

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

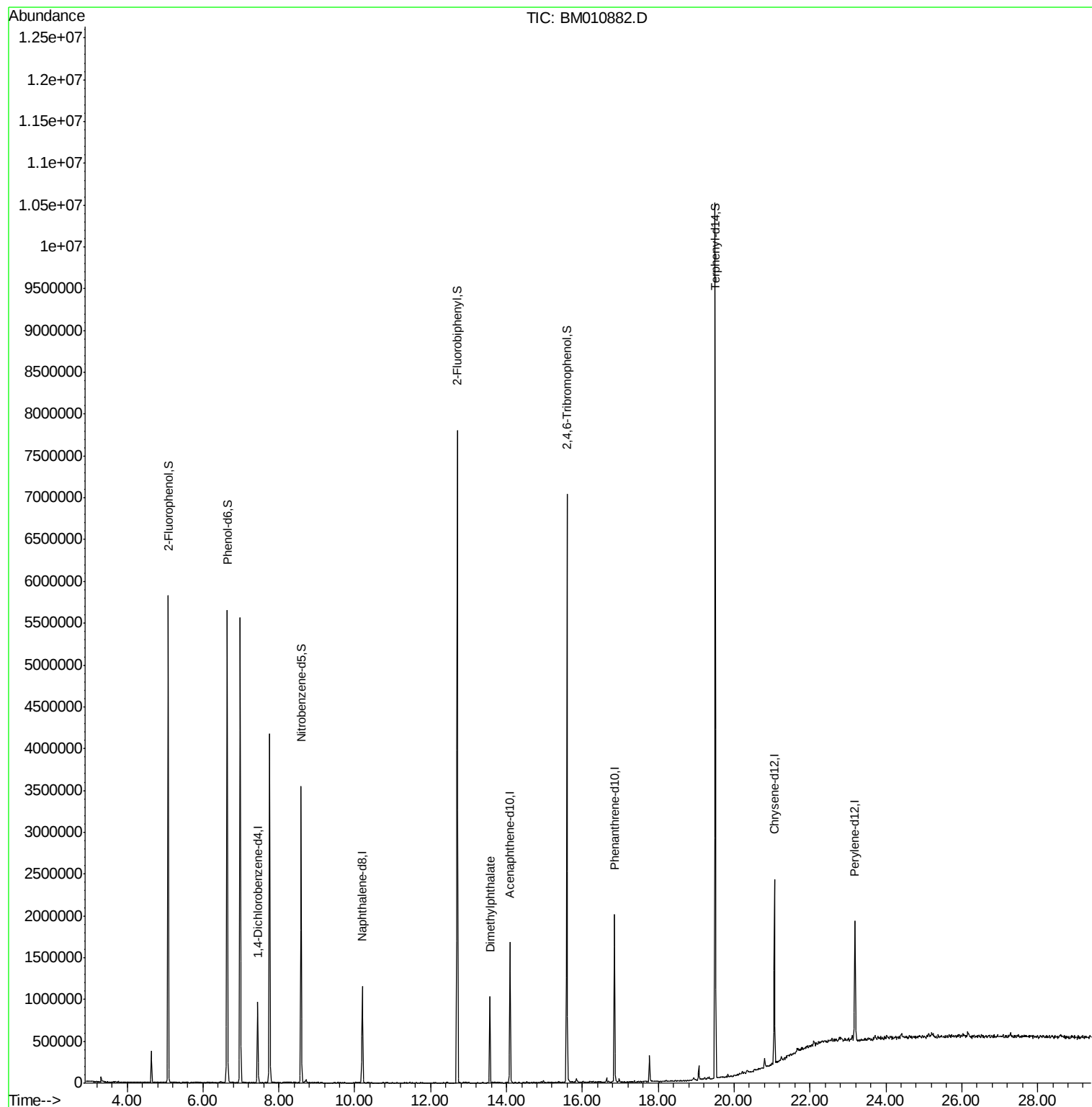
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	204042	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	788276	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	481294	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	1035956	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1013743	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	13.65	ng	Qvalue # 99

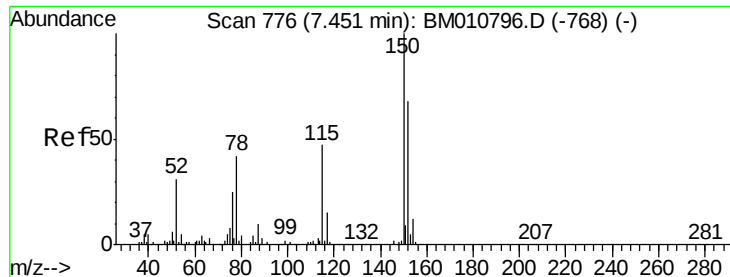
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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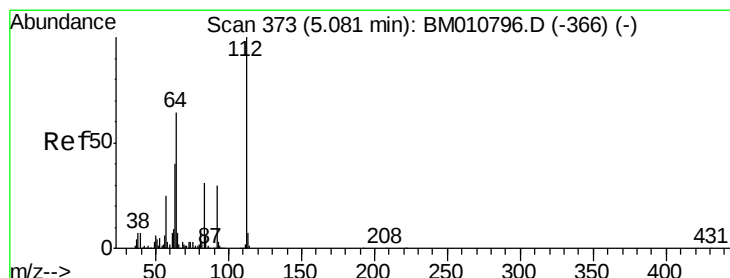
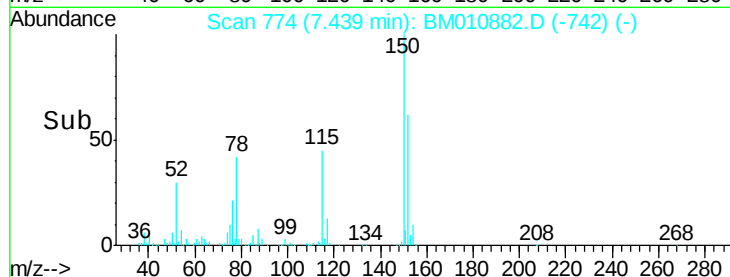
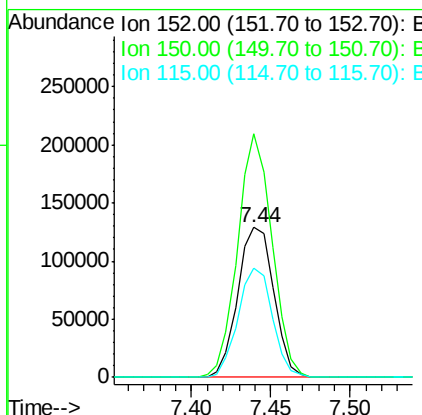
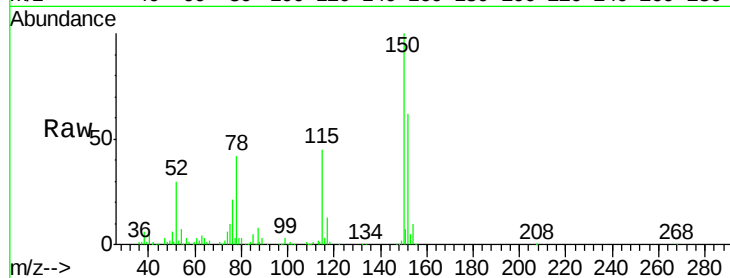


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 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

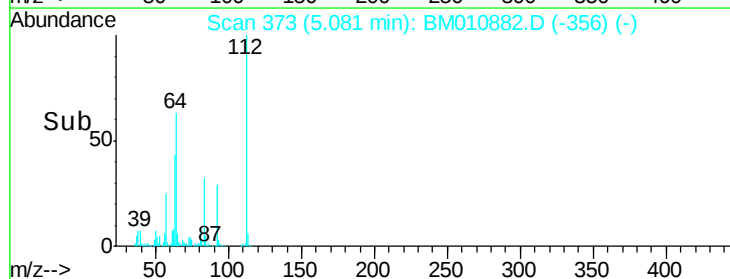
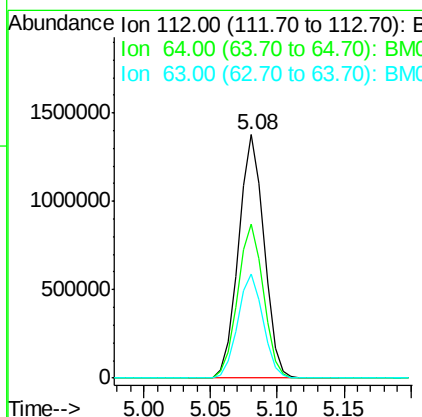
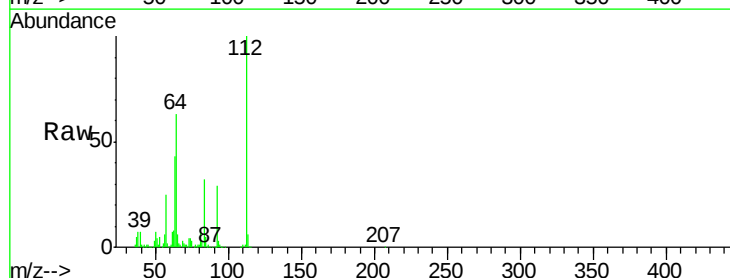
Tot Ion	Ratio	Lower	Upper
152	100		
150	162.2	119.5	179.3
115	72.5	43.0	64.4

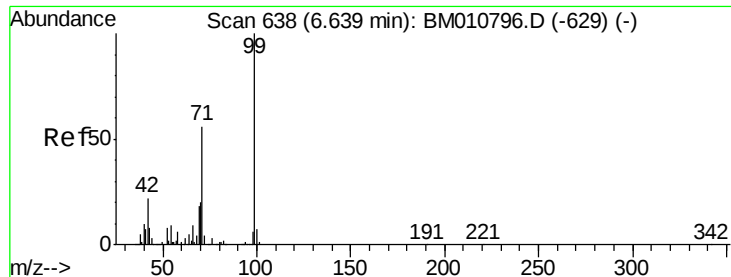


#5

2-Fluorophenol
Concen: 148.17 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: 146.39 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

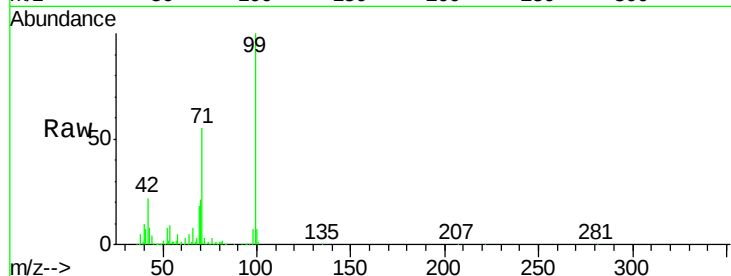
Tot Ion: 99 Resp: 2485843

Ion Ratio Lower Upper

99 100

42 22.0 11.0 16.4#

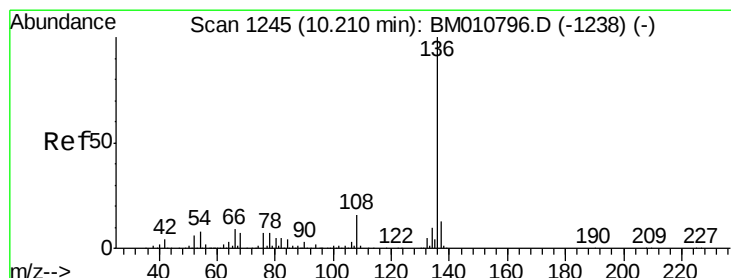
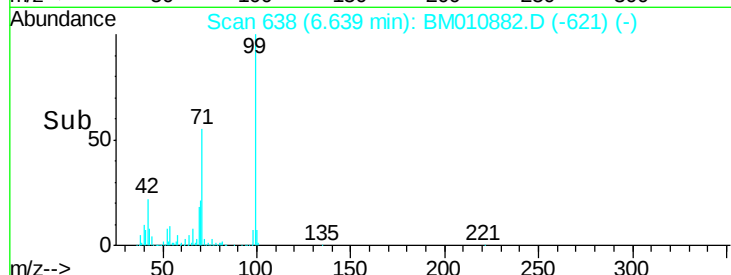
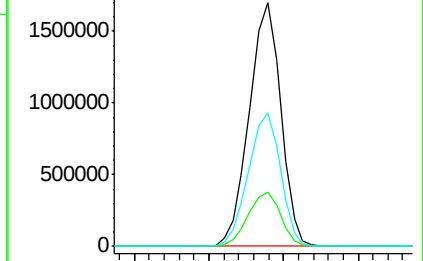
71 55.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010796.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM010796.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM010796.D (-629) (-)



#21

Naphthalene-d8

Concen: 20.00 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

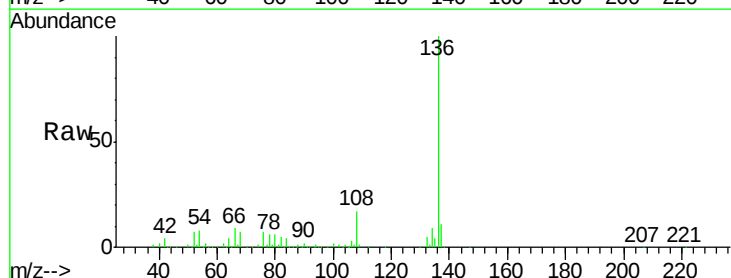
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 7.8 4.6 6.8#

68 7.0 3.7 5.5#

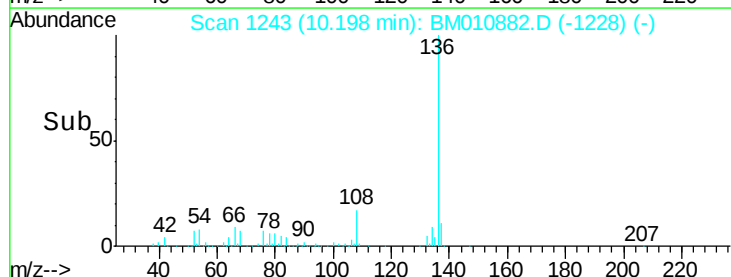
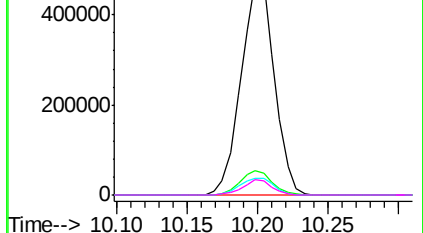


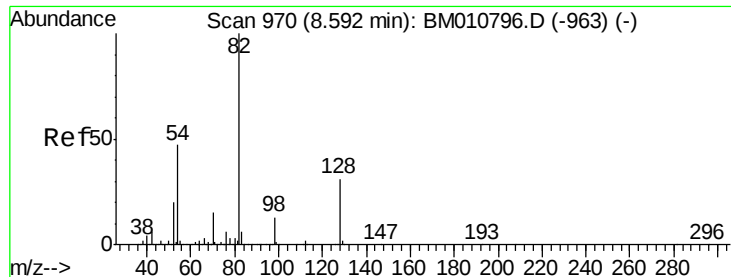
Abundance Ion 136.00 (135.70 to 136.70): BM010796.D (-1238) (-)

Ion 137.00 (136.70 to 137.70): BM010796.D (-1238) (-)

Ion 54.00 (53.70 to 54.70): BM010796.D (-1238) (-)

Ion 68.00 (67.70 to 68.70): BM010796.D (-1238) (-)

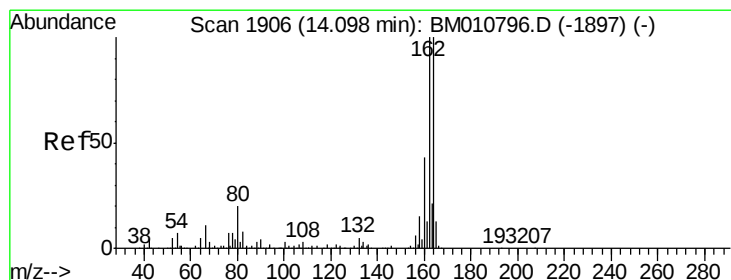
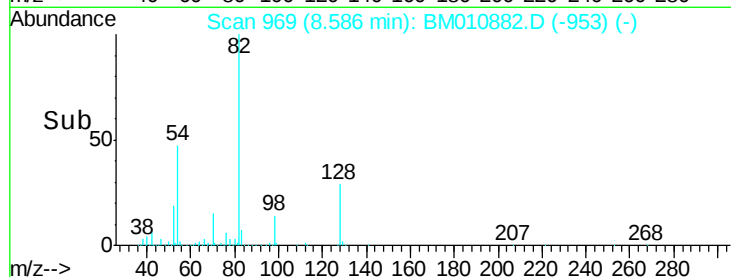
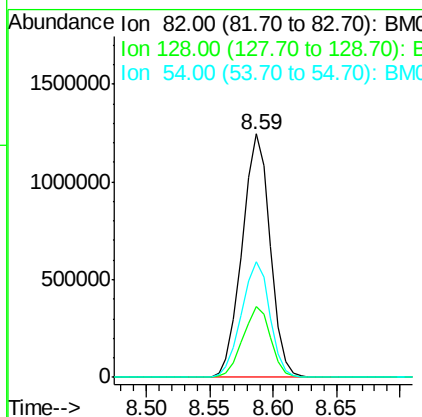
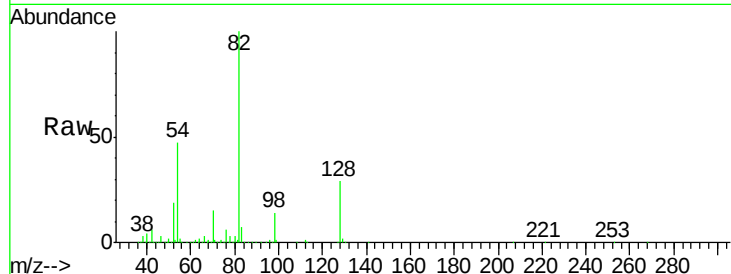




#23
 Nitrobenzene-d5
 Concen: 93.45 ng
 RT: 8.59 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BM010882.D
 Acq: 18 Jul 2017 22:06

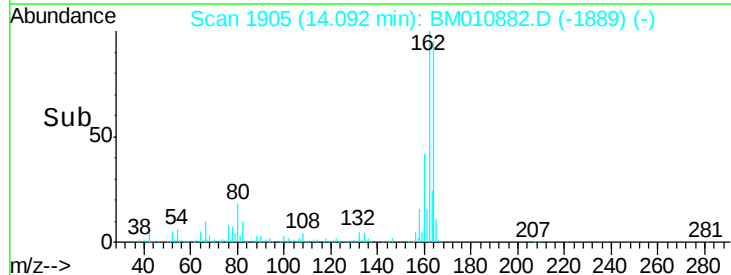
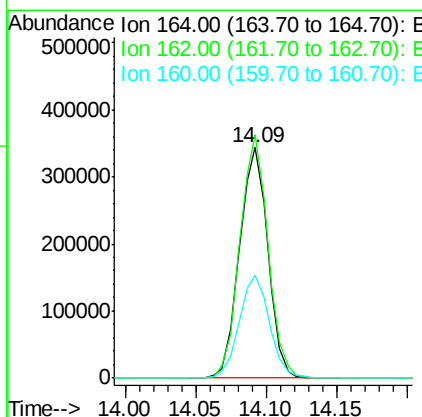
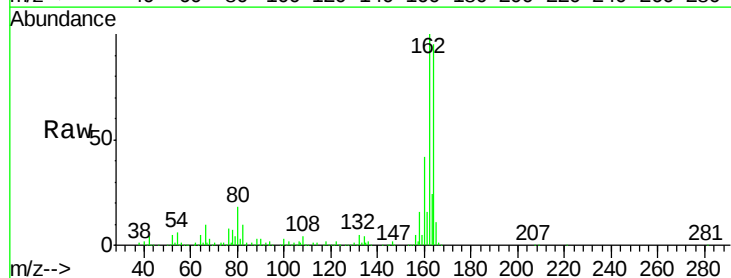
Instrument :
 BNA_M
 ClientSampleId :
 DEC-05

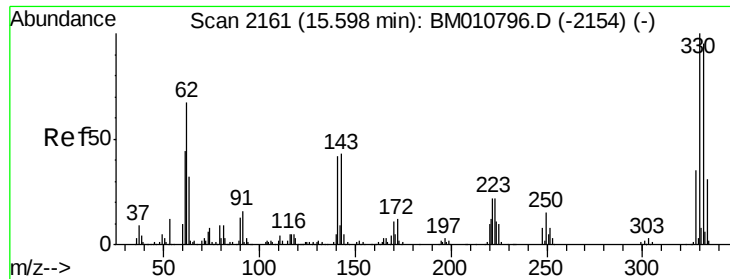
Tot Ion: 82 Resp: 1916445
 Ion Ratio Lower Upper
 82 100
 128 28.8 32.8 49.2#
 54 47.3 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 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

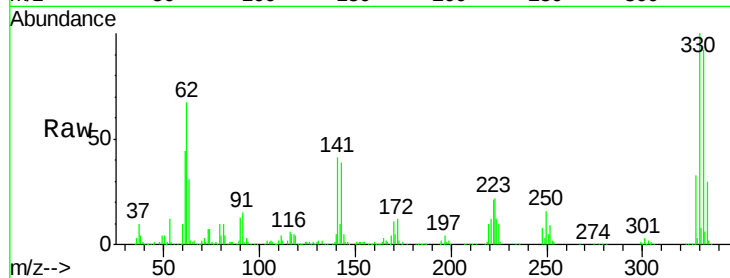




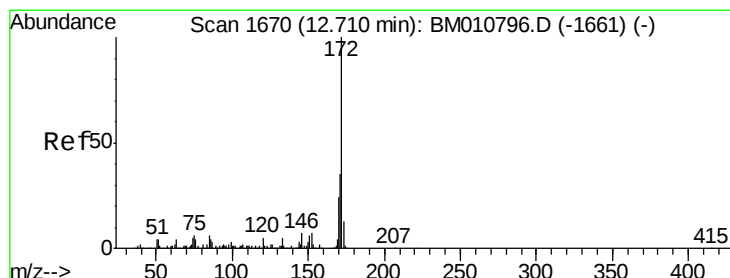
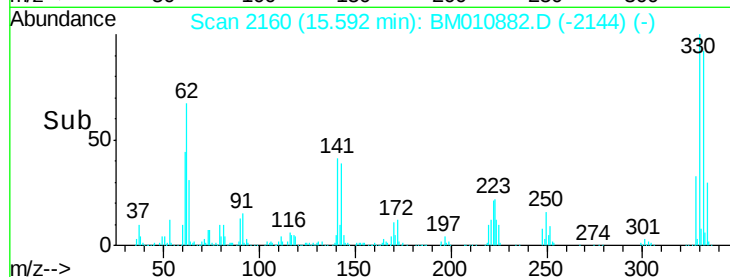
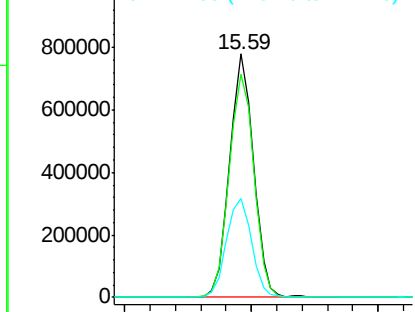
#41
 2,4,6-Tribromophenol
 Concen: 138.10 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010882.D
 Acq: 18 Jul 2017 22:06

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#

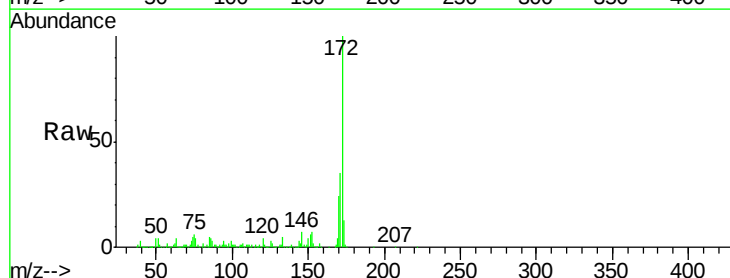


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

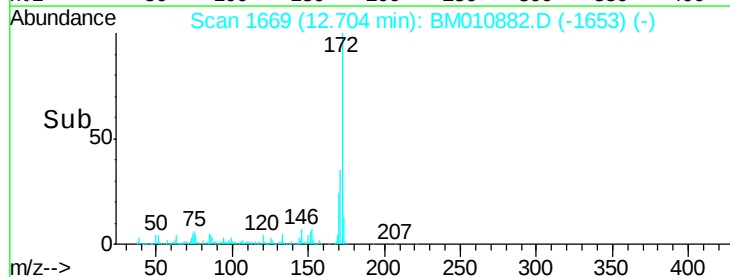
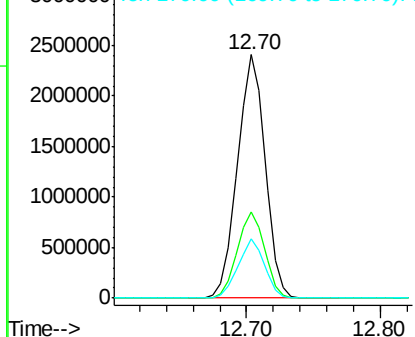


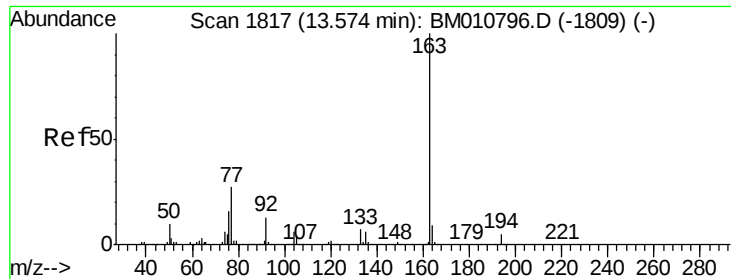
#44
 2-Fluorobiphenyl
 Concen: 89.26 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM010882.D
 Acq: 18 Jul 2017 22:06

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: 13.65 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

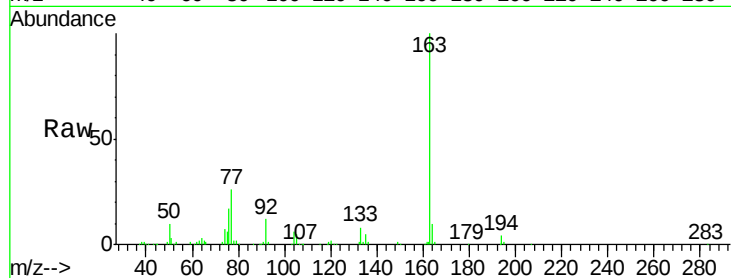
Tot Ion:163 Resp: 559067

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

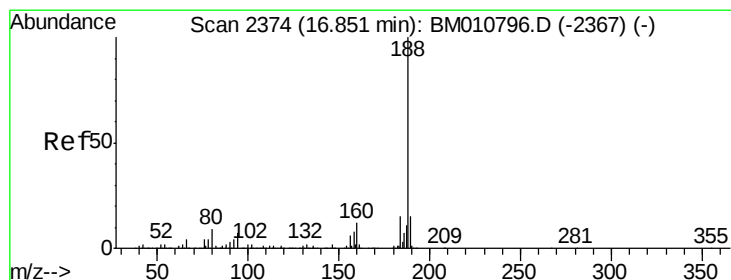
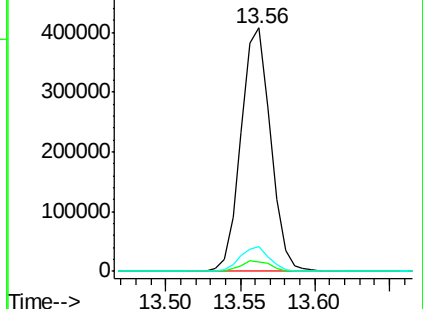
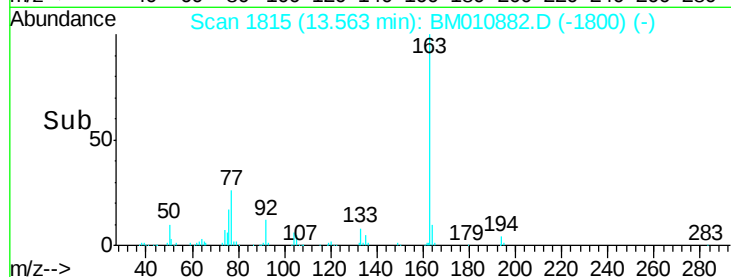
164 10.4 8.2 12.2



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: 20.00 ng

RT: 16.84 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BM010882.D

Acq: 18 Jul 2017 22:06

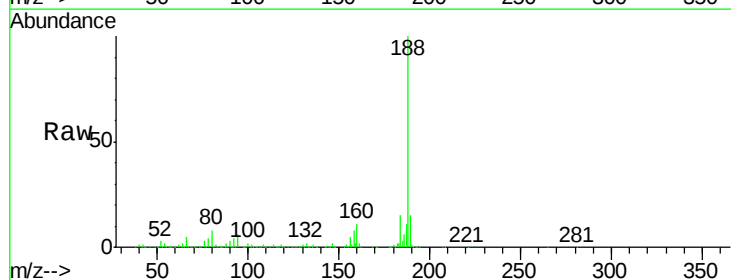
Tgt Ion:188 Resp: 1035956

Ion Ratio Lower Upper

188 100

94 6.1 8.7 13.1#

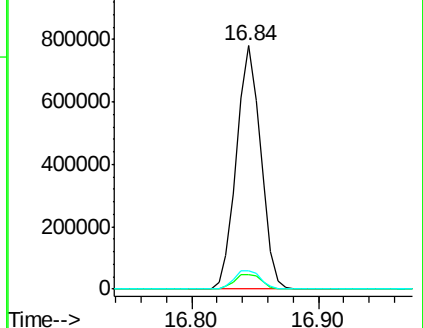
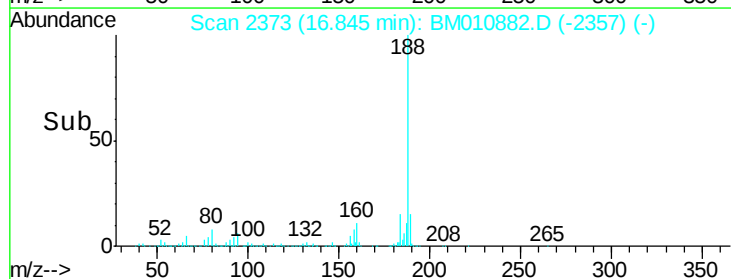
80 7.7 9.3 13.9#

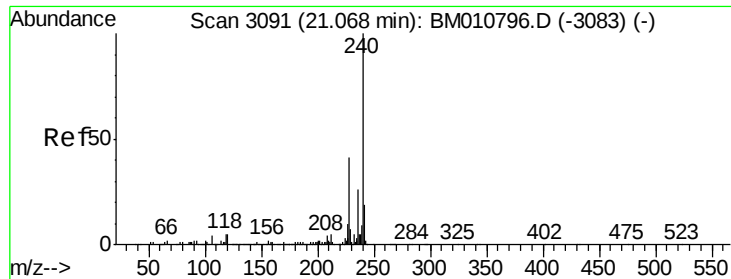


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

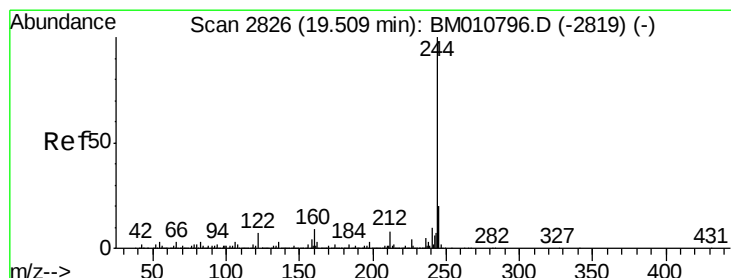
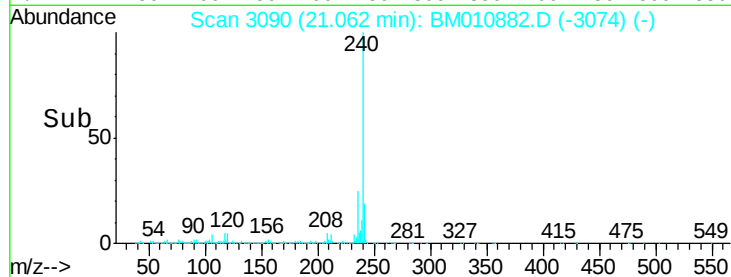
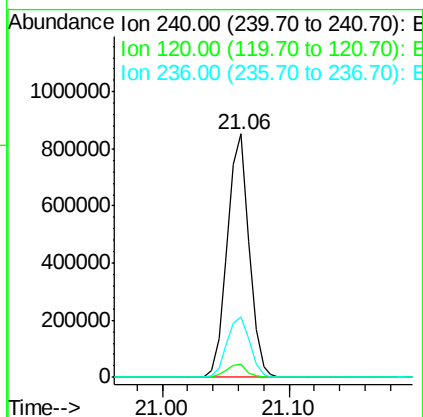
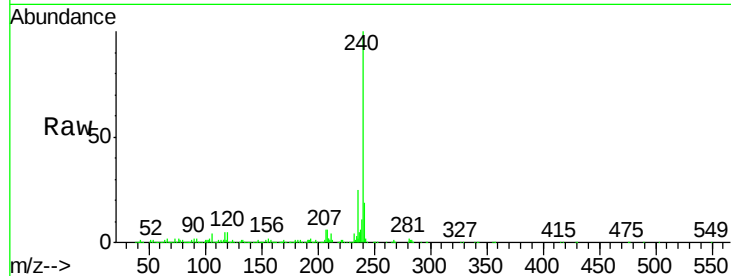




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.06 min Scan# 3090
 Delta R.T. -0.01 min
 Lab File: BM010882.D
 Acq: 18 Jul 2017 22:06

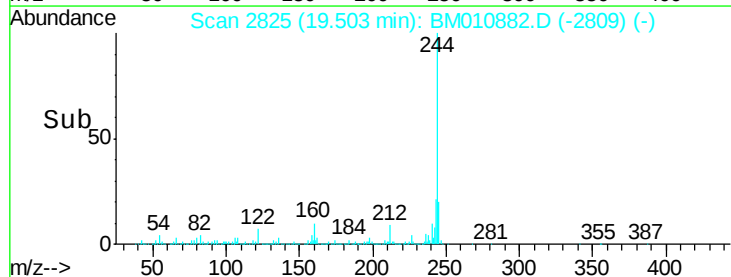
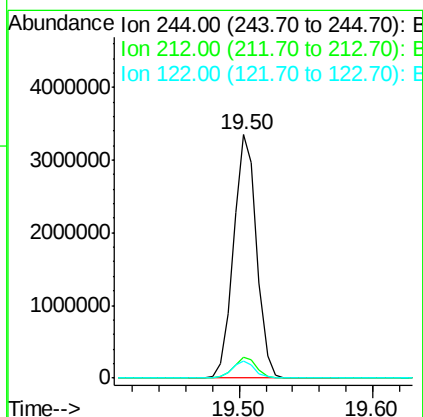
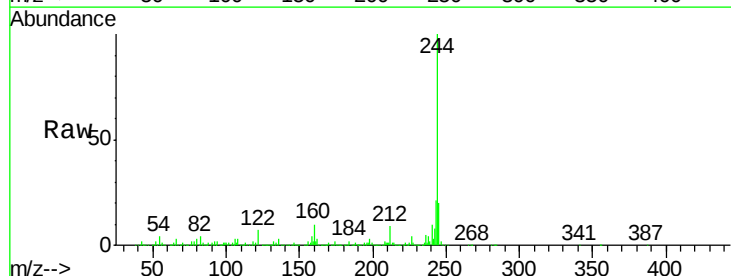
Instrument :
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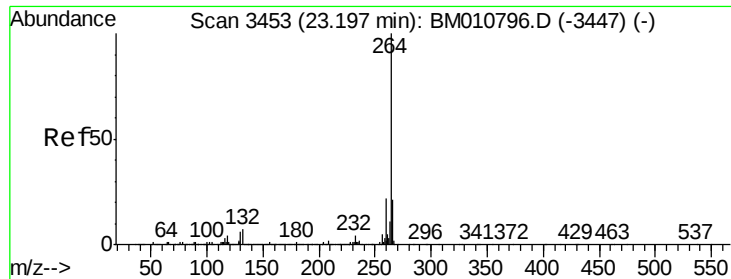
Tot Ion:240 Resp: 1013743
 Ion Ratio Lower Upper
 240 100
 120 5.4 8.2 12.2#
 236 24.7 20.0 30.0



#78
 Terphenyl-d14
 Concen: 76.88 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

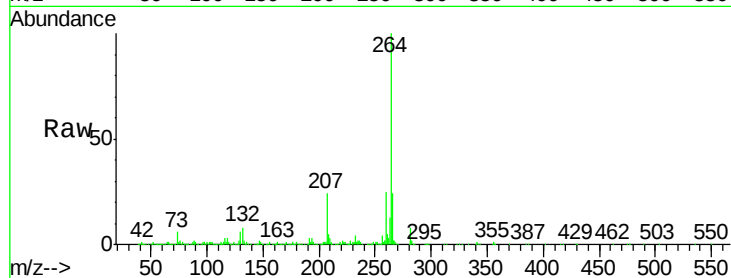




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.19 min Scan# 3451
 Delta R.T. -0.01 min
 Lab File: BM010882.D
 Acq: 18 Jul 2017 22:06

Instrument :
 BNA_M
 ClientSampleId :
 DEC-05

Tot Ion	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

