

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
 Data File : BM019142.D
 Acq On : 13 Mar 2019 10:53
 Operator : JU/SJ
 Sample : K1842-08DL 2X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 13 14:16:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

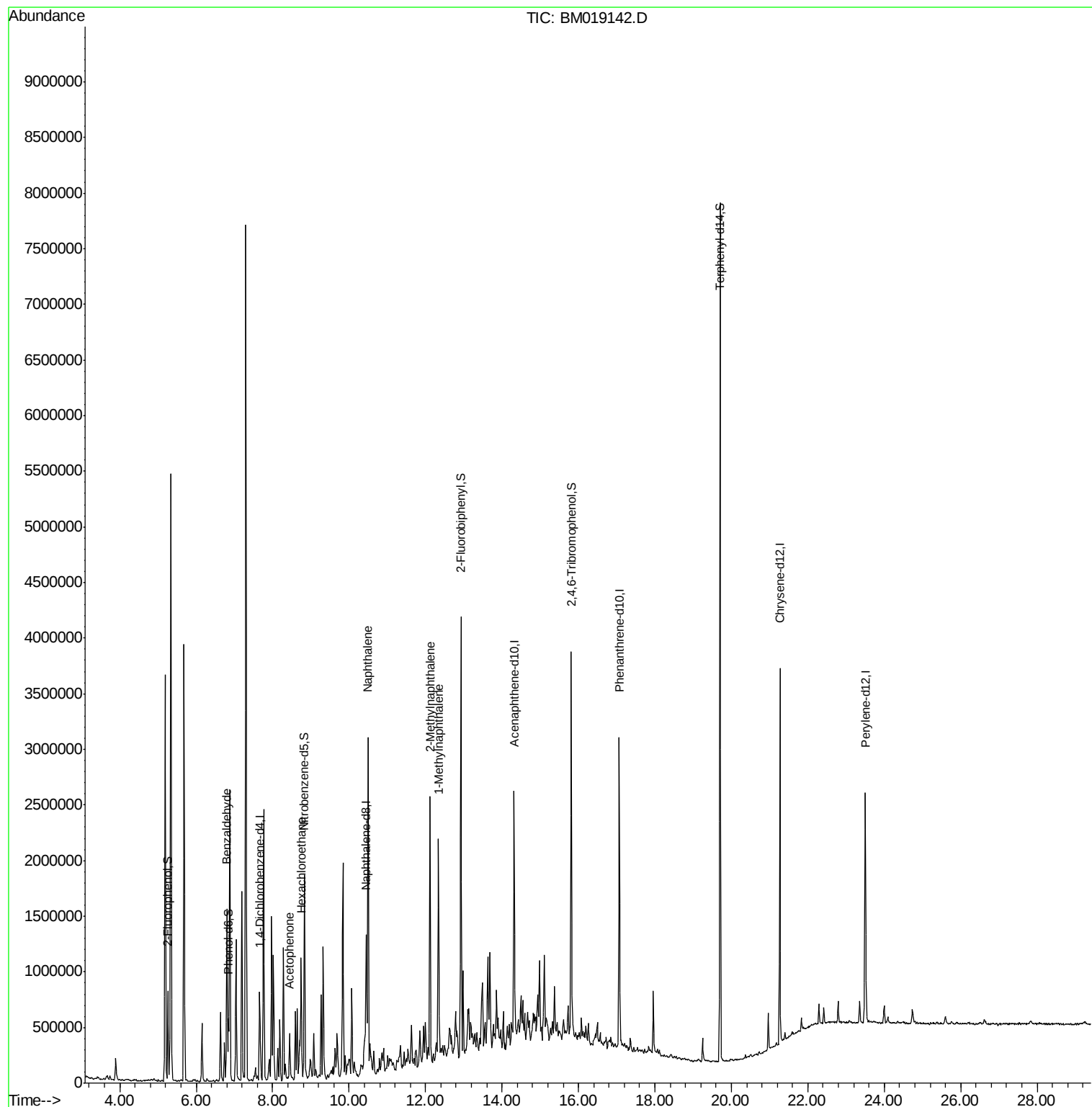
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	205665	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	985061	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	649480	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1493488	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1569954	20.00	ng	0.00
87) Perylene-d12	23.50	264	1420778	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	347946	27.40	ng	0.00
7) Phenol-d6	6.84	99	334621	18.01	ng	0.00
23) Nitrobenzene-d5	8.83	82	815348	39.13	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	618322	64.48	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	1864276	37.34	ng	0.00
79) Terphenyl-d14	19.70	244	3258038	41.20	ng	0.00
Target Compounds						
9) Benzaldehyde	6.80	77	122062	10.447	ng	# 1
18) Hexachloroethane	8.75	117	109990	17.977	ng	# 1
22) Acetophenone	8.45	105	249407	9.162	ng	# 61
31) Naphthalene	10.50	128	2259253	43.514	ng	99
37) 2-Methylnaphthalene	12.12	142	1063708	28.193	ng	100
38) 1-Methylnaphthalene	12.34	142	876154	23.560	ng	99

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

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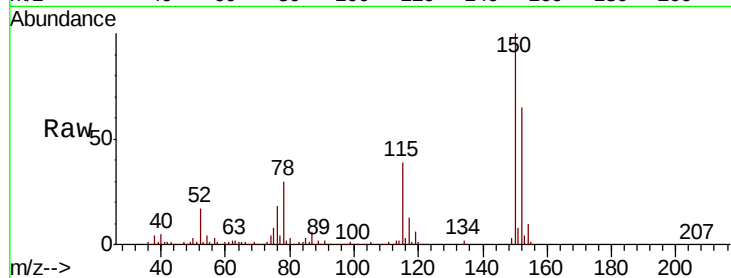


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BM019142.D
Acq: 13 Mar 2019 10:53

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	125.3	187.9
115	60.3	49.4	74.0

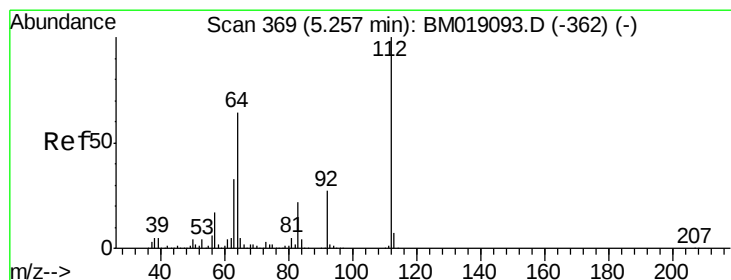
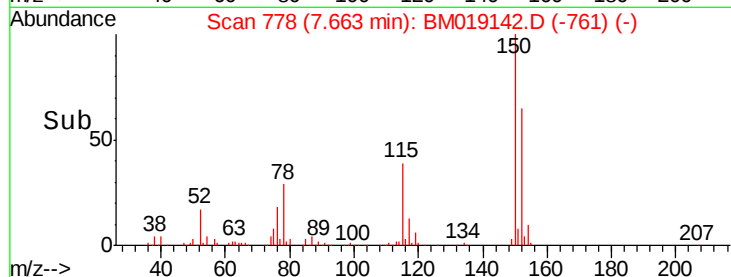
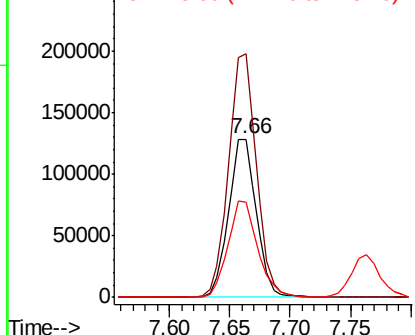


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

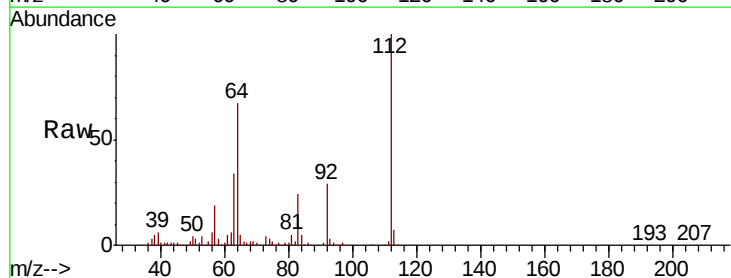
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 27.398 ng
RT: 5.26 min Scan# 369
Delta R.T. 0.00 min
Lab File: BM019142.D
Acq: 13 Mar 2019 10:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	51.4	77.0
63	34.5	26.6	40.0

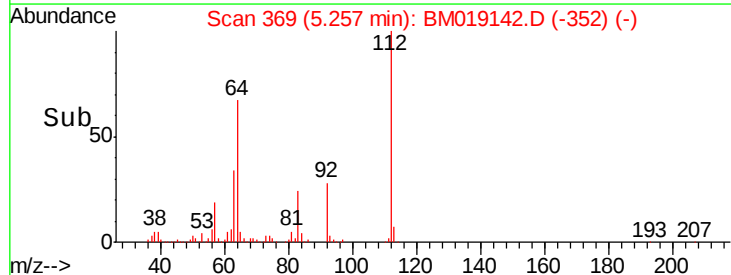
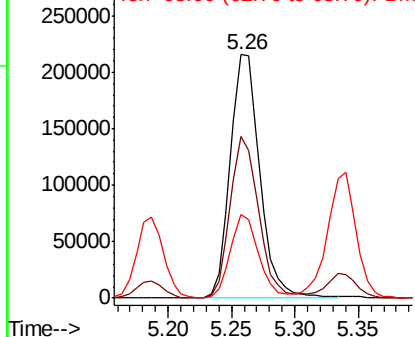


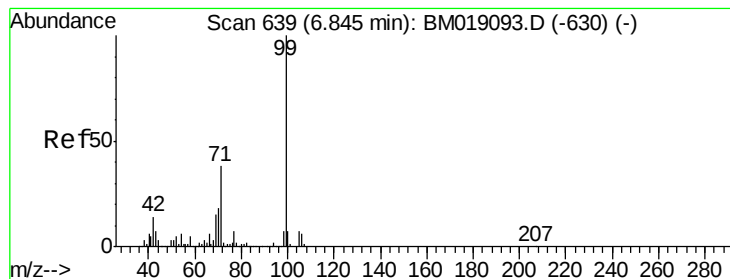
Abundance

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: 18.014 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM019142.D

Acq: 13 Mar 2019 10:53

Instrument :

BNA_M

ClientSampleId :

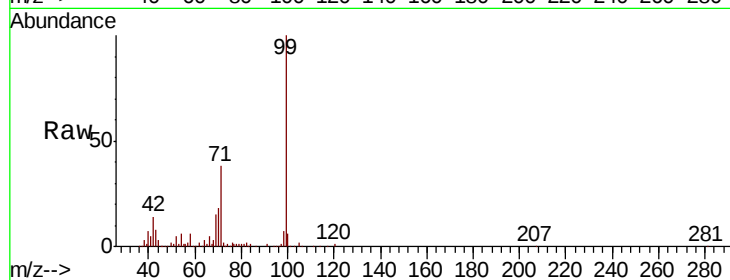
Tot Ion: 99 Resp: 334621

Ion Ratio Lower Upper

99 100

42 14.4 10.9 16.3

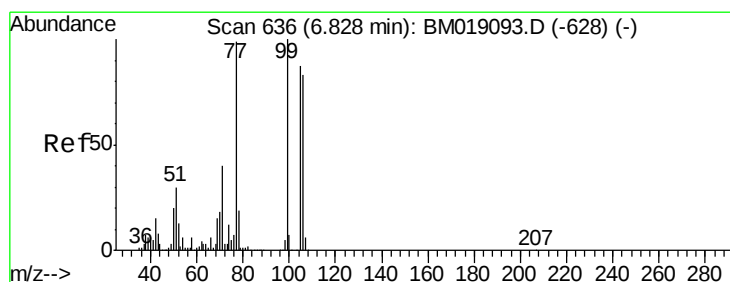
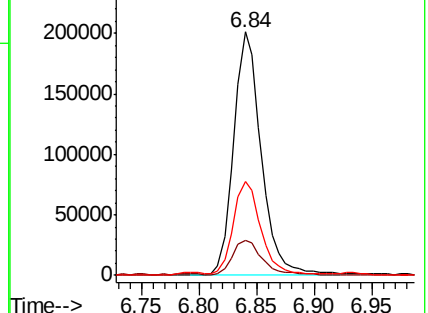
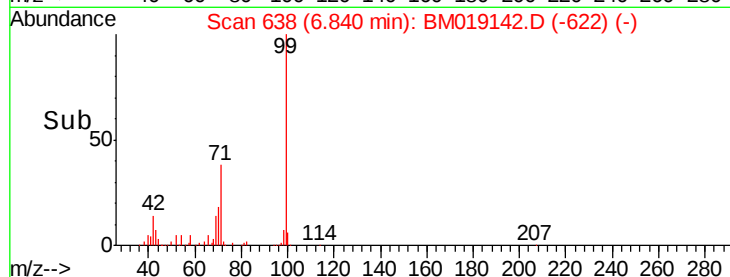
71 38.4 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019142.D (-638) (-)

Ion 42.00 (41.70 to 42.70): BM019142.D (-638) (-)

Ion 71.00 (70.70 to 71.70): BM019142.D (-638) (-)



#9

Benzaldehyde

Concen: 10.447 ng

RT: 6.80 min Scan# 631

Delta R.T. -0.03 min

Lab File: BM019142.D

Acq: 13 Mar 2019 10:53

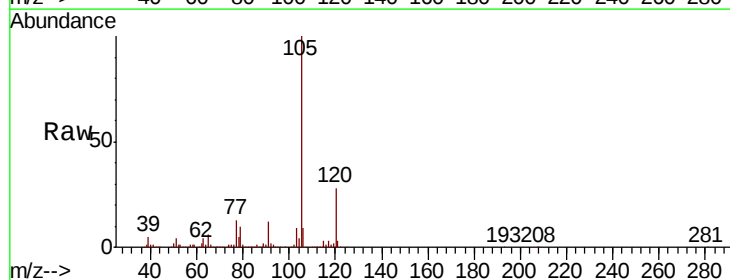
Tgt Ion: 77 Resp: 122062

Ion Ratio Lower Upper

77 100

105 741.9 67.7 107.7#

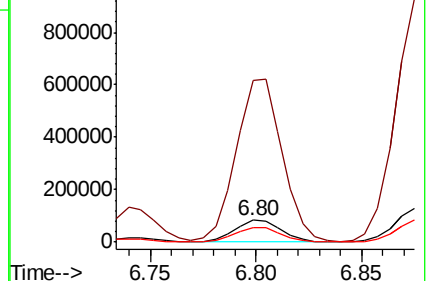
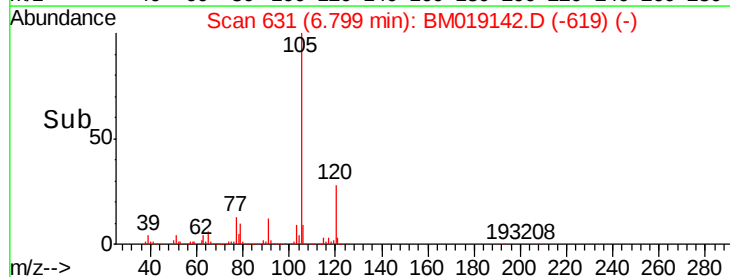
106 67.3 64.1 104.1

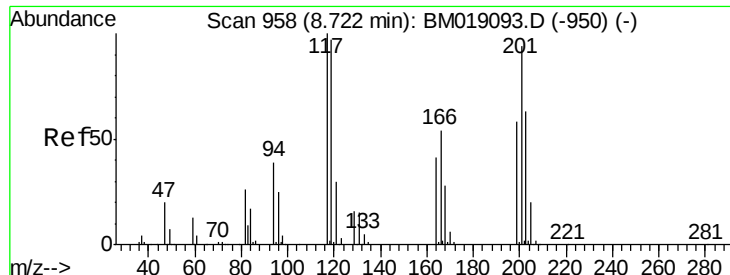


Abundance Ion 77.00 (76.70 to 77.70): BM019142.D (-631) (-)

Ion 105.00 (104.70 to 105.70): BM019142.D (-631) (-)

Ion 106.00 (105.70 to 106.70): BM019142.D (-631) (-)

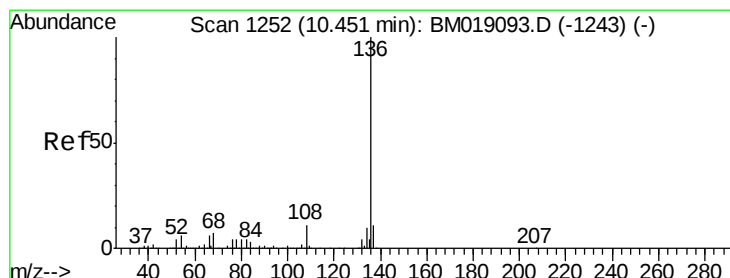
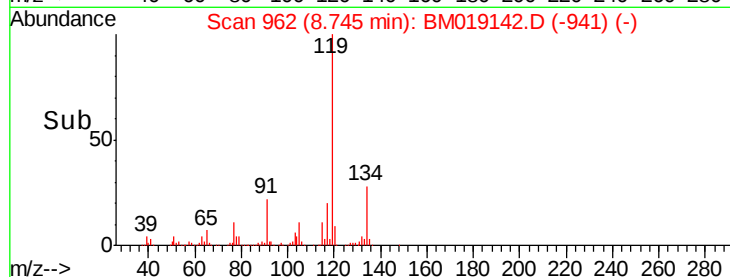
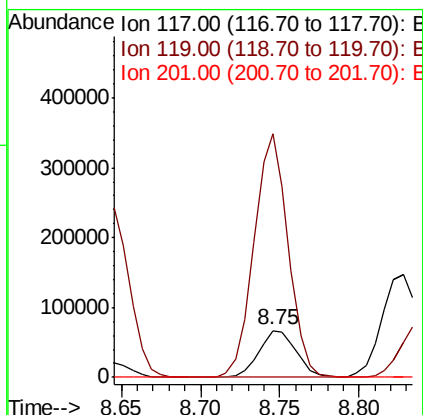
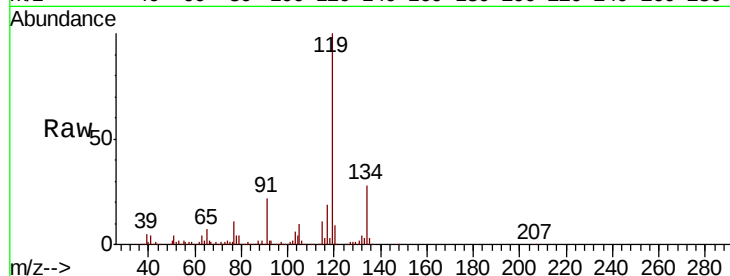




#18
Hexachloroethane
Concen: 17.977 ng
RT: 8.75 min Scan# 962
Delta R.T. 0.02 min
Lab File: BM019142.D
Acq: 13 Mar 2019 10:53

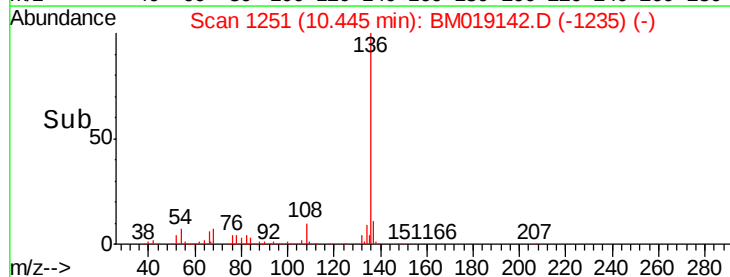
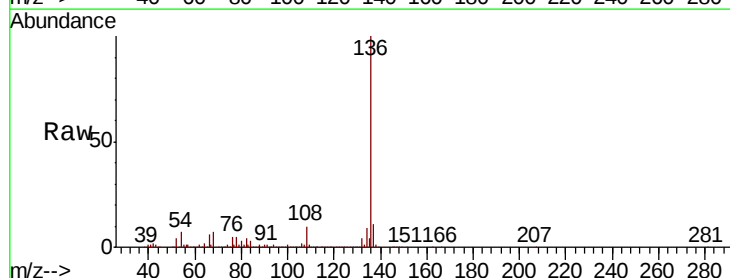
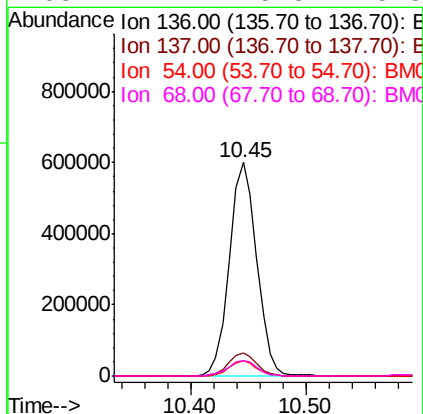
Instrument :
BNA_M
ClientSampled :

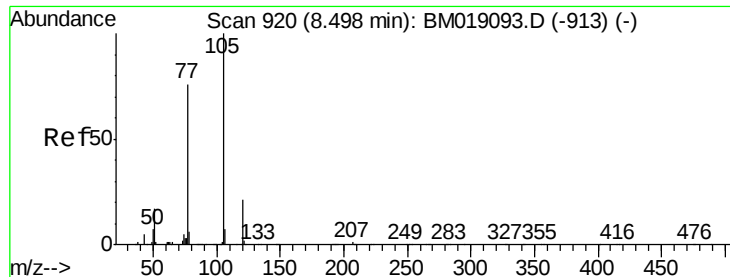
Tot Ion:117 Resp: 109990
Ion Ratio Lower Upper
117 100
119 521.9 77.4 116.2#
201 0.0 75.2 112.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BM019142.D
Acq: 13 Mar 2019 10:53

Tgt Ion:136 Resp: 985061
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.1 5.2 7.8
68 7.4 5.8 8.8





#22

Acetophenone

Concen: 9.162 ng

RT: 8.45 min Scan# 911

Delta R.T. -0.05 min

Lab File: BM019142.D

Acq: 13 Mar 2019 10:53

Instrument :

BNA_M

ClientSampled :

Tot Ion: 105 Resp: 249407

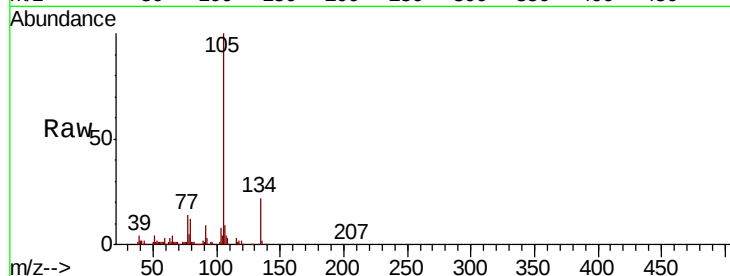
Ion Ratio Lower Upper

105 100

71 0.2 0.8 1.2#

51 3.6 15.8 23.6#

120 0.3 17.0 25.4#

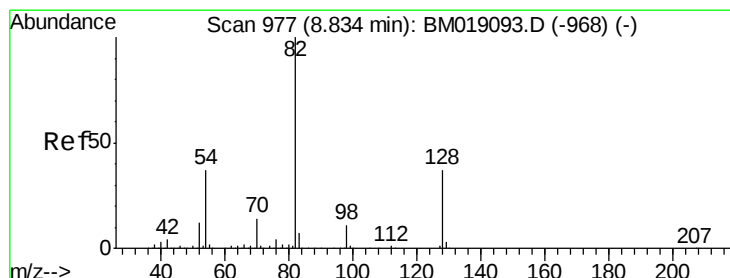
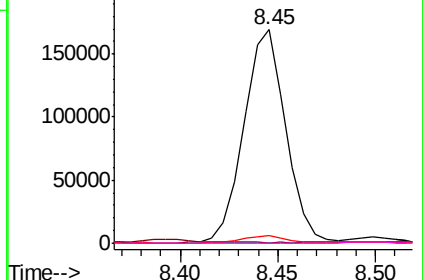
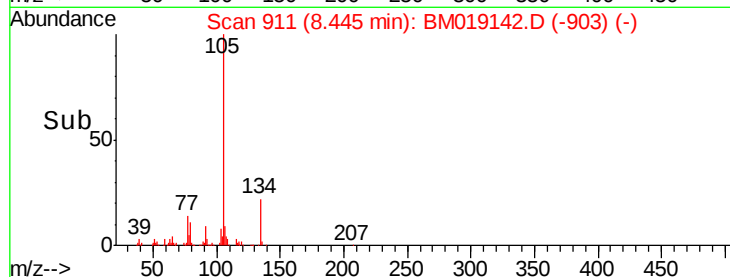


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 39.126 ng

RT: 8.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BM019142.D

Acq: 13 Mar 2019 10:53

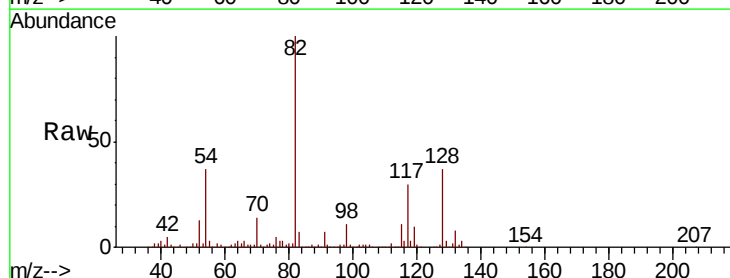
Tgt Ion: 82 Resp: 815348

Ion Ratio Lower Upper

82 100

128 37.4 29.4 44.2

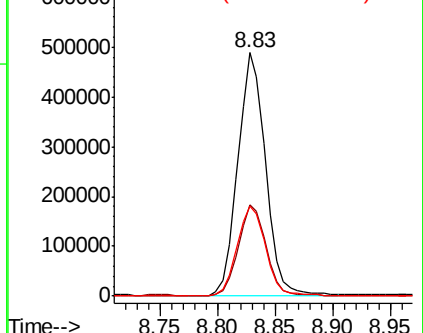
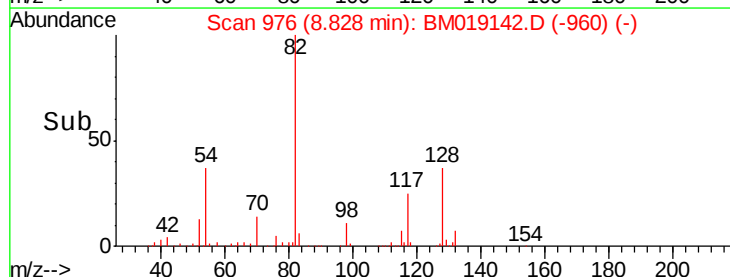
54 37.0 29.9 44.9

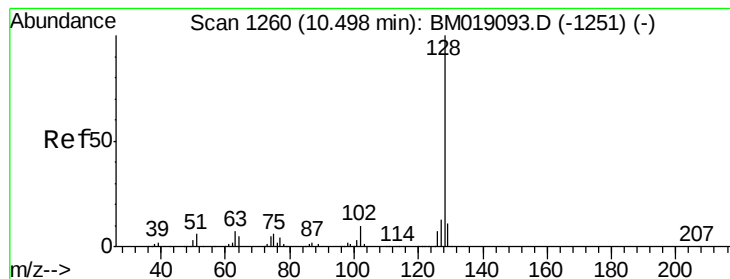


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#31

Naphthalene

Concen: 43.514 ng

RT: 10.50 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BM019142.D

Acq: 13 Mar 2019 10:53

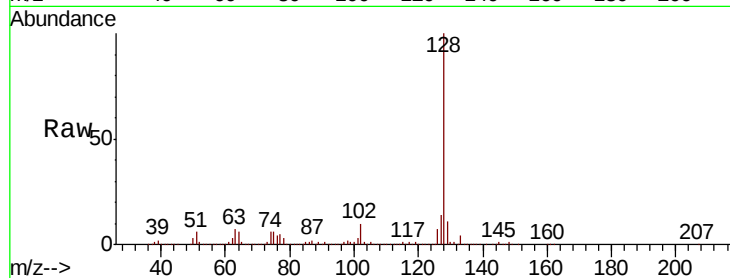
Instrument :

BNA_M

ClientSampleId :

Tot Ion:128 Resp: 2259253

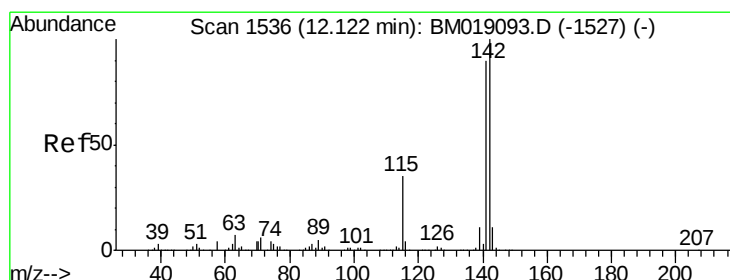
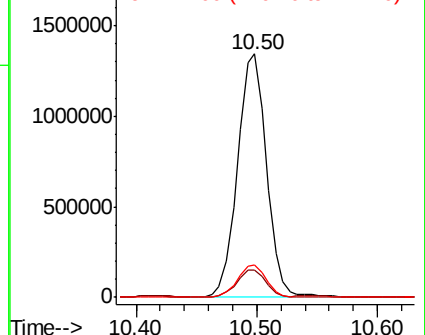
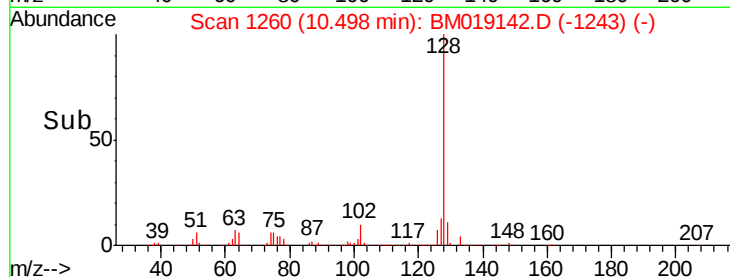
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.5	10.4	15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 28.193 ng

RT: 12.12 min Scan# 1535

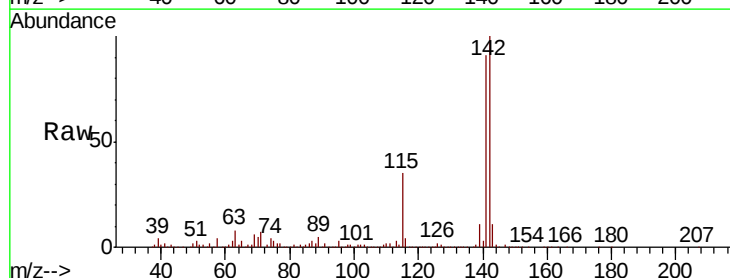
Delta R.T. -0.01 min

Lab File: BM019142.D

Acq: 13 Mar 2019 10:53

Tgt Ion:142 Resp: 1063708

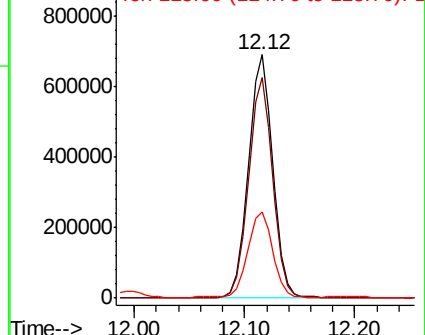
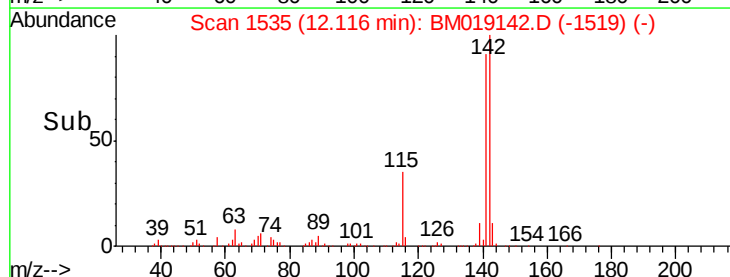
Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.3	108.5
115	35.3	27.8	41.8

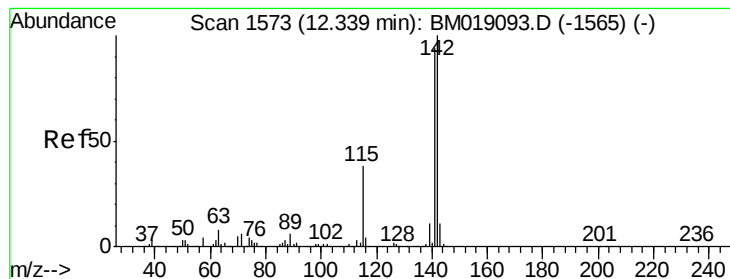


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

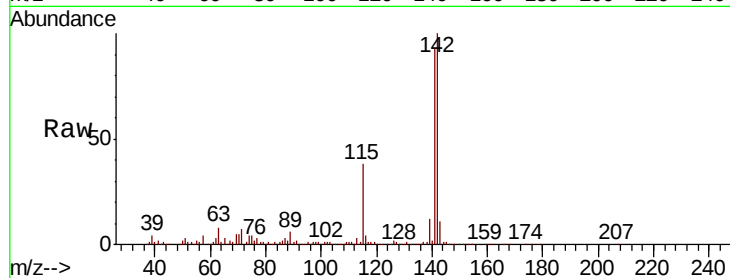




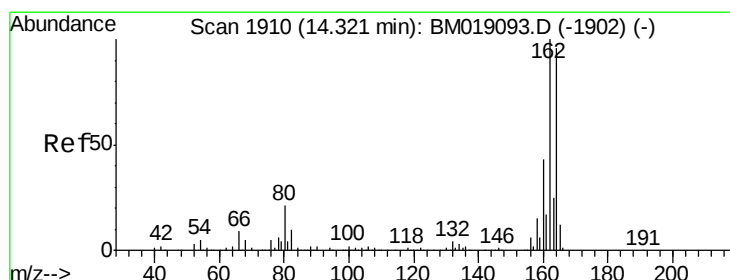
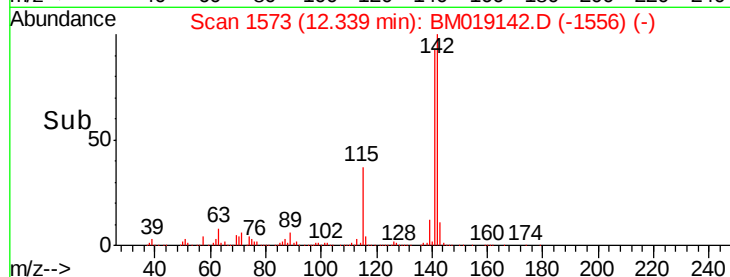
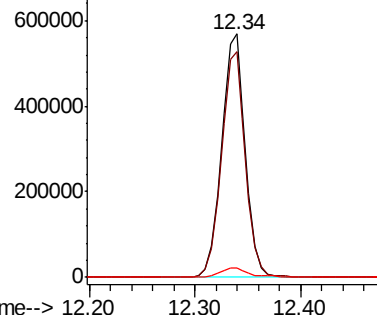
#38
1-Methylnaphthalene
Concen: 23.560 ng
RT: 12.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BM019142.D
Acq: 13 Mar 2019 10:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.9	112.3
116	4.0	3.2	4.8

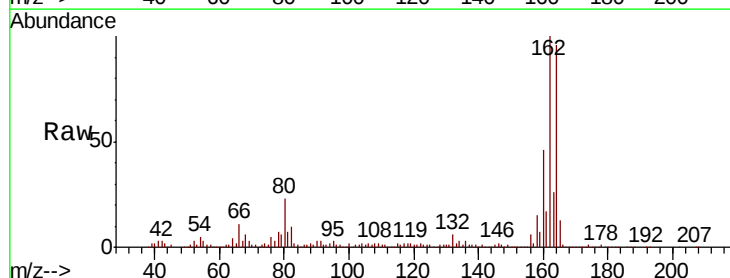


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

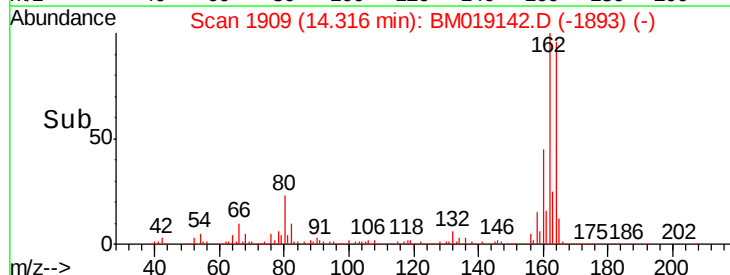
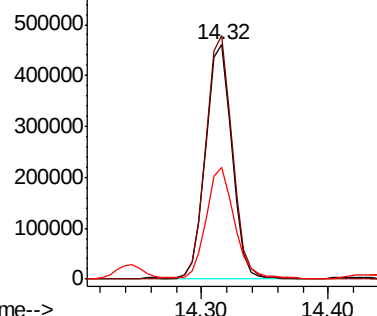


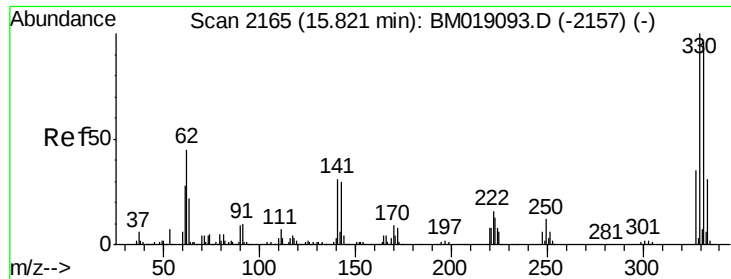
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BM019142.D
Acq: 13 Mar 2019 10:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.5	125.3
160	47.5	36.3	54.5



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

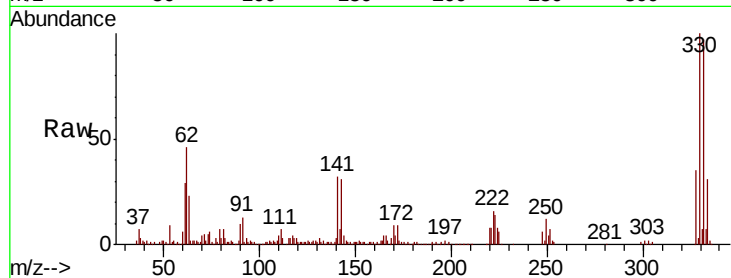




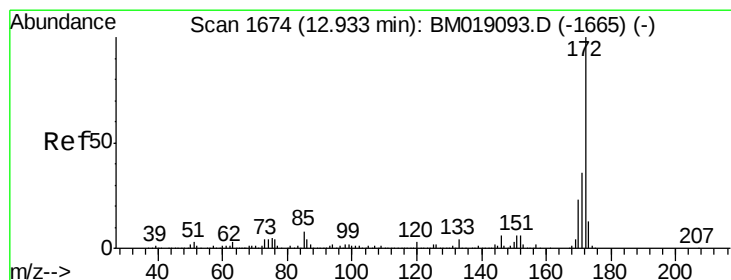
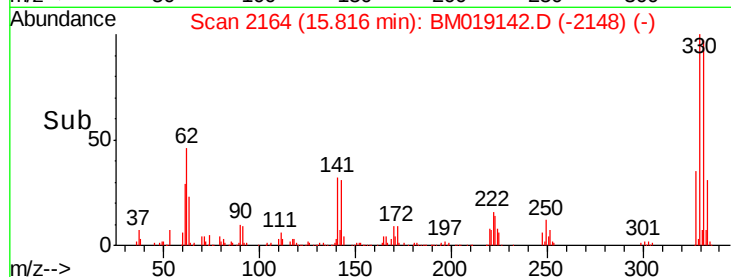
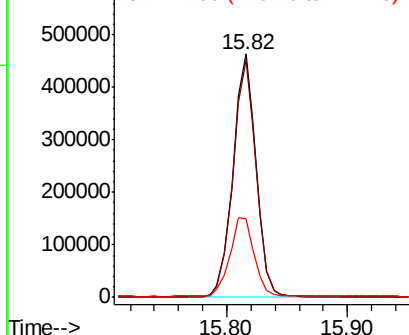
#42
 2,4,6-Tribromophenol
 Concen: 64.480 ng
 RT: 15.82 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BM019142.D
 Acq: 13 Mar 2019 10:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 618322
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.8 115.2
 141 35.1 27.0 40.4

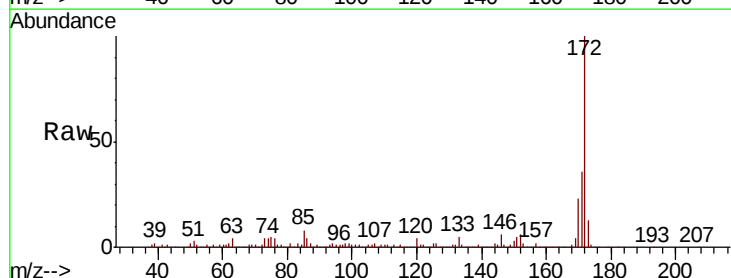


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

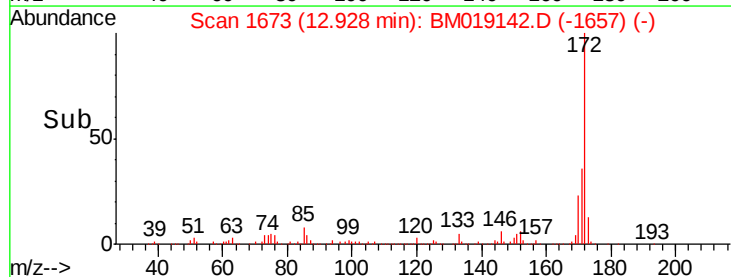
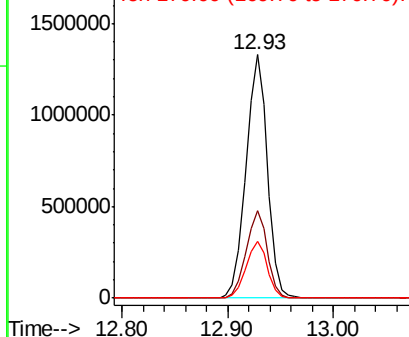


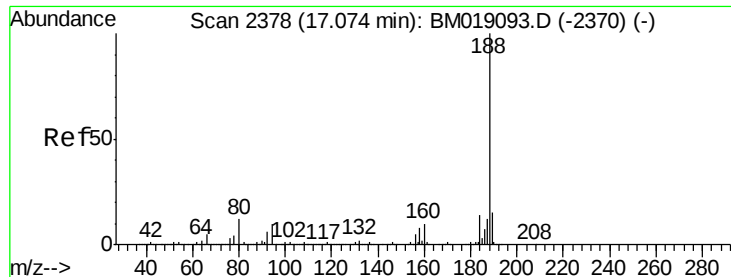
#45
 2-Fluorobiphenyl
 Concen: 37.337 ng
 RT: 12.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BM019142.D
 Acq: 13 Mar 2019 10:53

Tgt Ion:172 Resp: 1864276
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 42.8
 170 23.4 18.6 28.0



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2377

Delta R.T. -0.01 min

Lab File: BM019142.D

Acq: 13 Mar 2019 10:53

Instrument :

BNA_M

ClientSampled :

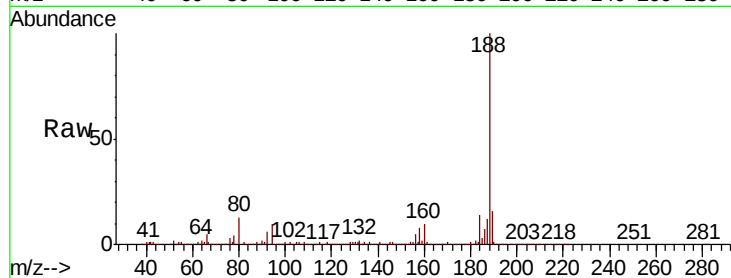
Tot Ion:188 Resp: 1493488

Ion Ratio Lower Upper

188 100

94 10.2 8.1 12.1

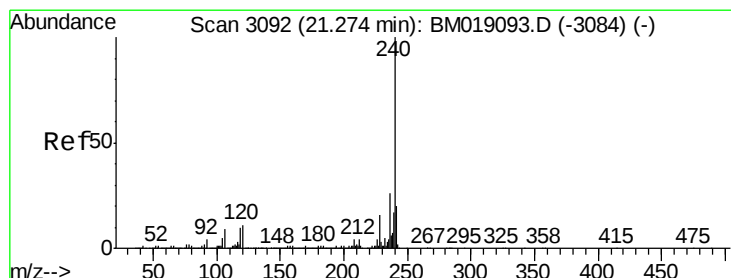
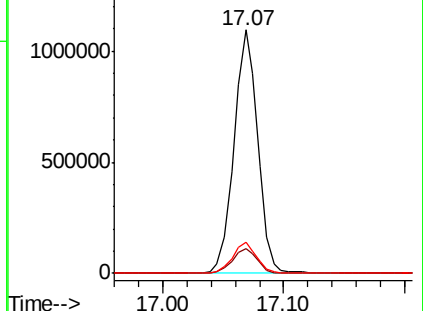
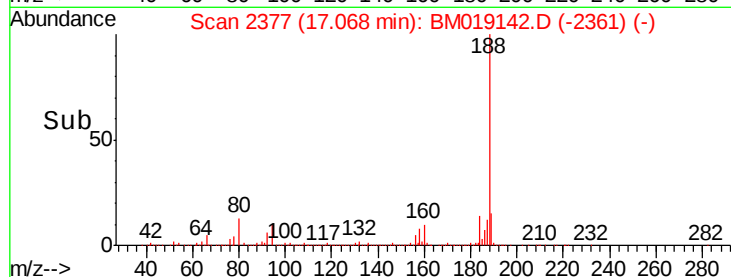
80 12.8 9.7 14.5



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: 21.27 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM019142.D

Acq: 13 Mar 2019 10:53

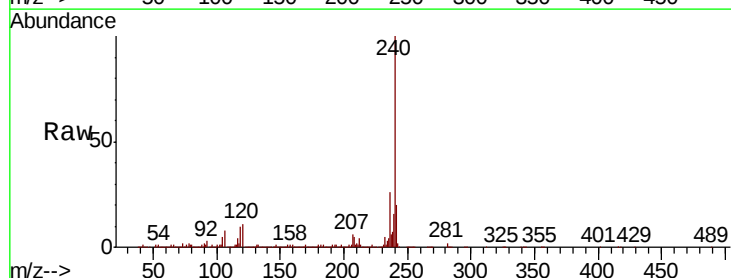
Tgt Ion:240 Resp: 1569954

Ion Ratio Lower Upper

240 100

120 10.9 8.9 13.3

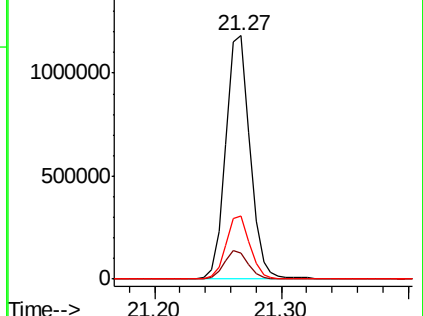
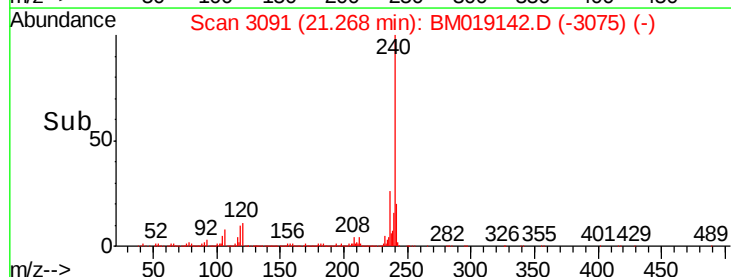
236 26.0 21.0 31.4

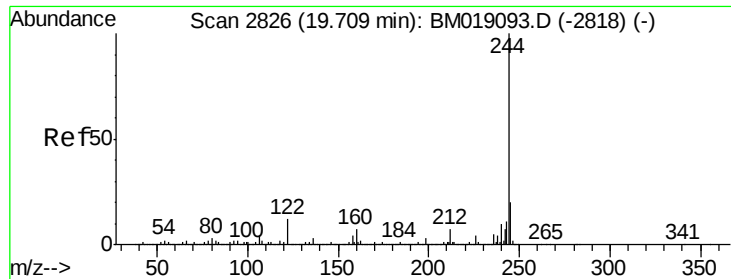


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 41.198 ng

RT: 19.70 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM019142.D

Acq: 13 Mar 2019 10:53

Instrument :

BNA_M

ClientSampleId :

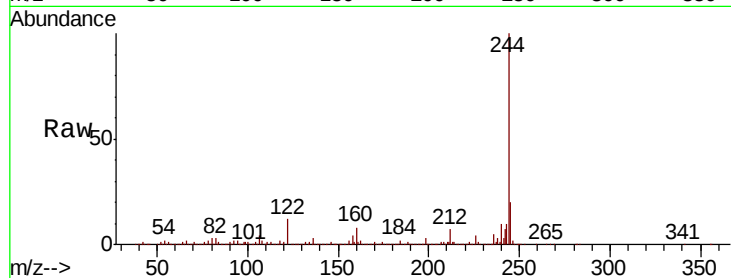
Tot Ion:244 Resp: 3258038

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

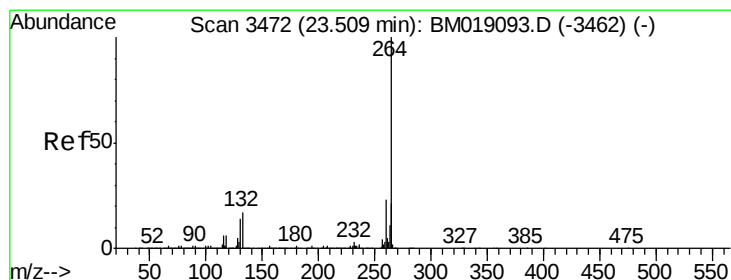
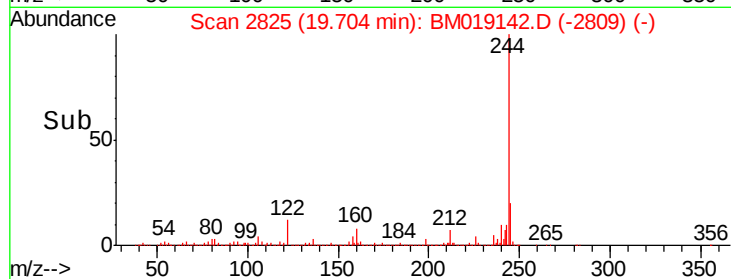
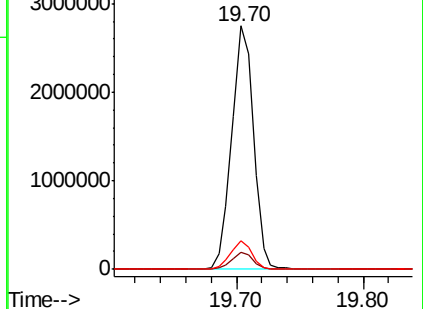
122 11.9 9.4 14.2



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: 23.50 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BM019142.D

Acq: 13 Mar 2019 10:53

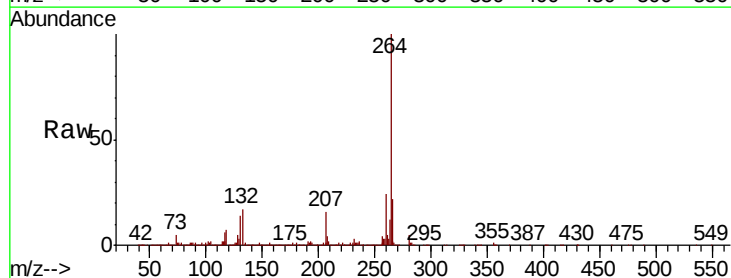
Tgt Ion:264 Resp: 1420778

Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 22.1 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

