

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
 Data File : BM020377.D
 Acq On : 17 May 2019 22:31
 Operator : JU/SJ
 Sample : K2633-02MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GAJ95MS

Quant Time: May 18 04:20:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 18 04:16:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	53025	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	188519	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	108779	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	264439	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	276218	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	315941	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	9126	6.35	ng/uL	0.00
5) Phenol-d5	6.90	99	133279	31.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	85253	31.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	103163	33.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	92276	29.95	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	43095	35.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	46359	34.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	98386	34.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	110710	37.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	311630	39.82	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	378607	38.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	26558	23.37	ng/ul	0.00
57) Fluorene-d10	15.38	176	275262	39.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	31955	21.21	ng/ul	0.00
70) Anthracene-d10	17.23	188	432534	38.13	ng/ul	0.00
78) Pyrene-d10	19.53	212	517148	38.87	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.45	264	564268	39.30	ng/ul	-0.01

Target Compounds

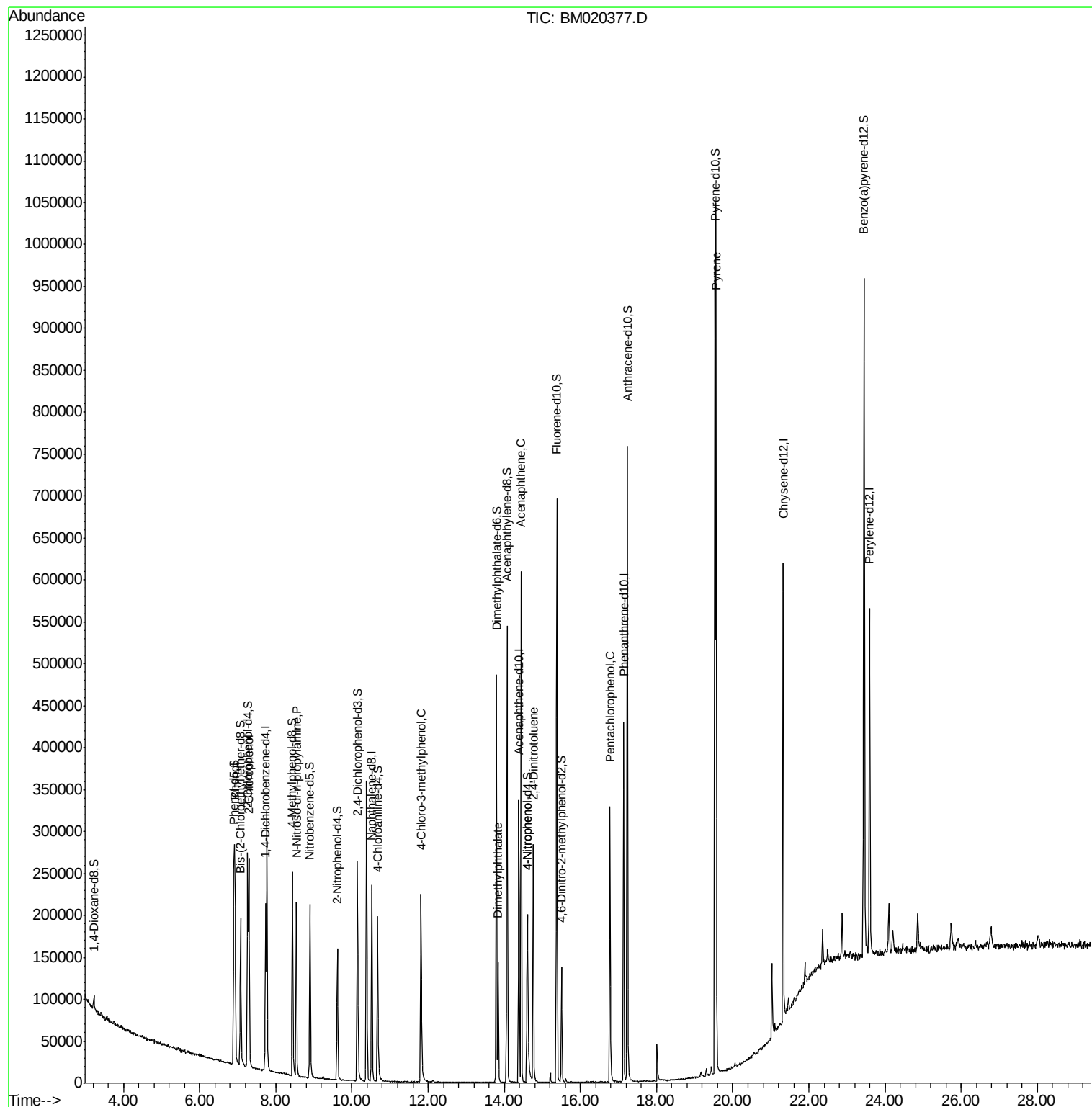
					Ovalue
6) Phenol	6.93	94	143615	32.274	ng/ul 99
10) 2-Chlorophenol	7.29	128	97491	30.792	ng/ul 94
15) N-Nitroso-di-n-propylamine	8.54	70	92506	30.822	ng/ul 95
33) 4-Chloro-3-methylphenol	11.82	107	91451	32.512	ng/ul 97
44) Dimethylphthalate	13.84	163	87554	11.309	ng/ul 99
49) Acenaphthene	14.45	153	233434	36.782	ng/ul 100
52) 4-Nitrophenol	14.61	109	33143	27.899	ng/ul 92
54) 2,4-Dinitrotoluene	14.76	165	71186	34.421	ng/ul 97
68) Pentachlorophenol	16.78	266	63743	32.396	ng/ul 99
79) Pyrene	19.56	202	612598	36.950	ng/ul 99

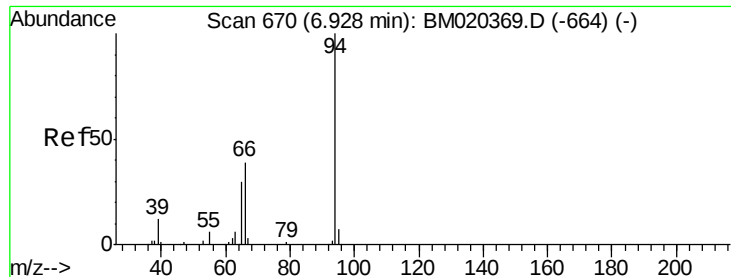
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 04:16:43 2019
Response via : Initial Calibration





#6

Phenol

Concen: 32.274 ng/ul

RT: 6.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: BM020377.D

Acq: 17 May 2019 22:31

Instrument :

BNA_M

ClientSampleId :

GAJ95MS

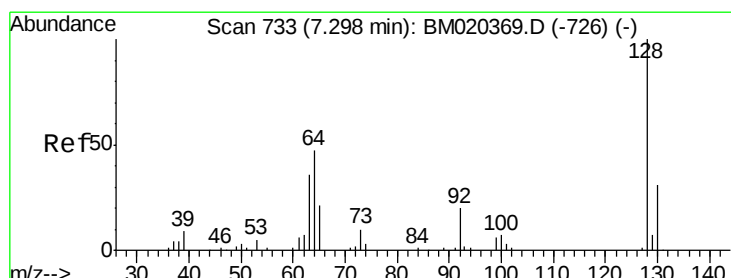
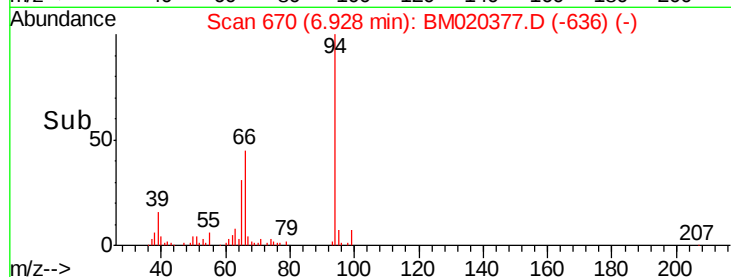
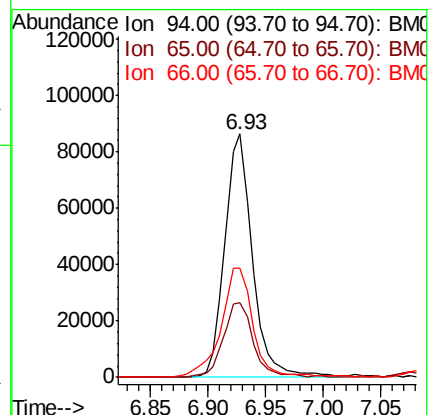
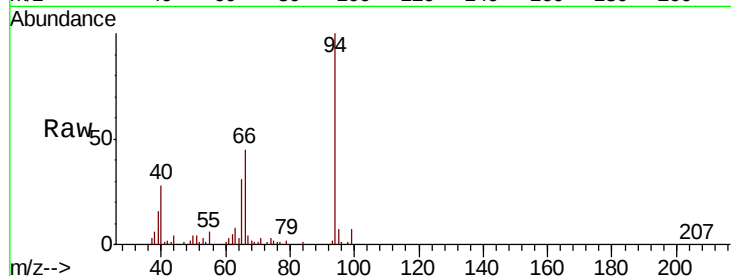
Tot Ion: 94 Resp: 143615

Ion Ratio Lower Upper

94 100

65 30.9 25.4 38.0

66 44.8 36.5 54.7



#10

2-Chlorophenol

Concen: 30.792 ng/ul

RT: 7.29 min Scan# 732

Delta R.T. -0.01 min

Lab File: BM020377.D

Acq: 17 May 2019 22:31

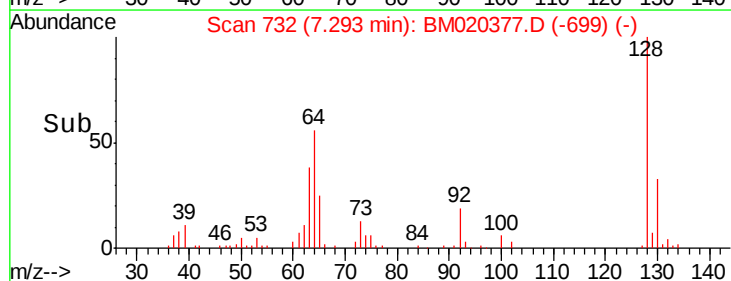
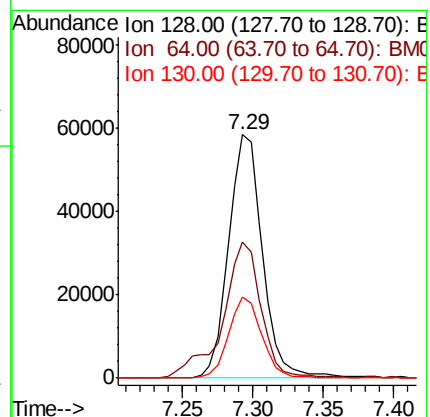
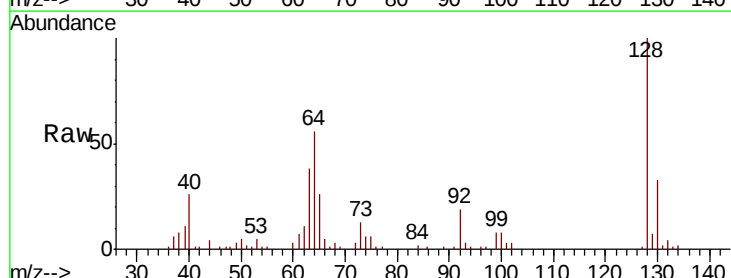
Tgt Ion:128 Resp: 97491

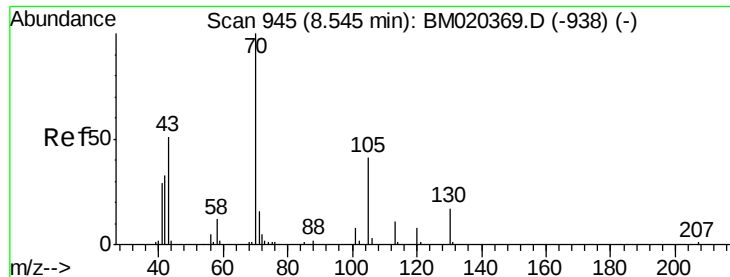
Ion Ratio Lower Upper

128 100

64 55.7 40.6 60.8

130 33.1 25.1 37.7





#15

N-Nitroso-di-n-propylamine

Concen: 30.822 ng/ul

RT: 8.54 min Scan# 944

Delta R.T. -0.01 min

Lab File: BM020377.D

Acq: 17 May 2019 22:31

Instrument :

BNA_M

ClientSampleId :

GAJ95MS

Tot Ion: 70 Resp: 92506

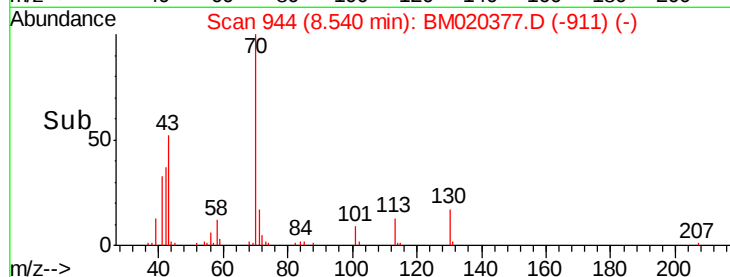
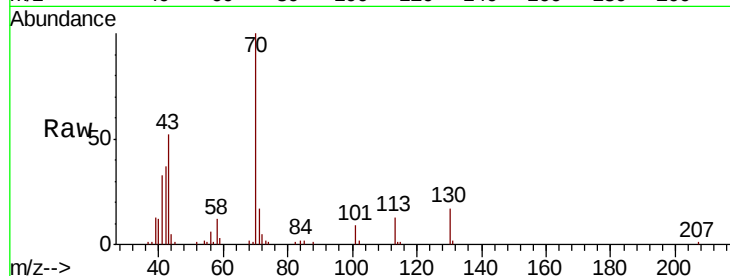
Ion Ratio Lower Upper

70 100

42 37.2 26.5 39.7

101 8.8 7.2 10.8

130 16.6 12.9 19.3

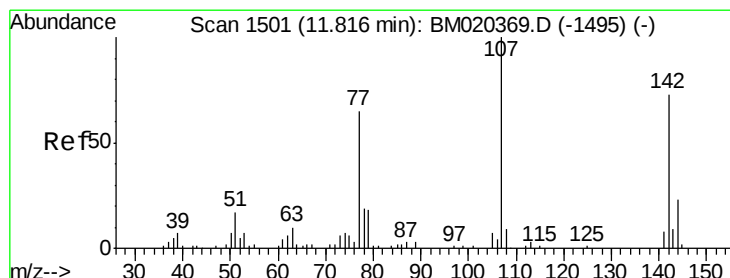
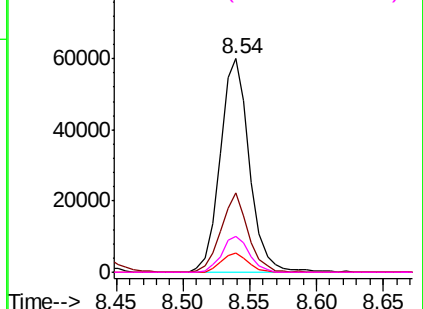


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#33

4-Chloro-3-methylphenol

Concen: 32.512 ng/ul

RT: 11.82 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BM020377.D

Acq: 17 May 2019 22:31

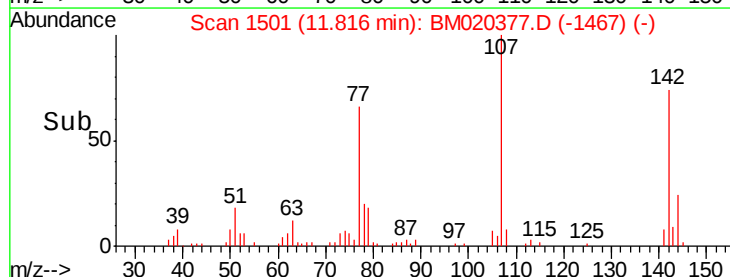
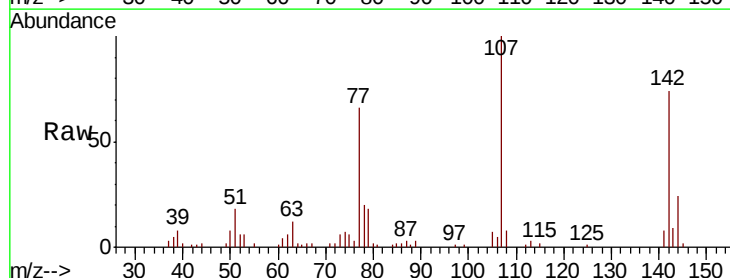
Tgt Ion: 107 Resp: 91451

Ion Ratio Lower Upper

107 100

144 23.8 21.2 31.8

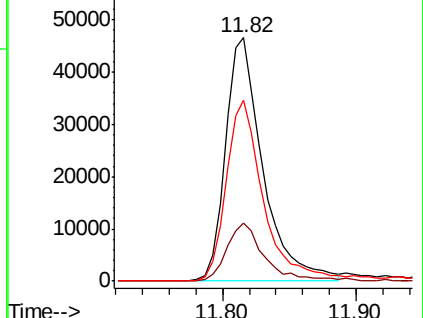
142 74.2 61.3 91.9

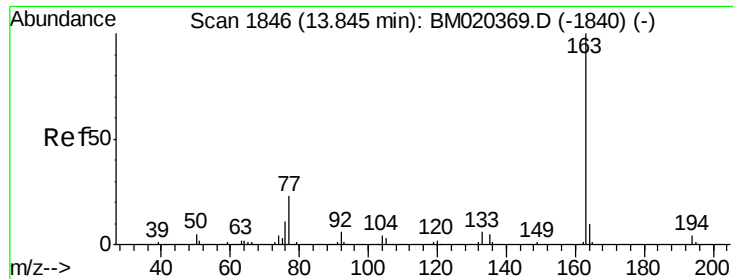


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

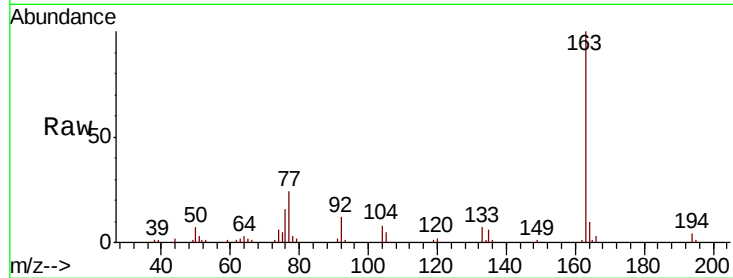




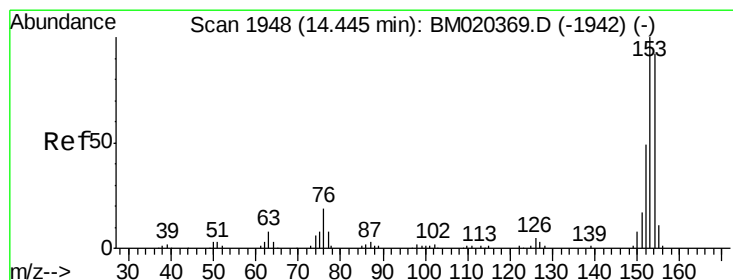
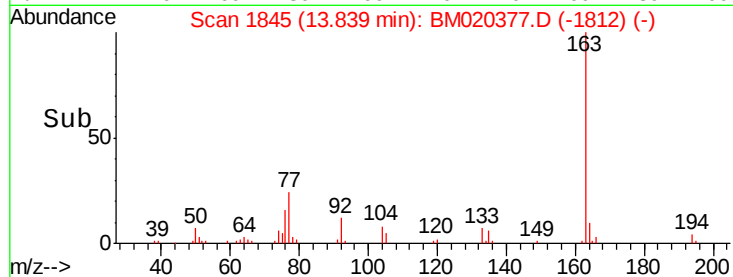
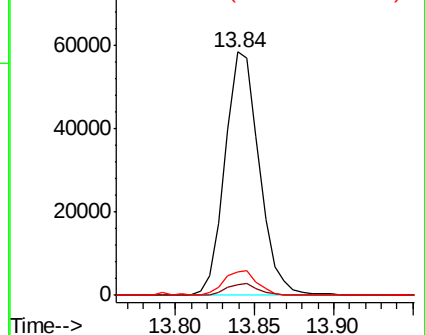
#44
Dimethylphthalate
Concen: 11.309 ng/ul
RT: 13.84 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BM020377.D
Acq: 17 May 2019 22:31

Instrument :
BNA_M
ClientSampleId :
GAJ95MS

Tot Ion:163 Resp: 87554
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.6 8.0 12.0

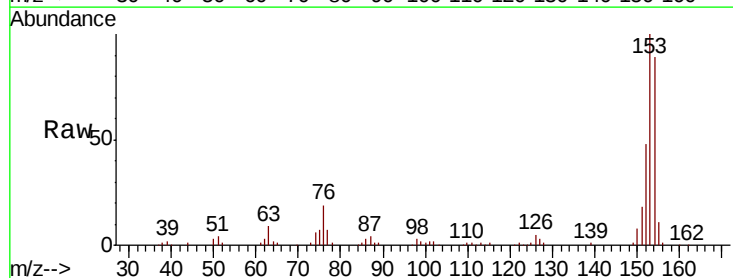


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

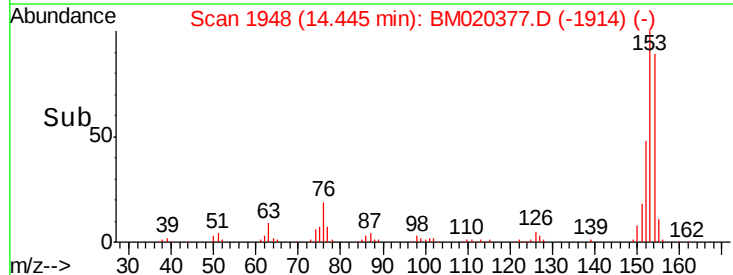
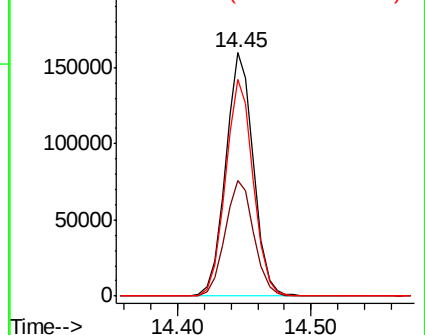


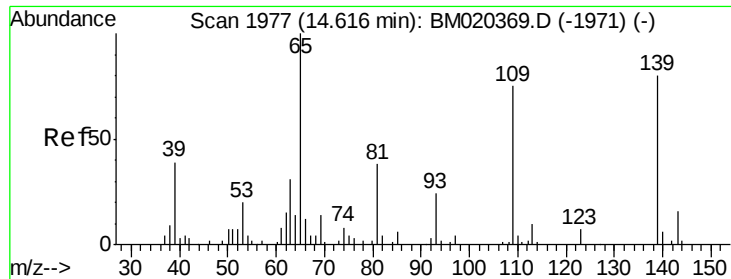
#49
Acenaphthene
Concen: 36.782 ng/ul
RT: 14.45 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BM020377.D
Acq: 17 May 2019 22:31

Tgt Ion:153 Resp: 233434
Ion Ratio Lower Upper
153 100
152 47.6 37.9 56.9
154 89.2 71.2 106.8



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: 27.899 ng/ul

RT: 14.61 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BM020377.D

Acq: 17 May 2019 22:31

Instrument :

BNA_M

ClientSampleId :

GAJ95MS

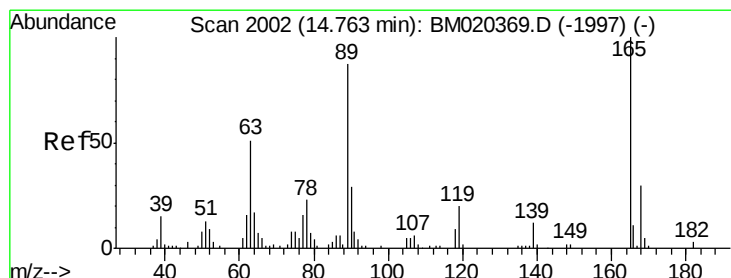
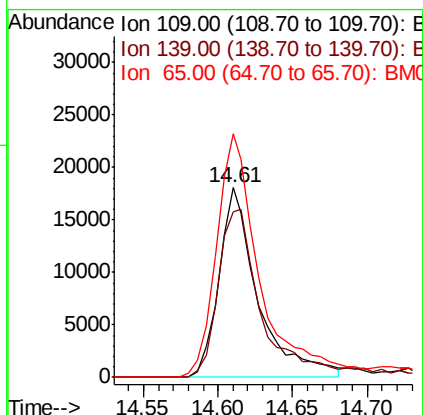
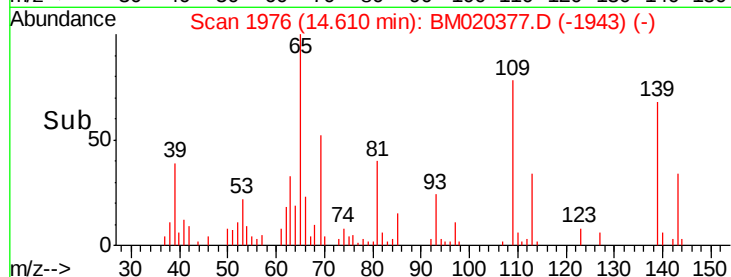
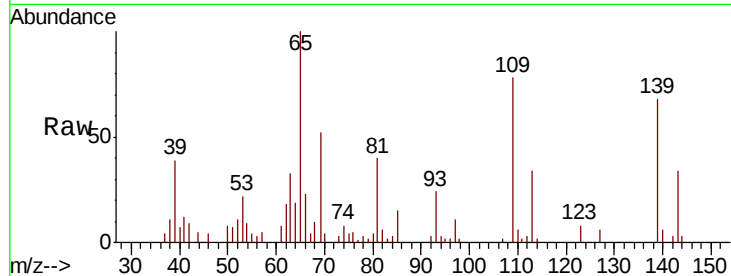
Tot Ion:109 Resp: 33143

Ion Ratio Lower Upper

109 100

139 87.7 78.2 117.2

65 128.7 109.4 164.0



#54

2,4-Dinitrotoluene

Concen: 34.421 ng/ul

RT: 14.76 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BM020377.D

Acq: 17 May 2019 22:31

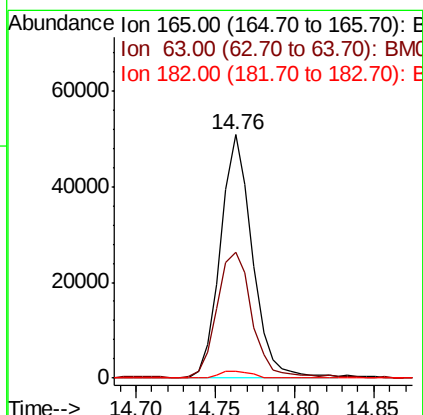
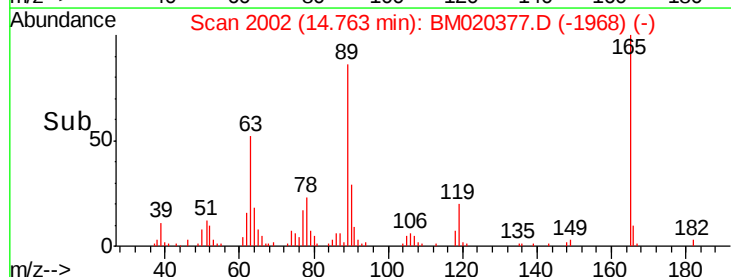
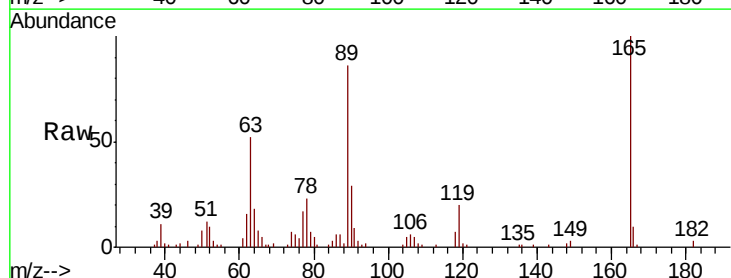
Tgt Ion:165 Resp: 71186

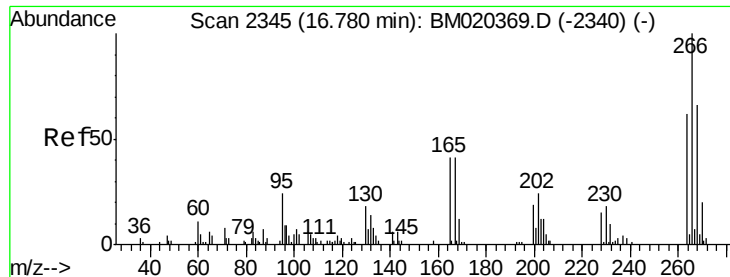
Ion Ratio Lower Upper

165 100

63 51.5 43.2 64.8

182 3.0 2.6 4.0

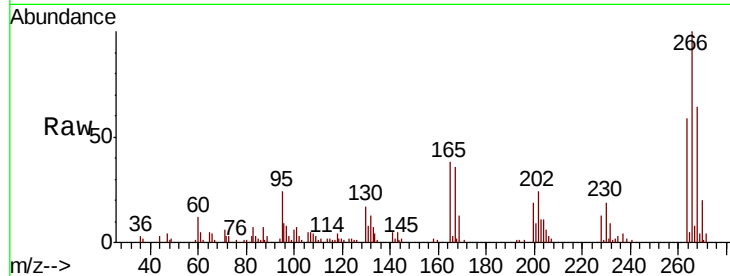




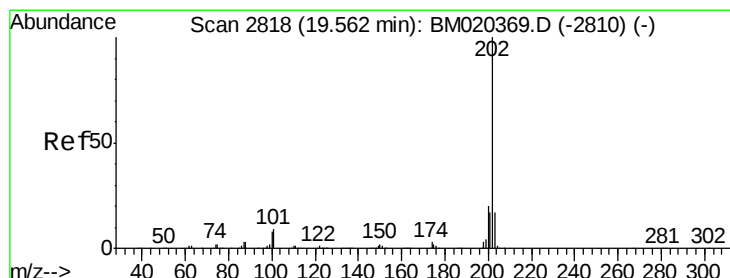
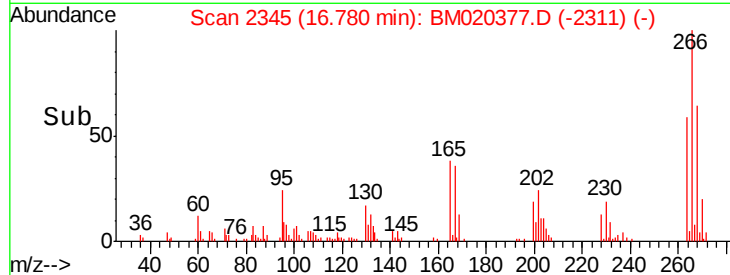
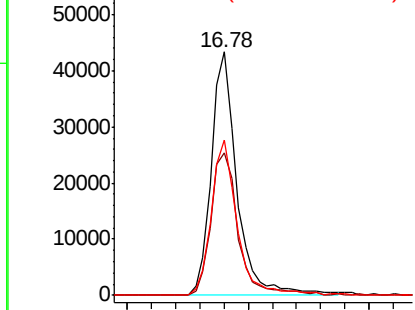
#68
 Pentachlorophenol
 Concen: 32.396 ng/ul
 RT: 16.78 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BM020377.D
 Acq: 17 May 2019 22:31

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 BNA_M
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 GAJ95MS

Tot Ion:266 Resp: 63743
 Ion Ratio Lower Upper
 266 100
 264 58.5 47.4 71.2
 268 64.0 51.2 76.8

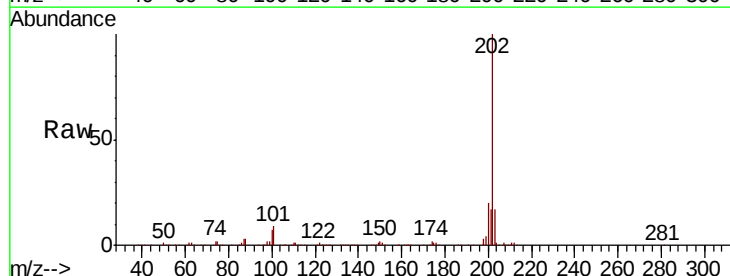


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 36.950 ng/ul
 RT: 19.56 min Scan# 2818
 Delta R.T. 0.00 min
 Lab File: BM020377.D
 Acq: 17 May 2019 22:31

Tgt Ion:202 Resp: 612598
 Ion Ratio Lower Upper
 202 100
 101 8.6 7.1 10.7
 100 7.4 5.9 8.9



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

