

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
 Data File : BM018739.D
 Acq On : 07 Feb 2019 16:05
 Operator : JU/SJ
 Sample : PB116909BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116909BL

Quant Time: Feb 08 10:05:57 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	212335	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	773243	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	378167	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	824409	20.00	ng	0.00
76) Chrysene-d12	21.31	240	925019	20.00	ng	0.00
87) Perylene-d12	23.57	264	967556	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1152317	100.21	ng	0.00
7) Phenol-d6	6.89	99	1406822	96.32	ng	0.00
23) Nitrobenzene-d5	8.88	82	833017	62.45	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	440662	91.52	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	1974012	68.11	ng	0.00
79) Terphenyl-d14	19.75	244	2817325	64.20	ng	0.00

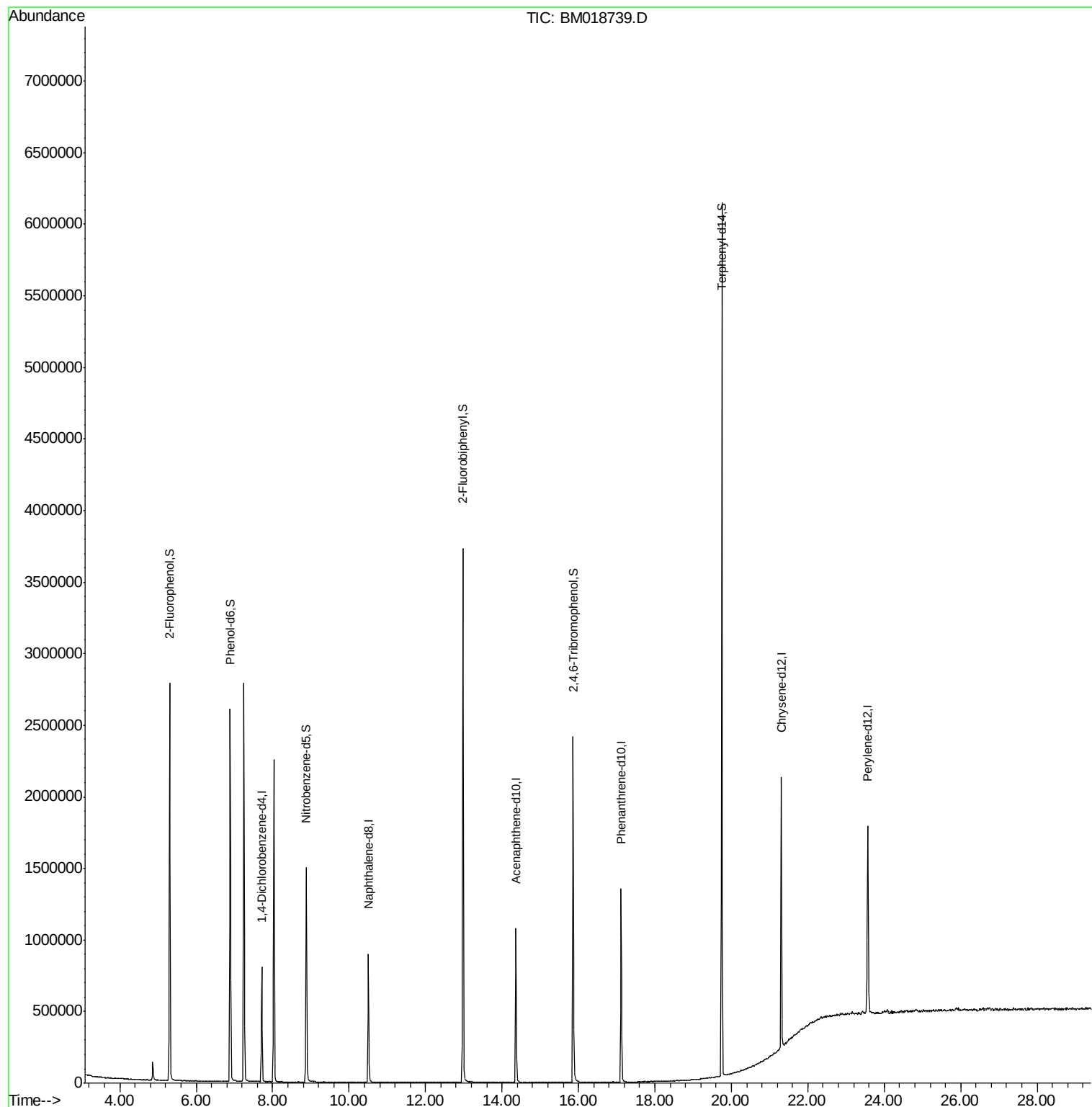
Target Compounds Qvalue

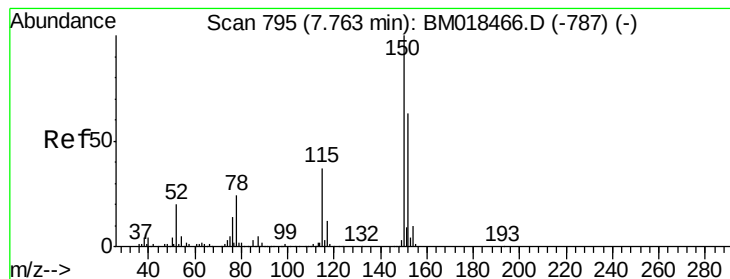
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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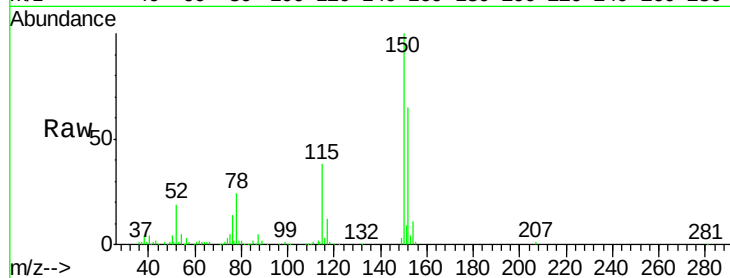


#1

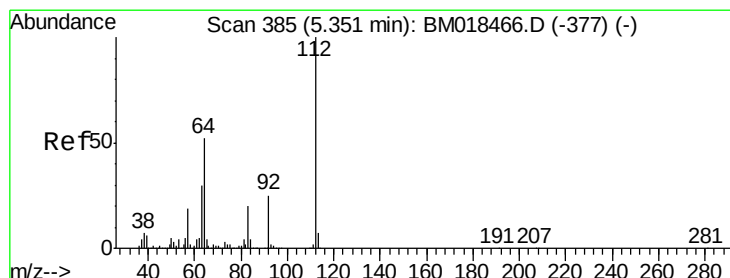
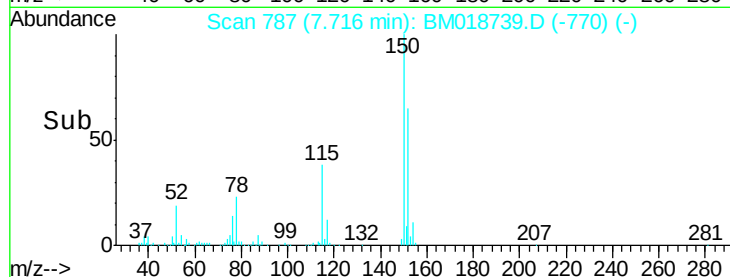
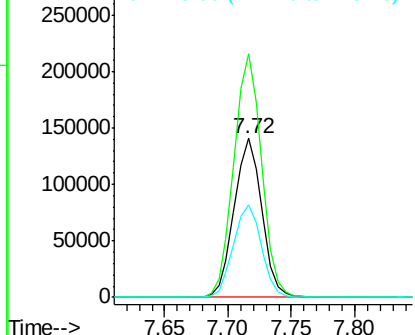
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM018739.D
Acq: 07 Feb 2019 16:05

Instrument :
BNA_M
ClientSampleId :
PB116909BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	126.9	190.3
115	58.7	45.5	68.3



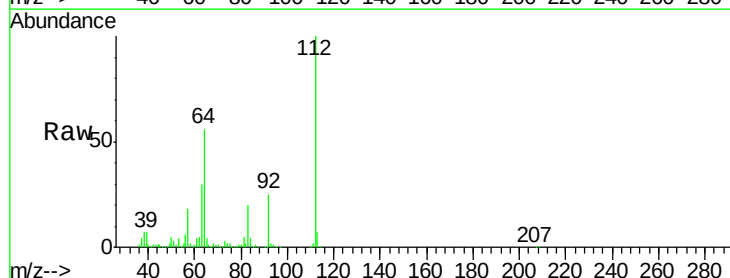
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



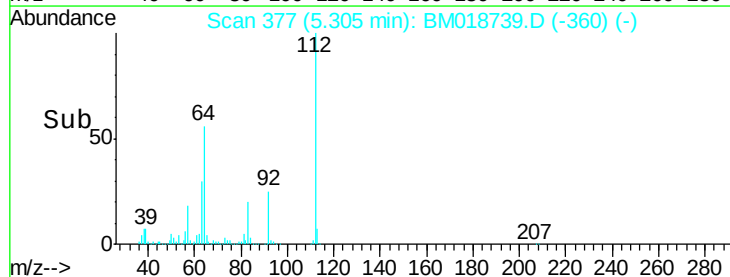
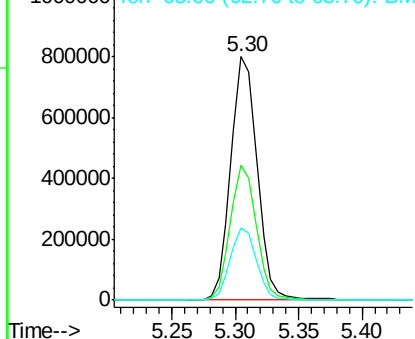
#5

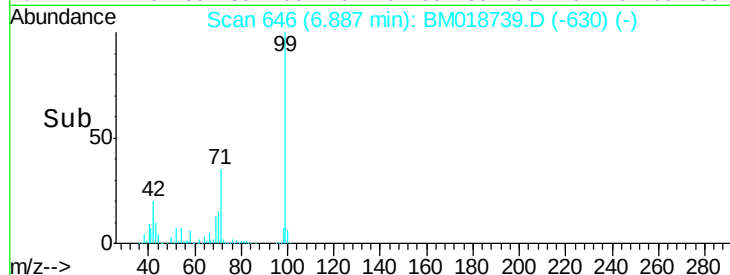
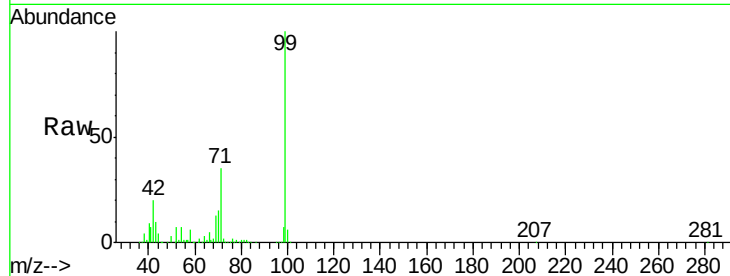
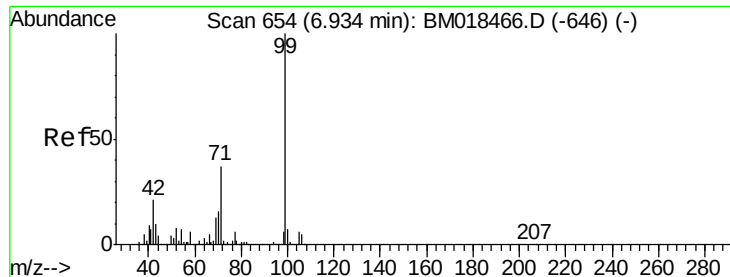
2-Fluorophenol
Concen: 100.21 ng
RT: 5.30 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM018739.D
Acq: 07 Feb 2019 16:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	46.5	69.7
63	29.8	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: 96.32 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM018739.D

Acq: 07 Feb 2019 16:05

Instrument :

BNA_M

ClientSampleId :

PB116909BL

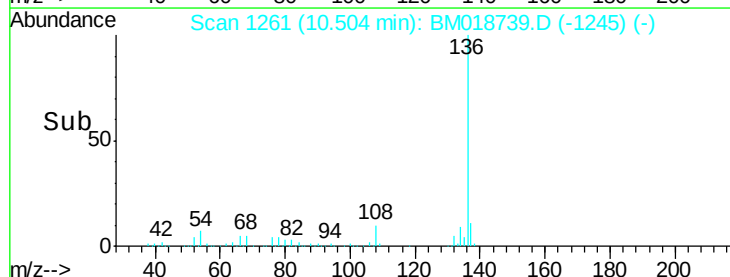
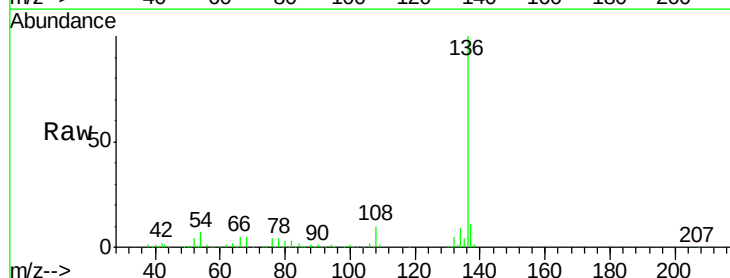
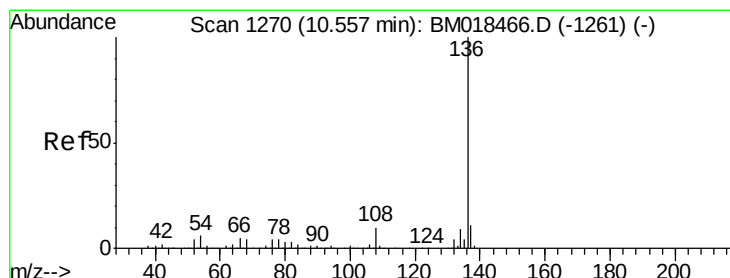
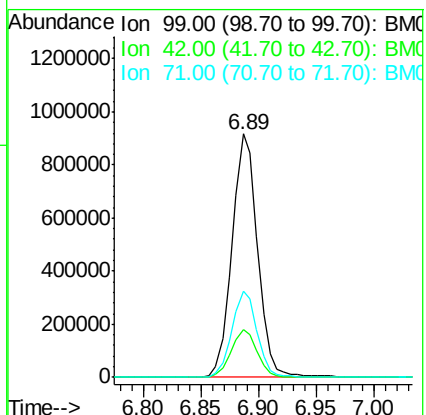
Tot Ion: 99 Resp: 1406822

Ion Ratio Lower Upper

99 100

42 19.8 17.3 25.9

71 35.2 28.0 42.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BM018739.D

Acq: 07 Feb 2019 16:05

Tgt Ion: 136 Resp: 773243

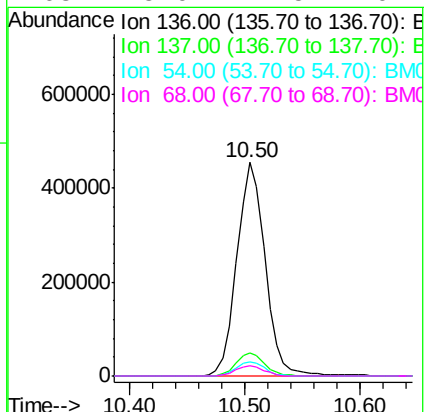
Ion Ratio Lower Upper

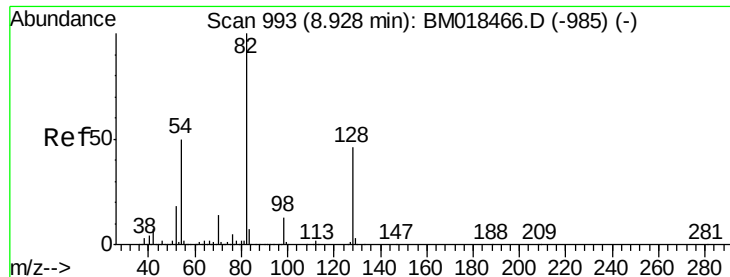
136 100

137 10.8 8.5 12.7

54 6.7 6.0 9.0

68 5.0 4.5 6.7

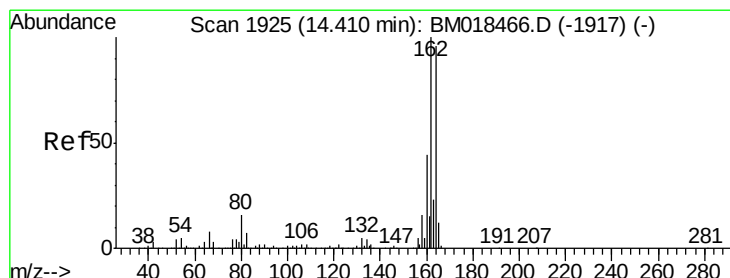
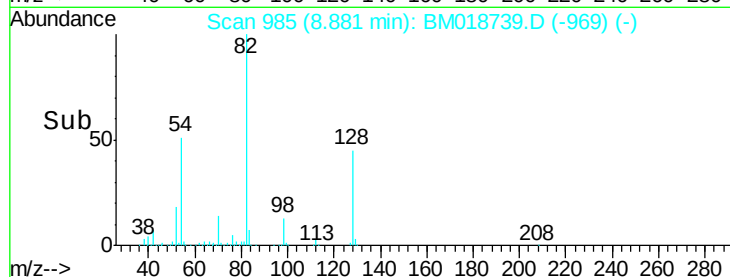
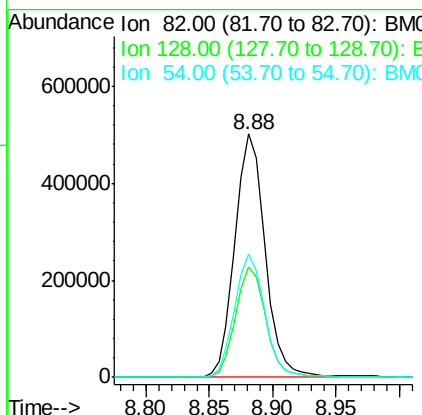
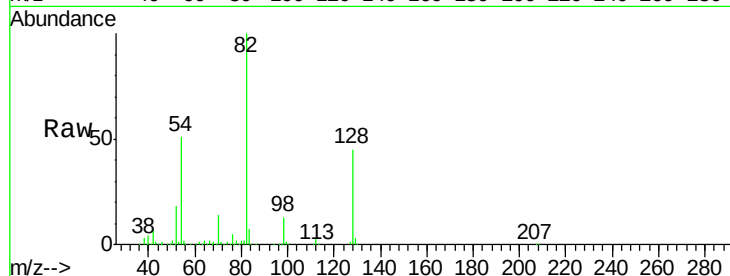




#23
 Nitrobenzene-d5
 Concen: 62.45 ng
 RT: 8.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BM018739.D
 Acq: 07 Feb 2019 16:05

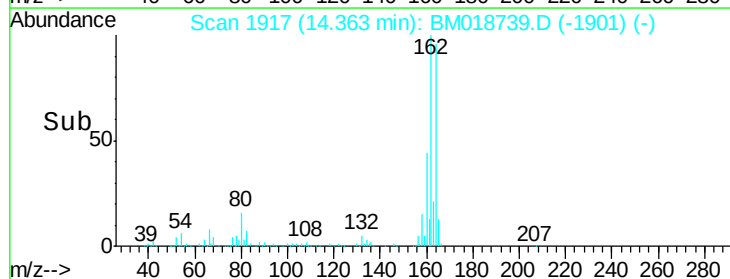
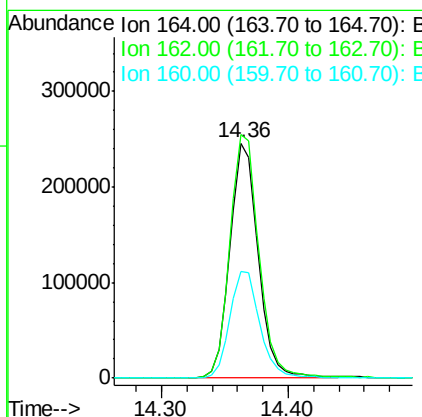
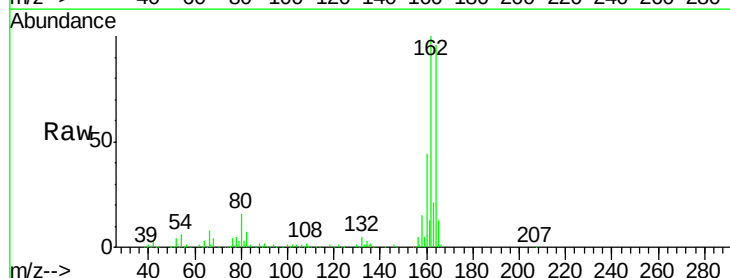
Instrument :
 BNA_M
 ClientSampleID :
 PB116909BL

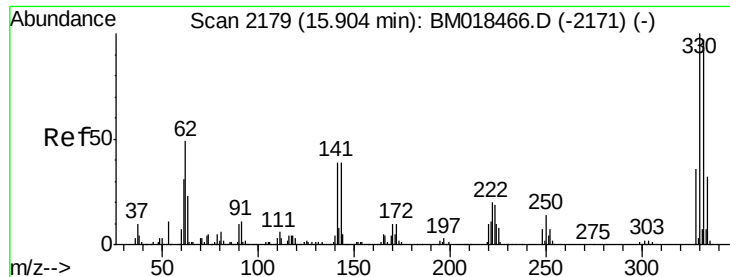
Tot Ion	82	Resp	833017
Ion Ratio	Lower	Upper	
82	100		
128	45.5	36.3	54.5
54	50.7	41.7	62.5



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.36 min Scan# 1917
 Delta R.T. -0.01 min
 Lab File: BM018739.D
 Acq: 07 Feb 2019 16:05

Tgt Ion	164	Resp	378167
Ion Ratio	Lower	Upper	
164	100		
162	103.7	83.0	124.4
160	45.6	37.1	55.7





#42

2,4,6-Tribromophenol

Concen: 91.52 ng

RT: 15.86 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BM018739.D

Acq: 07 Feb 2019 16:05

Instrument :

BNA_M

ClientSampleId :

PB116909BL

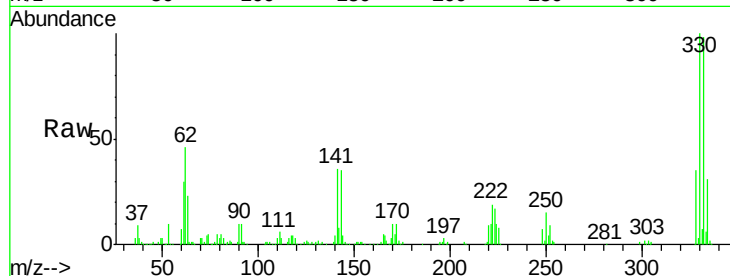
Tot Ion:330 Resp: 440662

Ion Ratio Lower Upper

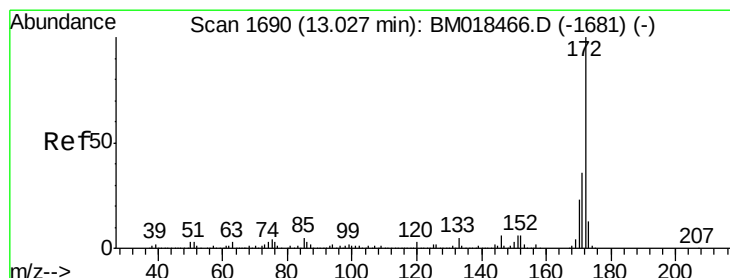
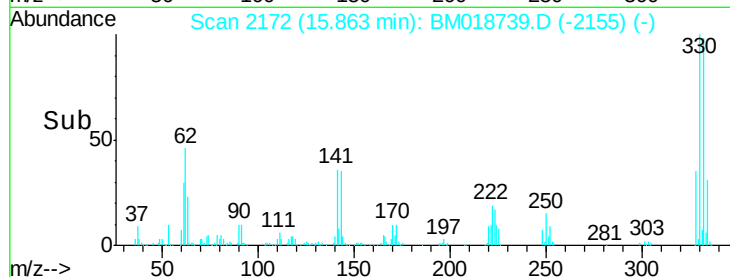
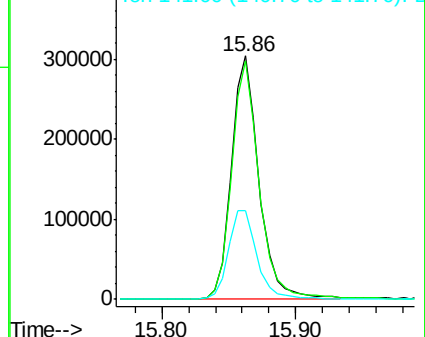
330 100

332 97.7 77.6 116.4

141 38.5 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: 68.11 ng

RT: 12.98 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BM018739.D

Acq: 07 Feb 2019 16:05

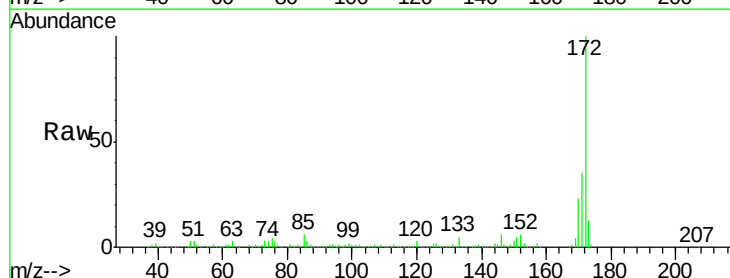
Tgt Ion:172 Resp: 1974012

Ion Ratio Lower Upper

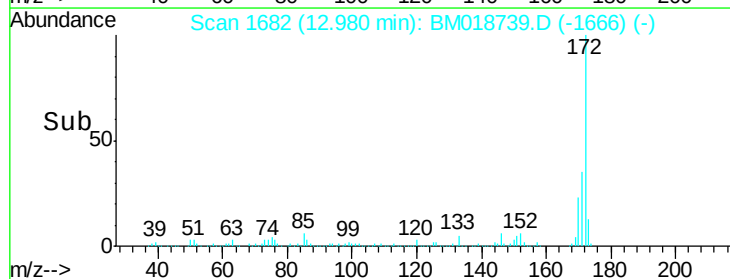
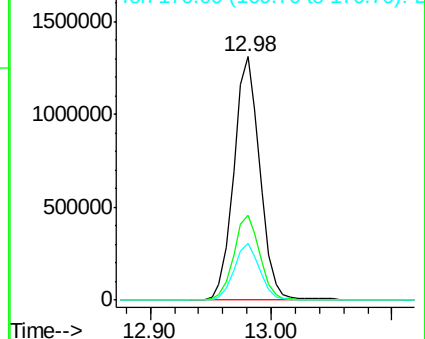
172 100

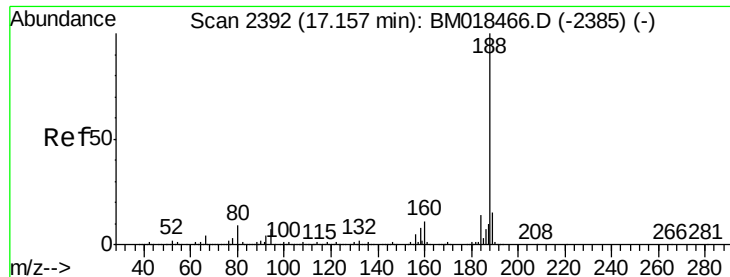
171 34.9 28.2 42.4

170 23.3 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

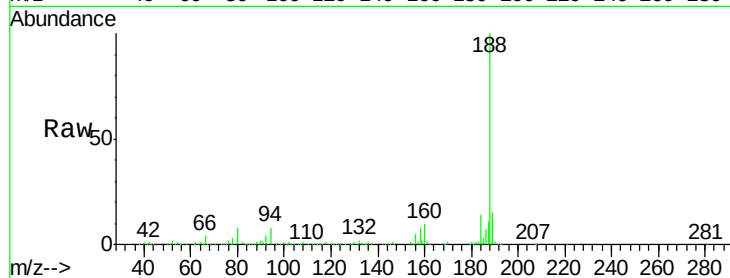




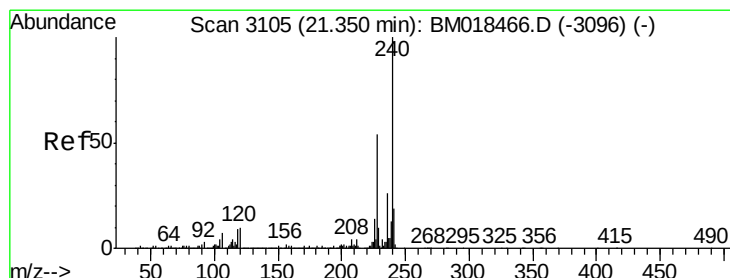
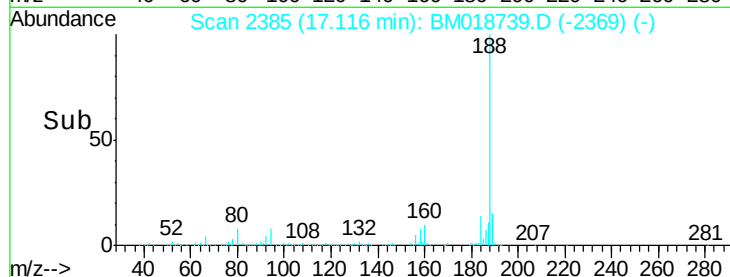
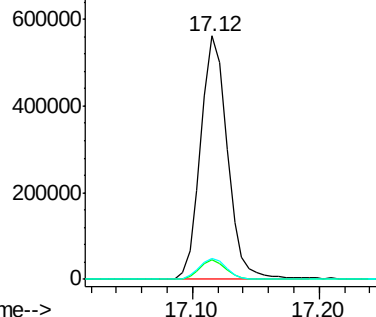
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM018739.D
Acq: 07 Feb 2019 16:05

Instrument :
BNA_M
ClientSampleId :
PB116909BL

Tot Ion:188 Resp: 824409
Ion Ratio Lower Upper
188 100
94 8.0 7.1 10.7
80 8.4 7.6 11.4

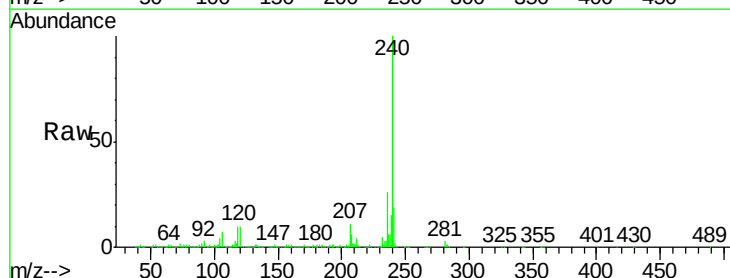


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM018739.D (-2385) (-)
Ion 80.00 (79.70 to 80.70): BM018739.D (-2385) (-)

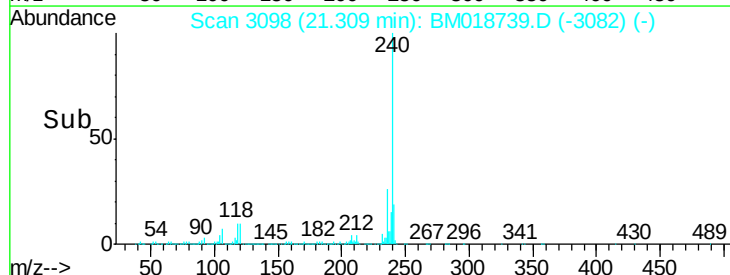
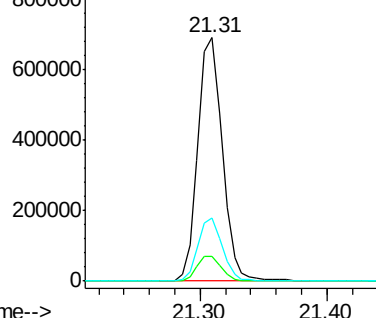


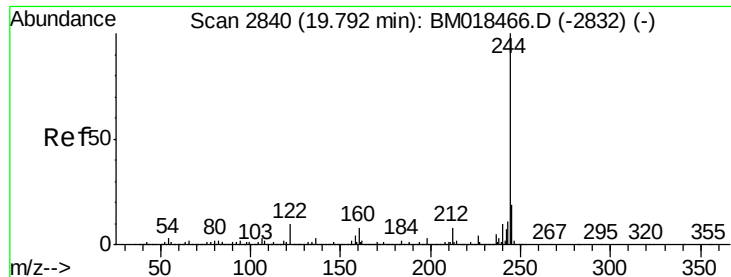
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.31 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM018739.D
Acq: 07 Feb 2019 16:05

Tgt Ion:240 Resp: 925019
Ion Ratio Lower Upper
240 100
120 9.9 8.4 12.6
236 25.7 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: 64.20 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BM018739.D

Acq: 07 Feb 2019 16:05

Instrument :

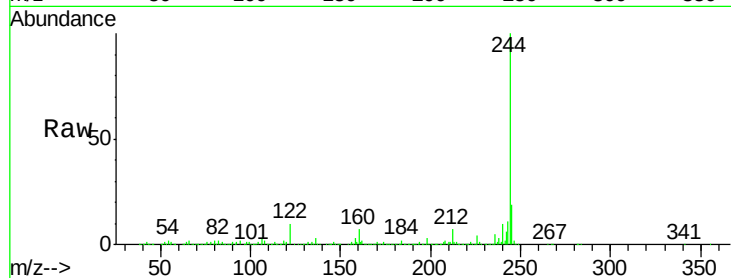
BNA_M

ClientSampleId :

PB116909BL

Tot Ion:244 Resp: 2817325

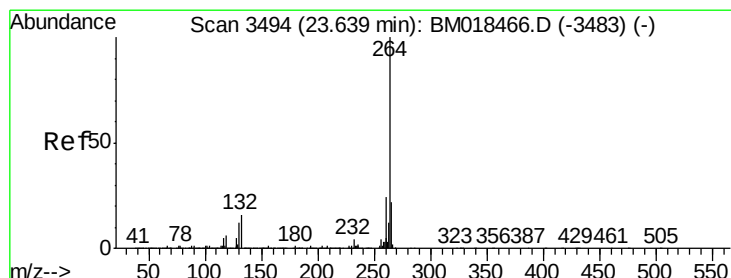
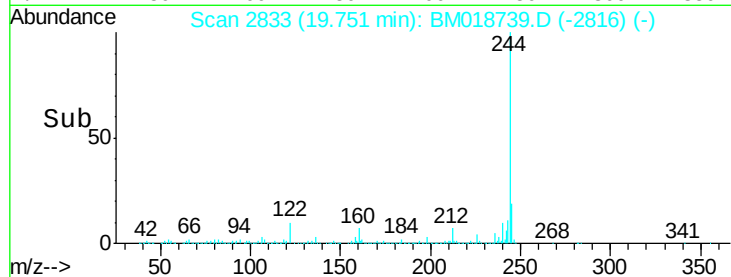
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	9.6	9.0	13.4



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

Perylene-d12

Concen: 20.00 ng

RT: 23.57 min Scan# 3482

Delta R.T. -0.01 min

Lab File: BM018739.D

Acq: 07 Feb 2019 16:05

Tgt Ion:264 Resp: 967556

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	21.4	16.8	25.2

