

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
 Data File : BM016857.D
 Acq On : 22 Sep 2018 06:45
 Operator : SJ/JU
 Sample : J5013-01DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C08R4DL

Quant Time: Sep 24 01:32:57 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	7.78	152	6165	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	378955	20.00	ng/ul	0.09
78) Chrysene-d12	21.29	240	1402	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	2251	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	154	1.07	ng/uL	0.05
5) Phenol-d5	6.89	99	25185	48.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	81225	252.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	82576	194.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	51519	128.04	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	52092	0.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	48383	0.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	87212	0.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	2010	0.00	ng/ul	0.01
44) Dimethylphthalate-d6	13.77	166	306200	0.00	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	352868	0.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	6600	0.00	ng/ul	0.00
58) Fluorene-d10	15.35	176	268853	0.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	22651	14.56	ng/ul	0.00
71) Anthracene-d10	17.34	188	801	0.04	ng/ul	0.14
79) Pyrene-d10	19.50	212	441380	6487.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.38	264	495438	4219.30	ng/ul	0.00

Target Compounds

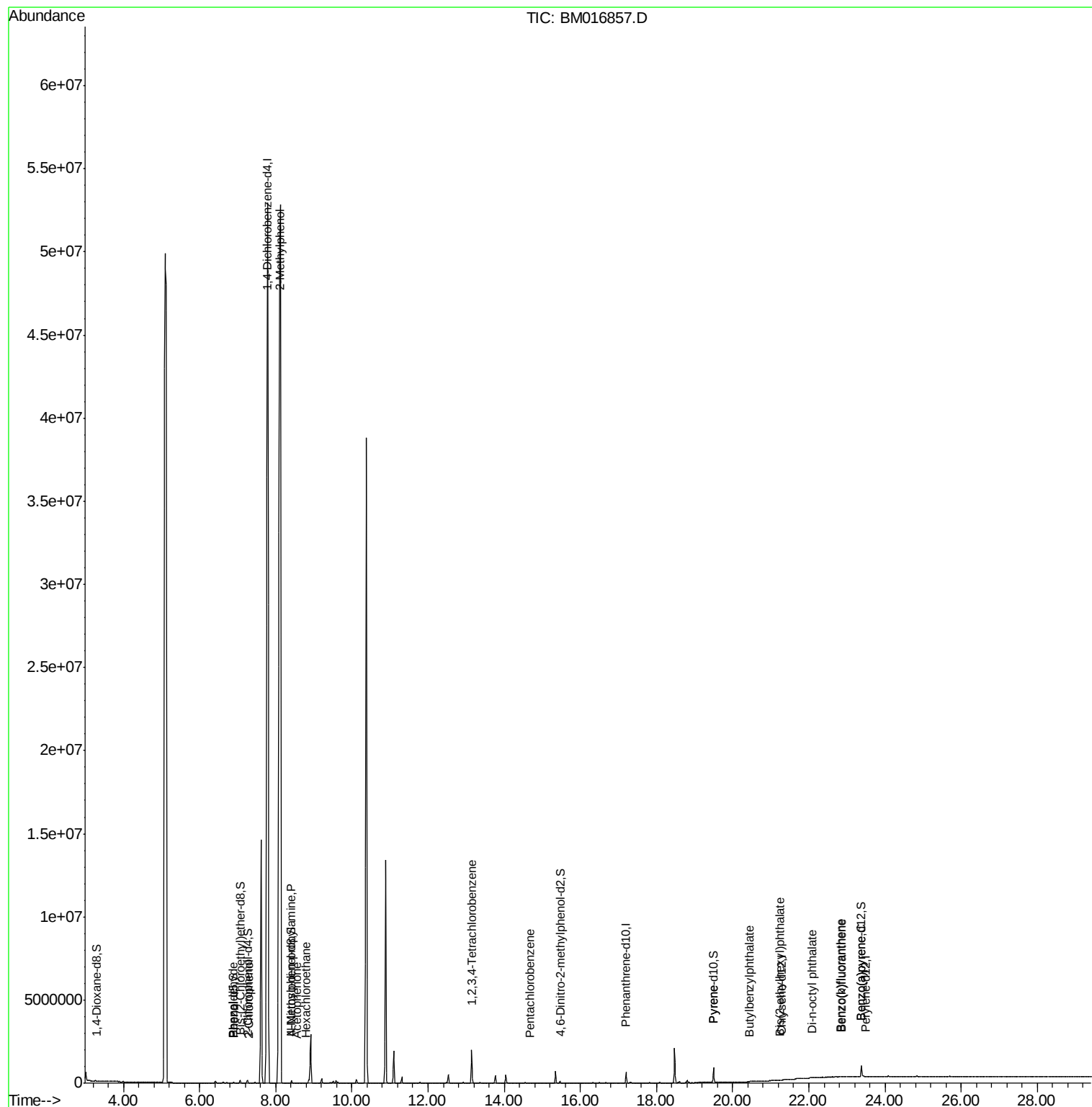
					Ovalue	
4) Benzaldehyde	6.88	77	2249	7.685	ng/ul#	84
6) Phenol	6.91	94	1254	2.416	ng/ul#	71
10) 2-Chlorophenol	7.29	128	489	1.147	ng/ul#	75
11) 2-Methylphenol	8.12	108	397947	1022.955	ng/ul	97
14) Acetophenone	8.53	105	2107	3.379	ng/ul#	87
15) N-Nitroso-di-n-propylamine	8.42	70	856	2.743	ng/ul#	1
17) Hexachloroethane	8.79	117	1590	9.497	ng/ul#	70
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	608937	97.088	ng/uL	97
74) Pentachlorobenzene	14.67	250	6307	1.115	ng/uL#	85
80) Pyrene	19.50	202	304	3.531	ng/ul#	1
81) Butylbenzylphthalate	20.43	149	607	19.066	ng/ul#	26
84) Bis(2-ethylhexyl)phthalate	21.22	149	519	10.373	ng/ul#	52
87) Di-n-octyl phthalate	22.07	149	467	3.453	ng/ul	100
88) Benzo(b)fluoranthene	22.83	252	851	6.316	ng/ul#	1
89) Benzo(k)fluoranthene	22.86	252	359	2.775	ng/ul#	1
91) Benzo(a)pyrene	23.39	252	1802	14.031	ng/ul#	1

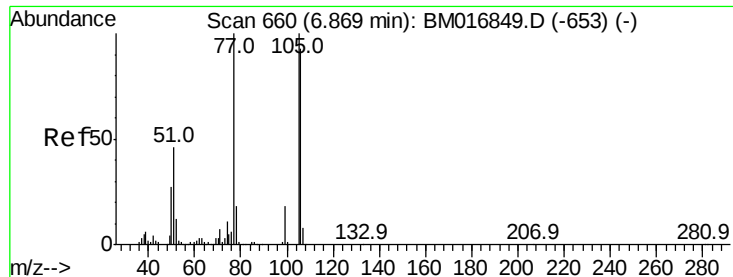
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 7.685 ng/ul

RT: 6.88 min Scan# 661

Delta R.T. 0.01 min

Lab File: BM016857.D

Acq: 22 Sep 2018 06:45

Instrument :

BNA_M

ClientSampleId :

C08R4DL

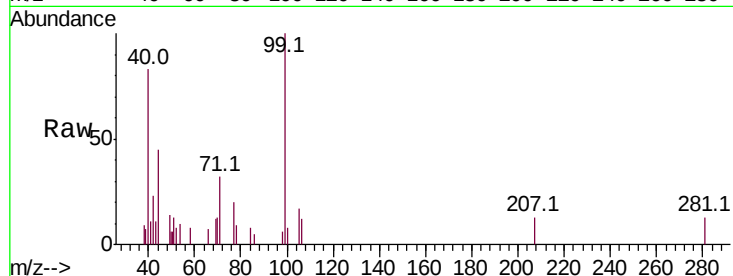
Tot Ion: 77 Resp: 2249

Ion Ratio Lower Upper

77 100

105 85.3 71.0 106.6

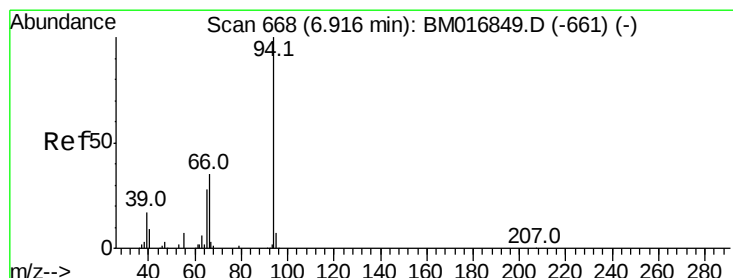
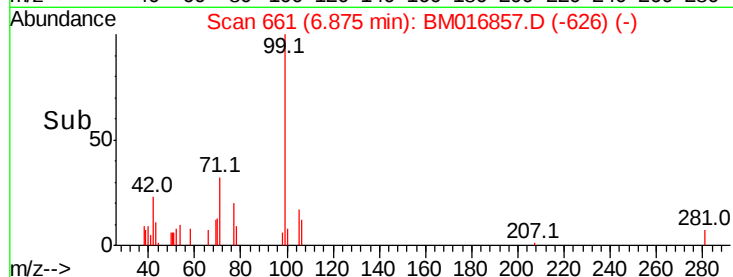
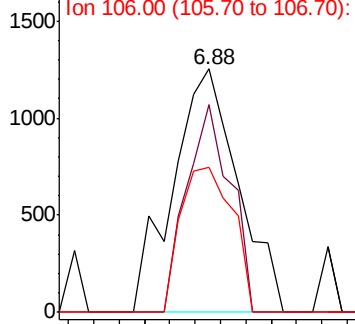
106 59.6 69.5 104.3#



Abundance Ion 77.00 (76.70 to 77.70): BM016849.D (-653) (-)

Ion 105.00 (104.70 to 105.70): BM016849.D (-653) (-)

Ion 106.00 (105.70 to 106.70): BM016849.D (-653) (-)



#6

Phenol

Concen: 2.416 ng/ul

RT: 6.91 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM016857.D

Acq: 22 Sep 2018 06:45

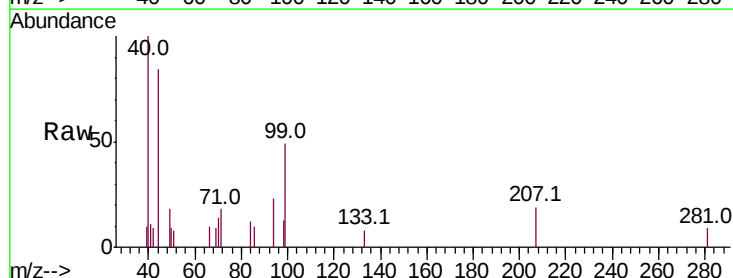
Tgt Ion: 94 Resp: 1254

Ion Ratio Lower Upper

94 100

65 0.0 23.0 34.6#

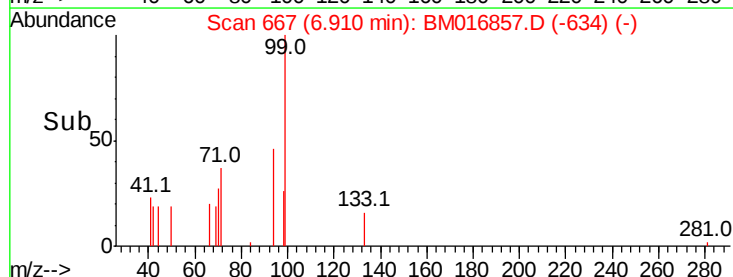
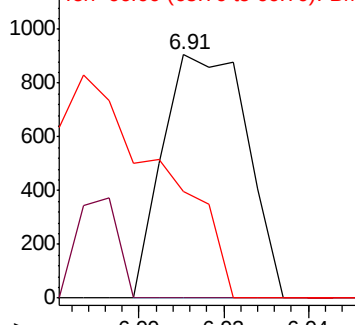
66 43.7 30.4 45.6

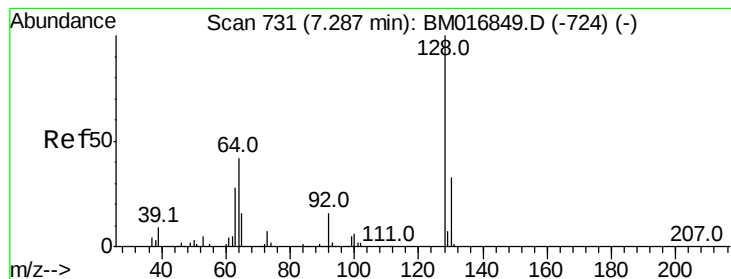


Abundance Ion 94.00 (93.70 to 94.70): BM016849.D (-661) (-)

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

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





#10

2-Chlorophenol

Concen: 1.147 ng/ul

RT: 7.29 min Scan# 732

Delta R.T. 0.01 min

Lab File: BM016857.D

Acq: 22 Sep 2018 06:45

Instrument :

BNA_M

ClientSampleId :

C08R4DL

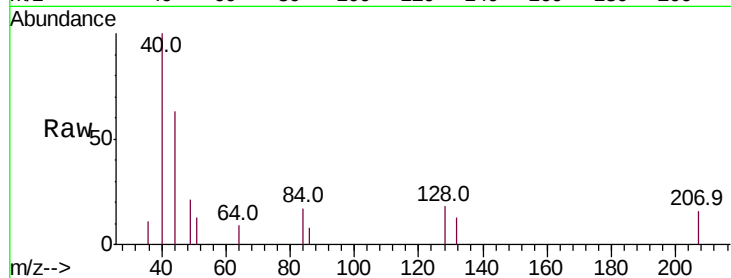
Tot Ion:128 Resp: 489

Ion Ratio Lower Upper

128 100

64 52.1 39.8 59.6

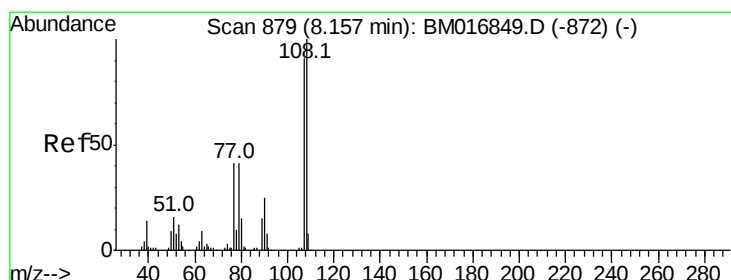
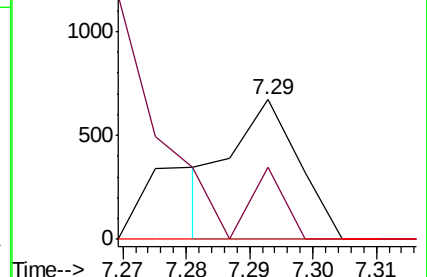
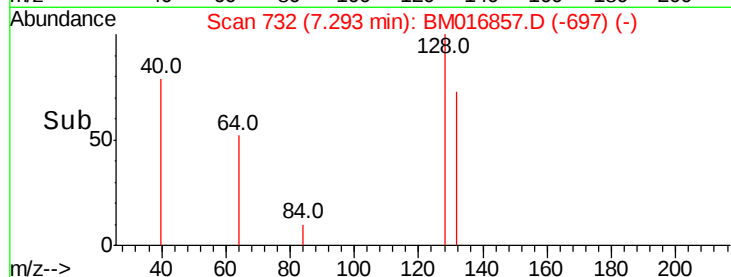
130 0.0 25.8 38.8#



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: 1022.955 ng/ul

RT: 8.12 min Scan# 873

Delta R.T. -0.03 min

Lab File: BM016857.D

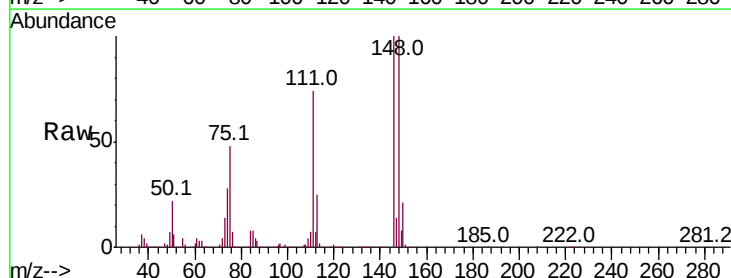
Acq: 22 Sep 2018 06:45

Tgt Ion:108 Resp: 397947

Ion Ratio Lower Upper

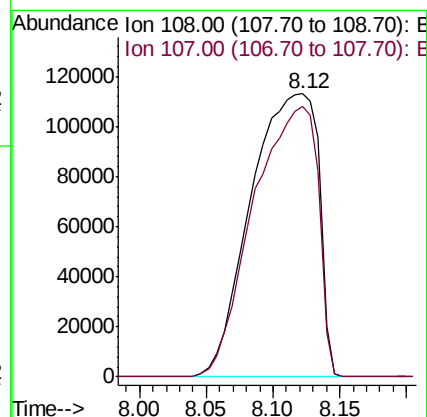
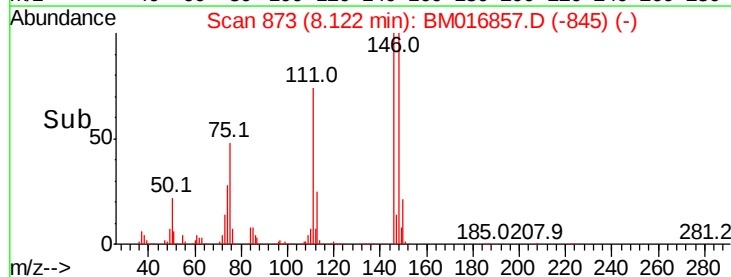
108 100

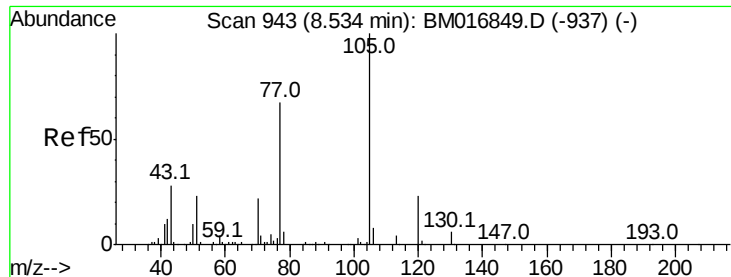
107 95.8 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#14

Acetophenone

Concen: 3.379 ng/ul

RT: 8.53 min Scan# 943

Delta R.T. 0.00 min

Lab File: BM016857.D

Acq: 22 Sep 2018 06:45

Instrument :

BNA_M

ClientSampleId :

C08R4DL

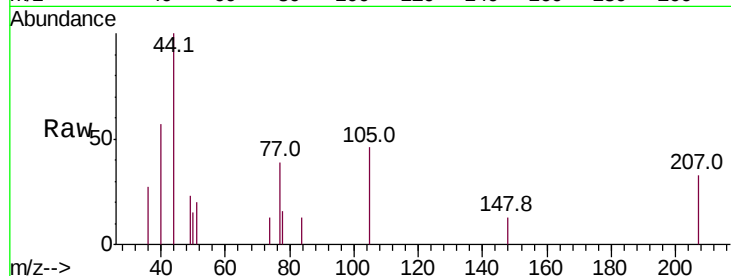
Tot Ion:105 Resp: 2107

Ion Ratio Lower Upper

105 100

77 83.1 63.2 94.8

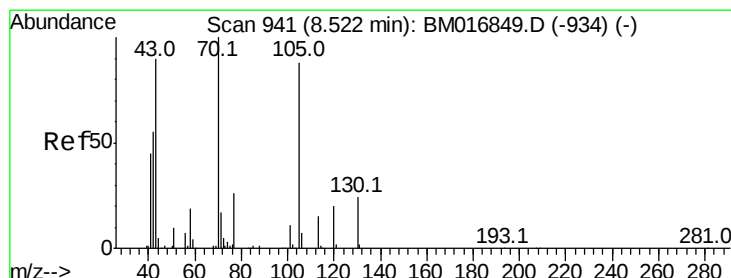
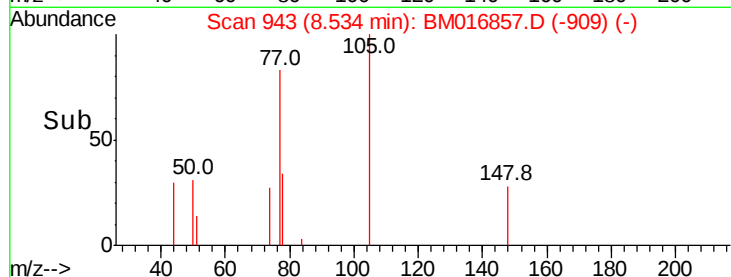
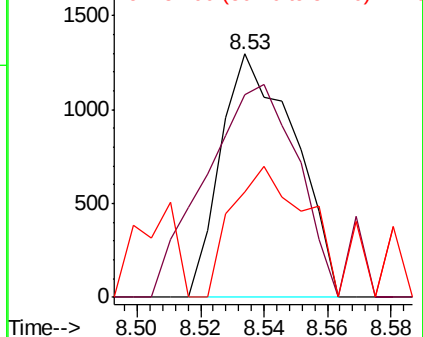
51 43.5 19.8 29.8#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#15

N-Nitroso-di-n-propylamine

Concen: 2.743 ng/ul

RT: 8.42 min Scan# 924

Delta R.T. -0.10 min

Lab File: BM016857.D

Acq: 22 Sep 2018 06:45

Tgt Ion: 70 Resp: 856

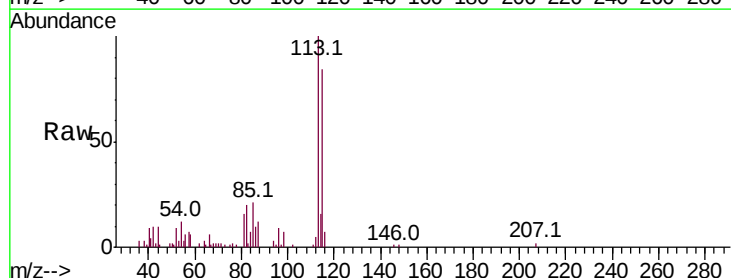
Ion Ratio Lower Upper

70 100

42 445.7 40.2 60.4#

101 0.0 7.7 11.5#

130 0.0 17.8 26.6#

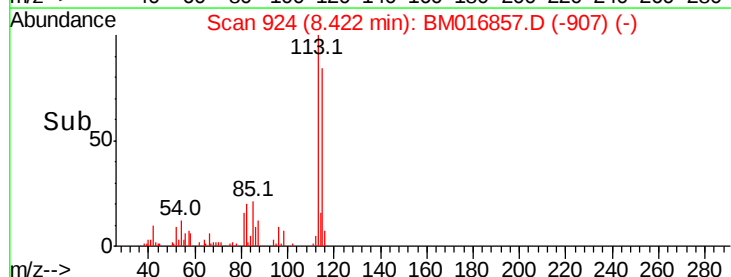
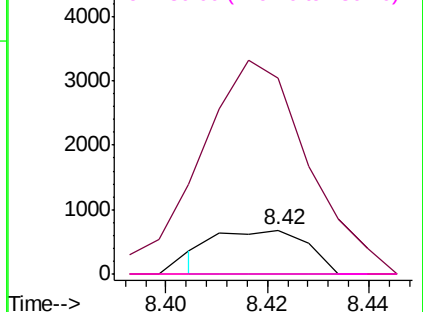


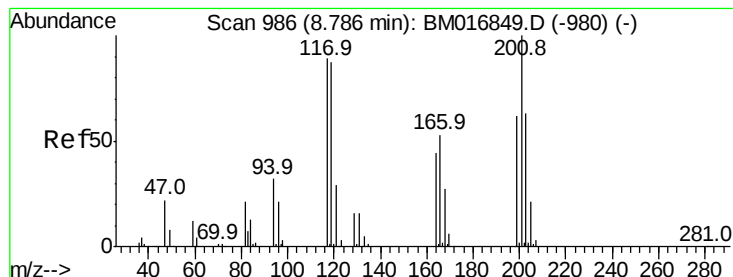
Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#17

Hexachloroethane

Concen: 9.497 ng/ul

RT: 8.79 min Scan# 987

Delta R.T. 0.01 min

Lab File: BM016857.D

Acq: 22 Sep 2018 06:45

Instrument :

BNA_M

ClientSampled :

C08R4DL

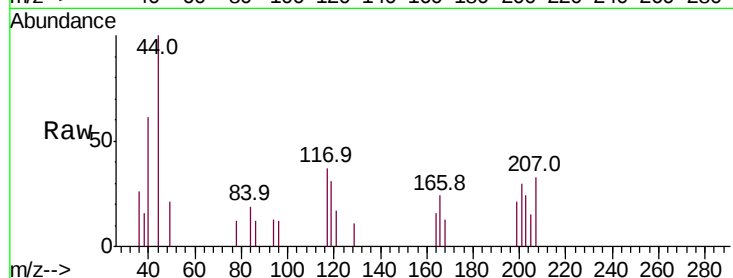
Tot Ion:117 Resp: 1590

Ion Ratio Lower Upper

117 100

201 79.9 96.1 144.1#

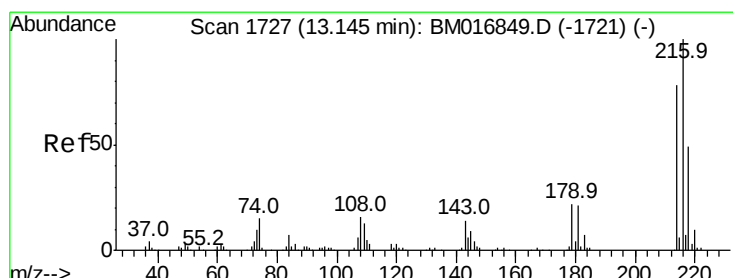
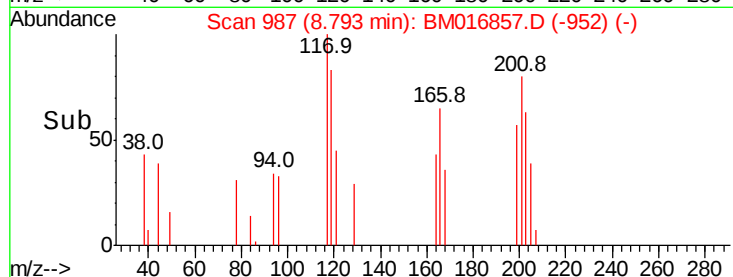
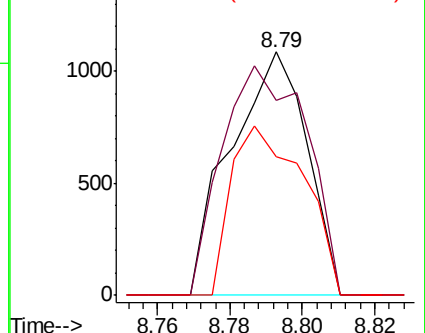
199 57.1 59.7 89.5#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#73

1,2,3,4-Tetrachlorobenzene

Concen: 97.088 ng/uL

RT: 13.15 min Scan# 1727

Delta R.T. 0.00 min

Lab File: BM016857.D

Acq: 22 Sep 2018 06:45

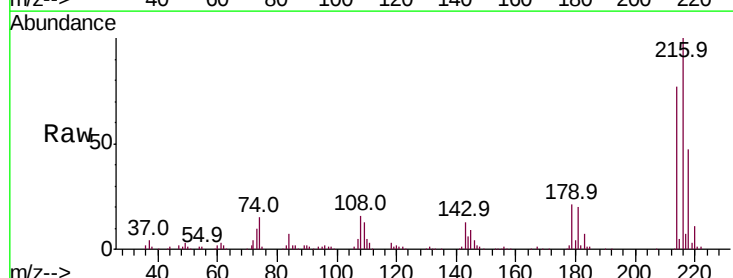
Tgt Ion:216 Resp: 608937

Ion Ratio Lower Upper

216 100

214 76.6 64.1 96.1

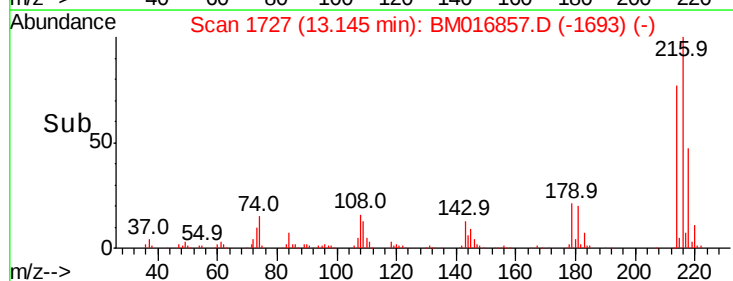
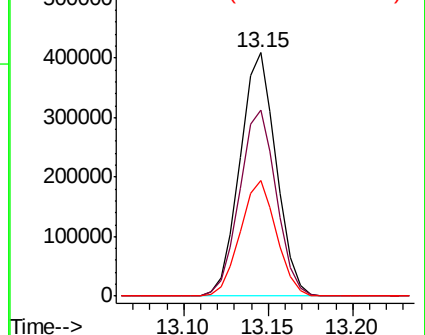
218 47.5 39.4 59.0

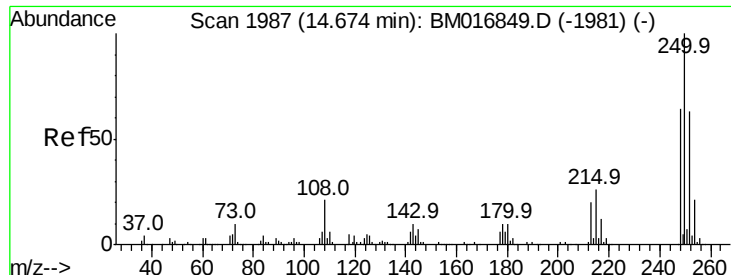


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 1.115 ng/uL

RT: 14.67 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BM016857.D

Acq: 22 Sep 2018 06:45

Instrument :

BNA_M

ClientSampleId :

C08R4DL

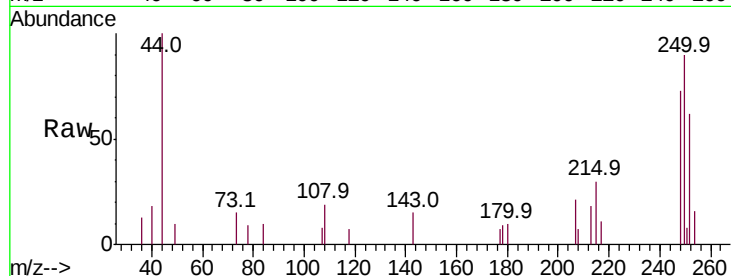
Tot Ion:250 Resp: 6307

Ion Ratio Lower Upper

250 100

248 81.1 51.4 77.2#

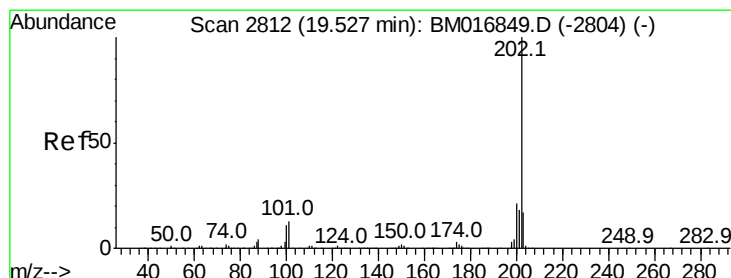
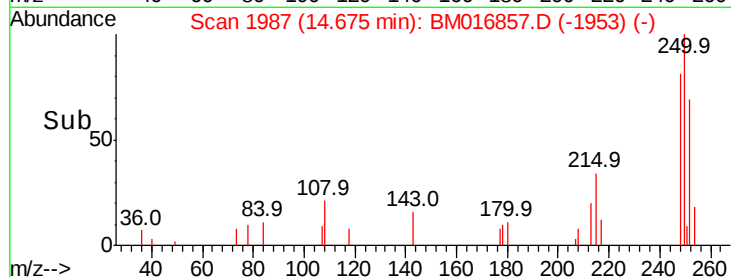
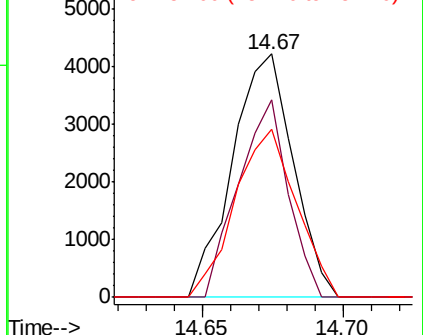
252 68.8 49.8 74.6



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

Pyrene

Concen: 3.531 ng/uL

RT: 19.50 min Scan# 2807

Delta R.T. -0.03 min

Lab File: BM016857.D

Acq: 22 Sep 2018 06:45

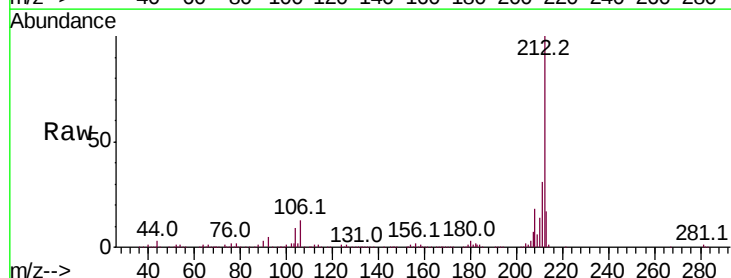
Tgt Ion:202 Resp: 304

Ion Ratio Lower Upper

202 100

101 0.0 6.9 10.3#

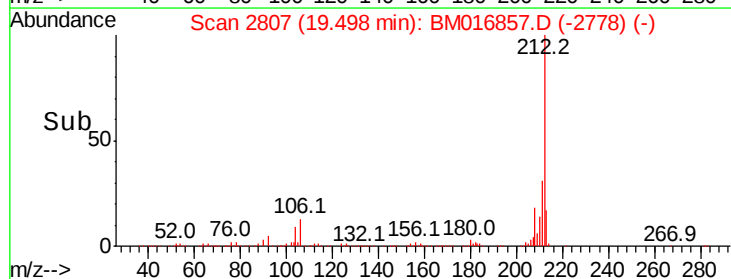
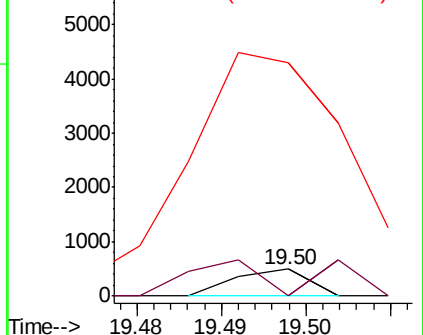
100 863.5 5.6 8.4#

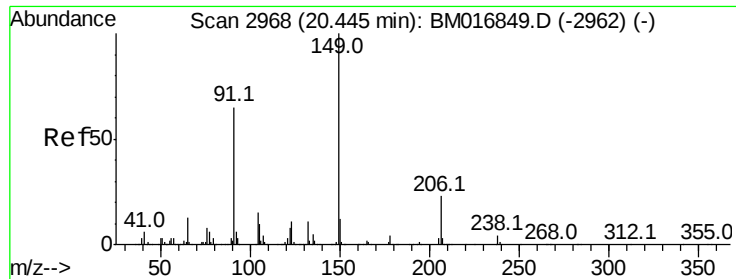


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

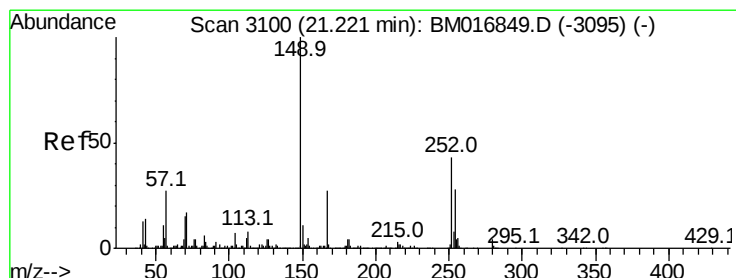
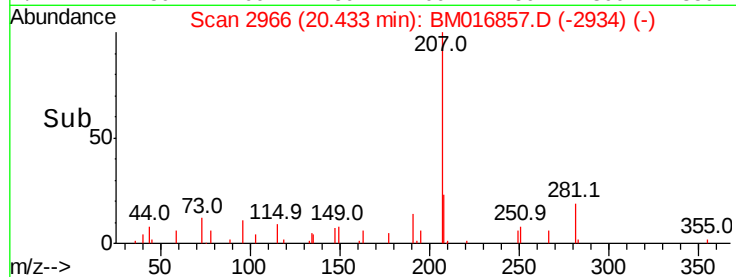
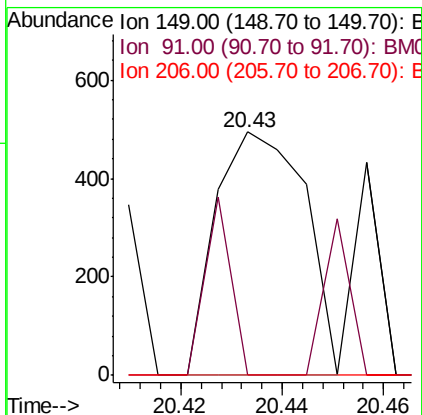
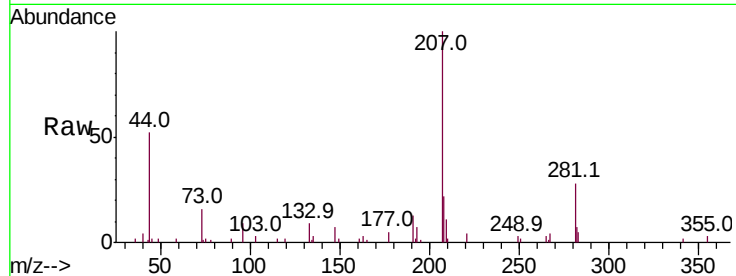




#81
 Butylbenzylphthalate
 Concen: 19.066 ng/ul
 RT: 20.43 min Scan# 2966
 Delta R.T. -0.01 min
 Lab File: BM016857.D
 Acq: 22 Sep 2018 06:45

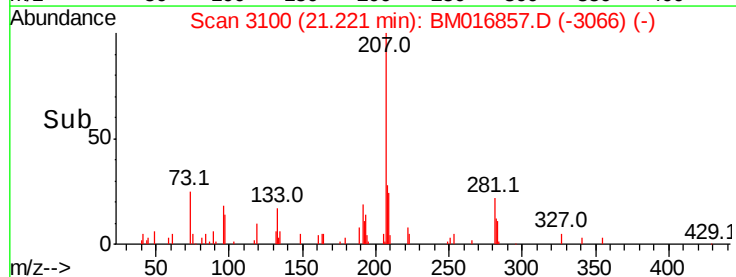
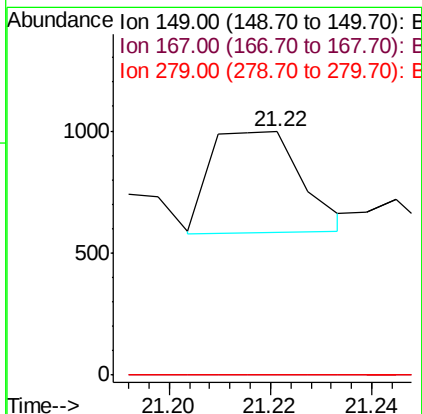
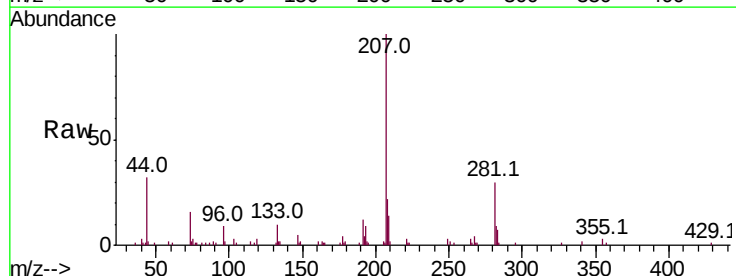
Instrument :
 BNA_M
 ClientSampleId :
 C08R4DL

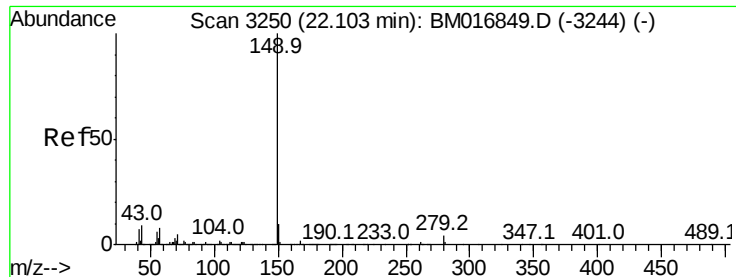
Tot Ion	Ratio	Lower	Upper
149	100		
91	0.0	53.4	80.0#
206	0.0	19.3	28.9#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 10.373 ng/ul
 RT: 21.22 min Scan# 3100
 Delta R.T. 0.00 min
 Lab File: BM016857.D
 Acq: 22 Sep 2018 06:45

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

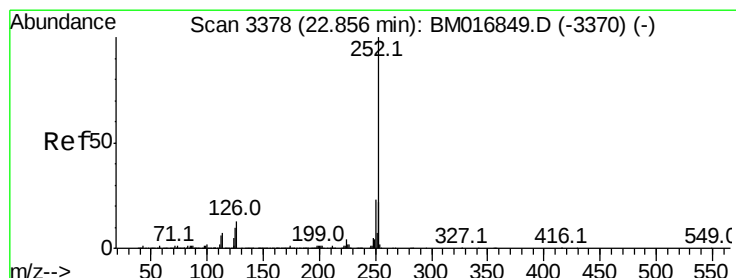
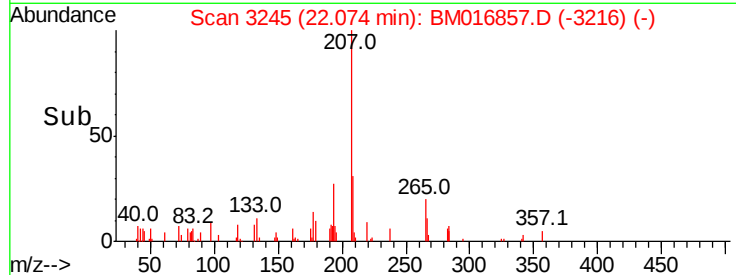
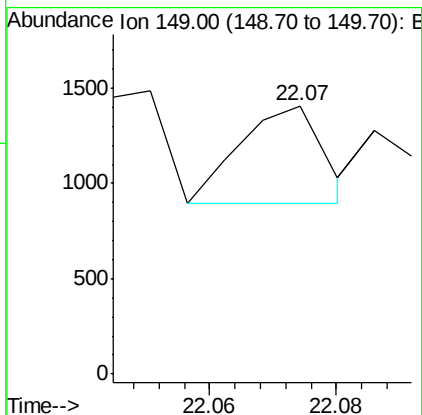
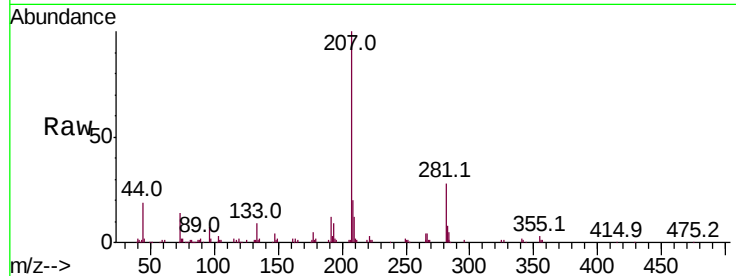




#87
Di-n-octyl phthalate
Concen: 3.453 ng/ul
RT: 22.07 min Scan# 3245
Delta R.T. -0.03 min
Lab File: BM016857.D
Acq: 22 Sep 2018 06:45

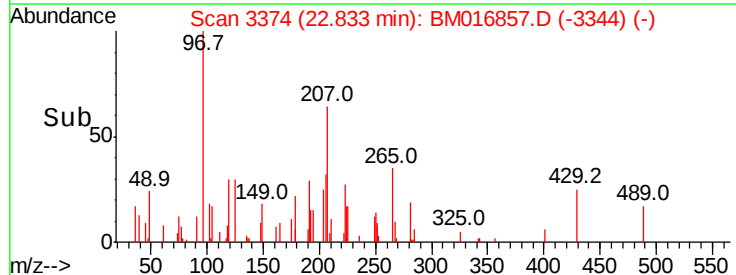
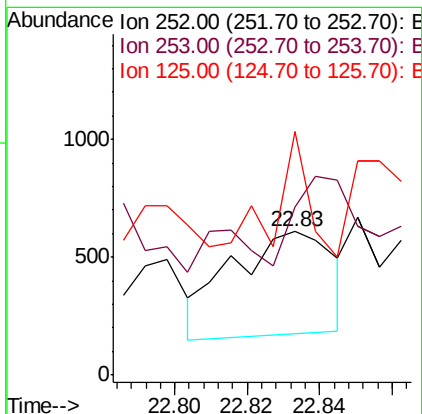
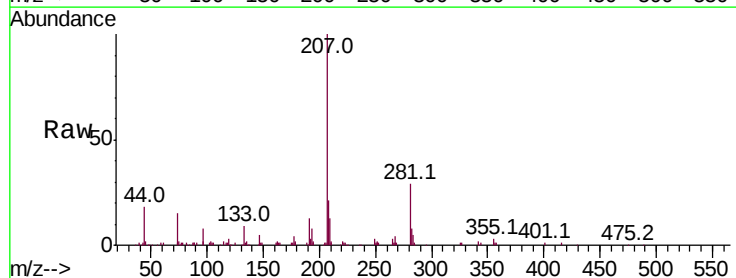
Instrument :
BNA_M
ClientSampleId :
C08R4DL

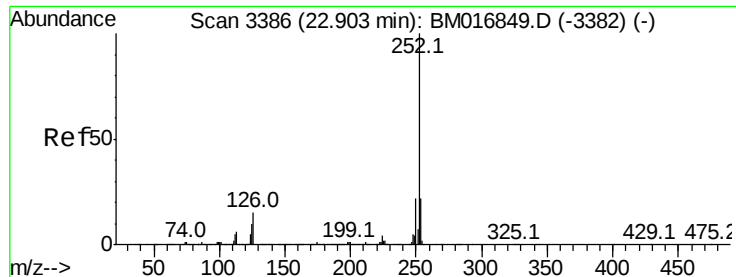
Tgt Ion:149 Resp: 467



#88
Benzo(b)fluoranthene
Concen: 6.316 ng/ul
RT: 22.83 min Scan# 3374
Delta R.T. -0.02 min
Lab File: BM016857.D
Acq: 22 Sep 2018 06:45

Tgt Ion:252 Resp: 851
Ion Ratio Lower Upper
252 100
253 117.2 17.4 26.0#
125 169.6 4.9 7.3#





#89

Benzo(k)fluoranthene

Concen: 2.775 ng/ul

RT: 22.86 min Scan# 3379

Delta R.T. -0.04 min

Lab File: BM016857.D

Acq: 22 Sep 2018 06:45

Instrument :

BNA_M

ClientSampleId :

C08R4DL

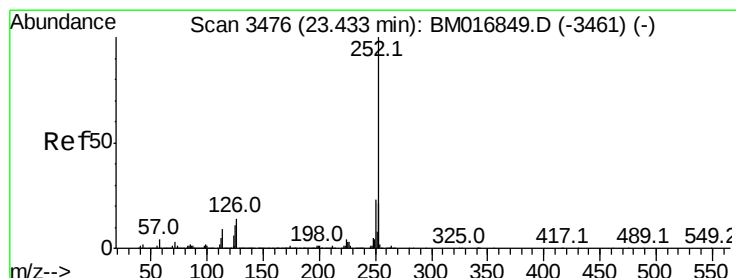
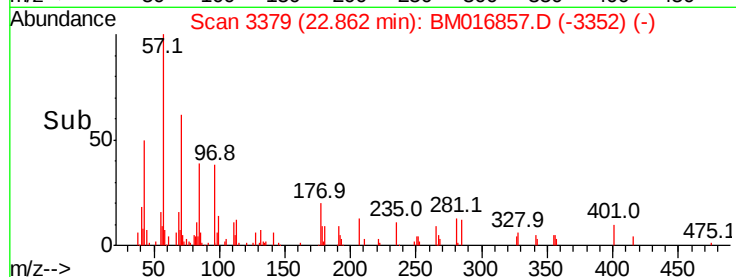
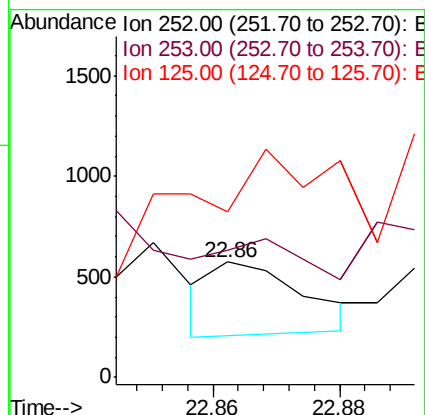
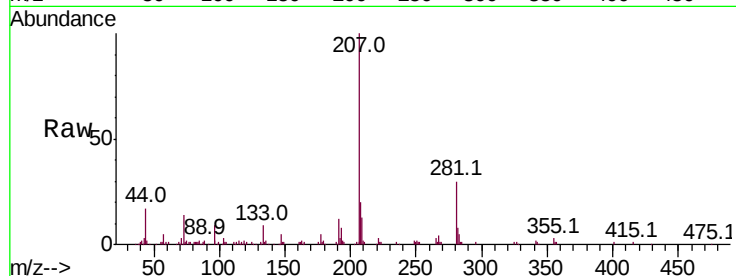
Tot Ion:252 Resp: 359

Ion Ratio Lower Upper

252 100

253 110.5 17.1 25.7#

125 206.8 5.4 8.0#



#91

Benzo(a)pyrene

Concen: 14.031 ng/ul

RT: 23.39 min Scan# 3468

Delta R.T. -0.05 min

Lab File: BM016857.D

Acq: 22 Sep 2018 06:45

Tgt Ion:252 Resp: 1802

Ion Ratio Lower Upper

252 100

253 58.7 17.2 25.8#

125 88.7 5.8 8.6#

