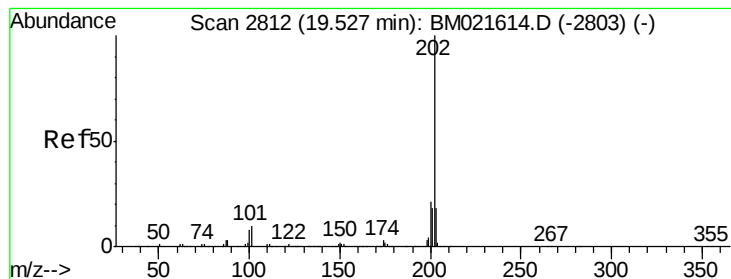
Tot Ion:165 Resp: 307043
 Ion Ratio Lower Upper
 165 100
 63 43.7 40.4 60.6
 182 2.9 2.2 3.2



#68
 Pentachlorophenol
 Concen: 40.342 ng/ul
 RT: 16.75 min Scan# 2340
 Delta R.T. 0.00 min
 Lab File: BM021621.D
 Acq: 23 Jul 2019 21:26

Tgt Ion:266 Resp: 263706
 Ion Ratio Lower Upper
 266 100
 264 62.4 50.9 76.3
 268 64.5 49.7 74.5





#79

Pvrene

Concen: 45.134 ng/ul

RT: 19.53 min Scan# 2812

Delta R.T. 0.00 min

Lab File: BM021621.D

Acq: 23 Jul 2019 21:26

Instrument :

BNA_M

ClientSampleId :

A52J2MSD

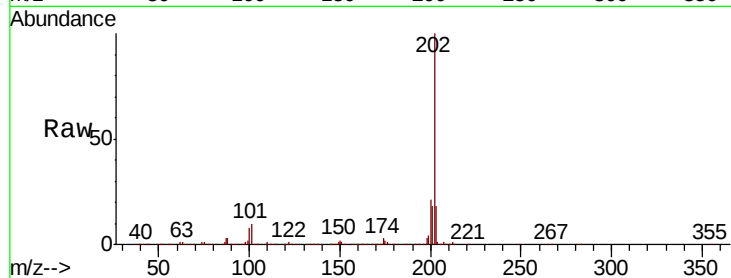
Tot Ion:202 Resp: 2652183

Ion Ratio Lower Upper

202 100

101 10.1 8.6 13.0

100 8.4 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

