

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
 Data File : BM018619.D
 Acq On : 17 Jan 2019 18:11
 Operator : JU/SJ
 Sample : K1139-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-7

Quant Time: Jan 18 04:44:10 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

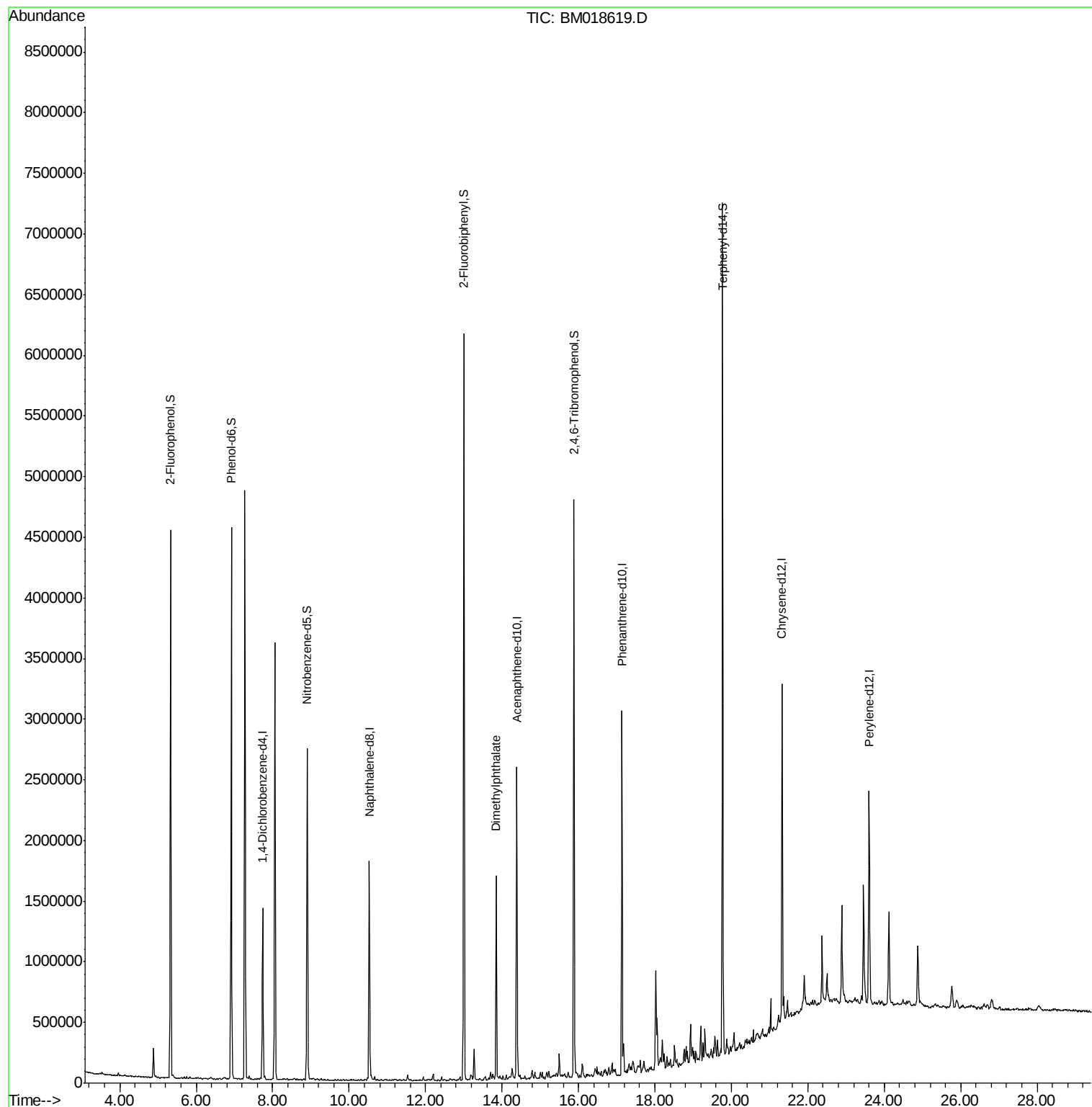
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	379357	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1515128	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	843914	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1743300	20.00	ng	-0.02
76) Chrysene-d12	21.33	240	1293507	20.00	ng	-0.02
87) Perylene-d12	23.60	264	1244324	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1876811	91.35	ng	-0.02
7) Phenol-d6	6.92	99	2446268	93.75	ng	-0.02
23) Nitrobenzene-d5	8.90	82	1520531	58.18	ng	-0.02
42) 2,4,6-Tribromophenol	15.88	330	818488	76.17	ng	-0.02
45) 2-Fluorobiphenyl	13.00	172	3223533	49.84	ng	-0.02
79) Terphenyl-d14	19.77	244	3174120	51.73	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.84	163	1056167	15.239	ng	Qvalue 99

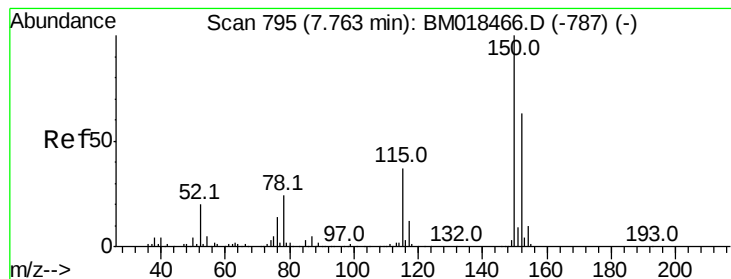
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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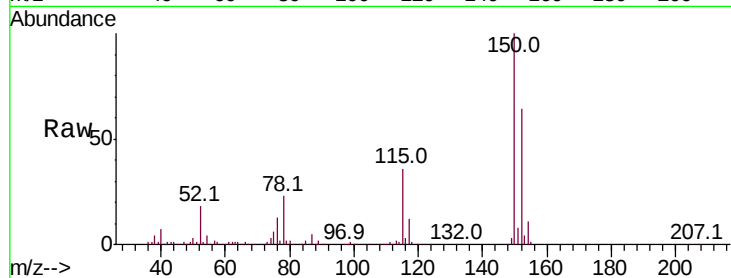


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM018619.D
Acq: 17 Jan 2019 18:11

Instrument :
BNA_M
ClientSampleId :
S-7

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.9	190.3
115	56.7	45.5	68.3

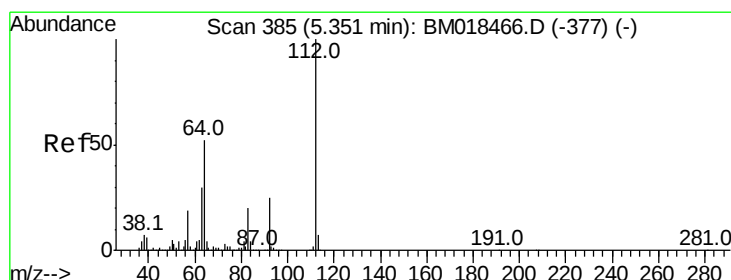
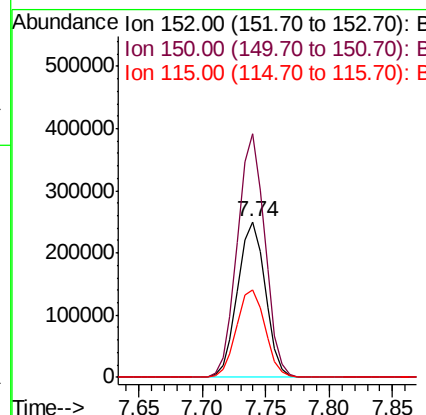
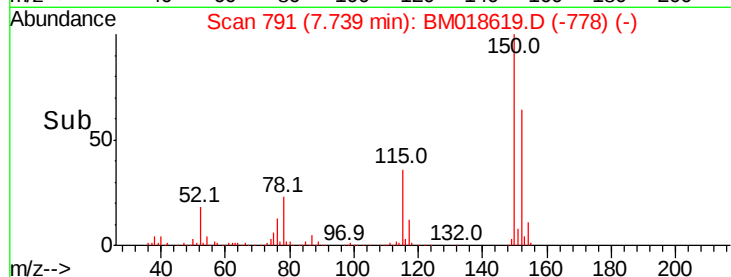


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

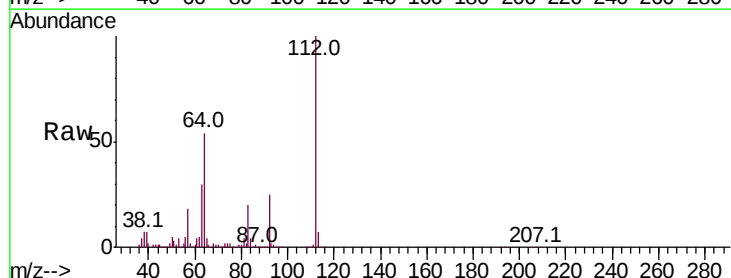
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 91.352 ng
RT: 5.33 min Scan# 381
Delta R.T. -0.02 min
Lab File: BM018619.D
Acq: 17 Jan 2019 18:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	46.5	69.7
63	29.9	25.2	37.8

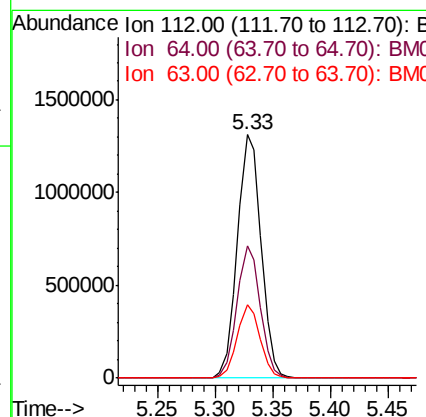
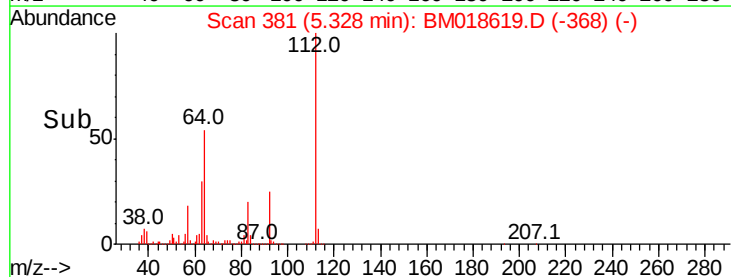


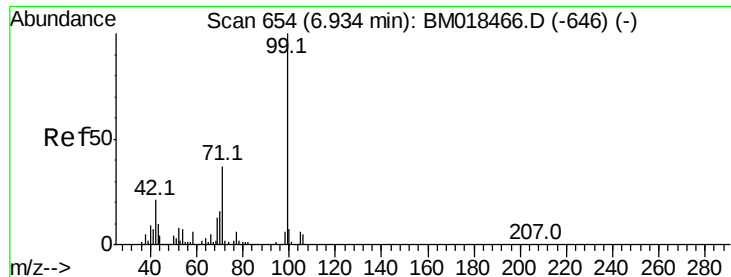
Abundance

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: 93.747 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM018619.D

Acq: 17 Jan 2019 18:11

Instrument :

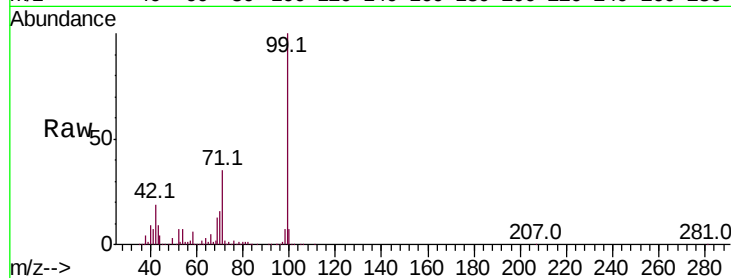
BNA_M

ClientSampleId :

S-7

Tot Ion: 99 Resp: 2446268

Ion	Ratio	Lower	Upper
99	100		
42	19.3	17.3	25.9
71	35.4	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) (-)

2000000

1500000

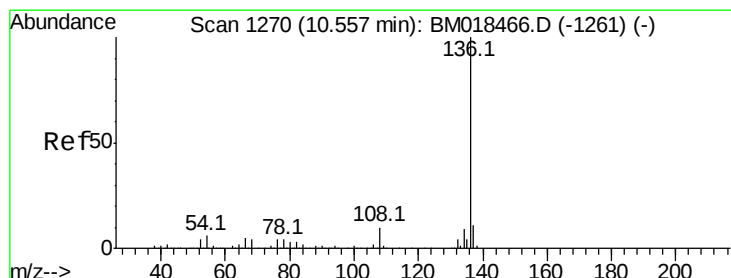
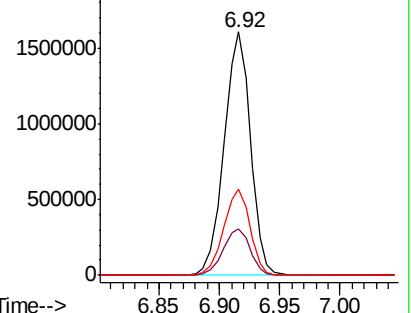
1000000

500000

0

6.85 6.90 6.95 7.00

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.53 min Scan# 1265

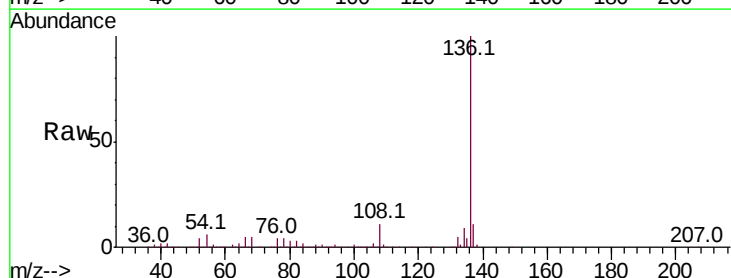
Delta R.T. -0.02 min

Lab File: BM018619.D

Acq: 17 Jan 2019 18:11

Tgt Ion: 136 Resp: 1515128

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	6.4	6.0	9.0
68	4.8	4.5	6.7



Abundance

Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM018466.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM018466.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM018466.D (-1261) (-)

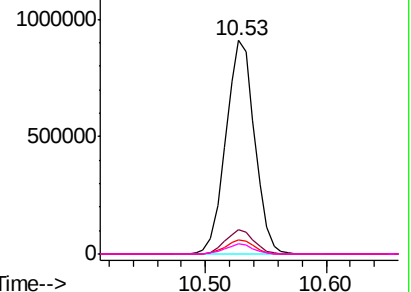
1000000

500000

0

10.50 10.53 10.56

Time-->





#23

Nitrobenzene-d5

Concen: 58.178 ng

RT: 8.90 min Scan# 989

Delta R.T. -0.02 min

Lab File: BM018619.D

Acq: 17 Jan 2019 18:11

Instrument :

BNA_M

ClientSampleId :

S-7

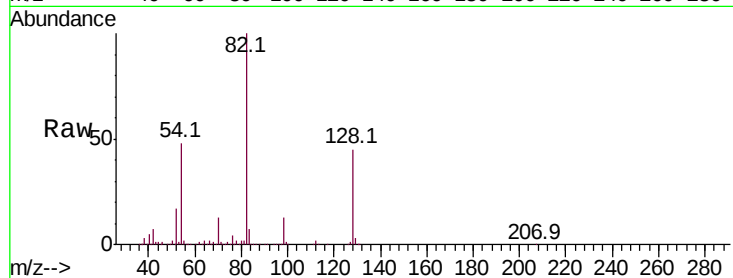
Tot Ion: 82 Resp: 1520531

Ion Ratio Lower Upper

82 100

128 45.3 36.3 54.5

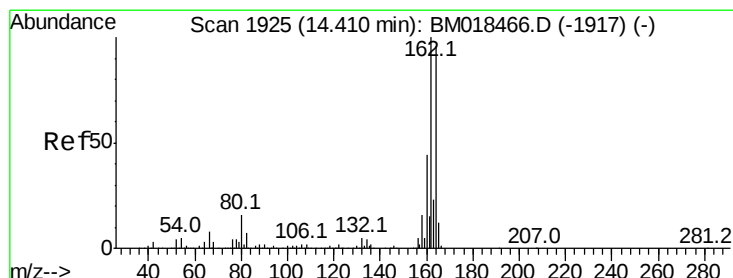
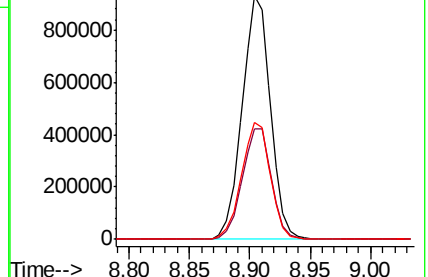
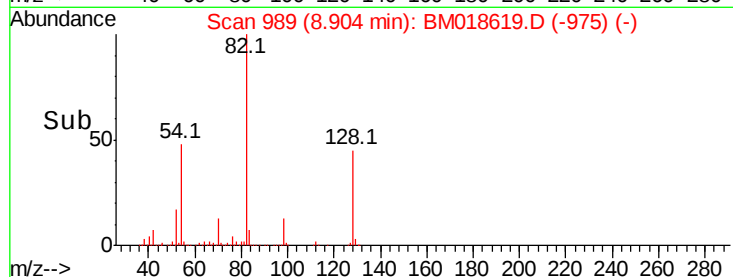
54 47.9 41.7 62.5



Abundance Ion 82.00 (81.70 to 82.70): BM018466.D (-985) (-)

Ion 128.00 (127.70 to 128.70): BM018466.D (-985) (-)

Ion 54.00 (53.70 to 54.70): BM018466.D (-985) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.39 min Scan# 1921

Delta R.T. -0.02 min

Lab File: BM018619.D

Acq: 17 Jan 2019 18:11

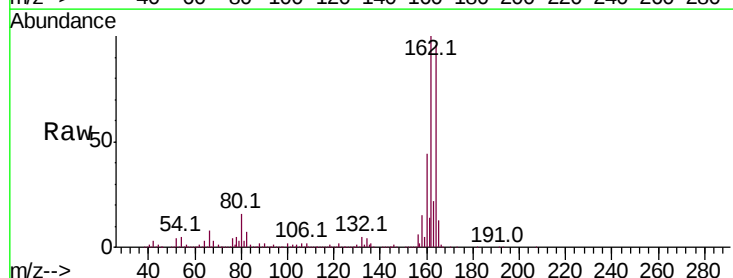
Tgt Ion: 164 Resp: 843914

Ion Ratio Lower Upper

164 100

162 104.1 83.0 124.4

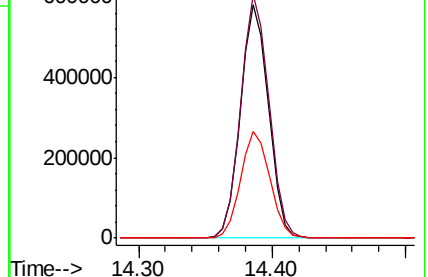
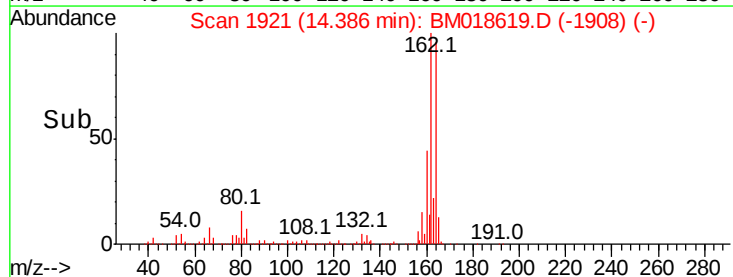
160 45.8 37.1 55.7

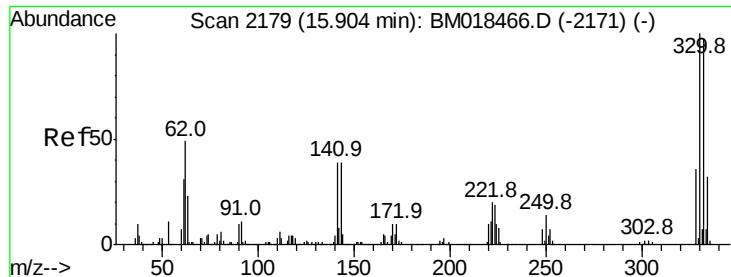


Abundance Ion 164.00 (163.70 to 164.70): BM018466.D (-1917) (-)

Ion 162.00 (161.70 to 162.70): BM018466.D (-1917) (-)

Ion 160.00 (159.70 to 160.70): BM018466.D (-1917) (-)

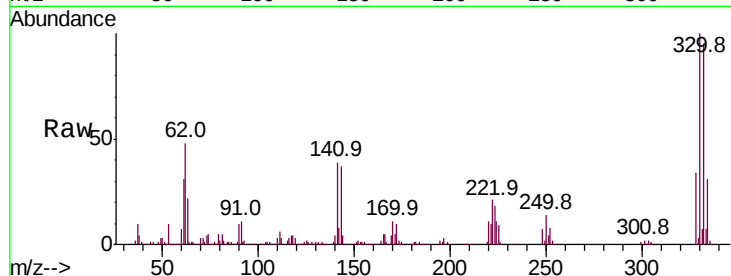




#42
 2,4,6-Tribromophenol
 Concen: 76.171 ng
 RT: 15.88 min Scan# 2175
 Delta R.T. -0.02 min
 Lab File: BM018619.D
 Acq: 17 Jan 2019 18:11

Instrument :
 BNA_M
 ClientSampled :
 S-7

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.6	116.4
141	37.4	31.7	47.5

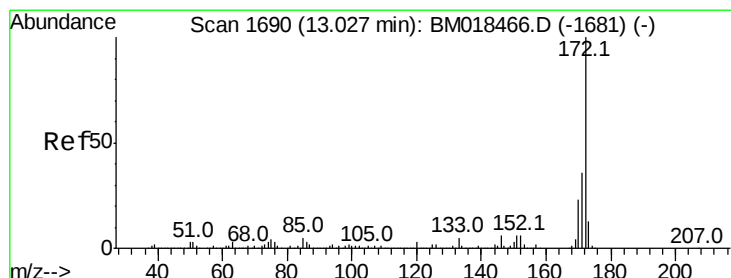
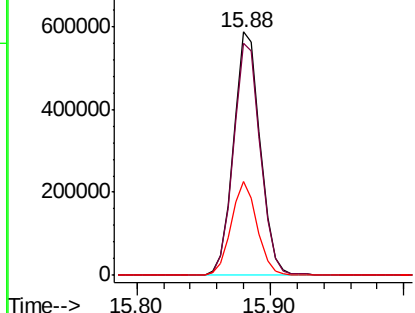
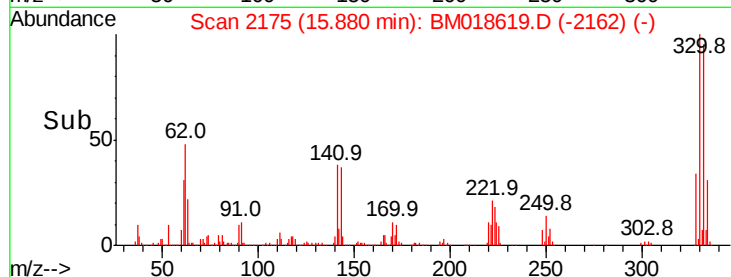


Abundance

Ion 329.80 (329.50 to 330.50): E

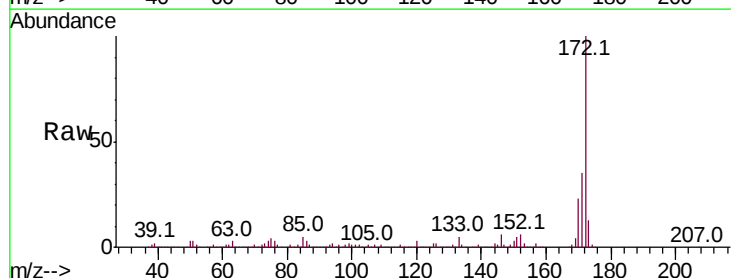
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 49.842 ng
 RT: 13.00 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BM018619.D
 Acq: 17 Jan 2019 18:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.4
170	23.1	18.9	28.3

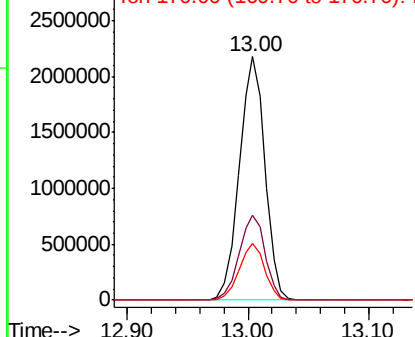
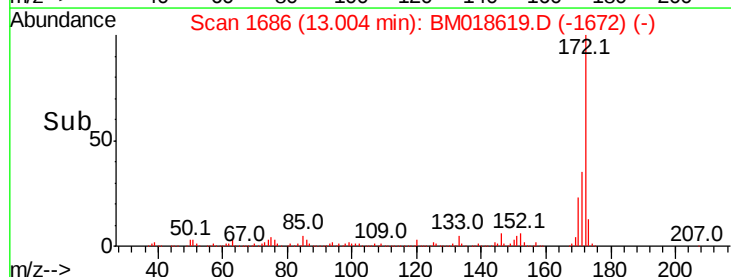


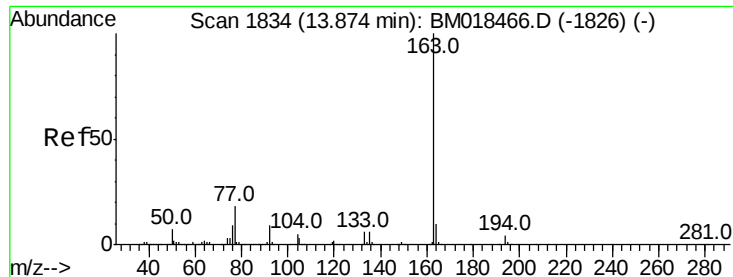
Abundance

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

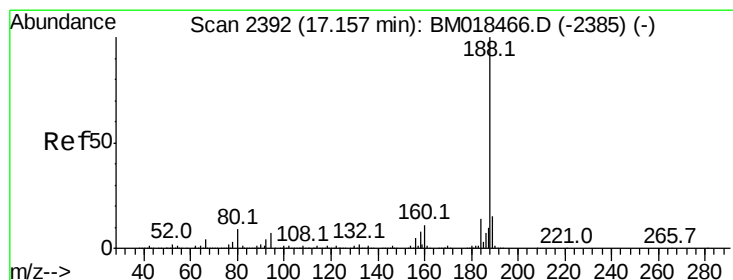
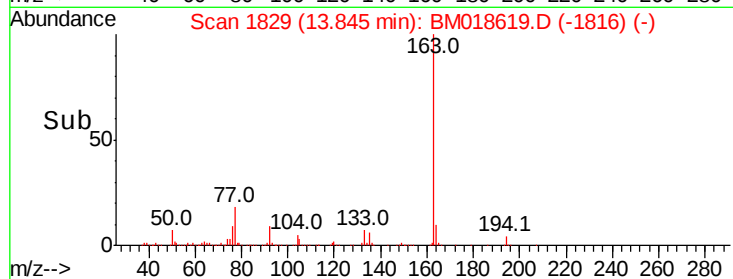
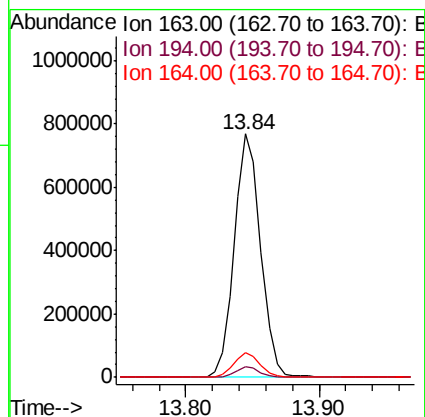
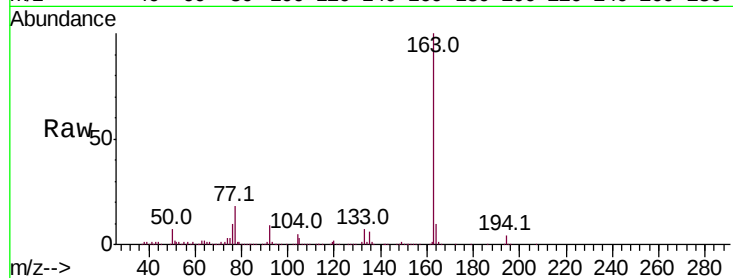




#50
Dimethylphthalate
Concen: 15.239 ng
RT: 13.84 min Scan# 1829
Delta R.T. -0.02 min
Lab File: BM018619.D
Acq: 17 Jan 2019 18:11

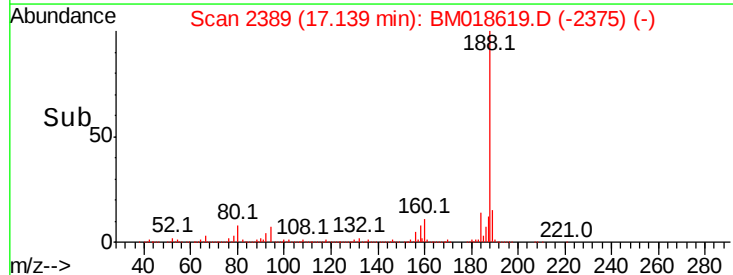
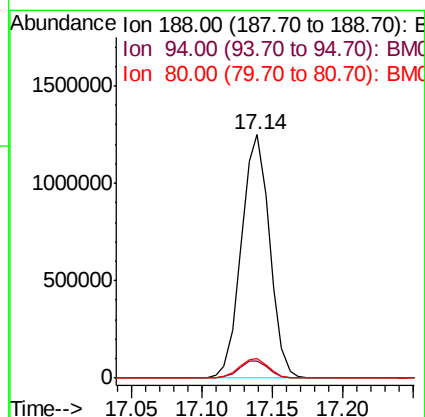
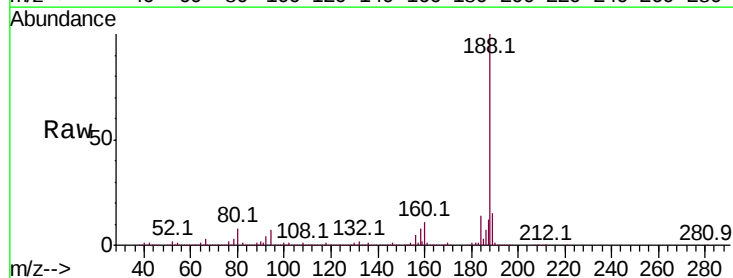
Instrument :
BNA_M
ClientSampleId :
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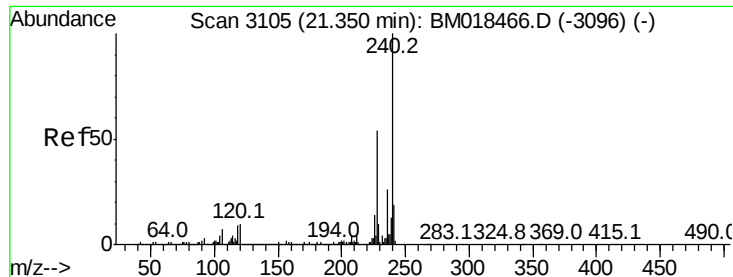
Tot Ion:163 Resp: 1056167
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 10.1 7.8 11.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2389
Delta R.T. -0.02 min
Lab File: BM018619.D
Acq: 17 Jan 2019 18:11

Tgt Ion:188 Resp: 1743300
Ion Ratio Lower Upper
188 100
94 7.2 7.1 10.7
80 8.0 7.6 11.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.33 min Scan# 3101

Delta R.T. -0.02 min

Lab File: BM018619.D

Acq: 17 Jan 2019 18:11

Instrument :

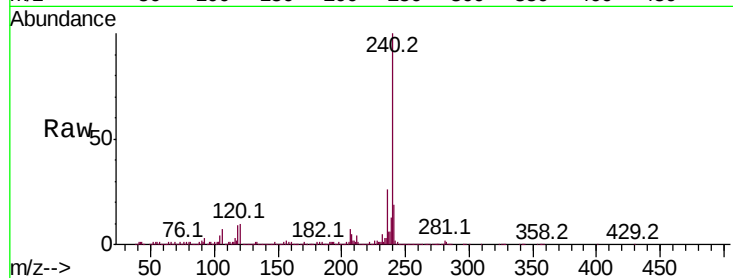
BNA_M

ClientSampled :

S-7

Tot Ion:240 Resp: 1293507

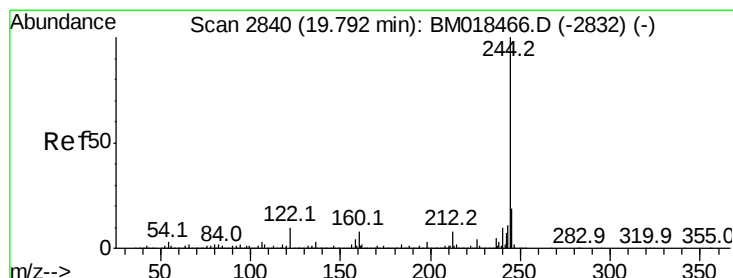
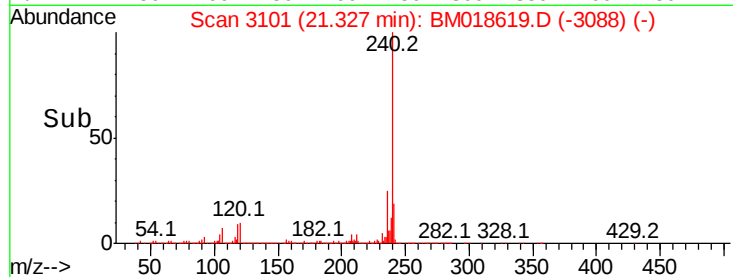
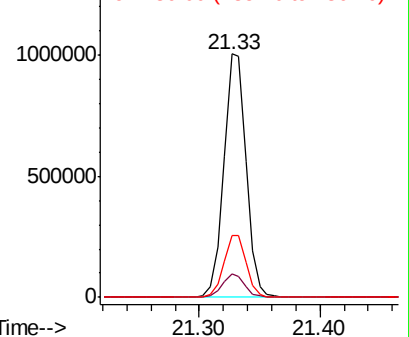
Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.4	12.6
236	25.6	20.7	31.1



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: 51.729 ng

RT: 19.77 min Scan# 2836

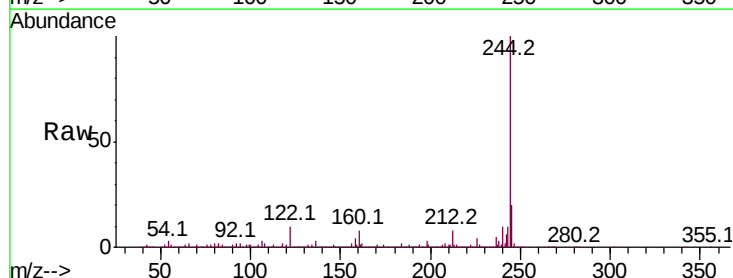
Delta R.T. -0.02 min

Lab File: BM018619.D

Acq: 17 Jan 2019 18:11

Tgt Ion:244 Resp: 3174120

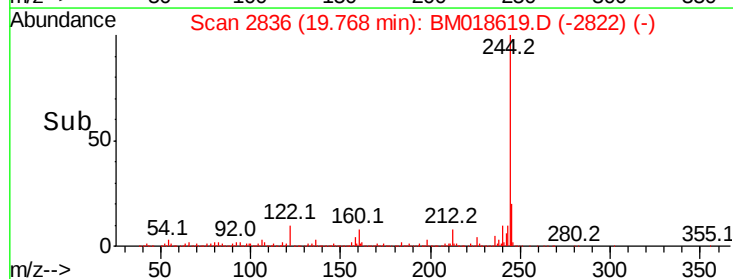
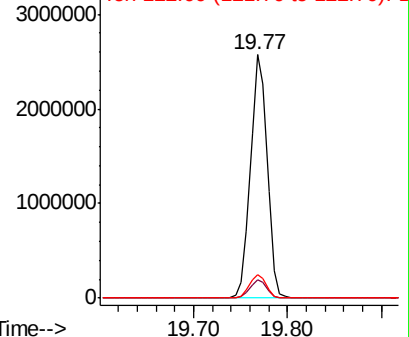
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	9.8	9.0	13.4

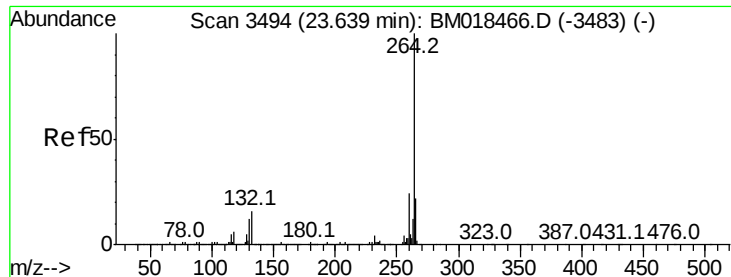


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.60 min Scan# 3488
Delta R.T. -0.03 min
Lab File: BM018619.D
Acq: 17 Jan 2019 18:11

Instrument :
BNA_M
ClientSampleId :
S-7

Tot Ion:264 Resp: 1244324

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	22.5	16.8	25.2

