

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071817\
 Data File : BM010882.D
 Acq On : 18 Jul 2017 22:06
 Operator : SJ/JU
 Sample : I4224-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DEC-05

Quant Time: Jul 19 01:05:04 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 14:21:16 2017
 Response via : Initial Calibration

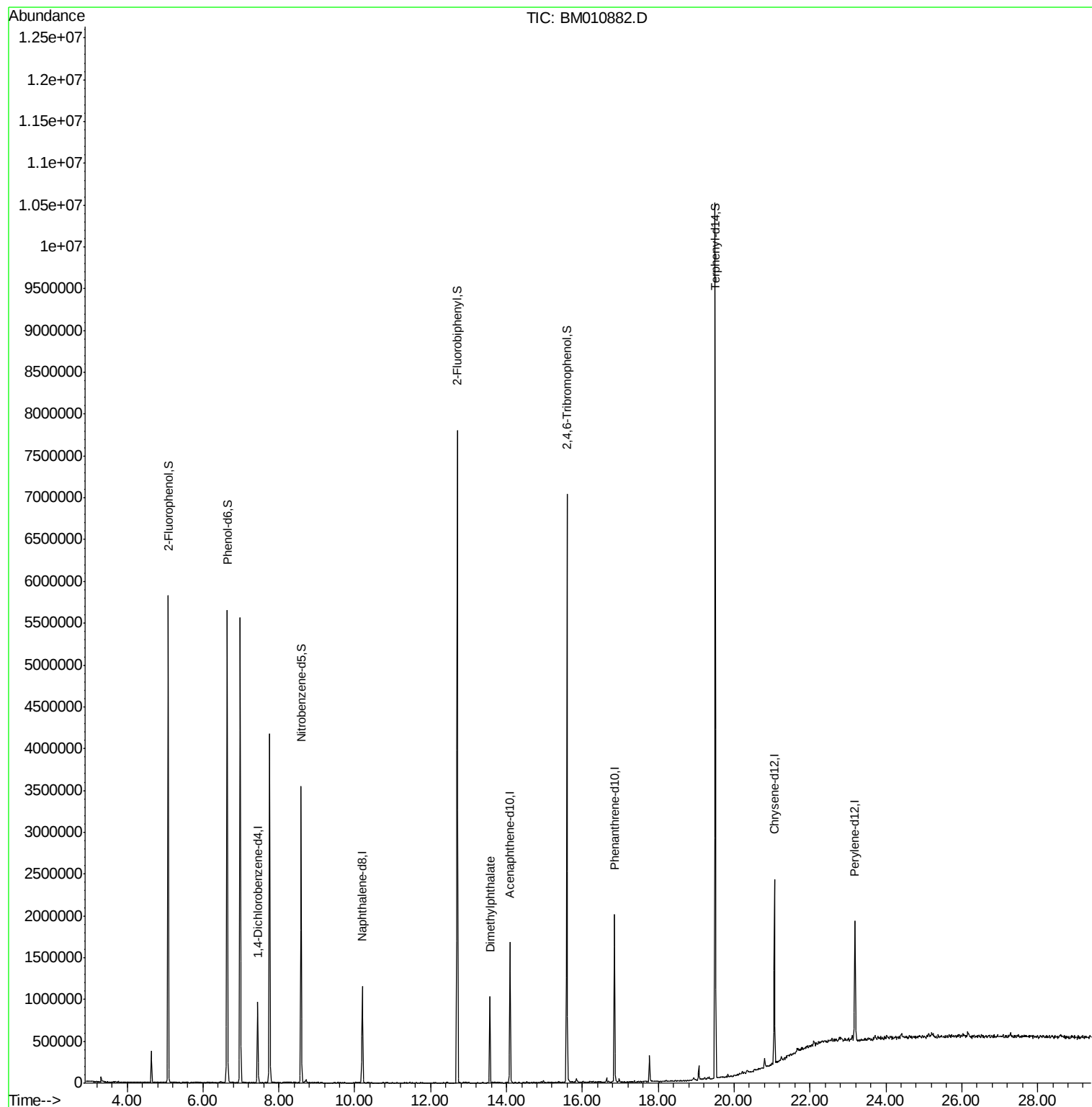
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	204042	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	788276	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	481294	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	1035956	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1013743	20.00	ng	0.00
86) Perylene-d12	23.19	264	993544	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1825113	148.17	ng	0.00
7) Phenol-d6	6.64	99	2485843	146.39	ng	0.00
23) Nitrobenzene-d5	8.59	82	1916445	93.45	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	1015706	138.10	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	3453522	89.26	ng	0.00
78) Terphenyl-d14	19.50	244	4029677	76.88	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.56	163	559067	13.654	ng	Qvalue # 99

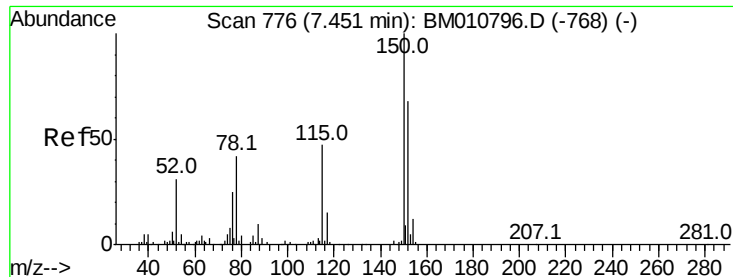
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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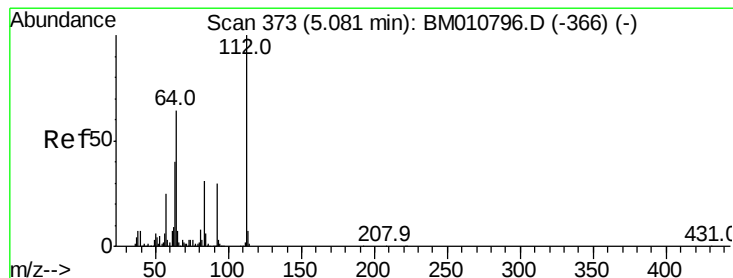
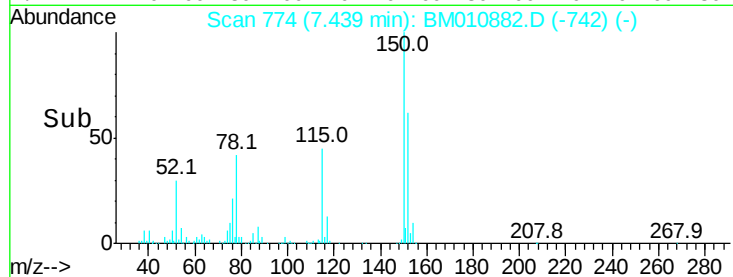
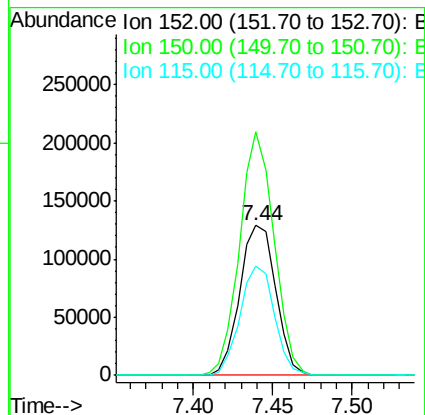
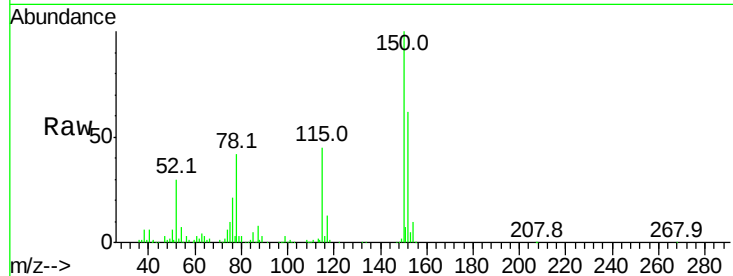


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010882.D
Acq: 18 Jul 2017 22:06

Instrument :
BNA_M
ClientSampleId :
DEC-05

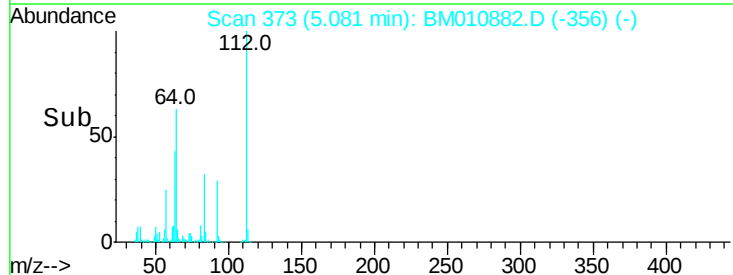
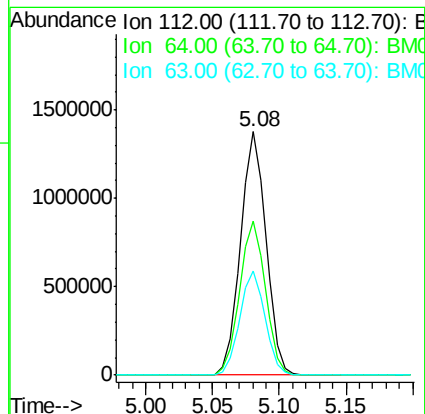
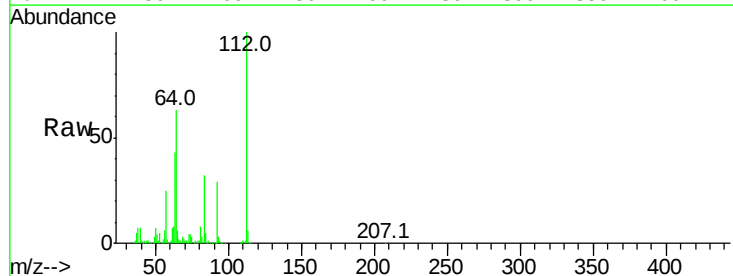
Tot Ion	Ratio	Lower	Upper
152	100		
150	162.2	119.5	179.3
115	72.5	43.0	64.4#

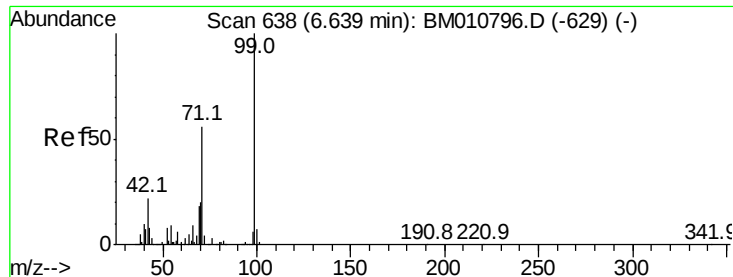


#5

2-Fluorophenol
Concen: 148.170 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010882.D
Acq: 18 Jul 2017 22:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.3	38.6	57.8#
63	42.9	19.3	28.9#





#7

Phenol-d6

Concen: 146.389 ng

RT: 6.64 min Scan# 638

Delta R.T. -0.00 min

Lab File: BM010882.D

Acq: 18 Jul 2017 22:06

Instrument :

BNA_M

ClientSampleId :

DEC-05

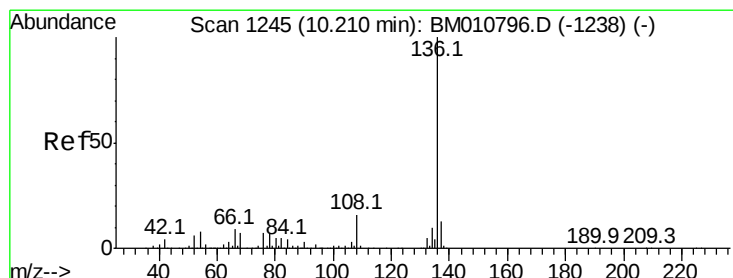
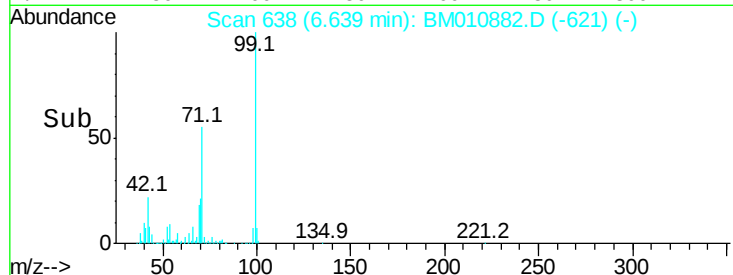
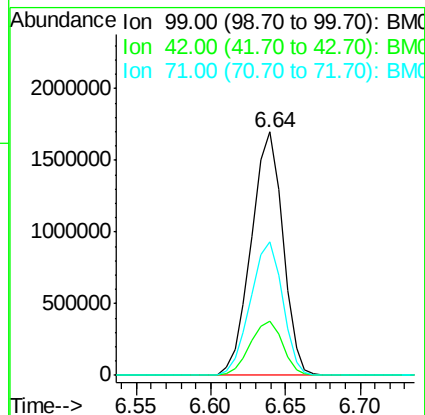
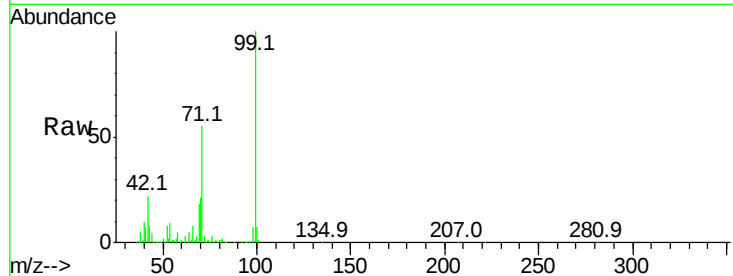
Tot Ion: 99 Resp: 2485843

Ion Ratio Lower Upper

99 100

42 22.0 11.0 16.4#

71 55.0 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BM010882.D

Acq: 18 Jul 2017 22:06

Tgt Ion: 136 Resp: 788276

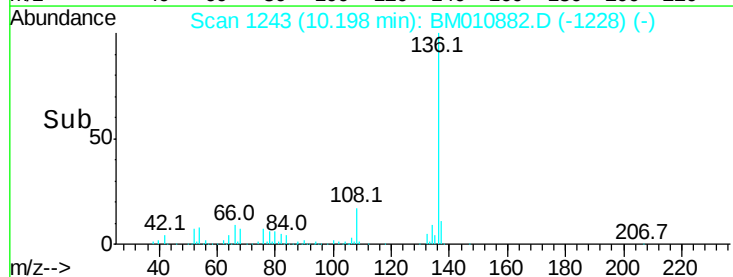
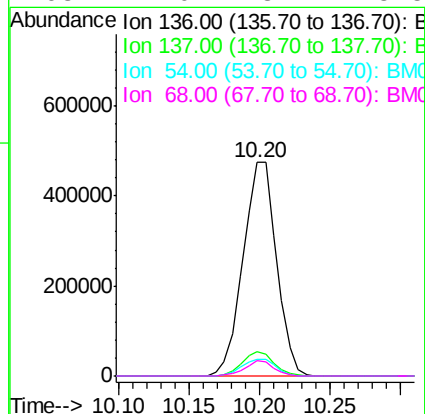
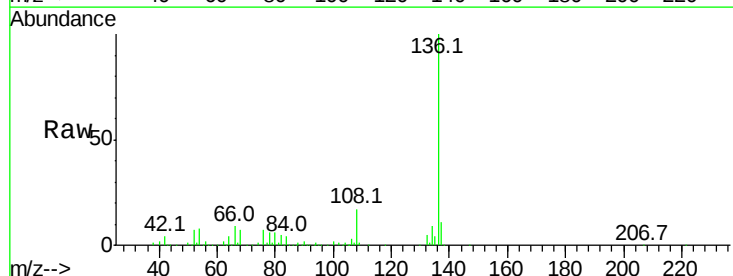
Ion Ratio Lower Upper

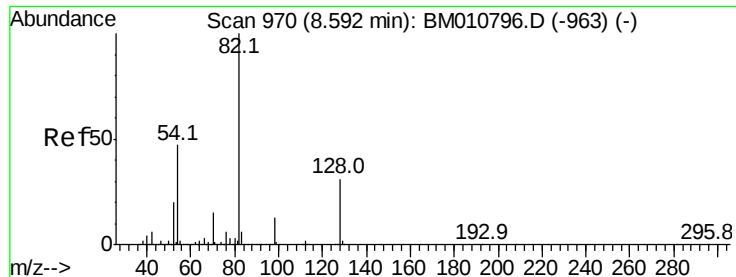
136 100

137 11.3 8.7 13.1

54 7.8 4.6 6.8#

68 7.0 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 93.449 ng

RT: 8.59 min Scan# 969

Delta R.T. -0.01 min

Lab File: BM010882.D

Acq: 18 Jul 2017 22:06

Instrument :

BNA_M

ClientSampleId :

DEC-05

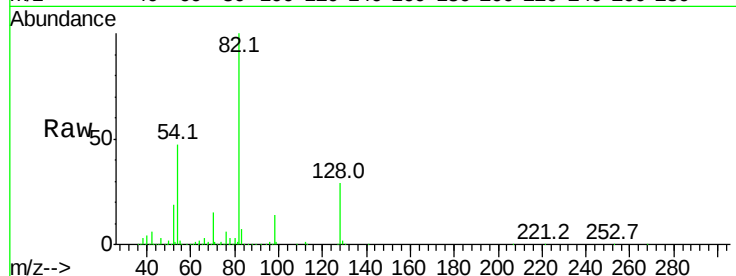
Tot Ion: 82 Resp: 1916445

Ion Ratio Lower Upper

82 100

128 28.8 32.8 49.2#

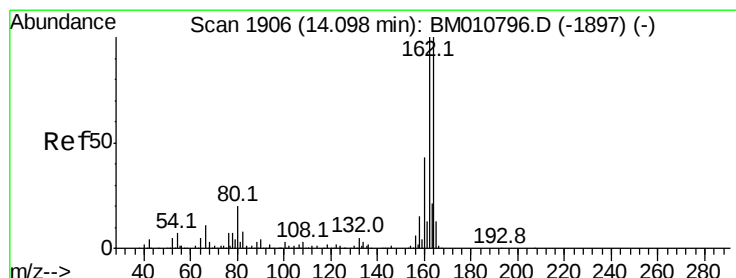
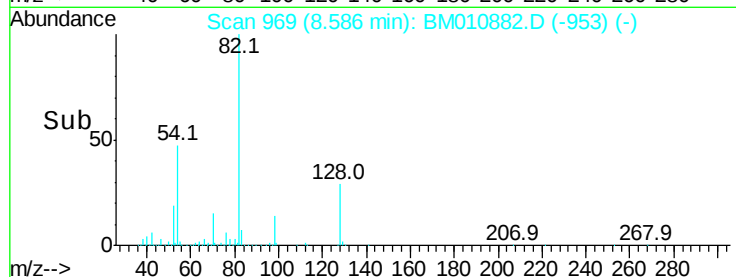
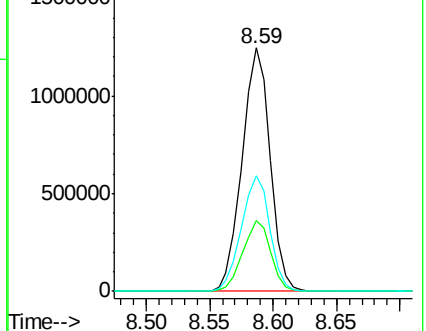
54 47.3 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM010796.D (-963) (-)

Ion 128.00 (127.70 to 128.70): BM010796.D (-963) (-)

Ion 54.00 (53.70 to 54.70): BM010796.D (-963) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM010882.D

Acq: 18 Jul 2017 22:06

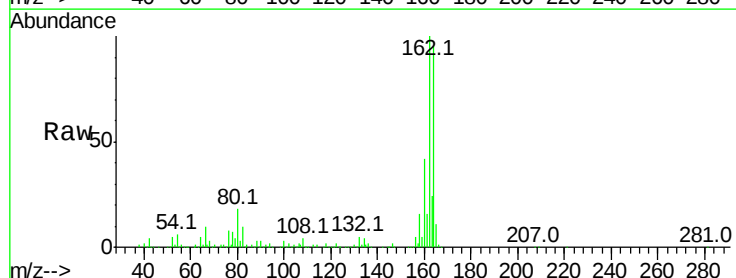
Tgt Ion: 164 Resp: 481294

Ion Ratio Lower Upper

164 100

162 105.7 82.4 123.6

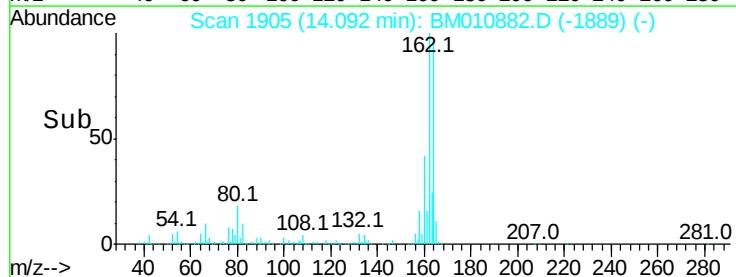
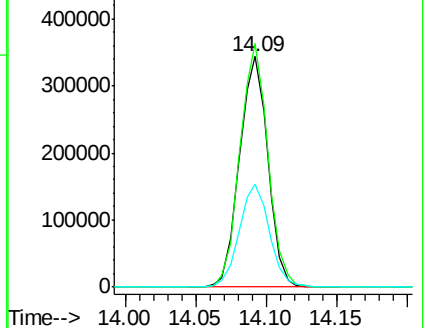
160 44.9 35.8 53.6

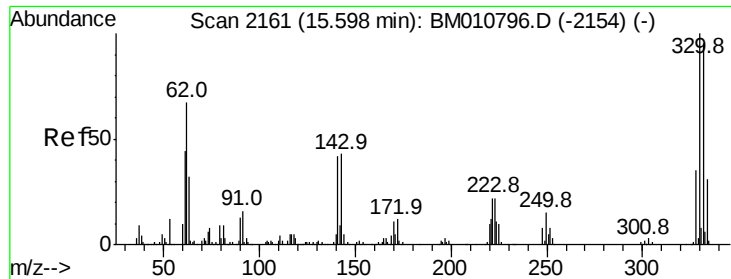


Abundance Ion 164.00 (163.70 to 164.70): BM010796.D (-1897) (-)

Ion 162.00 (161.70 to 162.70): BM010796.D (-1897) (-)

Ion 160.00 (159.70 to 160.70): BM010796.D (-1897) (-)

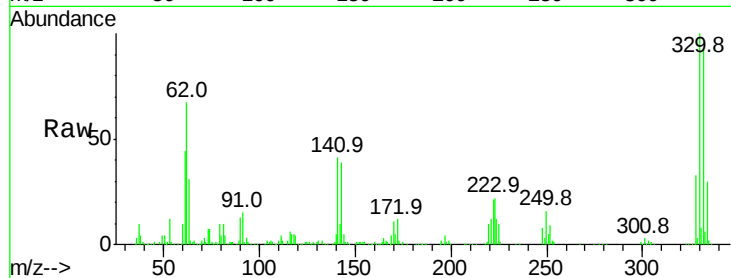




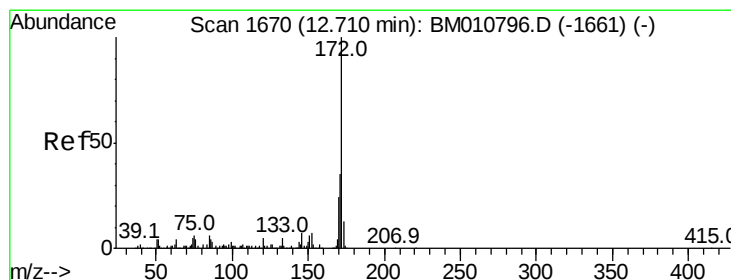
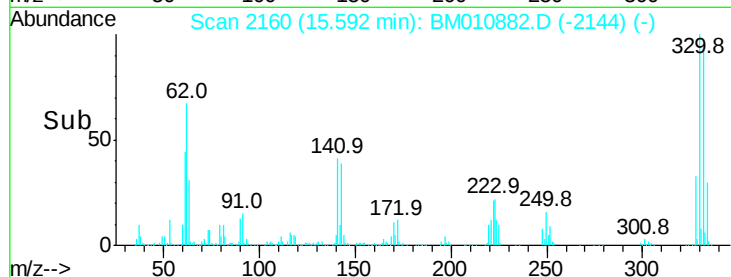
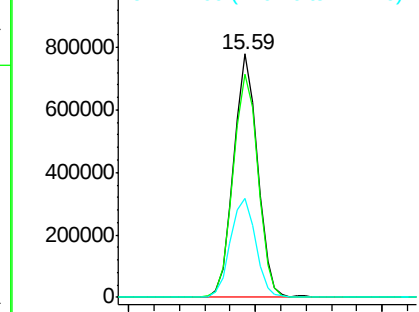
#41
 2,4,6-Tribromophenol
 Concen: 138.096 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010882.D
 Acq: 18 Jul 2017 22:06

Instrument :
 BNA_M
 ClientSampleId :
 DEC-05

Tot Ion:330 Resp: 1015706
 Ion Ratio Lower Upper
 330 100
 332 94.9 0.0 0.0#
 141 42.6 0.0 0.0#

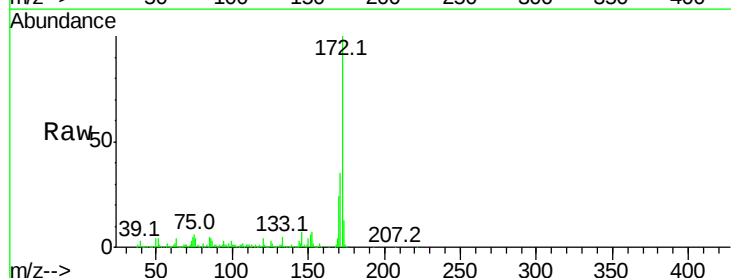


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

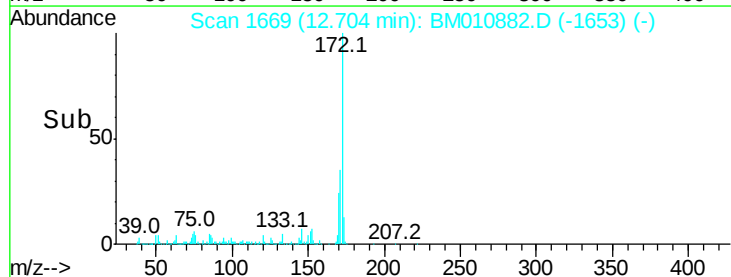
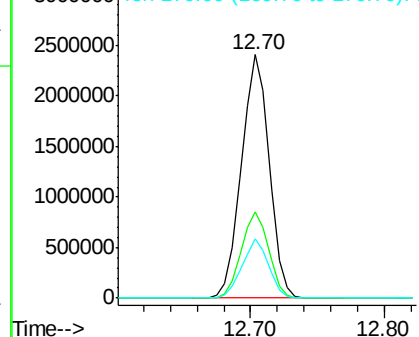


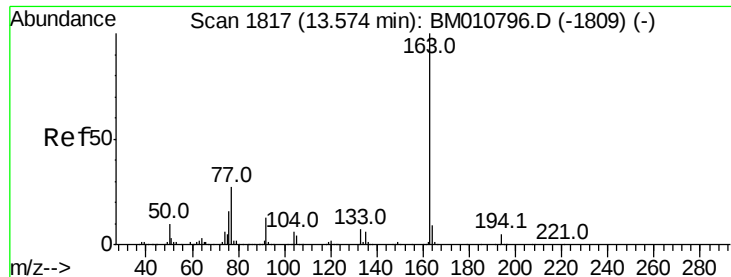
#44
 2-Fluorobiphenyl
 Concen: 89.265 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM010882.D
 Acq: 18 Jul 2017 22:06

Tgt Ion:172 Resp: 3453522
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 24.1 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





#49

Dimethylphthalate

Concen: 13.654 ng

RT: 13.56 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BM010882.D

Acq: 18 Jul 2017 22:06

Instrument :

BNA_M

ClientSampleId :

DEC-05

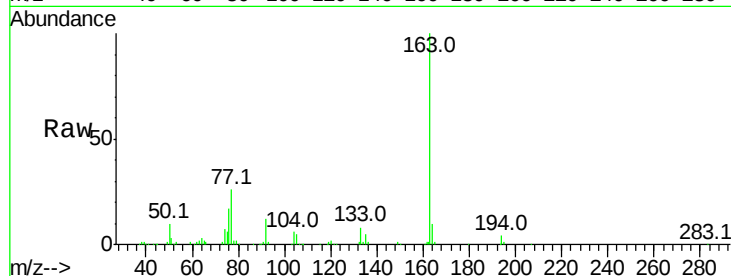
Tot Ion:163 Resp: 559067

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

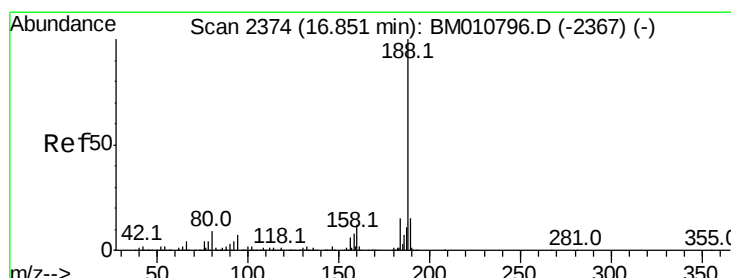
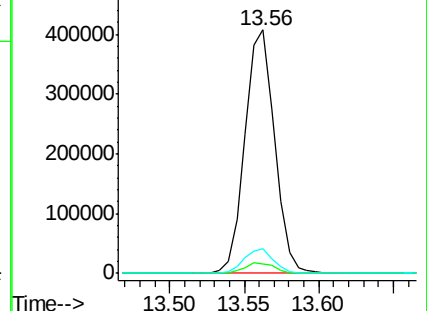
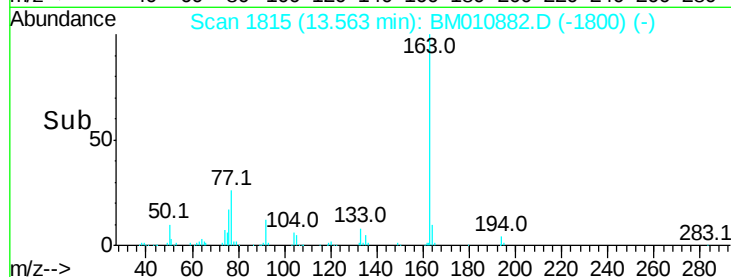
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.84 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BM010882.D

Acq: 18 Jul 2017 22:06

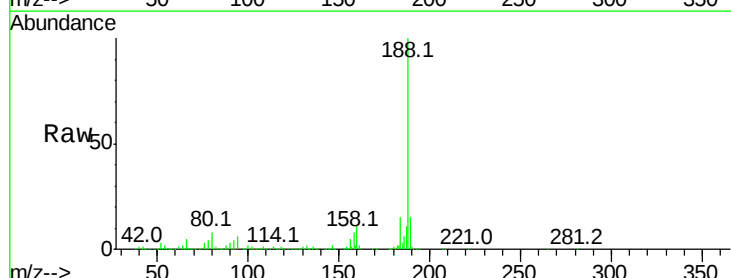
Tgt Ion:188 Resp: 1035956

Ion Ratio Lower Upper

188 100

94 6.1 8.7 13.1#

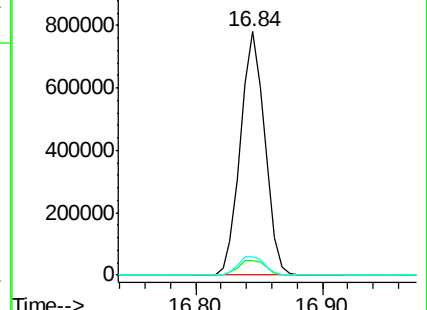
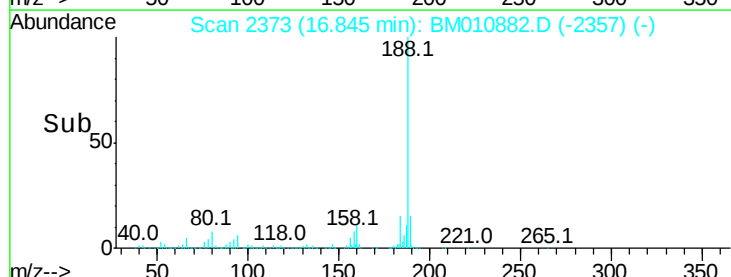
80 7.7 9.3 13.9#

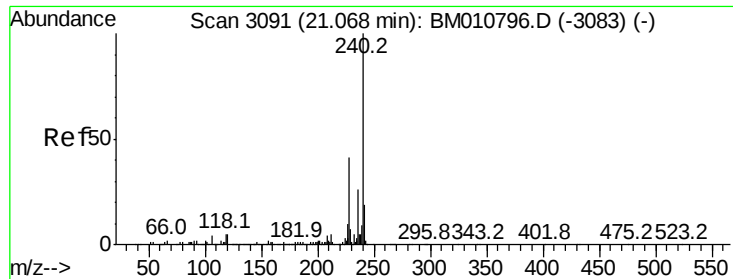


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM010882.D

Acq: 18 Jul 2017 22:06

Instrument :

BNA_M

ClientSampleId :

DEC-05

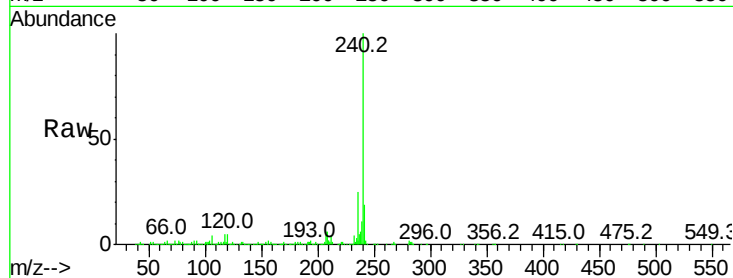
Tot Ion:240 Resp: 1013743

Ion Ratio Lower Upper

240 100

120 5.4 8.2 12.2#

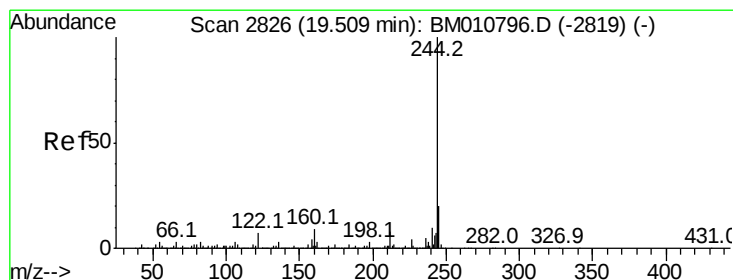
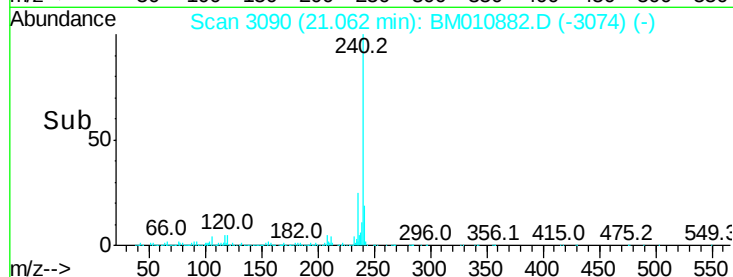
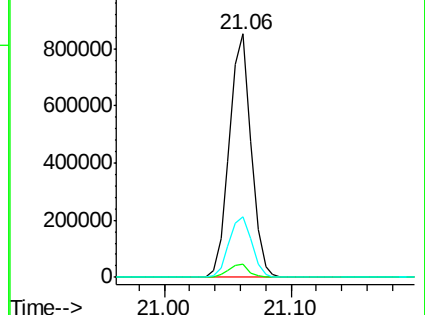
236 24.7 20.0 30.0



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: 76.882 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM010882.D

Acq: 18 Jul 2017 22:06

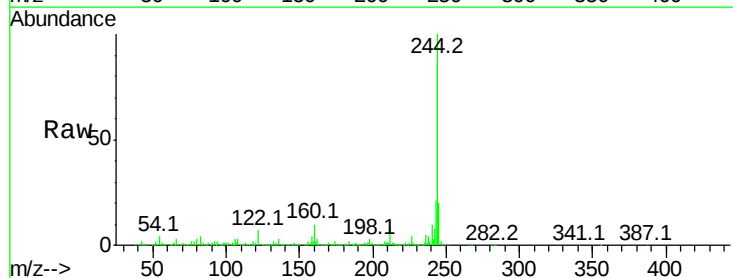
Tgt Ion:244 Resp: 4029677

Ion Ratio Lower Upper

244 100

212 8.6 4.9 7.3#

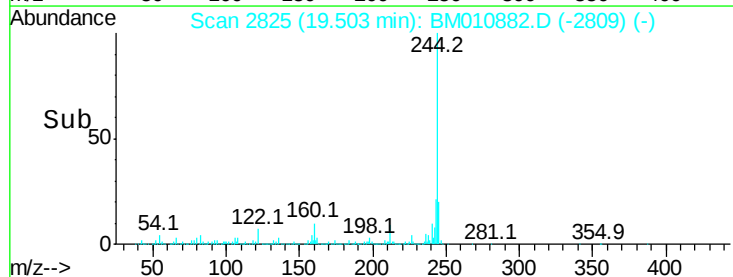
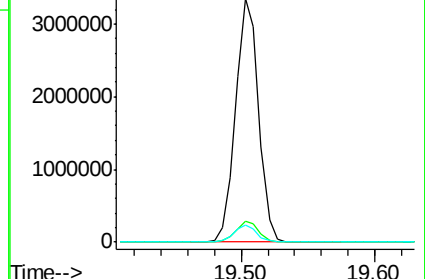
122 6.8 6.2 9.4

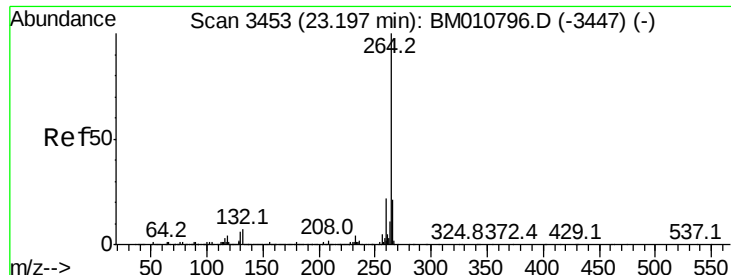


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

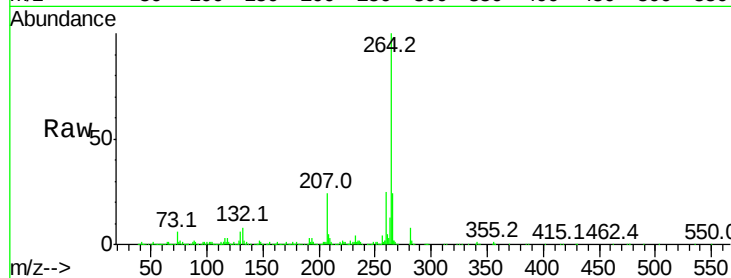




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.19 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BM010882.D
Acq: 18 Jul 2017 22:06

Instrument :
BNA_M
ClientSampleId :
DEC-05

Tot Ion:	264	Resp:	993544
Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.6	27.8
265	23.9	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

