

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090517\
 Data File : BM011439.D
 Acq On : 05 Sep 2017 19:24
 Operator : SJ/JU
 Sample : I5075-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 72-12020

Quant Time: Sep 06 07:50:15 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 18:39:59 2017
 Response via : Initial Calibration

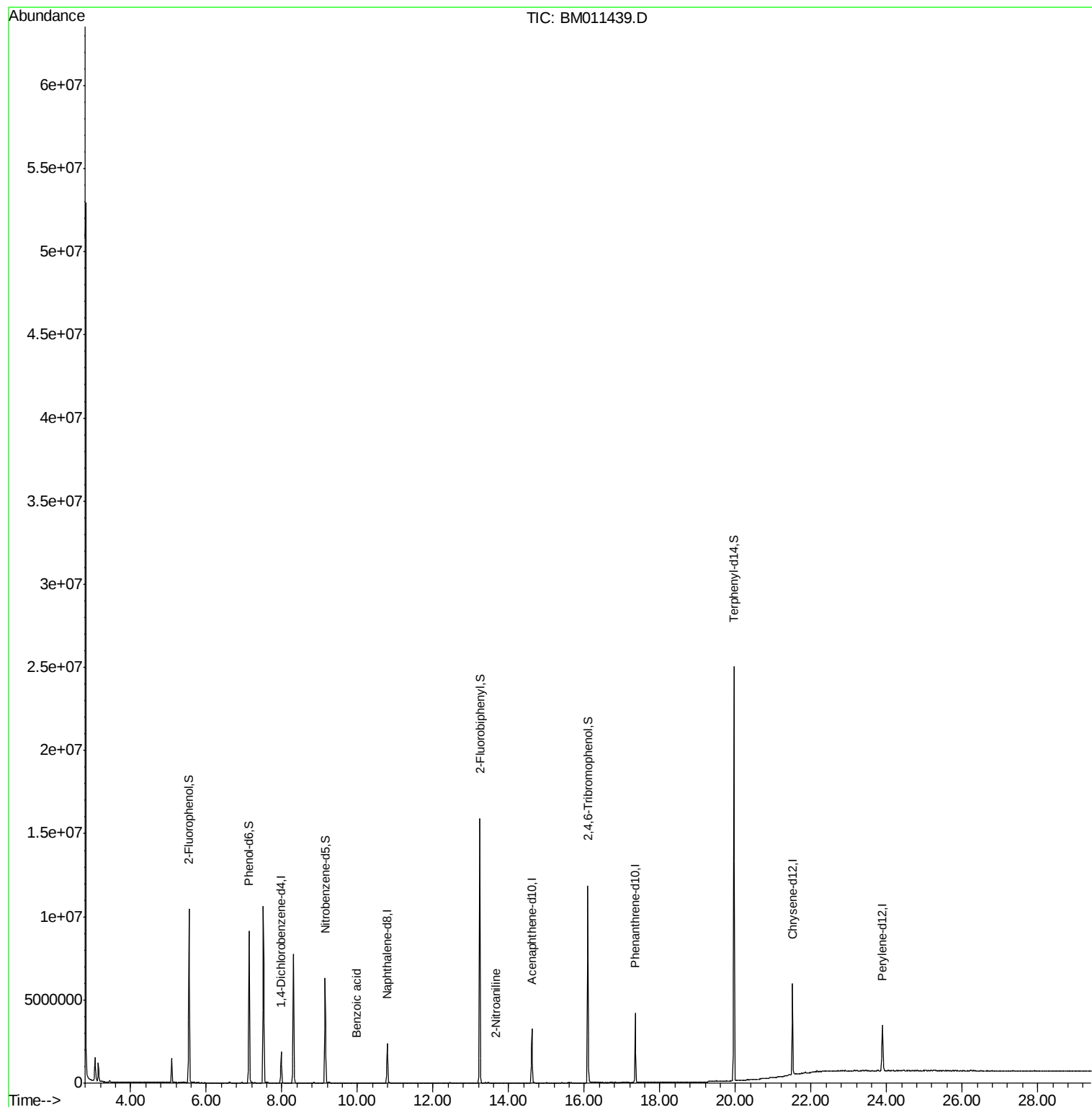
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	491577	20.00	ng	-0.01
21) Naphthalene-d8	10.79	136	1992071	20.00	ng	-0.01
38) Acenaphthene-d10	14.61	164	1068344	20.00	ng	-0.02
63) Phenanthrene-d10	17.35	188	2374902	20.00	ng	-0.01
75) Chrysene-d12	21.52	240	2548720	20.00	ng	-0.02
86) Perylene-d12	23.89	264	2038056	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	4176857	143.03	ng	0.00
7) Phenol-d6	7.13	99	4892998	120.83	ng	0.00
23) Nitrobenzene-d5	9.15	82	3303961	109.30	ng	-0.01
41) 2,4,6-Tribromophenol	16.10	330	1913735	154.83	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	7829961	105.65	ng	-0.01
78) Terphenyl-d14	19.96	244	10264252	99.92	ng	-0.01
Target Compounds						
32) Benzoic acid	9.99	122	3404	6.677	ng	91
47) 2-Nitroaniline	13.67	65	110	5.442	ng	# 1

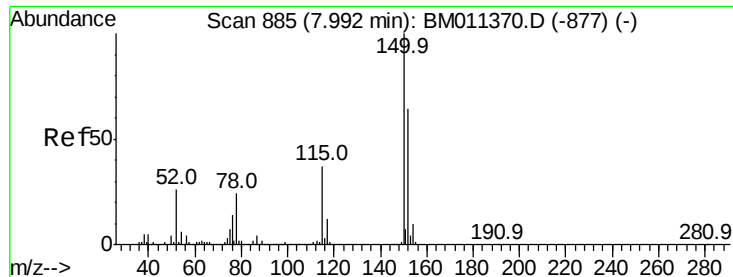
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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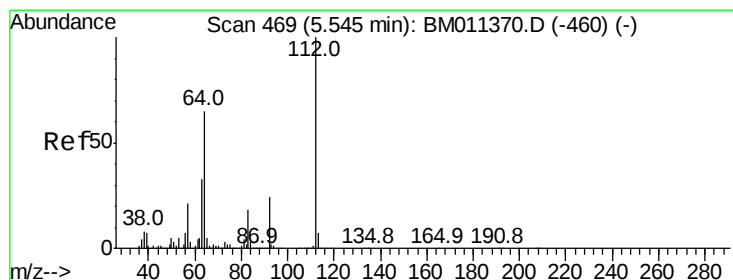
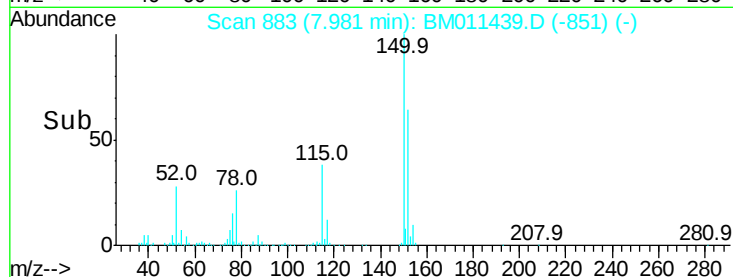
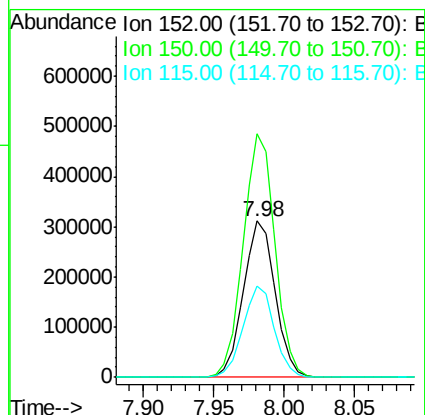
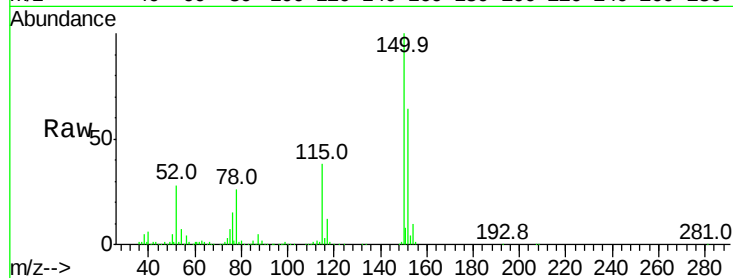


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BM011439.D
Acq: 05 Sep 2017 19:24

Instrument :
BNA_M
ClientSampled :
72-12020

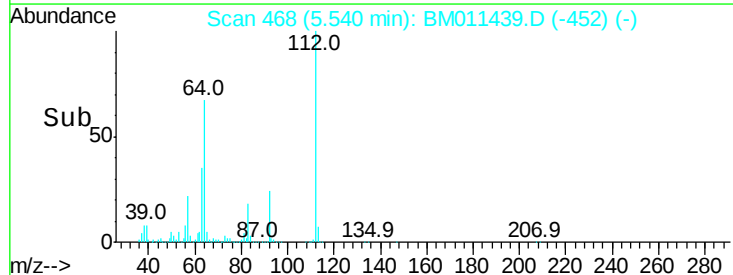
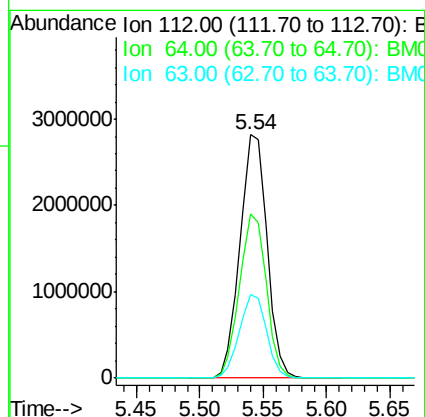
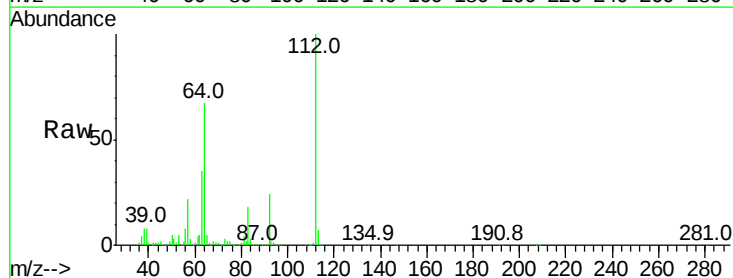
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	119.5	179.3
115	58.4	43.0	64.4

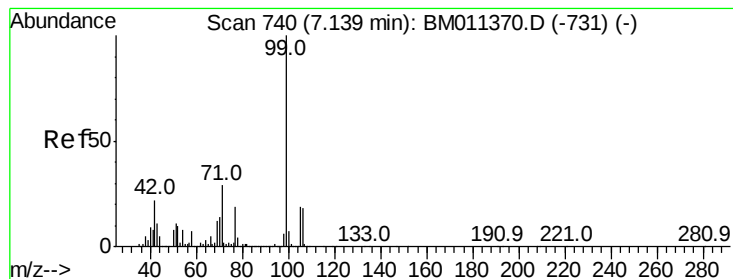


#5

2-Fluorophenol
Concen: 143.025 ng
RT: 5.54 min Scan# 468
Delta R.T. -0.01 min
Lab File: BM011439.D
Acq: 05 Sep 2017 19:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	38.6	57.8#
63	34.5	19.3	28.9#





#7

Phenol-d6

Concen: 120.832 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011439.D

Acq: 05 Sep 2017 19:24

Instrument :

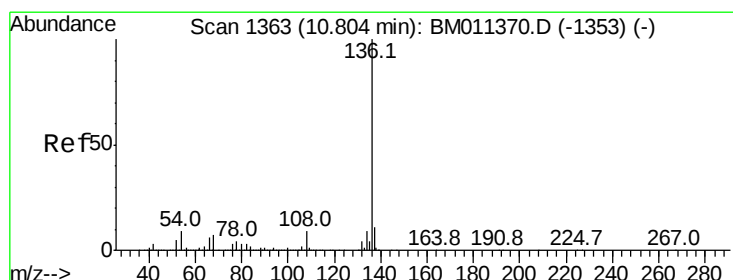
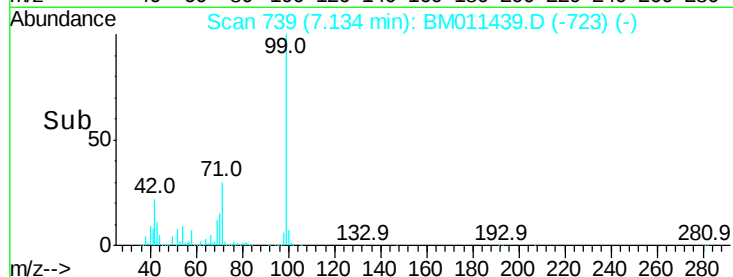
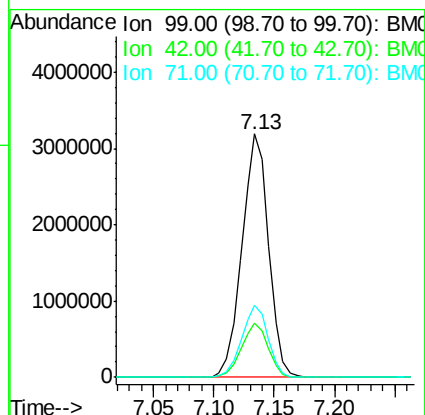
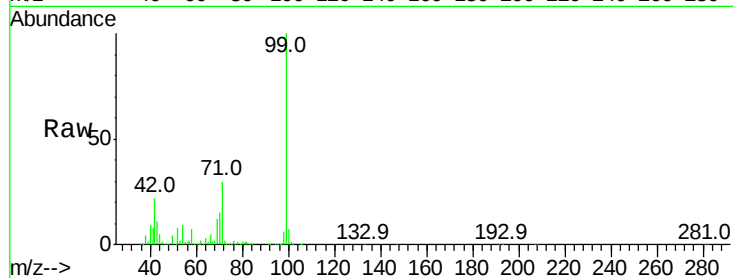
BNA_M

ClientSampleId :

72-12020

Tot Ion: 99 Resp: 4892998

Ion	Ratio	Lower	Upper
99	100		
42	22.4	11.0	16.4#
71	29.7	23.4	35.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1361

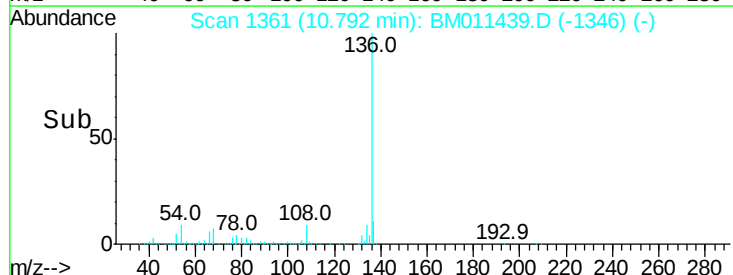
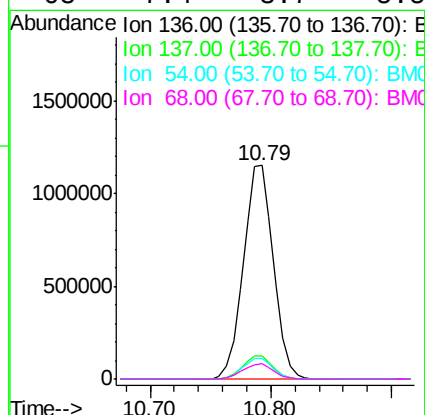
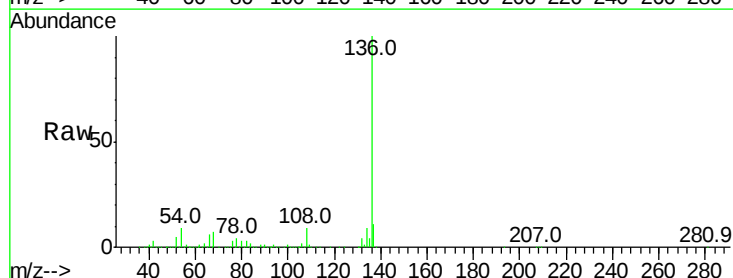
Delta R.T. -0.01 min

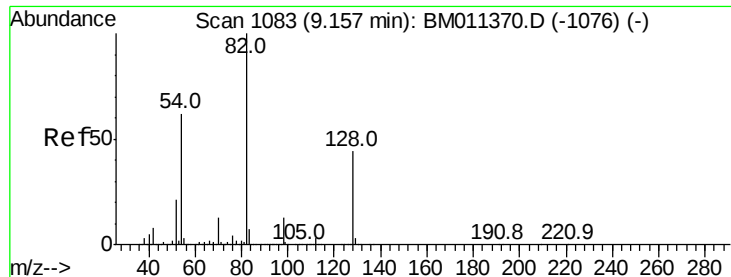
Lab File: BM011439.D

Acq: 05 Sep 2017 19:24

Tgt Ion: 136 Resp: 1992071

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	9.4	4.6	6.8#
68	7.4	3.7	5.5#

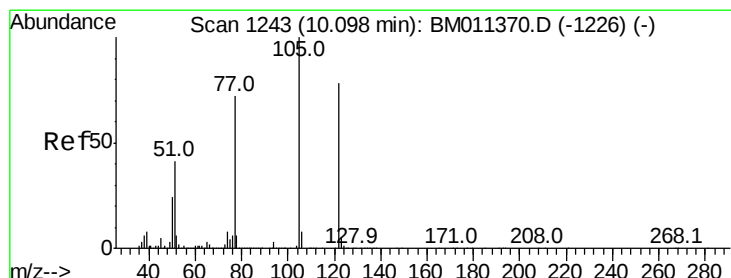
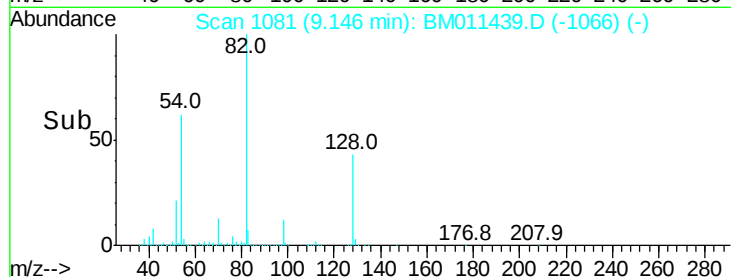
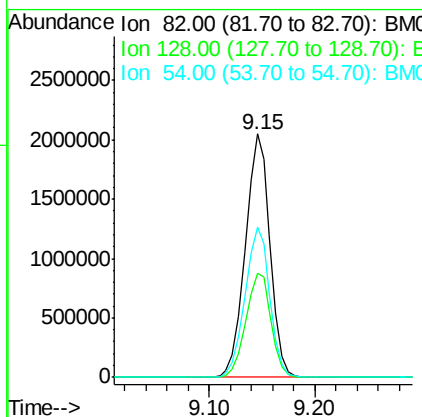
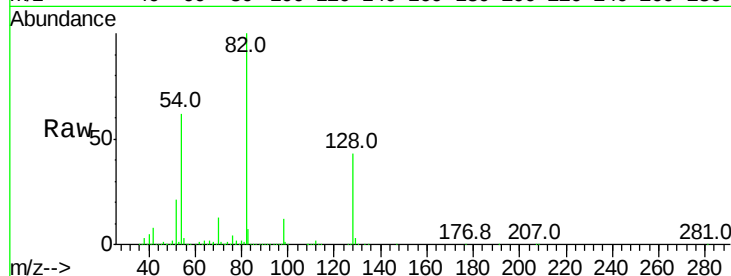




#23
 Nitrobenzene-d5
 Concen: 109.296 ng
 RT: 9.15 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BM011439.D
 Acq: 05 Sep 2017 19:24

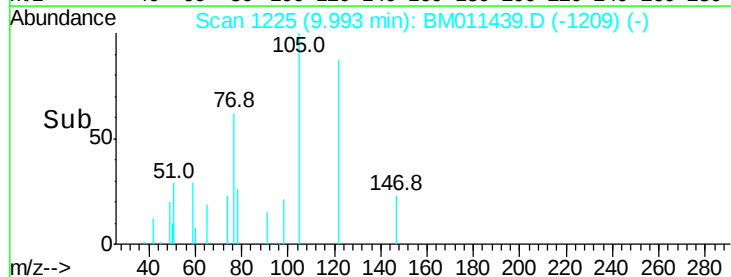
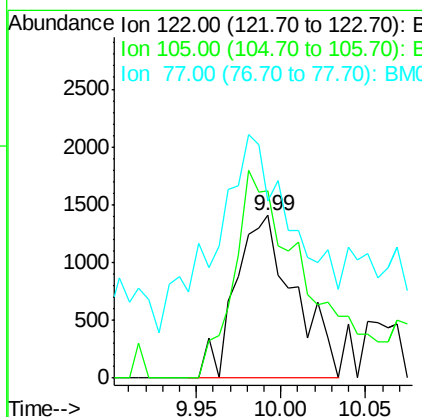
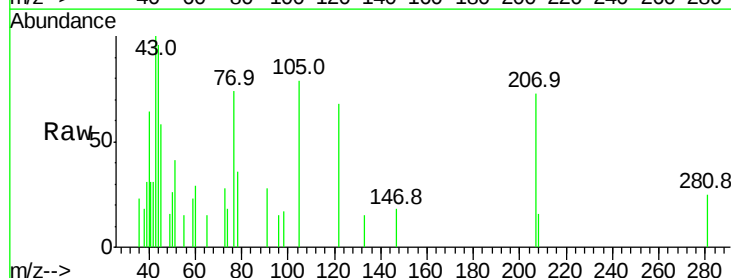
Instrument :
 BNA_M
 ClientSampleId :
 72-12020

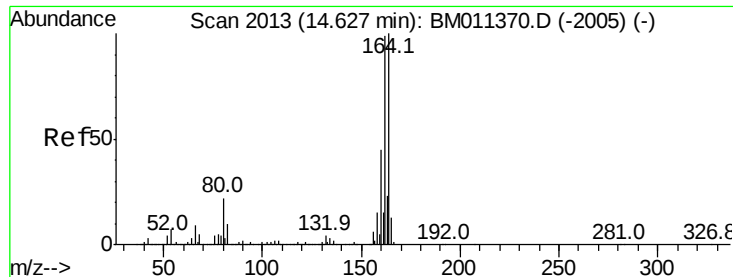
Tot Ion: 82 Resp: 3303961
 Ion Ratio Lower Upper
 82 100
 128 42.8 32.8 49.2
 54 61.6 40.6 60.8#



#32
 Benzoic acid
 Concen: 6.677 ng
 RT: 9.99 min Scan# 1225
 Delta R.T. -0.11 min
 Lab File: BM011439.D
 Acq: 05 Sep 2017 19:24

Tgt Ion: 122 Resp: 3404
 Ion Ratio Lower Upper
 122 100
 105 115.6 99.9 139.9
 77 109.2 73.7 113.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 2010

Delta R.T. -0.02 min

Lab File: BM011439.D

Acq: 05 Sep 2017 19:24

Instrument :

BNA_M

ClientSampleId :

72-12020

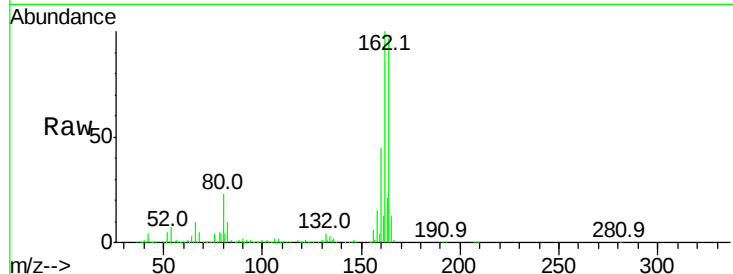
Tot Ion:164 Resp: 1068344

Ion Ratio Lower Upper

164 100

162 102.7 82.4 123.6

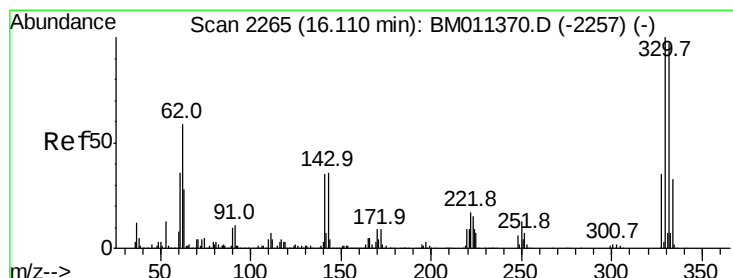
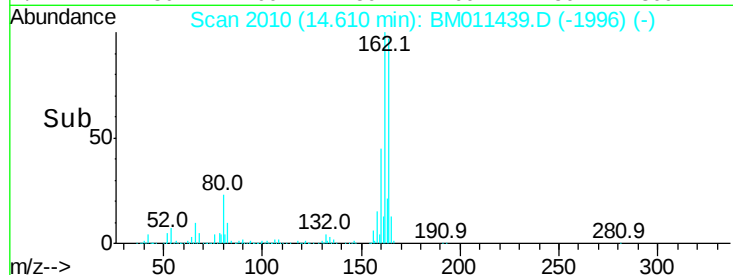
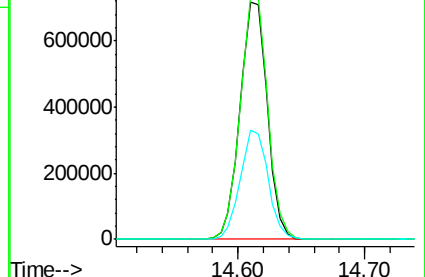
160 46.1 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 154.829 ng

RT: 16.10 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BM011439.D

Acq: 05 Sep 2017 19:24

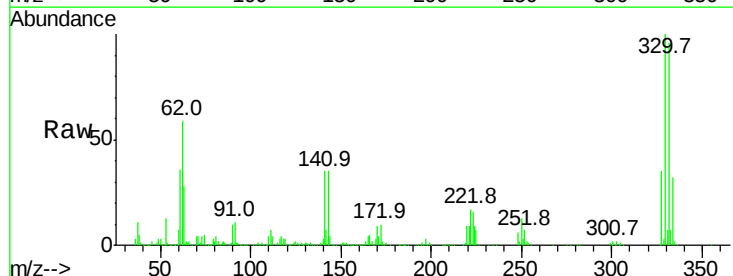
Tgt Ion:330 Resp: 1913735

Ion Ratio Lower Upper

330 100

332 96.4 0.0 0.0#

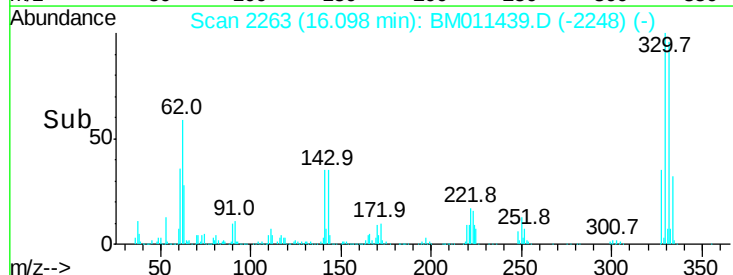
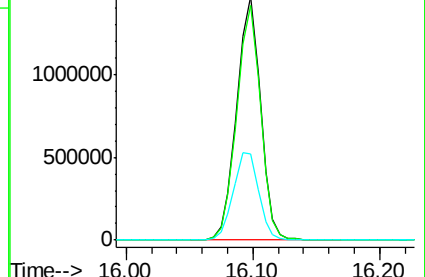
141 38.5 0.0 0.0#

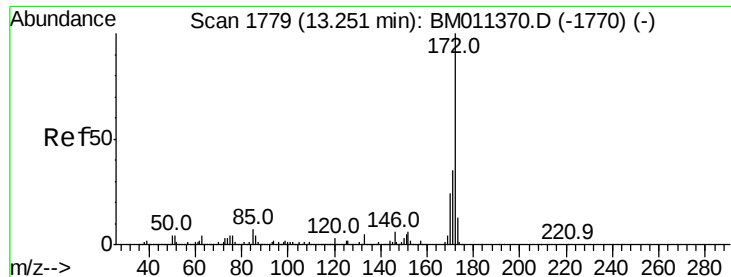


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

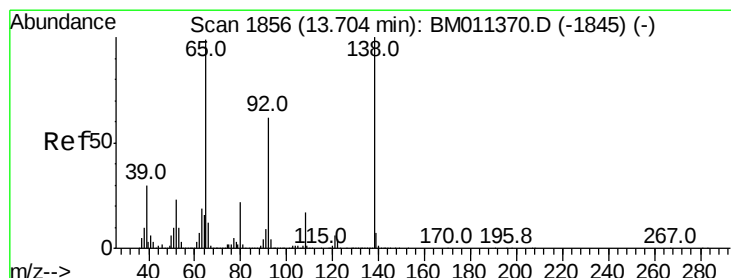
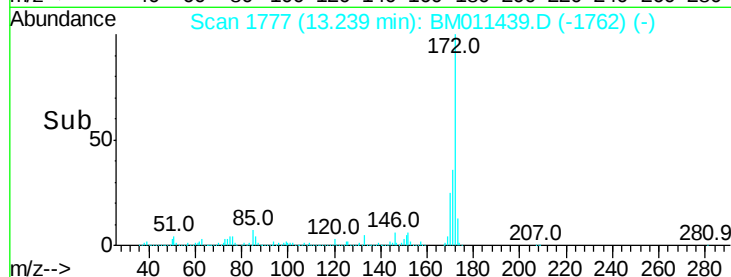
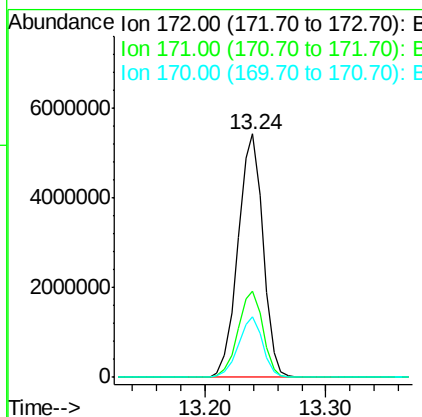
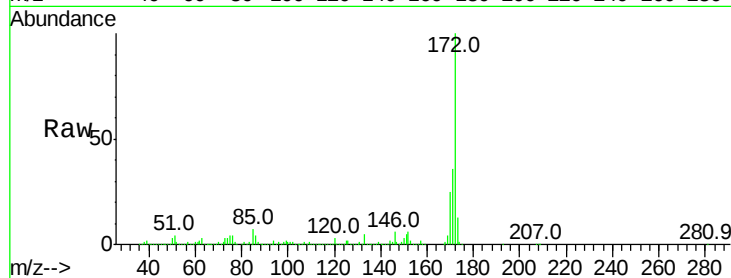




#44
2-Fluorobiphenyl
Concen: 105.647 ng
RT: 13.24 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BM011439.D
Acq: 05 Sep 2017 19:24

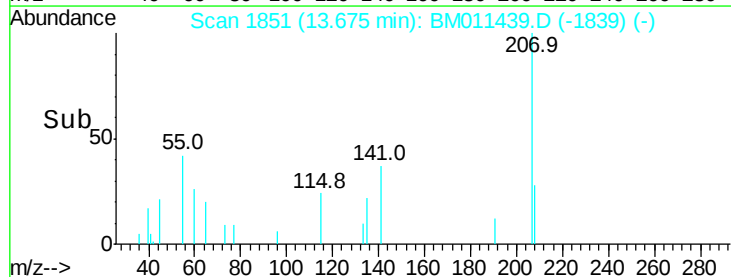
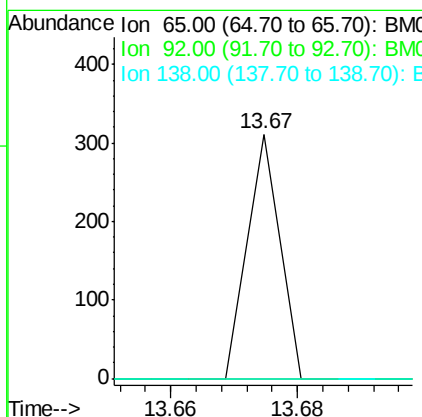
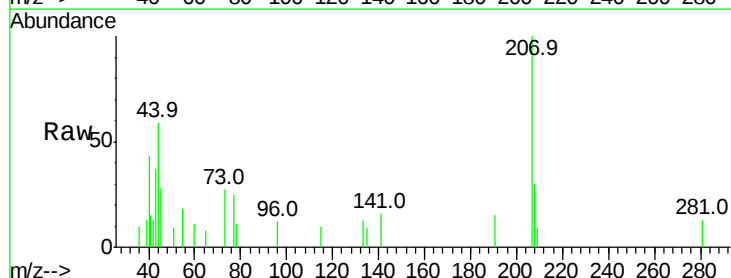
Instrument :
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72-12020

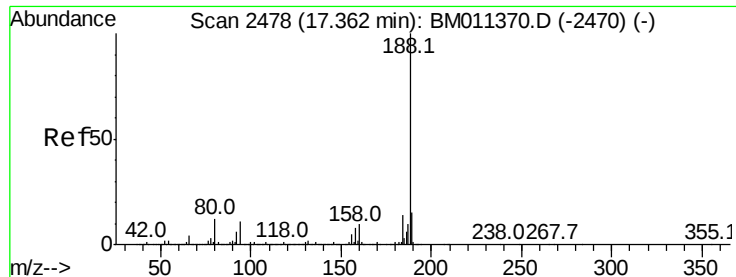
Tot Ion:172 Resp: 7829961
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 24.7 18.8 28.2



#47
2-Nitroaniline
Concen: 5.442 ng
RT: 13.67 min Scan# 1851
Delta R.T. -0.03 min
Lab File: BM011439.D
Acq: 05 Sep 2017 19:24

Tgt Ion: 65 Resp: 110
Ion Ratio Lower Upper
65 100
92 0.0 59.1 88.7#
138 0.0 93.9 140.9#

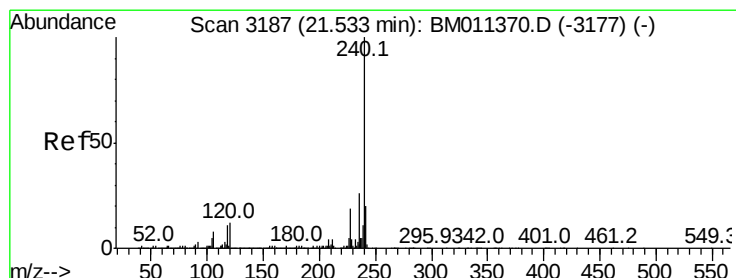
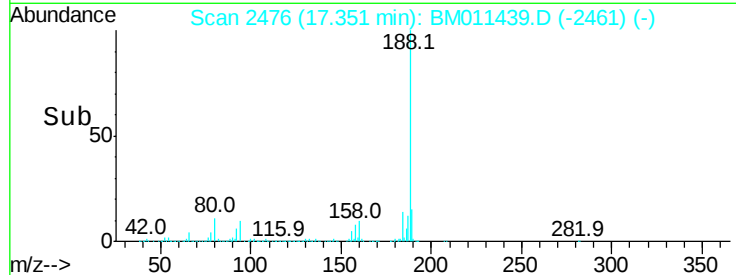
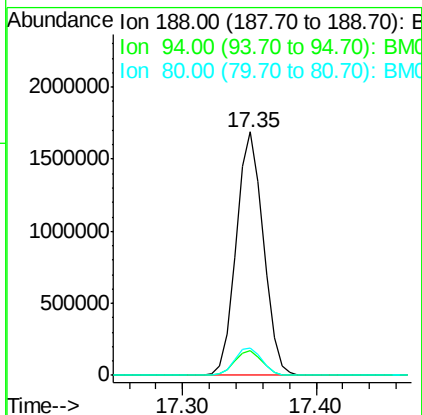
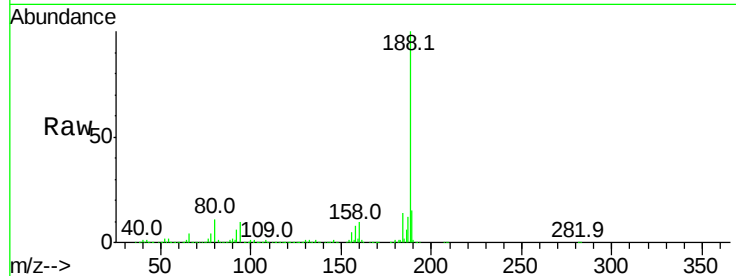




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2476
Delta R.T. -0.01 min
Lab File: BM011439.D
Acq: 05 Sep 2017 19:24

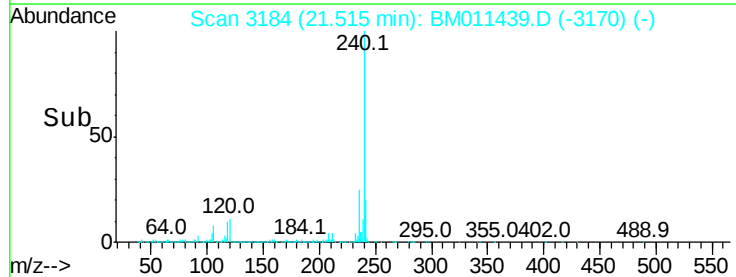
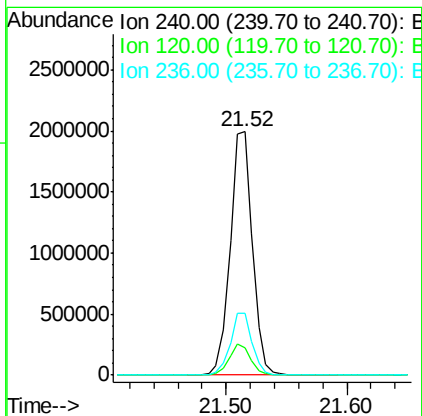
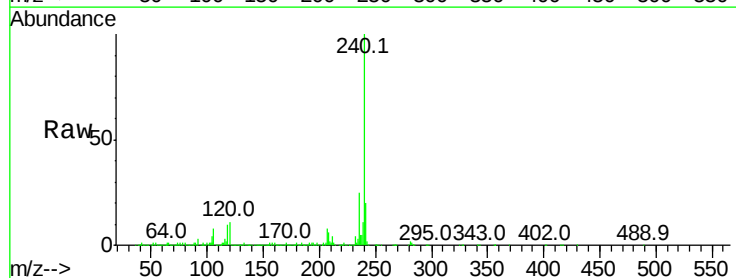
Instrument :
BNA_M
ClientSampleId :
72-12020

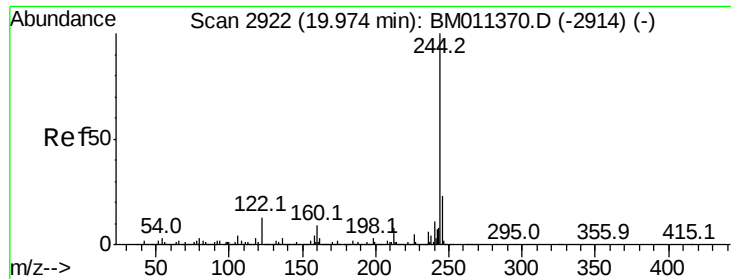
Tot Ion:188 Resp: 2374902
Ion Ratio Lower Upper
188 100
94 10.4 8.7 13.1
80 11.4 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3184
Delta R.T. -0.02 min
Lab File: BM011439.D
Acq: 05 Sep 2017 19:24

Tgt Ion:240 Resp: 2548720
Ion Ratio Lower Upper
240 100
120 11.0 8.2 12.2
236 25.3 20.0 30.0





#78

Terphenyl-d14

Concen: 99.924 ng

RT: 19.96 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BM011439.D

Acq: 05 Sep 2017 19:24

Instrument :

BNA_M

ClientSampleId :

72-12020

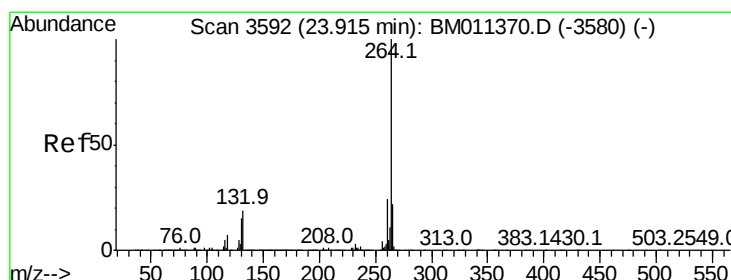
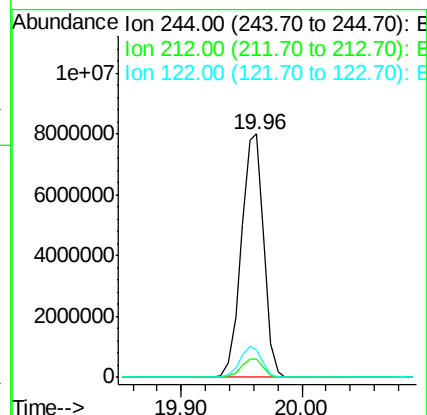
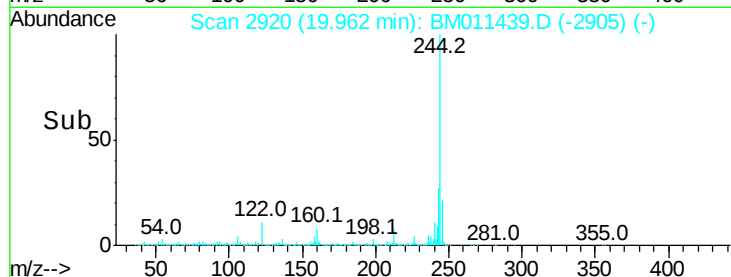
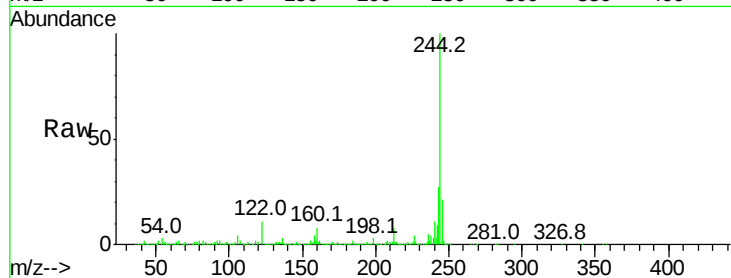
Tot Ion:244 Resp:10264252

Ion Ratio Lower Upper

244 100

212 7.6 4.9 7.3#

122 11.5 6.2 9.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.89 min Scan# 3588

Delta R.T. -0.02 min

Lab File: BM011439.D

Acq: 05 Sep 2017 19:24

Tgt Ion:264 Resp: 2038056

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 22.3 17.3 25.9

