

Data File : BM017505.D
Acq On : 03 Nov 2018 00:14
Operator : MJ/SJ
Sample : J5704-26MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A40K3MSD

Quant Time: Nov 03 04:03:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 03 03:58:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	202283	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	780683	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	361471	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	693119	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	458178	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	360756	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	18396	4.18	ng/uL	0.00
5) Phenol-d5	6.81	99	349007	18.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	222273	20.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	293987	20.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	220229	15.07	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	131637	21.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	142234	20.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	249602	19.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	249982	24.09	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	628639	20.28	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	818996	21.76	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	74449	12.86	ng/ul	0.00
58) Fluorene-d10	15.27	176	550098	20.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	68938	14.27	ng/ul	0.00
71) Anthracene-d10	17.13	188	720855	21.01	ng/ul	0.00
79) Pyrene-d10	19.43	212	695676	32.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	422504	22.18	ng/ul	0.00

Target Compounds

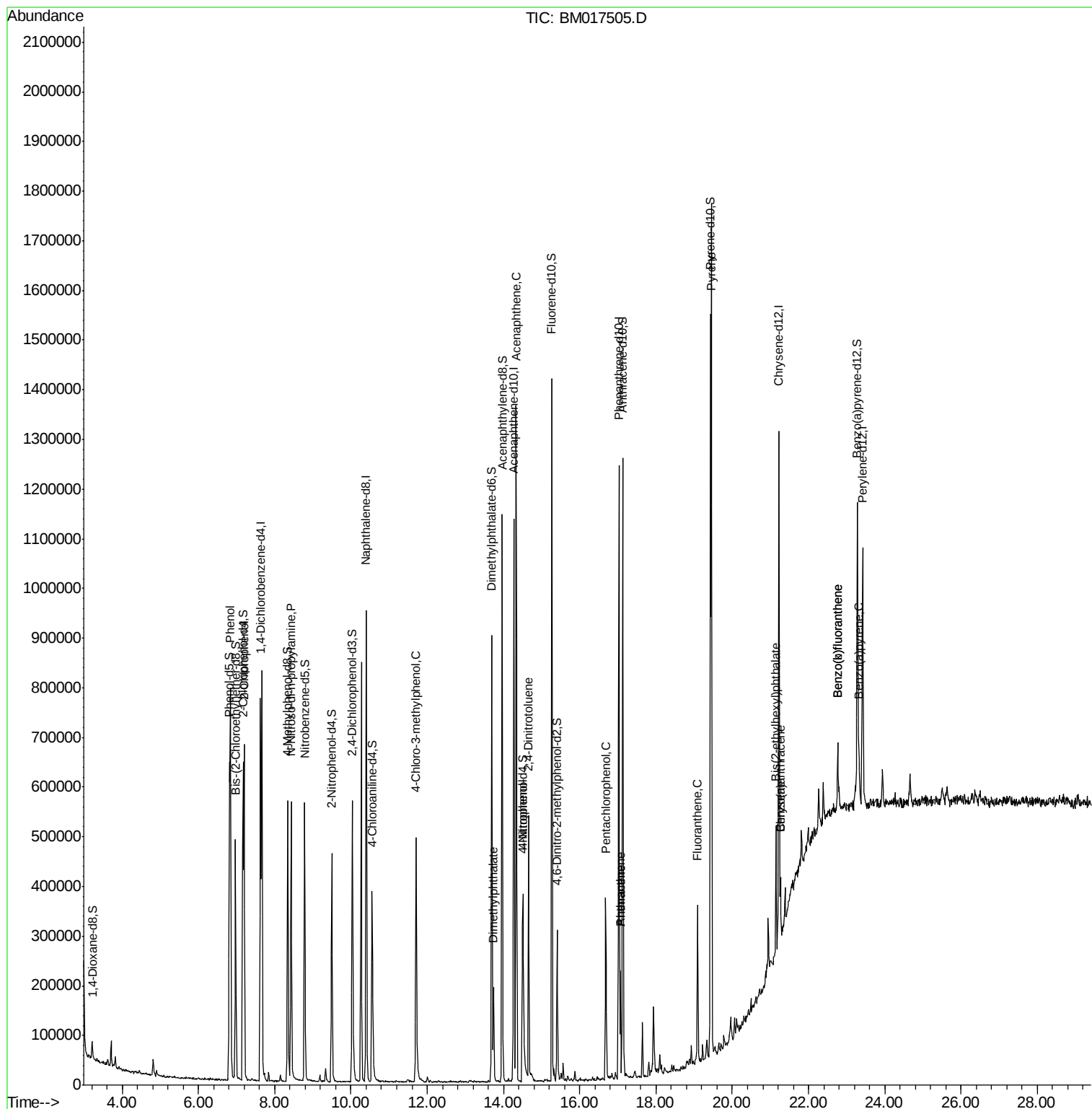
					Qvalue
6) Phenol	6.84	94	416480	22.699	ng/ul 97
10) 2-Chlorophenol	7.20	128	282167	19.607	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.43	70	193875	17.533	ng/ul 95
33) 4-Chloro-3-methylphenol	11.70	107	234964	17.548	ng/ul 93
45) Dimethylphthalate	13.74	163	120573	4.015	ng/ul 99
50) Acenaphthene	14.33	153	558842	22.095	ng/ul 97
53) 4-Nitrophenol	14.52	109	59564	13.565	ng/ul 94
55) 2,4-Dinitrotoluene	14.66	165	153677	17.090	ng/ul# 92
69) Pentachlorophenol	16.68	266	74362	13.560	ng/ul 98
70) Phenanthrene	17.07	178	125373	3.150	ng/ul 100
72) Anthracene	17.07	178	125373	3.101	ng/ul 99
77) Fluoranthene	19.09	202	175821	3.854	ng/ul 99
80) Pyrene	19.46	202	1021864	38.407	ng/ul 99
83) Benzo(a)anthracene	21.26	228	66085	2.357	ng/ul 95
84) Bis(2-ethylhexyl)phthalate	21.15	149	87238	5.620	ng/ul 100
85) Chrysene	21.26	228	67582	2.535	ng/ul 98
88) Benzo(b)fluoranthene	22.77	252	66461	3.147	ng/ul# 91
89) Benzo(k)fluoranthene	22.77	252	66461	3.222	ng/ul# 92
91) Benzo(a)pyrene	23.33	252	37914	1.838	ng/ul# 89

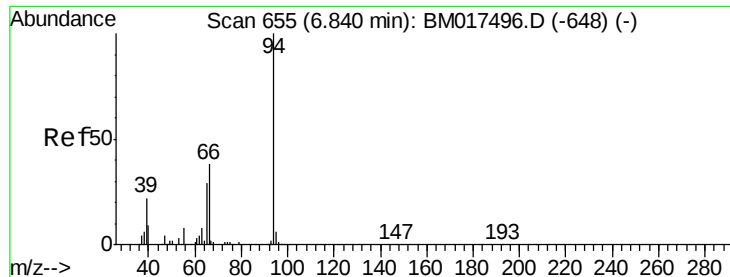
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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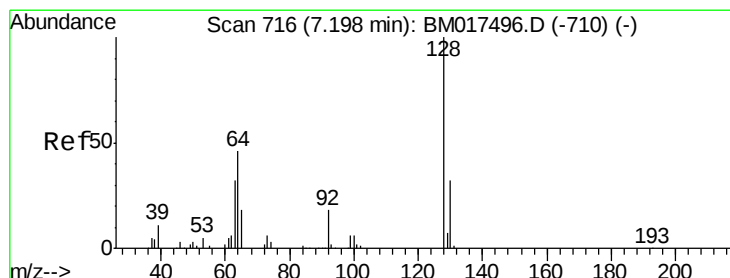
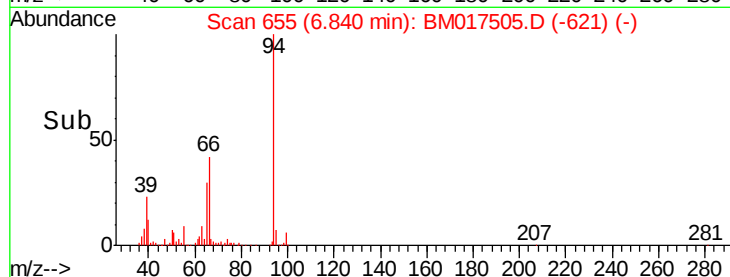
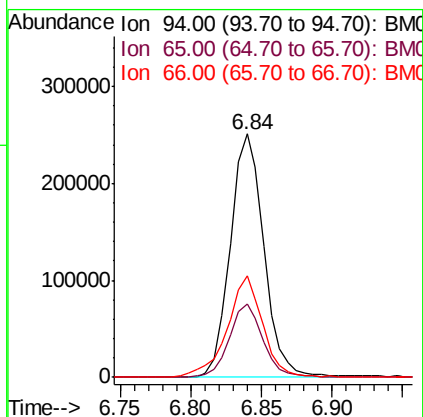
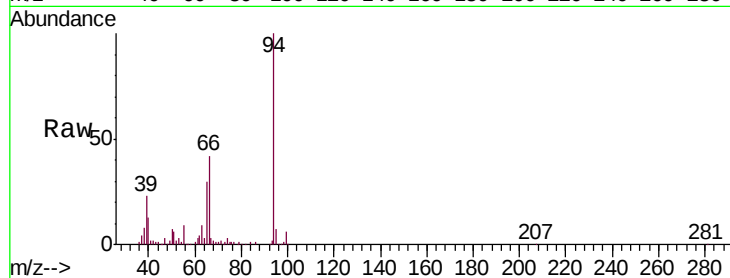
#6

Phenol

Concen: 22.699 ng/ul
 RT: 6.84 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BM017505.D
 Acq: 03 Nov 2018 00:14

Instrument :
 BNA_M
 ClientSampleId :
 A40K3MSD

Tgt Ion: 94 Resp: 416480
 Ion Ratio Lower Upper
 94 100
 65 30.3 24.0 36.0
 66 41.6 31.1 46.7

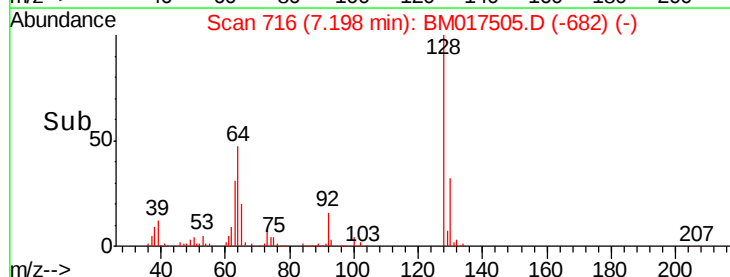
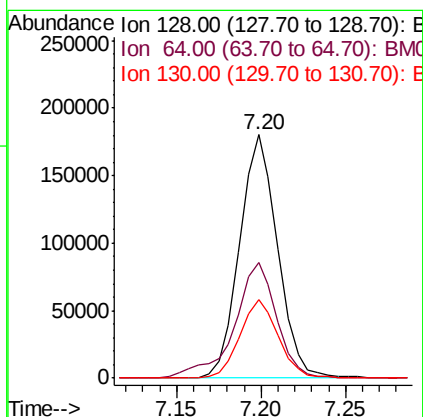
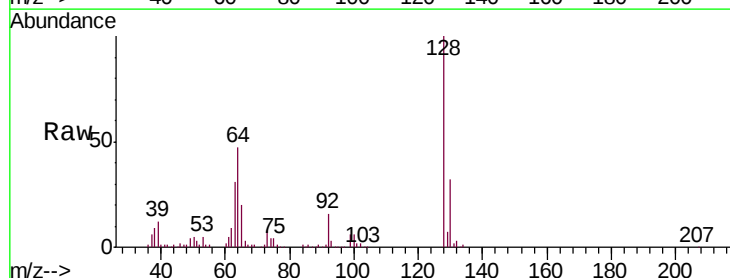


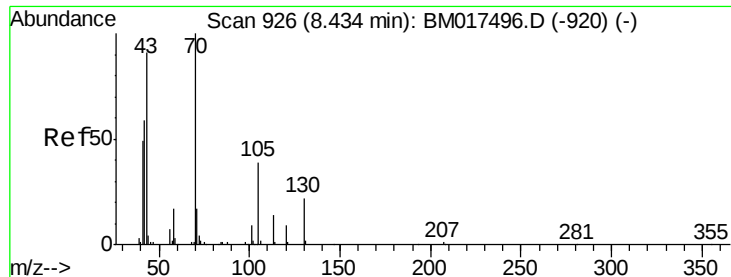
#10

2-Chlorophenol

Concen: 19.607 ng/ul
 RT: 7.20 min Scan# 716
 Delta R.T. -0.00 min
 Lab File: BM017505.D
 Acq: 03 Nov 2018 00:14

Tgt Ion: 128 Resp: 282167
 Ion Ratio Lower Upper
 128 100
 64 47.5 36.2 54.2
 130 32.1 26.0 39.0





#15

N-Nitroso-di-n-propylamine

Concen: 17.533 ng/ul

RT: 8.43 min Scan# 926

Delta R.T. -0.00 min

Lab File: BM017505.D

Acq: 03 Nov 2018 00:14

Instrument :

BNA_M

ClientSampleId :

A40K3MSD

Tgt Ion: 70 Resp: 193875

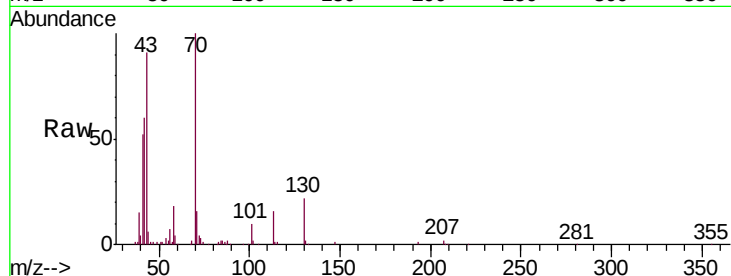
Ion Ratio Lower Upper

70 100

42 60.4 43.7 65.5

101 10.3 8.0 12.0

130 22.0 17.8 26.8

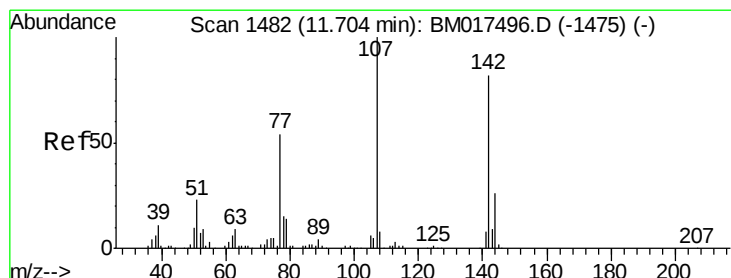
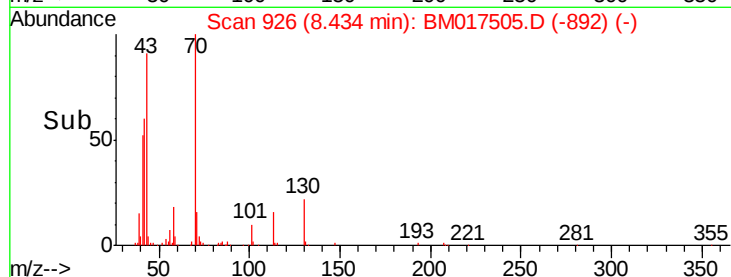
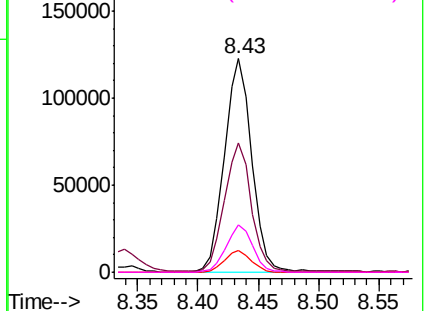


Abundance Ion 70.00 (69.70 to 70.70): BM017496.D (-920) (-)

Ion 42.00 (41.70 to 42.70): BM017496.D (-920) (-)

Ion 101.00 (100.70 to 101.70): BM017496.D (-920) (-)

Ion 130.00 (129.70 to 130.70): BM017496.D (-920) (-)



#33

4-Chloro-3-methylphenol

Concen: 17.548 ng/ul

RT: 11.70 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BM017505.D

Acq: 03 Nov 2018 00:14

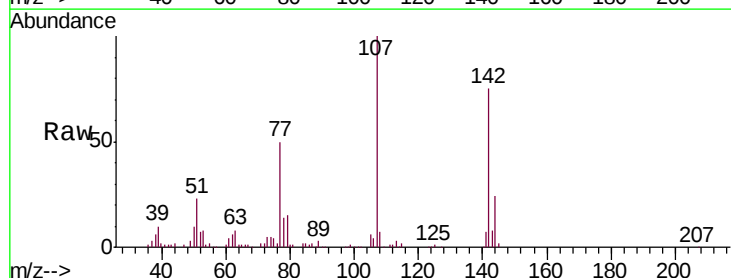
Tgt Ion: 107 Resp: 234964

Ion Ratio Lower Upper

107 100

144 24.3 21.8 32.6

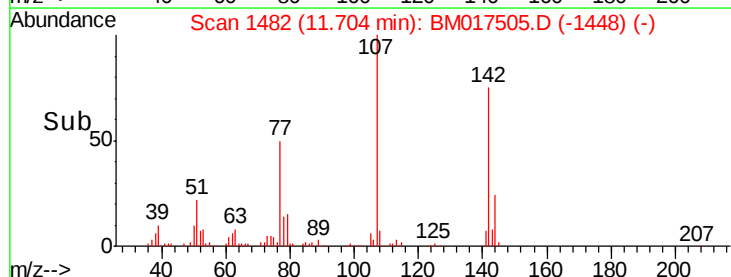
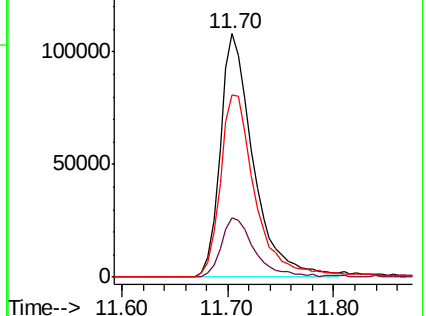
142 74.8 65.0 97.4

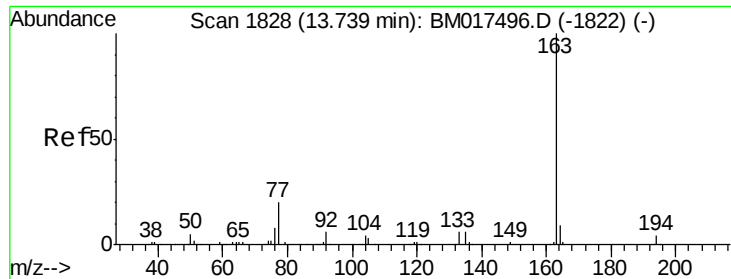


Abundance Ion 107.00 (106.70 to 107.70): BM017496.D (-1475) (-)

Ion 144.00 (143.70 to 144.70): BM017496.D (-1475) (-)

Ion 142.00 (141.70 to 142.70): BM017496.D (-1475) (-)





#45

Dimethylphthalate

Concen: 4.015 ng/ul

RT: 13.74 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BM017505.D

Acq: 03 Nov 2018 00:14

Instrument :

BNA_M

ClientSampleId :

A40K3MSD

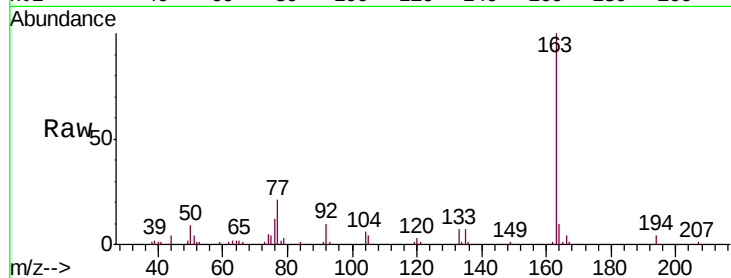
Tgt Ion:163 Resp: 120573

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

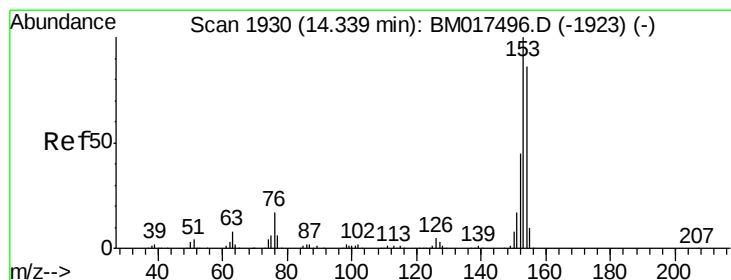
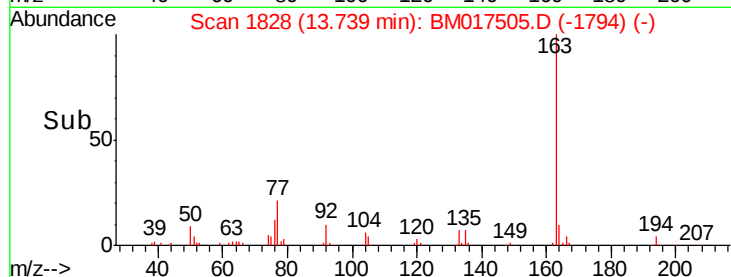
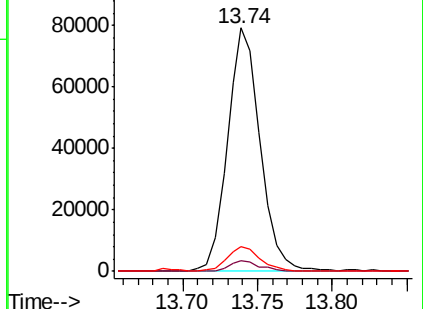
164 10.4 8.1 12.1



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: 22.095 ng/ul

RT: 14.33 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BM017505.D

Acq: 03 Nov 2018 00:14

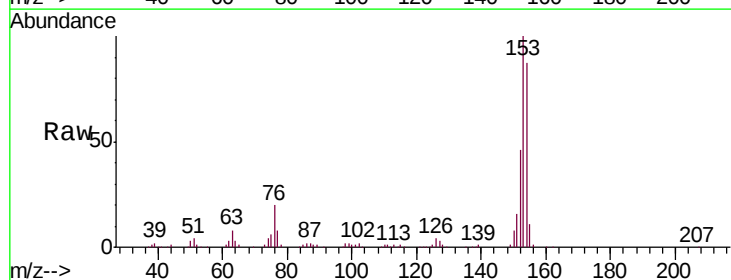
Tgt Ion:153 Resp: 558842

Ion Ratio Lower Upper

153 100

152 46.4 36.9 55.3

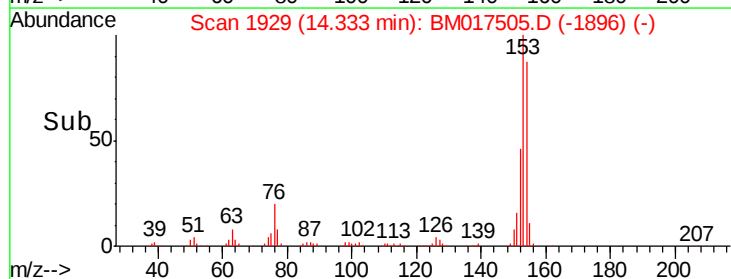
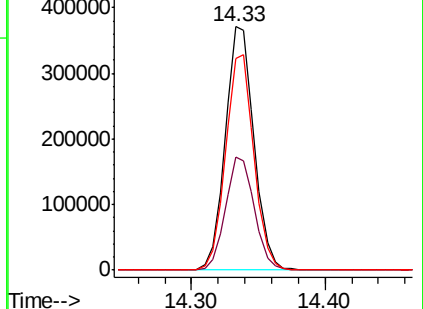
154 86.9 72.2 108.4

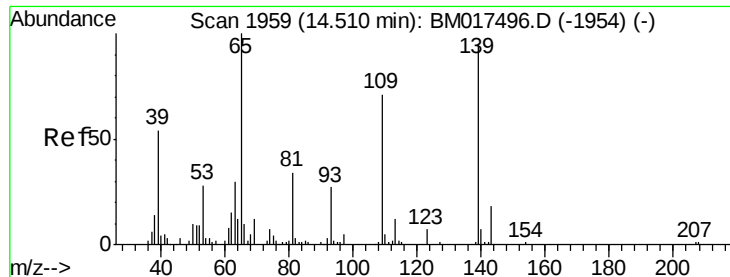


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

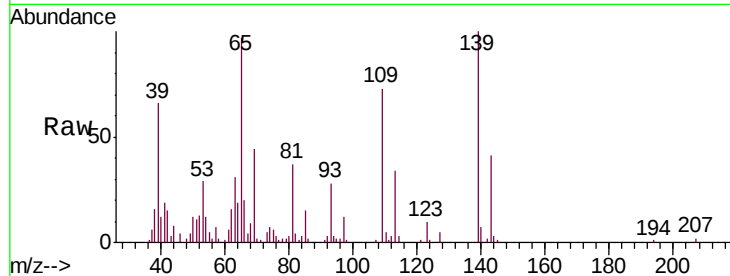




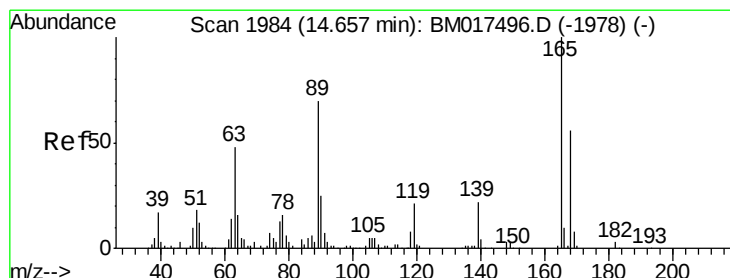
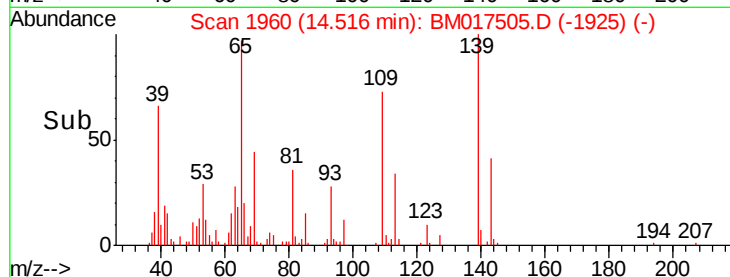
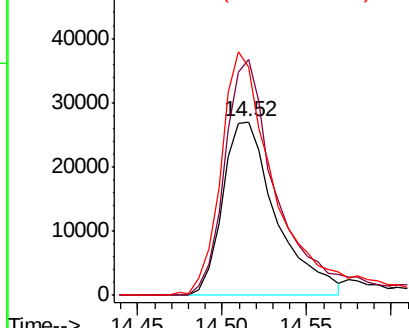
#53
4-Nitrophenol
Concen: 13.565 ng/ul
RT: 14.52 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BM017505.D
Acq: 03 Nov 2018 00:14

Instrument :
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ClientSampleId :
A40K3MSD

Tgt Ion:109 Resp: 59564
Ion Ratio Lower Upper
109 100
139 136.5 103.4 155.0
65 131.9 101.0 151.6

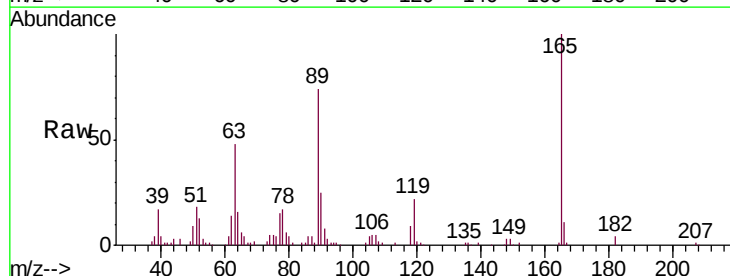


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM

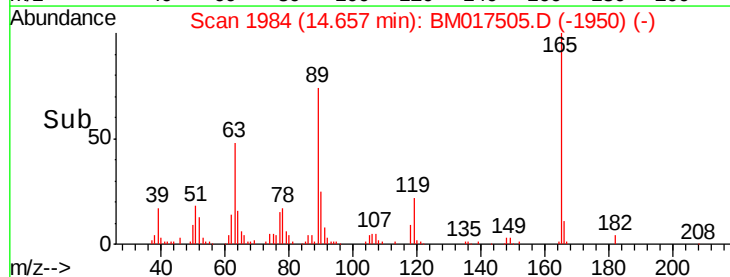
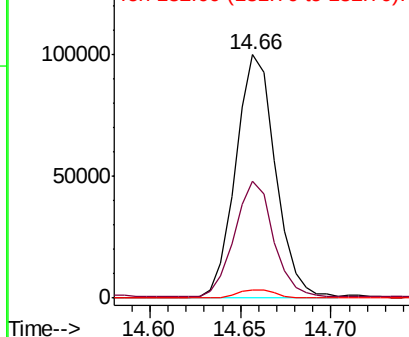


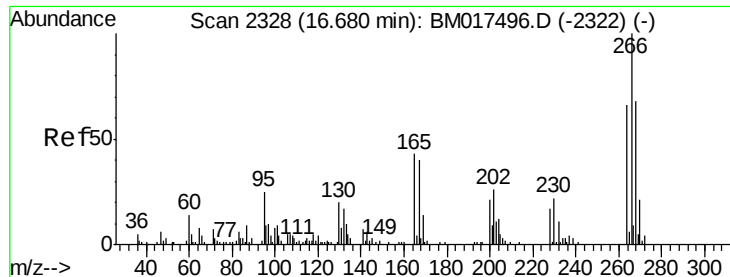
#55
2,4-Dinitrotoluene
Concen: 17.090 ng/ul
RT: 14.66 min Scan# 1984
Delta R.T. -0.00 min
Lab File: BM017505.D
Acq: 03 Nov 2018 00:14

Tgt Ion:165 Resp: 153677
Ion Ratio Lower Upper
165 100
63 48.0 33.9 50.9
182 3.6 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

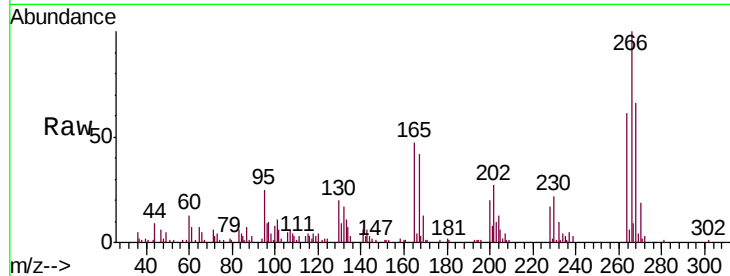




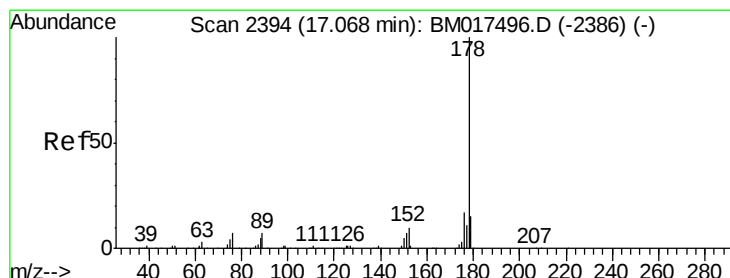
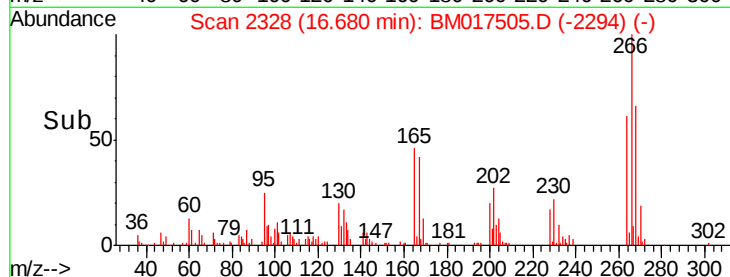
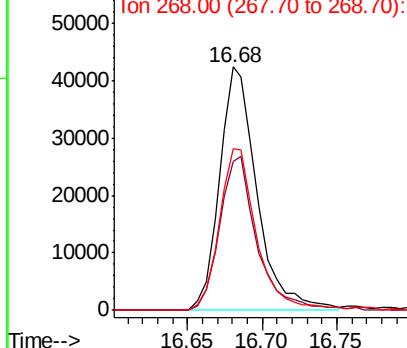
#69
 Pentachlorophenol
 Concen: 13.560 ng/ul
 RT: 16.68 min Scan# 2328
 Delta R.T. -0.00 min
 Lab File: BM017505.D
 Acq: 03 Nov 2018 00:14

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Tgt Ion:266 Resp: 74362
 Ion Ratio Lower Upper
 266 100
 264 61.1 49.2 73.8
 268 66.2 50.9 76.3

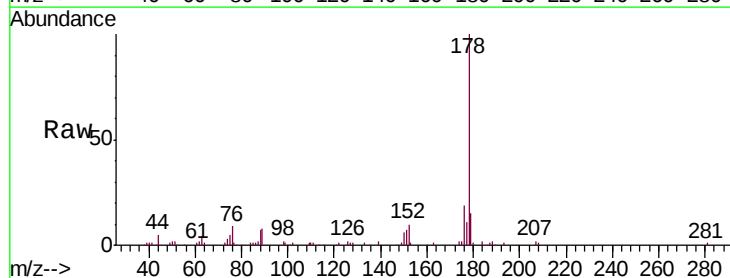


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

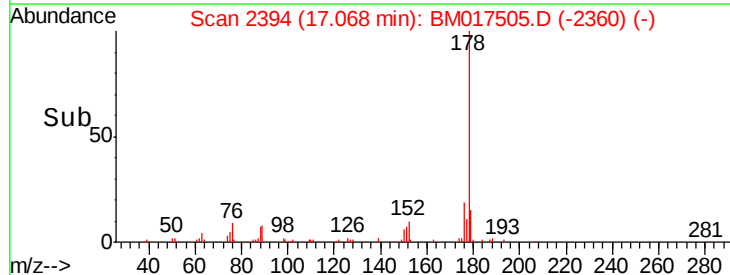
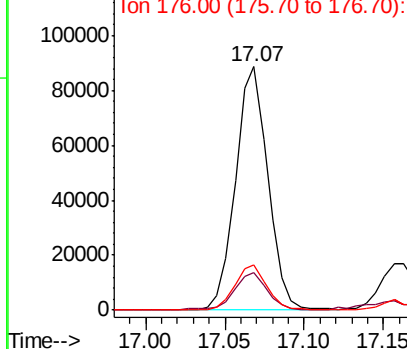


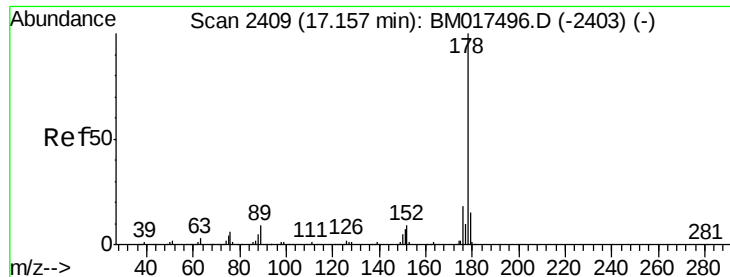
#70
 Phenanthrene
 Concen: 3.150 ng/ul
 RT: 17.07 min Scan# 2394
 Delta R.T. -0.00 min
 Lab File: BM017505.D
 Acq: 03 Nov 2018 00:14

Tgt Ion:178 Resp: 125373
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.2 18.2
 176 18.6 14.9 22.3



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

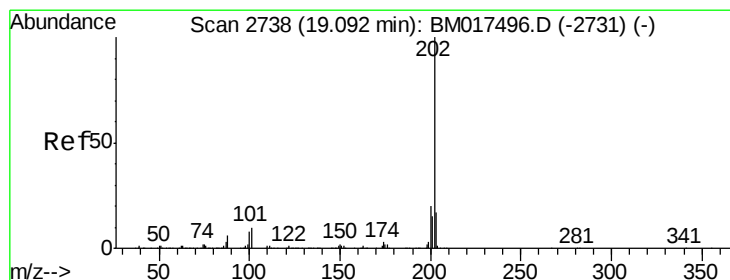
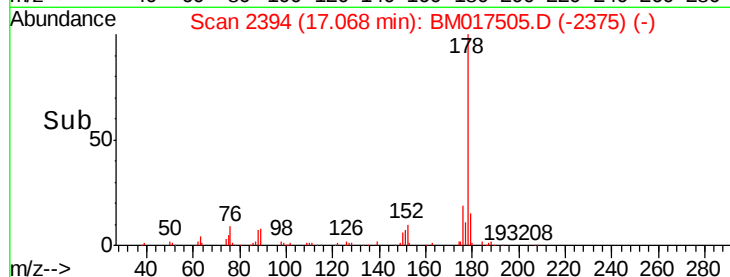
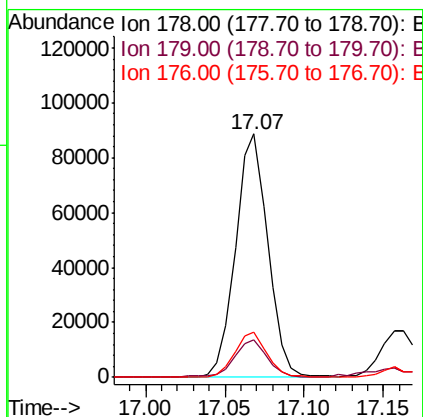
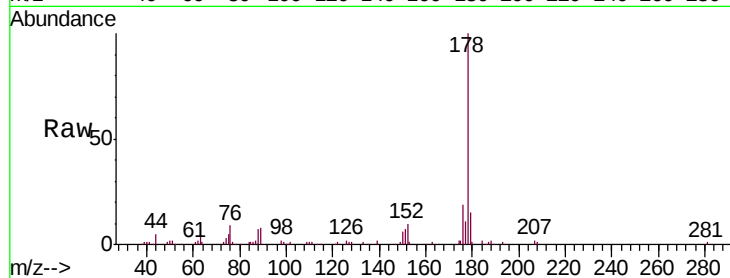




#72
 Anthracene
 Concen: 3.101 ng/ul
 RT: 17.07 min Scan# 2394
 Delta R.T. -0.09 min
 Lab File: BM017505.D
 Acq: 03 Nov 2018 00:14

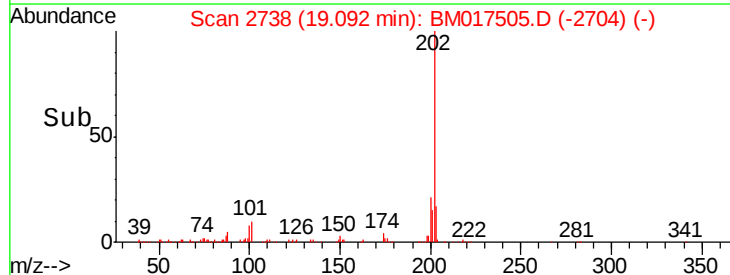
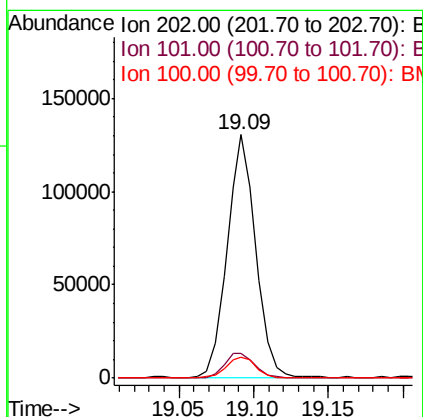
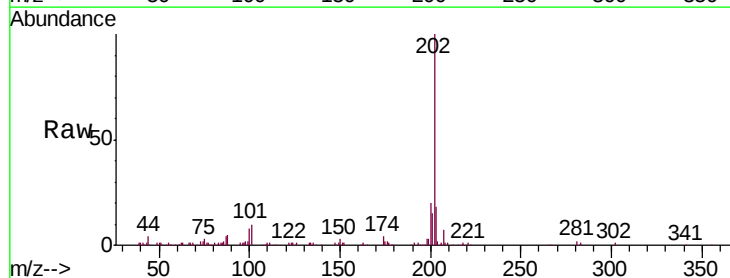
Instrument :
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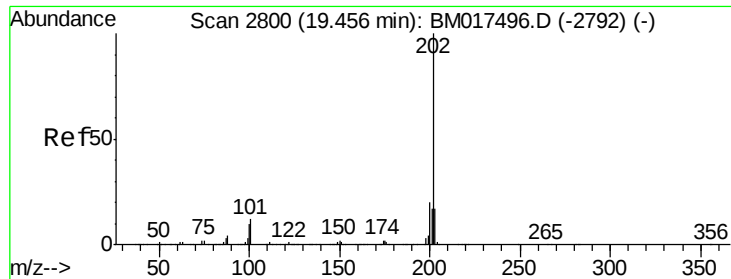
Tgt Ion:178 Resp: 125373
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.2 18.2
 176 18.6 14.2 21.2



#77
 Fluoranthene
 Concen: 3.854 ng/ul
 RT: 19.09 min Scan# 2738
 Delta R.T. -0.00 min
 Lab File: BM017505.D
 Acq: 03 Nov 2018 00:14

Tgt Ion:202 Resp: 175821
 Ion Ratio Lower Upper
 202 100
 101 10.4 8.2 12.4
 100 8.4 6.3 9.5

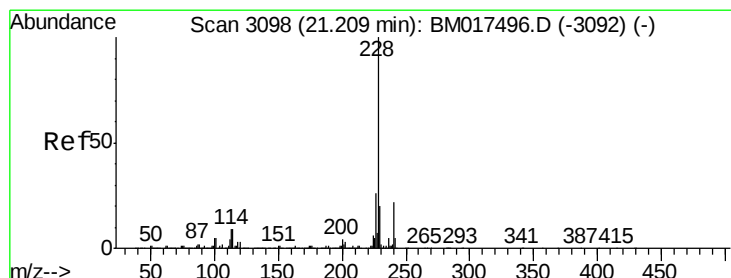
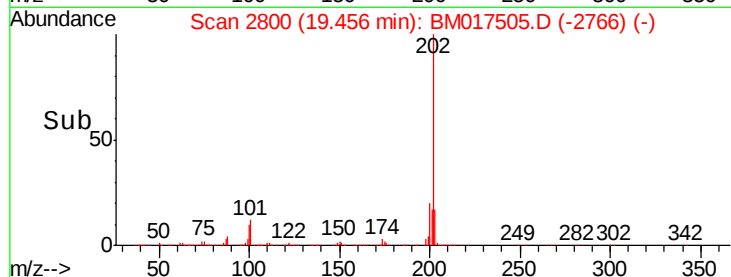
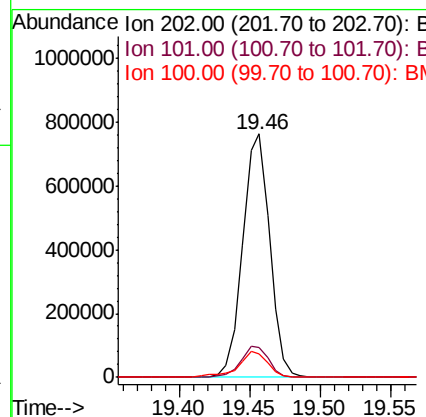
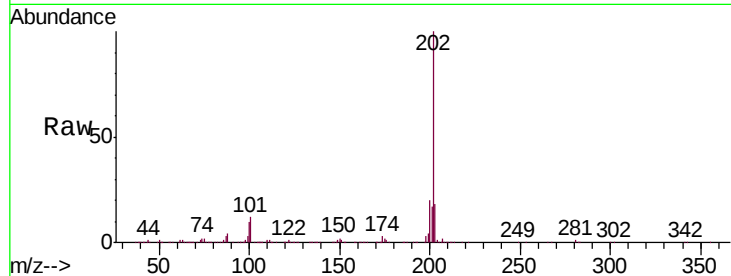




#80
 Pyrene
 Concen: 38.407 ng/ul
 RT: 19.46 min Scan# 2800
 Delta R.T. -0.00 min
 Lab File: BM017505.D
 Acq: 03 Nov 2018 00:14

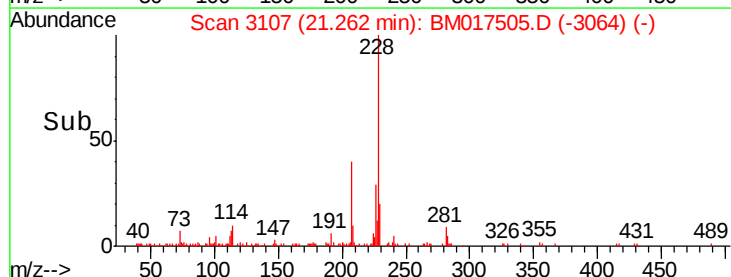
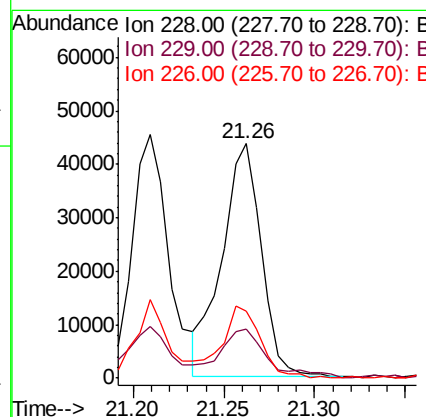
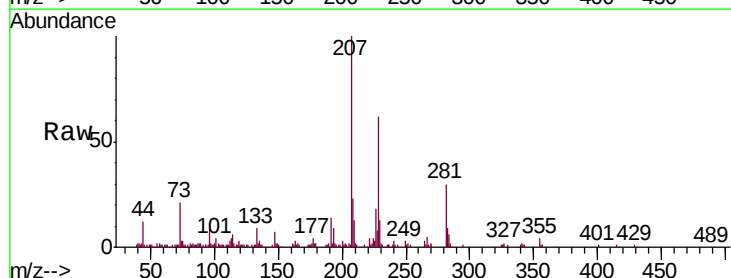
Instrument :
 BNA_M
 ClientSampleId :
 A40K3MSD

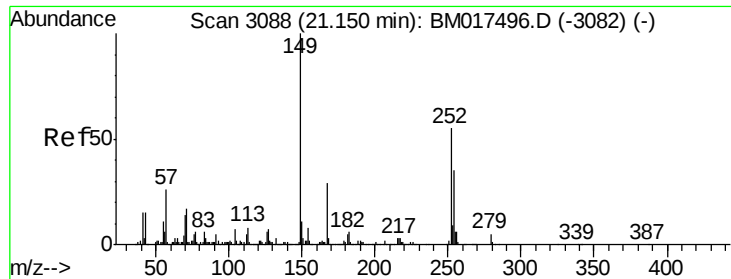
Tgt Ion:202 Resp: 1021864
 Ion Ratio Lower Upper
 202 100
 101 12.4 9.5 14.3
 100 9.9 8.1 12.1



#83
 Benzo(a)anthracene
 Concen: 2.357 ng/ul
 RT: 21.26 min Scan# 3107
 Delta R.T. 0.05 min
 Lab File: BM017505.D
 Acq: 03 Nov 2018 00:14

Tgt Ion:228 Resp: 66085
 Ion Ratio Lower Upper
 228 100
 229 21.1 15.6 23.4
 226 28.7 20.8 31.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 5.620 ng/ul

RT: 21.15 min Scan# 3088

Delta R.T. -0.00 min

Lab File: BM017505.D

Acq: 03 Nov 2018 00:14

Instrument :

BNA_M

ClientSampleId :

A40K3MSD

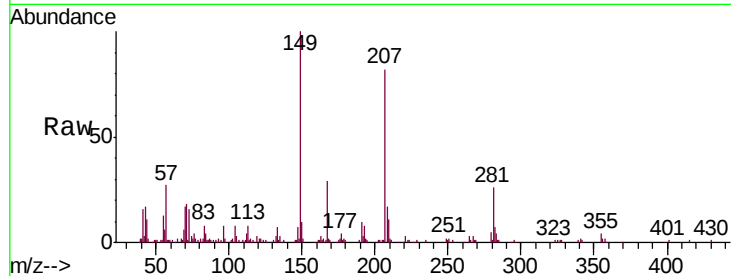
Tgt Ion:149 Resp: 87238

Ion Ratio Lower Upper

149 100

167 28.9 23.0 34.6

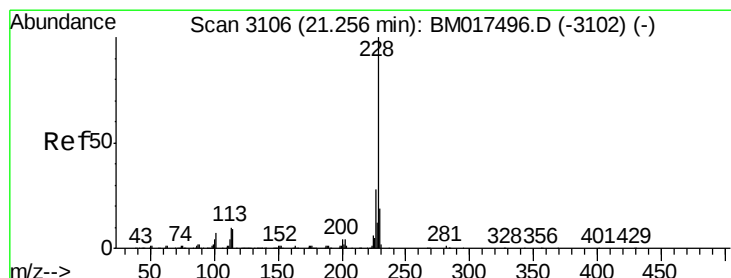
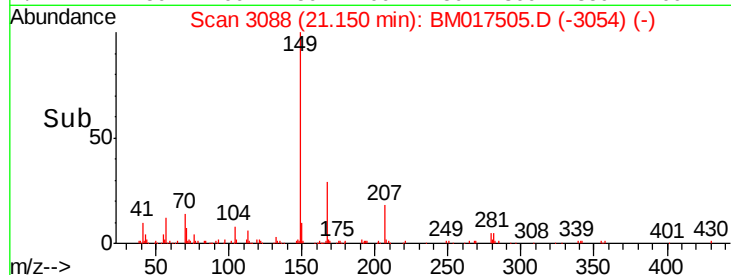
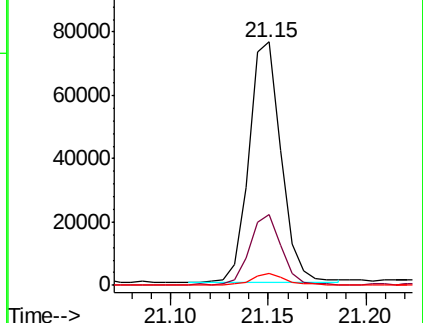
279 4.7 4.1 6.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 2.535 ng/ul

RT: 21.26 min Scan# 3107

Delta R.T. 0.01 min

Lab File: BM017505.D

Acq: 03 Nov 2018 00:14

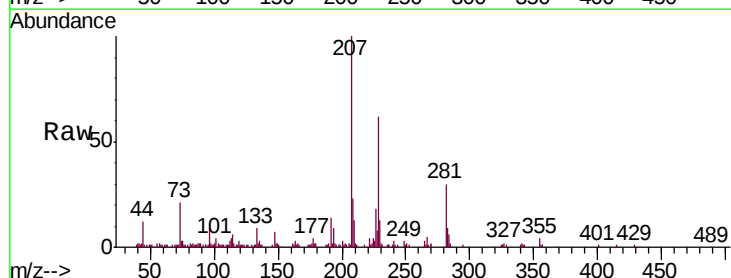
Tgt Ion:228 Resp: 67582

Ion Ratio Lower Upper

228 100

226 28.7 23.3 34.9

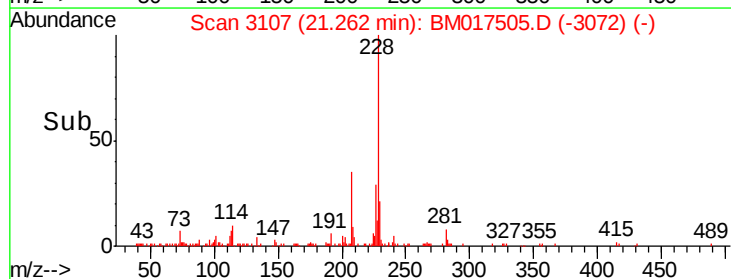
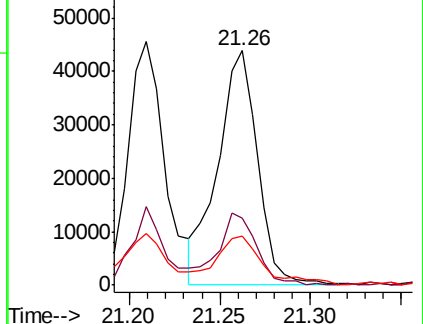
229 21.1 15.6 23.4

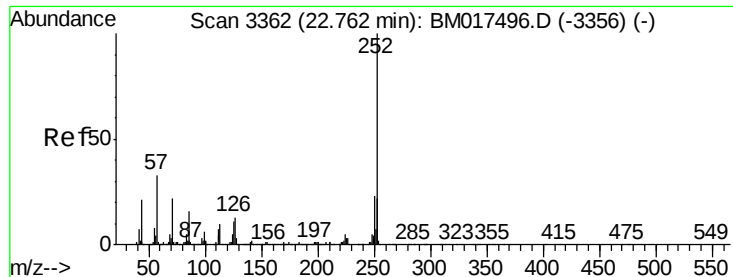


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 3.147 ng/ul

RT: 22.77 min Scan# 3363

Delta R.T. 0.01 min

Lab File: BM017505.D

Acq: 03 Nov 2018 00:14

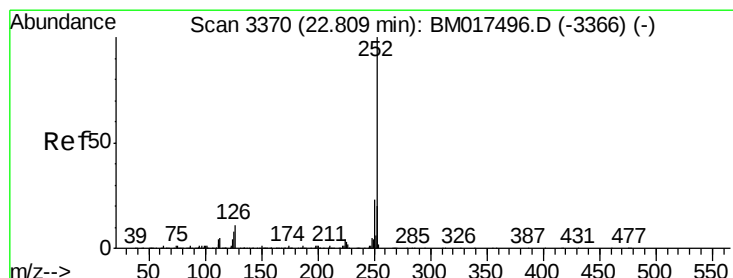
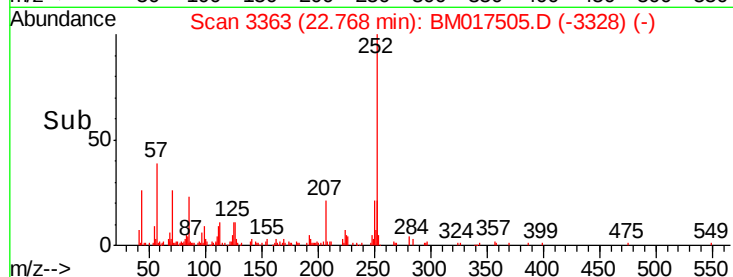
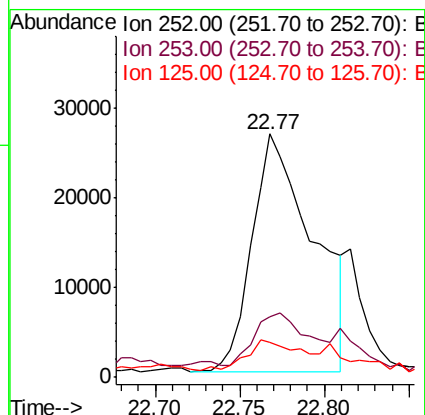
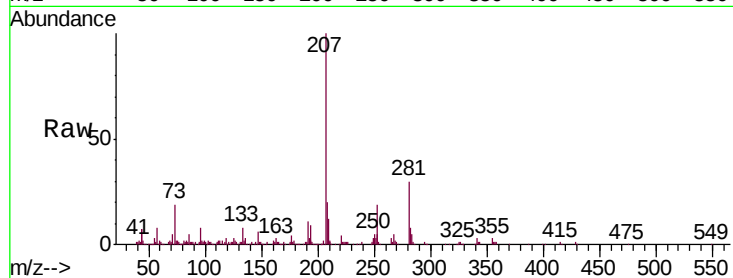
Instrument :

BNA_M

ClientSampleId :

A40K3MSD

Tgt Ion:	252	Resp:	66461
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.6	26.4
125	14.5	7.2	10.8#



#89

Benzo(k)fluoranthene

Concen: 3.222 ng/ul

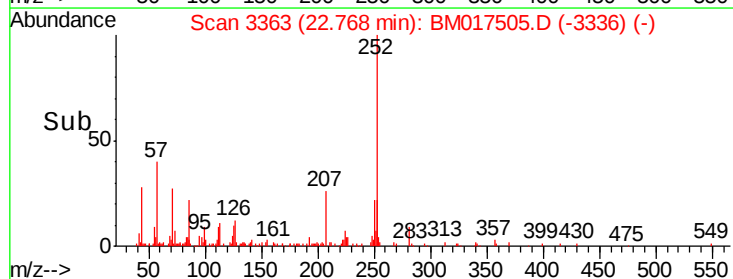
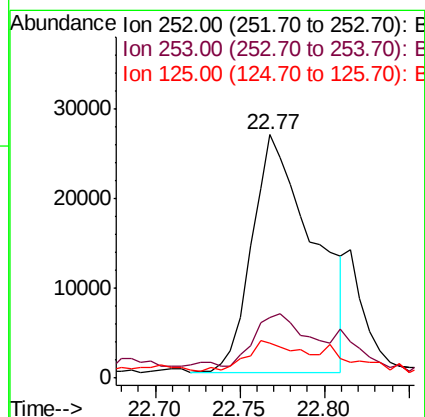
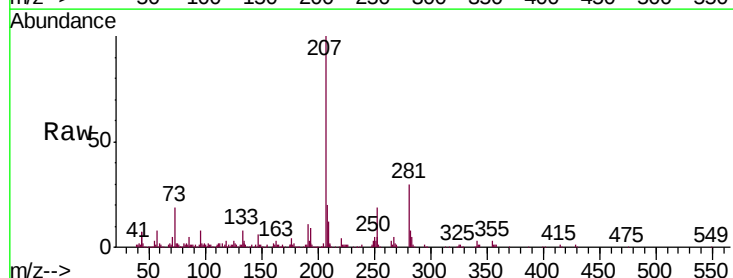
RT: 22.77 min Scan# 3363

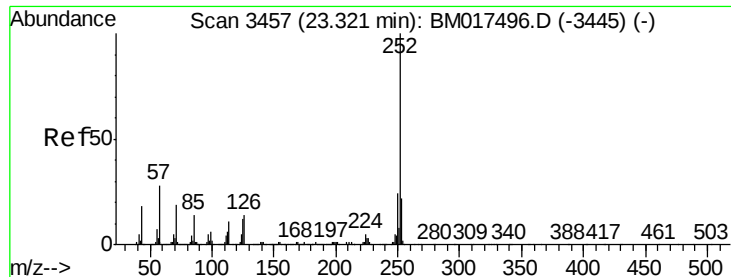
Delta R.T. -0.04 min

Lab File: BM017505.D

Acq: 03 Nov 2018 00:14

Tgt Ion:	252	Resp:	66461
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.7	26.5
125	14.5	7.8	11.6#





#91

Benzo(a)pyrene

Concen: 1.838 ng/ul

RT: 23.33 min Scan# 3458

Delta R.T. 0.01 min

Lab File: BM017505.D

Acq: 03 Nov 2018 00:14

Instrument :

BNA_M

ClientSampleId :

A40K3MSD

Tgt Ion: 252 Resp: 37914

Ion Ratio Lower Upper

252 100

253 28.5 17.6 26.4#

125 12.6 8.3 12.5#

