

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
 Data File : BM018745.D
 Acq On : 07 Feb 2019 19:41
 Operator : JU/SJ
 Sample : K1390-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-04(13-14)

Quant Time: Feb 08 10:07:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 04 15:10:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	284614	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1146736	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	647303	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1395477	20.00	ng	0.00
76) Chrysene-d12	21.31	240	1294204	20.00	ng	0.00
87) Perylene-d12	23.57	264	1228829	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	1655805	107.42	ng	0.00
7) Phenol-d6	6.89	99	2537173	129.60	ng	0.00
23) Nitrobenzene-d5	8.88	82	1561697	78.95	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1274094	154.59	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	4335700	87.40	ng	0.00
79) Terphenyl-d14	19.75	244	6158818	100.32	ng	0.00

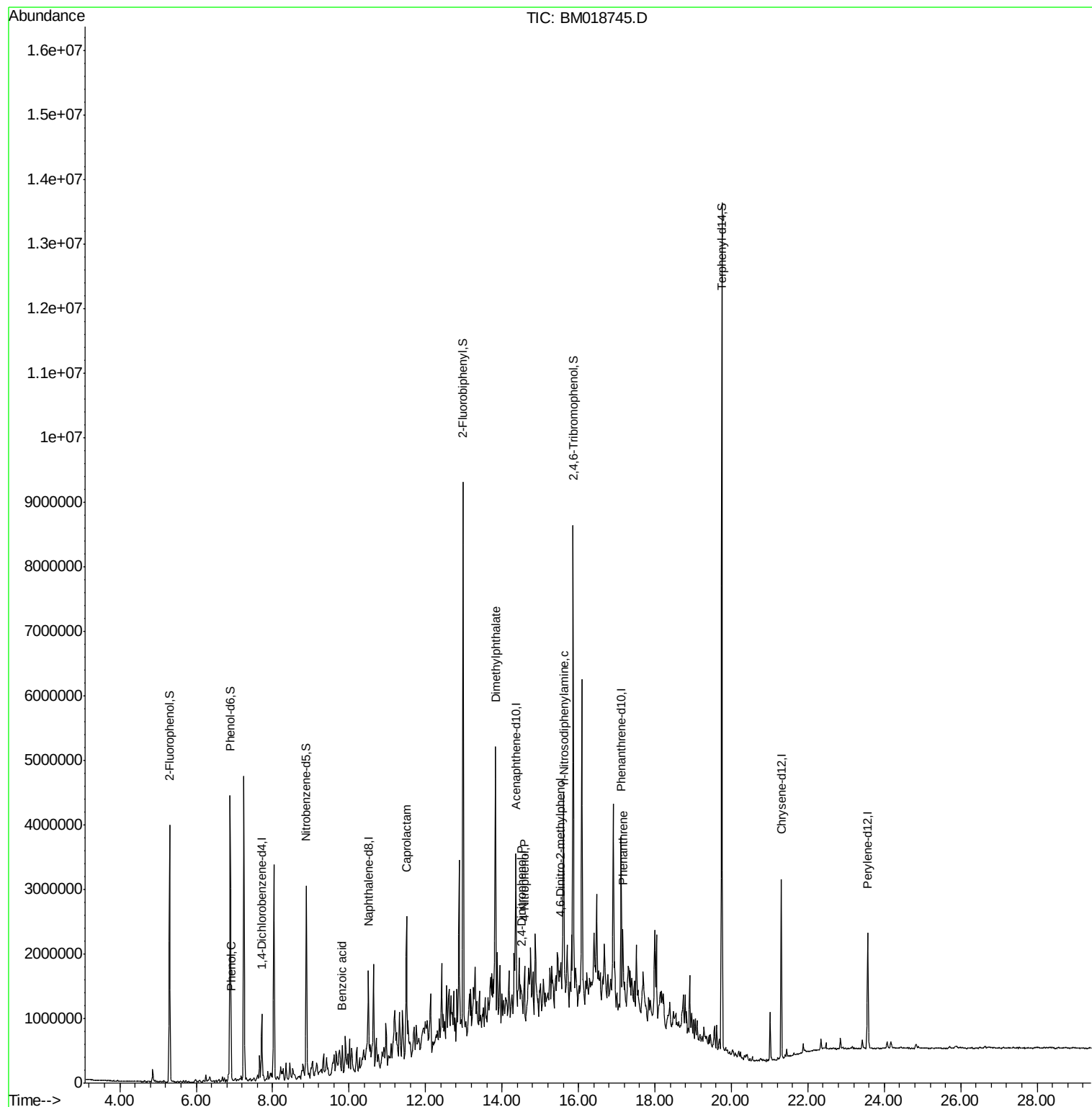
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.92	94	145830	7.33	ng	97
32) Benzoic acid	9.81	122	703	6.57	ng	# 1
35) Caprolactam	11.50	113	90660	15.87	ng	# 53
50) Dimethylphthalate	13.83	163	308679	5.81	ng	98
54) 2,4-Dinitrophenol	14.52	184	1033	7.36	ng	# 1
56) 4-Nitrophenol	14.58	139	21981	2.24	ng	# 53
65) 4,6-Dinitro-2-methylphenol	15.54	198	4003	5.79	ng	# 1
66) n-Nitrosodiphenylamine	15.62	169	204241	4.72	ng	# 38
71) Phenanthrene	17.16	178	576763	7.77	ng	# 96

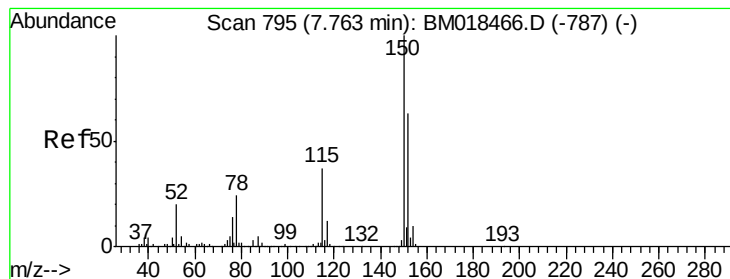
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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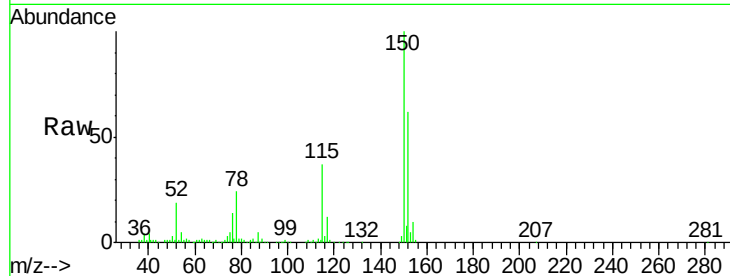


#1

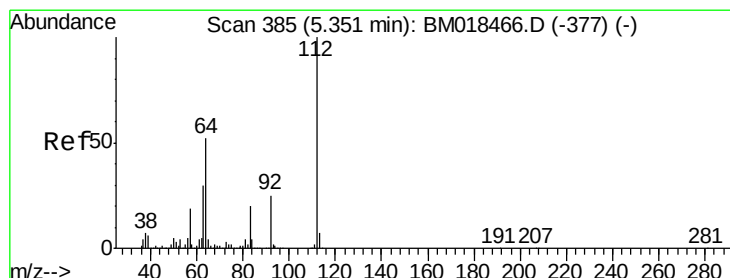
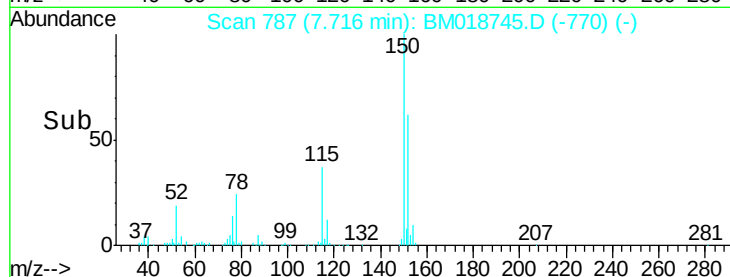
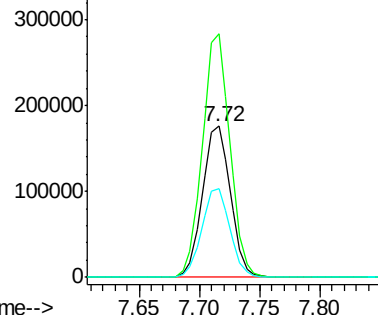
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM018745.D
Acq: 07 Feb 2019 19:41

Instrument :
BNA_M
ClientSampleId :
SB-04(13-14)

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	126.9	190.3
115	59.1	45.5	68.3



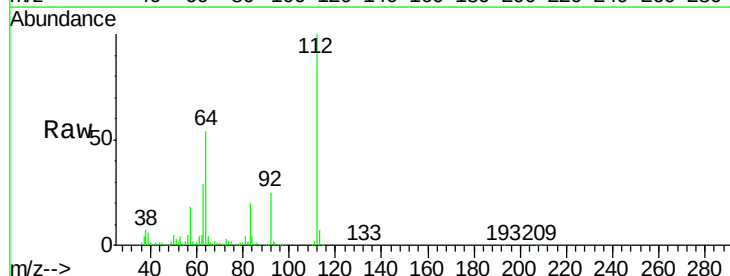
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



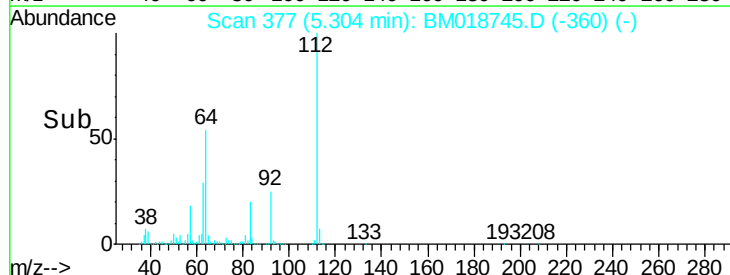
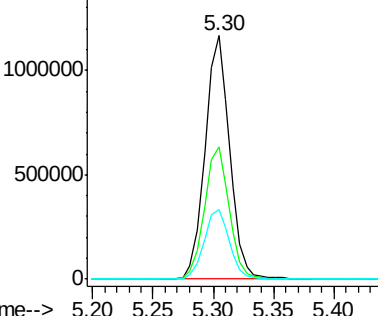
#5

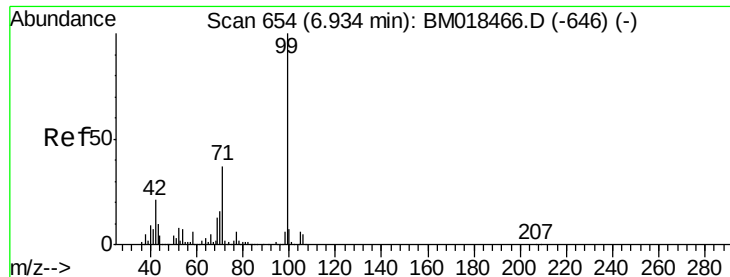
2-Fluorophenol
Concen: 107.42 ng
RT: 5.30 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM018745.D
Acq: 07 Feb 2019 19:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	46.5	69.7
63	28.6	25.2	37.8



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: 129.60 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM018745.D

Acq: 07 Feb 2019 19:41

Instrument :

BNA_M

ClientSampleId :

SB-04(13-14)

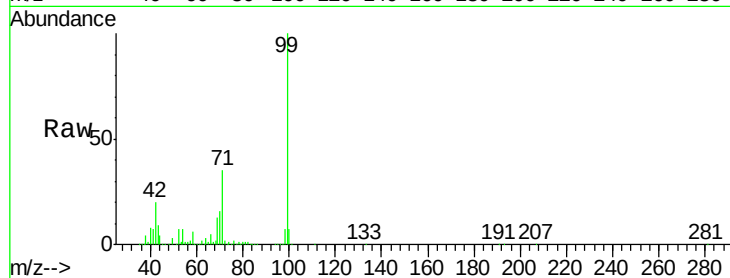
Tot Ion: 99 Resp: 2537173

Ion Ratio Lower Upper

99 100

42 19.9 17.3 25.9

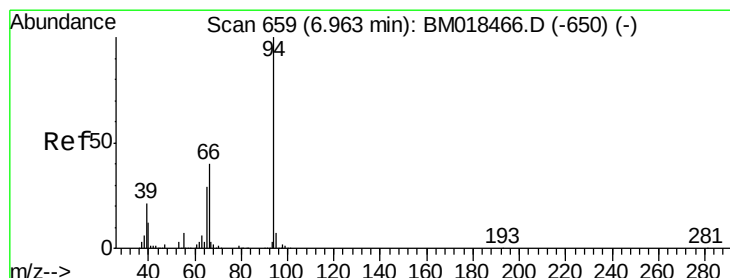
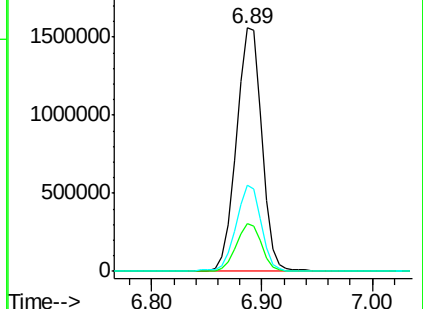
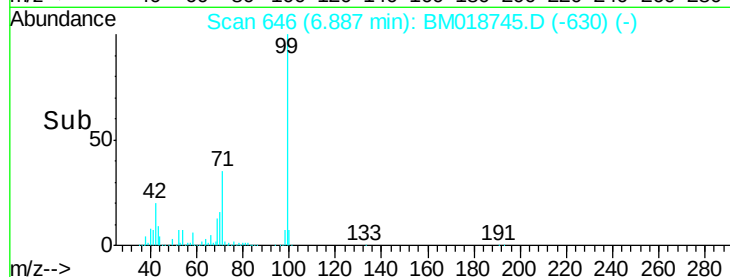
71 35.2 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#10

Phenol

Concen: 7.33 ng

RT: 6.92 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM018745.D

Acq: 07 Feb 2019 19:41

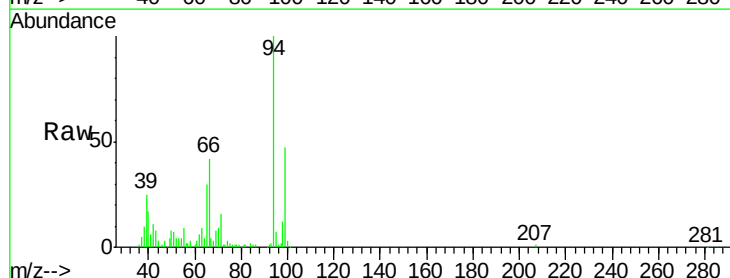
Tgt Ion: 94 Resp: 145830

Ion Ratio Lower Upper

94 100

65 29.7 9.4 49.4

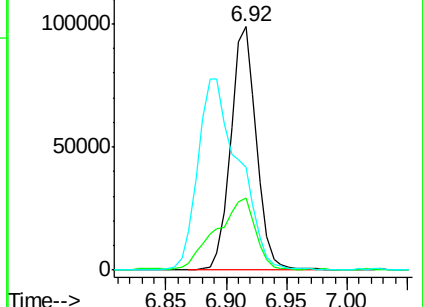
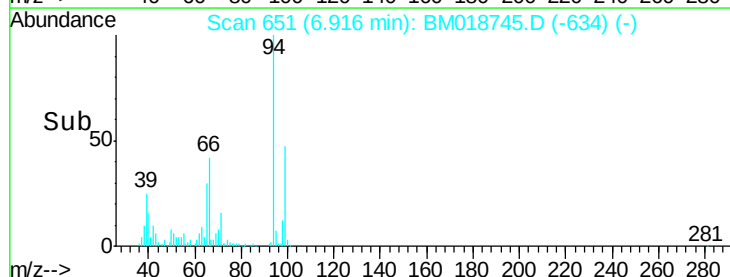
66 42.1 19.1 59.1

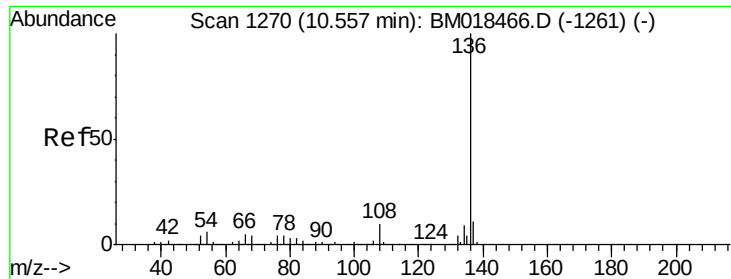


Abundance Ion 94.00 (93.70 to 94.70): BM018466.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM018466.D (-650) (-)

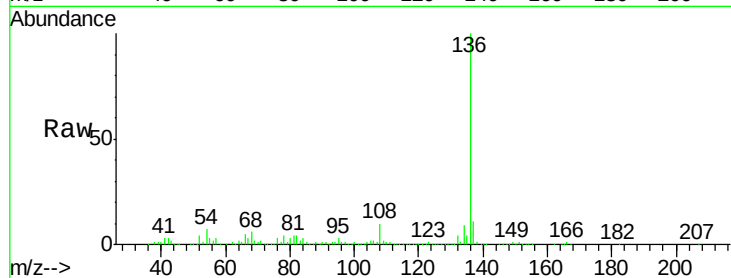




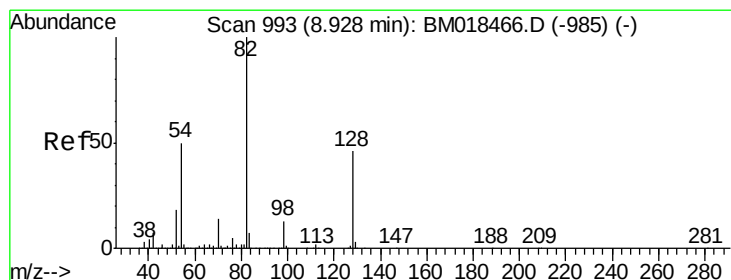
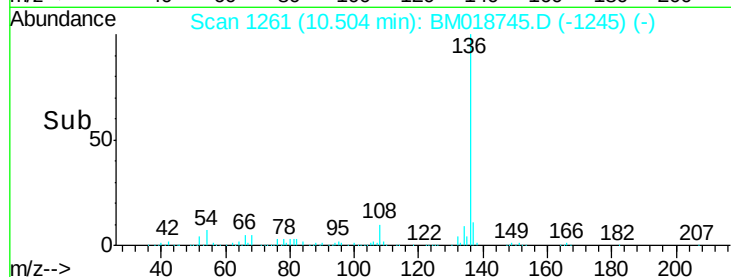
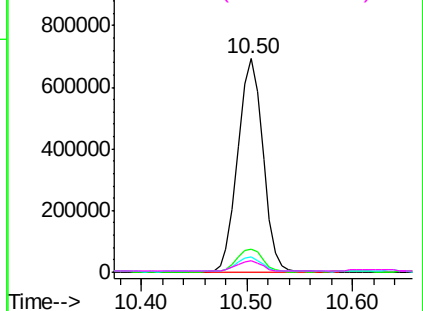
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BM018745.D
Acq: 07 Feb 2019 19:41

Instrument :
BNA_M
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SB-04(13-14)

Tot Ion:136	Resp: 1146736
Ion Ratio	Lower Upper
136 100	
137 10.9	8.5 12.7
54 6.9	6.0 9.0
68 5.6	4.5 6.7

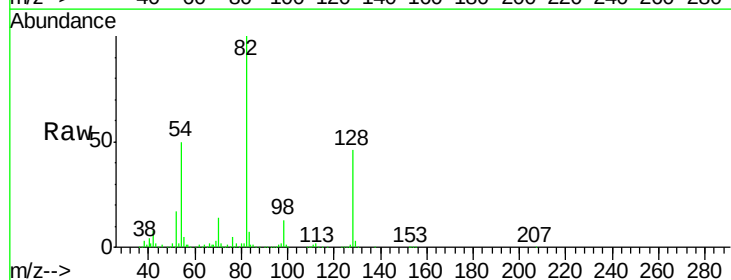


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

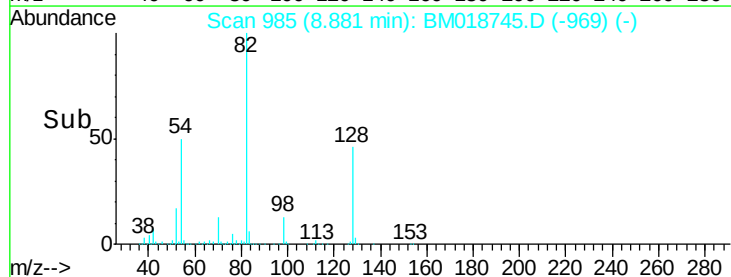
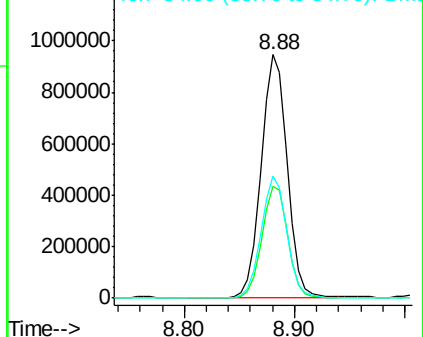


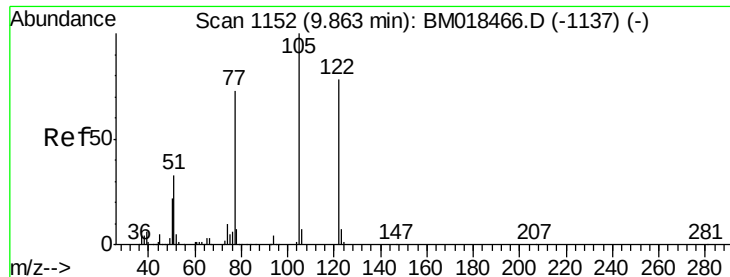
#23
Nitrobenzene-d5
Concen: 78.95 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM018745.D
Acq: 07 Feb 2019 19:41

Tgt Ion: 82	Resp: 1561697
Ion Ratio	Lower Upper
82 100	
128 45.9	36.3 54.5
54 50.1	41.7 62.5



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

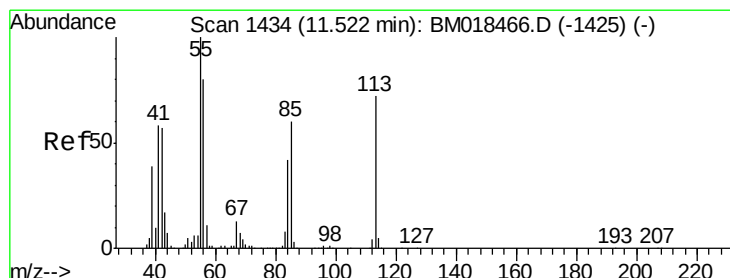
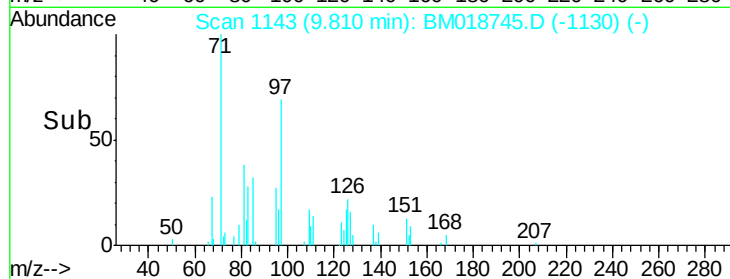
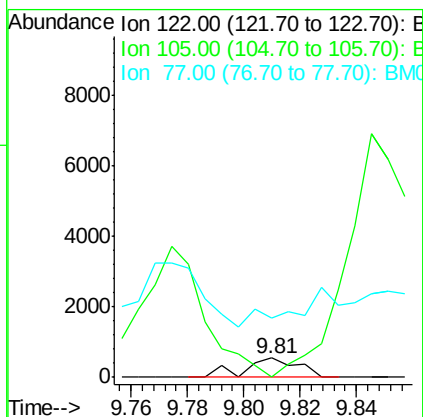
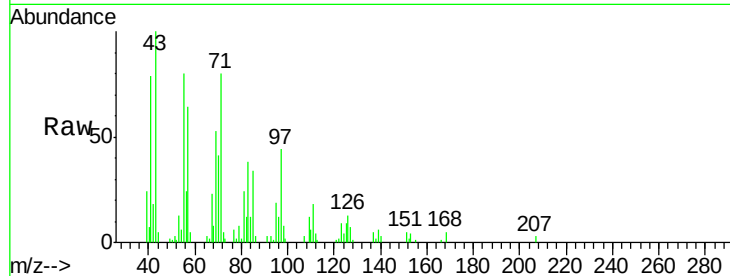




#32
Benzoic acid
Concen: 6.57 ng
RT: 9.81 min Scan# 1143
Delta R.T. -0.02 min
Lab File: BM018745.D
Acq: 07 Feb 2019 19:41

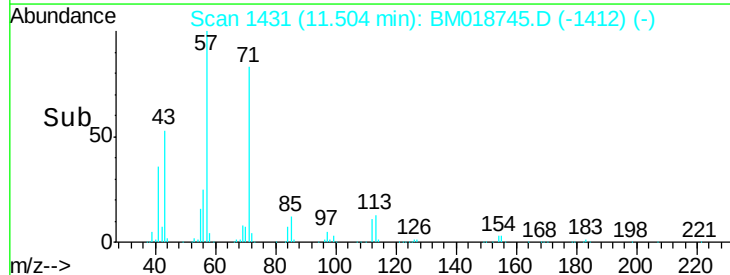
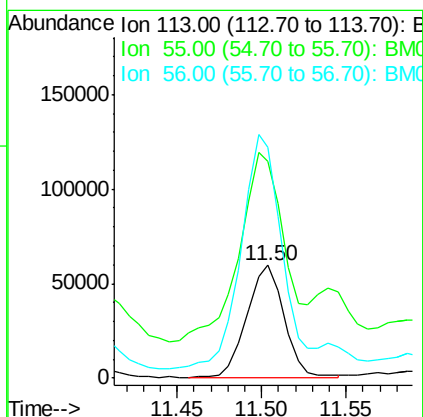
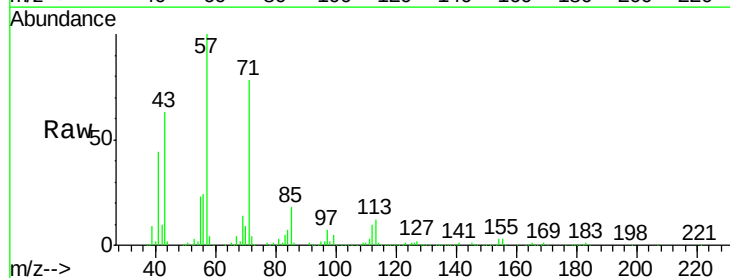
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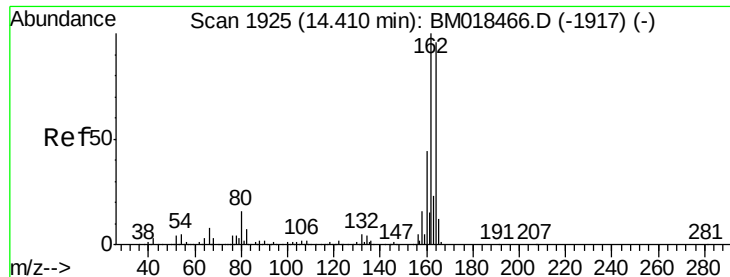
Tot Ion:122 Resp: 703
Ion Ratio Lower Upper
122 100
105 0.0 100.4 140.4#
77 309.0 71.7 111.7#



#35
Caprolactam
Concen: 15.87 ng
RT: 11.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BM018745.D
Acq: 07 Feb 2019 19:41

Tgt Ion:113 Resp: 90660
Ion Ratio Lower Upper
113 100
55 192.9 139.3 179.3#
56 205.3 101.4 141.4#

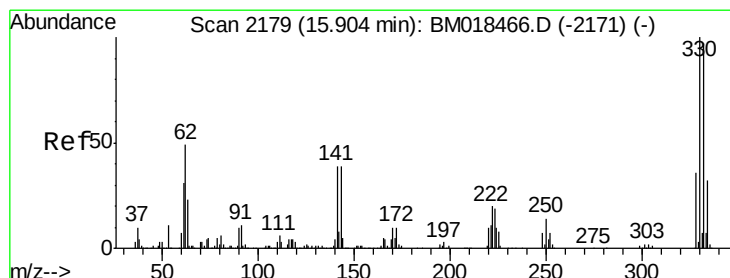
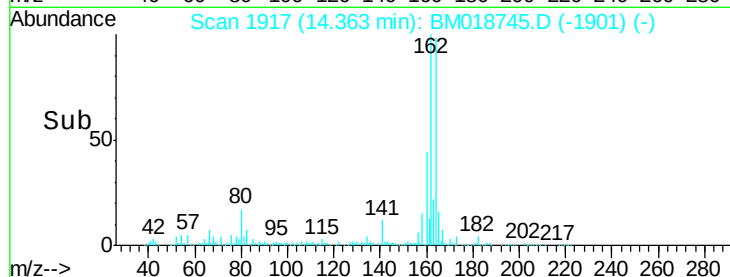
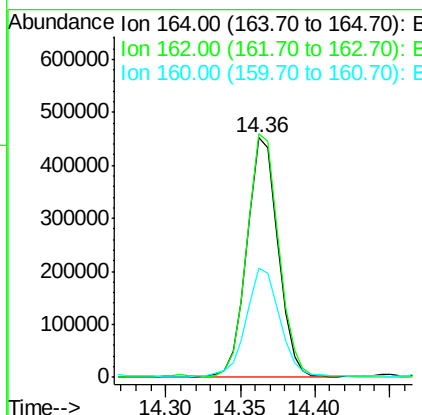
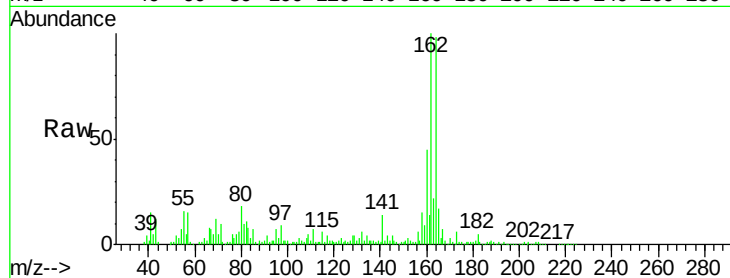




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.36 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BM018745.D
Acq: 07 Feb 2019 19:41

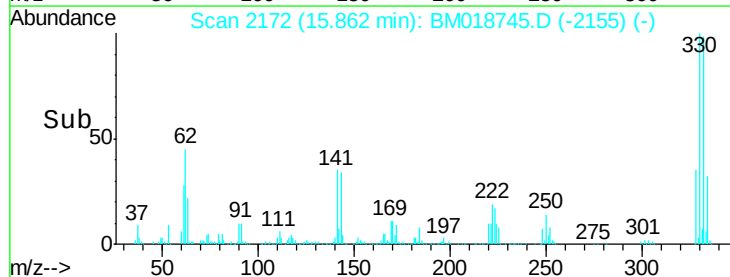
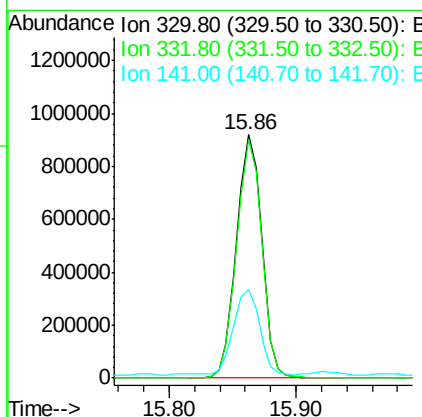
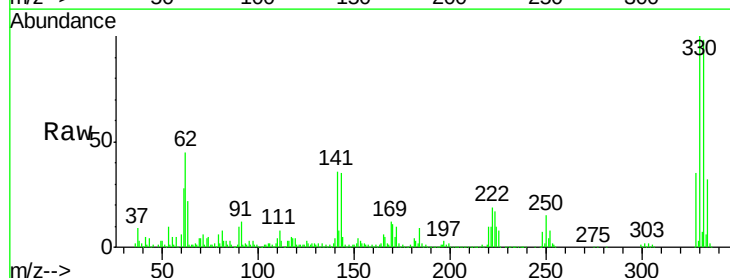
Instrument :
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ClientSampleId :
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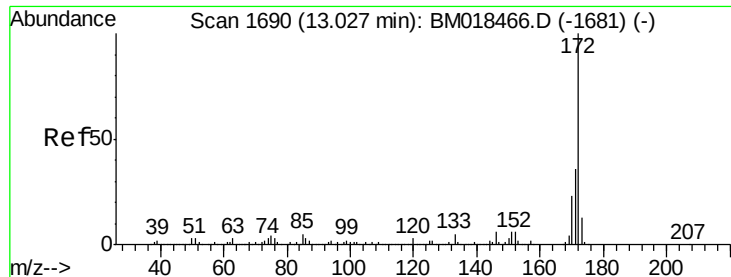
Tot Ion:164 Resp: 647303
Ion Ratio Lower Upper
164 100
162 101.8 83.0 124.4
160 45.6 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 154.59 ng
RT: 15.86 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BM018745.D
Acq: 07 Feb 2019 19:41

Tgt Ion:330 Resp: 1274094
Ion Ratio Lower Upper
330 100
332 97.2 77.6 116.4
141 36.0 31.7 47.5

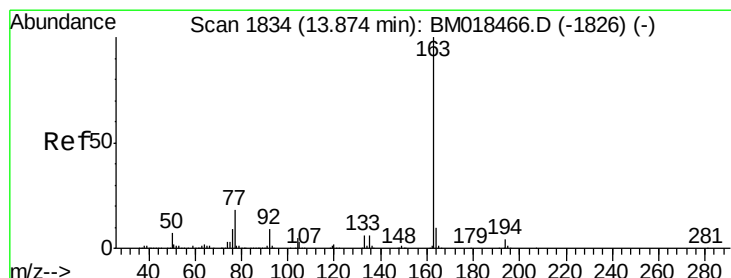
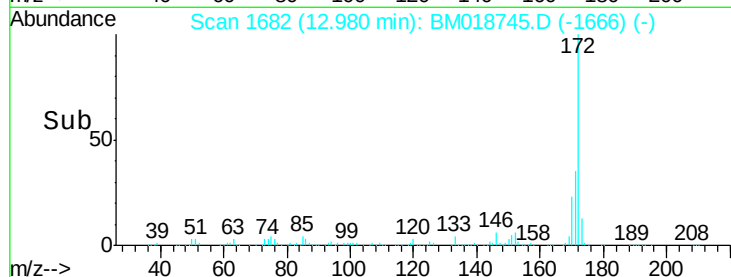
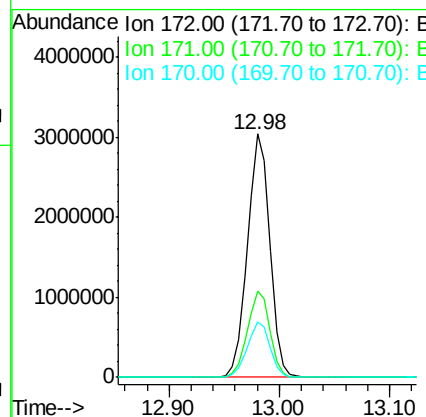
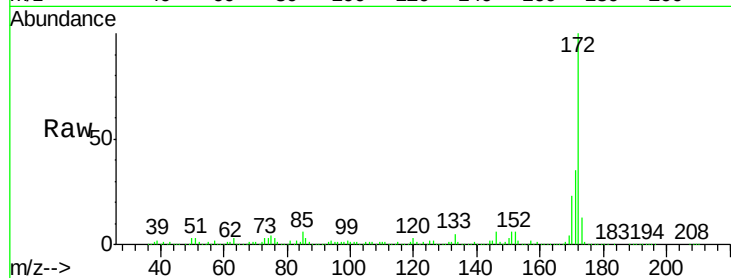




#45
2-Fluorobiphenyl
Concen: 87.40 ng
RT: 12.98 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BM018745.D
Acq: 07 Feb 2019 19:41

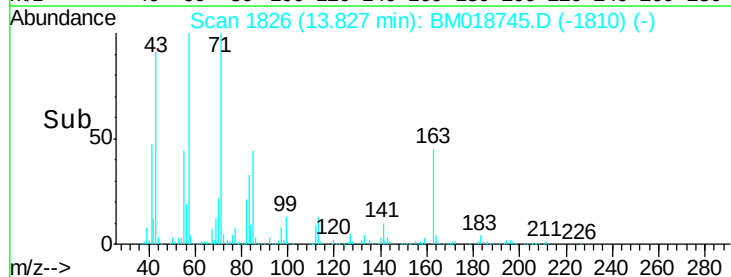
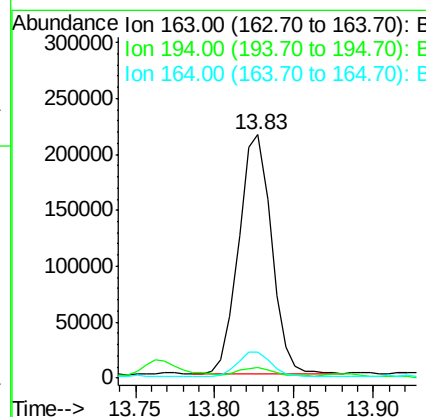
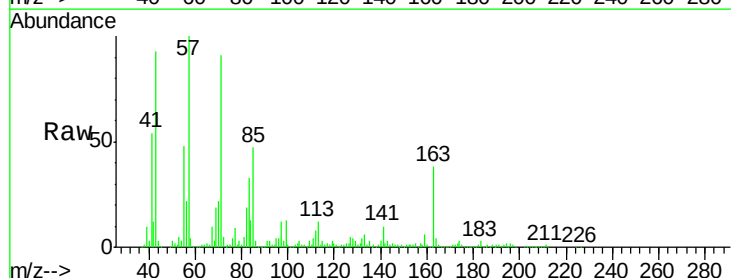
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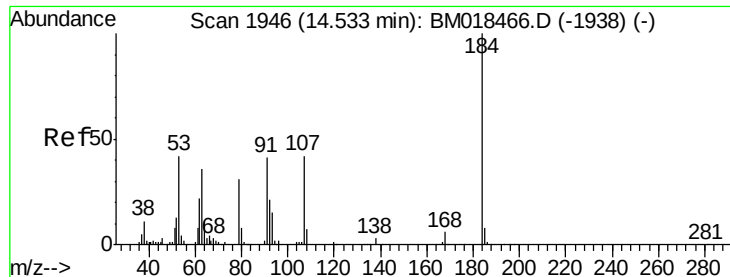
Tot Ion:172 Resp: 4335700
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.0 18.9 28.3



#50
Dimethylphthalate
Concen: 5.81 ng
RT: 13.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BM018745.D
Acq: 07 Feb 2019 19:41

Tgt Ion:163 Resp: 308679
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.6
164 10.6 7.8 11.8

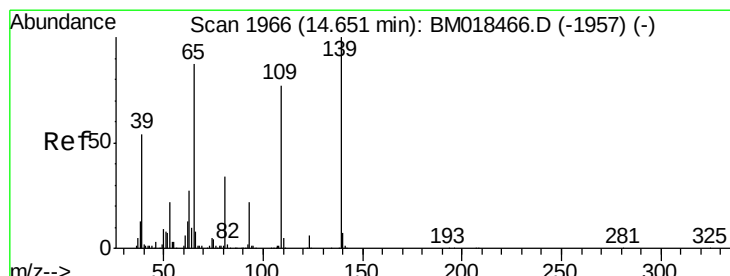
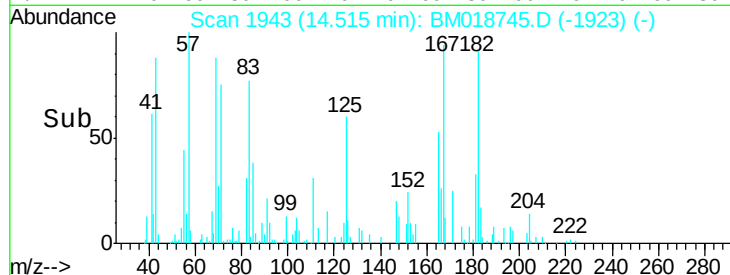
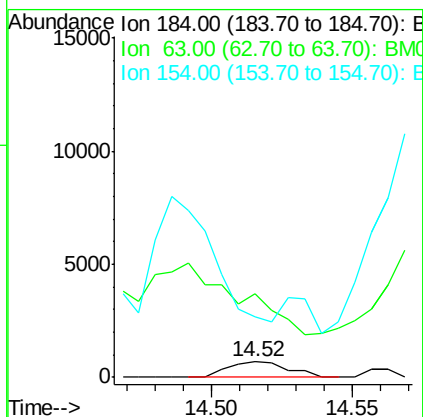
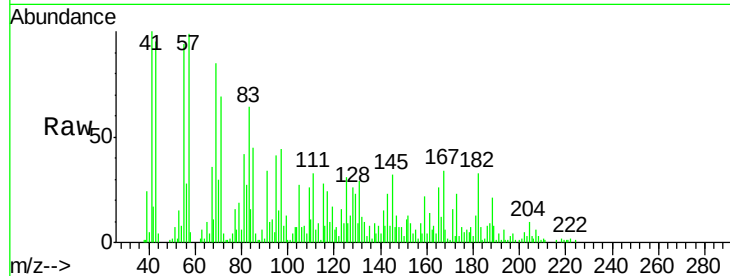




#54
2,4-Dinitrophenol
Concen: 7.36 ng
RT: 14.52 min Scan# 1943
Delta R.T. 0.02 min
Lab File: BM018745.D
Acq: 07 Feb 2019 19:41

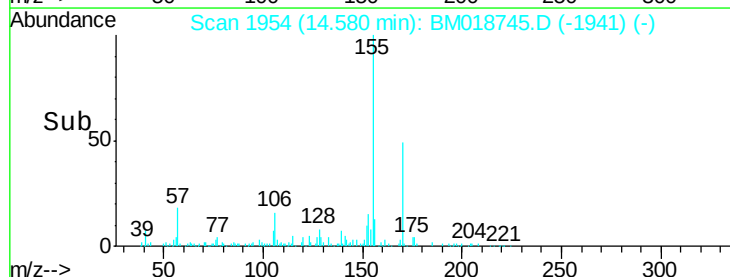
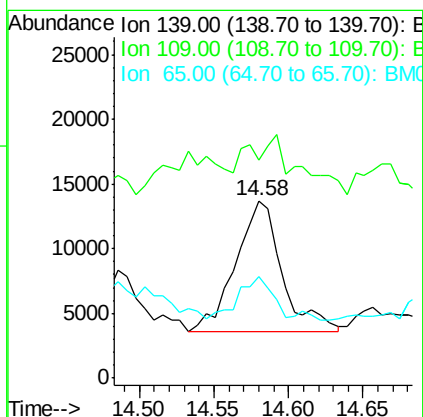
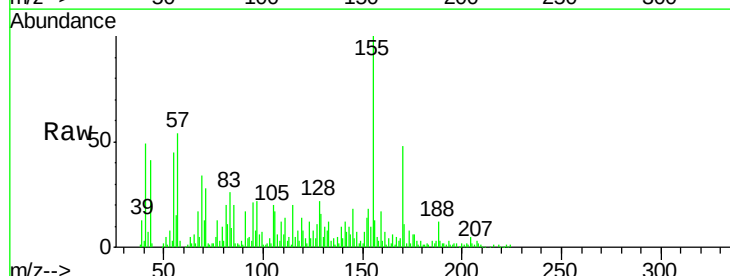
Instrument :
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SB-04(13-14)

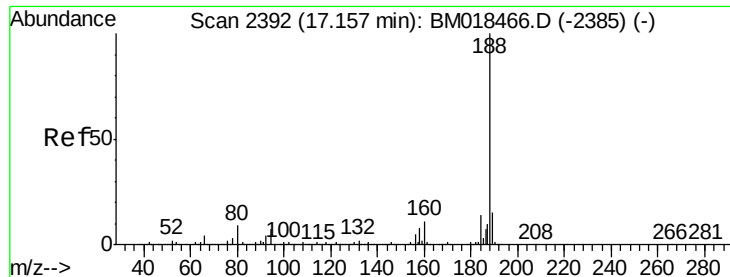
Tot Ion:184 Resp: 1033
Ion Ratio Lower Upper
184 100
63 549.7 55.9 83.9#
154 396.0 54.2 81.4#



#56
4-Nitrophenol
Concen: 2.24 ng
RT: 14.58 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BM018745.D
Acq: 07 Feb 2019 19:41

Tgt Ion:139 Resp: 21981
Ion Ratio Lower Upper
139 100
109 122.9 51.7 91.7#
65 56.9 71.4 111.4#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.12 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BM018745.D

Acq: 07 Feb 2019 19:41

Instrument :

BNA_M

ClientSampleId :

SB-04(13-14)

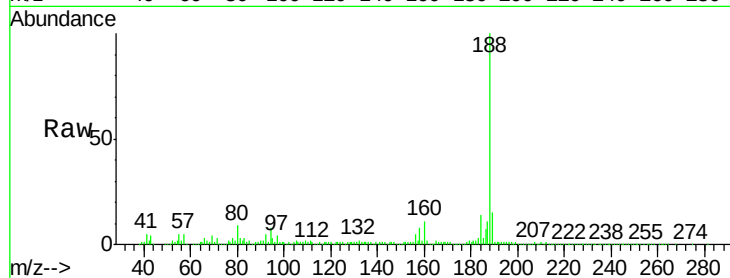
Tot Ion:188 Resp: 1395477

Ion Ratio Lower Upper

188 100

94 7.9 7.1 10.7

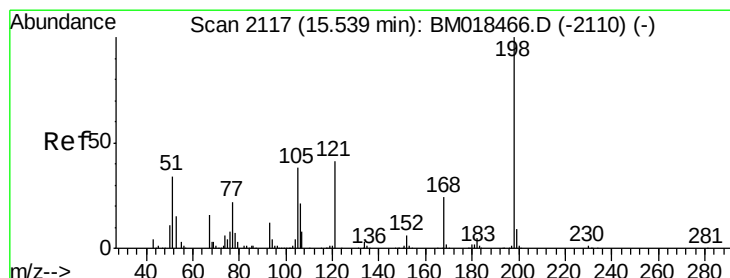
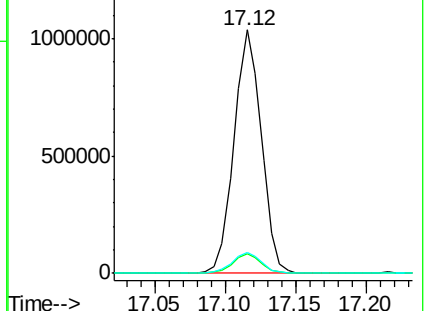
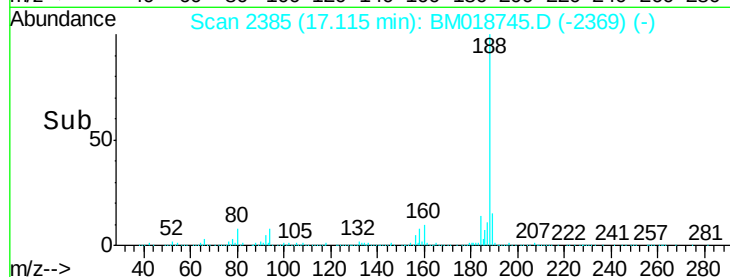
80 8.7 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#65

4,6-Dinitro-2-methylphenol

Concen: 5.79 ng

RT: 15.54 min Scan# 2117

Delta R.T. 0.03 min

Lab File: BM018745.D

Acq: 07 Feb 2019 19:41

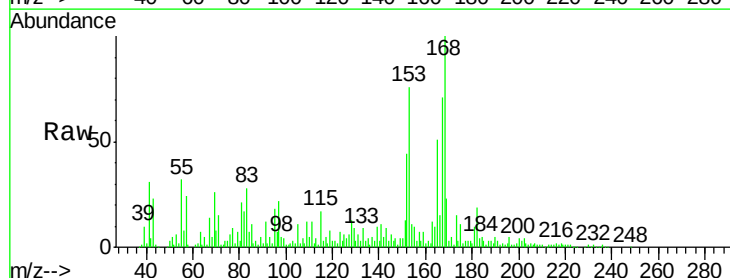
Tgt Ion:198 Resp: 4003

Ion Ratio Lower Upper

198 100

51 405.4 29.6 69.6#

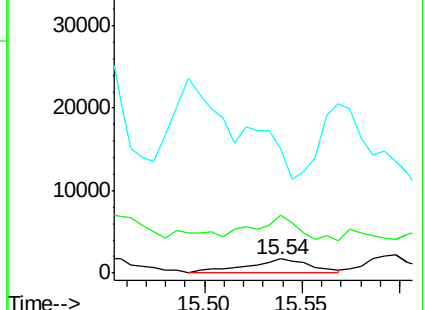
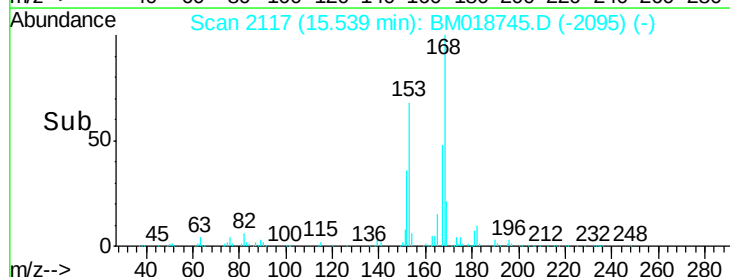
105 862.8 25.5 65.5#

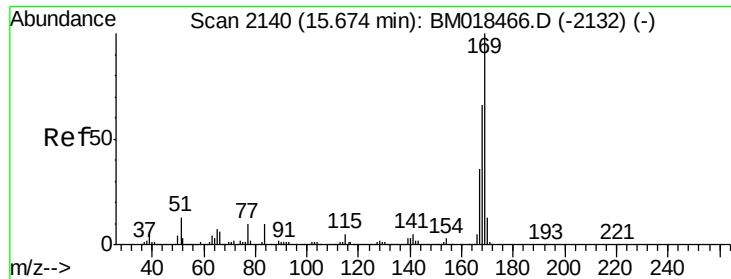


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

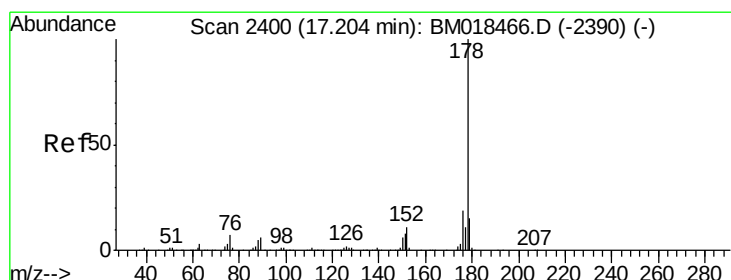
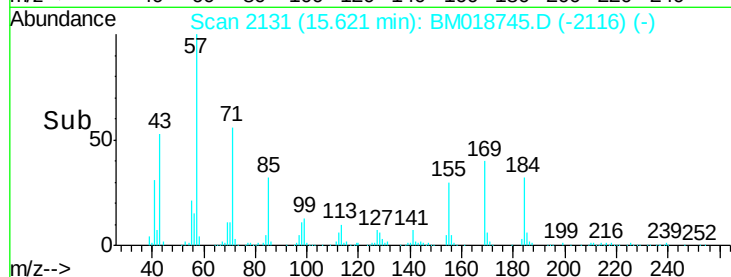
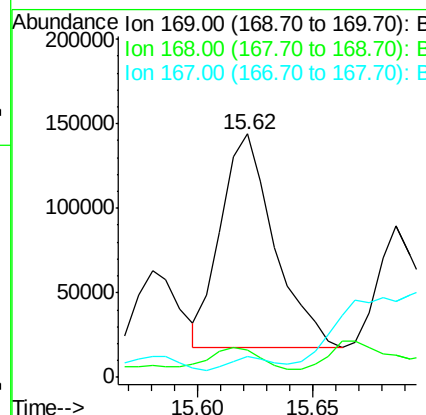
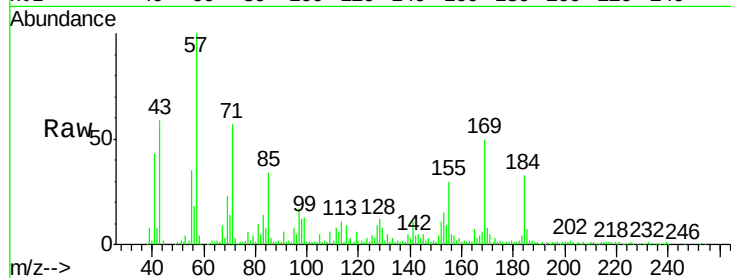




#66
 n-Nitrosodiphenylamine
 Concen: 4.72 ng
 RT: 15.62 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BM018745.D
 Acq: 07 Feb 2019 19:41

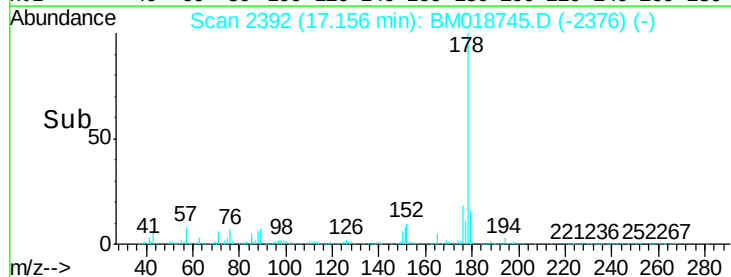
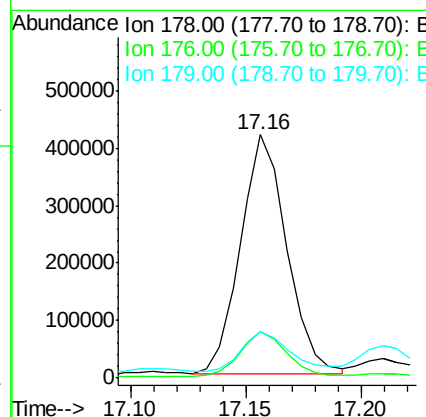
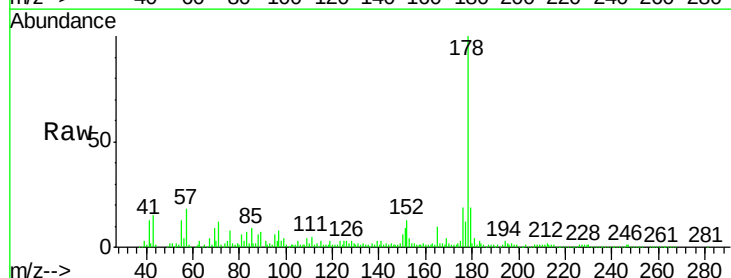
Instrument :
 BNA_M
 ClientSampleId :
 SB-04(13-14)

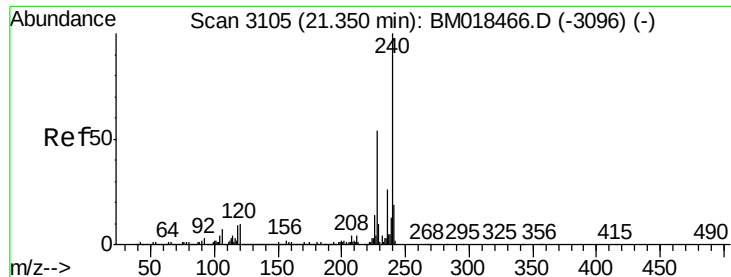
Tot Ion:169 Resp: 204241
 Ion Ratio Lower Upper
 169 100
 168 11.4 54.1 81.1#
 167 8.4 28.6 42.8#



#71
 Phenanthrene
 Concen: 7.77 ng
 RT: 17.16 min Scan# 2392
 Delta R.T. -0.01 min
 Lab File: BM018745.D
 Acq: 07 Feb 2019 19:41

Tgt Ion:178 Resp: 576763
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.0
 179 18.9 12.2 18.4#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.31 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM018745.D

Acq: 07 Feb 2019 19:41

Instrument :

BNA_M

ClientSampleId :

SB-04(13-14)

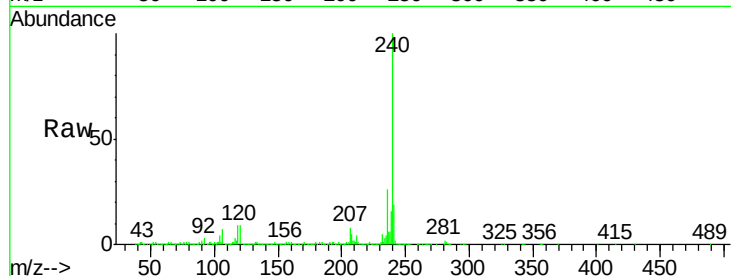
Tot Ion:240 Resp: 1294204

Ion Ratio Lower Upper

240 100

120 9.2 8.4 12.6

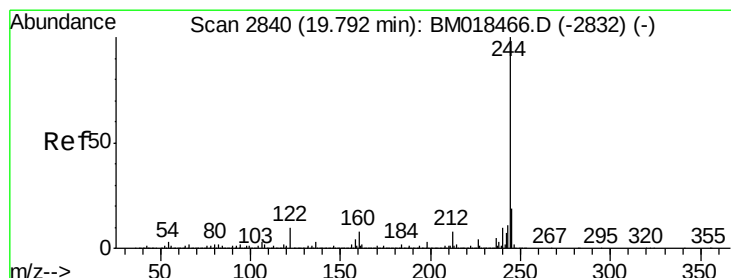
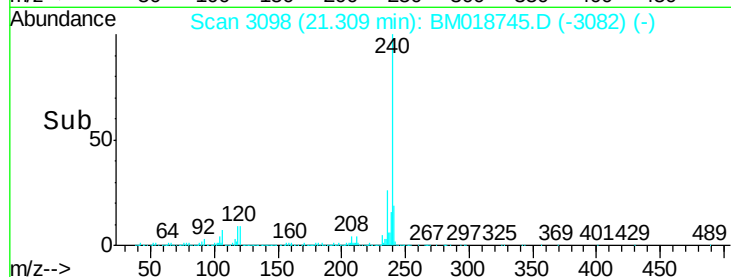
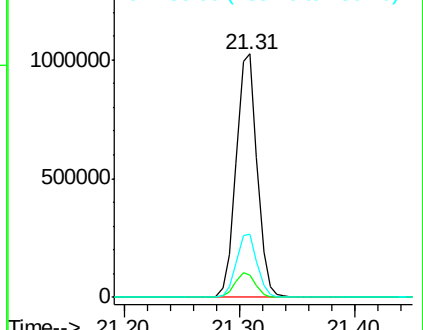
236 25.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 100.32 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BM018745.D

Acq: 07 Feb 2019 19:41

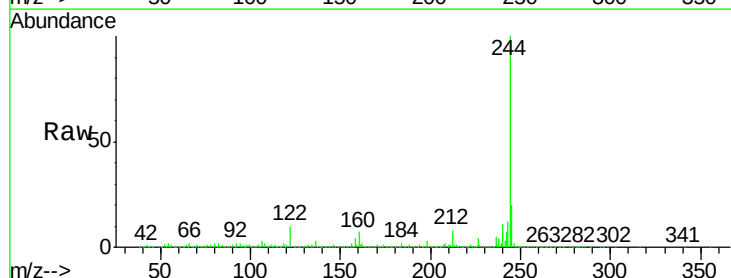
Tgt Ion:244 Resp: 6158818

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

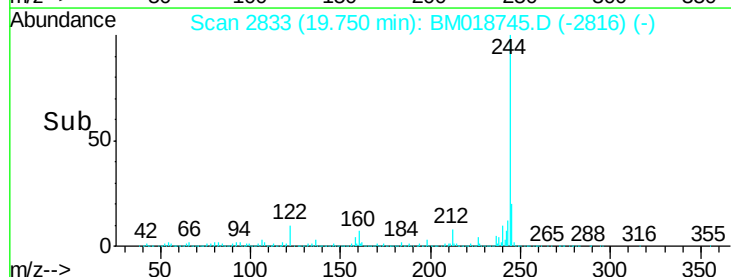
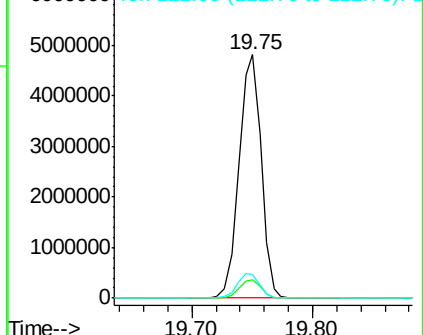
122 9.9 9.0 13.4

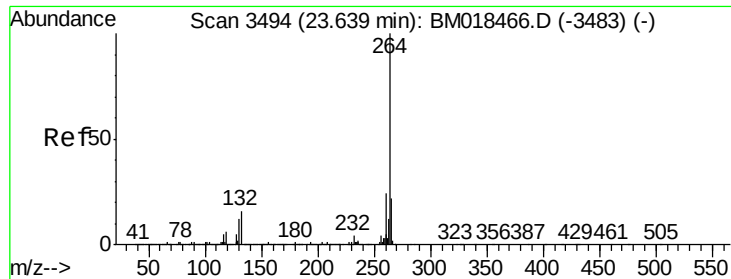


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.00 ng
RT: 23.57 min Scan# 3482
Delta R.T. -0.01 min
Lab File: BM018745.D
Acq: 07 Feb 2019 19:41

Instrument :
BNA_M
ClientSampleId :
SB-04(13-14)

Tot Ion:264 Resp: 1228829

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	22.0	16.8	25.2

