

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\
 Data File : BM016631.D
 Acq On : 28 Aug 2018 07:03
 Operator : SJ/JU
 Sample : PB112404BL
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112404BL

Quant Time: Aug 28 07:57:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 27 13:01:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	89735	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	289180	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	204787	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	652961	20.00	ng	0.00
75) Chrysene-d12	21.53	240	747936	20.00	ng	0.00
86) Perylene-d12	23.81	264	849038	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	425457	92.91	ng	0.00
7) Phenol-d6	7.17	99	520518	85.90	ng	0.00
23) Nitrobenzene-d5	9.19	82	674932	106.57	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	527866	92.21	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	2355460	110.56	ng	0.00
78) Terphenyl-d14	19.97	244	4967387	140.57	ng	0.00

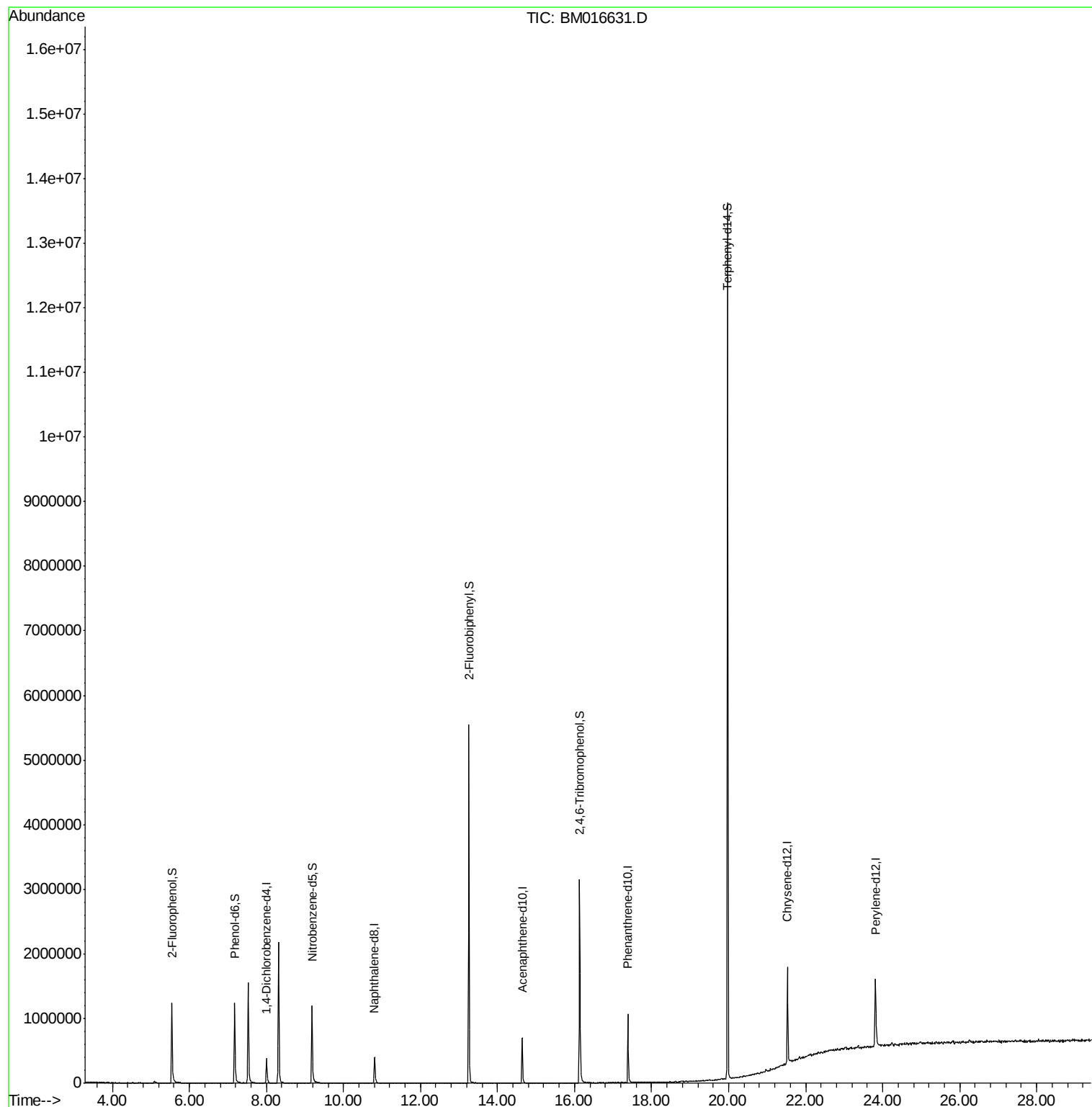
Target Compounds Qvalue

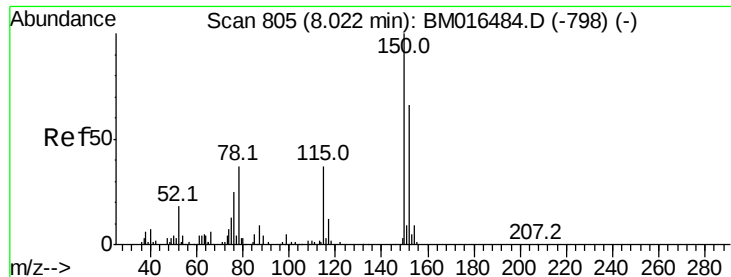
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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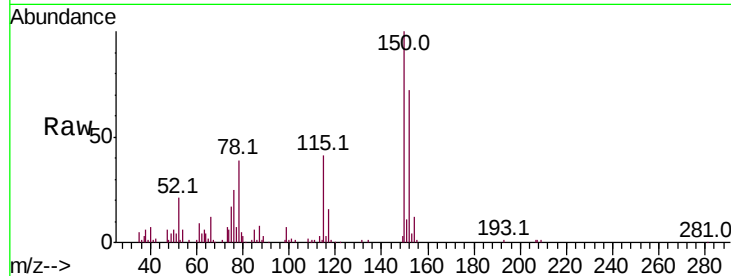


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 802
Delta R.T. -0.00 min
Lab File: BM016631.D
Acq: 28 Aug 2018 07:03

Instrument :
BNA_M
ClientSampleId :
PB112404BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.6	119.5	179.3
115	57.1	43.0	64.4

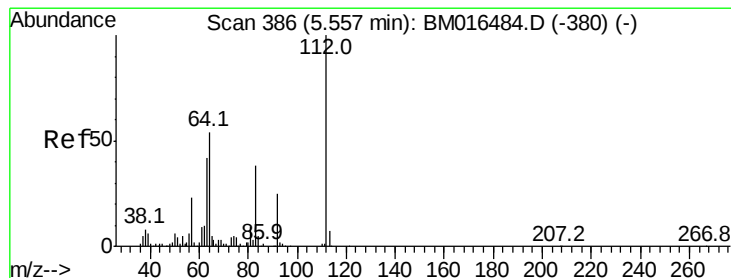
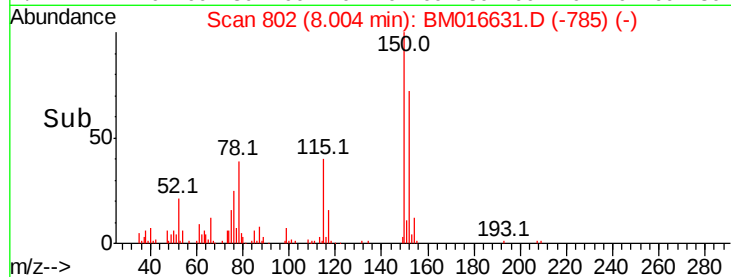
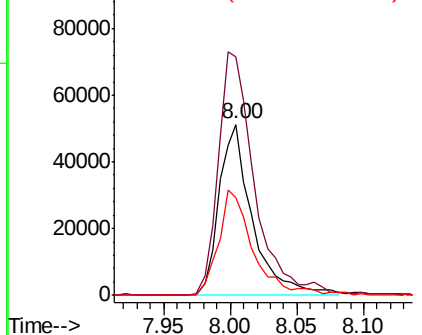


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

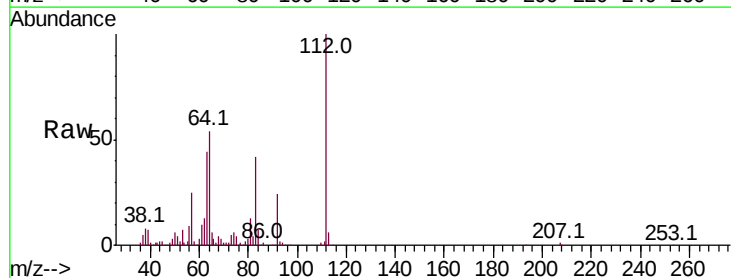
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 92.909 ng
RT: 5.55 min Scan# 384
Delta R.T. -0.00 min
Lab File: BM016631.D
Acq: 28 Aug 2018 07:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	38.6	57.8
63	44.0	19.3	28.9

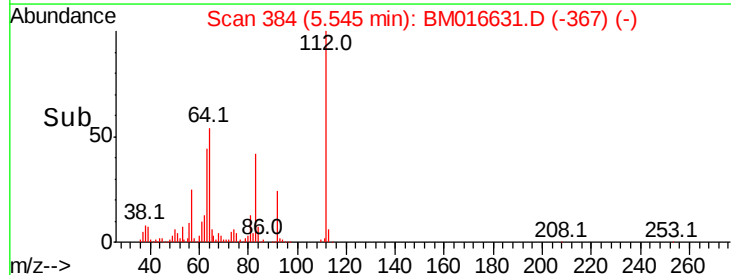
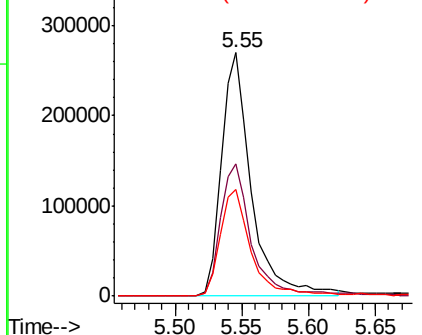


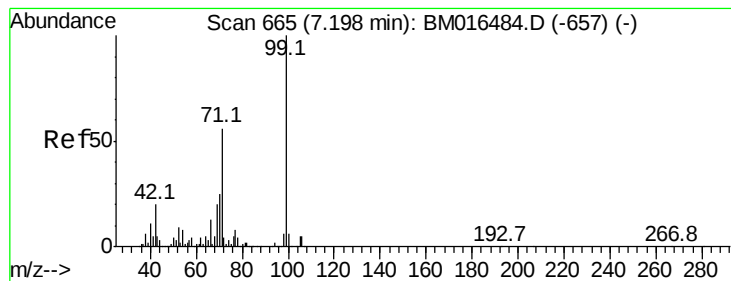
Abundance

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: 85.899 ng

RT: 7.17 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM016631.D

Acq: 28 Aug 2018 07:03

Instrument :

BNA_M

ClientSampleId :

PB112404BL

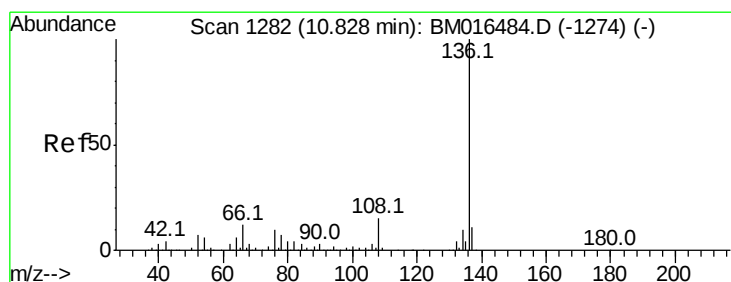
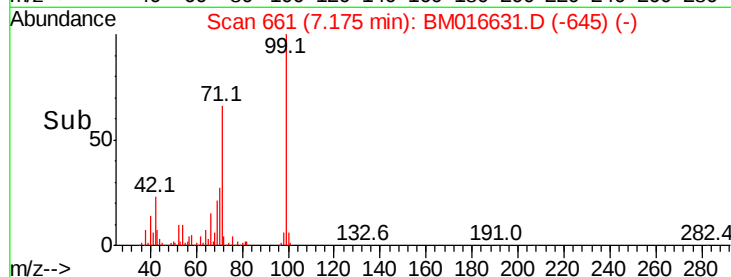
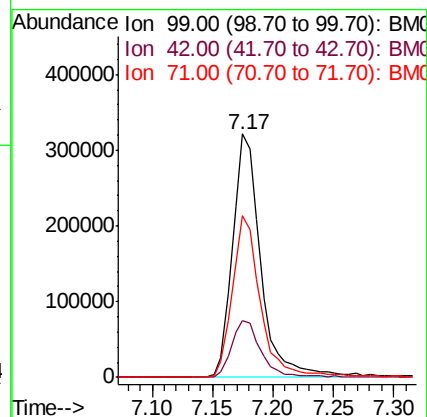
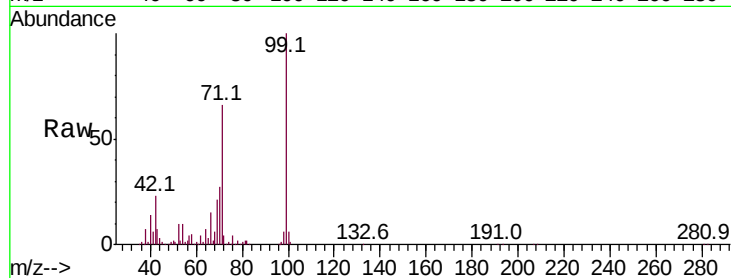
Tot Ion: 99 Resp: 520518

Ion Ratio Lower Upper

99 100

42 23.2 11.0 16.4#

71 66.3 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BM016631.D

Acq: 28 Aug 2018 07:03

Tgt Ion: 136 Resp: 289180

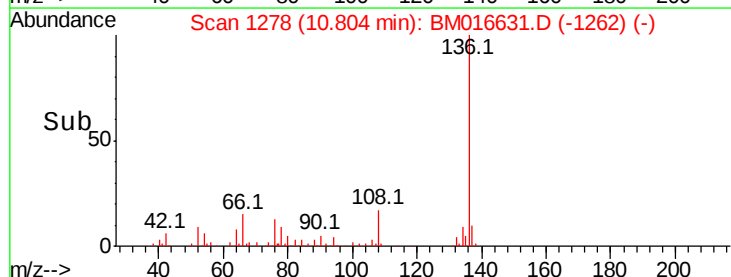
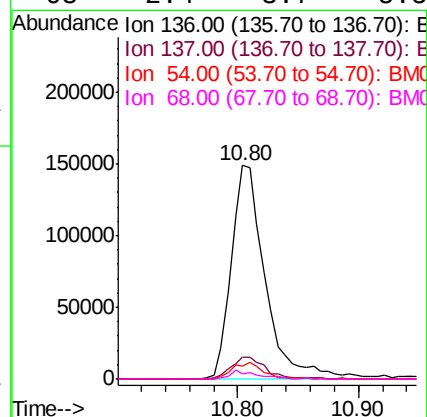
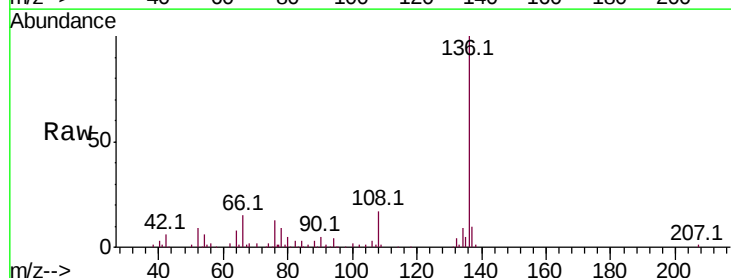
Ion Ratio Lower Upper

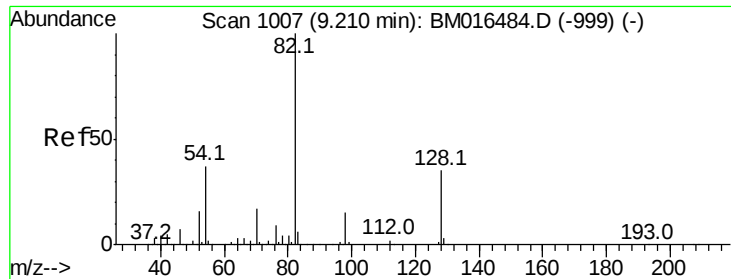
136 100

137 10.4 8.7 13.1

54 5.9 4.6 6.8

68 2.4 3.7 5.5#

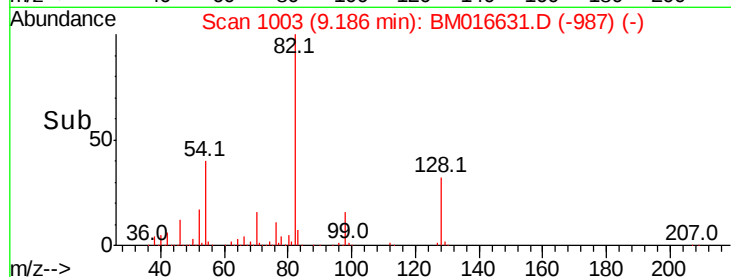
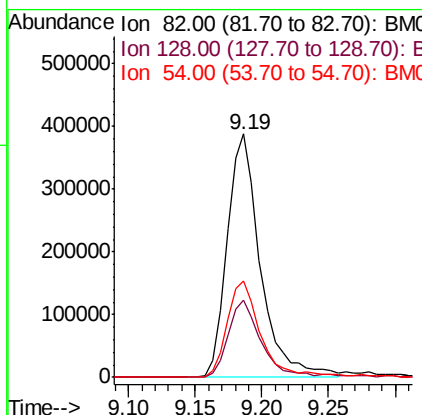
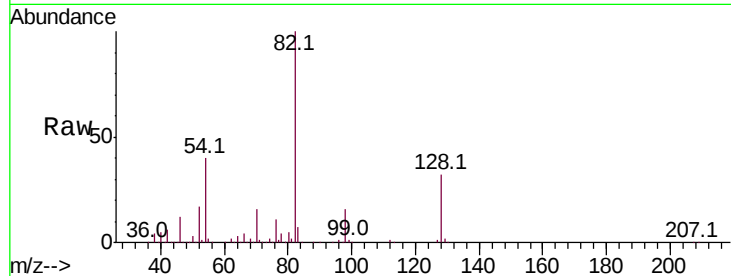




#23
 Nitrobenzene-d5
 Concen: 106.566 ng
 RT: 9.19 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BM016631.D
 Acq: 28 Aug 2018 07:03

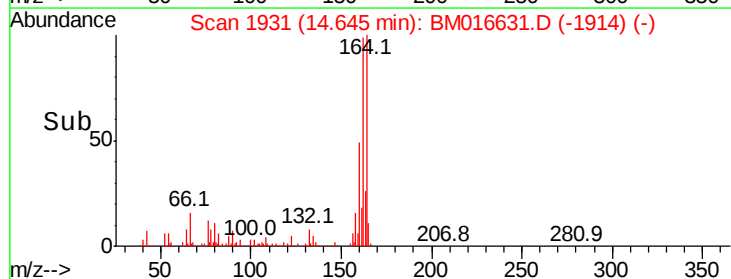
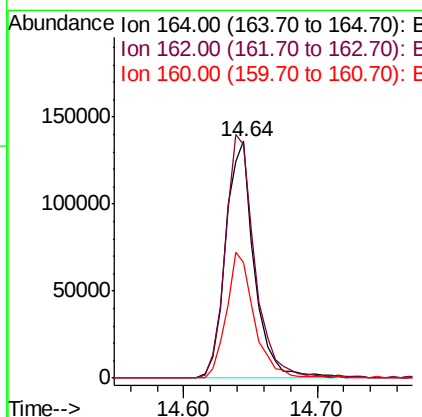
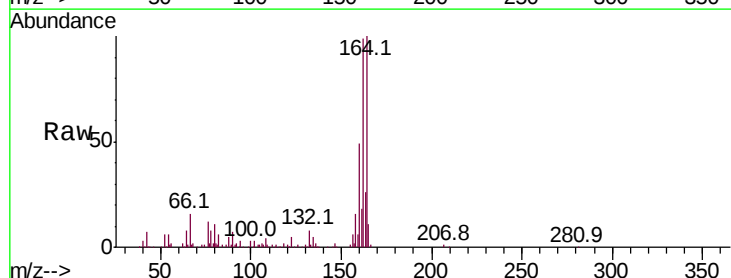
Instrument :
 BNA_M
 ClientSampleID :
 PB112404BL

Tot Ion: 82 Resp: 674932
 Ion Ratio Lower Upper
 82 100
 128 31.8 32.8 49.2#
 54 39.8 40.6 60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: BM016631.D
 Acq: 28 Aug 2018 07:03

Tgt Ion:164 Resp: 204787
 Ion Ratio Lower Upper
 164 100
 162 98.5 82.4 123.6
 160 48.9 35.8 53.6

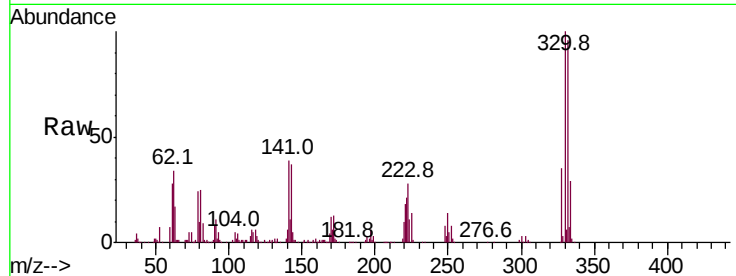




#41
 2,4,6-Tribromophenol
 Concen: 92.209 ng
 RT: 16.13 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BM016631.D
 Acq: 28 Aug 2018 07:03

Instrument :
 BNA_M
 ClientSampleId :
 PB112404BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	36.1	0.0	0.0#

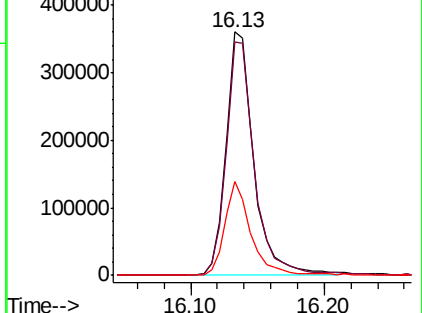
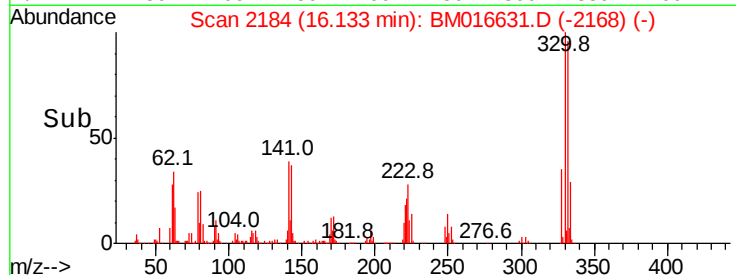


Abundance

Ion 329.80 (329.50 to 330.50): E

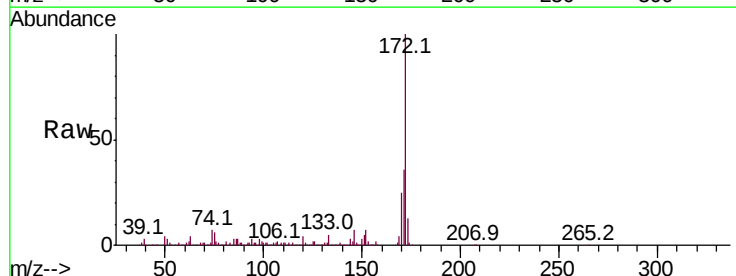
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 110.560 ng
 RT: 13.26 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BM016631.D
 Acq: 28 Aug 2018 07:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.5	42.7
170	24.9	18.8	28.2

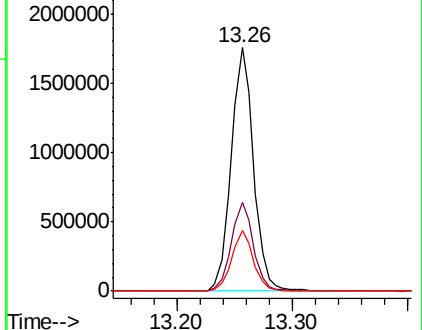
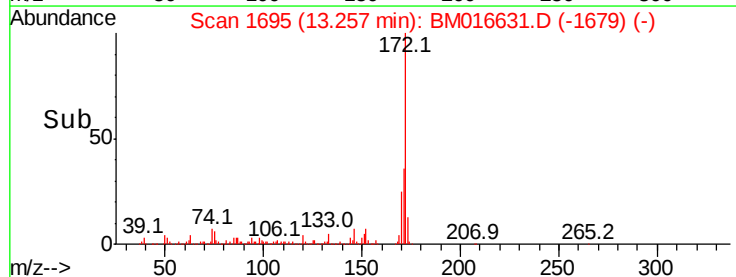


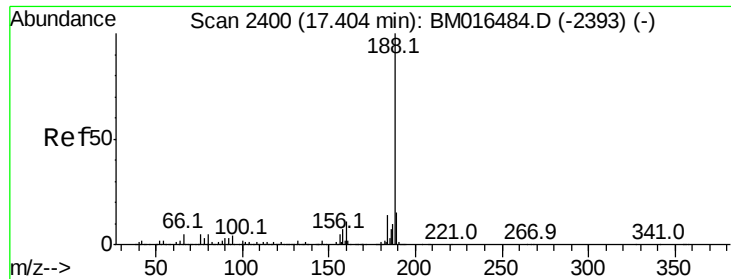
Abundance

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

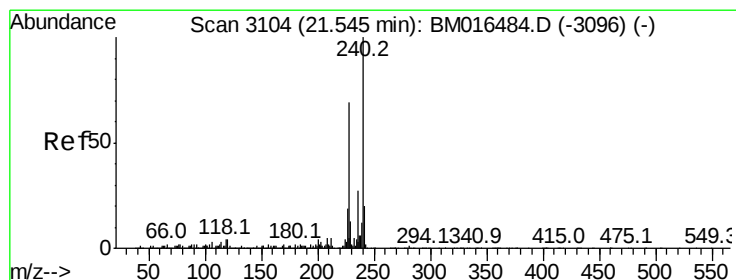
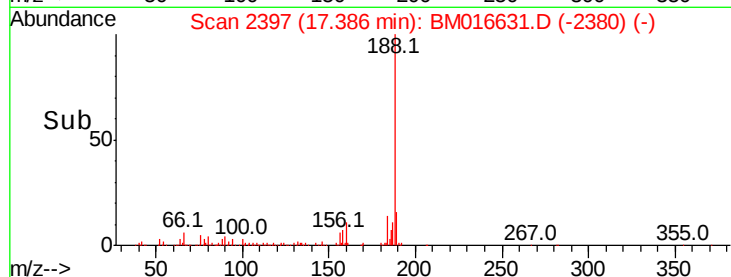
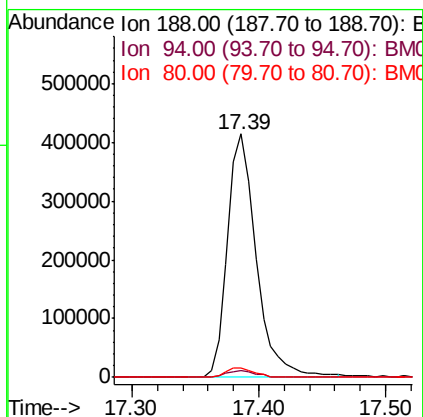
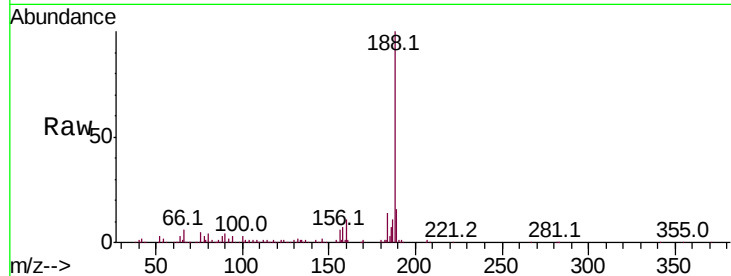




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2397
Delta R.T. -0.00 min
Lab File: BM016631.D
Acq: 28 Aug 2018 07:03

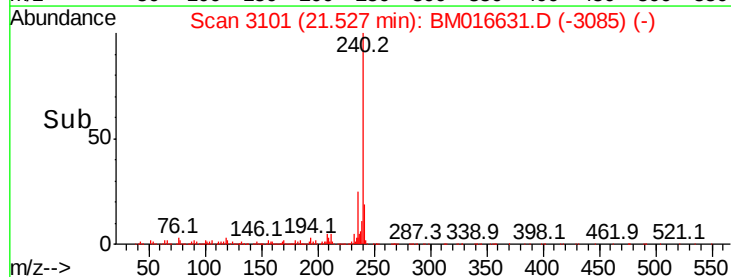
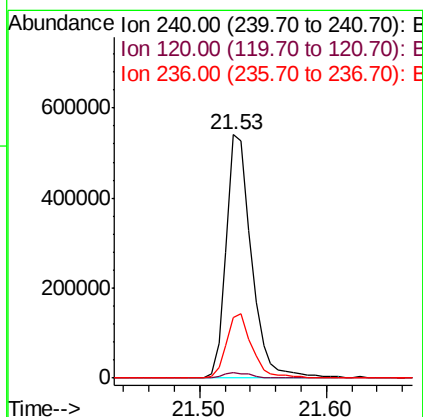
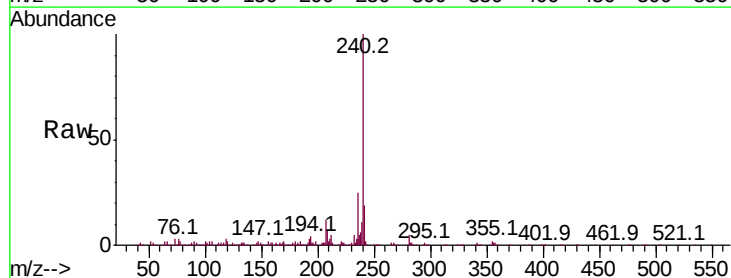
Instrument :
BNA_M
ClientSampled :
PB112404BL

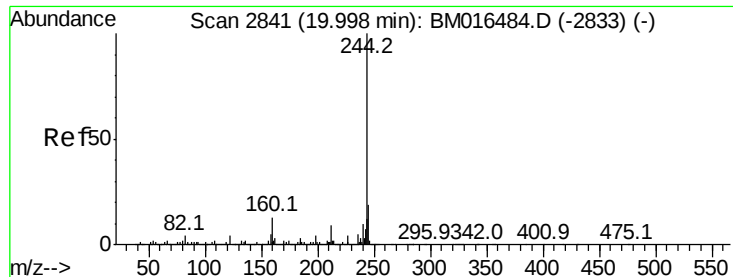
Tot Ion:188 Resp: 652961
Ion Ratio Lower Upper
188 100
94 2.9 8.7 13.1#
80 3.7 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.53 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM016631.D
Acq: 28 Aug 2018 07:03

Tgt Ion:240 Resp: 747936
Ion Ratio Lower Upper
240 100
120 2.1 8.2 12.2#
236 25.1 20.0 30.0





#78

Terphenyl-d14

Concen: 140.571 ng

RT: 19.97 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BM016631.D

Acq: 28 Aug 2018 07:03

Instrument :

BNA_M

ClientSampleId :

PB112404BL

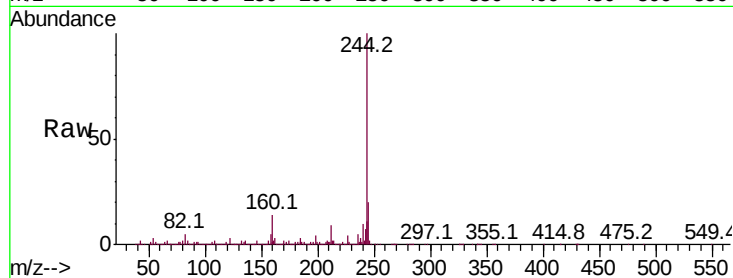
Tot Ion:244 Resp: 4967387

Ion Ratio Lower Upper

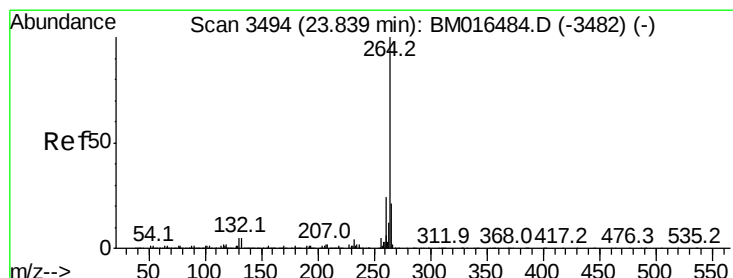
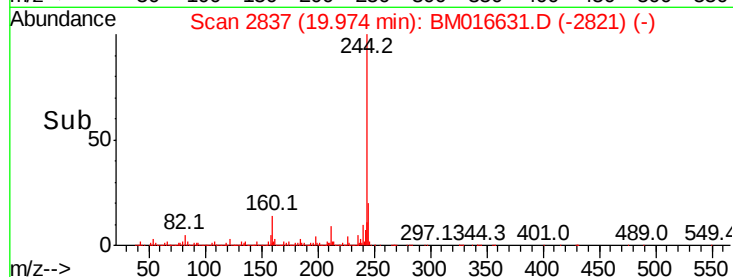
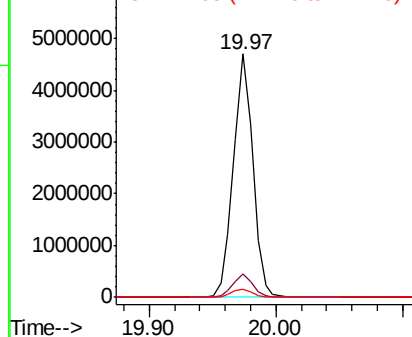
244 100

212 9.5 4.9 7.3#

122 3.2 6.2 9.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.81 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BM016631.D

Acq: 28 Aug 2018 07:03

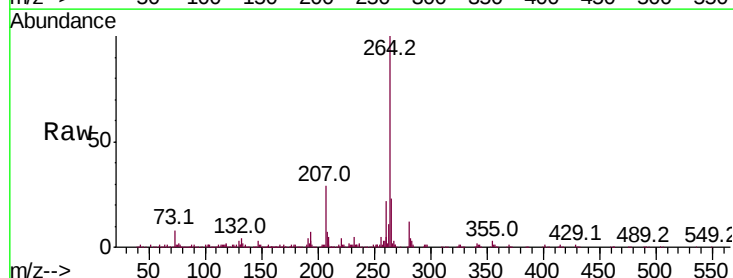
Tgt Ion:264 Resp: 849038

Ion Ratio Lower Upper

264 100

260 21.5 18.6 27.8

265 23.1 17.3 25.9



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

