

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071719\
 Data File : BM021522.D
 Acq On : 18 Jul 2019 12:24
 Operator : HP/JU
 Sample : K3760-16MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB8Z4MSD

Quant Time: Jul 18 17:07:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 18 02:48:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	191246	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.50	136	744066	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.36	164	406415	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	891512	20.00	ng/ul	0.00
77) Chrysene-d12	21.30	240	861959	20.00	ng/ul	-0.01
85) Perylene-d12	23.56	264	1003838	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.26	96	10287	2.65	ng/uL	0.00
5) Phenol-d5	6.89	99	195643	13.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	126145	14.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	179242	14.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	142600	12.04	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	87947	14.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	93177	13.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	181445	13.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	9783	0.78	ng/ul	0.01
43) Dimethylphthalate-d6	13.78	166	527215	14.81	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	625746	14.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	31810	5.64	ng/ul	0.00
57) Fluorene-d10	15.36	176	459209	14.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	48512	8.09	ng/ul	0.00
70) Anthracene-d10	17.21	188	655898	14.16	ng/ul	0.00
78) Pyrene-d10	19.51	212	756866	16.00	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.41	264	833057	14.43	ng/ul	-0.02

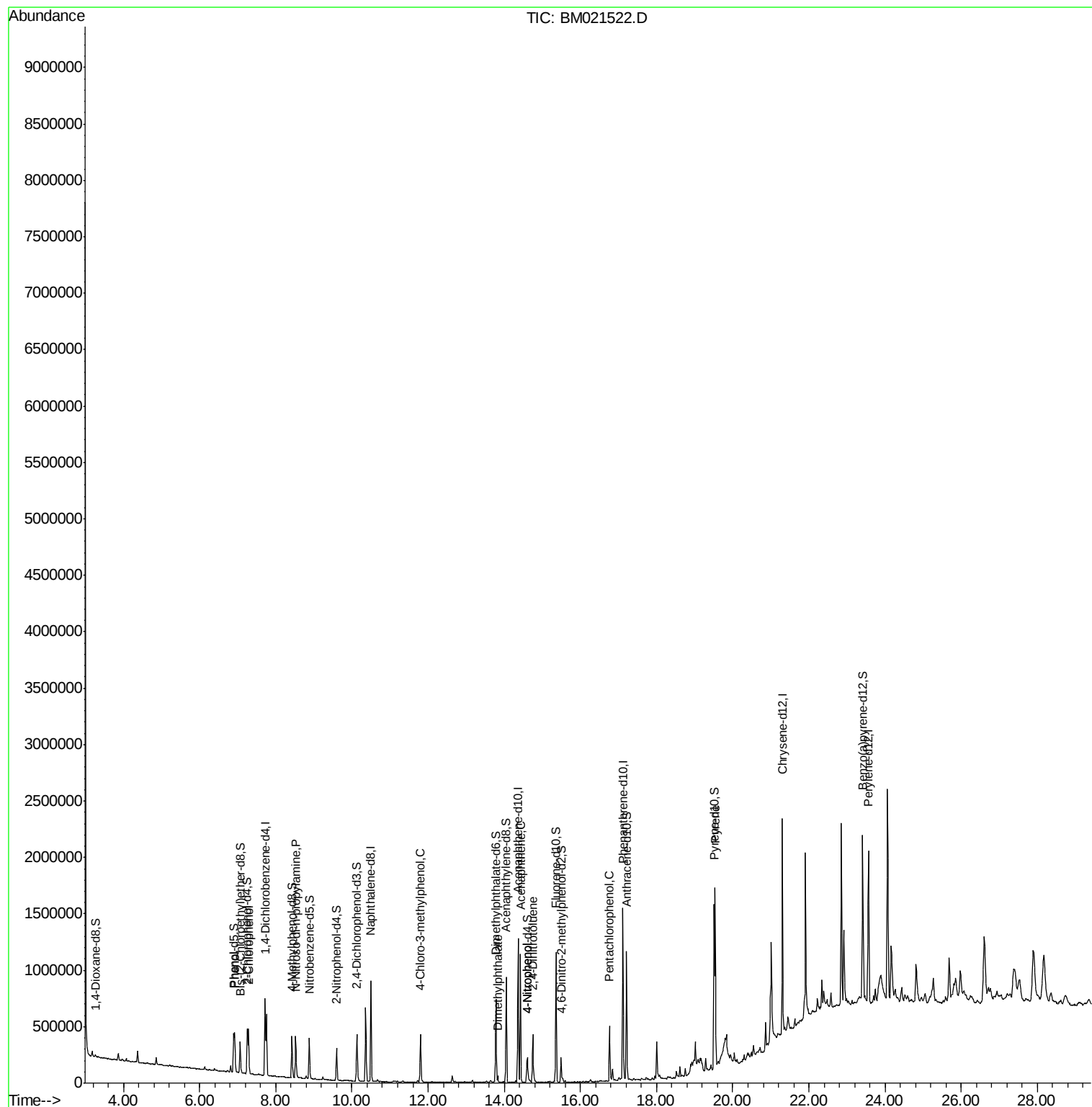
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	6.92	94	196470	13.804	ng/ul	99
10) 2-Chlorophenol	7.29	128	177628	14.440	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.52	70	134847	15.074	ng/ul	96
33) 4-Chloro-3-methylphenol	11.80	107	160745	13.658	ng/ul	99
44) Dimethylphthalate	13.83	163	37834	1.141	ng/ul	100
49) Acenaphthene	14.43	153	447583	15.842	ng/ul	98
52) 4-Nitrophenol	14.60	109	32188	7.661	ng/ul	90
54) 2,4-Dinitrotoluene	14.75	165	117074	12.647	ng/ul	97
68) Pentachlorophenol	16.77	266	101735	14.717	ng/ul	98
79) Pyrene	19.54	202	965699	16.928	ng/ul	98

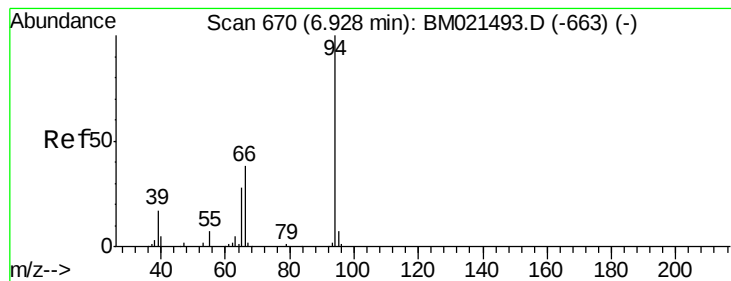
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 13.804 ng/ul

RT: 6.92 min Scan# 669

Delta R.T. -0.01 min

Lab File: BM021522.D

Acq: 18 Jul 2019 12:24

Instrument :

BNA_M

ClientSampleId :

DB8Z4MSD

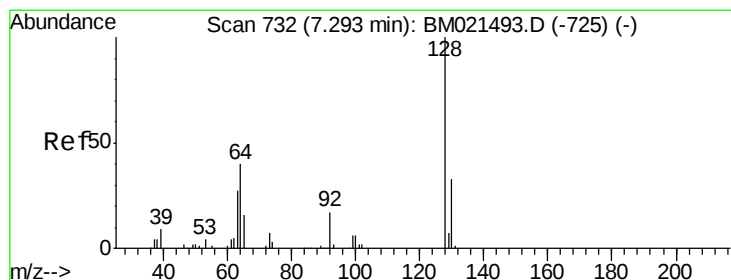
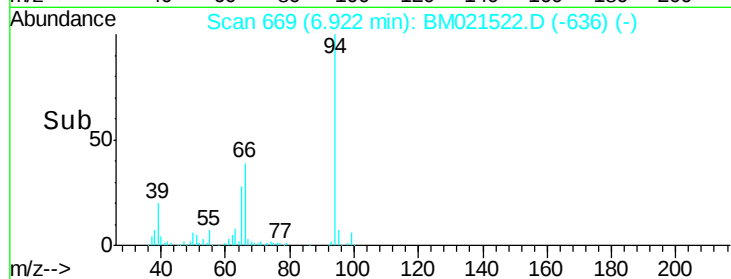
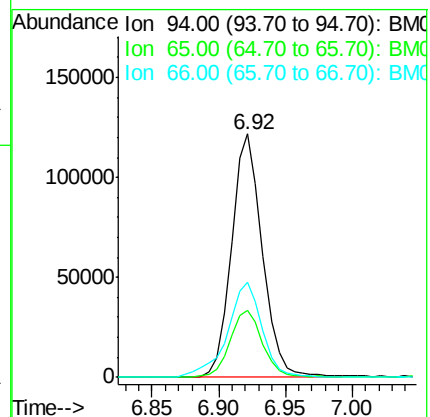
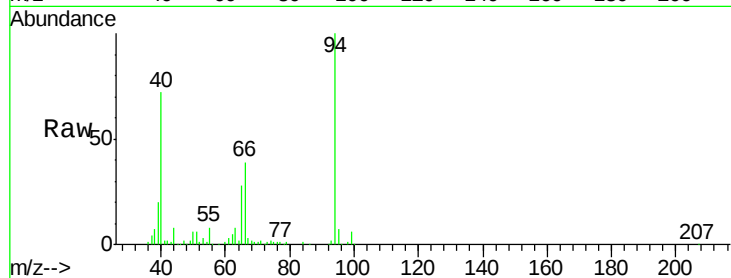
Tgt Ion: 94 Resp: 196470

Ion Ratio Lower Upper

94 100

65 27.6 23.0 34.6

66 39.0 31.6 47.4



#10

2-Chlorophenol

Concen: 14.440 ng/ul

RT: 7.29 min Scan# 731

Delta R.T. -0.01 min

Lab File: BM021522.D

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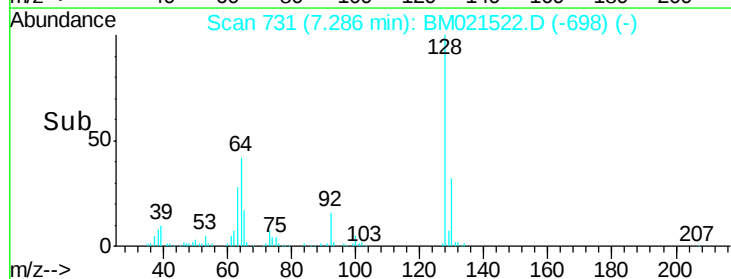
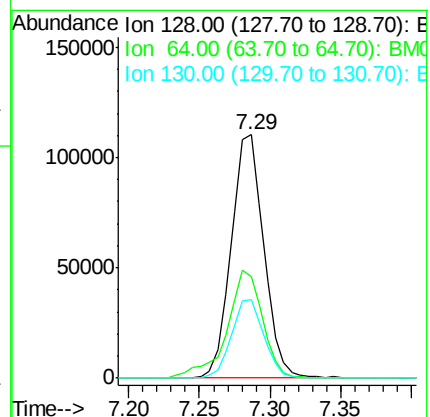
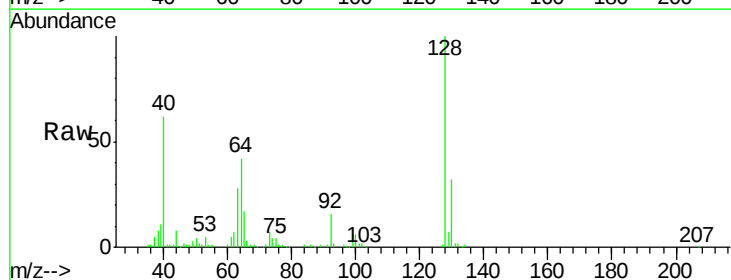
Tgt Ion: 128 Resp: 177628

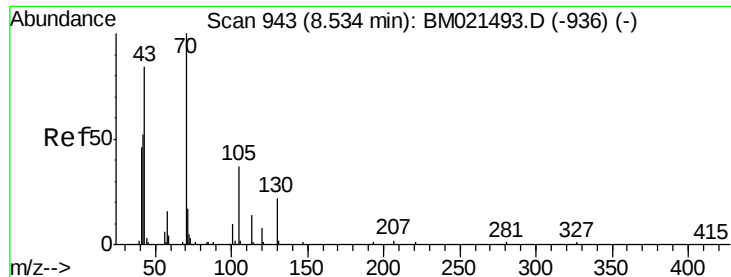
Ion Ratio Lower Upper

128 100

64 41.7 34.4 51.6

130 32.0 26.9 40.3

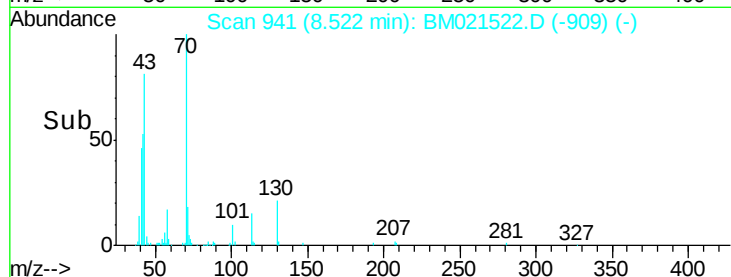
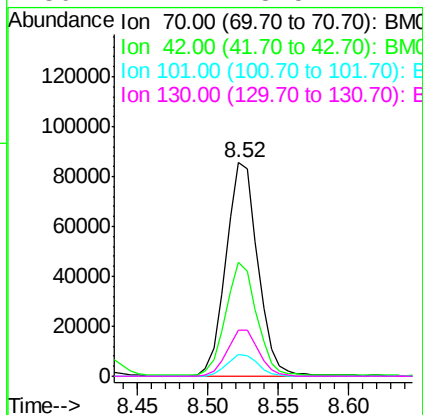
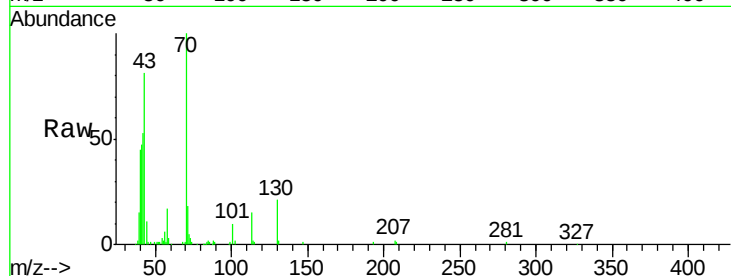




#15
N-Nitroso-di-n-propylamine
Concen: 15.074 ng/ul
RT: 8.52 min Scan# 941
Delta R.T. -0.01 min
Lab File: BM021522.D
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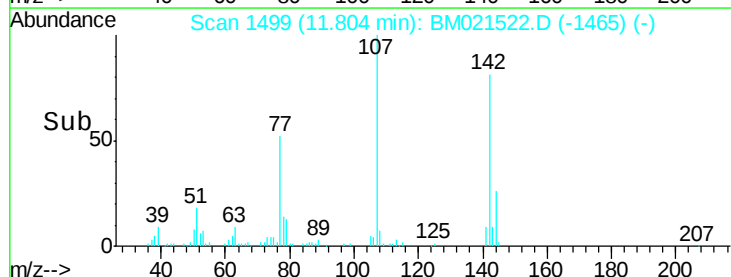
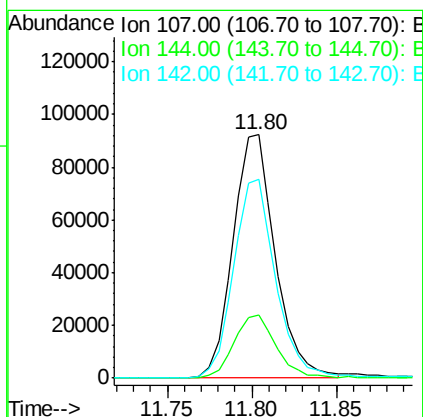
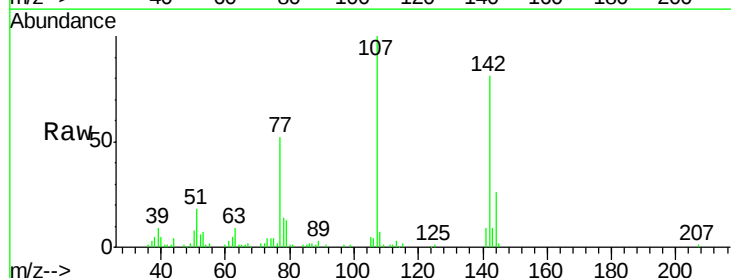
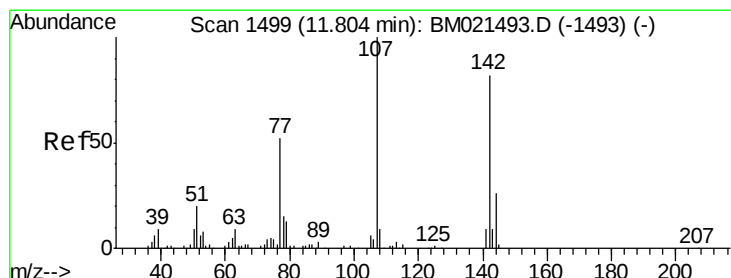
Instrument :
BNA_M
ClientSampleId :
DB8Z4MSD

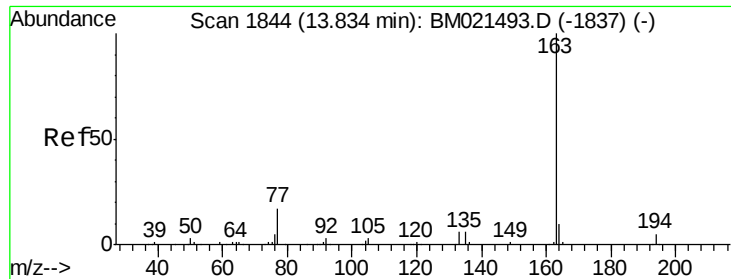
Tgt Ion:	70	Resp:	134847
Ion	Ratio	Lower	Upper
70	100		
42	53.3	39.9	59.9
101	10.0	7.6	11.4
130	21.4	18.5	27.7



#33
4-Chloro-3-methylphenol
Concen: 13.658 ng/ul
RT: 11.80 min Scan# 1499
Delta R.T. -0.00 min
Lab File: BM021522.D
Acq: 18 Jul 2019 12:24

Tgt Ion:	107	Resp:	160745
Ion	Ratio	Lower	Upper
107	100		
144	25.8	21.4	32.2
142	81.5	64.7	97.1

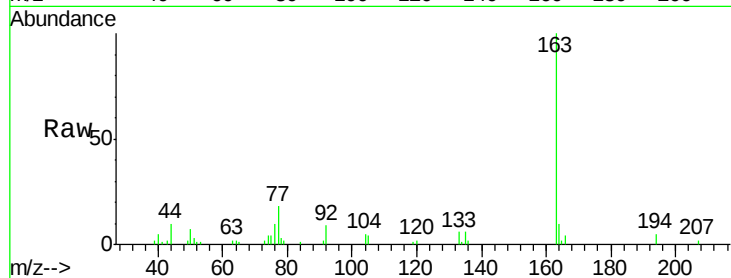




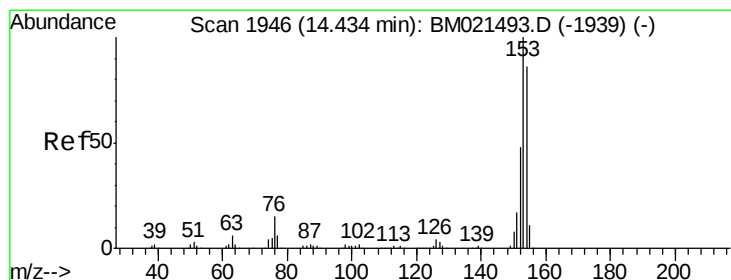
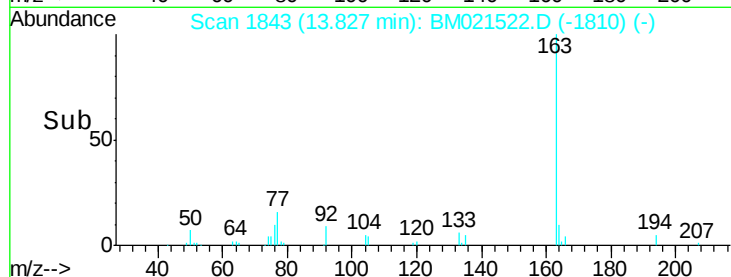
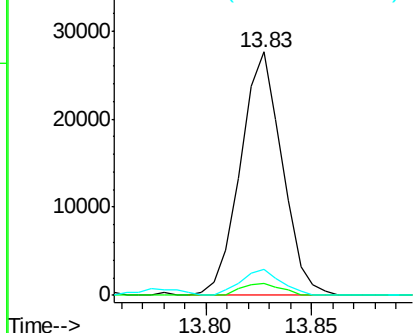
#44
Dimethylphthalate
Concen: 1.141 ng/ul
RT: 13.83 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BM021522.D
Acq: 18 Jul 2019 12:24

Instrument :
BNA_M
ClientSampleId :
DB8Z4MSD

Tgt Ion:163 Resp: 37834
Ion Ratio Lower Upper
163 100
194 4.8 3.6 5.4
164 10.5 8.3 12.5

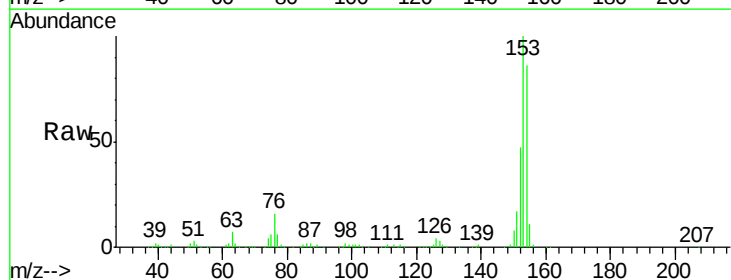


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

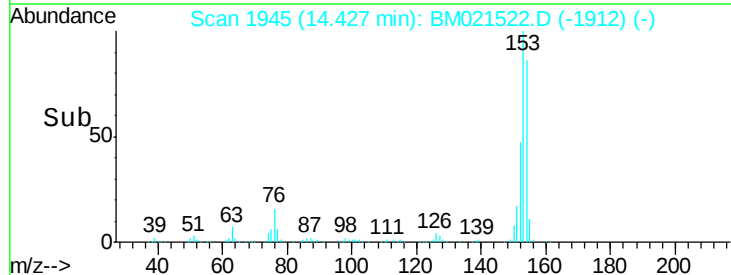
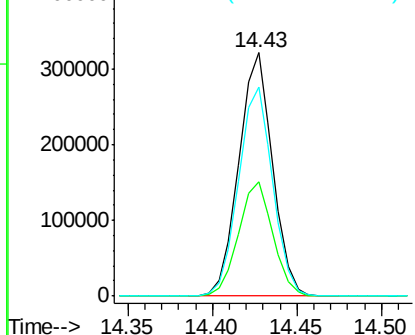


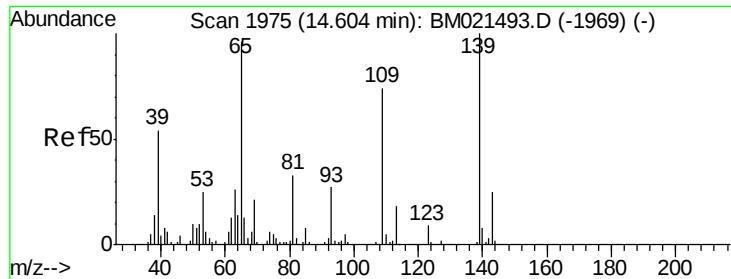
#49
Acenaphthene
Concen: 15.842 ng/ul
RT: 14.43 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM021522.D
Acq: 18 Jul 2019 12:24

Tgt Ion:153 Resp: 447583
Ion Ratio Lower Upper
153 100
152 47.2 38.2 57.4
154 85.6 70.0 105.0



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

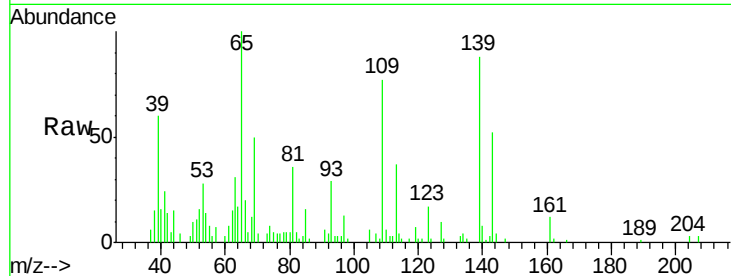




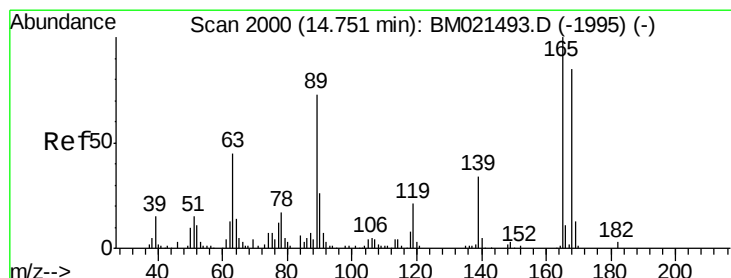
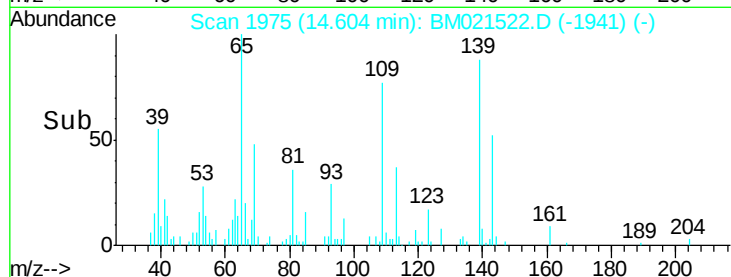
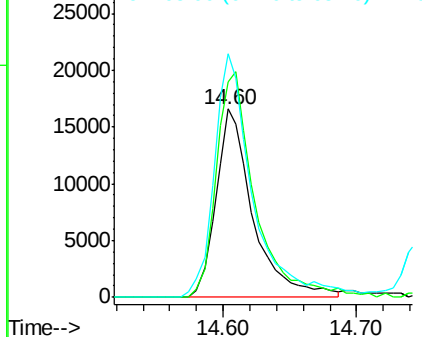
#52
4-Nitrophenol
Concen: 7.661 ng/ul
RT: 14.60 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BM021522.D
Acq: 18 Jul 2019 12:24

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Tgt Ion:109 Resp: 32188
Ion Ratio Lower Upper
109 100
139 114.4 107.6 161.4
65 129.4 101.0 151.6

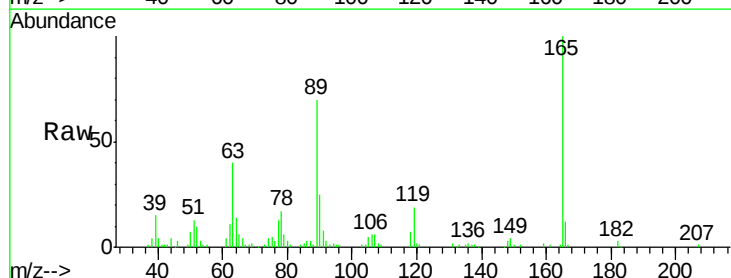


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM

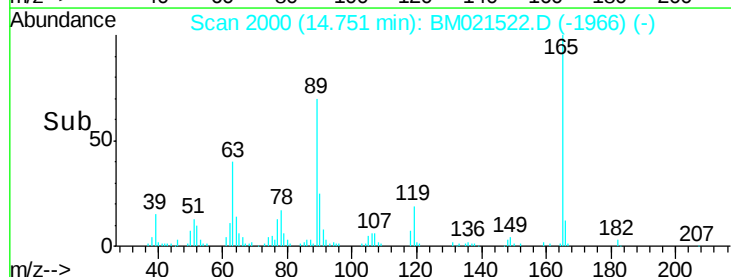
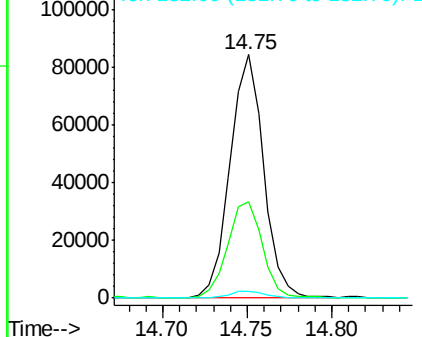


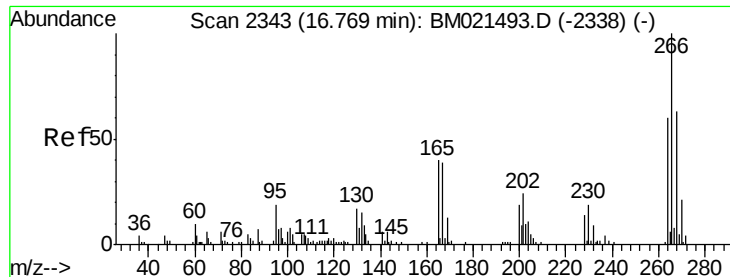
#54
2,4-Dinitrotoluene
Concen: 12.647 ng/ul
RT: 14.75 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BM021522.D
Acq: 18 Jul 2019 12:24

Tgt Ion:165 Resp: 117074
Ion Ratio Lower Upper
165 100
63 39.7 33.1 49.7
182 3.0 2.2 3.4



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

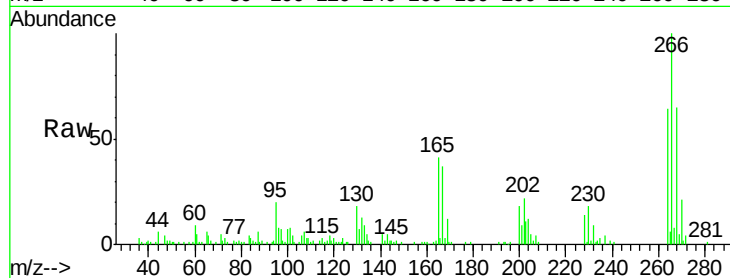




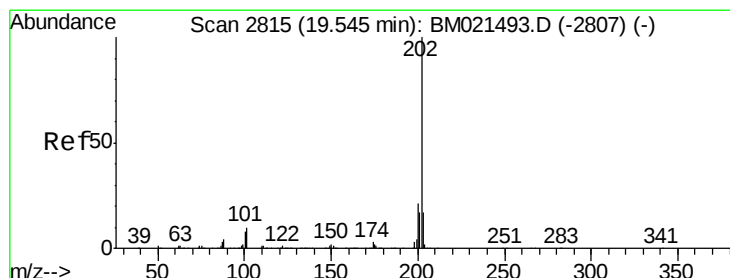
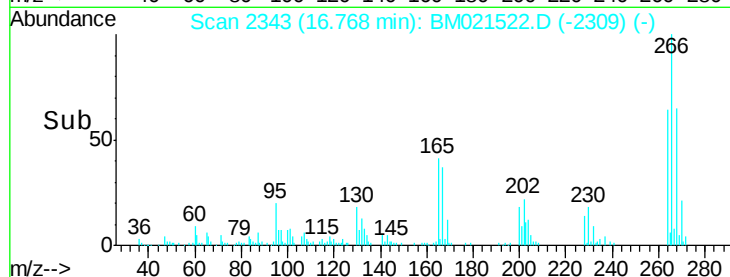
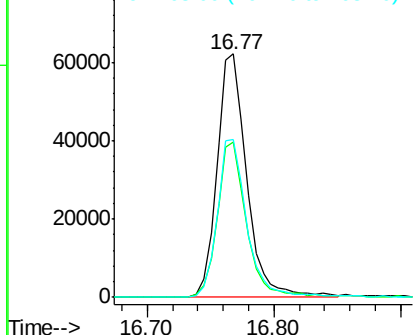
#68
 Pentachlorophenol
 Concen: 14.717 ng/ul
 RT: 16.77 min Scan# 2343
 Delta R.T. -0.00 min
 Lab File: BM021522.D
 Acq: 18 Jul 2019 12:24

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Tgt Ion:266 Resp: 101735
 Ion Ratio Lower Upper
 266 100
 264 63.5 49.2 73.8
 268 64.8 50.6 76.0

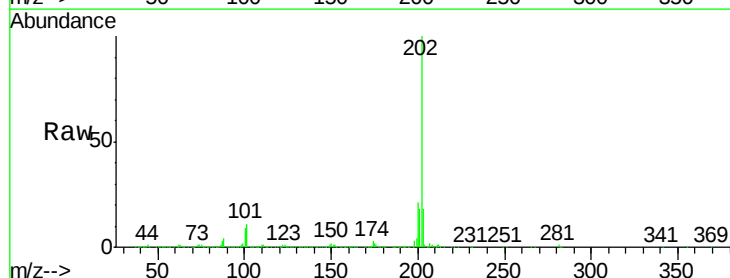


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 16.928 ng/ul
 RT: 19.54 min Scan# 2814
 Delta R.T. -0.01 min
 Lab File: BM021522.D
 Acq: 18 Jul 2019 12:24

Tgt Ion:202 Resp: 965699
 Ion Ratio Lower Upper
 202 100
 101 10.6 7.8 11.8
 100 8.8 6.4 9.6



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

