

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020477.D
 Acq On : 22 May 2019 01:37
 Operator : JU/SJ
 Sample : K2788-23MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A51B1MSD

Quant Time: May 22 04:58:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	53549	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	191837	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	109902	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	277498	20.00	ng/ul	-0.01
77) Chrysene-d12	21.32	240	328524	20.00	ng/ul	-0.01
85) Perylene-d12	23.59	264	391521	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	7878	5.43	ng/uL	0.00
5) Phenol-d5	6.89	99	111476	26.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	69962	25.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	87766	28.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	77262	24.84	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	36536	29.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	40319	29.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	79447	27.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	88590	29.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	235512	29.79	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	298820	30.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	16057	13.99	ng/ul	0.00
57) Fluorene-d10	15.37	176	215077	30.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	22126	14.00	ng/ul	0.00
70) Anthracene-d10	17.22	188	342669	28.79	ng/ul	0.00
78) Pyrene-d10	19.52	212	440748	27.85	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.44	264	525721	29.55	ng/ul	-0.02

Target Compounds

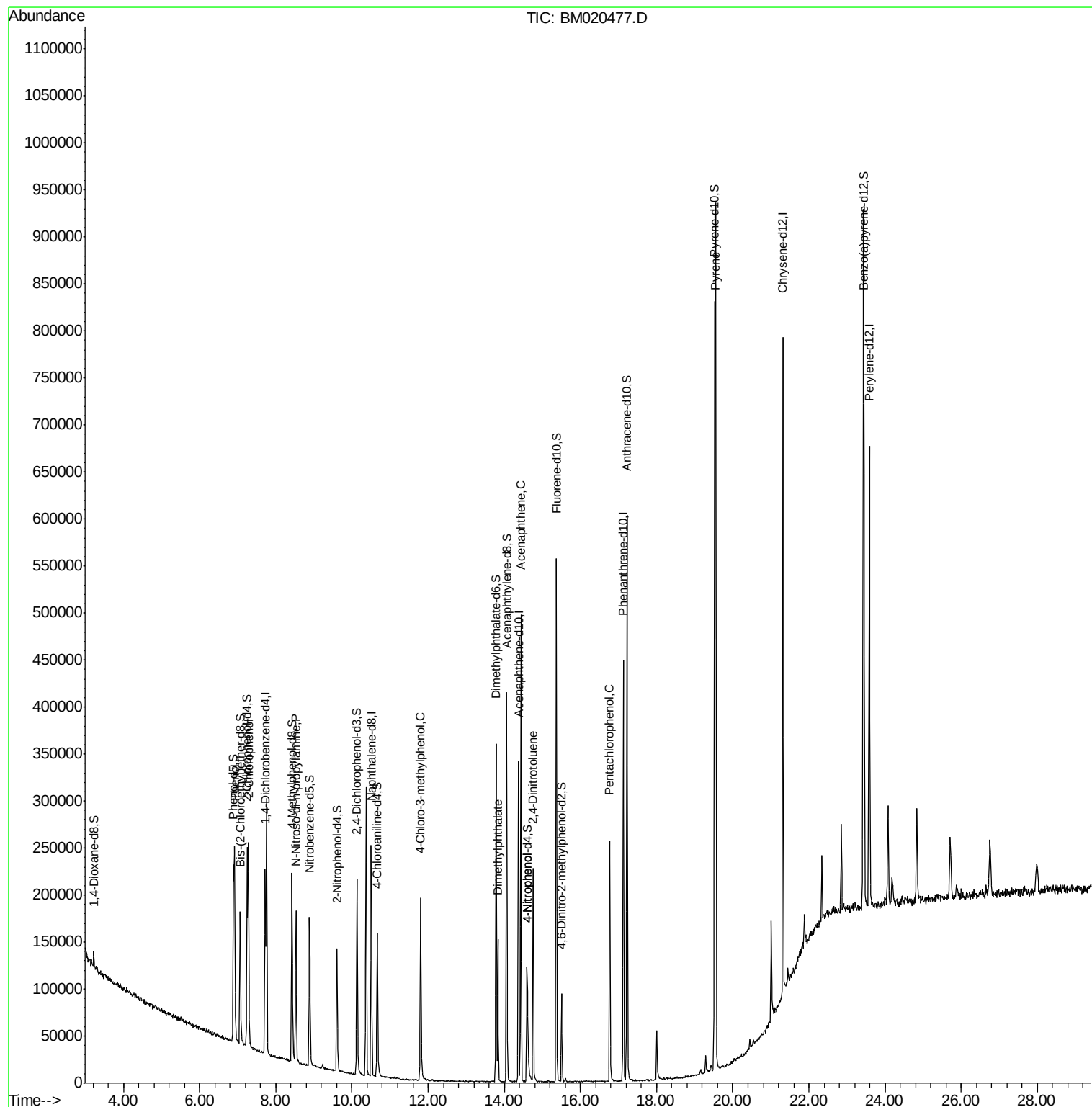
					Qvalue
6) Phenol	6.92	94	117472	26.141	ng/ul 96
10) 2-Chlorophenol	7.28	128	86888	27.175	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.53	70	77025	25.412	ng/ul 99
33) 4-Chloro-3-methylphenol	11.80	107	77791	27.178	ng/ul 97
44) Dimethylphthalate	13.83	163	96786	12.373	ng/ul# 97
49) Acenaphthene	14.43	153	191514	29.868	ng/ul 99
52) 4-Nitrophenol	14.60	109	21161	17.631	ng/ul 97
54) 2,4-Dinitrotoluene	14.76	165	56663	27.118	ng/ul 99
68) Pentachlorophenol	16.77	266	54055	26.180	ng/ul 98
79) Pyrene	19.55	202	549650	27.875	ng/ul 99

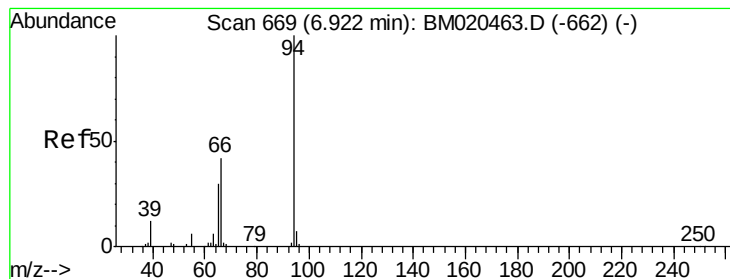
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 26.141 ng/ul

RT: 6.92 min Scan# 668

Delta R.T. -0.01 min

Lab File: BM020477.D

Acq: 22 May 2019 01:37

Instrument :

BNA_M

ClientSampleId :

A51B1MSD

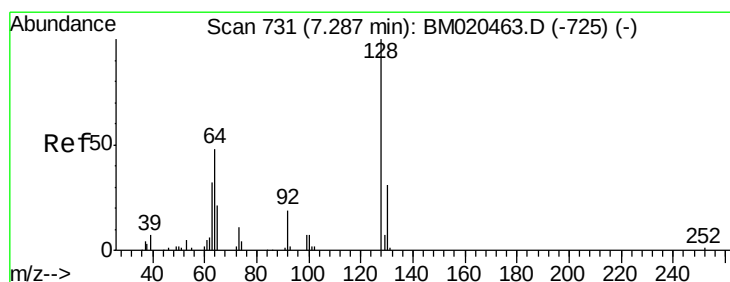
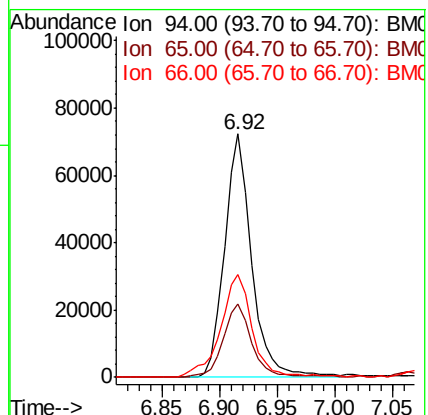
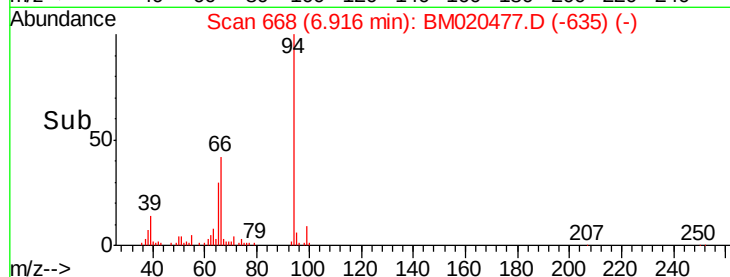
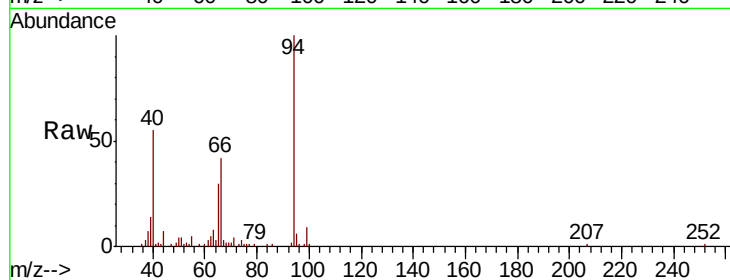
Tgt Ion: 94 Resp: 117472

Ion Ratio Lower Upper

94 100

65 30.2 25.4 38.0

66 42.1 36.5 54.7



#10

2-Chlorophenol

Concen: 27.175 ng/ul

RT: 7.28 min Scan# 730

Delta R.T. -0.01 min

Lab File: BM020477.D

Acq: 22 May 2019 01:37

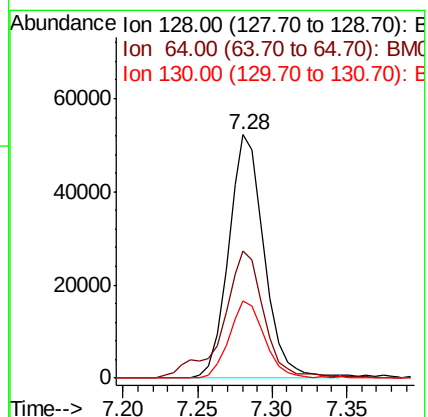
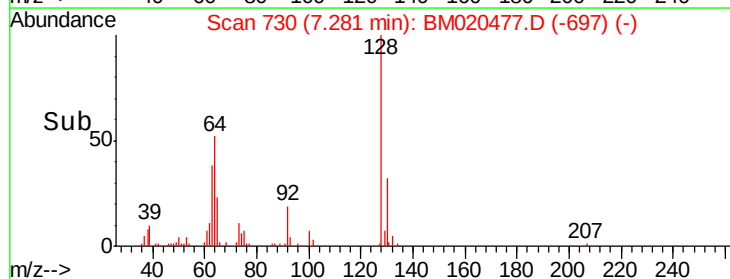
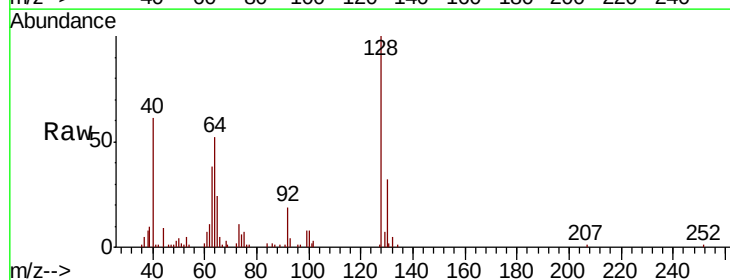
Tgt Ion: 128 Resp: 86888

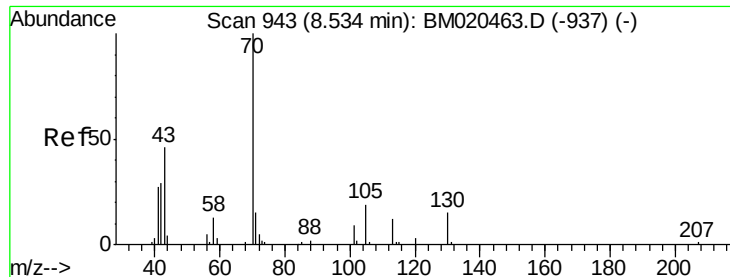
Ion Ratio Lower Upper

128 100

64 52.5 40.6 60.8

130 31.5 25.1 37.7





#15

N-Nitroso-di-n-propylamine

Concen: 25.412 ng/ul

RT: 8.53 min Scan# 942

Delta R.T. -0.01 min

Lab File: BM020477.D

Acq: 22 May 2019 01:37

Instrument :

BNA_M

ClientSampleId :

A51B1MSD

Tgt Ion: 70 Resp: 77025

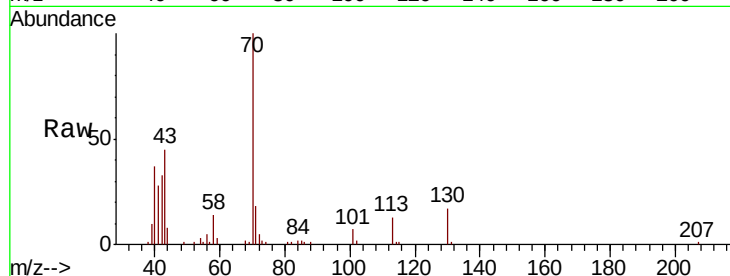
Ion Ratio Lower Upper

70 100

42 32.9 26.5 39.7

101 7.5 7.2 10.8

130 16.8 12.9 19.3

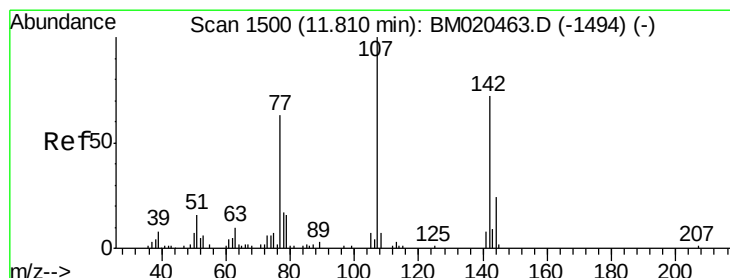
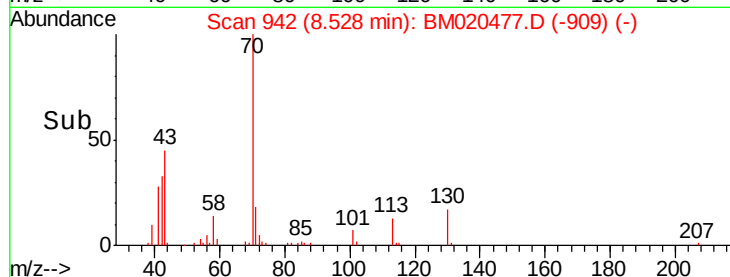
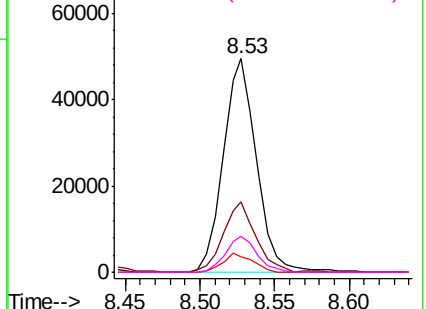


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 27.178 ng/ul

RT: 11.80 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BM020477.D

Acq: 22 May 2019 01:37

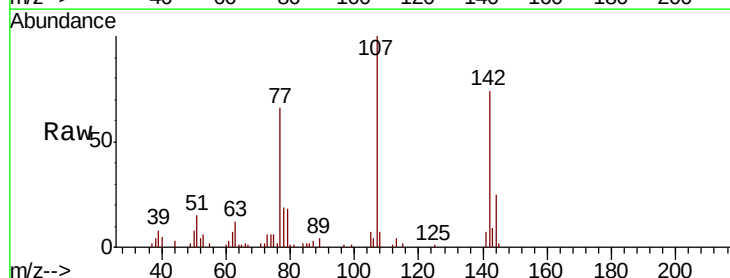
Tgt Ion: 107 Resp: 77791

Ion Ratio Lower Upper

107 100

144 24.6 21.2 31.8

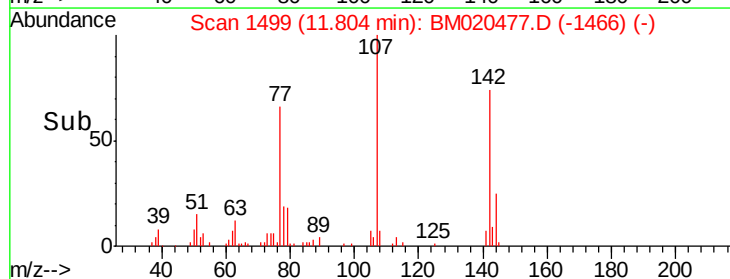
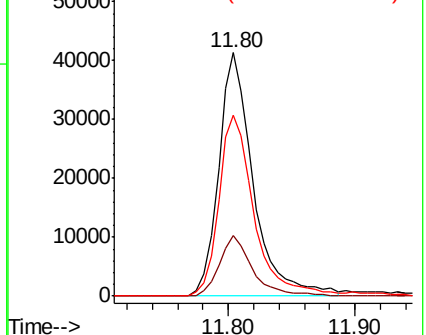
142 74.5 61.3 91.9

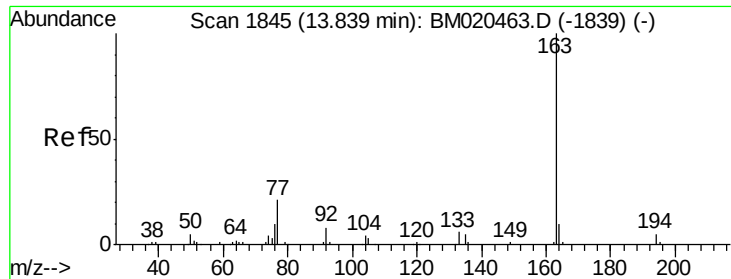


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#44

Dimethylphthalate

Concen: 12.373 ng/ul

RT: 13.83 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BM020477.D

Acq: 22 May 2019 01:37

Instrument :

BNA_M

ClientSampleId :

A51B1MSD

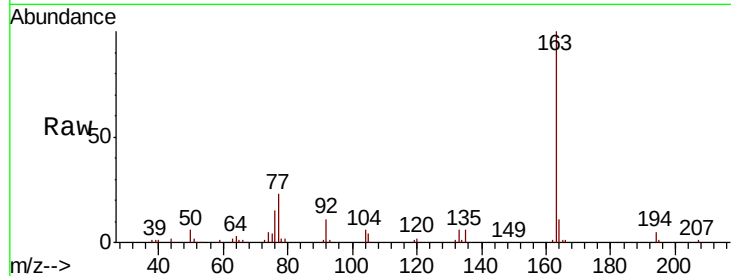
Tgt Ion:163 Resp: 96786

Ion Ratio Lower Upper

163 100

194 5.1 3.3 4.9#

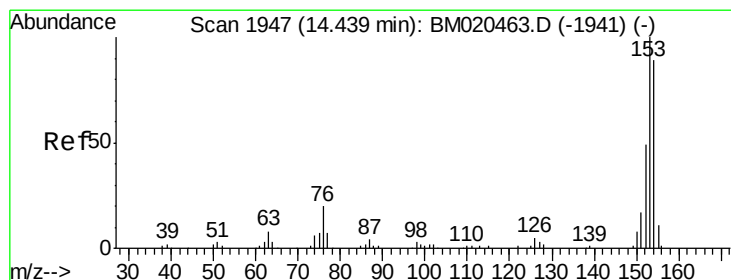
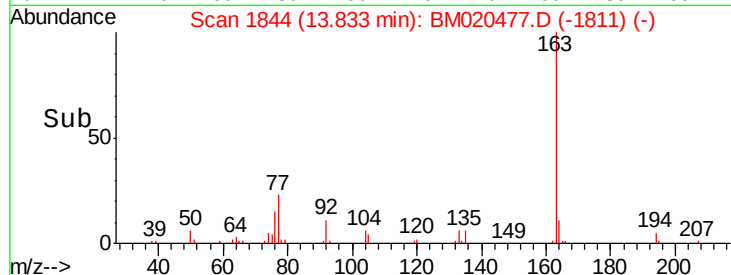
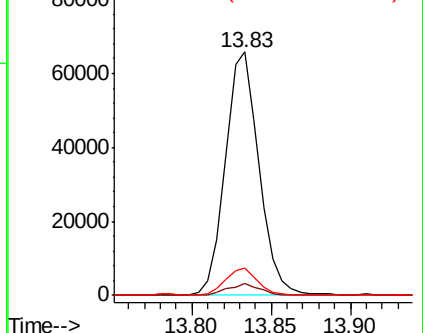
164 11.2 8.0 12.0



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: 29.868 ng/ul

RT: 14.43 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BM020477.D

Acq: 22 May 2019 01:37

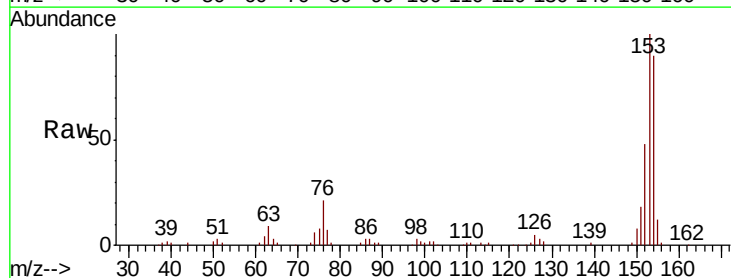
Tgt Ion:153 Resp: 191514

Ion Ratio Lower Upper

153 100

152 48.2 37.9 56.9

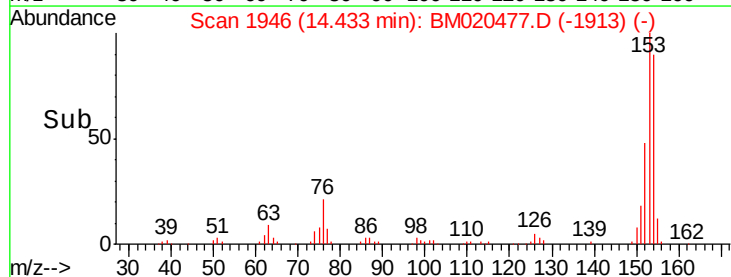
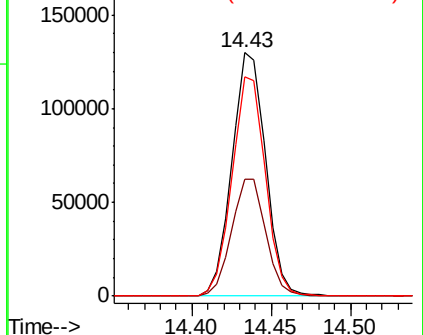
154 90.0 71.2 106.8

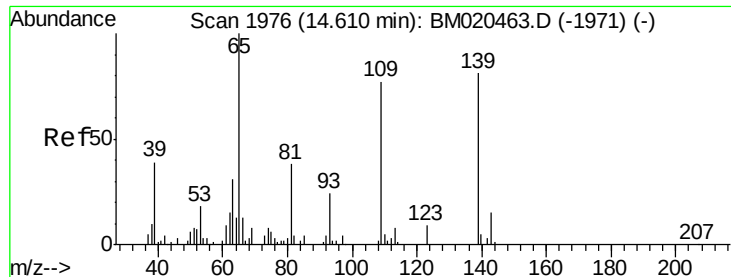


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 17.631 ng/ul

RT: 14.60 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BM020477.D

Acq: 22 May 2019 01:37

Instrument :

BNA_M

ClientSampleId :

A51B1MSD

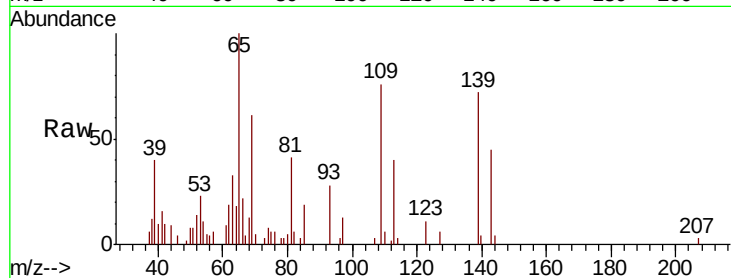
Tgt Ion:109 Resp: 21161

Ion Ratio Lower Upper

109 100

139 95.6 78.2 117.2

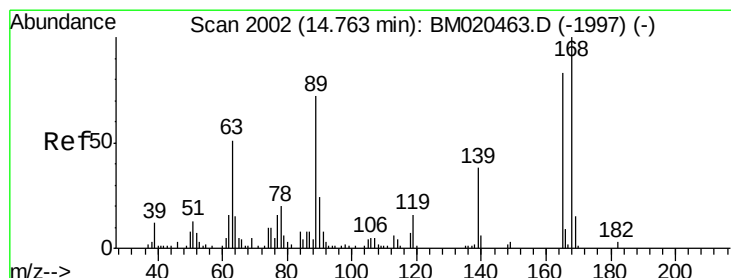
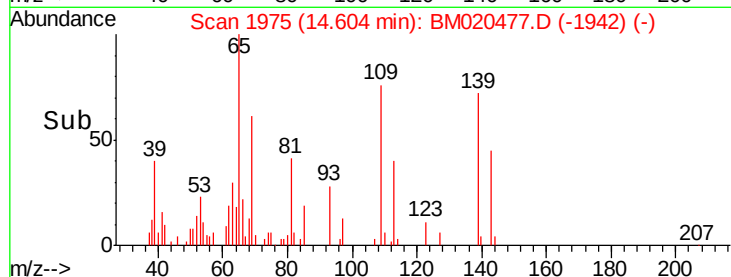
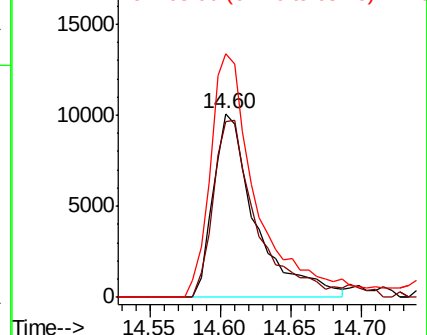
65 132.3 109.4 164.0



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: 27.118 ng/ul

RT: 14.76 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BM020477.D

Acq: 22 May 2019 01:37

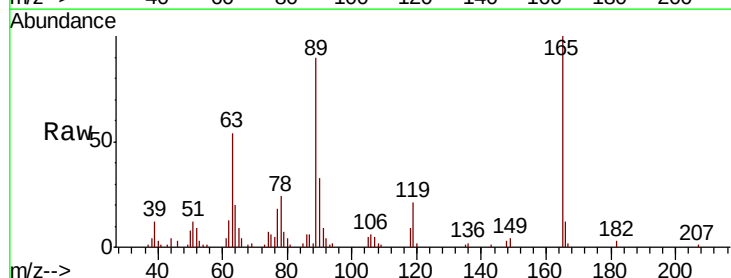
Tgt Ion:165 Resp: 56663

Ion Ratio Lower Upper

165 100

63 54.5 43.2 64.8

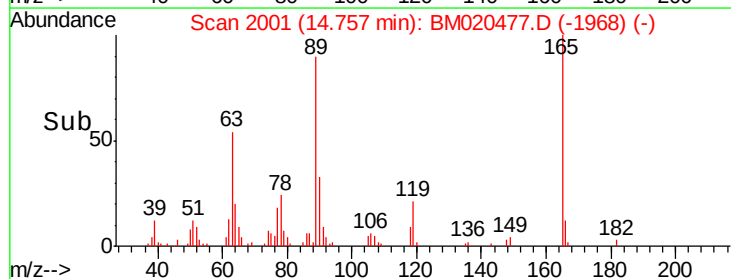
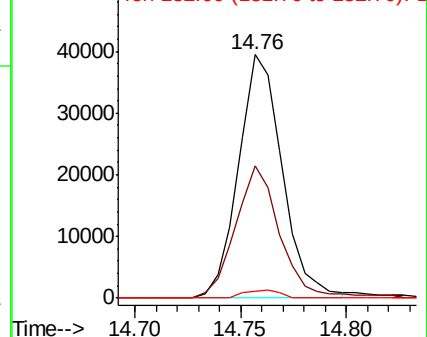
182 2.8 2.6 4.0

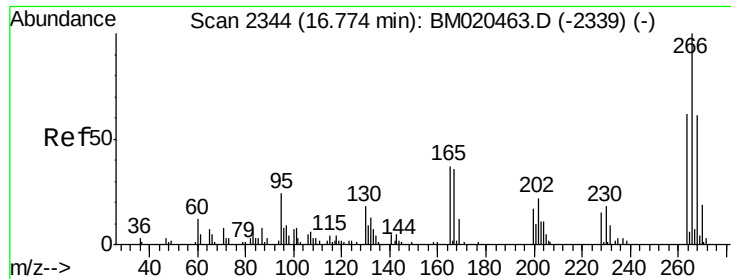


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

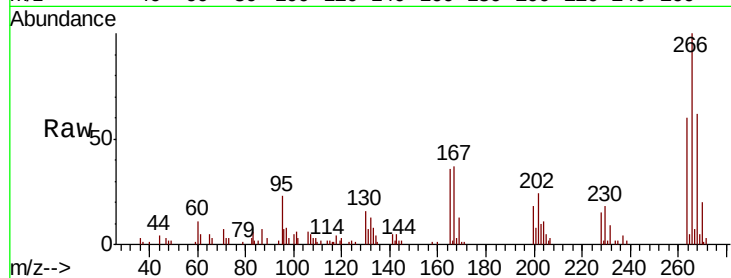




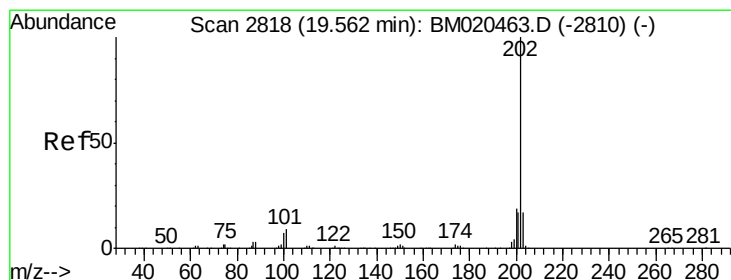
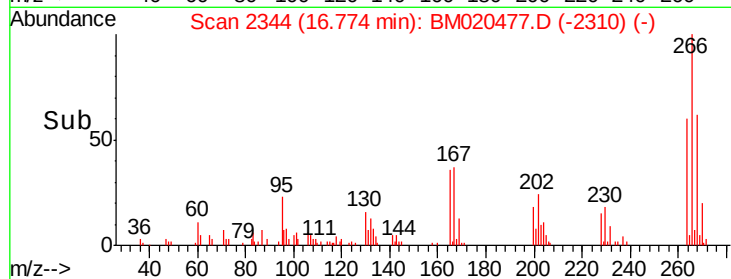
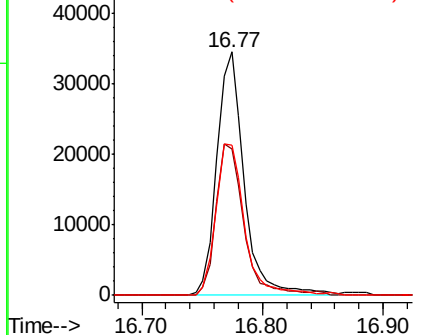
#68
 Pentachlorophenol
 Concen: 26.180 ng/ul
 RT: 16.77 min Scan# 2344
 Delta R.T. -0.00 min
 Lab File: BM020477.D
 Acq: 22 May 2019 01:37

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Tgt Ion	Ratio	Lower	Upper
266	100		
264	60.1	47.4	71.2
268	61.6	51.2	76.8

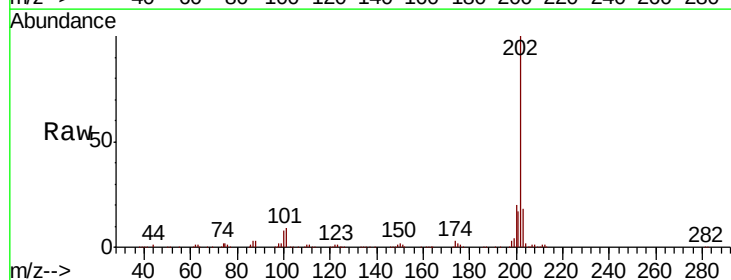


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 27.875 ng/ul
 RT: 19.55 min Scan# 2816
 Delta R.T. -0.01 min
 Lab File: BM020477.D
 Acq: 22 May 2019 01:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.4	7.1	10.7
100	7.8	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): E

