

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
 Data File : BM019010.D
 Acq On : 04 Mar 2019 15:29
 Operator : JU/SJ
 Sample : K1638-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 05 03:33:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

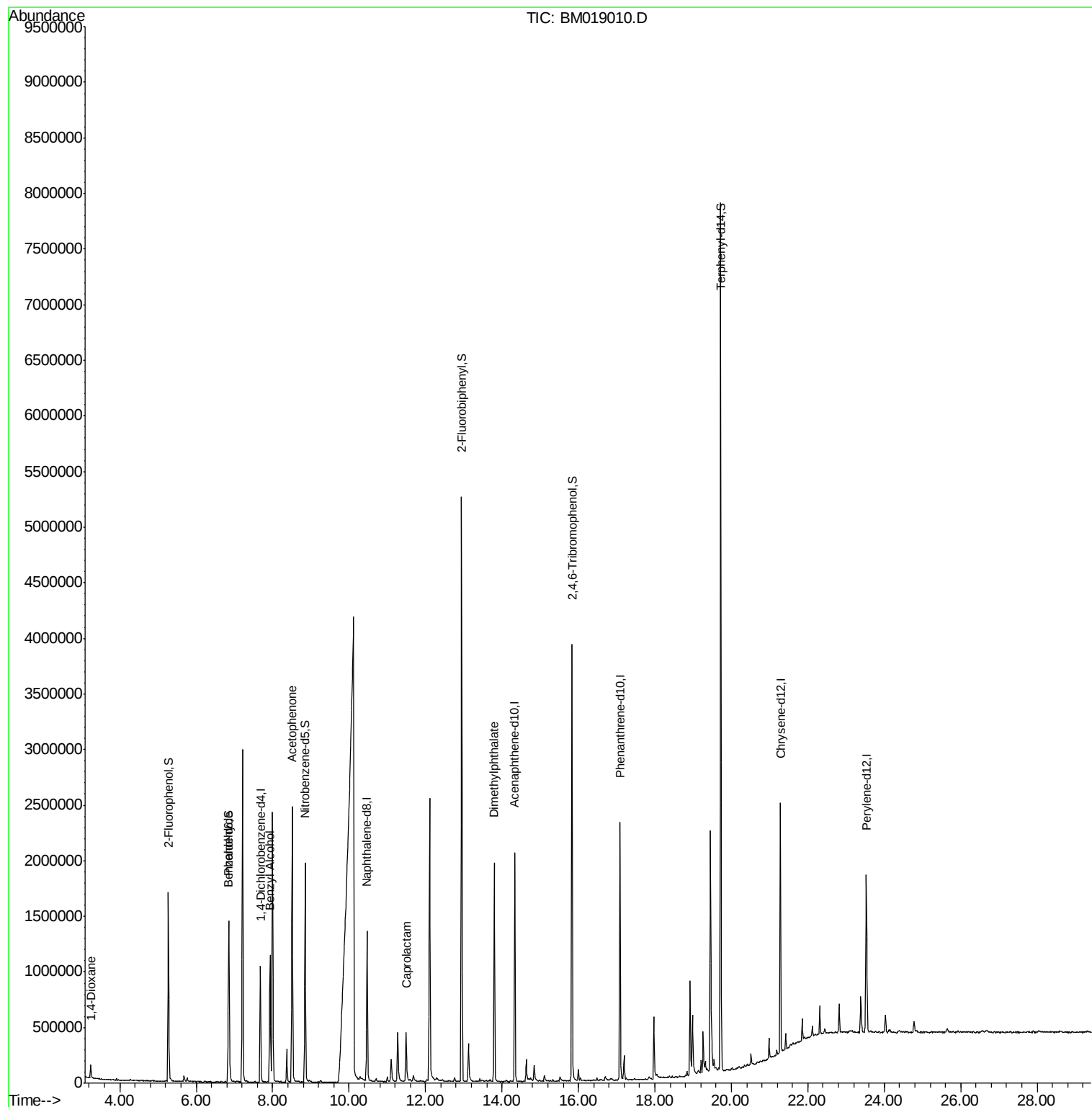
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	264533	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	1098401	20.00	ng	-0.04
39) Acenaphthene-d10	14.33	164	616409	20.00	ng	-0.03
64) Phenanthrene-d10	17.09	188	1260190	20.00	ng	-0.03
76) Chrysene-d12	21.29	240	1007252	20.00	ng	-0.02
87) Perylene-d12	23.53	264	1008497	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	693701	42.97	ng	-0.03
7) Phenol-d6	6.86	99	633995	27.87	ng	-0.03
23) Nitrobenzene-d5	8.85	82	1330044	55.99	ng	-0.04
42) 2,4,6-Tribromophenol	15.83	330	726617	81.78	ng	-0.03
45) 2-Fluorobiphenyl	12.95	172	2532419	54.54	ng	-0.04
79) Terphenyl-d14	19.72	244	3323722	68.07	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.24	88	64448	9.165	ng	99
9) Benzaldehyde	6.84	77	286322	19.747	ng	99
15) Benzyl Alcohol	7.93	79	443196	24.523	ng	99
22) Acetophenone	8.51	105	1295628	42.953	ng	# 100
35) Caprolactam	11.49	113	95361	14.189	ng	93
50) Dimethylphthalate	13.80	163	1202430	23.407	ng	100

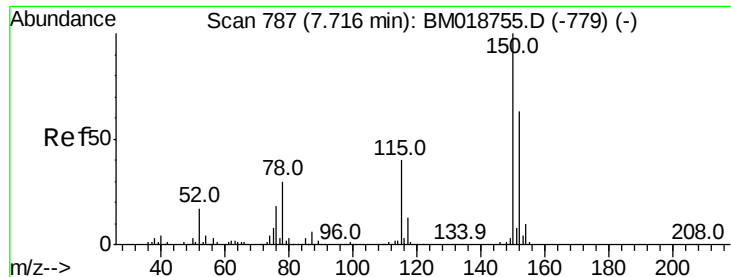
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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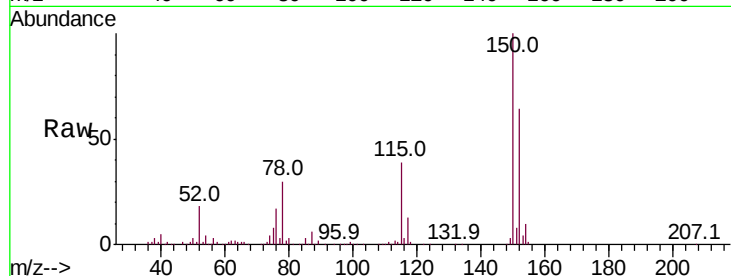


#1

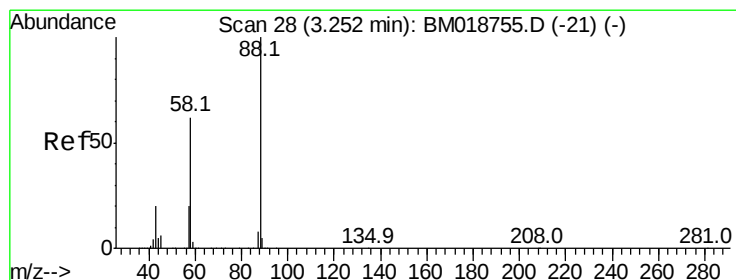
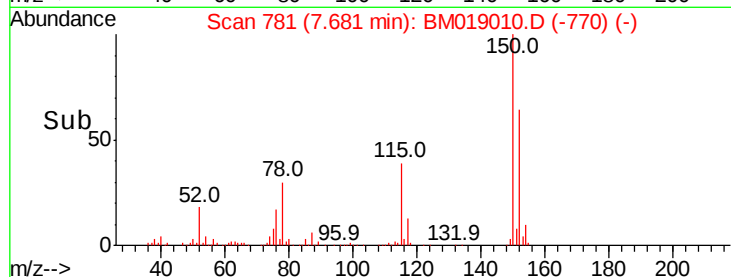
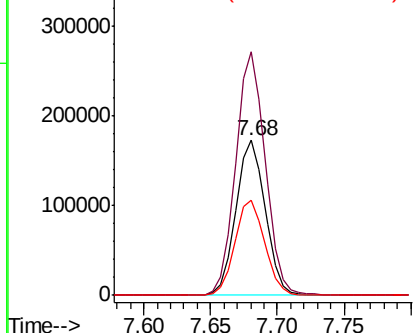
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM019010.D
Acq: 04 Mar 2019 15:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 264533
Ion Ratio Lower Upper
152 100
150 157.3 127.3 190.9
115 61.1 50.8 76.2



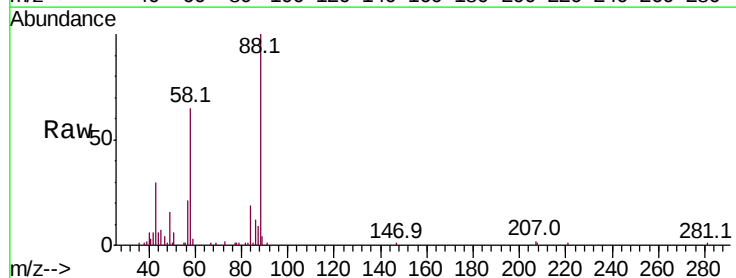
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



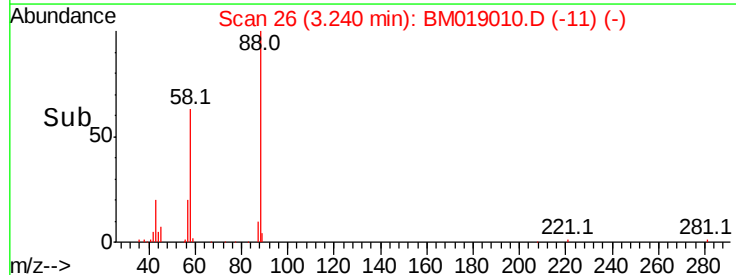
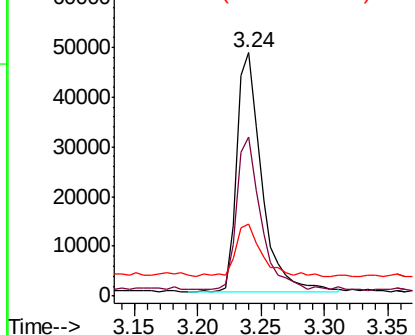
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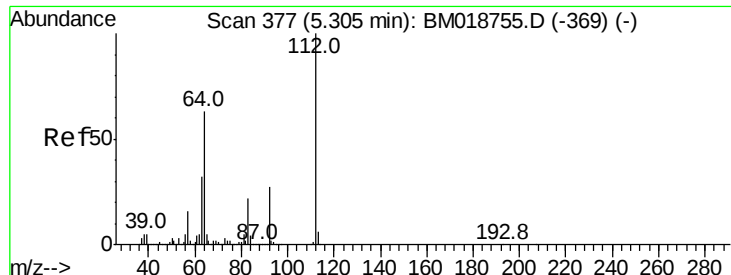
1,4-Dioxane
Concen: 9.165 ng
RT: 3.24 min Scan# 26
Delta R.T. -0.01 min
Lab File: BM019010.D
Acq: 04 Mar 2019 15:29

Tgt Ion: 88 Resp: 64448
Ion Ratio Lower Upper
88 100
58 62.9 49.8 74.6
43 22.3 16.7 25.1



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#5

2-Fluorophenol

Concen: 42.967 ng

RT: 5.27 min Scan# 372

Delta R.T. -0.03 min

Lab File: BM019010.D

Acq: 04 Mar 2019 15:29

Instrument :

BNA_M

ClientSampleId :

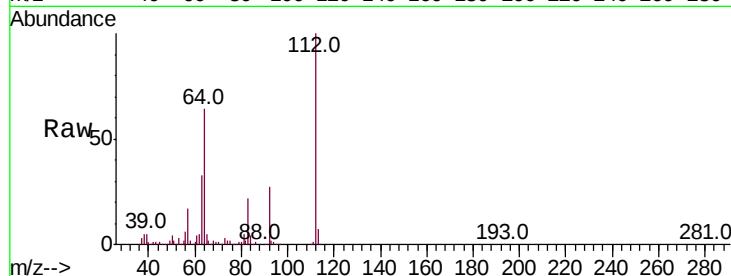
Tot Ion:112 Resp: 693701

Ion Ratio Lower Upper

112 100

64 63.9 50.6 75.8

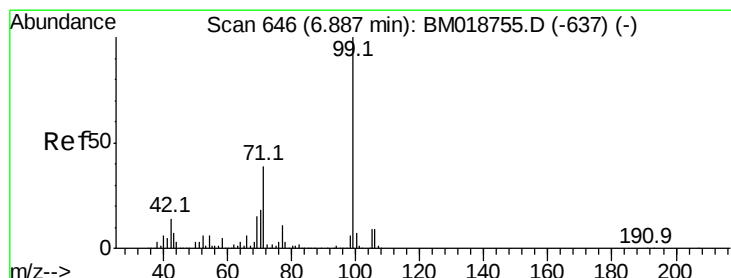
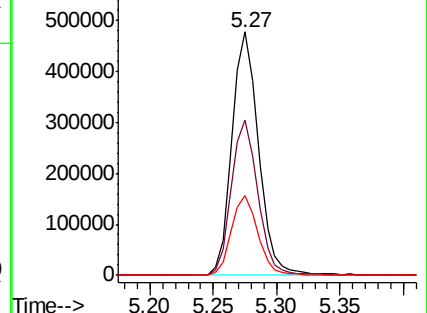
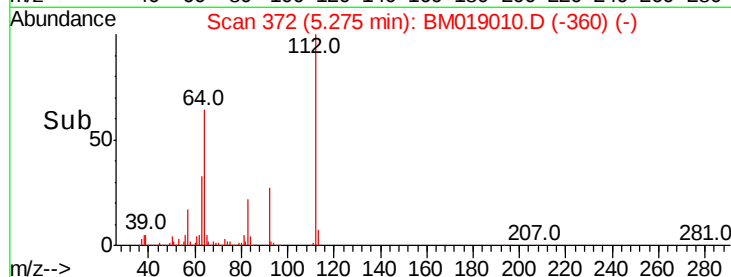
63 32.6 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#7

Phenol-d6

Concen: 27.875 ng

RT: 6.86 min Scan# 641

Delta R.T. -0.03 min

Lab File: BM019010.D

Acq: 04 Mar 2019 15:29

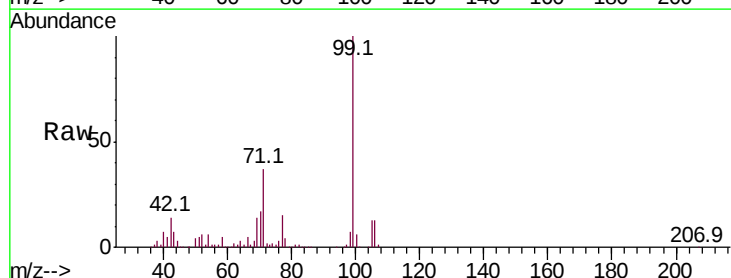
Tgt Ion: 99 Resp: 633995

Ion Ratio Lower Upper

99 100

42 13.6 11.0 16.6

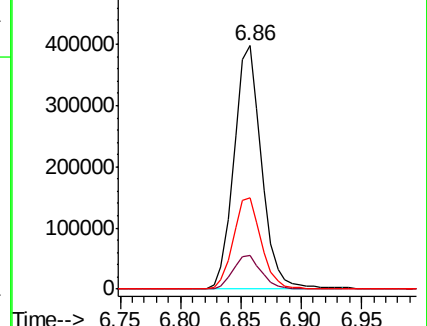
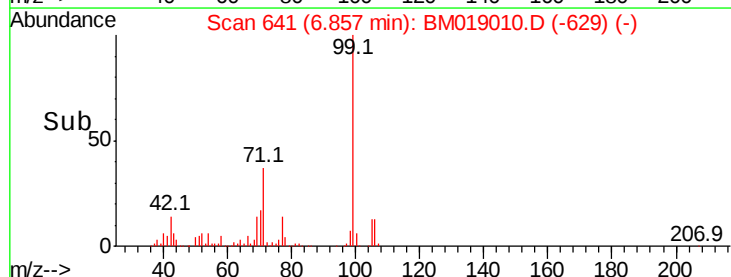
71 37.5 31.3 46.9

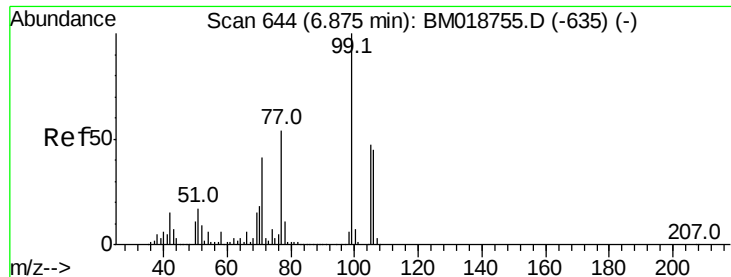


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#9

Benzaldehyde

Concen: 19.747 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.04 min

Lab File: BM019010.D

Acq: 04 Mar 2019 15:29

Instrument :

BNA_M

ClientSampleId :

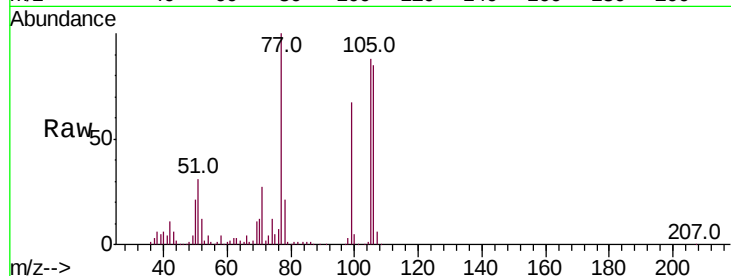
Tot Ion: 77 Resp: 286322

Ion Ratio Lower Upper

77 100

105 87.8 67.3 107.3

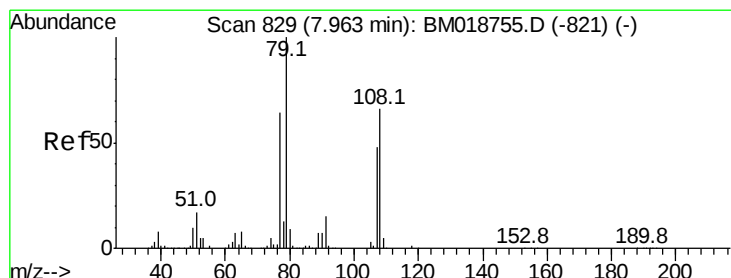
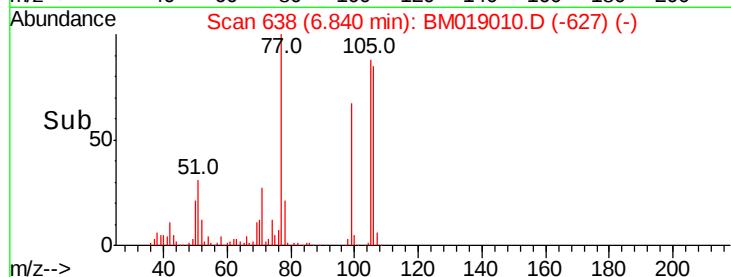
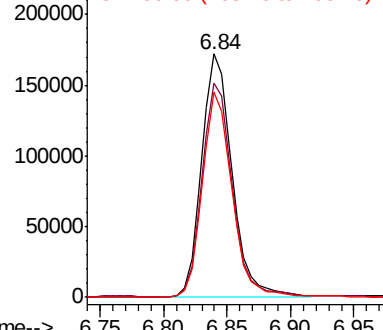
106 84.5 62.9 102.9



Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-635) (-)

Ion 105.00 (104.70 to 105.70): BM018755.D (-635) (-)

Ion 106.00 (105.70 to 106.70): BM018755.D (-635) (-)



#15

Benzyl Alcohol

Concen: 24.523 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.03 min

Lab File: BM019010.D

Acq: 04 Mar 2019 15:29

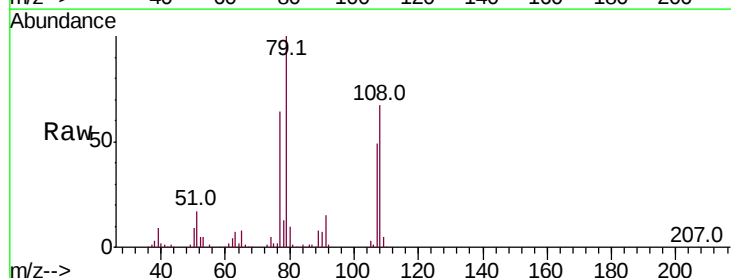
Tgt Ion: 79 Resp: 443196

Ion Ratio Lower Upper

79 100

108 67.0 52.7 79.1

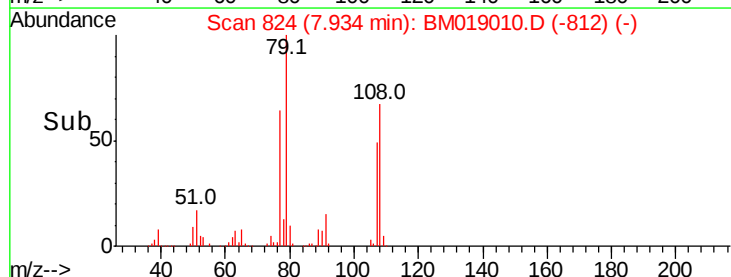
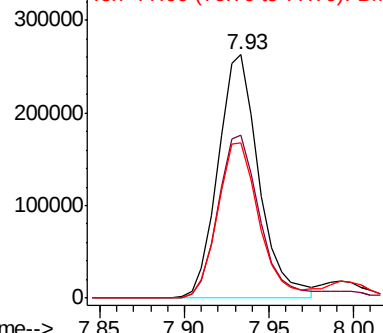
77 63.6 51.0 76.4

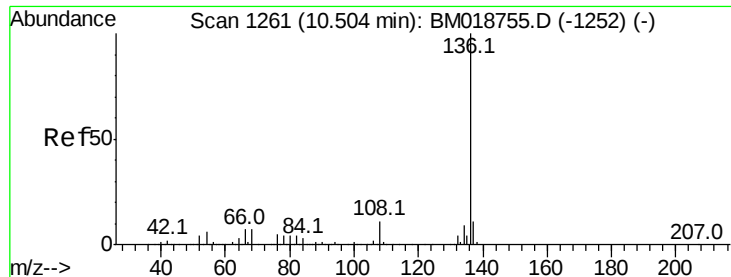


Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-821) (-)

Ion 108.00 (107.70 to 108.70): BM018755.D (-821) (-)

Ion 77.00 (76.70 to 77.70): BM018755.D (-821) (-)



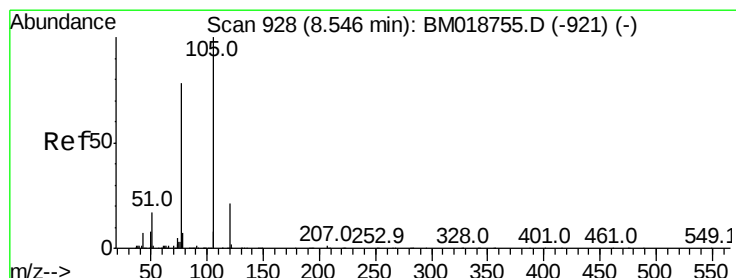
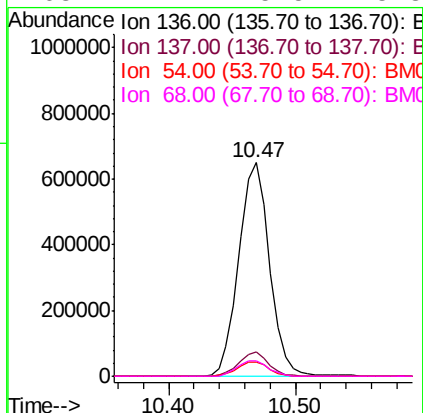
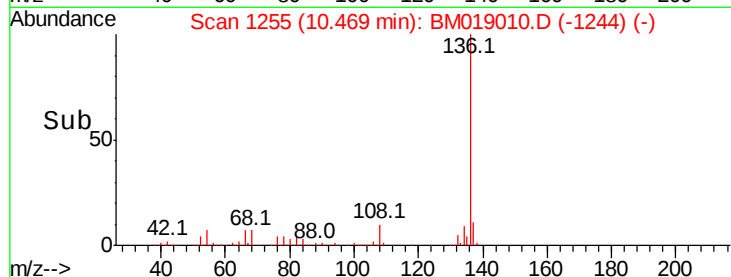
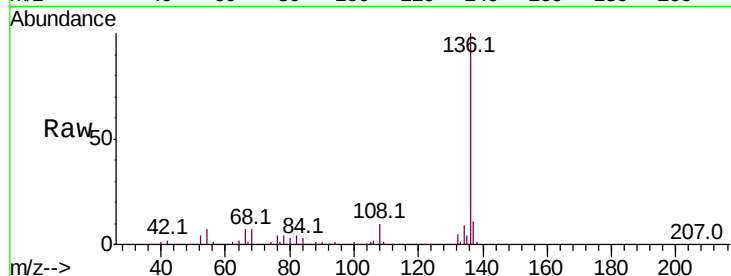


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.47 min Scan# 1255
Delta R.T. -0.04 min
Lab File: BM019010.D
Acq: 04 Mar 2019 15:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136 Resp: 1098401

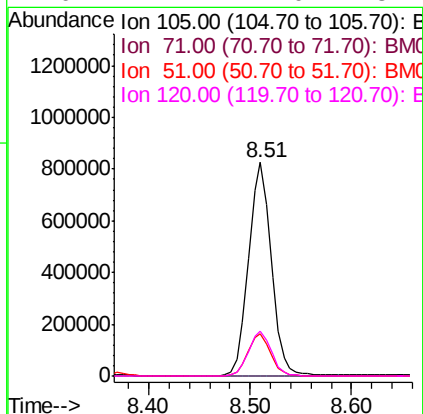
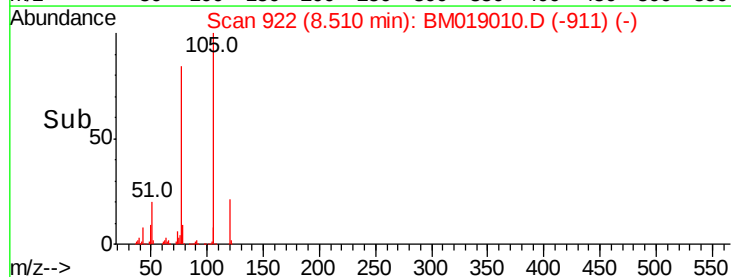
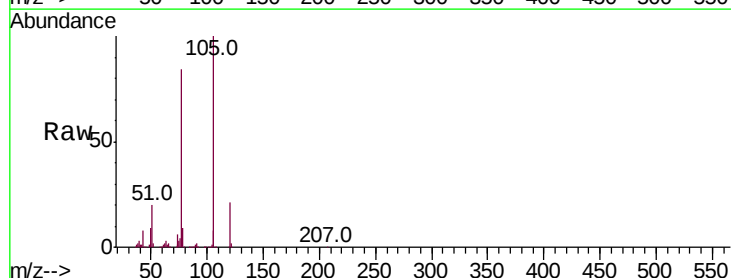
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	6.7	5.0	7.6
68	7.2	5.5	8.3

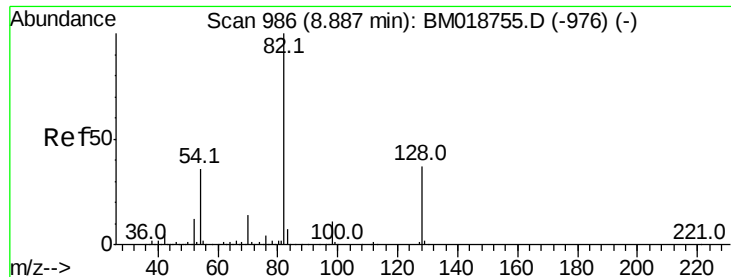


#22
Acetophenone
Concen: 42.953 ng
RT: 8.51 min Scan# 922
Delta R.T. -0.04 min
Lab File: BM019010.D
Acq: 04 Mar 2019 15:29

Tgt Ion:105 Resp: 1295628

Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.1	1.7#
51	19.7	15.5	23.3
120	21.2	17.0	25.4

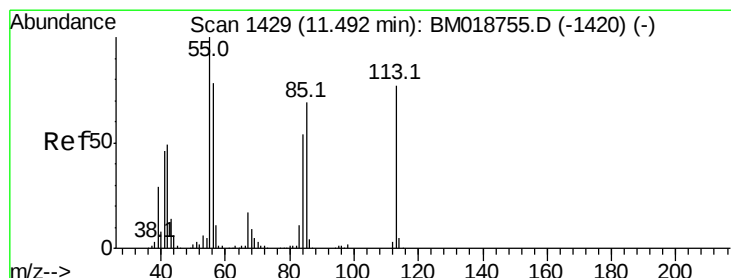
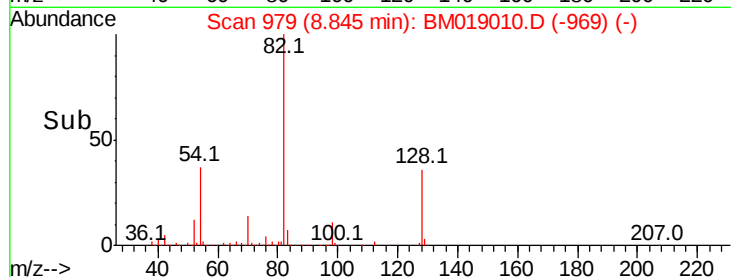
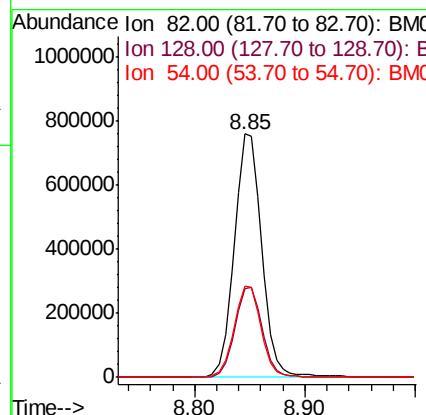
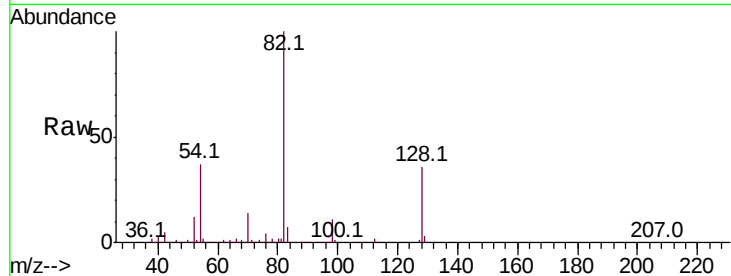




#23
 Nitrobenzene-d5
 Concen: 55.990 ng
 RT: 8.85 min Scan# 979
 Delta R.T. -0.04 min
 Lab File: BM019010.D
 Acq: 04 Mar 2019 15:29

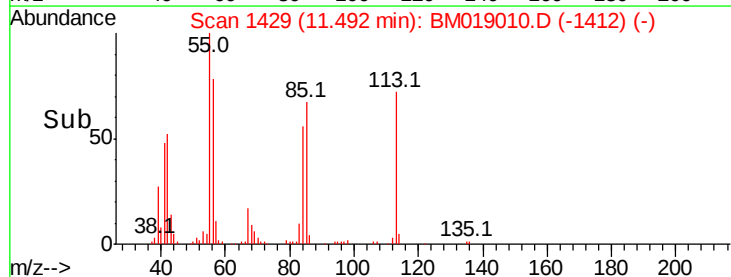
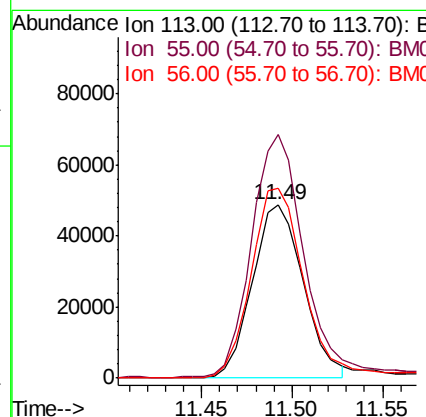
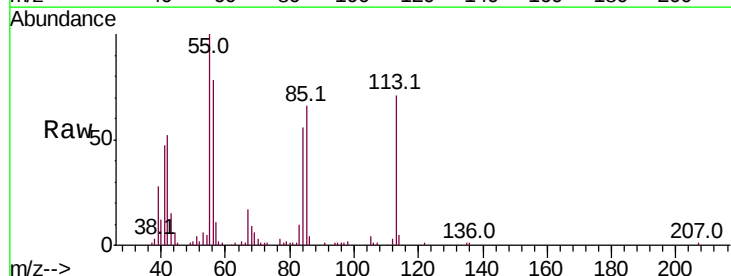
Instrument :
 BNA_M
 ClientSampled :

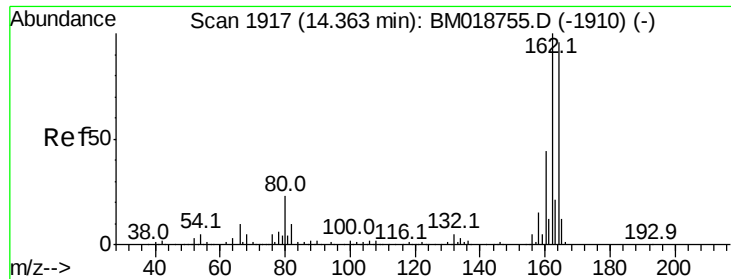
Tot Ion: 82 Resp: 1330044
 Ion Ratio Lower Upper
 82 100
 128 36.4 29.9 44.9
 54 37.3 29.1 43.7



#35
 Caprolactam
 Concen: 14.189 ng
 RT: 11.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BM019010.D
 Acq: 04 Mar 2019 15:29

Tgt Ion: 113 Resp: 95361
 Ion Ratio Lower Upper
 113 100
 55 140.3 110.7 150.7
 56 109.1 82.4 122.4

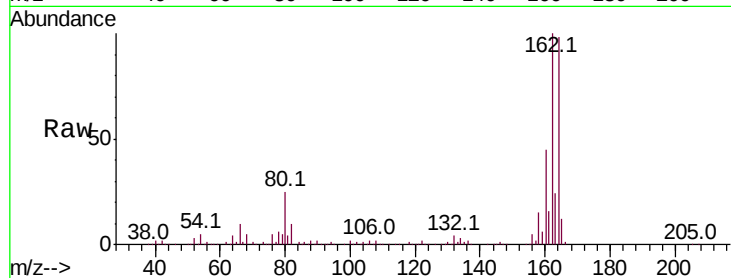




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.33 min Scan# 1912
 Delta R.T. -0.03 min
 Lab File: BM019010.D
 Acq: 04 Mar 2019 15:29

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.4	125.0
160	45.6	36.6	55.0

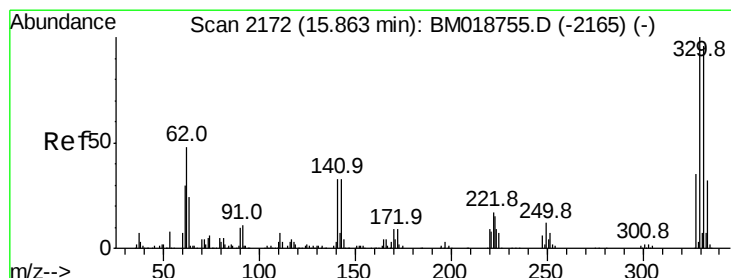
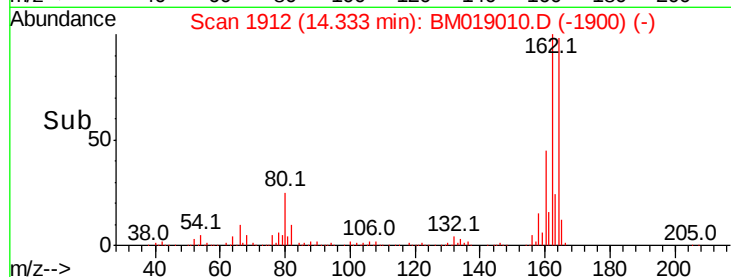
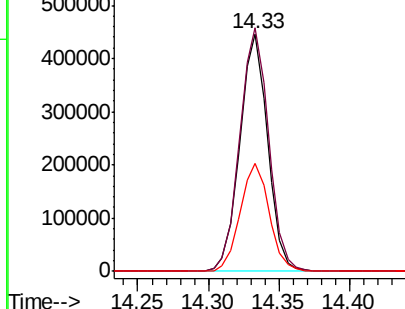


Abundance

Ion 164.00 (163.70 to 164.70): E

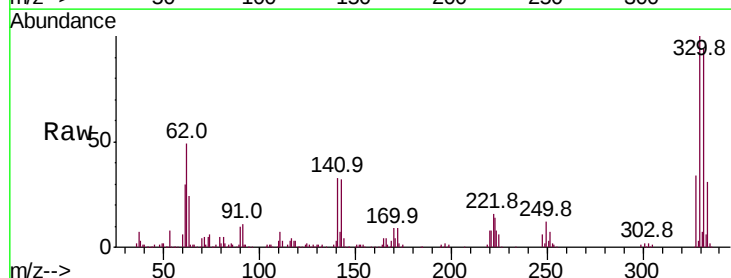
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
 2,4,6-Tribromophenol
 Concen: 81.777 ng
 RT: 15.83 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BM019010.D
 Acq: 04 Mar 2019 15:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.9	115.3
141	34.4	28.7	43.1

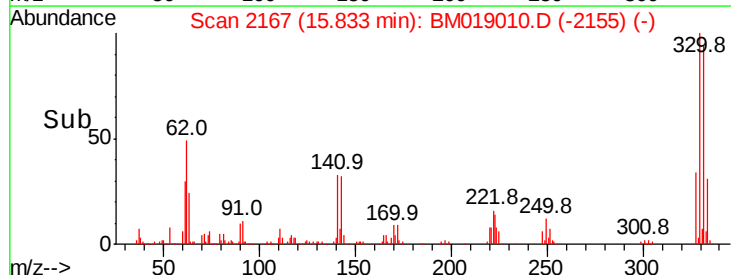
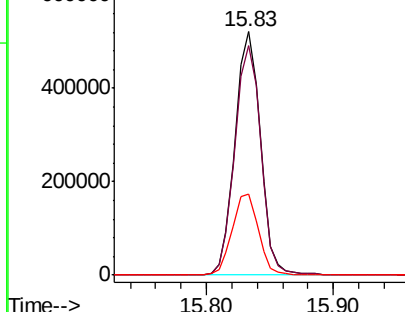


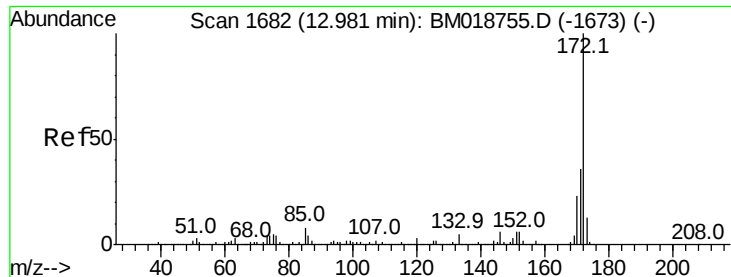
Abundance

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



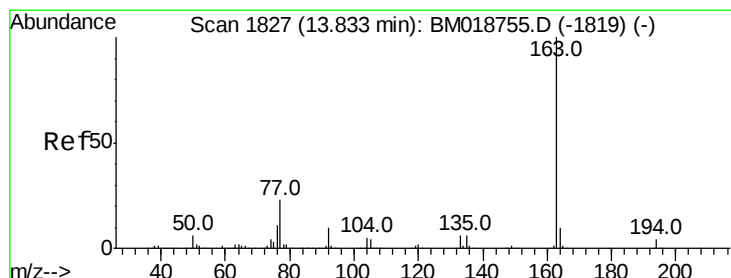
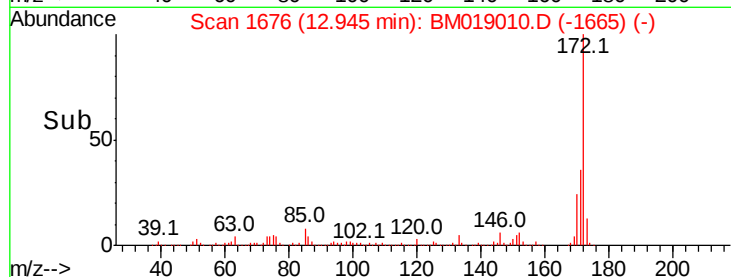
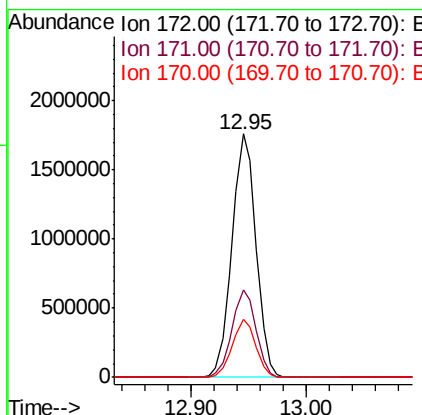
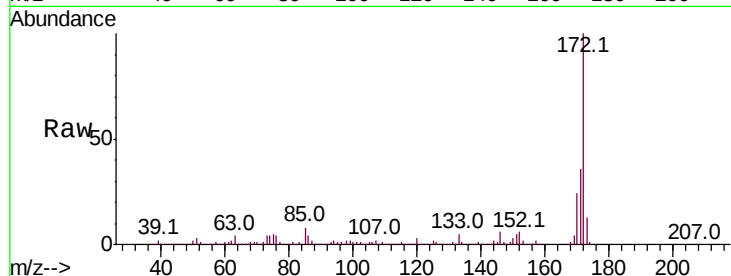


#45
 2-Fluorobiphenyl
 Concen: 54.537 ng
 RT: 12.95 min Scan# 1676
 Delta R.T. -0.04 min
 Lab File: BM019010.D
 Acq: 04 Mar 2019 15:29

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 2532419

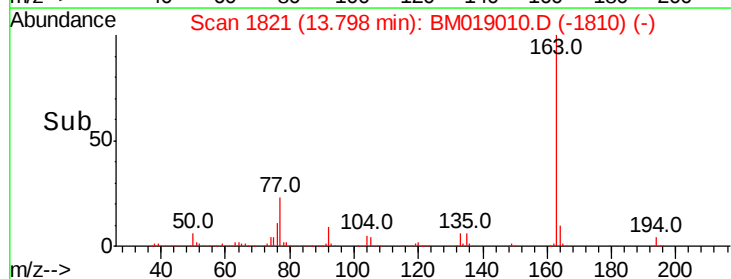
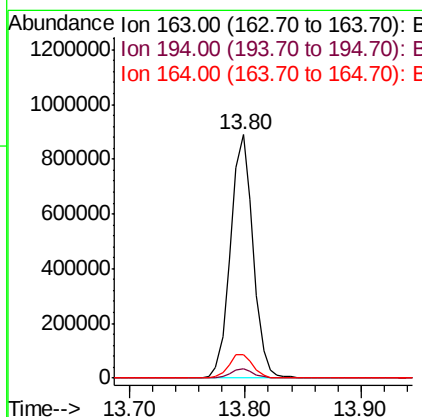
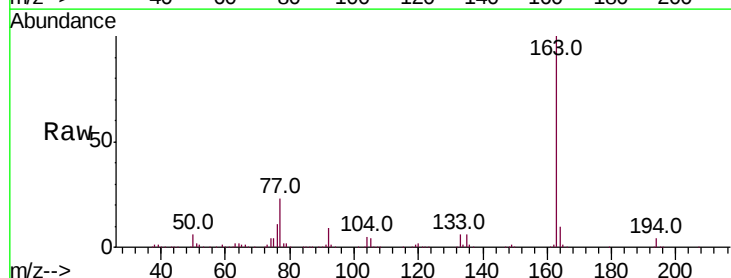
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	23.8	18.6	28.0

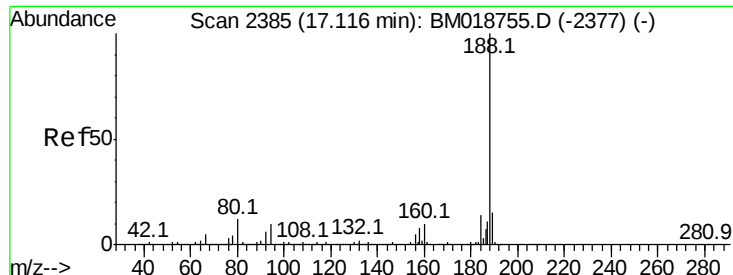


#50
 Dimethylphthalate
 Concen: 23.407 ng
 RT: 13.80 min Scan# 1821
 Delta R.T. -0.04 min
 Lab File: BM019010.D
 Acq: 04 Mar 2019 15:29

Tgt Ion:163 Resp: 1202430

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.7	7.8	11.8

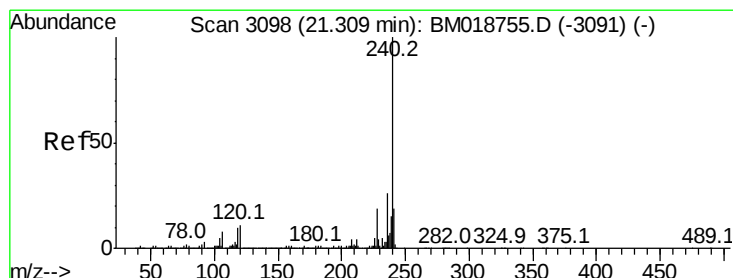
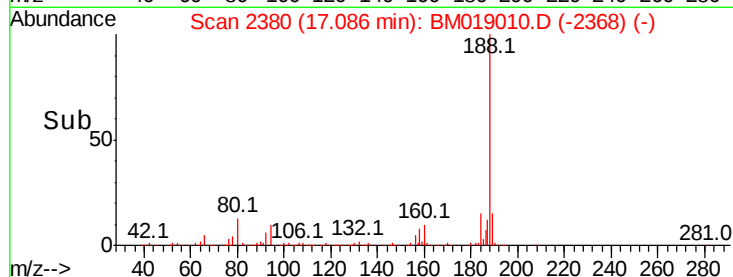
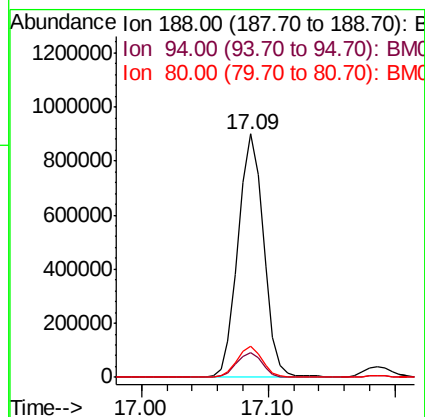
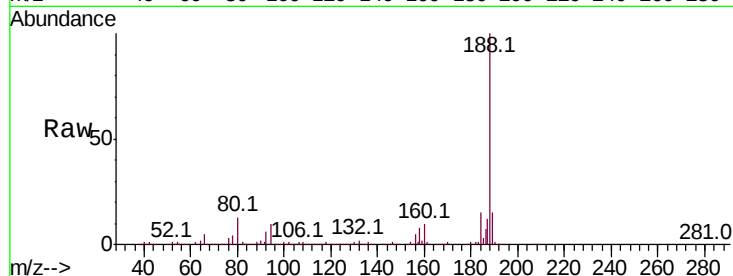




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM019010.D
Acq: 04 Mar 2019 15:29

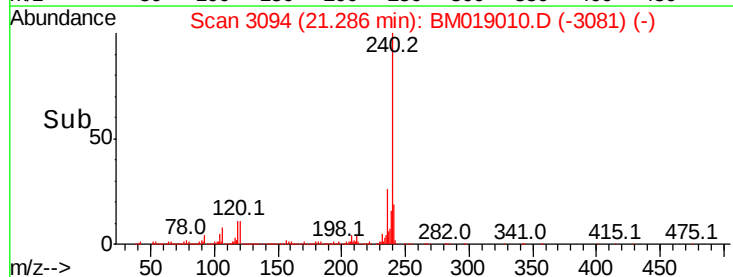
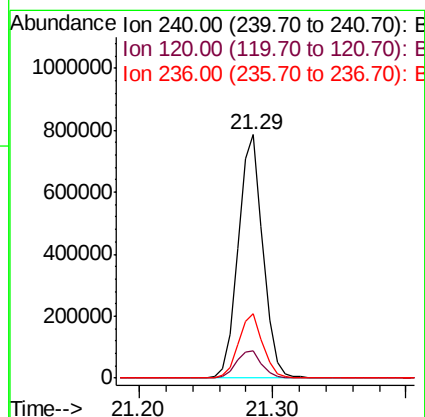
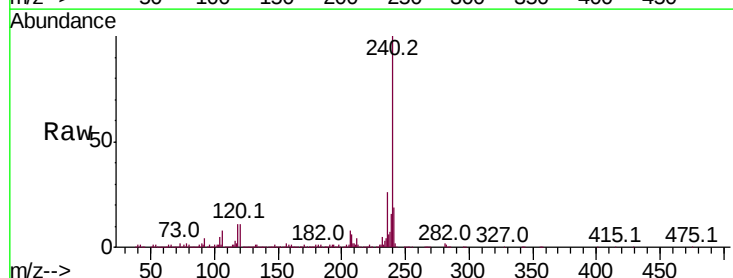
Instrument :
BNA_M
ClientSampleId :

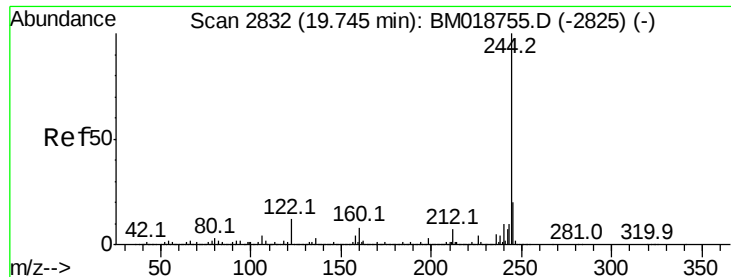
Tot Ion:188 Resp: 1260190
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.2
80 12.5 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BM019010.D
Acq: 04 Mar 2019 15:29

Tgt Ion:240 Resp: 1007252
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 26.2 20.9 31.3

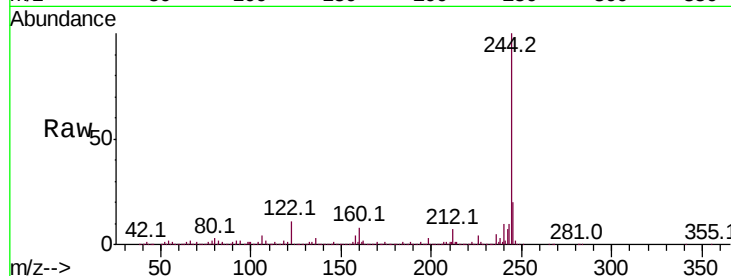




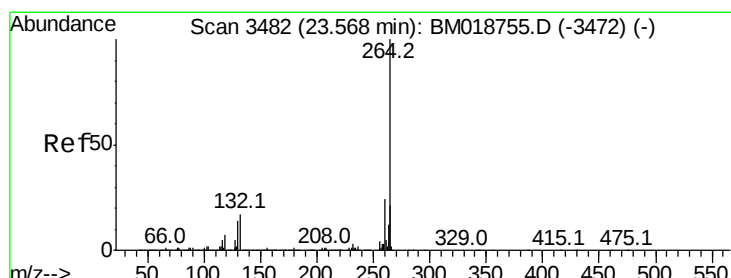
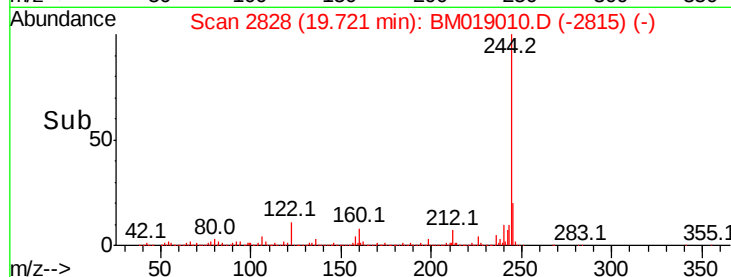
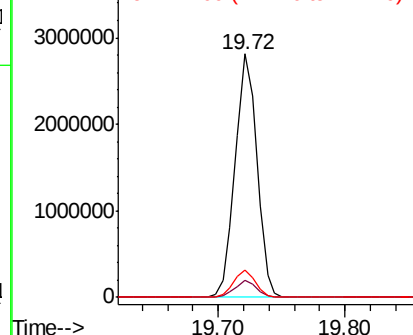
#79
 Terphenyl-d14
 Concen: 68.071 ng
 RT: 19.72 min Scan# 2828
 Delta R.T. -0.02 min
 Lab File: BM019010.D
 Acq: 04 Mar 2019 15:29

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 3323722
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.4 9.3 13.9

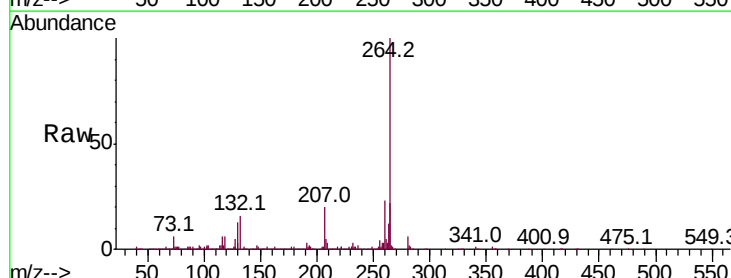


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.53 min Scan# 3476
 Delta R.T. -0.04 min
 Lab File: BM019010.D
 Acq: 04 Mar 2019 15:29

Tgt Ion:264 Resp: 1008497
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.9 28.3
 265 21.5 17.3 25.9



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

