

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110918\
 Data File : BM017587.D
 Acq On : 09 Nov 2018 04:47
 Operator : MJ/SJ
 Sample : J5834-16MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESNS4MS

Quant Time: Nov 09 17:11:11 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	277281	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	1212017	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	728291	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1722459	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	2000044	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	1967992	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	36591	6.07	ng/uL	0.00
5) Phenol-d5	6.80	99	818830	32.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	528024	35.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	660100	33.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	695773	34.74	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	351689	37.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	392465	36.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	693106	35.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	1029555	63.91	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	2502284	40.07	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	2949085	38.89	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	398083	34.12	ng/ul	0.00
58) Fluorene-d10	15.26	176	2113294	38.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	366558	30.54	ng/ul	0.00
71) Anthracene-d10	17.12	188	3403140	39.91	ng/ul	0.00
79) Pyrene-d10	19.42	212	3882421	41.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	4321583	41.58	ng/ul	0.00

Target Compounds

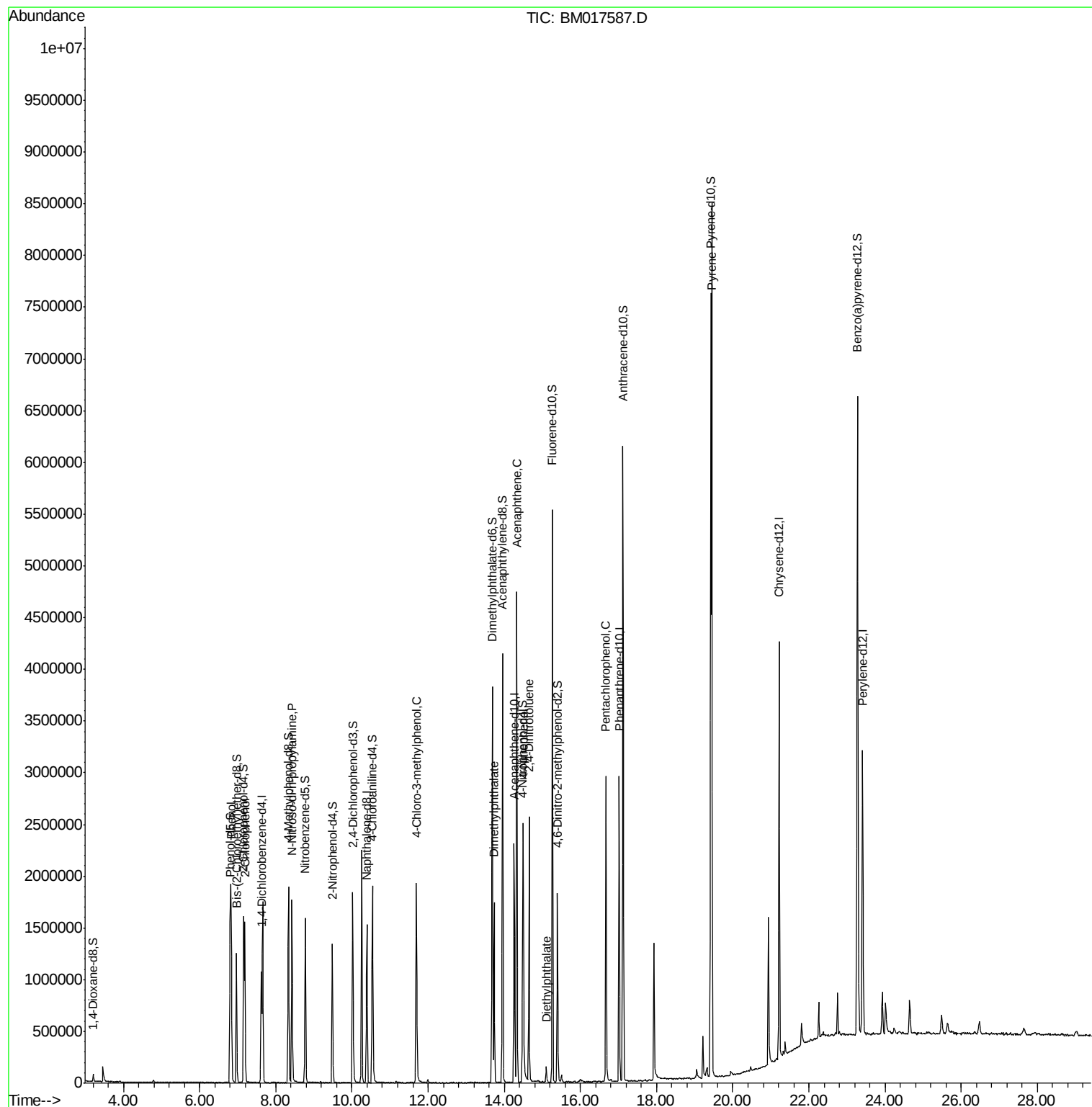
					Qvalue
6) Phenol	6.83	94	935172	37.183	ng/ul 97
10) 2-Chlorophenol	7.19	128	625286	31.698	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.43	70	602891	39.776	ng/ul 95
33) 4-Chloro-3-methylphenol	11.69	107	767325	36.913	ng/ul 98
45) Dimethylphthalate	13.73	163	1092694	18.058	ng/ul 99
50) Acenaphthene	14.33	153	1873367	36.762	ng/ul 99
53) 4-Nitrophenol	14.50	109	331986	37.526	ng/ul 96
55) 2,4-Dinitrotoluene	14.65	165	700581	38.668	ng/ul 94
57) Diethylphthalate	15.10	149	80028	1.323	ng/ul 99
69) Pentachlorophenol	16.67	266	499024	36.618	ng/ul 99
80) Pyrene	19.45	202	4670089	40.210	ng/ul 98

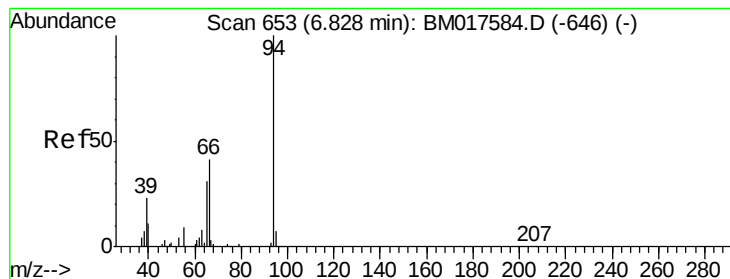
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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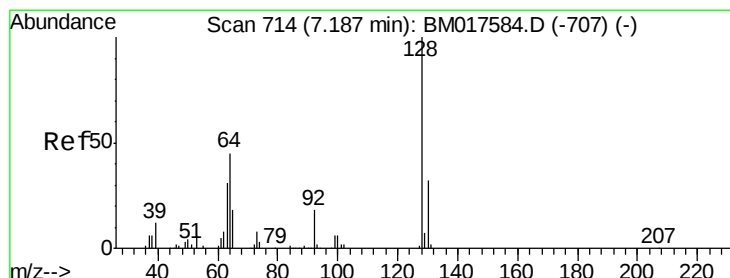
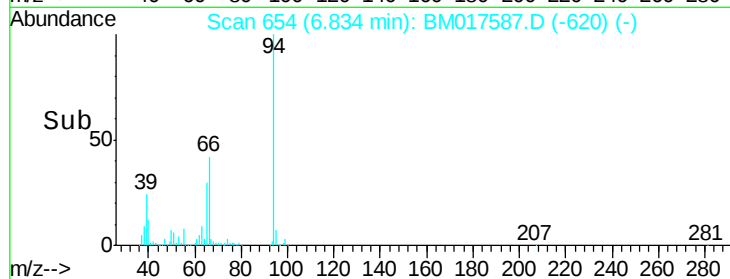
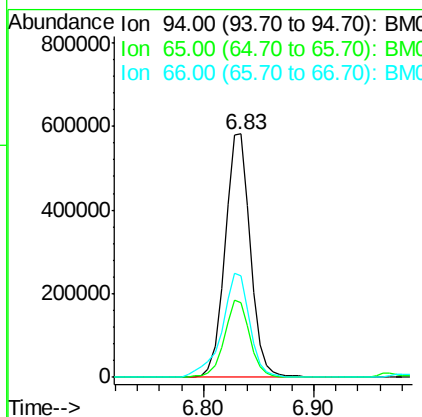
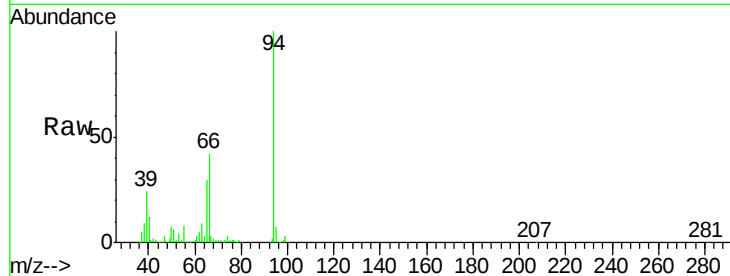
#6

Phenol

Concen: 37.183 ng/ul
 RT: 6.83 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: BM017587.D
 Acq: 09 Nov 2018 04:47

Instrument :
 BNA_M
 ClientSampleId :
 ESNS4MS

Tgt Ion: 94 Resp: 935172
 Ion Ratio Lower Upper
 94 100
 65 30.4 24.0 36.0
 66 41.6 31.1 46.7

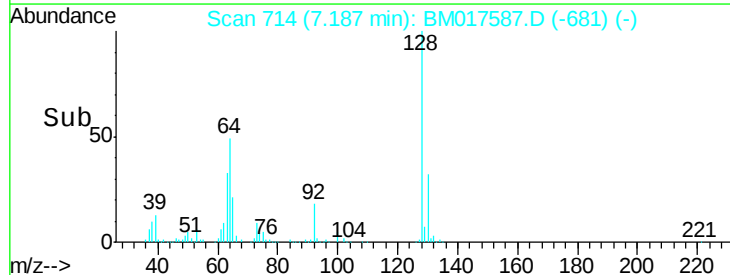
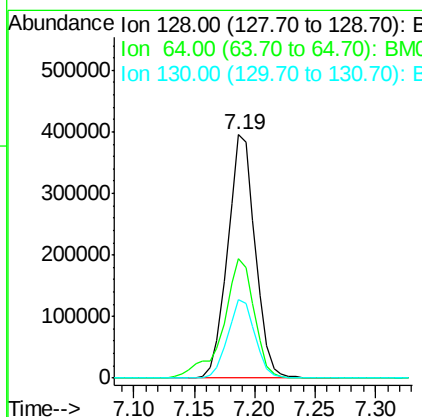
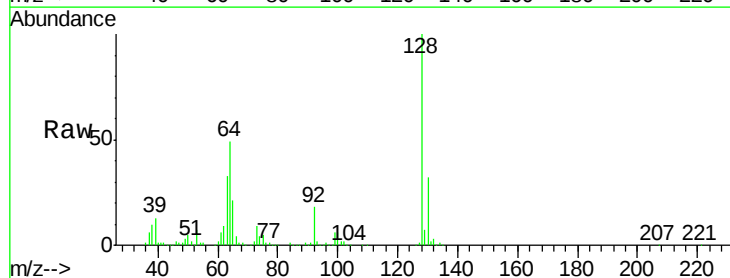


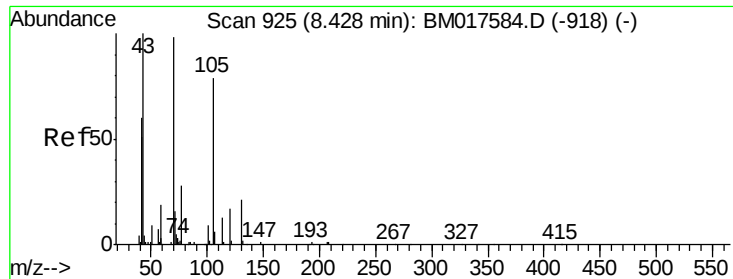
#10

2-Chlorophenol

Concen: 31.698 ng/ul
 RT: 7.19 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: BM017587.D
 Acq: 09 Nov 2018 04:47

Tgt Ion: 128 Resp: 625286
 Ion Ratio Lower Upper
 128 100
 64 48.9 36.2 54.2
 130 32.1 26.0 39.0

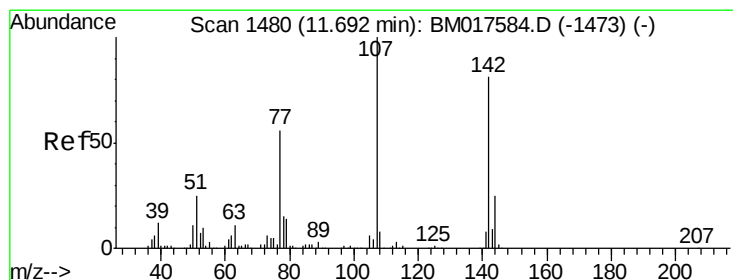
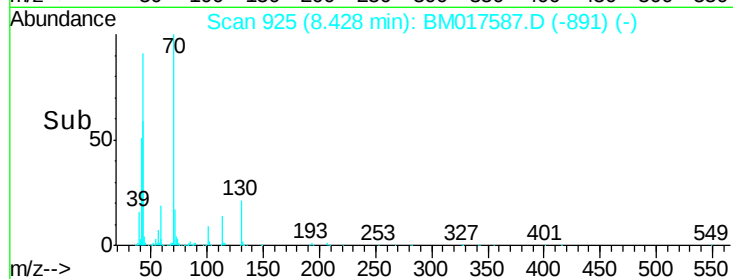
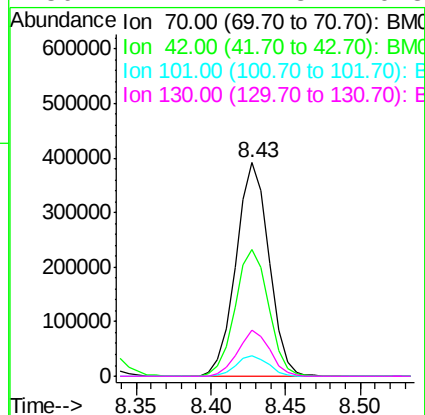
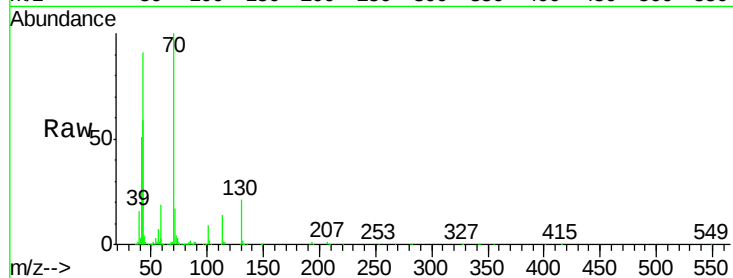




#15
N-Nitroso-di-n-propylamine
Concen: 39.776 ng/ul
RT: 8.43 min Scan# 925
Delta R.T. -0.00 min
Lab File: BM017587.D
Acq: 09 Nov 2018 04:47

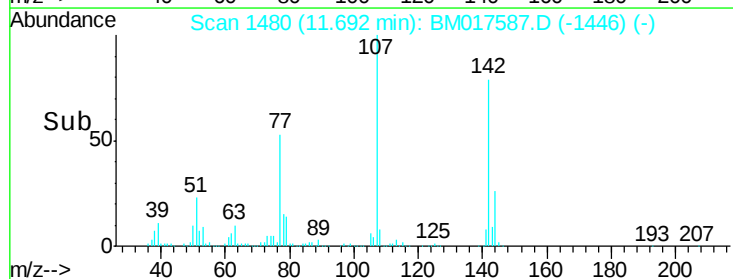
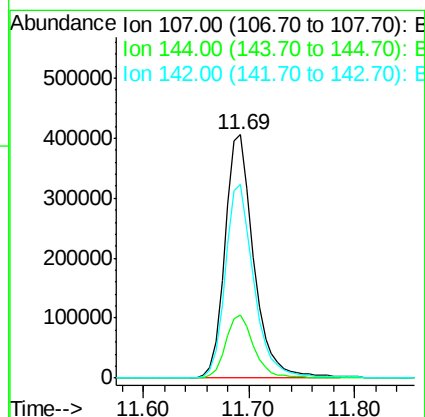
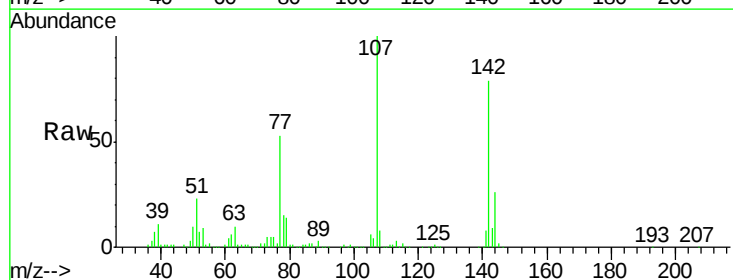
Instrument :
BNA_M
ClientSampleId :
ESNS4MS

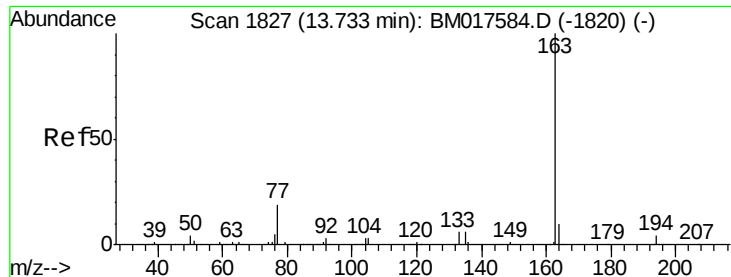
Tgt Ion:	70	Resp:	602891
Ion	Ratio	Lower	Upper
70	100		
42	59.2	43.7	65.5
101	9.3	8.0	12.0
130	21.4	17.8	26.8



#33
4-Chloro-3-methylphenol
Concen: 36.913 ng/ul
RT: 11.69 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BM017587.D
Acq: 09 Nov 2018 04:47

Tgt Ion:	107	Resp:	767325
Ion	Ratio	Lower	Upper
107	100		
144	25.9	21.8	32.6
142	79.3	65.0	97.4





#45

Dimethylphthalate

Concen: 18.058 ng/ul

RT: 13.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BM017587.D

Acq: 09 Nov 2018 04:47

Instrument :

BNA_M

ClientSampleId :

ESNS4MS

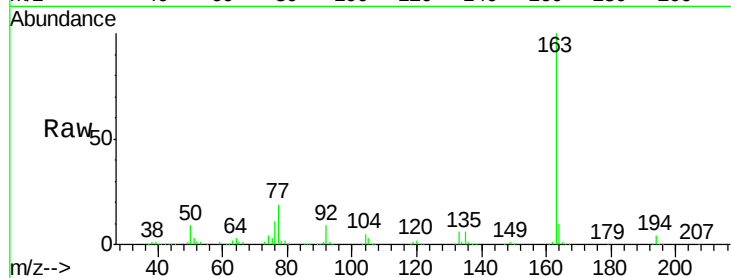
Tgt Ion:163 Resp: 1092694

Ion Ratio Lower Upper

163 100

194 4.5 3.2 4.8

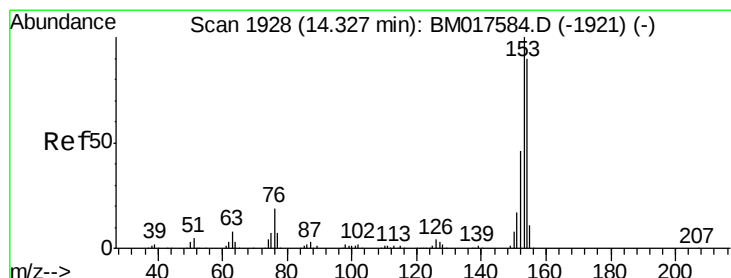
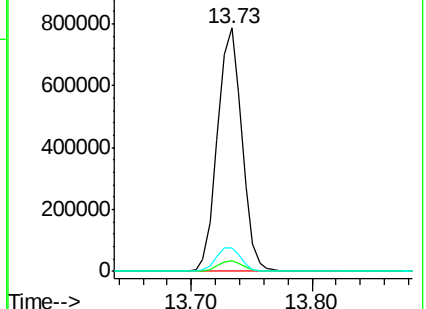
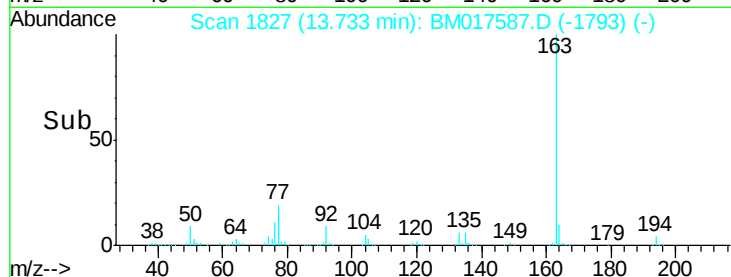
164 9.9 8.1 12.1



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: 36.762 ng/ul

RT: 14.33 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BM017587.D

Acq: 09 Nov 2018 04:47

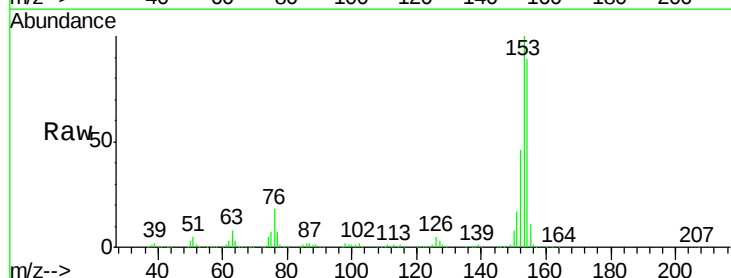
Tgt Ion:153 Resp: 1873367

Ion Ratio Lower Upper

153 100

152 45.9 36.9 55.3

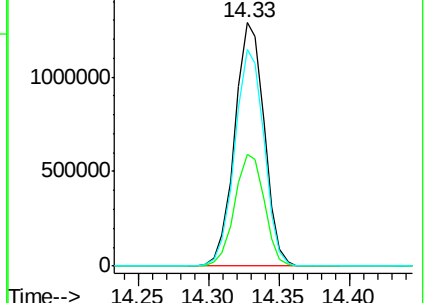
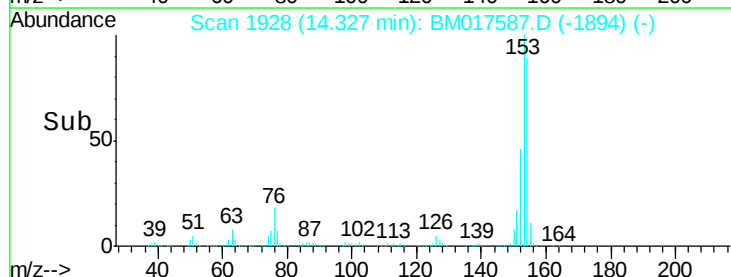
154 88.8 72.2 108.4

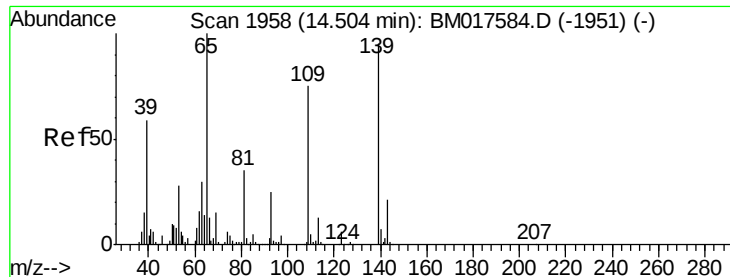


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 37.526 ng/ul

RT: 14.50 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BM017587.D

Acq: 09 Nov 2018 04:47

Instrument :

BNA_M

ClientSampleId :

ESNS4MS

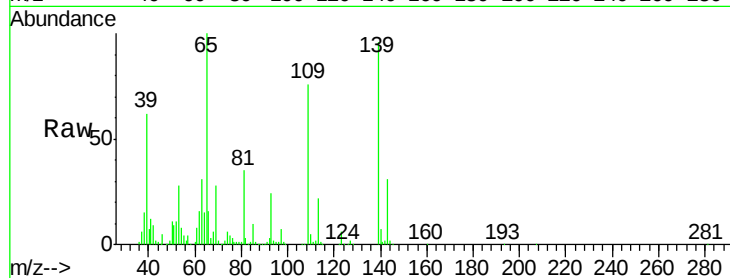
Tgt Ion:109 Resp: 331986

Ion Ratio Lower Upper

109 100

139 126.5 103.4 155.0

65 132.2 101.0 151.6



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

400000

300000

200000

100000

0

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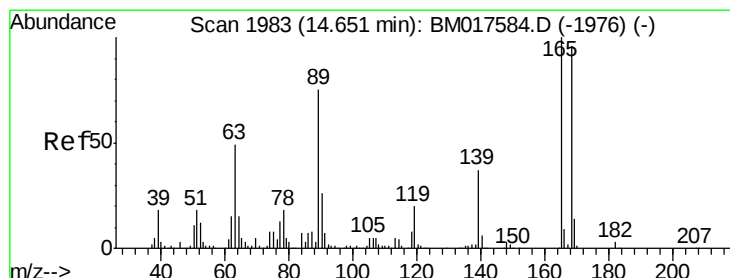
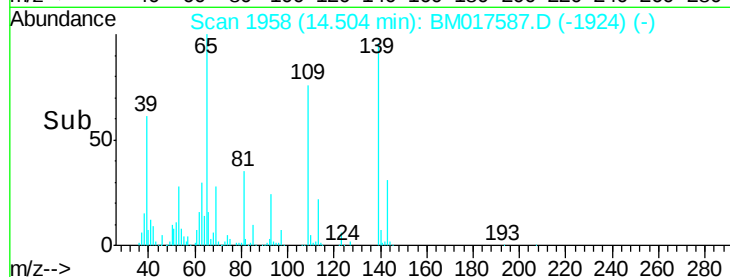
14.50

14.50

14.50

14.50

14.50



#55

2,4-Dinitrotoluene

Concen: 38.668 ng/ul

RT: 14.65 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BM017587.D

Acq: 09 Nov 2018 04:47

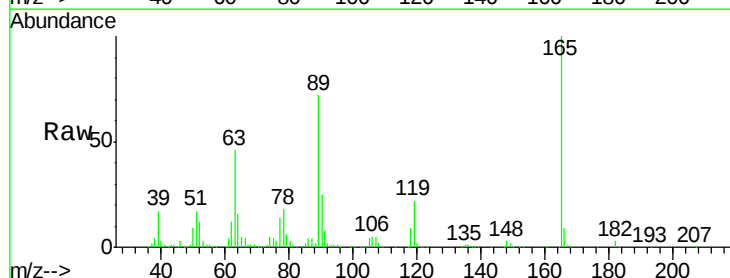
Tgt Ion:165 Resp: 700581

Ion Ratio Lower Upper

165 100

63 46.3 33.9 50.9

182 3.0 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

600000

400000

200000

0

14.65

14.65

14.65

14.65

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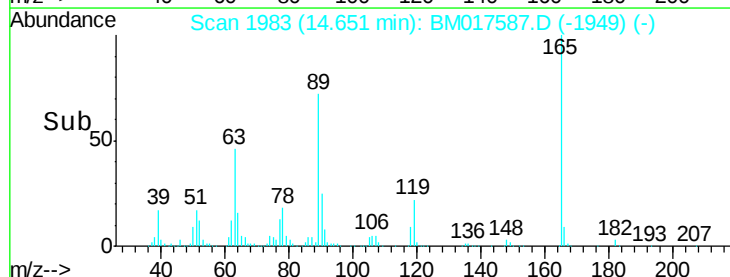
14.65

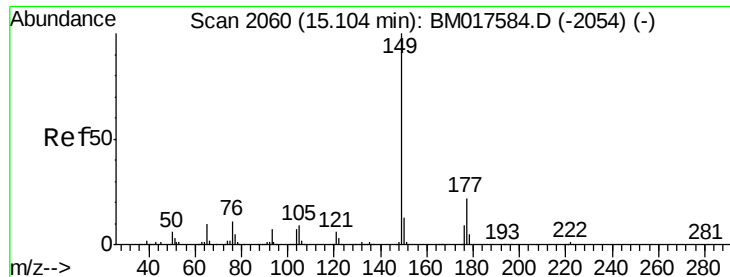
14.65

14.65

14.65

14.65

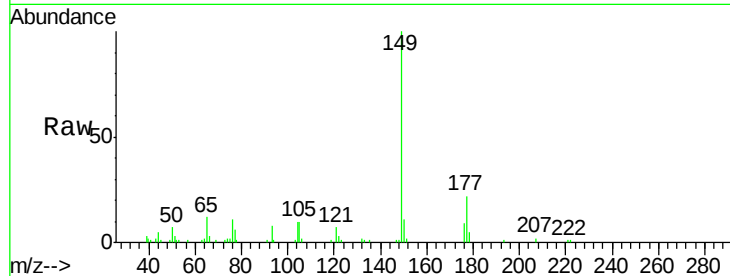




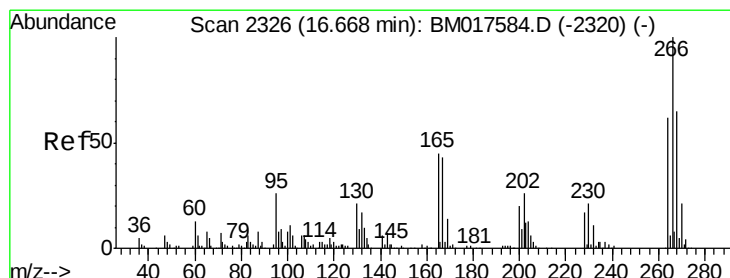
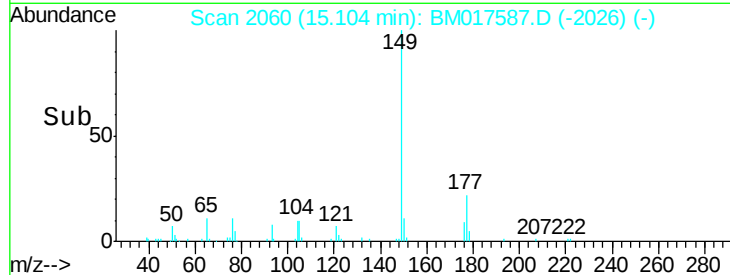
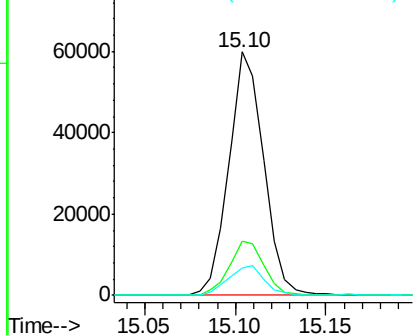
#57
Diethylphthalate
Concen: 1.323 ng/ul
RT: 15.10 min Scan# 2060
Delta R.T. -0.00 min
Lab File: BM017587.D
Acq: 09 Nov 2018 04:47

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Tgt Ion:149 Resp: 80028
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.8
150 11.3 10.2 15.4

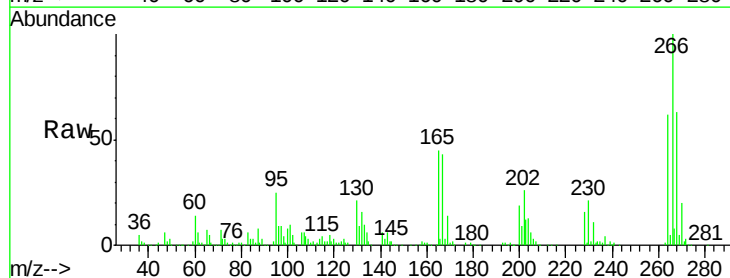


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

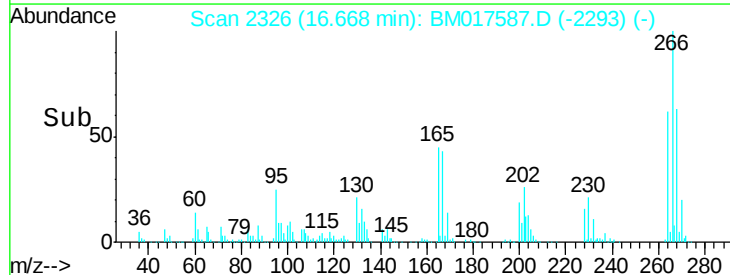
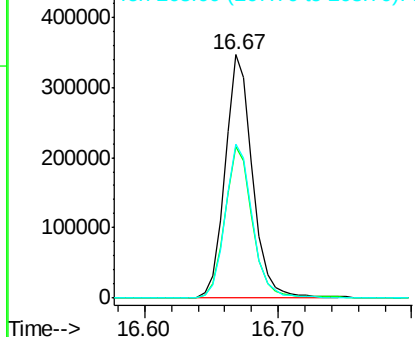


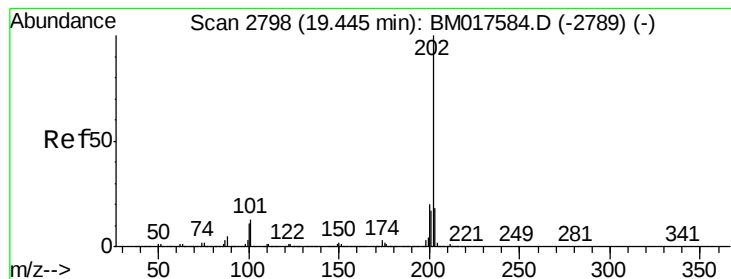
#69
Pentachlorophenol
Concen: 36.618 ng/ul
RT: 16.67 min Scan# 2326
Delta R.T. -0.01 min
Lab File: BM017587.D
Acq: 09 Nov 2018 04:47

Tgt Ion:266 Resp: 499024
Ion Ratio Lower Upper
266 100
264 62.3 49.2 73.8
268 63.4 50.9 76.3



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: 40.210 ng/ul

RT: 19.45 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BM017587.D

Acq: 09 Nov 2018 04:47

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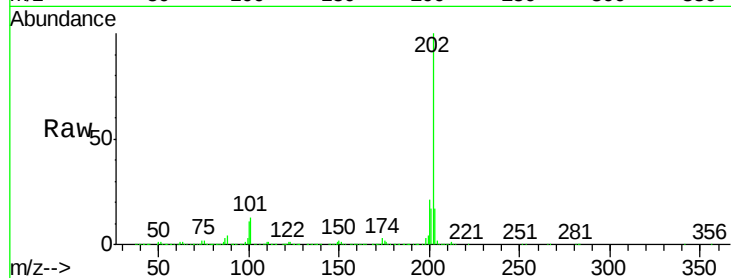
Tgt Ion:202 Resp: 4670089

Ion Ratio Lower Upper

202 100

101 12.7 9.5 14.3

100 10.6 8.1 12.1



Abundance Ion 202.00 (201.70 to 202.70): E

5000000 Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

