

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
 Data File : BM019159.D
 Acq On : 13 Mar 2019 23:09
 Operator : JU/SJ
 Sample : K1869-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-2

Quant Time: Mar 14 06:58:12 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

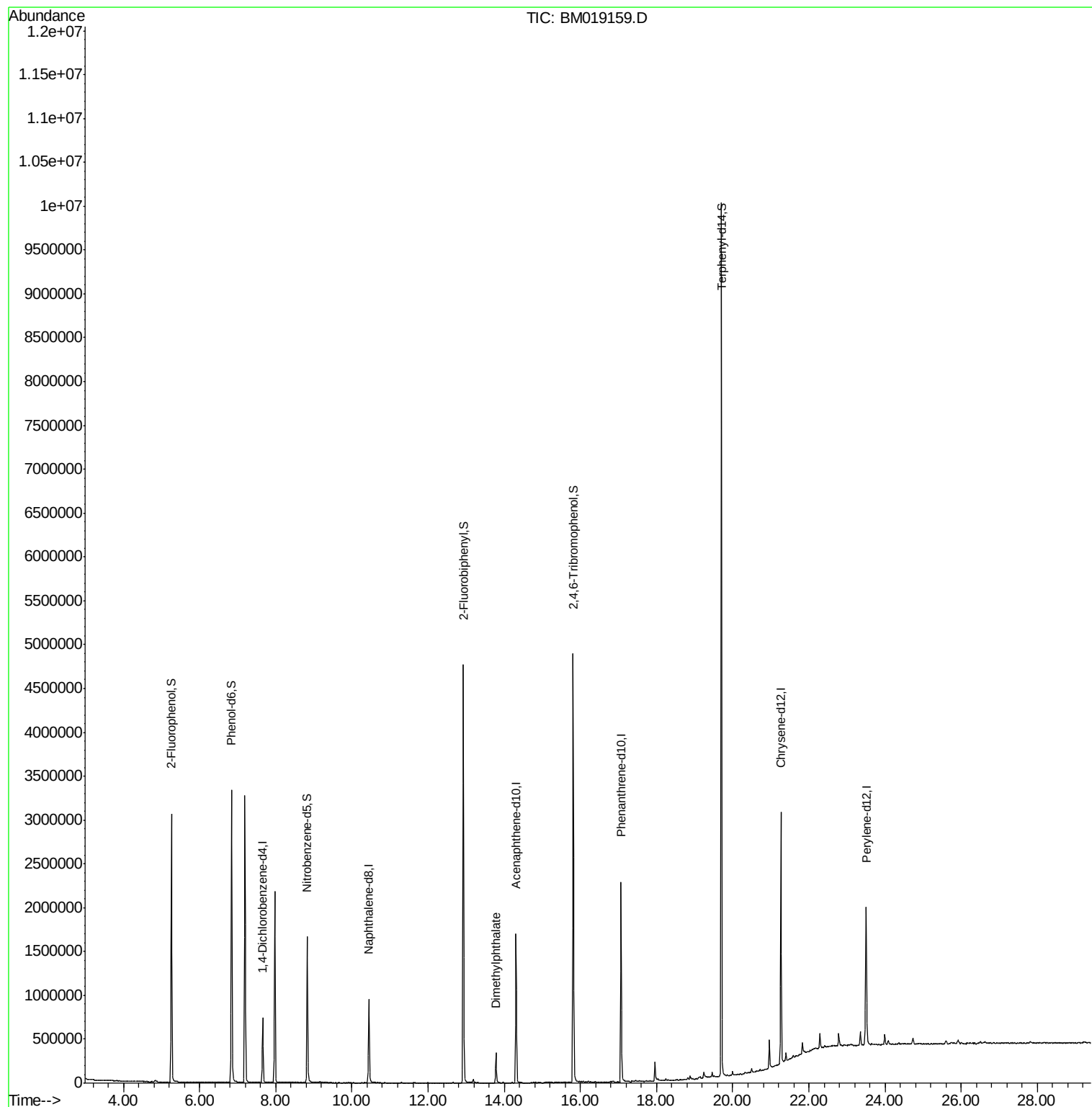
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	191673	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	811991	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	542895	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1298133	20.00	ng	0.00
76) Chrysene-d12	21.26	240	1278126	20.00	ng	-0.01
87) Perylene-d12	23.50	264	1122339	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1257689	106.26	ng	0.00
7) Phenol-d6	6.84	99	1868825	107.95	ng	0.00
23) Nitrobenzene-d5	8.83	82	1113900	64.85	ng	0.00
42) 2,4,6-Tribromophenol	15.81	330	884642	110.36	ng	-0.01
45) 2-Fluorobiphenyl	12.93	172	2460260	58.95	ng	0.00
79) Terphenyl-d14	19.70	244	4225426	65.63	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.78	163	233461	5.027	ng	Qvalue 99

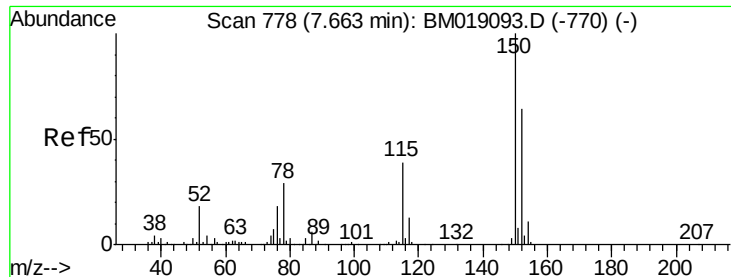
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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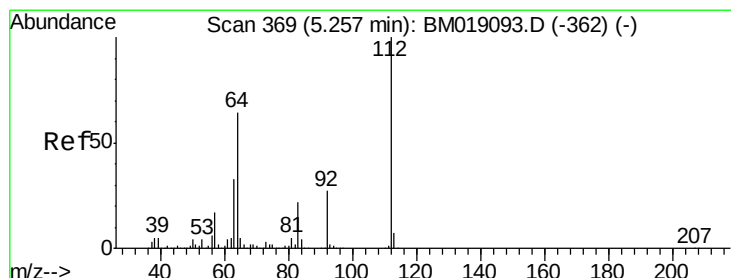
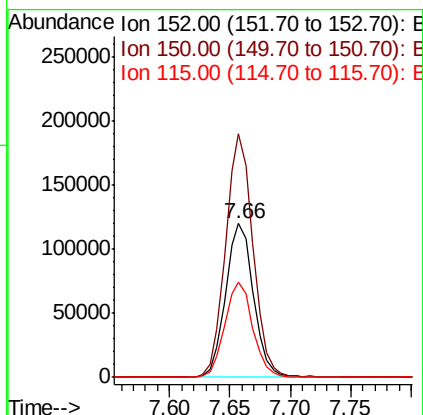
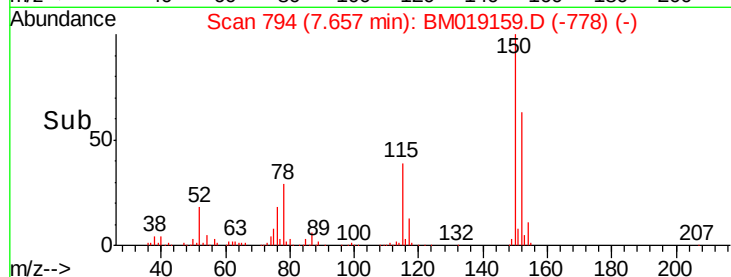
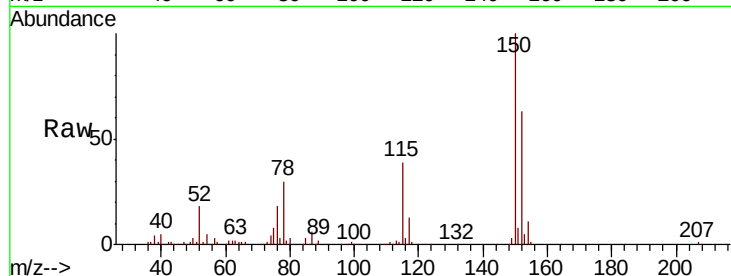


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM019159.D
Acq: 13 Mar 2019 23:09

Instrument :
BNA_M
ClientSampleId :
SP-2

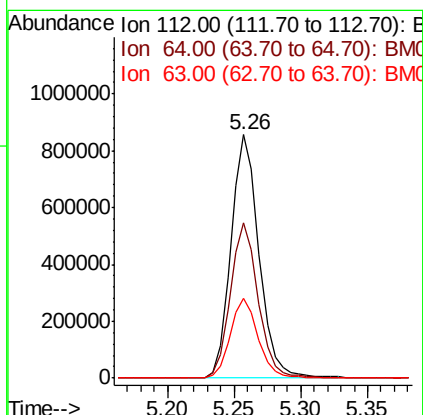
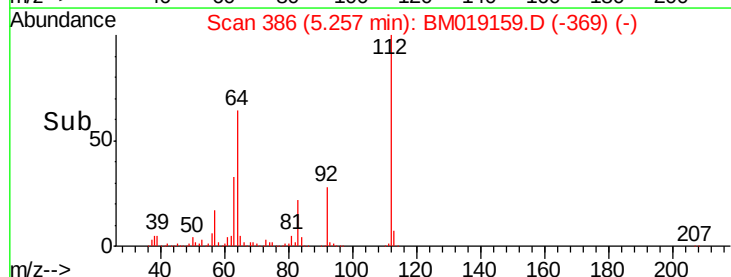
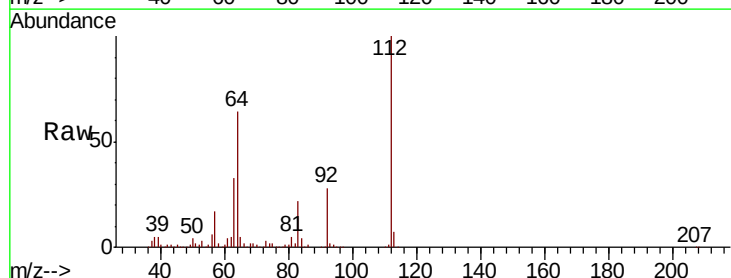
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	125.3	187.9
115	62.0	49.4	74.0

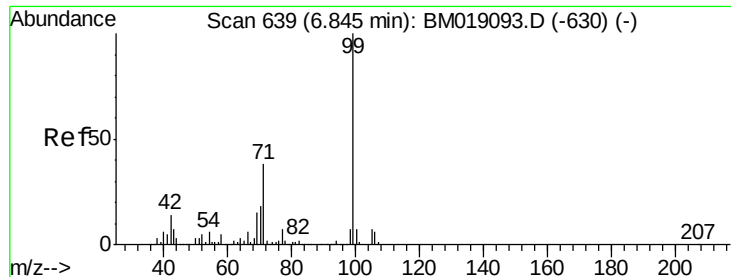


#5

2-Fluorophenol
Concen: 106.264 ng
RT: 5.26 min Scan# 386
Delta R.T. -0.00 min
Lab File: BM019159.D
Acq: 13 Mar 2019 23:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	51.4	77.0
63	32.8	26.6	40.0





#7

Phenol-d6

Concen: 107.951 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM019159.D

Acq: 13 Mar 2019 23:09

Instrument :

BNA_M

ClientSampleId :

SP-2

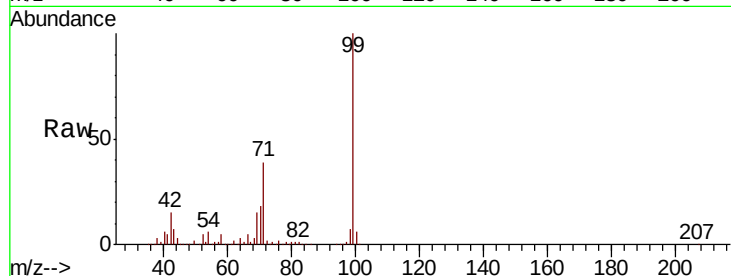
Tot Ion: 99 Resp: 1868825

Ion Ratio Lower Upper

99 100

42 14.5 10.9 16.3

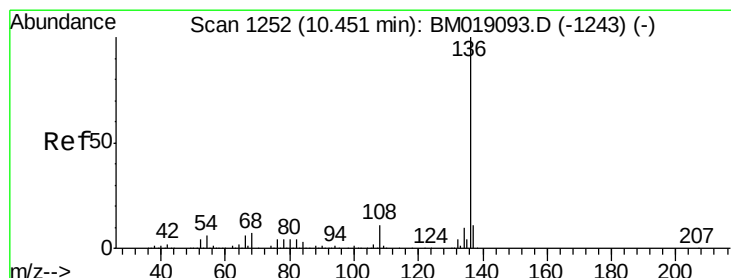
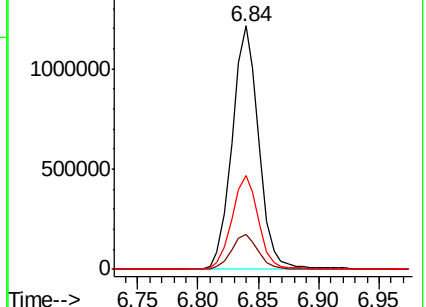
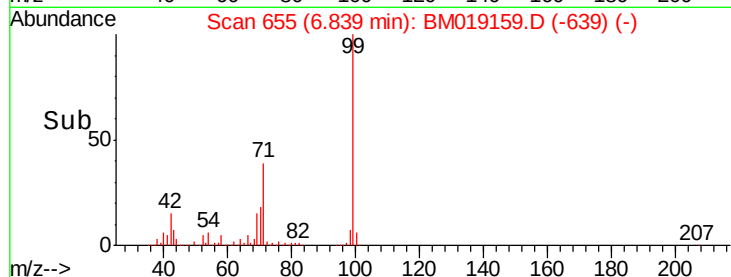
71 38.7 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019159.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM019159.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM019159.D (-639) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM019159.D

Acq: 13 Mar 2019 23:09

Tgt Ion: 136 Resp: 811991

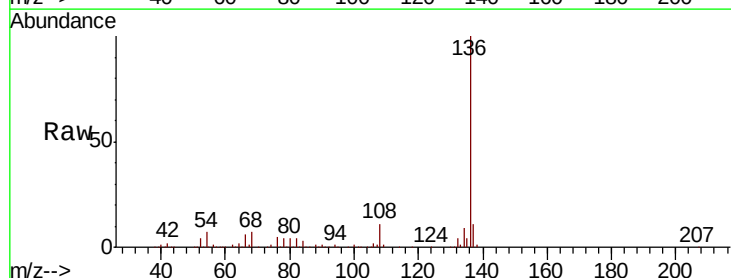
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 6.6 5.2 7.8

68 7.1 5.8 8.8

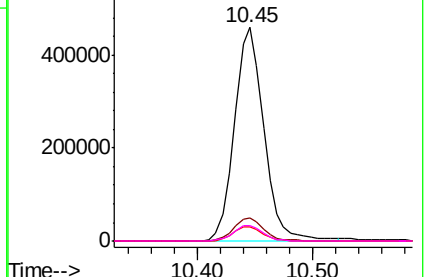
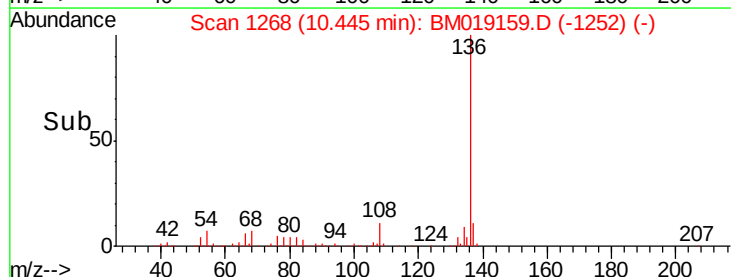


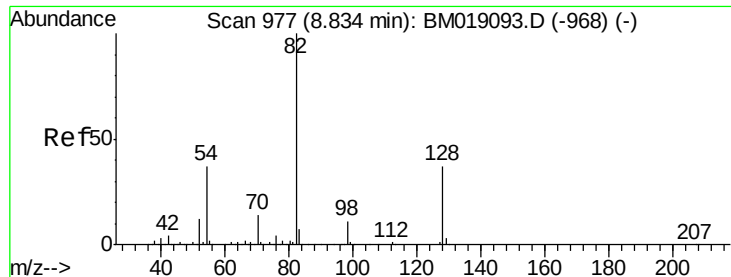
Abundance Ion 136.00 (135.70 to 136.70): BM019159.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM019159.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM019159.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM019159.D (-1252) (-)

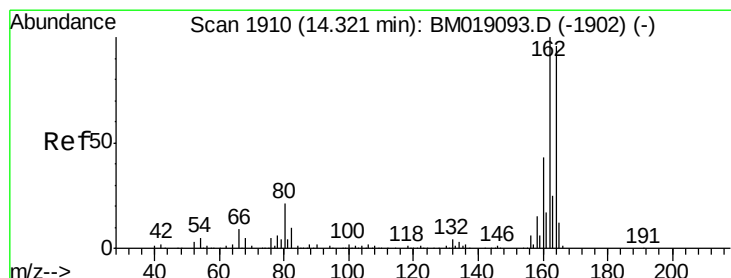
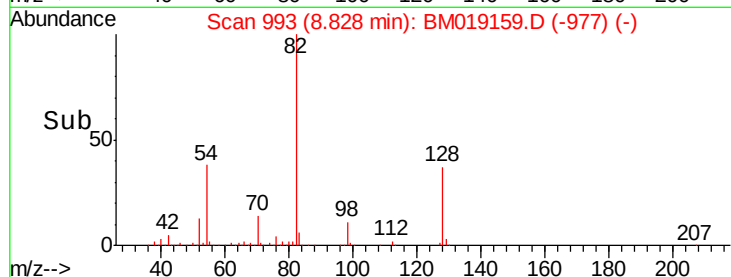
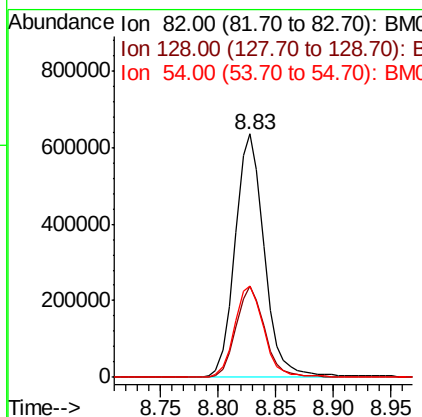
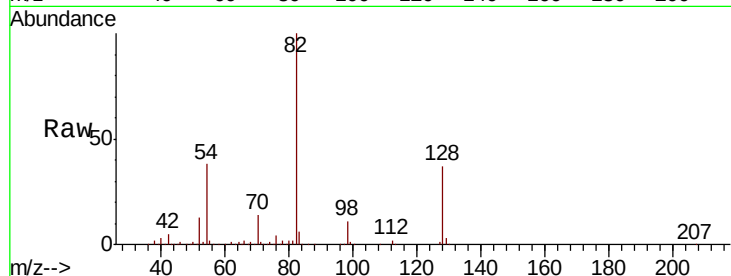




#23
Nitrobenzene-d5
Concen: 64.846 ng
RT: 8.83 min Scan# 993
Delta R.T. -0.01 min
Lab File: BM019159.D
Acq: 13 Mar 2019 23:09

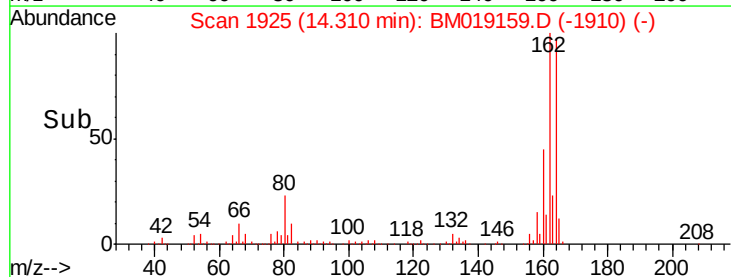
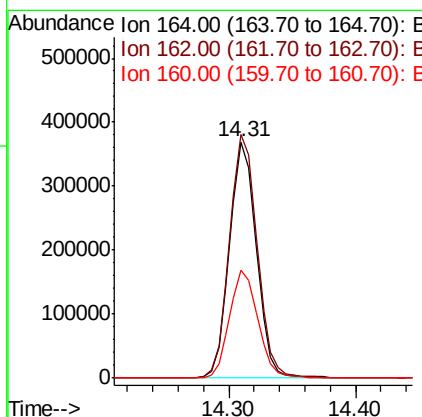
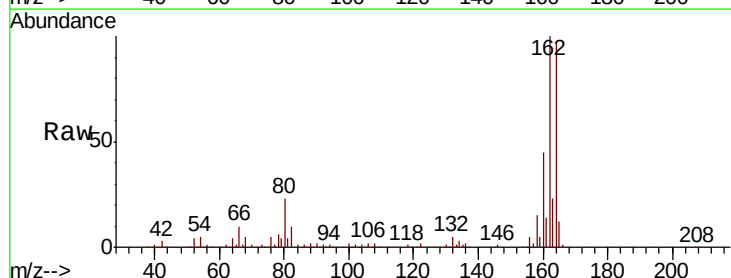
Instrument :
BNA_M
ClientSampleId :
SP-2

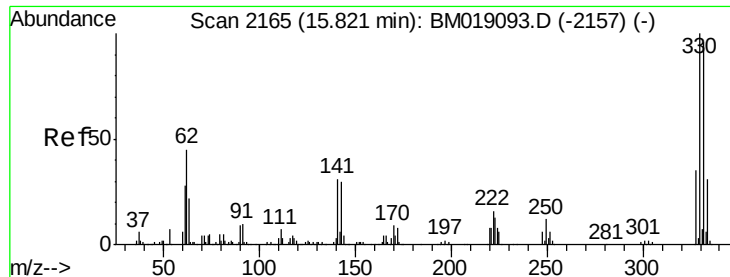
Tot Ion: 82 Resp: 1113900
Ion Ratio Lower Upper
82 100
128 37.3 29.4 44.2
54 37.5 29.9 44.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM019159.D
Acq: 13 Mar 2019 23:09

Tgt Ion:164 Resp: 542895
Ion Ratio Lower Upper
164 100
162 103.0 83.5 125.3
160 45.9 36.3 54.5

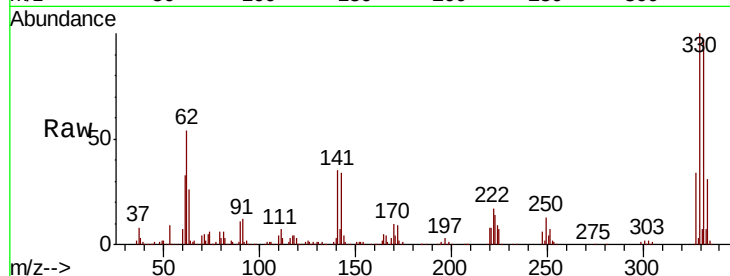




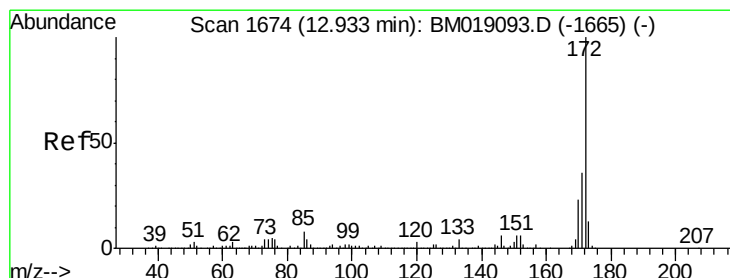
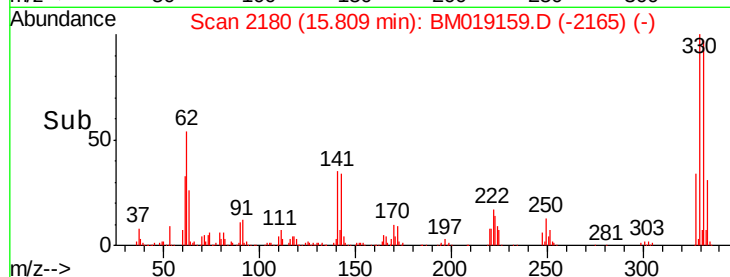
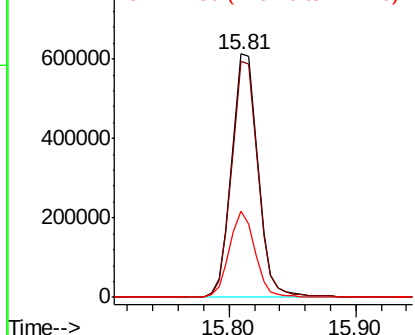
#42
 2,4,6-Tribromophenol
 Concen: 110.364 ng
 RT: 15.81 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BM019159.D
 Acq: 13 Mar 2019 23:09

Instrument :
 BNA_M
 ClientSampled :
 SP-2

Tot Ion:330 Resp: 884642
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.8 115.2
 141 34.5 27.0 40.4

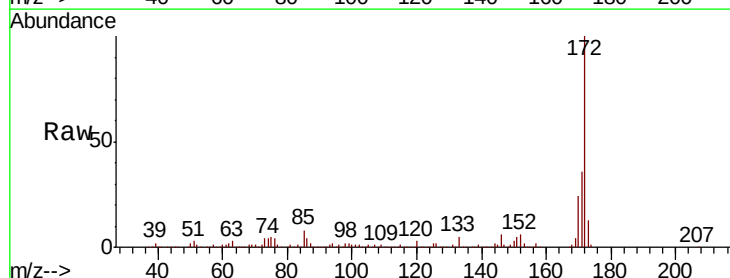


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

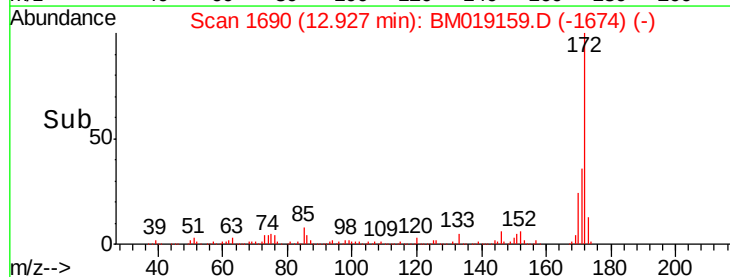
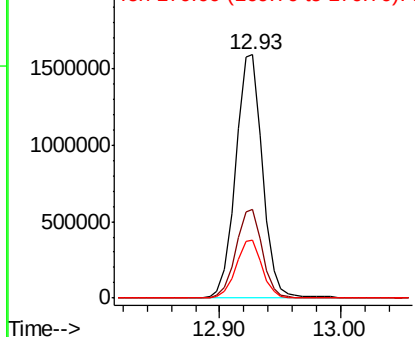


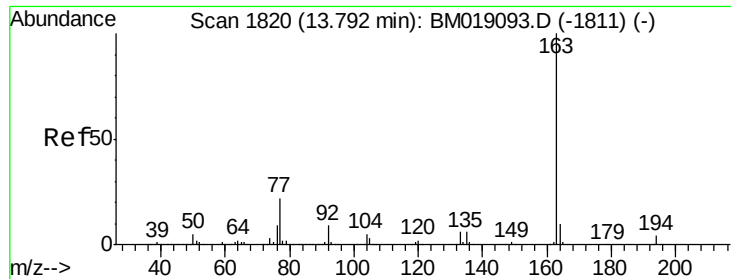
#45
 2-Fluorobiphenyl
 Concen: 58.947 ng
 RT: 12.93 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BM019159.D
 Acq: 13 Mar 2019 23:09

Tgt Ion:172 Resp: 2460260
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 42.8
 170 23.7 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





#50

Dimethylphthalate

Concen: 5.027 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM019159.D

Acq: 13 Mar 2019 23:09

Instrument :

BNA_M

ClientSampleId :

SP-2

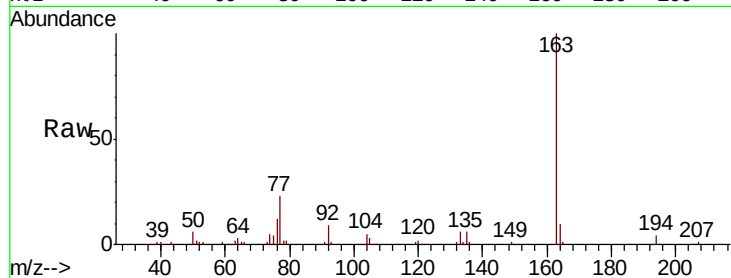
Tot Ion:163 Resp: 233461

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

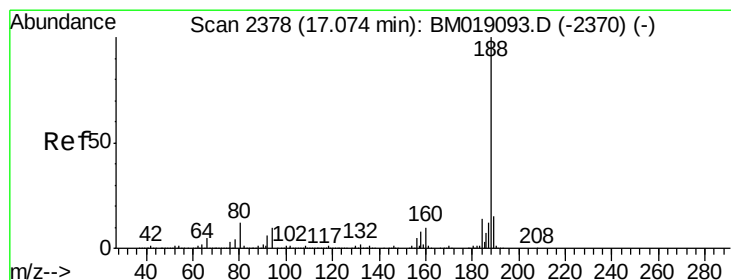
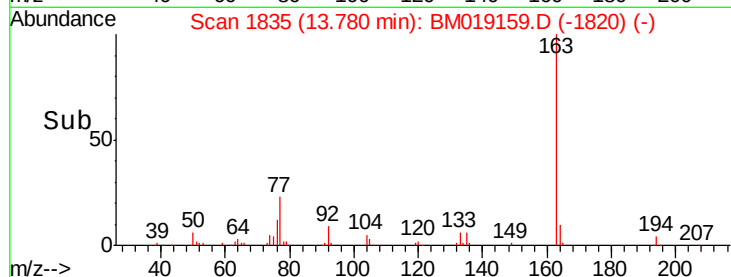
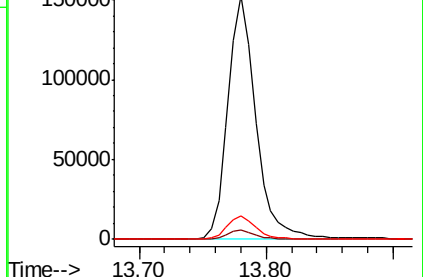
164 9.9 7.7 11.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BM019159.D

Acq: 13 Mar 2019 23:09

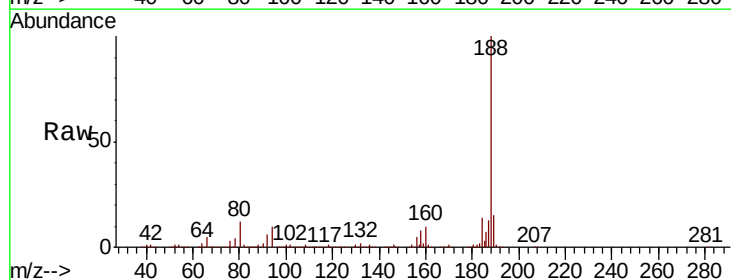
Tgt Ion:188 Resp: 1298133

Ion Ratio Lower Upper

188 100

94 10.0 8.1 12.1

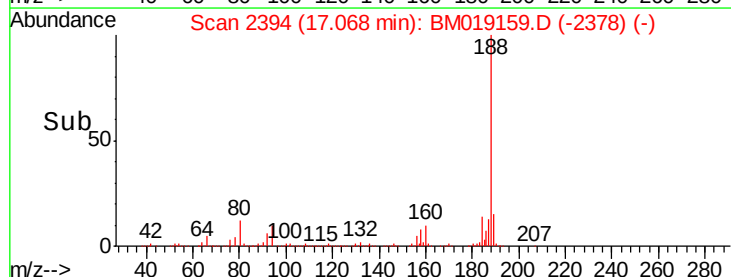
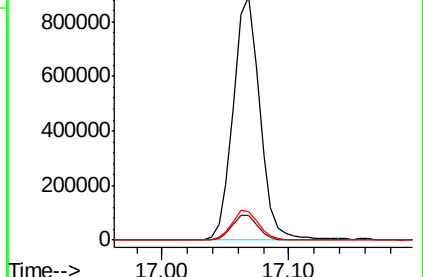
80 11.7 9.7 14.5

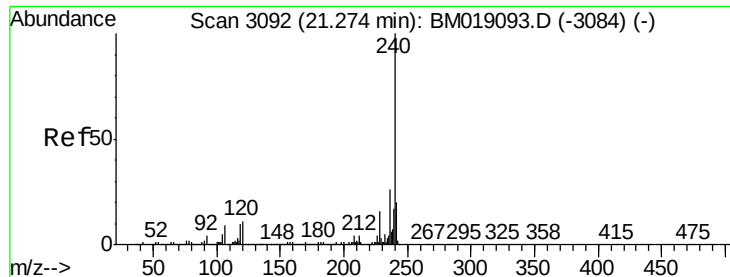


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

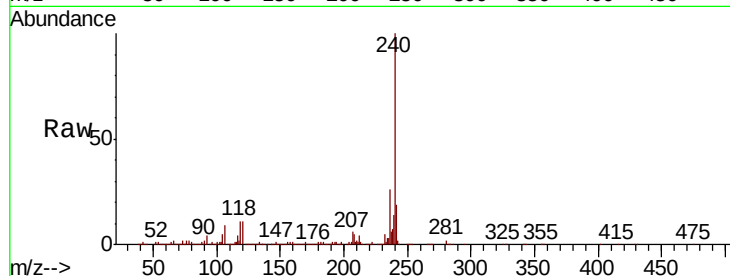




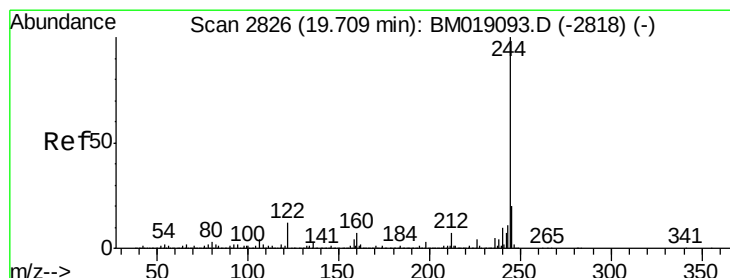
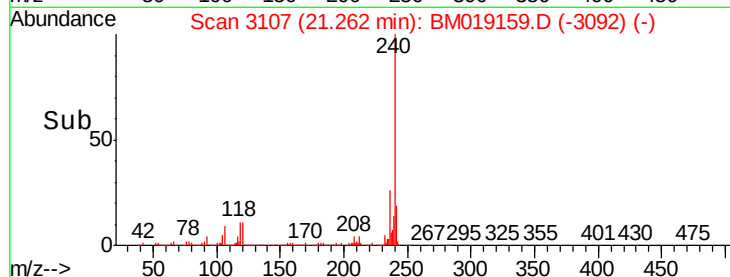
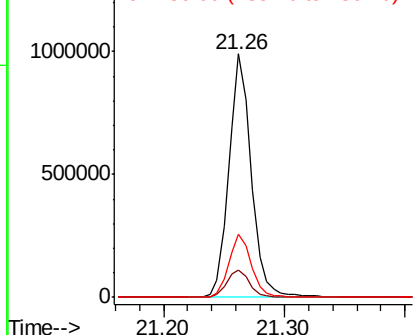
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM019159.D
Acq: 13 Mar 2019 23:09

Instrument :
BNA_M
ClientSampled :
SP-2

Tot Ion:240 Resp: 1278126
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 25.9 21.0 31.4

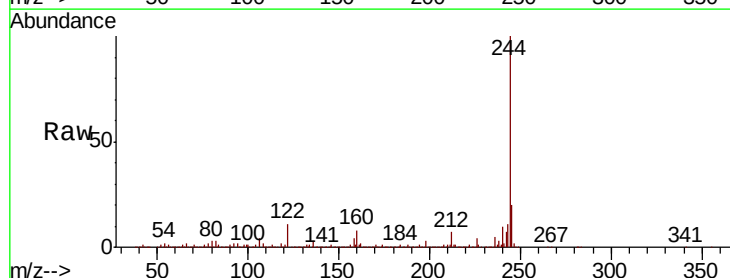


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

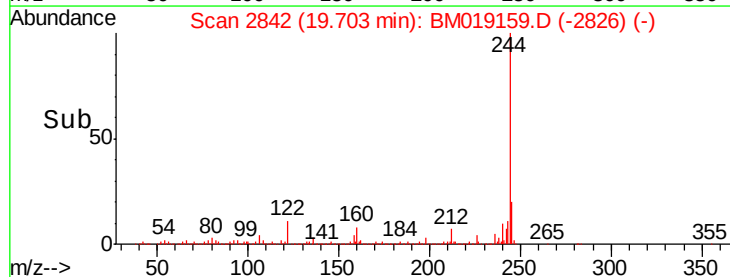
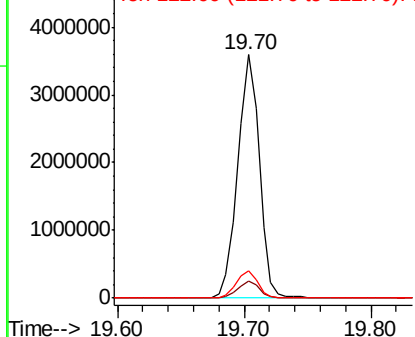


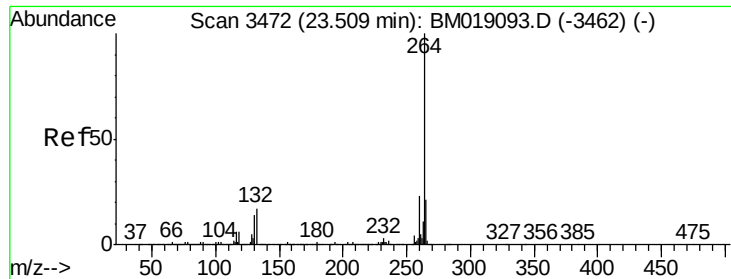
#79
Terphenyl-d14
Concen: 65.630 ng
RT: 19.70 min Scan# 2842
Delta R.T. -0.01 min
Lab File: BM019159.D
Acq: 13 Mar 2019 23:09

Tgt Ion:244 Resp: 4225426
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 11.1 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
Pervlene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3488
Delta R.T. -0.01 min
Lab File: BM019159.D
Acq: 13 Mar 2019 23:09

Instrument :
BNA_M
ClientSampleId :
SP-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	22.1	17.3	25.9

