

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101818\
 Data File : BM017210.D
 Acq On : 19 Oct 2018 01:33
 Operator : MJ/SJ
 Sample : J5569-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RLF-SW-5

Quant Time: Oct 19 13:54:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

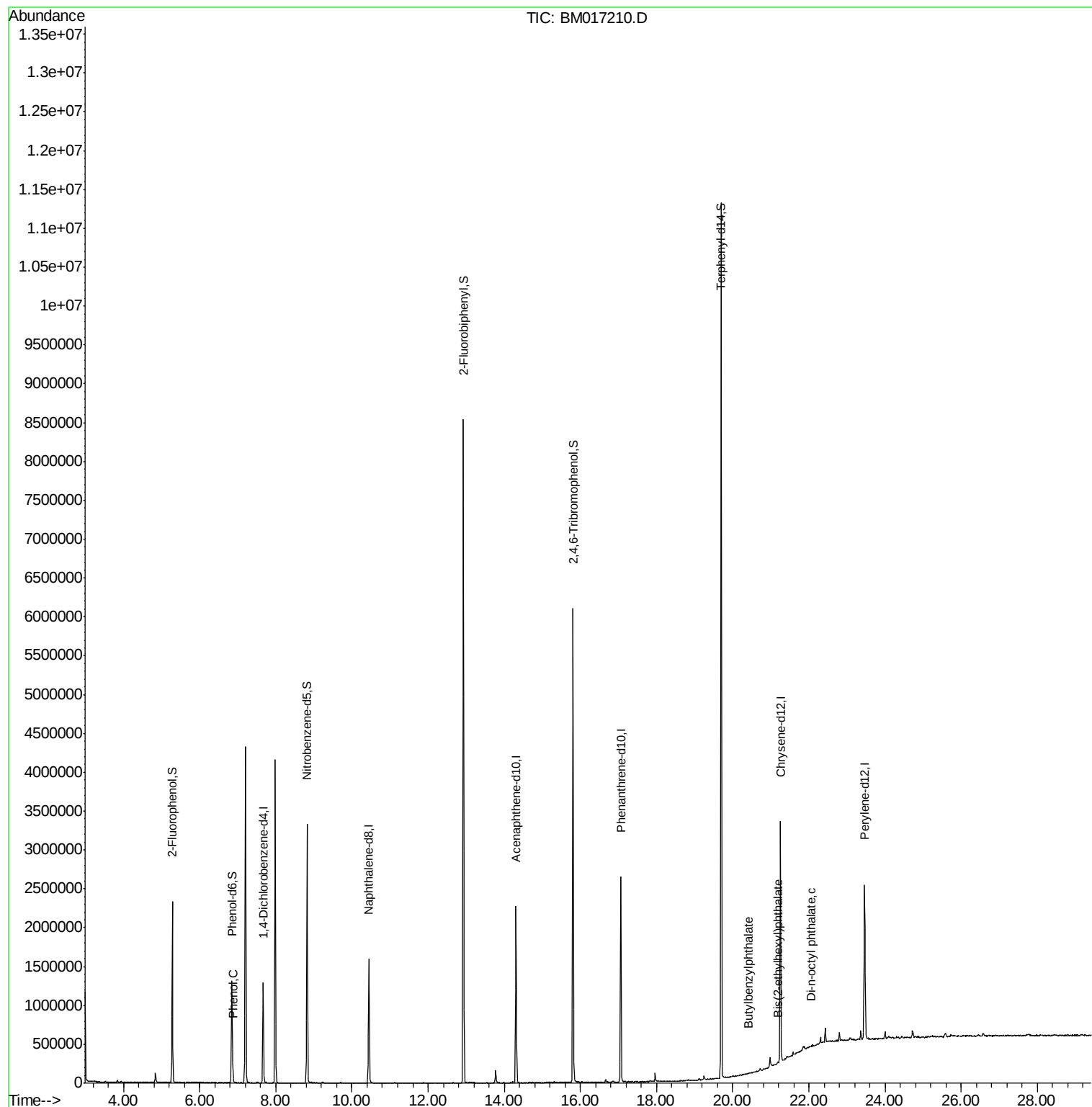
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	328858	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1303485	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	739692	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1567629	20.00	ng	0.00
76) Chrysene-d12	21.25	240	1446129	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1424131	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	895427	46.05	ng	0.00
7) Phenol-d6	6.85	99	707366	26.71	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1844646	82.77	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	1024134	102.38	ng	-0.01
45) 2-Fluorobiphenyl	12.93	172	4281503	77.01	ng	0.00
79) Terphenyl-d14	19.70	244	5085429	79.26	ng	0.00
Target Compounds						
10) Phenol	6.87	94	71256	2.500	ng	96
80) Butylbenzylphthalate	20.40	149	362	7.186	ng	# 85
84) Bis(2-ethylhexyl)phthalate	21.18	149	4400	5.391	ng	# 96
85) Di-n-octyl phthalate	22.06	149	1798	5.591	ng	# 73

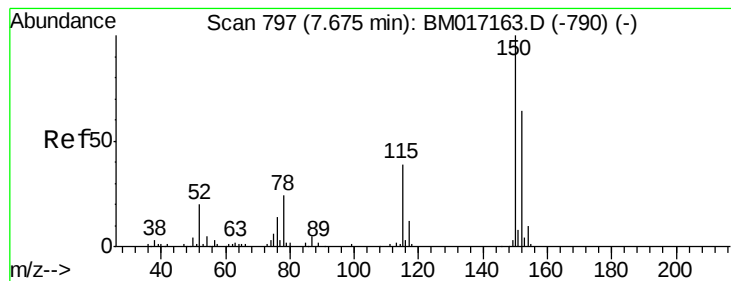
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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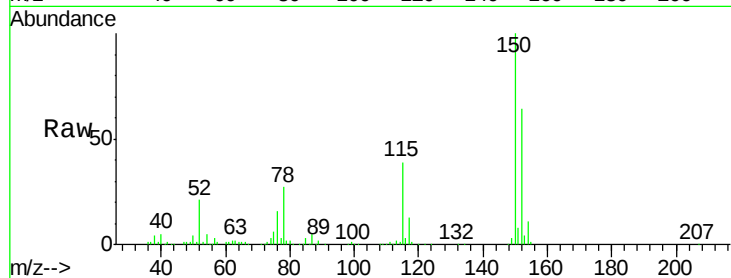


#1

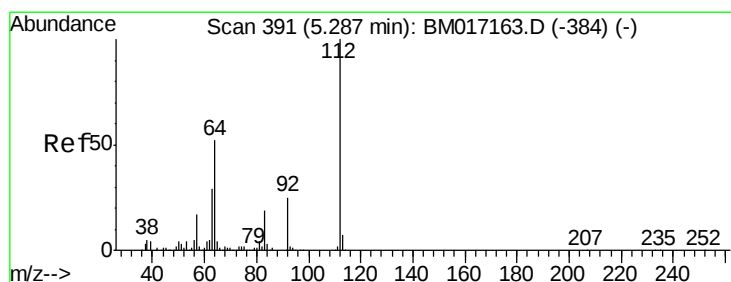
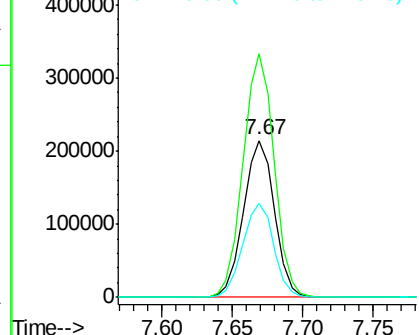
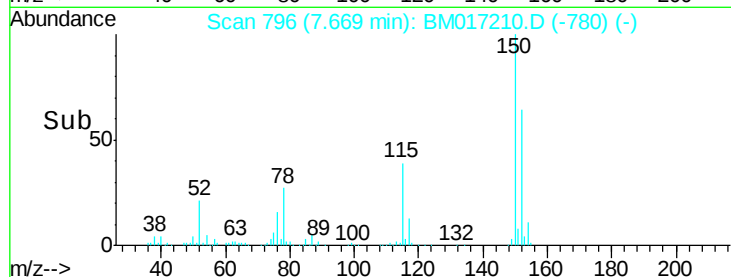
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017210.D
Acq: 19 Oct 2018 01:33

Instrument :
BNA_M
ClientSampleId :
RLF-SW-5

Tgt Ion:152 Resp: 328858
Ion Ratio Lower Upper
152 100
150 155.1 124.3 186.5
115 60.1 48.1 72.1



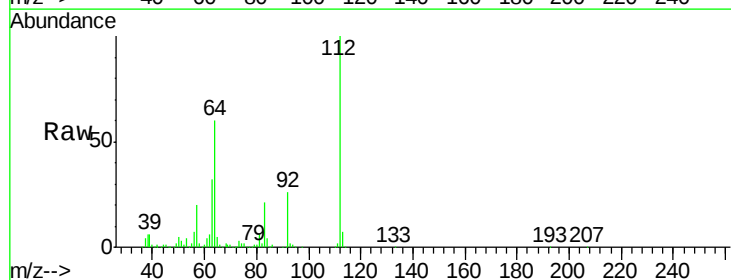
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



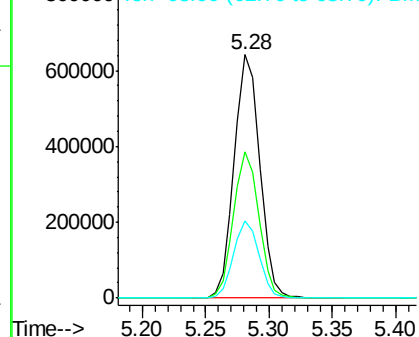
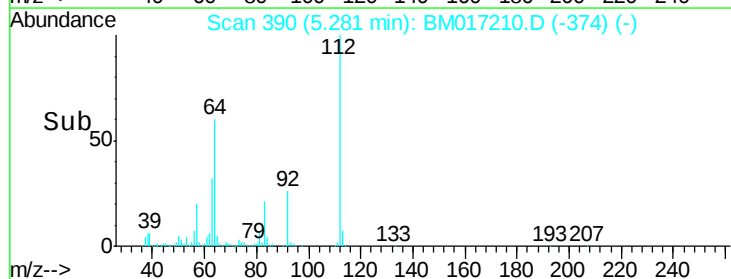
#5

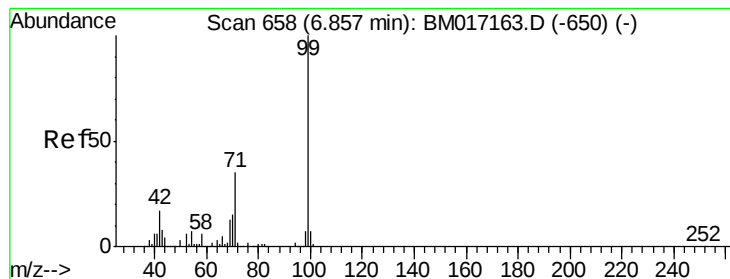
2-Fluorophenol
Concen: 46.052 ng
RT: 5.28 min Scan# 390
Delta R.T. -0.01 min
Lab File: BM017210.D
Acq: 19 Oct 2018 01:33

Tgt Ion:112 Resp: 895427
Ion Ratio Lower Upper
112 100
64 60.0 41.7 62.5
63 31.9 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 26.712 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017210.D

Acq: 19 Oct 2018 01:33

Instrument :

BNA_M

ClientSampleId :

RLF-SW-5

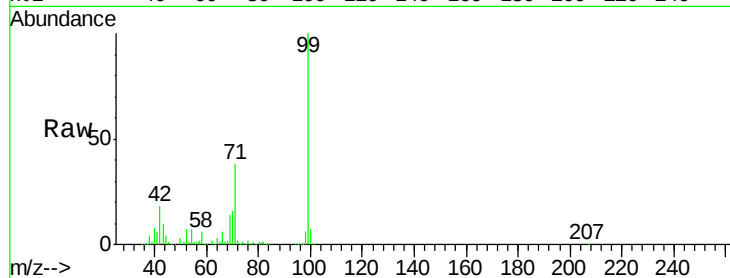
Tgt Ion: 99 Resp: 707366

Ion Ratio Lower Upper

99 100

42 18.1 13.3 19.9

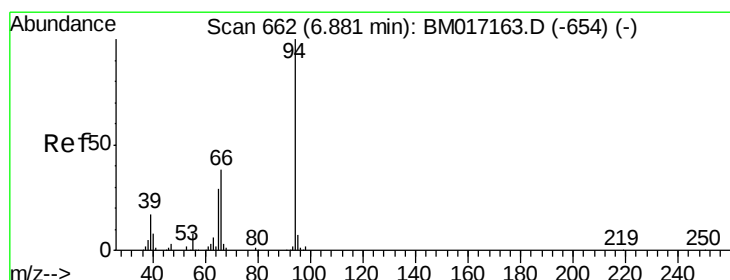
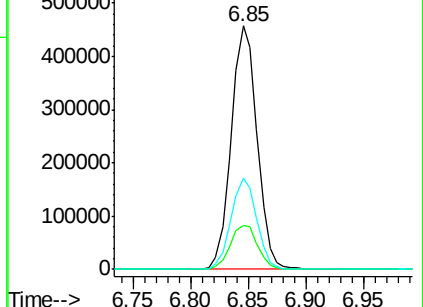
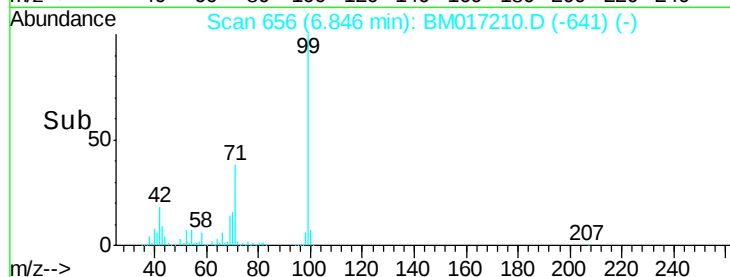
71 37.6 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017210.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017210.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017210.D (-641) (-)



#10

Phenol

Concen: 2.500 ng

RT: 6.87 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM017210.D

Acq: 19 Oct 2018 01:33

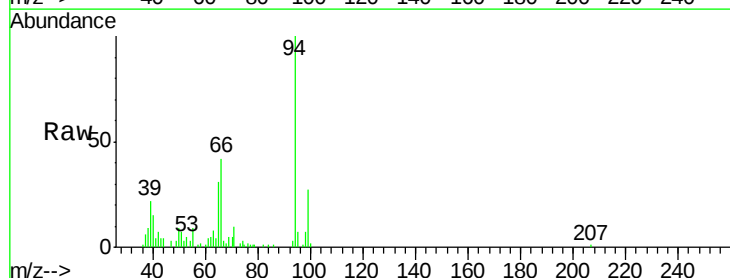
Tgt Ion: 94 Resp: 71256

Ion Ratio Lower Upper

94 100

65 30.8 9.4 49.4

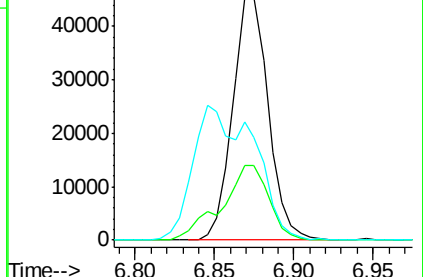
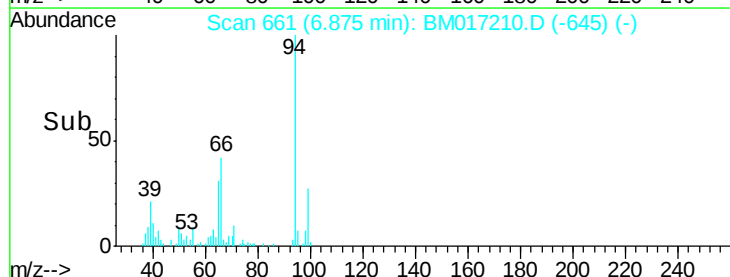
66 42.3 19.0 59.0

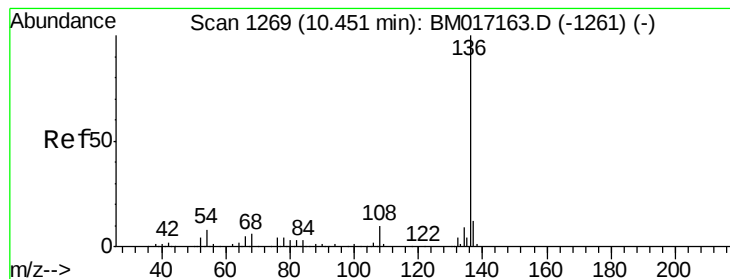


Abundance Ion 94.00 (93.70 to 94.70): BM017210.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM017210.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM017210.D (-645) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM017210.D

Acq: 19 Oct 2018 01:33

Instrument :

BNA_M

ClientSampleId :

RLF-SW-5

Tgt Ion:136 Resp: 1303485

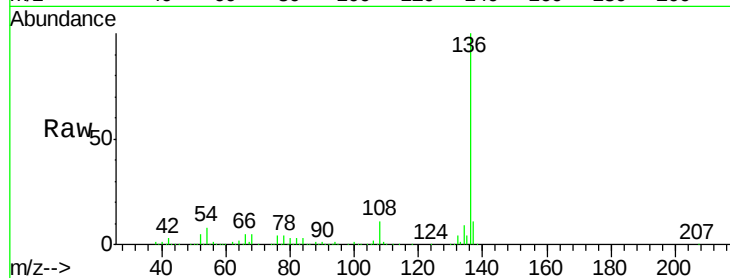
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 7.6 6.7 10.1

68 5.2 4.7 7.1

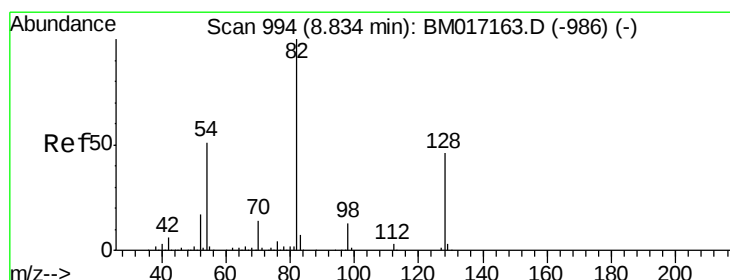
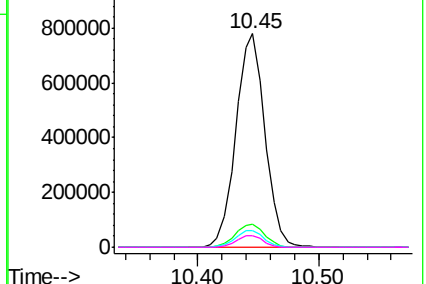
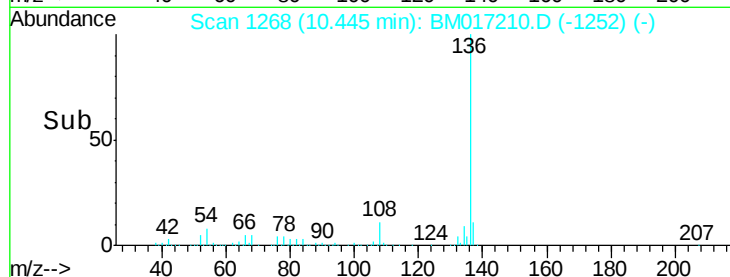


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 82.767 ng

RT: 8.82 min Scan# 992

Delta R.T. -0.01 min

Lab File: BM017210.D

Acq: 19 Oct 2018 01:33

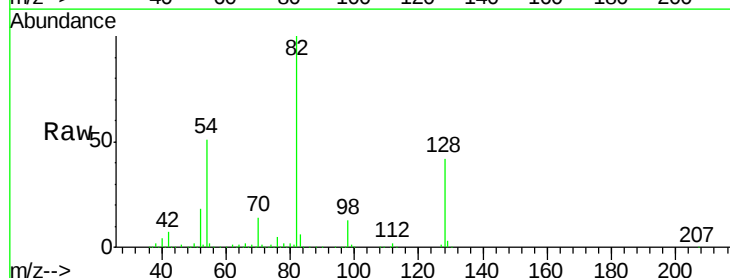
Tgt Ion: 82 Resp: 1844646

Ion Ratio Lower Upper

82 100

128 41.9 37.0 55.6

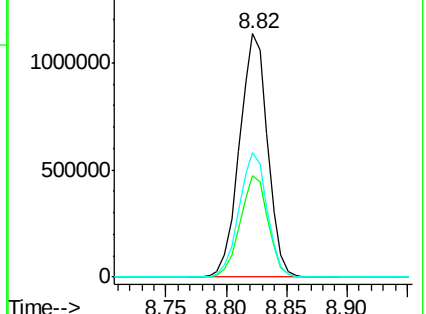
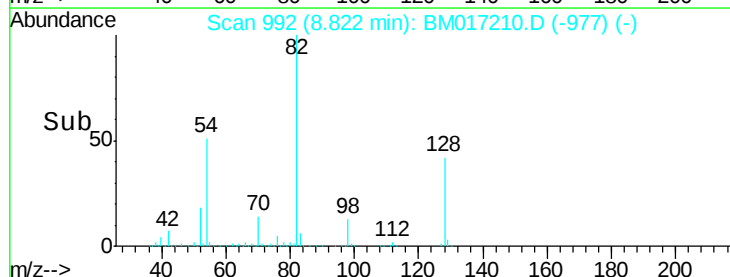
54 51.0 40.7 61.1

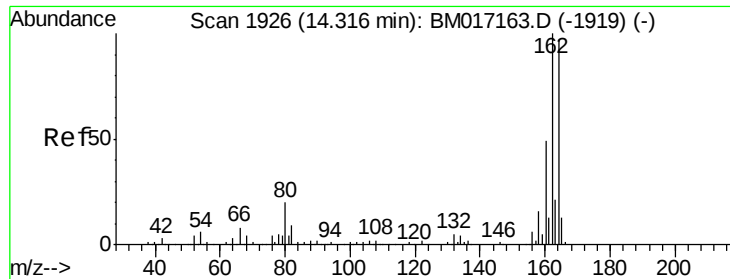


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

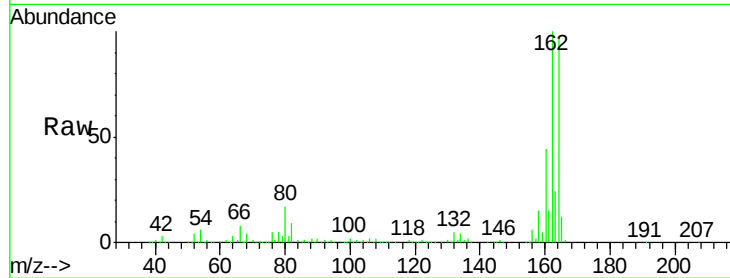




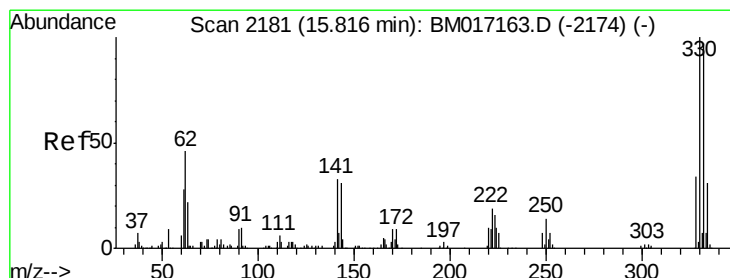
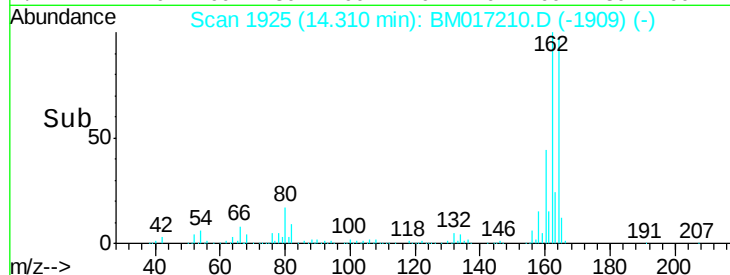
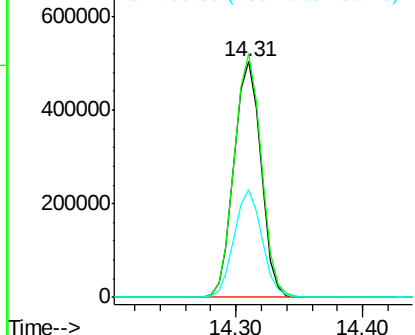
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM017210.D
Acq: 19 Oct 2018 01:33

Instrument :
BNA_M
ClientSampleId :
RLF-SW-5

Tgt Ion:164 Resp: 739692
Ion Ratio Lower Upper
164 100
162 103.5 82.1 123.1
160 45.8 40.2 60.2

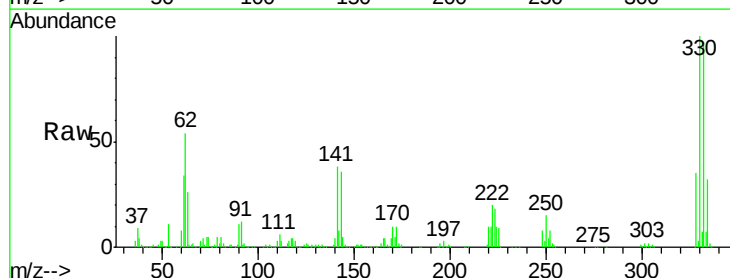


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

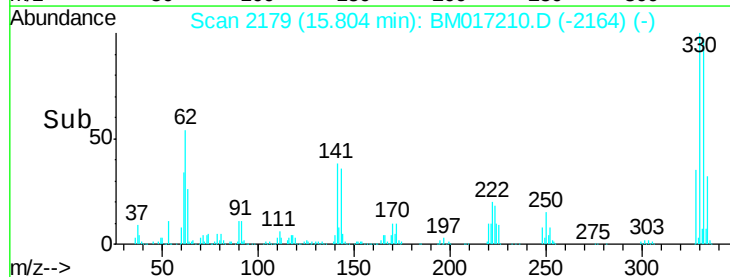
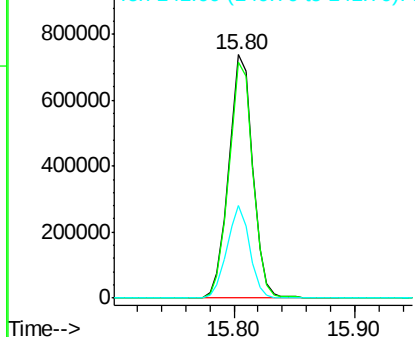


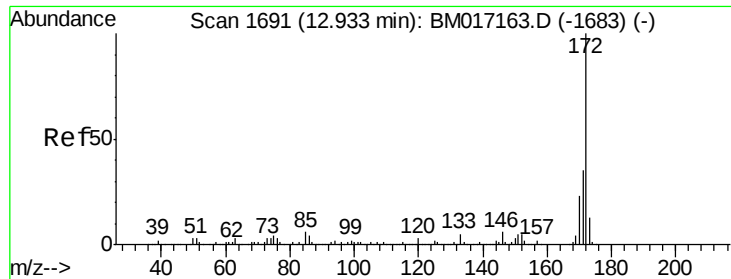
#42
2,4,6-Tribromophenol
Concen: 102.380 ng
RT: 15.80 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BM017210.D
Acq: 19 Oct 2018 01:33

Tgt Ion:330 Resp: 1024134
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 36.3 27.4 41.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

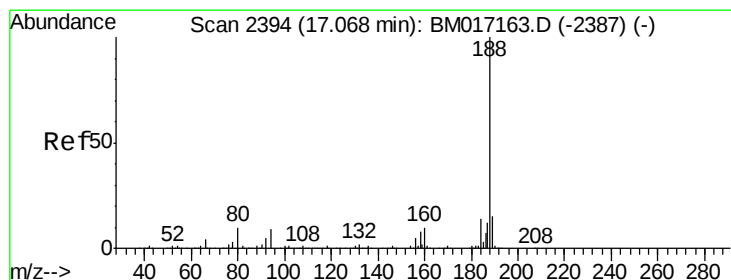
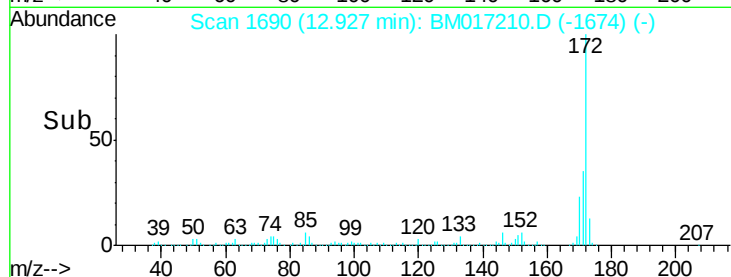
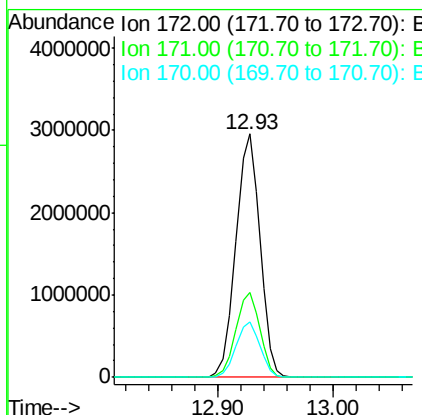
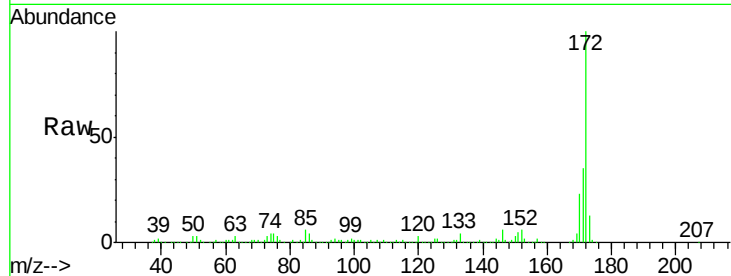




#45
 2-Fluorobiphenyl
 Concen: 77.015 ng
 RT: 12.93 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BM017210.D
 Acq: 19 Oct 2018 01:33

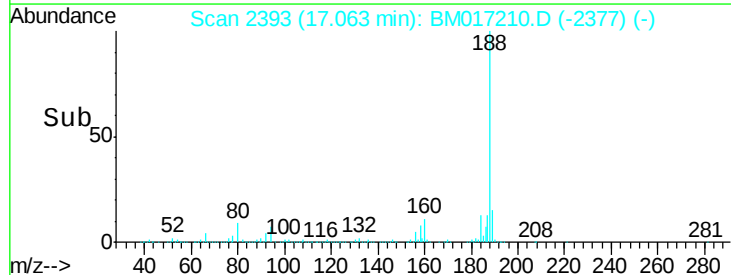
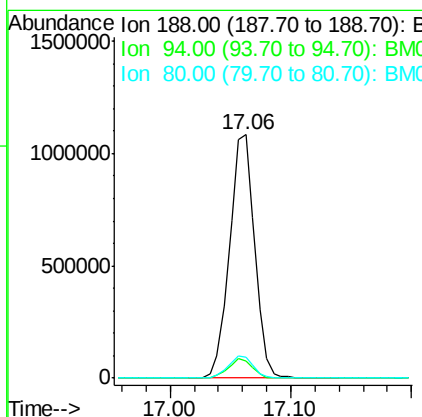
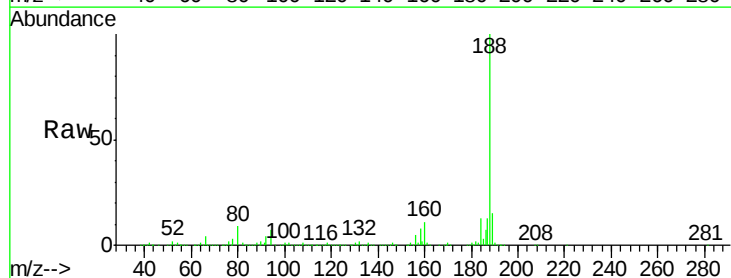
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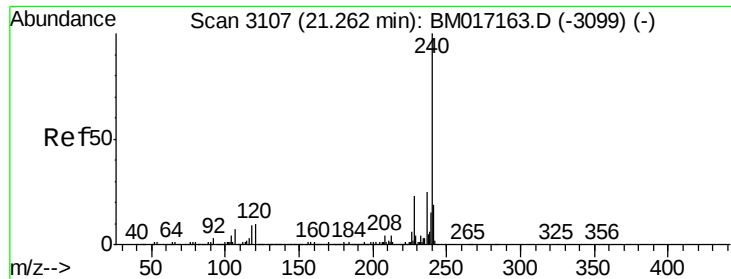
Tgt Ion:172 Resp: 4281503
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.3 42.5
 170 22.6 18.3 27.5



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.06 min Scan# 2393
 Delta R.T. -0.01 min
 Lab File: BM017210.D
 Acq: 19 Oct 2018 01:33

Tgt Ion:188 Resp: 1567629
 Ion Ratio Lower Upper
 188 100
 94 7.3 7.0 10.4
 80 8.7 7.7 11.5

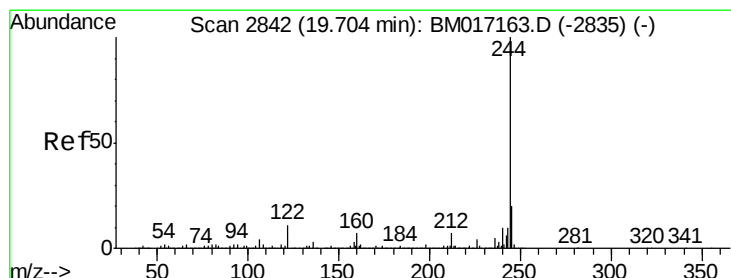
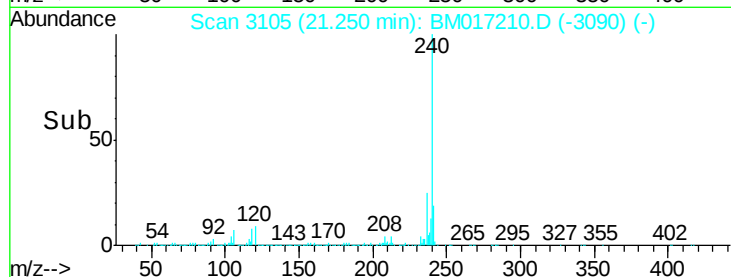
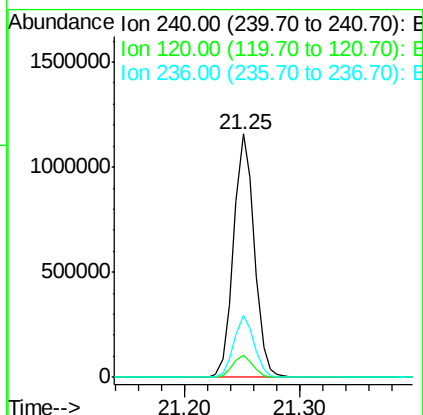
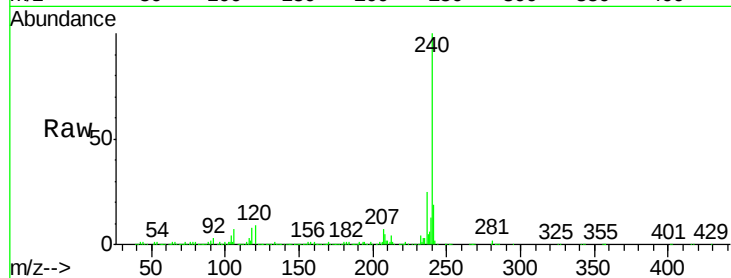




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM017210.D
Acq: 19 Oct 2018 01:33

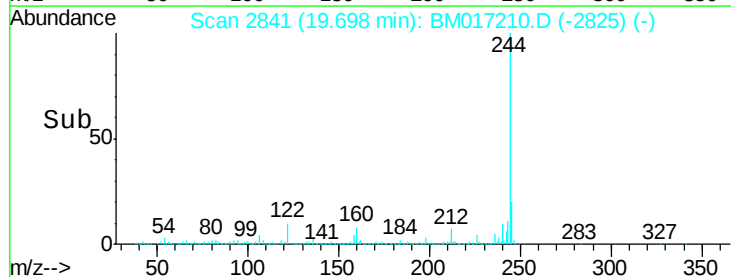
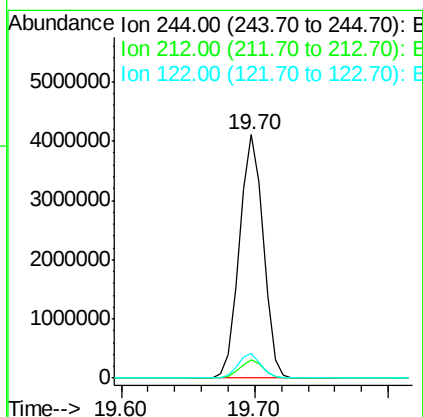
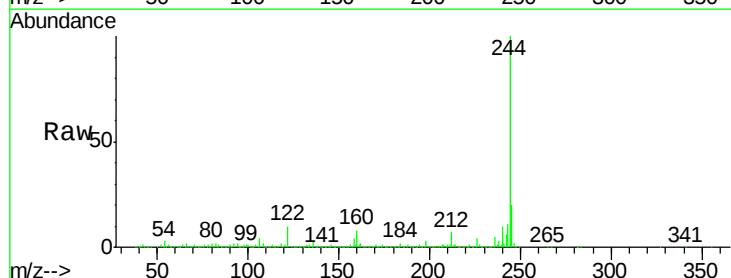
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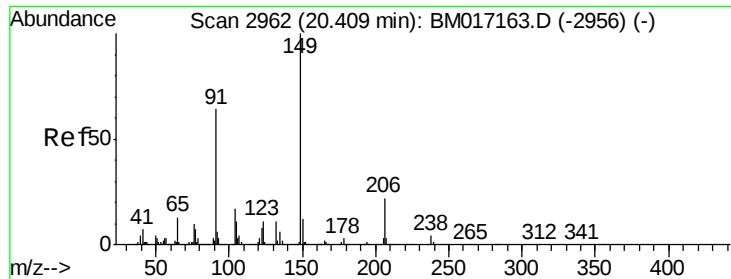
Tgt Ion:240 Resp: 1446129
Ion Ratio Lower Upper
240 100
120 8.9 8.1 12.1
236 25.4 19.9 29.9



#79
Terphenyl-d14
Concen: 79.264 ng
RT: 19.70 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BM017210.D
Acq: 19 Oct 2018 01:33

Tgt Ion:244 Resp: 5085429
Ion Ratio Lower Upper
244 100
212 7.4 5.5 8.3
122 10.0 8.4 12.6

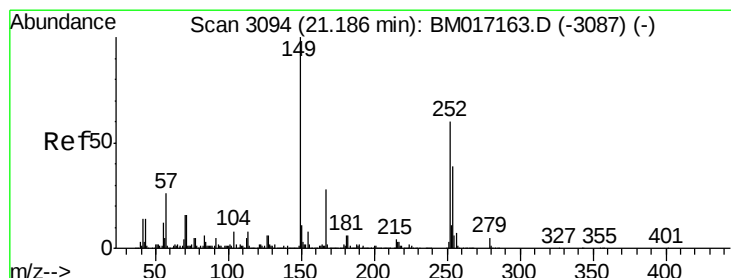
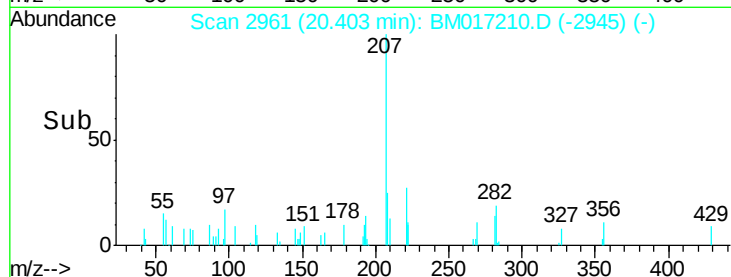
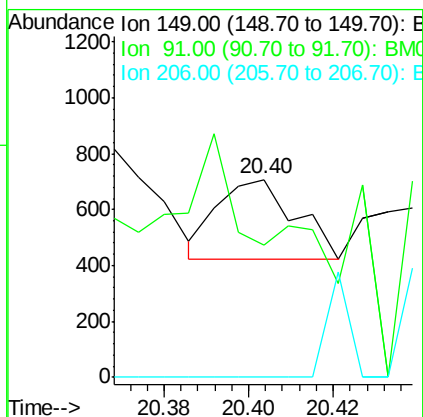
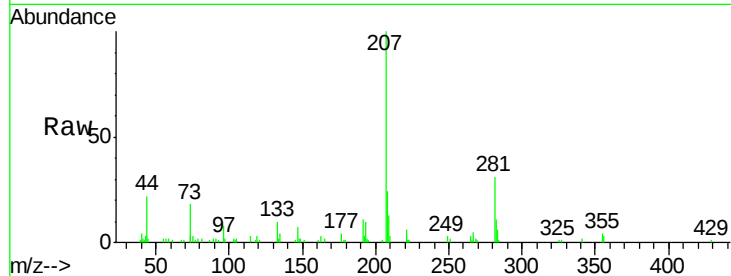




#80
 Butylbenzylphthalate
 Concen: 7.186 ng
 RT: 20.40 min Scan# 2961
 Delta R.T. -0.01 min
 Lab File: BM017210.D
 Acq: 19 Oct 2018 01:33

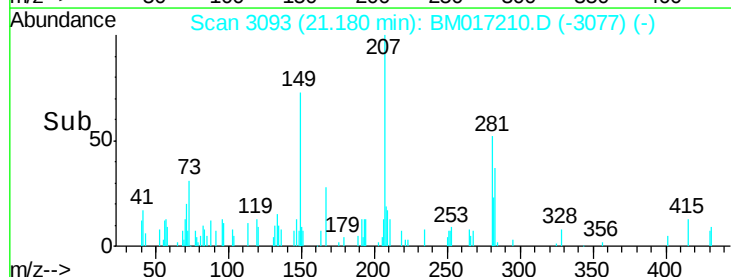
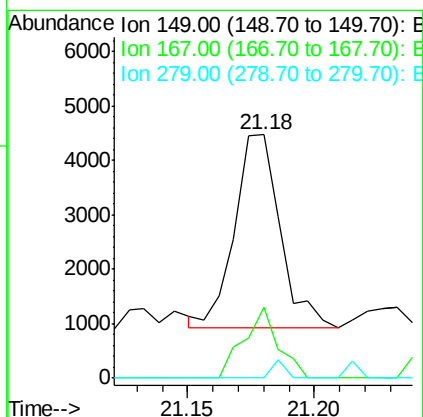
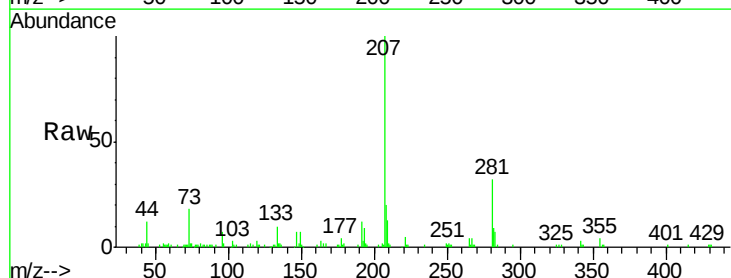
Instrument :
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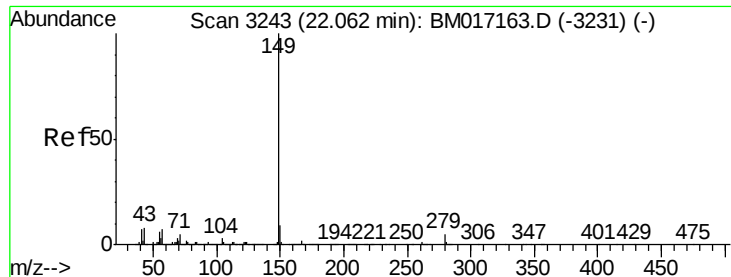
Tgt Ion:149 Resp: 362
 Ion Ratio Lower Upper
 149 100
 91 67.0 51.3 76.9
 206 0.0 18.0 27.0#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.391 ng
 RT: 21.18 min Scan# 3093
 Delta R.T. -0.01 min
 Lab File: BM017210.D
 Acq: 19 Oct 2018 01:33

Tgt Ion:149 Resp: 4400
 Ion Ratio Lower Upper
 149 100
 167 29.0 22.2 33.4
 279 0.0 3.6 5.4#





#85

Di-n-octyl phthalate

Concen: 5.591 ng

RT: 22.06 min Scan# 3242

Delta R.T. -0.01 min

Lab File: BM017210.D

Acq: 19 Oct 2018 01:33

Instrument :

BNA_M

ClientSampleId :

RLF-SW-5

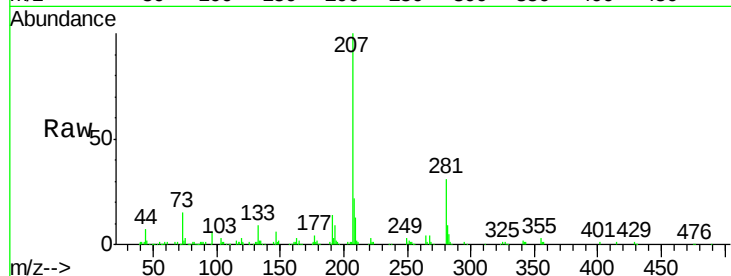
Tgt Ion:149 Resp: 1798

Ion Ratio Lower Upper

149 100

167 13.9 1.4 2.0#

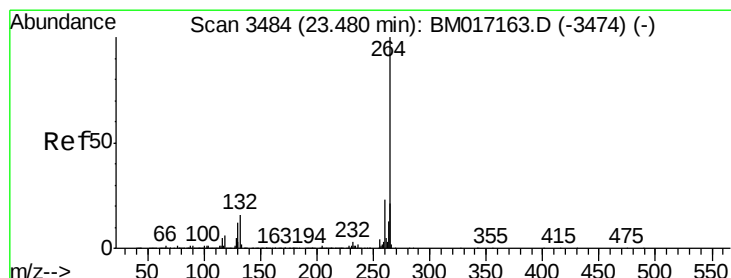
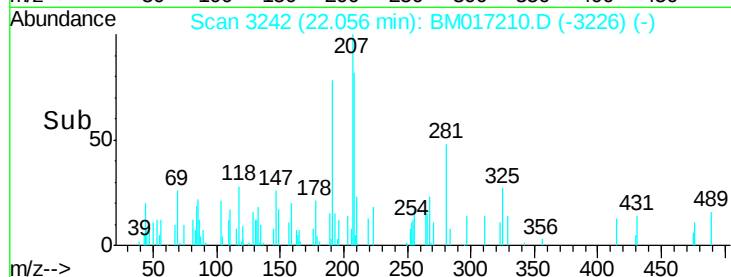
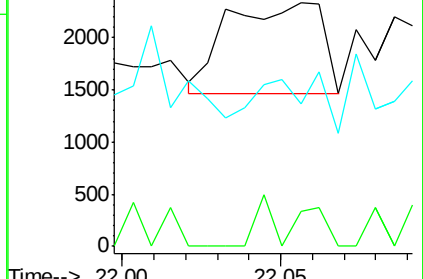
43 18.4 7.2 10.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3481

Delta R.T. -0.02 min

Lab File: BM017210.D

Acq: 19 Oct 2018 01:33

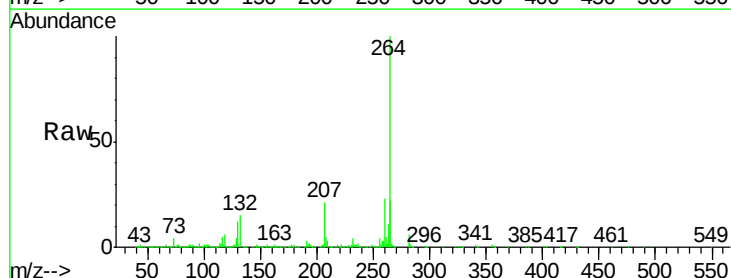
Tgt Ion:264 Resp: 1424131

Ion Ratio Lower Upper

264 100

260 22.8 18.6 27.8

265 21.9 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

