

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022719\
 Data File : BM018952.D
 Acq On : 27 Feb 2019 16:45
 Operator : JU/SJ
 Sample : PB117415BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117415BL

Quant Time: Feb 28 03:39:02 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	7.69	152	230457	20.00	ng	-0.02
21) Naphthalene-d8	10.48	136	976164	20.00	ng	-0.02
39) Acenaphthene-d10	14.35	164	576638	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	1301219	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1423566	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1252335	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1912004	135.94	ng	-0.02
7) Phenol-d6	6.87	99	2756226	139.10	ng	-0.02
23) Nitrobenzene-d5	8.86	82	1738116	82.33	ng	-0.03
42) 2,4,6-Tribromophenol	15.84	330	1077096	129.58	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	3598609	82.84	ng	-0.02
79) Terphenyl-d14	19.73	244	6065015	87.89	ng	-0.01

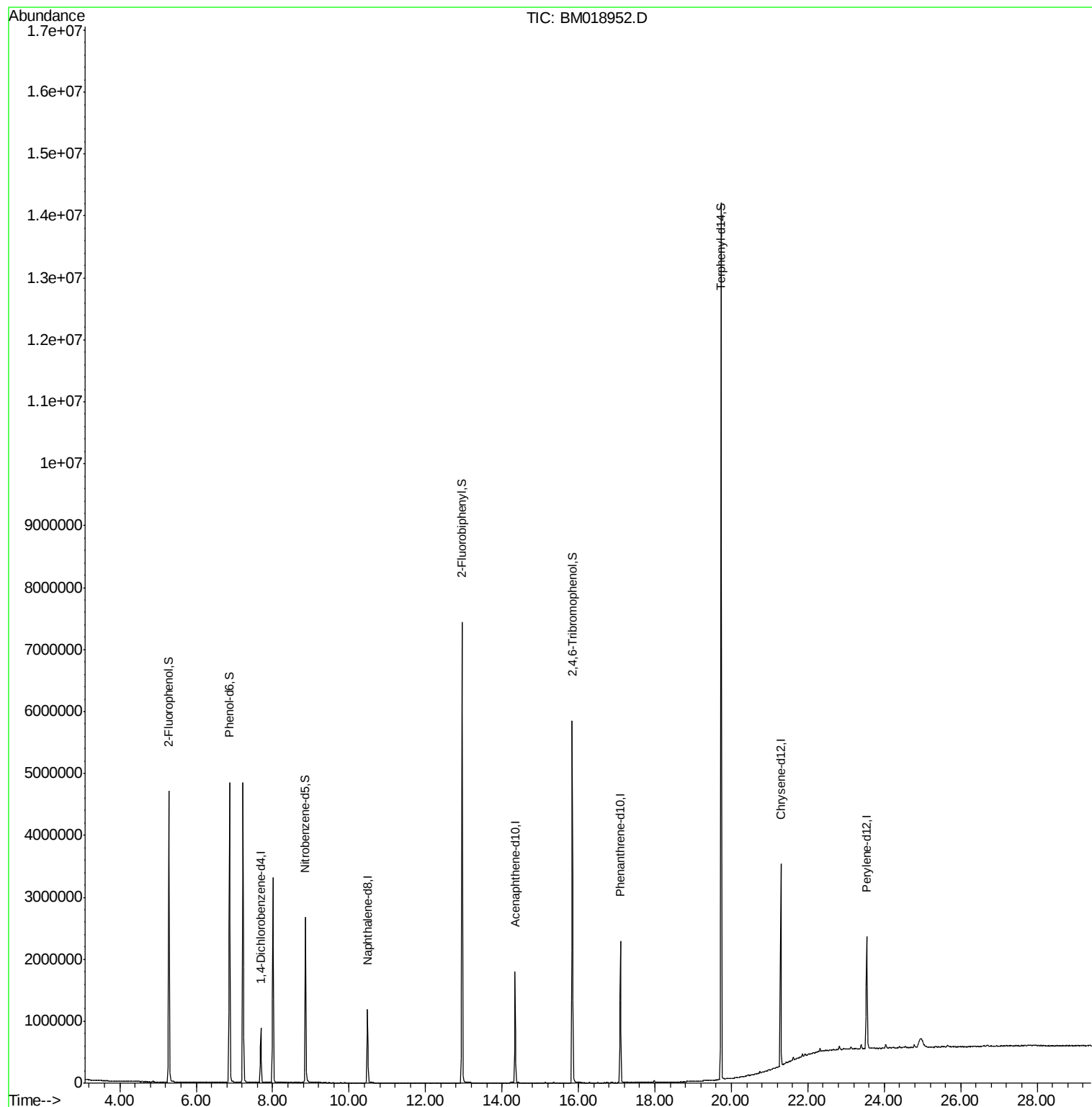
Target Compounds Qvalue

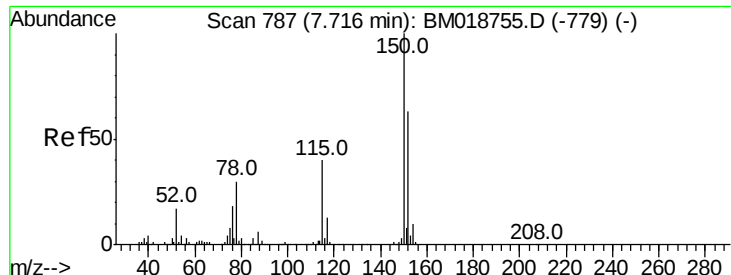
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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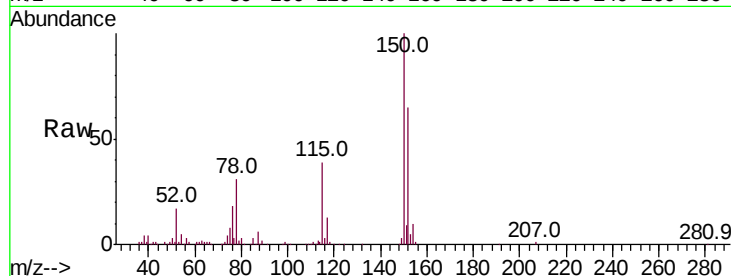


#1

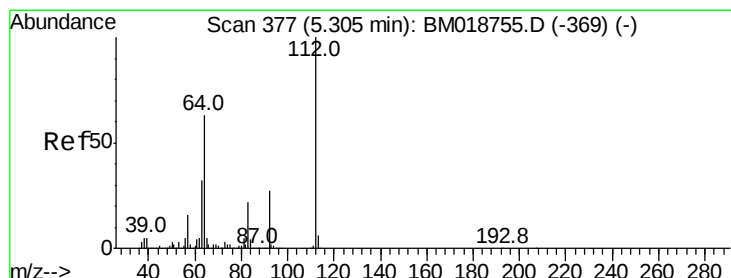
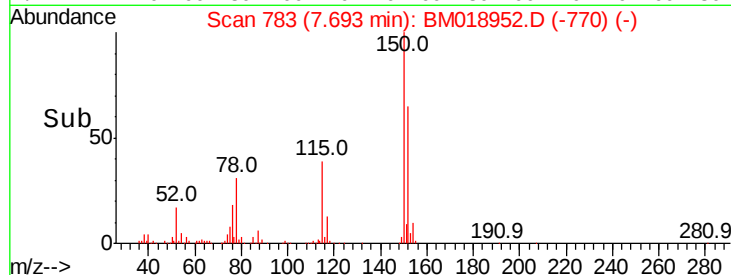
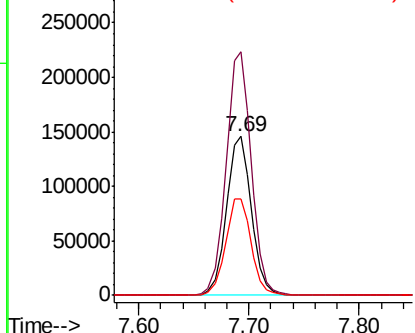
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BM018952.D
Acq: 27 Feb 2019 16:45

Instrument :
BNA_M
ClientSampleId :
PB117415BL

Tot Ion:152 Resp: 230457
Ion Ratio Lower Upper
152 100
150 153.0 127.3 190.9
115 60.4 50.8 76.2



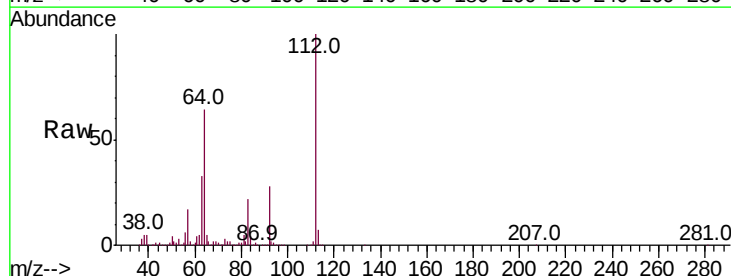
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



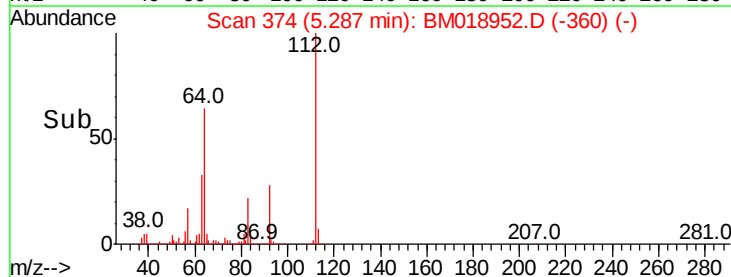
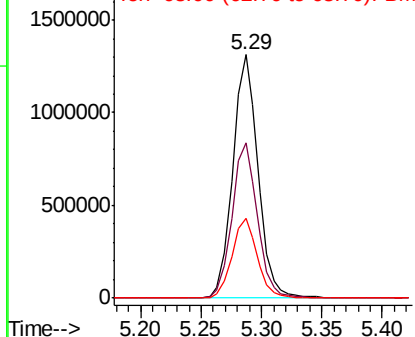
#5

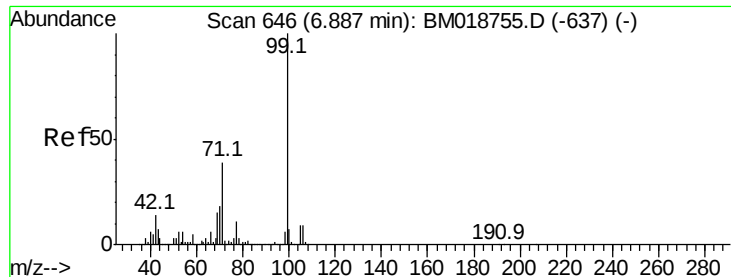
2-Fluorophenol
Concen: 135.937 ng
RT: 5.29 min Scan# 374
Delta R.T. -0.02 min
Lab File: BM018952.D
Acq: 27 Feb 2019 16:45

Tgt Ion:112 Resp: 1912004
Ion Ratio Lower Upper
112 100
64 63.8 50.6 75.8
63 32.7 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BMC
Ion 63.00 (62.70 to 63.70): BMC





#7

Phenol-d6

Concen: 139.101 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM018952.D

Acq: 27 Feb 2019 16:45

Instrument :

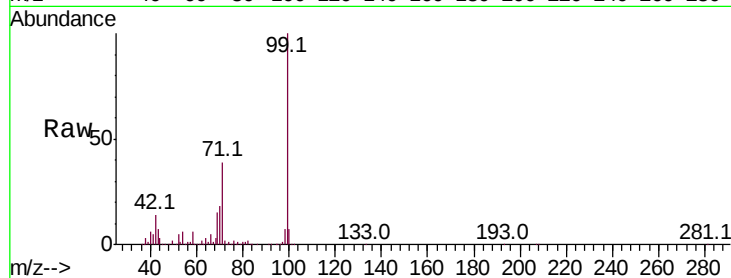
BNA_M

ClientSampleId :

PB117415BL

Tot Ion: 99 Resp: 2756226

Ion	Ratio	Lower	Upper
99	100		
42	14.1	11.0	16.6
71	38.8	31.3	46.9

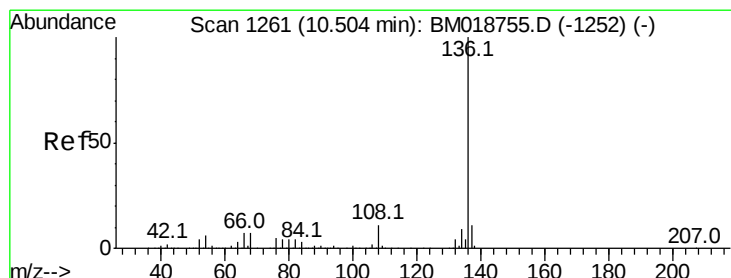
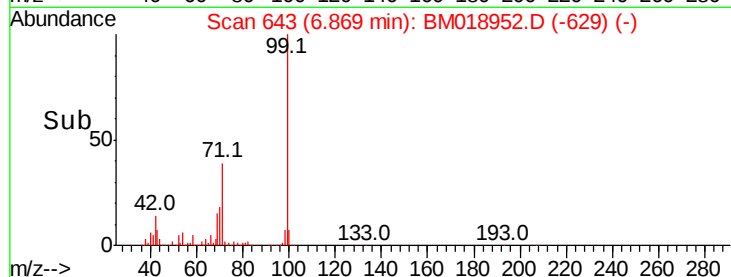
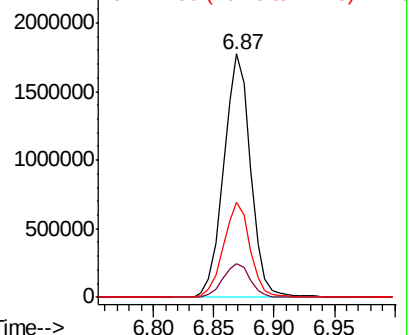


Abundance

Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.48 min Scan# 1257

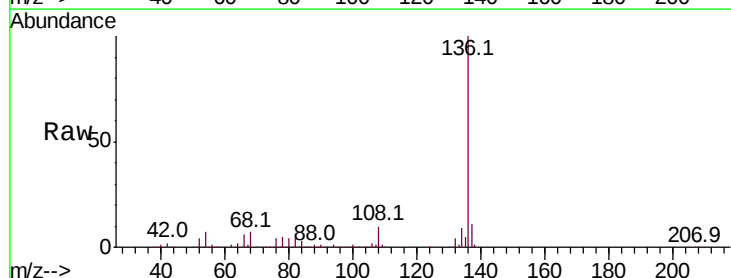
Delta R.T. -0.02 min

Lab File: BM018952.D

Acq: 27 Feb 2019 16:45

Tgt Ion: 136 Resp: 976164

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.9	5.0	7.6
68	7.2	5.5	8.3



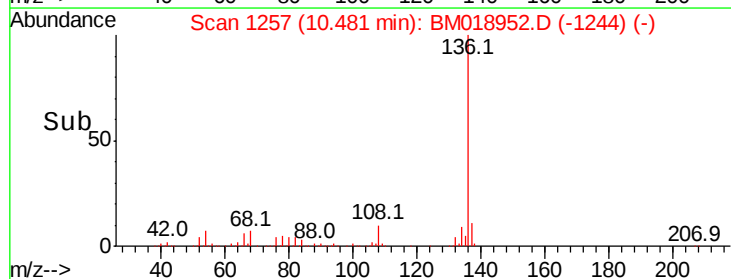
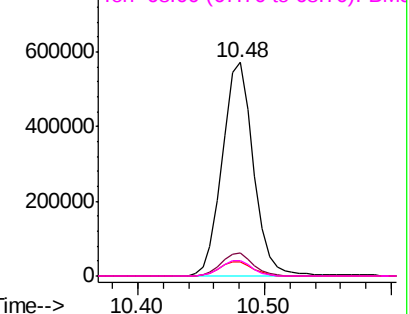
Abundance

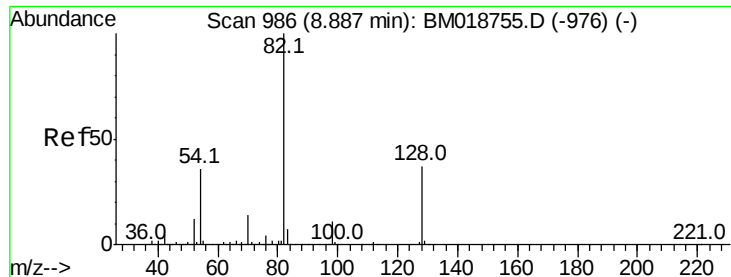
Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018755.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018755.D (-1252) (-)

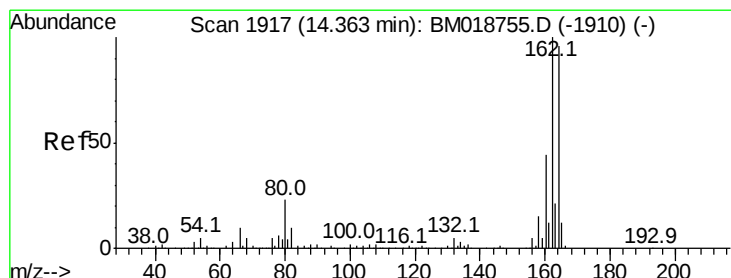
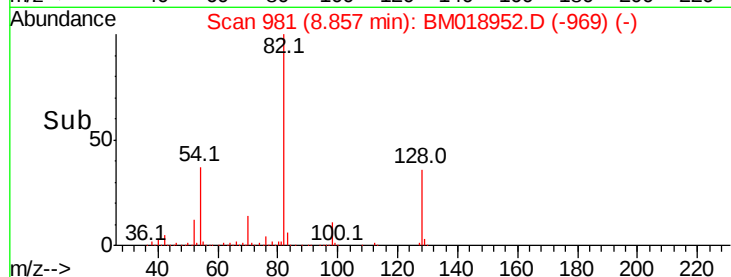
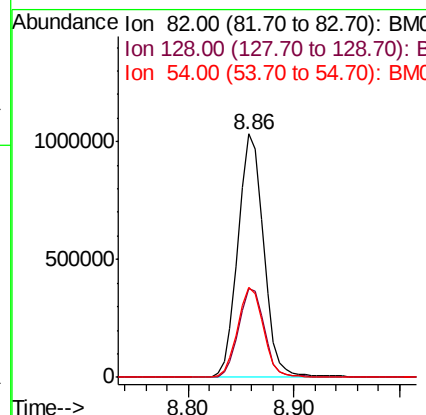
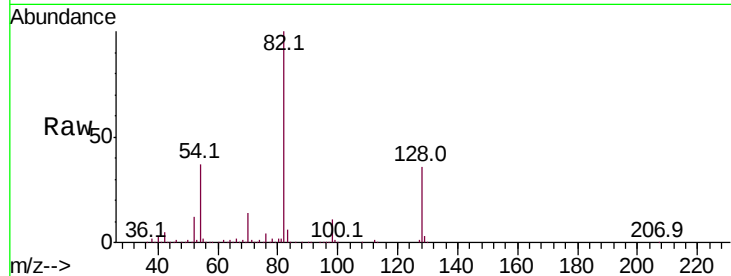




#23
Nitrobenzene-d5
Concen: 82.331 ng
RT: 8.86 min Scan# 981
Delta R.T. -0.03 min
Lab File: BM018952.D
Acq: 27 Feb 2019 16:45

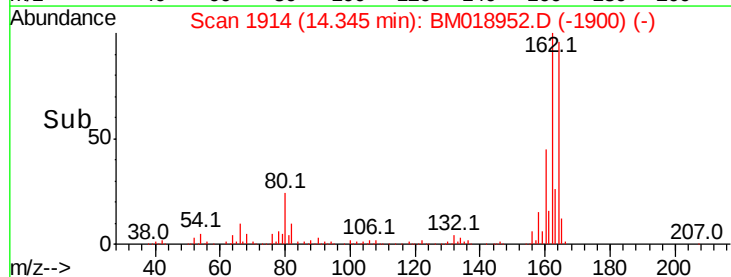
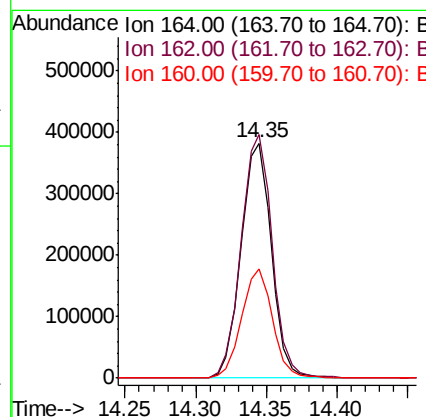
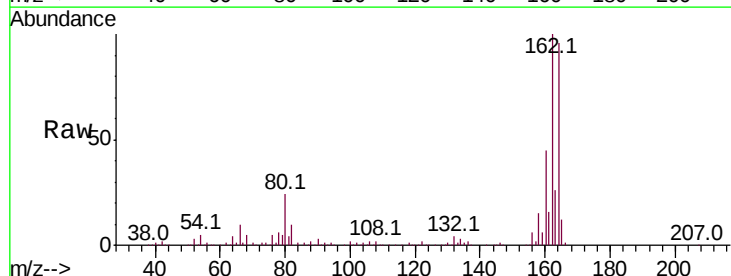
Instrument :
BNA_M
ClientSampled :
PB117415BL

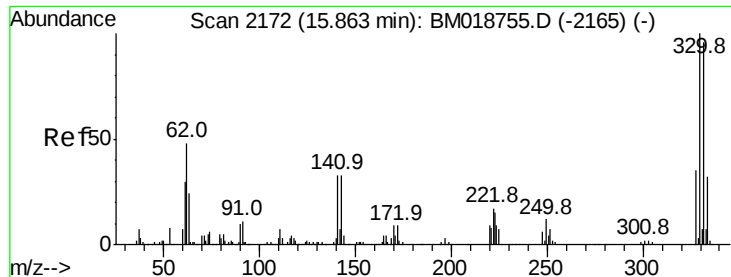
Tot Ion: 82 Resp: 1738116
Ion Ratio Lower Upper
82 100
128 36.3 29.9 44.9
54 37.0 29.1 43.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018952.D
Acq: 27 Feb 2019 16:45

Tgt Ion:164 Resp: 576638
Ion Ratio Lower Upper
164 100
162 103.7 83.4 125.0
160 46.7 36.6 55.0

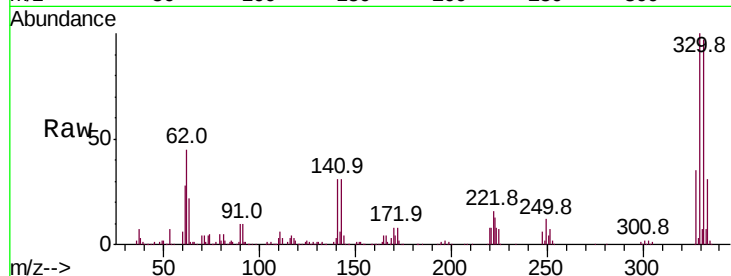




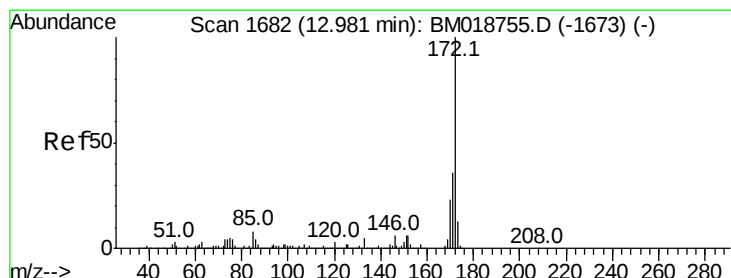
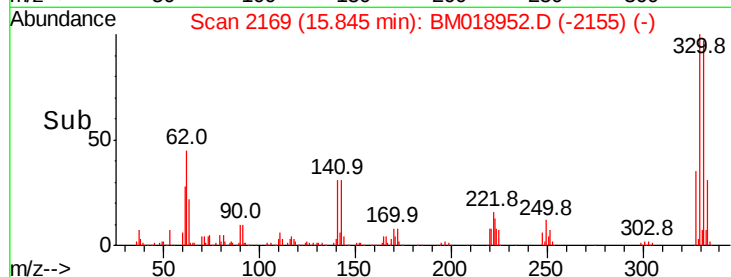
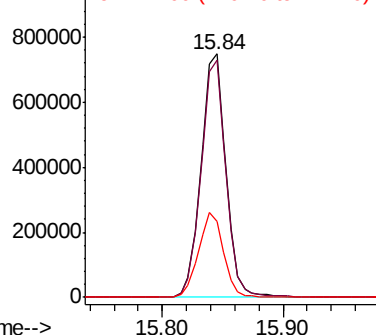
#42
 2,4,6-Tribromophenol
 Concen: 129.582 ng
 RT: 15.84 min Scan# 2169
 Delta R.T. -0.02 min
 Lab File: BM018952.D
 Acq: 27 Feb 2019 16:45

Instrument :
 BNA_M
 ClientSampleId :
 PB117415BL

Tot Ion:330 Resp: 1077096
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.9 115.3
 141 34.9 28.7 43.1

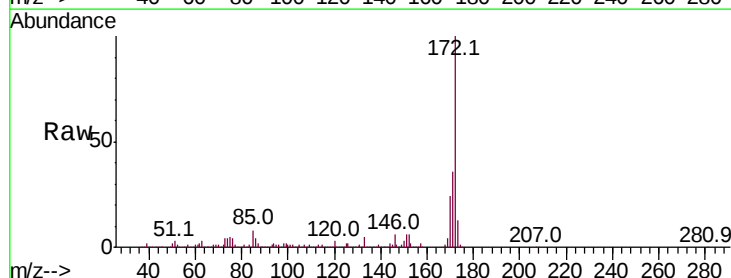


Abundance Ion 329.80 (329.50 to 330.50): E
 1000000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

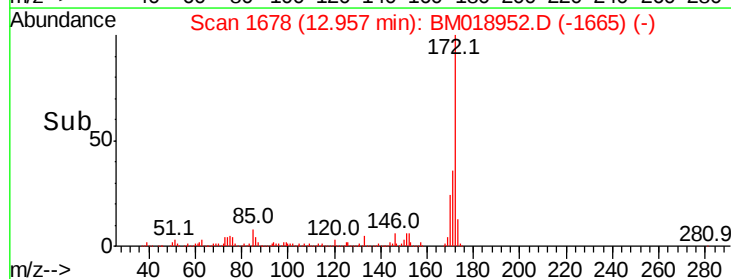
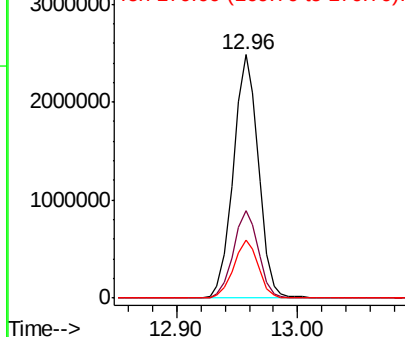


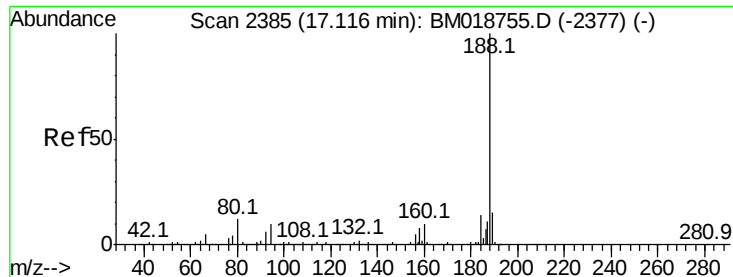
#45
 2-Fluorobiphenyl
 Concen: 82.843 ng
 RT: 12.96 min Scan# 1678
 Delta R.T. -0.02 min
 Lab File: BM018952.D
 Acq: 27 Feb 2019 16:45

Tgt Ion:172 Resp: 3598609
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 23.9 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

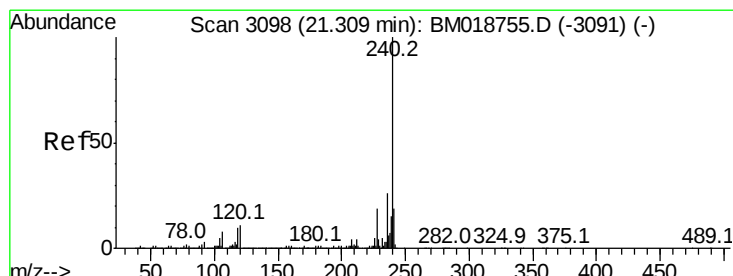
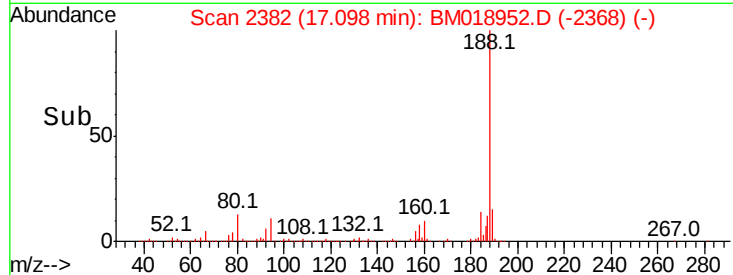
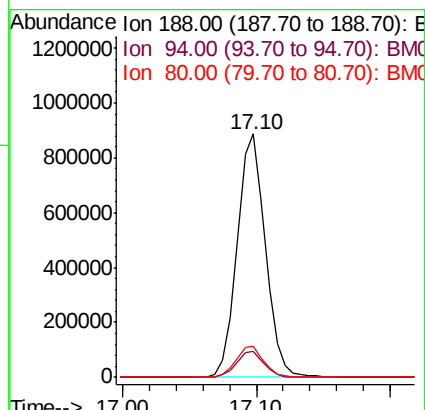
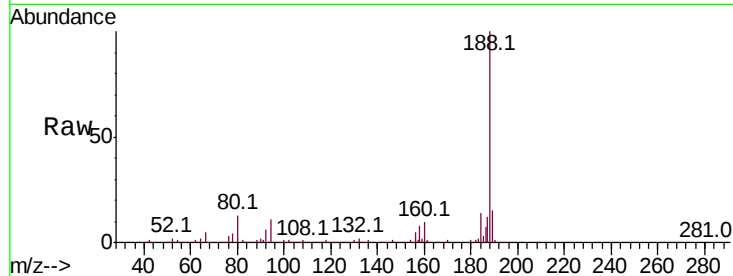




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2382
Delta R.T. -0.02 min
Lab File: BM018952.D
Acq: 27 Feb 2019 16:45

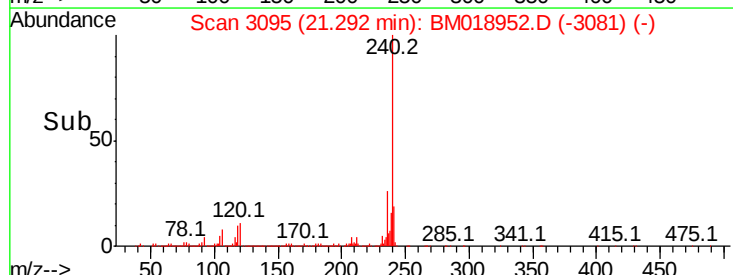
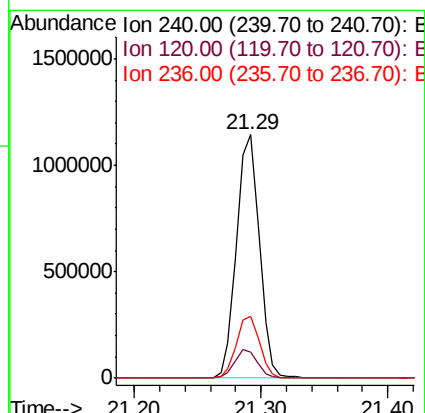
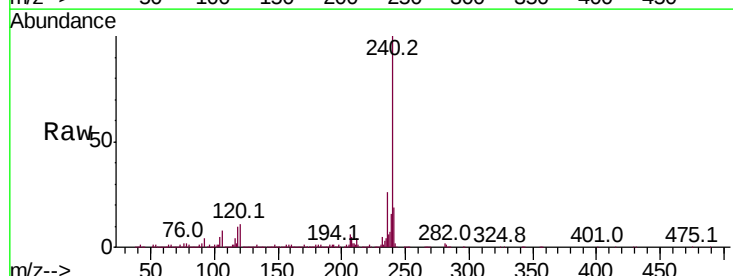
Instrument :
BNA_M
ClientSampleId :
PB117415BL

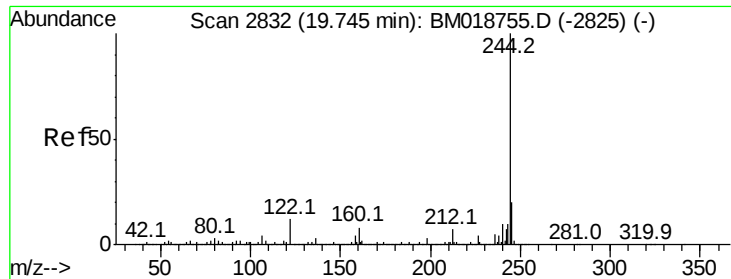
Tot Ion:188 Resp: 1301219
Ion Ratio Lower Upper
188 100
94 10.7 8.2 12.2
80 12.6 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM018952.D
Acq: 27 Feb 2019 16:45

Tgt Ion:240 Resp: 1423566
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.6 20.9 31.3

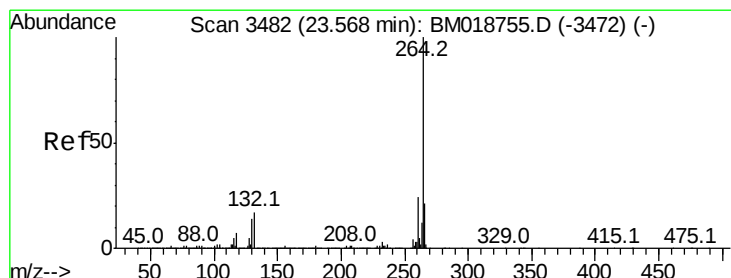
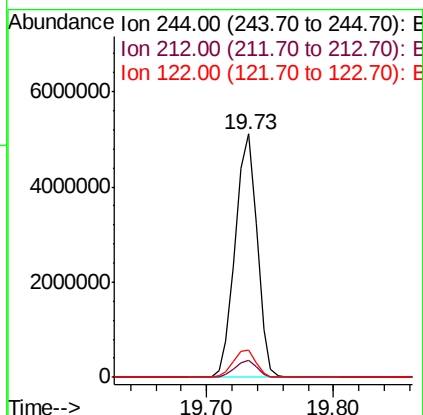
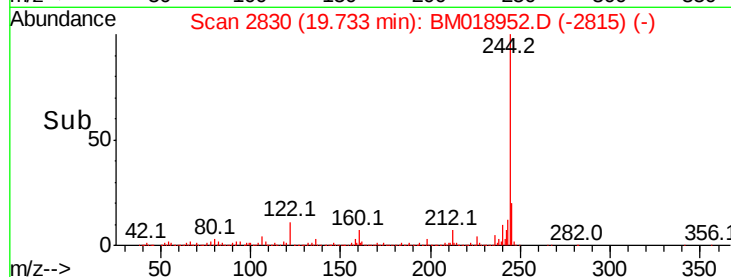
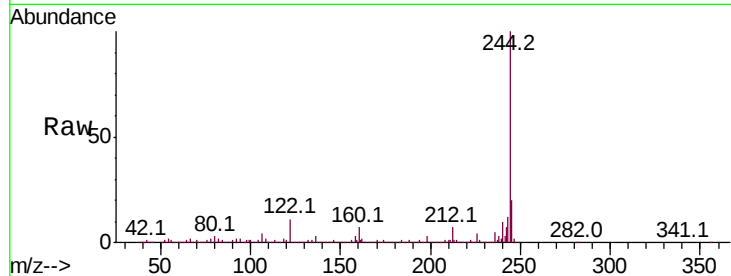




#79
 Terphenyl-d14
 Concen: 87.888 ng
 RT: 19.73 min Scan# 2830
 Delta R.T. -0.01 min
 Lab File: BM018952.D
 Acq: 27 Feb 2019 16:45

Instrument :
 BNA_M
 ClientSampleId :
 PB117415BL

Tot Ion:244 Resp: 6065015
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.0 9.3 13.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.54 min Scan# 3477
 Delta R.T. -0.03 min
 Lab File: BM018952.D
 Acq: 27 Feb 2019 16:45

Tgt Ion:264 Resp: 1252335
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 21.5 17.3 25.9

