

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081717\
 Data File : BM011283.D
 Acq On : 18 Aug 2017 01:10
 Operator : SJ/JU
 Sample : I4852-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-242

Quant Time: Aug 18 05:41:57 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	81235	20.00	ng	-0.01
21) Naphthalene-d8	10.03	136	281276	20.00	ng	-0.02
38) Acenaphthene-d10	13.94	164	159849	20.00	ng	-0.01
63) Phenanthrene-d10	16.70	188	456221	20.00	ng	-0.01
75) Chrysene-d12	20.93	240	587933	20.00	ng	-0.02
86) Perylene-d12	23.00	264	125799	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	706386	146.99	ng	-0.01
7) Phenol-d6	6.48	99	874642	128.10	ng	-0.01
23) Nitrobenzene-d5	8.42	82	970588	129.51	ng	-0.02
41) 2,4,6-Tribromophenol	15.45	330	387870	151.39	ng	-0.02
44) 2-Fluorobiphenyl	12.55	172	1473138	115.58	ng	-0.02
78) Terphenyl-d14	19.37	244	2787291	93.91	ng	-0.01

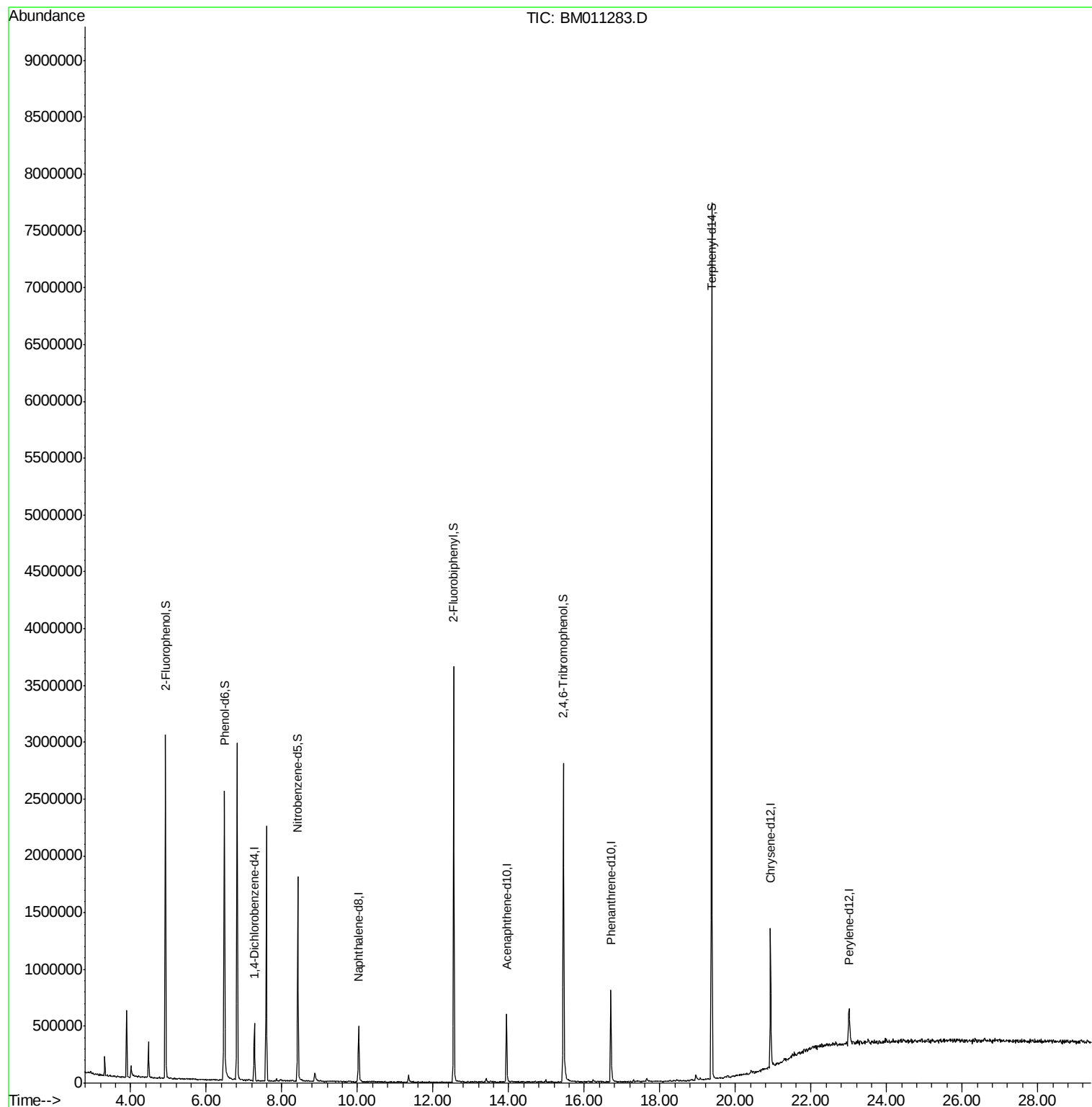
Target Compounds Qvalue

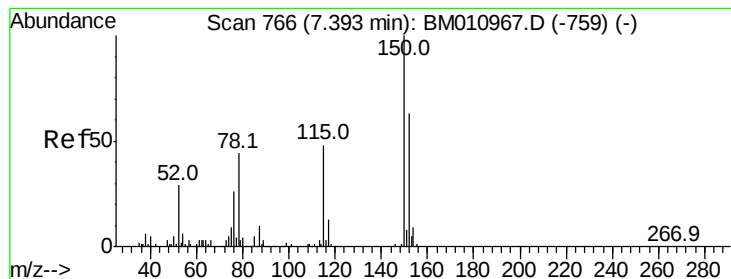
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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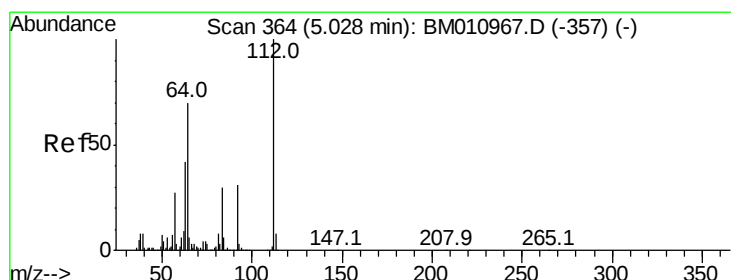
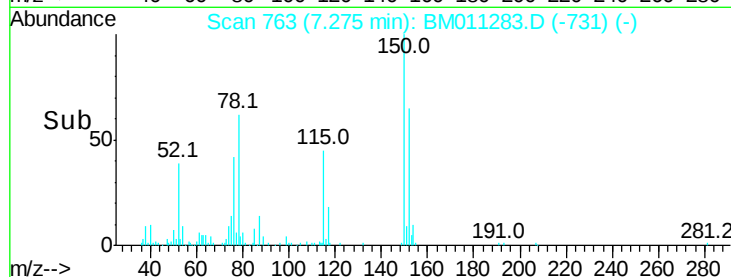
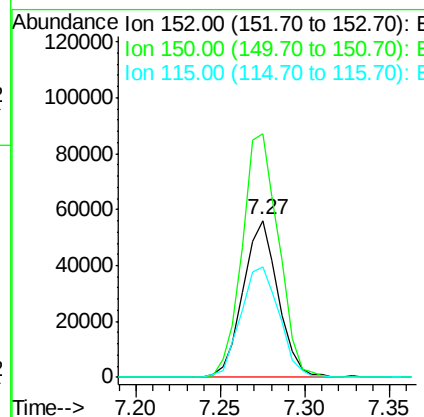
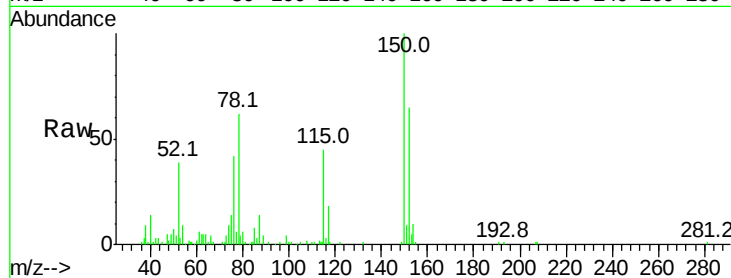


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 763
Delta R.T. -0.01 min
Lab File: BM011283.D
Acq: 18 Aug 2017 01:10

Instrument :
BNA_M
ClientSampleId :
VNJ-242

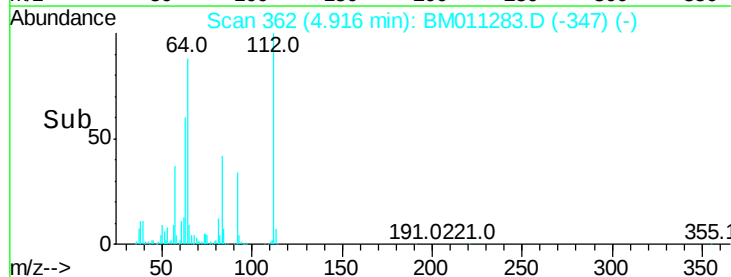
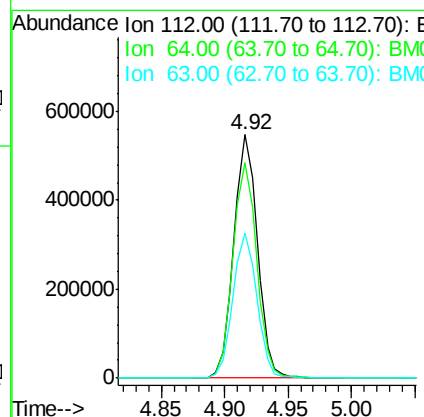
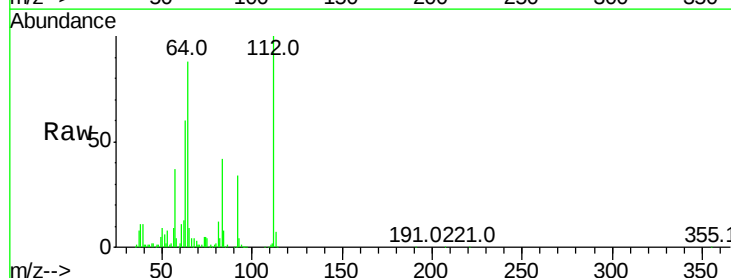
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	119.5	179.3
115	70.2	43.0	64.4

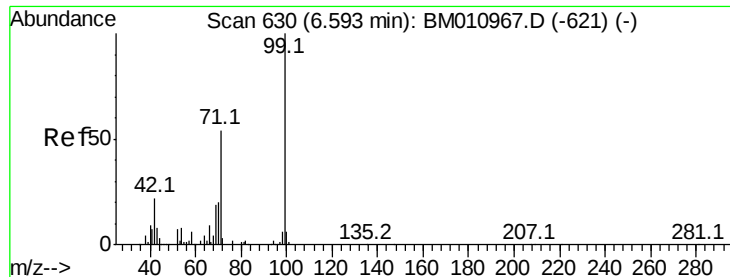


#5

2-Fluorophenol
Concen: 146.994 ng
RT: 4.92 min Scan# 362
Delta R.T. -0.01 min
Lab File: BM011283.D
Acq: 18 Aug 2017 01:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	88.4	38.6	57.8
63	59.5	19.3	28.9





#7

Phenol-d6

Concen: 128.100 ng

RT: 6.48 min Scan# 628

Delta R.T. -0.01 min

Lab File: BM011283.D

Acq: 18 Aug 2017 01:10

Instrument :

BNA_M

ClientSampleId :

VNJ-242

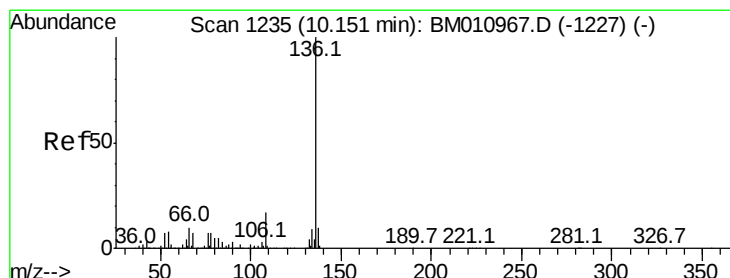
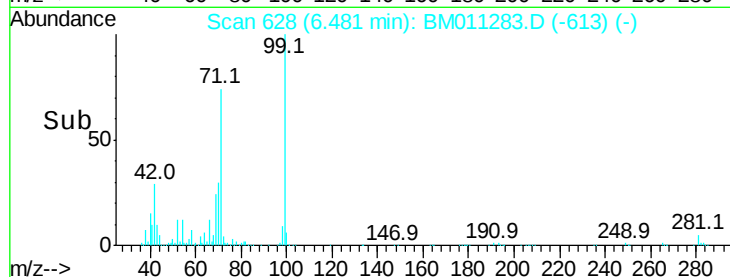
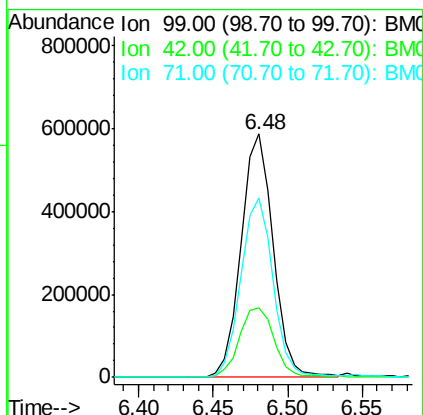
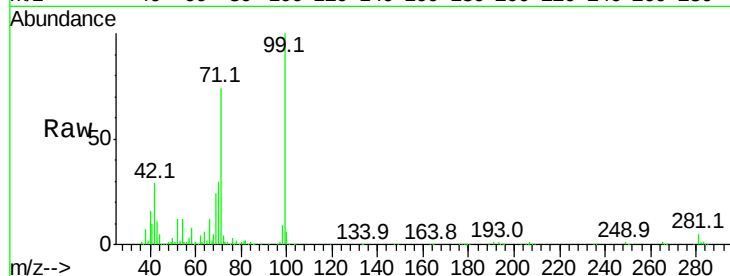
Tot Ion: 99 Resp: 874642

Ion Ratio Lower Upper

99 100

42 28.8 11.0 16.4#

71 73.8 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: BM011283.D

Acq: 18 Aug 2017 01:10

Tgt Ion: 136 Resp: 281276

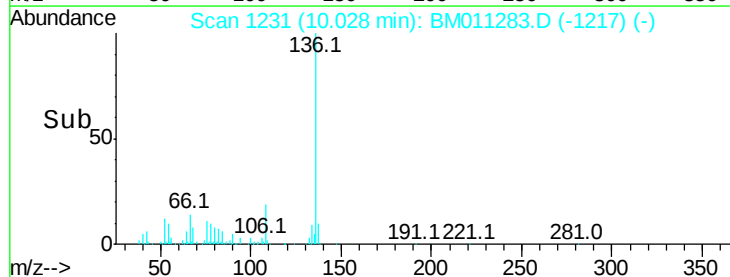
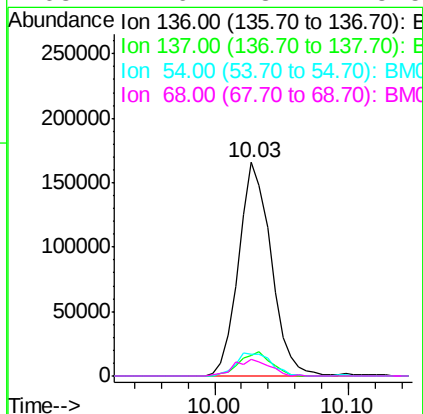
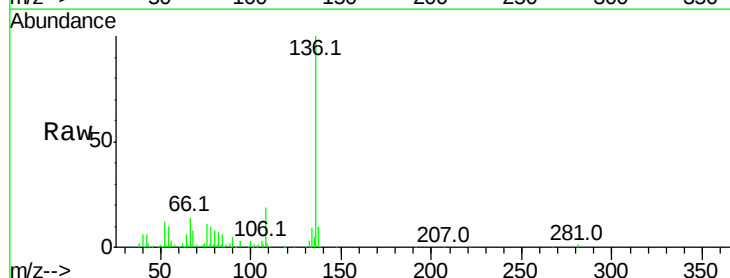
Ion Ratio Lower Upper

136 100

137 9.7 8.7 13.1

54 10.3 4.6 6.8#

68 7.6 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 129.509 ng

RT: 8.42 min Scan# 958

Delta R.T. -0.02 min

Lab File: BM011283.D

Acq: 18 Aug 2017 01:10

Instrument :

BNA_M

ClientSampleId :

VNJ-242

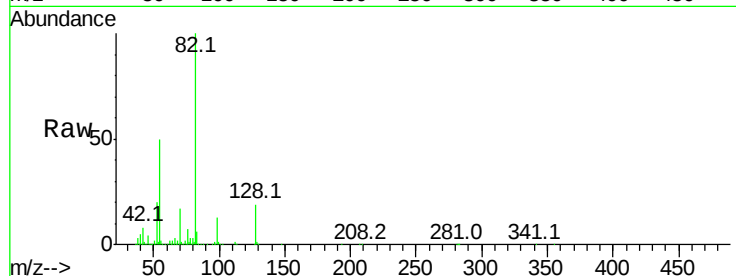
Tot Ion: 82 Resp: 970588

Ion Ratio Lower Upper

82 100

128 19.2 32.8 49.2#

54 50.0 40.6 60.8

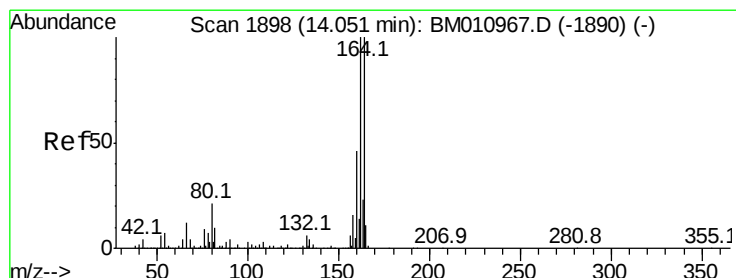
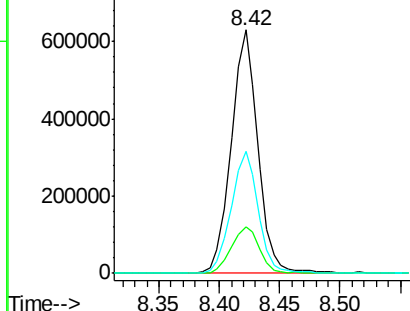
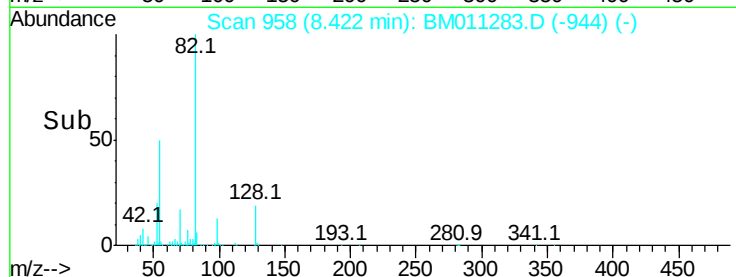


Abundance Ion 82.00 (81.70 to 82.70): BM011283.D (-944) (-)

Ion 128.00 (127.70 to 128.70): BM011283.D (-944) (-)

Ion 54.00 (53.70 to 54.70): BM011283.D (-944) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.94 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BM011283.D

Acq: 18 Aug 2017 01:10

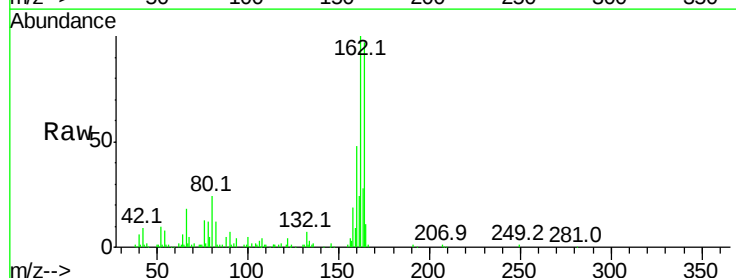
Tgt Ion:164 Resp: 159849

Ion Ratio Lower Upper

164 100

162 103.4 82.4 123.6

160 49.1 35.8 53.6

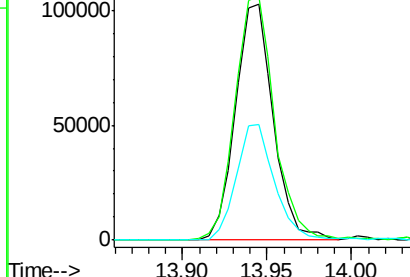
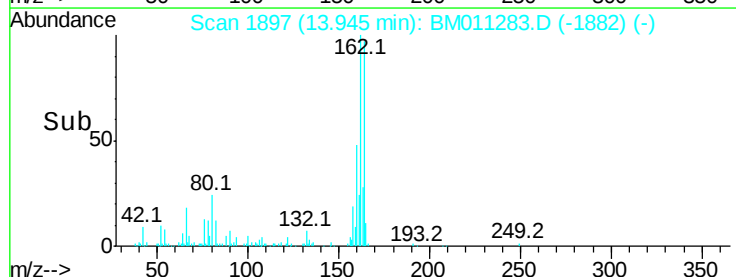


Abundance Ion 164.00 (163.70 to 164.70): BM011283.D (-1882) (-)

Ion 162.00 (161.70 to 162.70): BM011283.D (-1882) (-)

Ion 160.00 (159.70 to 160.70): BM011283.D (-1882) (-)

Time-->

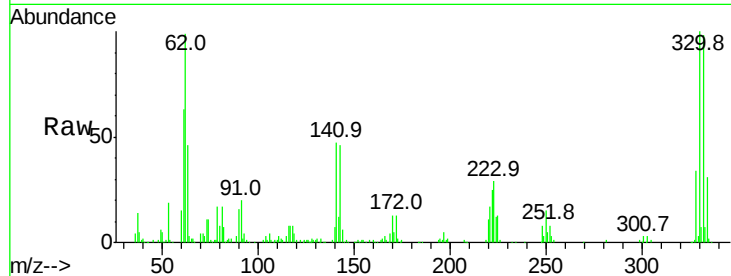




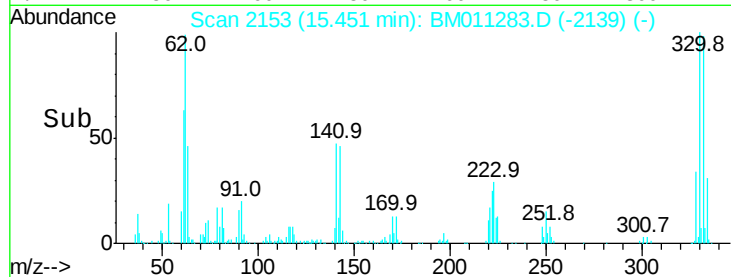
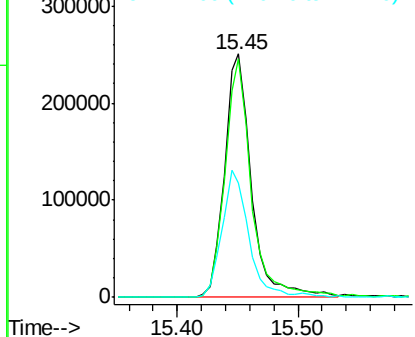
#41
 2,4,6-Tribromophenol
 Concen: 151.391 ng
 RT: 15.45 min Scan# 2153
 Delta R.T. -0.02 min
 Lab File: BM011283.D
 Acq: 18 Aug 2017 01:10

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-242

Tot Ion:330 Resp: 387870
 Ion Ratio Lower Upper
 330 100
 332 96.0 0.0 0.0#
 141 52.0 0.0 0.0#

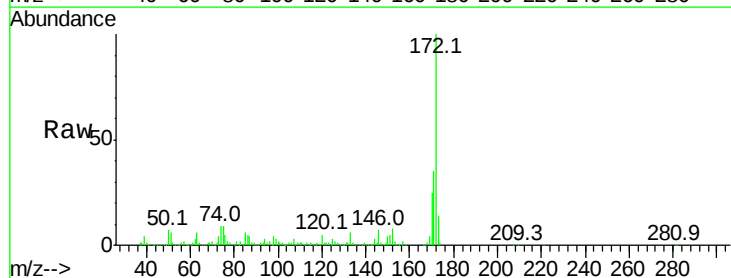


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

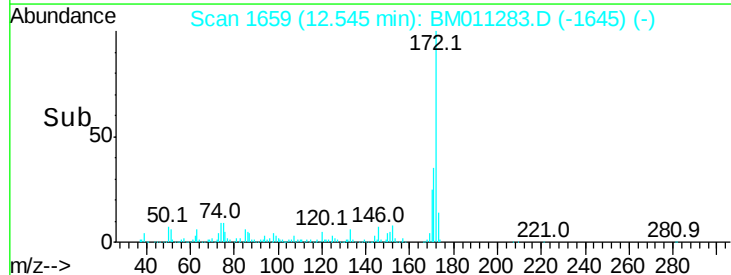
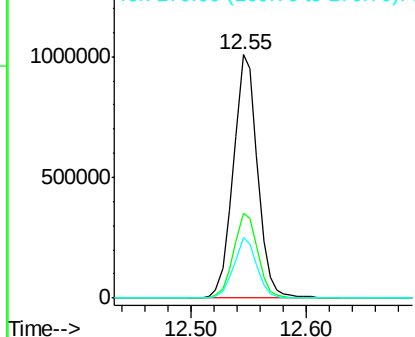


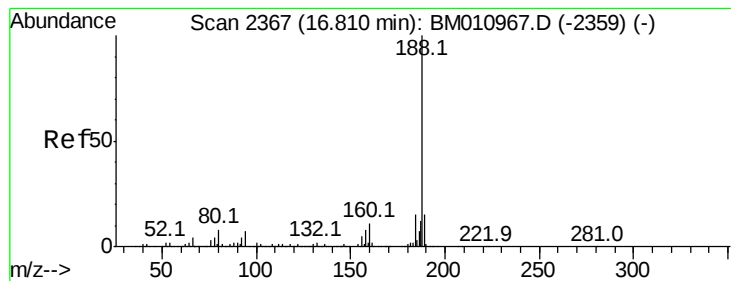
#44
 2-Fluorobiphenyl
 Concen: 115.579 ng
 RT: 12.55 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM011283.D
 Acq: 18 Aug 2017 01:10

Tgt Ion:172 Resp: 1473138
 Ion Ratio Lower Upper
 172 100
 171 35.1 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: 16.70 min Scan# 2366

Delta R.T. -0.01 min

Lab File: BM011283.D

Acq: 18 Aug 2017 01:10

Instrument :

BNA_M

ClientSampleId :

VNJ-242

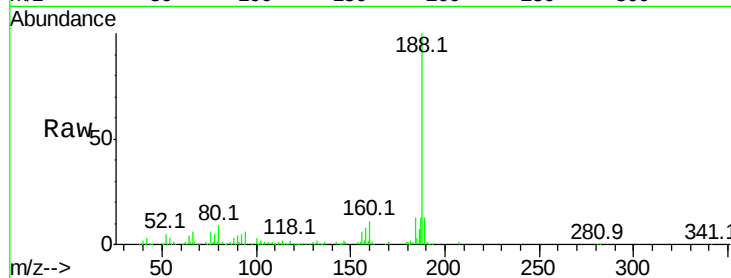
Tot Ion:188 Resp: 456221

Ion Ratio Lower Upper

188 100

94 6.2 8.7 13.1#

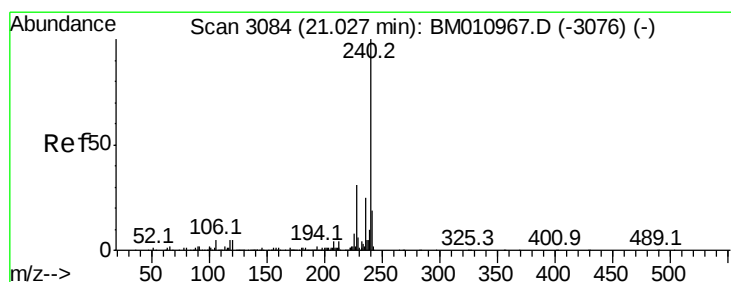
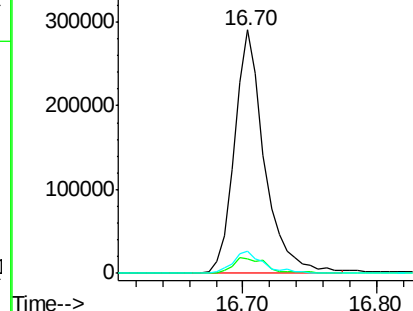
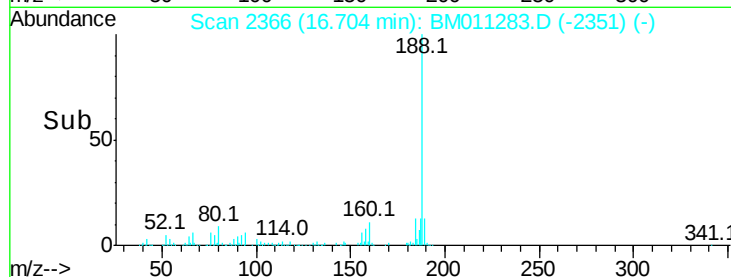
80 9.2 9.3 13.9#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 20.93 min Scan# 3084

Delta R.T. -0.02 min

Lab File: BM011283.D

Acq: 18 Aug 2017 01:10

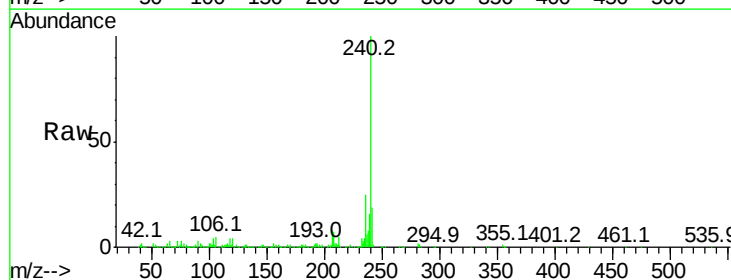
Tgt Ion:240 Resp: 587933

Ion Ratio Lower Upper

240 100

120 4.3 8.2 12.2#

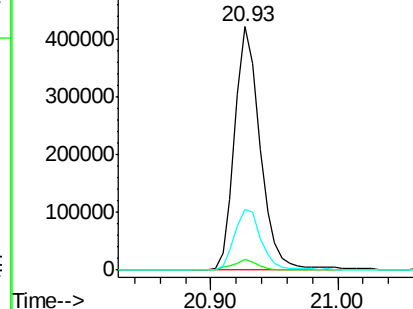
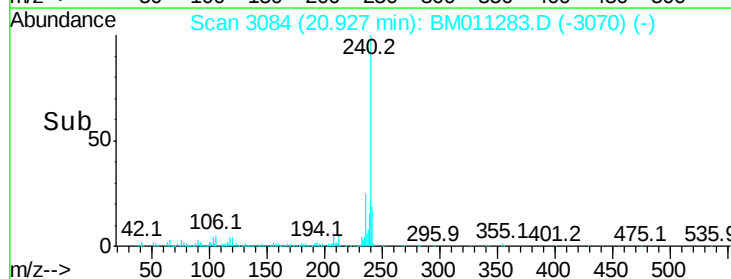
236 25.1 20.0 30.0

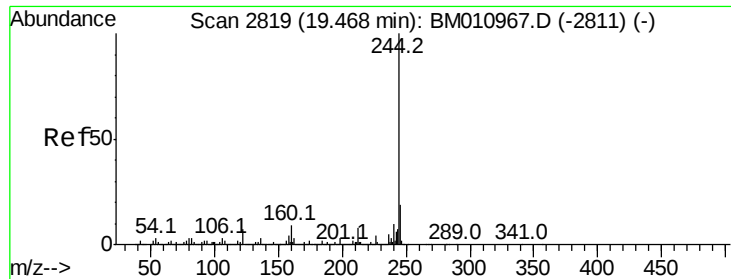


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.910 ng

RT: 19.37 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BM011283.D

Acq: 18 Aug 2017 01:10

Instrument :

BNA_M

ClientSampleId :

VNJ-242

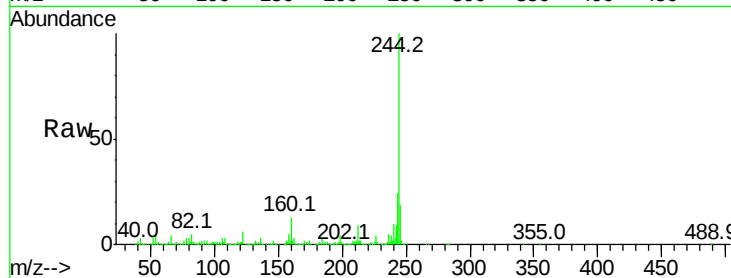
Tot Ion:244 Resp: 2787291

Ion Ratio Lower Upper

244 100

212 9.2 4.9 7.3#

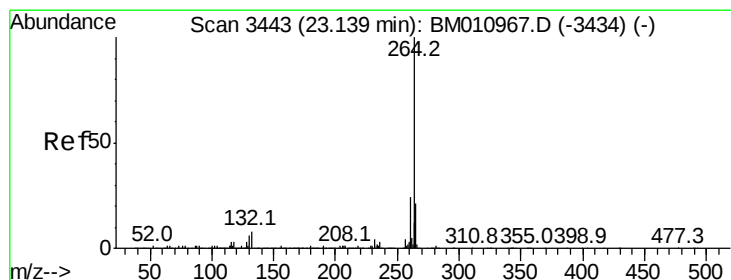
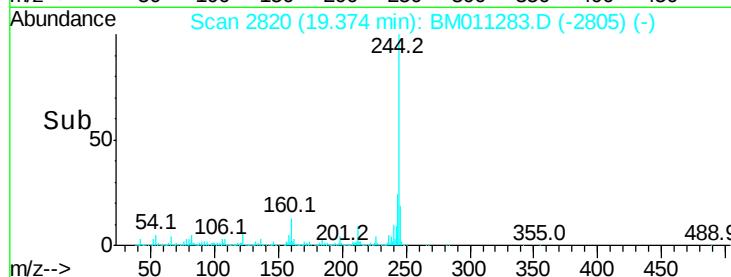
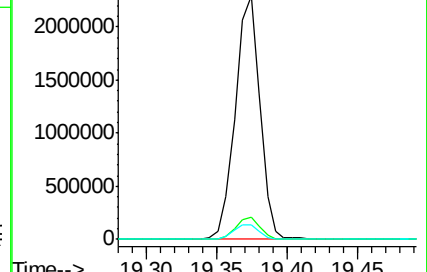
122 5.7 6.2 9.4#



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: 23.00 min Scan# 3436

Delta R.T. -0.02 min

Lab File: BM011283.D

Acq: 18 Aug 2017 01:10

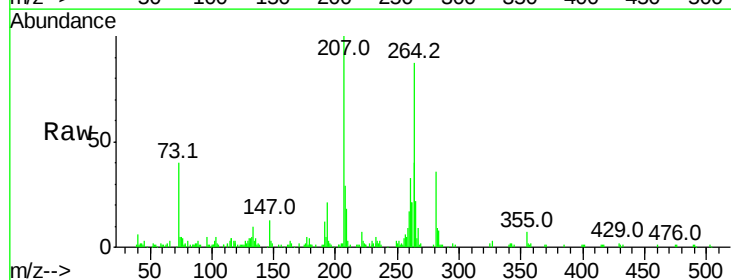
Tgt Ion:264 Resp: 125799

Ion Ratio Lower Upper

264 100

260 38.3 18.6 27.8#

265 25.3 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

