

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030819\
 Data File : BM019082.D
 Acq On : 08 Mar 2019 20:17
 Operator : JU/SJ
 Sample : K1807-33
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 08 23:47:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 03:36:13 2019
 Response via : Initial Calibration

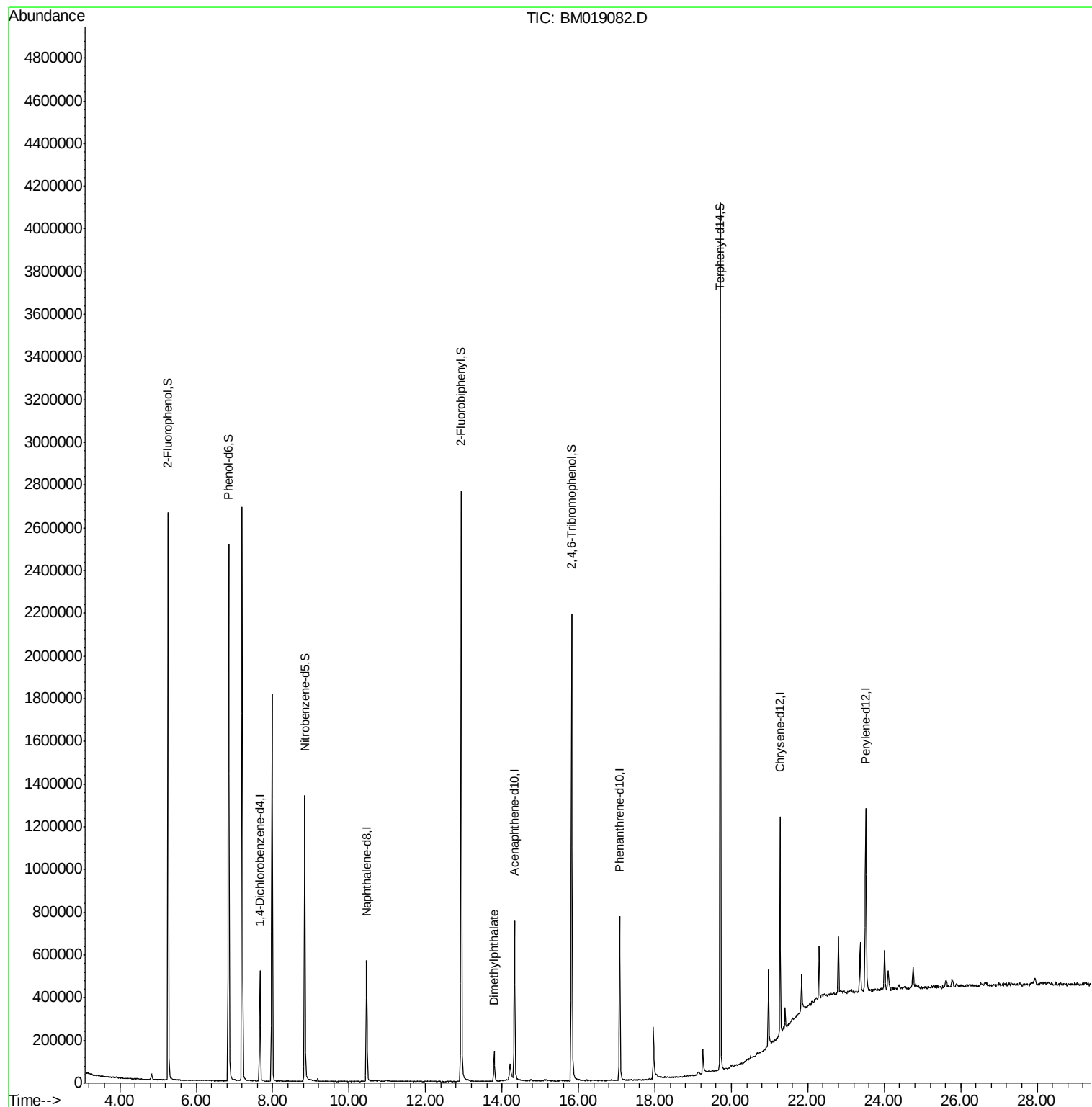
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	136279	20.00	ng	-0.01
21) Naphthalene-d8	10.46	136	486203	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	248047	20.00	ng	-0.01
64) Phenanthrene-d10	17.08	188	489784	20.00	ng	0.00
76) Chrysene-d12	21.27	240	491173	20.00	ng	-0.01
87) Perylene-d12	23.52	264	603400	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1096876	131.88	ng	-0.01
7) Phenol-d6	6.85	99	1459019	124.52	ng	-0.01
23) Nitrobenzene-d5	8.83	82	916670	87.18	ng	-0.02
42) 2,4,6-Tribromophenol	15.82	330	434067	121.40	ng	-0.01
45) 2-Fluorobiphenyl	12.93	172	1423478	76.18	ng	-0.02
79) Terphenyl-d14	19.71	244	1811566	76.08	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.85	77	3183	Below Cal	Qvalue #	7
50) Dimethylphthalate	13.79	163	111341	5.386 ng		98

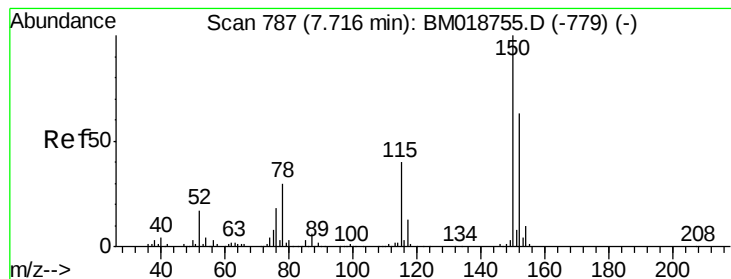
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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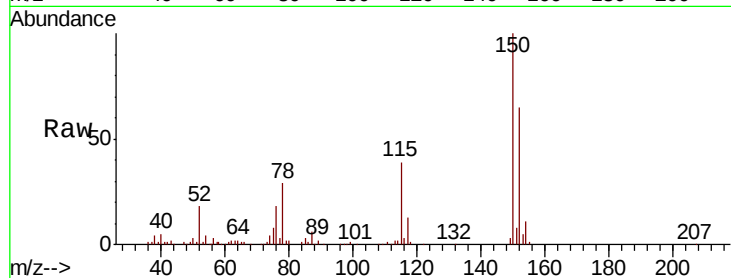


#1

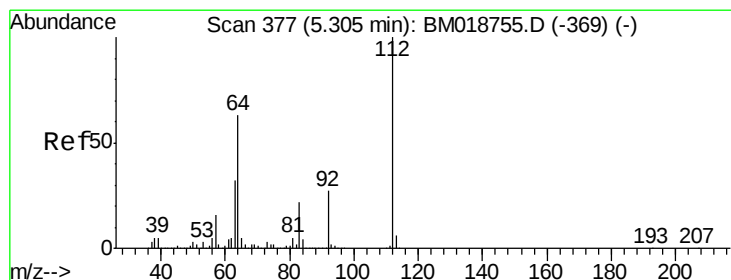
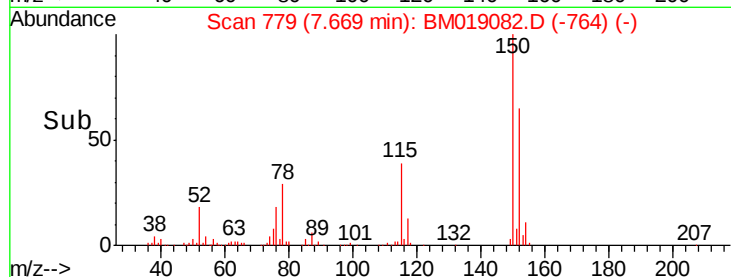
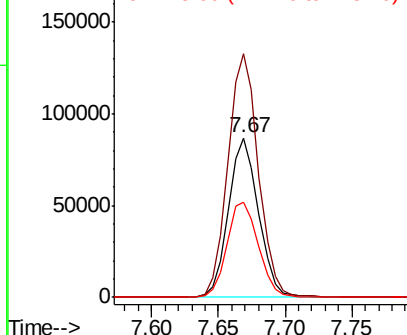
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BM019082.D
Acq: 08 Mar 2019 20:17

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 136279
Ion Ratio Lower Upper
152 100
150 152.9 127.3 190.9
115 60.1 50.8 76.2



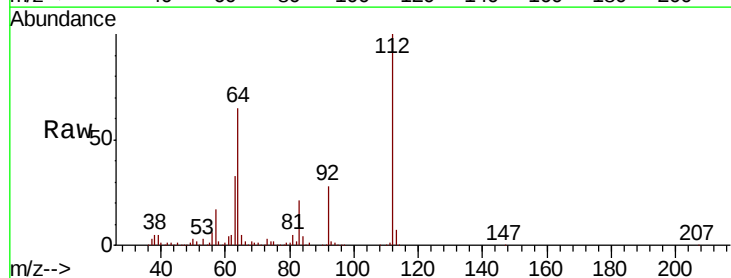
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



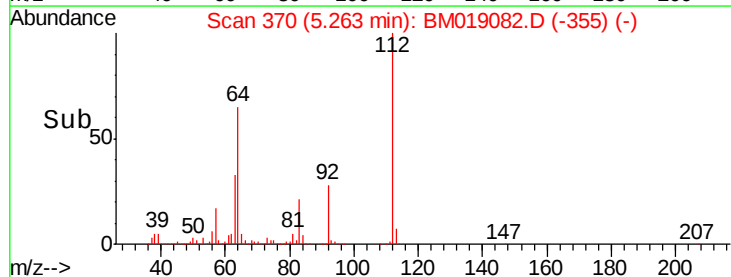
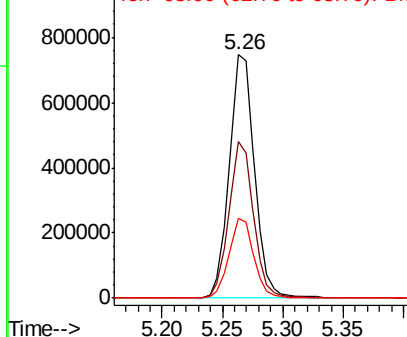
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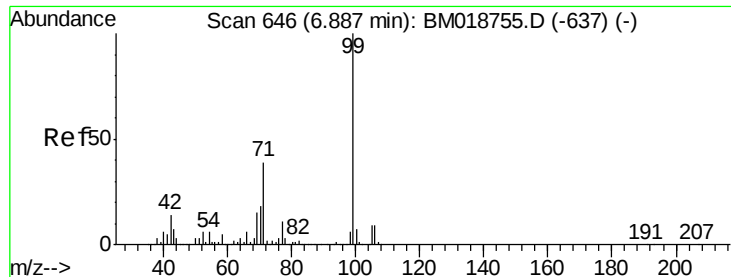
2-Fluorophenol
Concen: 131.877 ng
RT: 5.26 min Scan# 370
Delta R.T. -0.01 min
Lab File: BM019082.D
Acq: 08 Mar 2019 20:17

Tgt Ion:112 Resp: 1096876
Ion Ratio Lower Upper
112 100
64 64.5 50.6 75.8
63 32.6 25.7 38.5



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: 124.519 ng

RT: 6.85 min Scan# 639

Delta R.T. -0.01 min

Lab File: BM019082.D

Acq: 08 Mar 2019 20:17

Instrument :

BNA_M

ClientSampleId :

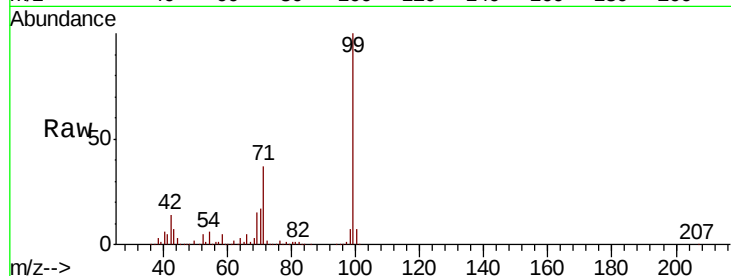
Tot Ion: 99 Resp: 1459019

Ion Ratio Lower Upper

99 100

42 13.8 11.0 16.6

71 37.1 31.3 46.9

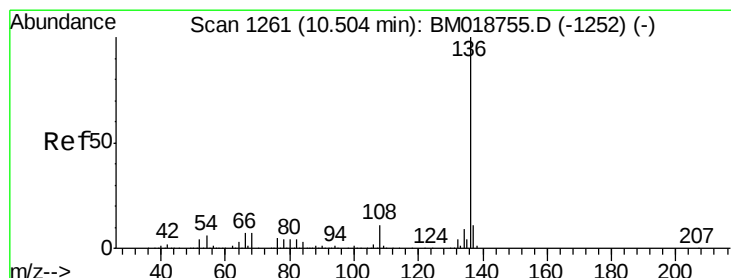
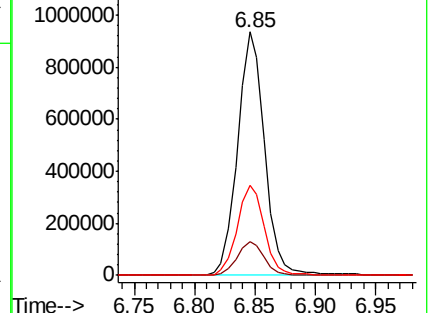
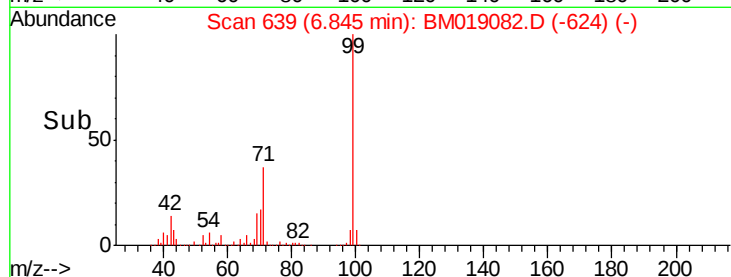


Abundance

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: 10.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BM019082.D

Acq: 08 Mar 2019 20:17

Tgt Ion: 136 Resp: 486203

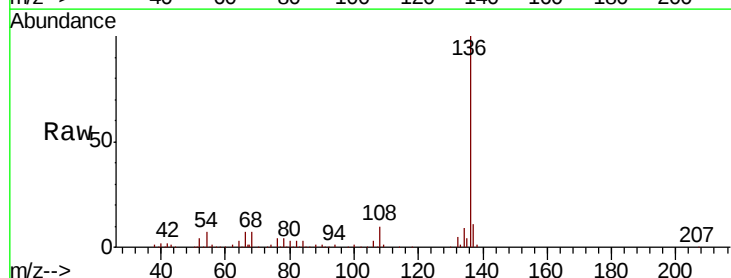
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 6.6 5.0 7.6

68 7.2 5.5 8.3



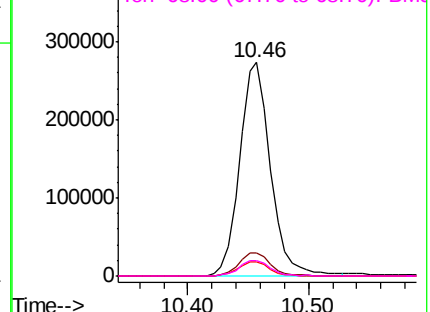
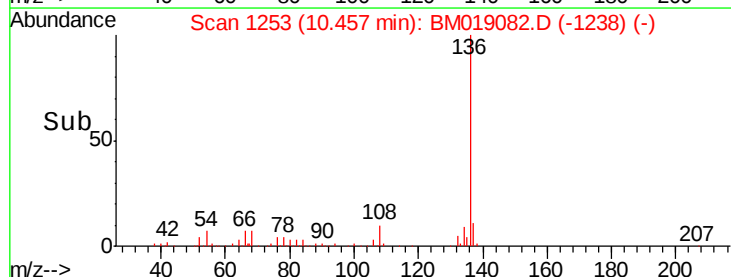
Abundance

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) (-)

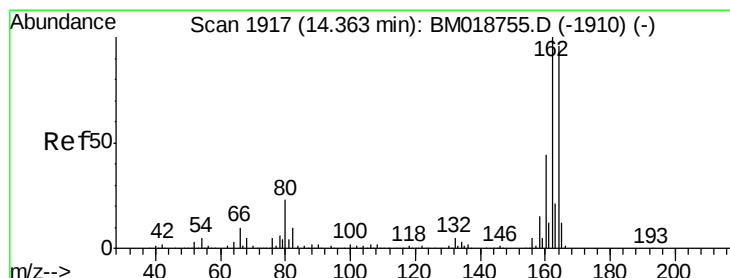
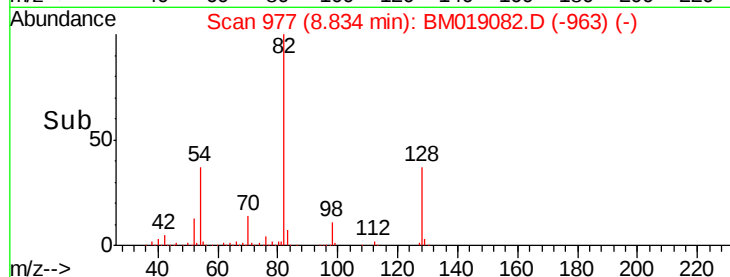
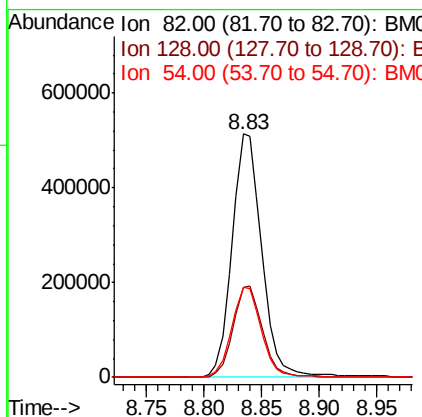
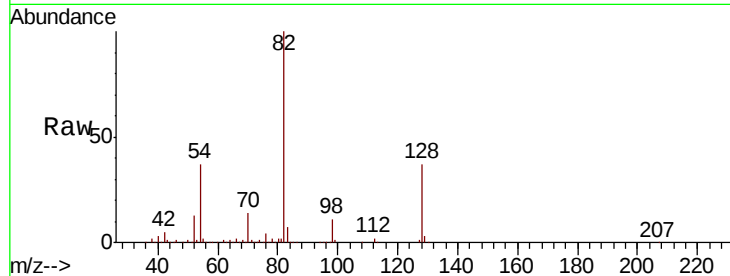




#23
Nitrobenzene-d5
Concen: 87.177 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.02 min
Lab File: BM019082.D
Acq: 08 Mar 2019 20:17

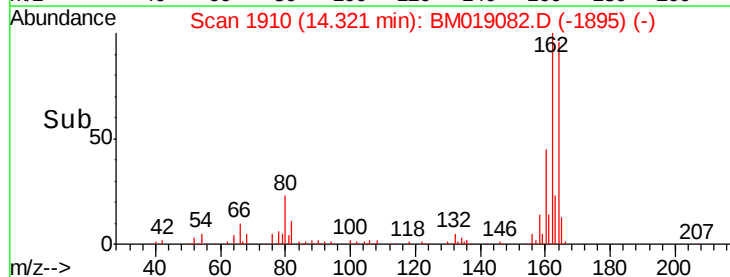
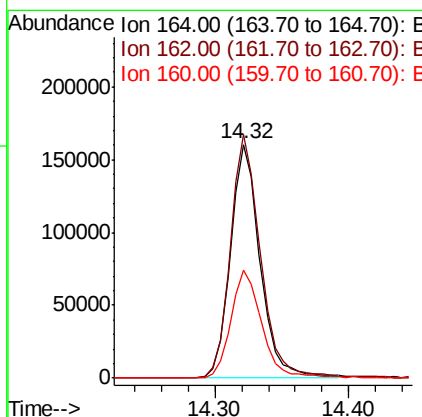
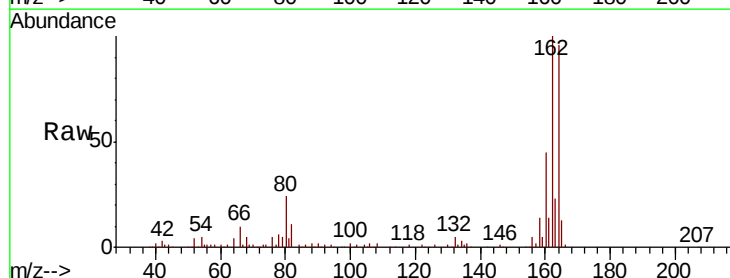
Instrument :
BNA_M
ClientSampleId :

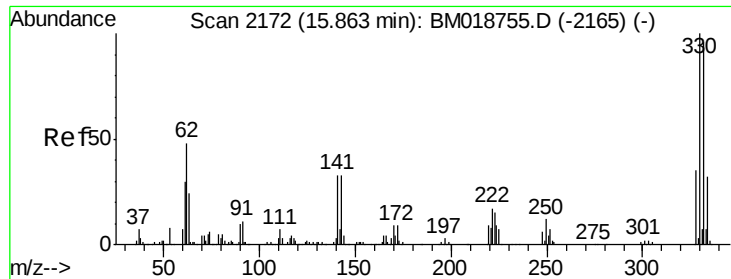
Tot Ion	82	Resp	916670
Ion Ratio	Lower	Upper	
82	100		
128	36.8	29.9	44.9
54	36.7	29.1	43.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM019082.D
Acq: 08 Mar 2019 20:17

Tgt Ion	164	Resp	248047
Ion Ratio	Lower	Upper	
164	100		
162	104.3	83.4	125.0
160	46.5	36.6	55.0





#42

2,4,6-Tribromophenol

Concen: 121.399 ng

RT: 15.82 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BM019082.D

Acq: 08 Mar 2019 20:17

Instrument :

BNA_M

ClientSampleId :

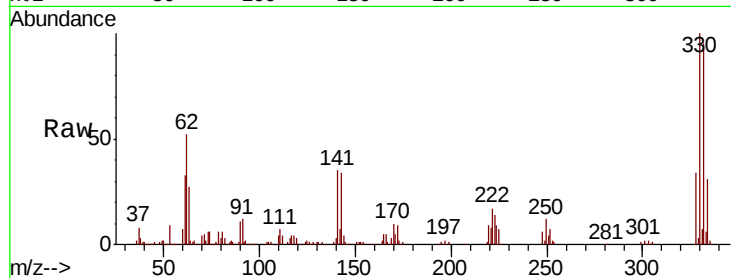
Tot Ion:330 Resp: 434067

Ion Ratio Lower Upper

330 100

332 96.3 76.9 115.3

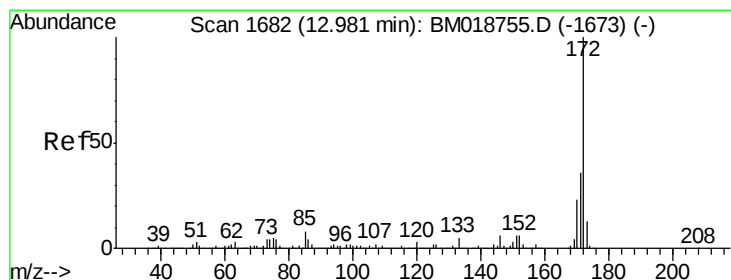
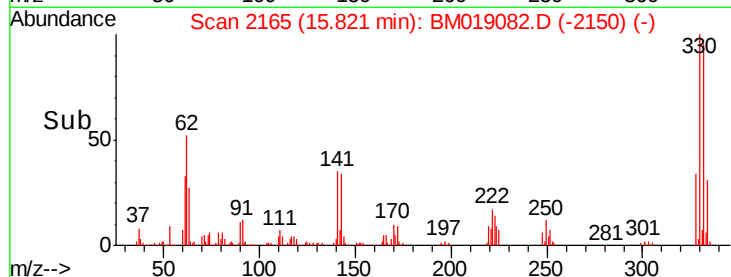
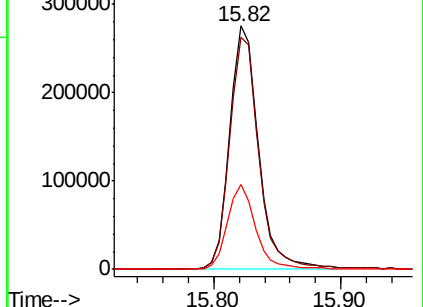
141 34.2 28.7 43.1



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: 76.180 ng

RT: 12.93 min Scan# 1674

Delta R.T. -0.02 min

Lab File: BM019082.D

Acq: 08 Mar 2019 20:17

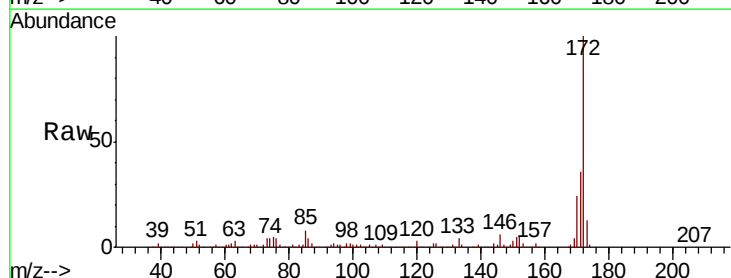
Tgt Ion:172 Resp: 1423478

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

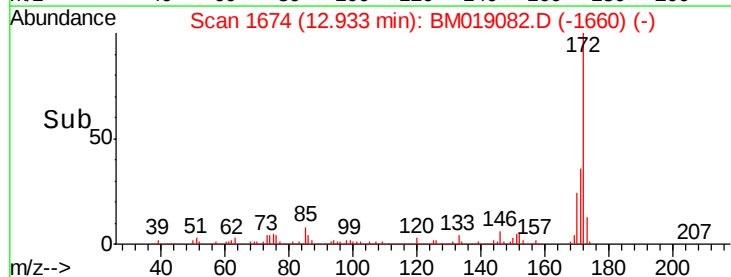
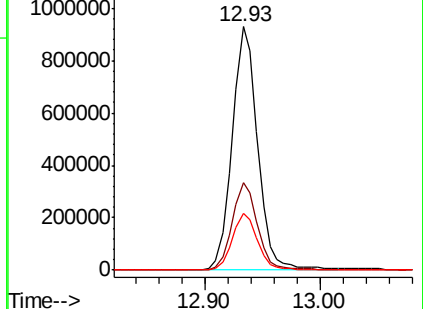
170 23.5 18.6 28.0

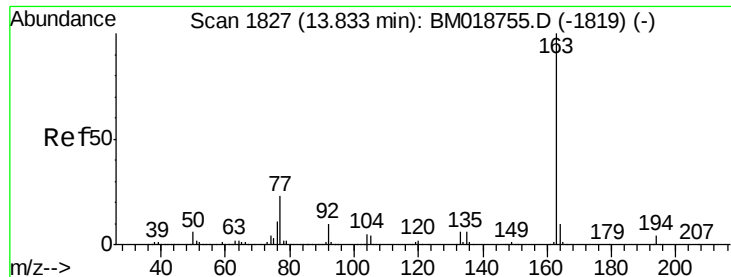


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

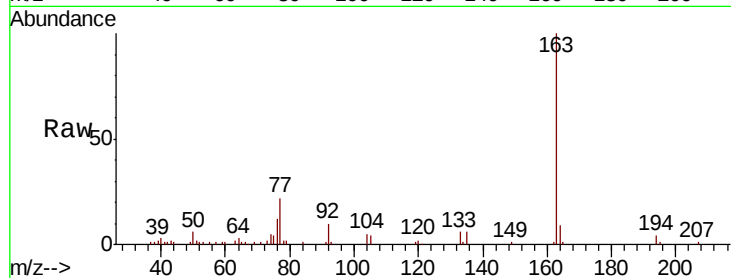




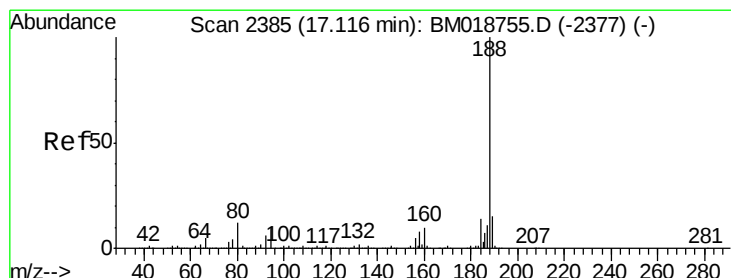
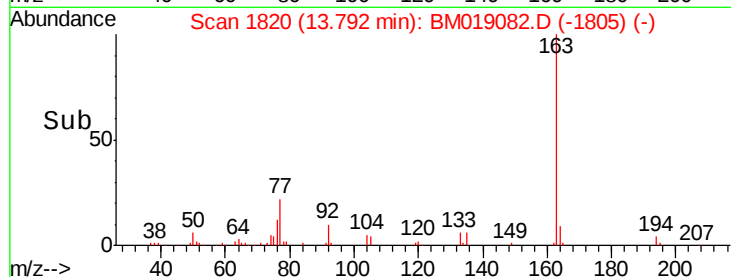
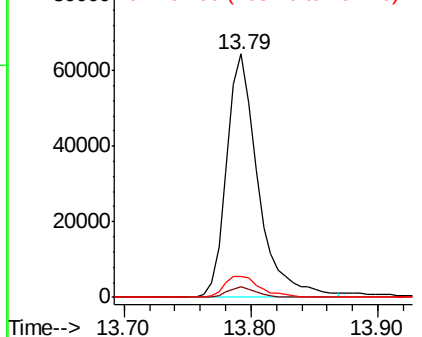
#50
Dimethylphthalate
Concen: 5.386 ng
RT: 13.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BM019082.D
Acq: 08 Mar 2019 20:17

Instrument :
BNA_M
ClientSampleId :

Tot Ion:163 Resp: 111341
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 8.6 7.8 11.8

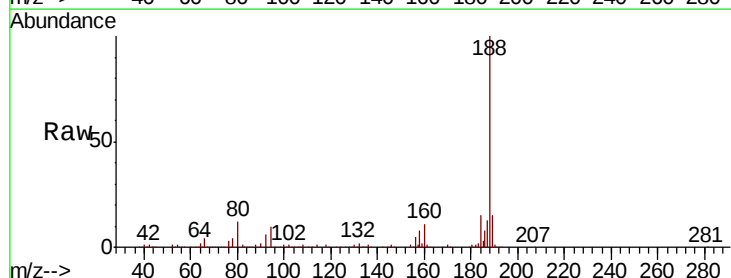


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

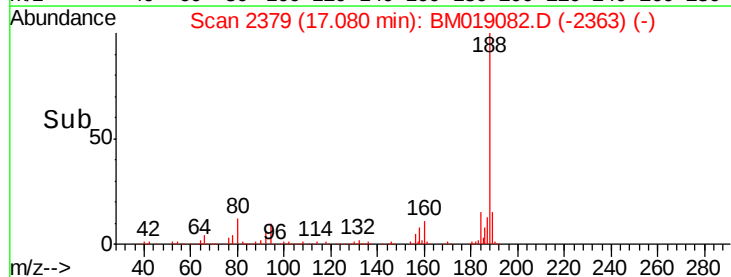
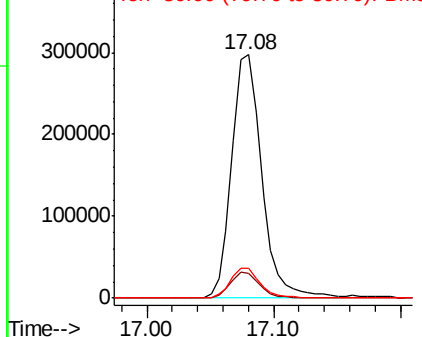


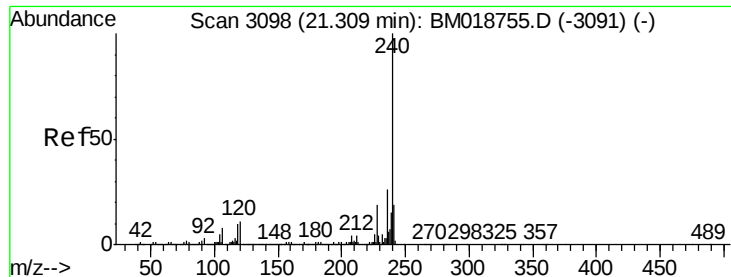
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM019082.D
Acq: 08 Mar 2019 20:17

Tgt Ion:188 Resp: 489784
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
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

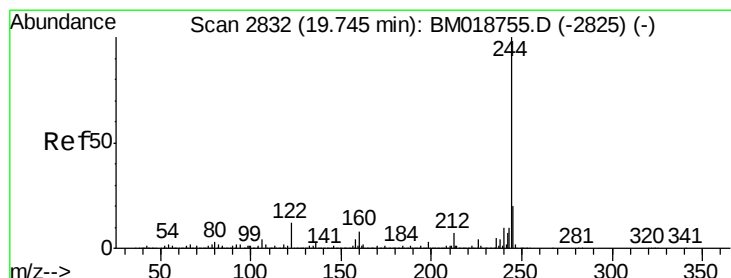
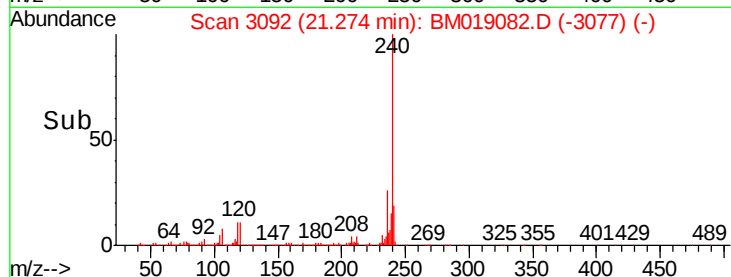
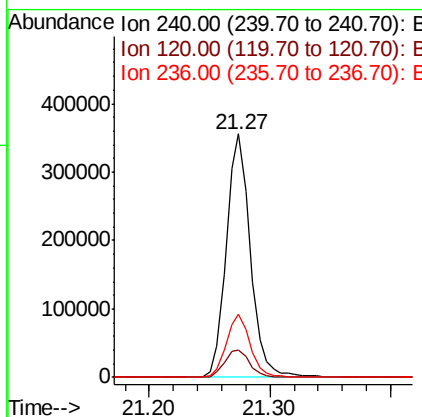
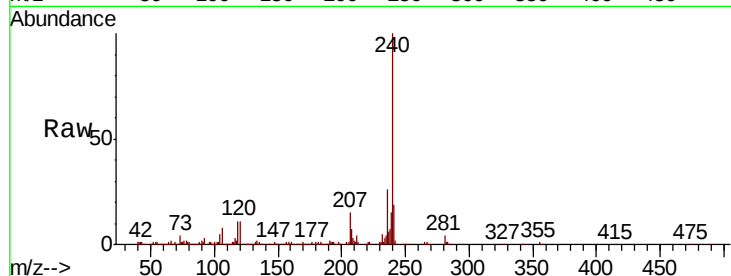




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.27 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM019082.D
 Acq: 08 Mar 2019 20:17

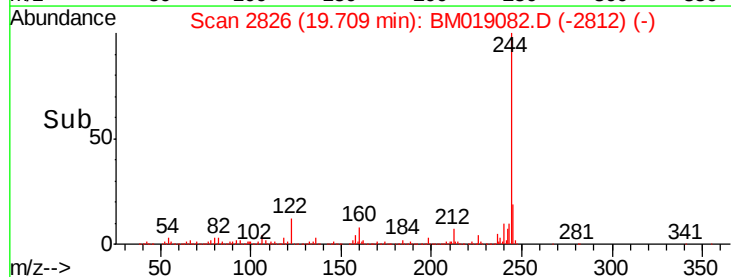
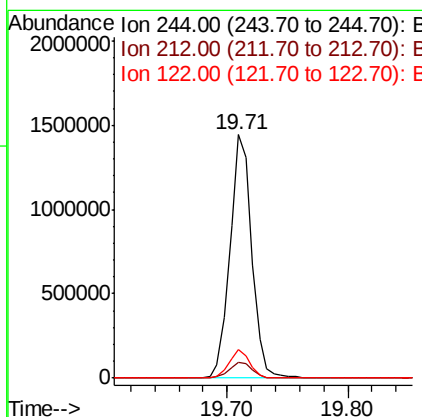
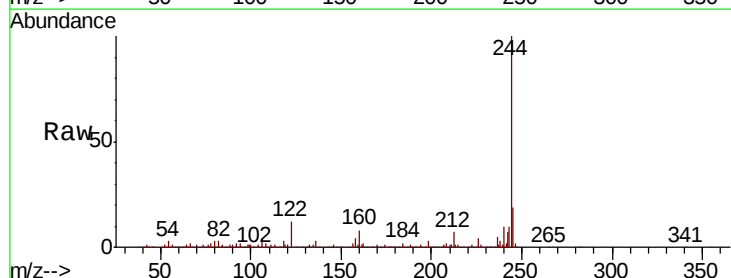
Instrument :
 BNA_M
 ClientSampleId :

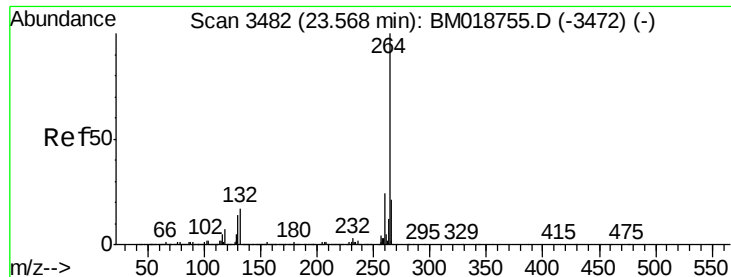
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.9	13.3
236	25.8	20.9	31.3



#79
 Terphenyl-d14
 Concen: 76.085 ng
 RT: 19.71 min Scan# 2826
 Delta R.T. -0.02 min
 Lab File: BM019082.D
 Acq: 08 Mar 2019 20:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	11.8	9.3	13.9





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.52 min Scan# 3473
Delta R.T. -0.02 min
Lab File: BM019082.D
Acq: 08 Mar 2019 20:17

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	22.5	17.3	25.9

