

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071719\
 Data File : BM021490.D
 Acq On : 17 Jul 2019 10:57
 Operator : HP/JU
 Sample : K3772-24MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52M0MSD

Quant Time: Jul 17 15:03:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 12 05:46:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	177084	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.50	136	694108	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.36	164	388941	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.12	188	863160	20.00	ng/ul	-0.01
77) Chrysene-d12	21.31	240	830825	20.00	ng/ul	0.00
85) Perylene-d12	23.56	264	977783	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	24611	6.84	ng/uL	0.00
5) Phenol-d5	6.90	99	82525	5.99	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.07	67	233829	28.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	277301	23.40	ng/ul	-0.01
13) 4-Methylphenol-d8	8.43	113	151864	13.85	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	172930	30.25	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.60	143	190989	29.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	347290	26.93	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.67	131	12708	1.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	1125261	33.03	ng/ul	-0.01
46) Acenaphthylene-d8	14.06	160	1301668	30.43	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.59	143	19594	3.63	ng/ul	0.00
57) Fluorene-d10	15.36	176	989130	32.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	133534	23.01	ng/ul	0.00
70) Anthracene-d10	17.22	188	1496491	33.38	ng/ul	-0.01
78) Pyrene-d10	19.52	212	1668744	36.60	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.42	264	1900908	33.80	ng/ul	-0.01

Target Compounds

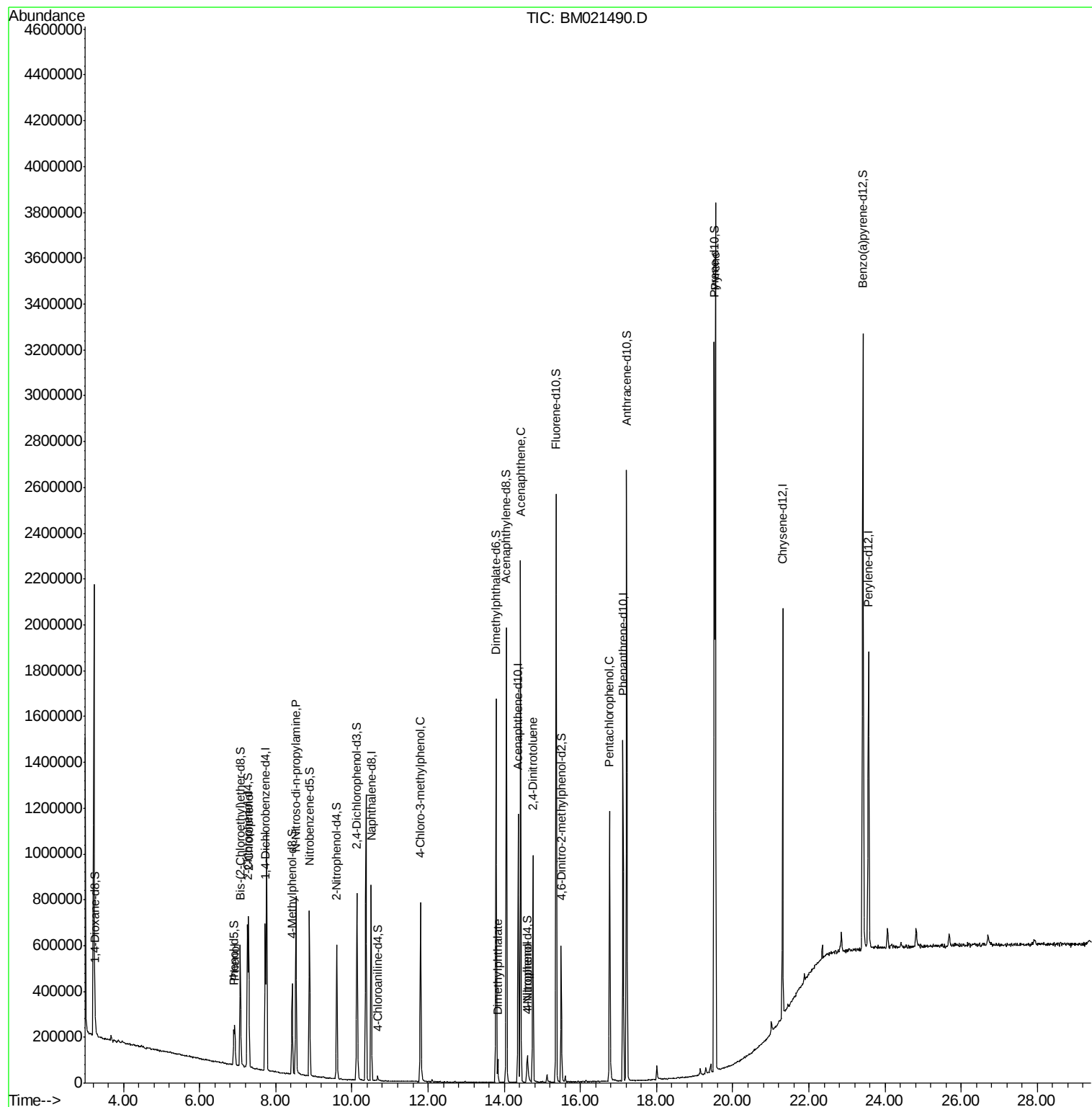
					Qvalue
6) Phenol	6.92	94	89603	6.799	ng/ul 99
10) 2-Chlorophenol	7.29	128	288594	25.338	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.53	70	275904	33.308	ng/ul 96
33) 4-Chloro-3-methylphenol	11.80	107	300725	27.391	ng/ul 98
44) Dimethylphthalate	13.83	163	64396	2.030	ng/ul 99
49) Acenaphthene	14.43	153	942378	34.854	ng/ul 100
52) 4-Nitrophenol	14.61	109	19618	4.879	ng/ul 90
54) 2,4-Dinitrotoluene	14.75	165	282644	31.905	ng/ul 99
68) Pentachlorophenol	16.77	266	242097	36.172	ng/ul 98
79) Pyrene	19.54	202	2206349	40.126	ng/ul 100

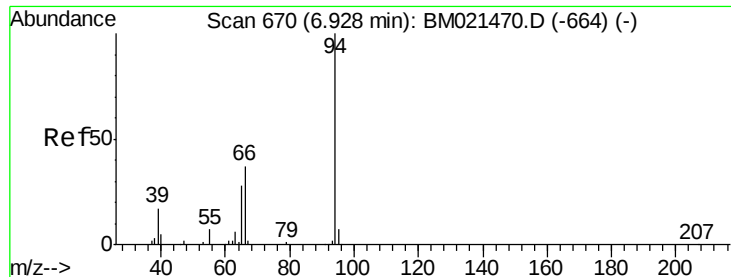
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 12 05:46:23 2019
Response via : Initial Calibration





#6

Phenol

Concen: 6.799 ng/ul

RT: 6.92 min Scan# 669

Delta R.T. -0.01 min

Lab File: BM021490.D

Acq: 17 Jul 2019 10:57

Instrument :

BNA_M

ClientSampleId :

A52M0MSD

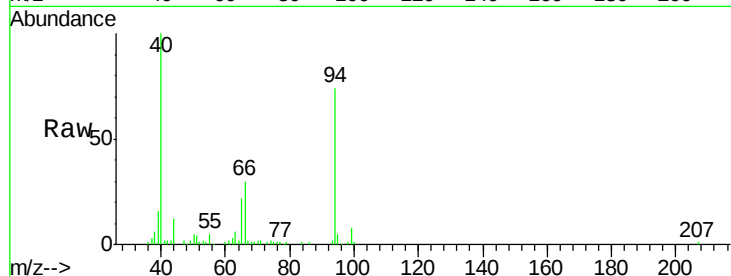
Tgt Ion: 94 Resp: 89603

Ion Ratio Lower Upper

94 100

65 29.2 23.0 34.6

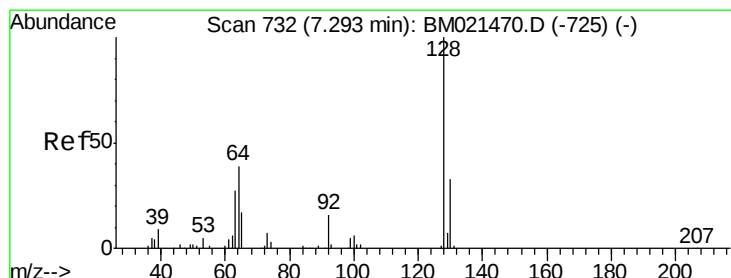
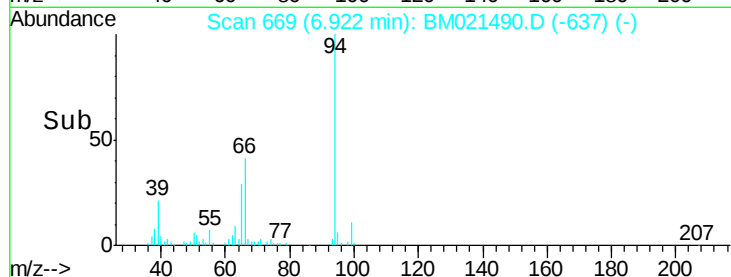
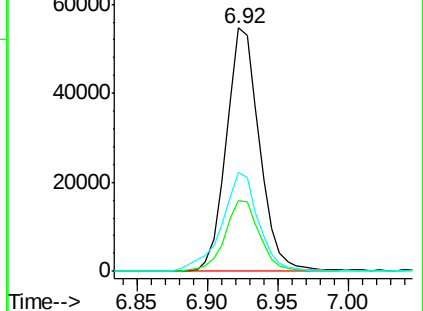
66 40.6 31.6 47.4



Abundance Ion 94.00 (93.70 to 94.70): BM021470.D (-664) (-)

Ion 65.00 (64.70 to 65.70): BM021470.D (-664) (-)

Ion 66.00 (65.70 to 66.70): BM021470.D (-664) (-)



#10

2-Chlorophenol

Concen: 25.338 ng/ul

RT: 7.29 min Scan# 731

Delta R.T. -0.01 min

Lab File: BM021490.D

Acq: 17 Jul 2019 10:57

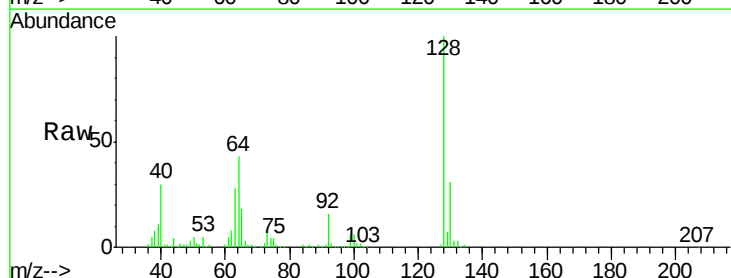
Tgt Ion: 128 Resp: 288594

Ion Ratio Lower Upper

128 100

64 42.9 34.4 51.6

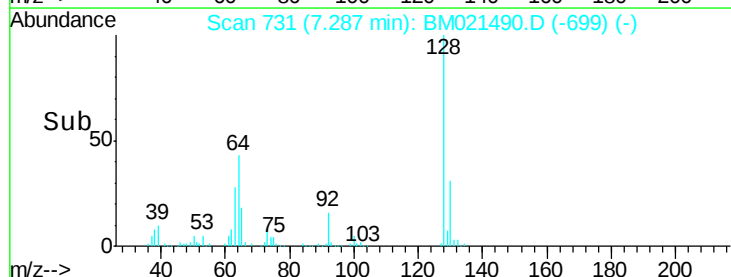
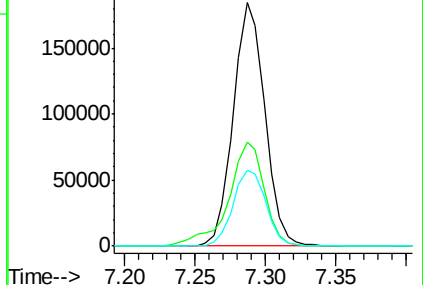
130 31.0 26.9 40.3

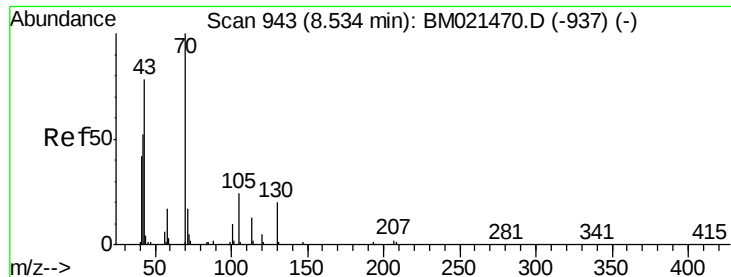


Abundance Ion 128.00 (127.70 to 128.70): BM021470.D (-725) (-)

Ion 64.00 (63.70 to 64.70): BM021470.D (-725) (-)

Ion 130.00 (129.70 to 130.70): BM021470.D (-725) (-)

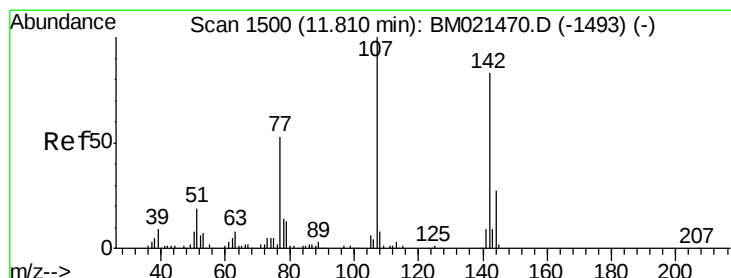
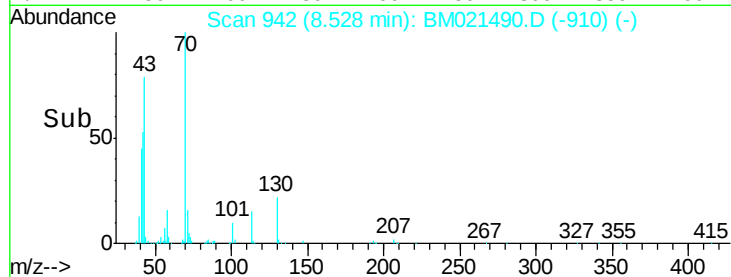
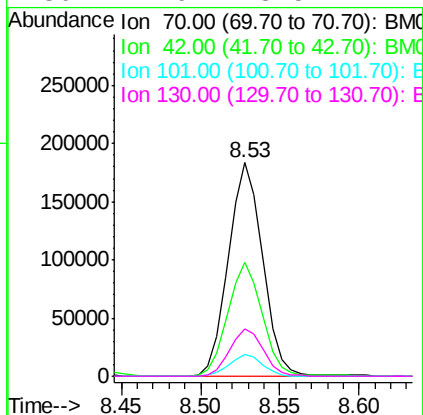
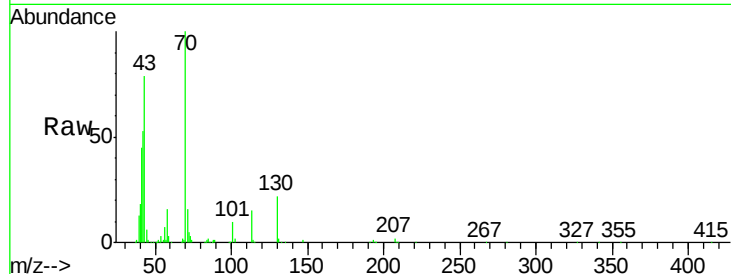




#15
N-Nitroso-di-n-propylamine
Concen: 33.308 ng/ul
RT: 8.53 min Scan# 942
Delta R.T. -0.01 min
Lab File: BM021490.D
Acq: 17 Jul 2019 10:57

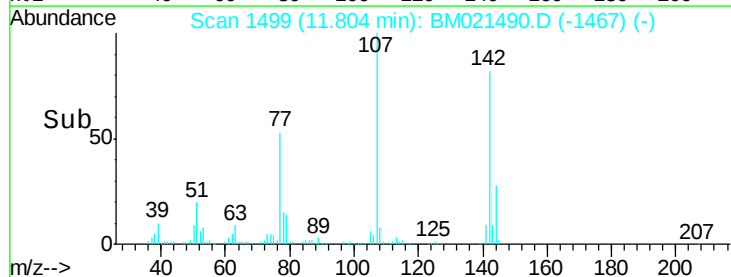
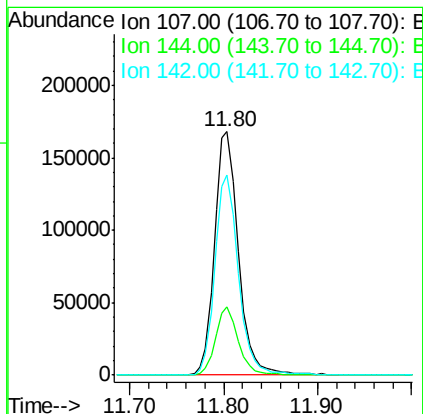
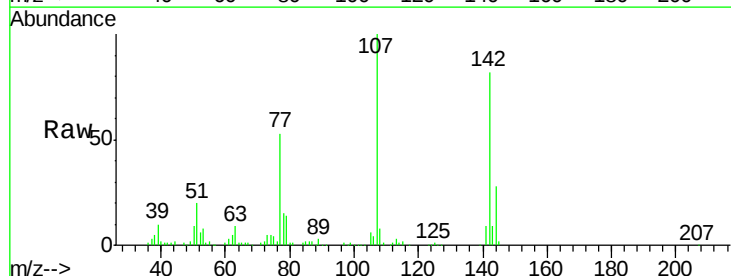
Instrument :
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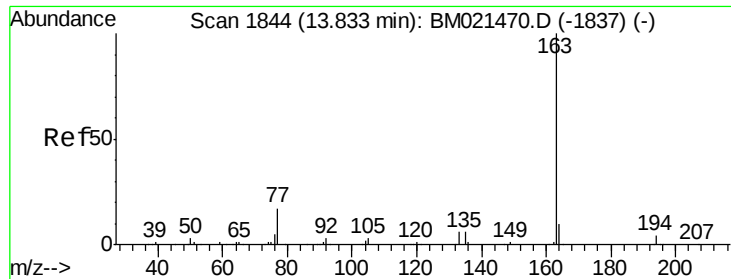
Tgt Ion:	70	Resp:	275904
Ion	Ratio	Lower	Upper
70	100		
42	53.1	39.9	59.9
101	10.3	7.6	11.4
130	21.9	18.5	27.7



#33
4-Chloro-3-methylphenol
Concen: 27.391 ng/ul
RT: 11.80 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BM021490.D
Acq: 17 Jul 2019 10:57

Tgt Ion:	107	Resp:	300725
Ion	Ratio	Lower	Upper
107	100		
144	28.1	21.4	32.2
142	82.1	64.7	97.1

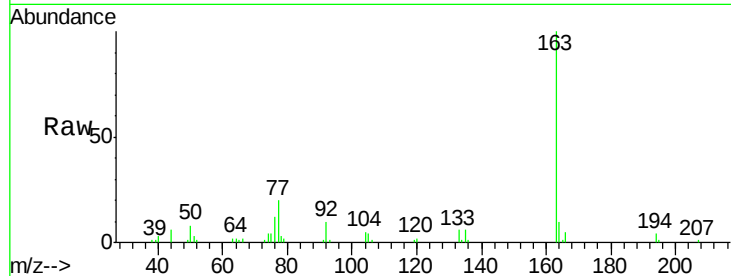




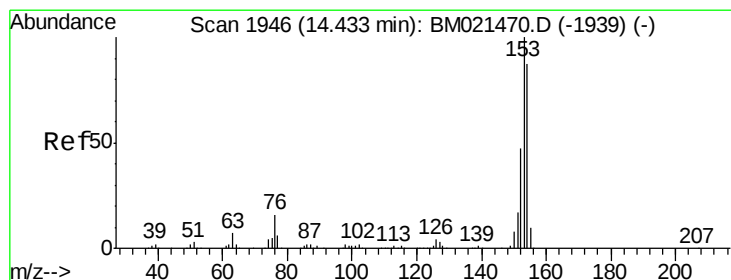
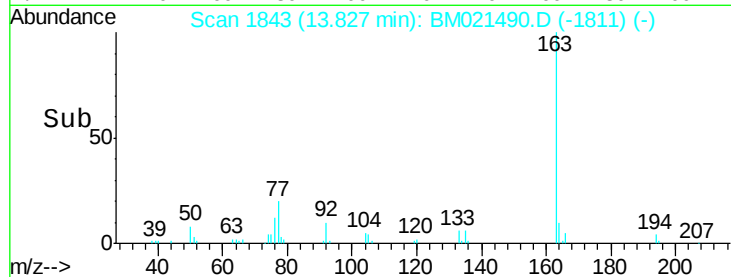
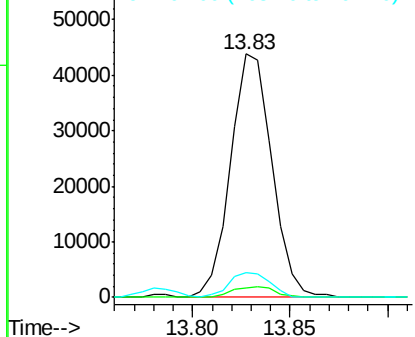
#44
Dimethylphthalate
Concen: 2.030 ng/ul
RT: 13.83 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BM021490.D
Acq: 17 Jul 2019 10:57

Instrument :
BNA_M
ClientSampleId :
A52M0MSD

Tgt Ion:163 Resp: 64396
Ion Ratio Lower Upper
163 100
194 4.1 3.6 5.4
164 10.0 8.3 12.5

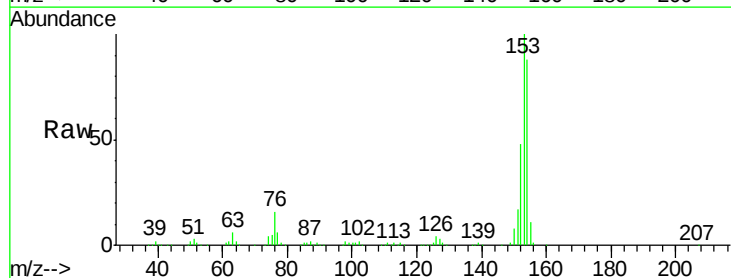


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

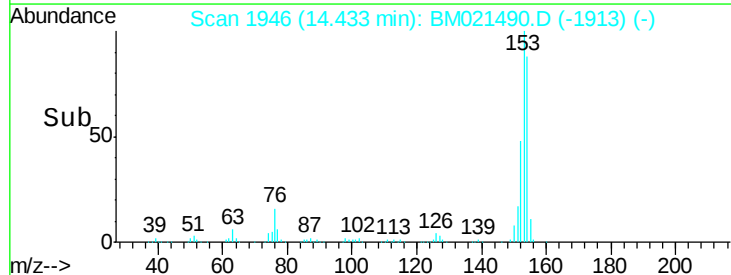
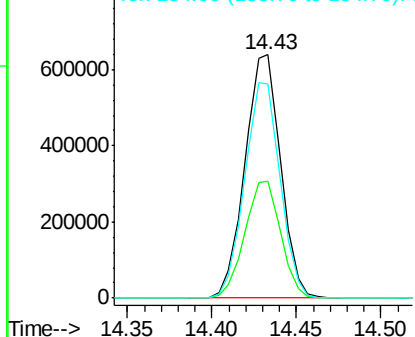


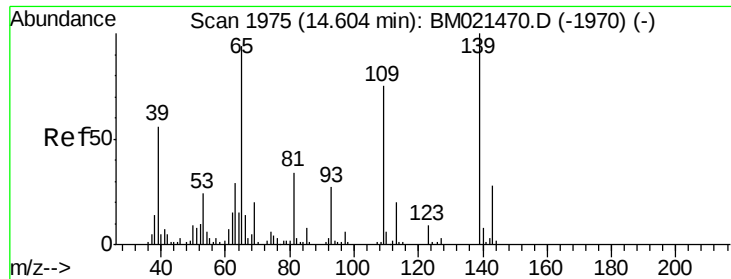
#49
Acenaphthene
Concen: 34.854 ng/ul
RT: 14.43 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BM021490.D
Acq: 17 Jul 2019 10:57

Tgt Ion:153 Resp: 942378
Ion Ratio Lower Upper
153 100
152 47.9 38.2 57.4
154 87.8 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

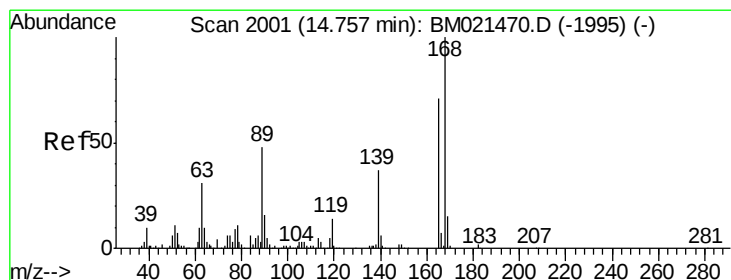
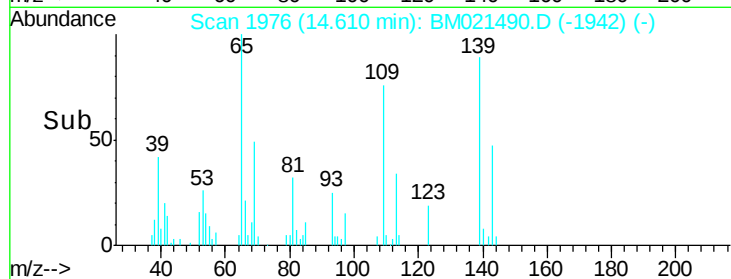
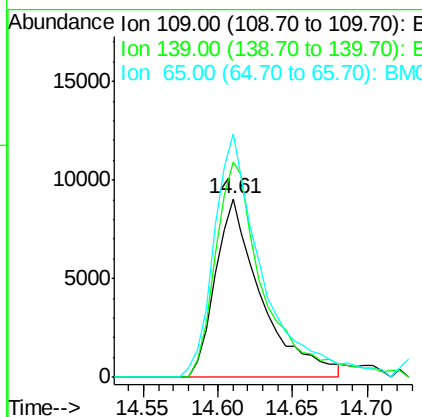
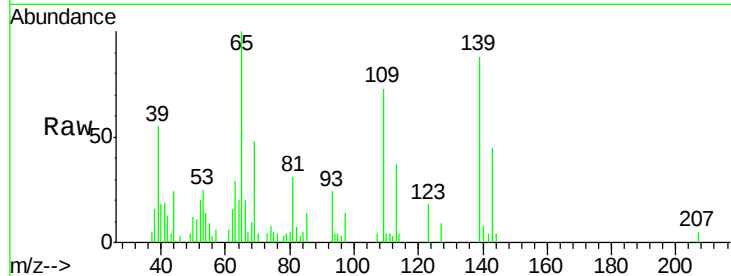




#52
4-Nitrophenol
Concen: 4.879 ng/ul
RT: 14.61 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BM021490.D
Acq: 17 Jul 2019 10:57

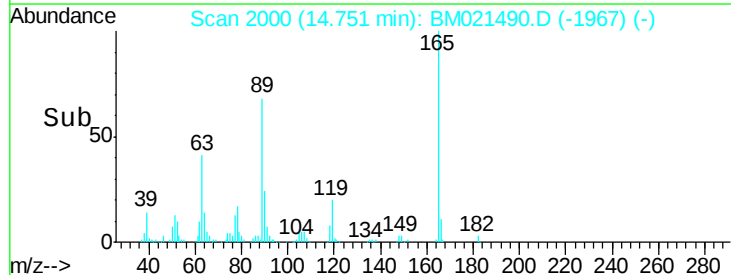
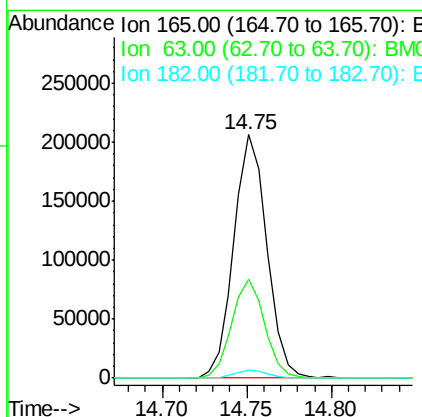
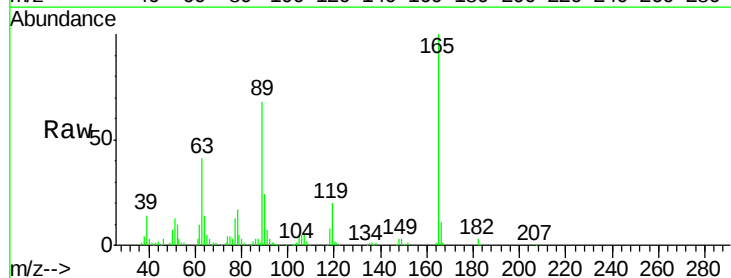
Instrument :
BNA_M
ClientSampleId :
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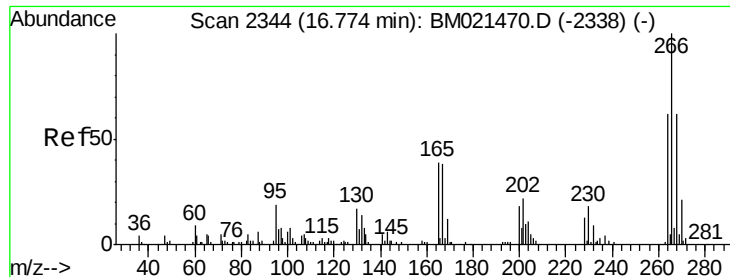
Tgt Ion:109 Resp: 19618
Ion Ratio Lower Upper
109 100
139 120.7 107.6 161.4
65 136.5 101.0 151.6



#54
2,4-Dinitrotoluene
Concen: 31.905 ng/ul
RT: 14.75 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BM021490.D
Acq: 17 Jul 2019 10:57

Tgt Ion:165 Resp: 282644
Ion Ratio Lower Upper
165 100
63 40.5 33.1 49.7
182 3.2 2.2 3.4





#68

Pentachlorophenol

Concen: 36.172 ng/ul

RT: 16.77 min Scan# 2343

Delta R.T. -0.01 min

Lab File: BM021490.D

Acq: 17 Jul 2019 10:57

Instrument :

BNA_M

ClientSampleId :

A52M0MSD

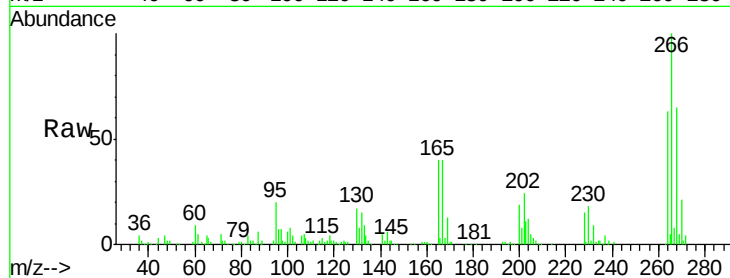
Tgt Ion:266 Resp: 242097

Ion Ratio Lower Upper

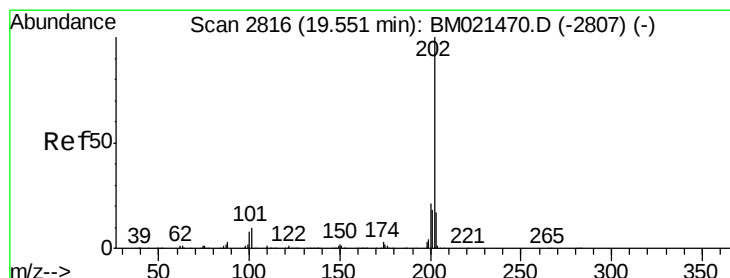
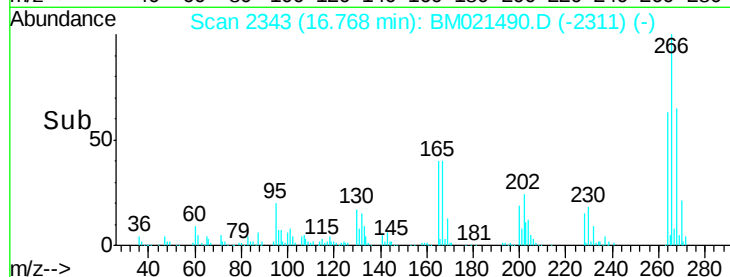
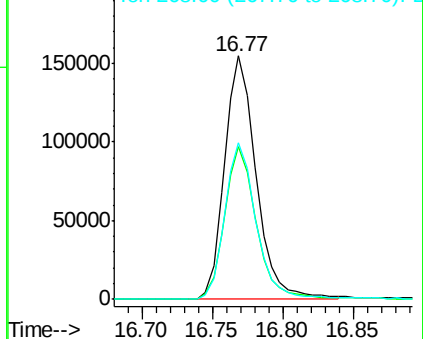
266 100

264 62.8 49.2 73.8

268 64.5 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: 40.126 ng/ul

RT: 19.54 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BM021490.D

Acq: 17 Jul 2019 10:57

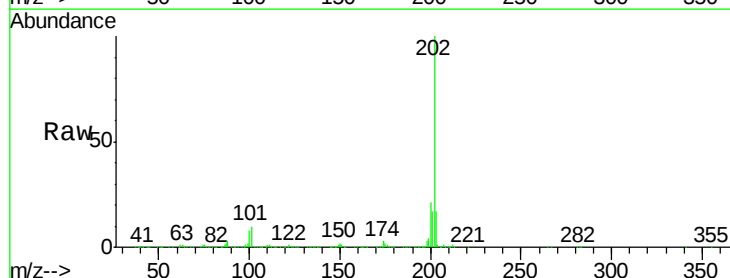
Tgt Ion:202 Resp: 2206349

Ion Ratio Lower Upper

202 100

101 9.7 7.8 11.8

100 8.0 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

