

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
 Data File : BM024576.D
 Acq On : 22 Jan 2020 11:47
 Operator : JU
 Sample : L1118-06MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GASJ8MS

Quant Time: Jan 22 15:52:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 22 15:40:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	179891	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	787325	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	569726	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.85	188	1326747	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	1286519	20.00	ng/ul	0.00
86) Perylene-d12	23.17	264	1199528	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	19826	5.39	ng/uL	0.00
5) Phenol-d5	6.65	99	363215	27.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	204013	27.54	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	332625	29.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	329238	26.78	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	175592	31.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	201866	33.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	372535	27.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	485057	32.35	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	1270382	28.46	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1507209	29.34	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	200907	26.97	ng/ul	0.00
58) Fluorene-d10	15.10	176	1142139	29.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	188308	24.86	ng/ul	0.00
71) Anthracene-d10	16.94	188	1825301	29.58	ng/ul	0.00
79) Pyrene-d10	19.25	212	2147880	31.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	1824664	29.33	ng/ul	0.00

Target Compounds

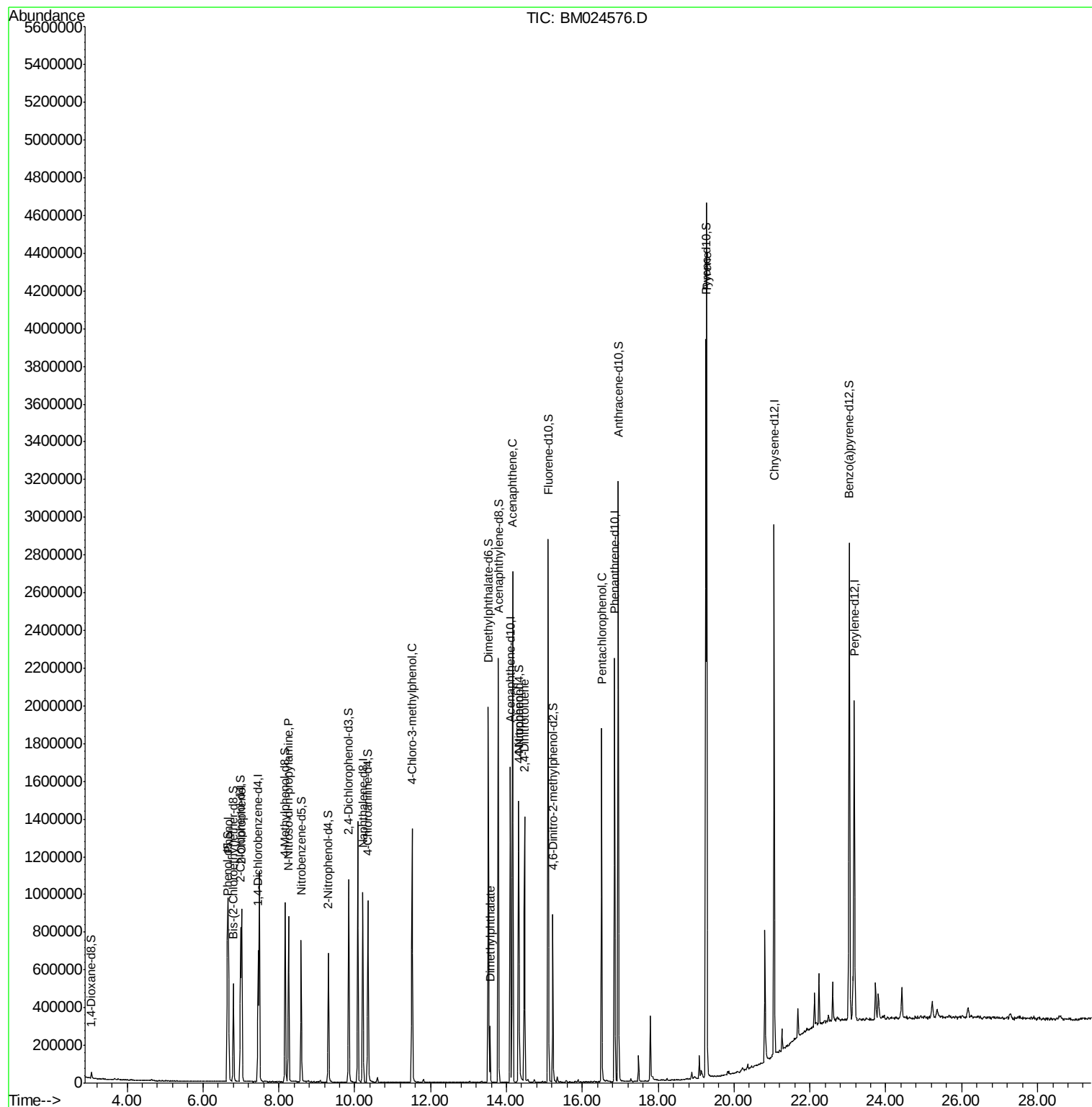
					Ovalue
6) Phenol	6.67	94	444389	32.797	ng/ul 97
10) 2-Chlorophenol	7.02	128	364549	31.987	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.26	70	279959	30.683	ng/ul 99
33) 4-Chloro-3-methylphenol	11.51	107	422931	31.102	ng/ul 98
45) Dimethylphthalate	13.57	163	175504	3.868	ng/ul 99
50) Acenaphthene	14.16	153	1075299	30.273	ng/ul 99
53) 4-Nitrophenol	14.33	109	219163	31.634	ng/ul 97
55) 2,4-Dinitrotoluene	14.47	165	410468	32.150	ng/ul 95
69) Pentachlorophenol	16.51	266	329206	30.613	ng/ul 98
80) Pyrene	19.28	202	2857231	32.442	ng/ul 99

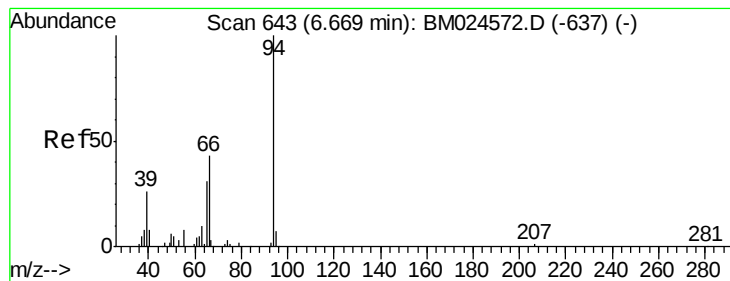
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 32.797 ng/ul

RT: 6.67 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM024576.D

Acq: 22 Jan 2020 11:47

Instrument :

BNA_M

ClientSampleId :

GASJ8MS

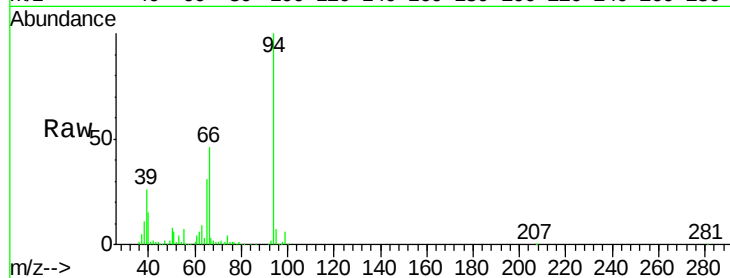
Tot Ion: 94 Resp: 444389

Ion	Ratio	Lower	Upper
94	100		
65	31.1	26.7	40.1
66	45.8	38.1	57.1

94 100

65 31.1 26.7 40.1

66 45.8 38.1 57.1

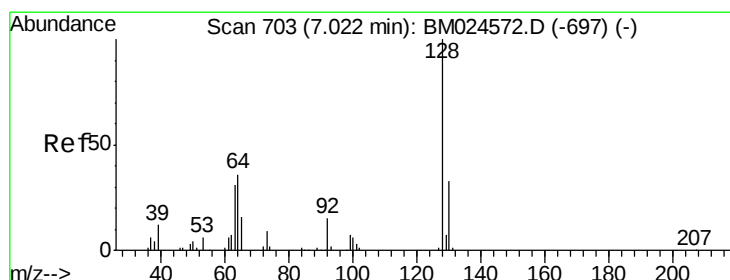
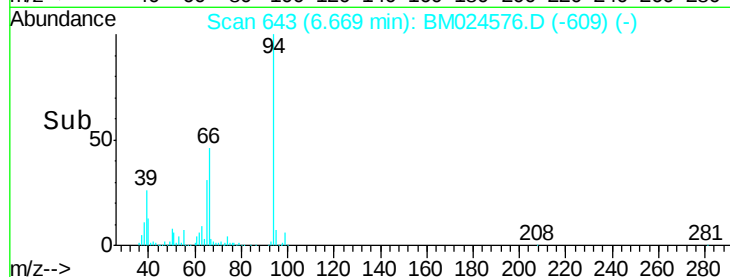
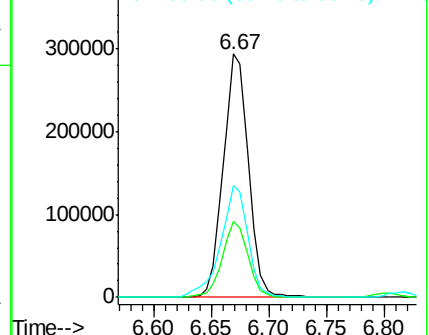


Abundance

Ion 94.00 (93.70 to 94.70): BM0

Ion 65.00 (64.70 to 65.70): BM0

Ion 66.00 (65.70 to 66.70): BM0



#10

2-Chlorophenol

Concen: 31.987 ng/ul

RT: 7.02 min Scan# 703

Delta R.T. 0.00 min

Lab File: BM024576.D

Acq: 22 Jan 2020 11:47

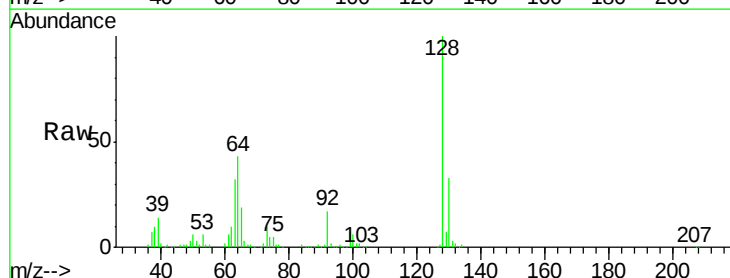
Tgt Ion: 128 Resp: 364549

Ion	Ratio	Lower	Upper
128	100		
64	43.3	34.0	51.0
130	33.2	25.4	38.2

128 100

64 43.3 34.0 51.0

130 33.2 25.4 38.2

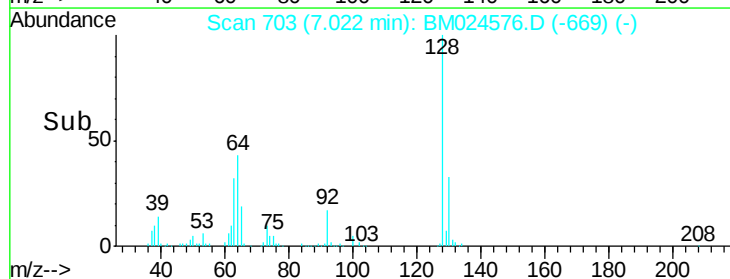
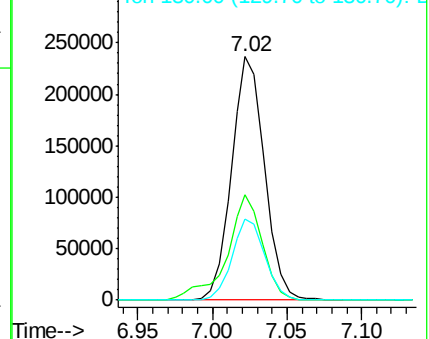


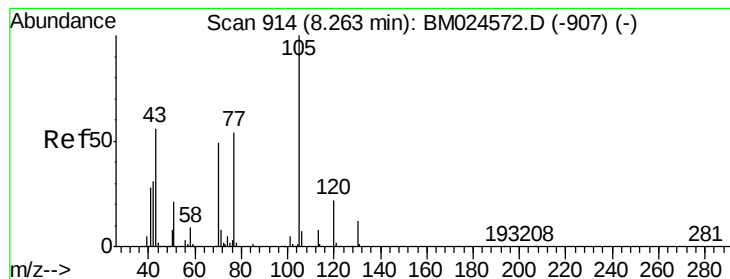
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E





#15

N-Nitroso-di-n-propylamine

Concen: 30.683 ng/ul

RT: 8.26 min Scan# 913

Delta R.T. -0.01 min

Lab File: BM024576.D

Acq: 22 Jan 2020 11:47

Instrument :

BNA_M

ClientSampleId :

GASJ8MS

Tot Ion: 70 Resp: 279959

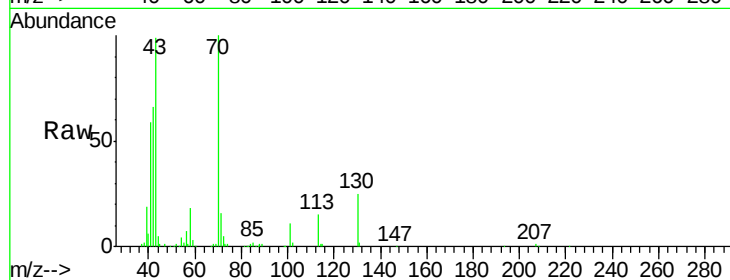
Ion Ratio Lower Upper

70 100

42 66.2 54.1 81.1

101 11.1 8.6 12.8

130 24.8 19.8 29.6

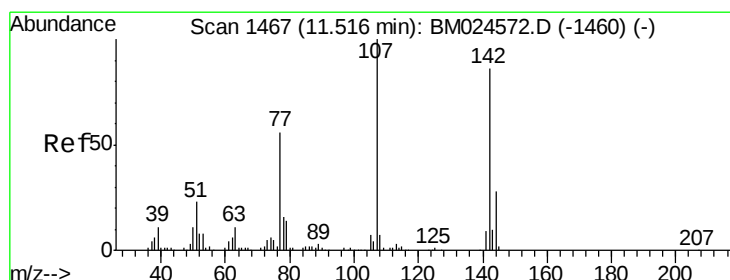
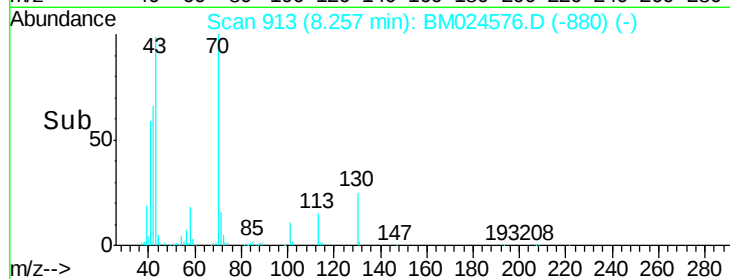
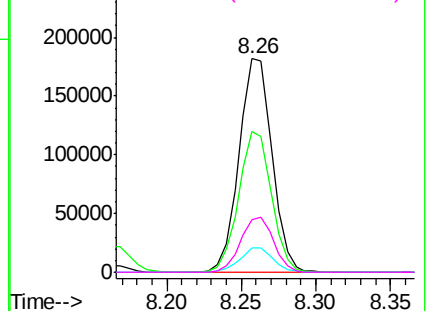


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 31.102 ng/ul

RT: 11.51 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BM024576.D

Acq: 22 Jan 2020 11:47

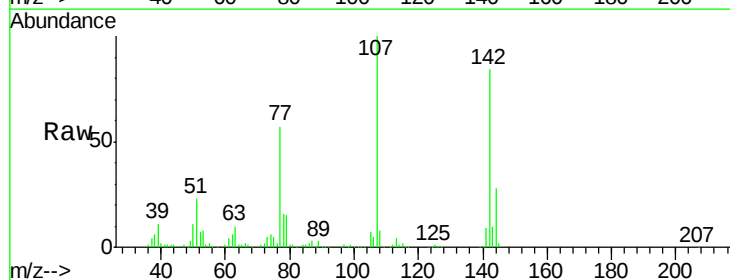
Tgt Ion:107 Resp: 422931

Ion Ratio Lower Upper

107 100

144 27.8 21.3 31.9

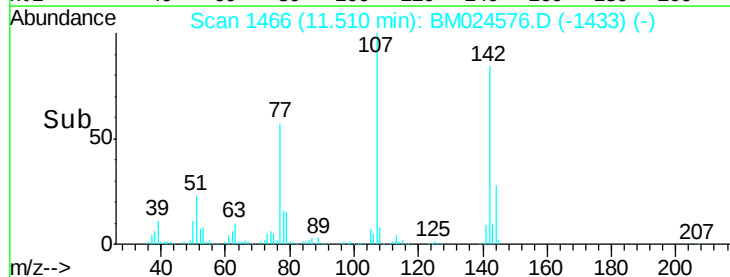
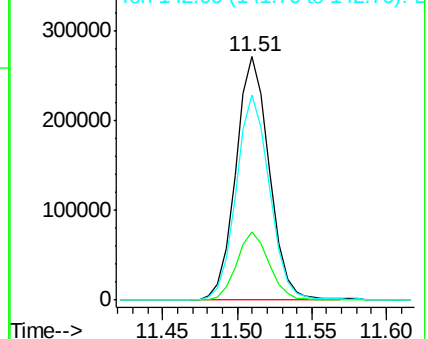
142 84.3 68.7 103.1

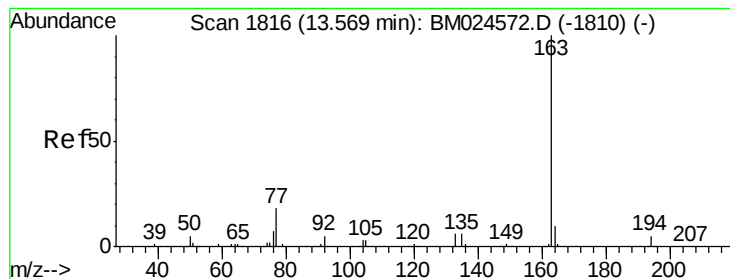


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#45

Dimethylphthalate

Concen: 3.868 ng/ul

RT: 13.57 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BM024576.D

Acq: 22 Jan 2020 11:47

Instrument :

BNA_M

ClientSampleId :

GASJ8MS

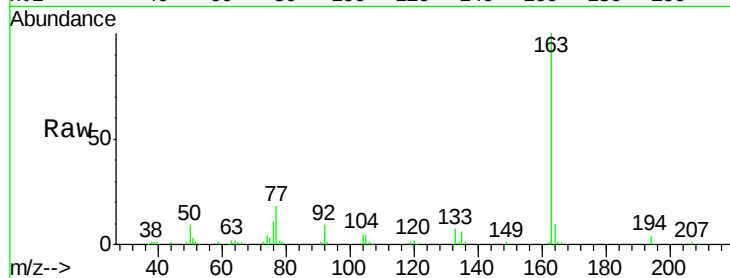
Tot Ion:163 Resp: 175504

Ion Ratio Lower Upper

163 100

194 3.6 3.4 5.0

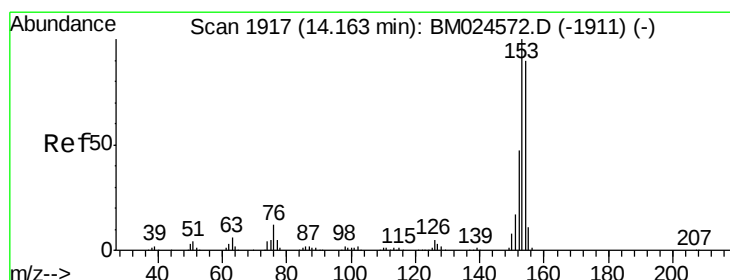
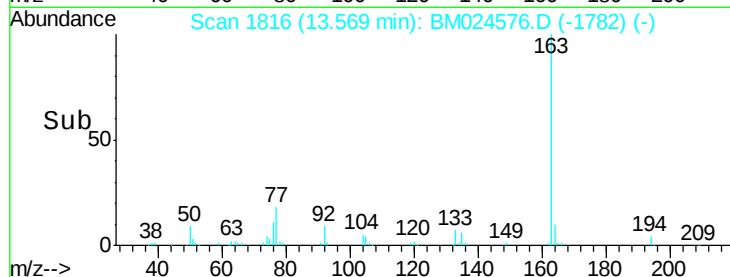
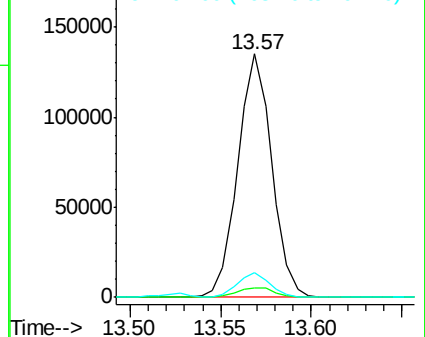
164 10.1 8.0 12.0



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: 30.273 ng/ul

RT: 14.16 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BM024576.D

Acq: 22 Jan 2020 11:47

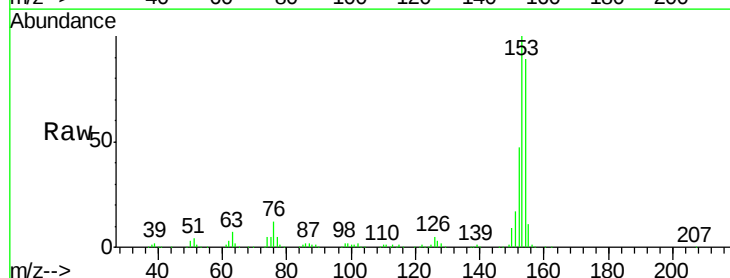
Tgt Ion:153 Resp: 1075299

Ion Ratio Lower Upper

153 100

152 46.8 37.2 55.8

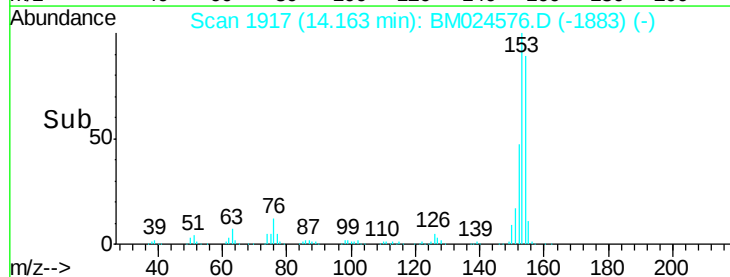
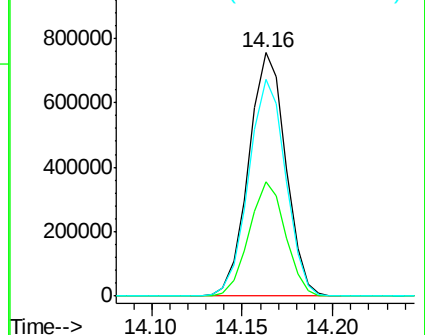
154 89.1 70.6 106.0

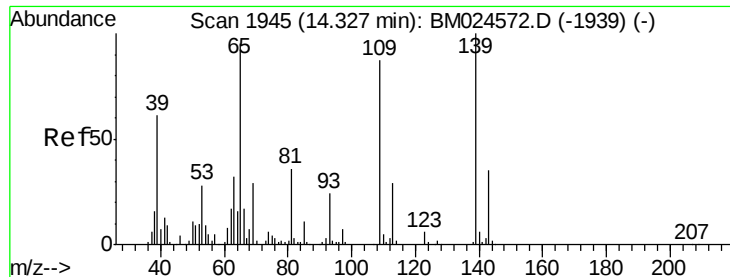


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 31.634 ng/ul

RT: 14.33 min Scan# 1945

Delta R.T. 0.00 min

Lab File: BM024576.D

Acq: 22 Jan 2020 11:47

Instrument :

BNA_M

ClientSampleId :

GASJ8MS

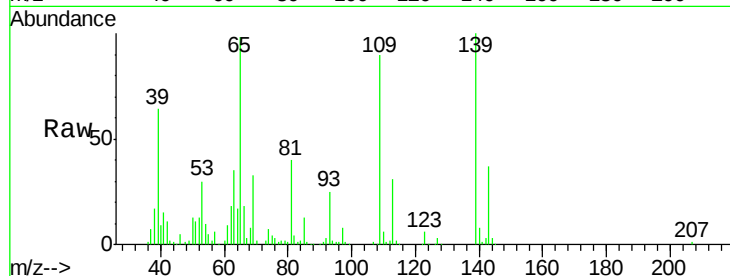
Tot Ion:109 Resp: 219163

Ion Ratio Lower Upper

109 100

139 110.7 88.6 133.0

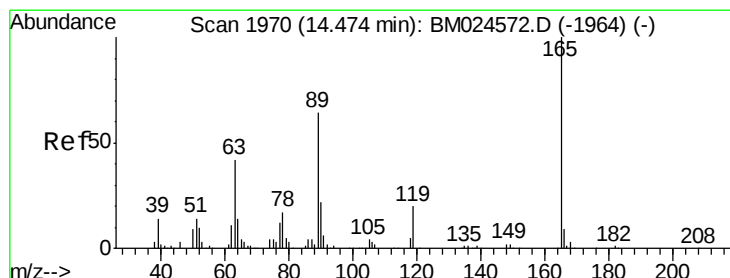
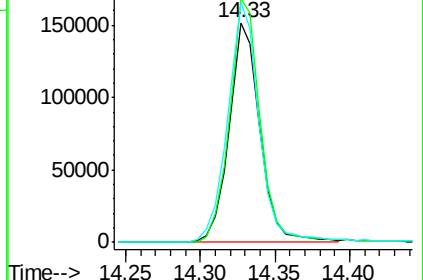
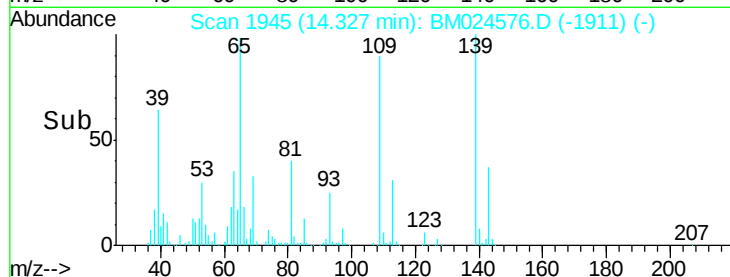
65 108.9 91.8 137.8



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



#55

2,4-Dinitrotoluene

Concen: 32.150 ng/ul

RT: 14.47 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BM024576.D

Acq: 22 Jan 2020 11:47

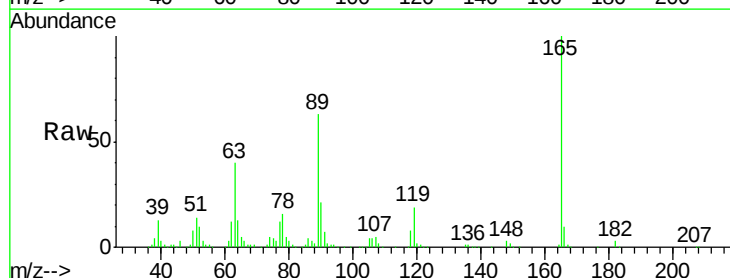
Tgt Ion:165 Resp: 410468

Ion Ratio Lower Upper

165 100

63 39.8 34.4 51.6

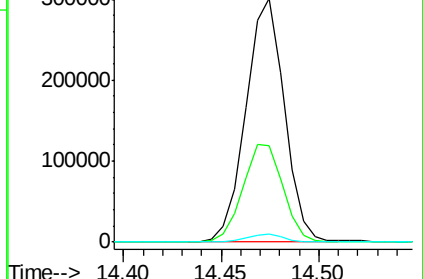
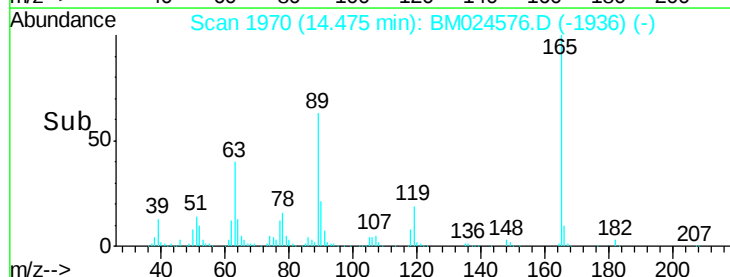
182 3.1 2.2 3.2

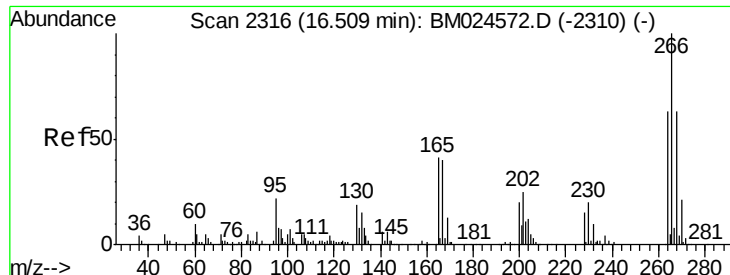


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E





#69

Pentachlorophenol

Concen: 30.613 ng/ul

RT: 16.51 min Scan# 2316

Delta R.T. 0.00 min

Lab File: BM024576.D

Acq: 22 Jan 2020 11:47

Instrument :

BNA_M

ClientSampleId :

GASJ8MS

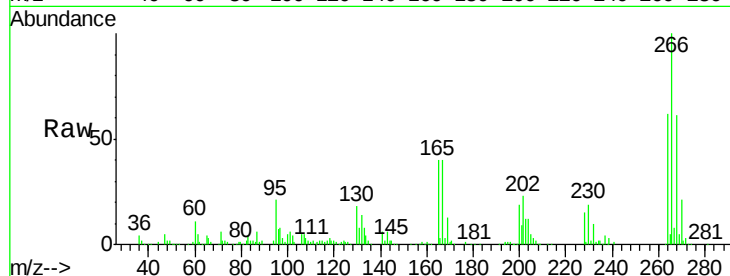
Tot Ion:266 Resp: 329206

Ion Ratio Lower Upper

266 100

264 61.7 48.6 72.8

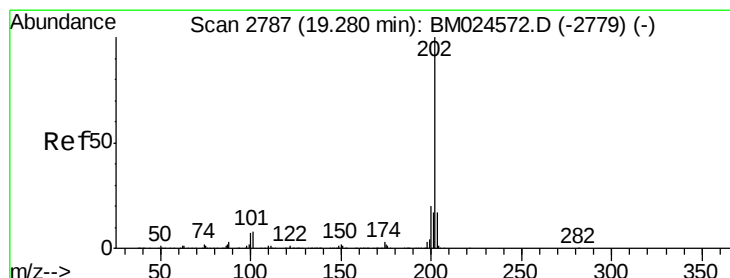
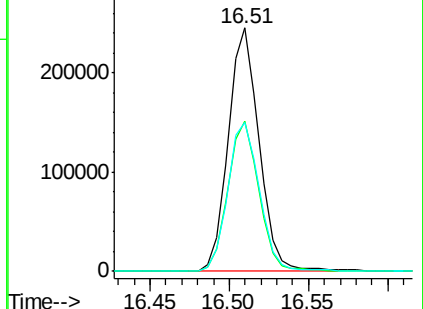
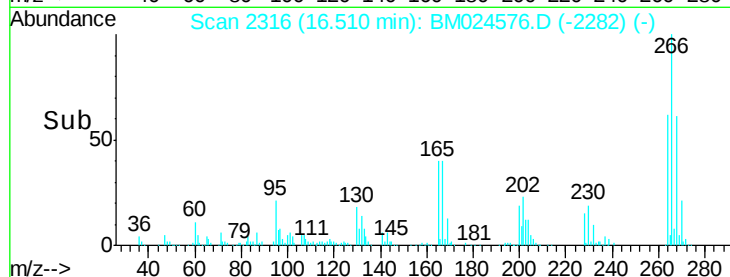
268 61.1 50.6 76.0



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



#80

Pyrene

Concen: 32.442 ng/ul

RT: 19.28 min Scan# 2787

Delta R.T. 0.00 min

Lab File: BM024576.D

Acq: 22 Jan 2020 11:47

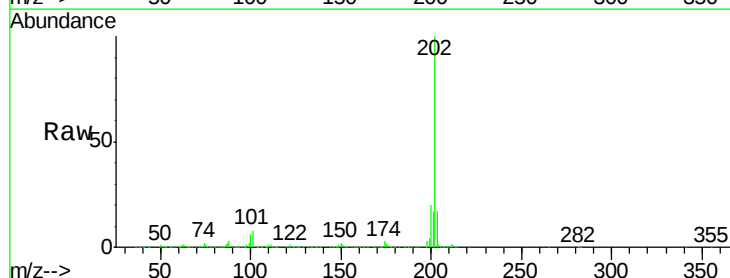
Tgt Ion:202 Resp: 2857231

Ion Ratio Lower Upper

202 100

101 7.8 6.5 9.7

100 6.4 5.0 7.6



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

