

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

Instrument :
 BNA_M
 ClientSampleId :
 A52J2MSD

Quant Time: Jul 24 01:24:57 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

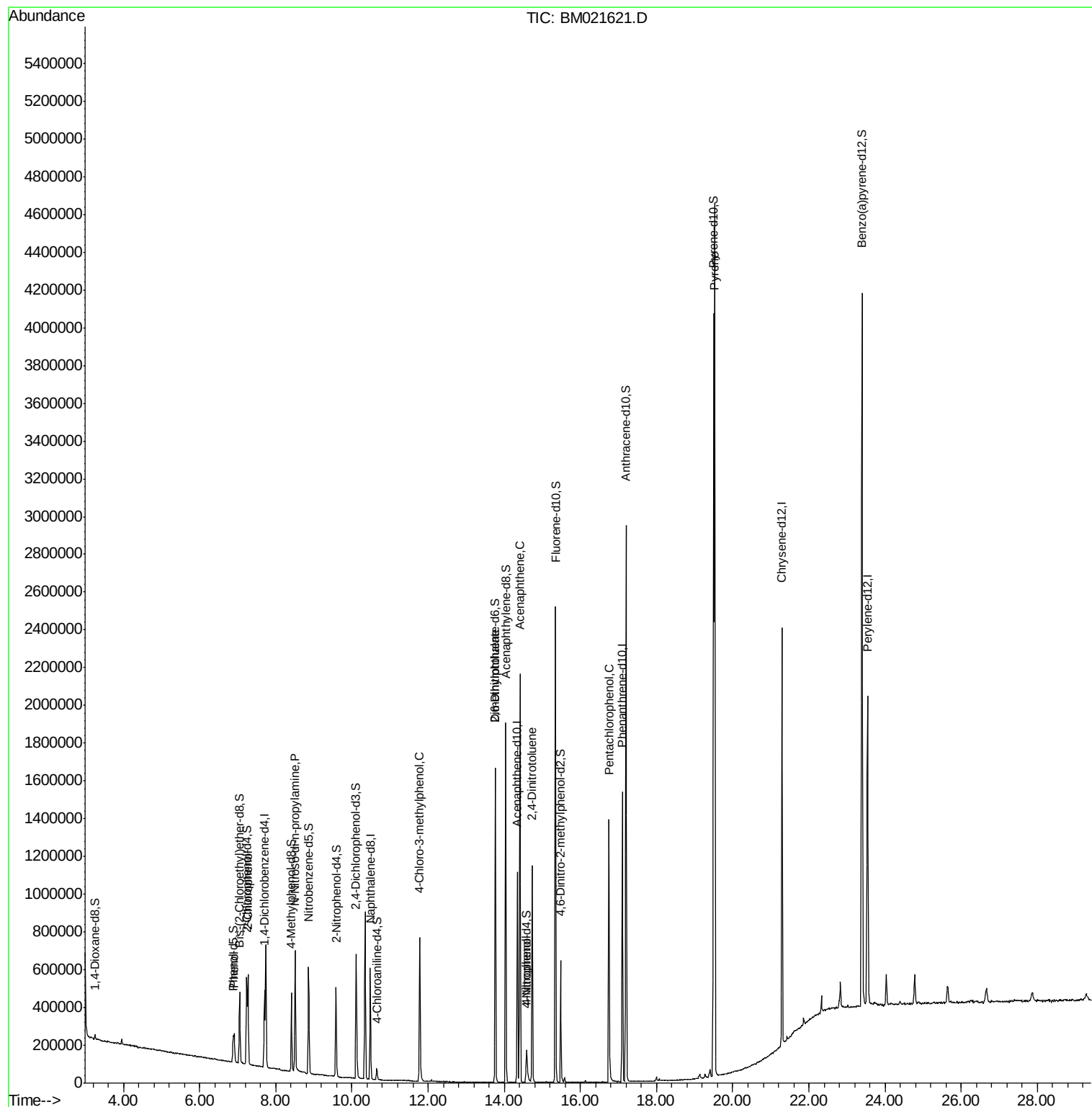
					Qvalue
6) Phenol	6.90	94	82963	9.162	ng/ul 99
10) 2-Chlorophenol	7.27	128	207948	29.210	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.51	70	232755	39.208	ng/ul 99
33) 4-Chloro-3-methylphenol	11.78	107	283263	32.709	ng/ul 99
45) 2,6-Dinitrotoluene	13.76	165	5744	1.206	ng/ul# 34
49) Acenaphthene	14.41	153	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) Pyrene	19.53	202	2652183	45.134	ng/ul 98

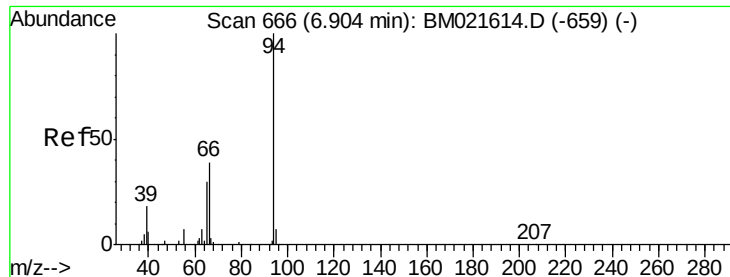
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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

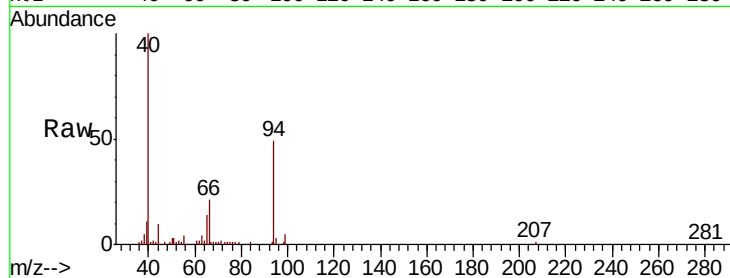
Tgt Ion: 94 Resp: 82963

Ion Ratio Lower Upper

94 100

65 29.6 23.3 34.9

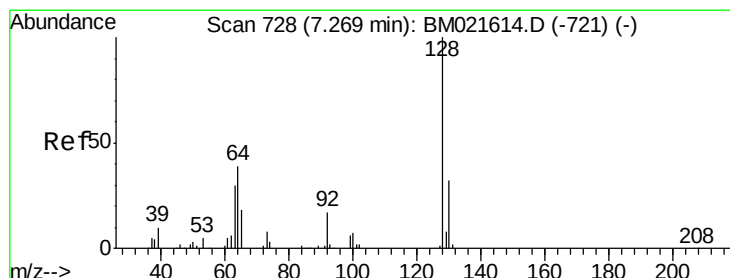
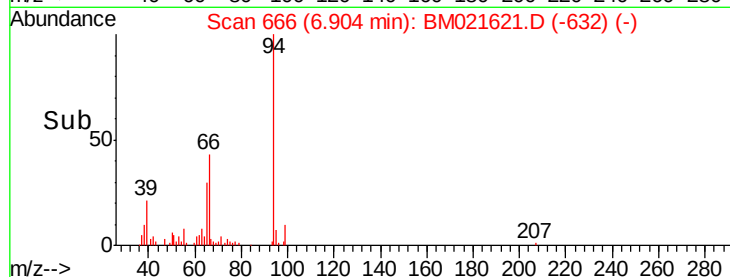
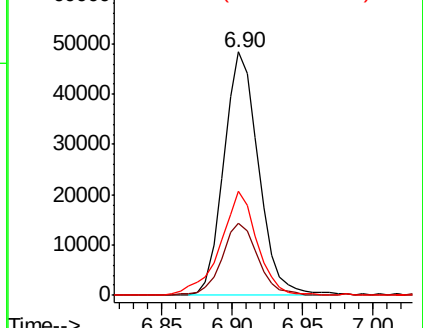
66 42.6 33.2 49.8



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

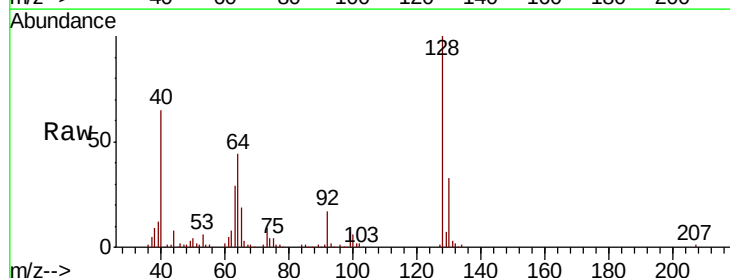
Tgt Ion: 128 Resp: 207948

Ion Ratio Lower Upper

128 100

64 44.3 35.2 52.8

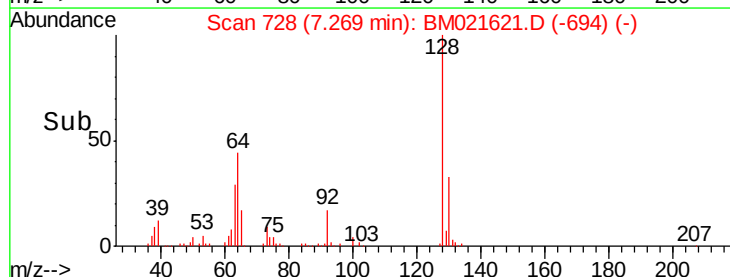
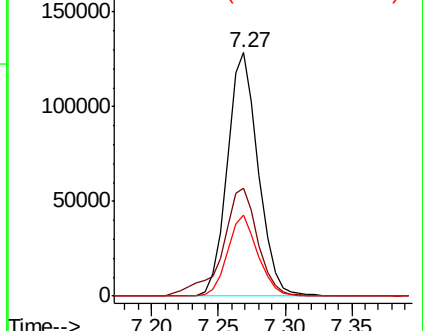
130 33.1 24.7 37.1

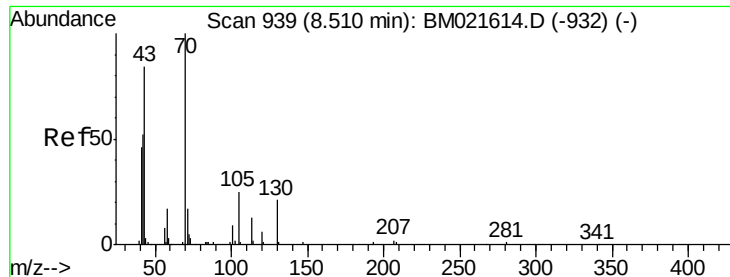


Abundance Ion 128.00 (127.70 to 128.70): BM021614.D (-721) (-)

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

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

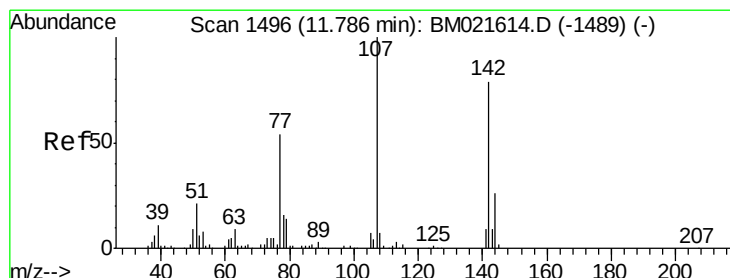
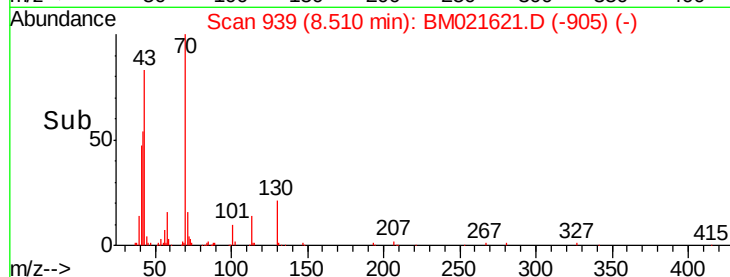
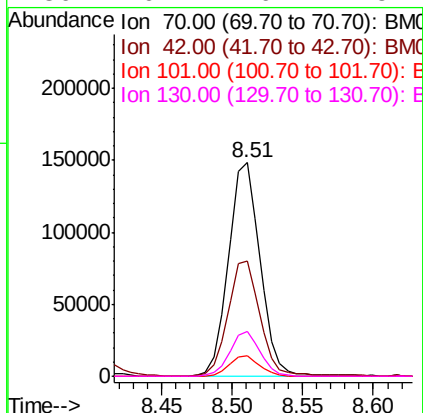
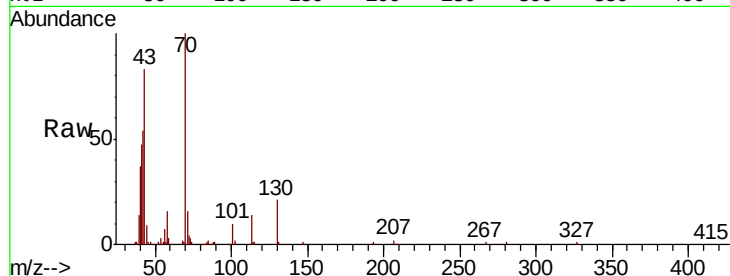




#15
N-Nitroso-di-n-propylamine
Concen: 39.208 ng/ul
RT: 8.51 min Scan# 939
Delta R.T. 0.00 min
Lab File: BM021621.D
Acq: 23 Jul 2019 21:26

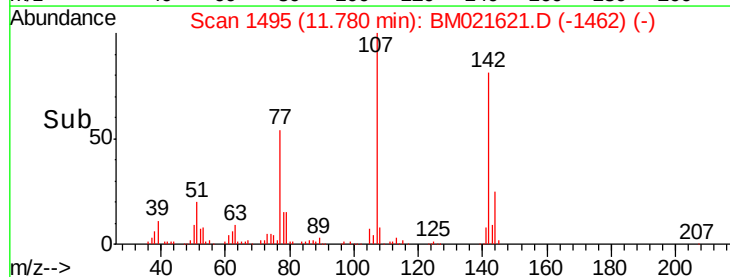
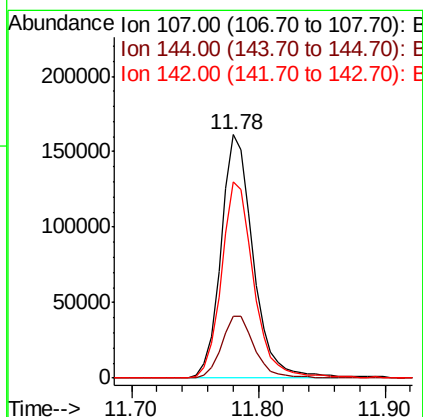
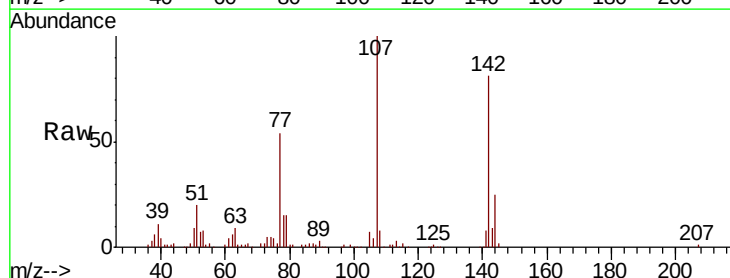
Instrument :
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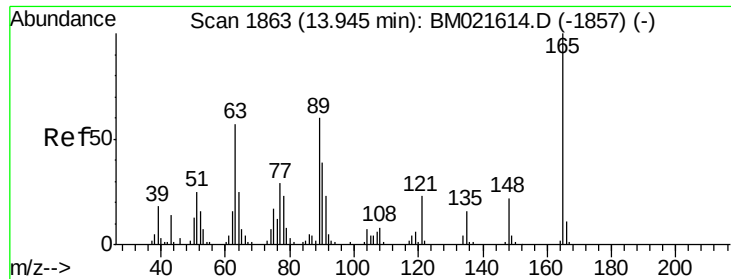
Tgt Ion:	70	Resp:	232755
Ion	Ratio	Lower	Upper
70	100		
42	53.7	42.2	63.2
101	9.7	7.6	11.4
130	20.7	16.7	25.1



#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

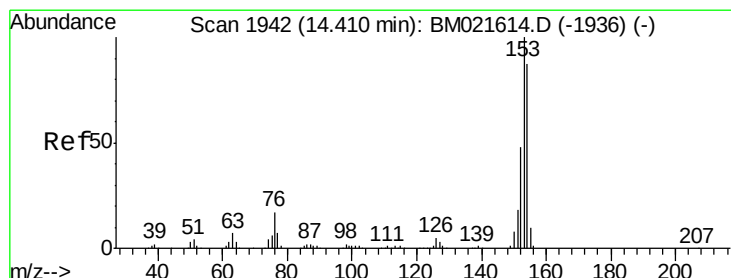
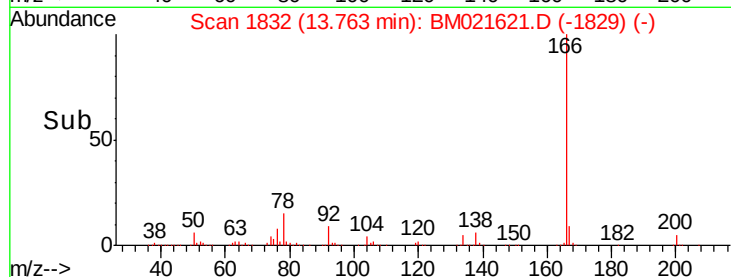
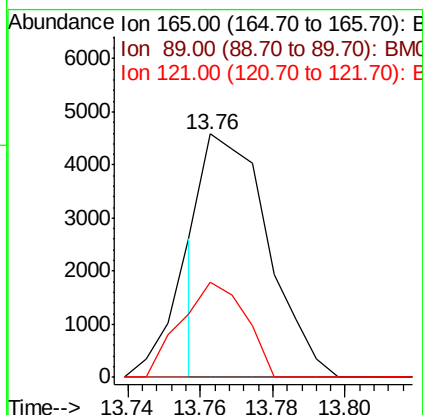
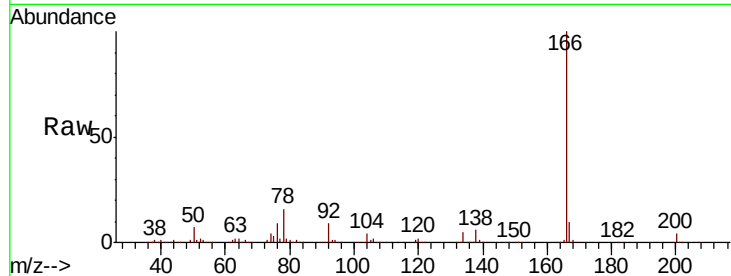




#45
 2,6-Dinitrotoluene
 Concen: 1.206 ng/ul
 RT: 13.76 min Scan# 1832
 Delta R.T. -0.18 min
 Lab File: BM021621.D
 Acq: 23 Jul 2019 21:26

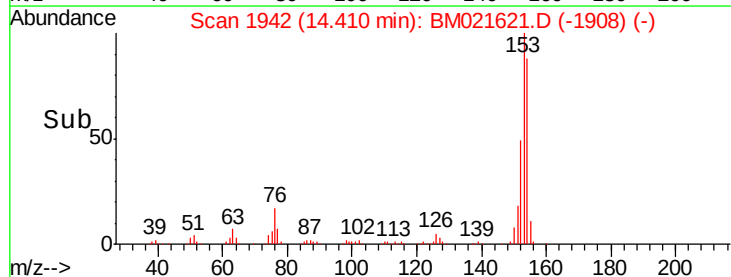
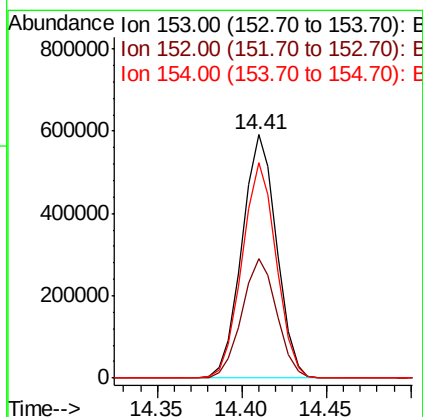
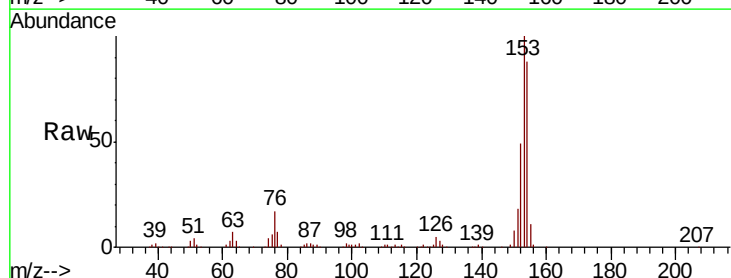
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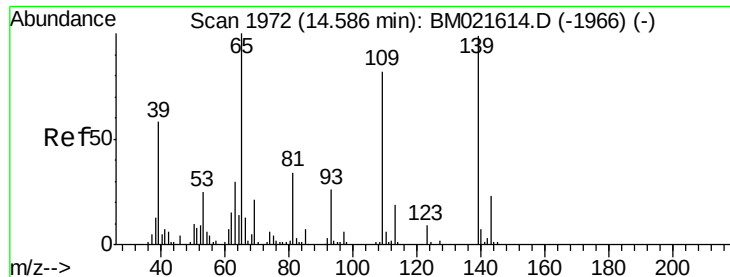
Tgt Ion:165 Resp: 5744
 Ion Ratio Lower Upper
 165 100
 89 0.0 47.4 71.0#
 121 38.8 18.5 27.7#



#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

Tgt Ion:153 Resp: 845478
 Ion Ratio Lower Upper
 153 100
 152 49.1 38.6 57.8
 154 88.3 69.0 103.4

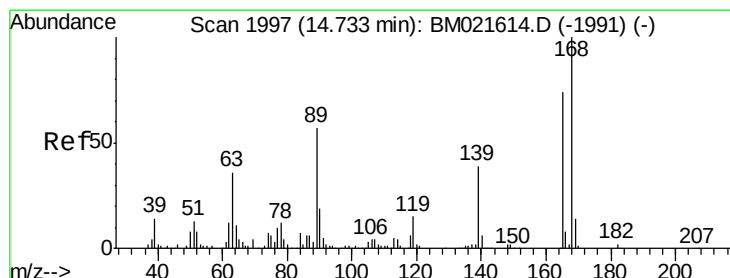
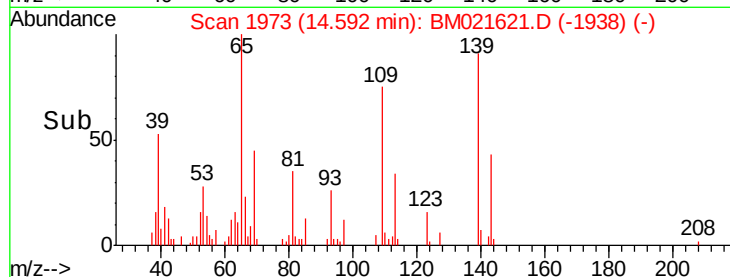
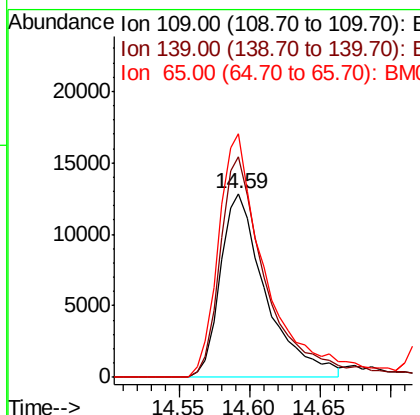
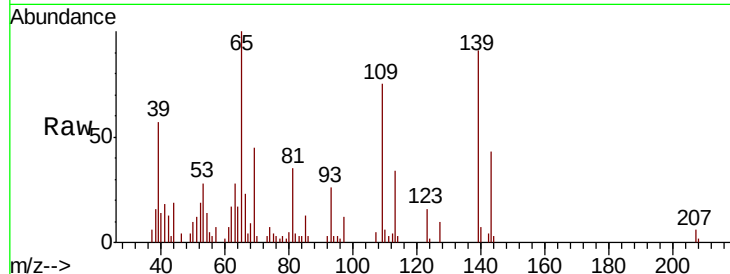




#52
4-Nitrophenol
Concen: 7.124 ng/ul
RT: 14.59 min Scan# 1973
Delta R.T. 0.01 min
Lab File: BM021621.D
Acq: 23 Jul 2019 21:26

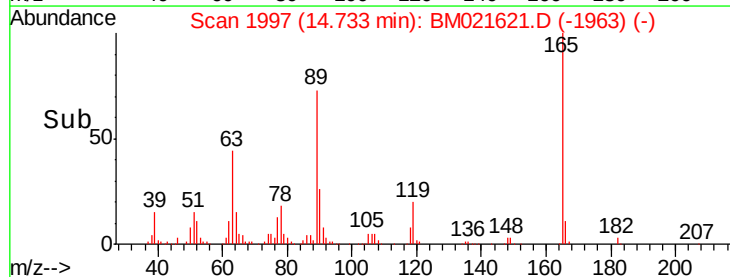
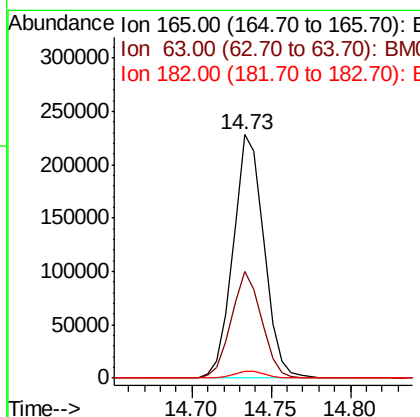
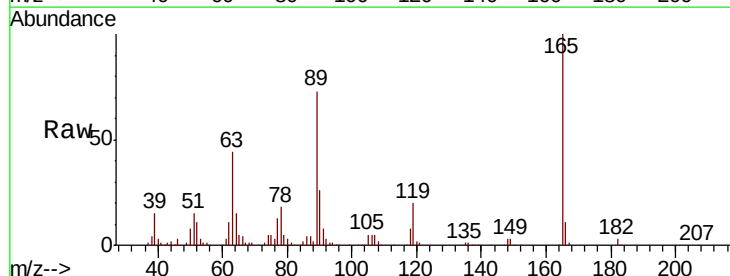
Instrument :
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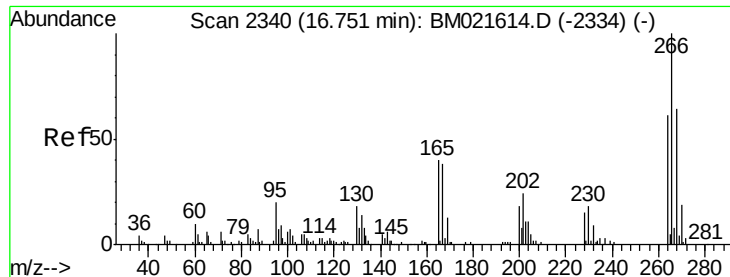
Tgt Ion:109 Resp: 28891
Ion Ratio Lower Upper
109 100
139 120.2 98.8 148.2
65 132.7 105.1 157.7



#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

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

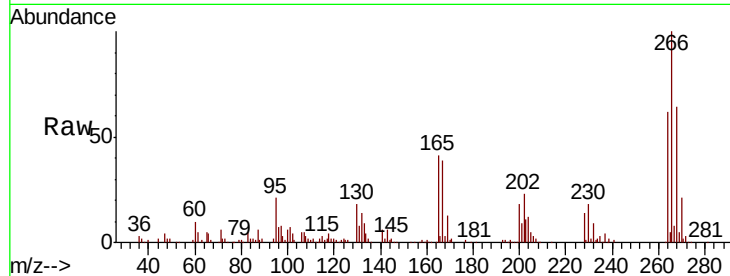




#68
 Pentachlorophenol
 Concen: 40.342 ng/ul
 RT: 16.75 min Scan# 2340
 Delta R.T. 0.00 min
 Lab File: BM021621.D
 Acq: 23 Jul 2019 21:26

Instrument :
 BNA_M
 ClientSampleId :
 A52J2MSD

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

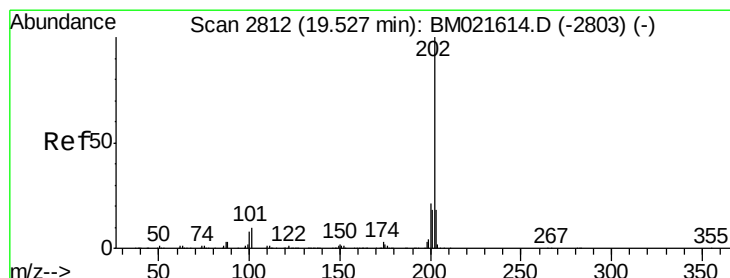
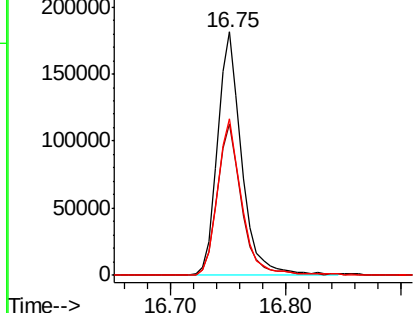
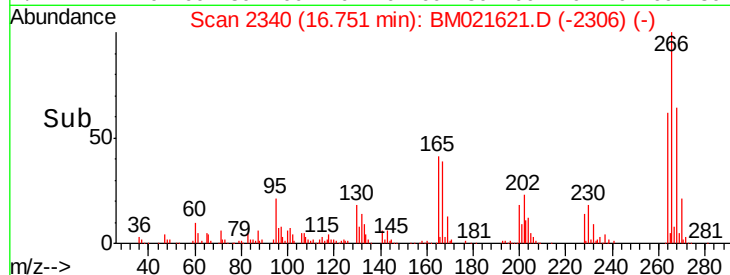


Abundance

Ion 265.70 (265.40 to 266.40): E

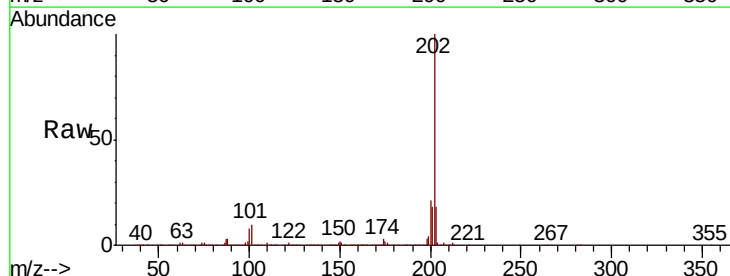
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 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

Tgt 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): E

