

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102218\
 Data File : BM017276.D
 Acq On : 22 Oct 2018 13:17
 Operator : MJ/SJ
 Sample : J5575-16
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 23 07:19:22 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

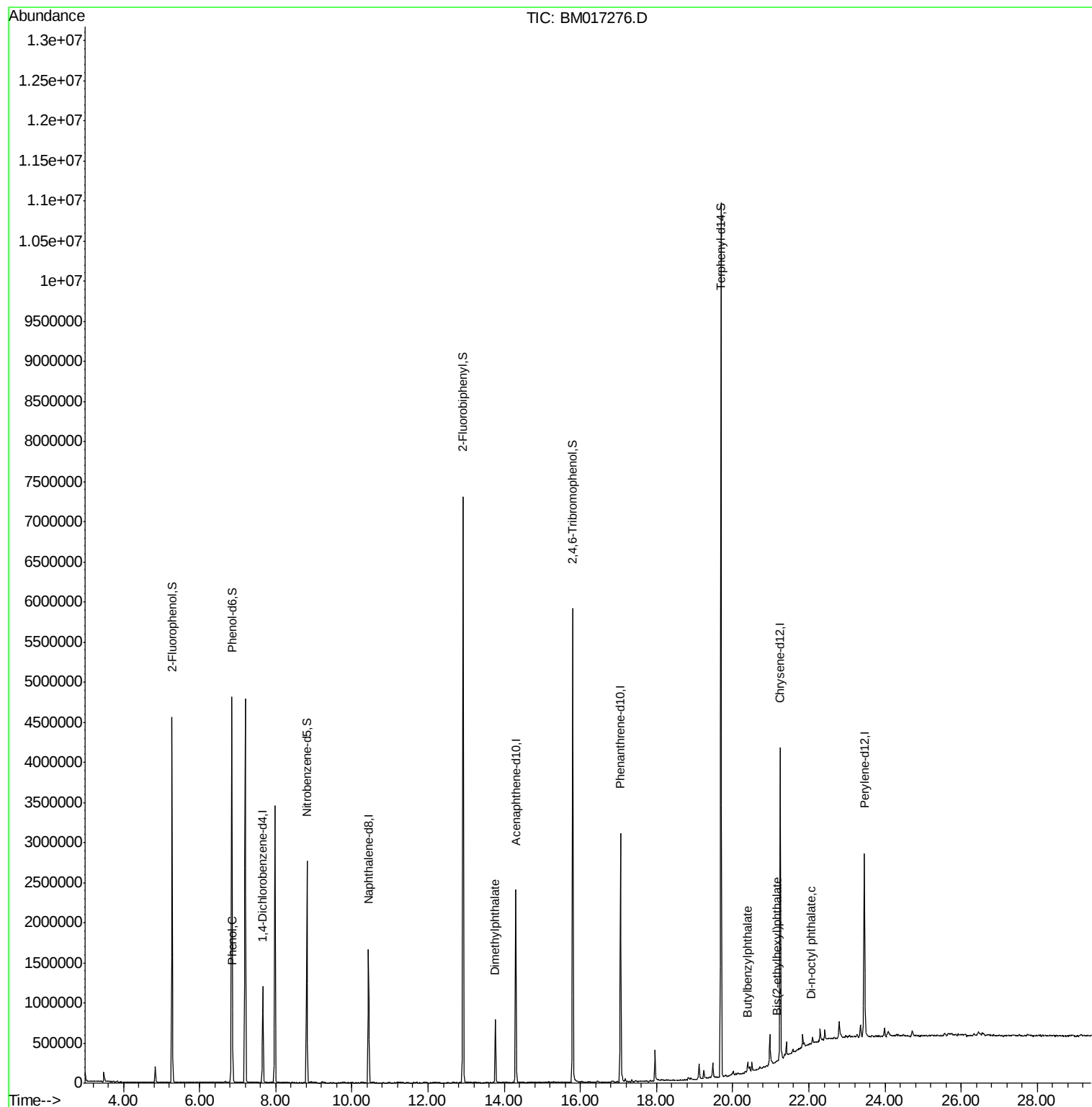
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	324467	20.00	ng	-0.01
21) Naphthalene-d8	10.43	136	1378205	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	808991	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1786916	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	1805888	20.00	ng	-0.02
87) Perylene-d12	23.46	264	1628353	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1880007	98.00	ng	-0.01
7) Phenol-d6	6.85	99	2648251	101.36	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1581095	67.10	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1047660	95.76	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	3725029	61.27	ng	-0.02
79) Terphenyl-d14	19.69	244	5039293	62.90	ng	-0.01
Target Compounds						
10) Phenol	6.87	94	113838	4.048	ng	98
50) Dimethylphthalate	13.76	163	529738	8.487	ng	100
80) Butylbenzylphthalate	20.39	149	823	7.194	ng	# 76
84) Bis(2-ethylhexyl)phthalate	21.17	149	5533	5.392	ng	# 90
85) Di-n-octyl phthalate	22.05	149	572	5.577	ng	# 1

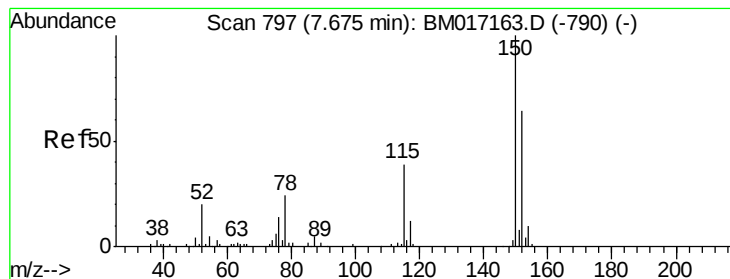
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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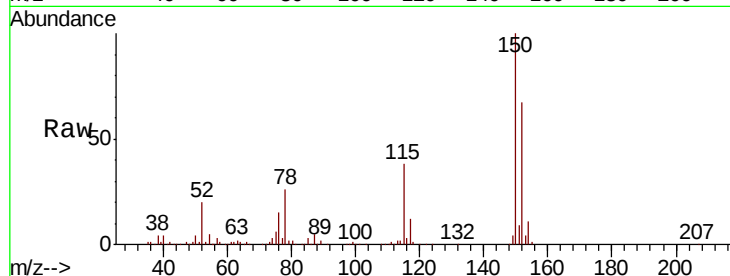


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017276.D
Acq: 22 Oct 2018 13:17

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.4	124.3	186.5
115	57.2	48.1	72.1

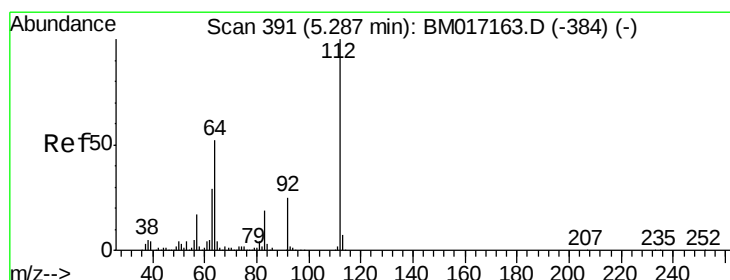
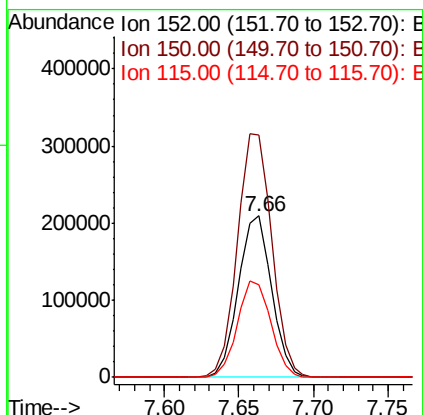
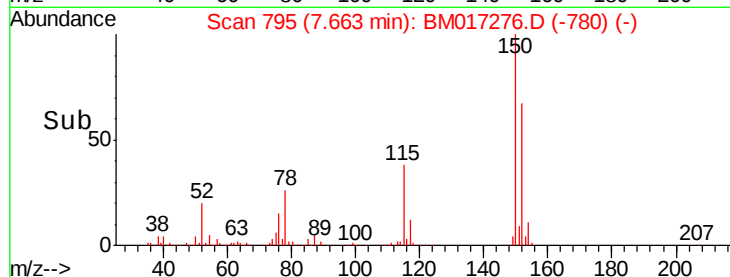


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

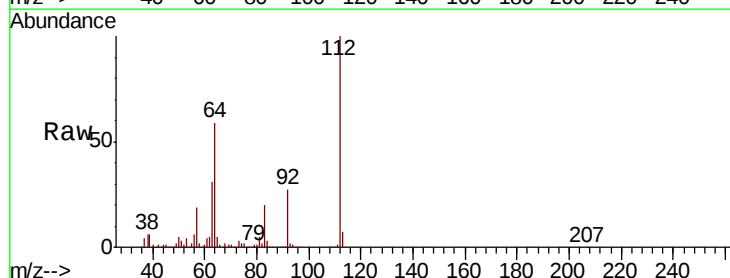
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 97.998 ng
RT: 5.28 min Scan# 389
Delta R.T. -0.01 min
Lab File: BM017276.D
Acq: 22 Oct 2018 13:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	41.7	62.5
63	30.9	23.0	34.4

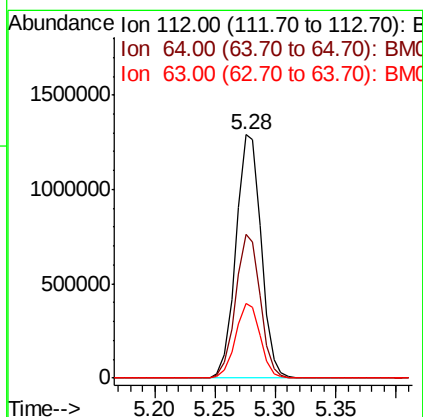
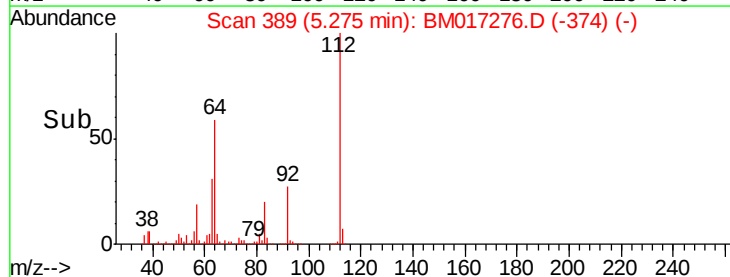


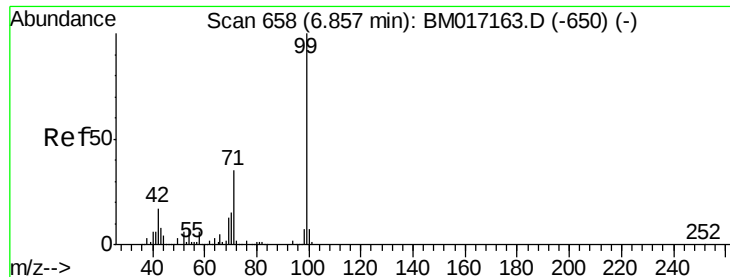
Abundance

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: 101.358 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017276.D

Acq: 22 Oct 2018 13:17

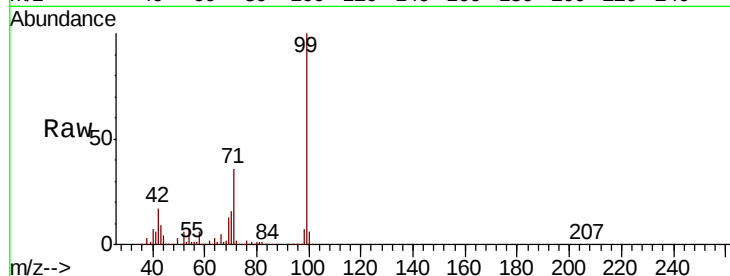
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2648251

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.3	19.9
71	36.4	28.0	42.0



Abundance

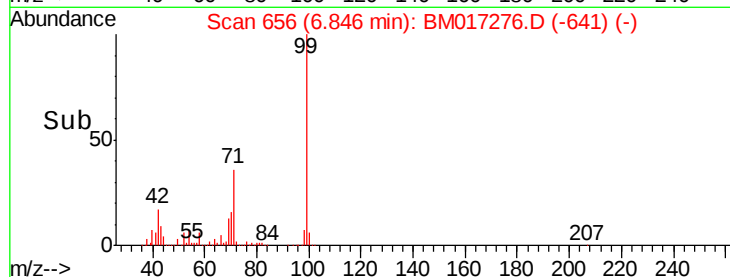
Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-650) (-)

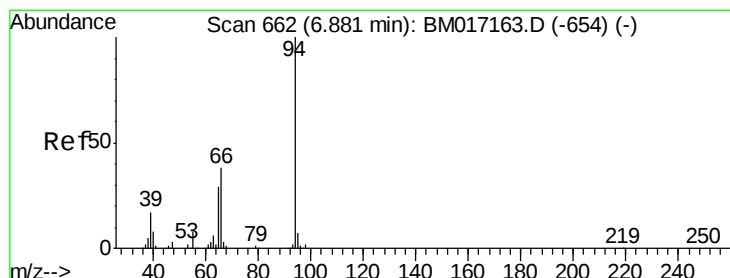
Ion 71.00 (70.70 to 71.70): BM017163.D (-650) (-)

6.85

Time-->



Time-->



#10

Phenol

Concen: 4.048 ng

RT: 6.87 min Scan# 660

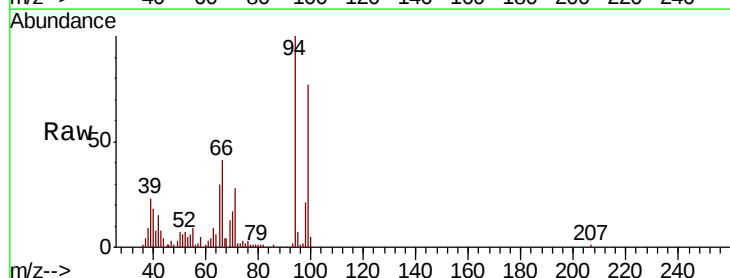
Delta R.T. -0.01 min

Lab File: BM017276.D

Acq: 22 Oct 2018 13:17

Tgt Ion: 94 Resp: 113838

Ion	Ratio	Lower	Upper
94	100		
65	29.7	9.4	49.4
66	41.0	19.0	59.0



Abundance

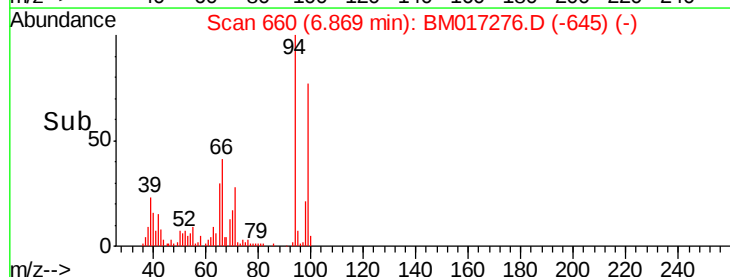
Ion 94.00 (93.70 to 94.70): BM017163.D (-654) (-)

Ion 65.00 (64.70 to 65.70): BM017163.D (-654) (-)

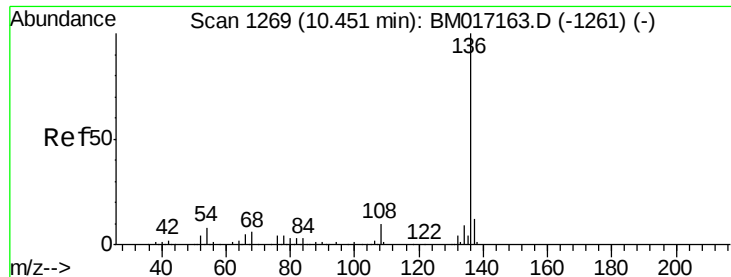
Ion 66.00 (65.70 to 66.70): BM017163.D (-654) (-)

6.87

Time-->



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BM017276.D

Acq: 22 Oct 2018 13:17

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 1378205

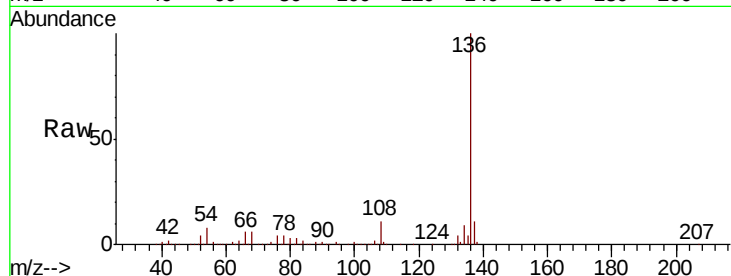
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 7.5 6.7 10.1

68 6.0 4.7 7.1

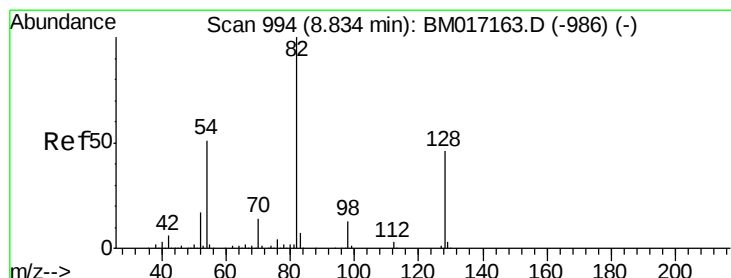
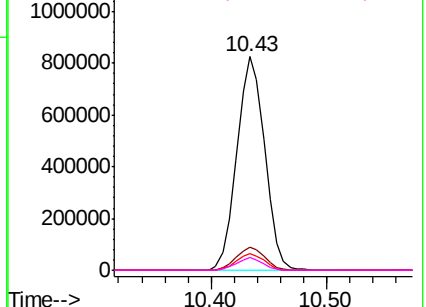
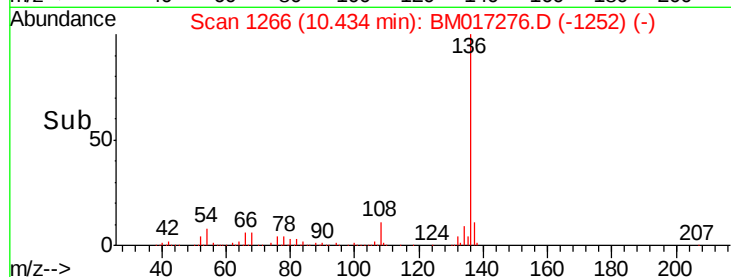


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.096 ng

RT: 8.82 min Scan# 991

Delta R.T. -0.02 min

Lab File: BM017276.D

Acq: 22 Oct 2018 13:17

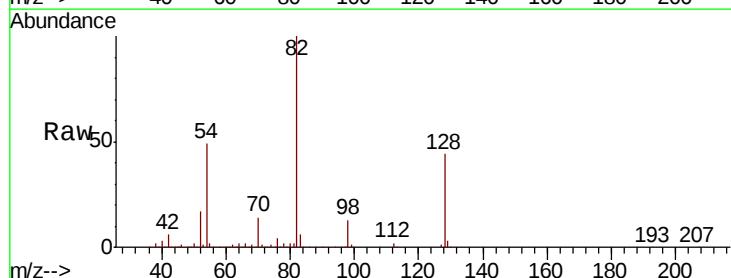
Tgt Ion: 82 Resp: 1581095

Ion Ratio Lower Upper

82 100

128 44.1 37.0 55.6

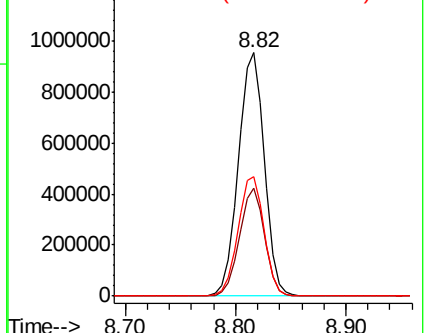
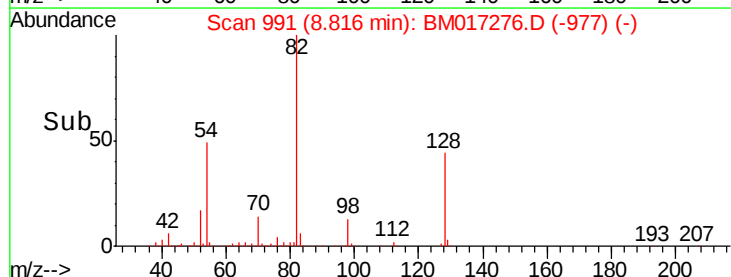
54 49.2 40.7 61.1

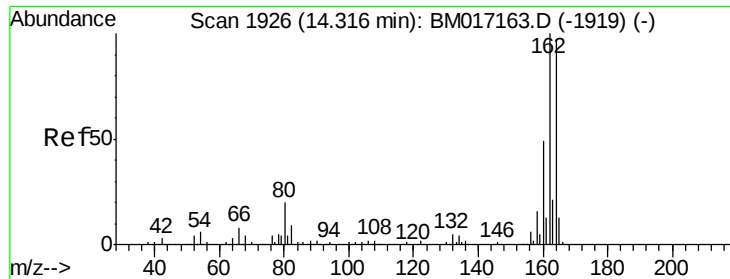


Abundance Ion 82.00 (81.70 to 82.70): BM

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: 14.30 min Scan# 1923

Delta R.T. -0.02 min

Lab File: BM017276.D

Acq: 22 Oct 2018 13:17

Instrument :

BNA_M

ClientSampleId :

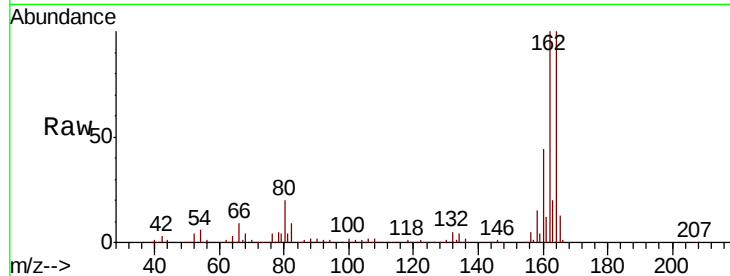
Tot Ion:164 Resp: 808991

Ion Ratio Lower Upper

164 100

162 100.0 82.1 123.1

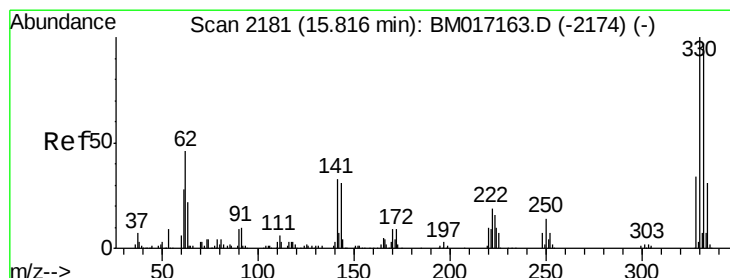
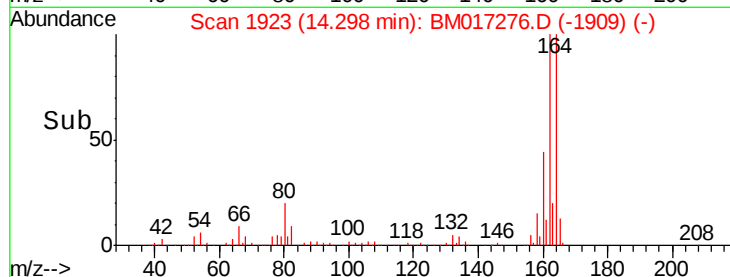
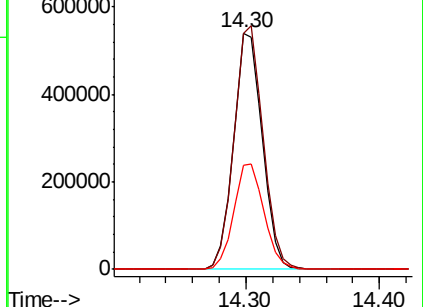
160 44.0 40.2 60.2



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: 95.761 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BM017276.D

Acq: 22 Oct 2018 13:17

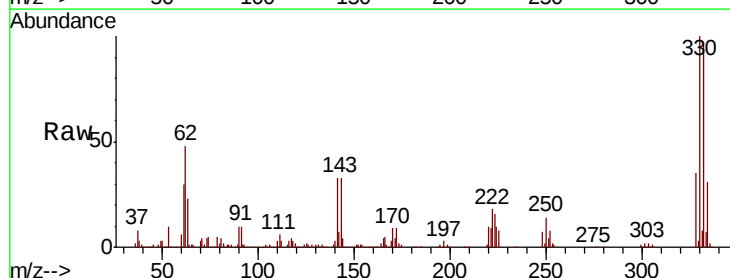
Tgt Ion:330 Resp: 1047660

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

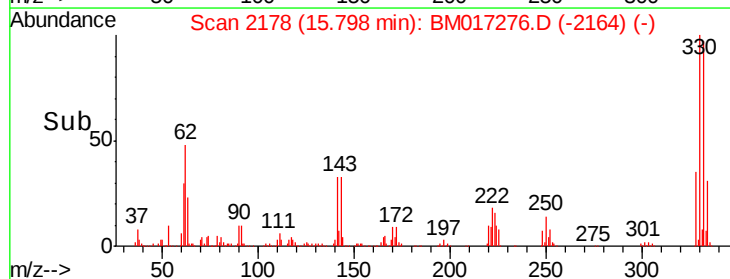
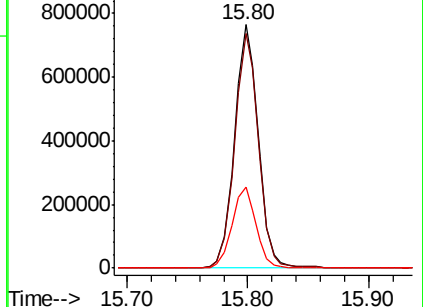
141 33.6 27.4 41.0

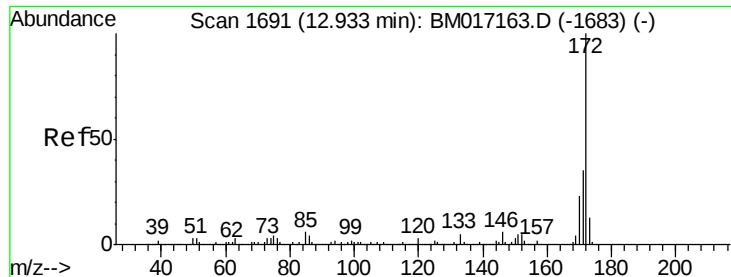


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



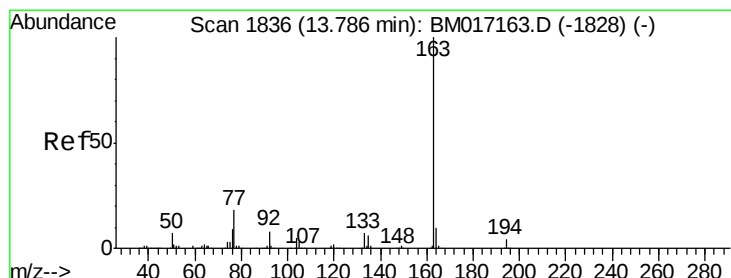
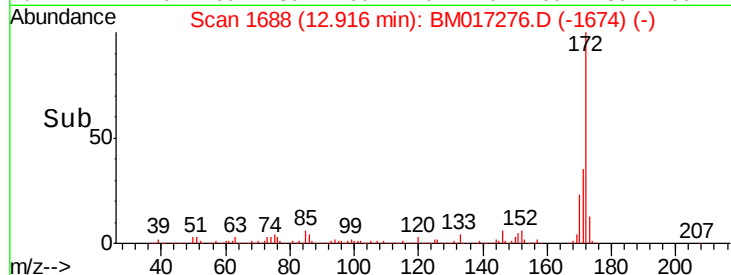
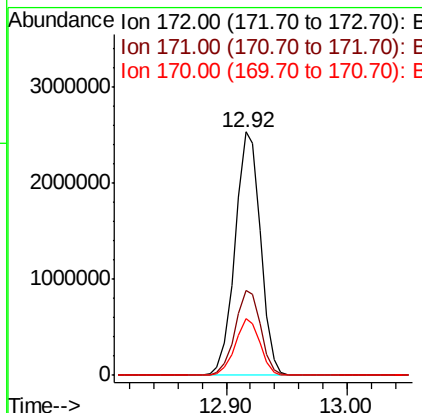
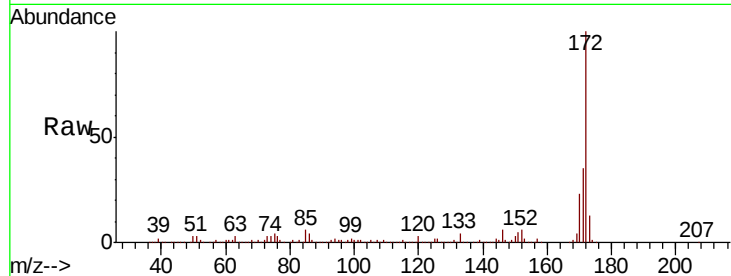


#45
 2-Fluorobiphenyl
 Concen: 61.265 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BM017276.D
 Acq: 22 Oct 2018 13:17

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 3725029

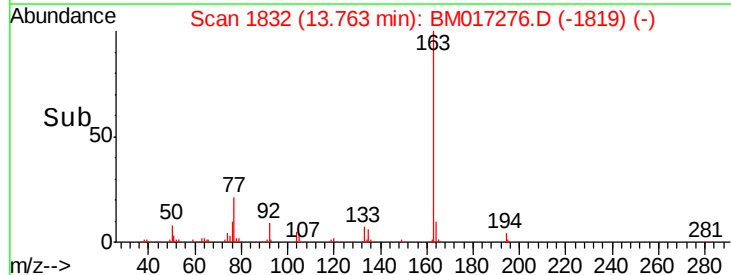
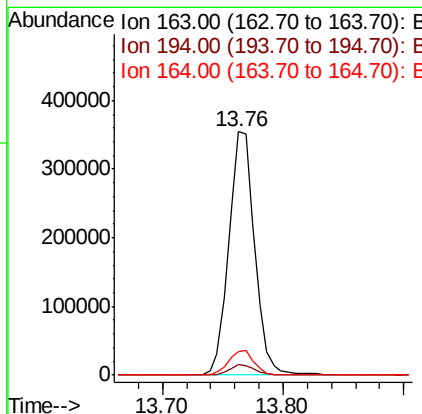
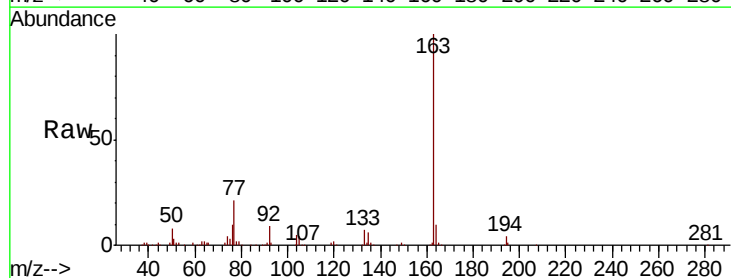
Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	23.1	18.3	27.5

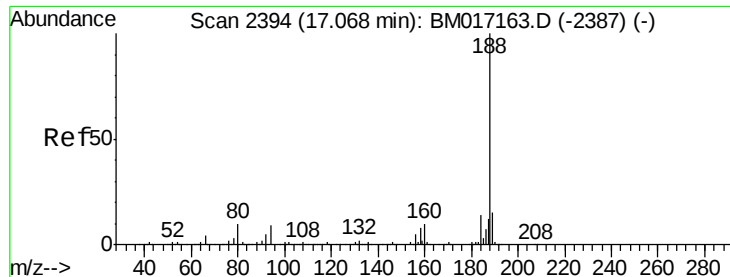


#50
 Dimethylphthalate
 Concen: 8.487 ng
 RT: 13.76 min Scan# 1832
 Delta R.T. -0.02 min
 Lab File: BM017276.D
 Acq: 22 Oct 2018 13:17

Tgt Ion:163 Resp: 529738

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	9.8	7.8	11.8

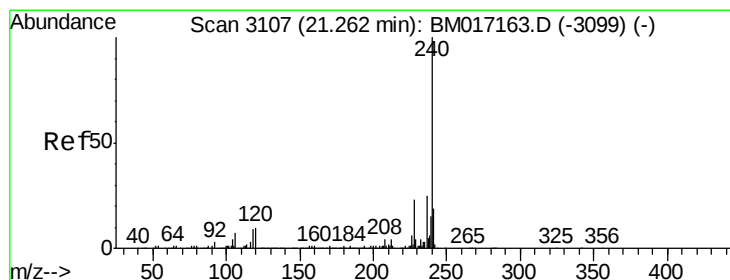
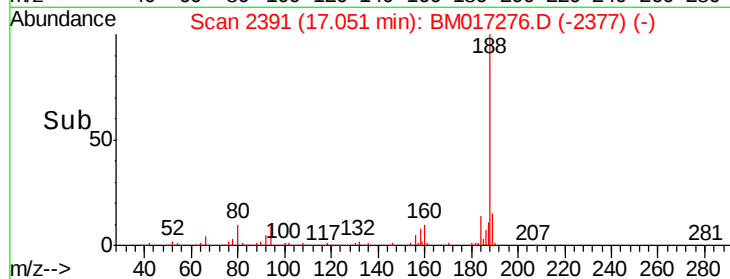
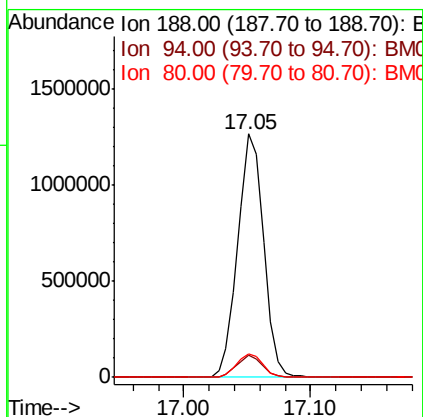
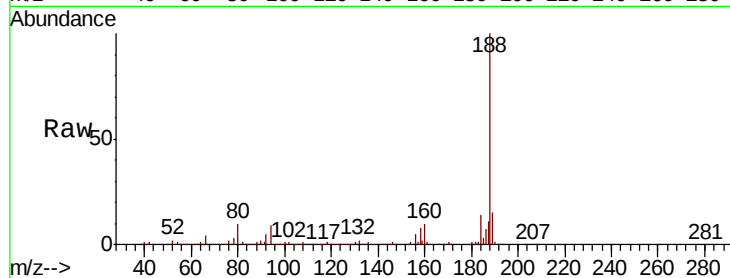




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2391
Delta R.T. -0.02 min
Lab File: BM017276.D
Acq: 22 Oct 2018 13:17

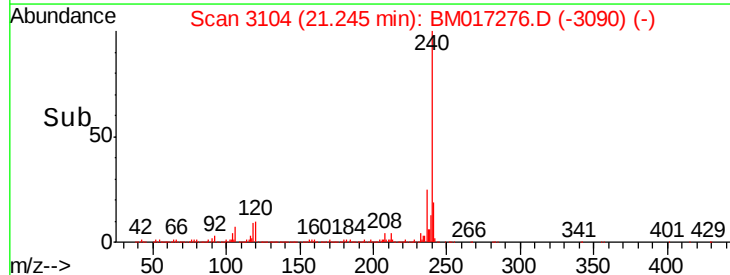
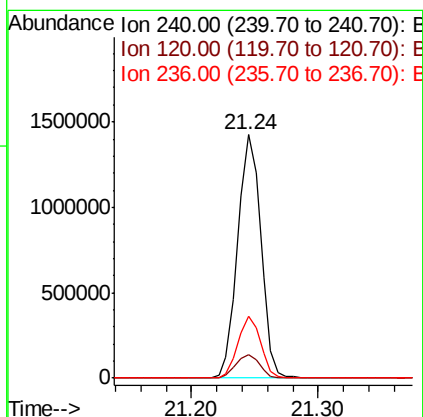
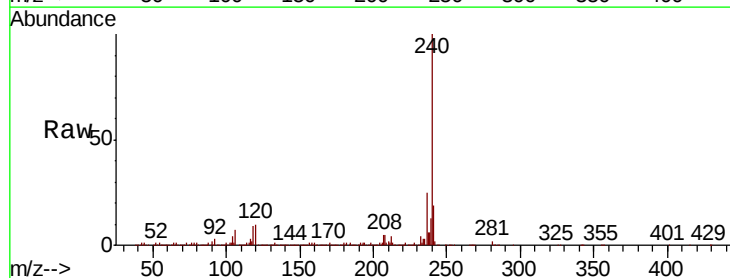
Instrument :
BNA_M
ClientSampleId :

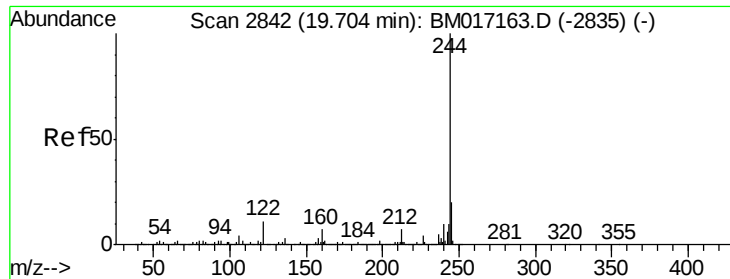
Tot Ion:188 Resp: 1786916
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 9.8 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.02 min
Lab File: BM017276.D
Acq: 22 Oct 2018 13:17

Tgt Ion:240 Resp: 1805888
Ion Ratio Lower Upper
240 100
120 9.9 8.1 12.1
236 25.3 19.9 29.9





#79

Terphenyl-d14

Concen: 62.897 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM017276.D

Acq: 22 Oct 2018 13:17

Instrument :

BNA_M

ClientSampleId :

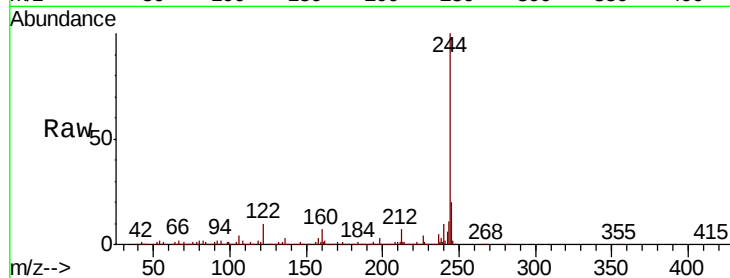
Tot Ion:244 Resp: 5039293

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

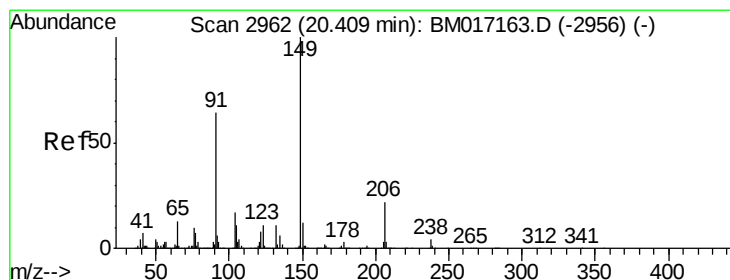
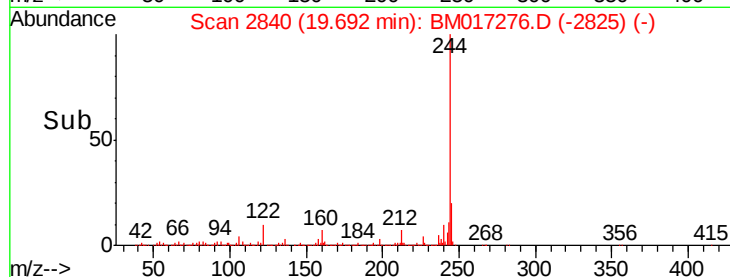
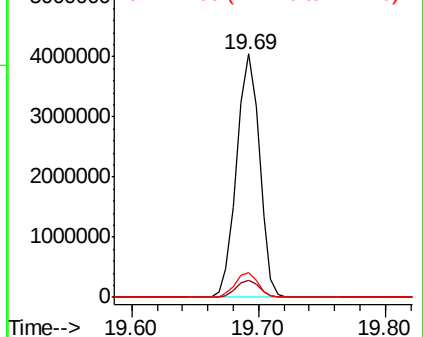
122 10.1 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 7.194 ng

RT: 20.39 min Scan# 2959

Delta R.T. -0.02 min

Lab File: BM017276.D

Acq: 22 Oct 2018 13:17

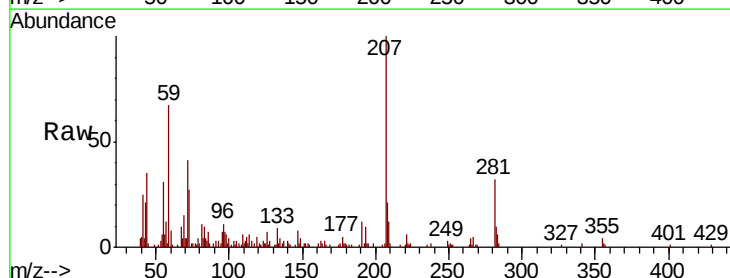
Tgt Ion:149 Resp: 823

Ion Ratio Lower Upper

149 100

91 79.0 51.3 76.9#

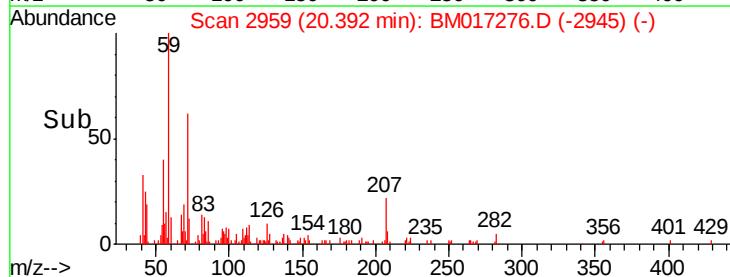
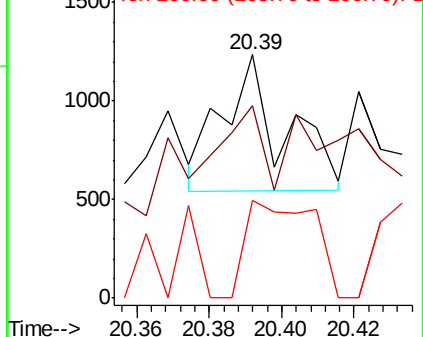
206 40.3 18.0 27.0#

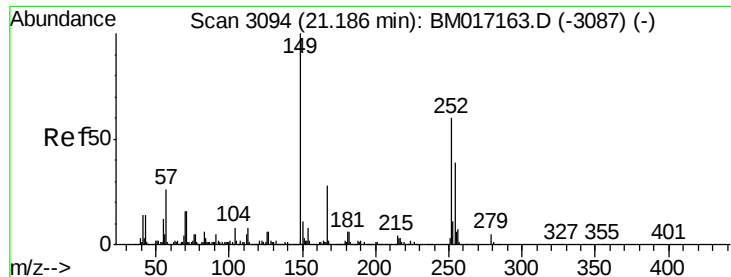


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 5.392 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM017276.D

Acq: 22 Oct 2018 13:17

Instrument :

BNA_M

ClientSampleId :

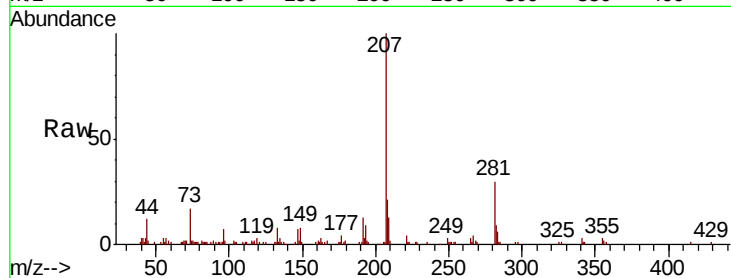
Tot Ion:149 Resp: 5533

Ion Ratio Lower Upper

149 100

167 22.7 22.2 33.4

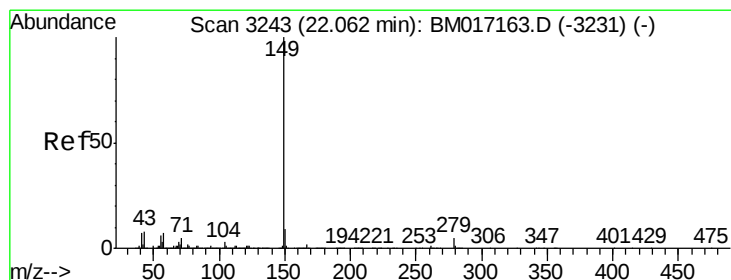
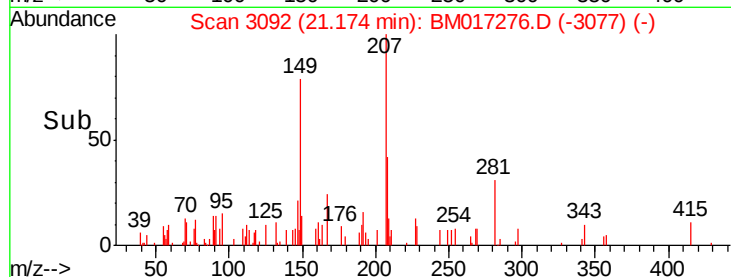
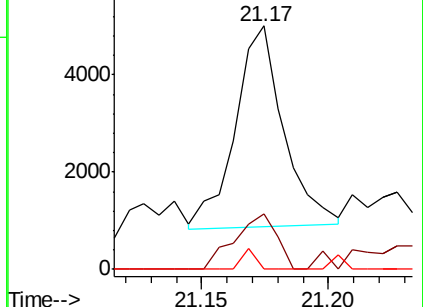
279 0.0 3.6 5.4#



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

Di-n-octyl phthalate

Concen: 5.577 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM017276.D

Acq: 22 Oct 2018 13:17

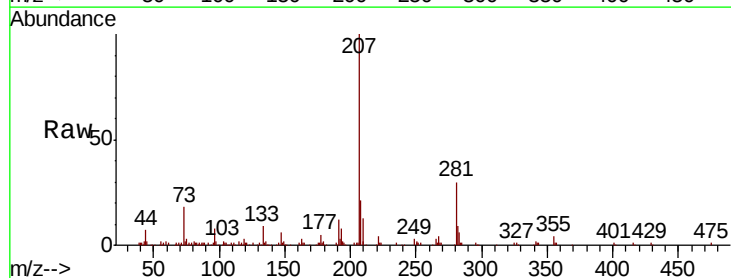
Tgt Ion:149 Resp: 572

Ion Ratio Lower Upper

149 100

167 46.9 1.4 2.0#

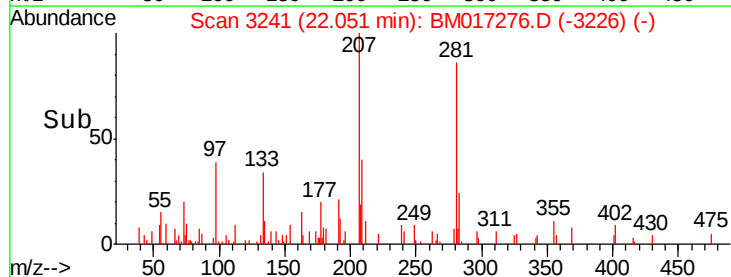
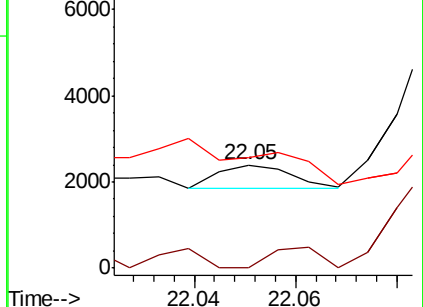
43 264.5 7.2 10.8#

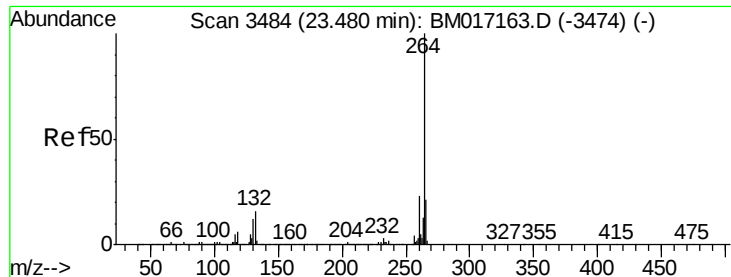


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



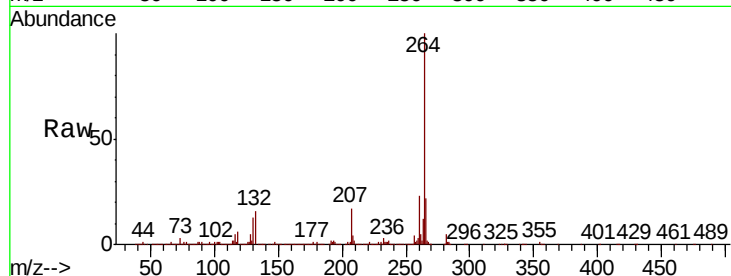


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3480
Delta R.T. -0.02 min
Lab File: BM017276.D
Acq: 22 Oct 2018 13:17

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1628353

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	21.9	17.8	26.8



Abundance Ion 264.00 (263.70 to 264.70): E
1200000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

