

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102218\
 Data File : BM017275.D
 Acq On : 22 Oct 2018 12:41
 Operator : MJ/SJ
 Sample : J5575-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 23 07:19:13 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

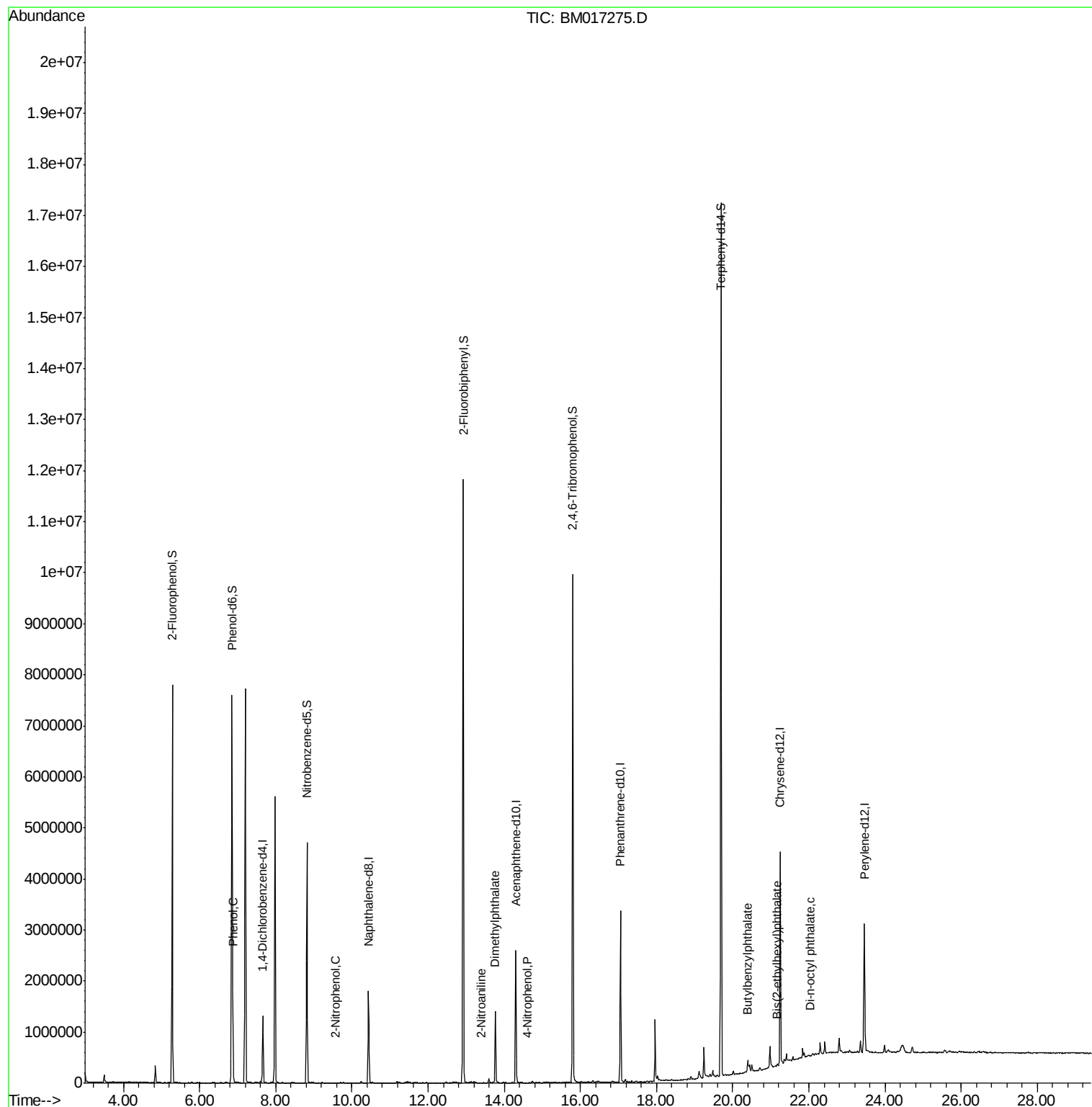
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	355456	20.00	ng	-0.01
21) Naphthalene-d8	10.43	136	1475983	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	866312	20.00	ng	-0.01
64) Phenanthrene-d10	17.05	188	1916115	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	1922533	20.00	ng	-0.02
87) Perylene-d12	23.46	264	1804727	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	3156083	150.17	ng	0.00
7) Phenol-d6	6.85	99	4410428	154.09	ng	0.00
23) Nitrobenzene-d5	8.82	82	2661579	105.46	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1816658	155.06	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	6145000	94.38	ng	-0.01
79) Terphenyl-d14	19.69	244	8147466	95.52	ng	-0.01
Target Compounds						
10) Phenol	6.87	94	413484	13.422	ng	98
26) 2-Nitrophenol	9.57	139	134	5.713	ng	# 34
48) 2-Nitroaniline	13.39	65	121	5.694	ng	# 22
50) Dimethylphthalate	13.76	163	907589	13.579	ng	100
56) 4-Nitrophenol	14.59	139	147	4.726	ng	# 60
80) Butylbenzylphthalate	20.39	149	3935	7.258	ng	# 61
84) Bis(2-ethylhexyl)phthalate	21.17	149	14255	5.511	ng	97
85) Di-n-octyl phthalate	22.04	149	3692	5.602	ng	# 76

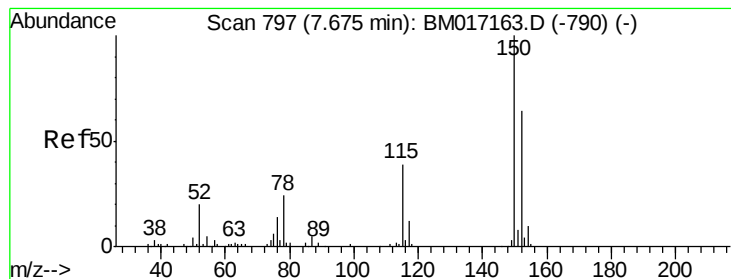
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102218\
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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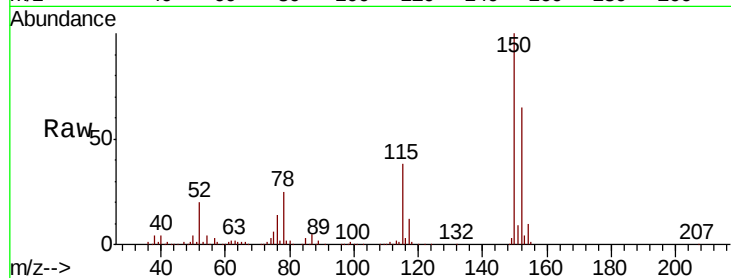


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017275.D
Acq: 22 Oct 2018 12:41

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.3	186.5
115	58.8	48.1	72.1

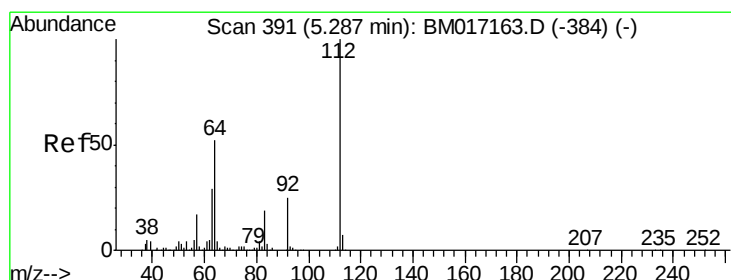
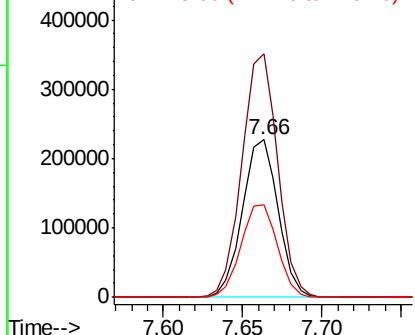
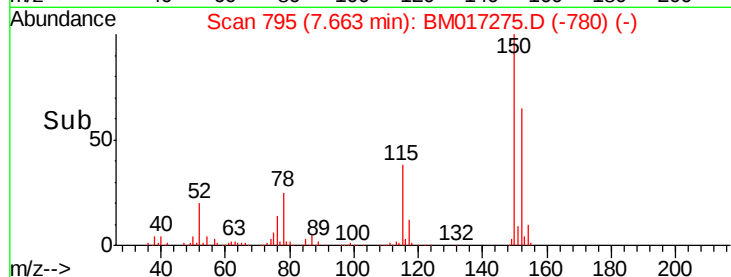


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

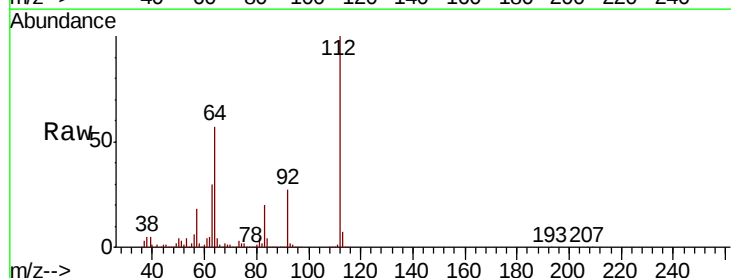
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 150.173 ng
RT: 5.28 min Scan# 390
Delta R.T. -0.01 min
Lab File: BM017275.D
Acq: 22 Oct 2018 12:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	41.7	62.5
63	29.7	23.0	34.4

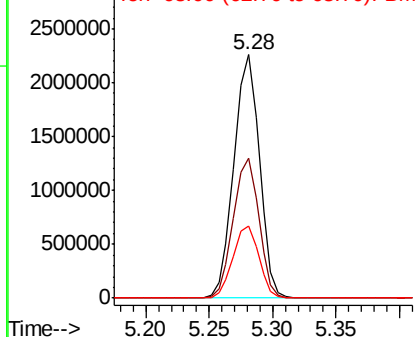
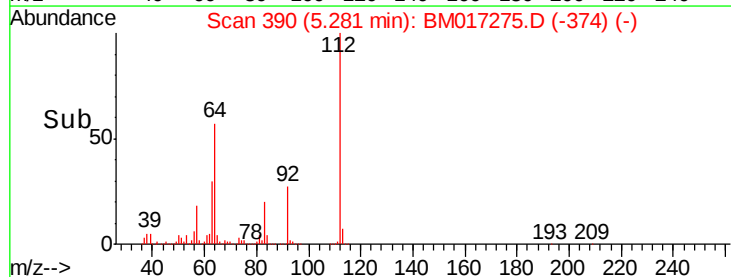


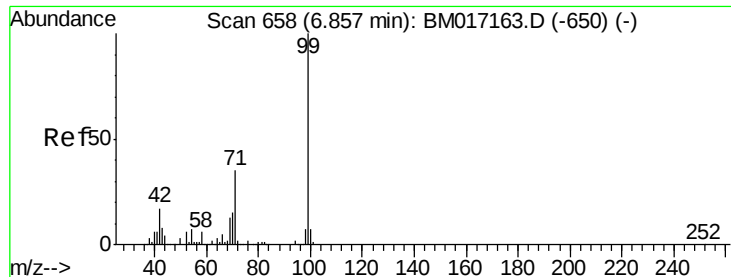
Abundance

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: 154.087 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017275.D

Acq: 22 Oct 2018 12:41

Instrument :

BNA_M

ClientSampleId :

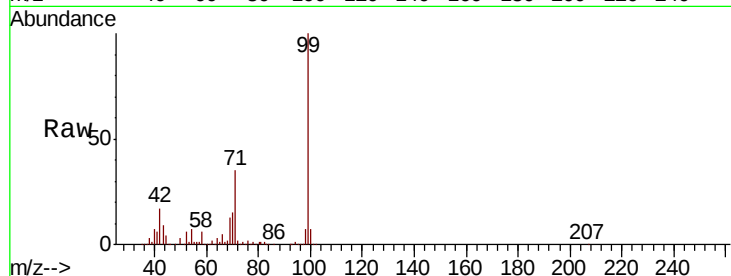
Tot Ion: 99 Resp: 4410428

Ion Ratio Lower Upper

99 100

42 17.2 13.3 19.9

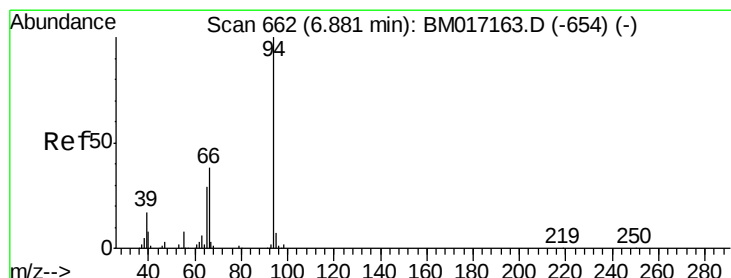
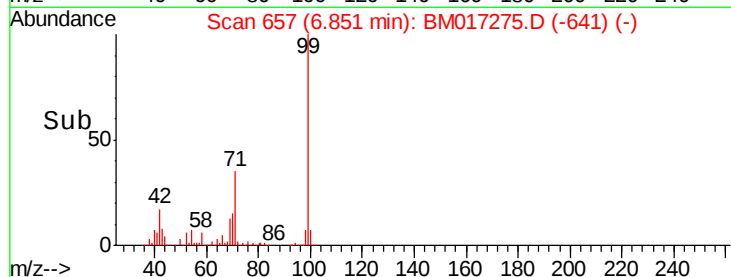
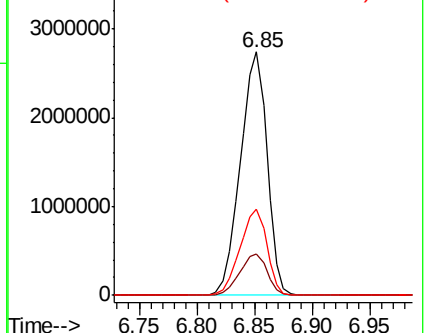
71 35.3 28.0 42.0



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) (-)



#10

Phenol

Concen: 13.422 ng

RT: 6.87 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM017275.D

Acq: 22 Oct 2018 12:41

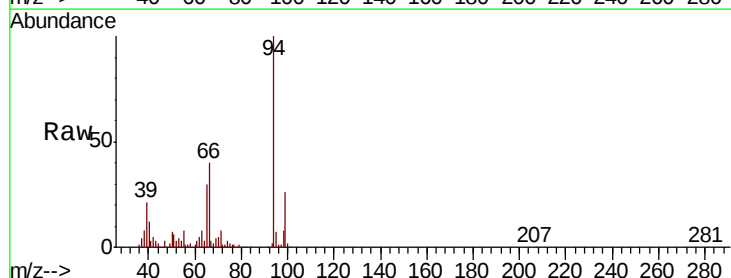
Tgt Ion: 94 Resp: 413484

Ion Ratio Lower Upper

94 100

65 30.1 9.4 49.4

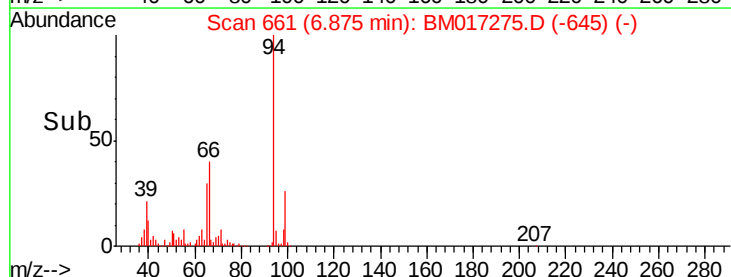
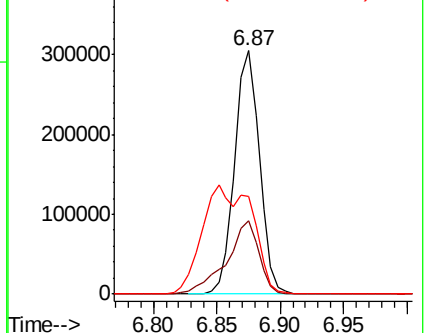
66 40.3 19.0 59.0

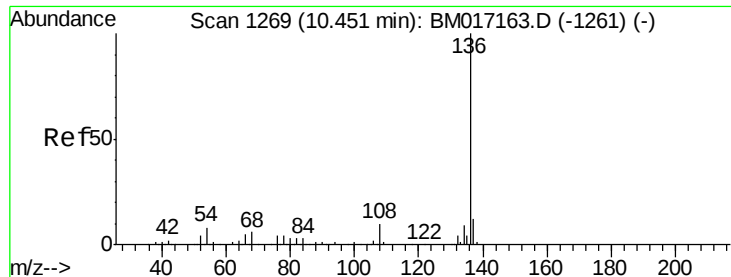


Abundance Ion 94.00 (93.70 to 94.70): BM017163.D (-654) (-)

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

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BM017275.D

Acq: 22 Oct 2018 12:41

Instrument :

BNA_M

ClientSampled :

Tot Ion:136 Resp: 1475983

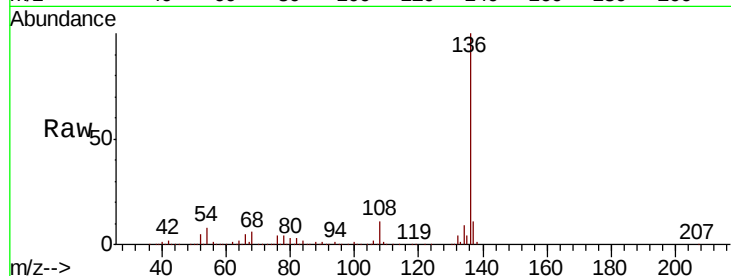
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 8.0 6.7 10.1

68 5.7 4.7 7.1

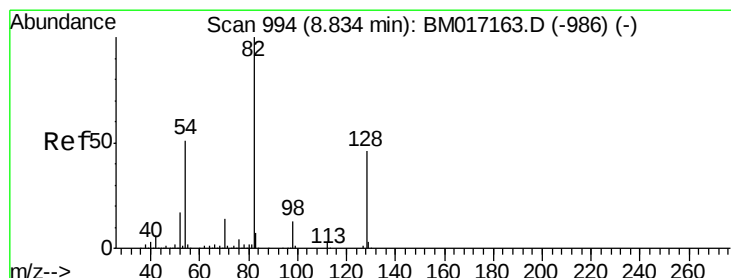
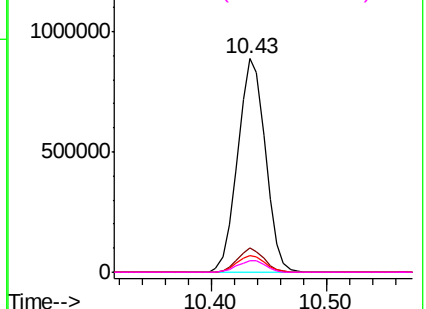
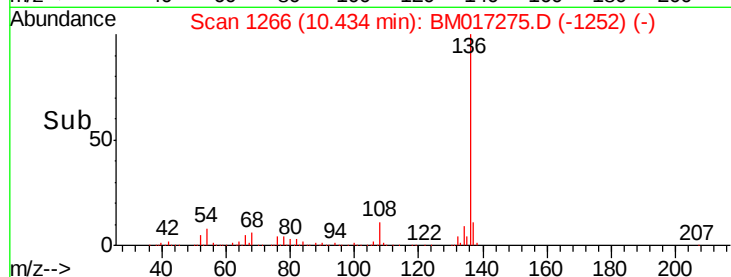


Abundance Ion 136.00 (135.70 to 136.70): E

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: 105.465 ng

RT: 8.82 min Scan# 991

Delta R.T. -0.02 min

Lab File: BM017275.D

Acq: 22 Oct 2018 12:41

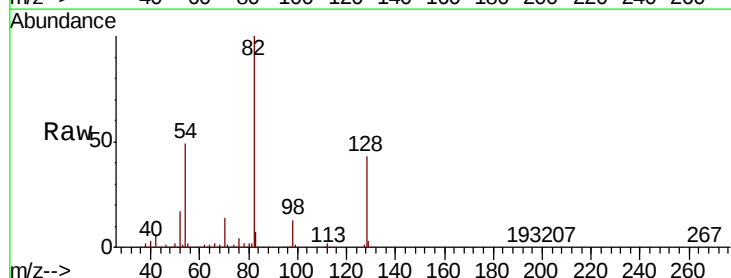
Tgt Ion: 82 Resp: 2661579

Ion Ratio Lower Upper

82 100

128 43.3 37.0 55.6

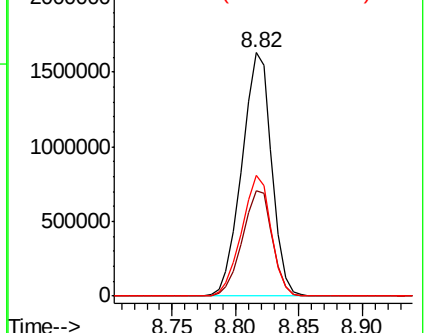
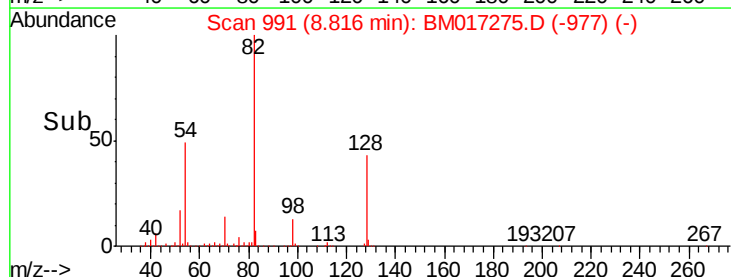
54 49.4 40.7 61.1

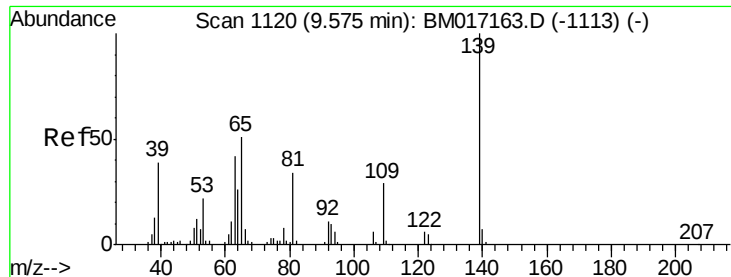


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

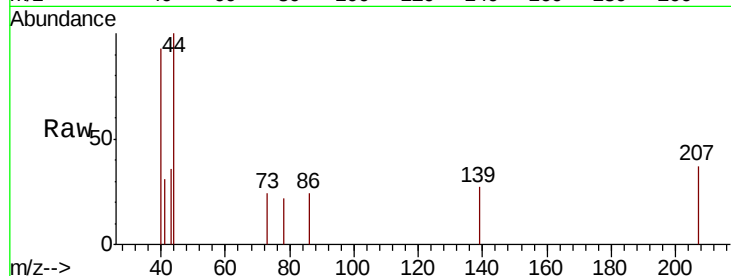




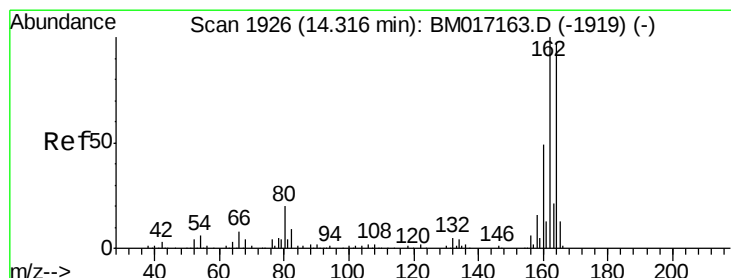
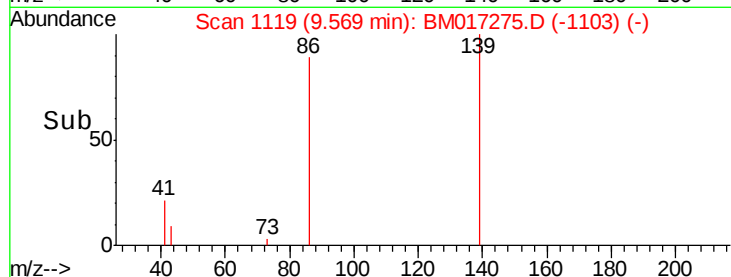
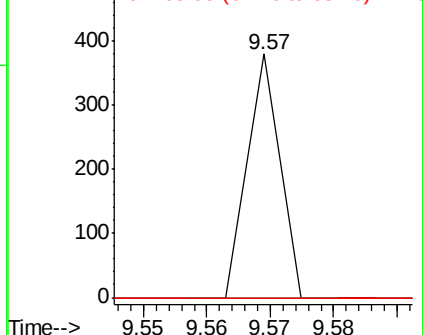
#26
2-Nitrophenol
Concen: 5.713 ng
RT: 9.57 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BM017275.D
Acq: 22 Oct 2018 12:41

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	23.2	34.8#
65	0.0	40.6	61.0#

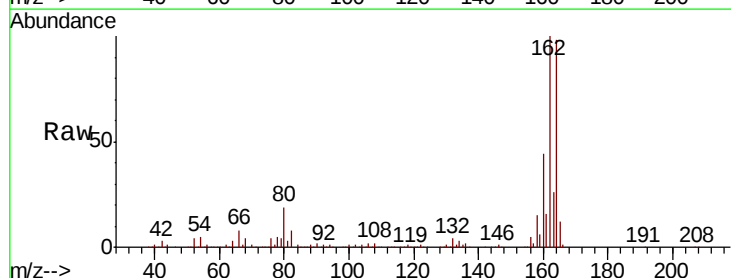


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM

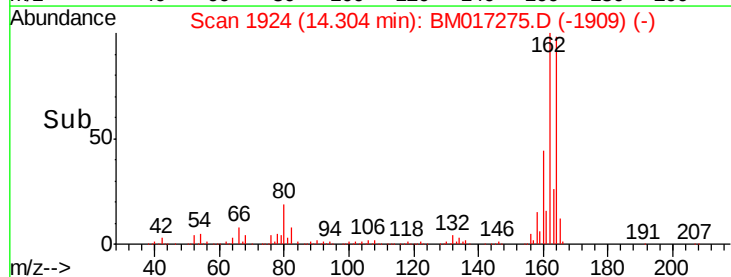
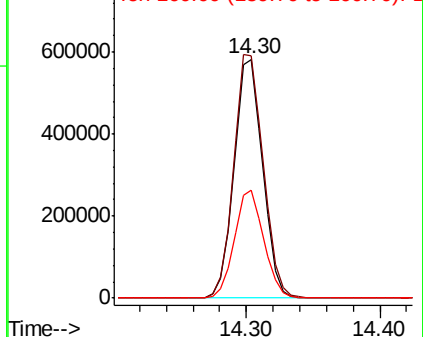


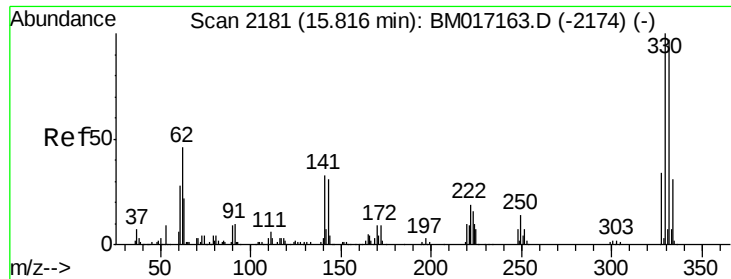
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM017275.D
Acq: 22 Oct 2018 12:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.1	123.1
160	45.1	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

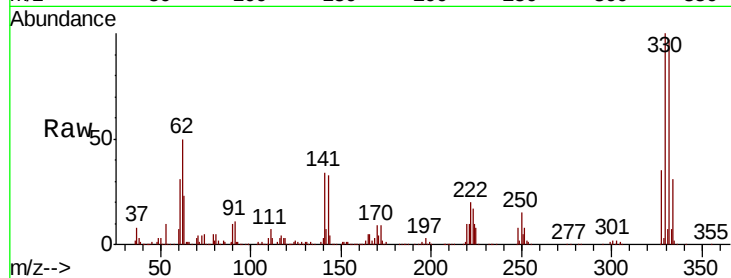




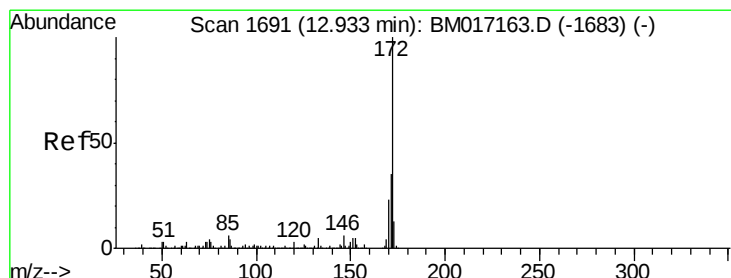
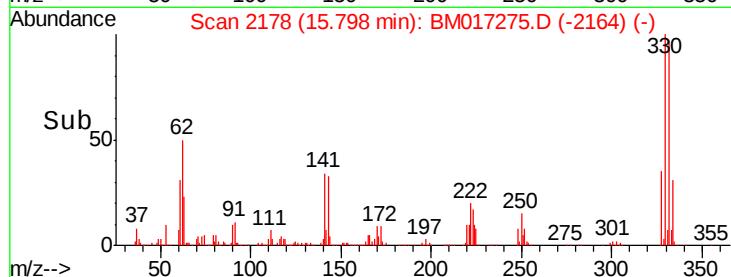
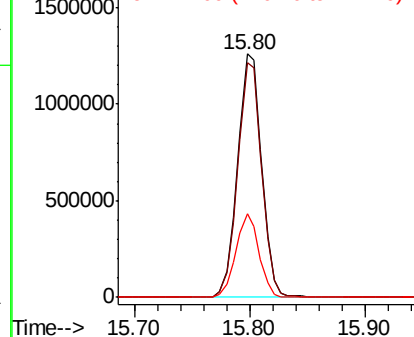
#42
 2,4,6-Tribromophenol
 Concen: 155.063 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BM017275.D
 Acq: 22 Oct 2018 12:41

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 1816658
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.3 115.9
 141 33.3 27.4 41.0

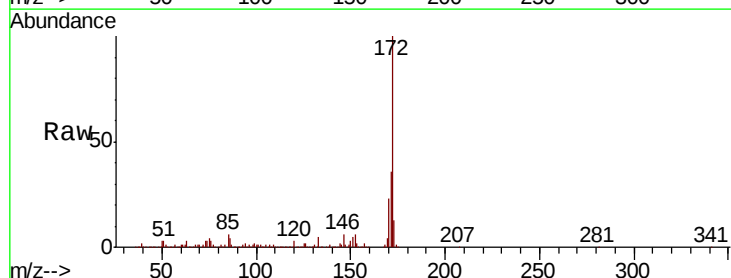


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

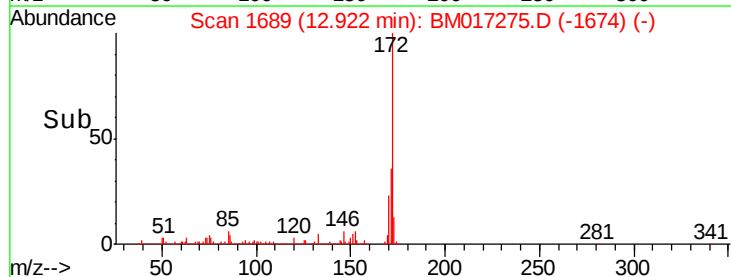
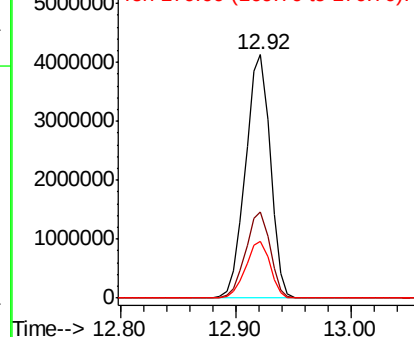


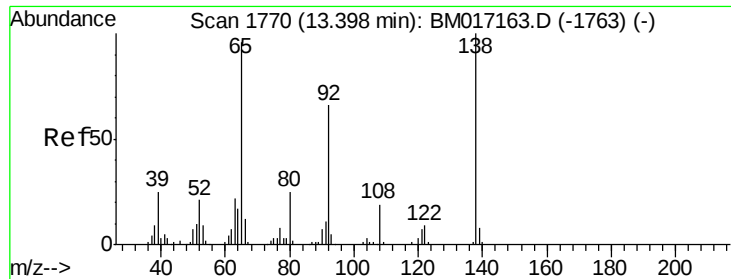
#45
 2-Fluorobiphenyl
 Concen: 94.379 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM017275.D
 Acq: 22 Oct 2018 12:41

Tgt Ion:172 Resp: 6145000
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.3 42.5
 170 23.1 18.3 27.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

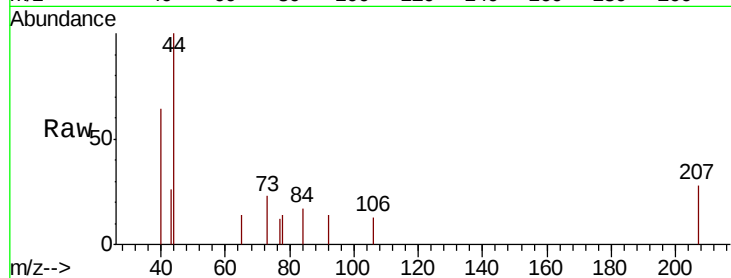




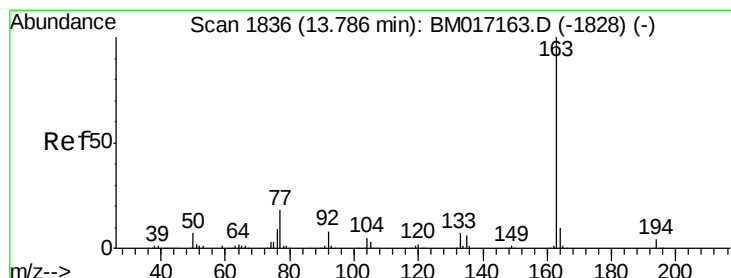
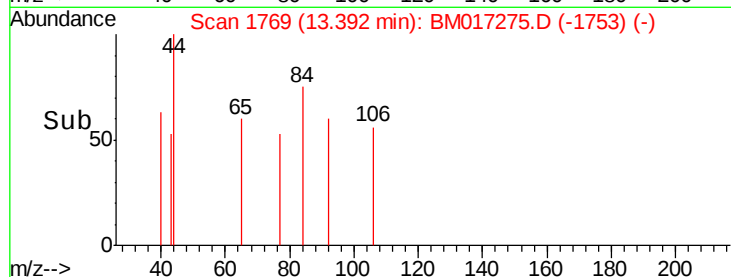
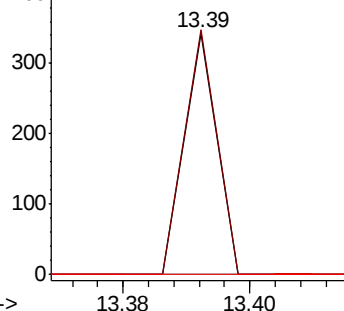
#48
2-Nitroaniline
Concen: 5.694 ng
RT: 13.39 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM017275.D
Acq: 22 Oct 2018 12:41

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 65 Resp: 121
Ion Ratio Lower Upper
65 100
92 101.5 54.9 82.3#
138 0.0 83.7 125.5#

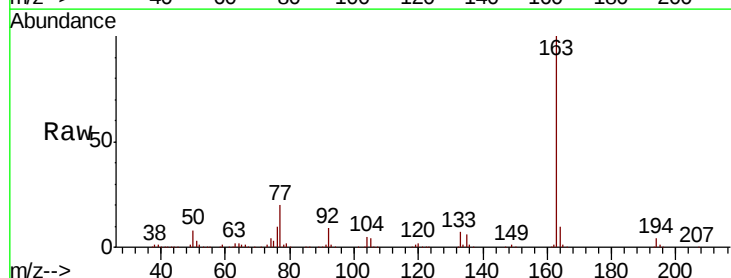


Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E

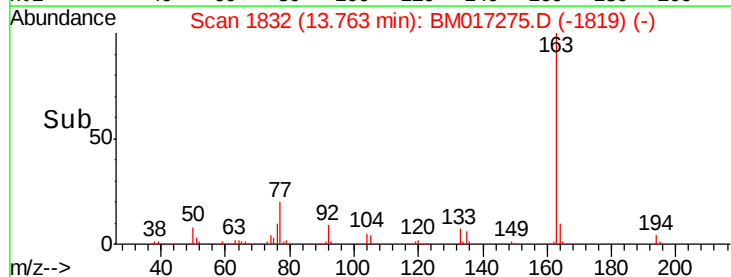
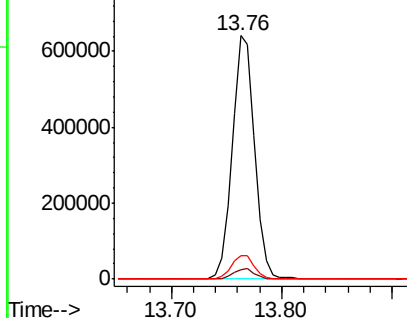


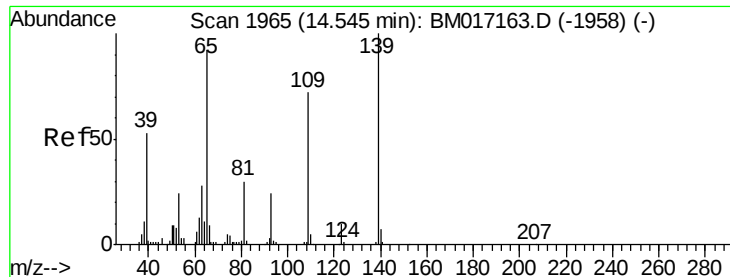
#50
Dimethylphthalate
Concen: 13.579 ng
RT: 13.76 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BM017275.D
Acq: 22 Oct 2018 12:41

Tgt Ion:163 Resp: 907589
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.7 7.8 11.8



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

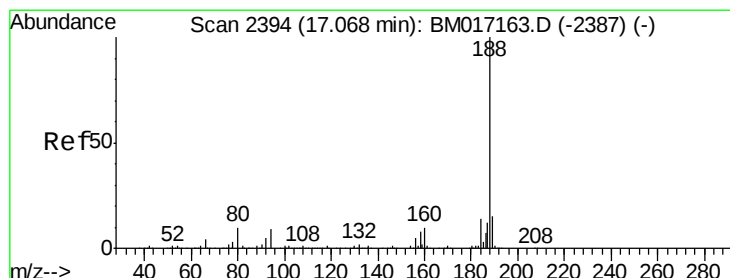
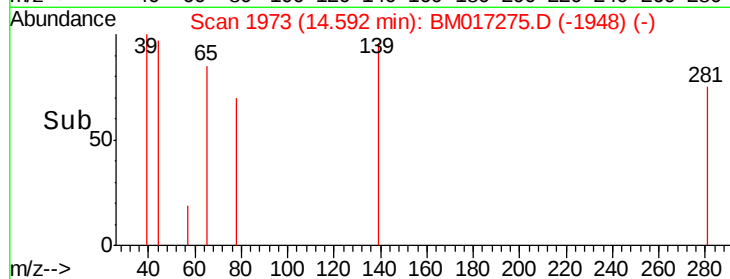
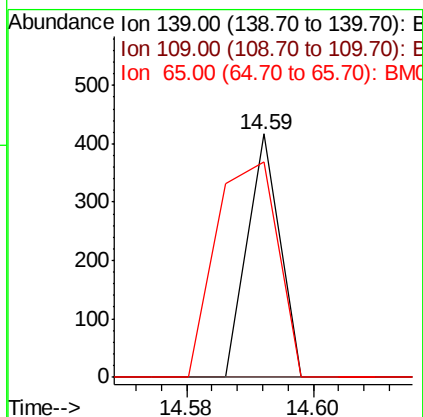
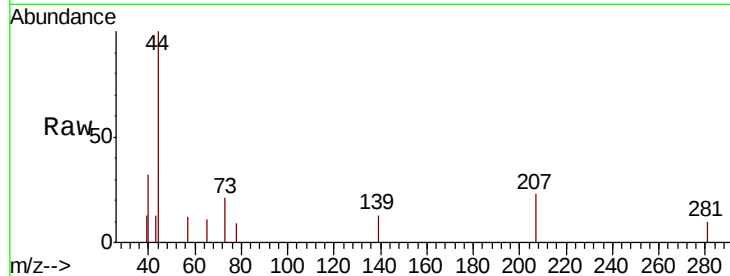




#56
4-Nitrophenol
Concen: 4.726 ng
RT: 14.59 min Scan# 1973
Delta R.T. 0.05 min
Lab File: BM017275.D
Acq: 22 Oct 2018 12:41

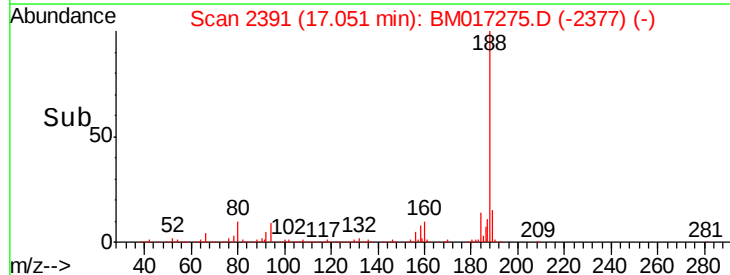
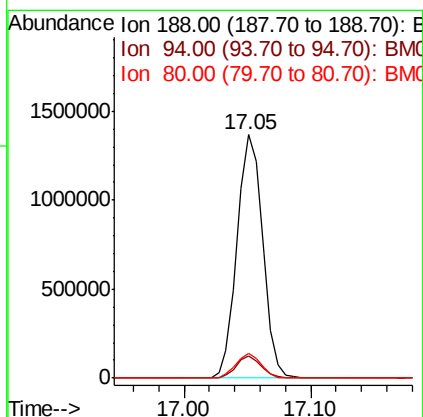
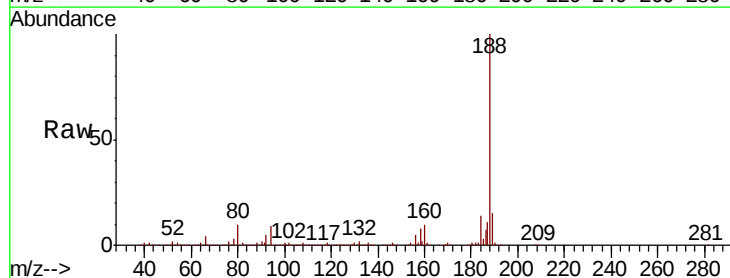
Instrument :
BNA_M
ClientSampled :

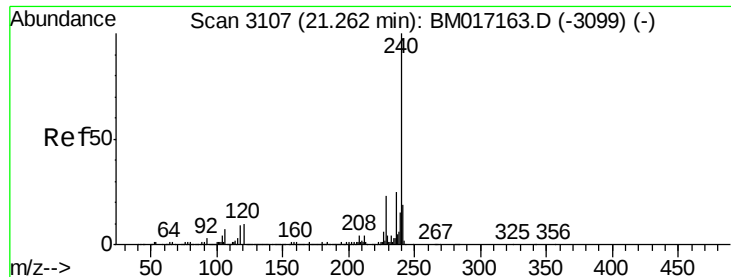
Tot Ion:139 Resp: 147
Ion Ratio Lower Upper
139 100
109 0.0 51.8 91.8#
65 88.2 72.1 112.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2391
Delta R.T. -0.02 min
Lab File: BM017275.D
Acq: 22 Oct 2018 12:41

Tgt Ion:188 Resp: 1916115
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 10.0 7.7 11.5

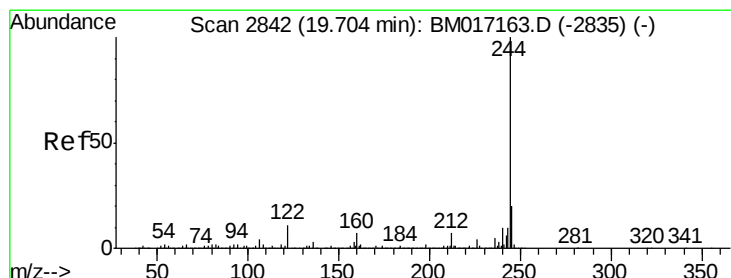
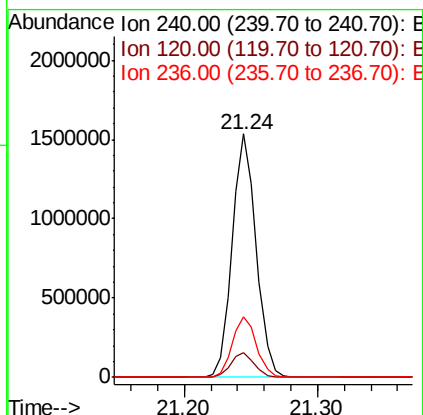
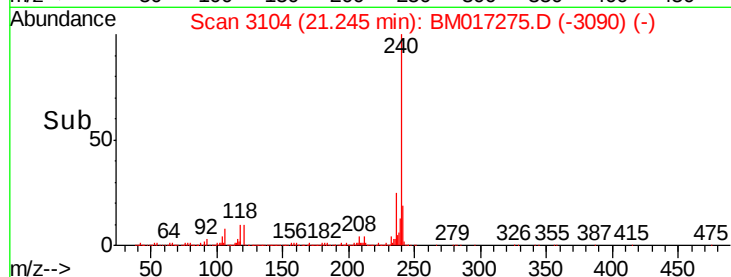
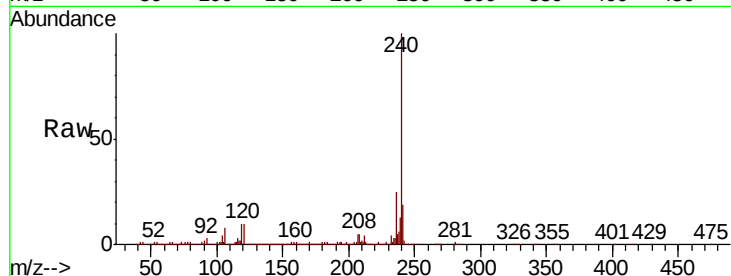




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.24 min Scan# 3104
 Delta R.T. -0.02 min
 Lab File: BM017275.D
 Acq: 22 Oct 2018 12:41

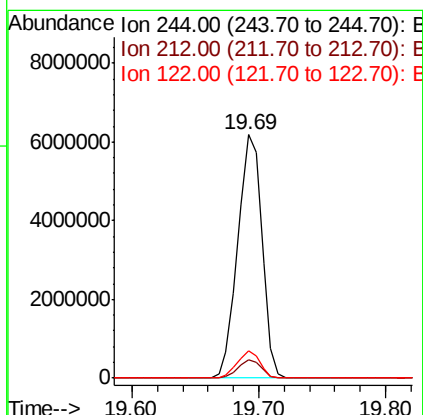
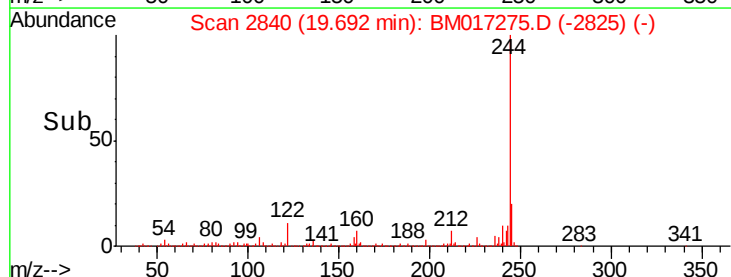
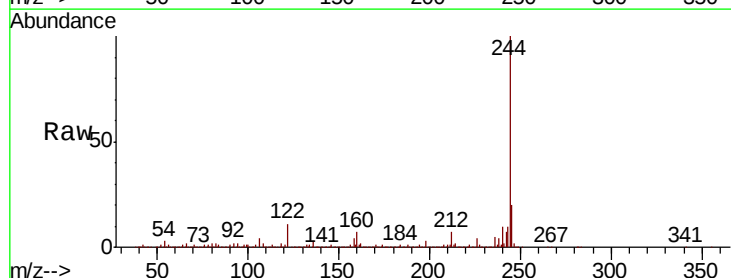
Instrument :
 BNA_M
 ClientSampleId :

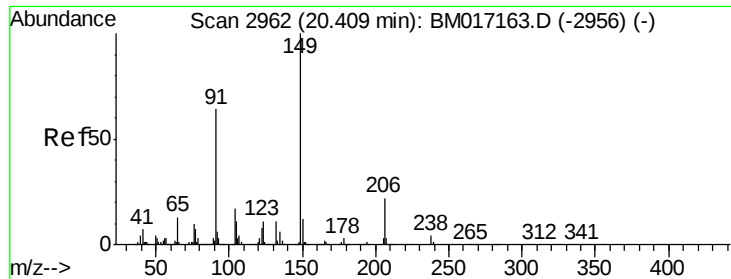
Tot Ion:240 Resp: 1922533
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.1 12.1
 236 25.1 19.9 29.9



#79
 Terphenyl-d14
 Concen: 95.522 ng
 RT: 19.69 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BM017275.D
 Acq: 22 Oct 2018 12:41

Tgt Ion:244 Resp: 8147466
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.5 8.3
 122 11.0 8.4 12.6

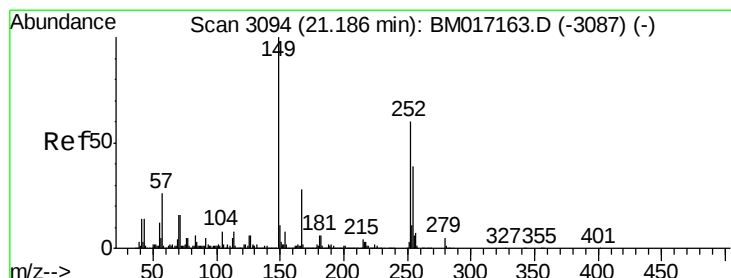
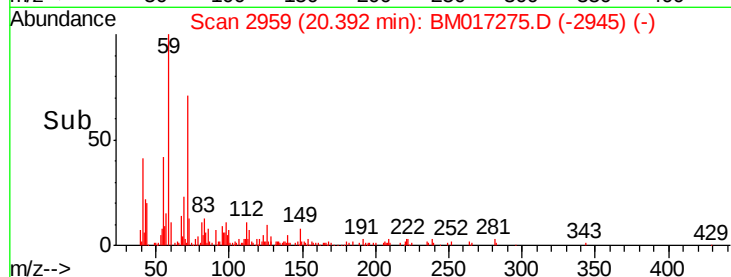
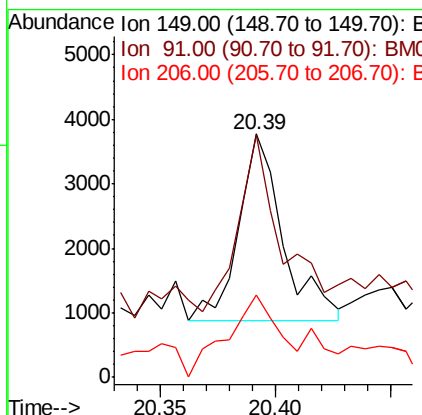
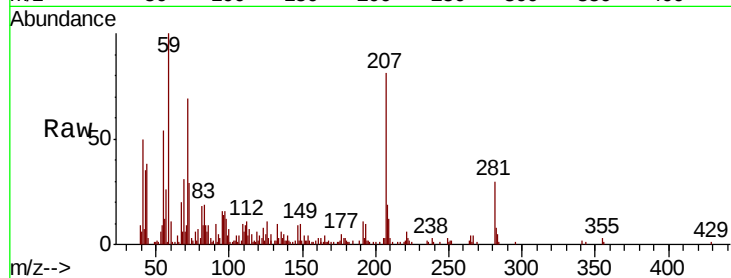




#80
Butylbenzylphthalate
Concen: 7.258 ng
RT: 20.39 min Scan# 2959
Delta R.T. -0.02 min
Lab File: BM017275.D
Acq: 22 Oct 2018 12:41

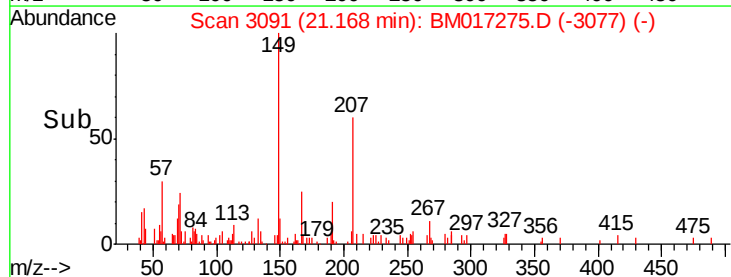
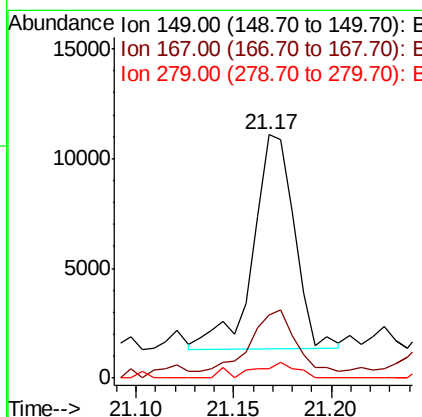
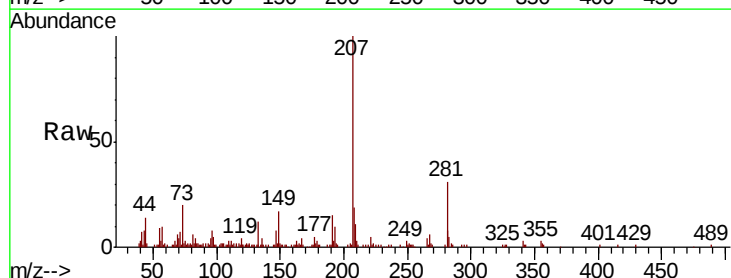
Instrument :
BNA_M
ClientSampled :

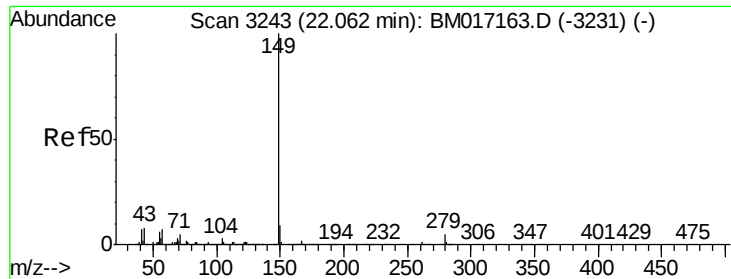
Tot Ion	Ratio	Lower	Upper
149	100		
91	99.3	51.3	76.9#
206	33.7	18.0	27.0#



#84
Bis(2-ethylhexyl)phthalate
Concen: 5.511 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.02 min
Lab File: BM017275.D
Acq: 22 Oct 2018 12:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.1	22.2	33.4
279	4.0	3.6	5.4

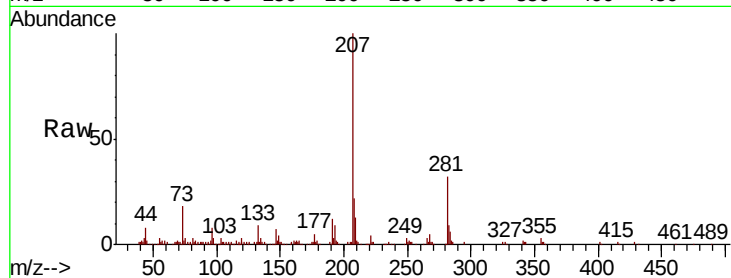




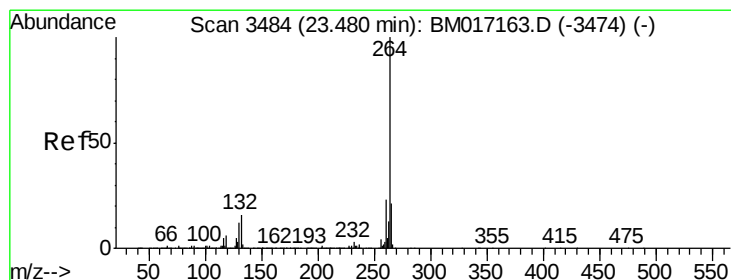
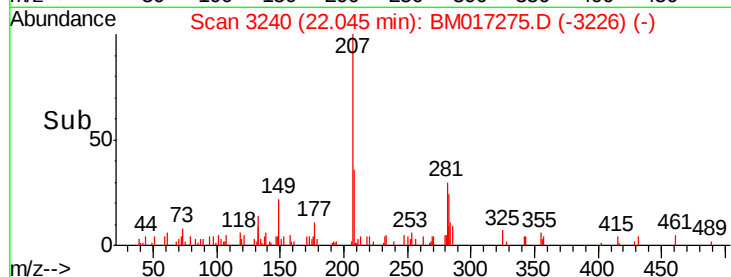
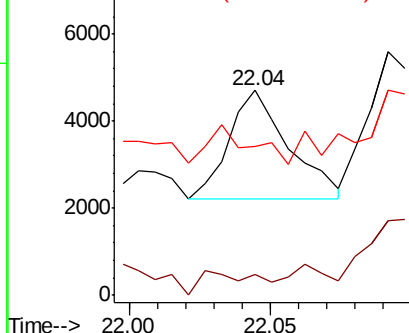
#85
Di-n-octyl phthalate
Concen: 5.602 ng
RT: 22.04 min Scan# 3240
Delta R.T. -0.02 min
Lab File: BM017275.D
Acq: 22 Oct 2018 12:41

Instrument :
BNA_M
ClientSampled :

Tot Ion:149 Resp: 3692
Ion Ratio Lower Upper
149 100
167 8.6 1.4 2.0#
43 0.0 7.2 10.8#

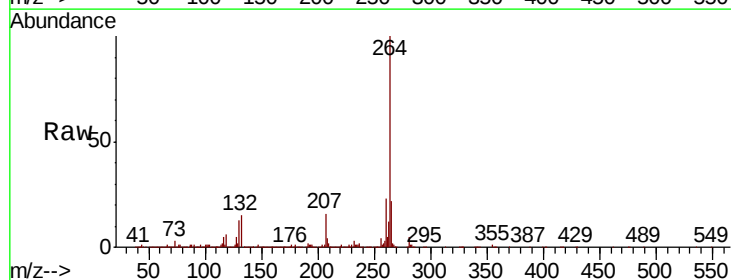


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM



#87
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3480
Delta R.T. -0.02 min
Lab File: BM017275.D
Acq: 22 Oct 2018 12:41

Tgt Ion:264 Resp: 1804727
Ion Ratio Lower Upper
264 100
260 22.9 18.6 27.8
265 21.8 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

