

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
 Data File : BM010863.D
 Acq On : 18 Jul 2017 08:19
 Operator : SJ/JU
 Sample : I4176-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-225-241-72-11938-COMP

Quant Time: Jul 18 09:00:19 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	7.45	152	267942	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1106522	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	398874	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	1645695	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1079597	20.00	ng	0.00
86) Perylene-d12	23.19	264	34241	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	2197262	135.84	ng	0.00
7) Phenol-d6	6.64	99	2181584	97.83	ng	0.00
23) Nitrobenzene-d5	8.59	82	2644835	91.87	ng	0.00
41) 2,4,6-Tribromophenol	15.60	330	1537611	252.25	ng	0.00
44) 2-Fluorobiphenyl	12.71	172	5824564	181.66	ng	0.00
78) Terphenyl-d14	19.51	244	8222575	147.31	ng	0.00

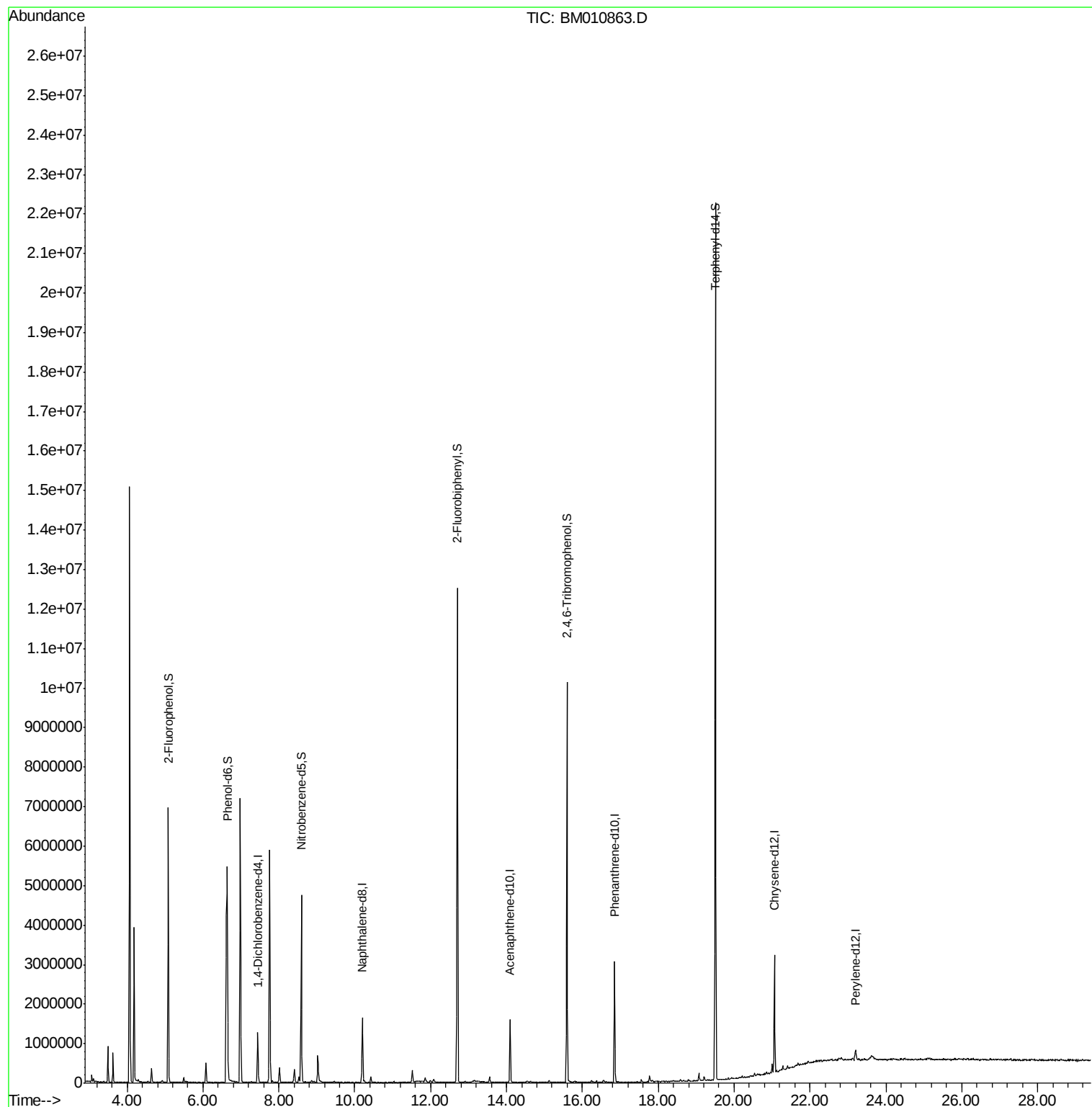
Target Compounds Qvalue

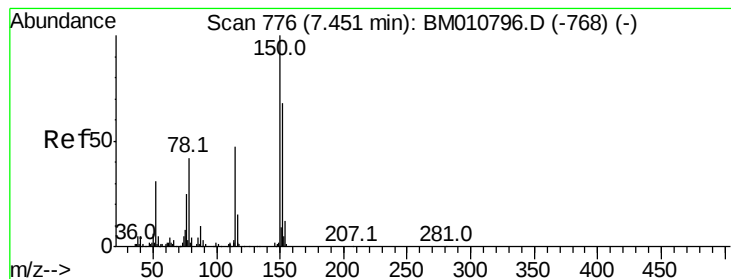
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.45 min Scan# 775

Delta R.T. -0.01 min

Lab File: BM010863.D

Acq: 18 Jul 2017 08:19

Instrument :

BNA_M

ClientSampleId :

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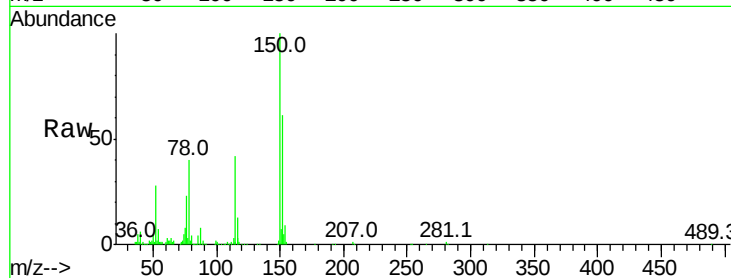
Tot Ion:152 Resp: 267942

Ion Ratio Lower Upper

152 100

150 163.5 119.5 179.3

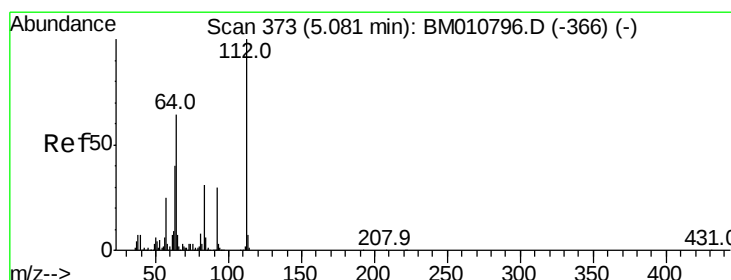
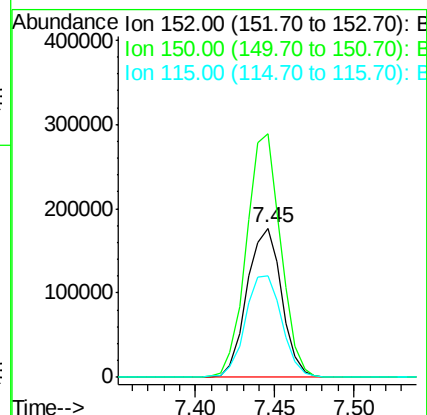
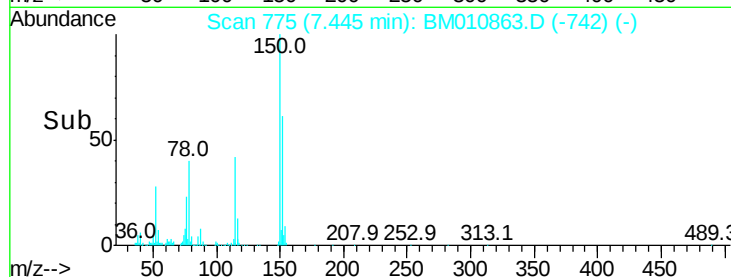
115 68.0 43.0 64.4#



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: 135.841 ng

RT: 5.09 min Scan# 374

Delta R.T. 0.01 min

Lab File: BM010863.D

Acq: 18 Jul 2017 08:19

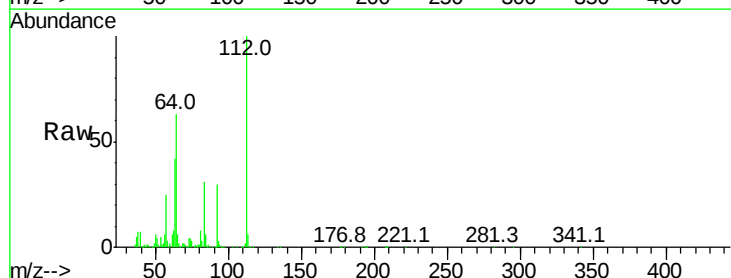
Tgt Ion:112 Resp: 2197262

Ion Ratio Lower Upper

112 100

64 63.5 38.6 57.8#

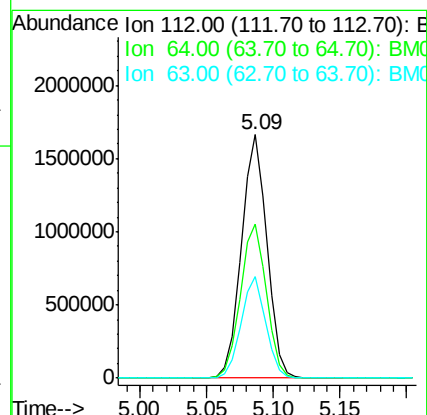
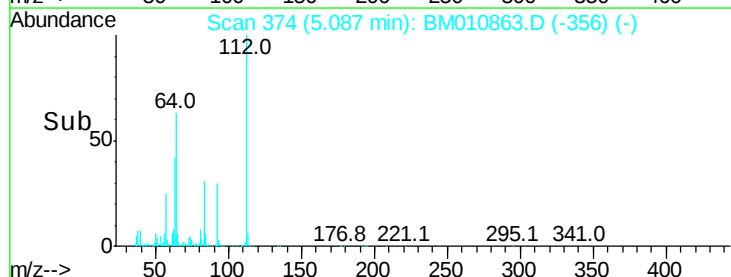
63 41.6 19.3 28.9#

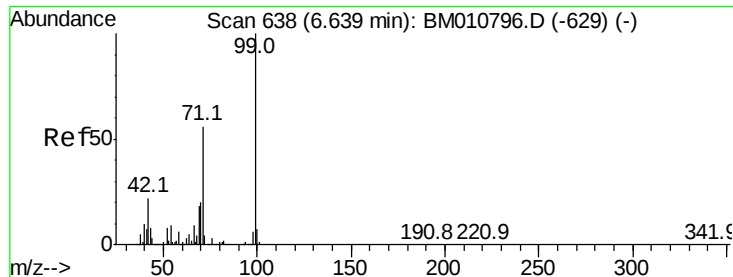


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 97.833 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010863.D

Acq: 18 Jul 2017 08:19

Instrument :

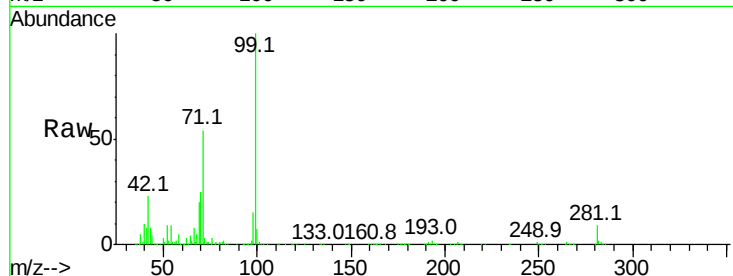
BNA_M

ClientSampleId :

VNJ-225-241-72-11938-COMP

Tot Ion: 99 Resp: 2181584

Ion	Ratio	Lower	Upper
99	100		
42	22.5	11.0	16.4#
71	54.1	23.4	35.2#

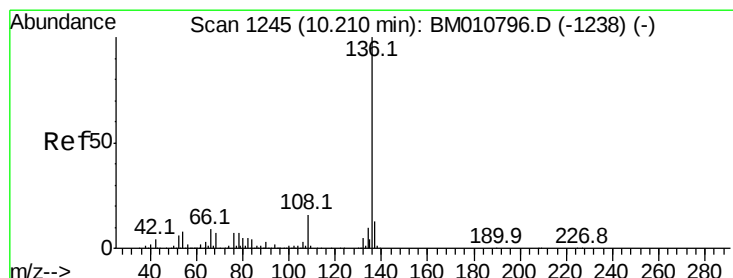
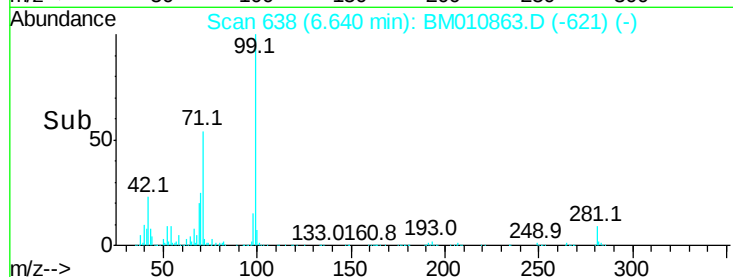
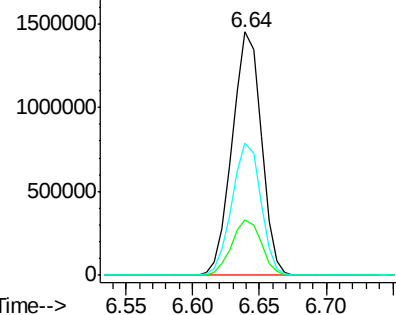


Abundance

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: 20.000 ng

RT: 10.20 min Scan# 1243

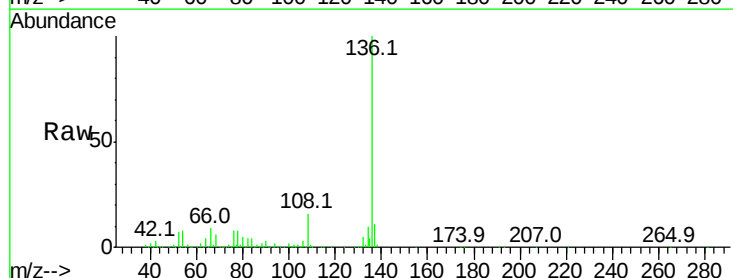
Delta R.T. -0.01 min

Lab File: BM010863.D

Acq: 18 Jul 2017 08:19

Tgt Ion: 136 Resp: 1106522

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	8.1	4.6	6.8#
68	5.5	3.7	5.5



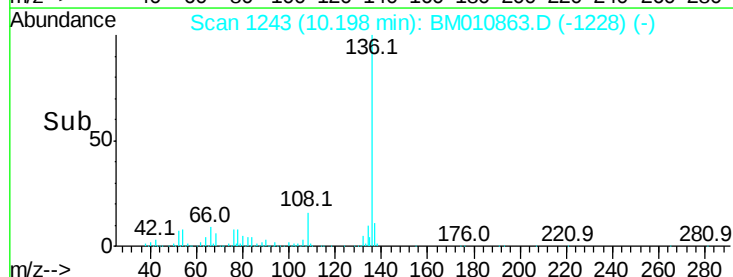
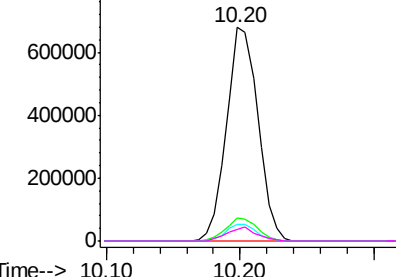
Abundance

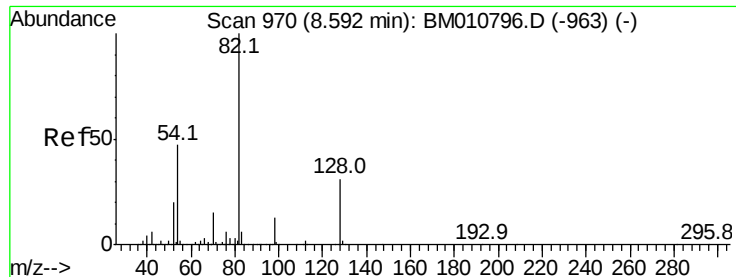
Ion 136.00 (135.70 to 136.70): BM010796.D (-1238) (-)

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: 91.874 ng

RT: 8.59 min Scan# 970

Delta R.T. 0.00 min

Lab File: BM010863.D

Acq: 18 Jul 2017 08:19

Instrument :

BNA_M

ClientSampleId :

VNJ-225-241-72-11938-COMP

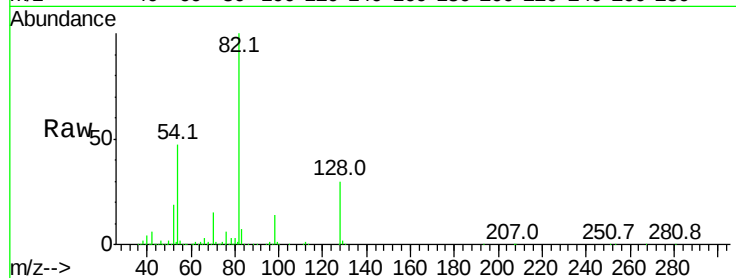
Tot Ion: 82 Resp: 2644835

Ion Ratio Lower Upper

82 100

128 30.0 32.8 49.2#

54 46.7 40.6 60.8

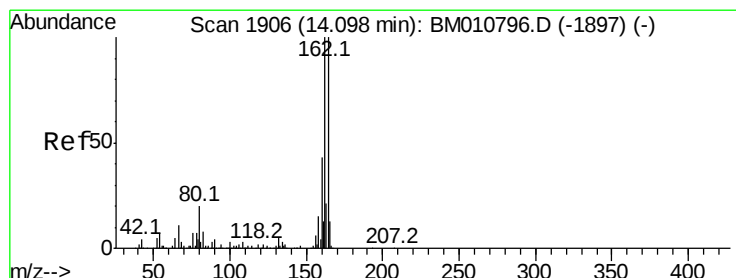
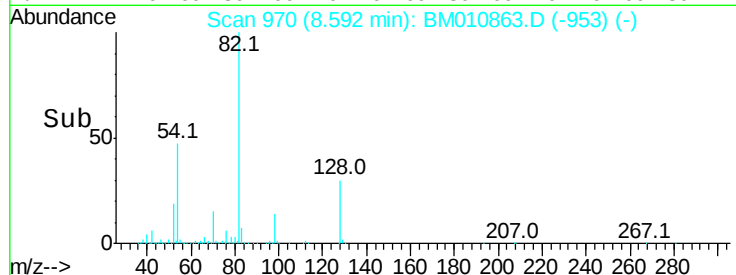


Abundance Ion 82.00 (81.70 to 82.70): BM010796.D (-963) (-)

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

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

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM010863.D

Acq: 18 Jul 2017 08:19

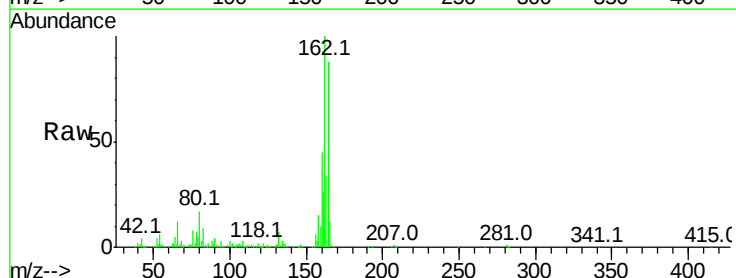
Tgt Ion:164 Resp: 398874

Ion Ratio Lower Upper

164 100

162 114.0 82.4 123.6

160 51.5 35.8 53.6

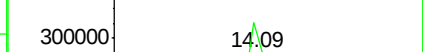
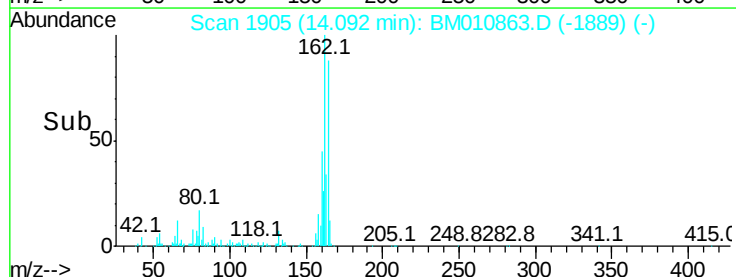


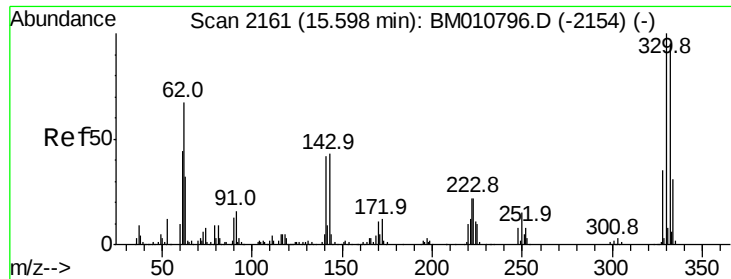
Abundance Ion 164.00 (163.70 to 164.70): BM010796.D (-1897) (-)

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

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

Time-->





#41

2,4,6-Tribromophenol

Concen: 252.252 ng

RT: 15.60 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BM010863.D

Acq: 18 Jul 2017 08:19

Instrument :

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ClientSampleId :

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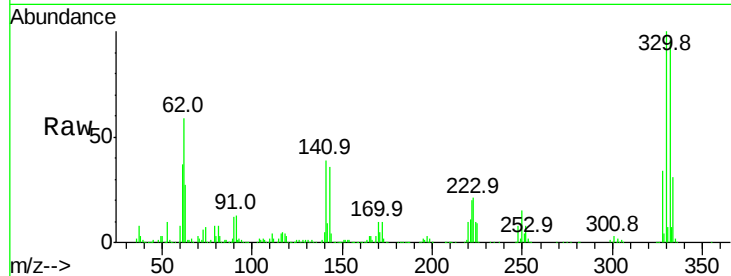
Tot Ion:330 Resp: 1537611

Ion Ratio Lower Upper

330 100

332 95.7 0.0 0.0#

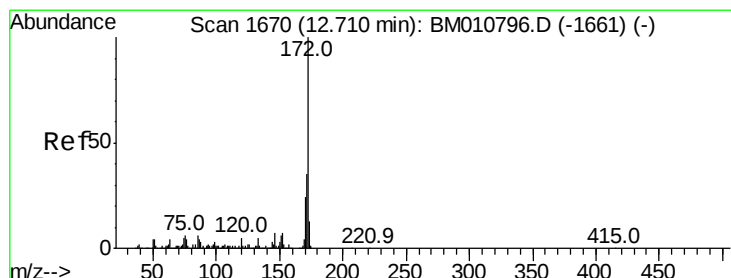
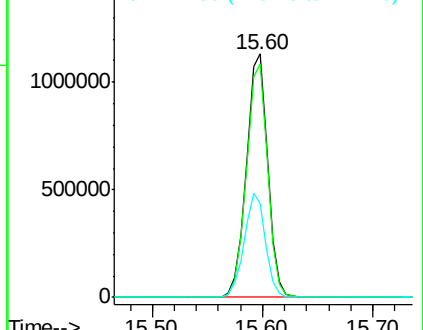
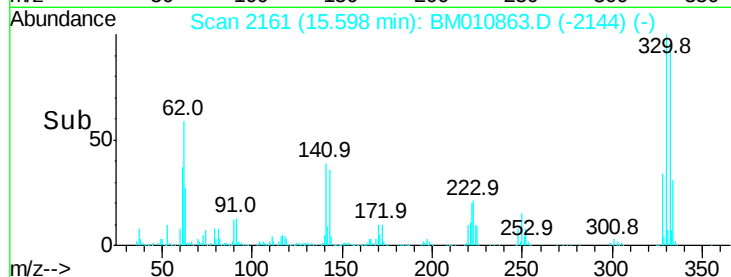
141 42.5 0.0 0.0#



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: 181.659 ng

RT: 12.71 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BM010863.D

Acq: 18 Jul 2017 08:19

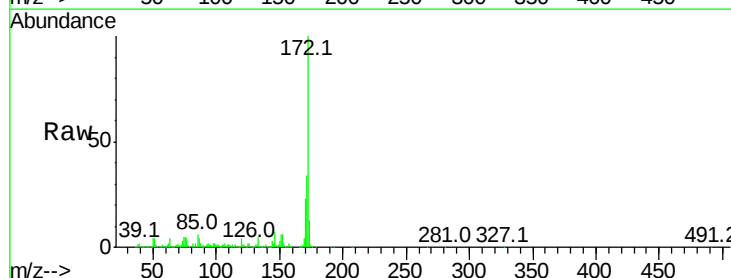
Tgt Ion:172 Resp: 5824564

Ion Ratio Lower Upper

172 100

171 33.9 28.5 42.7

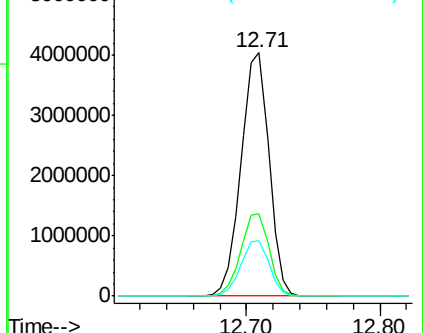
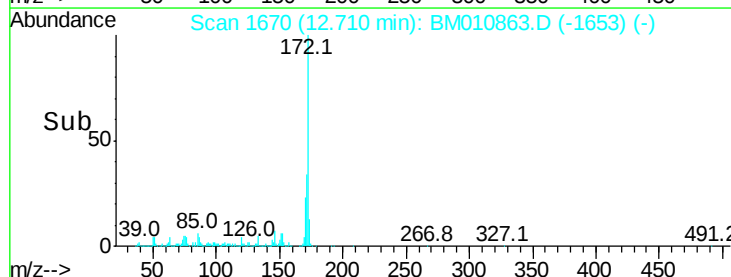
170 23.0 18.8 28.2

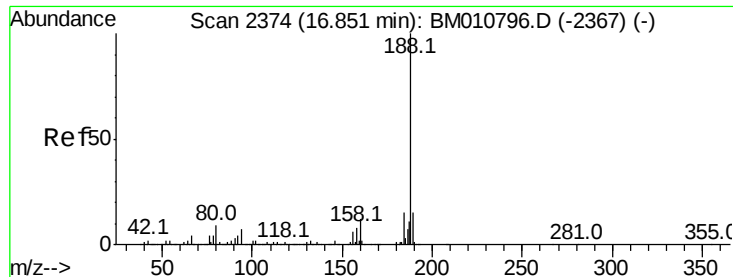


Abundance Ion 172.00 (171.70 to 172.70): E

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: 16.84 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BM010863.D

Acq: 18 Jul 2017 08:19

Instrument :

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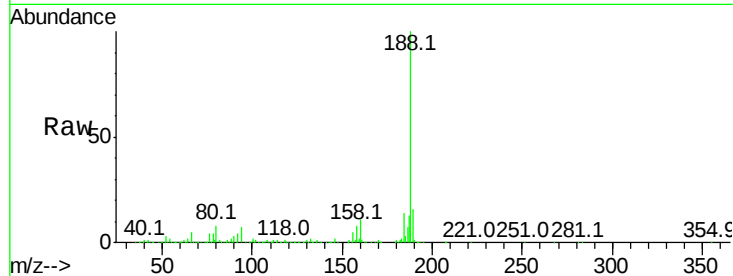
Tot Ion:188 Resp: 1645695

Ion Ratio Lower Upper

188 100

94 6.7 8.7 13.1#

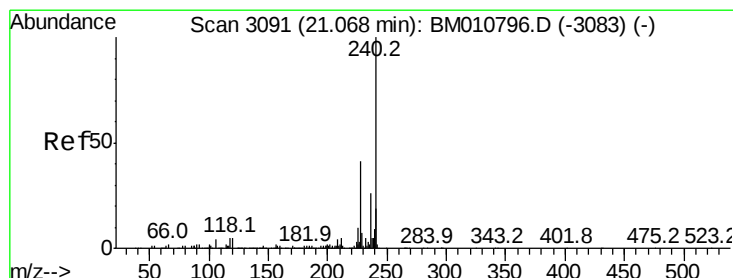
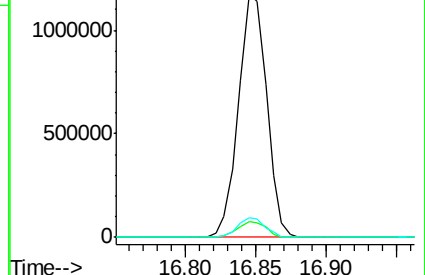
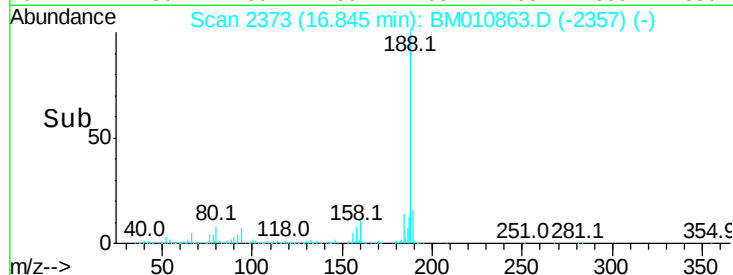
80 7.9 9.3 13.9#



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: BM010863.D

Acq: 18 Jul 2017 08:19

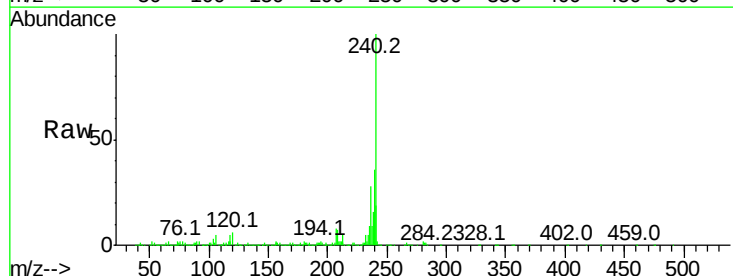
Tgt Ion:240 Resp: 1079597

Ion Ratio Lower Upper

240 100

120 6.0 8.2 12.2#

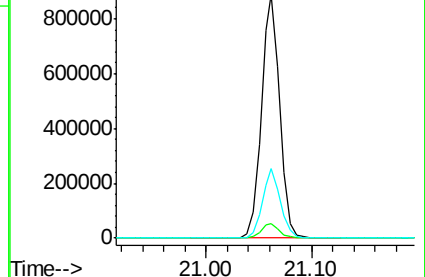
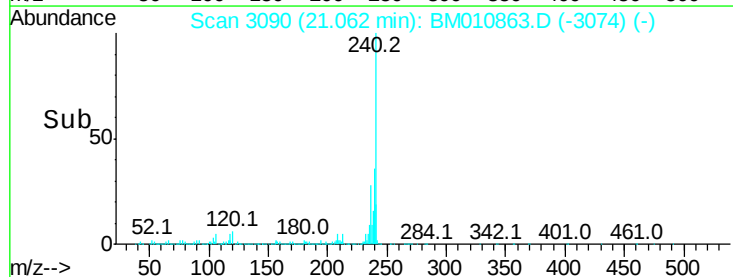
236 28.3 20.0 30.0

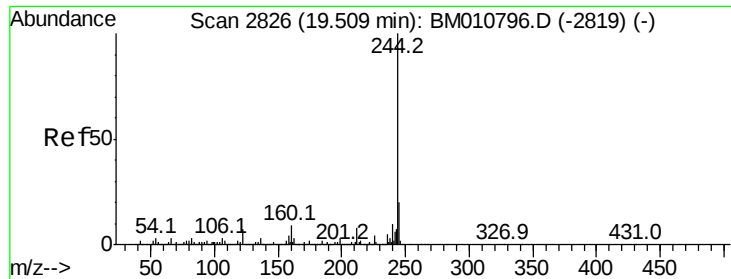


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 147.308 ng

RT: 19.51 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM010863.D

Acq: 18 Jul 2017 08:19

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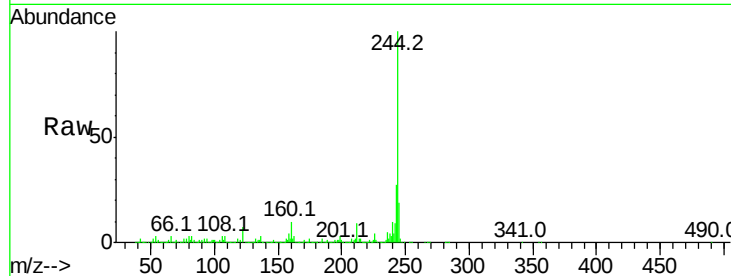
Tot Ion:244 Resp: 8222575

Ion Ratio Lower Upper

244 100

212 8.6 4.9 7.3#

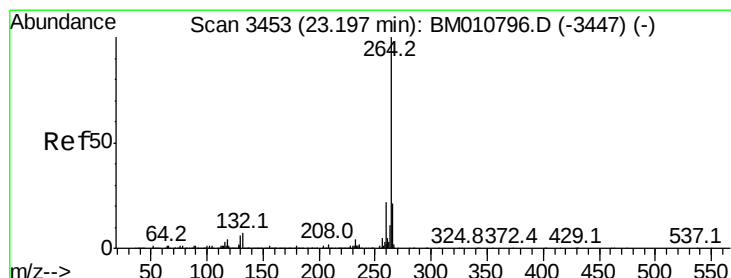
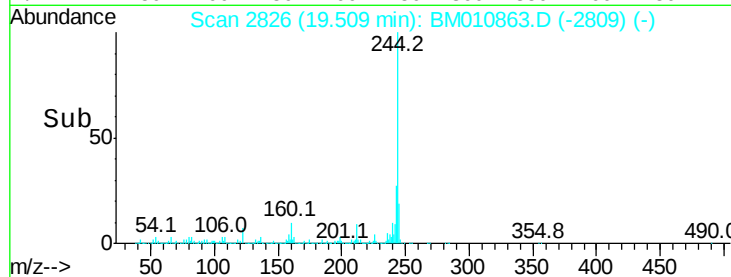
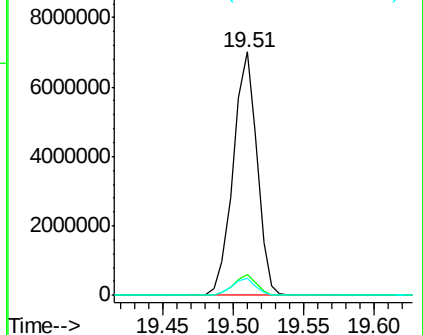
122 6.8 6.2 9.4



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

Perylene-d12

Concen: 20.000 ng

RT: 23.19 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BM010863.D

Acq: 18 Jul 2017 08:19

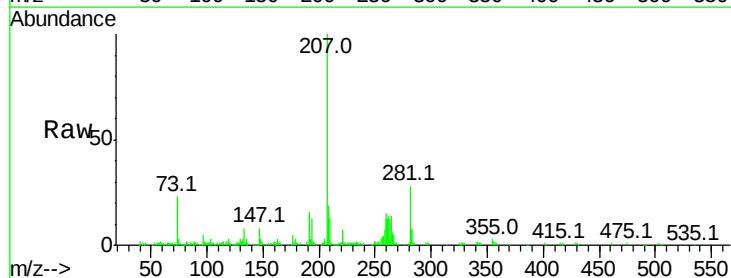
Tgt Ion:264 Resp: 34241

Ion Ratio Lower Upper

264 100

260 102.9 18.6 27.8#

265 42.8 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

