

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
 Data File : BM019123.D
 Acq On : 12 Mar 2019 21:57
 Operator : JU/SJ
 Sample : K1842-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FB-030719

Quant Time: Mar 13 03:56:42 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	218864	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	905049	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	588298	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1386250	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1471134	20.00	ng	0.00
87) Perylene-d12	23.51	264	1412265	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	843754	62.43	ng	0.00
7) Phenol-d6	6.84	99	740144	37.44	ng	0.00
23) Nitrobenzene-d5	8.83	82	1803960	94.22	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1358994	156.46	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	4046485	89.47	ng	0.00
79) Terphenyl-d14	19.71	244	7565532	102.09	ng	0.00

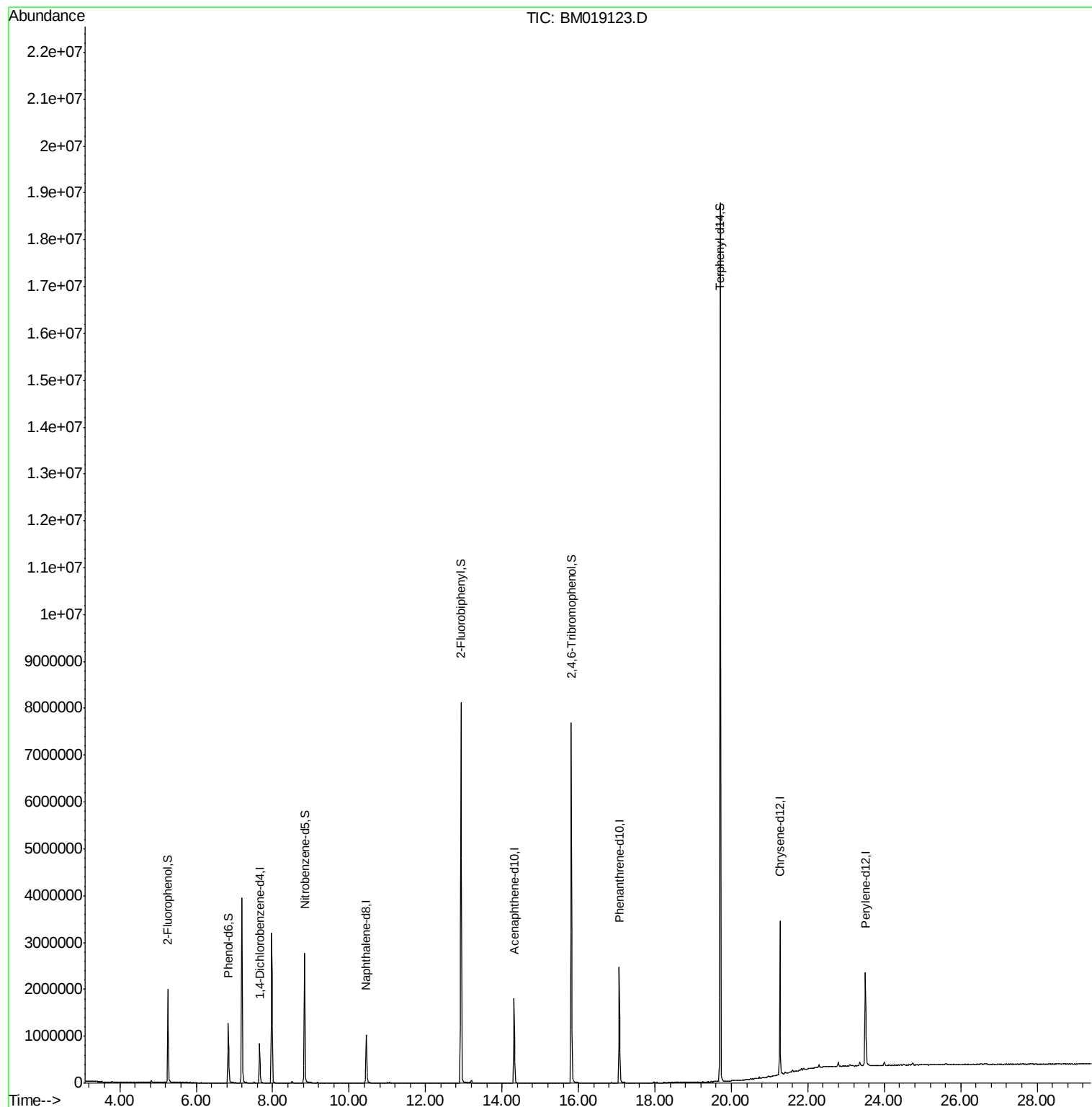
Target Compounds Qvalue

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

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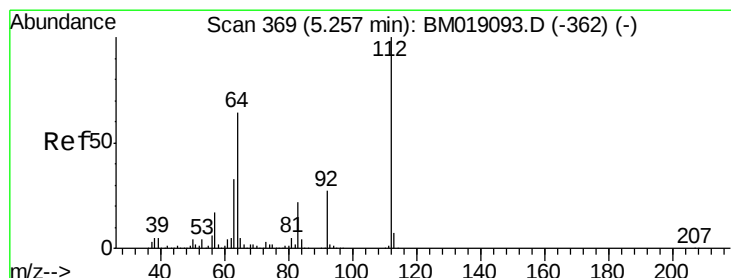
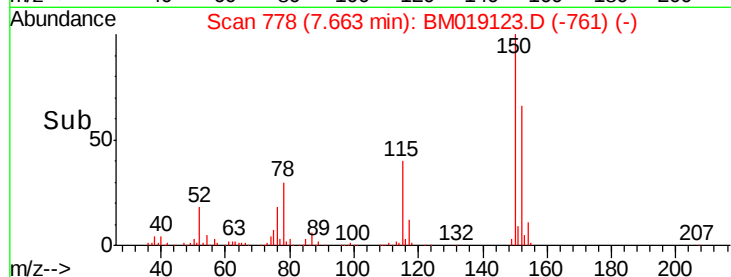
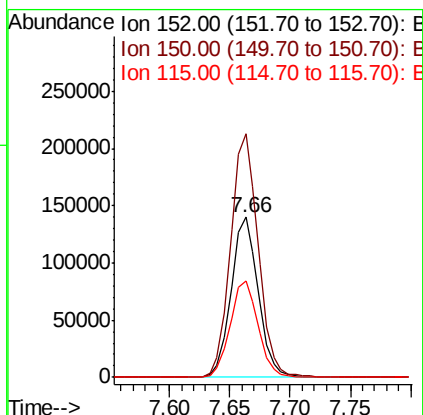
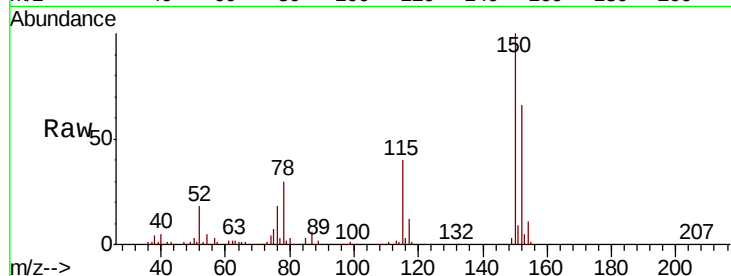


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BM019123.D
Acq: 12 Mar 2019 21:57

Instrument :
BNA_M
ClientSampled :
FB-030719

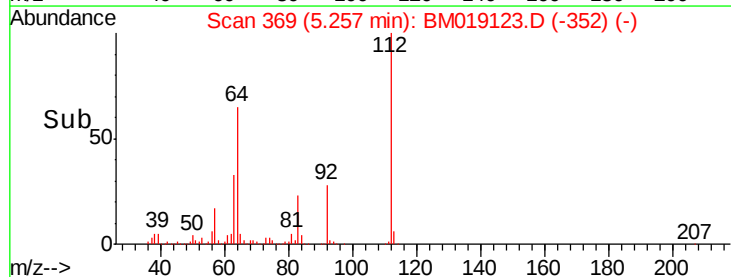
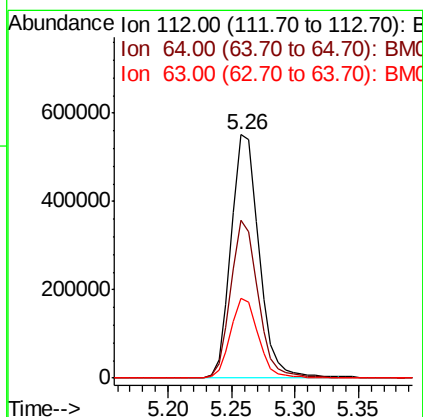
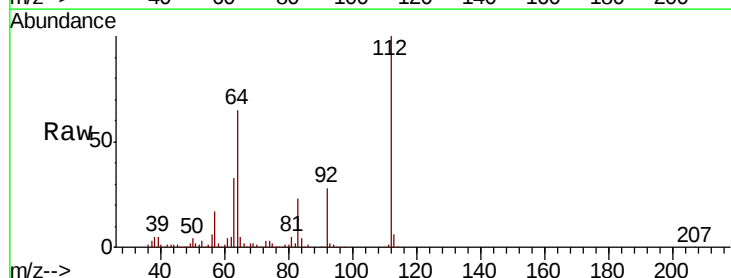
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	125.3	187.9
115	60.6	49.4	74.0

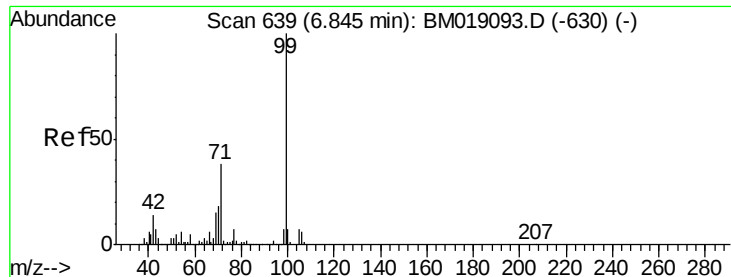


#5

2-Fluorophenol
Concen: 62.433 ng
RT: 5.26 min Scan# 369
Delta R.T. 0.00 min
Lab File: BM019123.D
Acq: 12 Mar 2019 21:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.9	51.4	77.0
63	32.8	26.6	40.0





#7

Phenol-d6

Concen: 37.442 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM019123.D

Acq: 12 Mar 2019 21:57

Instrument :

BNA_M

ClientSampleId :

FB-030719

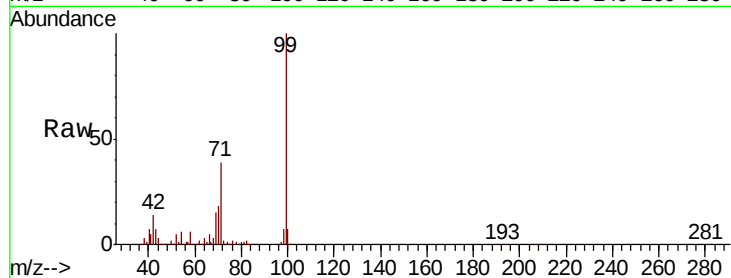
Tot Ion: 99 Resp: 740144

Ion Ratio Lower Upper

99 100

42 14.1 10.9 16.3

71 38.7 30.3 45.5

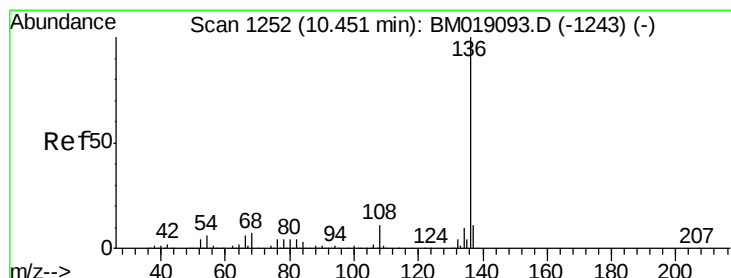
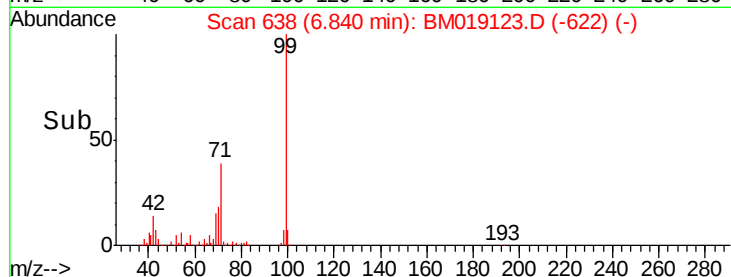
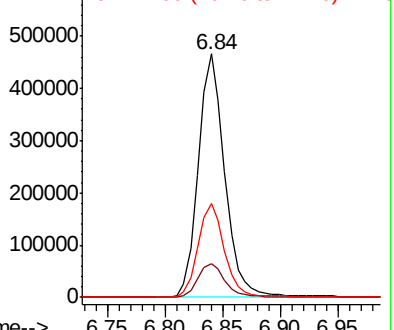


Abundance

Ion 99.00 (98.70 to 99.70): BM019123.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM019123.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM019123.D (-622) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM019123.D

Acq: 12 Mar 2019 21:57

Tgt Ion: 136 Resp: 905049

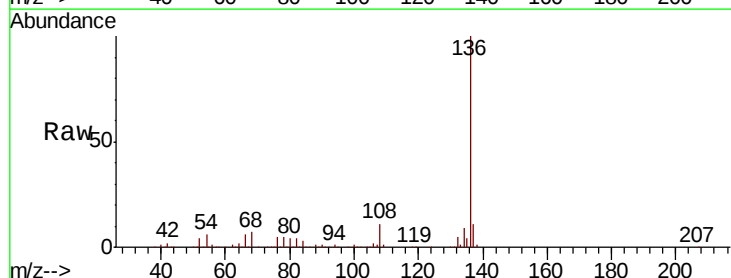
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 6.4 5.2 7.8

68 7.4 5.8 8.8



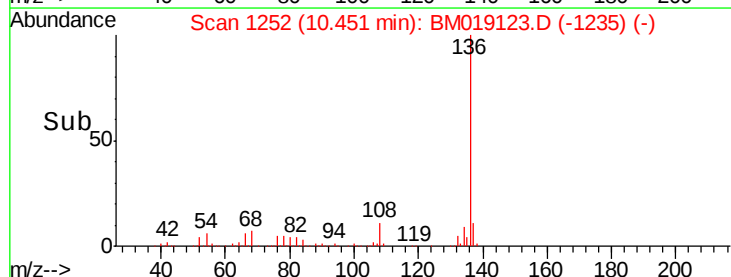
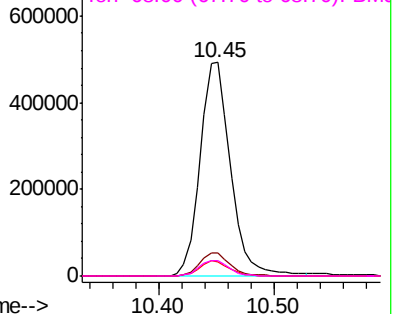
Abundance

Ion 136.00 (135.70 to 136.70): BM019123.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM019123.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM019123.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM019123.D (-1235) (-)

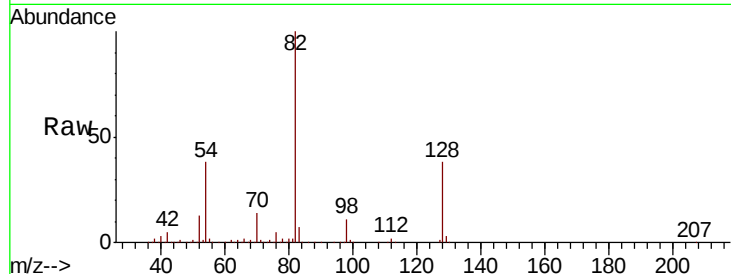




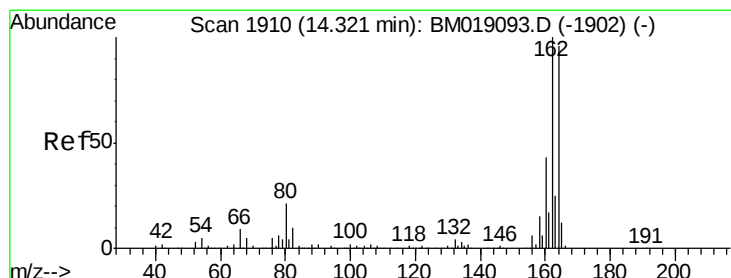
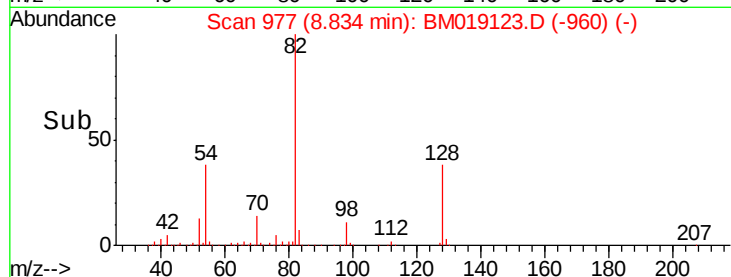
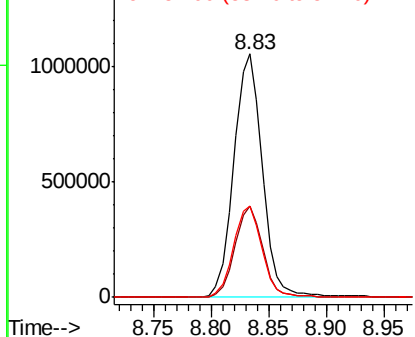
#23
Nitrobenzene-d5
Concen: 94.220 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM019123.D
Acq: 12 Mar 2019 21:57

Instrument :
BNA_M
ClientSampled :
FB-030719

Tot Ion: 82 Resp: 1803960
Ion Ratio Lower Upper
82 100
128 37.6 29.4 44.2
54 37.6 29.9 44.9

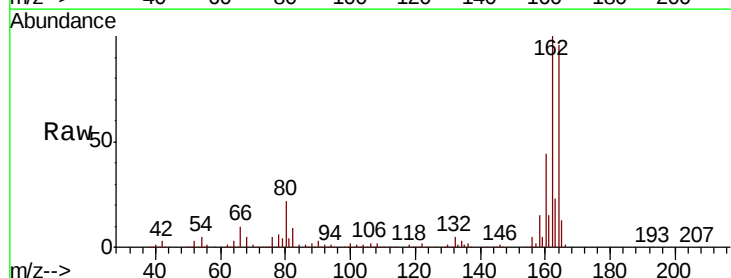


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM0

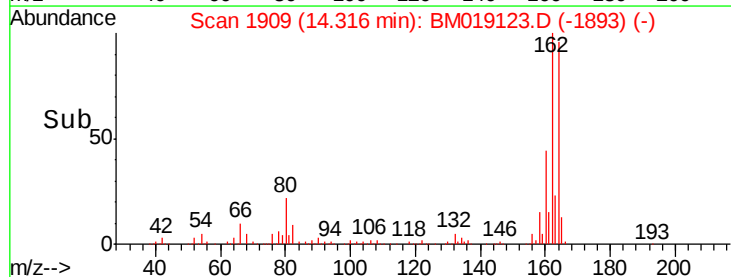
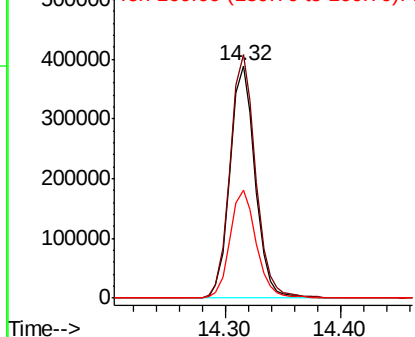


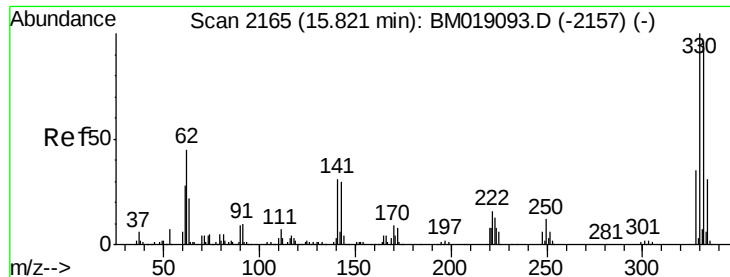
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BM019123.D
Acq: 12 Mar 2019 21:57

Tgt Ion:164 Resp: 588298
Ion Ratio Lower Upper
164 100
162 104.6 83.5 125.3
160 46.4 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

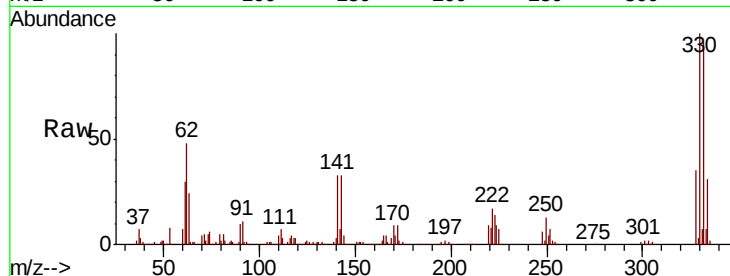




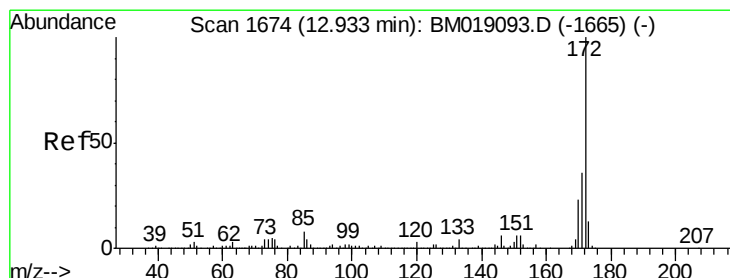
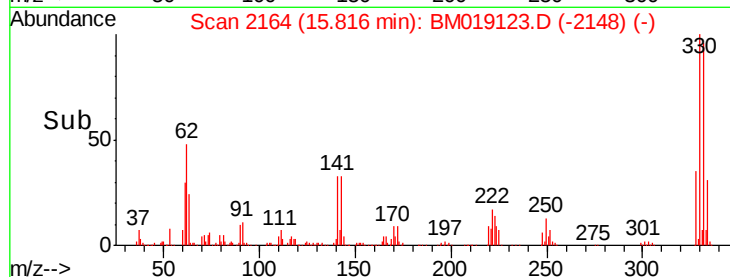
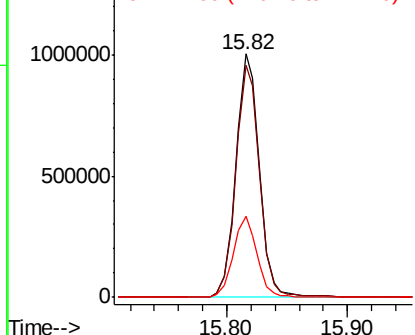
#42
 2,4,6-Tribromophenol
 Concen: 156.458 ng
 RT: 15.82 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BM019123.D
 Acq: 12 Mar 2019 21:57

Instrument :
 BNA_M
 ClientSampleId :
 FB-030719

Tot Ion:330 Resp: 1358994
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.8 115.2
 141 33.7 27.0 40.4

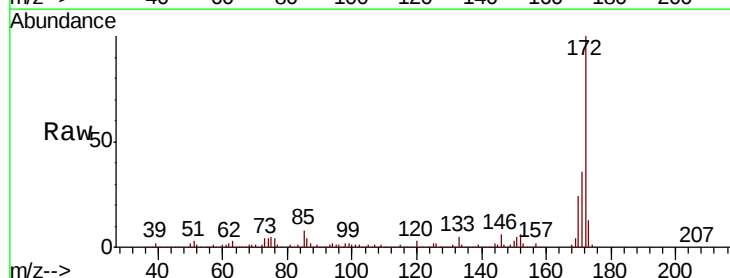


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

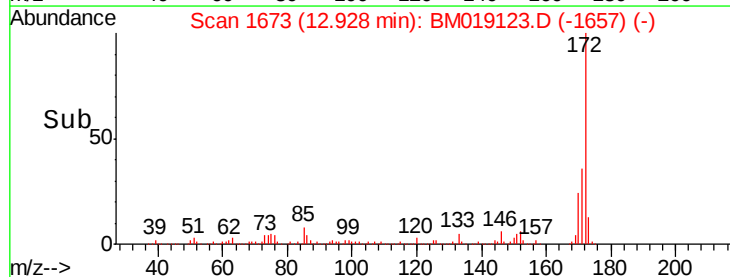
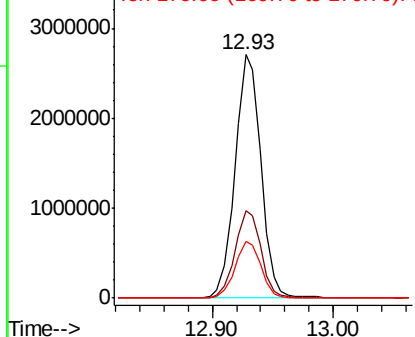


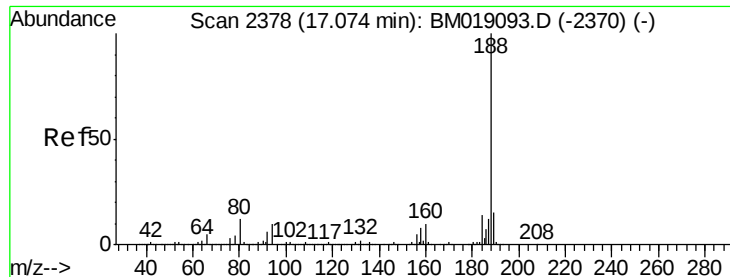
#45
 2-Fluorobiphenyl
 Concen: 89.470 ng
 RT: 12.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BM019123.D
 Acq: 12 Mar 2019 21:57

Tgt Ion:172 Resp: 4046485
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 42.8
 170 23.5 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

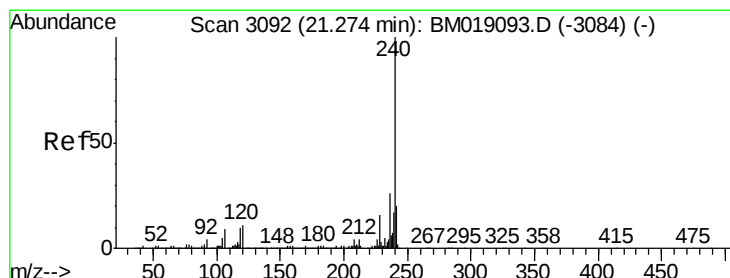
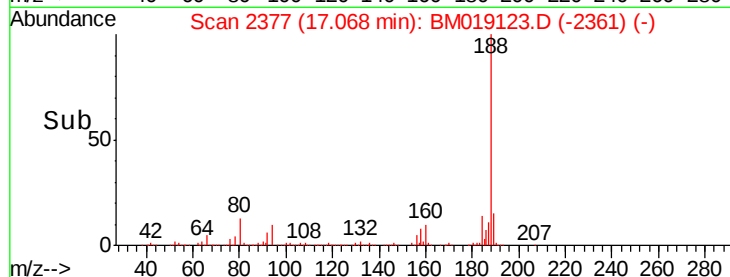
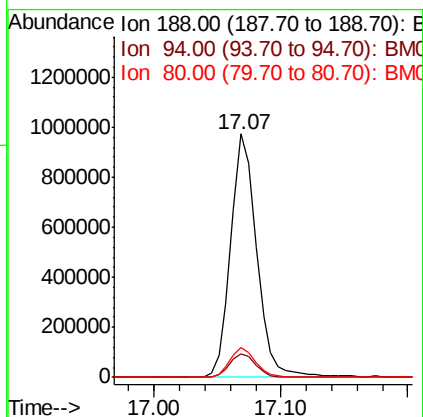
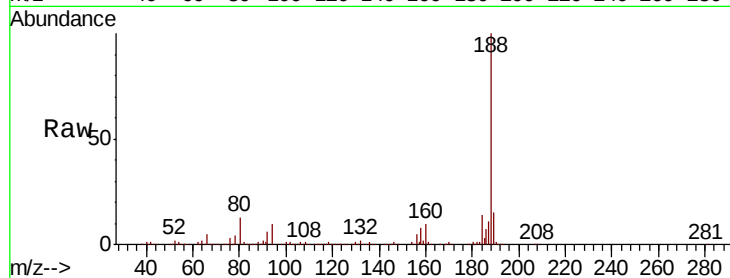




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2377
Delta R.T. -0.01 min
Lab File: BM019123.D
Acq: 12 Mar 2019 21:57

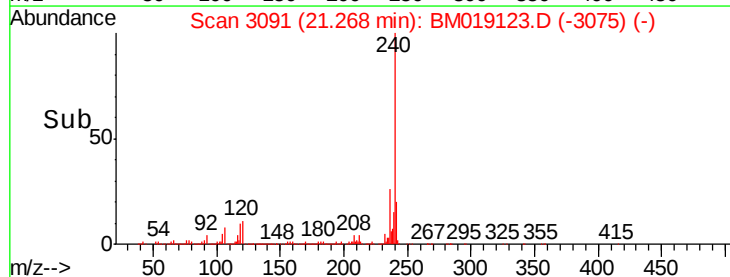
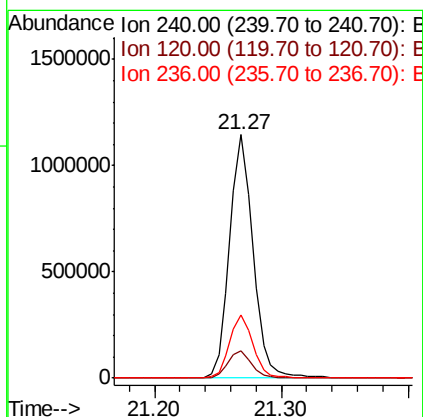
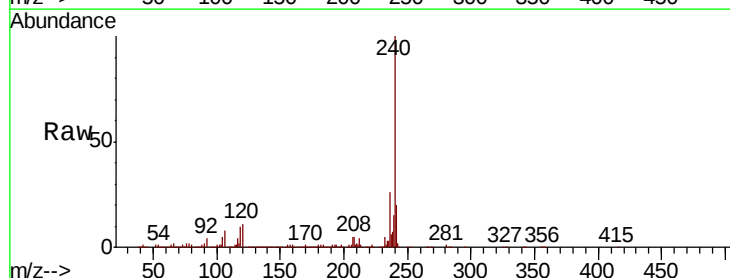
Instrument :
BNA_M
ClientSampleId :
FB-030719

Tot Ion:188 Resp: 1386250
Ion Ratio Lower Upper
188 100
94 9.8 8.1 12.1
80 12.5 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM019123.D
Acq: 12 Mar 2019 21:57

Tgt Ion:240 Resp: 1471134
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 26.0 21.0 31.4





#79

Terphenyl-d14

Concen: 102.093 ng

RT: 19.71 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM019123.D

Acq: 12 Mar 2019 21:57

Instrument :

BNA_M

ClientSampleId :

FB-030719

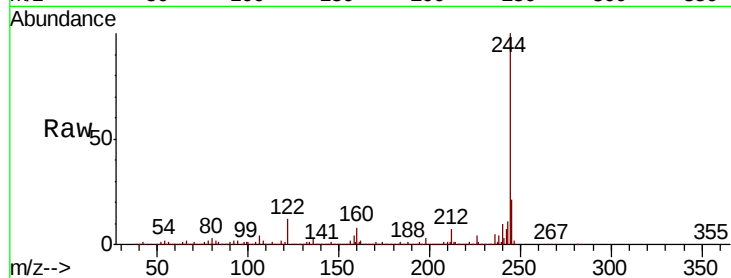
Tot Ion:244 Resp: 7565532

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

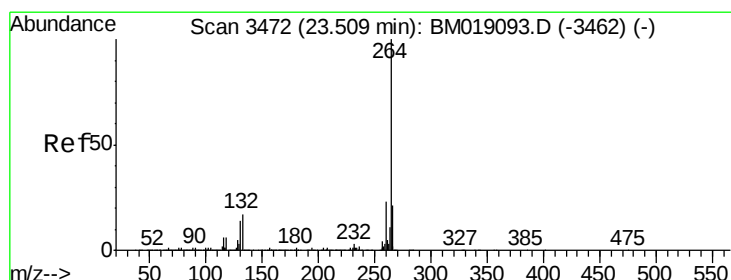
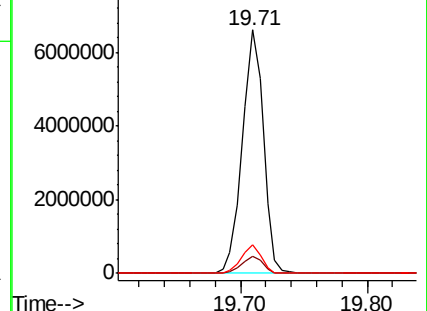
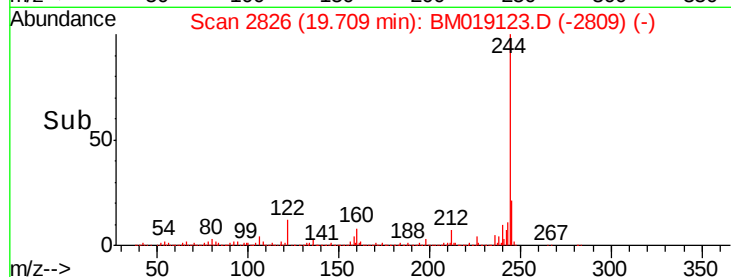
122 11.9 9.4 14.2



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: 23.51 min Scan# 3472

Delta R.T. 0.00 min

Lab File: BM019123.D

Acq: 12 Mar 2019 21:57

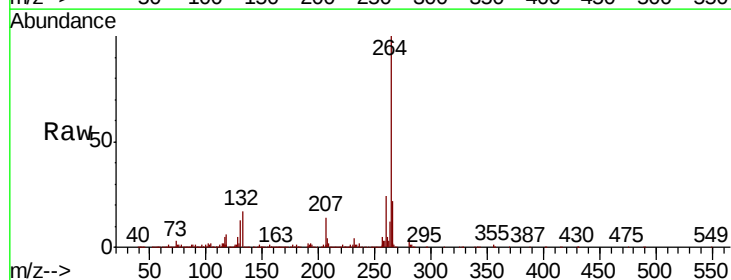
Tgt Ion:264 Resp: 1412265

Ion Ratio Lower Upper

264 100

260 24.0 18.6 28.0

265 21.8 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

