

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM022953.D
 Acq On : 04 Oct 2019 12:28
 Operator : JU
 Sample : K5058-04MSD
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBAL5MSD

Quant Time: Oct 04 16:54:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 27 18:03:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	232464	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.58	136	979484	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.43	164	557219	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.17	188	960637	20.00	ng/ul	-0.02
78) Chrysene-d12	21.35	240	764679	20.00	ng/ul	-0.02
86) Perylene-d12	23.61	264	904256	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	28800	5.36	ng/uL	0.00
5) Phenol-d5	6.96	99	118940	5.79	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.13	67	281402	25.03	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.33	132	341438	20.64	ng/ul	-0.02
13) 4-Methylphenol-d8	8.50	113	197295	11.73	ng/ul	-0.02
19) Nitrobenzene-d5	8.95	128	202828	26.83	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.67	143	220241	26.68	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.20	165	380340	23.14	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.72	131	41944	2.10	ng/ul	-0.01
44) Dimethylphthalate-d6	13.84	166	1235002	28.56	ng/ul	-0.02
47) Acenaphthylene-d8	14.12	160	1380323	27.65	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.63	143	36388	4.26	ng/ul	-0.01
58) Fluorene-d10	15.42	176	981644	26.63	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.54	200	137275	21.96	ng/ul	-0.02
71) Anthracene-d10	17.26	188	1397636	29.79	ng/ul	-0.02
79) Pyrene-d10	19.56	212	1406474	34.17	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.47	264	1492040	31.90	ng/ul	-0.03

Target Compounds

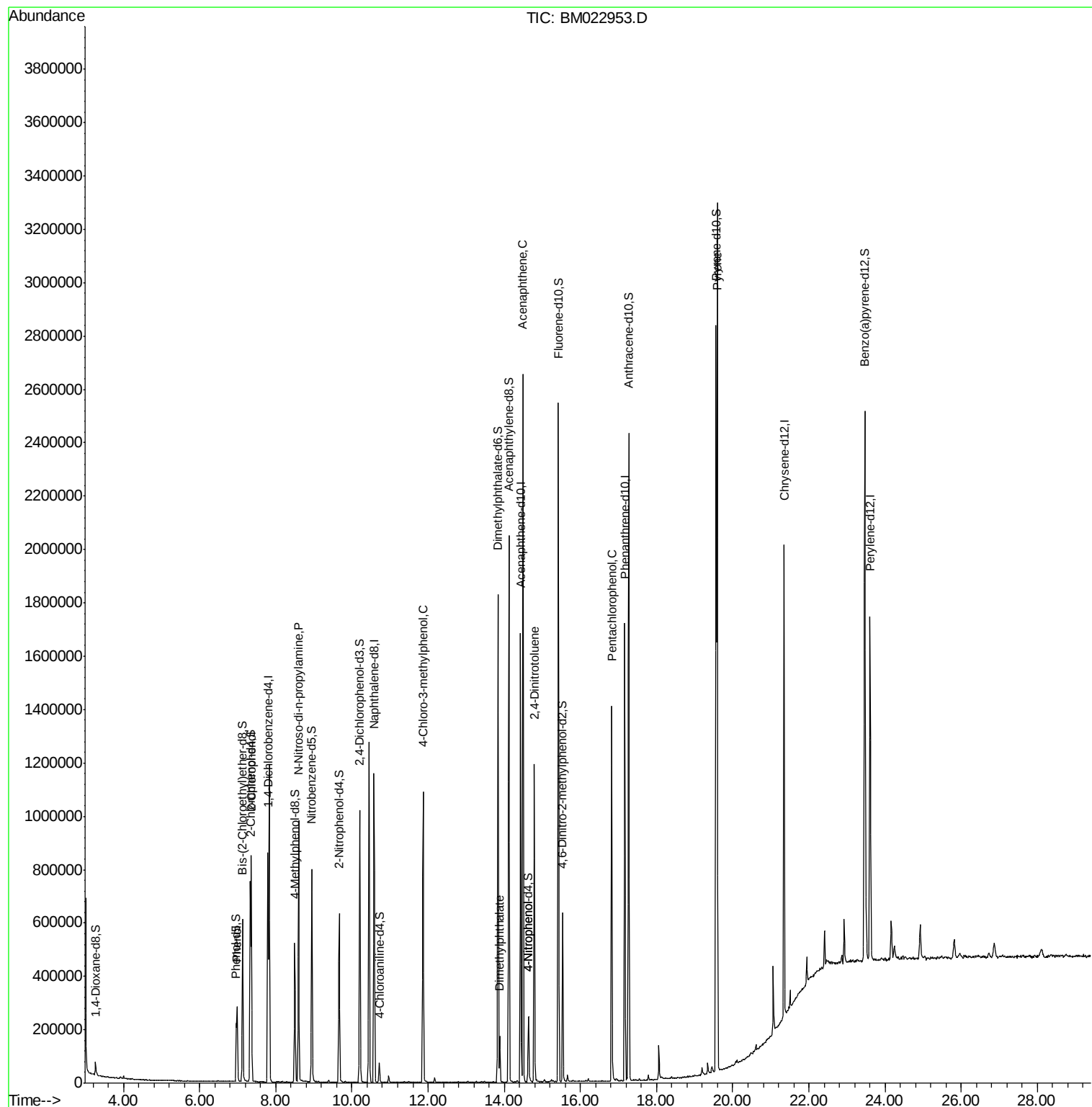
					Ovalue
6) Phenol	6.99	94	153781	7.142	ng/ul 100
10) 2-Chlorophenol	7.36	128	383030	21.589	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.60	70	349623	26.479	ng/ul 98
33) 4-Chloro-3-methylphenol	11.87	107	379960	22.186	ng/ul 99
45) Dimethylphthalate	13.89	163	112504	2.532	ng/ul 100
50) Acenaphthene	14.49	153	1070032	28.497	ng/ul 99
53) 4-Nitrophenol	14.64	109	33171	5.312	ng/ul 98
55) 2,4-Dinitrotoluene	14.79	165	353854	27.076	ng/ul 97
69) Pentachlorophenol	16.82	266	240460	28.686	ng/ul 99
80) Pyrene	19.59	202	1963996	36.232	ng/ul 100

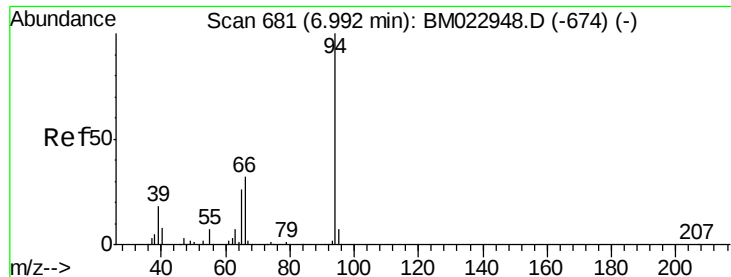
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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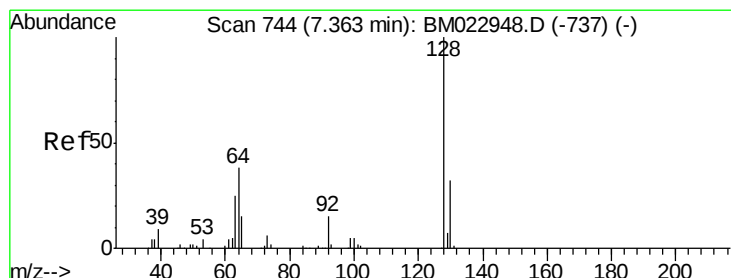
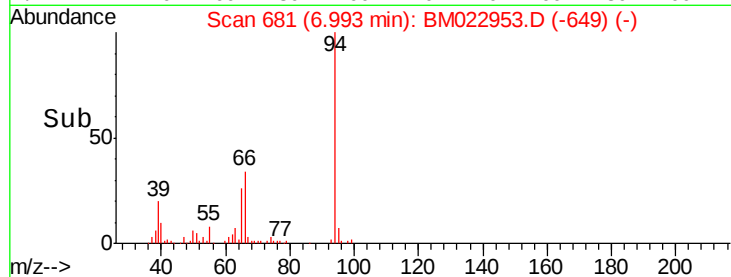
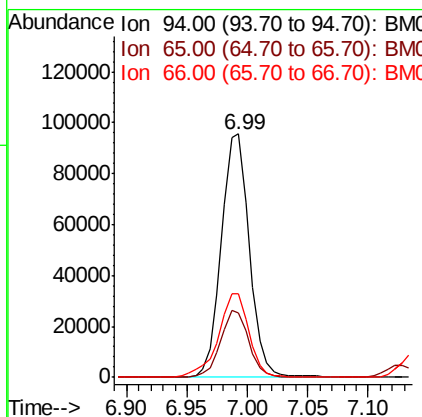
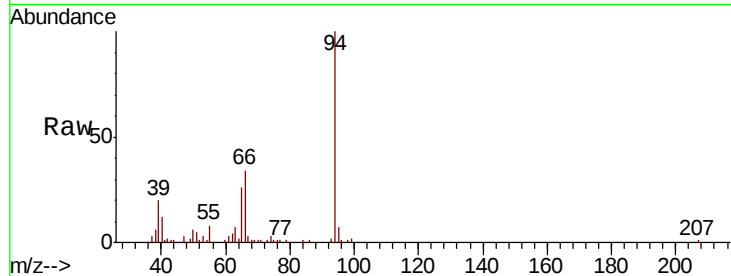
#6

Phenol

Concen: 7.142 ng/ul
 RT: 6.99 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BM022953.D
 Acq: 04 Oct 2019 12:28

Instrument :
 BNA_M
 ClientSampleId :
 DBAL5MSD

Tot Ion	94	Resp	153781
Ion Ratio	Lower	Upper	
94	100		
65	26.3	20.9	31.3
66	34.1	27.2	40.8

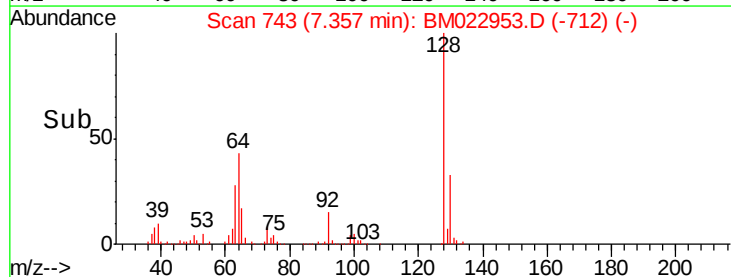
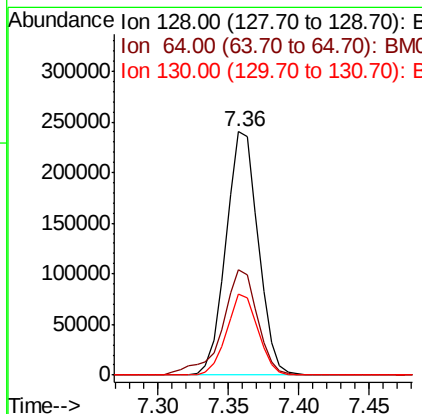
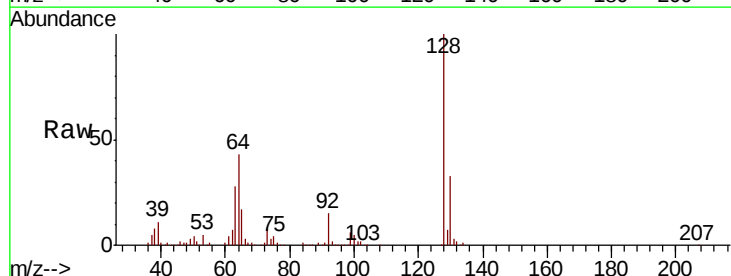


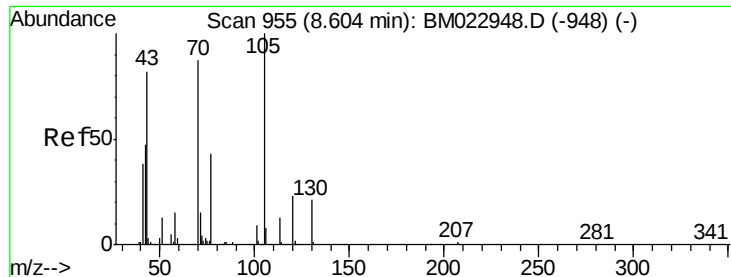
#10

2-Chlorophenol

Concen: 21.589 ng/ul
 RT: 7.36 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BM022953.D
 Acq: 04 Oct 2019 12:28

Tgt Ion	128	Resp	383030
Ion Ratio	Lower	Upper	
128	100		
64	43.1	34.1	51.1
130	33.1	26.0	39.0





#15

N-Nitroso-di-n-propylamine

Concen: 26.479 ng/ul

RT: 8.60 min Scan# 954

Delta R.T. -0.02 min

Lab File: BM022953.D

Acq: 04 Oct 2019 12:28

Instrument :

BNA_M

ClientSampleId :

DBAL5MSD

Tot Ion: 70 Resp: 349623

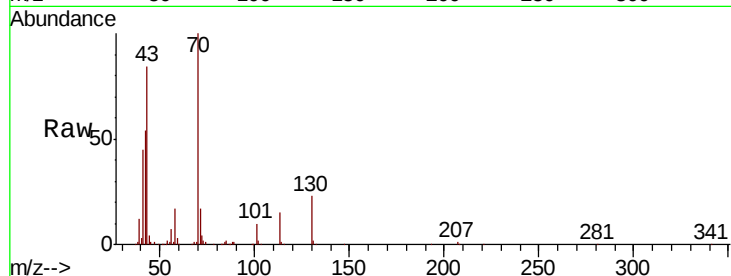
Ion	Ratio	Lower	Upper
70	100		
42	54.2	44.6	66.8
101	10.0	8.2	12.2
130	23.2	18.7	28.1

70 100

42 54.2 44.6 66.8

101 10.0 8.2 12.2

130 23.2 18.7 28.1



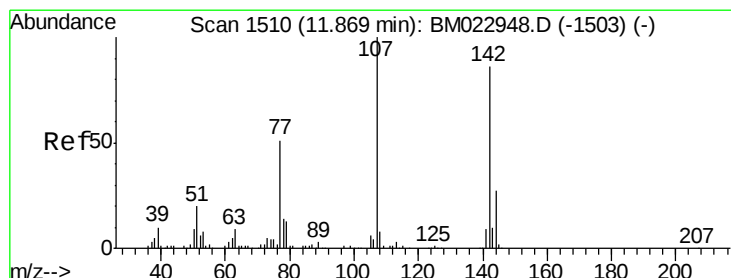
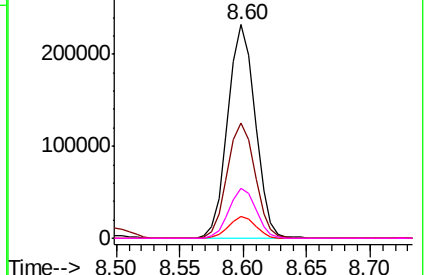
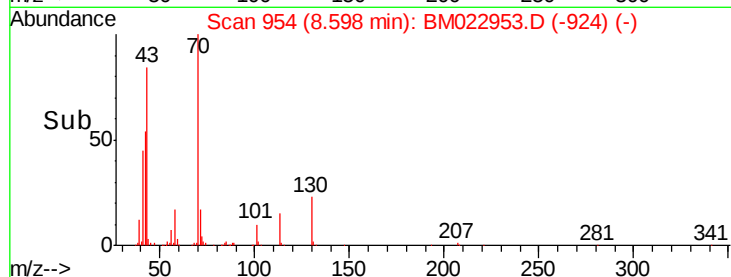
Abundance Ion 70.00 (69.70 to 70.70): BM022948.D (-948) (-)

Ion 42.00 (41.70 to 42.70): BM022948.D (-948) (-)

Ion 101.00 (100.70 to 101.70): BM022948.D (-948) (-)

Ion 130.00 (129.70 to 130.70): BM022948.D (-948) (-)

Time-->



#33

4-Chloro-3-methylphenol

Concen: 22.186 ng/ul

RT: 11.87 min Scan# 1510

Delta R.T. -0.02 min

Lab File: BM022953.D

Acq: 04 Oct 2019 12:28

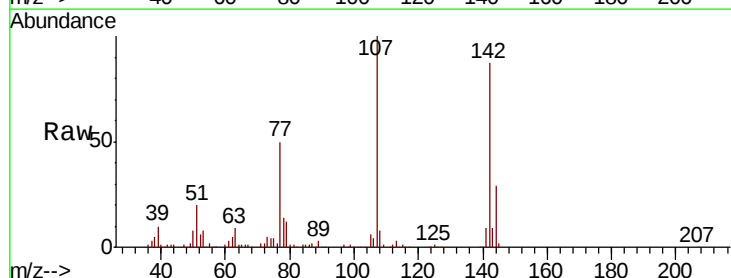
Tgt Ion: 107 Resp: 379960

Ion	Ratio	Lower	Upper
107	100		
144	28.5	22.5	33.7
142	86.9	68.9	103.3

107 100

144 28.5 22.5 33.7

142 86.9 68.9 103.3

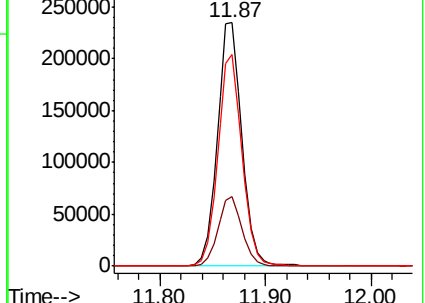
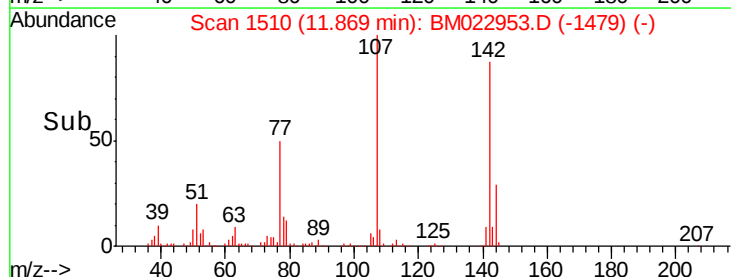


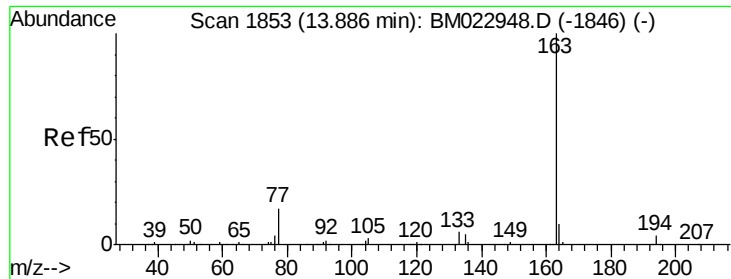
Abundance Ion 107.00 (106.70 to 107.70): BM022948.D (-1503) (-)

Ion 144.00 (143.70 to 144.70): BM022948.D (-1503) (-)

Ion 142.00 (141.70 to 142.70): BM022948.D (-1503) (-)

Time-->





#45

Dimethylphthalate

Concen: 2.532 ng/ul

RT: 13.89 min Scan# 1853

Delta R.T. -0.02 min

Lab File: BM022953.D

Acq: 04 Oct 2019 12:28

Instrument :

BNA_M

ClientSampled :

DBAL5MSD

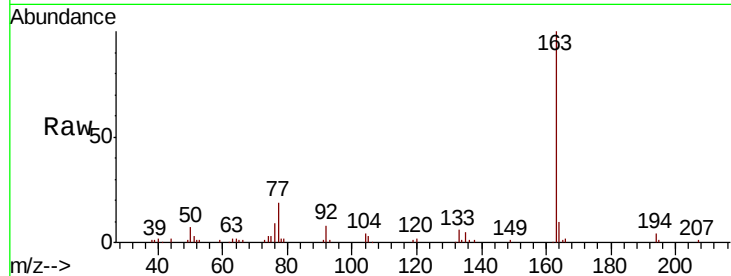
Tot Ion:163 Resp: 112504

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

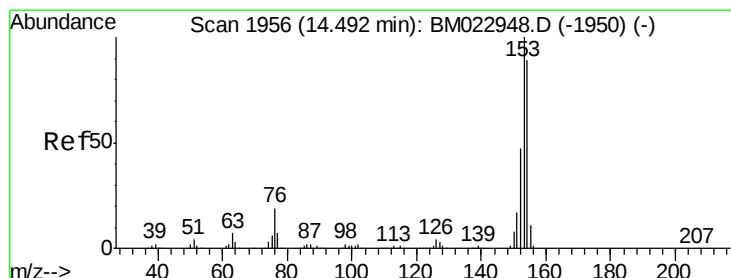
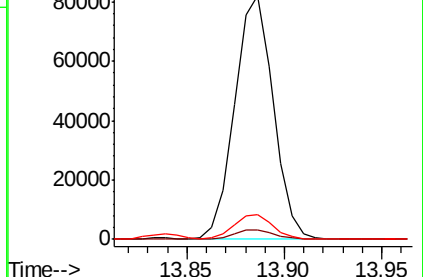
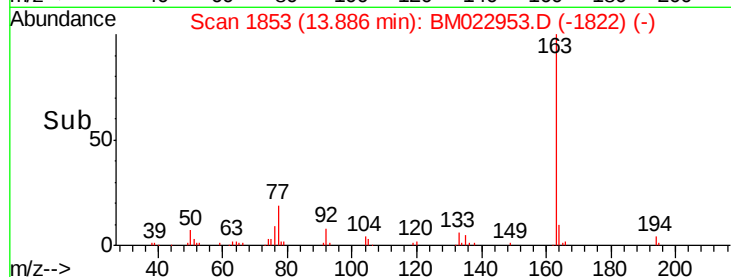
164 10.2 8.1 12.1



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: 28.497 ng/ul

RT: 14.49 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BM022953.D

Acq: 04 Oct 2019 12:28

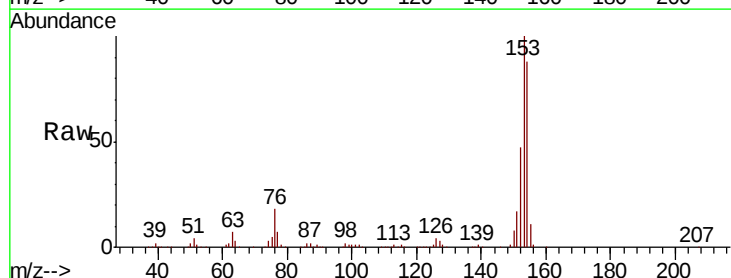
Tgt Ion:153 Resp: 1070032

Ion Ratio Lower Upper

153 100

152 46.8 38.1 57.1

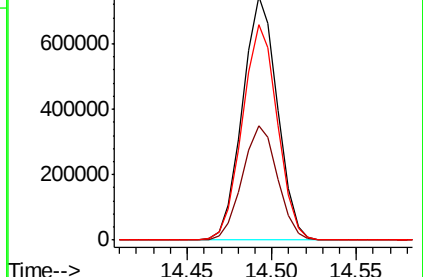
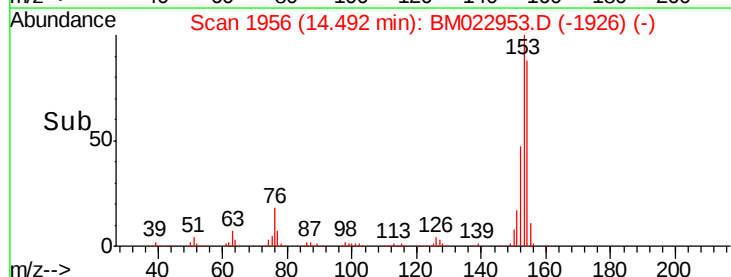
154 88.5 71.1 106.7

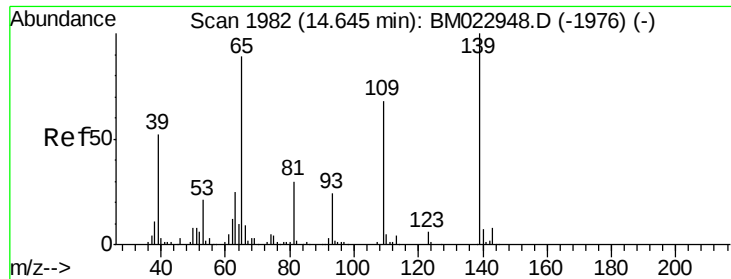


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

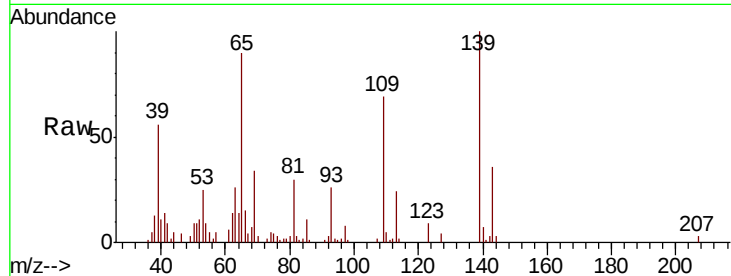




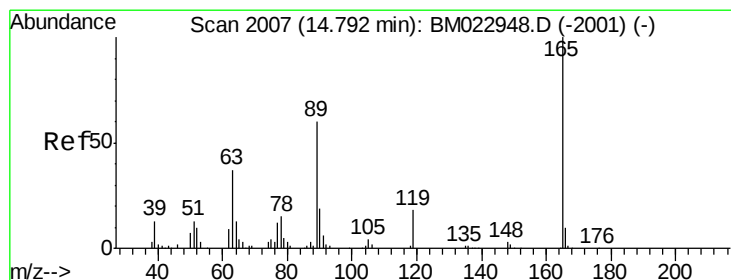
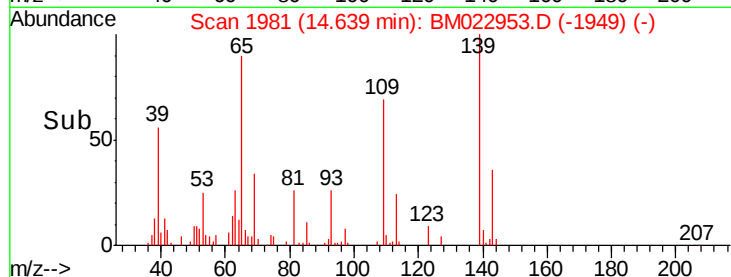
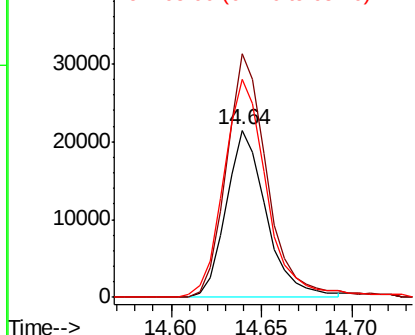
#53
4-Nitrophenol
Concen: 5.312 ng/ul
RT: 14.64 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BM022953.D
Acq: 04 Oct 2019 12:28

Instrument :
BNA_M
ClientSampleId :
DBAL5MSD

Tot Ion:109 Resp: 33171
Ion Ratio Lower Upper
109 100
139 145.7 119.5 179.3
65 130.8 105.0 157.4

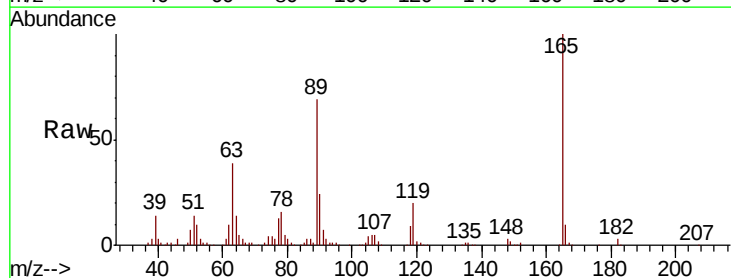


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM

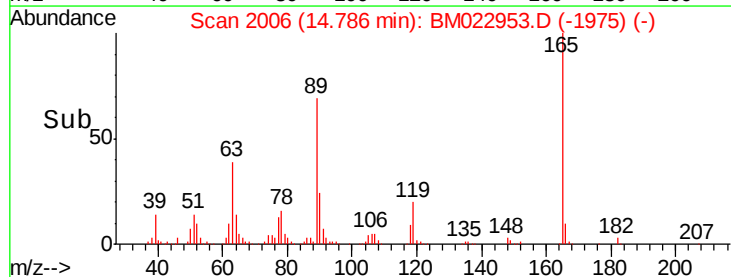
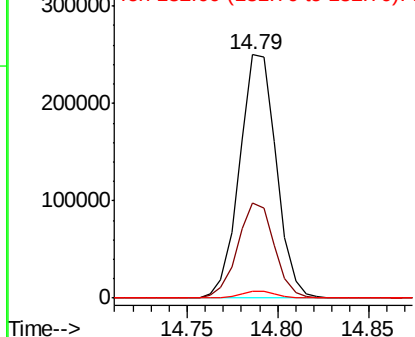


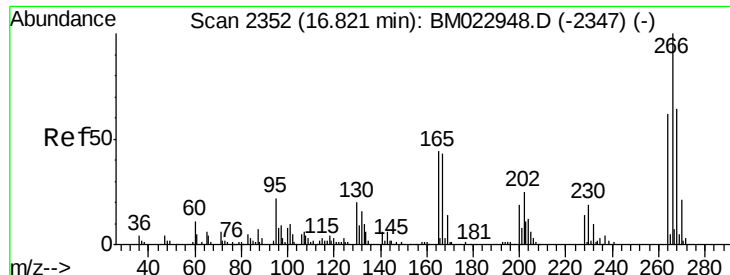
#55
2,4-Dinitrotoluene
Concen: 27.076 ng/ul
RT: 14.79 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BM022953.D
Acq: 04 Oct 2019 12:28

Tgt Ion:165 Resp: 353854
Ion Ratio Lower Upper
165 100
63 39.1 29.8 44.6
182 2.9 2.2 3.4



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

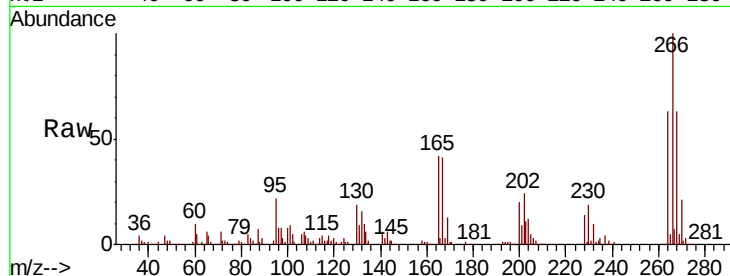




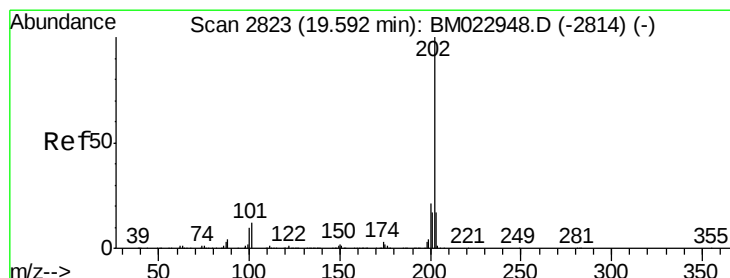
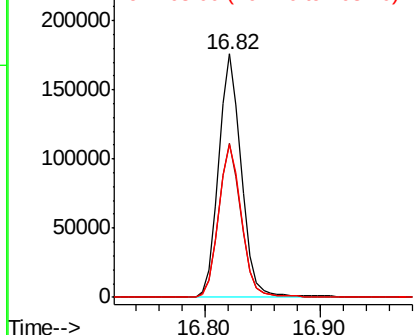
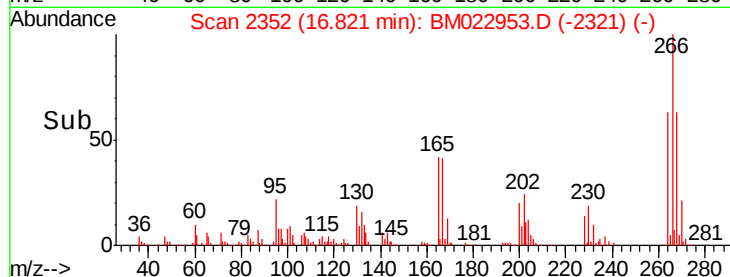
#69
 Pentachlorophenol
 Concen: 28.686 ng/ul
 RT: 16.82 min Scan# 2352
 Delta R.T. -0.02 min
 Lab File: BM022953.D
 Acq: 04 Oct 2019 12:28

Instrument :
 BNA_M
 ClientSampleId :
 DBAL5MSD

Tot Ion:266 Resp: 240460
 Ion Ratio Lower Upper
 266 100
 264 63.3 50.8 76.2
 268 62.8 51.4 77.0

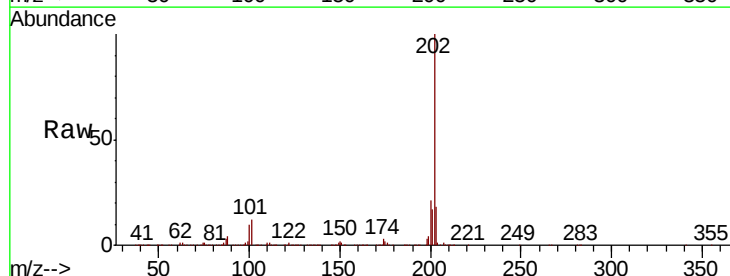


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 36.232 ng/ul
 RT: 19.59 min Scan# 2823
 Delta R.T. -0.02 min
 Lab File: BM022953.D
 Acq: 04 Oct 2019 12:28

Tgt Ion:202 Resp: 1963996
 Ion Ratio Lower Upper
 202 100
 101 12.3 9.7 14.5
 100 9.9 7.8 11.8



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

