

Data File : BM010951.D
Acq On : 22 Jul 2017 00:23
Operator : SJ/JU
Sample : I4312-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-237

Quant Time: Jul 22 02:30:38 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	7.42	152	254694	20.00	ng	-0.03
21) Naphthalene-d8	10.18	136	972963	20.00	ng	-0.03
38) Acenaphthene-d10	14.07	164	632981	20.00	ng	-0.02
63) Phenanthrene-d10	16.83	188	1649224	20.00	ng	-0.02
75) Chrysene-d12	21.05	240	1598307	20.00	ng	-0.02
86) Perylene-d12	23.17	264	1337724	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	1522504	99.02	ng	-0.02
7) Phenol-d6	6.62	99	1933480	91.22	ng	-0.02
23) Nitrobenzene-d5	8.57	82	1802092	71.19	ng	-0.02
41) 2,4,6-Tribromophenol	15.58	330	1211812	125.28	ng	-0.02
44) 2-Fluorobiphenyl	12.69	172	3583246	70.42	ng	-0.02
78) Terphenyl-d14	19.50	244	6494408	78.59	ng	-0.01
Target Compounds						
76) Benzidine	19.10	184	209264	4.89	ng	Qvalue 96

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

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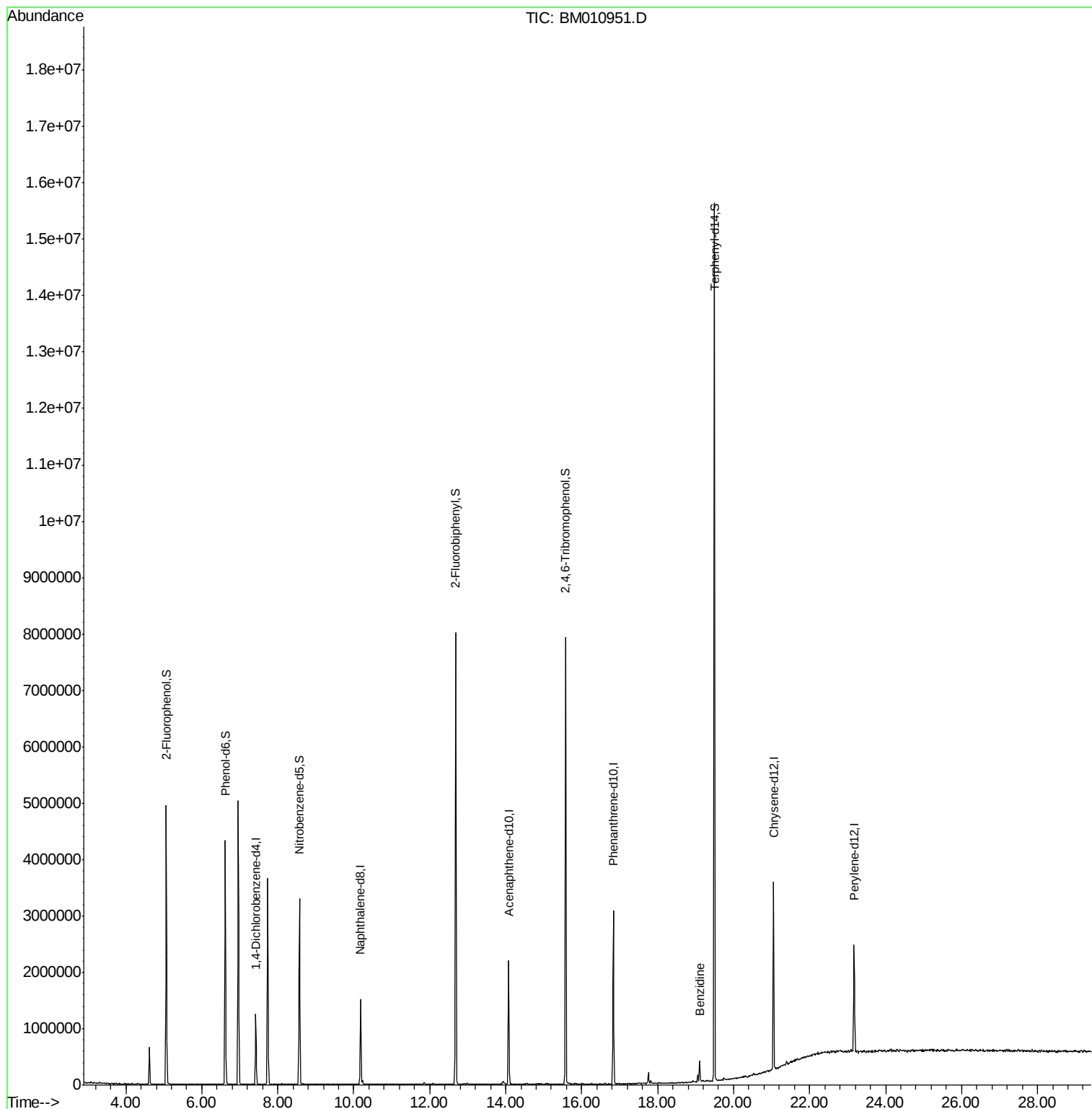
Quant Time: Jul 22 02:30:38 2017

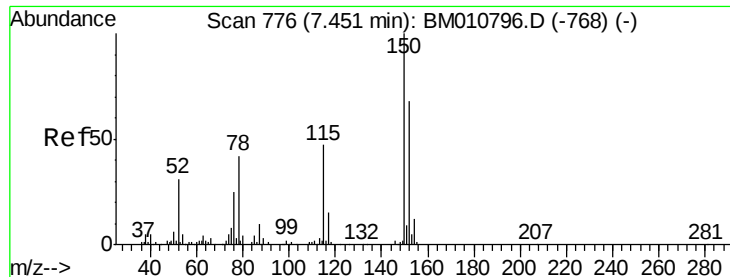
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M

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QLast Update : Wed Jul 12 14:21:16 2017

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.42 min Scan# 771

Delta R.T. -0.03 min

Lab File: BM010951.D

Acq: 22 Jul 2017 00:23

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BNA_M

ClientSampleId :

VNJ-237

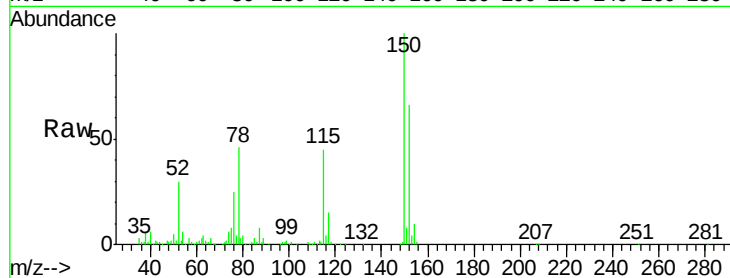
Tgt Ion:152 Resp: 254694

Ion Ratio Lower Upper

152 100

150 150.4 119.5 179.3

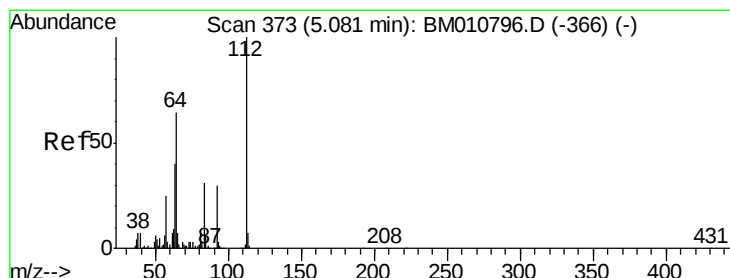
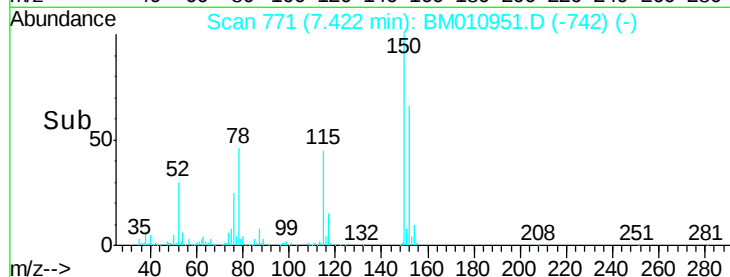
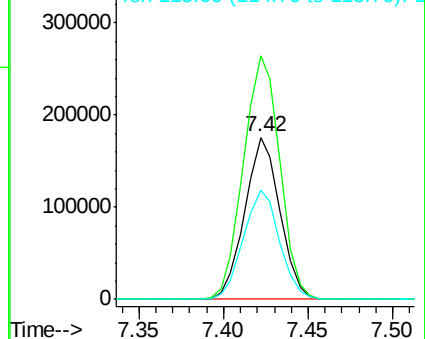
115 67.1 43.0 64.4#



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: 99.02 ng

RT: 5.06 min Scan# 370

Delta R.T. -0.02 min

Lab File: BM010951.D

Acq: 22 Jul 2017 00:23

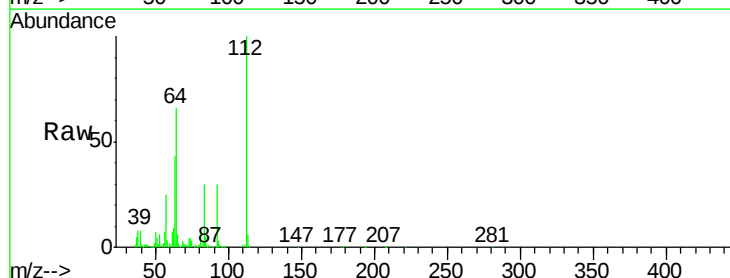
Tgt Ion:112 Resp: 1522504

Ion Ratio Lower Upper

112 100

64 66.5 38.6 57.8#

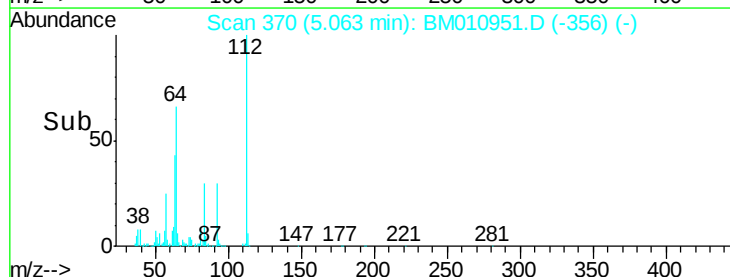
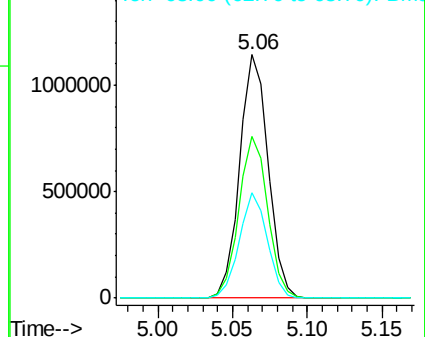
63 43.2 19.3 28.9#

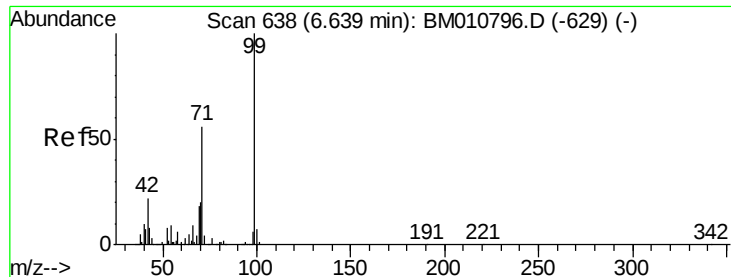


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 91.22 ng

RT: 6.62 min Scan# 635

Delta R.T. -0.02 min

Lab File: BM010951.D

Acq: 22 Jul 2017 00:23

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VNJ-237

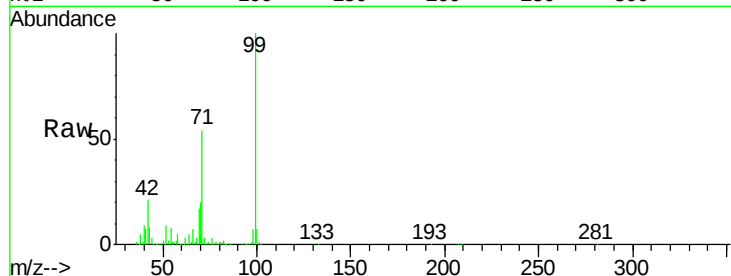
Tgt Ion: 99 Resp: 1933480

Ion Ratio Lower Upper

99 100

42 21.3 11.0 16.4#

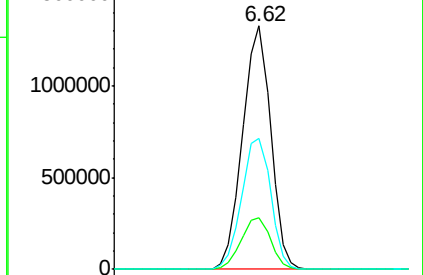
71 53.8 23.4 35.2#



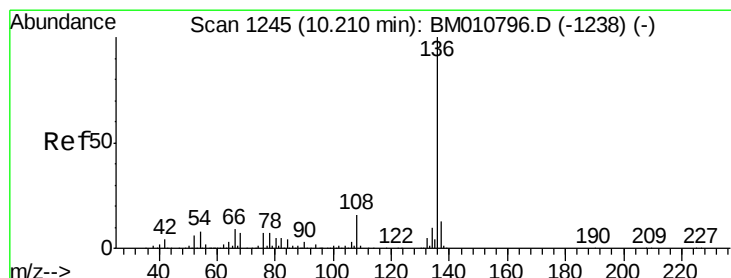
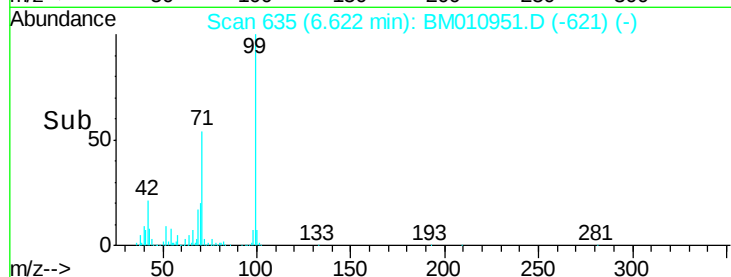
Abundance Ion 99.00 (98.70 to 99.70): BM010796.D (-629) (-)

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

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



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.18 min Scan# 1240

Delta R.T. -0.03 min

Lab File: BM010951.D

Acq: 22 Jul 2017 00:23

Tgt Ion: 136 Resp: 972963

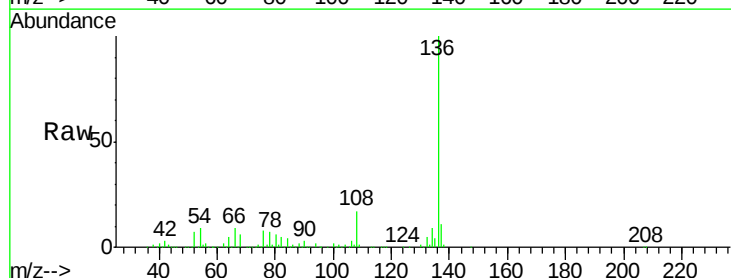
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 8.7 4.6 6.8#

68 5.6 3.7 5.5#

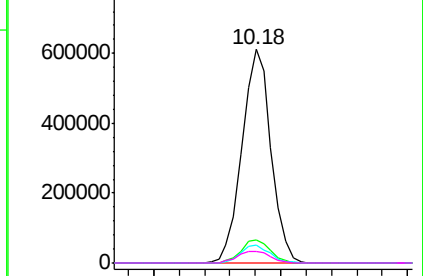


Abundance Ion 136.00 (135.70 to 136.70): BM010796.D (-1238) (-)

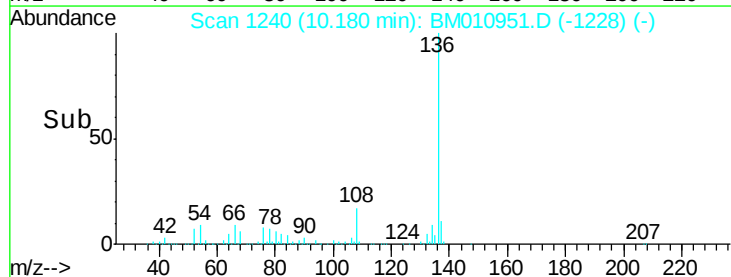
Ion 137.00 (136.70 to 137.70): BM010796.D (-1238) (-)

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

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



Time-->

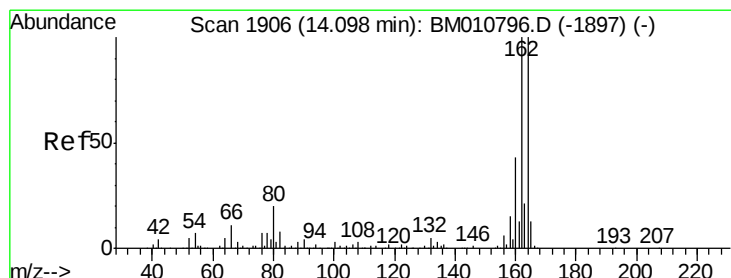
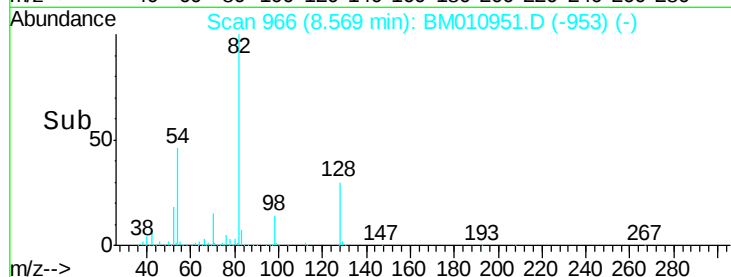
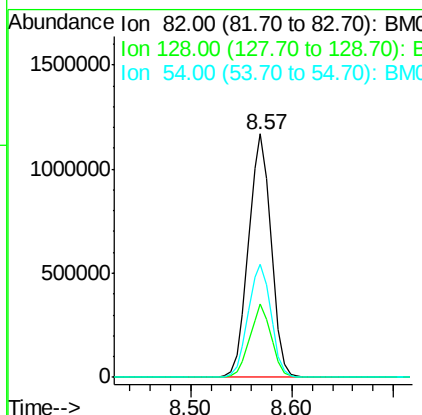
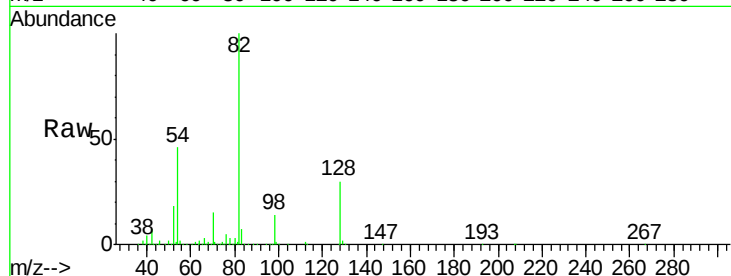




#23
 Nitrobenzene-d5
 Concen: 71.19 ng
 RT: 8.57 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BM010951.D
 Acq: 22 Jul 2017 00:23

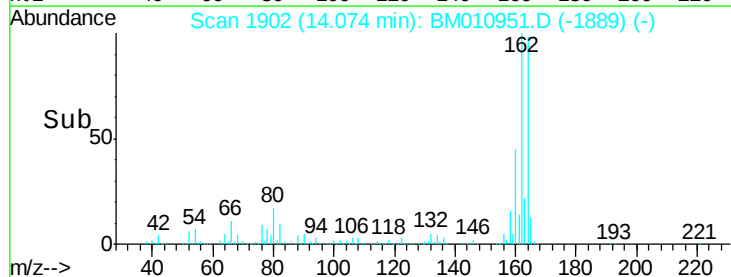
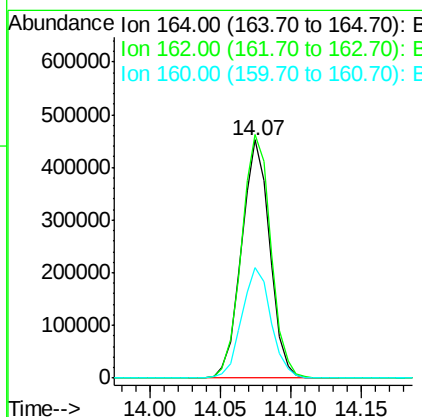
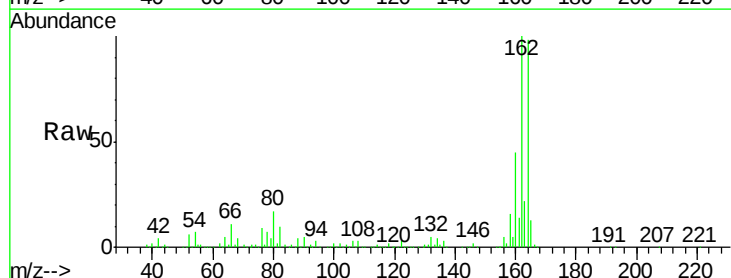
Instrument :
 BNA_M
 ClientSampleID :
 VNJ-237

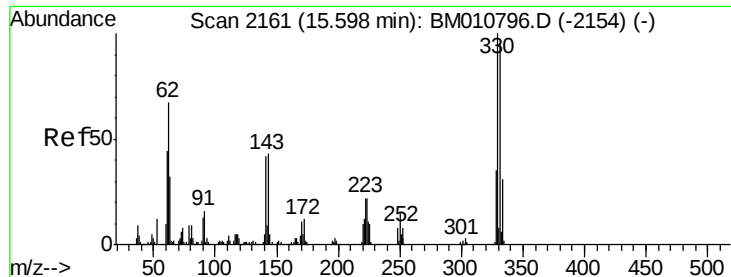
Tgt Ion: 82 Resp: 1802092
 Ion Ratio Lower Upper
 82 100
 128 30.0 32.8 49.2#
 54 46.4 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.07 min Scan# 1902
 Delta R.T. -0.02 min
 Lab File: BM010951.D
 Acq: 22 Jul 2017 00:23

Tgt Ion: 164 Resp: 632981
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.4 123.6
 160 46.3 35.8 53.6





#41

2,4,6-Tribromophenol

Concen: 125.28 ng

RT: 15.58 min Scan# 2158

Delta R.T. -0.02 min

Lab File: BM010951.D

Acq: 22 Jul 2017 00:23

Instrument :

BNA_M

ClientSampled :

VNJ-237

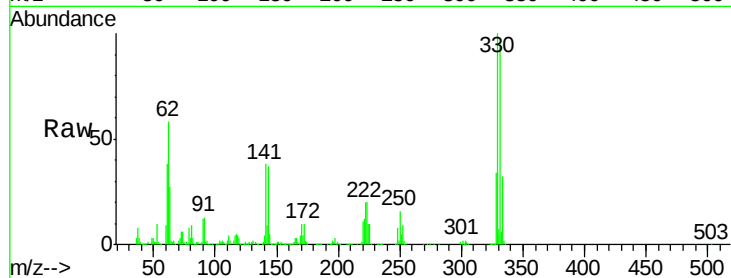
Tgt Ion:330 Resp: 1211812

Ion Ratio Lower Upper

330 100

332 97.3 0.0 0.0#

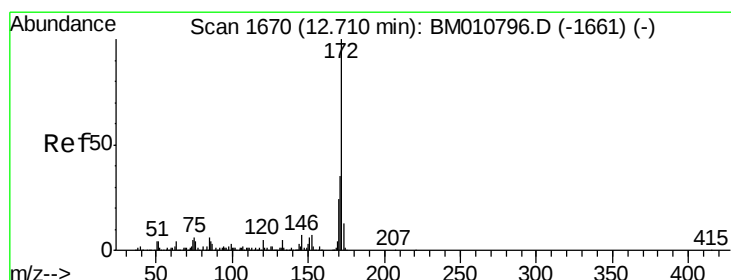
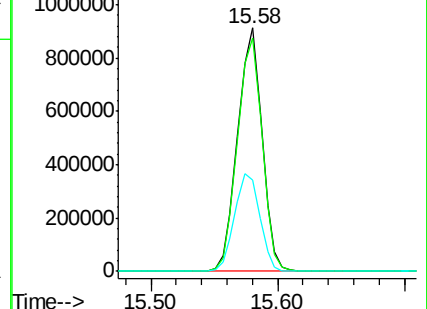
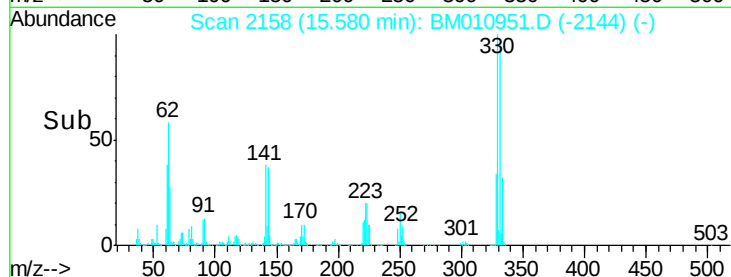
141 41.8 0.0 0.0#



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: 70.42 ng

RT: 12.69 min Scan# 1666

Delta R.T. -0.02 min

Lab File: BM010951.D

Acq: 22 Jul 2017 00:23

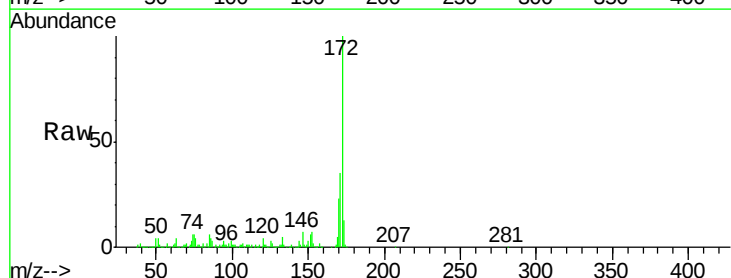
Tgt Ion:172 Resp: 3583246

Ion Ratio Lower Upper

172 100

171 35.0 28.5 42.7

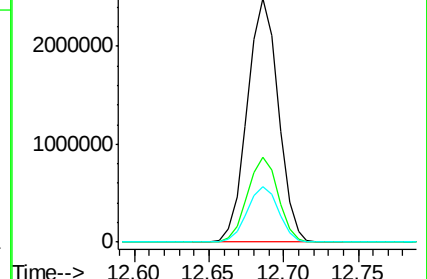
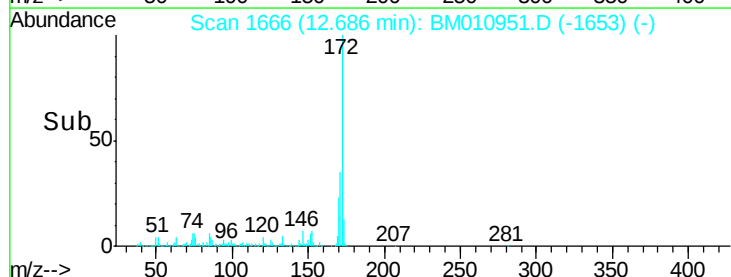
170 22.6 18.8 28.2

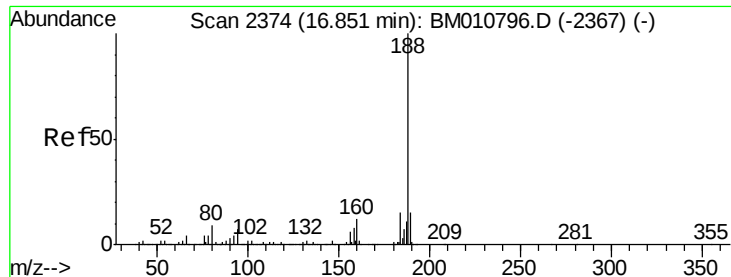


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

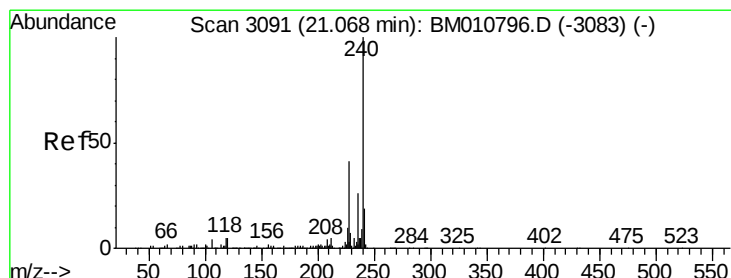
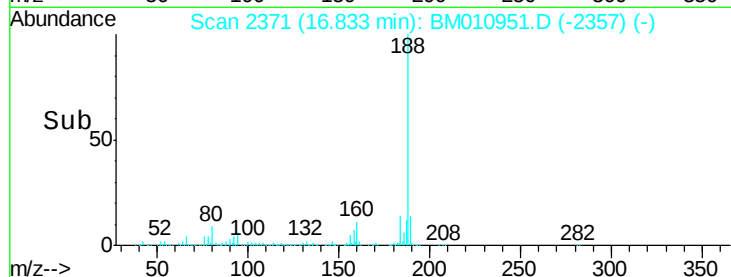
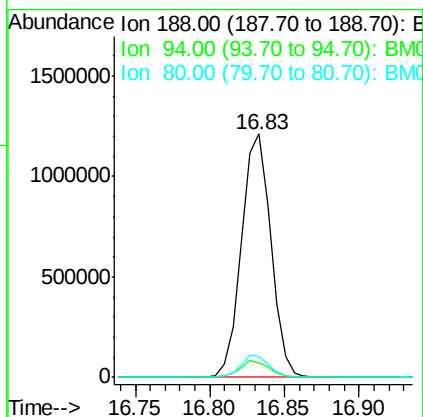
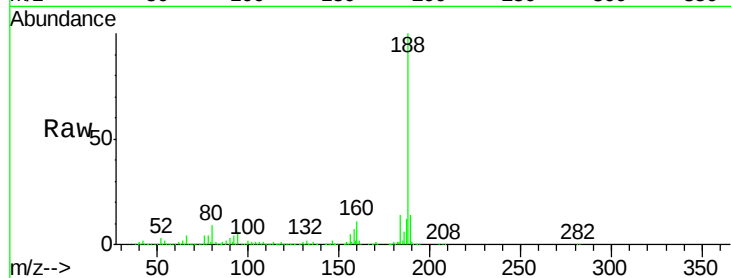




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.83 min Scan# 2371
Delta R.T. -0.02 min
Lab File: BM010951.D
Acq: 22 Jul 2017 00:23

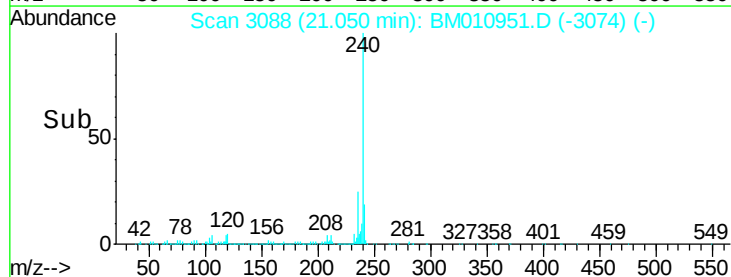
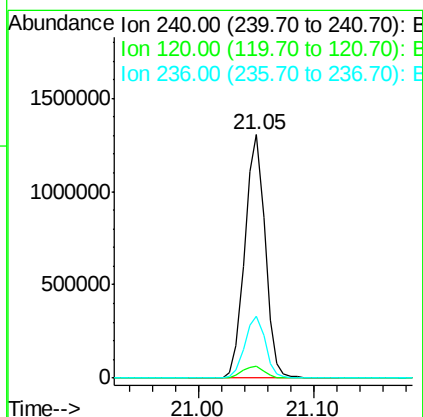
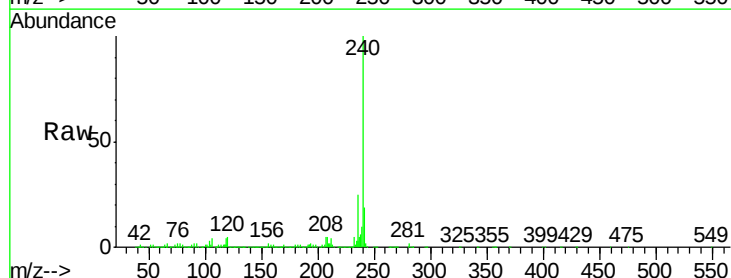
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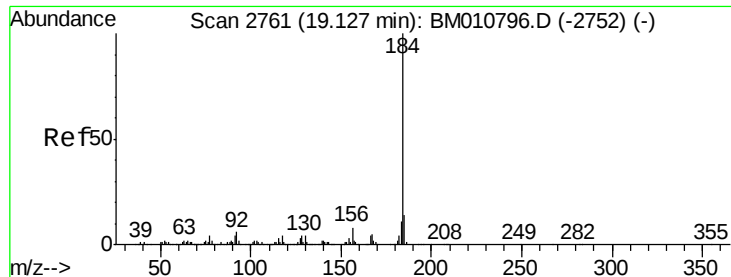
Tgt Ion:188 Resp: 1649224
Ion Ratio Lower Upper
188 100
94 6.2 8.7 13.1#
80 8.5 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.05 min Scan# 3088
Delta R.T. -0.02 min
Lab File: BM010951.D
Acq: 22 Jul 2017 00:23

Tgt Ion:240 Resp: 1598307
Ion Ratio Lower Upper
240 100
120 4.9 8.2 12.2#
236 25.3 20.0 30.0

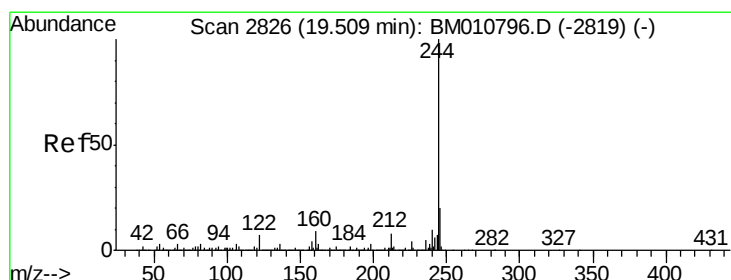
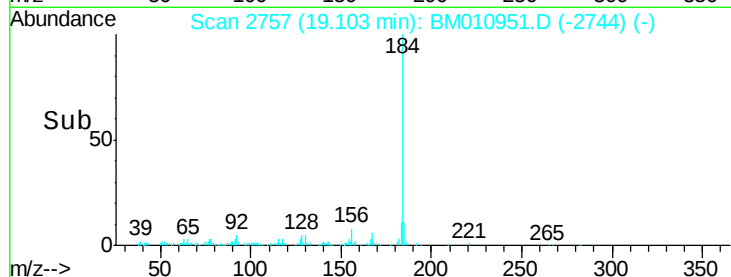
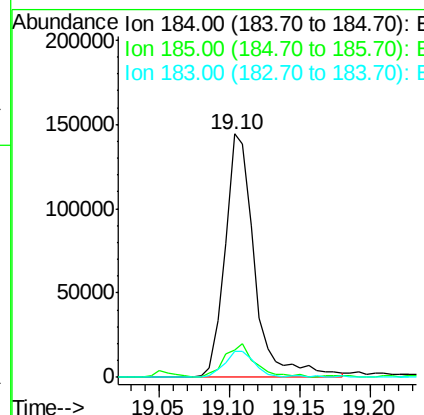
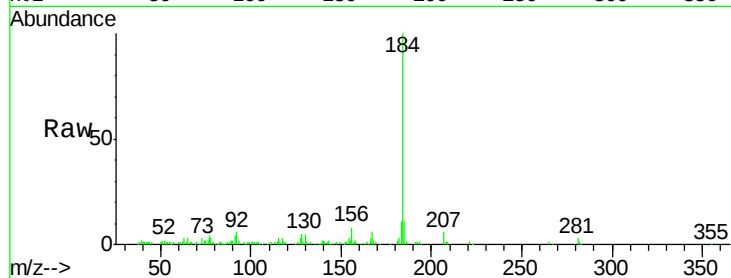




#76
Benzidine
Concen: 4.89 ng
RT: 19.10 min Scan# 2757
Delta R.T. -0.02 min
Lab File: BM010951.D
Acq: 22 Jul 2017 00:23

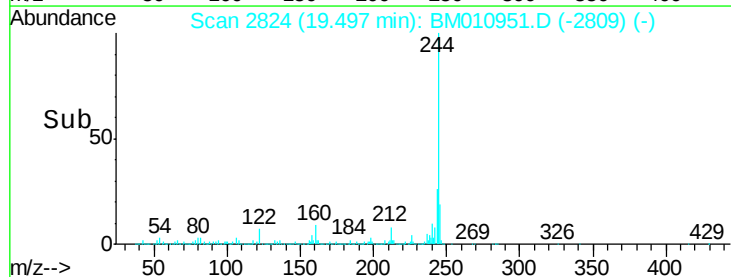
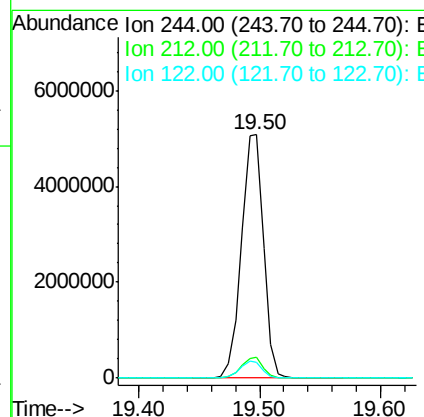
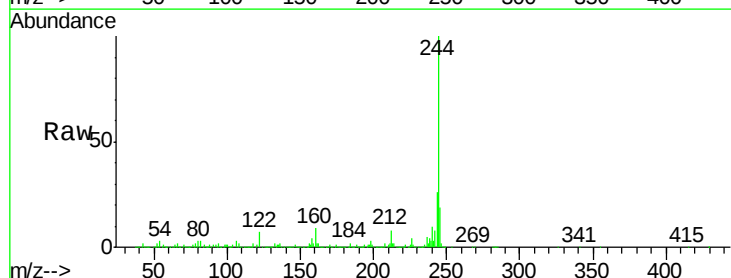
Instrument :
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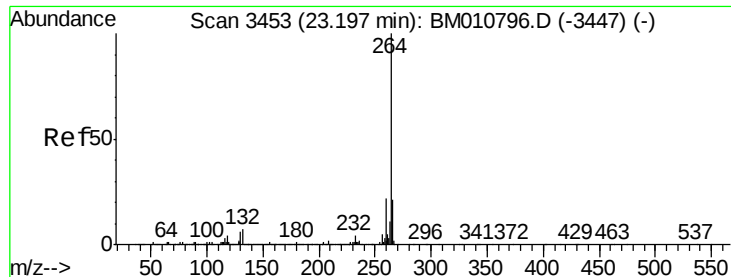
Tgt Ion	Ratio	Lower	Upper
184	100		
185	11.3	11.3	16.9
183	10.6	8.9	13.3



#78
Terphenyl-d14
Concen: 78.59 ng
RT: 19.50 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BM010951.D
Acq: 22 Jul 2017 00:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	4.9	7.3#
122	6.5	6.2	9.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.17 min Scan# 3449
Delta R.T. -0.02 min
Lab File: BM010951.D
Acq: 22 Jul 2017 00:23

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion: 264 Resp: 1337724

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	22.8	17.3	25.9

