

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
 Data File : BM016858.D
 Acq On : 22 Sep 2018 07:21
 Operator : SJ/JU
 Sample : J5013-02DL 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 24 01:14:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 22 05:13:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	7430	20.00	ng/ul	0.07
18) Naphthalene-d8	0.00	136	0	0.00	ng/ul	-10.50
36) Acenaphthene-d10	0.00	164	0	0.00	ng/ul	-14.36
62) Phenanthrene-d10	17.20	188	394774	20.00	ng/ul	0.09
78) Chrysene-d12	21.29	240	1163	20.00	ng/ul	0.00
86) Perylene-d12	23.38	264	515424	20.00	ng/ul	-0.15

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	9573	55.10	ng/uL	0.00
5) Phenol-d5	6.89	99	26486	42.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	82559	212.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	84635	165.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	54670	112.74	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	52133	0.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	49897	0.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	93386	0.00	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	316092	0.00	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	369354	0.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	6823	0.00	ng/ul	0.00
58) Fluorene-d10	15.35	176	275056	0.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	24035	14.83	ng/ul	0.00
71) Anthracene-d10	17.39	188	401	0.02	ng/ul	0.18
79) Pyrene-d10	19.50	212	457015	8098.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.38	264	504346	18.76	ng/ul	0.00

Target Compounds

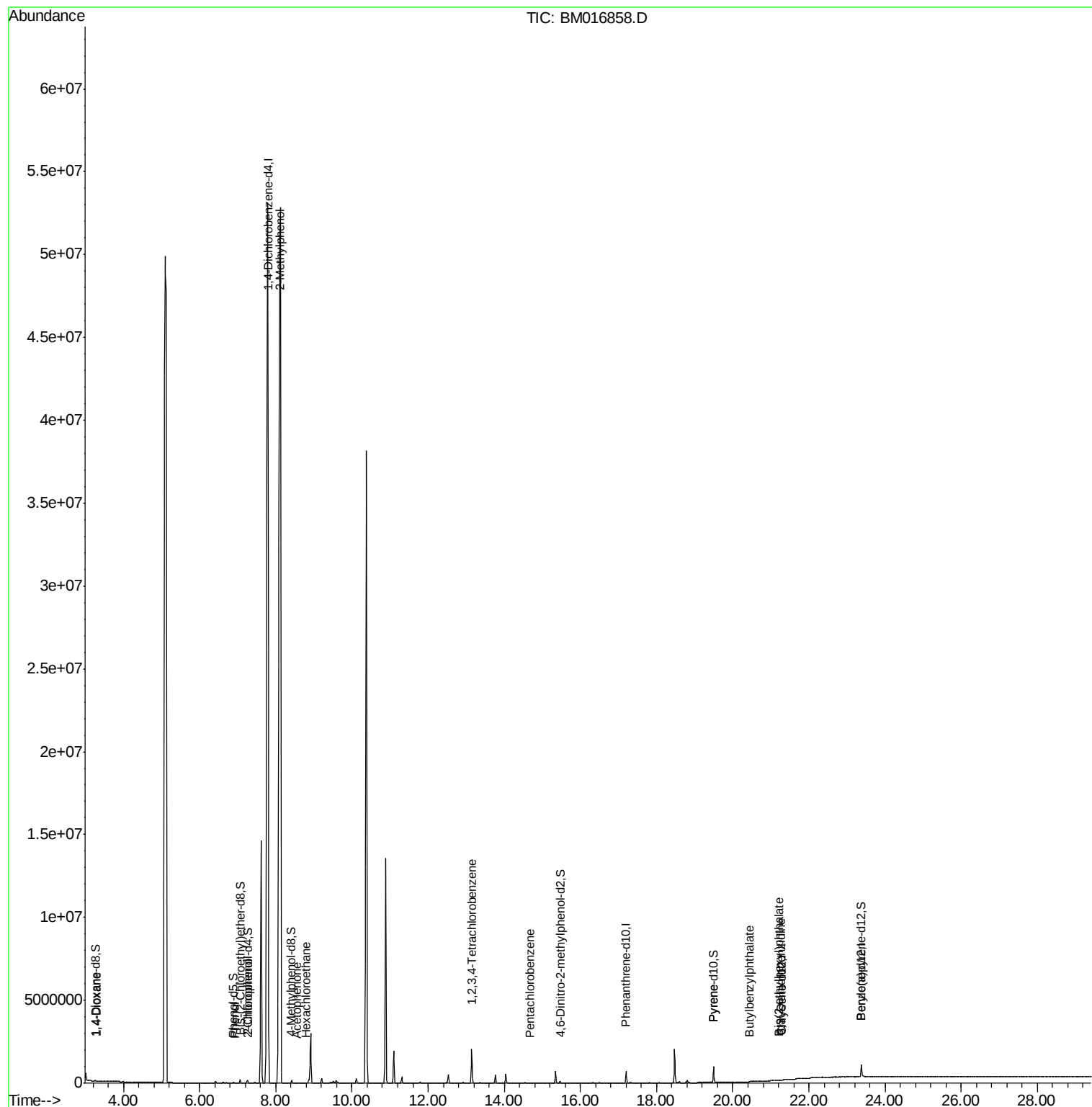
				Ovalue	
2) 1,4-Dioxane	3.30	88	623	3.446	ng/uL# 29
6) Phenol	6.92	94	1016	1.624	ng/ul# 41
10) 2-Chlorophenol	7.28	128	554	1.078	ng/ul# 49
11) 2-Methylphenol	8.12	108	391933	835.963	ng/ul 100
14) Acetophenone	8.54	105	2072	2.757	ng/ul# 71
17) Hexachloroethane	8.79	117	1779	8.817	ng/ul# 75
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	619261	94.778	ng/uL 98
74) Pentachlorobenzene	14.67	250	6257	1.062	ng/uL 88
80) Pyrene	19.50	202	459	6.428	ng/ul# 1
81) Butylbenzylphthalate	20.44	149	704	26.657	ng/ul# 26
82) 3,3'-Dichlorobenzidine	21.26	252	143	6.207	ng/ul# 24
84) Bis(2-ethylhexyl)phthalate	21.22	149	255	6.144	ng/ul# 52

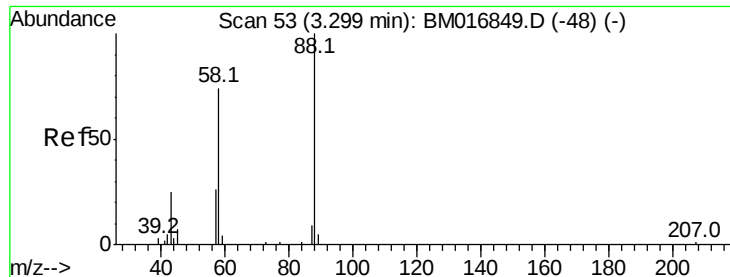
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 3.446 ng/uL

RT: 3.30 min Scan# 54

Delta R.T. 0.01 min

Lab File: BM016858.D

Acq: 22 Sep 2018 07:21

Instrument :

BNA_M

ClientSampleId :

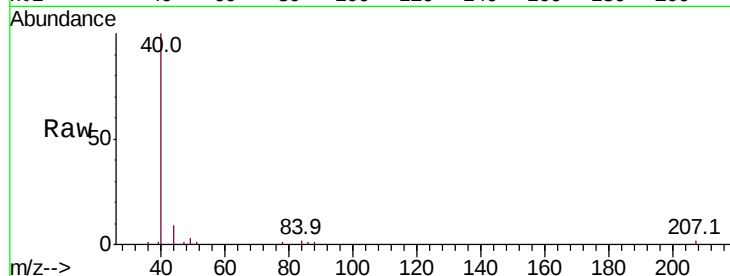
Tot Ion: 88 Resp: 623

Ion Ratio Lower Upper

88 100

43 0.0 29.0 43.4#

58 0.0 45.9 68.9#



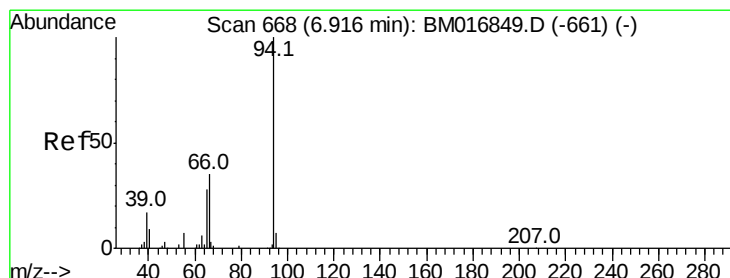
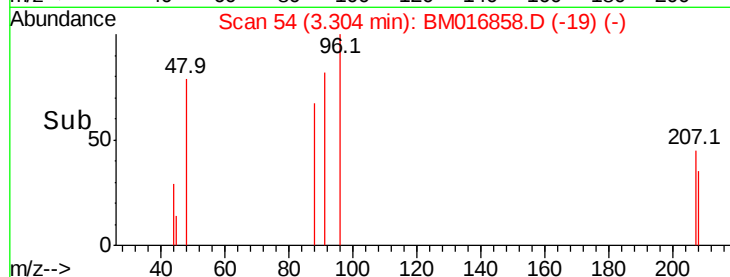
Abundance Ion 88.00 (87.70 to 88.70): BM016849.D (-48) (-)

Ion 43.00 (42.70 to 43.70): BM016849.D (-48) (-)

Ion 58.00 (57.70 to 58.70): BM016849.D (-48) (-)

3.30

Time-->



#6

Phenol

Concen: 1.624 ng/uL

RT: 6.92 min Scan# 669

Delta R.T. 0.01 min

Lab File: BM016858.D

Acq: 22 Sep 2018 07:21

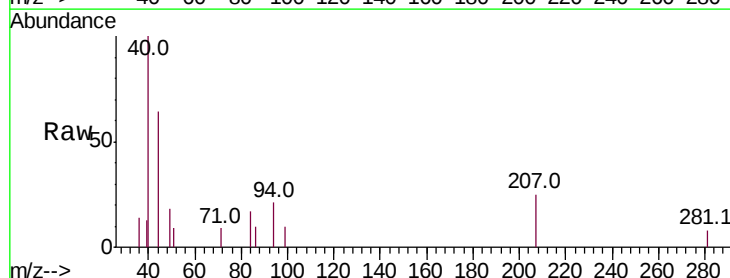
Tgt Ion: 94 Resp: 1016

Ion Ratio Lower Upper

94 100

65 0.0 23.0 34.6#

66 0.0 30.4 45.6#



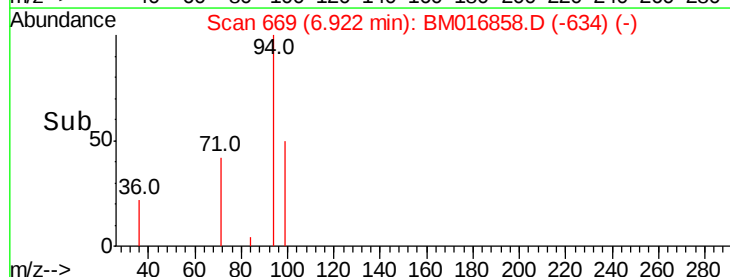
Abundance Ion 94.00 (93.70 to 94.70): BM016849.D (-661) (-)

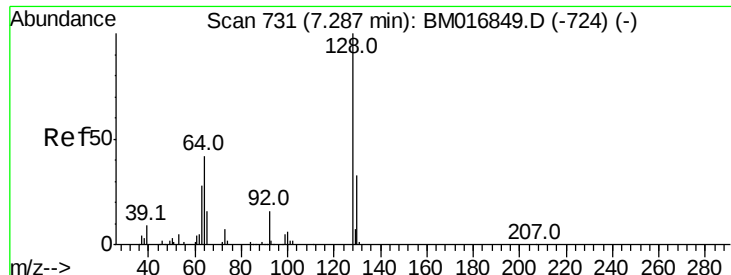
Ion 65.00 (64.70 to 65.70): BM016849.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM016849.D (-661) (-)

6.92

Time-->

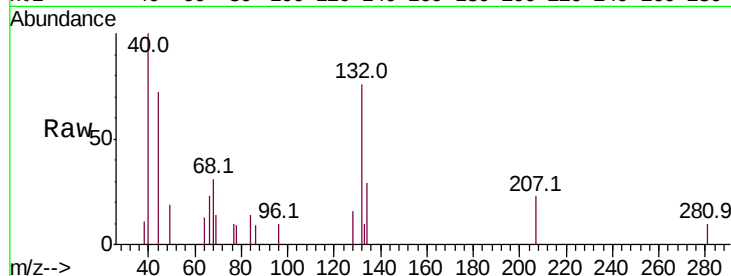




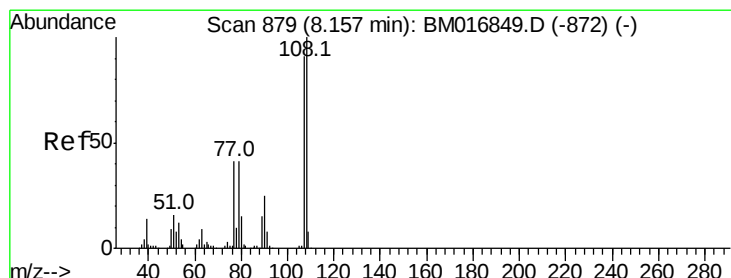
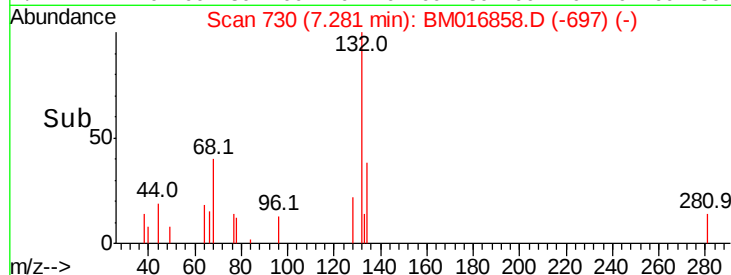
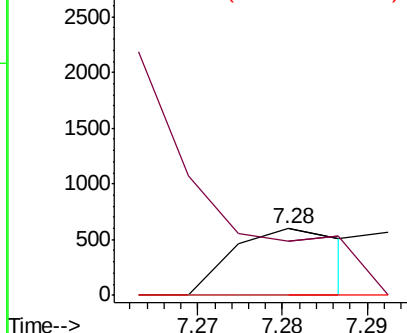
#10
2-Chlorophenol
Concen: 1.078 ng/ul
RT: 7.28 min Scan# 730
Delta R.T. -0.01 min
Lab File: BM016858.D
Acq: 22 Sep 2018 07:21

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 554
Ion Ratio Lower Upper
128 100
64 82.0 39.8 59.6#
130 0.0 25.8 38.8#

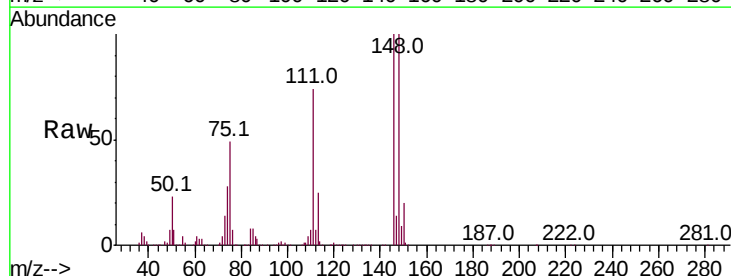


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BM
Ion 130.00 (129.70 to 130.70): E

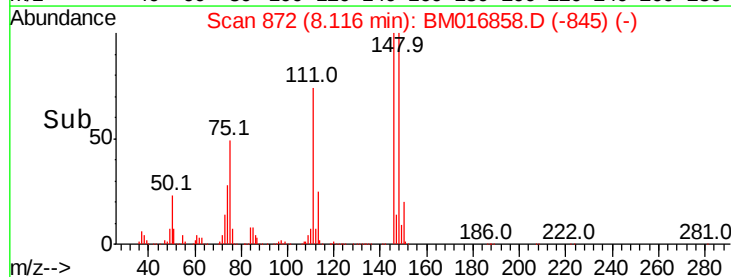
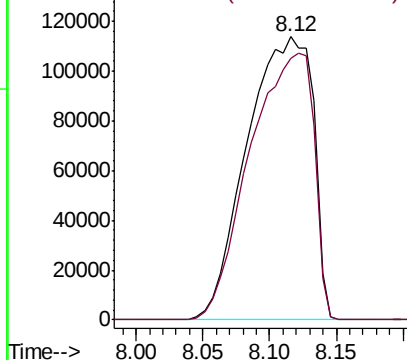


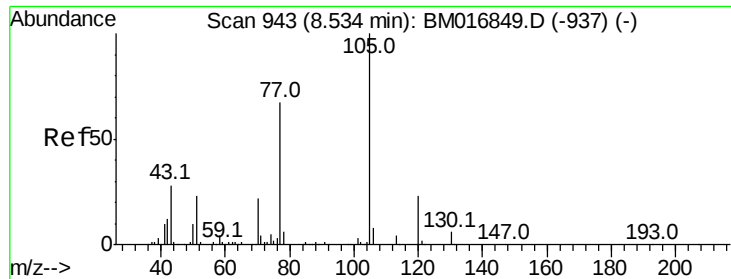
#11
2-Methylphenol
Concen: 835.963 ng/ul
RT: 8.12 min Scan# 872
Delta R.T. -0.04 min
Lab File: BM016858.D
Acq: 22 Sep 2018 07:21

Tgt Ion:108 Resp: 391933
Ion Ratio Lower Upper
108 100
107 92.5 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

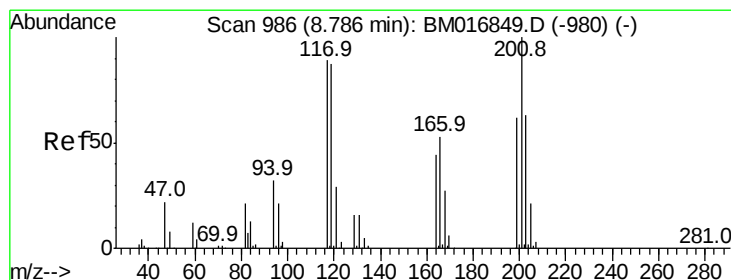
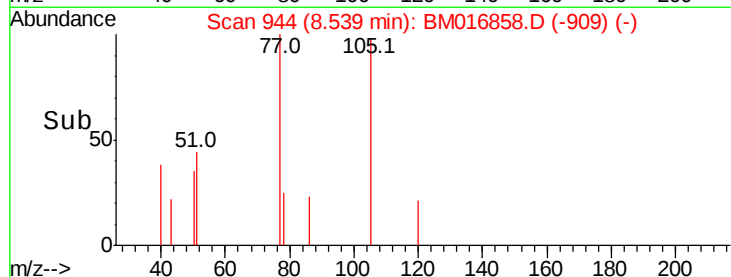
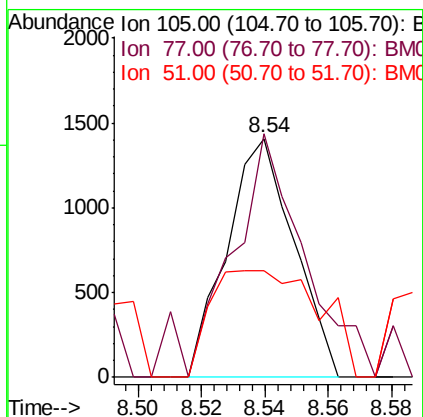
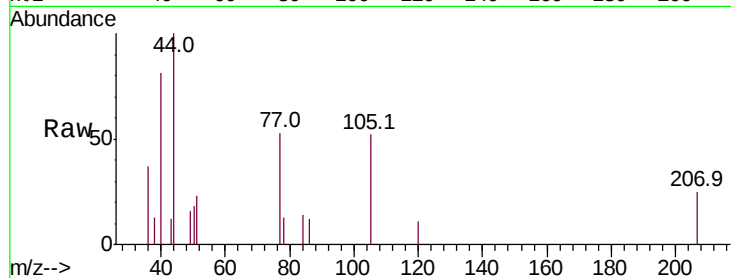




#14
Acetophenone
Concen: 2.757 ng/ul
RT: 8.54 min Scan# 944
Delta R.T. 0.01 min
Lab File: BM016858.D
Acq: 22 Sep 2018 07:21

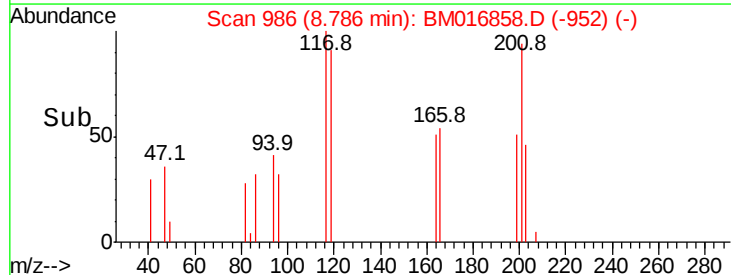
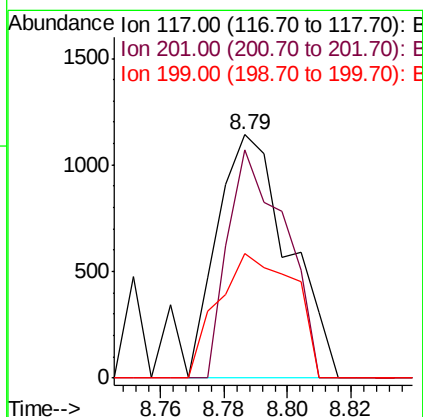
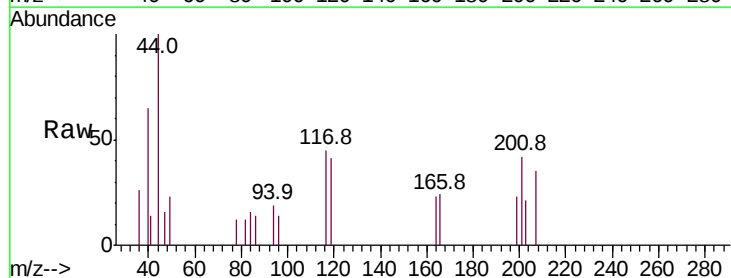
Instrument :
BNA_M
ClientSampleId :

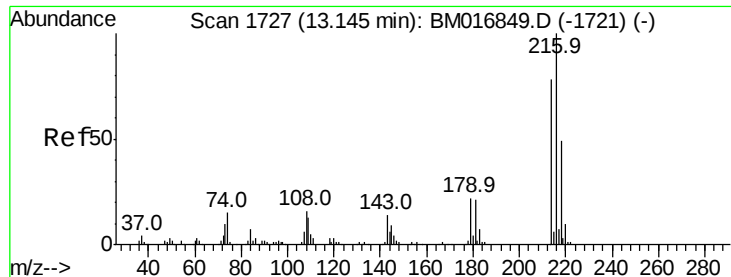
Tot Ion:105 Resp: 2072
Ion Ratio Lower Upper
105 100
77 102.0 63.2 94.8#
51 44.5 19.8 29.8#



#17
Hexachloroethane
Concen: 8.817 ng/ul
RT: 8.79 min Scan# 986
Delta R.T. 0.00 min
Lab File: BM016858.D
Acq: 22 Sep 2018 07:21

Tgt Ion:117 Resp: 1779
Ion Ratio Lower Upper
117 100
201 93.9 96.1 144.1#
199 51.1 59.7 89.5#





#73

1,2,3,4-Tetrachlorobenzene

Concen: 94.778 ng/uL

RT: 13.15 min Scan# 1727

Delta R.T. 0.00 min

Lab File: BM016858.D

Acq: 22 Sep 2018 07:21

Instrument :

BNA_M

ClientSampled :

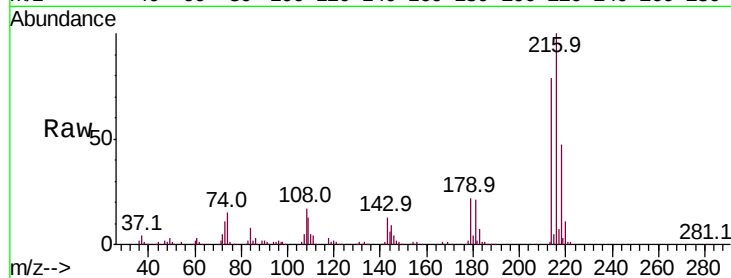
Tot Ion:216 Resp: 619261

Ion Ratio Lower Upper

216 100

214 79.5 64.1 96.1

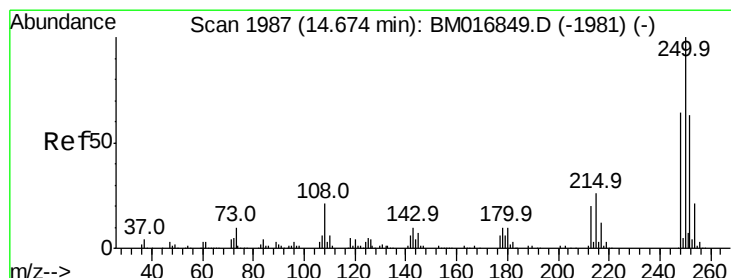
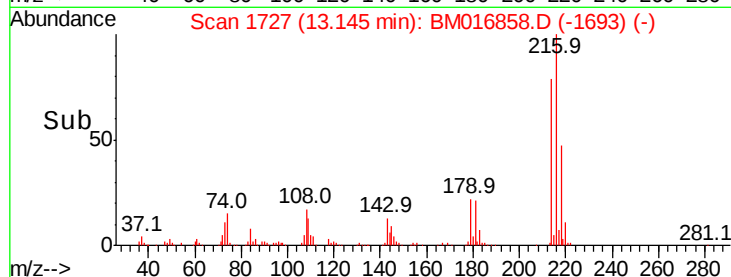
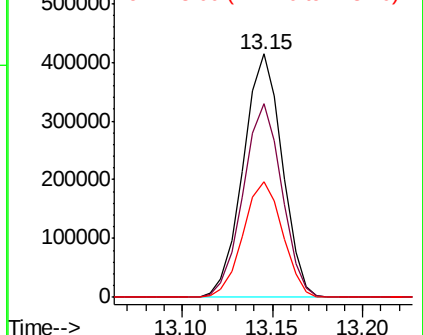
218 47.3 39.4 59.0



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#74

Pentachlorobenzene

Concen: 1.062 ng/uL

RT: 14.67 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BM016858.D

Acq: 22 Sep 2018 07:21

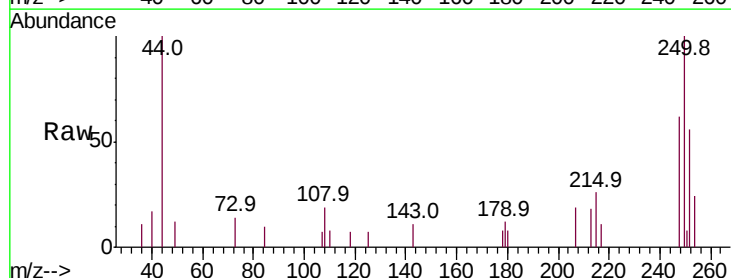
Tgt Ion:250 Resp: 6257

Ion Ratio Lower Upper

250 100

248 57.1 51.4 77.2

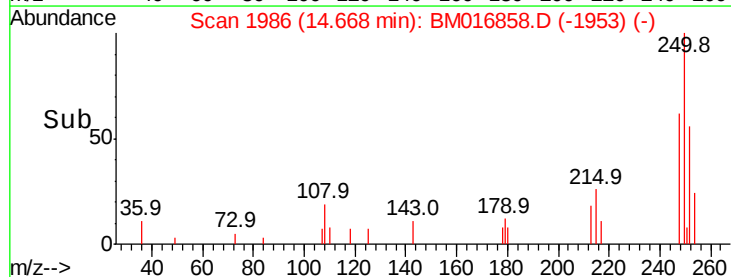
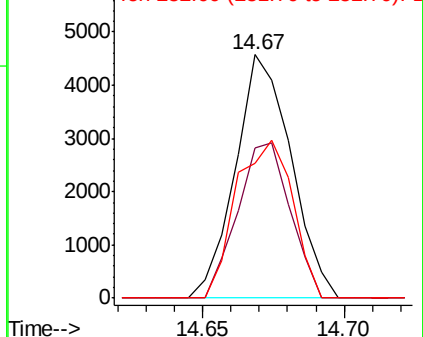
252 51.3 49.8 74.6

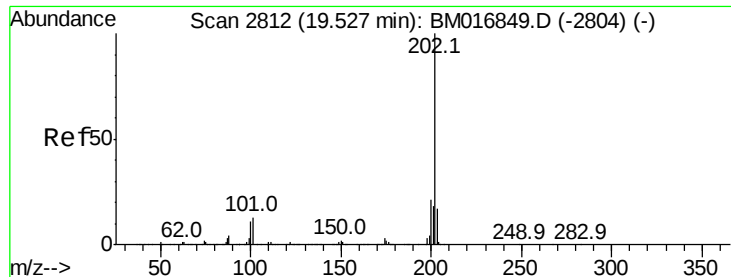


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

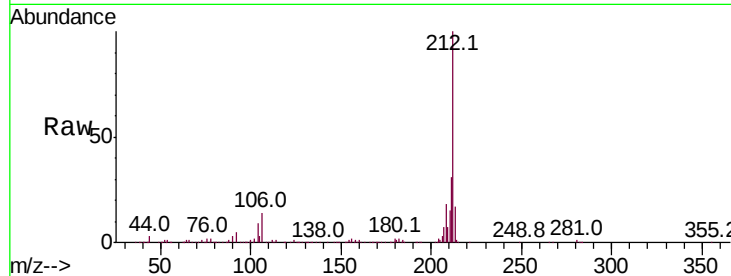




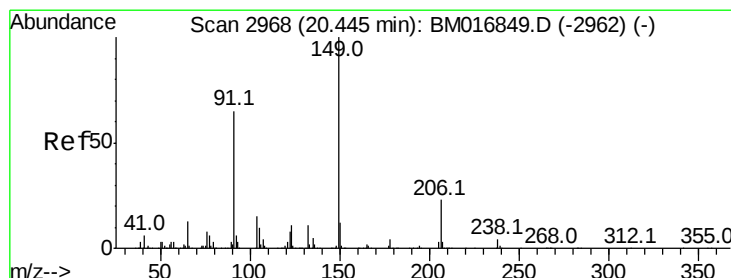
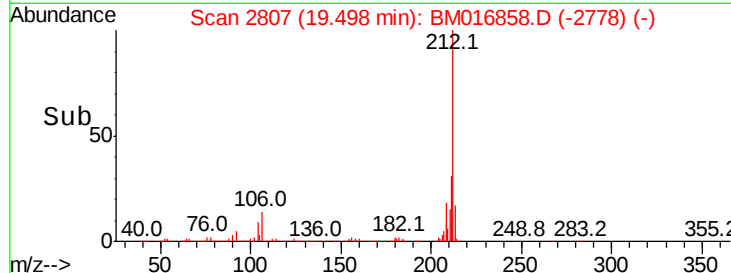
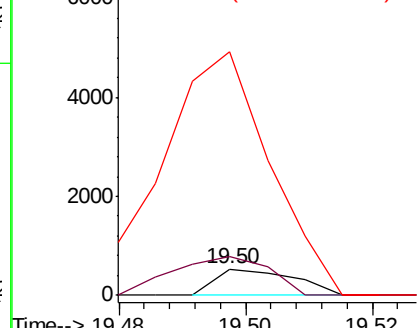
#80
Pvrene
Concen: 6.428 ng/ul
RT: 19.50 min Scan# 2807
Delta R.T. -0.03 min
Lab File: BM016858.D
Acq: 22 Sep 2018 07:21

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	148.4	6.9	10.3#
100	920.2	5.6	8.4#

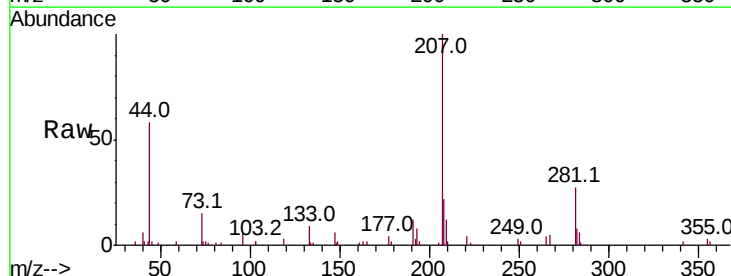


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

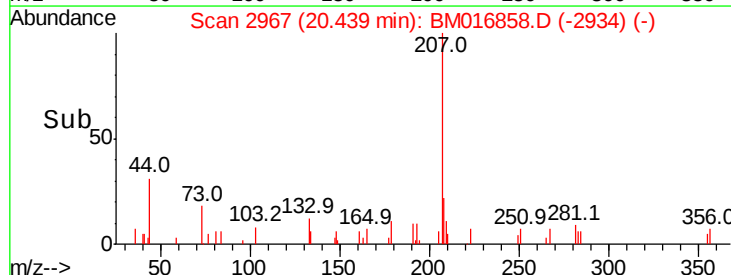
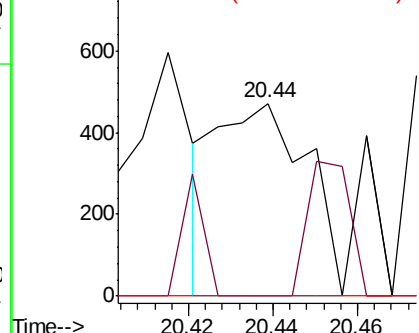


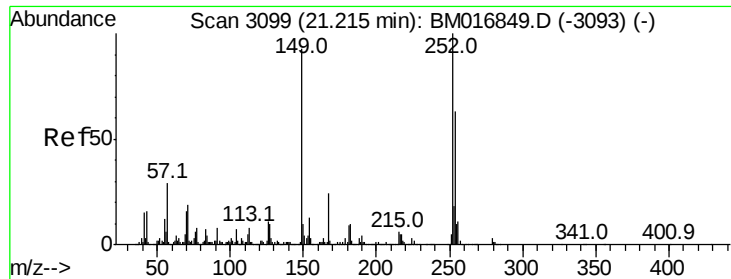
#81
Butylbenzylphthalate
Concen: 26.657 ng/ul
RT: 20.44 min Scan# 2967
Delta R.T. -0.01 min
Lab File: BM016858.D
Acq: 22 Sep 2018 07:21

Tgt Ion	Ratio	Lower	Upper
149	100		
91	0.0	53.4	80.0#
206	0.0	19.3	28.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM
Ion 206.00 (205.70 to 206.70): E



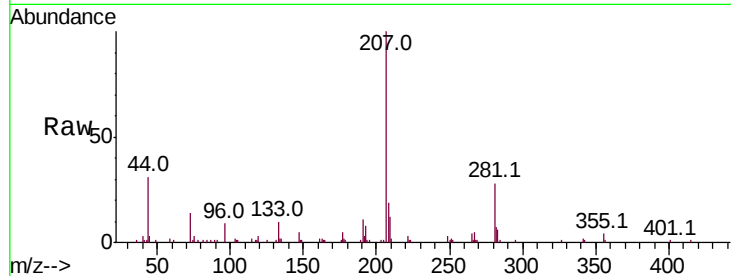


#82

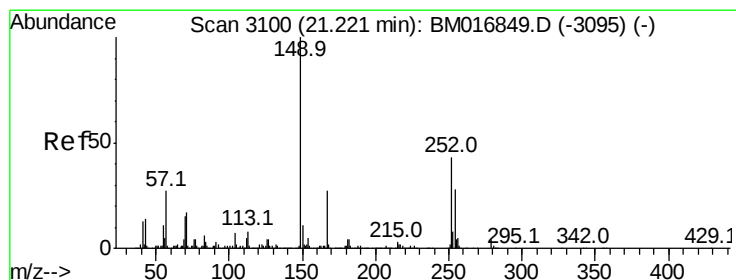
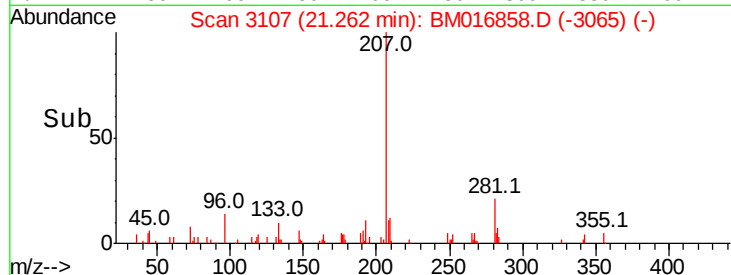
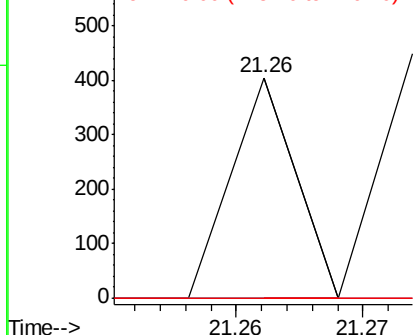
3,3'-Dichlorobenzidine
Concen: 6.207 ng/ul
RT: 21.26 min Scan# 3107
Delta R.T. 0.05 min
Lab File: BM016858.D
Acq: 22 Sep 2018 07:21

Instrument :
BNA_M
ClientSampleId :

Tot Ion:252 Resp: 143
Ion Ratio Lower Upper
252 100
254 0.0 52.8 79.2#
126 0.0 6.9 10.3#



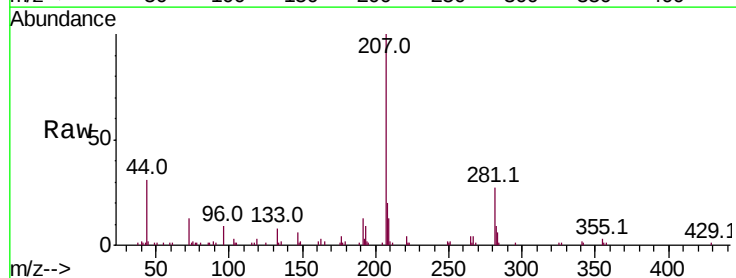
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#84

Bis(2-ethylhexyl)phthalate
Concen: 6.144 ng/ul
RT: 21.22 min Scan# 3100
Delta R.T. 0.00 min
Lab File: BM016858.D
Acq: 22 Sep 2018 07:21

Tgt Ion:149 Resp: 255
Ion Ratio Lower Upper
149 100
167 0.0 23.0 34.6#
279 0.0 4.3 6.5#



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

