

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020419\
 Data File : BM018725.D
 Acq On : 04 Feb 2019 19:00
 Operator : JU/SJ
 Sample : K1299-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 0034-FIELD-BLANK

Quant Time: Feb 05 02:52:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 04 15:10:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	213936	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	781617	20.00	ng	0.00
39) Acenaphthene-d10	14.37	164	404785	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	885712	20.00	ng	0.00
76) Chrysene-d12	21.31	240	997085	20.00	ng	0.00
87) Perylene-d12	23.57	264	1071542	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	634639	54.78	ng	0.00
7) Phenol-d6	6.89	99	461970	31.39	ng	0.00
23) Nitrobenzene-d5	8.89	82	1205453	89.41	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	705522	136.89	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	2886819	93.06	ng	0.00
79) Terphenyl-d14	19.75	244	4145613	87.65	ng	0.00

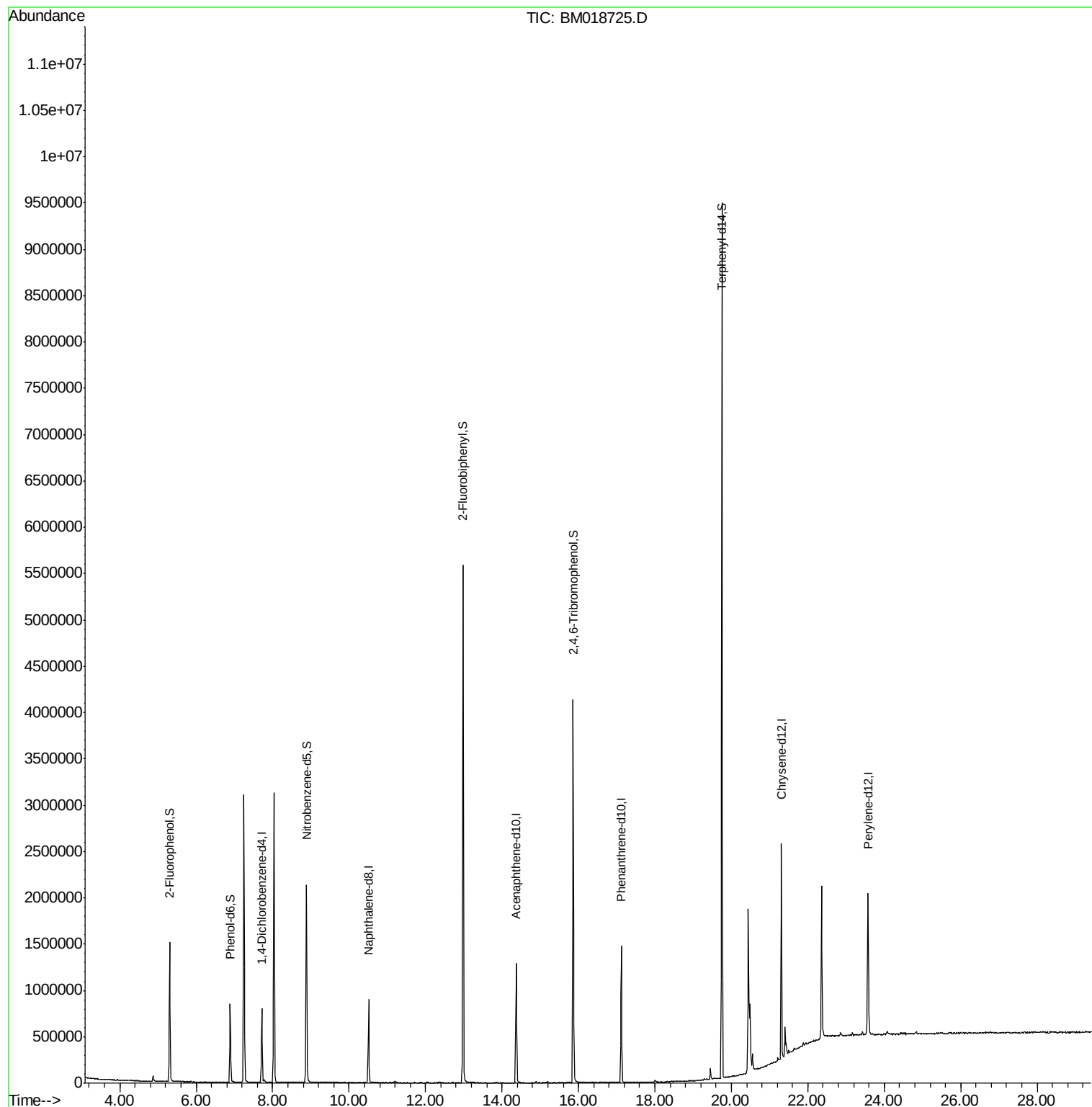
Target Compounds Qvalue

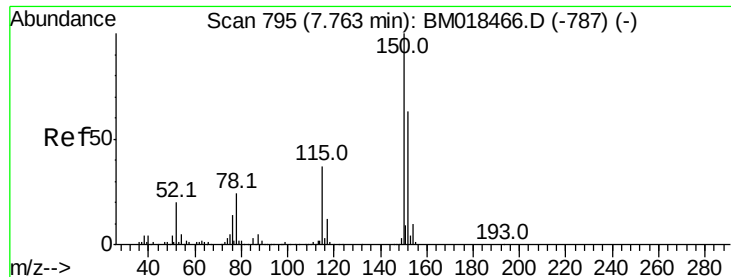
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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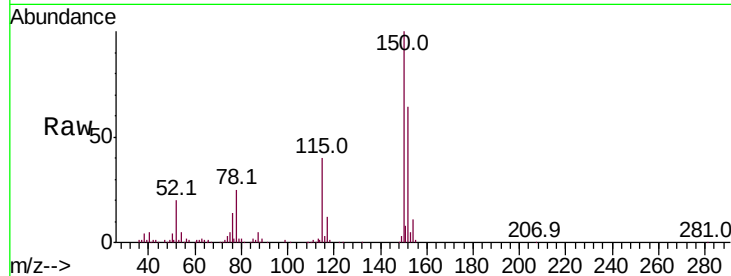


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM018725.D
Acq: 04 Feb 2019 19:00

Instrument :
BNA_M
ClientSampleId :
0034-FIELD-BLANK

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.9	190.3
115	61.9	45.5	68.3

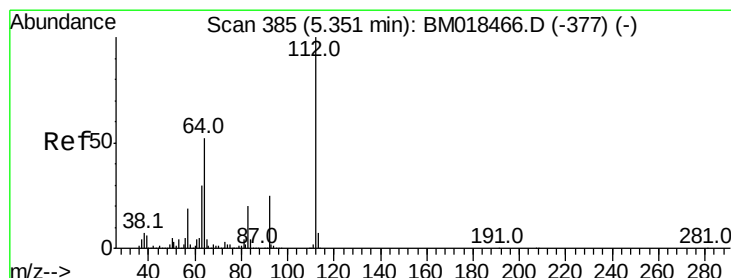
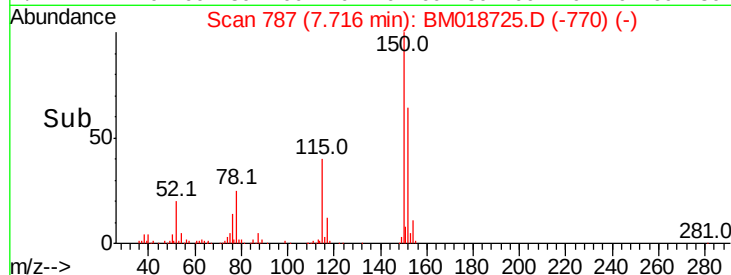
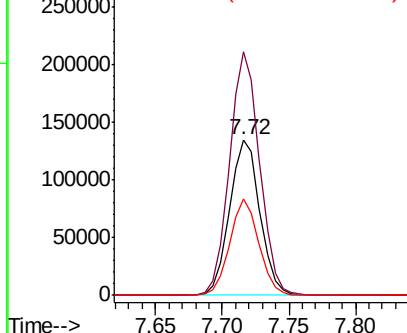


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

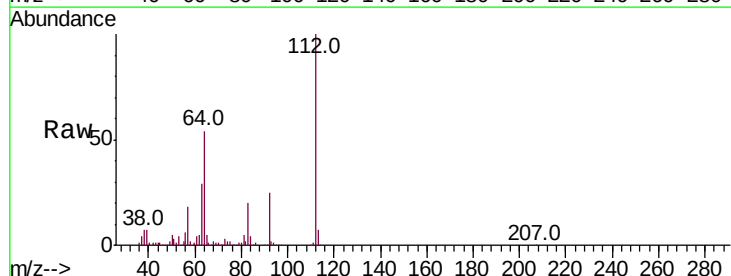
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 54.776 ng
RT: 5.30 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM018725.D
Acq: 04 Feb 2019 19:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.5	69.7
63	29.4	25.2	37.8

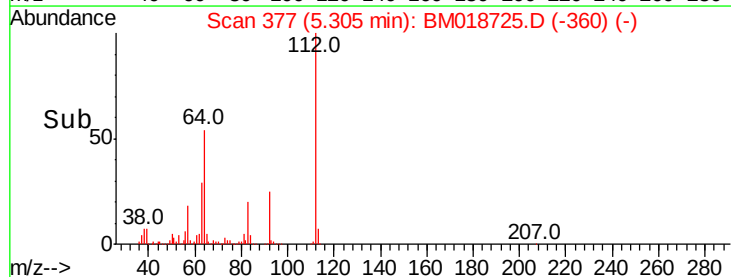
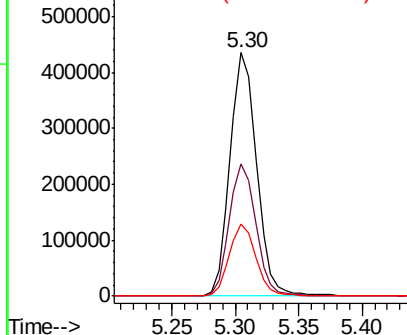


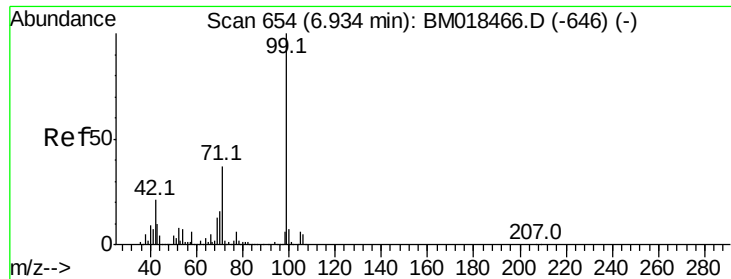
Abundance

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: 31.393 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM018725.D

Acq: 04 Feb 2019 19:00

Instrument :

BNA_M

ClientSampleId :

0034-FIELD-BLANK

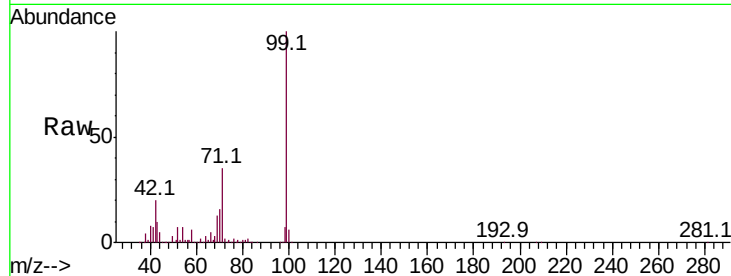
Tot Ion: 99 Resp: 461970

Ion Ratio Lower Upper

99 100

42 20.2 17.3 25.9

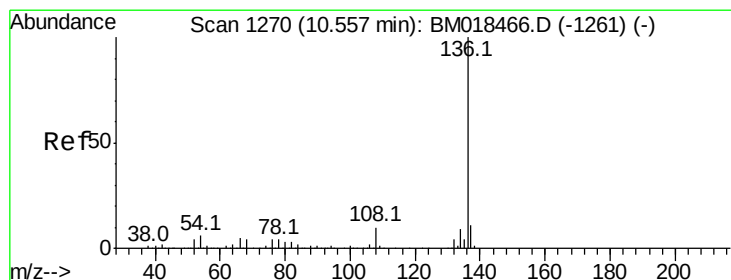
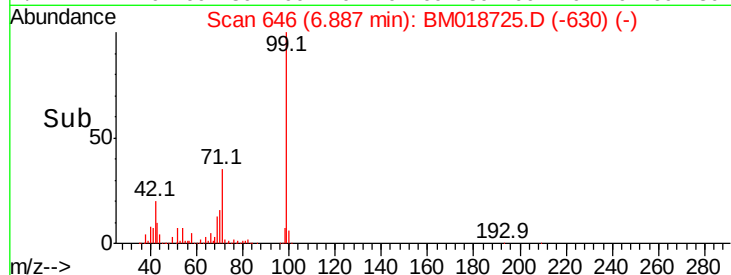
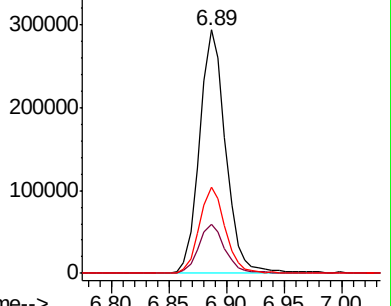
71 35.5 28.0 42.0



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.51 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BM018725.D

Acq: 04 Feb 2019 19:00

Tgt Ion: 136 Resp: 781617

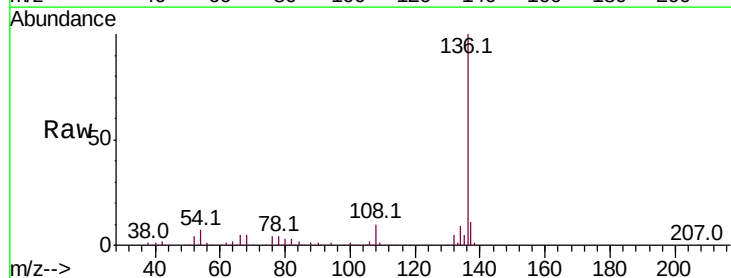
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.5 6.0 9.0

68 4.8 4.5 6.7

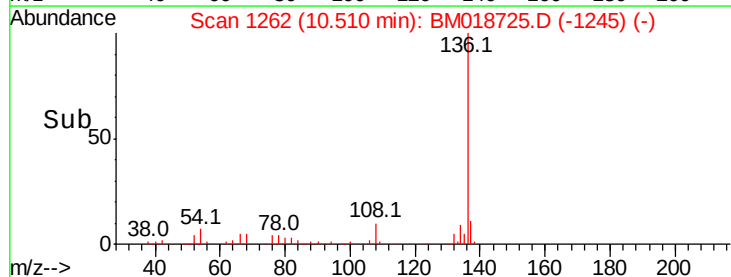
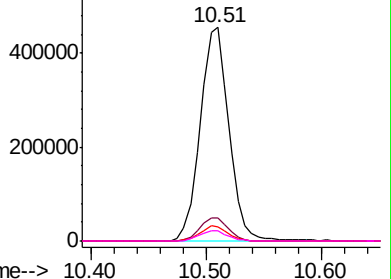


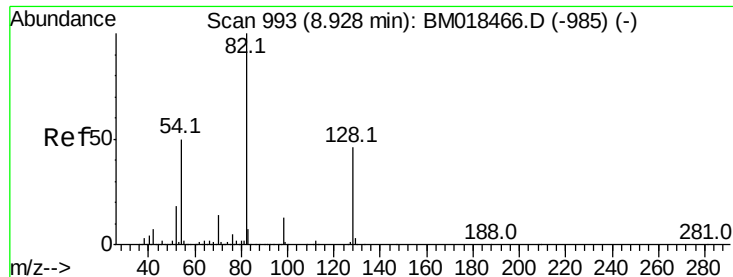
Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

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) (-)

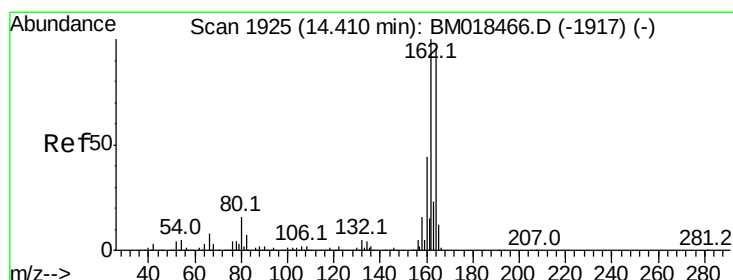
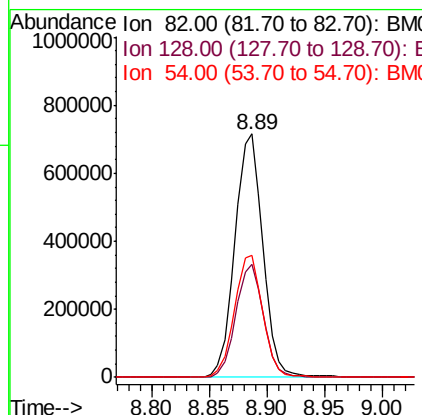
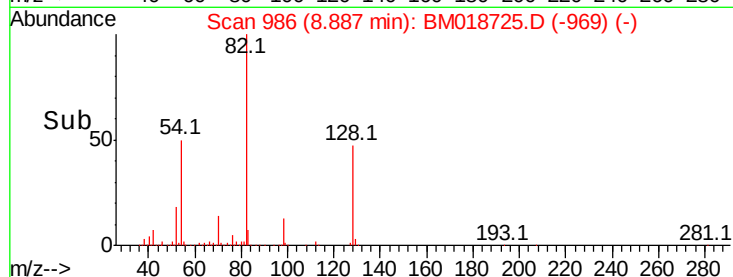
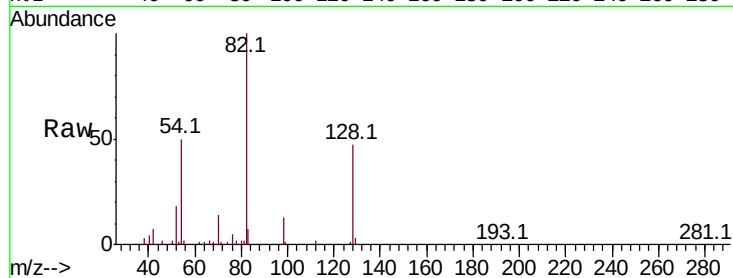




#23
Nitrobenzene-d5
Concen: 89.406 ng
RT: 8.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BM018725.D
Acq: 04 Feb 2019 19:00

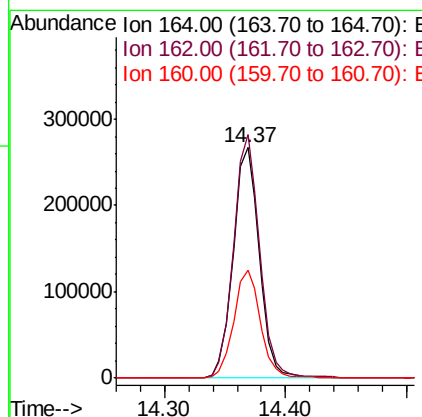
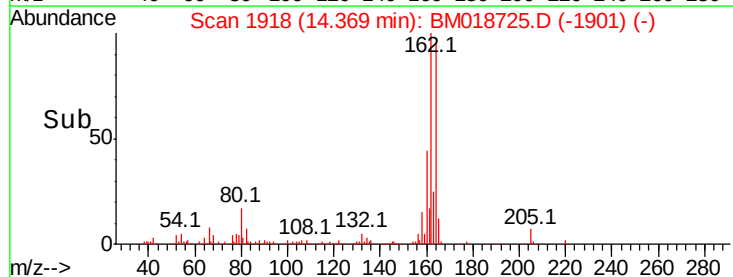
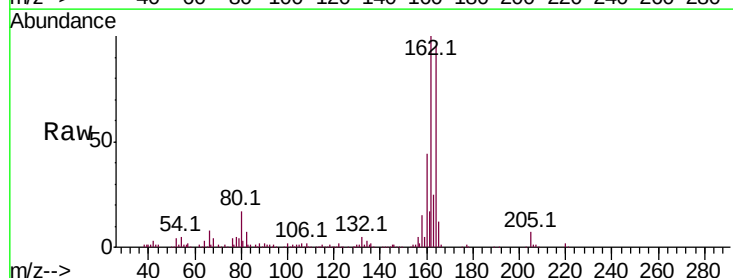
Instrument :
BNA_M
ClientSampleId :
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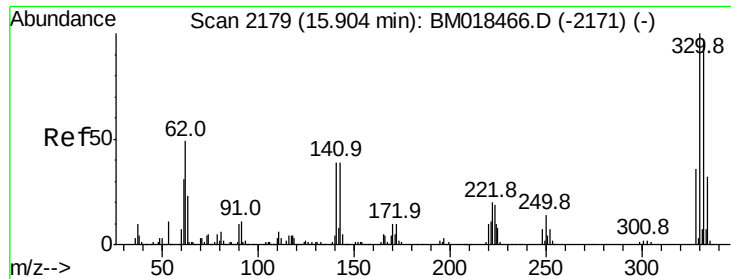
Tot Ion: 82 Resp: 1205453
Ion Ratio Lower Upper
82 100
128 46.6 36.3 54.5
54 50.2 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.37 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BM018725.D
Acq: 04 Feb 2019 19:00

Tgt Ion: 164 Resp: 404785
Ion Ratio Lower Upper
164 100
162 105.6 83.0 124.4
160 46.6 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 136.887 ng

RT: 15.86 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BM018725.D

Acq: 04 Feb 2019 19:00

Instrument :

BNA_M

ClientSampleId :

0034-FIELD-BLANK

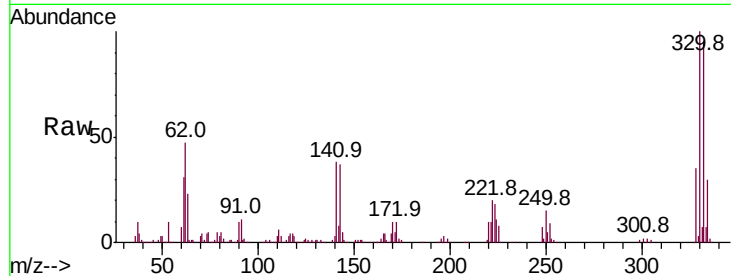
Tot Ion:330 Resp: 705522

Ion Ratio Lower Upper

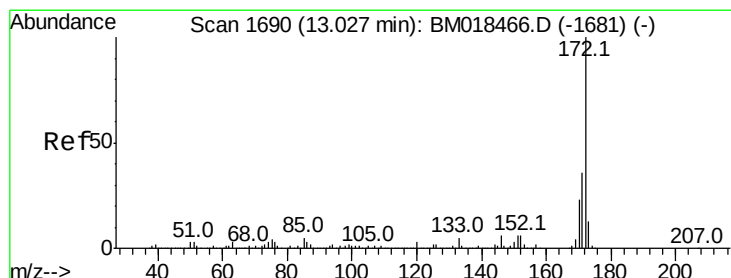
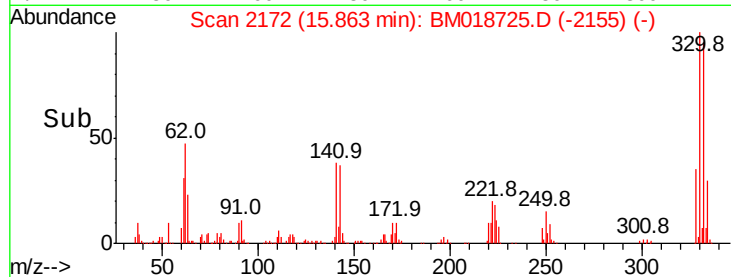
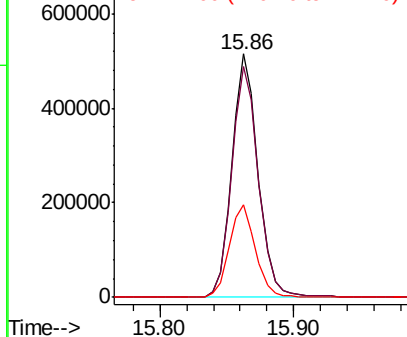
330 100

332 96.5 77.6 116.4

141 38.2 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: 93.059 ng

RT: 12.98 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BM018725.D

Acq: 04 Feb 2019 19:00

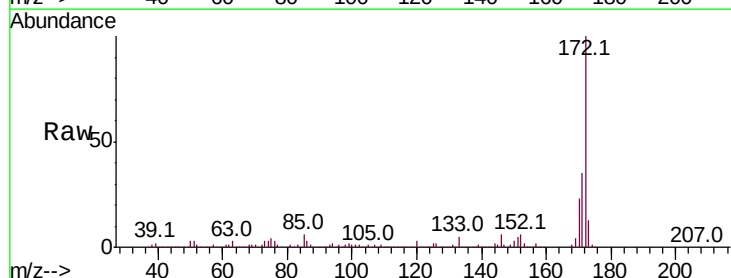
Tgt Ion:172 Resp: 2886819

Ion Ratio Lower Upper

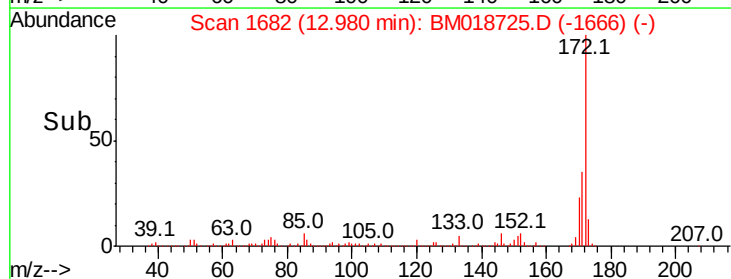
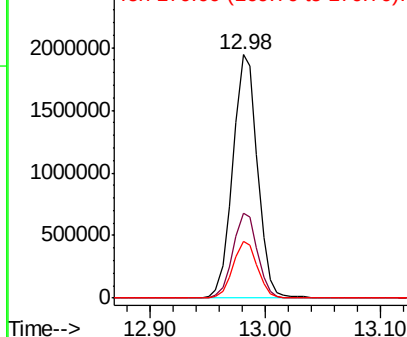
172 100

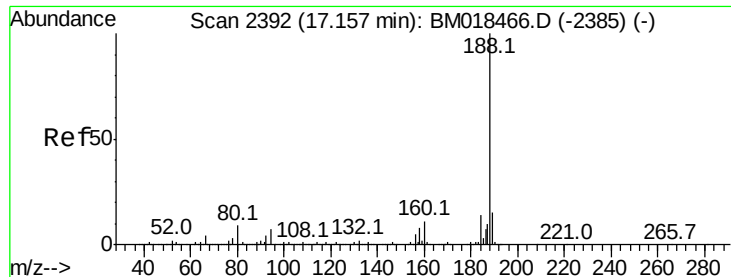
171 35.1 28.2 42.4

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

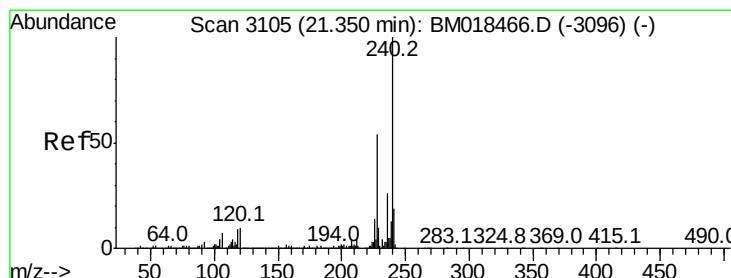
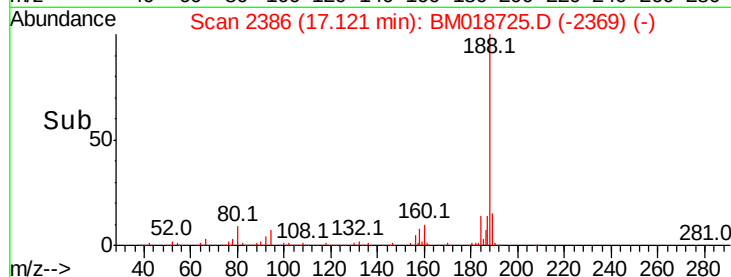
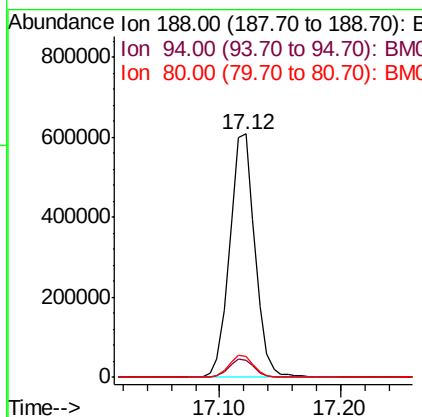
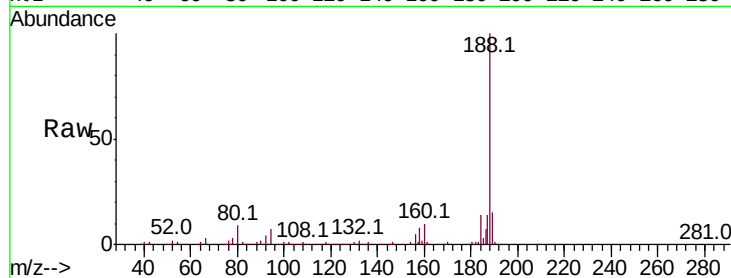




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BM018725.D
Acq: 04 Feb 2019 19:00

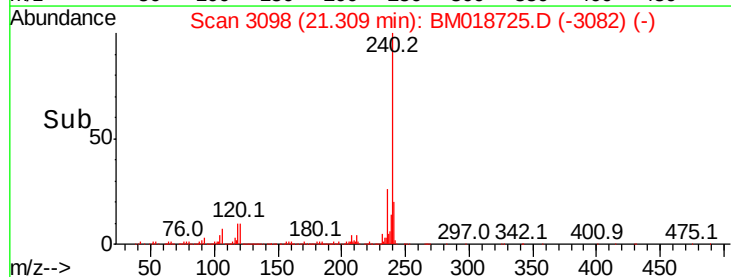
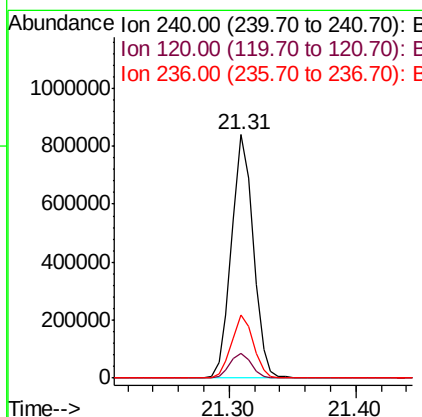
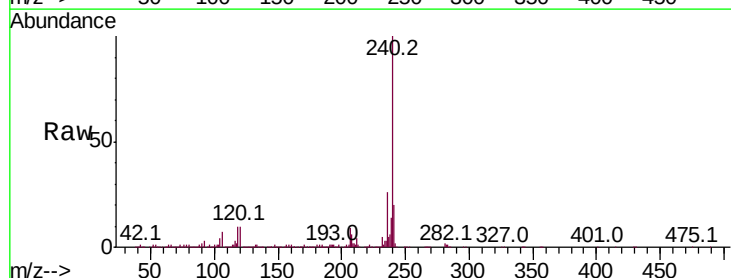
Instrument :
BNA_M
ClientSampleId :
0034-FIELD-BLANK

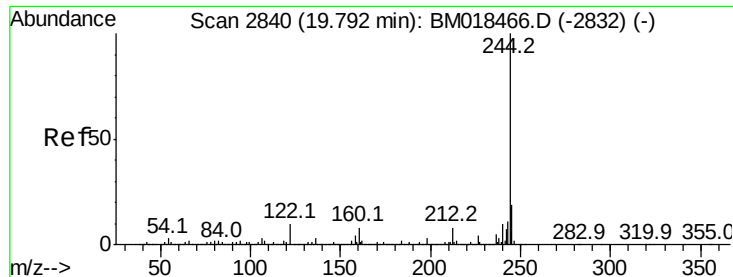
Tot Ion:188 Resp: 885712
Ion Ratio Lower Upper
188 100
94 7.2 7.1 10.7
80 8.5 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.31 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM018725.D
Acq: 04 Feb 2019 19:00

Tgt Ion:240 Resp: 997085
Ion Ratio Lower Upper
240 100
120 10.1 8.4 12.6
236 25.9 20.7 31.1



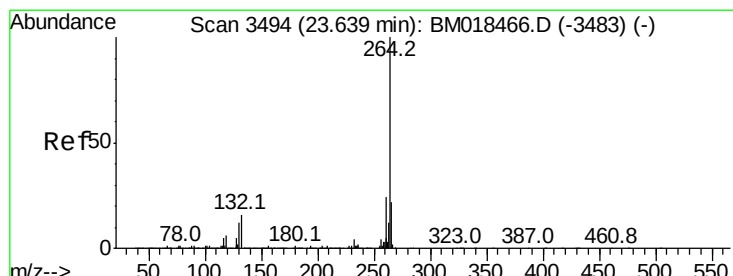
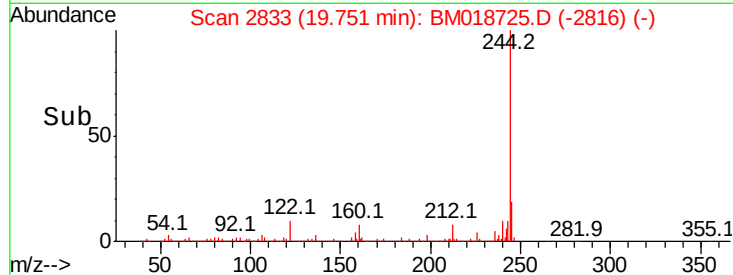
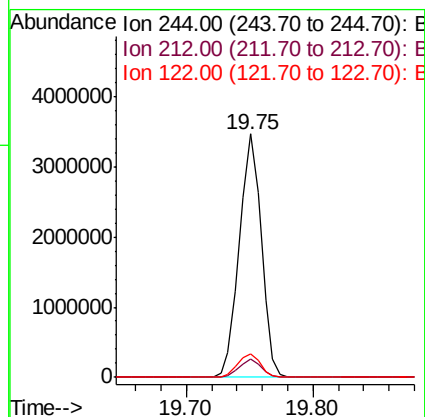
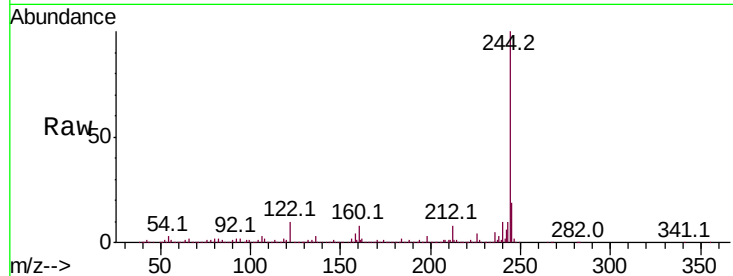


#79
 Terphenyl-d14
 Concen: 87.646 ng
 RT: 19.75 min Scan# 2833
 Delta R.T. 0.00 min
 Lab File: BM018725.D
 Acq: 04 Feb 2019 19:00

Instrument :
 BNA_M
 ClientSampleId :
 0034-FIELD-BLANK

Tot Ion:244 Resp: 4145613

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	9.9	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.57 min Scan# 3483
 Delta R.T. 0.00 min
 Lab File: BM018725.D
 Acq: 04 Feb 2019 19:00

Tgt Ion:264 Resp: 1071542

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	22.3	16.8	25.2

