

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
 Data File : BM018621.D
 Acq On : 17 Jan 2019 19:22
 Operator : JU/SJ
 Sample : K1139-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-9

Quant Time: Jan 18 05:57:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

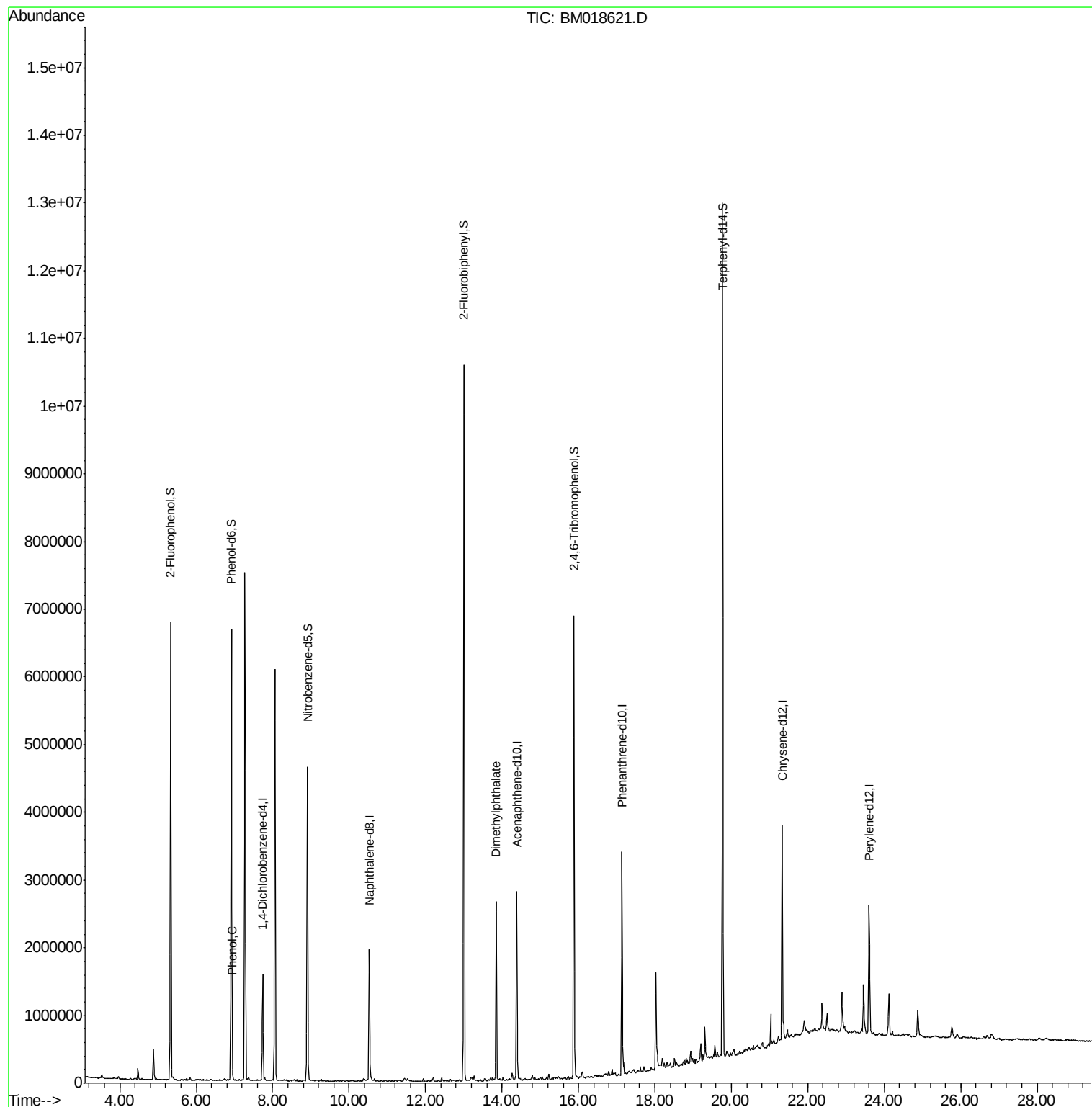
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	410856	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1641881	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	921577	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1922453	20.00	ng	-0.02
76) Chrysene-d12	21.33	240	1444895	20.00	ng	-0.02
87) Perylene-d12	23.60	264	1388595	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	2826216	127.02	ng	-0.02
7) Phenol-d6	6.92	99	3776003	133.61	ng	-0.01
23) Nitrobenzene-d5	8.91	82	2540645	89.70	ng	-0.01
42) 2,4,6-Tribromophenol	15.89	330	1261537	107.51	ng	-0.02
45) 2-Fluorobiphenyl	13.00	172	5569983	78.87	ng	-0.02
79) Terphenyl-d14	19.77	244	5839017	85.19	ng	-0.02
Target Compounds						
10) Phenol	6.95	94	59560	2.074	ng	87
50) Dimethylphthalate	13.84	163	1699010	22.448	ng	99

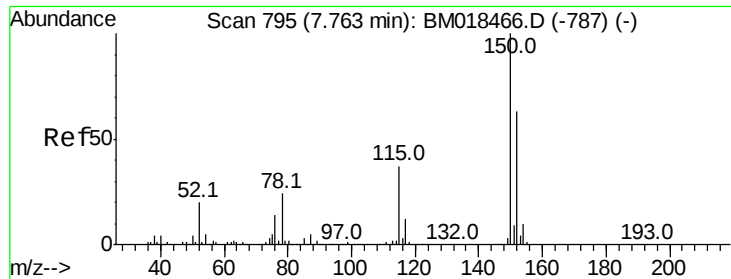
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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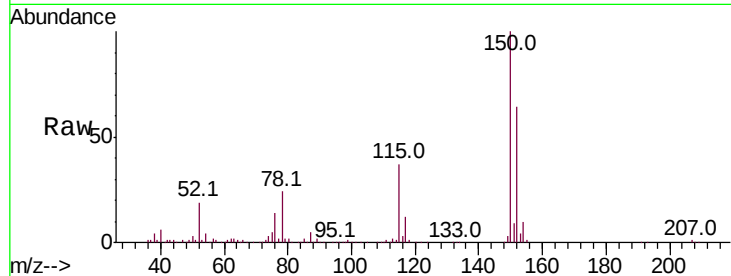


#1

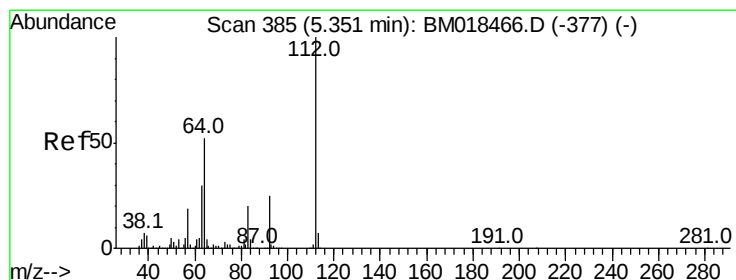
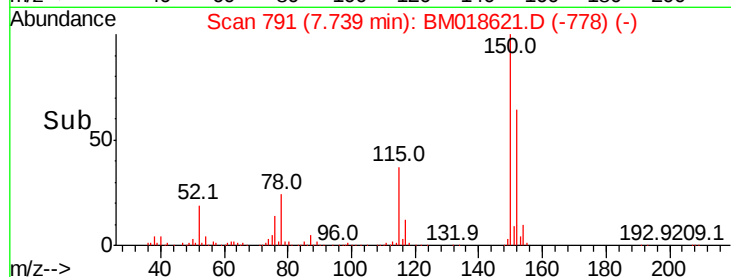
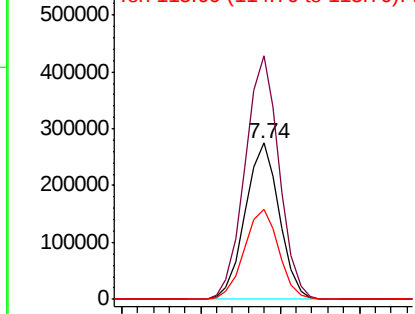
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM018621.D
Acq: 17 Jan 2019 19:22

Instrument :
BNA_M
ClientSampled :
S-9

Tot Ion:152 Resp: 410856
Ion Ratio Lower Upper
152 100
150 156.0 126.9 190.3
115 57.7 45.5 68.3



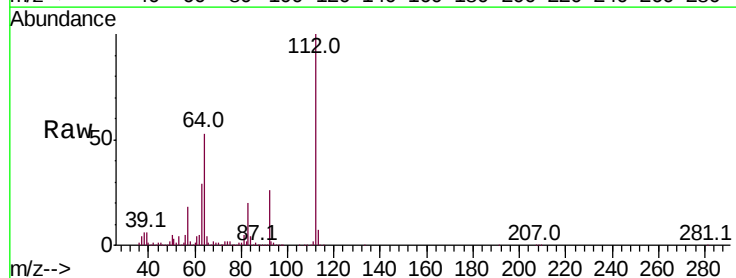
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



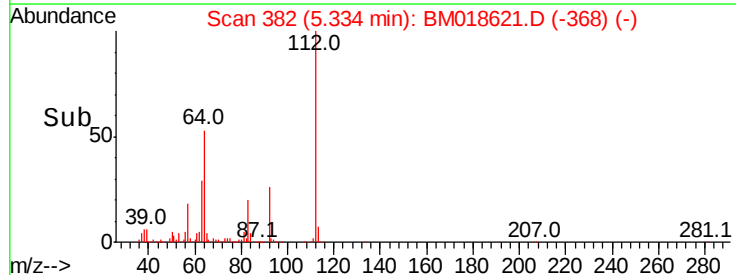
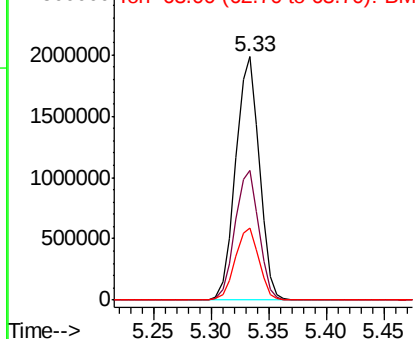
#5

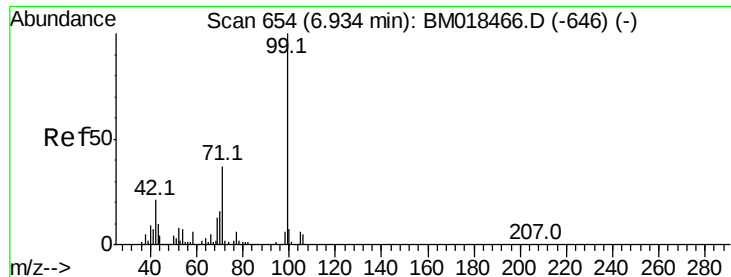
2-Fluorophenol
Concen: 127.017 ng
RT: 5.33 min Scan# 382
Delta R.T. -0.02 min
Lab File: BM018621.D
Acq: 17 Jan 2019 19:22

Tgt Ion:112 Resp: 2826216
Ion Ratio Lower Upper
112 100
64 53.3 46.5 69.7
63 29.4 25.2 37.8



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: 133.612 ng

RT: 6.92 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM018621.D

Acq: 17 Jan 2019 19:22

Instrument :

BNA_M

ClientSampleId :

S-9

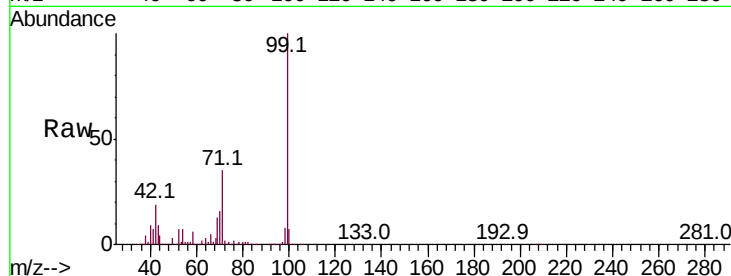
Tot Ion: 99 Resp: 3776003

Ion Ratio Lower Upper

99 100

42 19.2 17.3 25.9

71 35.2 28.0 42.0



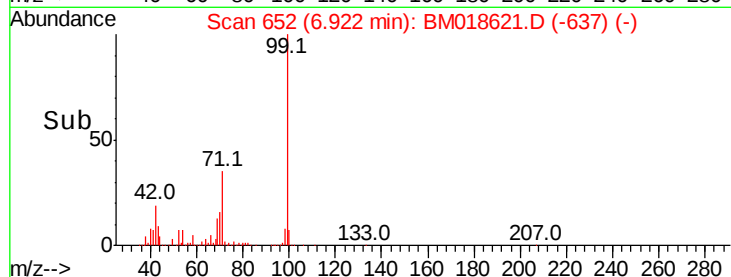
Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

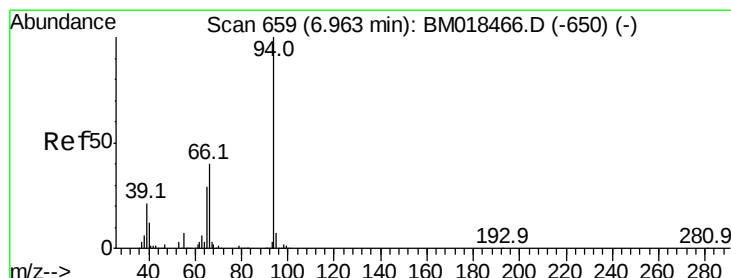
Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)

6.92

Time-->



Time-->



#10

Phenol

Concen: 2.074 ng

RT: 6.95 min Scan# 656

Delta R.T. -0.02 min

Lab File: BM018621.D

Acq: 17 Jan 2019 19:22

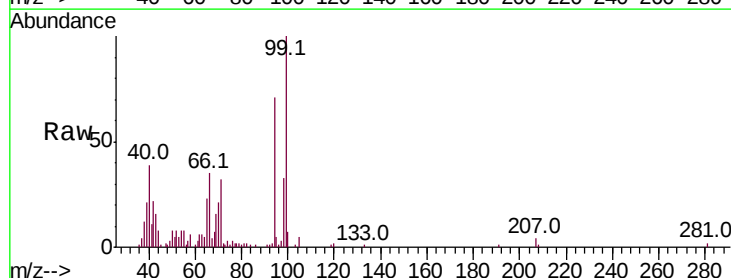
Tgt Ion: 94 Resp: 59560

Ion Ratio Lower Upper

94 100

65 33.2 9.4 49.4

66 49.6 19.1 59.1



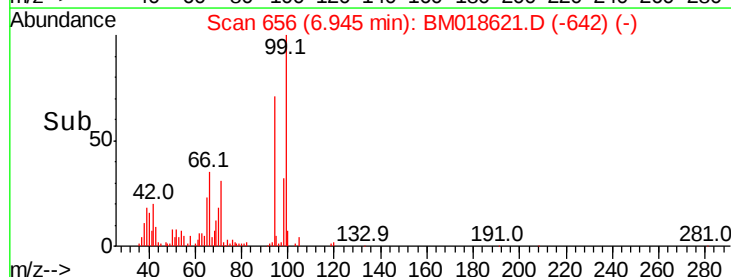
Abundance Ion 94.00 (93.70 to 94.70): BM018466.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-650) (-)

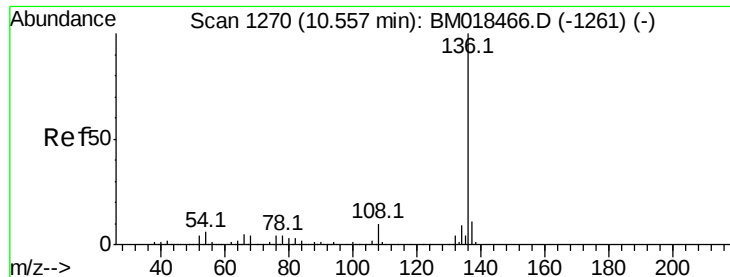
Ion 66.00 (65.70 to 66.70): BM018466.D (-650) (-)

6.95

Time-->



Time-->

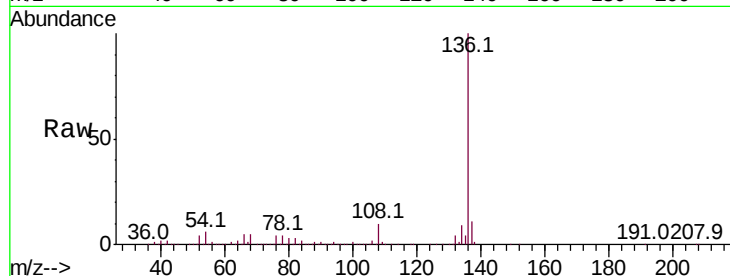


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BM018621.D
Acq: 17 Jan 2019 19:22

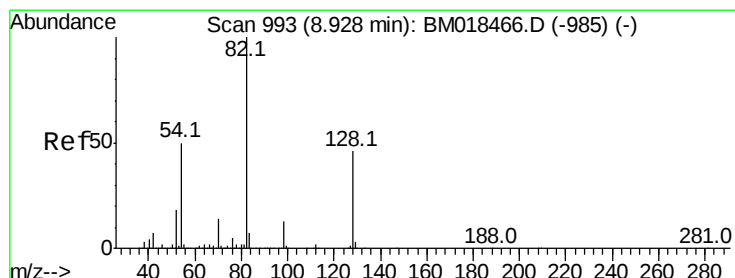
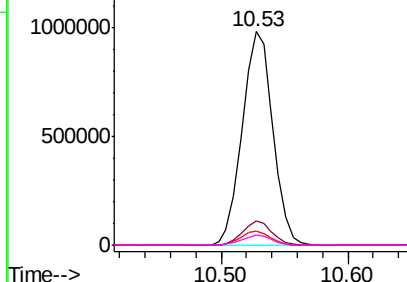
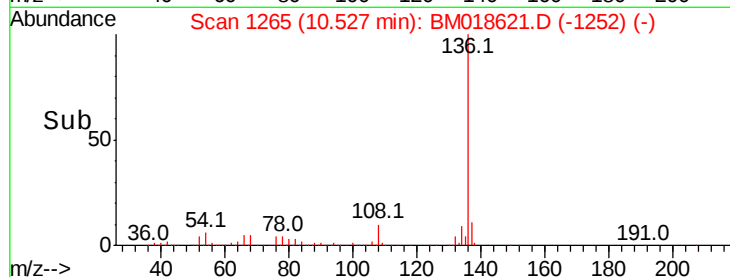
Instrument :
BNA_M
ClientSampleId :
S-9

Tot Ion:136 Resp: 1641881

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	6.5	6.0	9.0
68	4.6	4.5	6.7



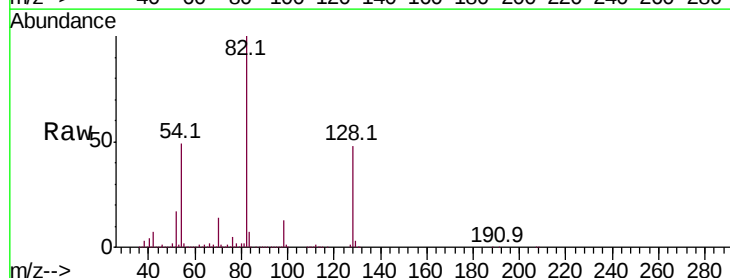
Abundance Ion 136.00 (135.70 to 136.70): E
1500000 Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM



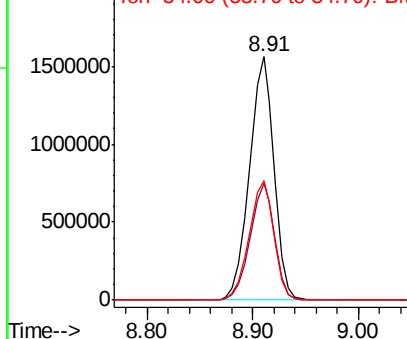
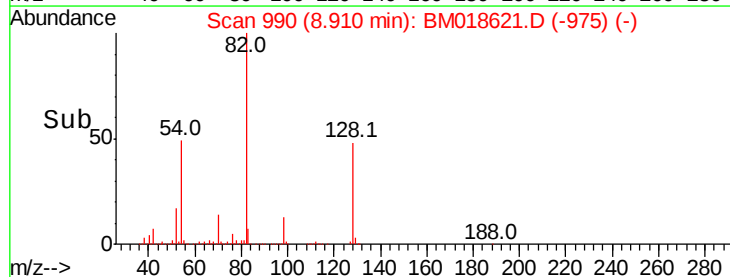
#23
Nitrobenzene-d5
Concen: 89.704 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BM018621.D
Acq: 17 Jan 2019 19:22

Tgt Ion: 82 Resp: 2540645

Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.3	54.5
54	48.8	41.7	62.5



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

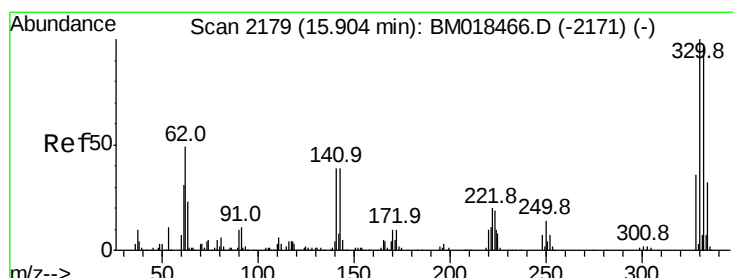
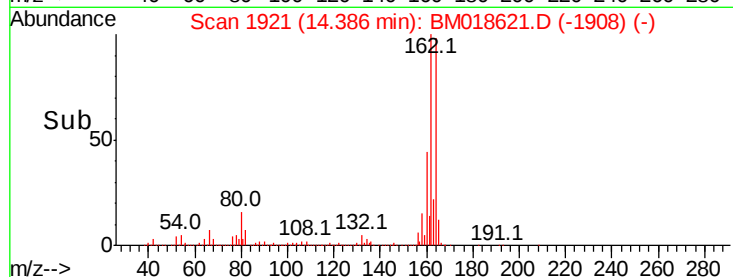
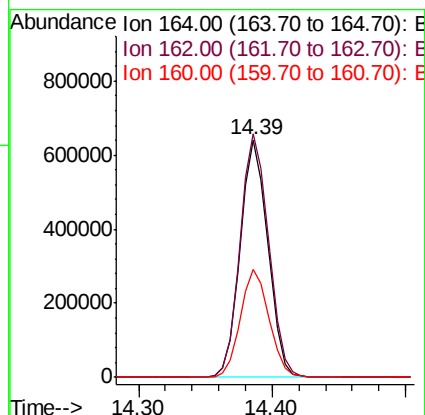
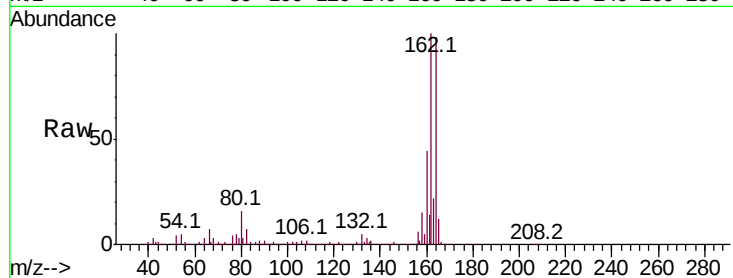




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1921
Delta R.T. -0.02 min
Lab File: BM018621.D
Acq: 17 Jan 2019 19:22

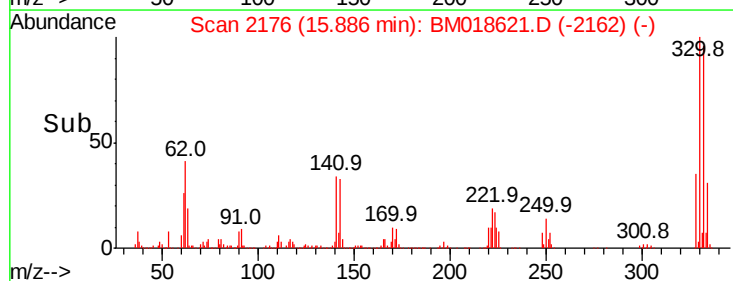
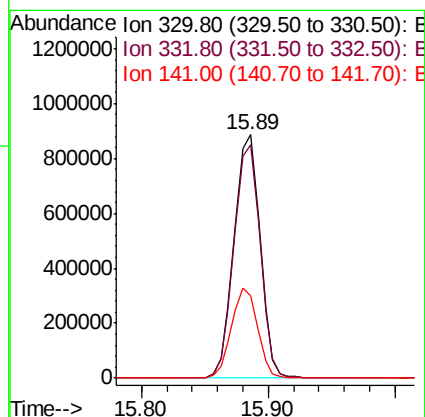
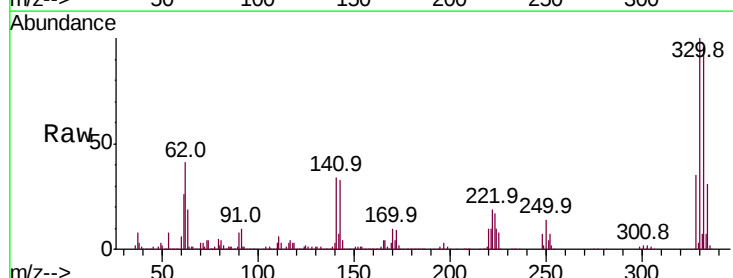
Instrument :
BNA_M
ClientSampleId :
S-9

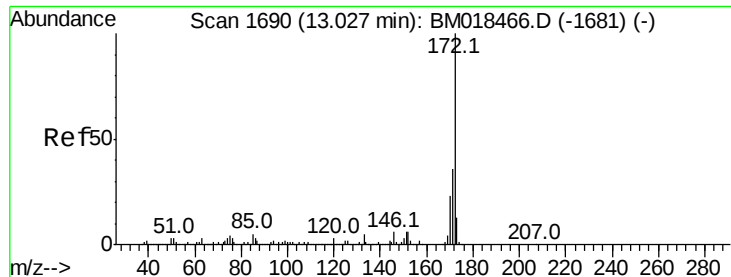
Tot Ion:164 Resp: 921577
Ion Ratio Lower Upper
164 100
162 102.5 83.0 124.4
160 45.3 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 107.509 ng
RT: 15.89 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BM018621.D
Acq: 17 Jan 2019 19:22

Tgt Ion:330 Resp: 1261537
Ion Ratio Lower Upper
330 100
332 96.5 77.6 116.4
141 36.9 31.7 47.5

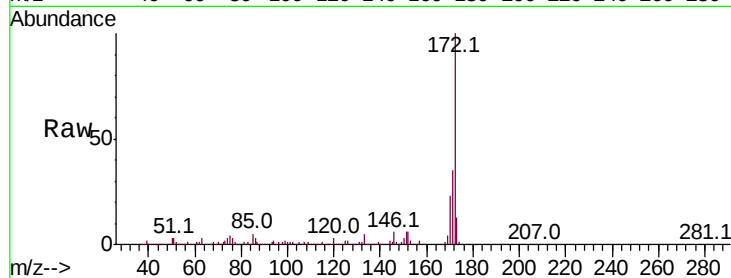




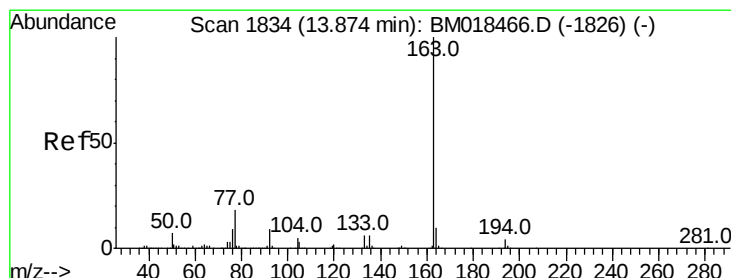
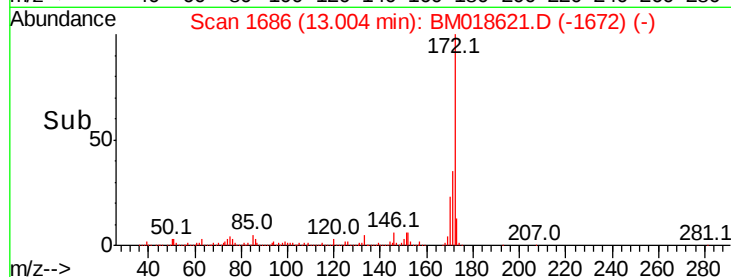
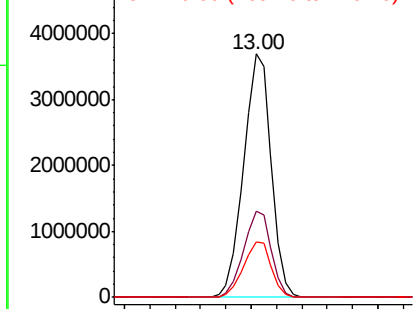
#45
2-Fluorobiphenyl
Concen: 78.866 ng
RT: 13.00 min Scan# 1686
Delta R.T. -0.02 min
Lab File: BM018621.D
Acq: 17 Jan 2019 19:22

Instrument :
BNA_M
ClientSampled :
S-9

Tot Ion:172 Resp: 5569983
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.0 18.9 28.3

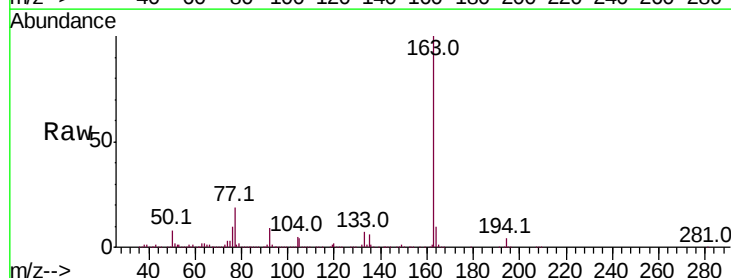


Abundance Ion 172.00 (171.70 to 172.70): E
5000000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

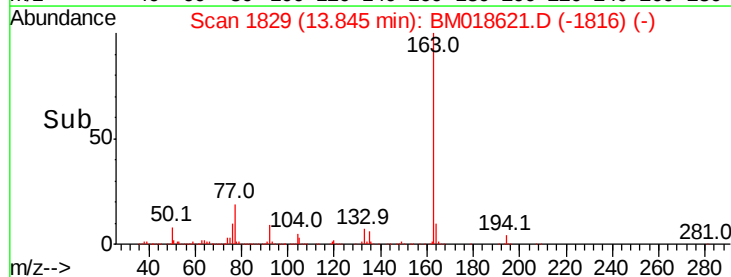
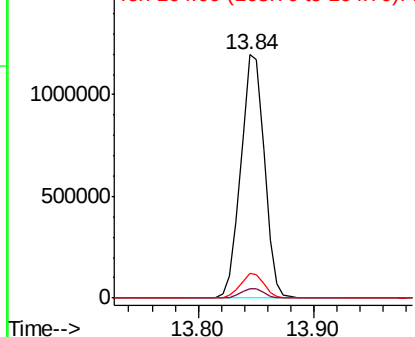


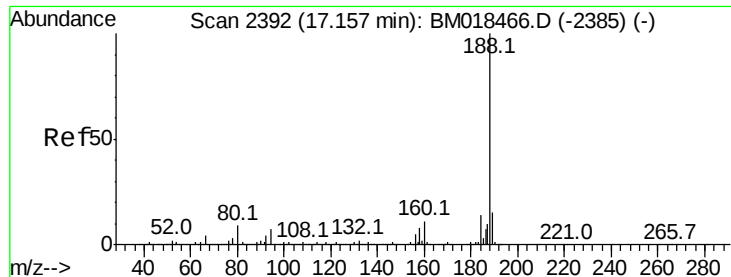
#50
Dimethylphthalate
Concen: 22.448 ng
RT: 13.84 min Scan# 1829
Delta R.T. -0.02 min
Lab File: BM018621.D
Acq: 17 Jan 2019 19:22

Tgt Ion:163 Resp: 1699010
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.3 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
1500000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

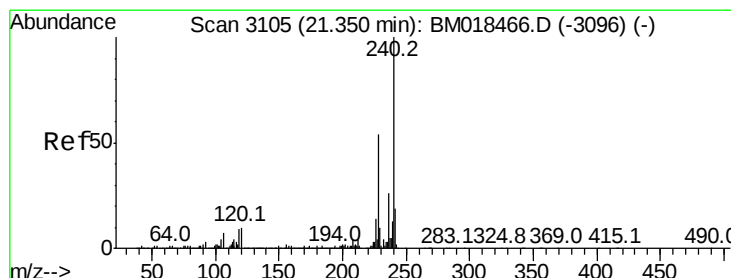
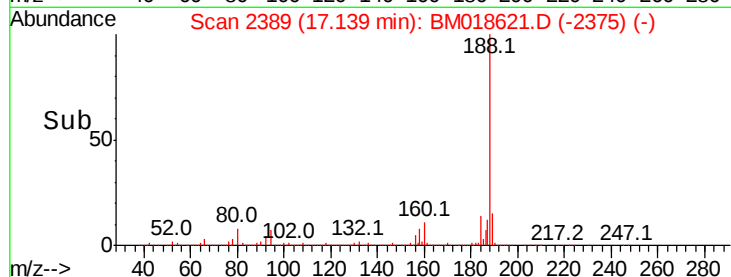
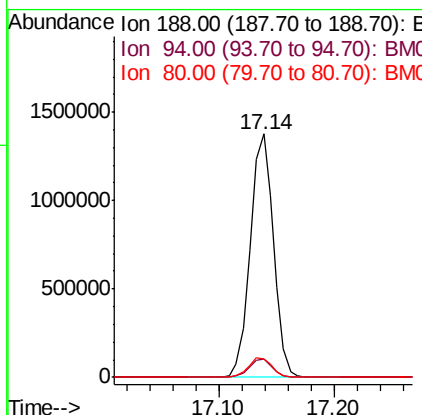
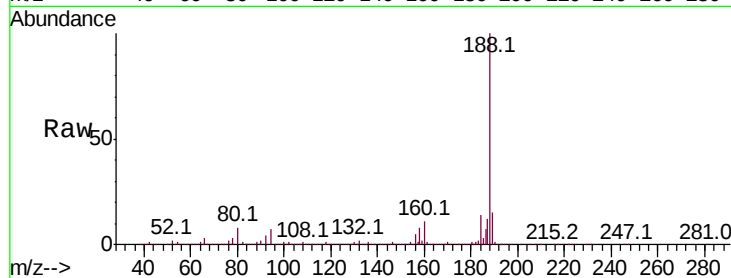




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2389
Delta R.T. -0.02 min
Lab File: BM018621.D
Acq: 17 Jan 2019 19:22

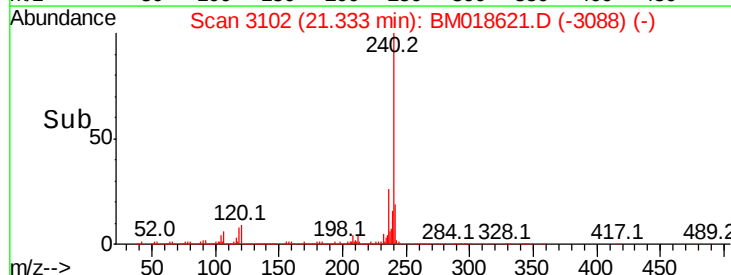
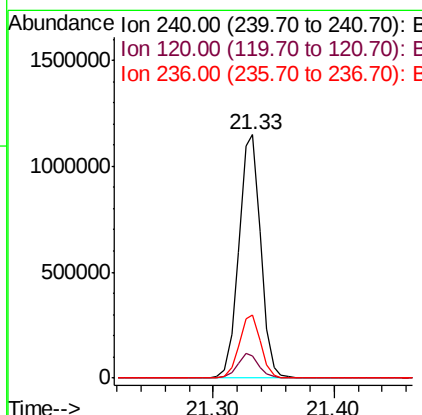
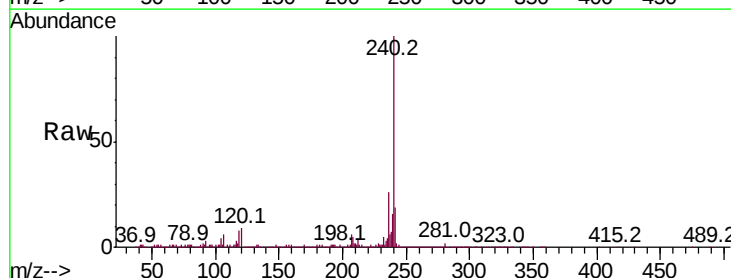
Instrument :
BNA_M
ClientSampleId :
S-9

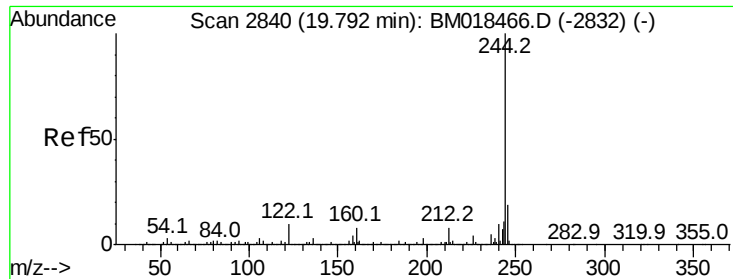
Tot Ion:188 Resp: 1922453
Ion Ratio Lower Upper
188 100
94 7.4 7.1 10.7
80 7.8 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.33 min Scan# 3102
Delta R.T. -0.02 min
Lab File: BM018621.D
Acq: 17 Jan 2019 19:22

Tgt Ion:240 Resp: 1444895
Ion Ratio Lower Upper
240 100
120 9.1 8.4 12.6
236 26.2 20.7 31.1



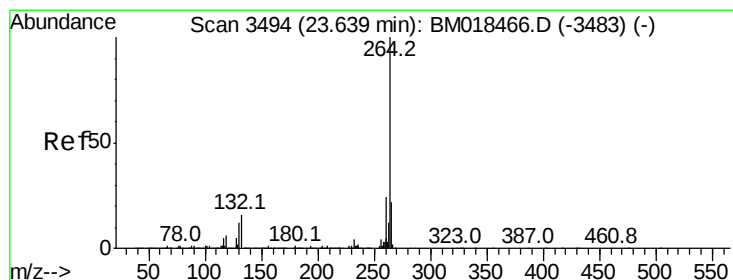
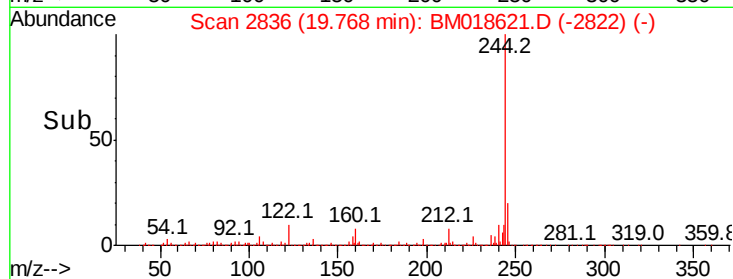
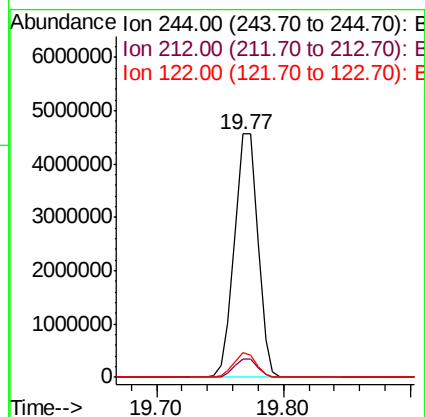
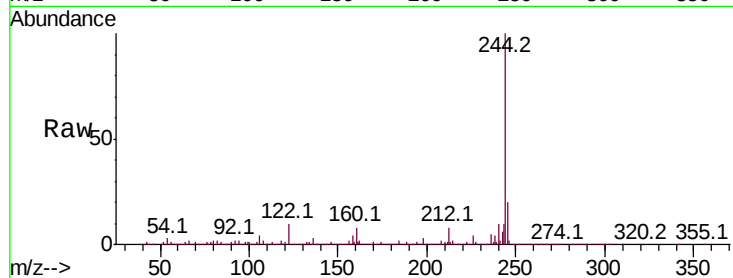


#79
 Terphenyl-d14
 Concen: 85.189 ng
 RT: 19.77 min Scan# 2836
 Delta R.T. -0.02 min
 Lab File: BM018621.D
 Acq: 17 Jan 2019 19:22

Instrument :
 BNA_M
 ClientSampleId :
 S-9

Tot Ion:244 Resp: 5839017

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	10.2	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.60 min Scan# 3488
 Delta R.T. -0.03 min
 Lab File: BM018621.D
 Acq: 17 Jan 2019 19:22

Tgt Ion:264 Resp: 1388595

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.9	28.3
265	22.1	16.8	25.2

