

Data File : BM017479.D
Acq On : 01 Nov 2018 23:26
Operator : MJ/SJ
Sample : J5635-28MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A40H7MS

Quant Time: Nov 02 02:46:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 02 02:41:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	211181	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	1018260	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.28	164	619715	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	1479522	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	1778676	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	1759325	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	23728	5.17	ng/uL	0.00
5) Phenol-d5	6.82	99	599892	31.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	355415	31.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	490762	32.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	461320	30.25	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	260845	32.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	295081	33.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	514952	31.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	556974	41.16	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	1735031	32.65	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	2185778	33.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	269253	27.12	ng/ul	0.00
58) Fluorene-d10	15.28	176	1550560	33.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	246928	23.95	ng/ul	0.00
71) Anthracene-d10	17.13	188	2397431	32.74	ng/ul	0.00
79) Pyrene-d10	19.44	212	2832610	34.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	3088770	33.24	ng/ul	0.00

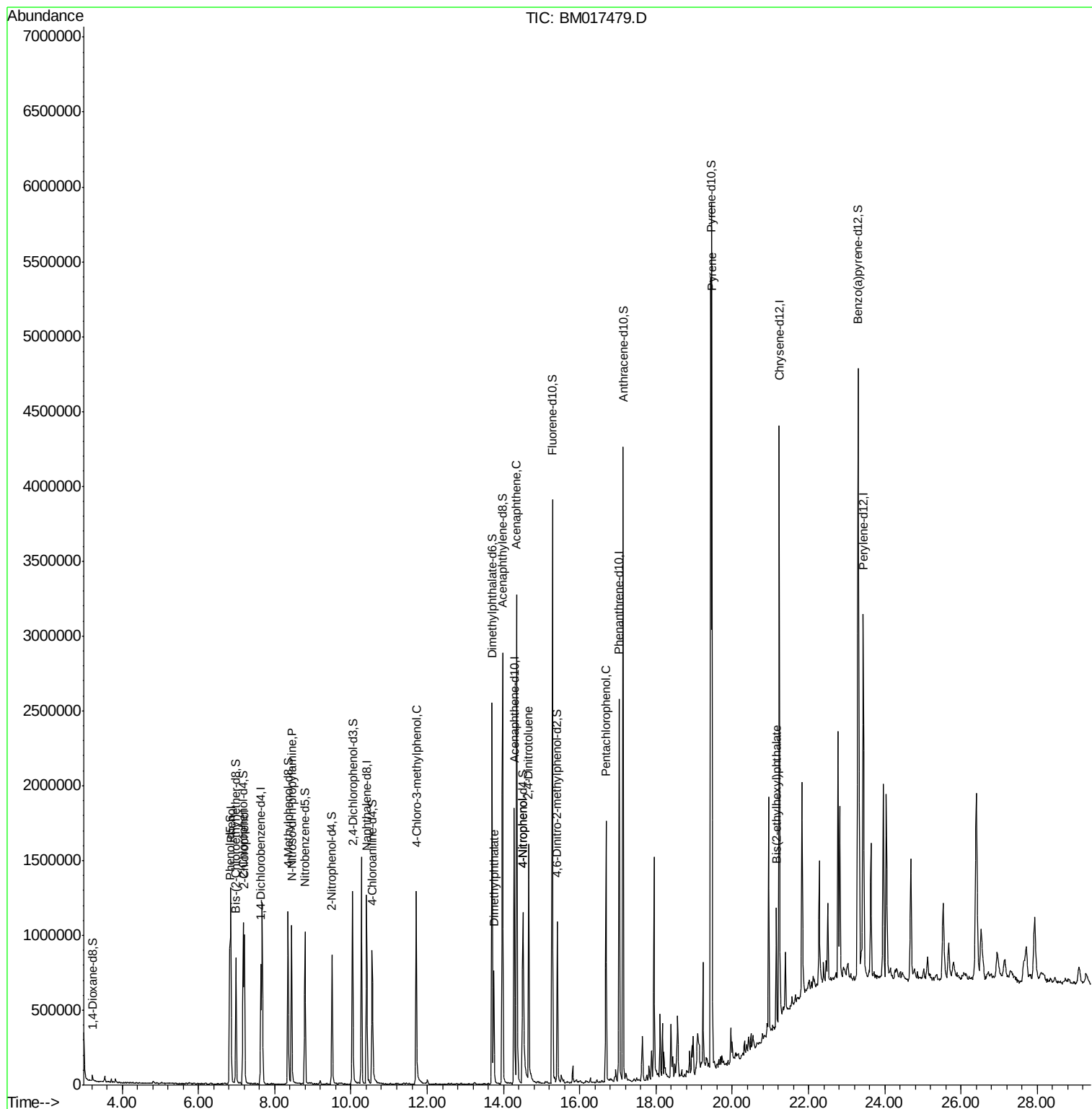
Target Compounds				Qvalue		
6) Phenol	6.85	94	704757	36.793	ng/ul	98
10) 2-Chlorophenol	7.21	128	447054	29.756	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.45	70	380924	32.998	ng/ul	97
33) 4-Chloro-3-methylphenol	11.71	107	526166	30.128	ng/ul	97
45) Dimethylphthalate	13.75	163	498067	9.673	ng/ul	100
50) Acenaphthene	14.35	153	1335024	30.788	ng/ul	99
53) 4-Nitrophenol	14.52	109	184804	24.549	ng/ul	94
55) 2,4-Dinitrotoluene	14.66	165	486946	31.586	ng/ul	98
69) Pentachlorophenol	16.69	266	311632	26.622	ng/ul	98
80) Pyrene	19.47	202	3392814	32.848	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	263820	4.378	ng/ul	97

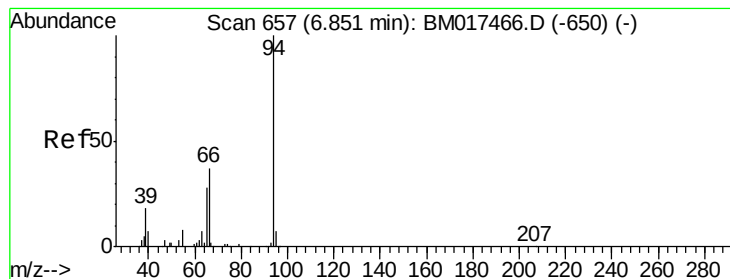
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 36.793 ng/ul

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017479.D

Acq: 01 Nov 2018 23:26

Instrument :

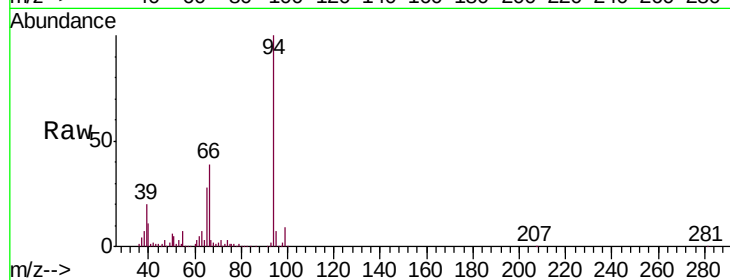
BNA_M

ClientSampleId :

A40H7MS

Tgt Ion: 94 Resp: 704757

Ion	Ratio	Lower	Upper
94	100		
65	28.1	24.0	36.0
66	38.7	31.1	46.7

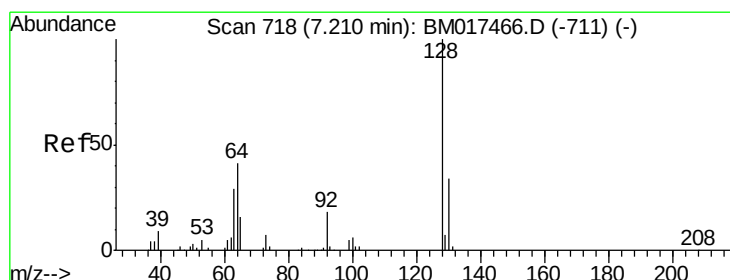
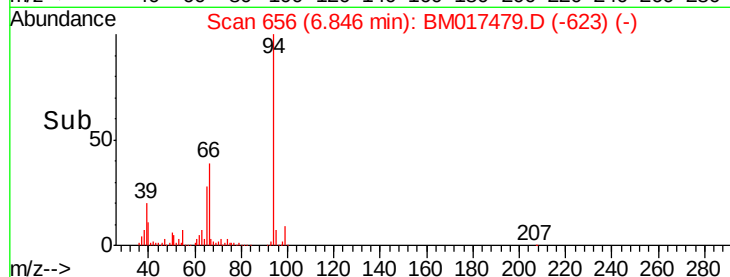
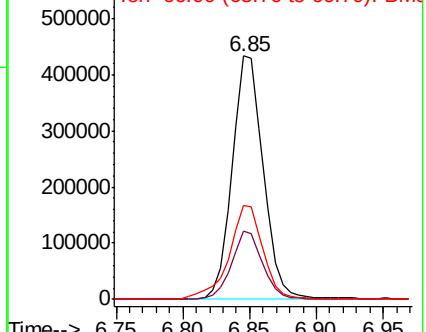


Abundance

Ion 94.00 (93.70 to 94.70): BM017466.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM017466.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM017466.D (-650) (-)



#10

2-Chlorophenol

Concen: 29.756 ng/ul

RT: 7.21 min Scan# 718

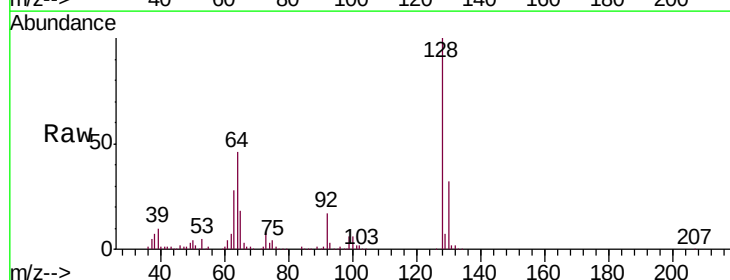
Delta R.T. 0.00 min

Lab File: BM017479.D

Acq: 01 Nov 2018 23:26

Tgt Ion: 128 Resp: 447054

Ion	Ratio	Lower	Upper
128	100		
64	45.7	36.2	54.2
130	32.4	26.0	39.0

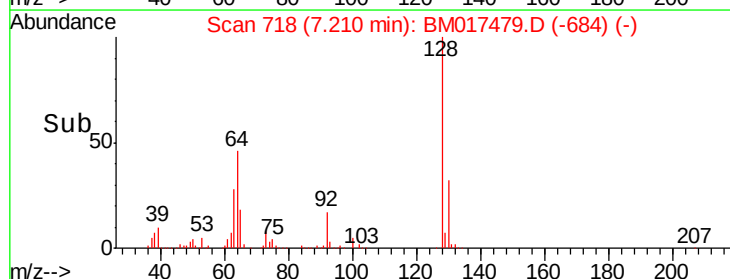
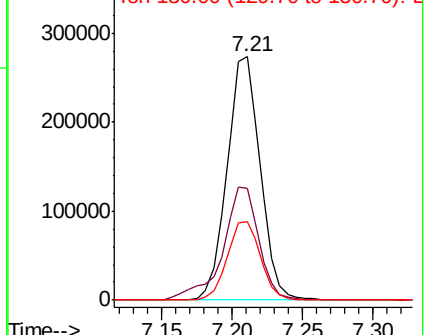


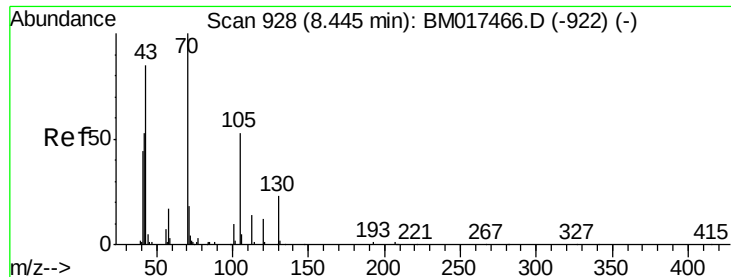
Abundance

Ion 128.00 (127.70 to 128.70): BM017466.D (-711) (-)

Ion 64.00 (63.70 to 64.70): BM017466.D (-711) (-)

Ion 130.00 (129.70 to 130.70): BM017466.D (-711) (-)

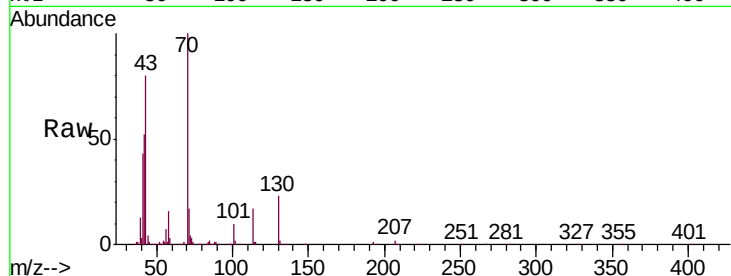




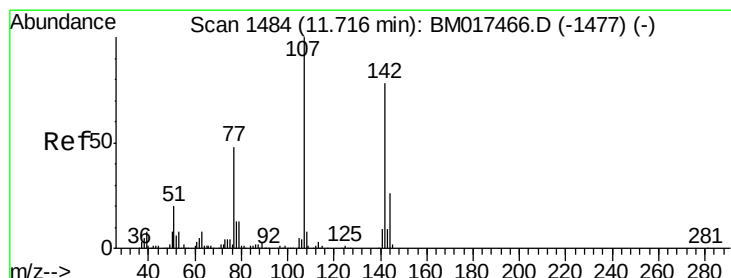
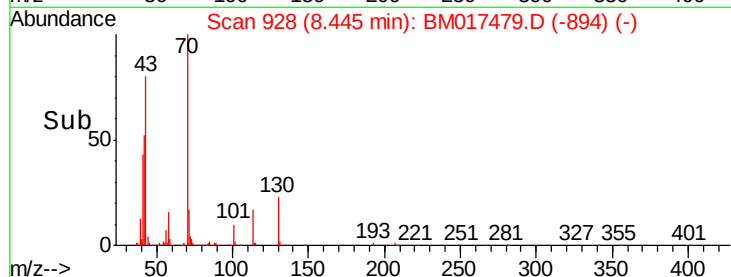
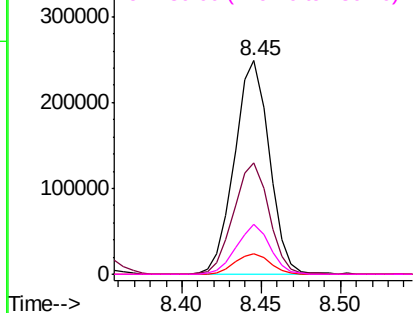
#15
N-Nitroso-di-n-propylamine
Concen: 32.998 ng/ul
RT: 8.45 min Scan# 928
Delta R.T. 0.00 min
Lab File: BM017479.D
Acq: 01 Nov 2018 23:26

Instrument :
BNA_M
ClientSampleId :
A40H7MS

Tgt Ion:	70	Resp:	380924
Ion	Ratio	Lower	Upper
70	100		
42	52.3	43.7	65.5
101	9.9	8.0	12.0
130	23.4	17.8	26.8

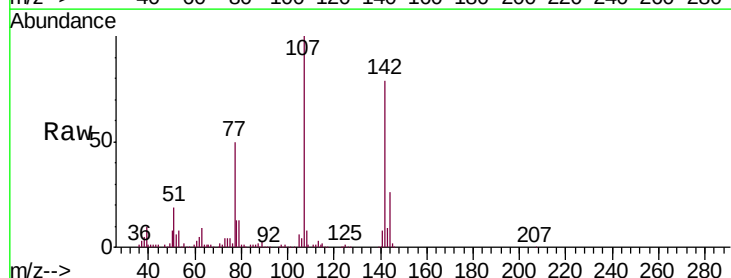


Abundance Ion 70.00 (69.70 to 70.70): BM017466.D (-922) (-)
Ion 42.00 (41.70 to 42.70): BM017466.D (-922) (-)
Ion 101.00 (100.70 to 101.70): BM017466.D (-922) (-)
Ion 130.00 (129.70 to 130.70): BM017466.D (-922) (-)

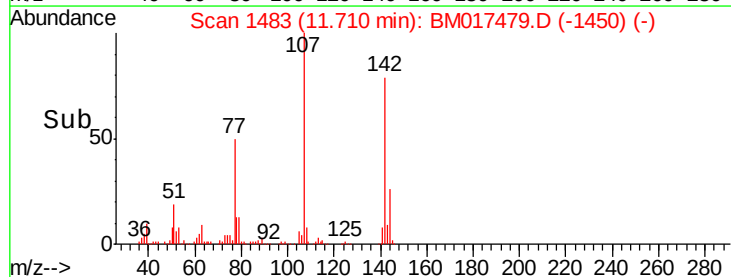
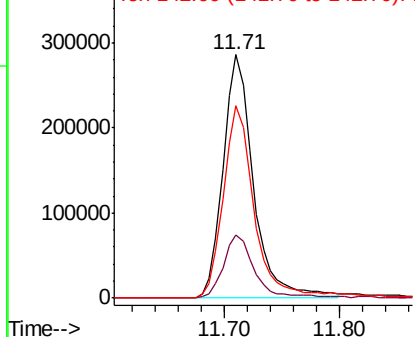


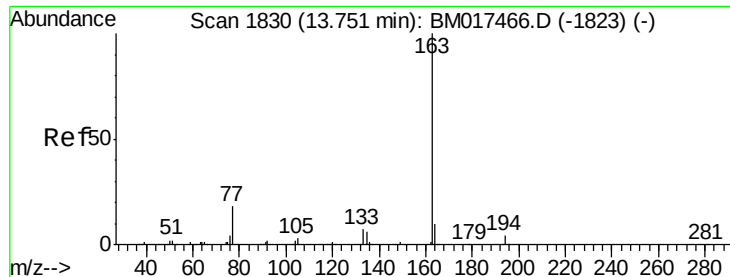
#33
4-Chloro-3-methylphenol
Concen: 30.128 ng/ul
RT: 11.71 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BM017479.D
Acq: 01 Nov 2018 23:26

Tgt Ion:	107	Resp:	526166
Ion	Ratio	Lower	Upper
107	100		
144	26.1	21.8	32.6
142	78.8	65.0	97.4



Abundance Ion 107.00 (106.70 to 107.70): BM017466.D (-1477) (-)
Ion 144.00 (143.70 to 144.70): BM017466.D (-1477) (-)
Ion 142.00 (141.70 to 142.70): BM017466.D (-1477) (-)





#45

Dimethylphthalate

Concen: 9.673 ng/ul

RT: 13.75 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BM017479.D

Acq: 01 Nov 2018 23:26

Instrument :

BNA_M

ClientSampleId :

A40H7MS

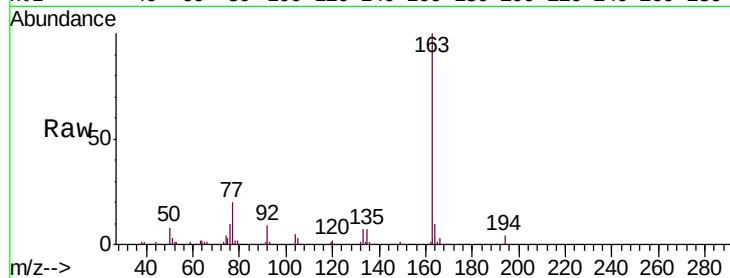
Tgt Ion:163 Resp: 498067

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

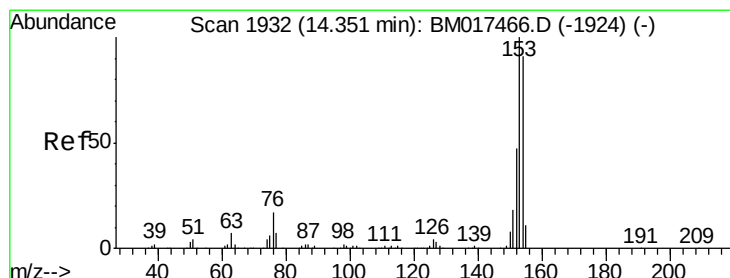
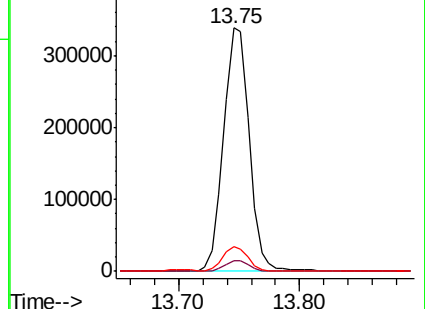
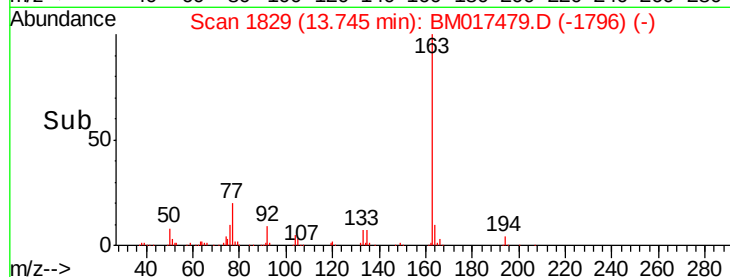
164 10.0 8.1 12.1



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: 30.788 ng/ul

RT: 14.35 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BM017479.D

Acq: 01 Nov 2018 23:26

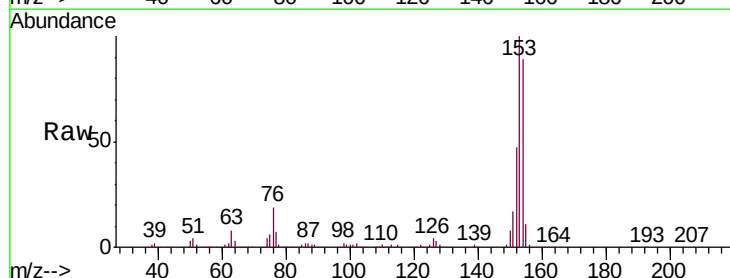
Tgt Ion:153 Resp: 1335024

Ion Ratio Lower Upper

153 100

152 46.6 36.9 55.3

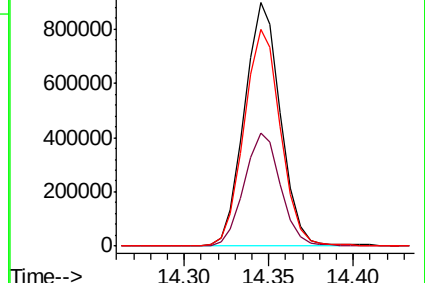
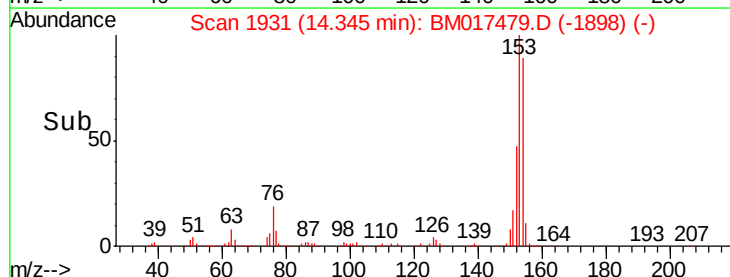
154 89.3 72.2 108.4

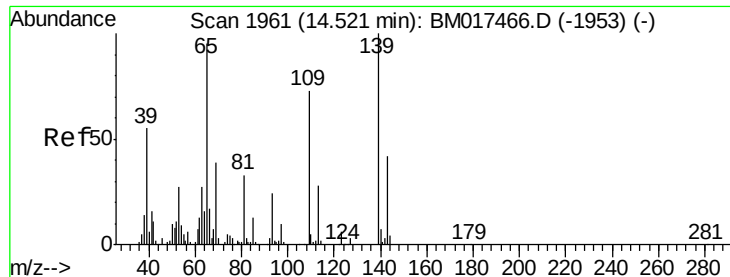


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 24.549 ng/ul

RT: 14.52 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BM017479.D

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Instrument :

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ClientSampleId :

A40H7MS

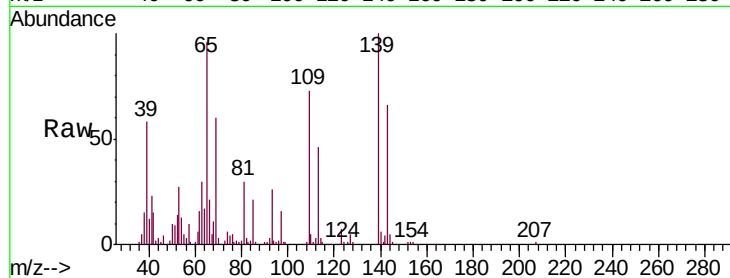
Tgt Ion:109 Resp: 184804

Ion Ratio Lower Upper

109 100

139 136.9 103.4 155.0

65 131.5 101.0 151.6

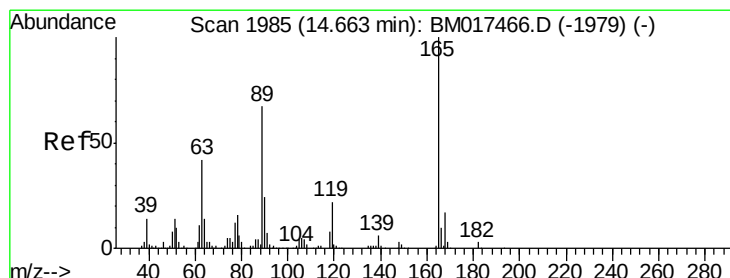
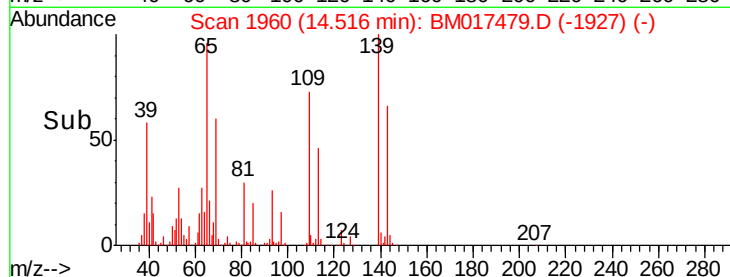
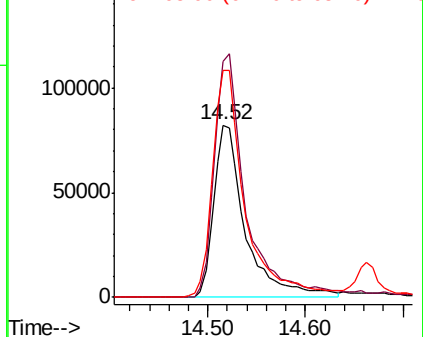


Abundance

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



#55

2,4-Dinitrotoluene

Concen: 31.586 ng/ul

RT: 14.66 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BM017479.D

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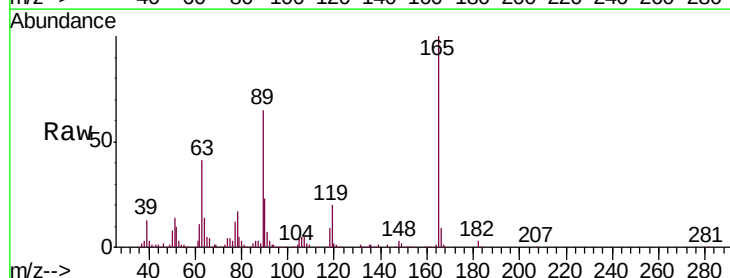
Tgt Ion:165 Resp: 486946

Ion Ratio Lower Upper

165 100

63 40.8 33.9 50.9

182 3.0 2.2 3.4

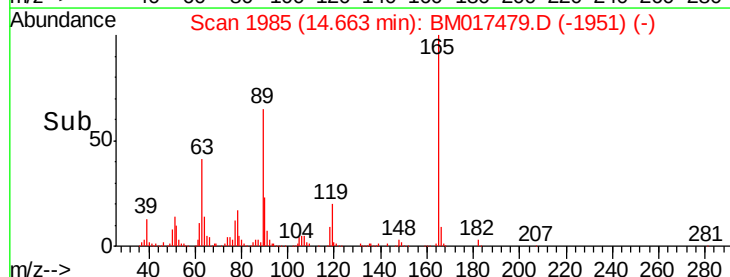
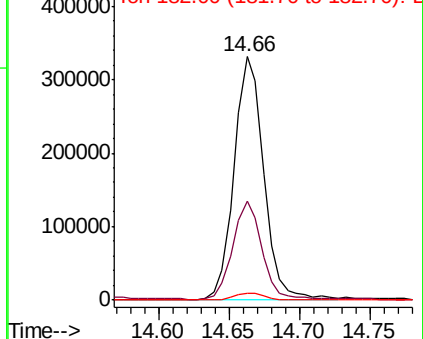


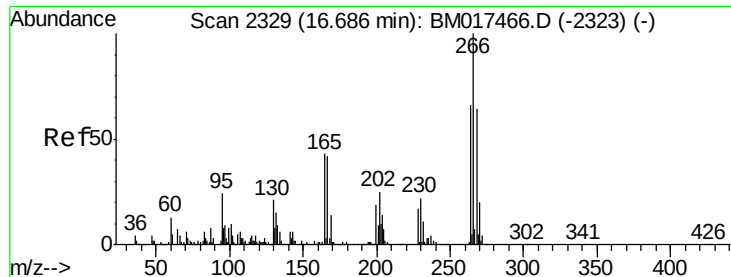
Abundance

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

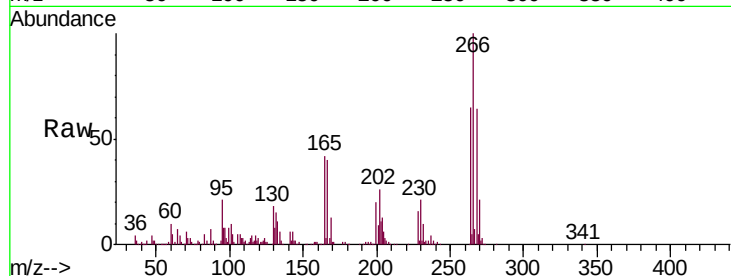




#69
 Pentachlorophenol
 Concen: 26.622 ng/ul
 RT: 16.69 min Scan# 2329
 Delta R.T. 0.00 min
 Lab File: BM017479.D
 Acq: 01 Nov 2018 23:26

Instrument :
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 ClientSampleId :
 A40H7MS

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.7	49.2	73.8
268	63.9	50.9	76.3

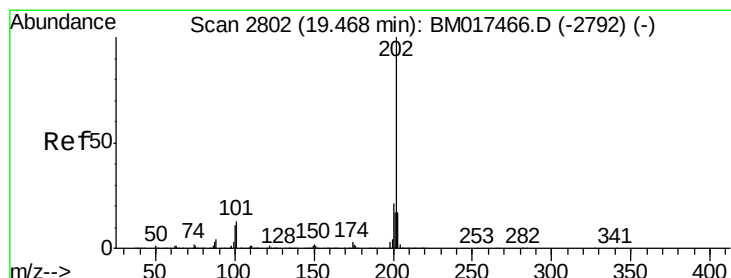
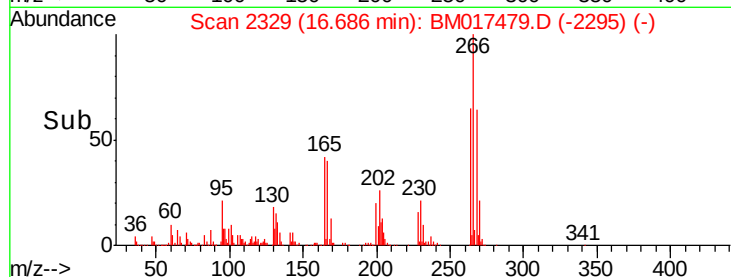
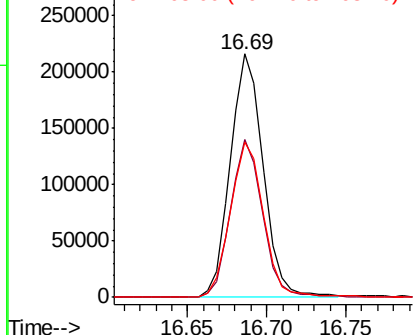


Abundance

Ion 265.70 (265.40 to 266.40): E

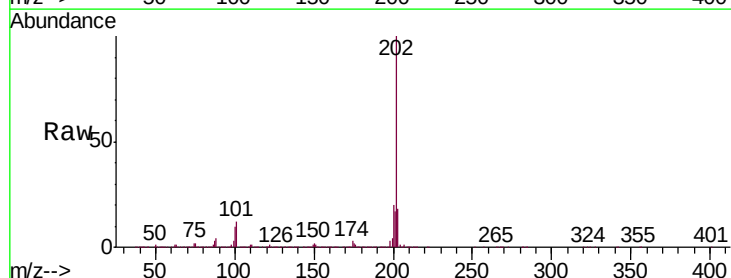
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 32.848 ng/ul
 RT: 19.47 min Scan# 2802
 Delta R.T. 0.00 min
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.5	14.3
100	10.4	8.1	12.1

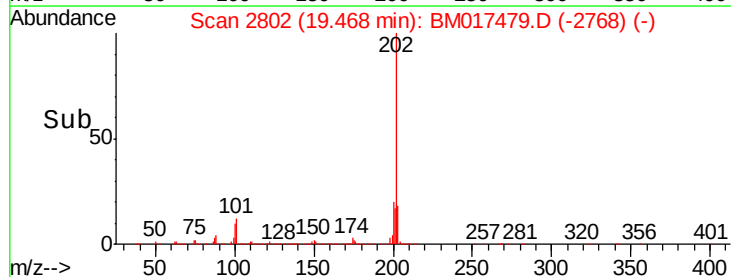
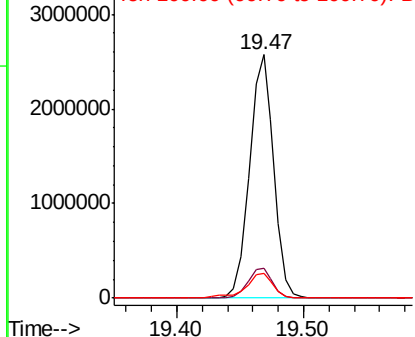


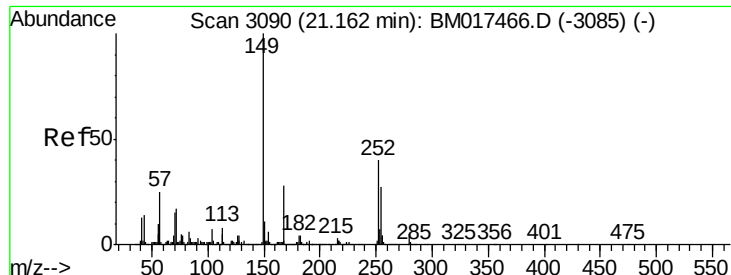
Abundance

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): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.378 ng/ul

RT: 21.16 min Scan# 3089

Delta R.T. -0.01 min

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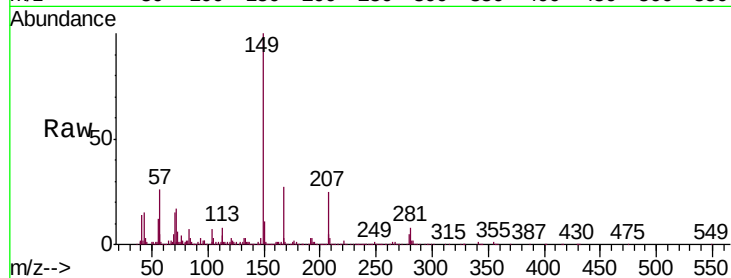
Tgt Ion:149 Resp: 263820

Ion Ratio Lower Upper

149 100

167 26.9 23.0 34.6

279 5.0 4.1 6.1



Abundance Ion 149.00 (148.70 to 149.70): E

300000

Ion 167.00 (166.70 to 167.70): E

200000

Ion 279.00 (278.70 to 279.70): E

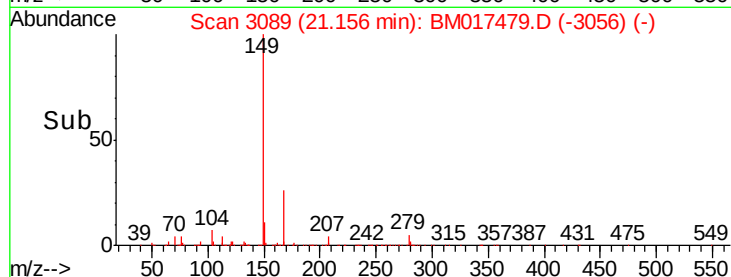
100000

0

21.10

21.15

21.20



Time--> 21.10 21.15 21.20