

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011619\
 Data File : BM018590.D
 Acq On : 16 Jan 2019 19:14
 Operator : JU/SJ
 Sample : K1149-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SW004-190114-01

Quant Time: Jan 17 01:09:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

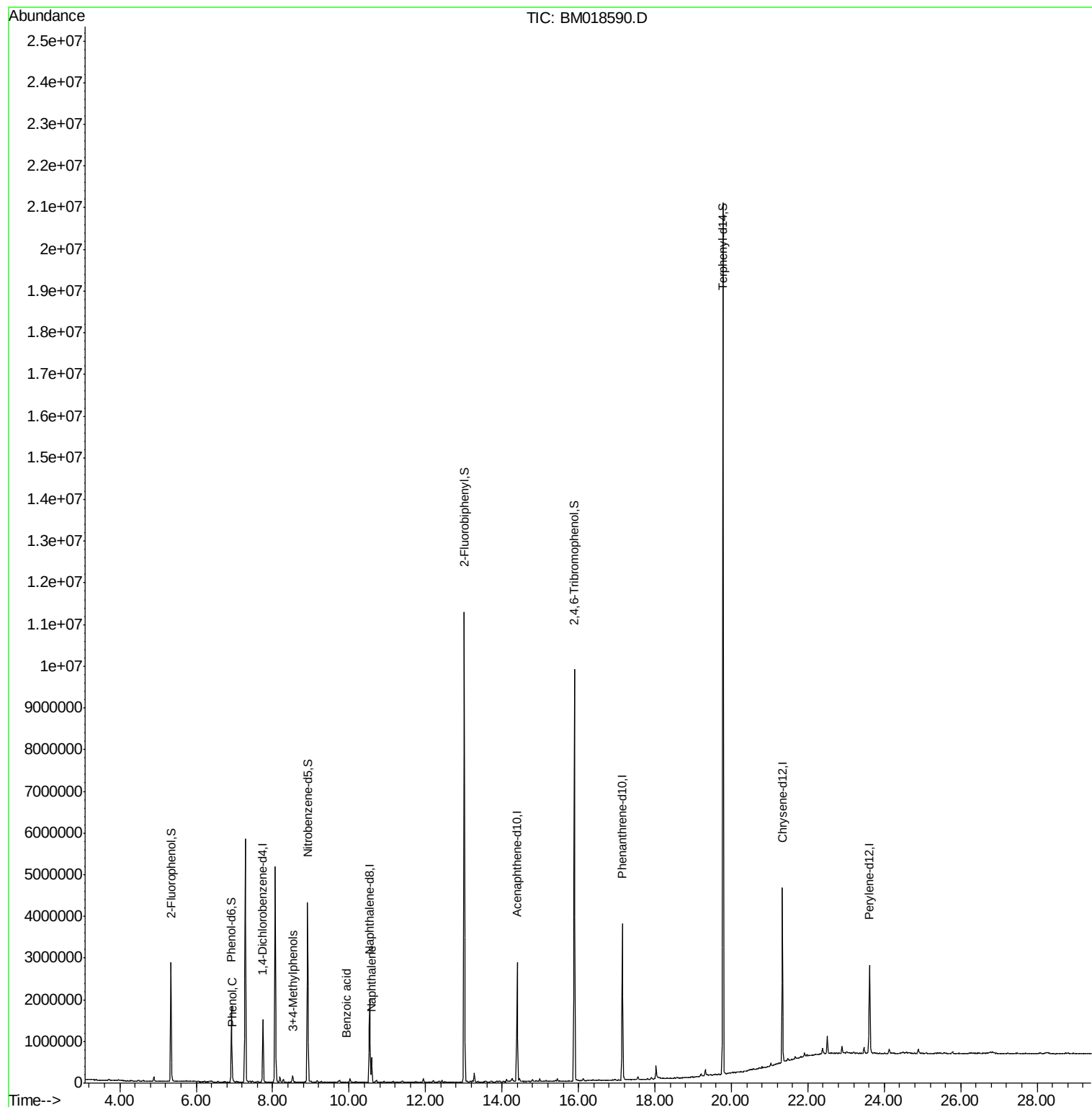
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	406522	20.00	ng	-0.02
21) Naphthalene-d8	10.54	136	1690241	20.00	ng	-0.01
39) Acenaphthene-d10	14.39	164	983134	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	2228381	20.00	ng	-0.01
76) Chrysene-d12	21.34	240	1876130	20.00	ng	-0.01
87) Perylene-d12	23.61	264	1520155	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1217109	55.28	ng	-0.01
7) Phenol-d6	6.92	99	967226	34.59	ng	-0.01
23) Nitrobenzene-d5	8.92	82	2370211	81.29	ng	0.00
42) 2,4,6-Tribromophenol	15.89	330	1752243	139.98	ng	-0.01
45) 2-Fluorobiphenyl	13.02	172	6115504	81.17	ng	0.00
79) Terphenyl-d14	19.78	244	9241108	103.83	ng	0.00
Target Compounds						
10) Phenol	6.95	94	68014	2.394	ng	98
20) 3+4-Methylphenols	8.52	107	63576	2.388	ng	84
31) Naphthalene	10.59	128	490206	6.022	ng	99
32) Benzoic acid	9.92	122	130	6.510	ng	# 1

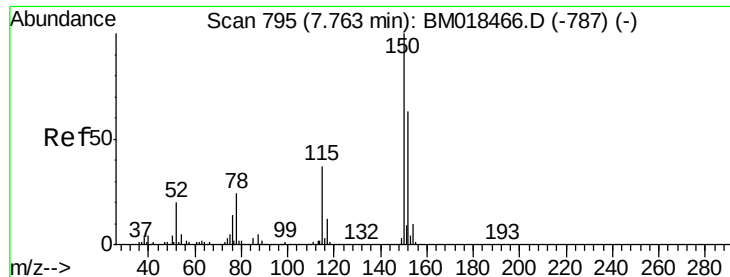
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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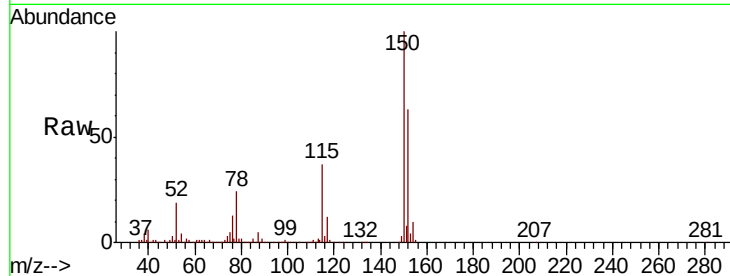


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BM018590.D
Acq: 16 Jan 2019 19:14

Instrument :
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ClientSampleId :
SW004-190114-01

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.6	126.9	190.3
115	59.6	45.5	68.3

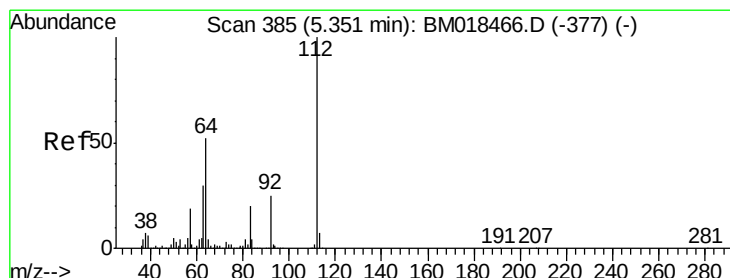
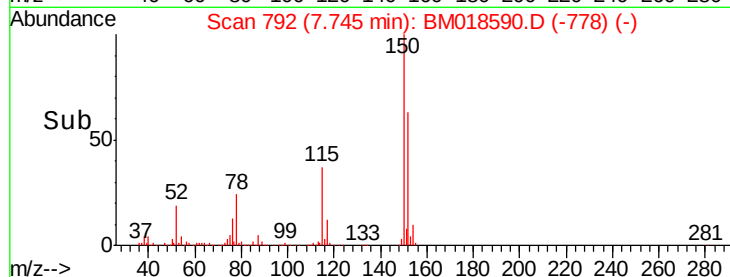
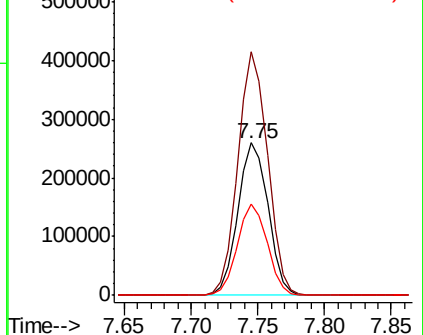


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

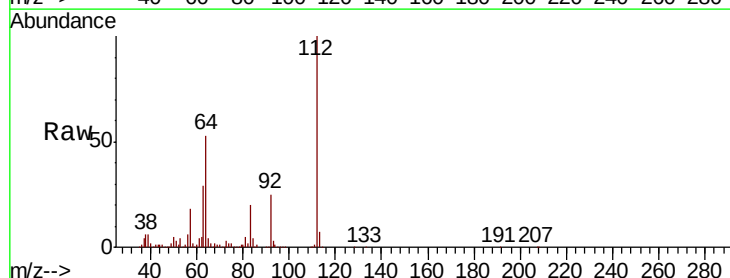
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 55.283 ng
RT: 5.34 min Scan# 383
Delta R.T. -0.01 min
Lab File: BM018590.D
Acq: 16 Jan 2019 19:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.0	46.5	69.7
63	29.4	25.2	37.8

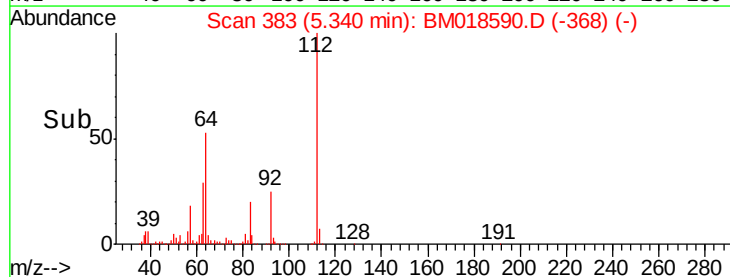
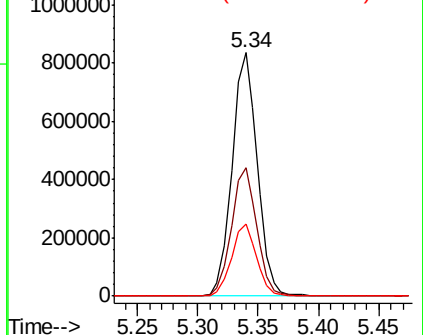


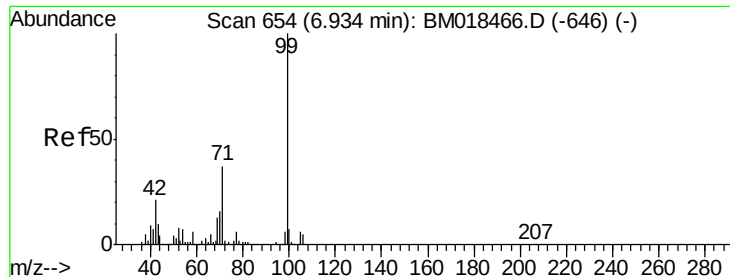
Abundance

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: 34.590 ng

RT: 6.92 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM018590.D

Acq: 16 Jan 2019 19:14

Instrument :

BNA_M

ClientSampleId :

SW004-190114-01

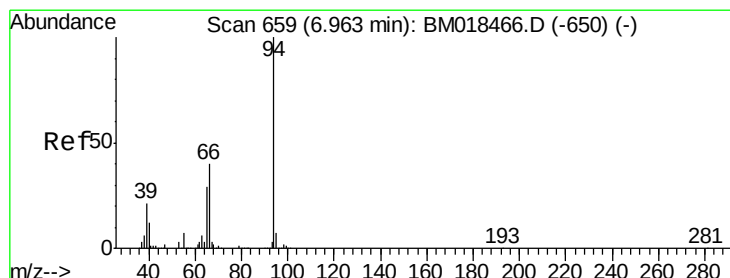
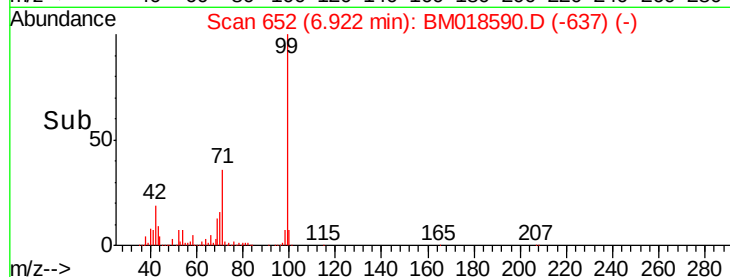
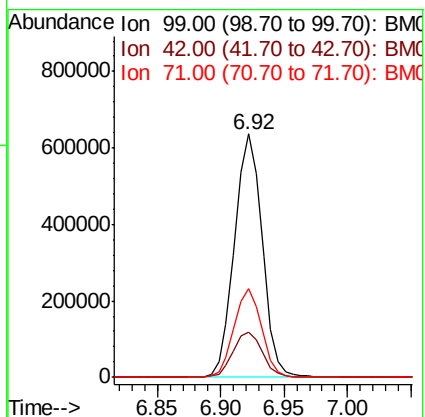
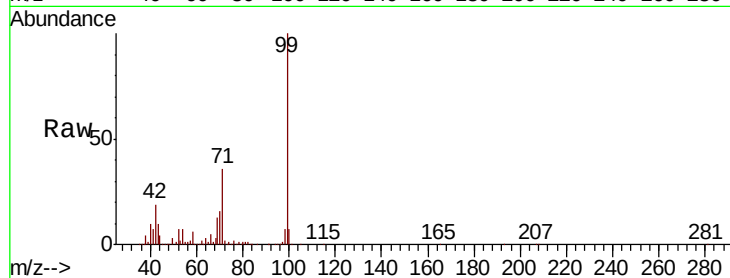
Tgt Ion: 99 Resp: 967226

Ion Ratio Lower Upper

99 100

42 18.8 17.3 25.9

71 36.2 28.0 42.0



#10

Phenol

Concen: 2.394 ng

RT: 6.95 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM018590.D

Acq: 16 Jan 2019 19:14

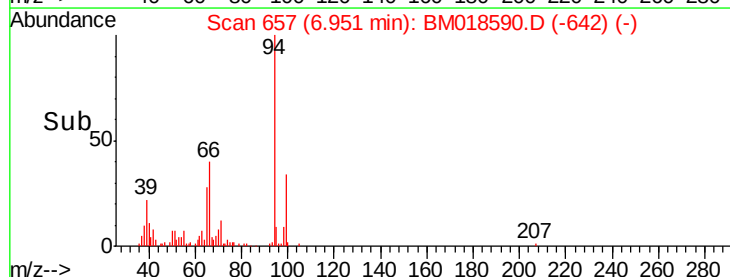
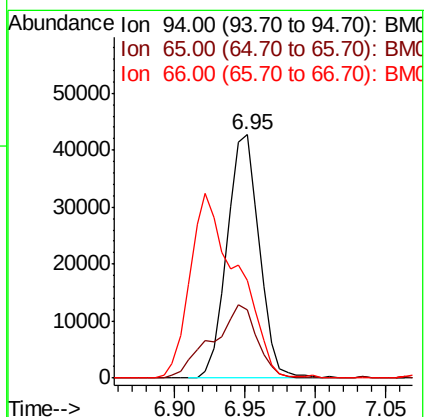
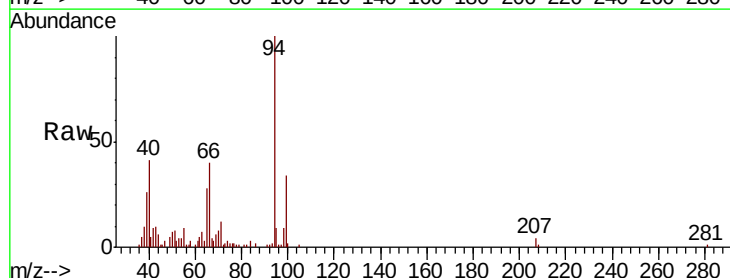
Tgt Ion: 94 Resp: 68014

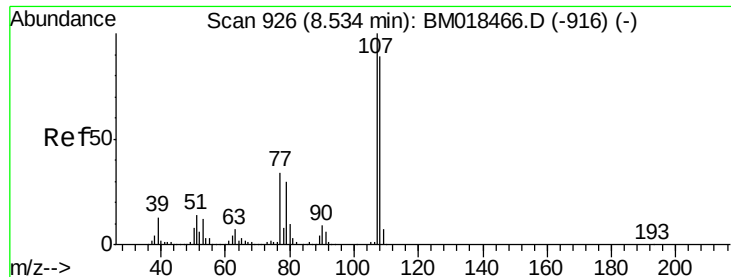
Ion Ratio Lower Upper

94 100

65 28.2 9.4 49.4

66 40.1 19.1 59.1

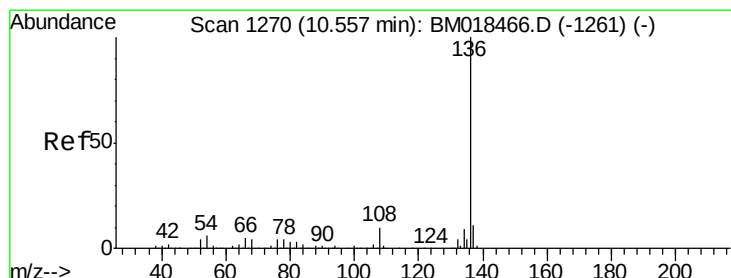
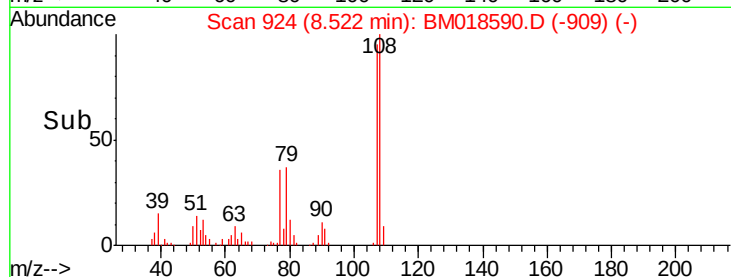
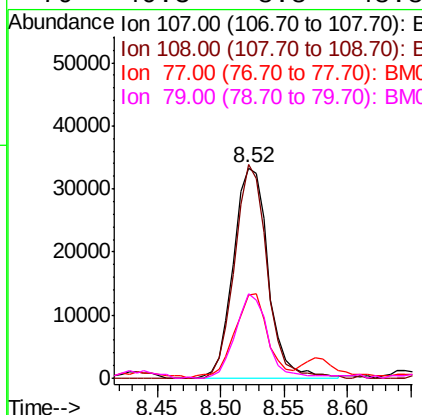
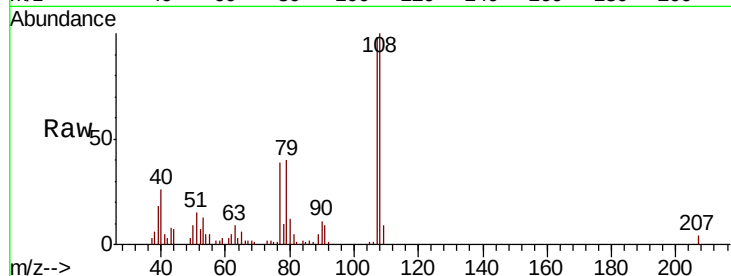




#20
3+4-Methylphenols
Concen: 2.388 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM018590.D
Acq: 16 Jan 2019 19:14

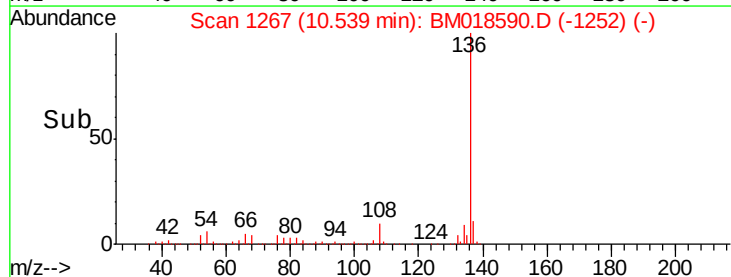
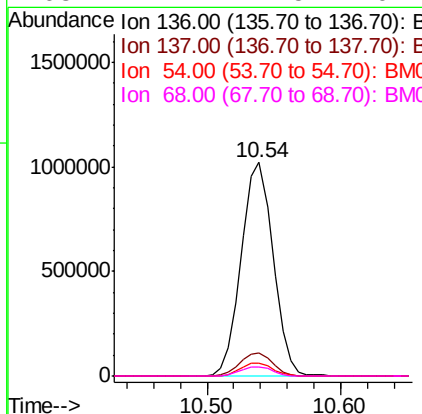
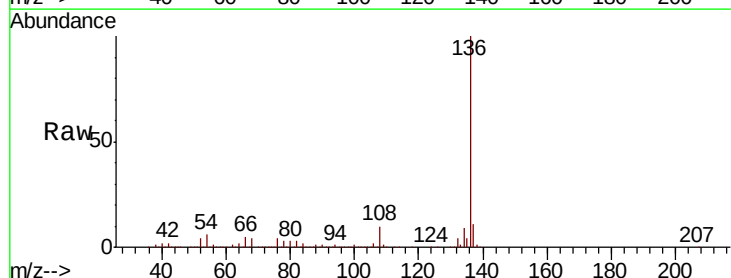
Instrument :
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SW004-190114-01

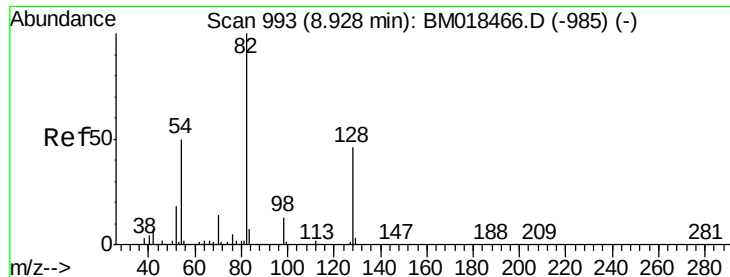
Tgt Ion:	107	Resp:	63576
Ion	Ratio	Lower	Upper
107	100		
108	101.5	66.8	106.8
77	39.4	13.3	53.3
79	40.3	8.8	48.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM018590.D
Acq: 16 Jan 2019 19:14

Tgt Ion:	136	Resp:	1690241
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.0	6.0	9.0#
68	4.1	4.5	6.7#

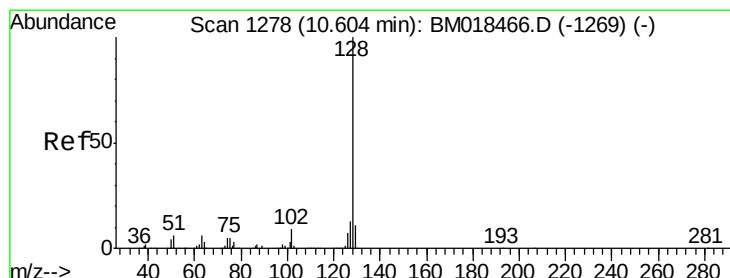
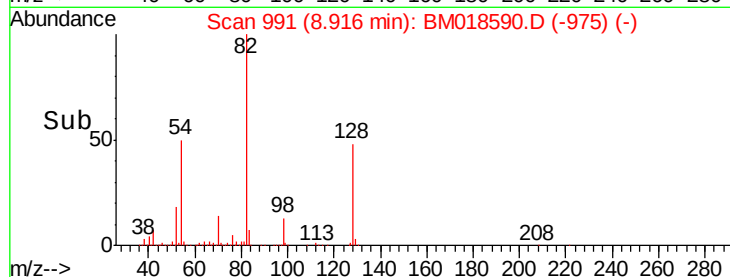
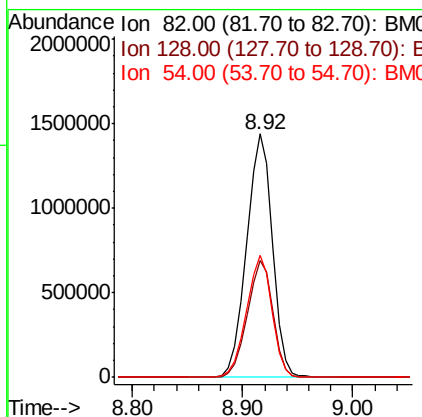
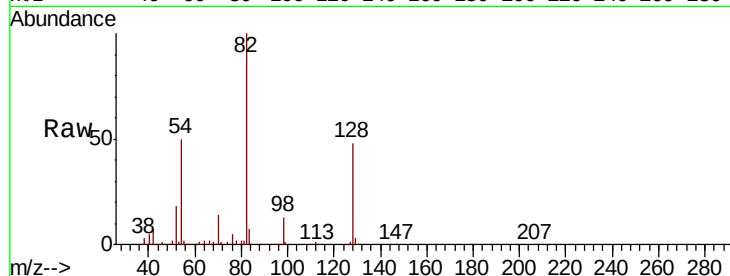




#23
 Nitrobenzene-d5
 Concen: 81.292 ng
 RT: 8.92 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BM018590.D
 Acq: 16 Jan 2019 19:14

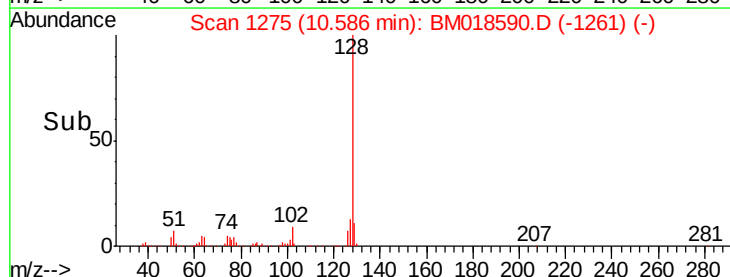
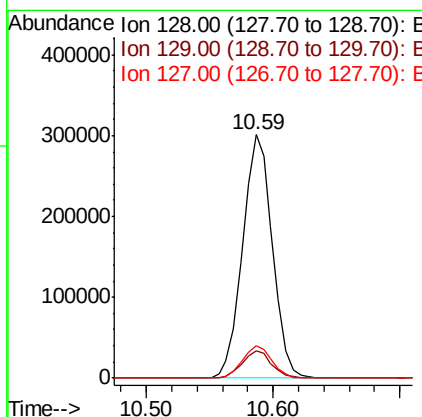
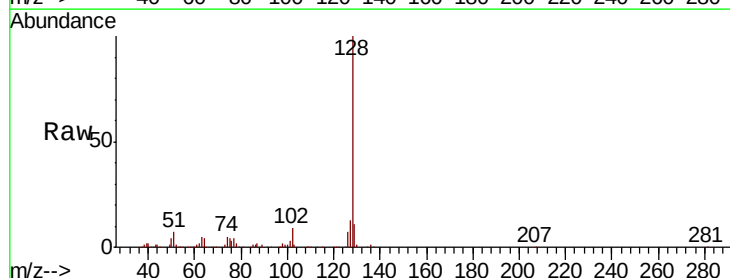
Instrument :
 BNA_M
 ClientSampleId :
 SW004-190114-01

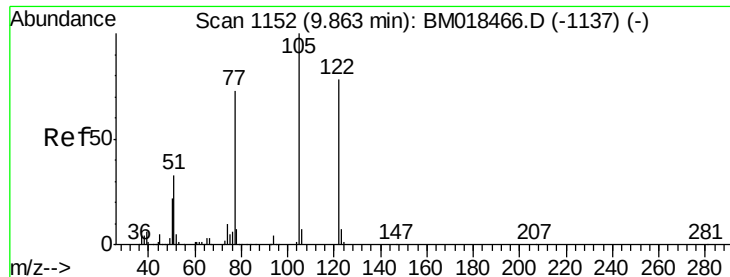
Tgt Ion: 82 Resp: 2370211
 Ion Ratio Lower Upper
 82 100
 128 48.0 36.3 54.5
 54 50.0 41.7 62.5



#31
 Naphthalene
 Concen: 6.022 ng
 RT: 10.59 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BM018590.D
 Acq: 16 Jan 2019 19:14

Tgt Ion: 128 Resp: 490206
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.7 13.1
 127 13.1 10.8 16.2

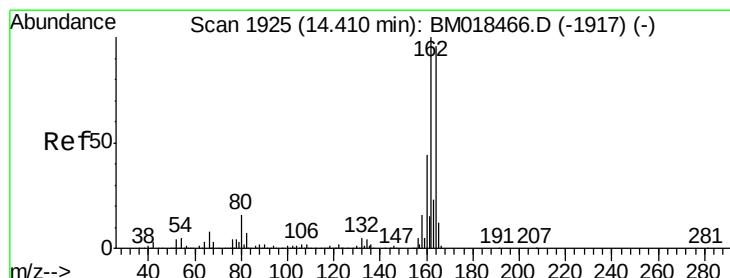
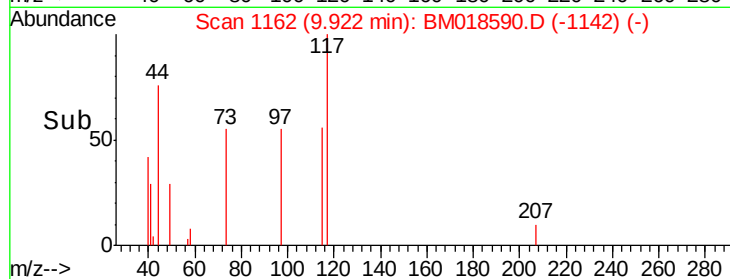
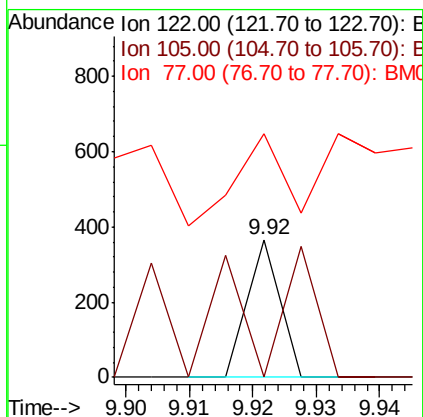
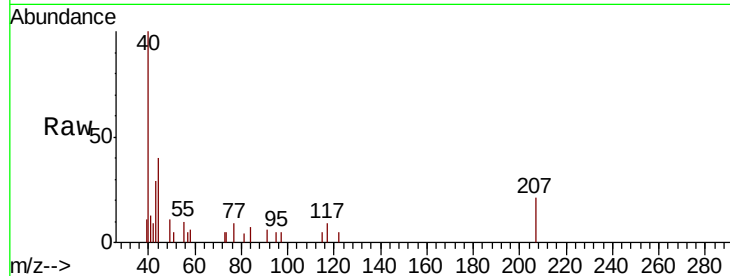




#32
Benzoic acid
Concen: 6.510 ng
RT: 9.92 min Scan# 1162
Delta R.T. 0.02 min
Lab File: BM018590.D
Acq: 16 Jan 2019 19:14

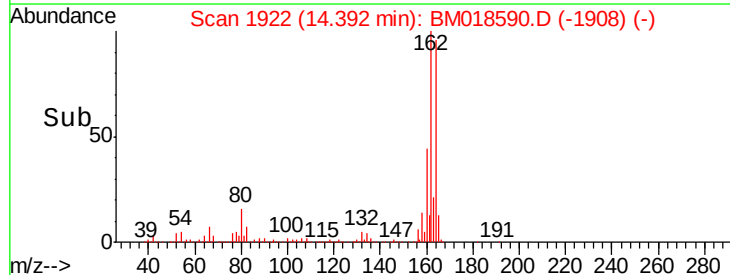
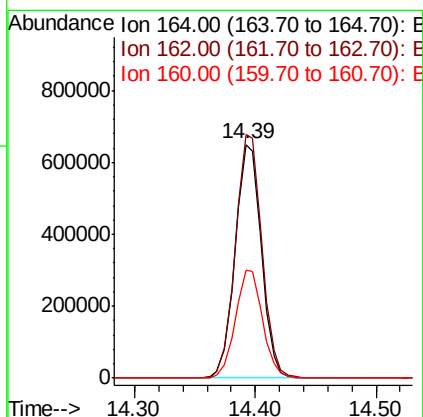
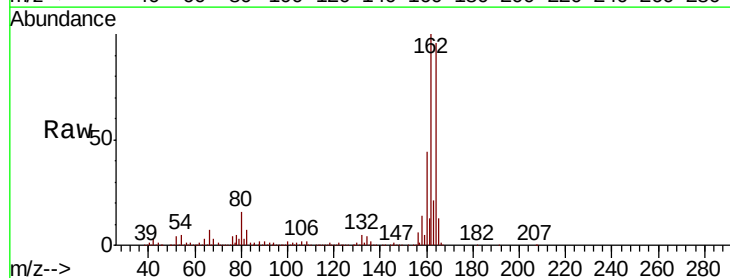
Instrument :
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ClientSampleId :
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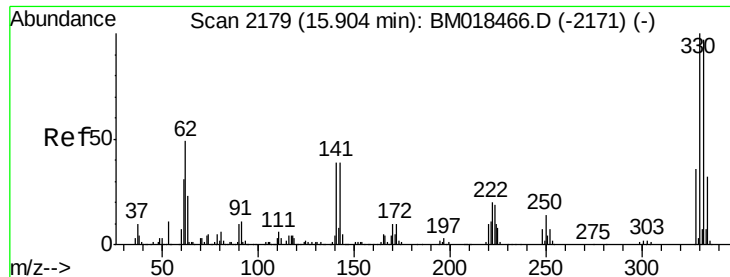
Tgt Ion:122 Resp: 130
Ion Ratio Lower Upper
122 100
105 0.0 100.4 140.4#
77 176.3 71.7 111.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1922
Delta R.T. -0.02 min
Lab File: BM018590.D
Acq: 16 Jan 2019 19:14

Tgt Ion:164 Resp: 983134
Ion Ratio Lower Upper
164 100
162 104.1 83.0 124.4
160 45.9 37.1 55.7

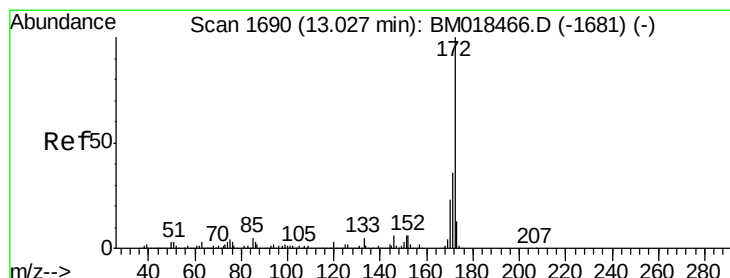
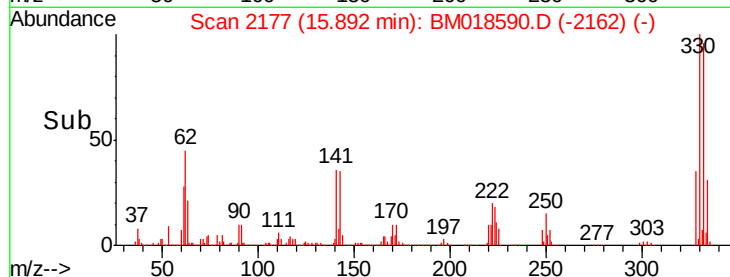
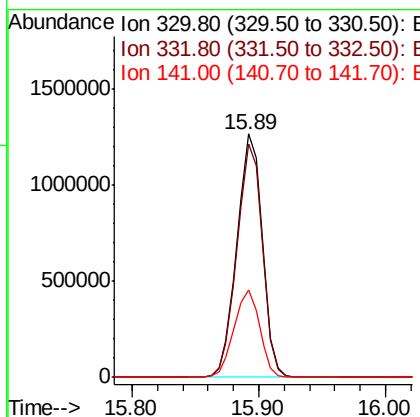
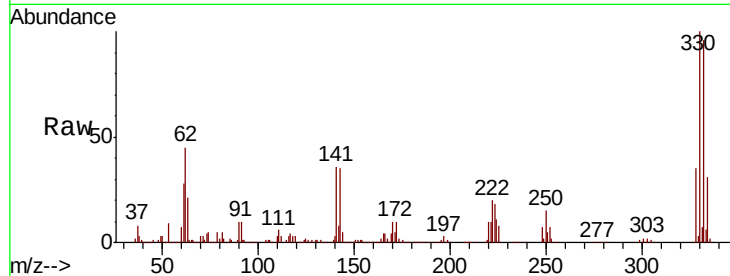




#42
 2,4,6-Tribromophenol
 Concen: 139.977 ng
 RT: 15.89 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: BM018590.D
 Acq: 16 Jan 2019 19:14

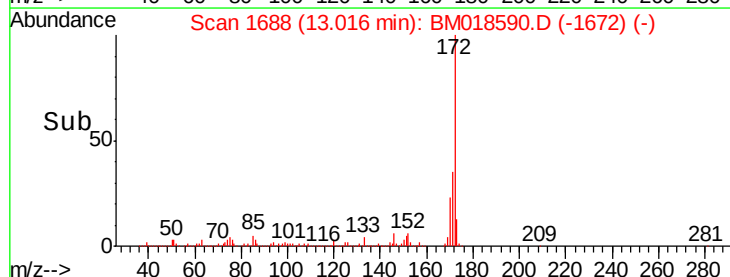
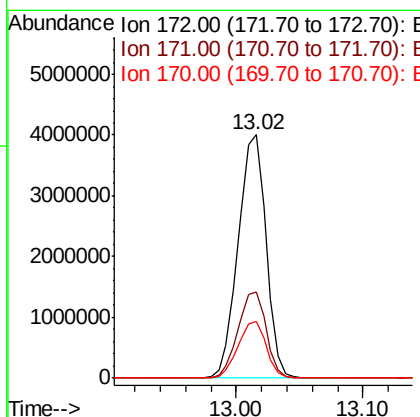
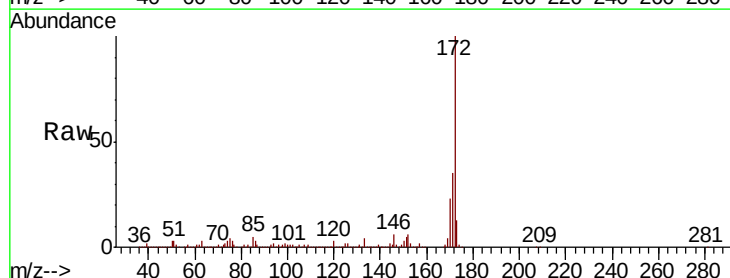
Instrument :
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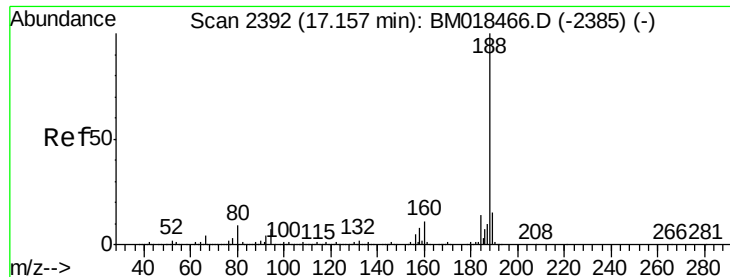
Tgt Ion:330 Resp: 1752243
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.6 116.4
 141 36.5 31.7 47.5



#45
 2-Fluorobiphenyl
 Concen: 81.168 ng
 RT: 13.02 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BM018590.D
 Acq: 16 Jan 2019 19:14

Tgt Ion:172 Resp: 6115504
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.2 42.4
 170 23.5 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.14 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BM018590.D

Acq: 16 Jan 2019 19:14

Instrument :

BNA_M

ClientSampleId :

SW004-190114-01

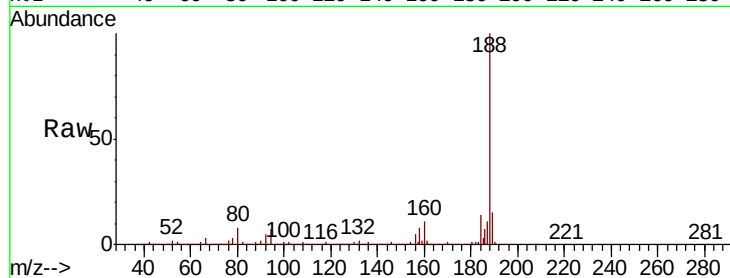
Tgt Ion:188 Resp: 2228381

Ion Ratio Lower Upper

188 100

94 7.5 7.1 10.7

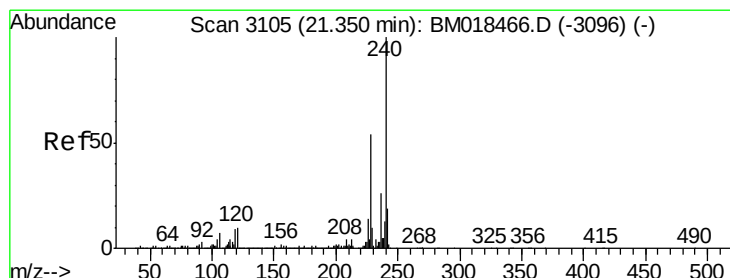
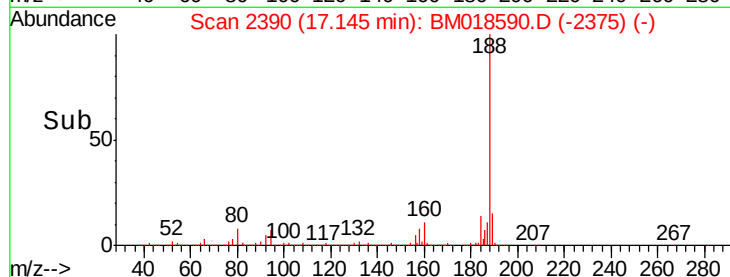
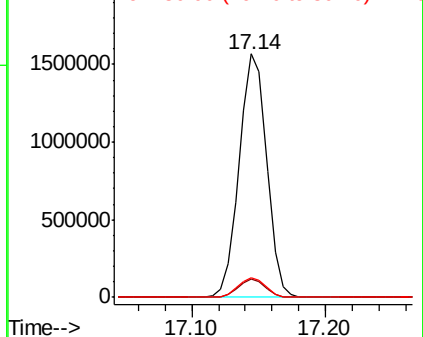
80 8.1 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.34 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM018590.D

Acq: 16 Jan 2019 19:14

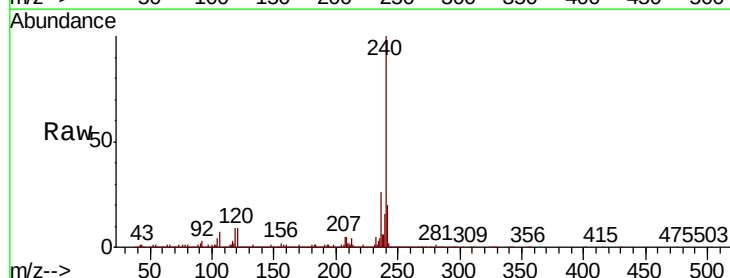
Tgt Ion:240 Resp: 1876130

Ion Ratio Lower Upper

240 100

120 9.0 8.4 12.6

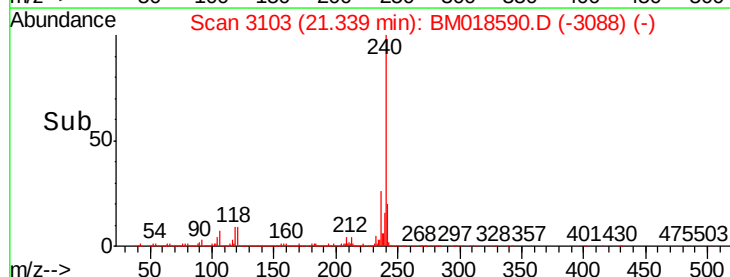
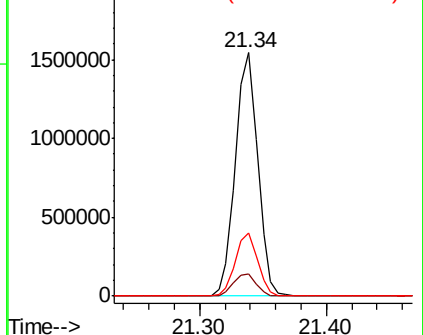
236 25.7 20.7 31.1

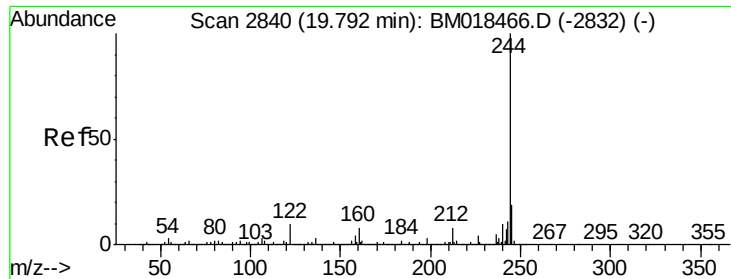


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

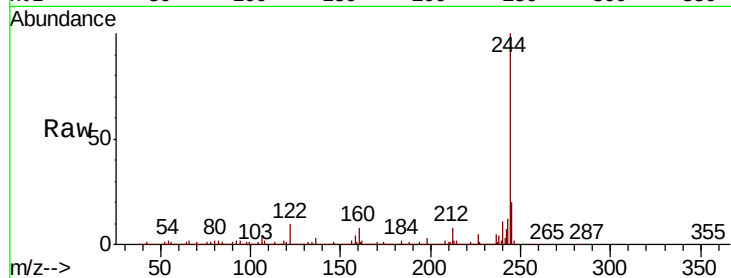




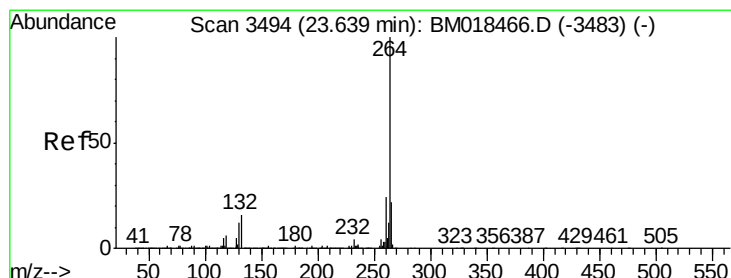
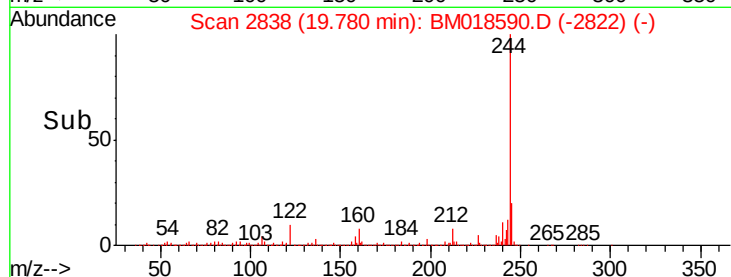
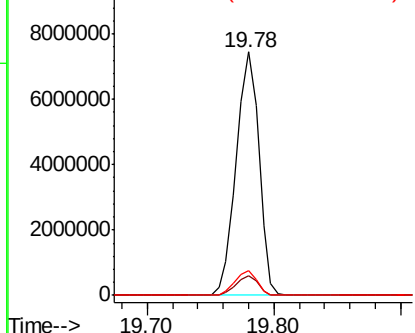
#79
 Terphenyl-d14
 Concen: 103.834 ng
 RT: 19.78 min Scan# 2838
 Delta R.T. -0.01 min
 Lab File: BM018590.D
 Acq: 16 Jan 2019 19:14

Instrument :
 BNA_M
 ClientSampleId :
 SW004-190114-01

Tgt Ion:244 Resp: 9241108
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.9 8.9
 122 10.3 9.0 13.4

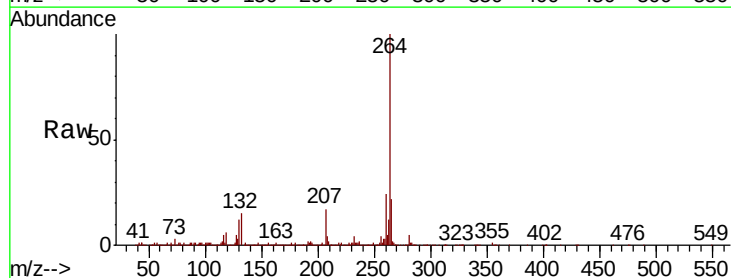


Abundance Ion 244.00 (243.70 to 244.70): E
 1e+07 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.61 min Scan# 3490
 Delta R.T. -0.02 min
 Lab File: BM018590.D
 Acq: 16 Jan 2019 19:14

Tgt Ion:264 Resp: 1520155
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.9 28.3
 265 22.1 16.8 25.2



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

