

Data File : BM024993.D
Acq On : 21 Feb 2020 18:58
Operator : CG/JU
Sample : L1582-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBDJ5MS

Quant Time: Feb 22 01:18:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 22 01:15:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	147512	20.00	ng/ul	0.00
18) Naphthalene-d8	10.09	136	575257	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	379498	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.75	188	848711	20.00	ng/ul	0.00
78) Chrysene-d12	20.97	240	882184	20.00	ng/ul	0.00
86) Perylene-d12	23.04	264	1092832	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.95	96	23528	7.67	ng/uL	0.00
5) Phenol-d5	6.55	99	74368	7.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.69	67	227309	41.07	ng/ul	0.00
9) 2-Chlorophenol-d4	6.88	132	251484	28.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.06	113	144434	17.47	ng/ul	0.00
19) Nitrobenzene-d5	8.48	128	151315	36.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.19	143	169213	34.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.73	165	297579	30.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.26	131	17553	1.89	ng/ul	0.02
44) Dimethylphthalate-d6	13.42	166	1075085	37.53	ng/ul	0.00
47) Acenaphthylene-d8	13.68	160	1251323	37.40	ng/ul	0.00
52) 4-Nitrophenol-d4	14.25	143	14200	3.05	ng/ul	0.02
58) Fluorene-d10	15.00	176	957116	37.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	156478	28.28	ng/ul	0.00
71) Anthracene-d10	16.85	188	1506346	38.88	ng/ul	0.00
79) Pyrene-d10	19.16	212	1807482	40.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.91	264	2124208	38.70	ng/ul	0.00

Target Compounds

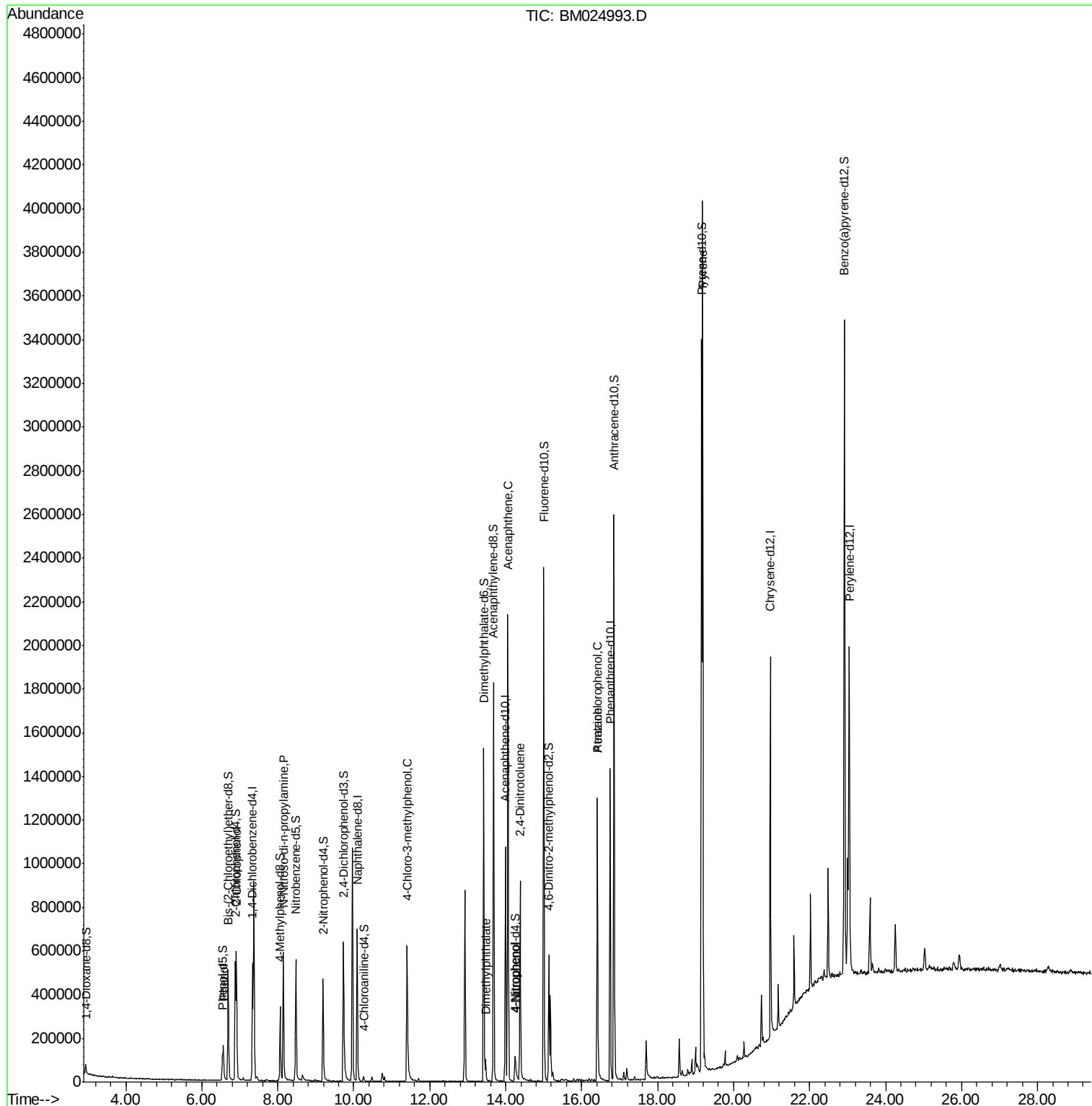
					Qvalue
6) Phenol	6.57	94	101245	9.816	ng/ul 97
10) 2-Chlorophenol	6.91	128	265420	29.653	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.15	70	278519	45.223	ng/ul# 83
33) 4-Chloro-3-methylphenol	11.40	107	282954	31.142	ng/ul 95
45) Dimethylphthalate	13.47	163	63050	2.110	ng/ul 98
50) Acenaphthene	14.06	153	886238	37.870	ng/ul 97
53) 4-Nitrophenol	14.26	109	13217	3.477	ng/ul 94
55) 2,4-Dinitrotoluene	14.38	165	300044	34.791	ng/ul# 95
68) Atrazine	16.42	200	40644	3.990	ng/ul# 35
69) Pentachlorophenol	16.42	266	260849	34.685	ng/ul 99
80) Pyrene	19.19	202	2345260	40.163	ng/ul 97

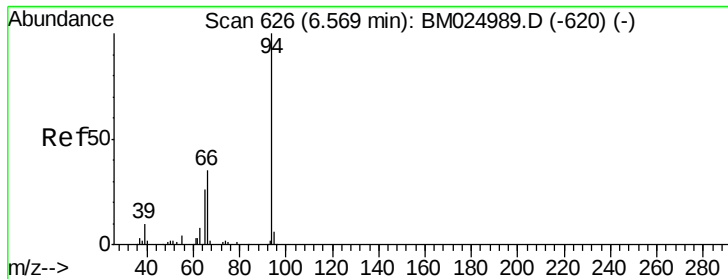
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 9.816 ng/ul

RT: 6.57 min Scan# 626

Delta R.T. 0.00 min

Lab File: BM024993.D

Acq: 21 Feb 2020 18:58

Instrument :

BNA_M

ClientSampleId :

DBDJ5MS

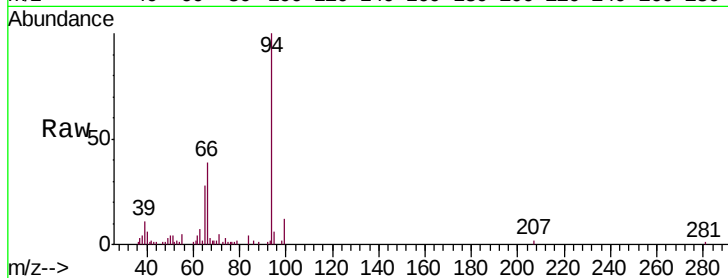
Tgt Ion: 94 Resp: 101245

Ion Ratio Lower Upper

94 100

65 27.5 22.6 34.0

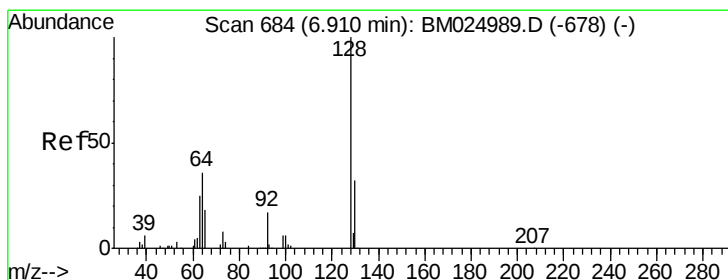
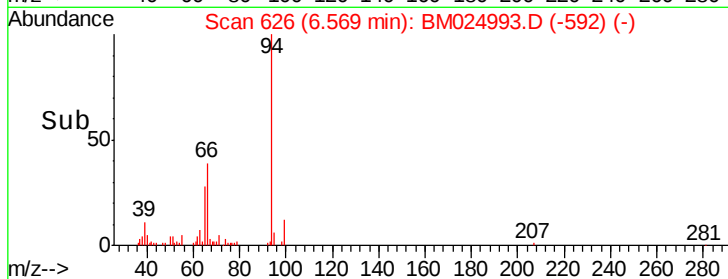
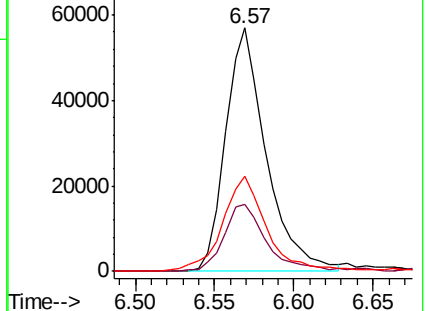
66 39.0 33.0 49.4



Abundance Ion 94.00 (93.70 to 94.70): BM024989.D (-620) (-)

Ion 65.00 (64.70 to 65.70): BM024989.D (-620) (-)

Ion 66.00 (65.70 to 66.70): BM024989.D (-620) (-)



#10

2-Chlorophenol

Concen: 29.653 ng/ul

RT: 6.91 min Scan# 684

Delta R.T. 0.00 min

Lab File: BM024993.D

Acq: 21 Feb 2020 18:58

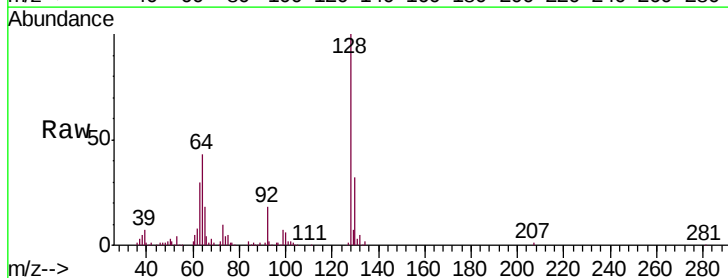
Tgt Ion: 128 Resp: 265420

Ion Ratio Lower Upper

128 100

64 42.9 31.1 46.7

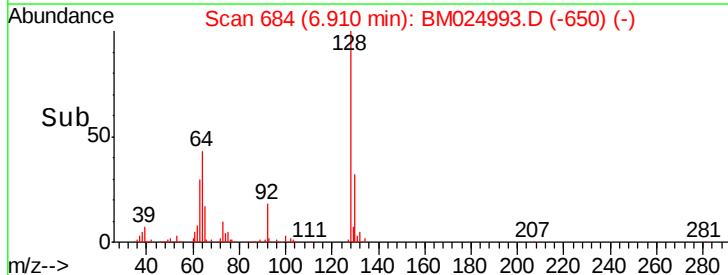
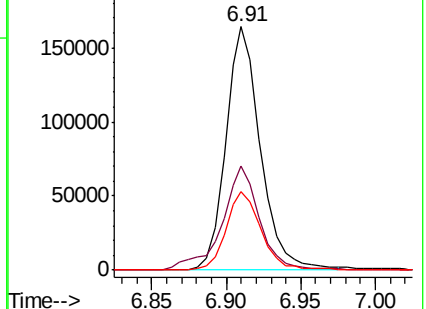
130 32.1 26.1 39.1

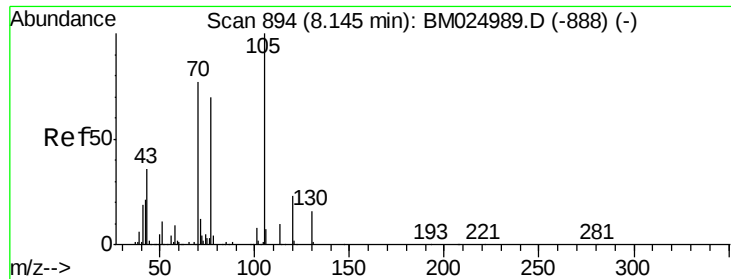


Abundance Ion 128.00 (127.70 to 128.70): BM024989.D (-678) (-)

Ion 64.00 (63.70 to 64.70): BM024989.D (-678) (-)

Ion 130.00 (129.70 to 130.70): BM024989.D (-678) (-)

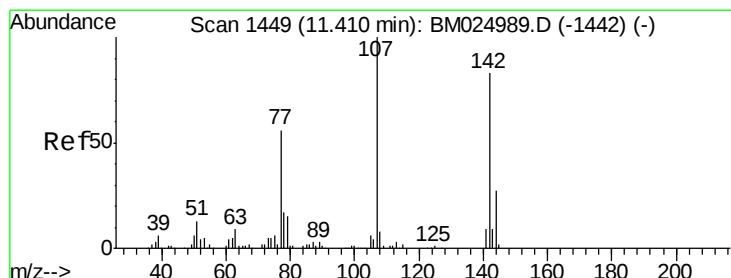
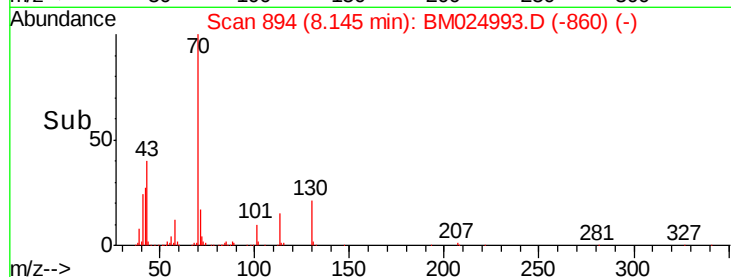
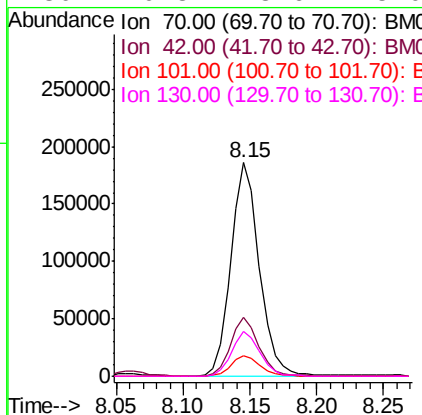
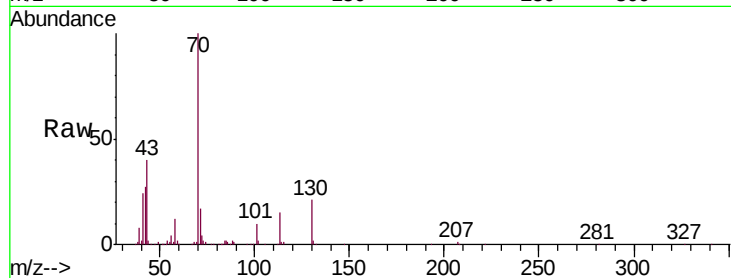




#15
N-Nitroso-di-n-propylamine
Concen: 45.223 ng/ul
RT: 8.15 min Scan# 894
Delta R.T. 0.00 min
Lab File: BM024993.D
Acq: 21 Feb 2020 18:58

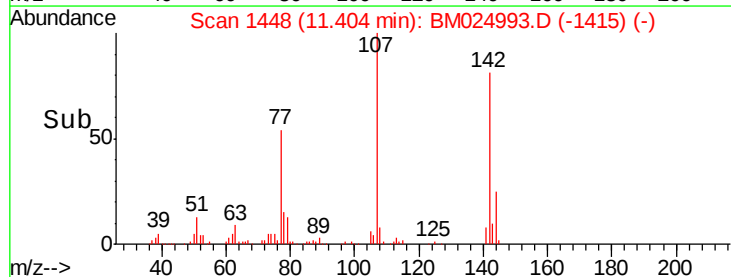
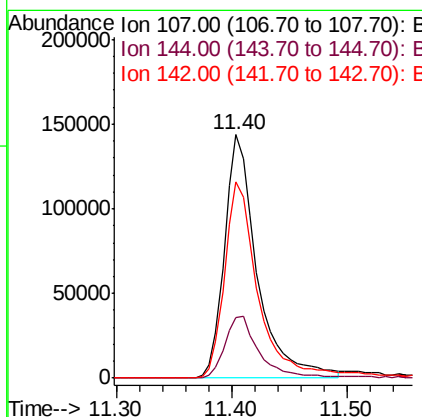
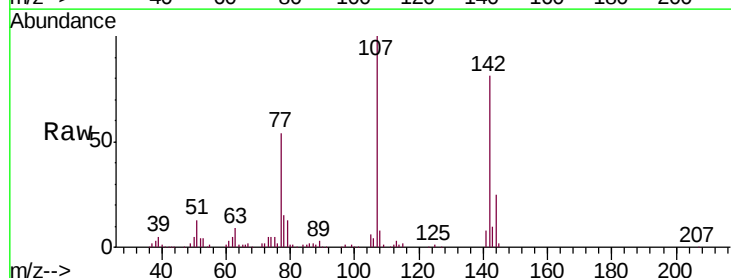
Instrument :
BNA_M
ClientSampleId :
DBDJ5MS

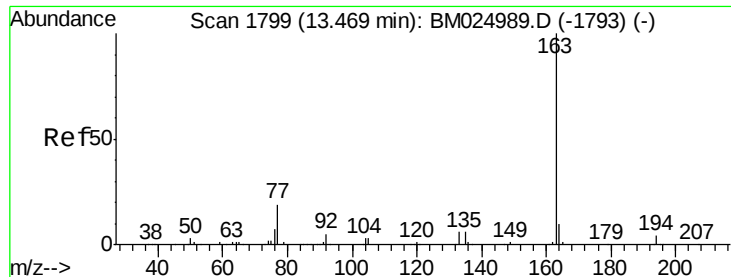
Tgt Ion:	70	Resp:	278519
Ion	Ratio	Lower	Upper
70	100		
42	27.3	35.6	53.4#
101	9.5	8.6	13.0
130	20.8	18.6	28.0



#33
4-Chloro-3-methylphenol
Concen: 31.142 ng/ul
RT: 11.40 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BM024993.D
Acq: 21 Feb 2020 18:58

Tgt Ion:	107	Resp:	282954
Ion	Ratio	Lower	Upper
107	100		
144	24.9	22.8	34.2
142	80.8	68.2	102.2





#45

Dimethylphthalate

Concen: 2.110 ng/ul

RT: 13.47 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BM024993.D

Acq: 21 Feb 2020 18:58

Instrument :

BNA_M

ClientSampleId :

DBDJ5MS

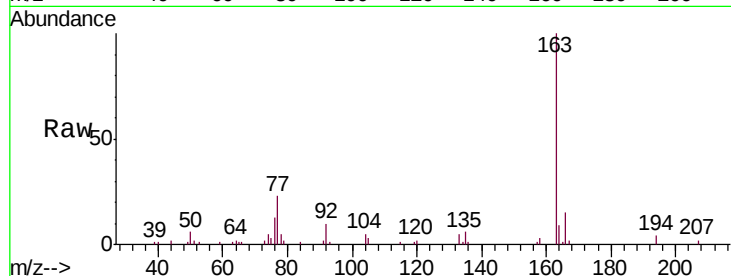
Tgt Ion:163 Resp: 63050

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

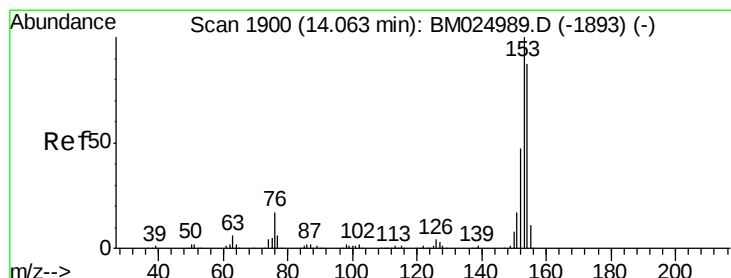
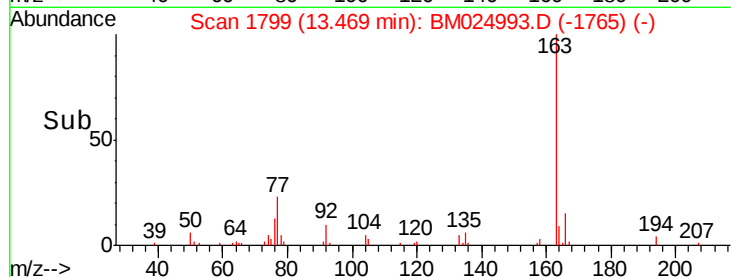
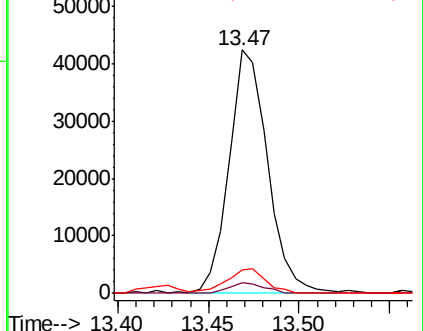
164 9.4 8.2 12.2



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: 37.870 ng/ul

RT: 14.06 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BM024993.D

Acq: 21 Feb 2020 18:58

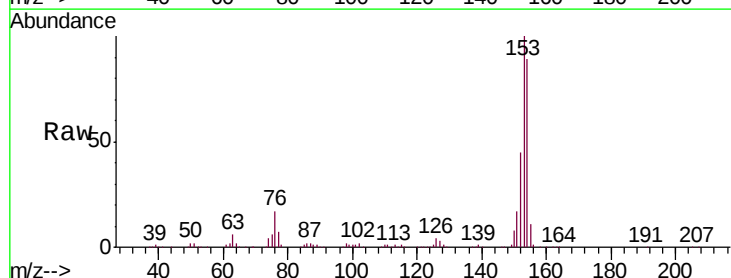
Tgt Ion:153 Resp: 886238

Ion Ratio Lower Upper

153 100

152 45.5 37.3 55.9

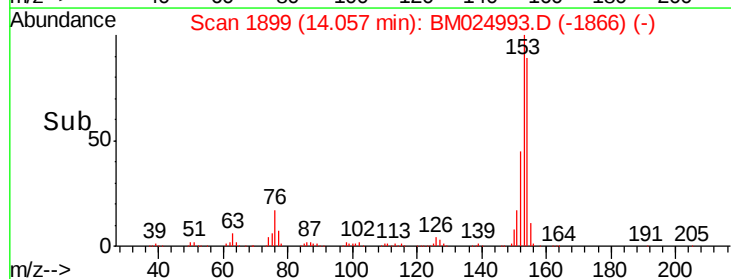
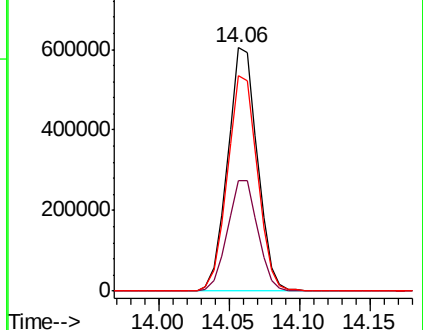
154 88.5 74.1 111.1

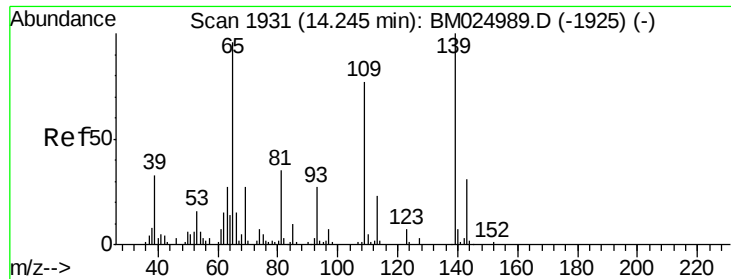


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 3.477 ng/ul

RT: 14.26 min Scan# 1933

Delta R.T. 0.01 min

Lab File: BM024993.D

Acq: 21 Feb 2020 18:58

Instrument :

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ClientSampleId :

DBDJ5MS

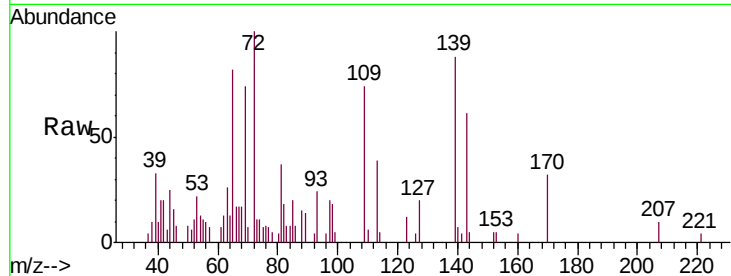
Tgt Ion:109 Resp: 13217

Ion Ratio Lower Upper

109 100

139 119.0 103.8 155.8

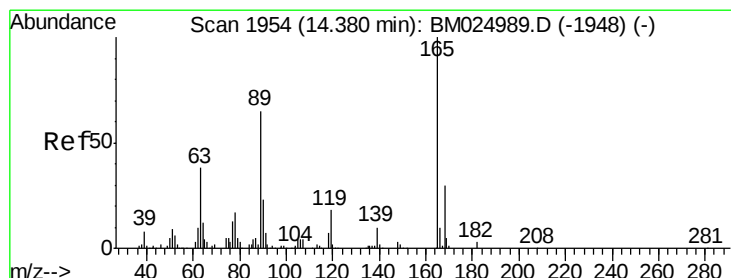
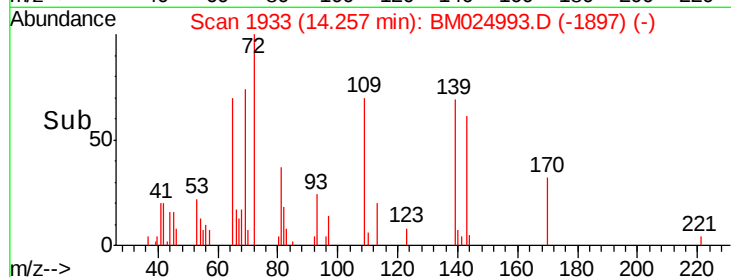
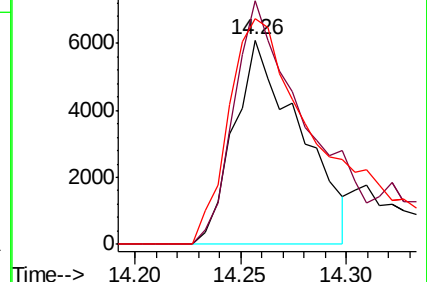
65 110.1 87.0 130.4



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: 34.791 ng/ul

RT: 14.38 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BM024993.D

Acq: 21 Feb 2020 18:58

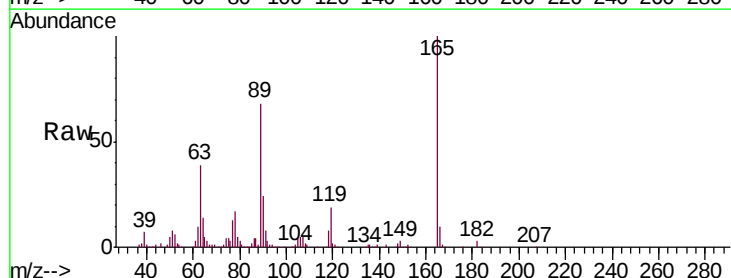
Tgt Ion:165 Resp: 300044

Ion Ratio Lower Upper

165 100

63 39.1 29.0 43.4

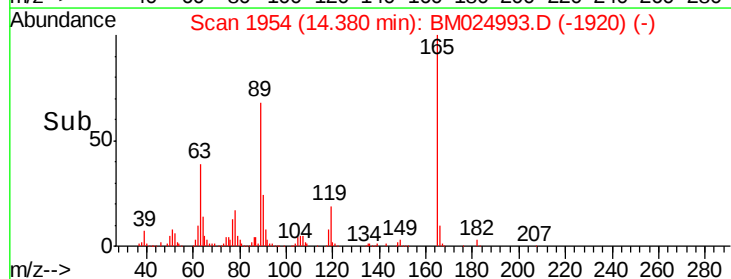
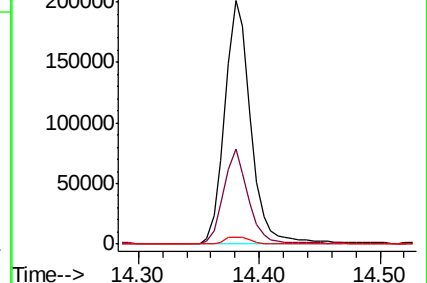
182 2.6 2.7 4.1#

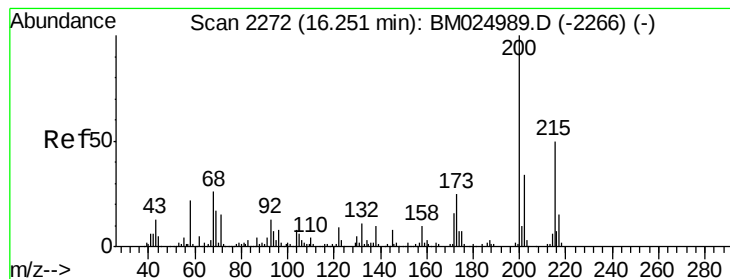


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E





#68

Atrazine

Concen: 3.990 ng/ul

RT: 16.42 min Scan# 2300

Delta R.T. 0.16 min

Lab File: BM024993.D

Acq: 21 Feb 2020 18:58

Instrument :

BNA_M

ClientSampleId :

DBDJ5MS

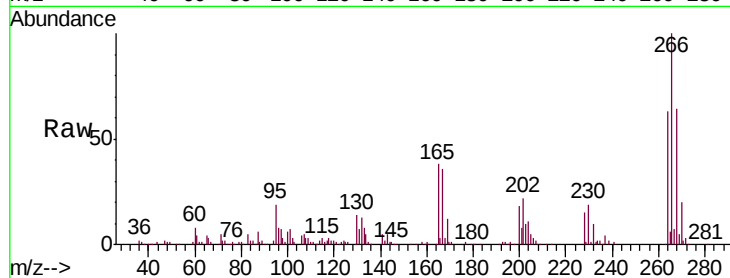
Tgt Ion:200 Resp: 40644

Ion Ratio Lower Upper

200 100

173 0.0 20.1 30.1#

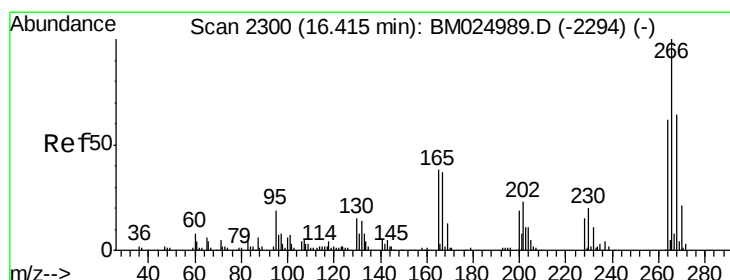
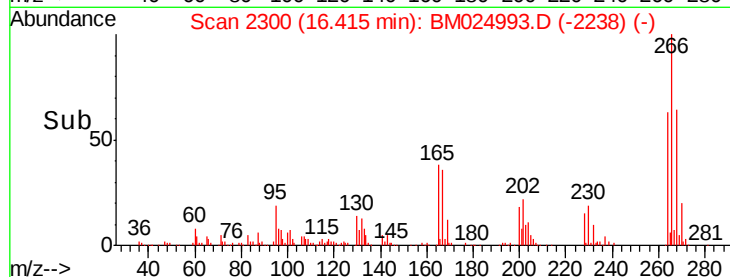
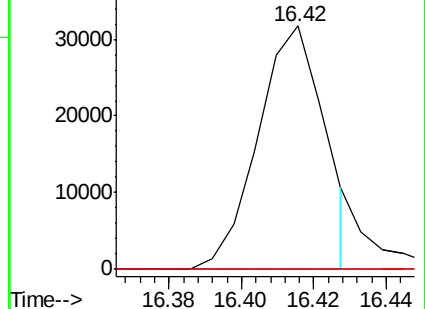
215 0.0 40.2 60.2#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 34.685 ng/ul

RT: 16.42 min Scan# 2300

Delta R.T. 0.00 min

Lab File: BM024993.D

Acq: 21 Feb 2020 18:58

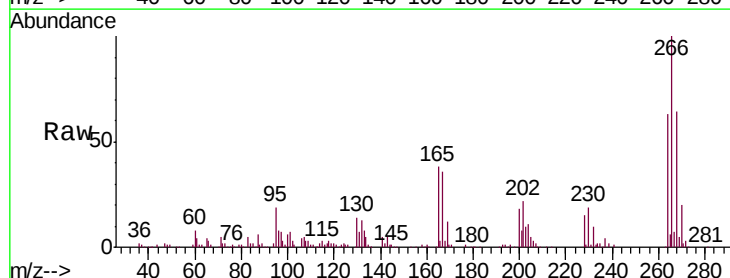
Tgt Ion:266 Resp: 260849

Ion Ratio Lower Upper

266 100

264 62.8 50.0 75.0

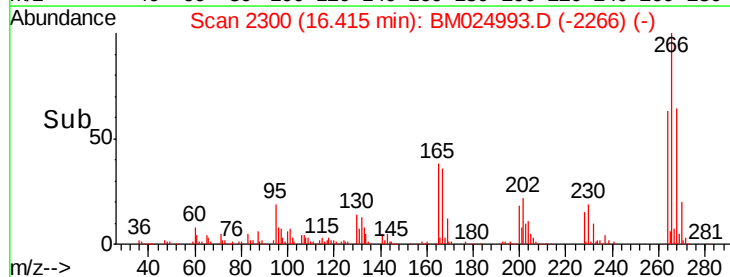
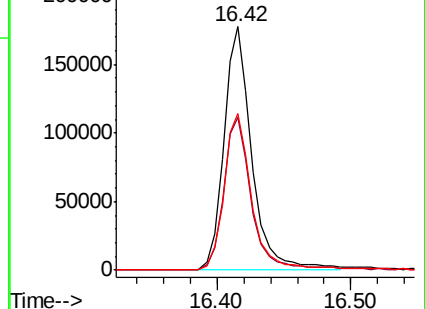
268 64.4 50.4 75.6

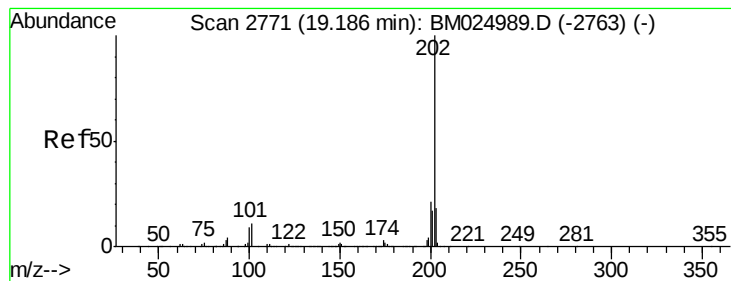


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#80
 Pyrene
 Concen: 40.163 ng/ul
 RT: 19.19 min Scan# 2771
 Delta R.T. 0.00 min
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.0	10.4
100	8.3	5.8	8.8

