

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
 Data File : BM023942.D
 Acq On : 28 Nov 2019 08:55
 Operator : JU
 Sample : K5915-03MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLNT7MSD

Quant Time: Nov 28 22:05:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 27 17:16:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	382705	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	1546256	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	948128	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	1985650	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	1990706	20.00	ng/ul	0.00
86) Perylene-d12	23.25	264	2434553	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	32928	3.83	ng/uL	0.00
5) Phenol-d5	6.67	99	649210	19.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	407674	20.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	527505	20.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	517273	19.55	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	252961	21.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	274847	20.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	511140	19.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	641155	22.62	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	1662279	22.56	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	1939642	22.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	216598	17.49	ng/ul	0.00
58) Fluorene-d10	15.15	176	1439615	23.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	196856	15.79	ng/ul	0.00
71) Anthracene-d10	17.00	188	2222290	23.43	ng/ul	0.00
79) Pyrene-d10	19.30	212	2510020	24.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.11	264	3140882	24.41	ng/ul	-0.01

Target Compounds

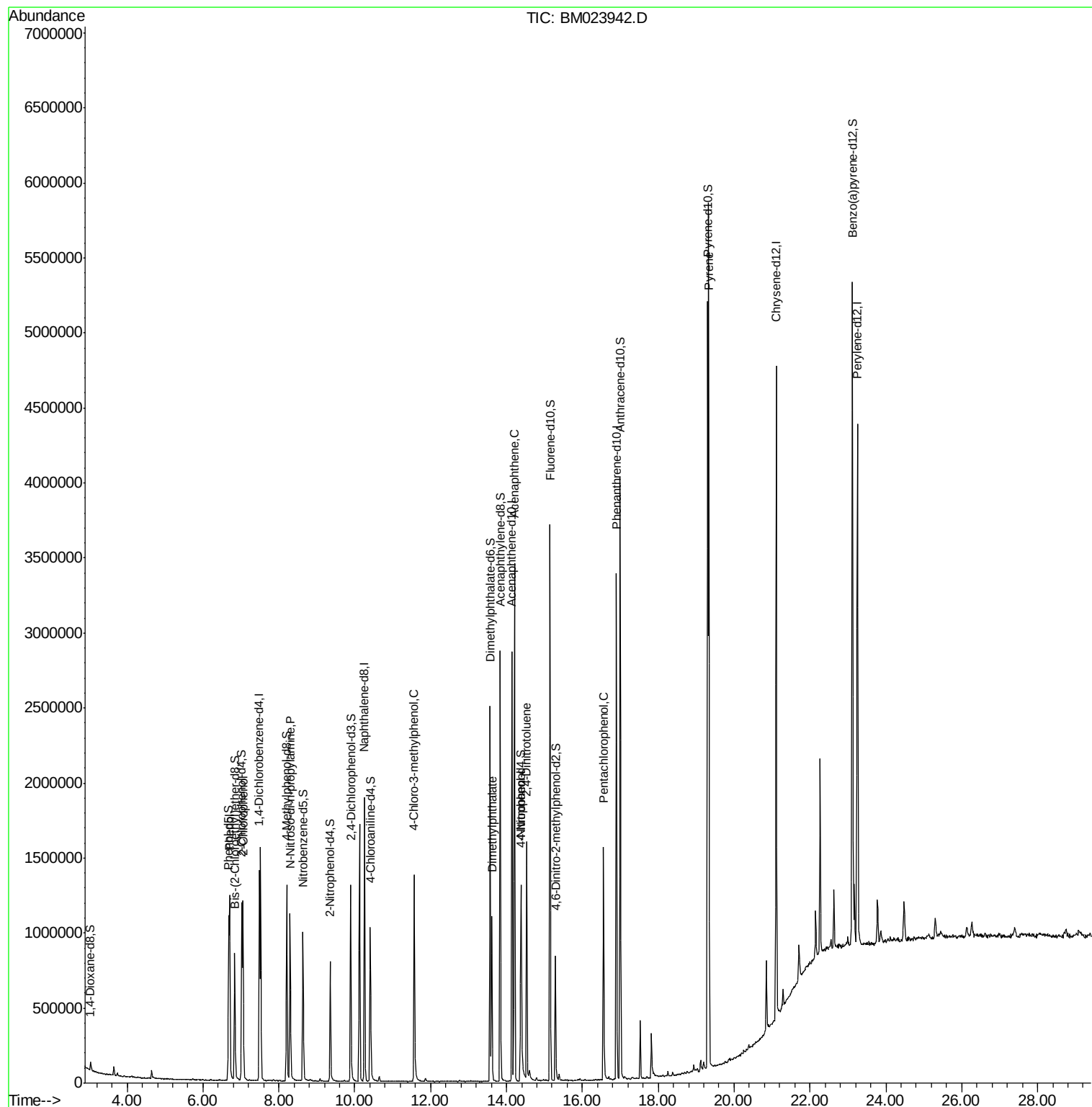
					Ovalue
6) Phenol	6.70	94	730708	21.177	ng/ul 99
10) 2-Chlorophenol	7.06	128	551764	20.800	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.30	70	454620	21.016	ng/ul 99
33) 4-Chloro-3-methylphenol	11.57	107	575570	21.909	ng/ul 96
45) Dimethylphthalate	13.62	163	706315	9.794	ng/ul 100
50) Acenaphthene	14.21	153	1371143	22.105	ng/ul 99
53) 4-Nitrophenol	14.39	109	210089	23.020	ng/ul 99
55) 2,4-Dinitrotoluene	14.53	165	469955	22.900	ng/ul 97
69) Pentachlorophenol	16.56	266	298483	18.773	ng/ul 100
80) Pyrene	19.33	202	3300124	24.604	ng/ul 99

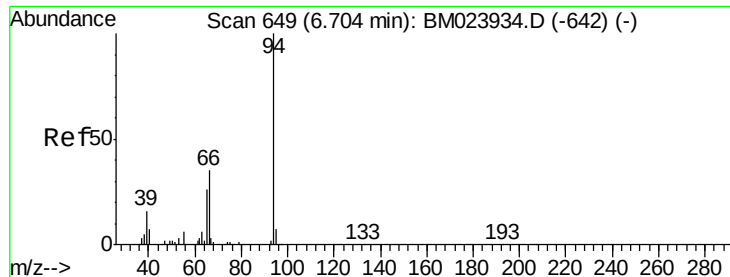
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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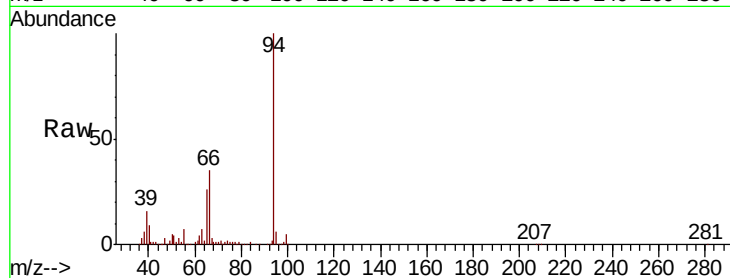
#6

Phenol

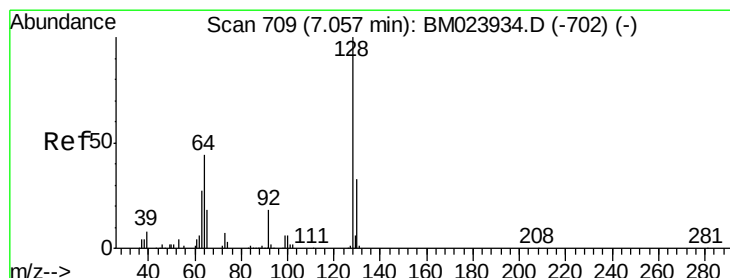
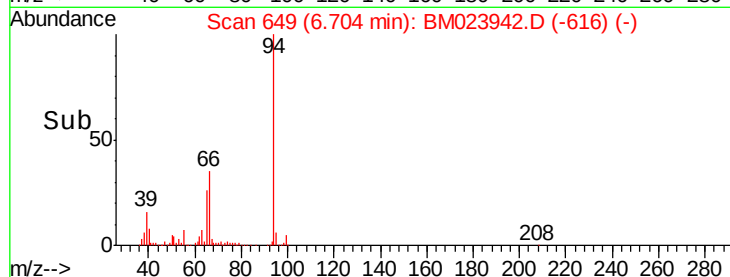
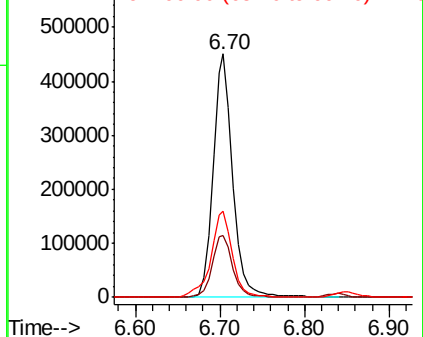
Concen: 21.177 ng/ul
 RT: 6.70 min Scan# 649
 Delta R.T. -0.01 min
 Lab File: BM023942.D
 Acq: 28 Nov 2019 08:55

Instrument :
 BNA_M
 ClientSampleId :
 JLNT7MSD

Tot Ion: 94 Resp: 730708
 Ion Ratio Lower Upper
 94 100
 65 25.6 20.8 31.2
 66 35.3 28.6 43.0



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

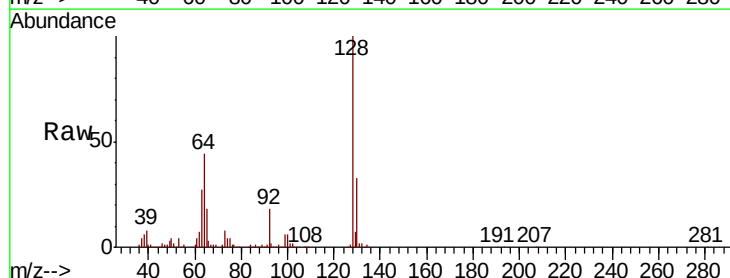


#10

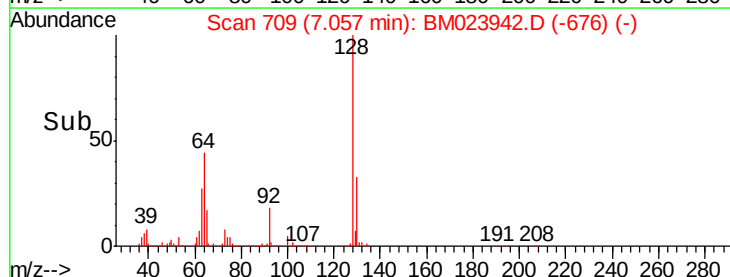
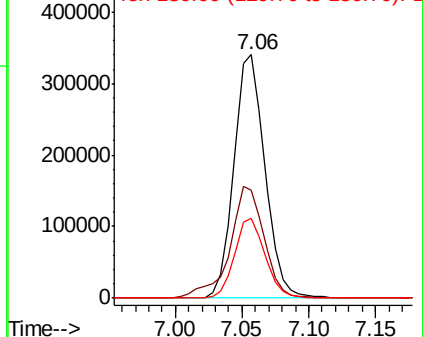
2-Chlorophenol

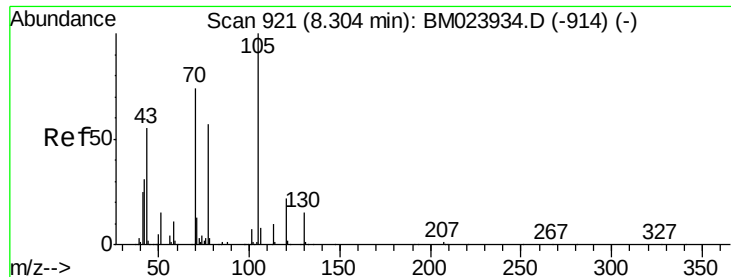
Concen: 20.800 ng/ul
 RT: 7.06 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BM023942.D
 Acq: 28 Nov 2019 08:55

Tgt Ion: 128 Resp: 551764
 Ion Ratio Lower Upper
 128 100
 64 44.3 37.0 55.4
 130 33.0 25.3 37.9



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: 21.016 ng/ul

RT: 8.30 min Scan# 920

Delta R.T. -0.01 min

Lab File: BM023942.D

Acq: 28 Nov 2019 08:55

Instrument :

BNA_M

ClientSampleId :

JLNT7MSD

Tot Ion: 70 Resp: 454620

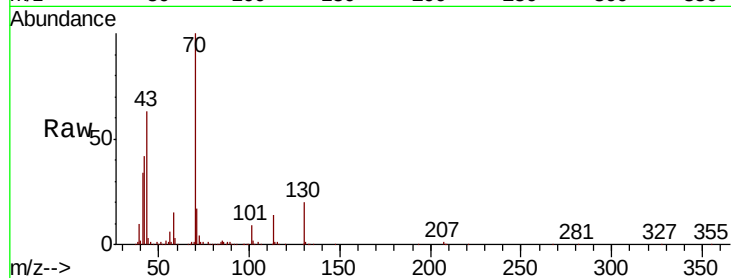
Ion Ratio Lower Upper

70 100

42 41.8 34.4 51.6

101 9.3 7.3 10.9

130 20.5 16.1 24.1

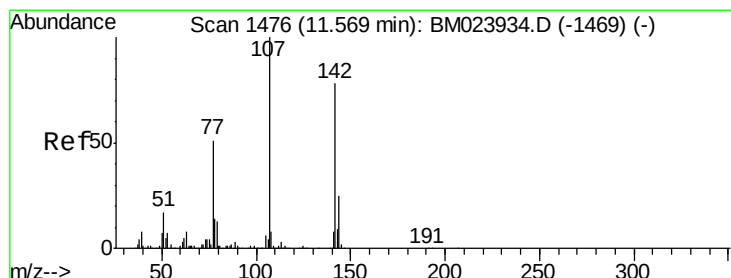
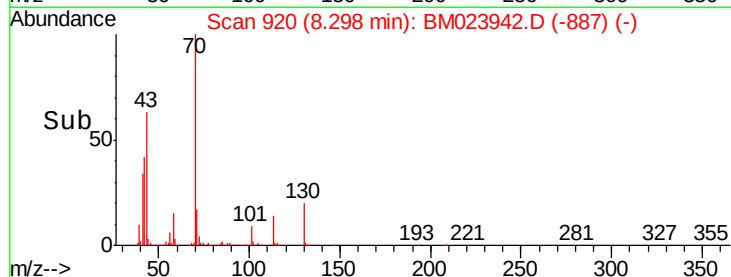
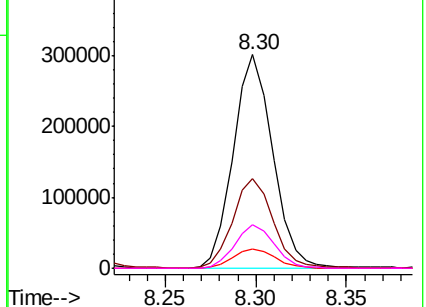


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 21.909 ng/ul

RT: 11.57 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BM023942.D

Acq: 28 Nov 2019 08:55

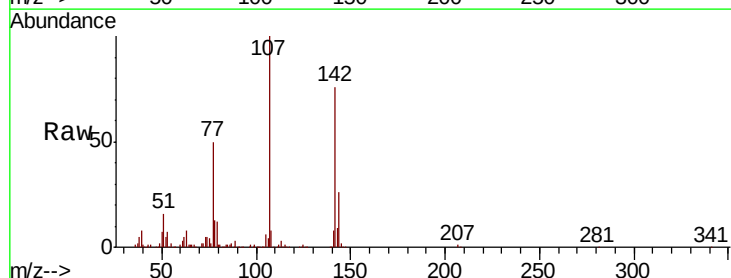
Tgt Ion:107 Resp: 575570

Ion Ratio Lower Upper

107 100

144 25.7 19.9 29.9

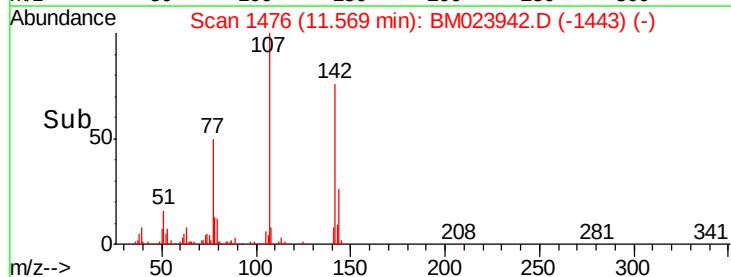
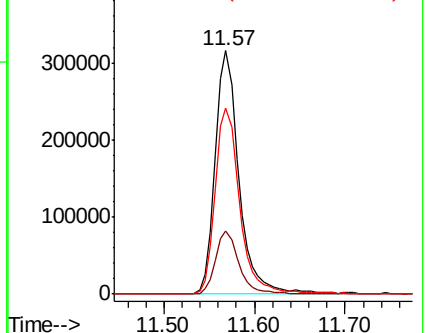
142 76.4 64.0 96.0

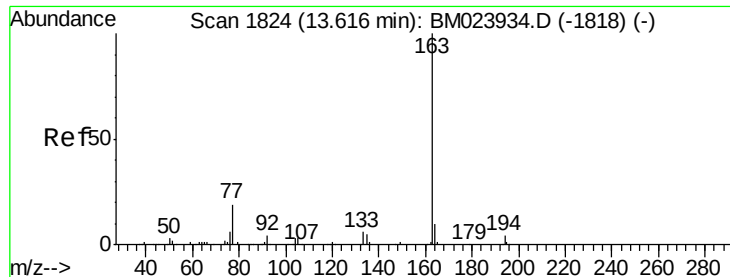


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#45

Dimethylphthalate

Concen: 9.794 ng/ul

RT: 13.62 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BM023942.D

Acq: 28 Nov 2019 08:55

Instrument :

BNA_M

ClientSampleId :

JLNT7MSD

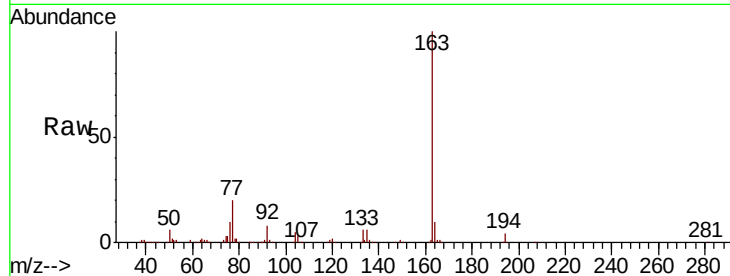
Tot Ion:163 Resp: 706315

Ion Ratio Lower Upper

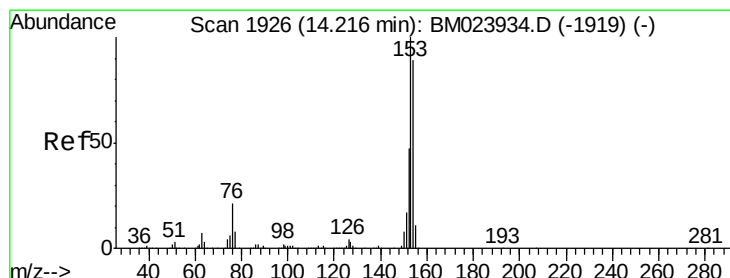
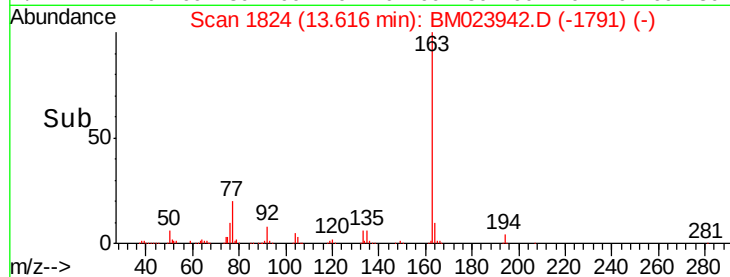
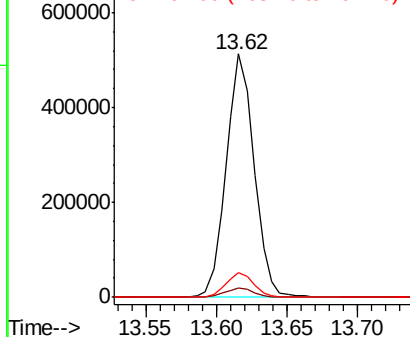
163 100

194 4.0 3.2 4.8

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: 22.105 ng/ul

RT: 14.21 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM023942.D

Acq: 28 Nov 2019 08:55

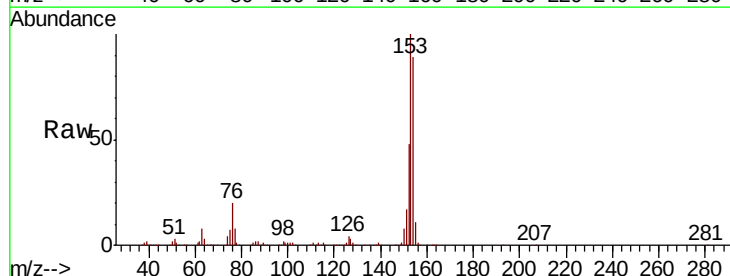
Tgt Ion:153 Resp: 1371143

Ion Ratio Lower Upper

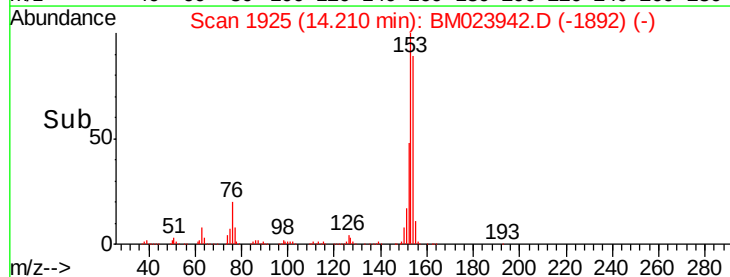
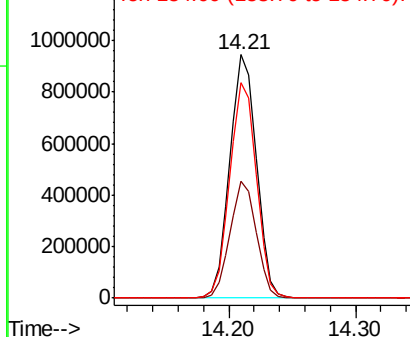
153 100

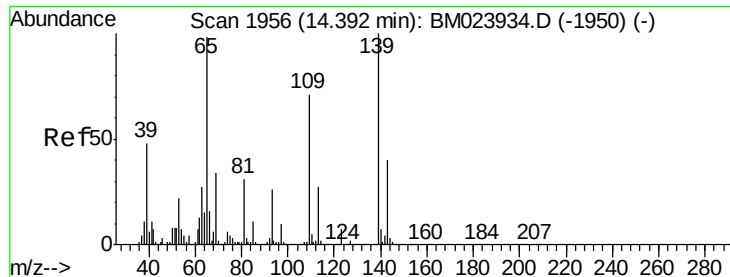
152 48.2 36.8 55.2

154 88.6 70.8 106.2



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: 23.020 ng/ul

RT: 14.39 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BM023942.D

Acq: 28 Nov 2019 08:55

Instrument :

BNA_M

ClientSampleId :

JLNT7MSD

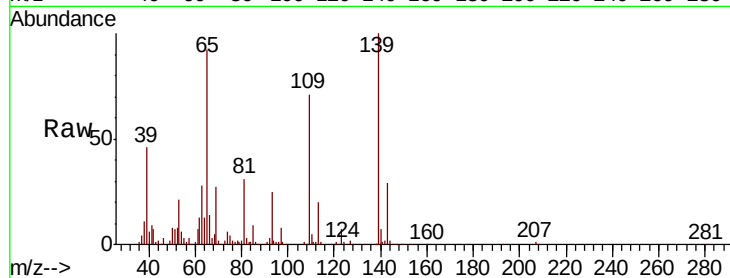
Tot Ion:109 Resp: 210089

Ion Ratio Lower Upper

109 100

139 140.1 111.8 167.6

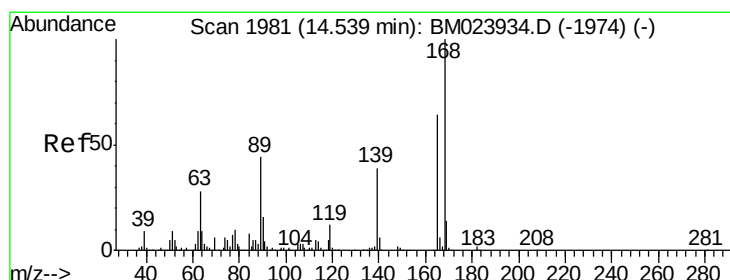
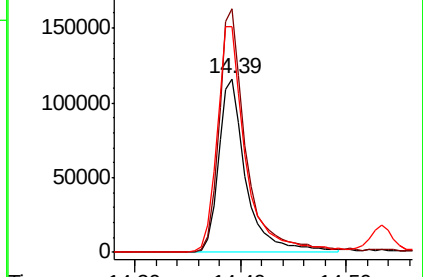
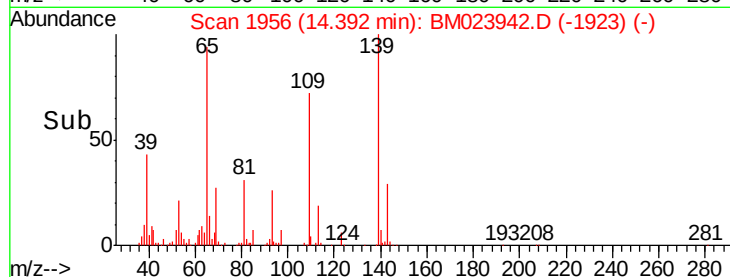
65 129.6 106.2 159.2



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: 22.900 ng/ul

RT: 14.53 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BM023942.D

Acq: 28 Nov 2019 08:55

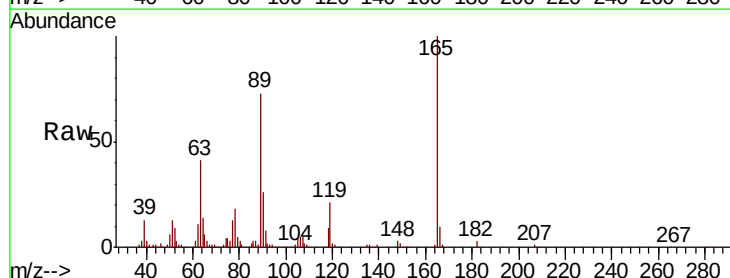
Tgt Ion:165 Resp: 469955

Ion Ratio Lower Upper

165 100

63 40.9 34.1 51.1

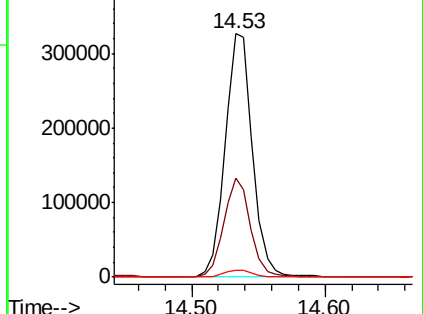
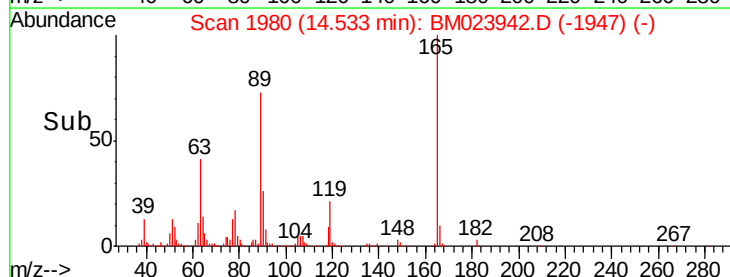
182 3.0 2.3 3.5

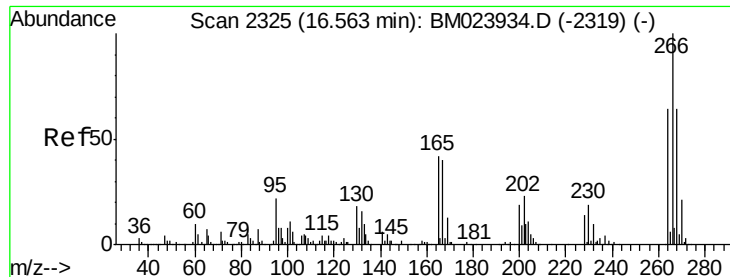


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

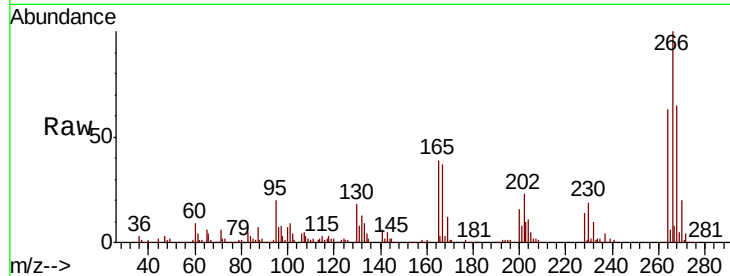




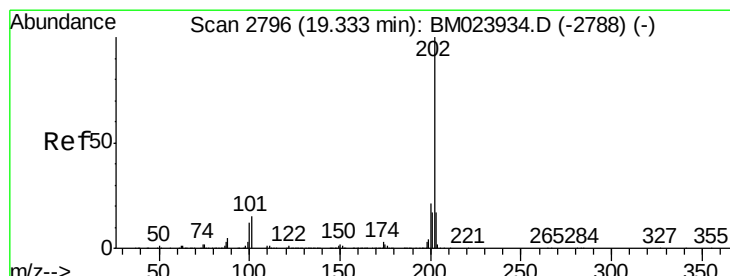
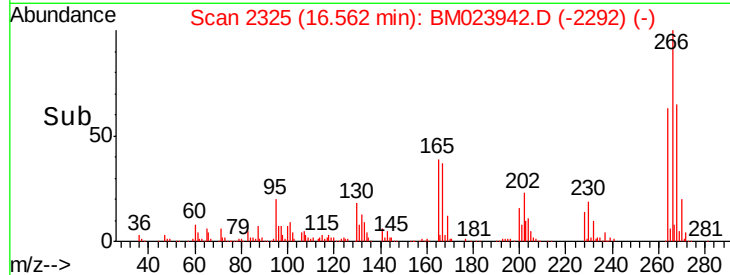
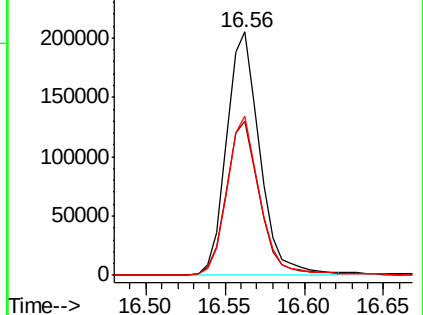
#69
 Pentachlorophenol
 Concen: 18.773 ng/ul
 RT: 16.56 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BM023942.D
 Acq: 28 Nov 2019 08:55

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 JLNT7MSD

Tot Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.5	75.7
268	65.3	52.6	78.8

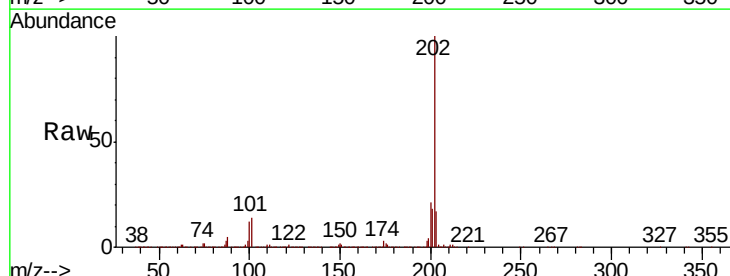


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 24.604 ng/ul
 RT: 19.33 min Scan# 2796
 Delta R.T. -0.01 min
 Lab File: BM023942.D
 Acq: 28 Nov 2019 08:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	11.5	17.3
100	11.7	9.1	13.7



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

