

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110918\
 Data File : BM017588.D
 Acq On : 09 Nov 2018 08:40
 Operator : MJ/SJ
 Sample : J5834-17MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESNS4MSD

Quant Time: Nov 09 17:13:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 09 16:25:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	239581	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	1069576	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	633501	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1493606	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	1721060	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	1776701	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	32839	6.31	ng/uL	0.00
5) Phenol-d5	6.80	99	718322	32.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	457838	35.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	569570	33.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	609195	35.21	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	301219	36.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	342543	36.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	601230	34.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	897039	63.10	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	2172290	39.99	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	2545651	38.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	355714	35.05	ng/ul	0.00
58) Fluorene-d10	15.26	176	1836991	38.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	312736	30.05	ng/ul	0.00
71) Anthracene-d10	17.12	188	2937394	39.73	ng/ul	0.00
79) Pyrene-d10	19.42	212	3367633	42.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	3871410	41.26	ng/ul	0.00

Target Compounds

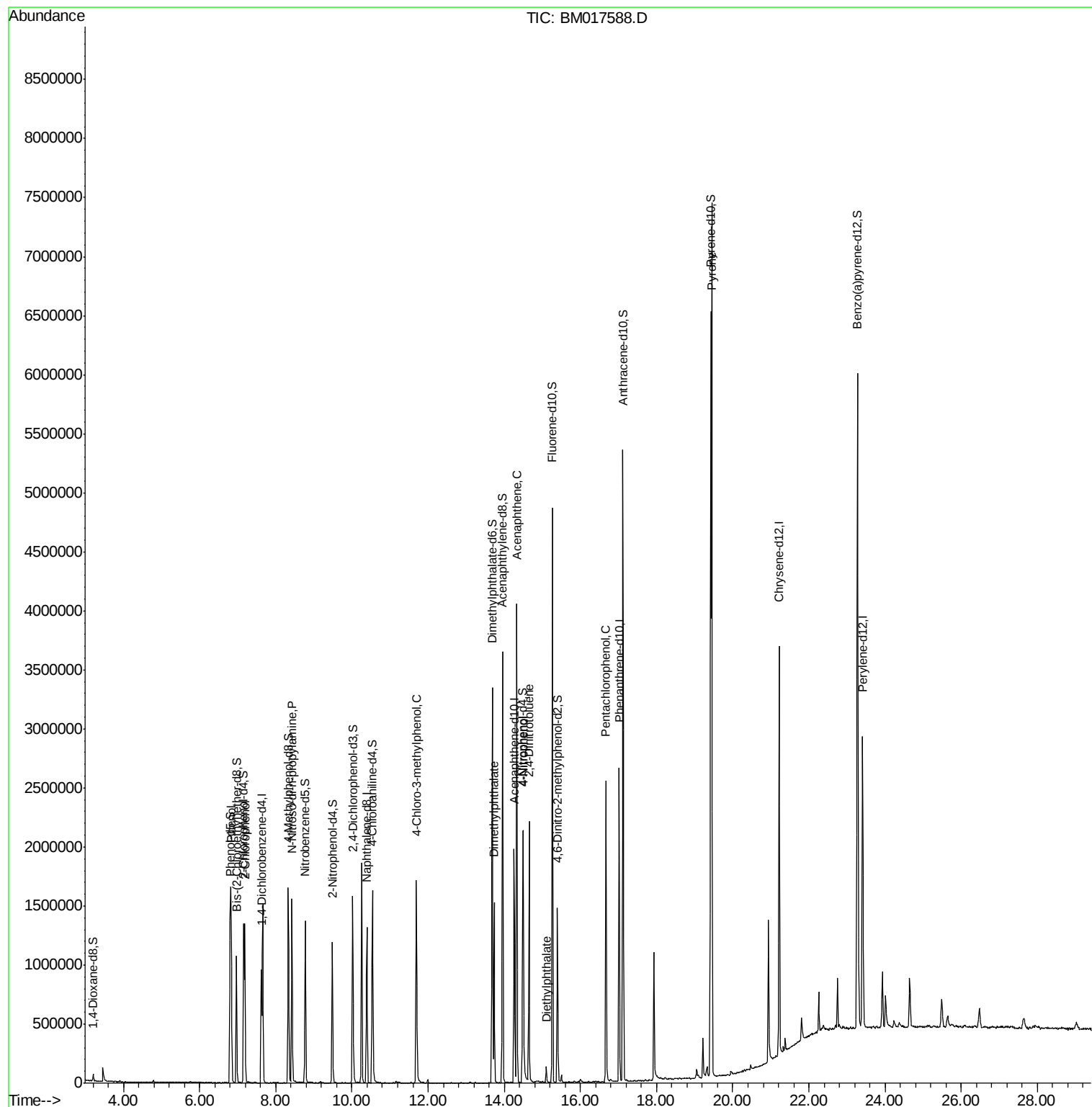
					Qvalue
6) Phenol	6.83	94	826672	38.042	ng/ul 97
10) 2-Chlorophenol	7.19	128	547899	32.145	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.43	70	518043	39.556	ng/ul 96
33) 4-Chloro-3-methylphenol	11.69	107	676511	36.878	ng/ul 97
45) Dimethylphthalate	13.73	163	940262	17.864	ng/ul 99
50) Acenaphthene	14.33	153	1626850	36.702	ng/ul 98
53) 4-Nitrophenol	14.50	109	281154	36.535	ng/ul 93
55) 2,4-Dinitrotoluene	14.65	165	603170	38.273	ng/ul 96
57) Diethylphthalate	15.10	149	70920	1.348	ng/ul 95
69) Pentachlorophenol	16.67	266	429251	36.324	ng/ul 99
80) Pyrene	19.45	202	4039743	40.421	ng/ul 98

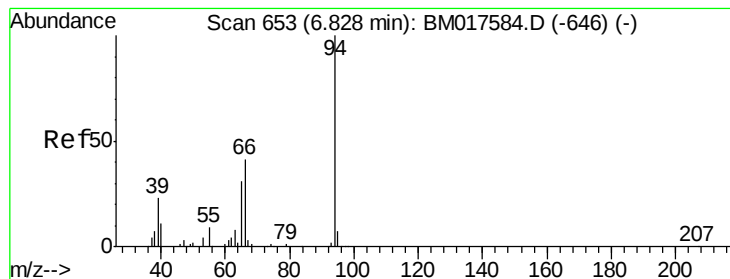
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 38.042 ng/ul

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM017588.D

Acq: 09 Nov 2018 08:40

Instrument :

BNA_M

ClientSampleId :

ESNS4MSD

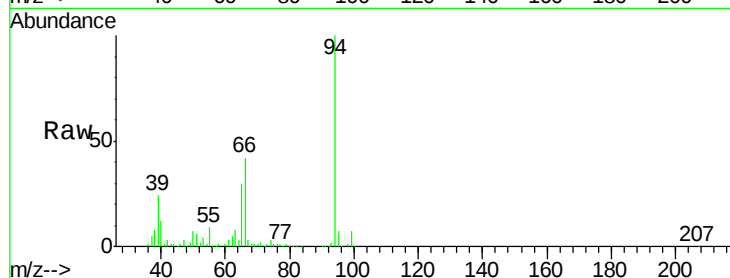
Tgt Ion: 94 Resp: 826672

Ion Ratio Lower Upper

94 100

65 30.3 24.0 36.0

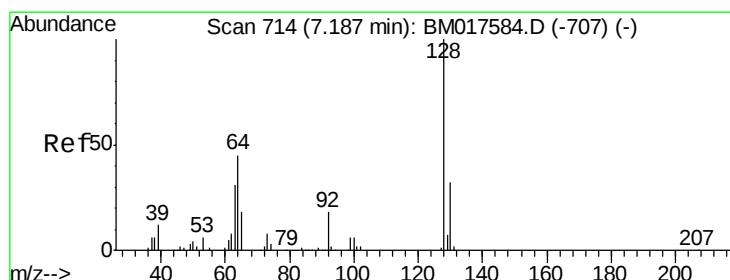
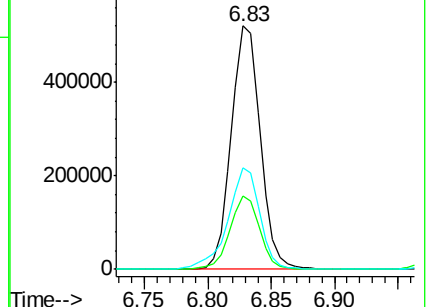
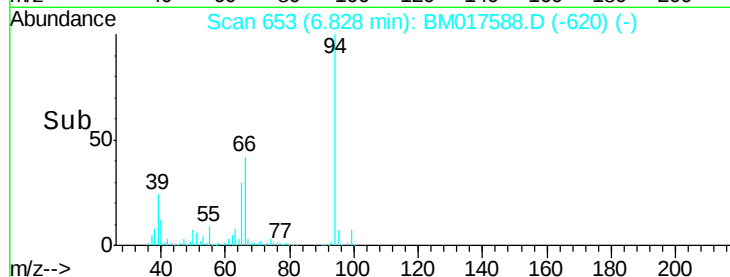
66 41.8 31.1 46.7



Abundance Ion 94.00 (93.70 to 94.70): BM017588.D (-620) (-)

Ion 65.00 (64.70 to 65.70): BM017588.D (-620) (-)

Ion 66.00 (65.70 to 66.70): BM017588.D (-620) (-)



#10

2-Chlorophenol

Concen: 32.145 ng/ul

RT: 7.19 min Scan# 714

Delta R.T. -0.01 min

Lab File: BM017588.D

Acq: 09 Nov 2018 08:40

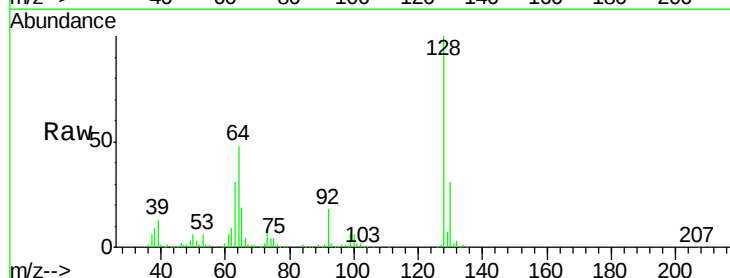
Tgt Ion: 128 Resp: 547899

Ion Ratio Lower Upper

128 100

64 48.0 36.2 54.2

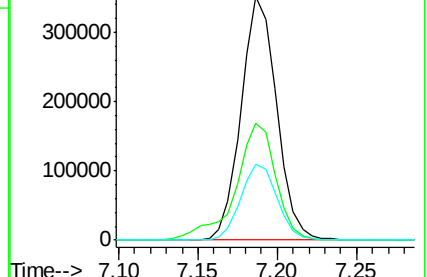
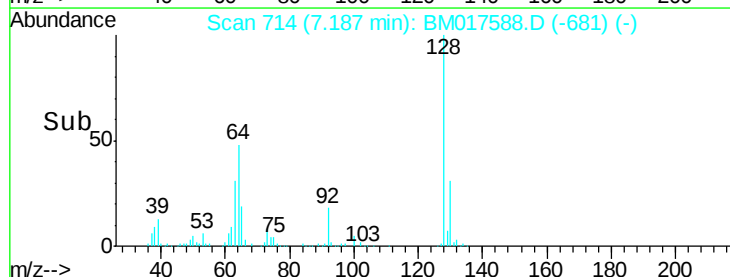
130 31.4 26.0 39.0

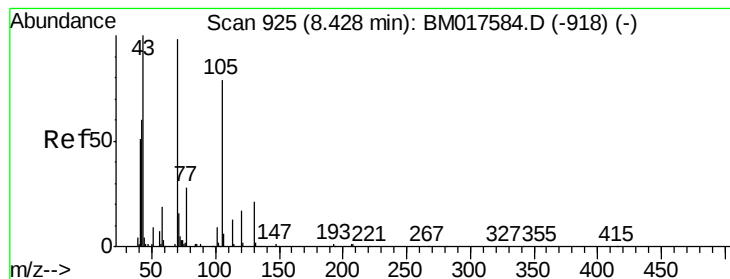


Abundance Ion 128.00 (127.70 to 128.70): BM017588.D (-681) (-)

Ion 64.00 (63.70 to 64.70): BM017588.D (-681) (-)

Ion 130.00 (129.70 to 130.70): BM017588.D (-681) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 39.556 ng/ul

RT: 8.43 min Scan# 925

Delta R.T. -0.00 min

Lab File: BM017588.D

Acq: 09 Nov 2018 08:40

Instrument :

BNA_M

ClientSampleId :

ESNS4MSD

Tgt Ion: 70 Resp: 518043

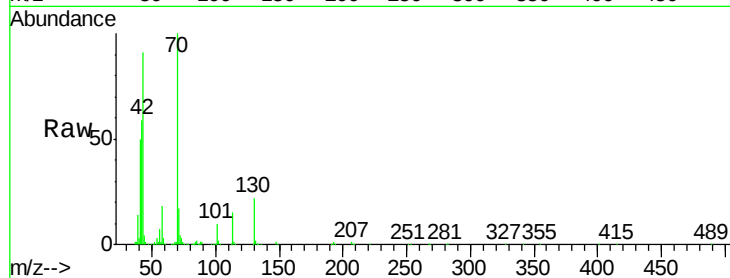
Ion Ratio Lower Upper

70 100

42 59.2 43.7 65.5

101 9.8 8.0 12.0

130 21.6 17.8 26.8



Abundance

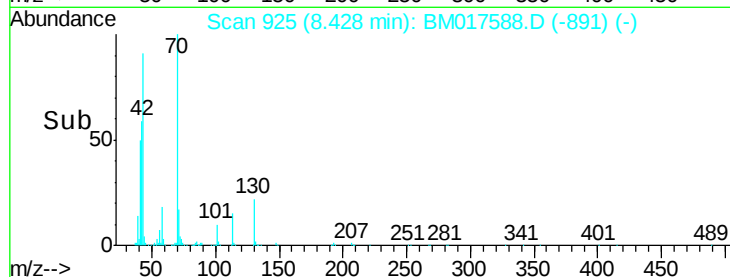
Ion 70.00 (69.70 to 70.70): BM017588.D (-918) (-)

Ion 42.00 (41.70 to 42.70): BM017588.D (-918) (-)

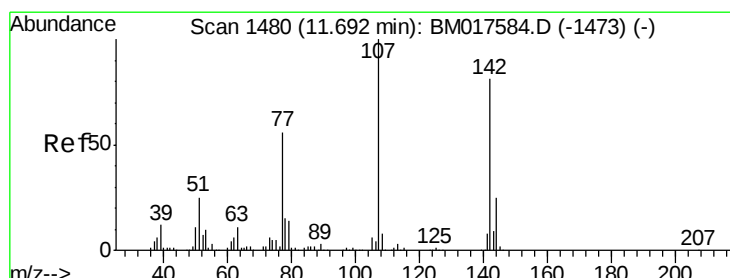
Ion 101.00 (100.70 to 101.70): BM017588.D (-918) (-)

Ion 130.00 (129.70 to 130.70): BM017588.D (-918) (-)

Time-->



Time-->



#33

4-Chloro-3-methylphenol

Concen: 36.878 ng/ul

RT: 11.69 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BM017588.D

Acq: 09 Nov 2018 08:40

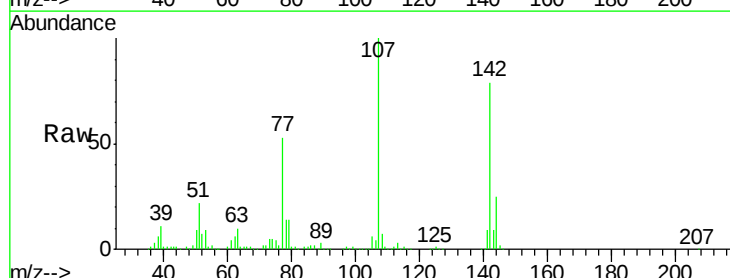
Tgt Ion: 107 Resp: 676511

Ion Ratio Lower Upper

107 100

144 24.9 21.8 32.6

142 79.1 65.0 97.4



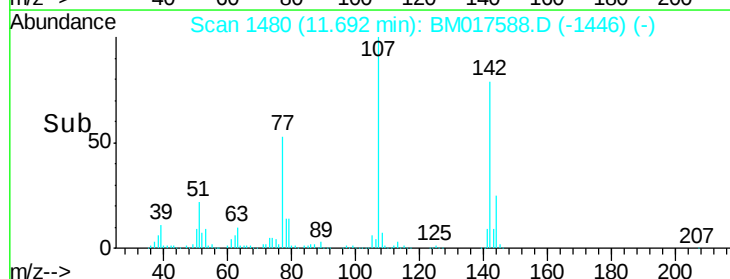
Abundance

Ion 107.00 (106.70 to 107.70): BM017588.D (-1473) (-)

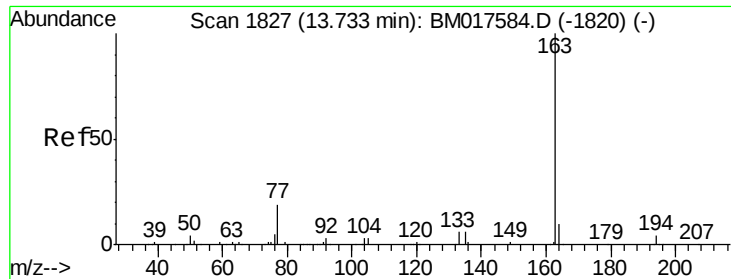
Ion 144.00 (143.70 to 144.70): BM017588.D (-1473) (-)

Ion 142.00 (141.70 to 142.70): BM017588.D (-1473) (-)

Time-->



Time-->



#45

Dimethylphthalate

Concen: 17.864 ng/ul

RT: 13.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BM017588.D

Acq: 09 Nov 2018 08:40

Instrument :

BNA_M

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ESNS4MSD

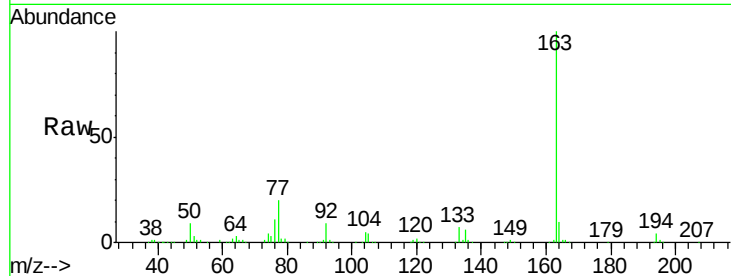
Tgt Ion:163 Resp: 940262

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

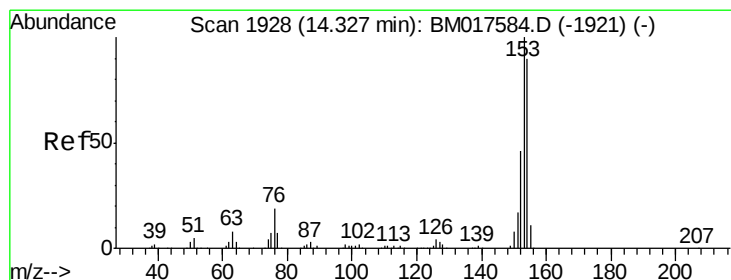
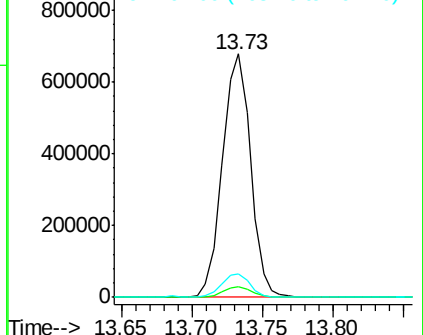
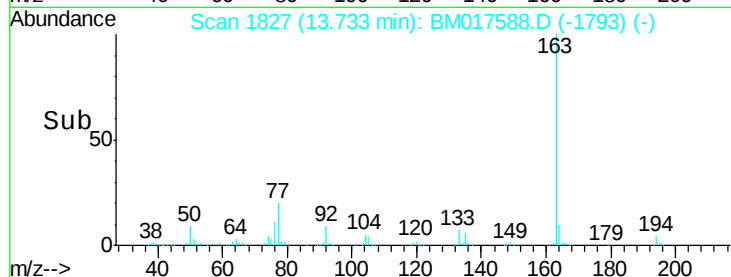
164 9.9 8.1 12.1



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: 36.702 ng/ul

RT: 14.33 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BM017588.D

Acq: 09 Nov 2018 08:40

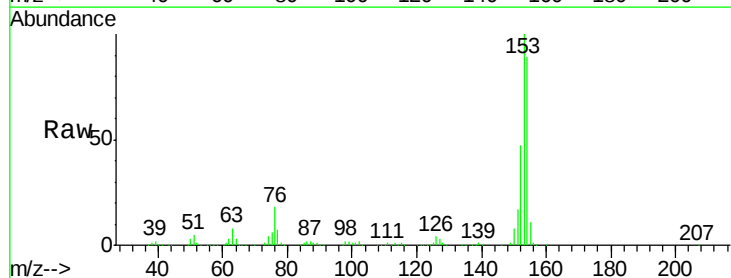
Tgt Ion:153 Resp: 1626850

Ion Ratio Lower Upper

153 100

152 46.7 36.9 55.3

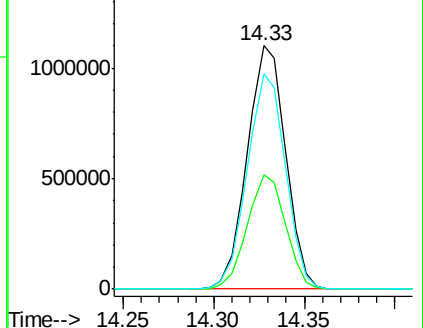
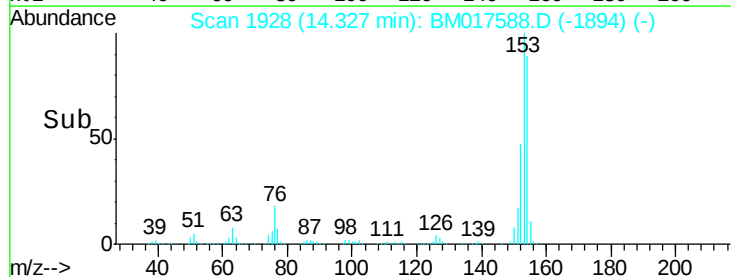
154 88.5 72.2 108.4

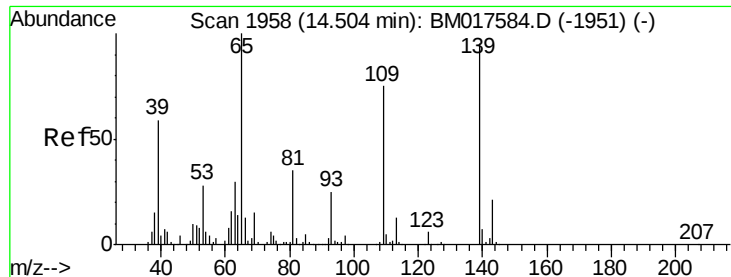


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 36.535 ng/ul

RT: 14.50 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BM017588.D

Acq: 09 Nov 2018 08:40

Instrument :

BNA_M

ClientSampleId :

ESNS4MSD

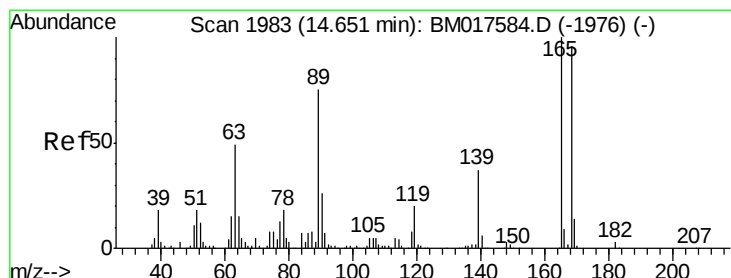
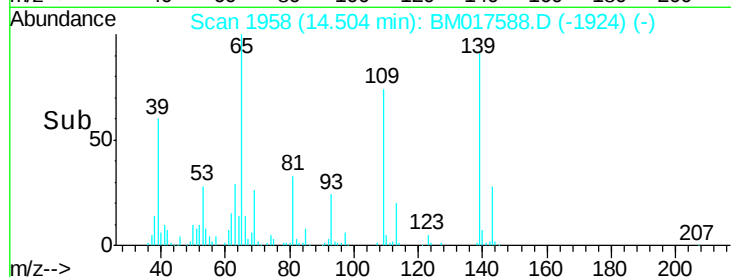
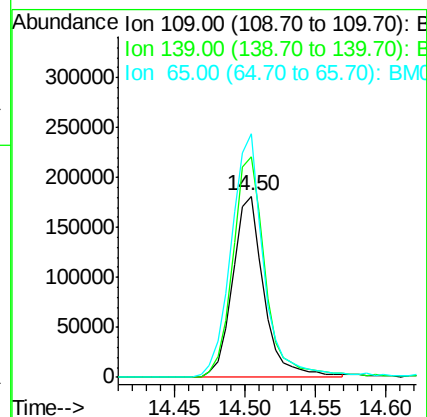
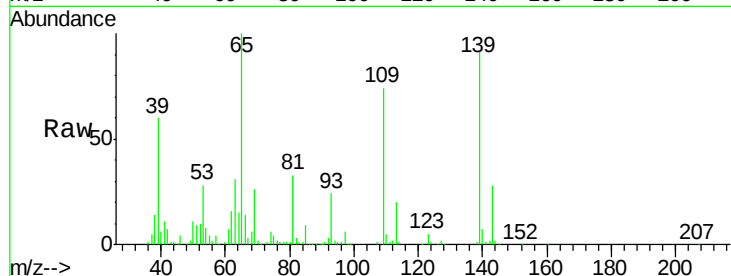
Tgt Ion:109 Resp: 281154

Ion Ratio Lower Upper

109 100

139 121.9 103.4 155.0

65 134.3 101.0 151.6



#55

2,4-Dinitrotoluene

Concen: 38.273 ng/ul

RT: 14.65 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BM017588.D

Acq: 09 Nov 2018 08:40

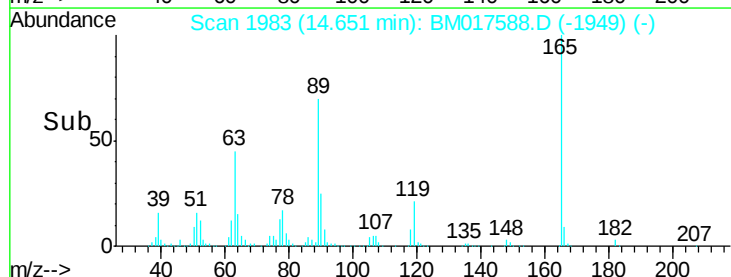
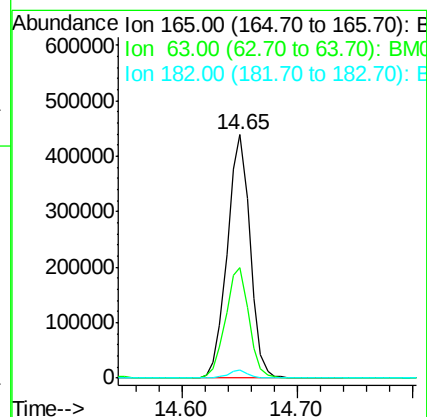
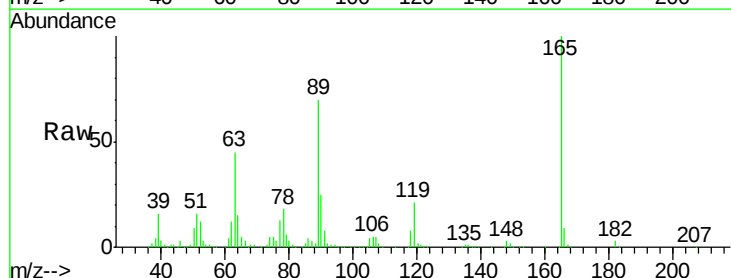
Tgt Ion:165 Resp: 603170

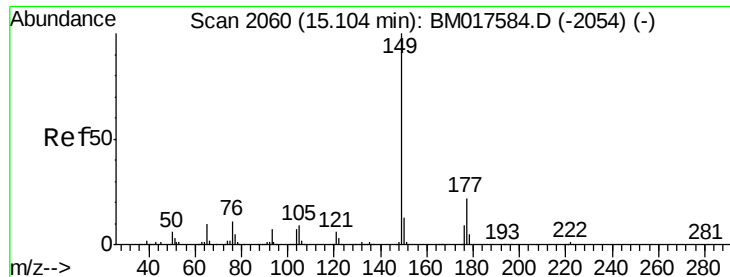
Ion Ratio Lower Upper

165 100

63 45.3 33.9 50.9

182 3.1 2.2 3.4

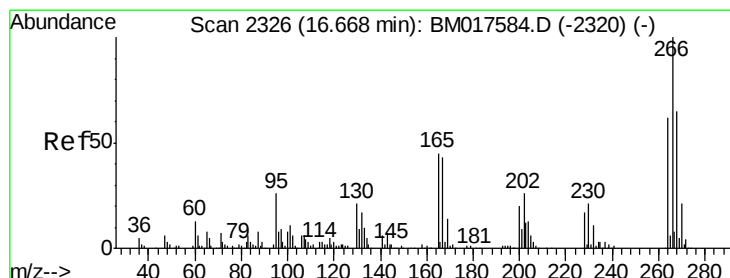
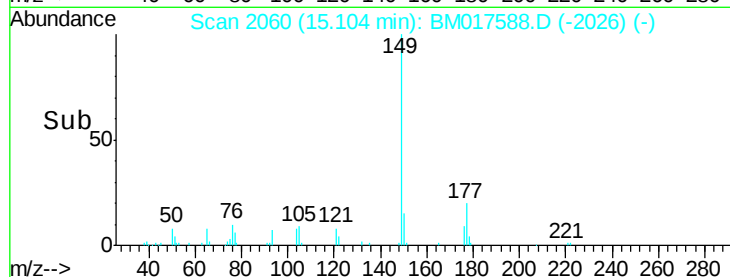
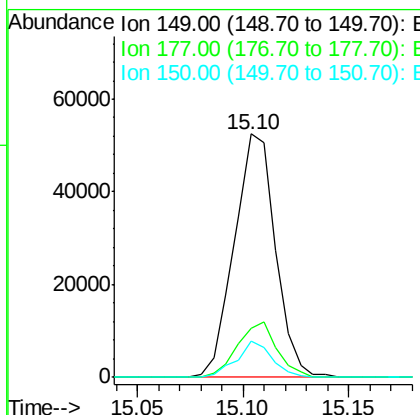
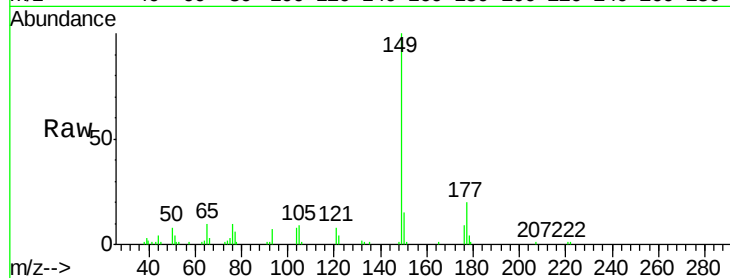




#57
Diethylphthalate
Concen: 1.348 ng/ul
RT: 15.10 min Scan# 2060
Delta R.T. -0.00 min
Lab File: BM017588.D
Acq: 09 Nov 2018 08:40

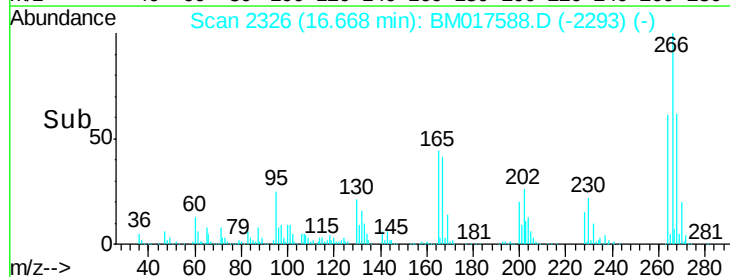
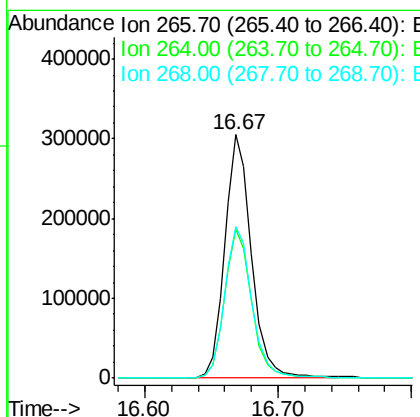
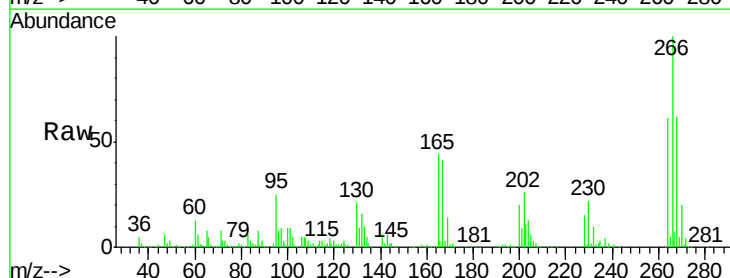
Instrument :
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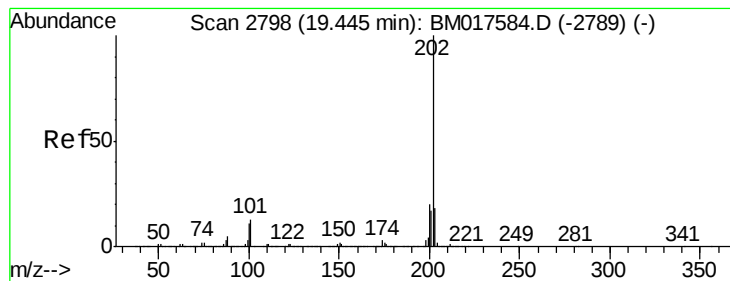
Tgt Ion:149 Resp: 70920
Ion Ratio Lower Upper
149 100
177 20.3 17.8 26.8
150 14.8 10.2 15.4



#69
Pentachlorophenol
Concen: 36.324 ng/ul
RT: 16.67 min Scan# 2326
Delta R.T. -0.01 min
Lab File: BM017588.D
Acq: 09 Nov 2018 08:40

Tgt Ion:266 Resp: 429251
Ion Ratio Lower Upper
266 100
264 61.4 49.2 73.8
268 62.2 50.9 76.3





#80

Pyrene

Concen: 40.421 ng/ul

RT: 19.45 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BM017588.D

Acq: 09 Nov 2018 08:40

Instrument :

BNA_M

ClientSampleId :

ESNS4MSD

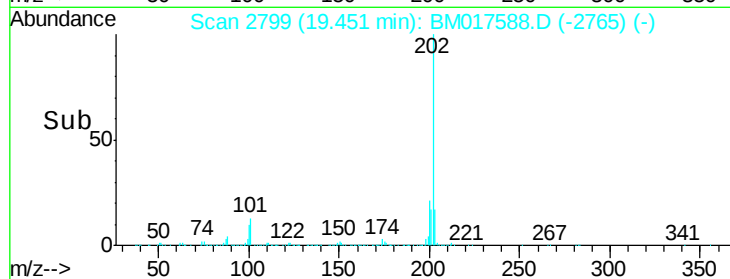
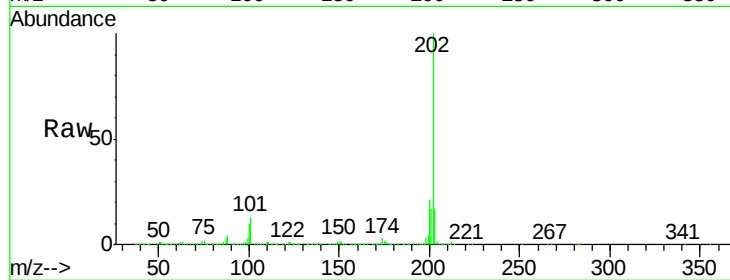
Tgt Ion:202 Resp: 4039743

Ion Ratio Lower Upper

202 100

101 12.7 9.5 14.3

100 10.5 8.1 12.1



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

