

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\
 Data File : BM016626.D
 Acq On : 28 Aug 2018 04:03
 Operator : SJ/JU
 Sample : J4660-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 082318-TIPC-F-D-S

Quant Time: Aug 28 05:25:03 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	74991	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	248073	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	184190	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	652521	20.00	ng	0.00
75) Chrysene-d12	21.53	240	990650	20.00	ng	0.00
86) Perylene-d12	23.81	264	1142137	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	147862	38.64	ng	0.00
7) Phenol-d6	7.19	99	109983	21.72	ng	0.00
23) Nitrobenzene-d5	9.19	82	666375	122.65	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	586863	113.98	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	2303494	120.21	ng	0.00
78) Terphenyl-d14	19.97	244	6967494	148.86	ng	0.00

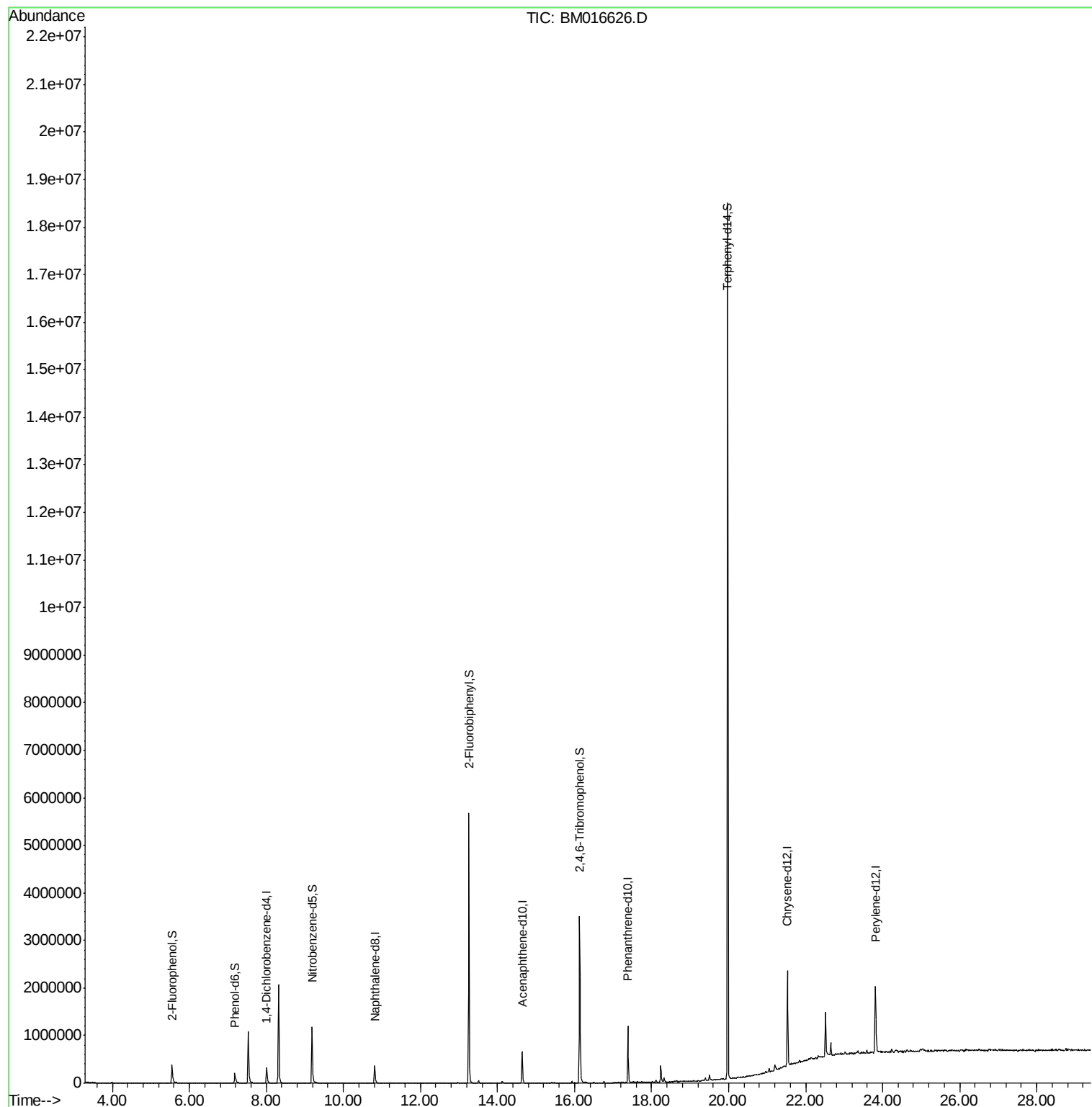
Target Compounds Qvalue

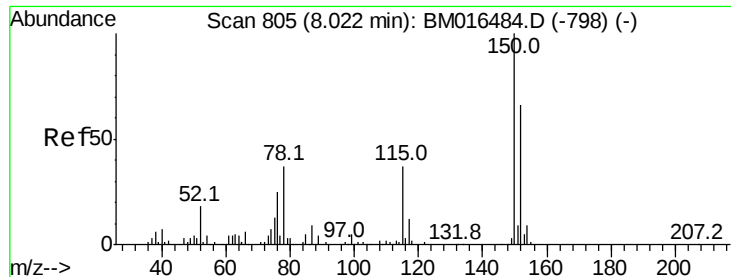
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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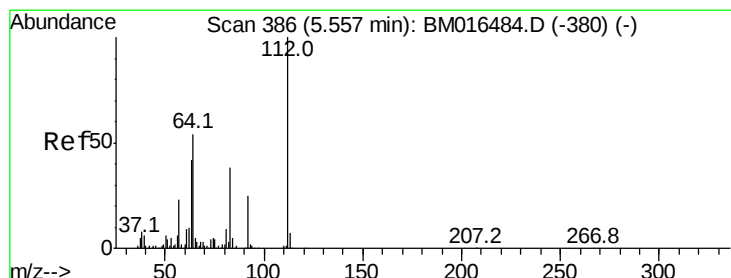
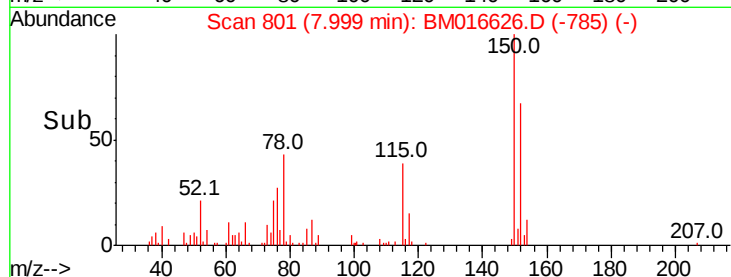
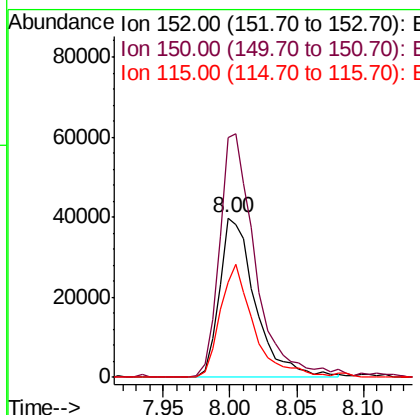
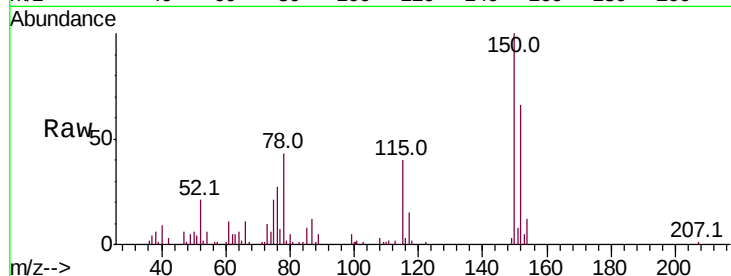


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 801
Delta R.T. -0.01 min
Lab File: BM016626.D
Acq: 28 Aug 2018 04:03

Instrument :
BNA_M
ClientSampleId :
082318-TIPC-F-D-S

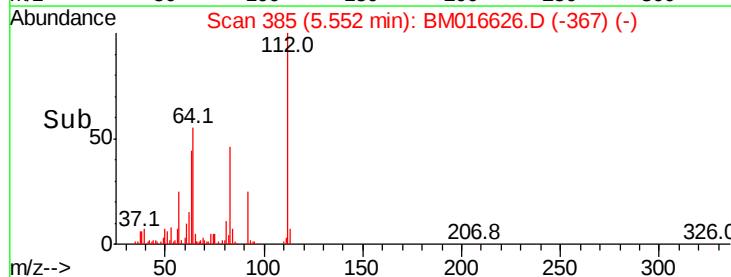
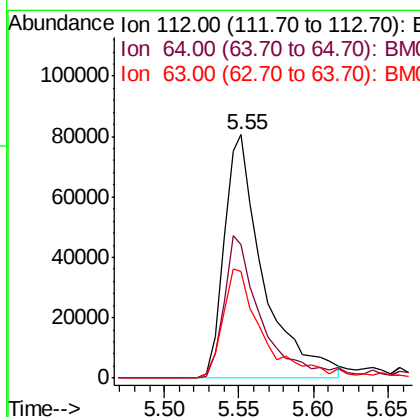
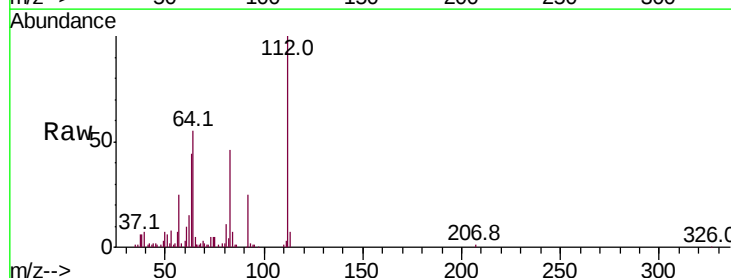
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	119.5	179.3
115	60.0	43.0	64.4

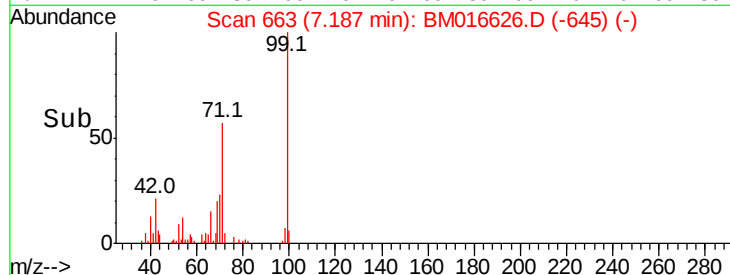
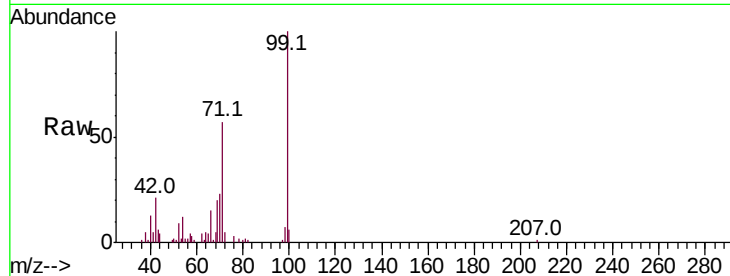


#5

2-Fluorophenol
Concen: 38.638 ng
RT: 5.55 min Scan# 385
Delta R.T. 0.01 min
Lab File: BM016626.D
Acq: 28 Aug 2018 04:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	38.6	57.8
63	43.6	19.3	28.9





#7

Phenol-d6

Concen: 21.718 ng

RT: 7.19 min Scan# 663

Delta R.T. 0.01 min

Lab File: BM016626.D

Acq: 28 Aug 2018 04:03

Instrument :

BNA_M

ClientSampleId :

082318-TIPC-F-D-S

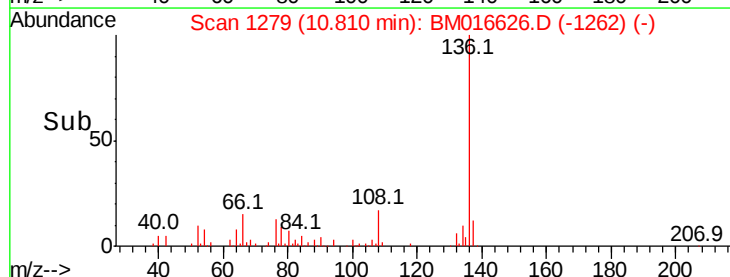
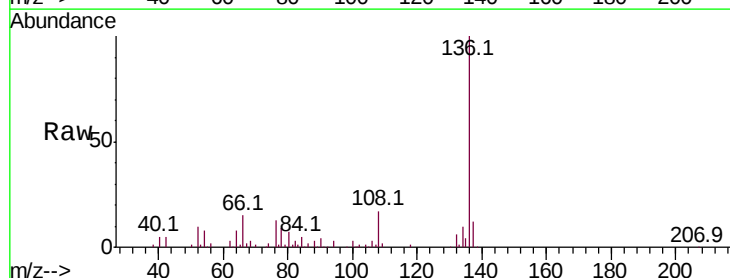
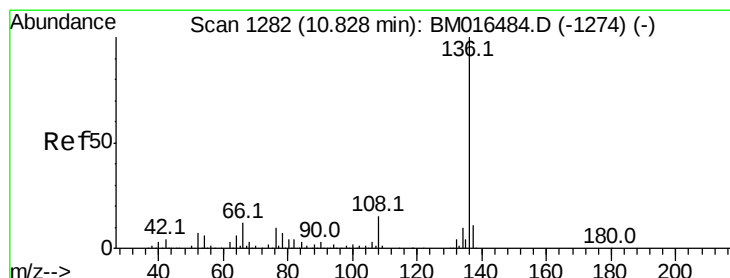
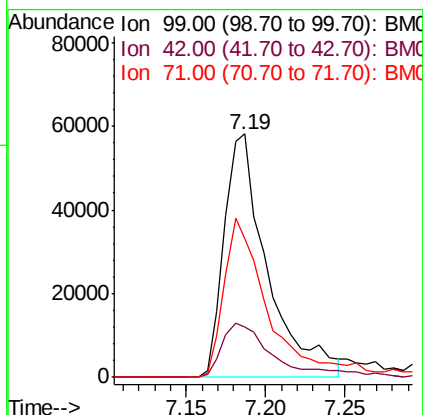
Tot Ion: 99 Resp: 109983

Ion Ratio Lower Upper

99 100

42 20.7 11.0 16.4#

71 57.0 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BM016626.D

Acq: 28 Aug 2018 04:03

Tgt Ion: 136 Resp: 248073

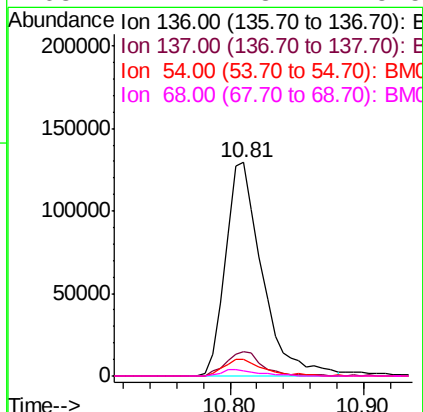
Ion Ratio Lower Upper

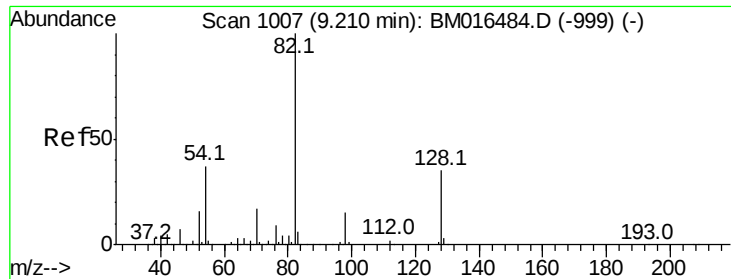
136 100

137 11.5 8.7 13.1

54 8.0 4.6 6.8#

68 2.7 3.7 5.5#

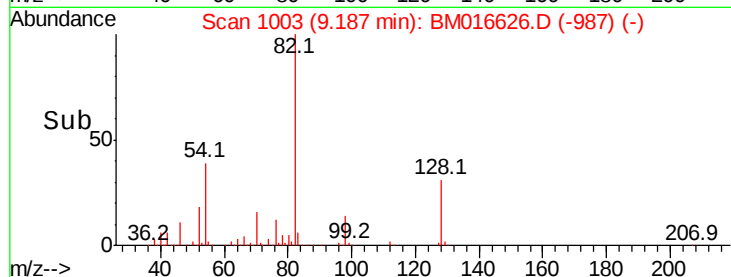
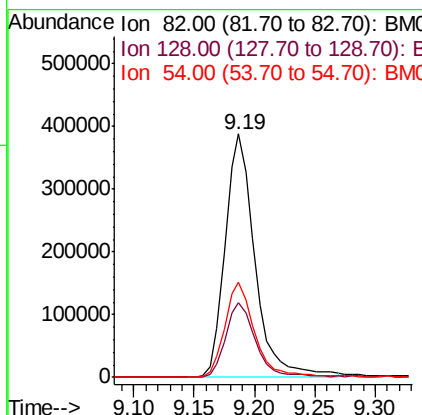
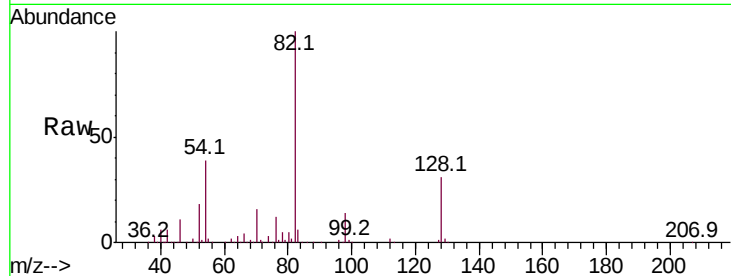




#23
 Nitrobenzene-d5
 Concen: 122.649 ng
 RT: 9.19 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BM016626.D
 Acq: 28 Aug 2018 04:03

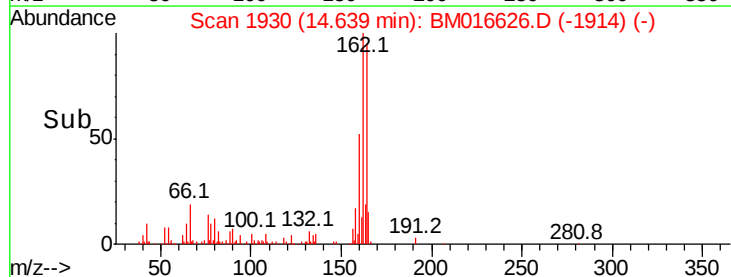
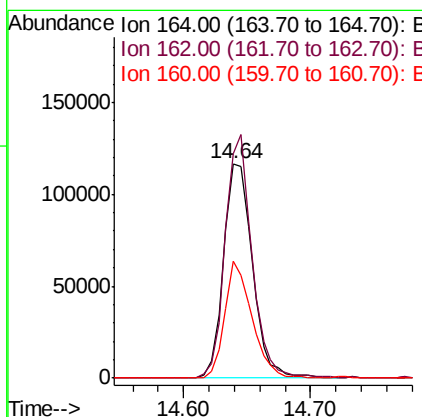
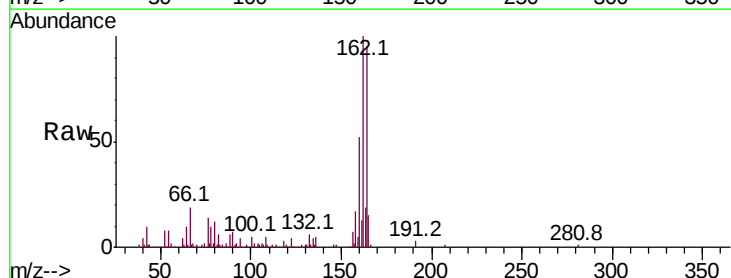
Instrument :
 BNA_M
 ClientSampleId :
 082318-TIPC-F-D-S

Tot Ion	82	Resp	666375
Ion Ratio	Lower	Upper	
82	100		
128	30.9	32.8	49.2#
54	38.9	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BM016626.D
 Acq: 28 Aug 2018 04:03

Tgt Ion	164	Resp	184190
Ion Ratio	Lower	Upper	
164	100		
162	104.8	82.4	123.6
160	54.6	35.8	53.6#

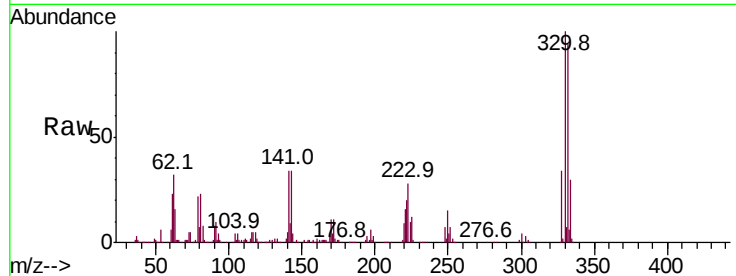




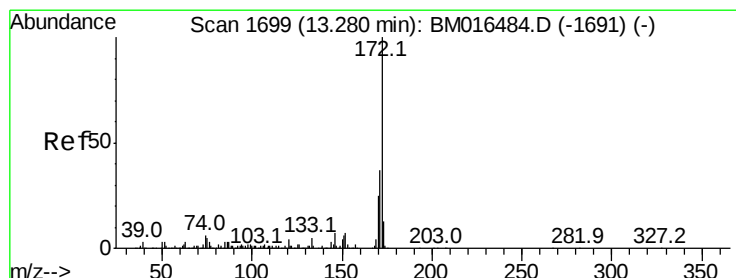
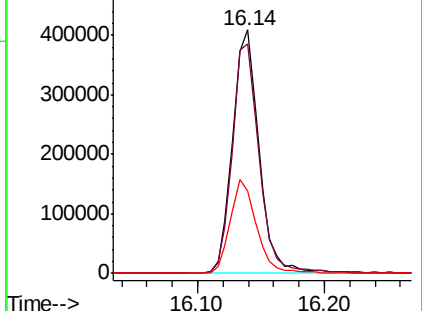
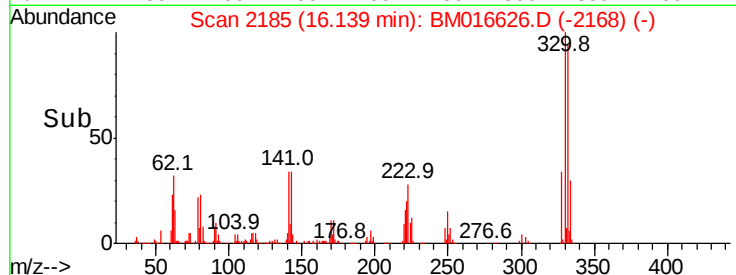
#41
 2,4,6-Tribromophenol
 Concen: 113.979 ng
 RT: 16.14 min Scan# 2185
 Delta R.T. 0.00 min
 Lab File: BM016626.D
 Acq: 28 Aug 2018 04:03

Instrument :
 BNA_M
 ClientSampleId :
 082318-TIPC-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	38.3	0.0	0.0#

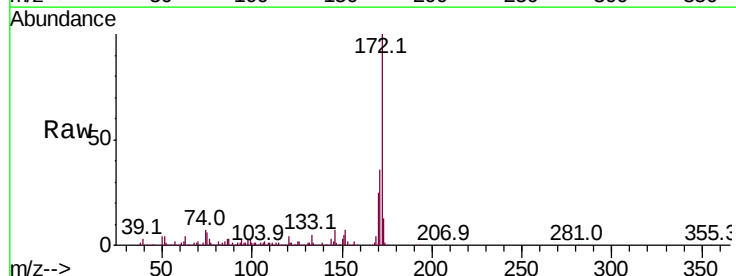


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

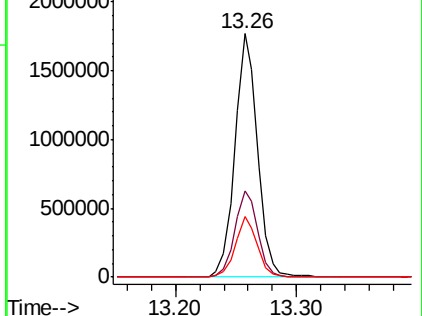
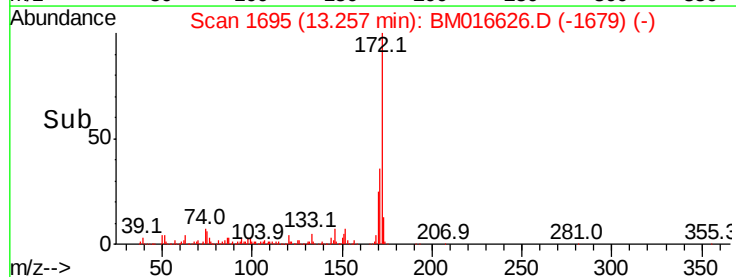


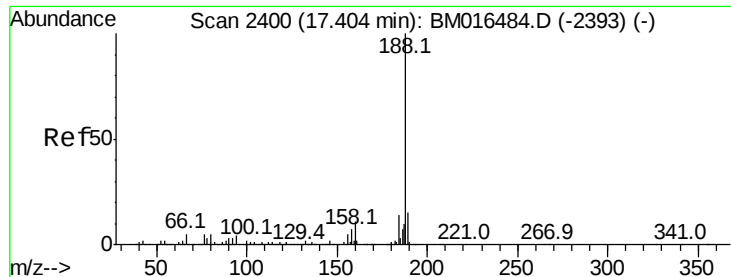
#44
 2-Fluorobiphenyl
 Concen: 120.211 ng
 RT: 13.26 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BM016626.D
 Acq: 28 Aug 2018 04:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	24.7	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

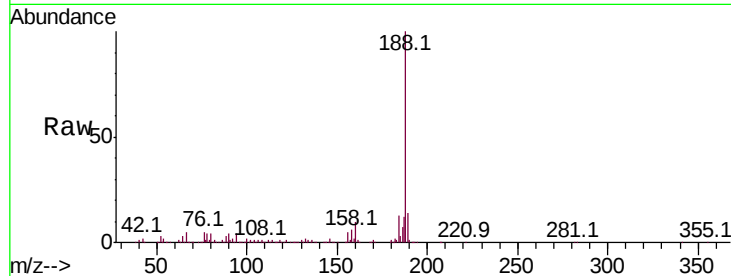




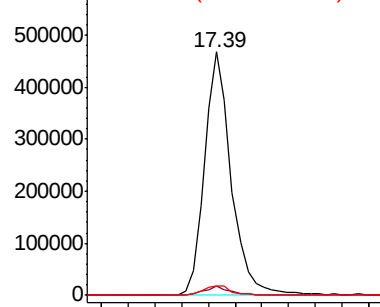
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BM016626.D
Acq: 28 Aug 2018 04:03

Instrument :
BNA_M
ClientSampleId :
082318-TIPC-F-D-S

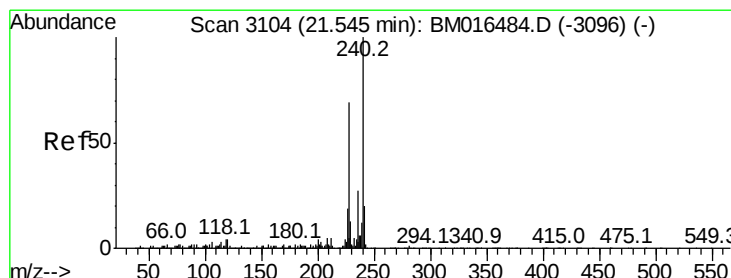
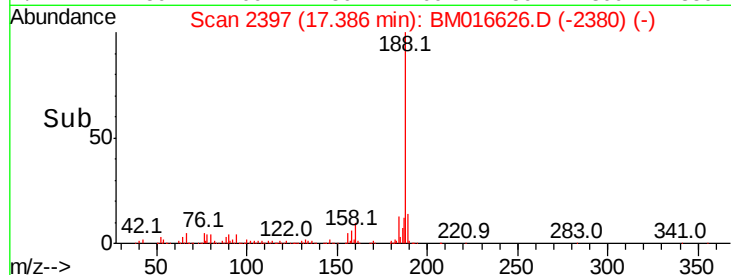
Tot Ion:188 Resp: 652521
Ion Ratio Lower Upper
188 100
94 4.0 8.7 13.1#
80 3.9 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

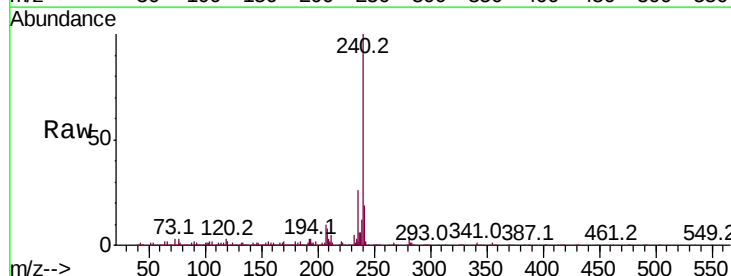


Time--> 17.30 17.40

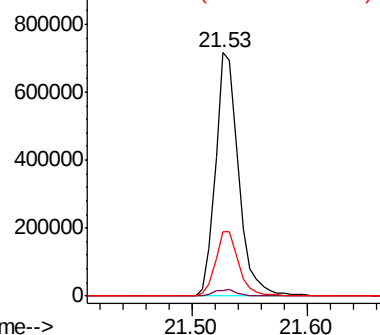


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.53 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM016626.D
Acq: 28 Aug 2018 04:03

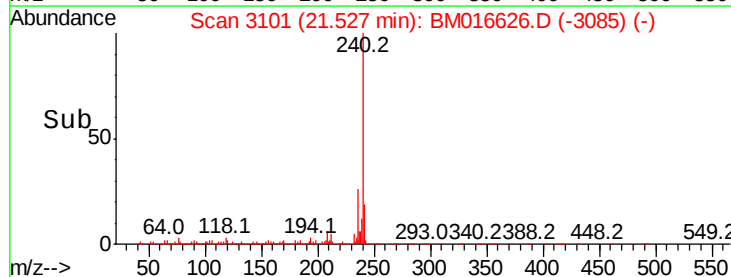
Tgt Ion:240 Resp: 990650
Ion Ratio Lower Upper
240 100
120 2.5 8.2 12.2#
236 26.3 20.0 30.0

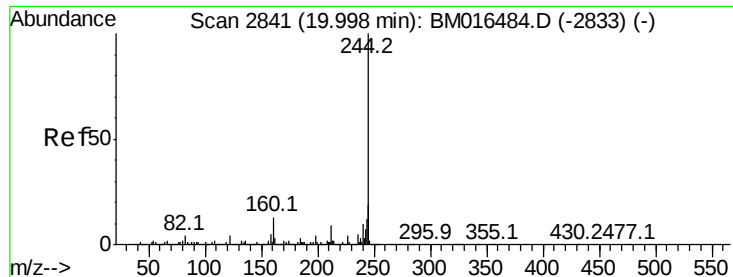


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 21.50 21.60





#78

Terphenyl-d14

Concen: 148.864 ng

RT: 19.97 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BM016626.D

Acq: 28 Aug 2018 04:03

Instrument :

BNA_M

ClientSampleId :

082318-TIPC-F-D-S

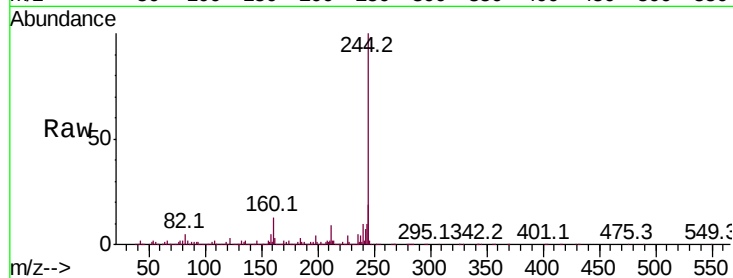
Tot Ion:244 Resp: 6967494

Ion Ratio Lower Upper

244 100

212 9.4 4.9 7.3#

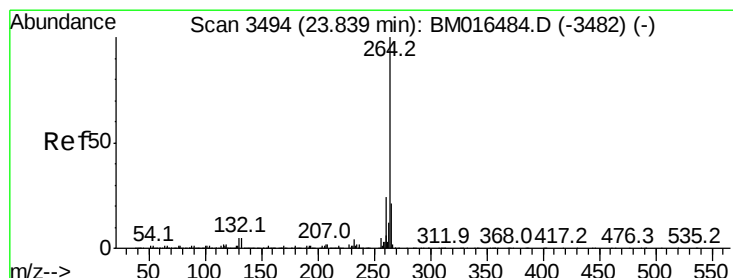
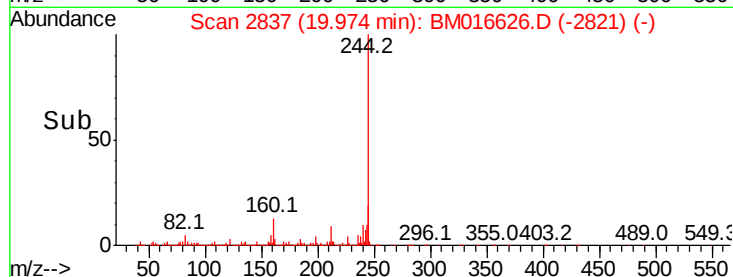
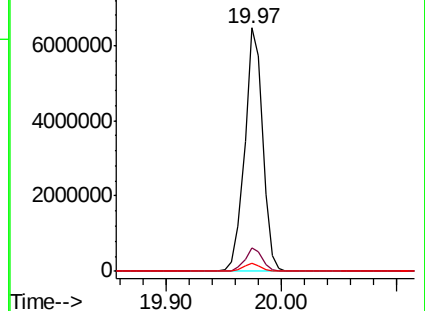
122 3.2 6.2 9.4#



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: BM016626.D

Acq: 28 Aug 2018 04:03

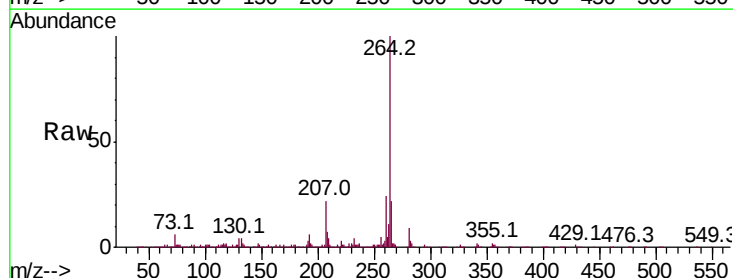
Tgt Ion:264 Resp: 1142137

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 22.4 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

