

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072117\
 Data File : BM010949.D
 Acq On : 21 Jul 2017 23:12
 Operator : SJ/JU
 Sample : I4312-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 72-11987

Quant Time: Jul 22 02:30:09 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	277272	20.00	ng	-0.03
21) Naphthalene-d8	10.18	136	1018881	20.00	ng	-0.03
38) Acenaphthene-d10	14.07	164	669008	20.00	ng	-0.02
63) Phenanthrene-d10	16.83	188	1686483	20.00	ng	-0.02
75) Chrysene-d12	21.05	240	1657135	20.00	ng	-0.02
86) Perylene-d12	23.17	264	1409504	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	1940572	115.93	ng	-0.01
7) Phenol-d6	6.62	99	2400209	104.02	ng	-0.02
23) Nitrobenzene-d5	8.57	82	2218799	83.70	ng	-0.02
41) 2,4,6-Tribromophenol	15.58	330	1475735	144.34	ng	-0.02
44) 2-Fluorobiphenyl	12.69	172	4433648	82.44	ng	-0.02
78) Terphenyl-d14	19.50	244	7074270	82.57	ng	-0.01

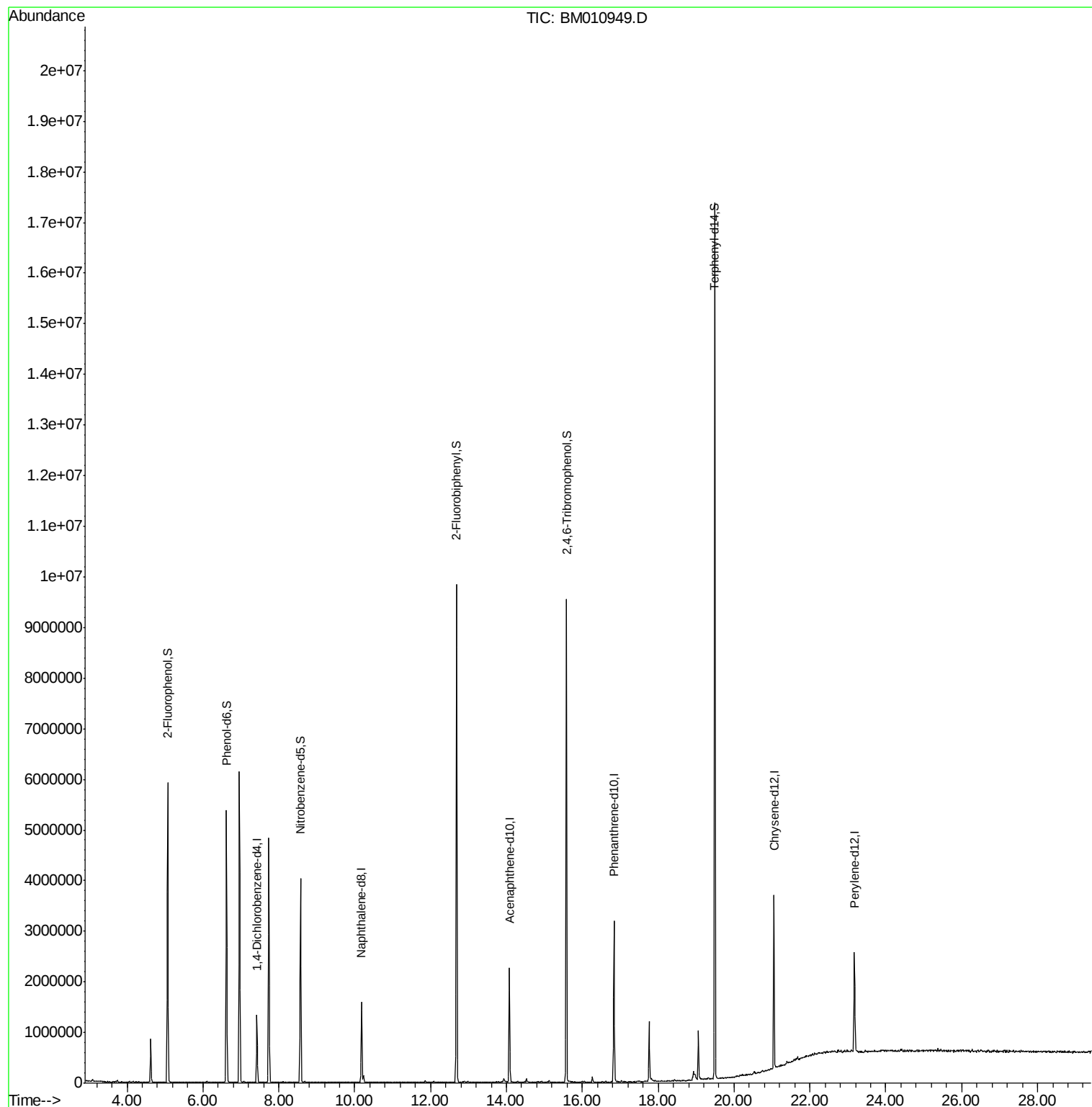
Target Compounds Qvalue

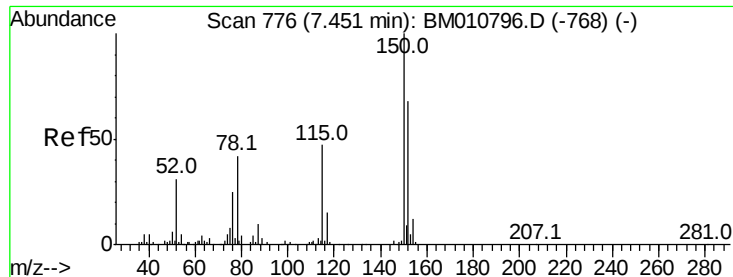
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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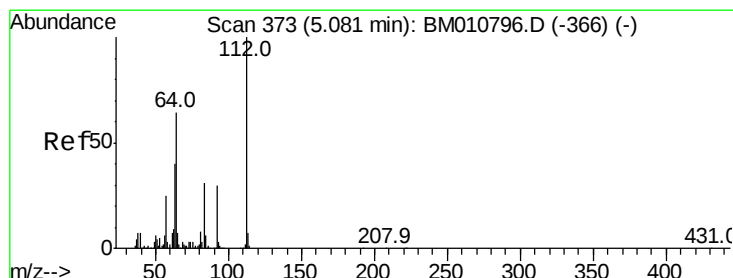
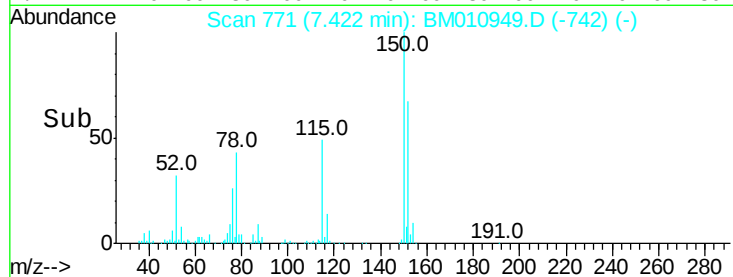
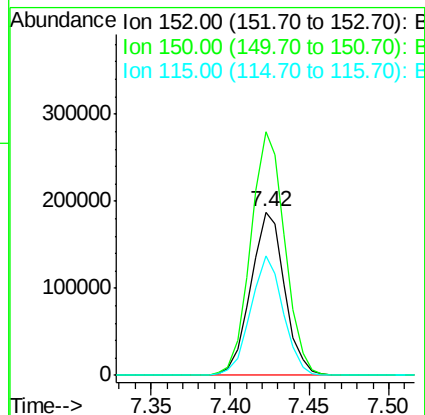
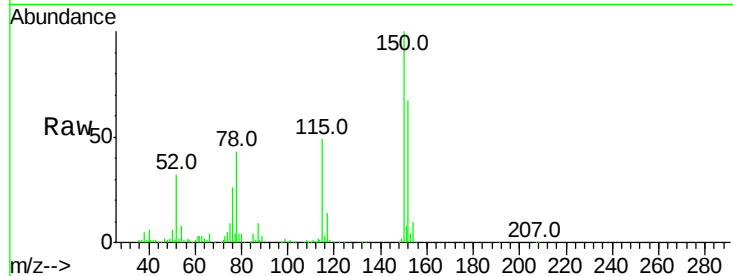


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.03 min
Lab File: BM010949.D
Acq: 21 Jul 2017 23:12

Instrument :
BNA_M
ClientSampleId :
72-11987

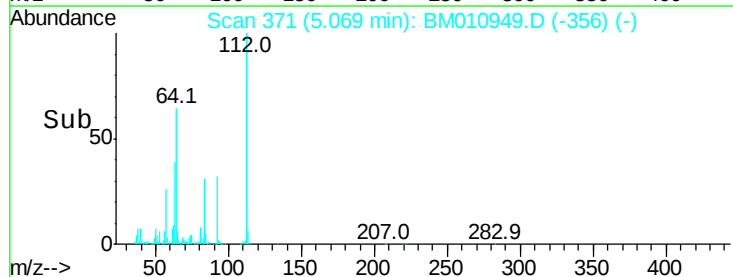
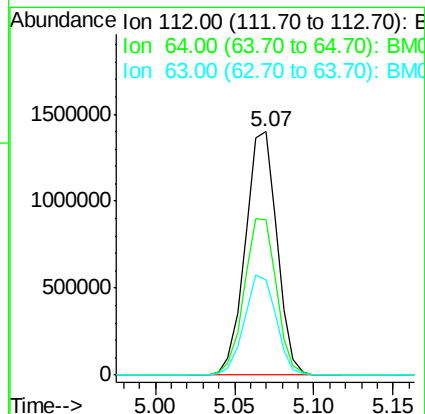
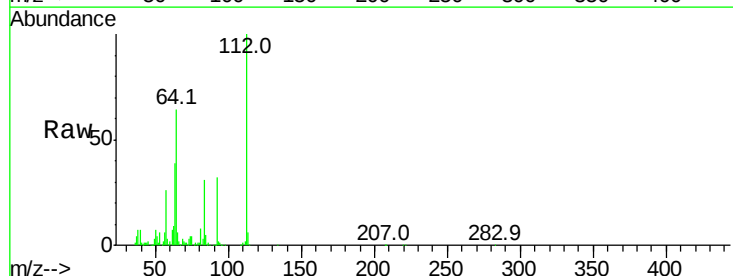
Tot Ion:152 Resp: 277272
Ion Ratio Lower Upper
152 100
150 149.4 119.5 179.3
115 73.5 43.0 64.4#

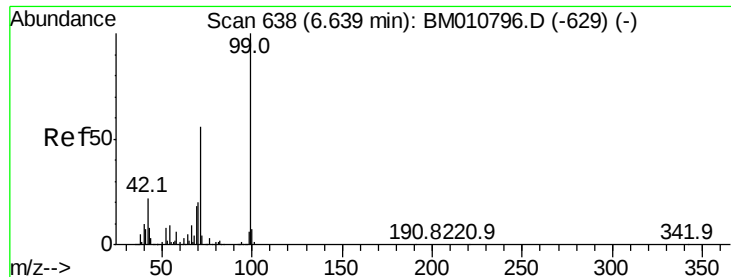


#5

2-Fluorophenol
Concen: 115.935 ng
RT: 5.07 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM010949.D
Acq: 21 Jul 2017 23:12

Tgt Ion:112 Resp: 1940572
Ion Ratio Lower Upper
112 100
64 63.9 38.6 57.8#
63 39.1 19.3 28.9#





#7

Phenol-d6

Concen: 104.015 ng

RT: 6.62 min Scan# 635

Delta R.T. -0.02 min

Lab File: BM010949.D

Acq: 21 Jul 2017 23:12

Instrument :

BNA_M

ClientSampleId :

72-11987

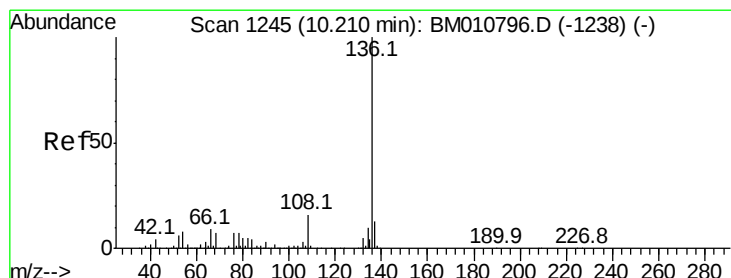
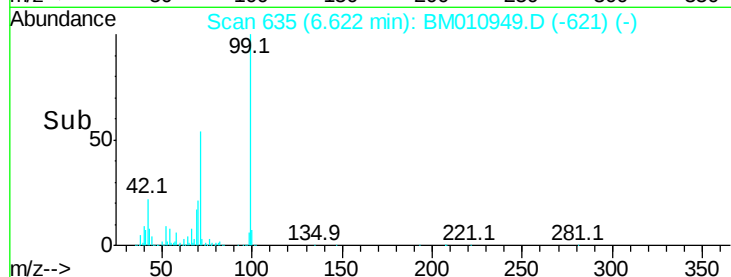
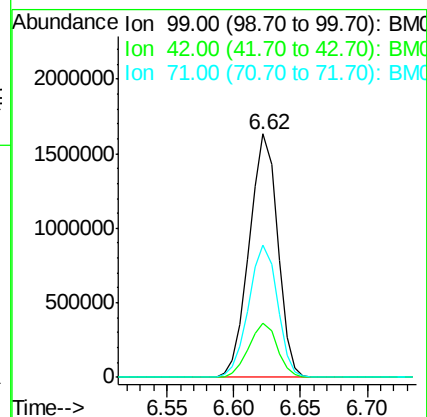
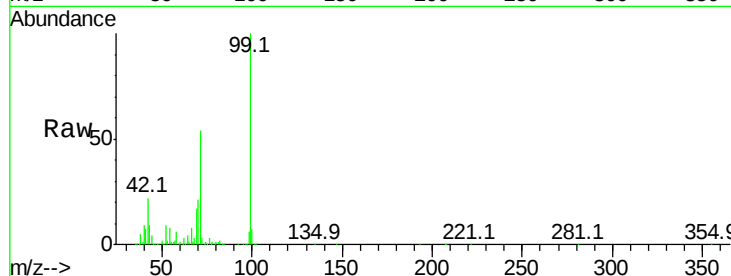
Tot Ion: 99 Resp: 2400209

Ion Ratio Lower Upper

99 100

42 22.4 11.0 16.4#

71 54.1 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.18 min Scan# 1240

Delta R.T. -0.03 min

Lab File: BM010949.D

Acq: 21 Jul 2017 23:12

Tgt Ion: 136 Resp: 1018881

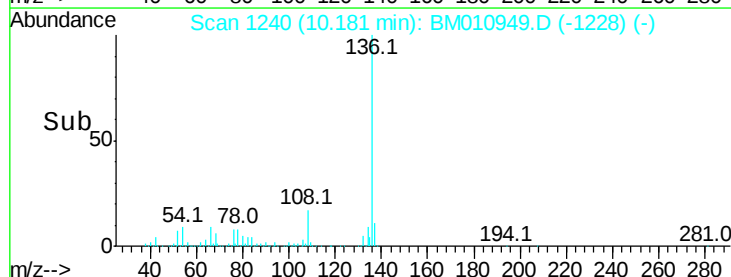
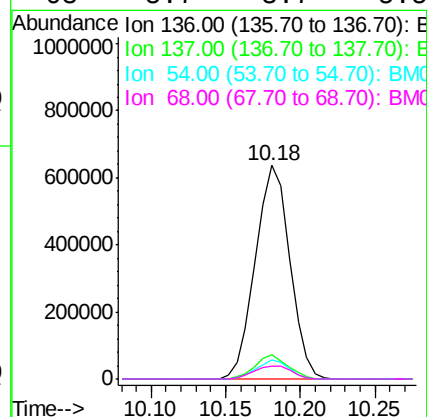
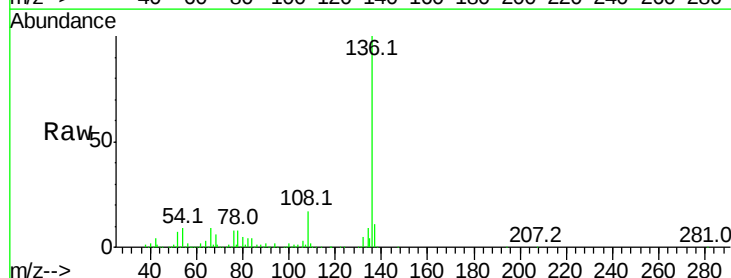
Ion Ratio Lower Upper

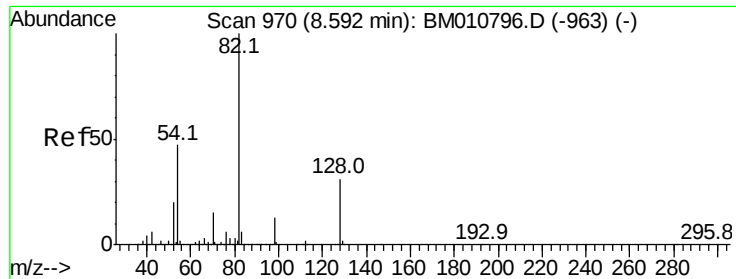
136 100

137 11.3 8.7 13.1

54 8.9 4.6 6.8#

68 5.7 3.7 5.5#

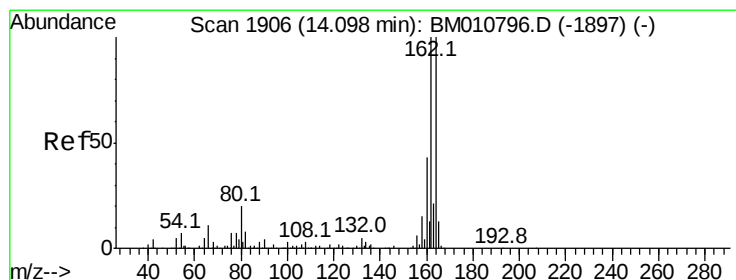
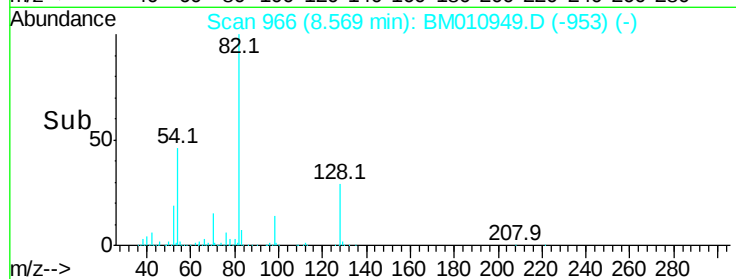
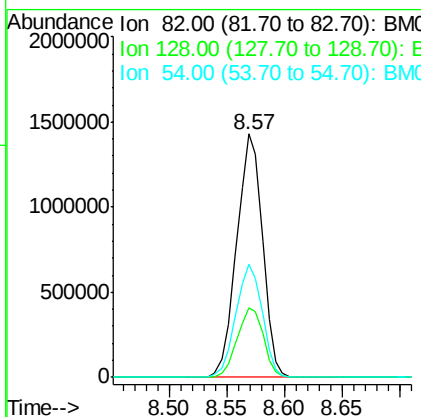
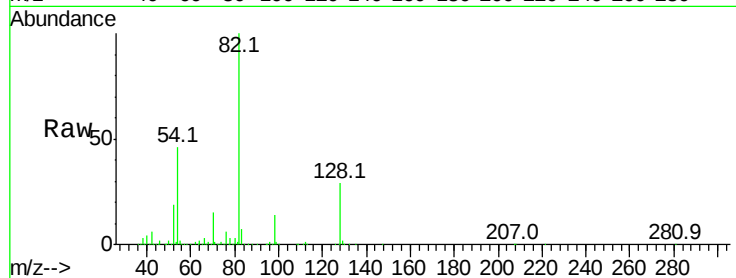




#23
 Nitrobenzene-d5
 Concen: 83.705 ng
 RT: 8.57 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BM010949.D
 Acq: 21 Jul 2017 23:12

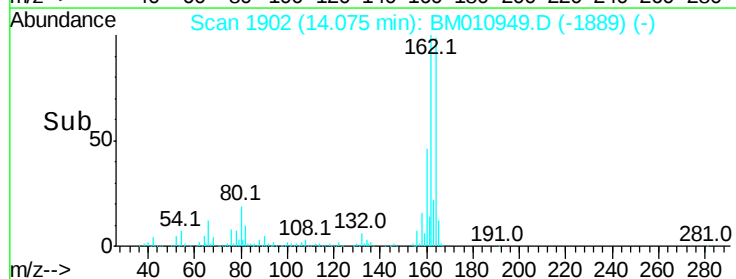
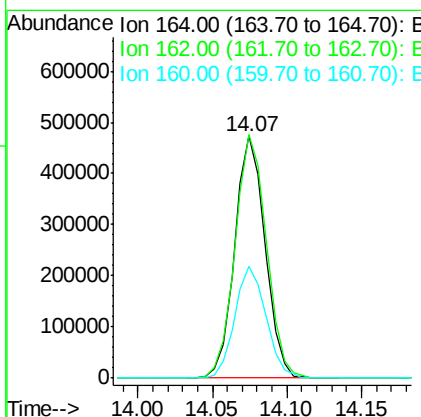
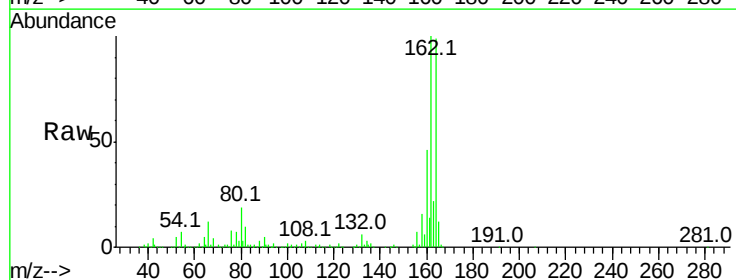
Instrument :
 BNA_M
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 72-11987

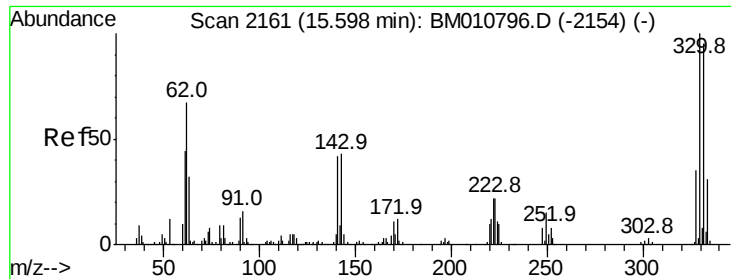
Tot Ion: 82 Resp: 2218799
 Ion Ratio Lower Upper
 82 100
 128 28.7 32.8 49.2#
 54 46.2 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.07 min Scan# 1902
 Delta R.T. -0.02 min
 Lab File: BM010949.D
 Acq: 21 Jul 2017 23:12

Tgt Ion: 164 Resp: 669008
 Ion Ratio Lower Upper
 164 100
 162 100.6 82.4 123.6
 160 46.3 35.8 53.6

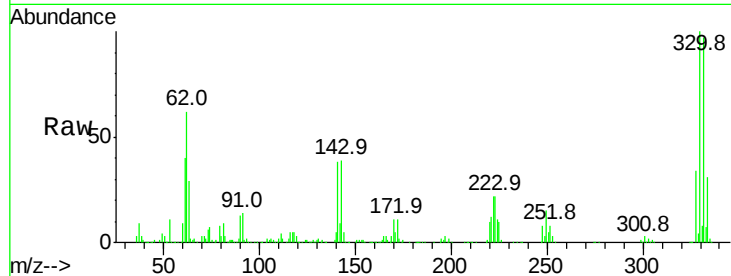




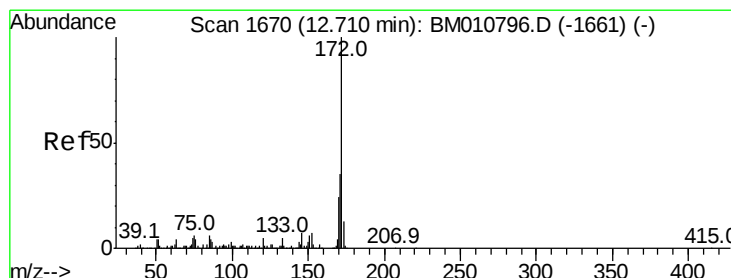
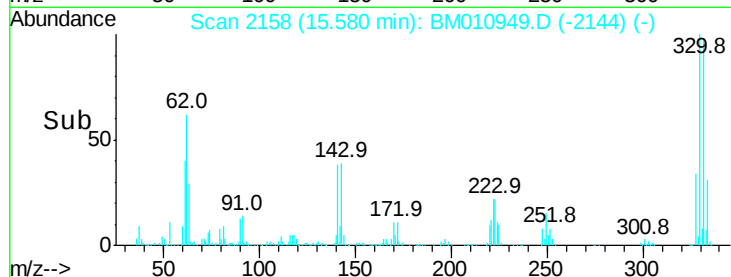
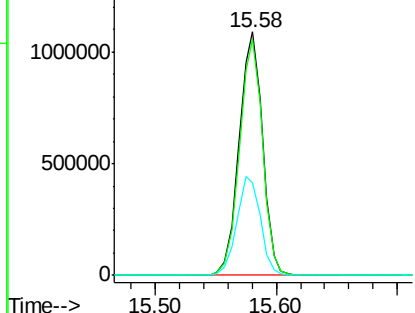
#41
 2,4,6-Tribromophenol
 Concen: 144.344 ng
 RT: 15.58 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BM010949.D
 Acq: 21 Jul 2017 23:12

Instrument :
 BNA_M
 ClientSampleId :
 72-11987

Tot Ion:330 Resp: 1475735
 Ion Ratio Lower Upper
 330 100
 332 95.2 0.0 0.0#
 141 40.9 0.0 0.0#

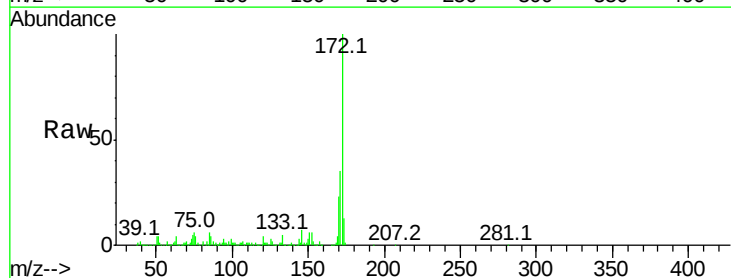


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

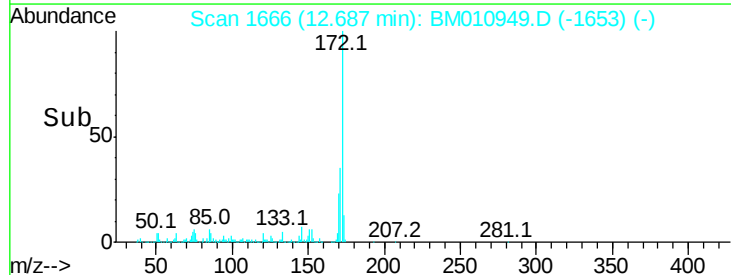
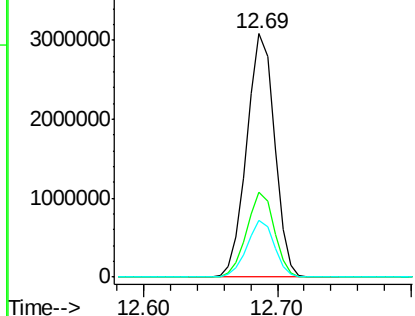


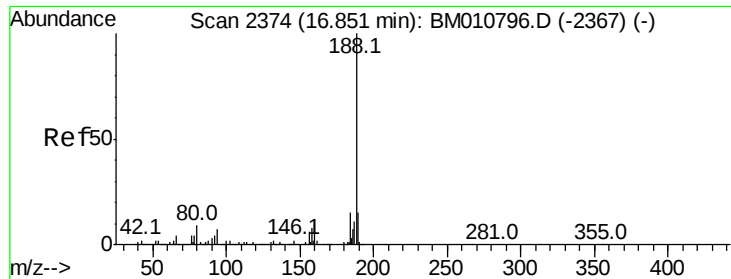
#44
 2-Fluorobiphenyl
 Concen: 82.444 ng
 RT: 12.69 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BM010949.D
 Acq: 21 Jul 2017 23:12

Tgt Ion:172 Resp: 4433648
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 23.1 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

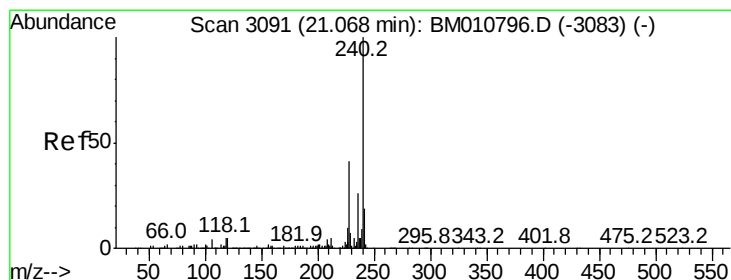
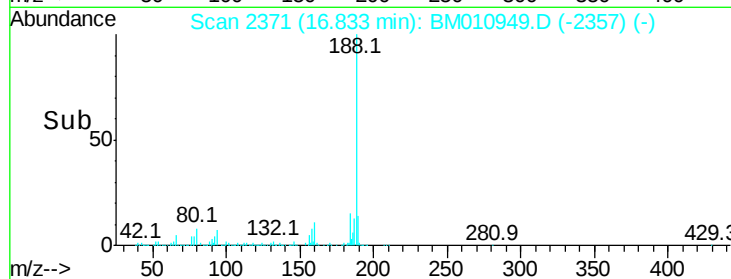
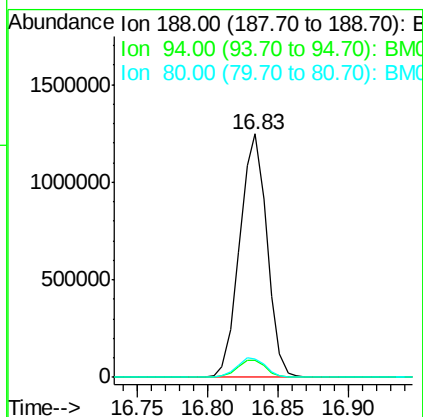
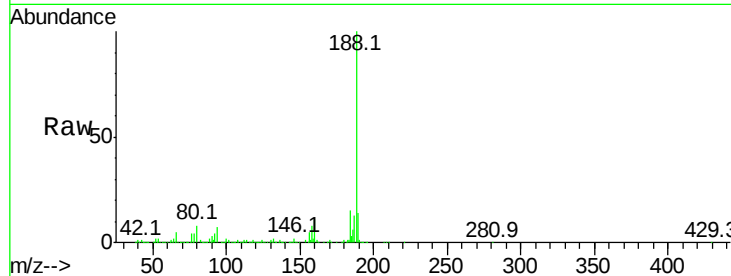




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2371
Delta R.T. -0.02 min
Lab File: BM010949.D
Acq: 21 Jul 2017 23:12

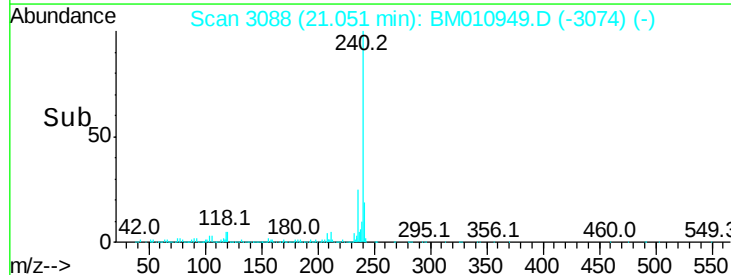
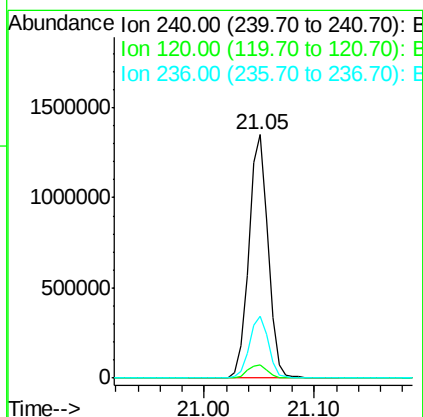
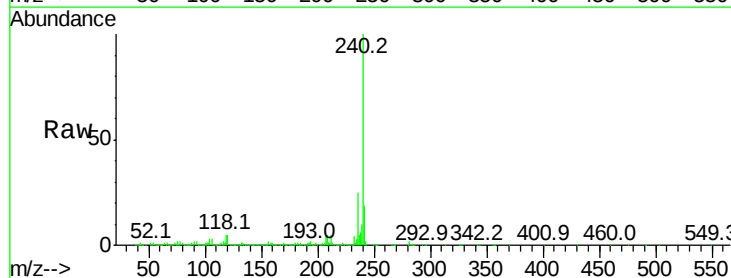
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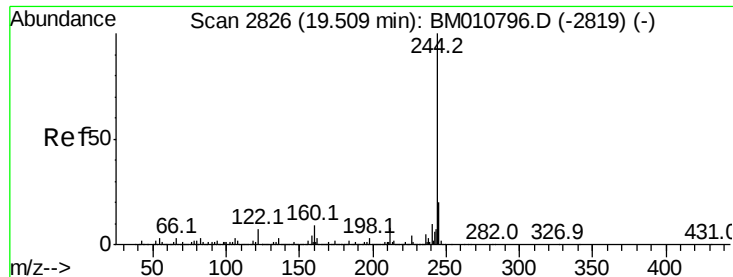
Tot Ion:188 Resp: 1686483
Ion Ratio Lower Upper
188 100
94 7.0 8.7 13.1#
80 7.6 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.05 min Scan# 3088
Delta R.T. -0.02 min
Lab File: BM010949.D
Acq: 21 Jul 2017 23:12

Tgt Ion:240 Resp: 1657135
Ion Ratio Lower Upper
240 100
120 5.3 8.2 12.2#
236 25.3 20.0 30.0

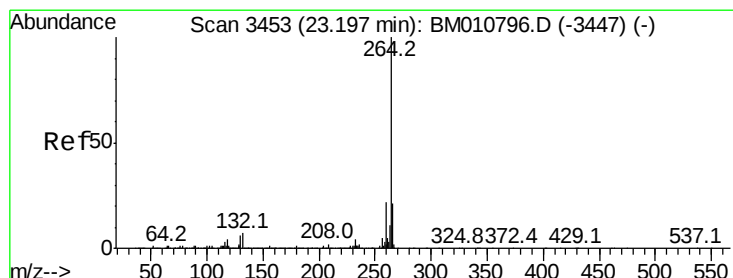
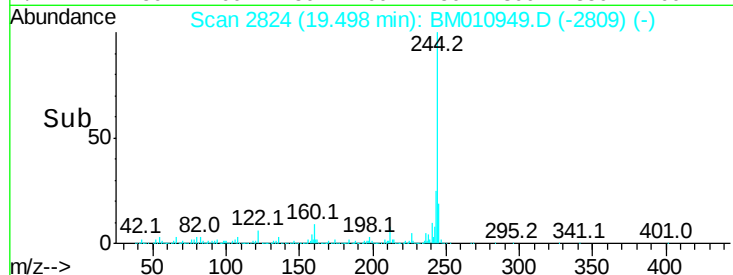
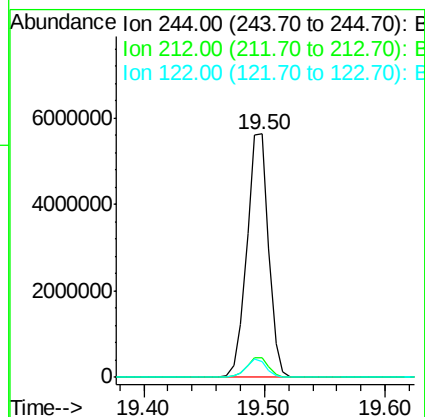
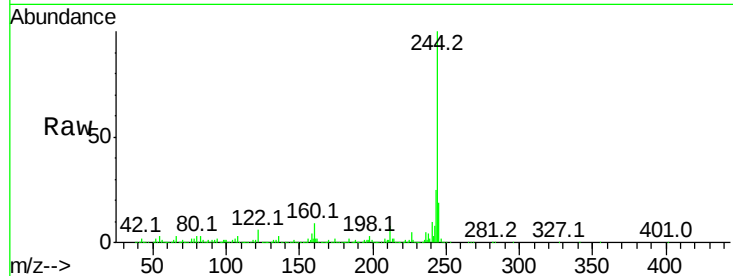




#78
 Terphenyl-d14
 Concen: 82.566 ng
 RT: 19.50 min Scan# 2824
 Delta R.T. -0.01 min
 Lab File: BM010949.D
 Acq: 21 Jul 2017 23:12

Instrument :
 BNA_M
 ClientSampleId :
 72-11987

Tot Ion:244 Resp: 7074270
 Ion Ratio Lower Upper
 244 100
 212 8.1 4.9 7.3#
 122 6.3 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.17 min Scan# 3449
 Delta R.T. -0.02 min
 Lab File: BM010949.D
 Acq: 21 Jul 2017 23:12

Tgt Ion:264 Resp: 1409504
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 27.8
 265 20.3 17.3 25.9

