

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
 Data File : BM019114.D
 Acq On : 12 Mar 2019 16:29
 Operator : JU/SJ
 Sample : K1817-18RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-SW066-030619RE

Quant Time: Mar 13 03:53:41 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

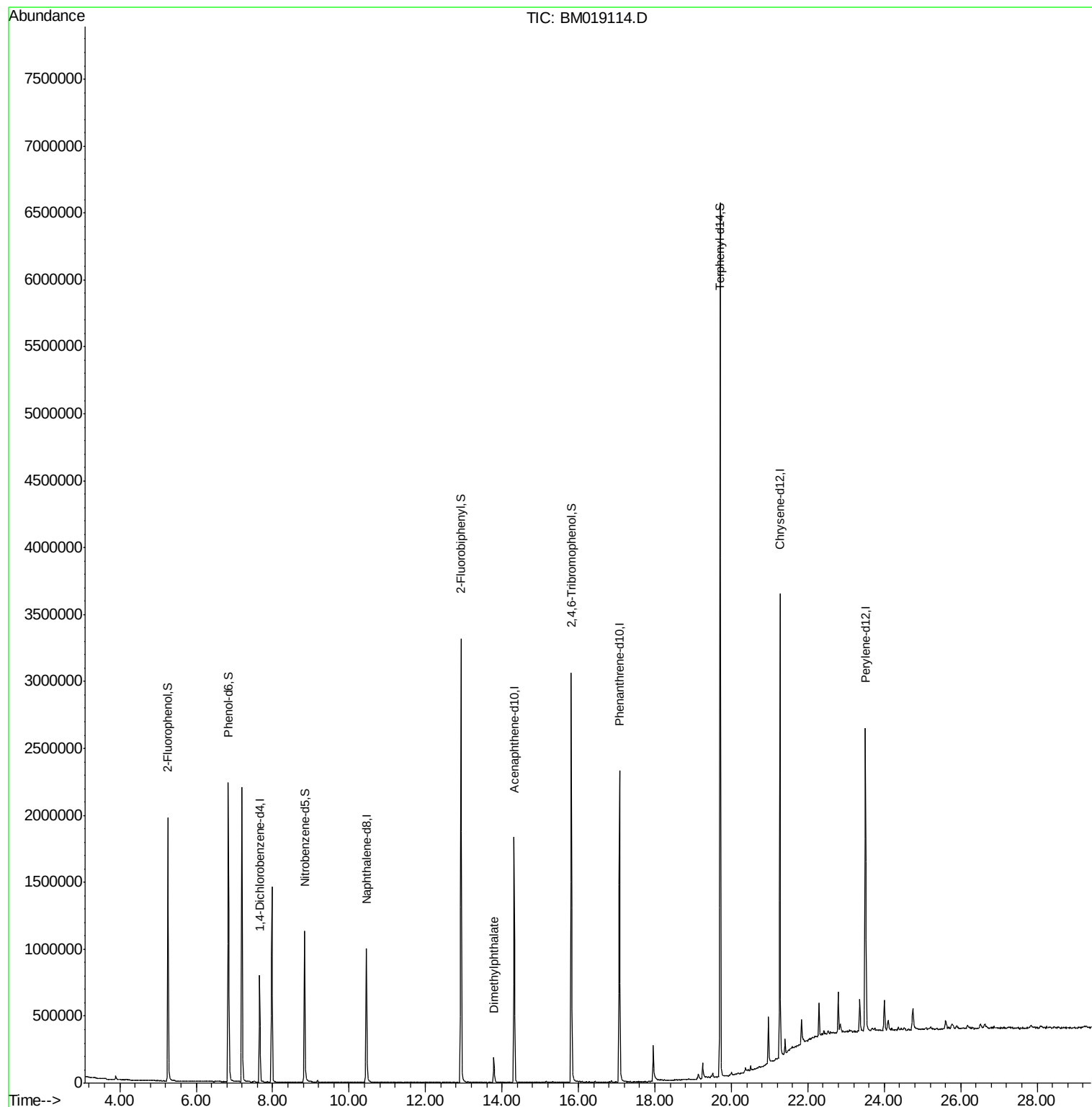
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	204485	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	879829	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	575455	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1350105	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1465110	20.00	ng	0.00
87) Perylene-d12	23.51	264	1504830	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	856827	67.86	ng	0.00
7) Phenol-d6	6.84	99	1290986	69.90	ng	0.00
23) Nitrobenzene-d5	8.83	82	778672	41.84	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	557972	65.67	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	1677904	37.93	ng	0.00
79) Terphenyl-d14	19.71	244	2919524	39.56	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.79	163	138969	2.823	ng	99

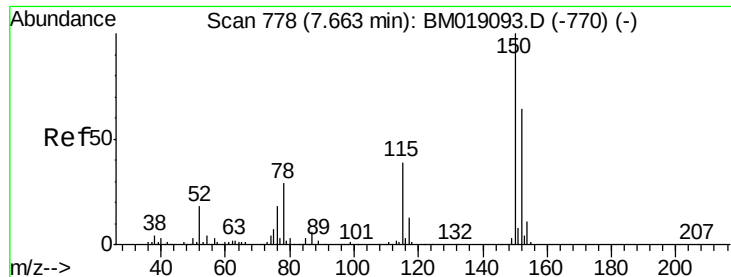
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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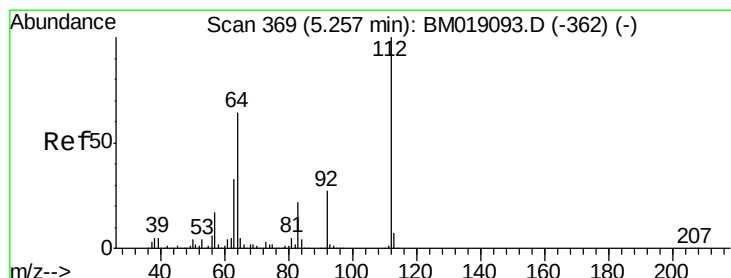
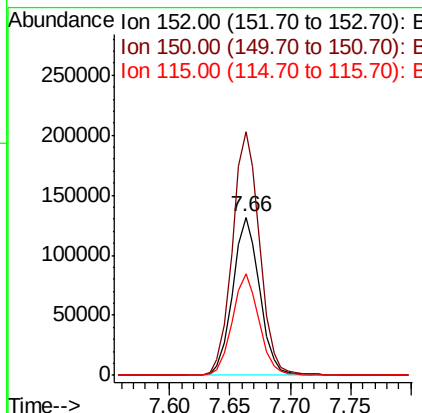
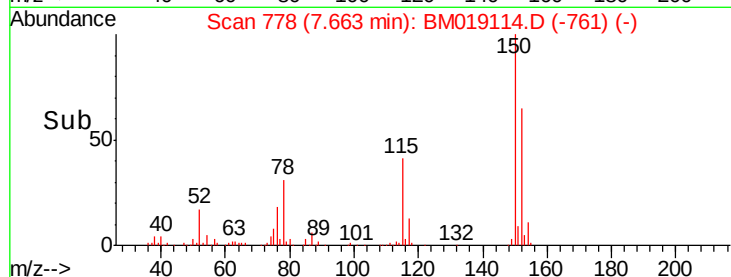
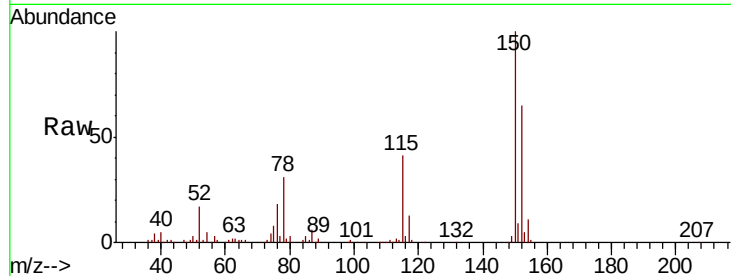


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BM019114.D
Acq: 12 Mar 2019 16:29

Instrument :
BNA_M
ClientSampleId :
PST-028-SW066-030619RE

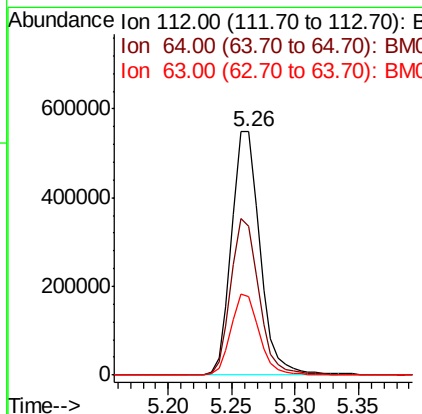
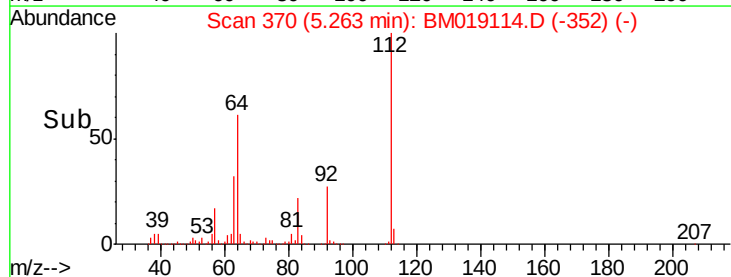
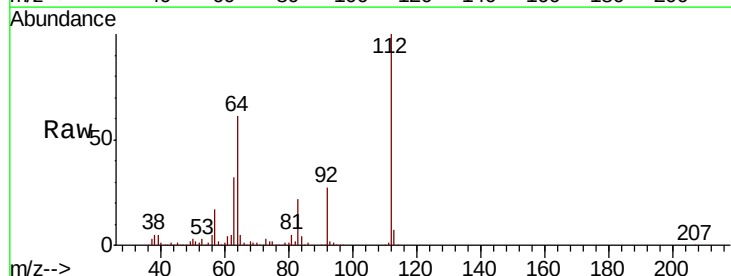
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	125.3	187.9
115	63.9	49.4	74.0

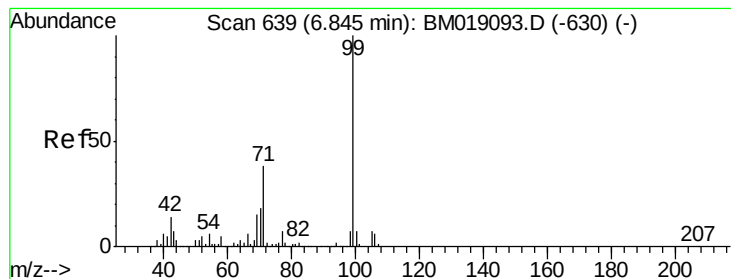


#5

2-Fluorophenol
Concen: 67.859 ng
RT: 5.26 min Scan# 370
Delta R.T. 0.01 min
Lab File: BM019114.D
Acq: 12 Mar 2019 16:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	51.4	77.0
63	32.1	26.6	40.0





#7

Phenol-d6

Concen: 69.900 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM019114.D

Acq: 12 Mar 2019 16:29

Instrument :

BNA_M

ClientSampleId :

PST-028-SW066-030619RE

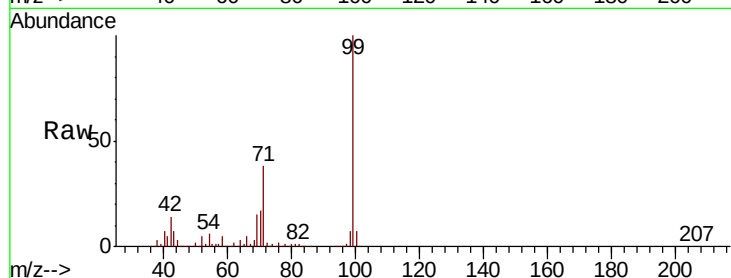
Tot Ion: 99 Resp: 1290986

Ion Ratio Lower Upper

99 100

42 14.1 10.9 16.3

71 38.4 30.3 45.5

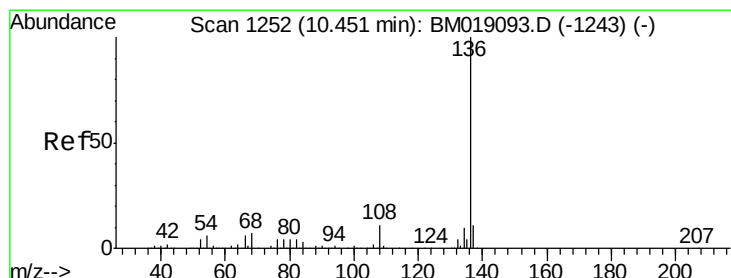
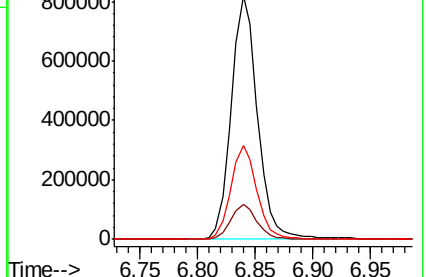
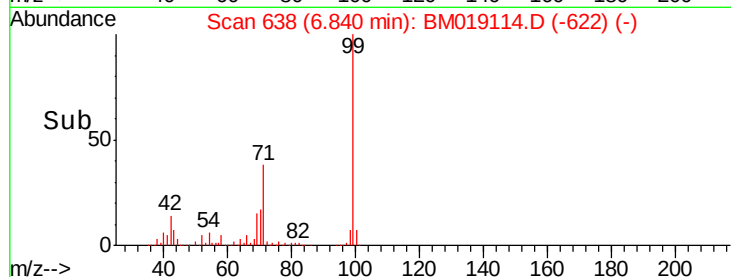


Abundance Ion 99.00 (98.70 to 99.70): BM019114.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM019114.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM019114.D (-622) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BM019114.D

Acq: 12 Mar 2019 16:29

Tgt Ion: 136 Resp: 879829

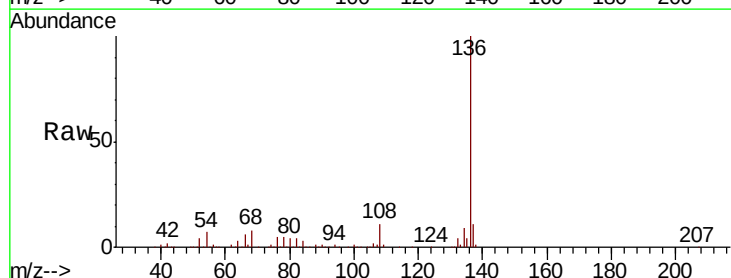
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 6.9 5.2 7.8

68 7.5 5.8 8.8



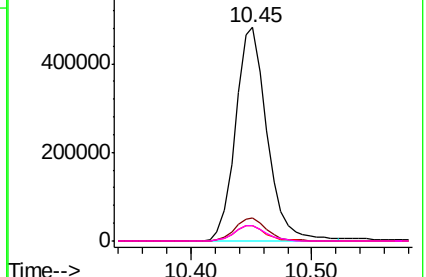
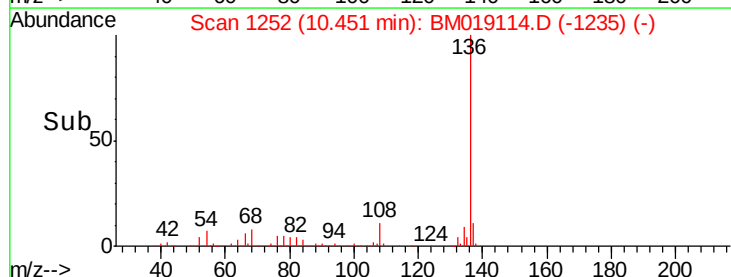
Abundance Ion 136.00 (135.70 to 136.70): BM019114.D (-1235) (-)

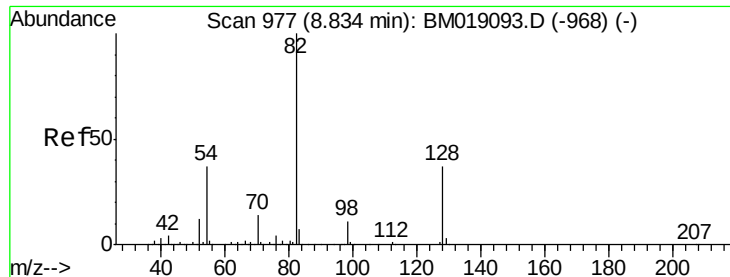
Ion 137.00 (136.70 to 137.70): BM019114.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM019114.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM019114.D (-1235) (-)

Time-->

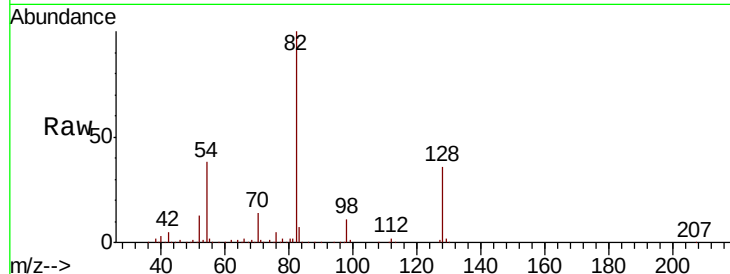




#23
Nitrobenzene-d5
Concen: 41.835 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BM019114.D
Acq: 12 Mar 2019 16:29

Instrument :
BNA_M
ClientSampleId :
PST-028-SW066-030619RE

Tot Ion	82	Resp	778672
Ion Ratio	100	Lower	Upper
128	36.2	29.4	44.2
54	37.6	29.9	44.9

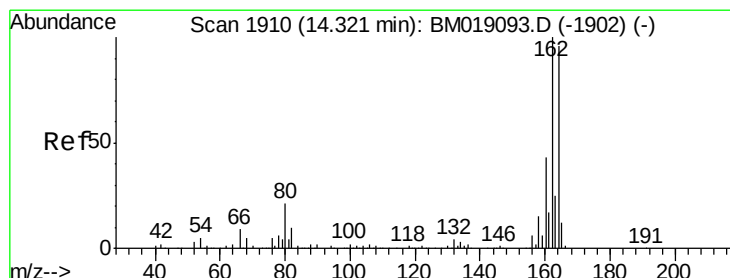
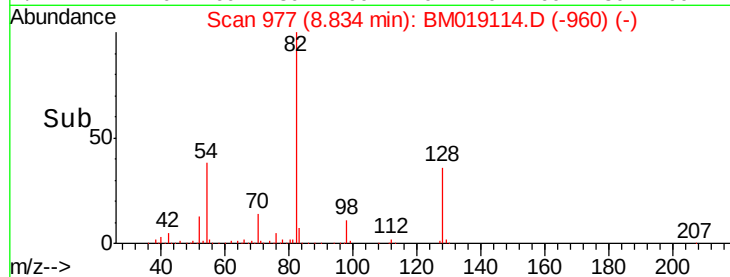
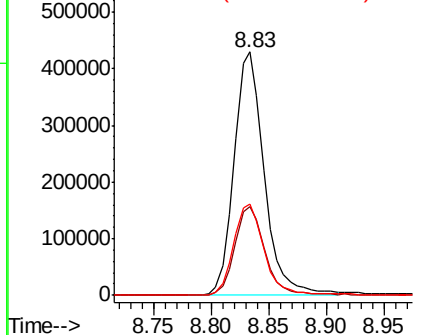


Abundance

Ion 82.00 (81.70 to 82.70): BM019114.D (-960) (-)

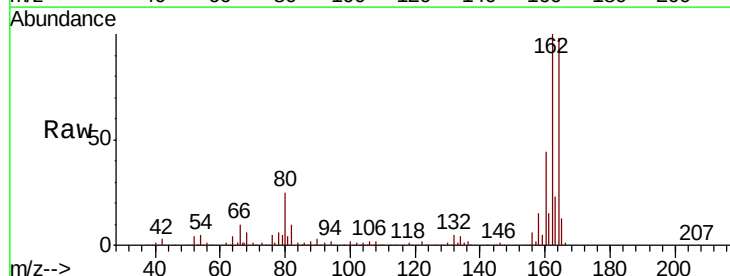
Ion 128.00 (127.70 to 128.70): BM019114.D (-960) (-)

Ion 54.00 (53.70 to 54.70): BM019114.D (-960) (-)



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BM019114.D
Acq: 12 Mar 2019 16:29

Tgt Ion	164	Resp	575455
Ion Ratio	100	Lower	Upper
162	101.6	83.5	125.3
160	44.9	36.3	54.5

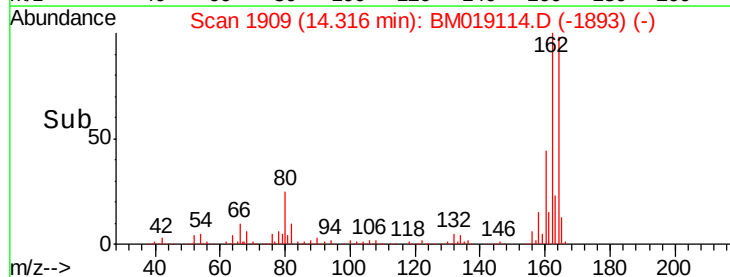
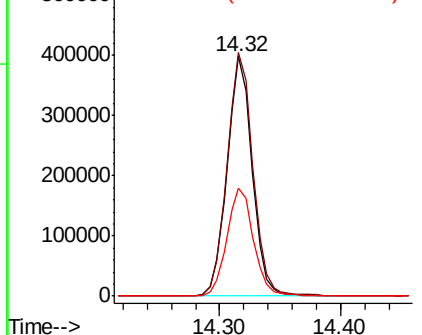


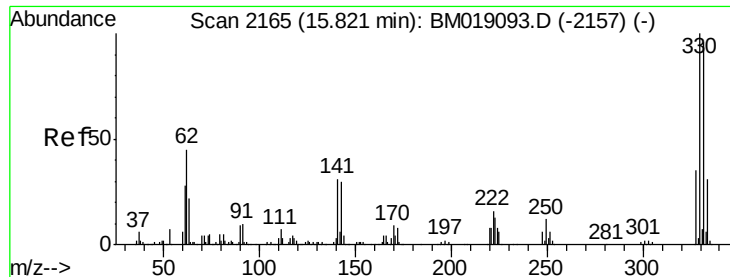
Abundance

Ion 164.00 (163.70 to 164.70): BM019114.D (-1893) (-)

Ion 162.00 (161.70 to 162.70): BM019114.D (-1893) (-)

Ion 160.00 (159.70 to 160.70): BM019114.D (-1893) (-)





#42

2,4,6-Tribromophenol

Concen: 65.672 ng

RT: 15.82 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BM019114.D

Acq: 12 Mar 2019 16:29

Instrument :

BNA_M

ClientSampleId :

PST-028-SW066-030619RE

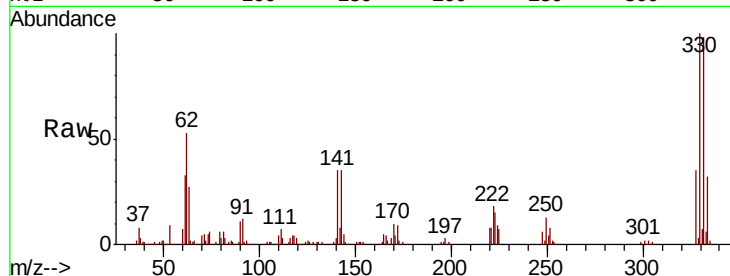
Tot Ion:330 Resp: 557972

Ion Ratio Lower Upper

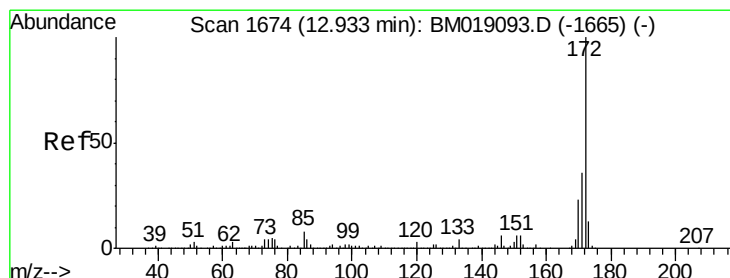
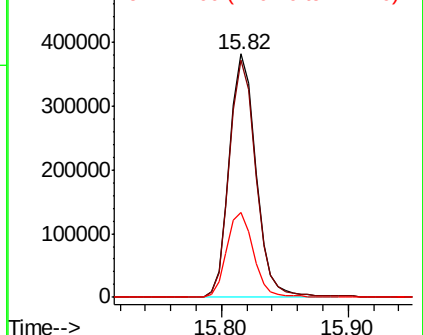
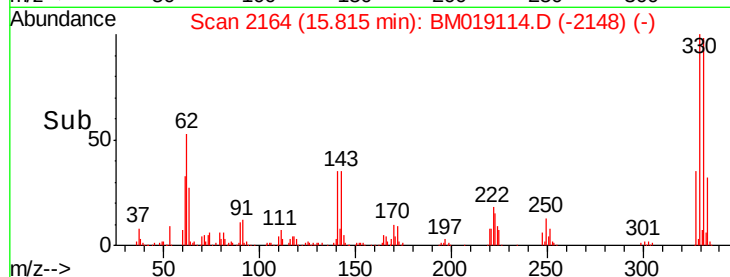
330 100

332 97.1 76.8 115.2

141 35.5 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: 37.927 ng

RT: 12.93 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BM019114.D

Acq: 12 Mar 2019 16:29

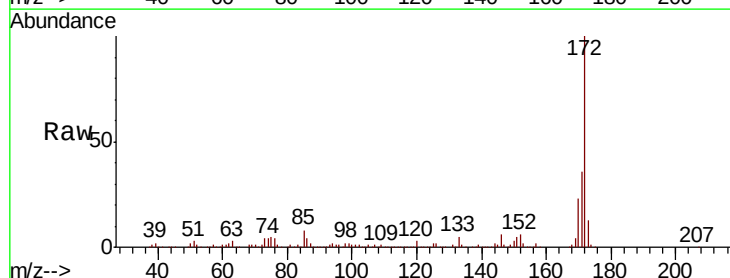
Tgt Ion:172 Resp: 1677904

Ion Ratio Lower Upper

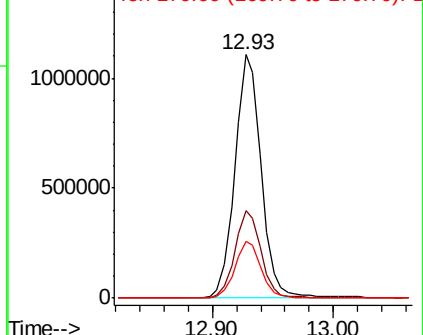
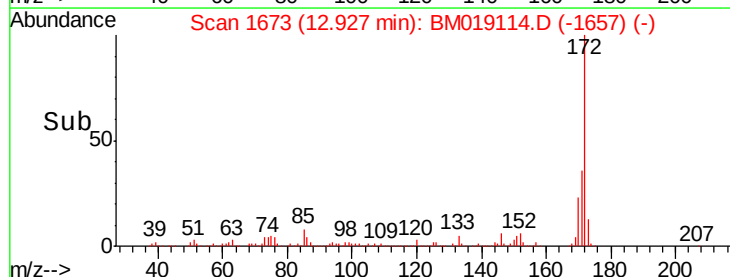
172 100

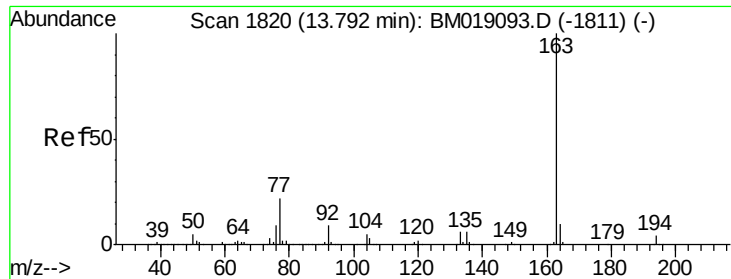
171 35.8 28.6 42.8

170 23.1 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: 2.823 ng

RT: 13.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BM019114.D

Acq: 12 Mar 2019 16:29

Instrument :

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ClientSampleId :

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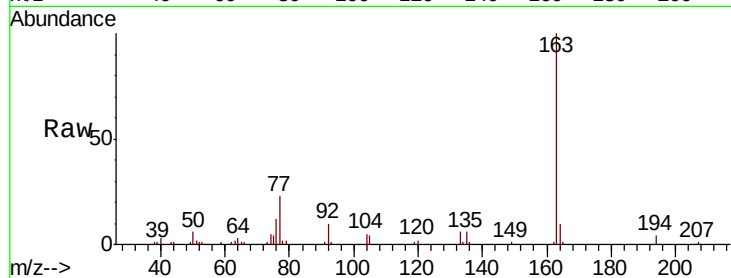
Tot Ion:163 Resp: 138969

Ion Ratio Lower Upper

163 100

194 3.5 3.3 4.9

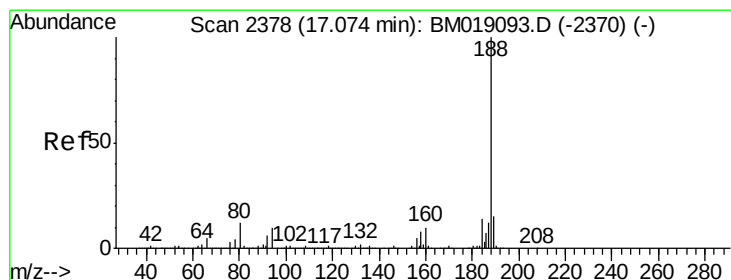
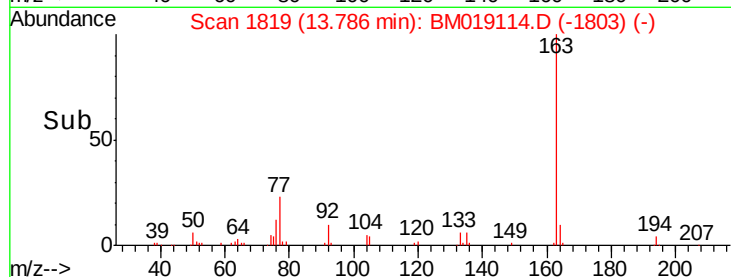
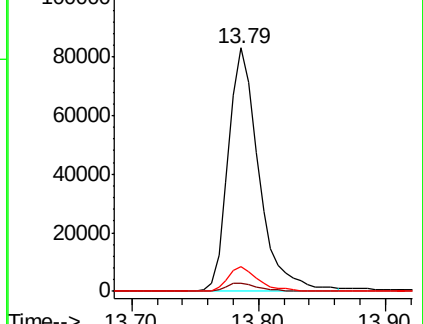
164 9.9 7.7 11.5



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# 2378

Delta R.T. -0.00 min

Lab File: BM019114.D

Acq: 12 Mar 2019 16:29

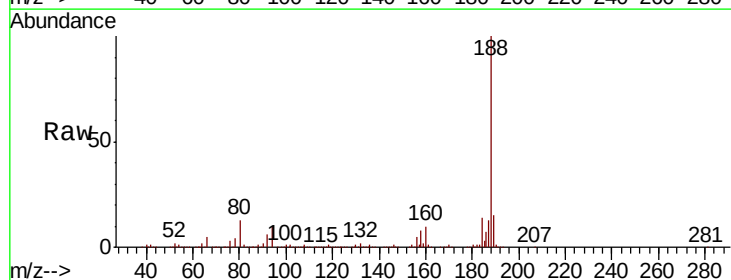
Tgt Ion:188 Resp: 1350105

Ion Ratio Lower Upper

188 100

94 9.7 8.1 12.1

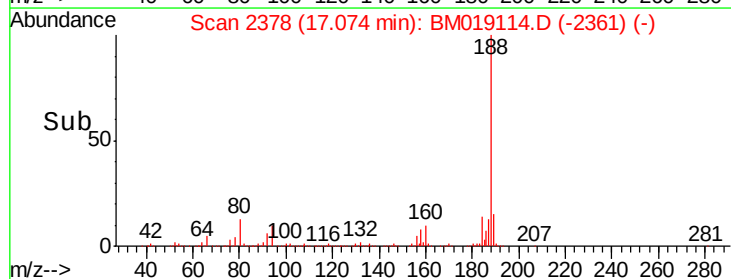
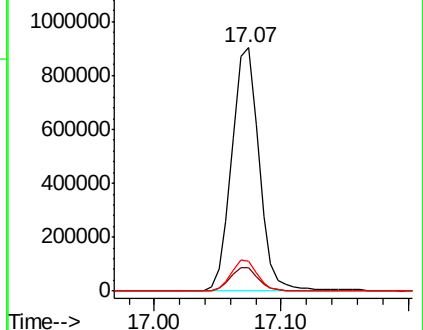
80 12.5 9.7 14.5

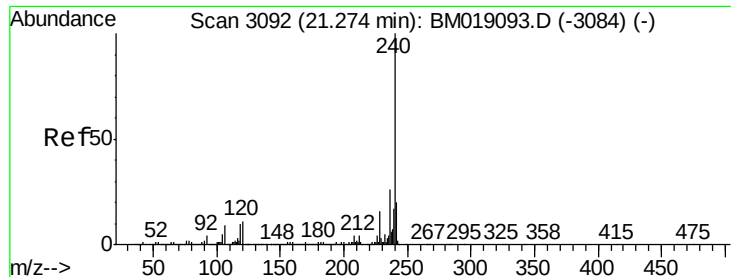


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

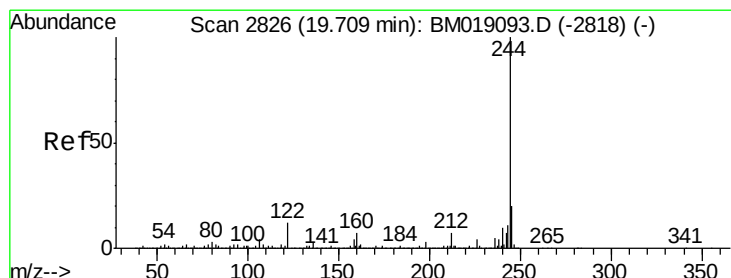
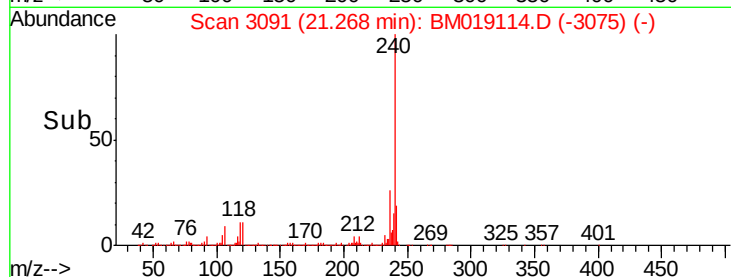
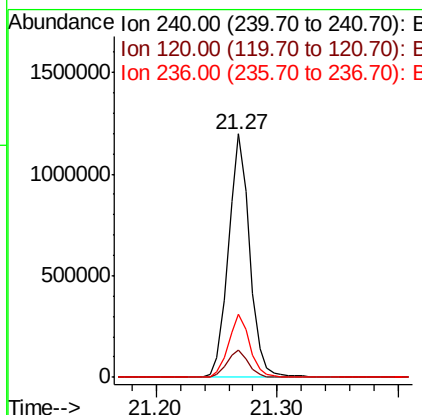
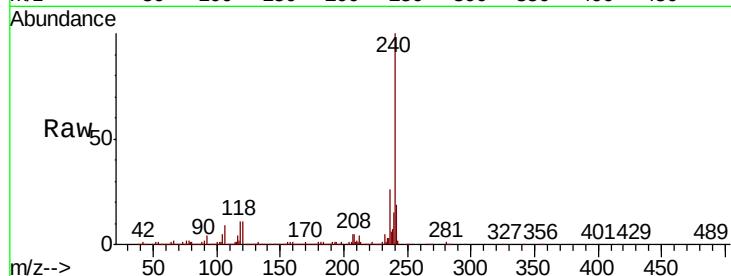




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM019114.D
Acq: 12 Mar 2019 16:29

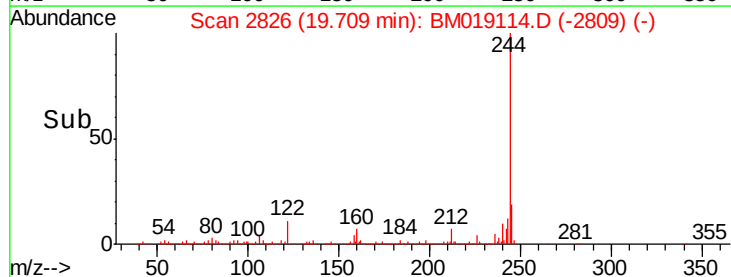
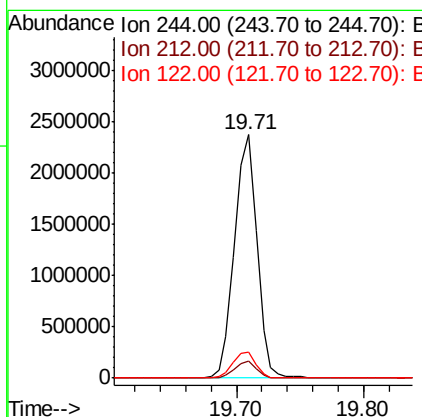
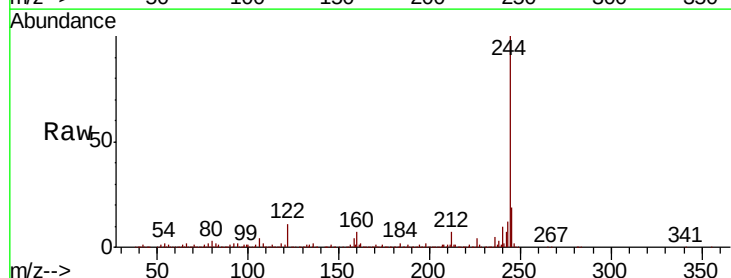
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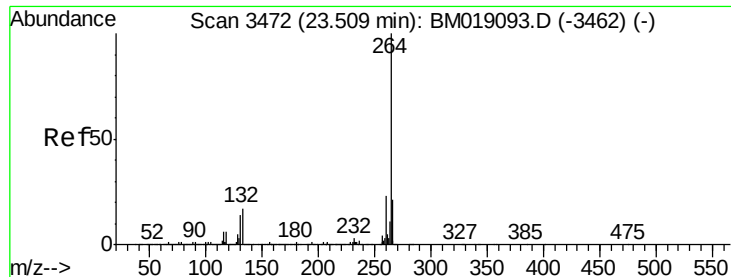
Tot Ion:240 Resp: 1465110
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 26.0 21.0 31.4



#79
Terphenyl-d14
Concen: 39.559 ng
RT: 19.71 min Scan# 2826
Delta R.T. -0.00 min
Lab File: BM019114.D
Acq: 12 Mar 2019 16:29

Tgt Ion:244 Resp: 2919524
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 10.7 9.4 14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.51 min Scan# 3472
Delta R.T. -0.00 min
Lab File: BM019114.D
Acq: 12 Mar 2019 16:29

Instrument :
BNA_M
ClientSampleId :
PST-028-SW066-030619RE

Tot Ion:264 Resp: 1504830

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.2	17.3	25.9

