

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072117\
 Data File : BM010954.D
 Acq On : 22 Jul 2017 02:11
 Operator : SJ/JU
 Sample : I4316-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-02-071917

Quant Time: Jul 22 04:02:31 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	241523	20.00	ng	-0.03
21) Naphthalene-d8	10.18	136	936829	20.00	ng	-0.03
38) Acenaphthene-d10	14.07	164	609425	20.00	ng	-0.02
63) Phenanthrene-d10	16.83	188	1695960	20.00	ng	-0.02
75) Chrysene-d12	21.05	240	1966800	20.00	ng	-0.02
86) Perylene-d12	23.17	264	641219	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	1807659	123.98	ng	-0.02
7) Phenol-d6	6.62	99	2405444	119.67	ng	-0.02
23) Nitrobenzene-d5	8.57	82	1965556	80.65	ng	-0.02
41) 2,4,6-Tribromophenol	15.58	330	1463722	157.17	ng	-0.02
44) 2-Fluorobiphenyl	12.69	172	3992986	81.51	ng	-0.02
78) Terphenyl-d14	19.50	244	8364345	82.25	ng	-0.01

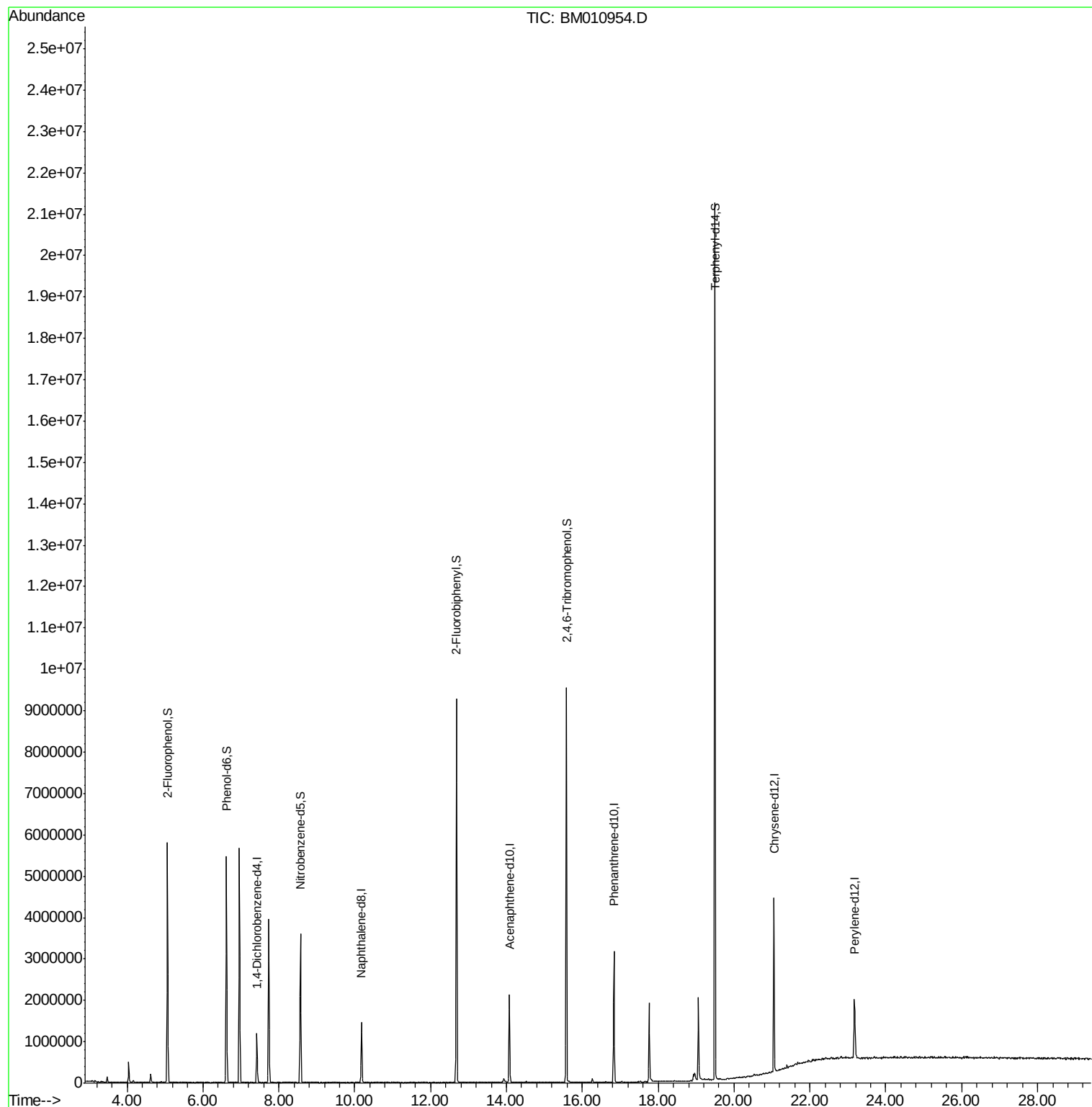
Target Compounds Qvalue

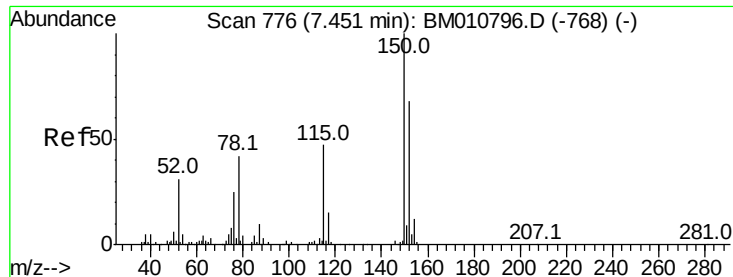
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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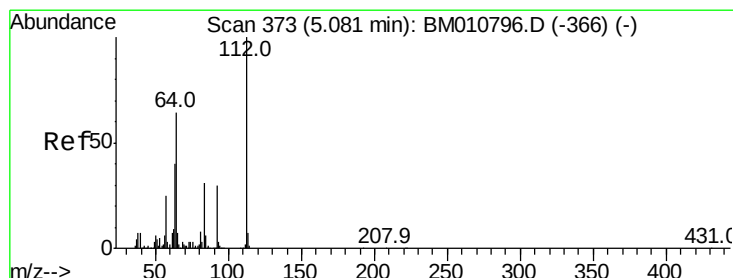
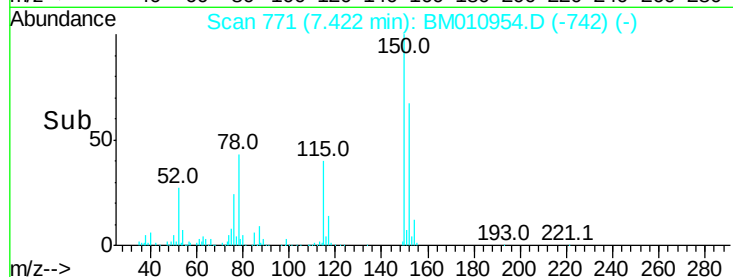
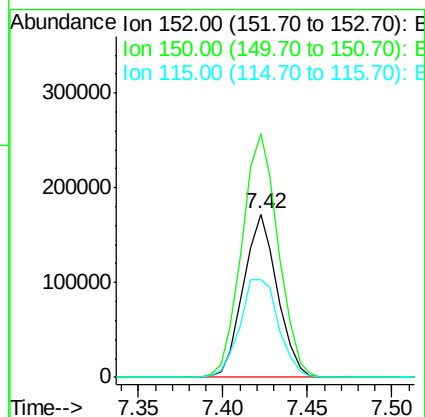
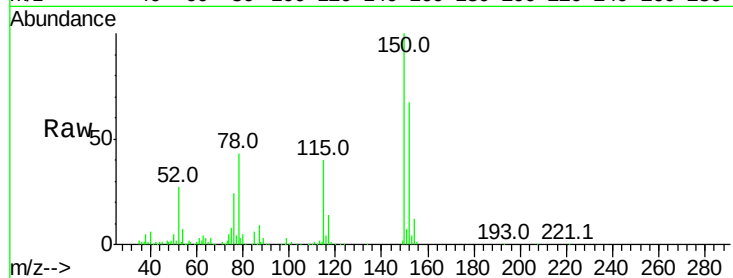


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.03 min
Lab File: BM010954.D
Acq: 22 Jul 2017 02:11

Instrument :
BNA_M
ClientSampleId :
OR-02-071917

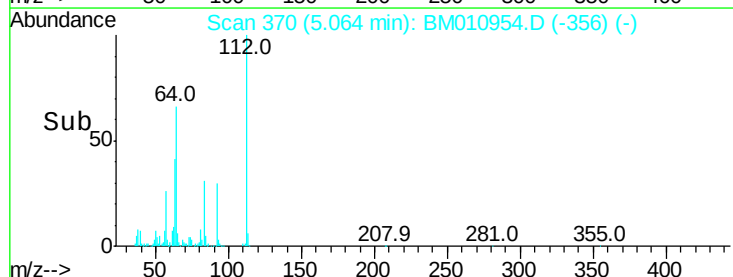
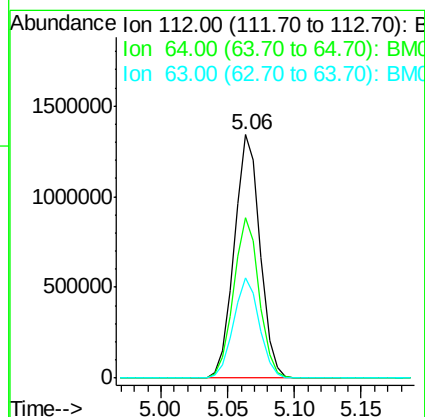
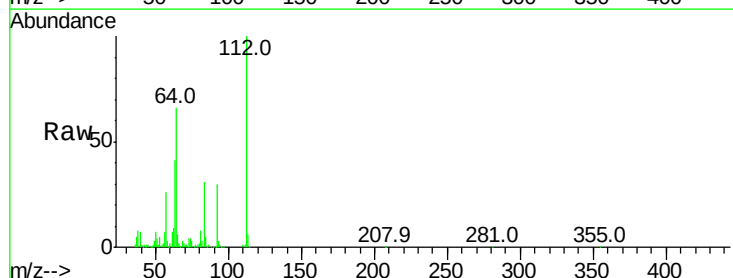
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.1	119.5	179.3
115	60.0	43.0	64.4

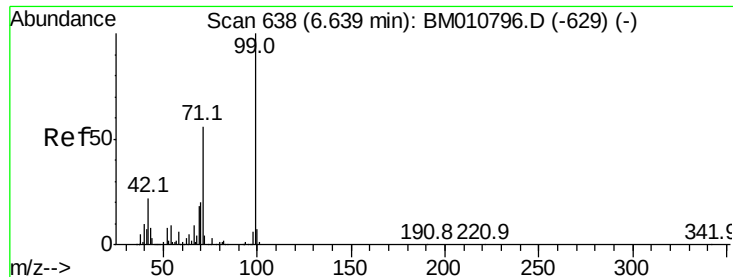


#5

2-Fluorophenol
Concen: 123.979 ng
RT: 5.06 min Scan# 370
Delta R.T. -0.02 min
Lab File: BM010954.D
Acq: 22 Jul 2017 02:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	38.6	57.8#
63	41.3	19.3	28.9#





#7

Phenol-d6

Concen: 119.672 ng

RT: 6.62 min Scan# 635

Delta R.T. -0.02 min

Lab File: BM010954.D

Acq: 22 Jul 2017 02:11

Instrument :

BNA_M

ClientSampleId :

OR-02-071917

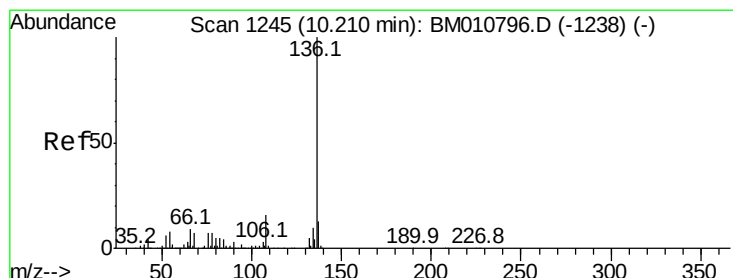
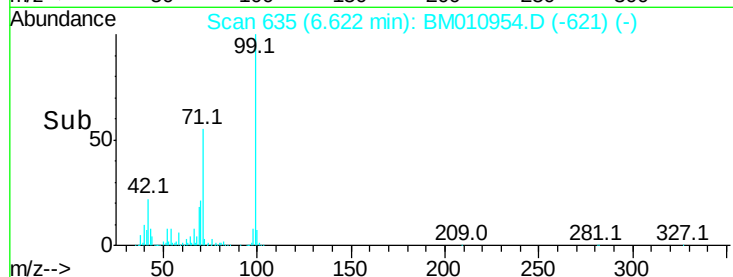
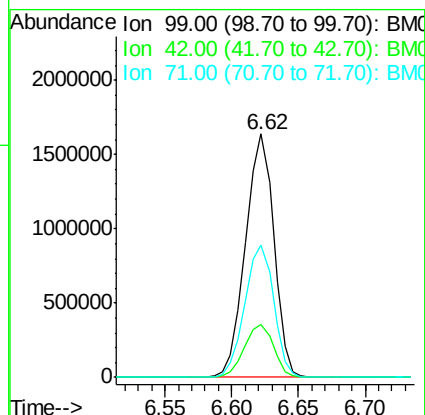
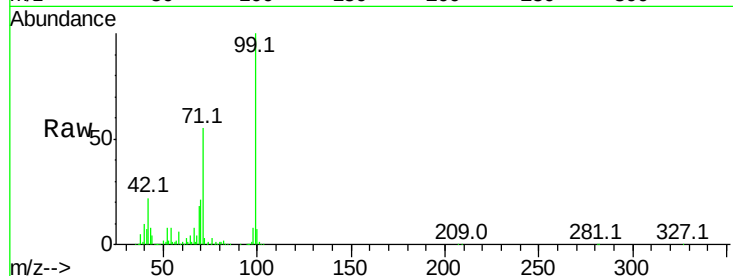
Tot Ion: 99 Resp: 2405444

Ion Ratio Lower Upper

99 100

42 21.7 11.0 16.4#

71 54.6 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: BM010954.D

Acq: 22 Jul 2017 02:11

Tgt Ion: 136 Resp: 936829

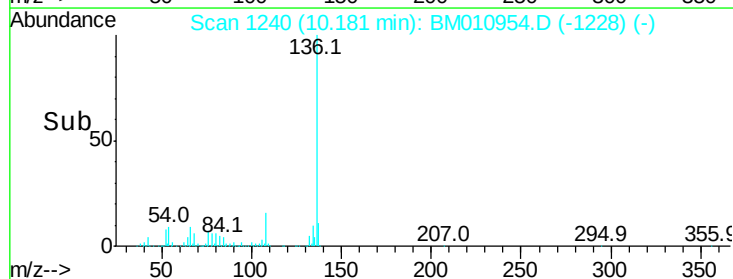
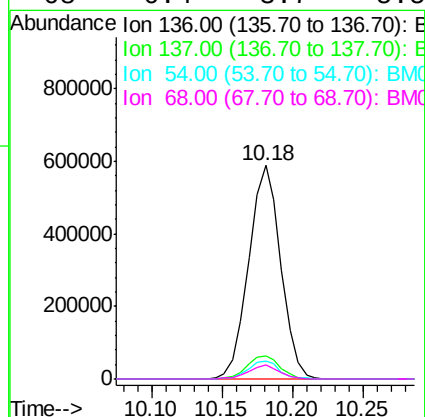
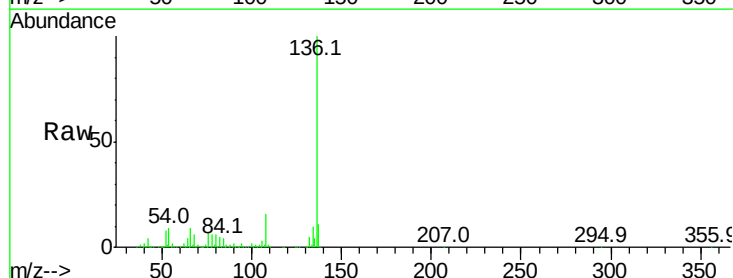
Ion Ratio Lower Upper

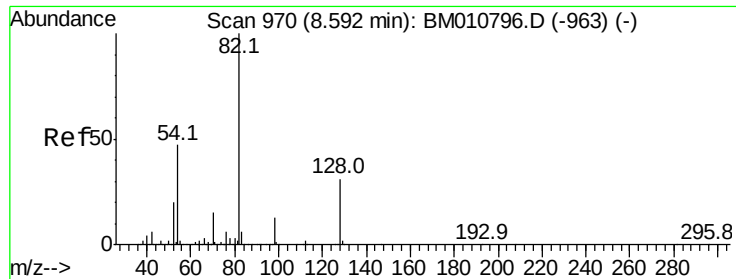
136 100

137 10.9 8.7 13.1

54 8.6 4.6 6.8#

68 6.4 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 80.646 ng

RT: 8.57 min Scan# 966

Delta R.T. -0.02 min

Lab File: BM010954.D

Acq: 22 Jul 2017 02:11

Instrument :

BNA_M

ClientSampleId :

OR-02-071917

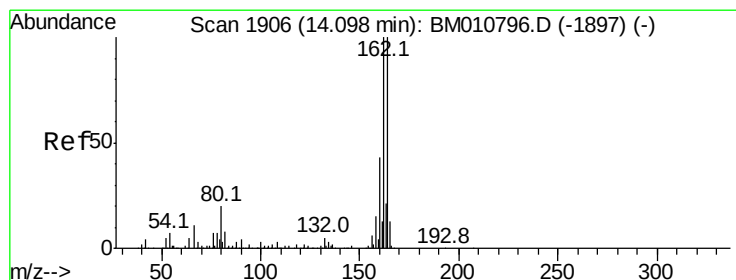
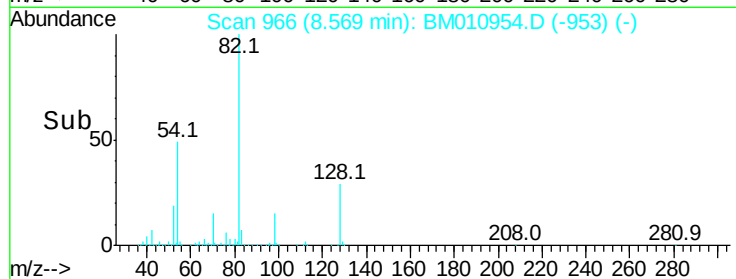
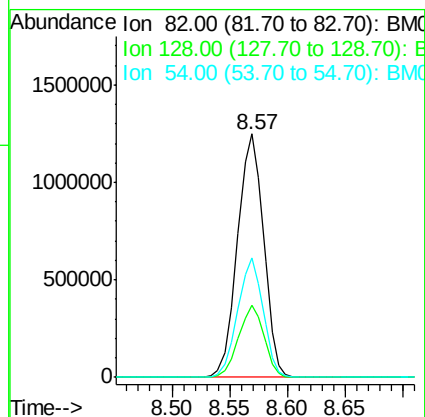
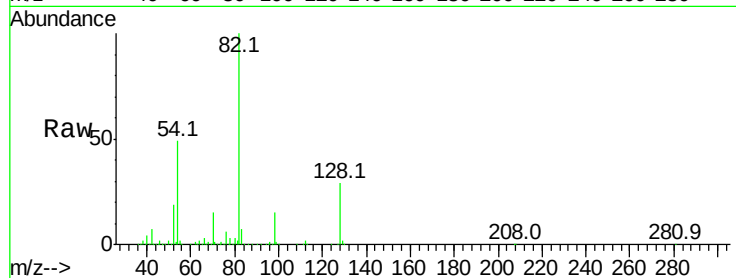
Tot Ion: 82 Resp: 1965556

Ion Ratio Lower Upper

82 100

128 29.4 32.8 49.2#

54 49.1 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: BM010954.D

Acq: 22 Jul 2017 02:11

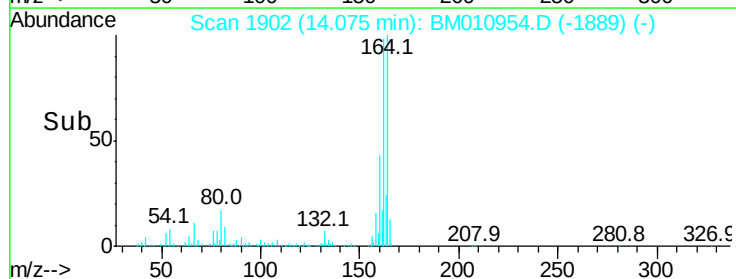
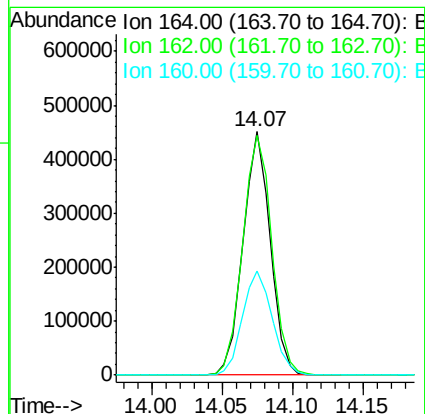
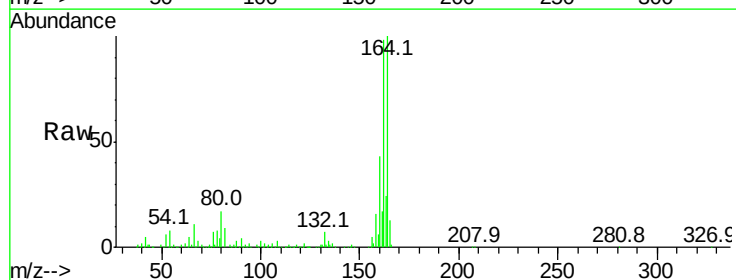
Tgt Ion:164 Resp: 609425

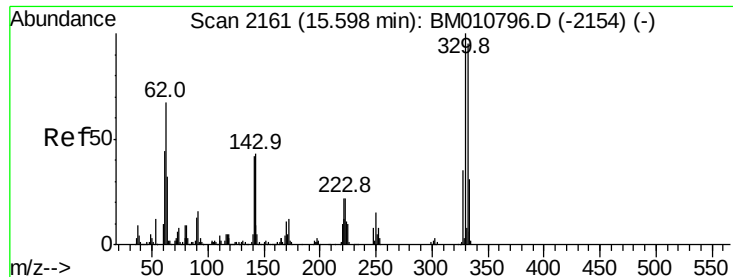
Ion Ratio Lower Upper

164 100

162 98.4 82.4 123.6

160 42.8 35.8 53.6





#41

2,4,6-Tribromophenol

Concen: 157.167 ng

RT: 15.58 min Scan# 2158

Delta R.T. -0.02 min

Lab File: BM010954.D

Acq: 22 Jul 2017 02:11

Instrument :

BNA_M

ClientSampleId :

OR-02-071917

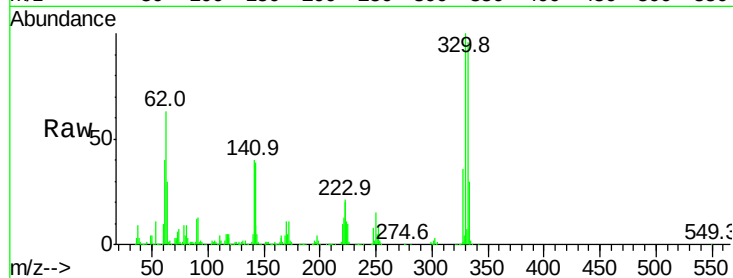
Tot Ion:330 Resp: 1463722

Ion Ratio Lower Upper

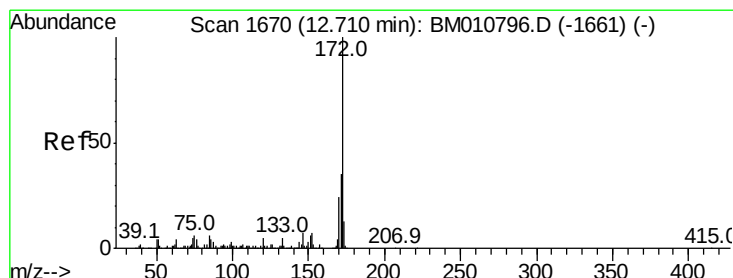
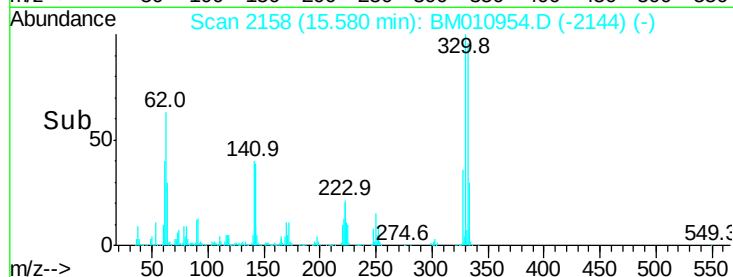
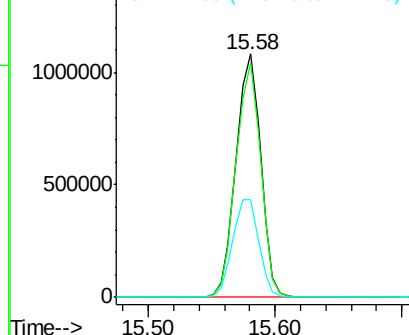
330 100

332 96.1 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: 81.509 ng

RT: 12.69 min Scan# 1666

Delta R.T. -0.02 min

Lab File: BM010954.D

Acq: 22 Jul 2017 02:11

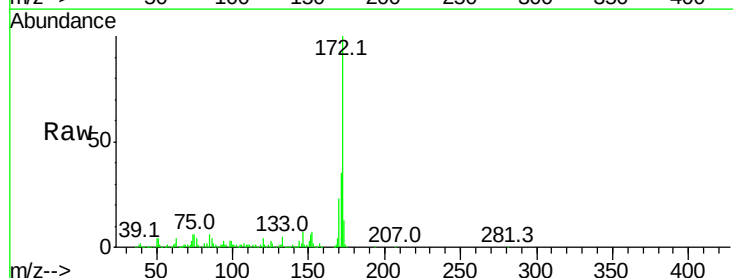
Tgt Ion:172 Resp: 3992986

Ion Ratio Lower Upper

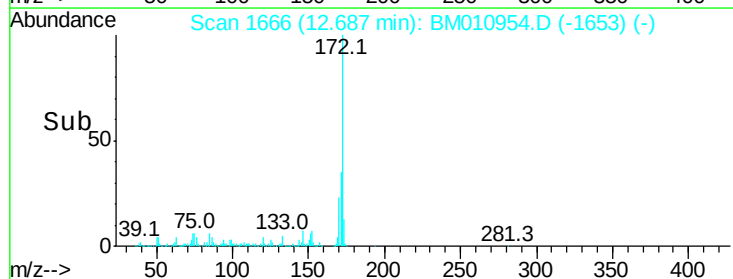
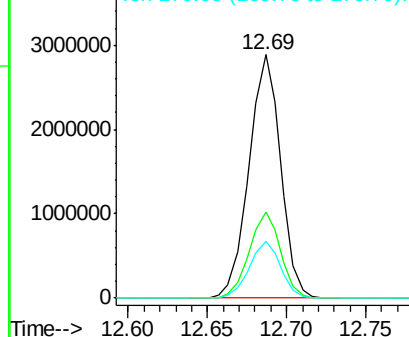
172 100

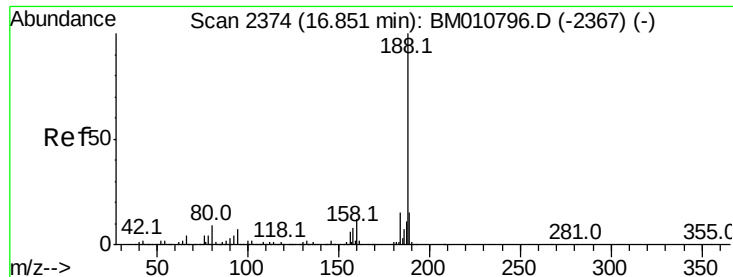
171 35.3 28.5 42.7

170 23.5 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

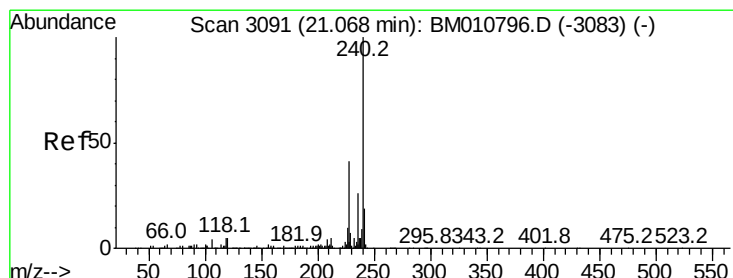
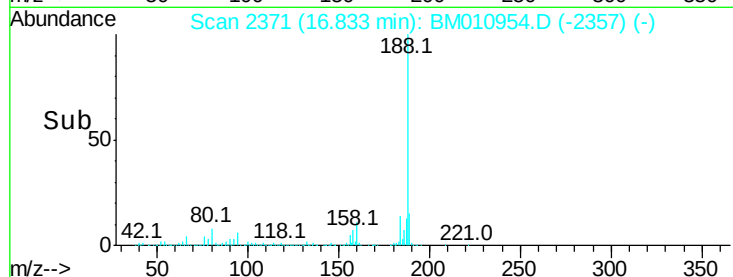
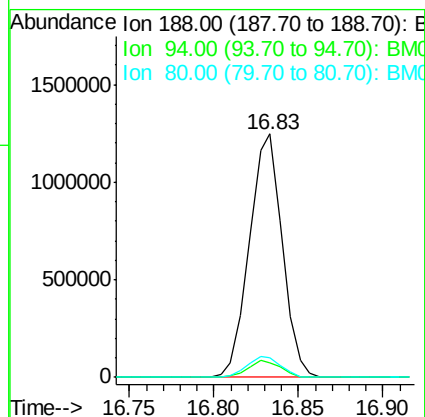
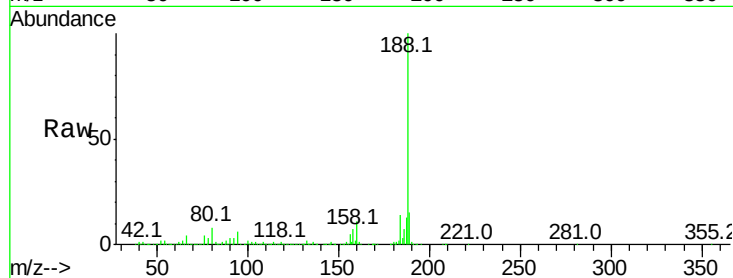




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.83 min Scan# 2371
 Delta R.T. -0.02 min
 Lab File: BM010954.D
 Acq: 22 Jul 2017 02:11

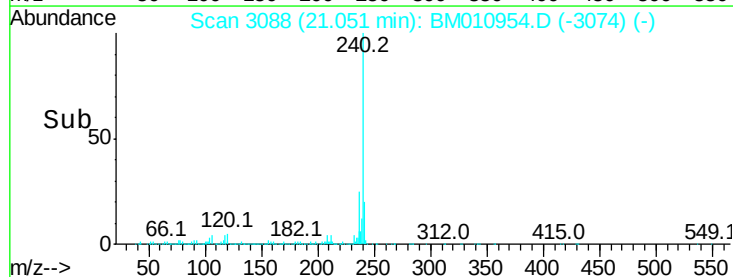
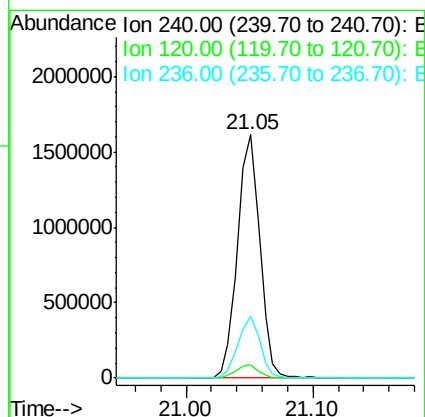
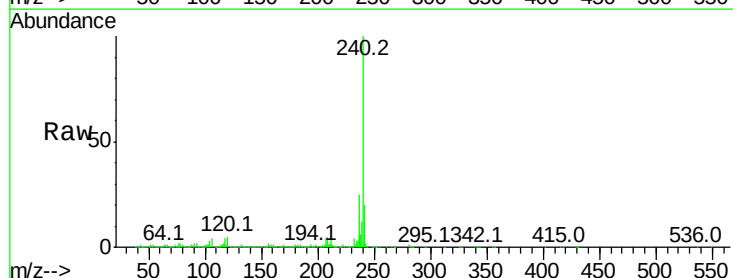
Instrument :
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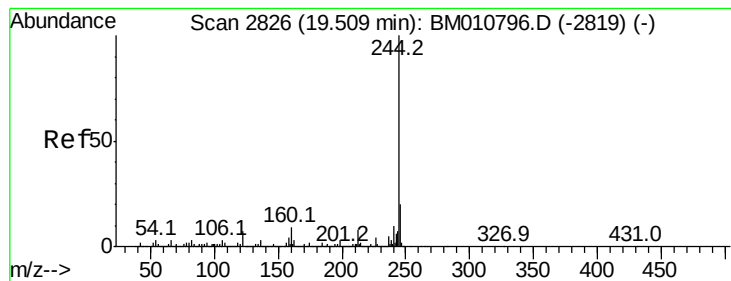
Tot Ion:188 Resp: 1695960
 Ion Ratio Lower Upper
 188 100
 94 6.0 8.7 13.1#
 80 8.3 9.3 13.9#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.05 min Scan# 3088
 Delta R.T. -0.02 min
 Lab File: BM010954.D
 Acq: 22 Jul 2017 02:11

Tgt Ion:240 Resp: 1966800
 Ion Ratio Lower Upper
 240 100
 120 5.5 8.2 12.2#
 236 25.5 20.0 30.0





#78

Terphenyl-d14

Concen: 82.253 ng

RT: 19.50 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM010954.D

Acq: 22 Jul 2017 02:11

Instrument :

BNA_M

ClientSampleId :

OR-02-071917

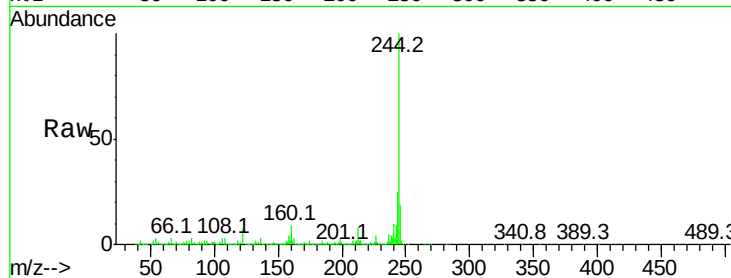
Tot Ion:244 Resp: 8364345

Ion Ratio Lower Upper

244 100

212 8.3 4.9 7.3#

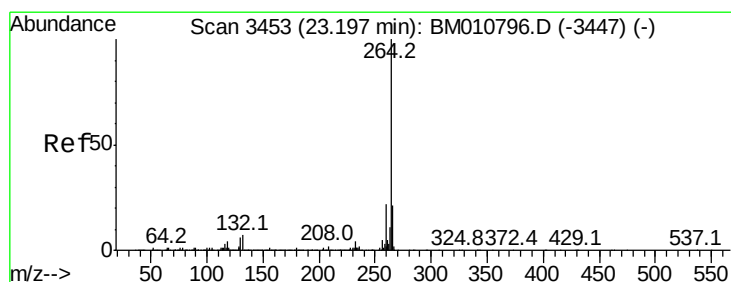
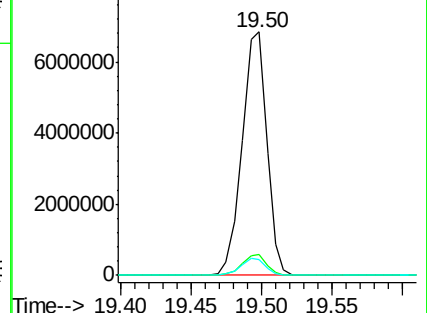
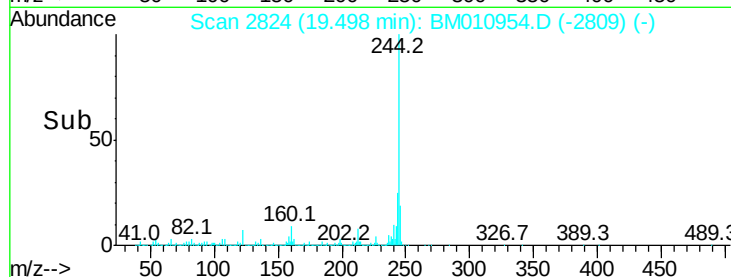
122 6.7 6.2 9.4



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: 23.17 min Scan# 3449

Delta R.T. -0.02 min

Lab File: BM010954.D

Acq: 22 Jul 2017 02:11

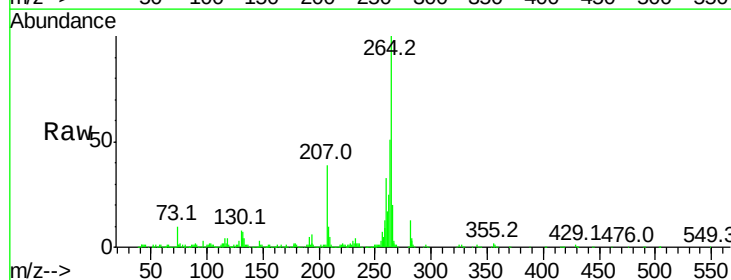
Tgt Ion:264 Resp: 641219

Ion Ratio Lower Upper

264 100

260 32.5 18.6 27.8#

265 19.9 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

