

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081717\
 Data File : BM011288.D
 Acq On : 18 Aug 2017 05:11
 Operator : SJ/JU
 Sample : I4847-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PVSC-A-COMP

Quant Time: Aug 18 05:59:27 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	85536	20.00	ng	-0.02
21) Naphthalene-d8	10.03	136	285694	20.00	ng	-0.02
38) Acenaphthene-d10	13.95	164	188889	20.00	ng	-0.01
63) Phenanthrene-d10	16.70	188	498312	20.00	ng	-0.01
75) Chrysene-d12	20.93	240	699635	20.00	ng	-0.02
86) Perylene-d12	23.00	264	677306	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	758403	149.88	ng	-0.01
7) Phenol-d6	6.48	99	969966	134.92	ng	-0.01
23) Nitrobenzene-d5	8.42	82	1019505	133.93	ng	-0.02
41) 2,4,6-Tribromophenol	15.45	330	436743	144.26	ng	-0.02
44) 2-Fluorobiphenyl	12.55	172	1573412	104.47	ng	-0.02
78) Terphenyl-d14	19.37	244	3004092	85.05	ng	-0.01

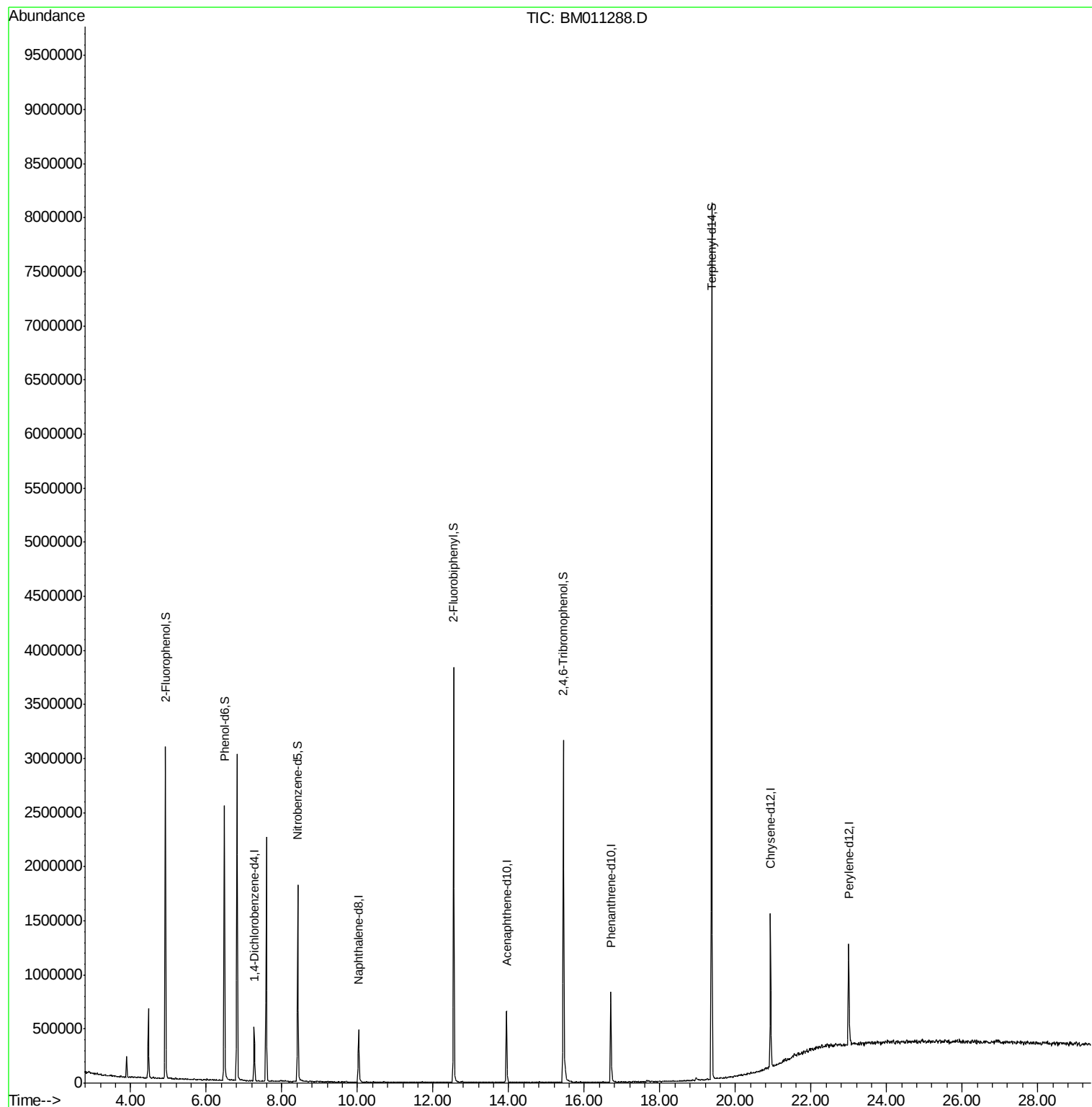
Target Compounds Qvalue

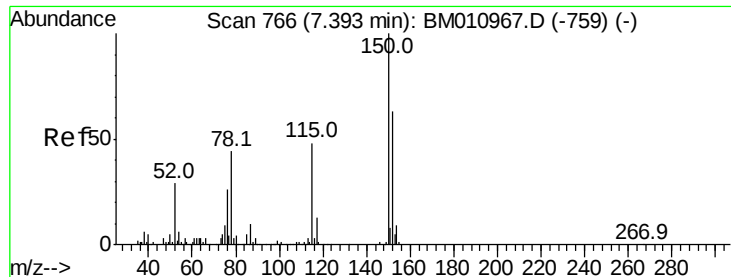
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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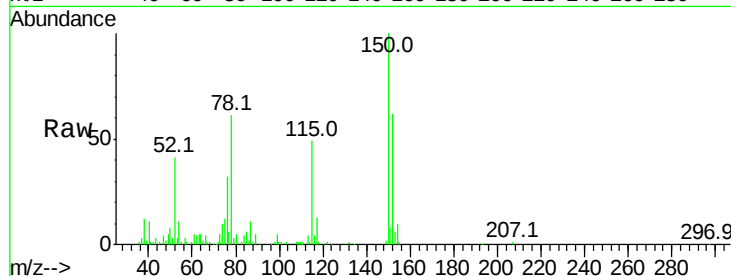


#1

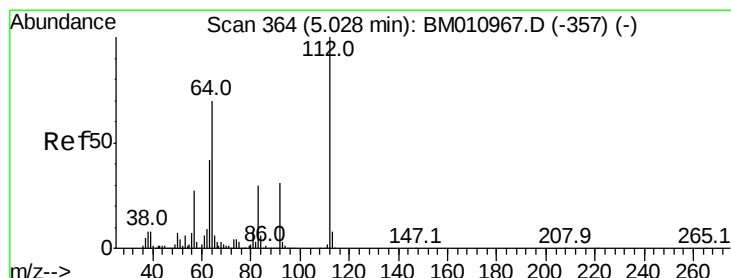
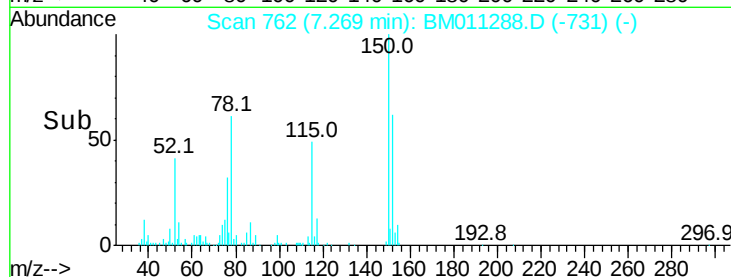
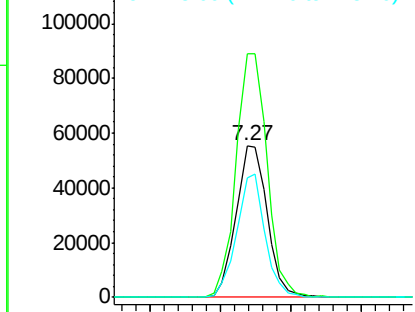
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 762
Delta R.T. -0.02 min
Lab File: BM011288.D
Acq: 18 Aug 2017 05:11

Instrument :
BNA_M
ClientSampleId :
PVSC-A-COMP

Tot Ion:152 Resp: 85536
Ion Ratio Lower Upper
152 100
150 160.7 119.5 179.3
115 78.4 43.0 64.4#



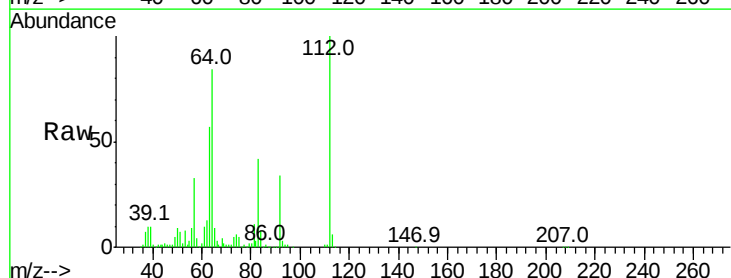
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



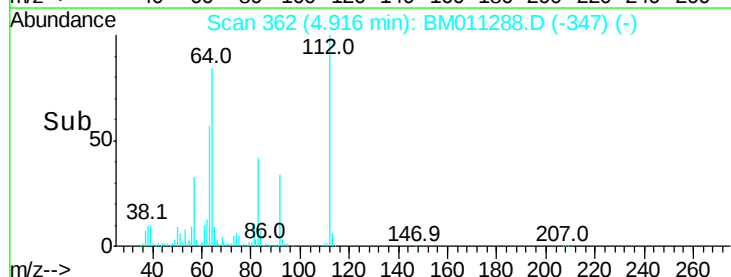
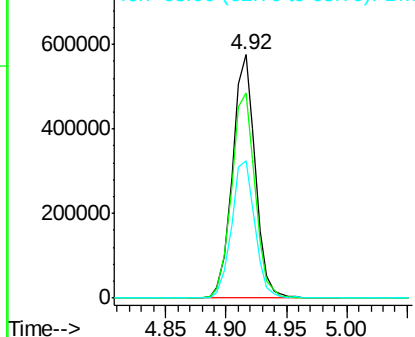
#5

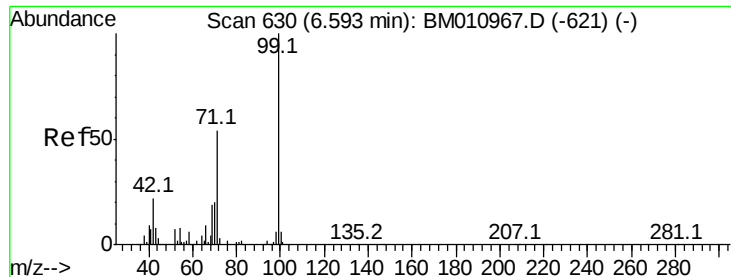
2-Fluorophenol
Concen: 149.882 ng
RT: 4.92 min Scan# 362
Delta R.T. -0.01 min
Lab File: BM011288.D
Acq: 18 Aug 2017 05:11

Tgt Ion:112 Resp: 758403
Ion Ratio Lower Upper
112 100
64 84.4 38.6 57.8#
63 56.6 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: 134.918 ng

RT: 6.48 min Scan# 628

Delta R.T. -0.01 min

Lab File: BM011288.D

Acq: 18 Aug 2017 05:11

Instrument :

BNA_M

ClientSampleId :

PVSC-A-COMP

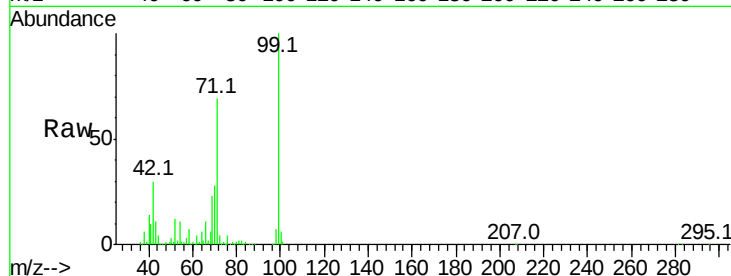
Tot Ion: 99 Resp: 969966

Ion Ratio Lower Upper

99 100

42 29.7 11.0 16.4#

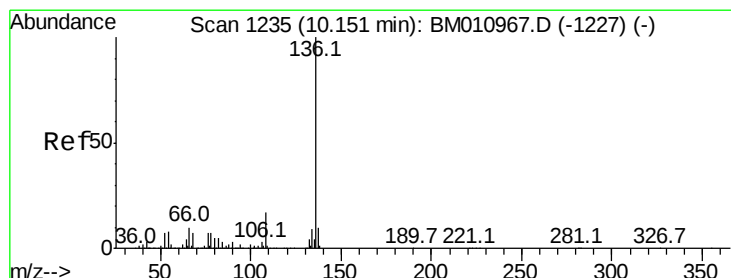
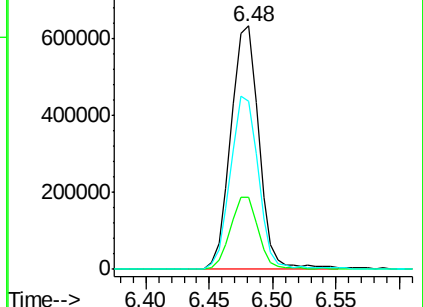
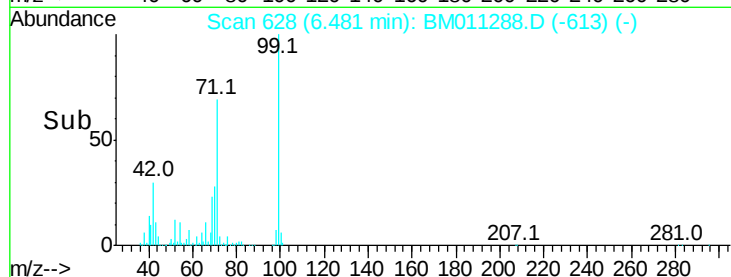
71 69.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011288.D (-613) (-)

Ion 42.00 (41.70 to 42.70): BM011288.D (-613) (-)

Ion 71.00 (70.70 to 71.70): BM011288.D (-613) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.03 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BM011288.D

Acq: 18 Aug 2017 05:11

Tgt Ion: 136 Resp: 285694

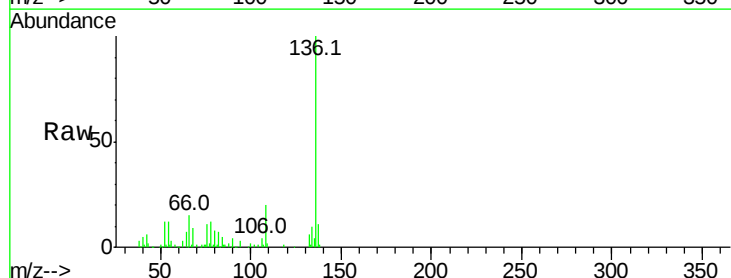
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 12.3 4.6 6.8#

68 8.6 3.7 5.5#

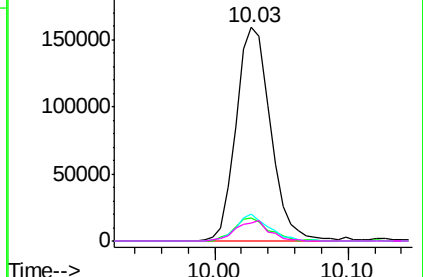
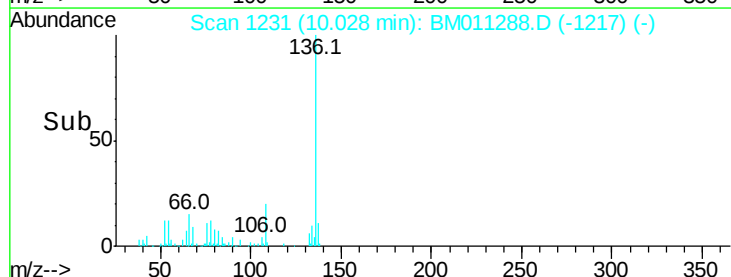


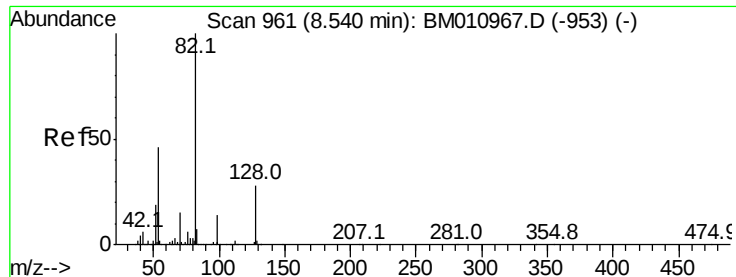
Abundance Ion 136.00 (135.70 to 136.70): BM011288.D (-1217) (-)

Ion 137.00 (136.70 to 137.70): BM011288.D (-1217) (-)

Ion 54.00 (53.70 to 54.70): BM011288.D (-1217) (-)

Ion 68.00 (67.70 to 68.70): BM011288.D (-1217) (-)





#23

Nitrobenzene-d5

Concen: 133.932 ng

RT: 8.42 min Scan# 958

Delta R.T. -0.02 min

Lab File: BM011288.D

Acq: 18 Aug 2017 05:11

Instrument :

BNA_M

ClientSampleId :

PVSC-A-COMP

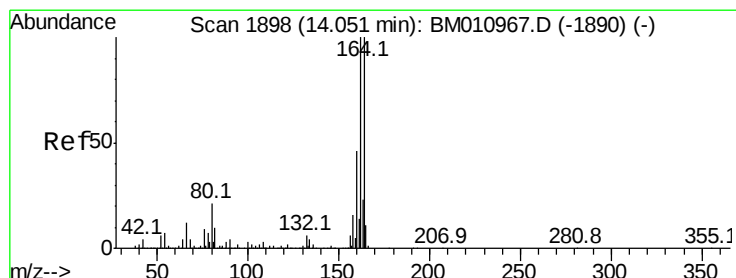
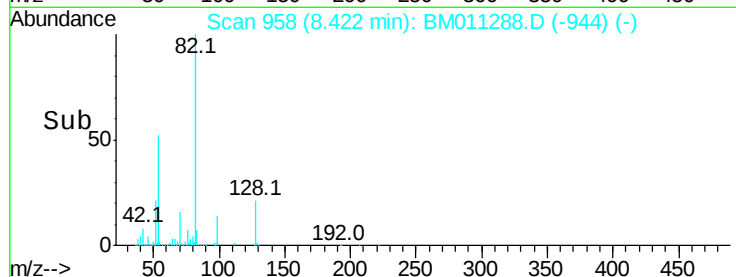
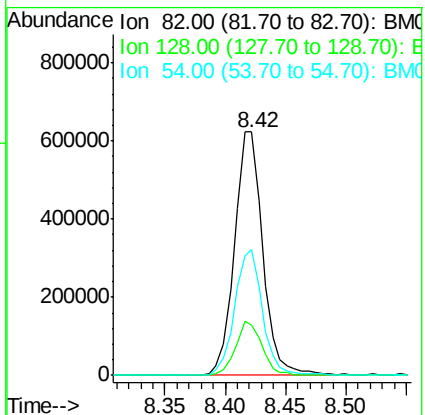
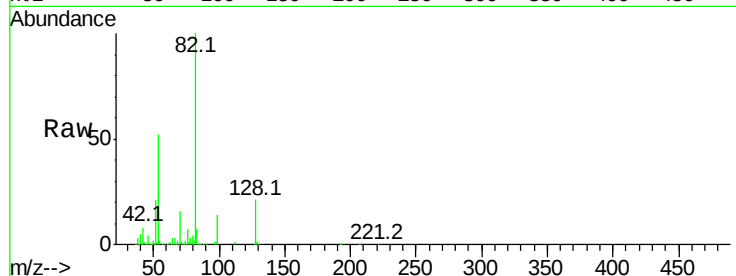
Tot Ion: 82 Resp: 1019505

Ion Ratio Lower Upper

82 100

128 20.6 32.8 49.2#

54 51.8 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.95 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BM011288.D

Acq: 18 Aug 2017 05:11

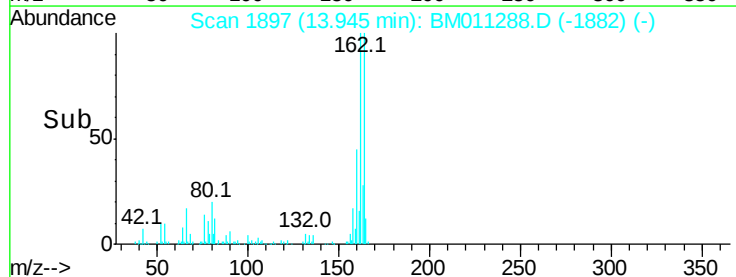
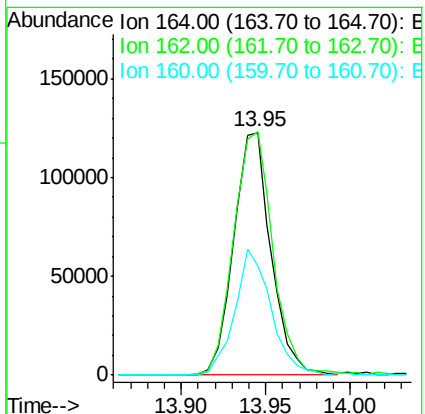
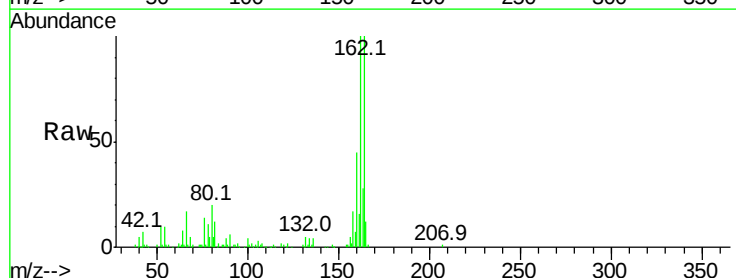
Tgt Ion:164 Resp: 188889

Ion Ratio Lower Upper

164 100

162 100.3 82.4 123.6

160 45.3 35.8 53.6

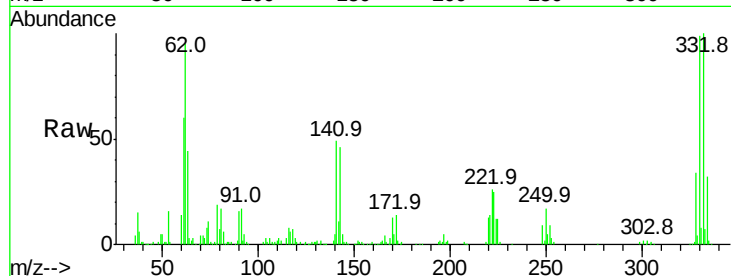




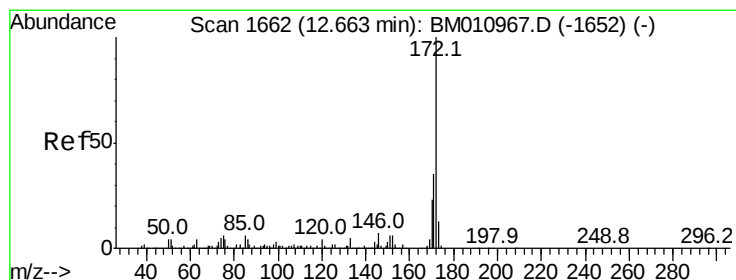
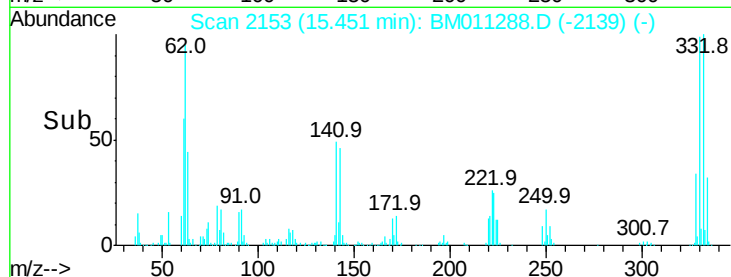
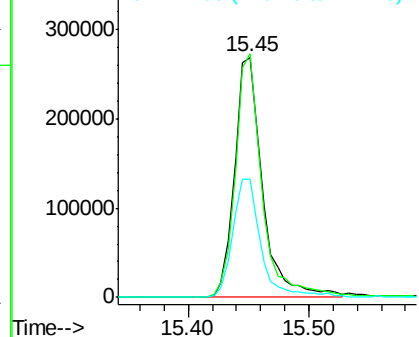
#41
 2,4,6-Tribromophenol
 Concen: 144.259 ng
 RT: 15.45 min Scan# 2153
 Delta R.T. -0.02 min
 Lab File: BM011288.D
 Acq: 18 Aug 2017 05:11

Instrument :
 BNA_M
 ClientSampleId :
 PVSC-A-COMP

Tot Ion:330 Resp: 436743
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 49.7 0.0 0.0#

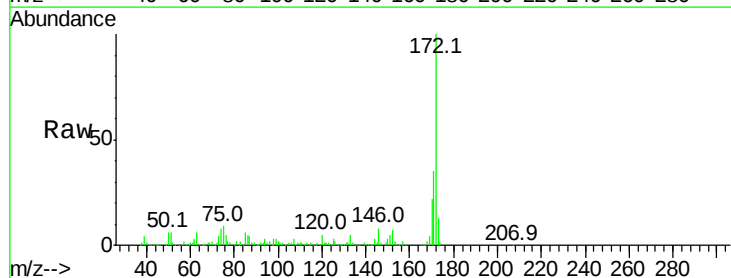


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

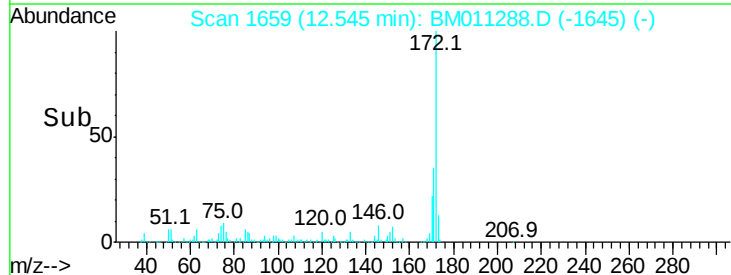
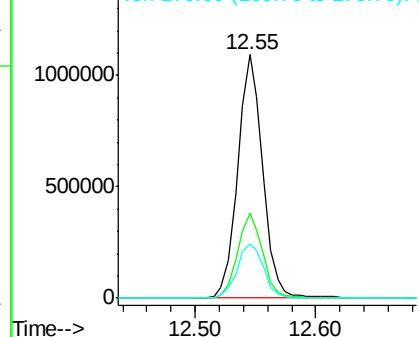


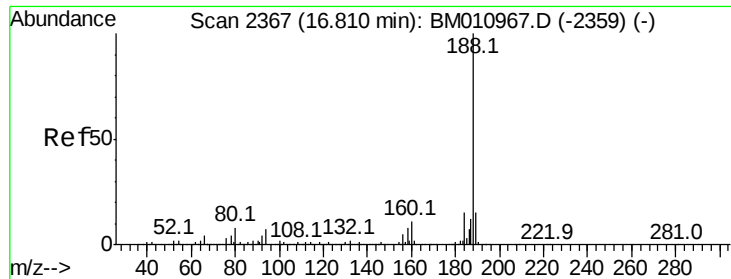
#44
 2-Fluorobiphenyl
 Concen: 104.467 ng
 RT: 12.55 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM011288.D
 Acq: 18 Aug 2017 05:11

Tgt Ion:172 Resp: 1573412
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 22.1 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

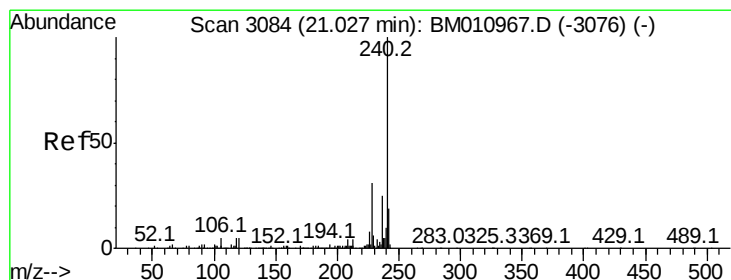
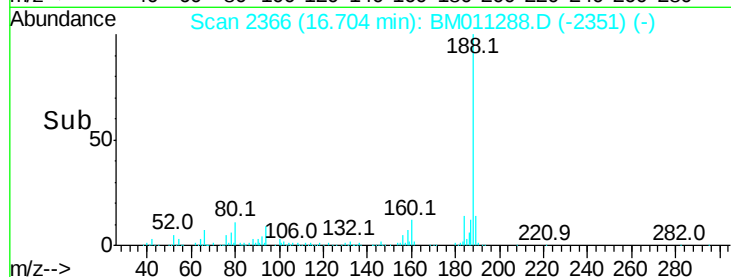
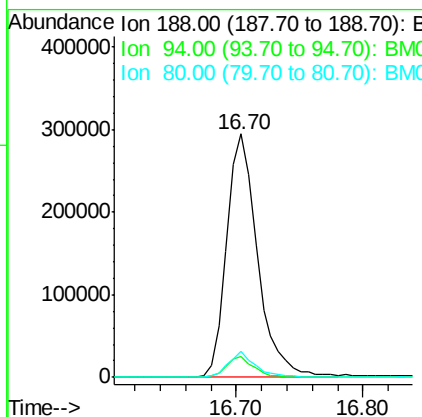
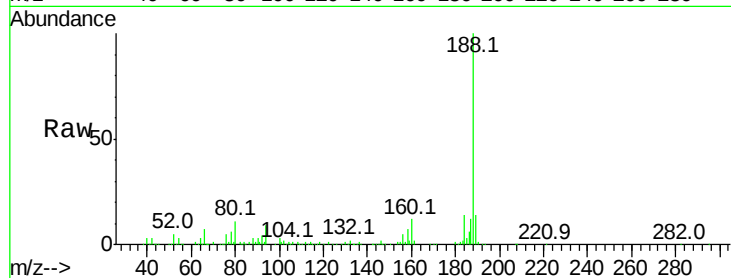




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.70 min Scan# 2366
Delta R.T. -0.01 min
Lab File: BM011288.D
Acq: 18 Aug 2017 05:11

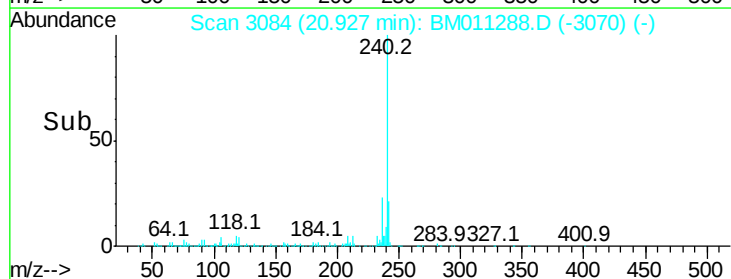
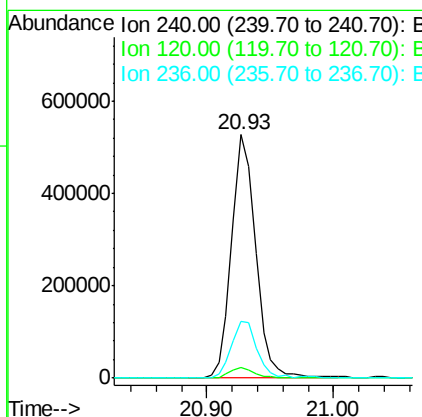
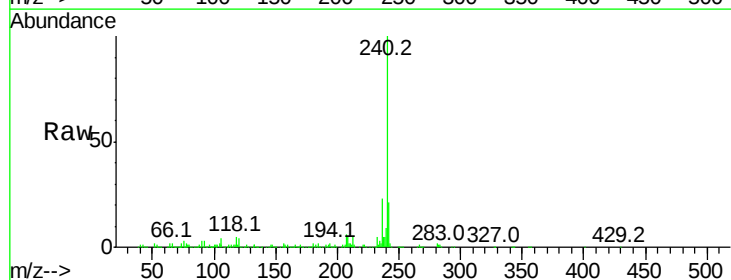
Instrument :
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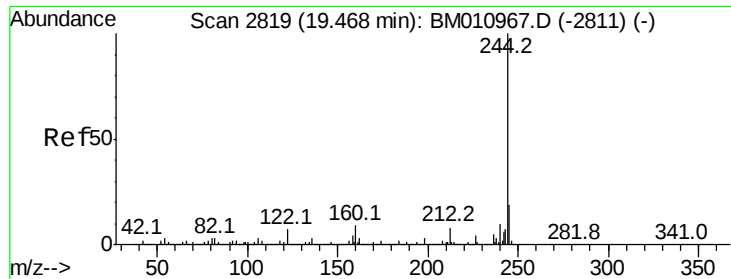
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.7	13.1#
80	10.6	9.3	13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.93 min Scan# 3084
Delta R.T. -0.02 min
Lab File: BM011288.D
Acq: 18 Aug 2017 05:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.2	8.2	12.2#
236	23.2	20.0	30.0



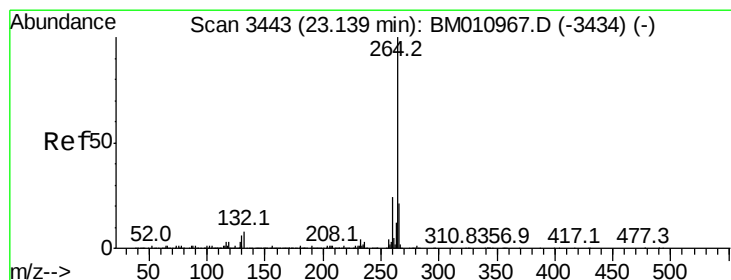
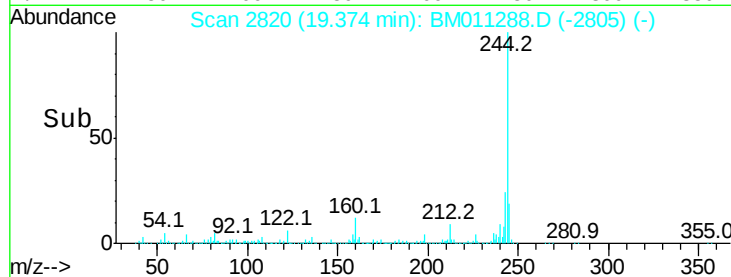
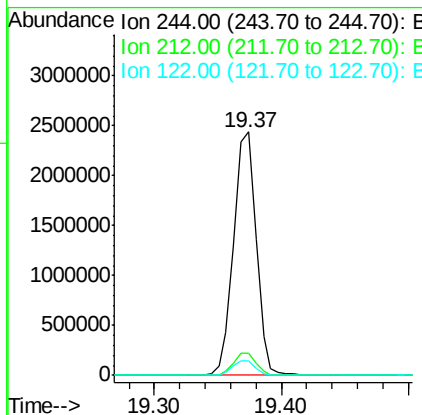
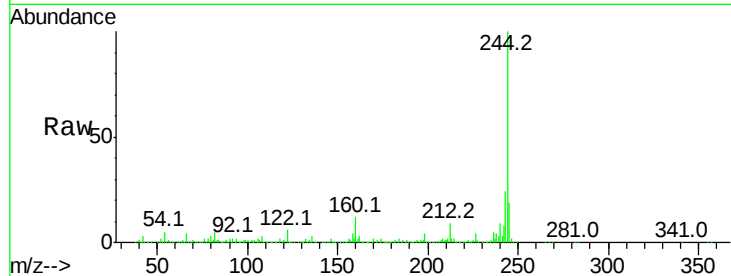


#78
 Terphenyl-d14
 Concen: 85.055 ng
 RT: 19.37 min Scan# 2820
 Delta R.T. -0.01 min
 Lab File: BM011288.D
 Acq: 18 Aug 2017 05:11

Instrument :
 BNA_M
 ClientSampleId :
 PVSC-A-COMP

Tot Ion:244 Resp: 3004092

Ion	Ratio	Lower	Upper
244	100		
212	9.3	4.9	7.3#
122	5.9	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: BM011288.D
 Acq: 18 Aug 2017 05:11

Tgt Ion:264 Resp: 677306

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.6	27.8
265	20.4	17.3	25.9

