

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081817\
 Data File : BM011296.D
 Acq On : 18 Aug 2017 20:16
 Operator : SJ/JU
 Sample : PB101645TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101645TB

Quant Time: Aug 18 23:40:44 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 02:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	88978	20.00	ng	-0.02
21) Naphthalene-d8	10.03	136	292453	20.00	ng	-0.02
38) Acenaphthene-d10	13.94	164	189633	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	458770	20.00	ng	-0.01
75) Chrysene-d12	20.93	240	582017	20.00	ng	-0.02
86) Perylene-d12	23.00	264	437418	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	722365	137.24	ng	-0.02
7) Phenol-d6	6.47	99	993514	132.85	ng	-0.02
23) Nitrobenzene-d5	8.42	82	909465	116.72	ng	-0.02
41) 2,4,6-Tribromophenol	15.44	330	351964	115.80	ng	-0.02
44) 2-Fluorobiphenyl	12.55	172	1397224	92.41	ng	-0.02
78) Terphenyl-d14	19.37	244	2271448	77.31	ng	-0.02

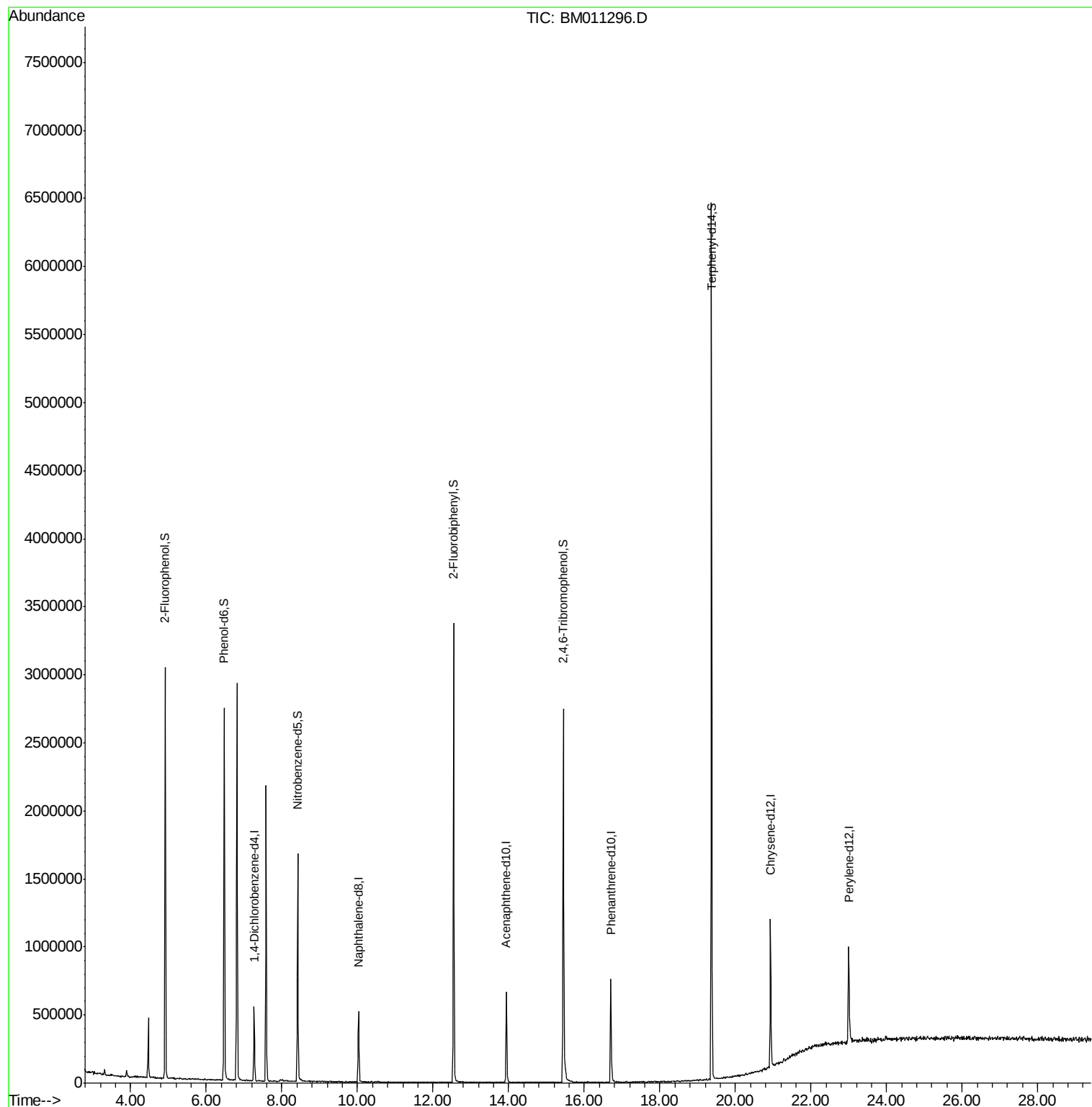
Target Compounds	Qvalue
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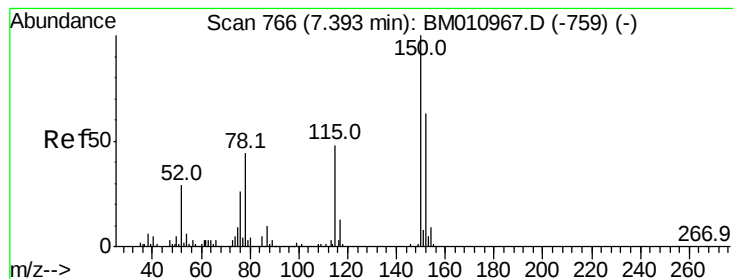
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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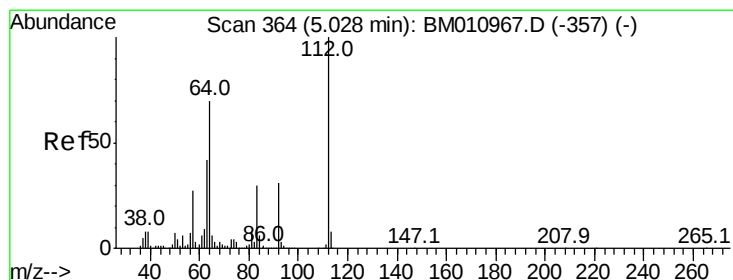
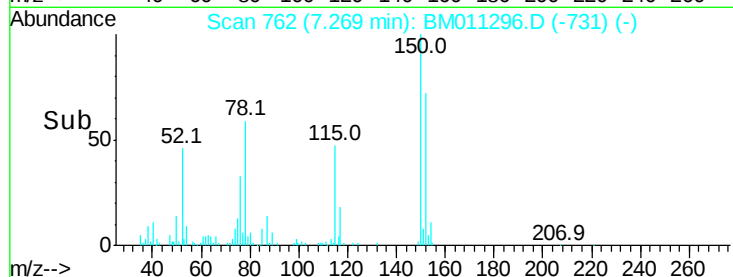
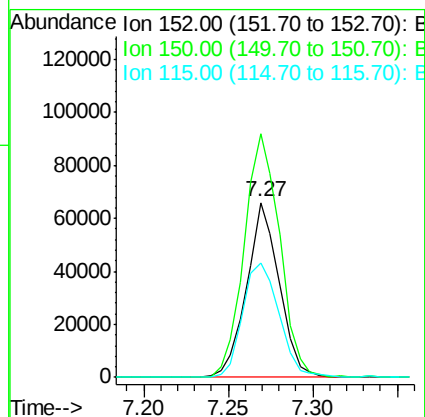
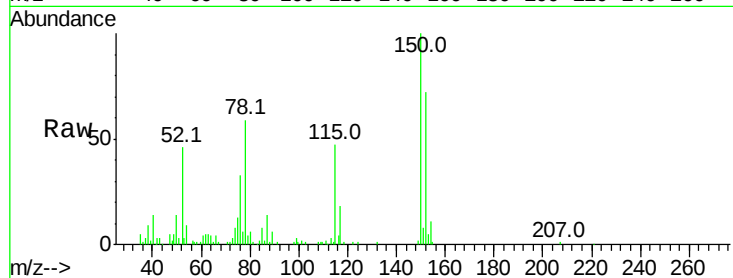


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 762
Delta R.T. -0.02 min
Lab File: BM011296.D
Acq: 18 Aug 2017 20:16

Instrument :
BNA_M
ClientSampleId :
PB101645TB

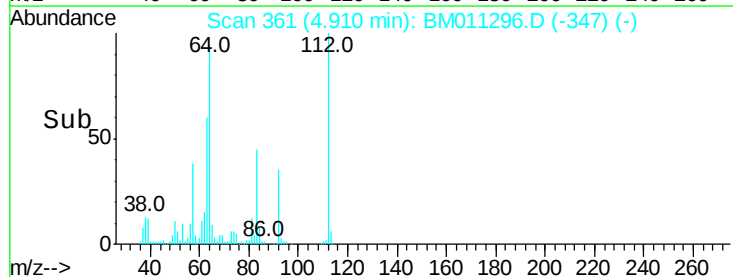
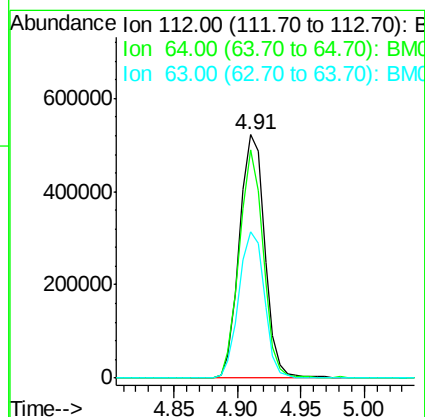
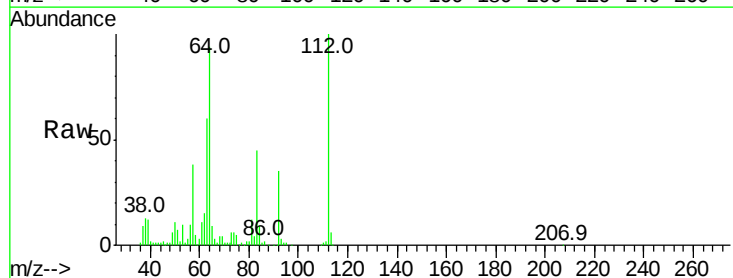
Tot Ion:152 Resp: 88978
Ion Ratio Lower Upper
152 100
150 139.3 119.5 179.3
115 65.5 43.0 64.4#



#5

2-Fluorophenol
Concen: 137.238 ng
RT: 4.91 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM011296.D
Acq: 18 Aug 2017 20:16

Tgt Ion:112 Resp: 722365
Ion Ratio Lower Upper
112 100
64 93.7 38.6 57.8#
63 60.0 19.3 28.9#





#7

Phenol-d6

Concen: 132.847 ng

RT: 6.47 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM011296.D

Acq: 18 Aug 2017 20:16

Instrument :

BNA_M

ClientSampleId :

PB101645TB

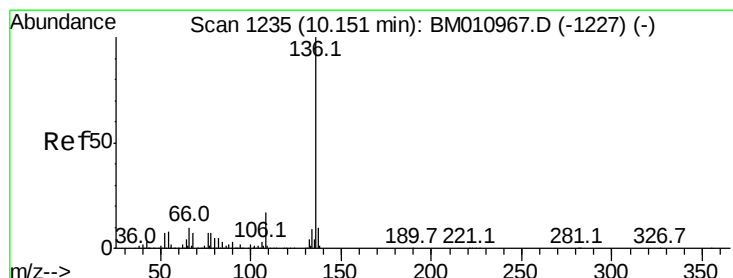
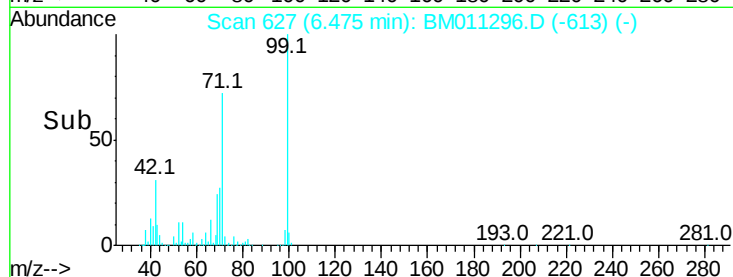
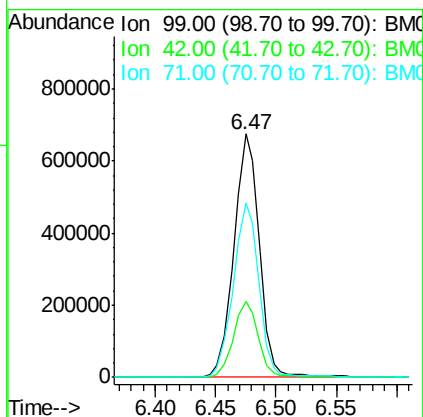
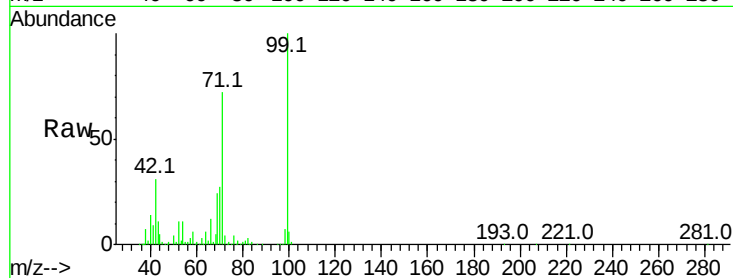
Tot Ion: 99 Resp: 993514

Ion Ratio Lower Upper

99 100

42 31.1 11.0 16.4#

71 71.7 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.03 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BM011296.D

Acq: 18 Aug 2017 20:16

Tgt Ion: 136 Resp: 292453

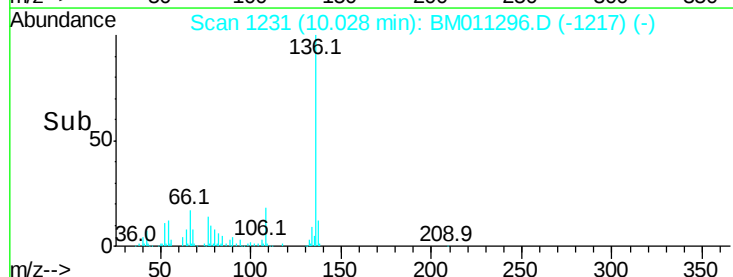
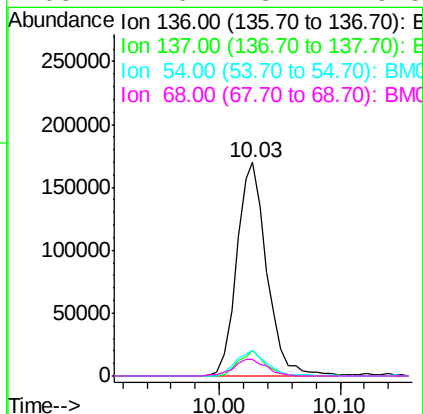
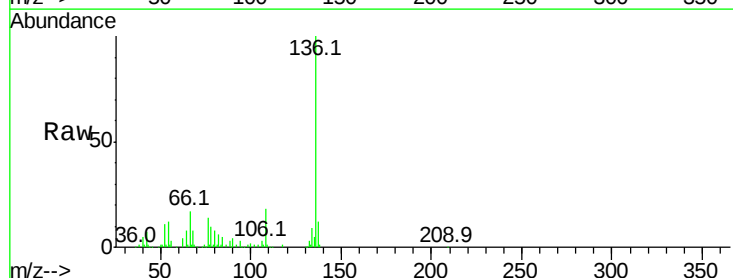
Ion Ratio Lower Upper

136 100

137 12.1 8.7 13.1

54 12.1 4.6 6.8#

68 7.6 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 116.715 ng

RT: 8.42 min Scan# 957

Delta R.T. -0.02 min

Lab File: BM011296.D

Acq: 18 Aug 2017 20:16

Instrument :

BNA_M

ClientSampleId :

PB101645TB

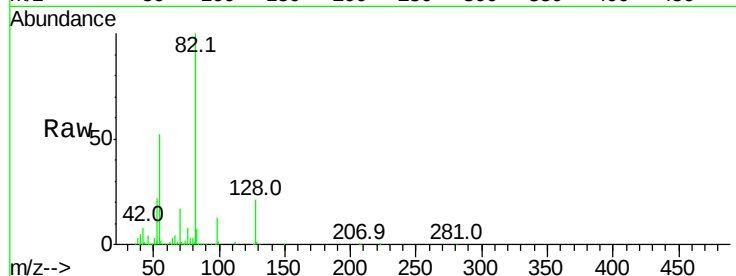
Tot Ion: 82 Resp: 909465

Ion Ratio Lower Upper

82 100

128 20.8 32.8 49.2#

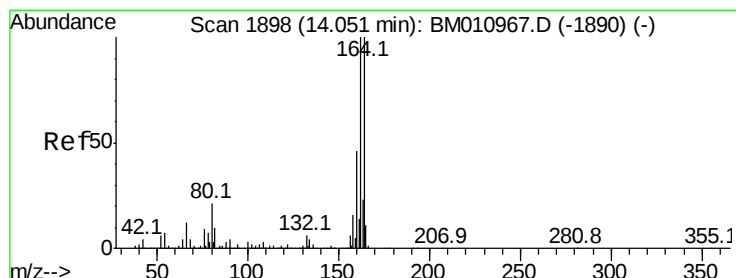
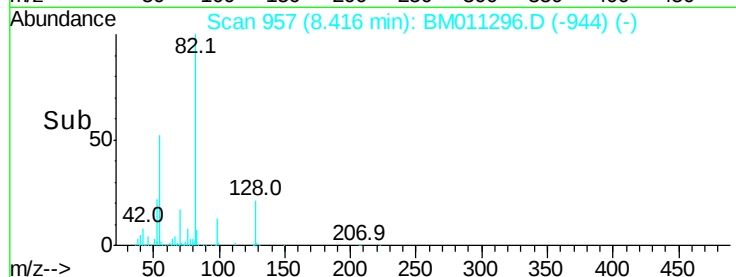
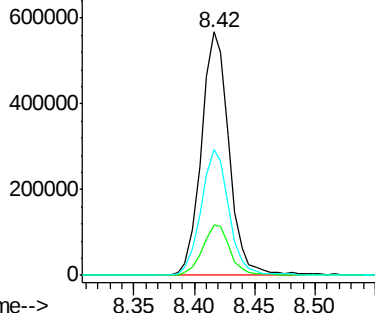
54 51.6 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM011296.D (-944) (-)

Ion 128.00 (127.70 to 128.70): BM011296.D (-944) (-)

Ion 54.00 (53.70 to 54.70): BM011296.D (-944) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.94 min Scan# 1896

Delta R.T. -0.02 min

Lab File: BM011296.D

Acq: 18 Aug 2017 20:16

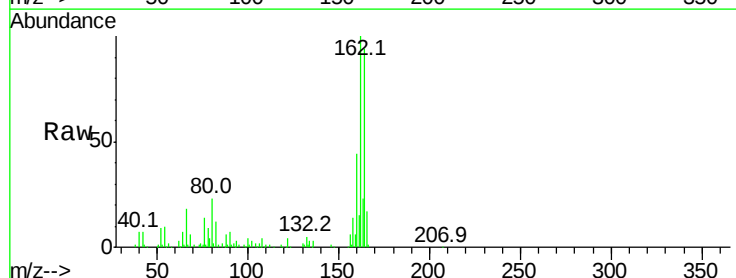
Tgt Ion:164 Resp: 189633

Ion Ratio Lower Upper

164 100

162 106.4 82.4 123.6

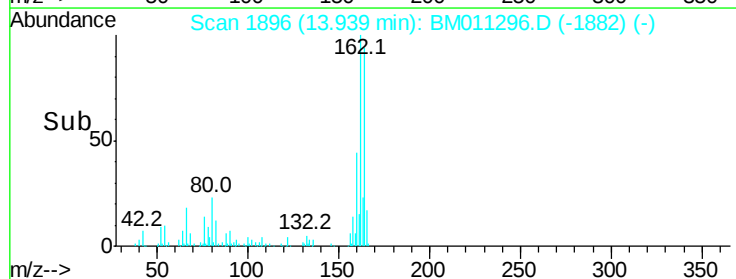
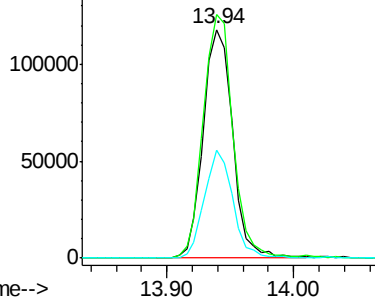
160 47.1 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BM011296.D (-1882) (-)

Ion 162.00 (161.70 to 162.70): BM011296.D (-1882) (-)

Ion 160.00 (159.70 to 160.70): BM011296.D (-1882) (-)

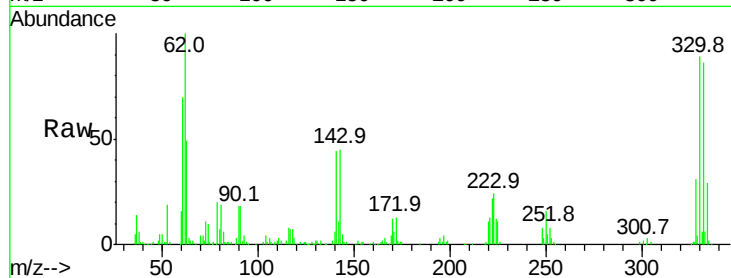




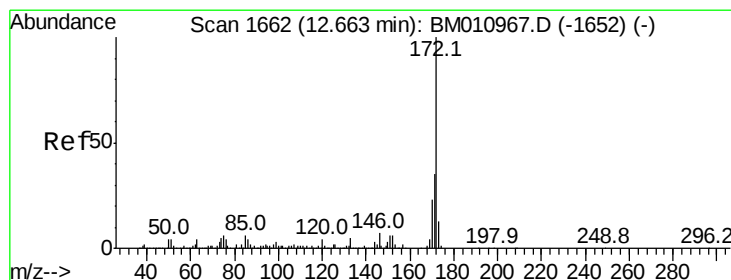
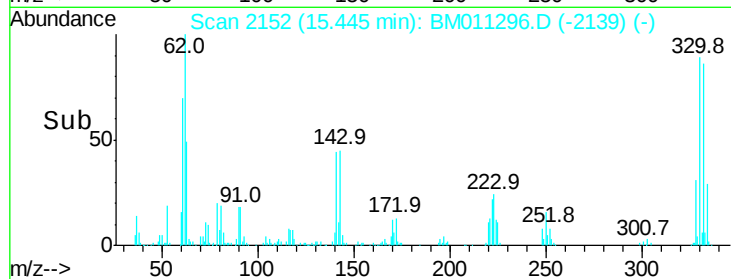
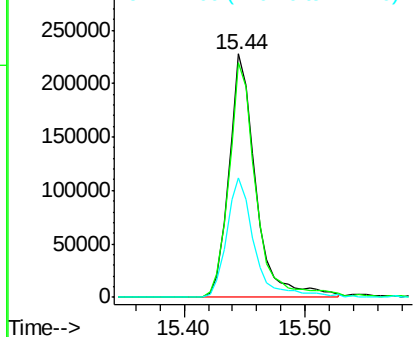
#41
 2,4,6-Tribromophenol
 Concen: 115.800 ng
 RT: 15.44 min Scan# 2152
 Delta R.T. -0.02 min
 Lab File: BM011296.D
 Acq: 18 Aug 2017 20:16

Instrument :
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 PB101645TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	50.4	0.0	0.0#

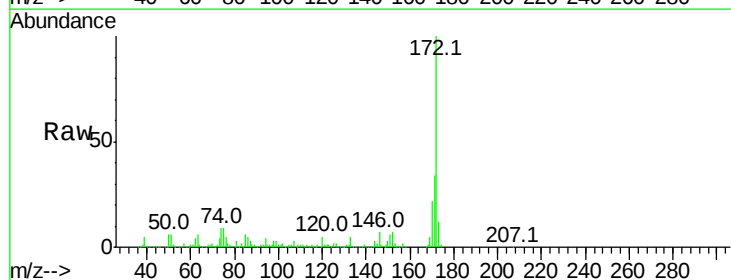


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

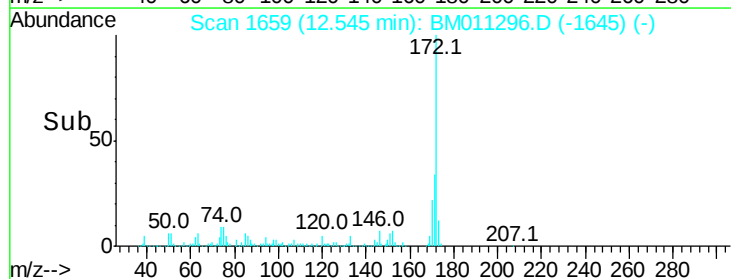
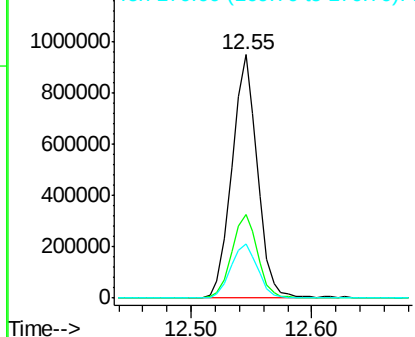


#44
 2-Fluorobiphenyl
 Concen: 92.405 ng
 RT: 12.55 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM011296.D
 Acq: 18 Aug 2017 20:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.5	42.7
170	22.4	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

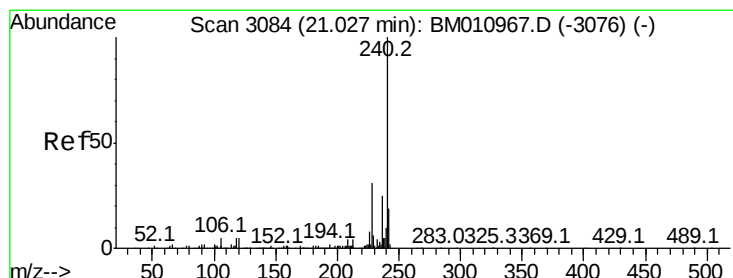
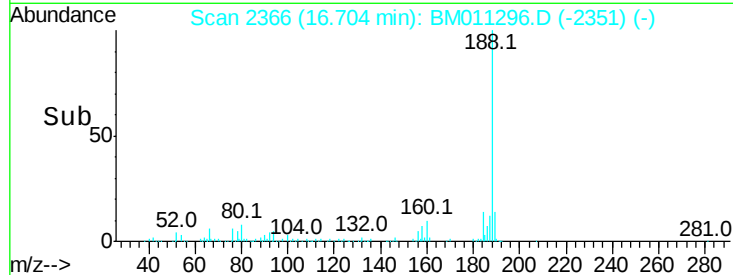
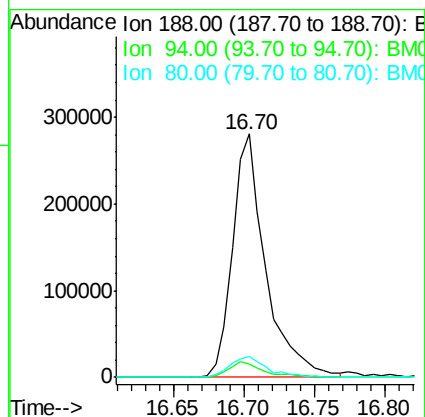
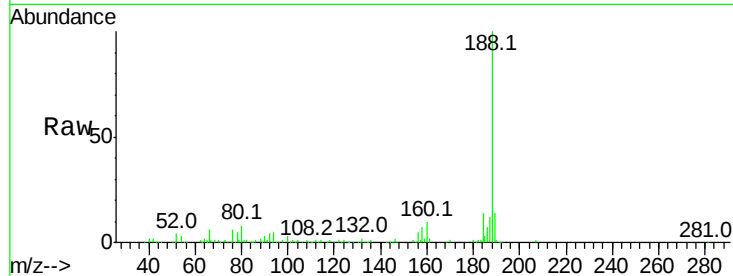




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.70 min Scan# 2366
 Delta R.T. -0.01 min
 Lab File: BM011296.D
 Acq: 18 Aug 2017 20:16

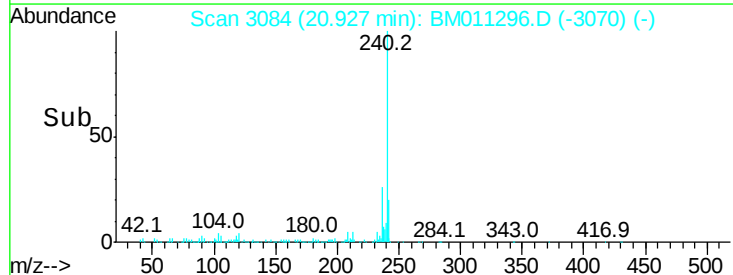
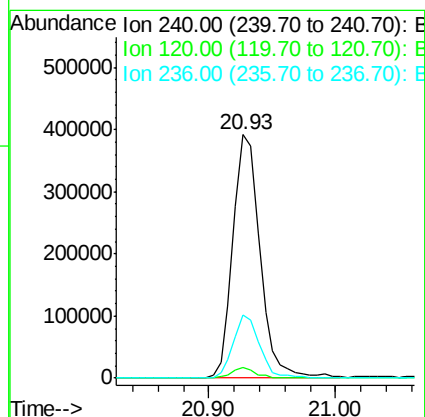
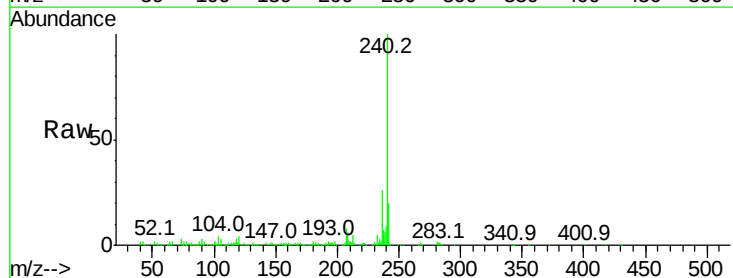
Instrument :
 BNA_M
 ClientSampleId :
 PB101645TB

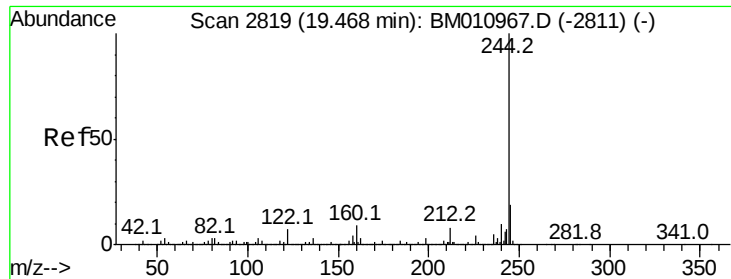
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.4	8.7	13.1#
80	8.3	9.3	13.9#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 20.93 min Scan# 3084
 Delta R.T. -0.02 min
 Lab File: BM011296.D
 Acq: 18 Aug 2017 20:16

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.2	8.2	12.2#
236	26.0	20.0	30.0

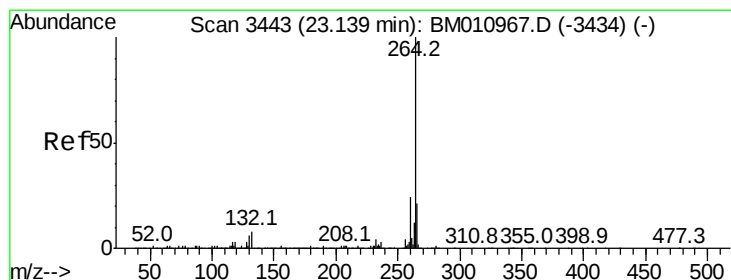
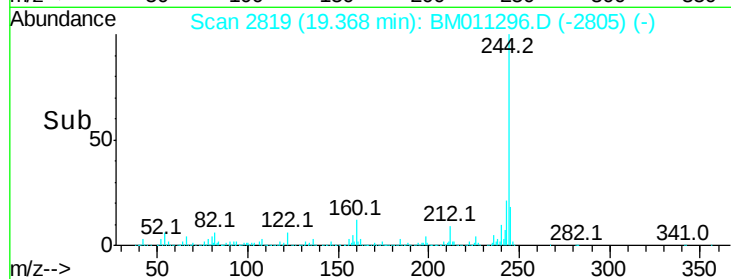
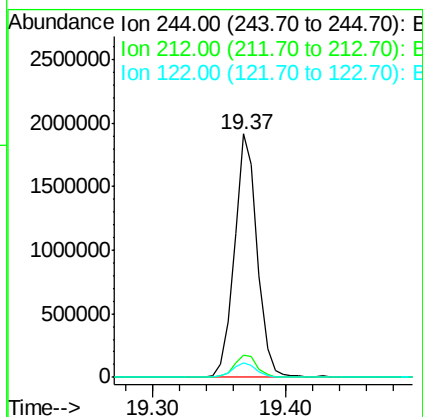
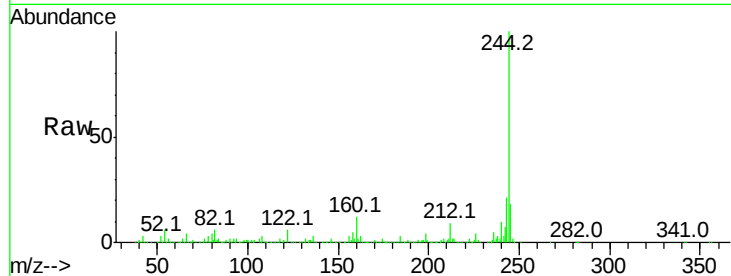




#78
 Terphenyl-d14
 Concen: 77.308 ng
 RT: 19.37 min Scan# 2819
 Delta R.T. -0.02 min
 Lab File: BM011296.D
 Acq: 18 Aug 2017 20:16

Instrument :
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Tot Ion:244 Resp: 2271448
 Ion Ratio Lower Upper
 244 100
 212 9.0 4.9 7.3#
 122 5.8 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.00 min Scan# 3436
 Delta R.T. -0.02 min
 Lab File: BM011296.D
 Acq: 18 Aug 2017 20:16

Tgt Ion:264 Resp: 437418
 Ion Ratio Lower Upper
 264 100
 260 26.3 18.6 27.8
 265 21.5 17.3 25.9

