

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM013019\
 Data File : BM018692.D
 Acq On : 30 Jan 2019 12:56
 Operator : JU/SJ
 Sample : PB116705BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116705BL

Quant Time: Jan 30 14:17:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 22:01:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	251242	20.00	ng	-0.02
21) Naphthalene-d8	10.51	136	935294	20.00	ng	-0.02
39) Acenaphthene-d10	14.37	164	475715	20.00	ng	-0.01
64) Phenanthrene-d10	17.12	188	963918	20.00	ng	-0.02
76) Chrysene-d12	21.32	240	862167	20.00	ng	-0.02
87) Perylene-d12	23.59	264	919700	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1896133	139.36	ng	-0.02
7) Phenol-d6	6.90	99	2329026	134.77	ng	-0.01
23) Nitrobenzene-d5	8.89	82	1393696	86.38	ng	-0.01
42) 2,4,6-Tribromophenol	15.87	330	778867	128.59	ng	-0.02
45) 2-Fluorobiphenyl	12.99	172	3416948	93.73	ng	-0.02
79) Terphenyl-d14	19.76	244	3939768	96.33	ng	-0.01

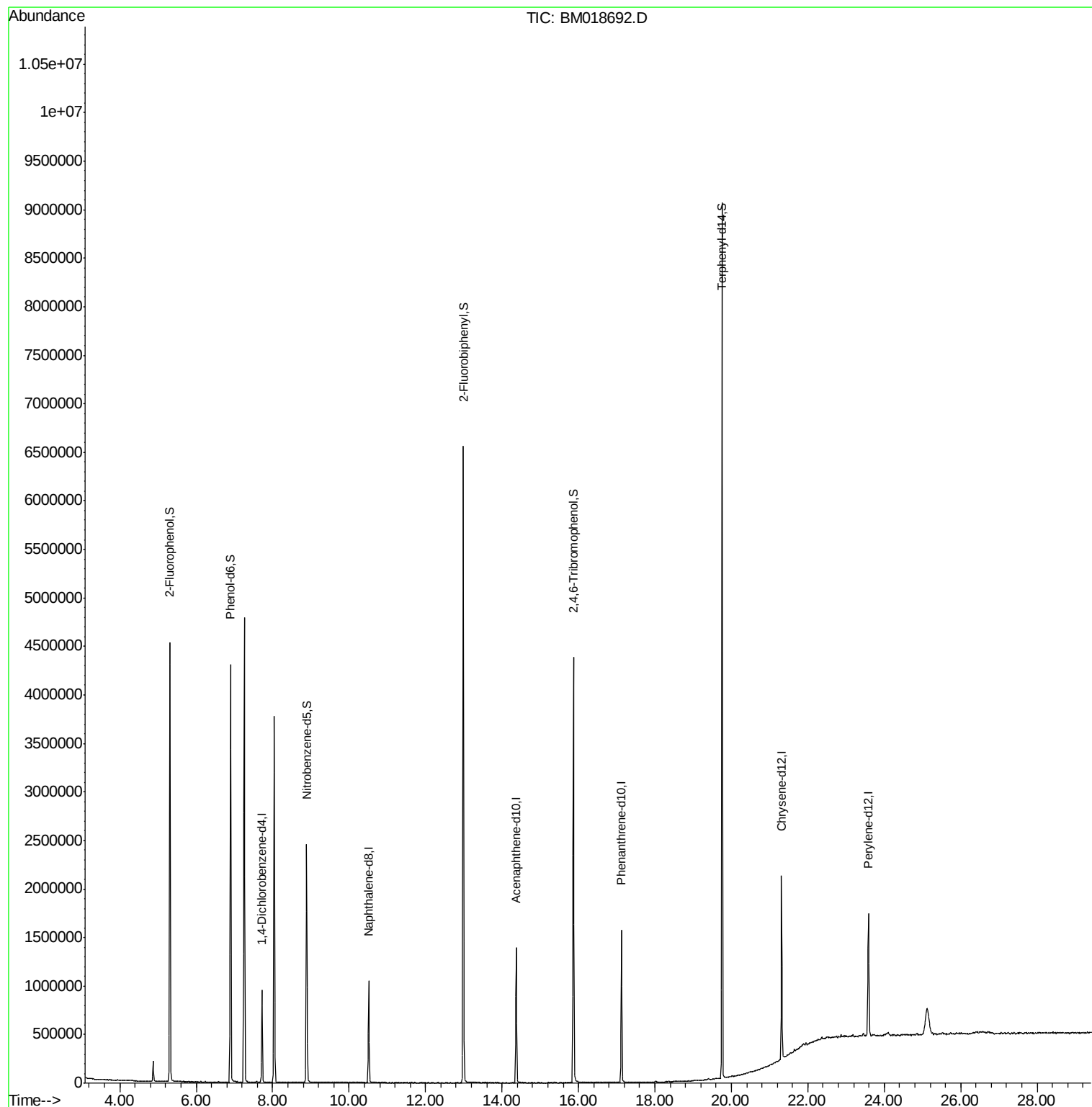
Target Compounds	Qvalue
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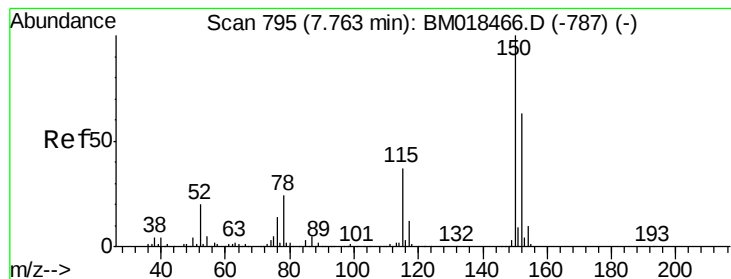
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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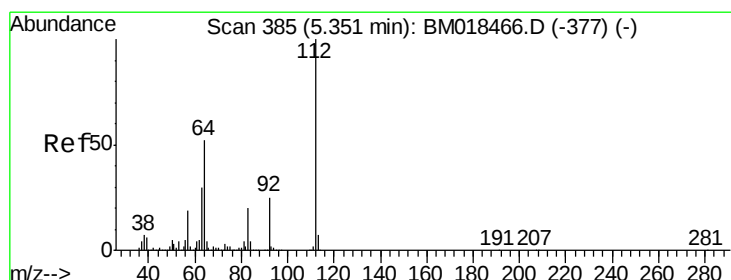
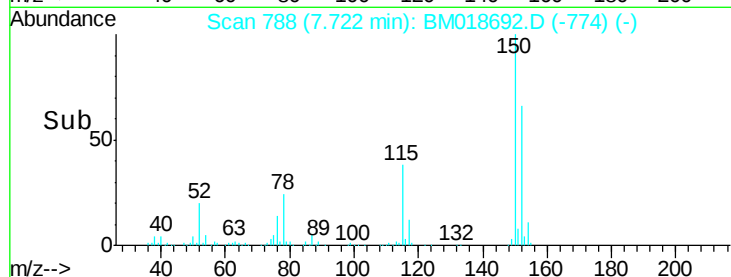
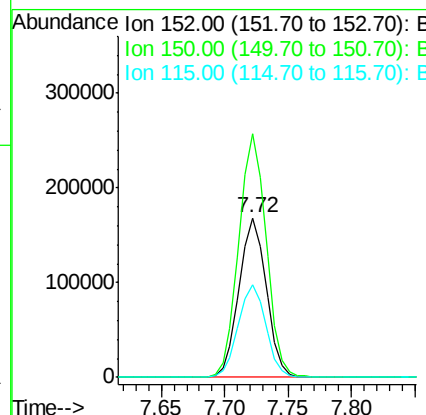
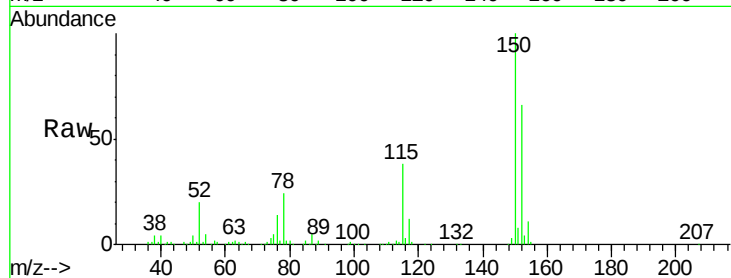


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM018692.D
Acq: 30 Jan 2019 12:56

Instrument :
BNA_M
ClientSampleId :
PB116705BL

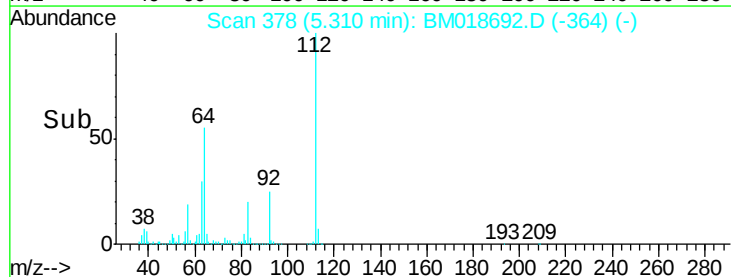
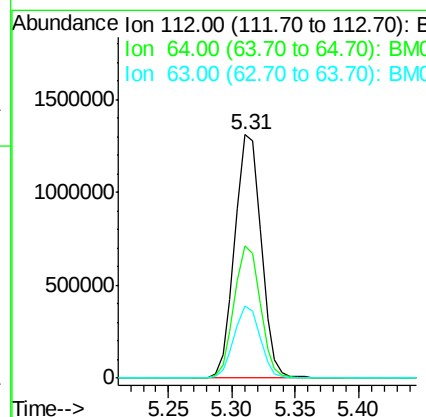
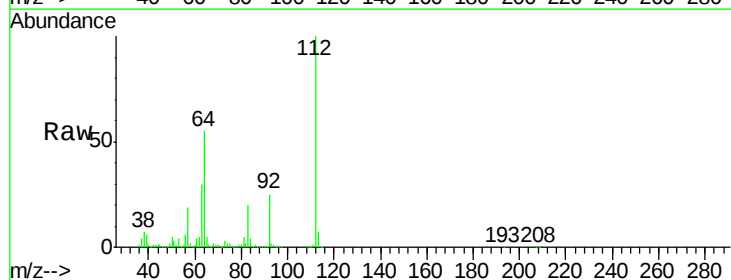
Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.5	126.9	190.3
115	58.0	45.5	68.3

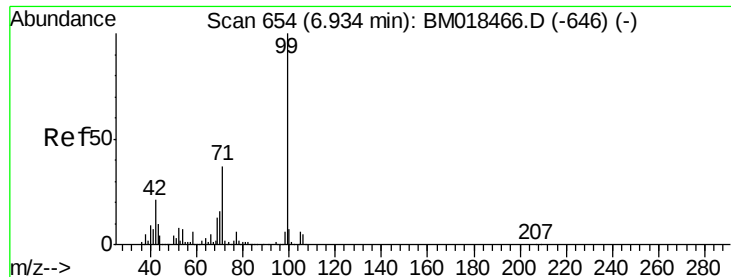


#5

2-Fluorophenol
Concen: 139.355 ng
RT: 5.31 min Scan# 378
Delta R.T. -0.02 min
Lab File: BM018692.D
Acq: 30 Jan 2019 12:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	46.5	69.7
63	29.6	25.2	37.8





#7

Phenol-d6

Concen: 134.767 ng

RT: 6.90 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018692.D

Acq: 30 Jan 2019 12:56

Instrument :

BNA_M

ClientSampleId :

PB116705BL

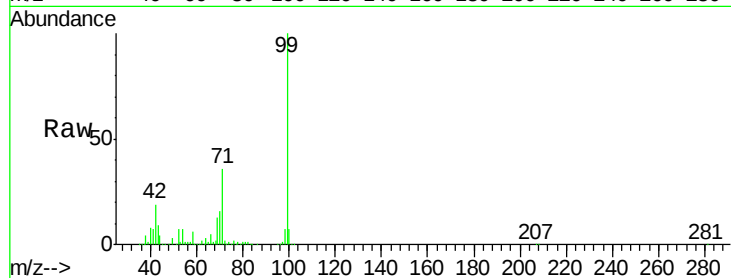
Tgt Ion: 99 Resp: 2329026

Ion Ratio Lower Upper

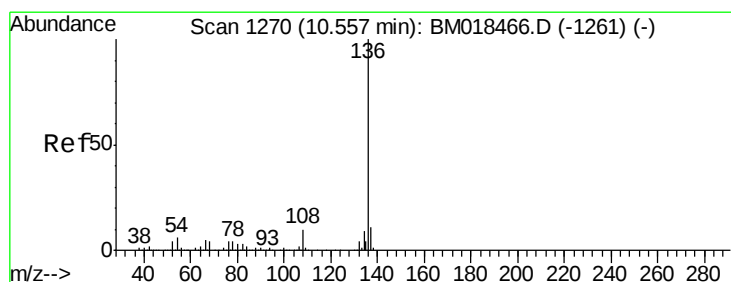
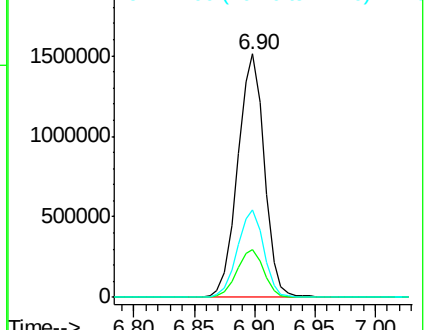
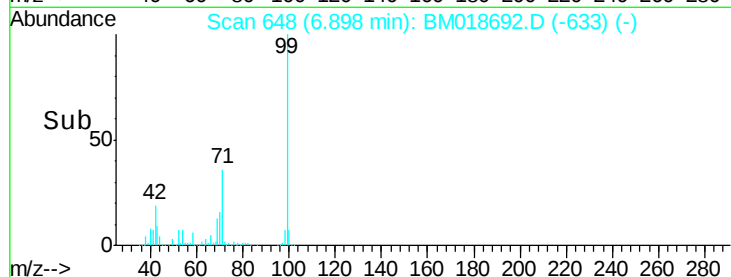
99 100

42 19.4 17.3 25.9

71 35.8 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018692.D (-633) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.51 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BM018692.D

Acq: 30 Jan 2019 12:56

Tgt Ion: 136 Resp: 935294

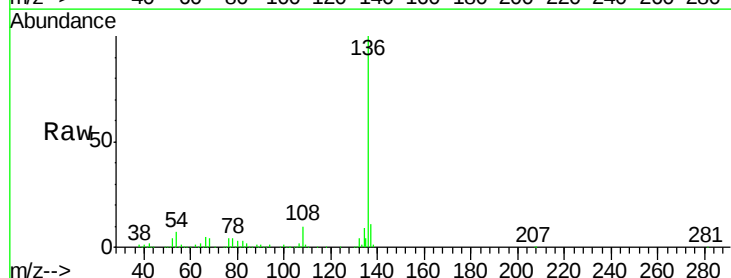
Ion Ratio Lower Upper

136 100

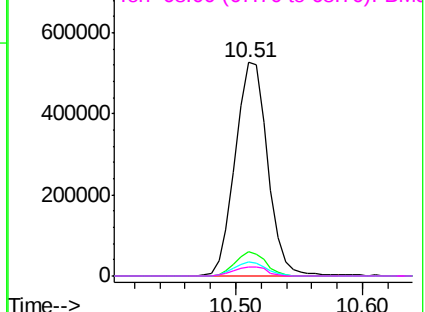
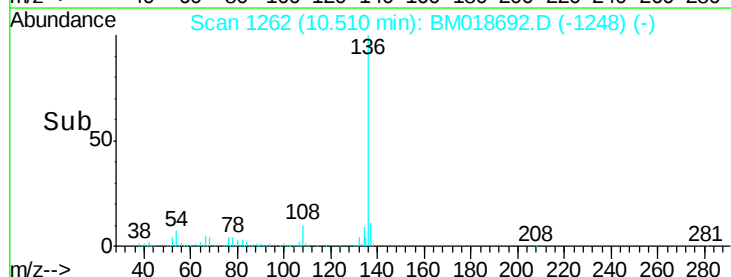
137 11.5 8.5 12.7

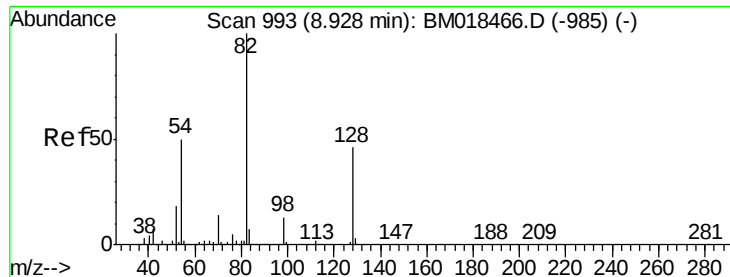
54 6.7 6.0 9.0

68 4.3 4.5 6.7#



Abundance Ion 136.00 (135.70 to 136.70): BM018692.D (-1248) (-)

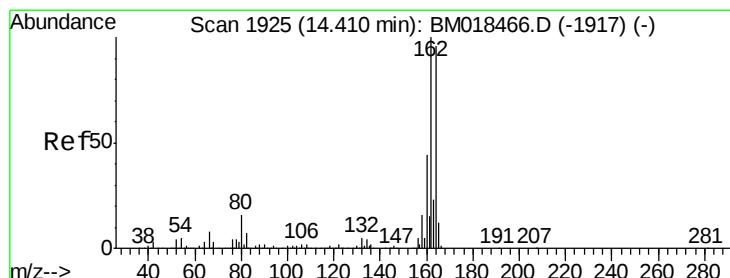
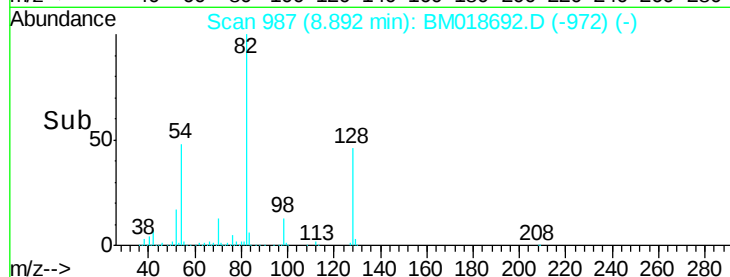
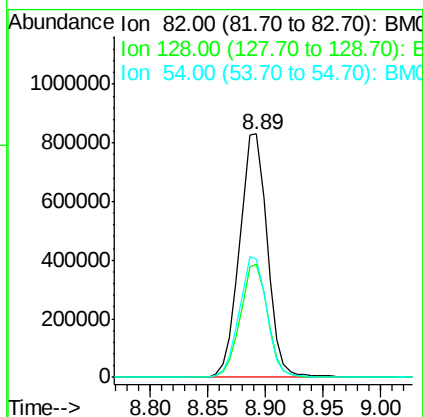
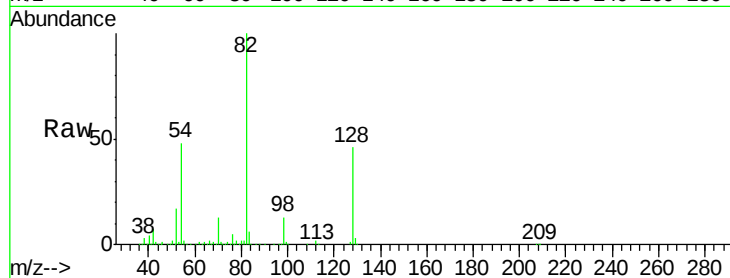




#23
 Nitrobenzene-d5
 Concen: 86.383 ng
 RT: 8.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BM018692.D
 Acq: 30 Jan 2019 12:56

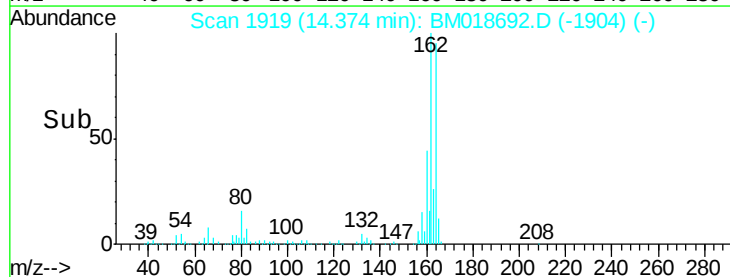
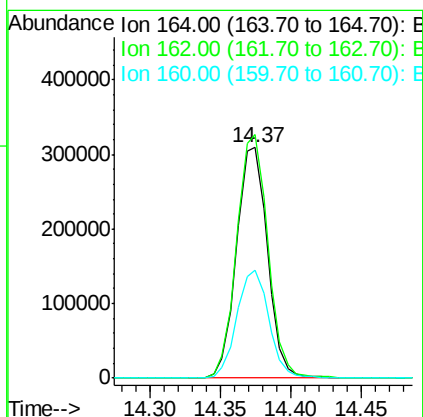
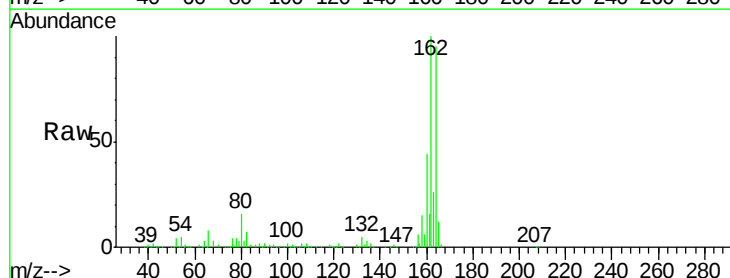
Instrument :
 BNA_M
 ClientSampleId :
 PB116705BL

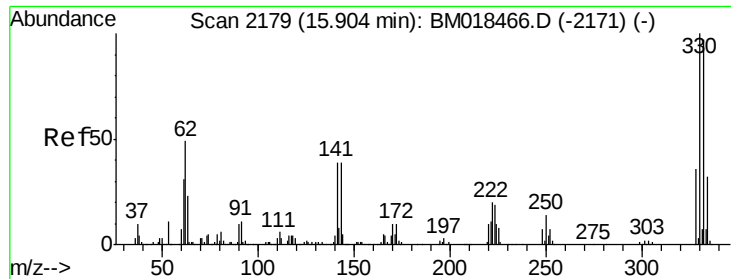
Tgt Ion: 82 Resp: 1393696
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.3 54.5
 54 48.3 41.7 62.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.37 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BM018692.D
 Acq: 30 Jan 2019 12:56

Tgt Ion: 164 Resp: 475715
 Ion Ratio Lower Upper
 164 100
 162 105.6 83.0 124.4
 160 46.9 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 128.586 ng

RT: 15.87 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BM018692.D

Acq: 30 Jan 2019 12:56

Instrument :

BNA_M

ClientSampleId :

PB116705BL

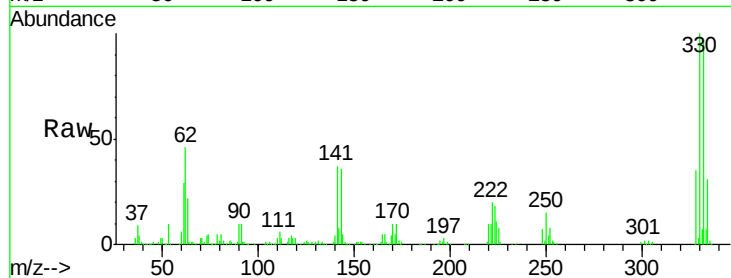
Tgt Ion:330 Resp: 778867

Ion Ratio Lower Upper

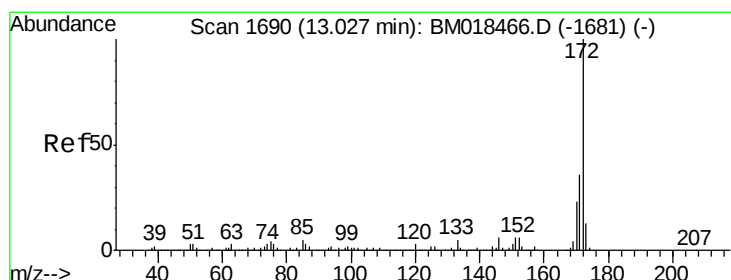
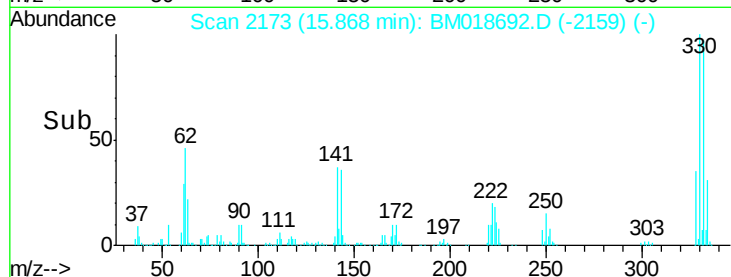
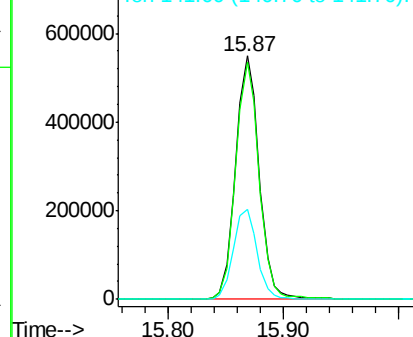
330 100

332 96.8 77.6 116.4

141 37.5 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: 93.725 ng

RT: 12.99 min Scan# 1683

Delta R.T. -0.02 min

Lab File: BM018692.D

Acq: 30 Jan 2019 12:56

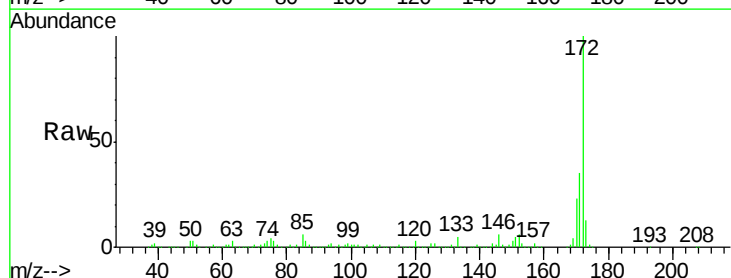
Tgt Ion:172 Resp: 3416948

Ion Ratio Lower Upper

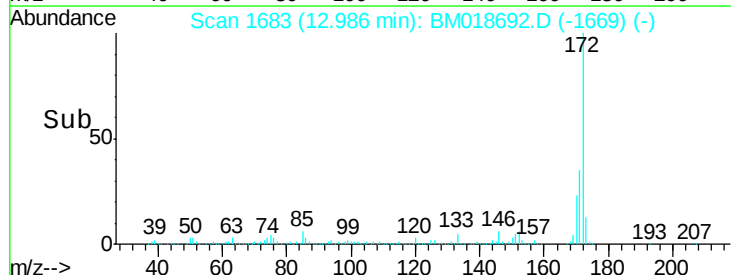
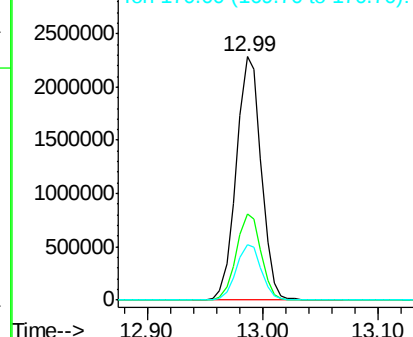
172 100

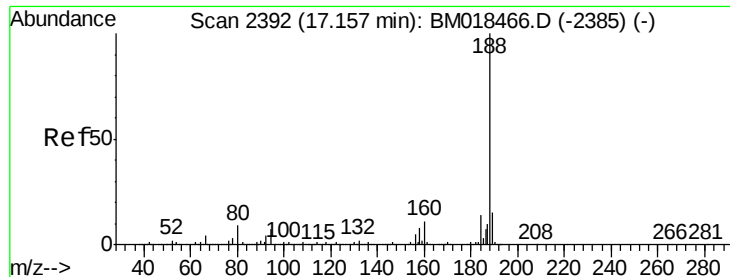
171 35.5 28.2 42.4

170 23.0 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

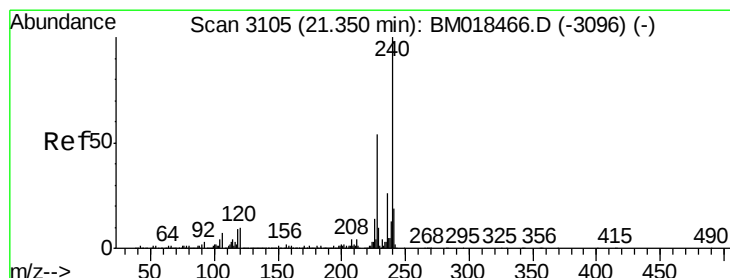
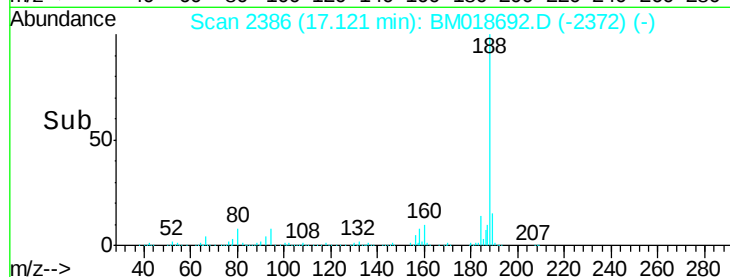
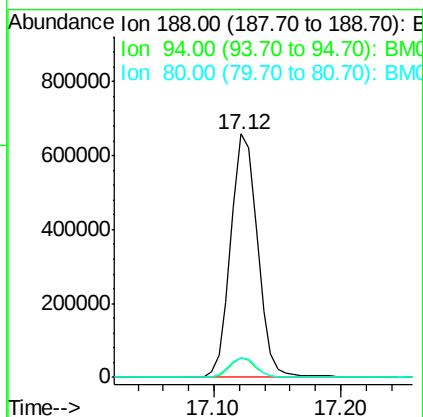
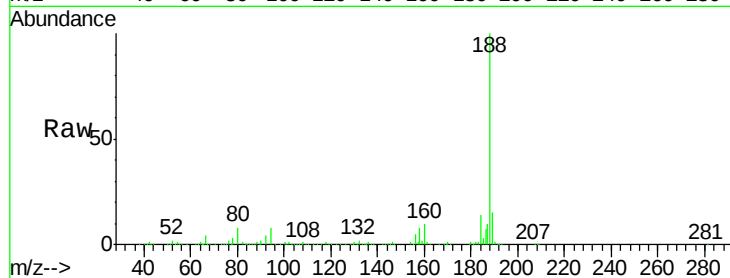




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2386
Delta R.T. -0.02 min
Lab File: BM018692.D
Acq: 30 Jan 2019 12:56

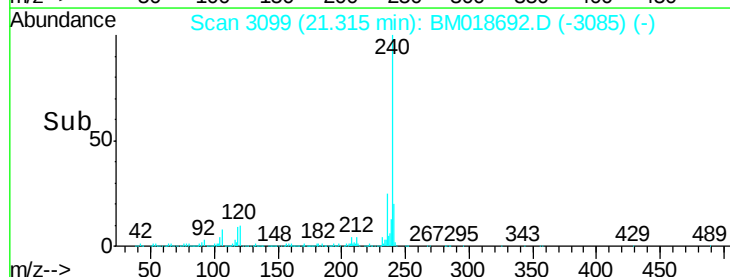
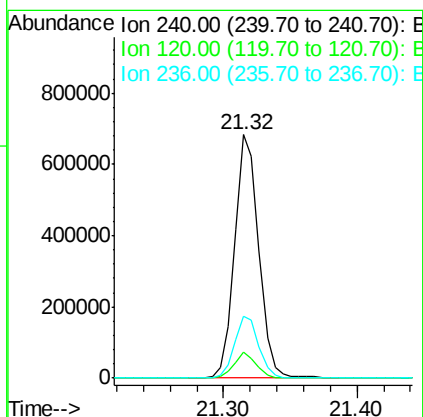
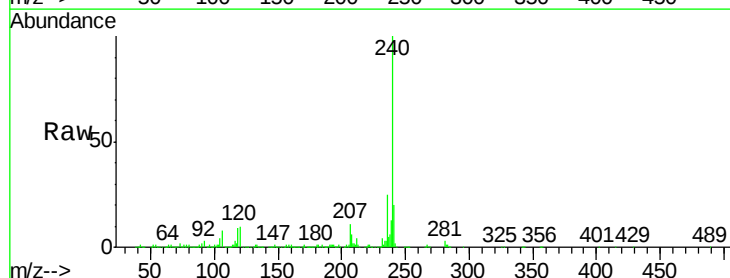
Instrument :
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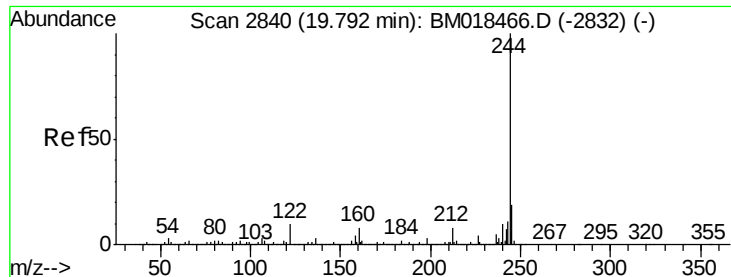
Tgt Ion:188 Resp: 963918
Ion Ratio Lower Upper
188 100
94 7.9 7.1 10.7
80 8.3 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.32 min Scan# 3099
Delta R.T. -0.02 min
Lab File: BM018692.D
Acq: 30 Jan 2019 12:56

Tgt Ion:240 Resp: 862167
Ion Ratio Lower Upper
240 100
120 10.5 8.4 12.6
236 25.4 20.7 31.1





#79

Terphenyl-d14

Concen: 96.329 ng

RT: 19.76 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BM018692.D

Acq: 30 Jan 2019 12:56

Instrument :

BNA_M

ClientSampleId :

PB116705BL

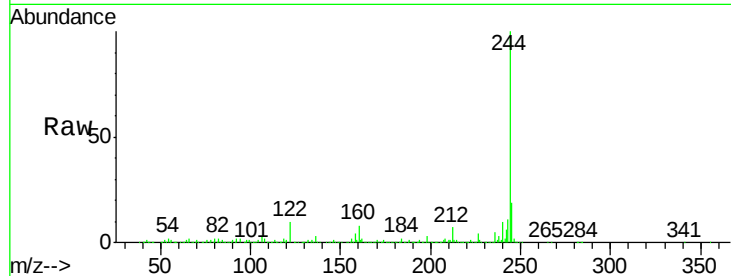
Tgt Ion:244 Resp: 3939768

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

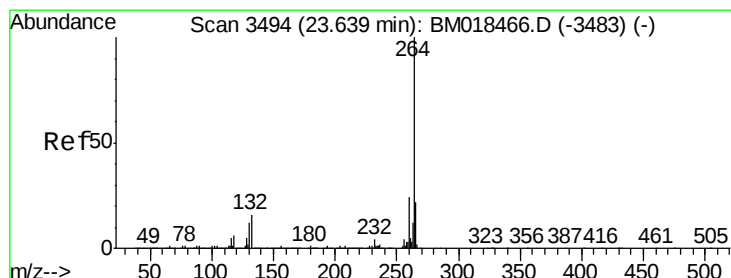
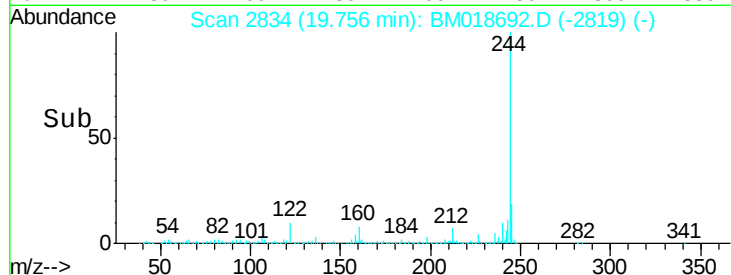
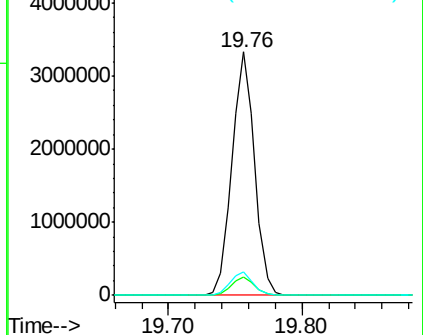
122 9.8 9.0 13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 23.59 min Scan# 3485

Delta R.T. -0.02 min

Lab File: BM018692.D

Acq: 30 Jan 2019 12:56

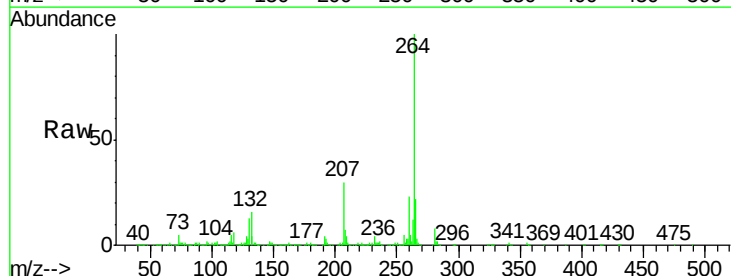
Tgt Ion:264 Resp: 919700

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.7 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

