

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121820\
 Data File : BM028167.D
 Acq On : 18 Dec 2020 20:28
 Operator : JU/CG
 Sample : L5068-07MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A54G5MSD

Quant Time: Dec 19 00:13:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 19 00:05:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	113899	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	445518	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	241080	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	478151	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	467622	20.00	ng/ul	0.00
86) Perylene-d12	24.03	264	483300	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	14459	5.05	ng/uL	0.00
5) Phenol-d5	7.35	99	268796	28.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	166210	27.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.73	132	233576	28.87	ng/ul	-0.01
13) 4-Methylphenol-d8	8.92	113	213867	27.32	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	103807	29.71	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.11	143	111966	31.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	202665	28.15	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.16	131	276810	32.43	ng/ul	-0.01
44) Dimethylphthalate-d6	14.23	166	564869	30.41	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	725690	31.14	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	93079	27.56	ng/ul	0.00
58) Fluorene-d10	15.82	176	475262	28.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	73979	25.98	ng/ul	0.00
71) Anthracene-d10	17.65	188	722826	30.46	ng/ul	0.00
79) Pyrene-d10	19.91	212	793223	30.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.88	264	840773	31.59	ng/ul	0.00

Target Compounds

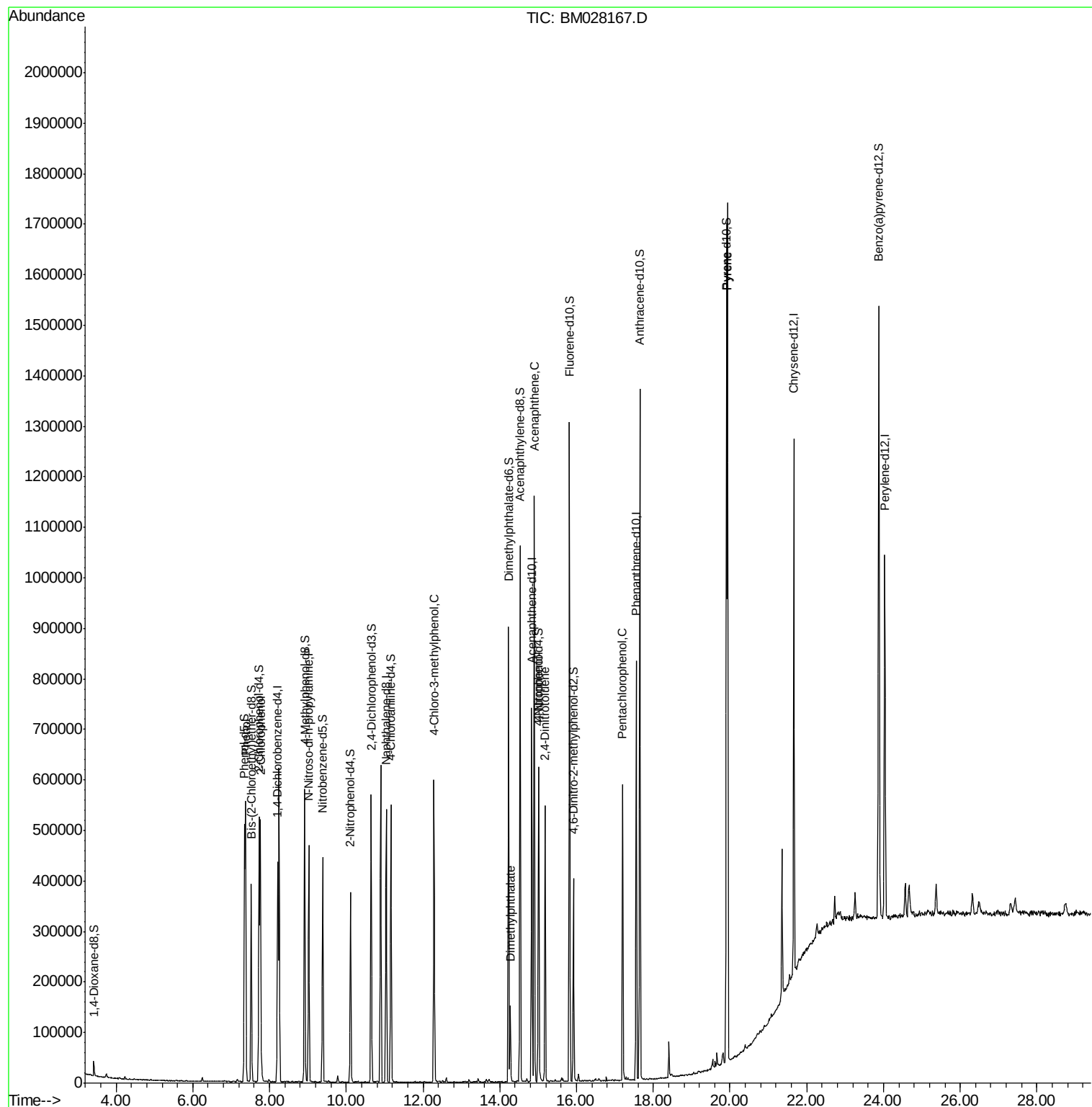
					Ovalue
6) Phenol	7.37	94	278615	29.050	ng/ul 96
10) 2-Chlorophenol	7.76	128	217432	26.329	ng/ul 99
15) N-Nitroso-di-n-propylamine	9.02	70	149961	25.385	ng/ul 94
33) 4-Chloro-3-methylphenol	12.29	107	190703	25.903	ng/ul 98
45) Dimethylphthalate	14.28	163	92227	4.860	ng/ul 99
50) Acenaphthene	14.90	153	446942	26.364	ng/ul 99
53) 4-Nitrophenol	15.02	109	71966	27.384	ng/ul 96
55) 2,4-Dinitrotoluene	15.18	165	143570	27.635	ng/ul 95
69) Pentachlorophenol	17.20	266	96909	27.437	ng/ul 96
80) Pyrene	19.94	202	928209	26.340	ng/ul 98

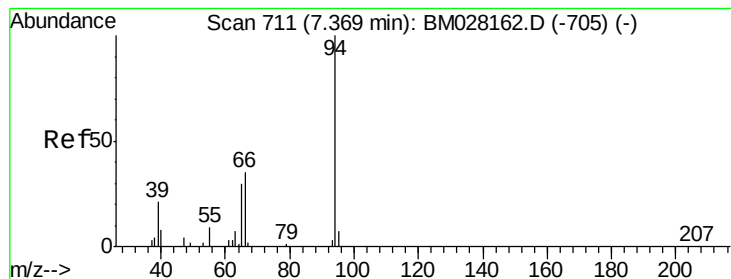
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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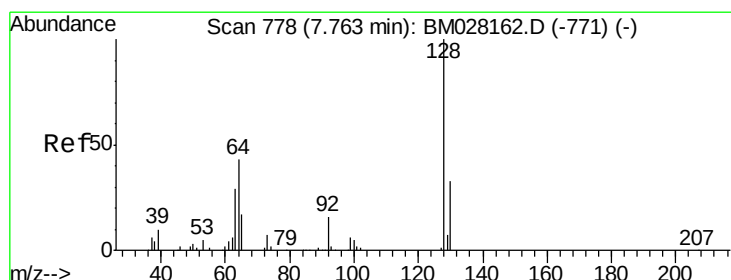
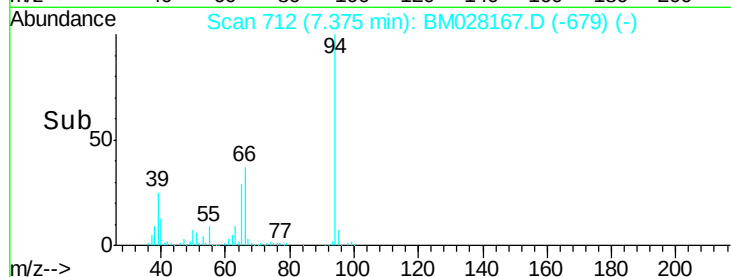
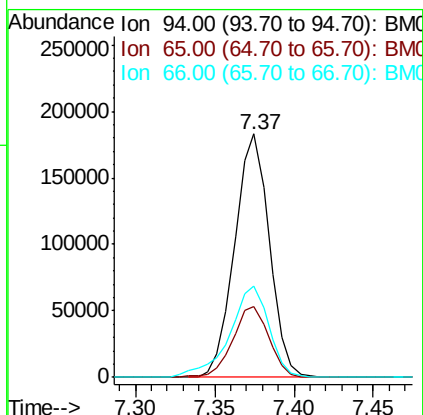
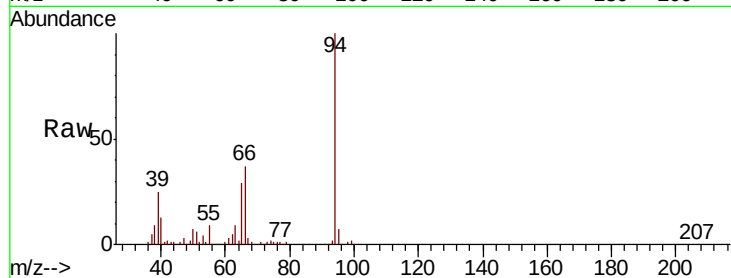
#6

Phenol

Concen: 29.050 ng/ul
 RT: 7.37 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BM028167.D
 Acq: 18 Dec 2020 20:28

Instrument :
 BNA_M
 ClientSampleId :
 A54G5MSD

Tot Ion	94	Resp	278615
Ion Ratio	100	Lower	Upper
65	29.3	25.4	38.0
66	37.3	31.5	47.3

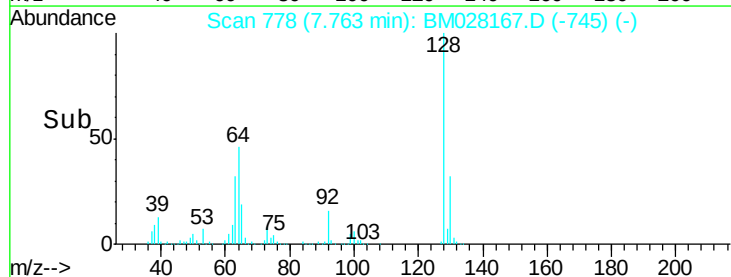
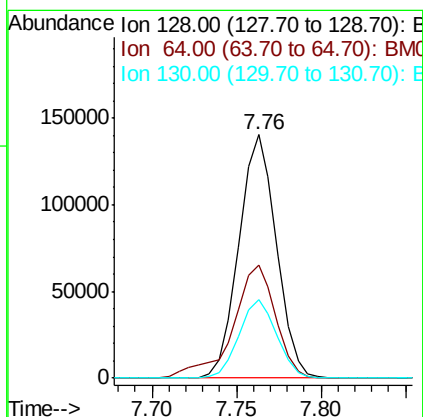
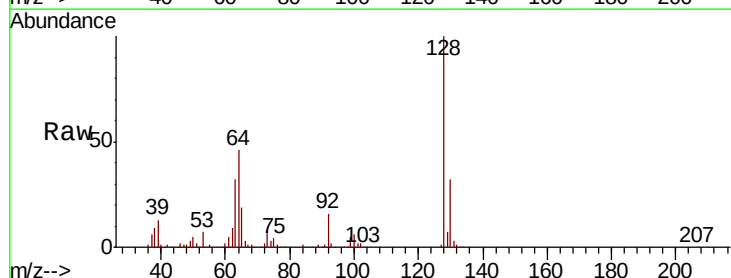


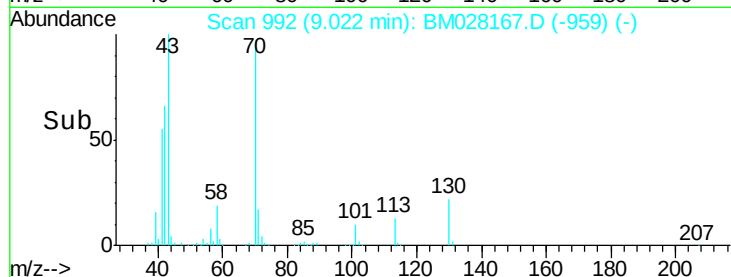
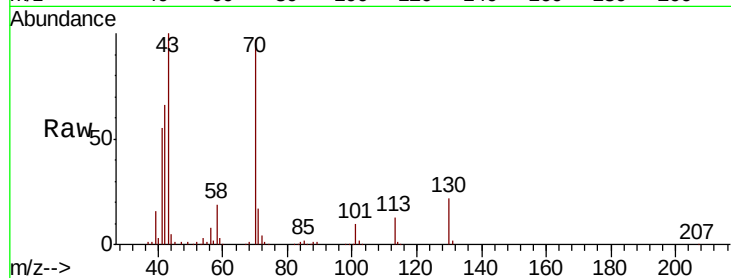
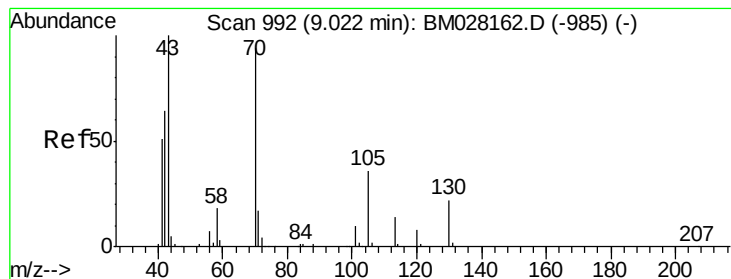
#10

2-Chlorophenol

Concen: 26.329 ng/ul
 RT: 7.76 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BM028167.D
 Acq: 18 Dec 2020 20:28

Tgt Ion	128	Resp	217432
Ion Ratio	100	Lower	Upper
64	46.2	37.4	56.0
130	32.0	25.8	38.6





#15

N-Nitroso-di-n-propylamine

Concen: 25.385 ng/ul

RT: 9.02 min Scan# 992

Delta R.T. -0.01 min

Lab File: BM028167.D

Acq: 18 Dec 2020 20:28

Instrument :

BNA_M

ClientSampleId :

A54G5MSD

Tot Ion: 70 Resp: 149961

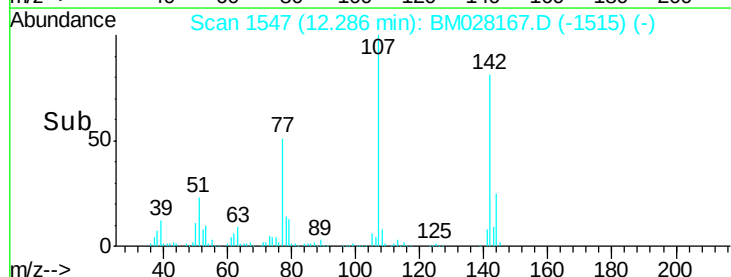
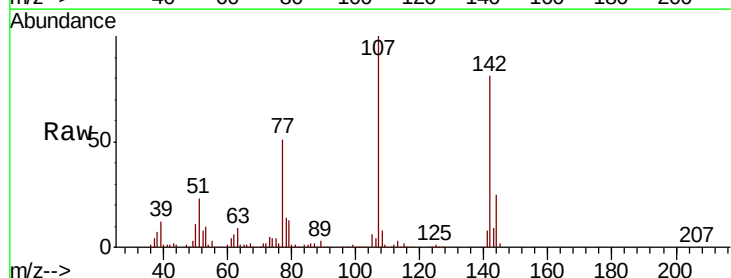
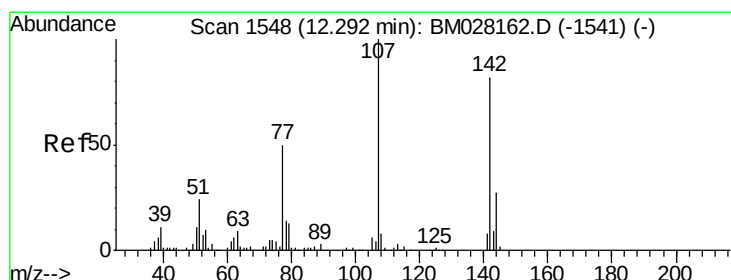
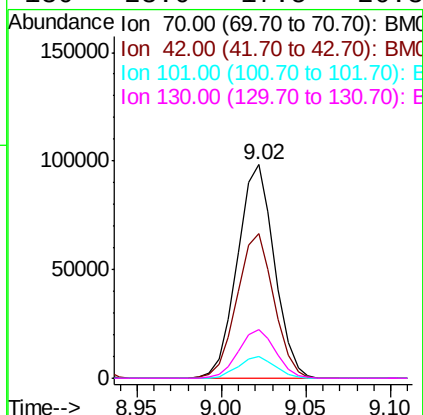
Ion Ratio Lower Upper

70 100

42 67.8 59.4 89.2

101 10.2 8.1 12.1

130 23.0 17.5 26.3



#33

4-Chloro-3-methylphenol

Concen: 25.903 ng/ul

RT: 12.29 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BM028167.D

Acq: 18 Dec 2020 20:28

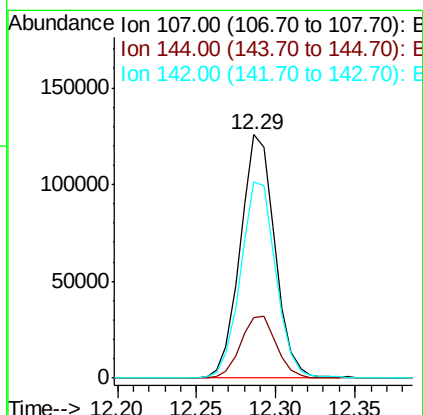
Tgt Ion: 107 Resp: 190703

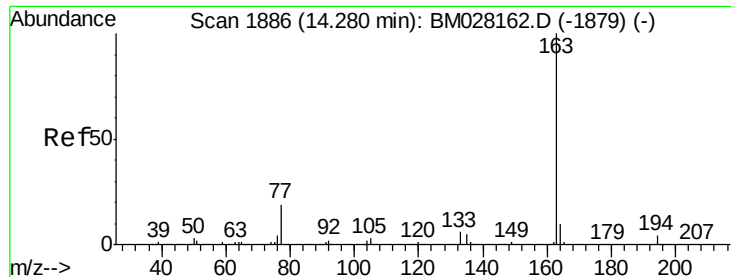
Ion Ratio Lower Upper

107 100

144 24.8 21.8 32.8

142 80.8 65.8 98.8





#45

Dimethylphthalate

Concen: 4.860 ng/ul

RT: 14.28 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BM028167.D

Acq: 18 Dec 2020 20:28

Instrument :

BNA_M

ClientSampleId :

A54G5MSD

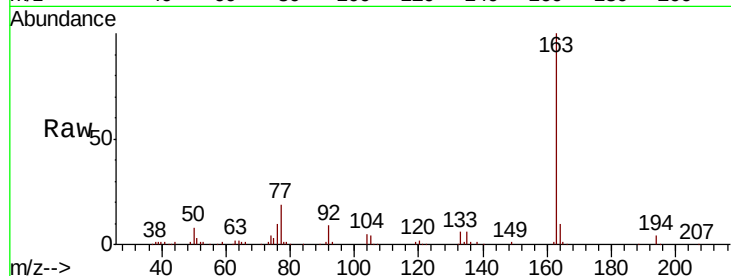
Tot Ion:163 Resp: 92227

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

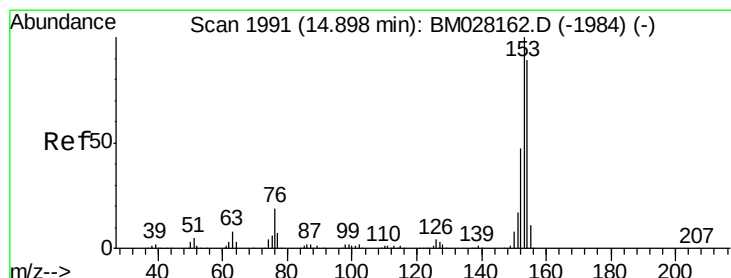
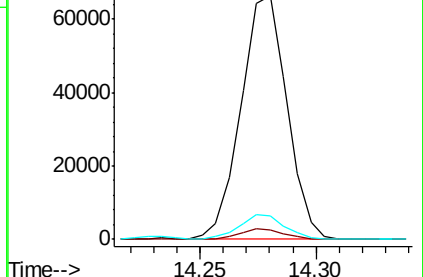
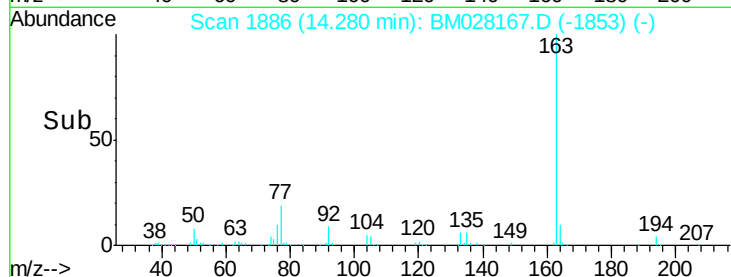
164 9.5 8.0 12.0



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



#50

Acenaphthene

Concen: 26.364 ng/ul

RT: 14.90 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BM028167.D

Acq: 18 Dec 2020 20:28

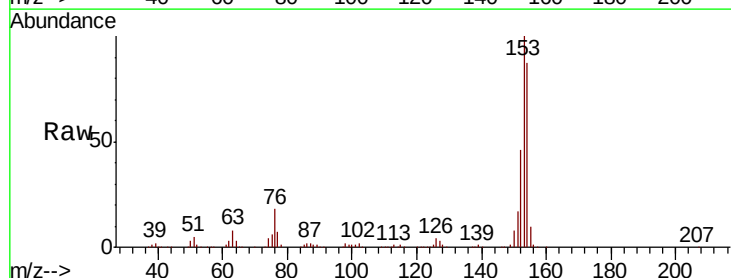
Tgt Ion:153 Resp: 446942

Ion Ratio Lower Upper

153 100

152 46.4 36.7 55.1

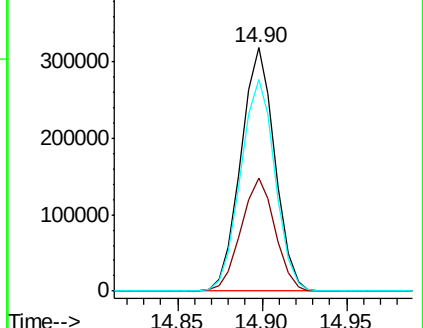
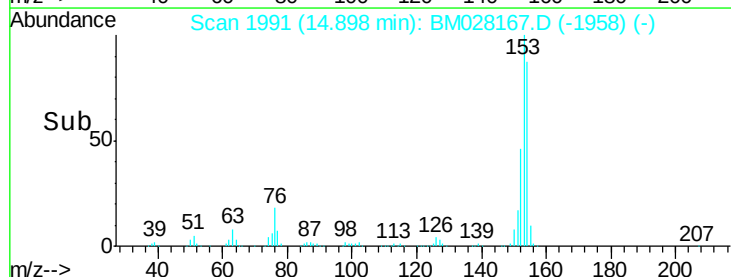
154 87.1 70.6 106.0

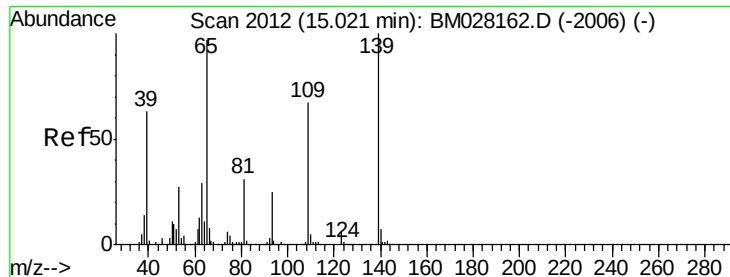


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 27.384 ng/ul

RT: 15.02 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BM028167.D

Acq: 18 Dec 2020 20:28

Instrument :

BNA_M

ClientSampleId :

A54G5MSD

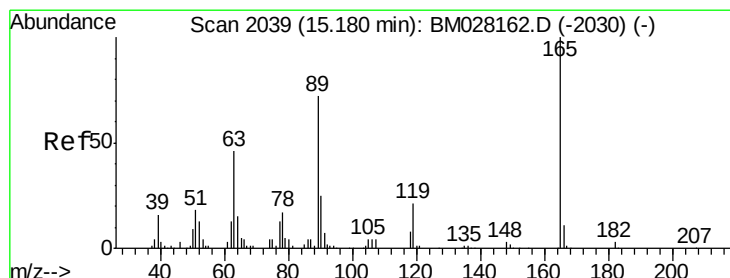
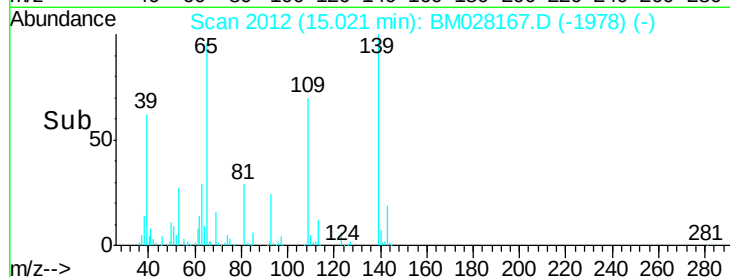
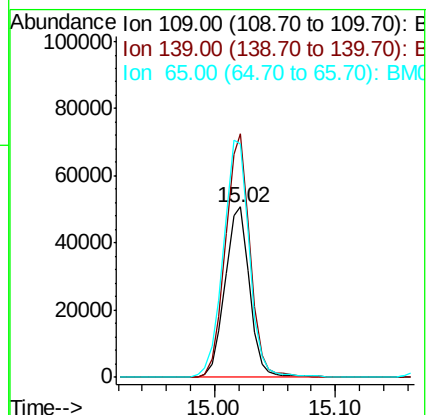
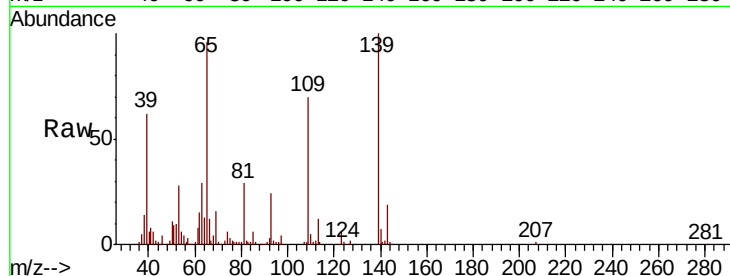
Tot Ion:109 Resp: 71966

Ion Ratio Lower Upper

109 100

139 142.9 108.6 162.8

65 137.1 111.9 167.9



#55

2,4-Dinitrotoluene

Concen: 27.635 ng/ul

RT: 15.18 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BM028167.D

Acq: 18 Dec 2020 20:28

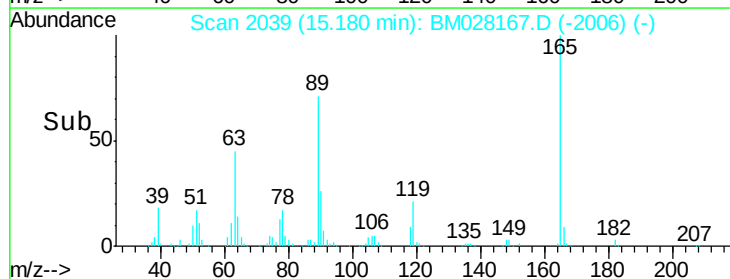
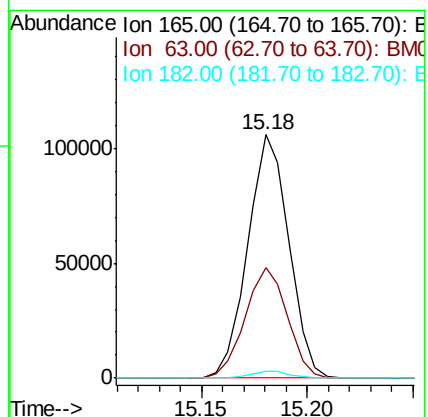
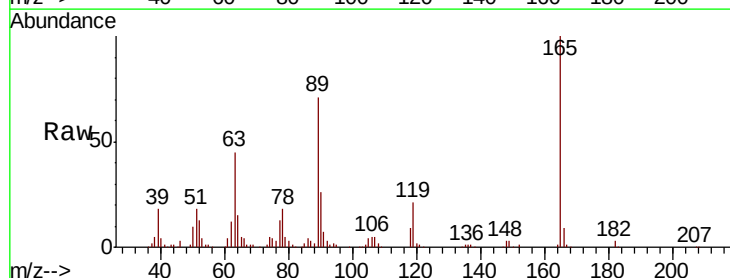
Tgt Ion:165 Resp: 143570

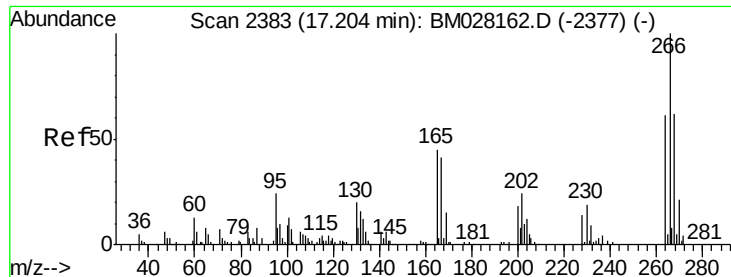
Ion Ratio Lower Upper

165 100

63 45.4 39.5 59.3

182 3.0 2.3 3.5





#69

Pentachlorophenol

Concen: 27.437 ng/ul

RT: 17.20 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BM028167.D

Acq: 18 Dec 2020 20:28

Instrument :

BNA_M

ClientSampleId :

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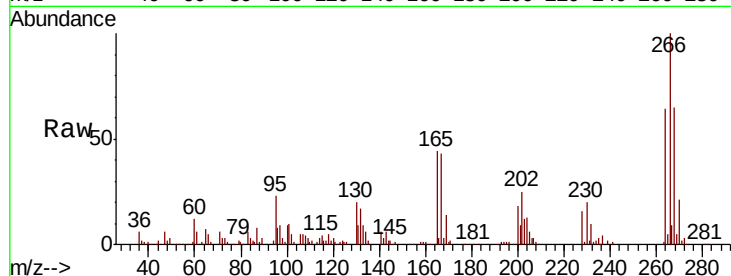
Tot Ion:266 Resp: 96909

Ion Ratio Lower Upper

266 100

264 63.8 48.4 72.6

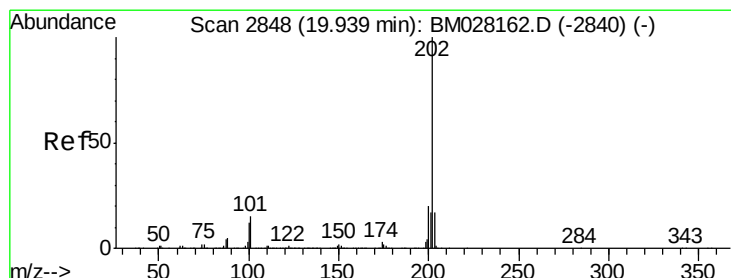
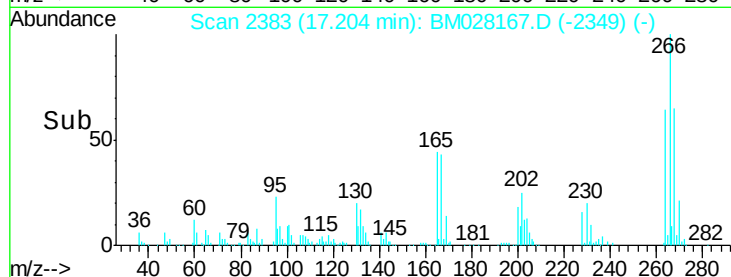
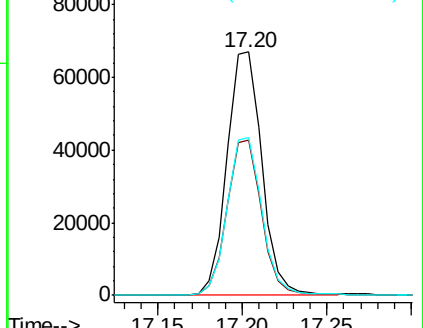
268 64.7 49.3 73.9



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



#80

Pyrene

Concen: 26.340 ng/ul

RT: 19.94 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BM028167.D

Acq: 18 Dec 2020 20:28

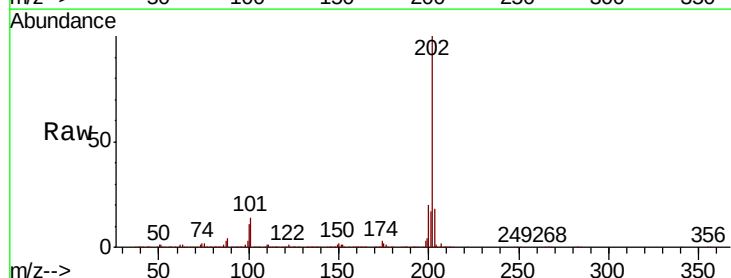
Tgt Ion:202 Resp: 928209

Ion Ratio Lower Upper

202 100

101 13.8 11.5 17.3

100 11.4 9.9 14.9



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

