

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072117\
 Data File : BM010947.D
 Acq On : 21 Jul 2017 22:00
 Operator : SJ/JU
 Sample : I4308-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-08-071917

Quant Time: Jul 21 23:26:56 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	269788	20.00	ng	-0.03
21) Naphthalene-d8	10.18	136	1005249	20.00	ng	-0.03
38) Acenaphthene-d10	14.07	164	664536	20.00	ng	-0.02
63) Phenanthrene-d10	16.83	188	1683945	20.00	ng	-0.02
75) Chrysene-d12	21.05	240	1617677	20.00	ng	-0.02
86) Perylene-d12	23.17	264	1361274	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	1899873	116.65	ng	-0.01
7) Phenol-d6	6.62	99	2350643	104.69	ng	-0.02
23) Nitrobenzene-d5	8.57	82	2127487	81.35	ng	-0.02
41) 2,4,6-Tribromophenol	15.58	330	1383333	136.22	ng	-0.02
44) 2-Fluorobiphenyl	12.69	172	4132327	77.36	ng	-0.02
78) Terphenyl-d14	19.50	244	6939295	82.97	ng	-0.01

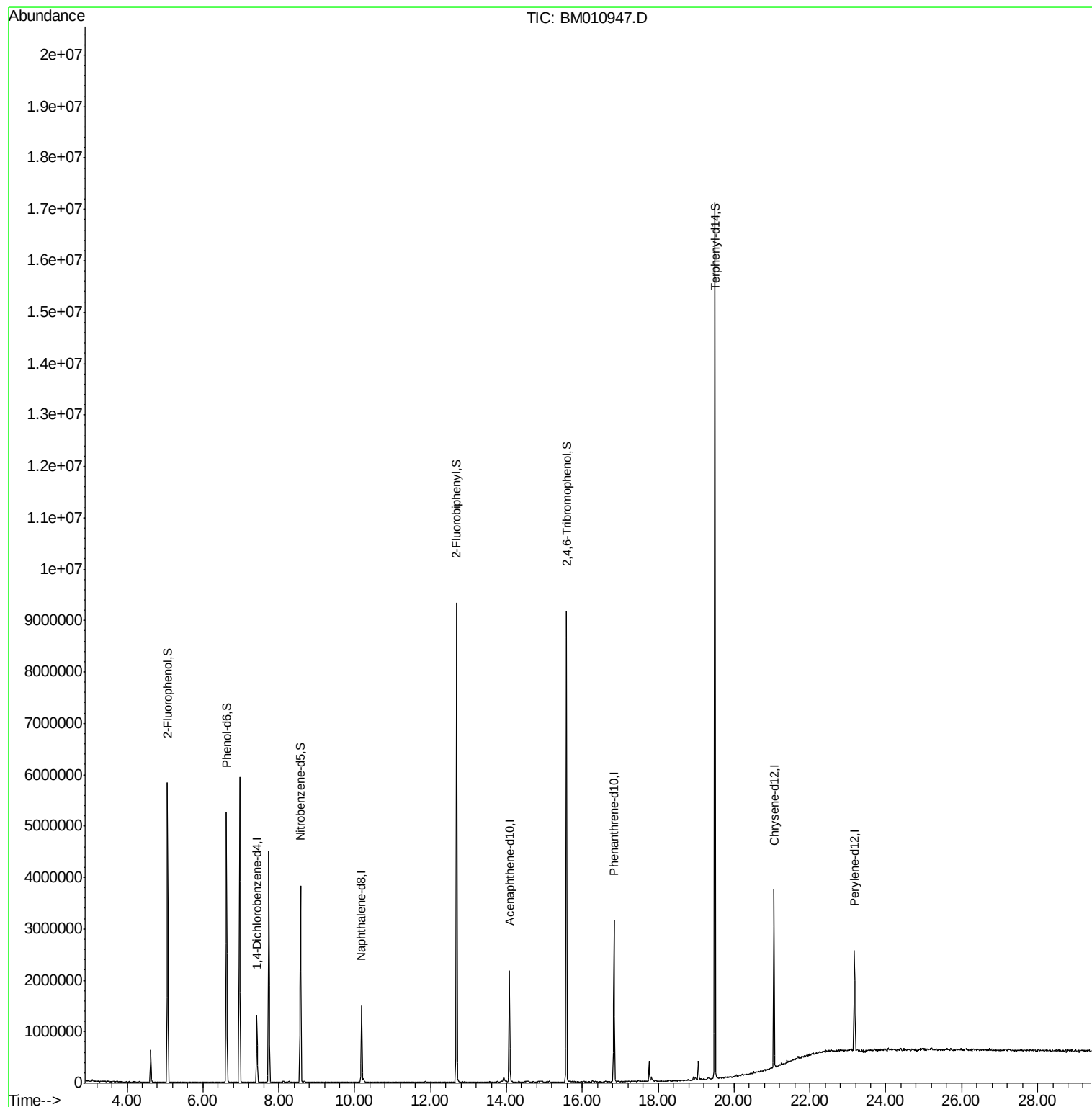
Target Compounds Qvalue

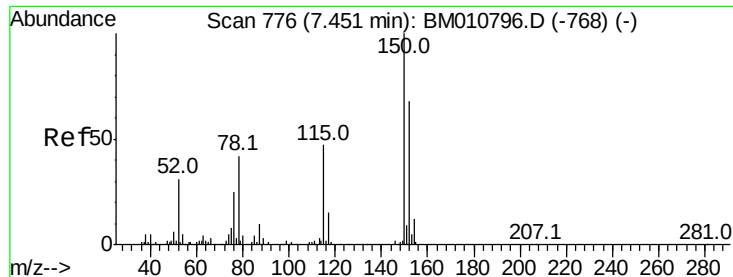
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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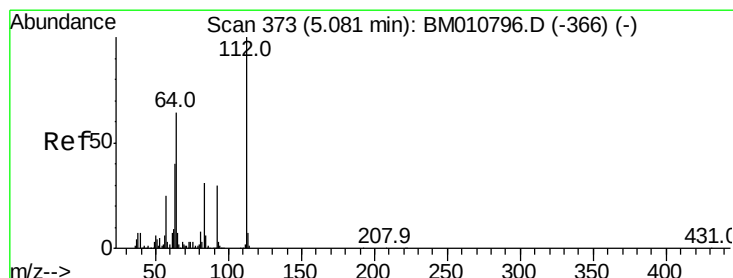
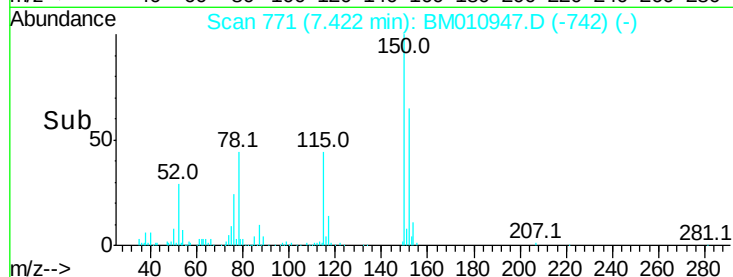
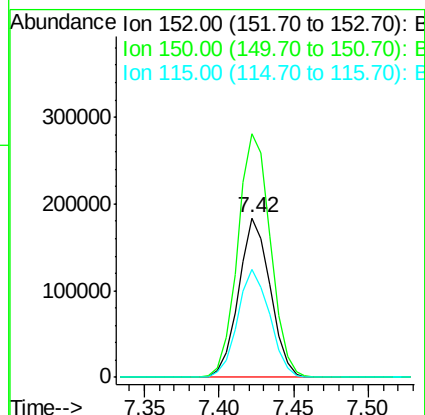
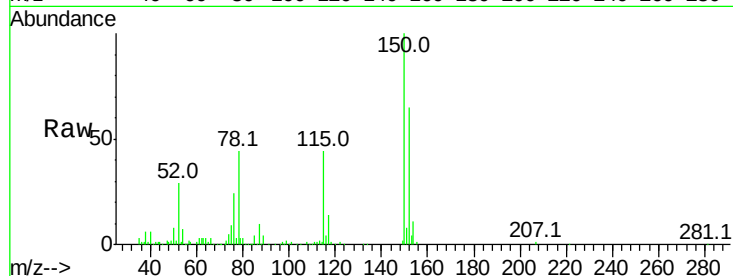


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.03 min
Lab File: BM010947.D
Acq: 21 Jul 2017 22:00

Instrument :
BNA_M
ClientSampleId :
NB-08-071917

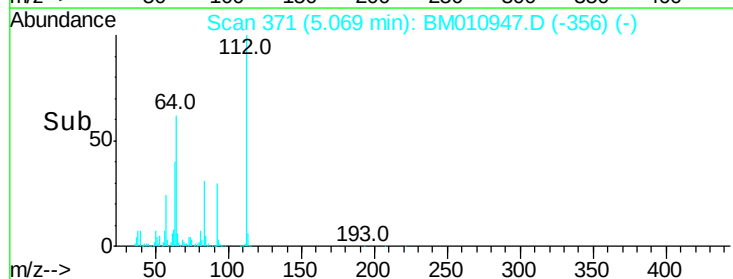
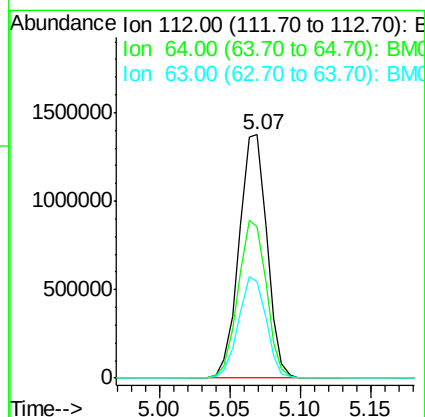
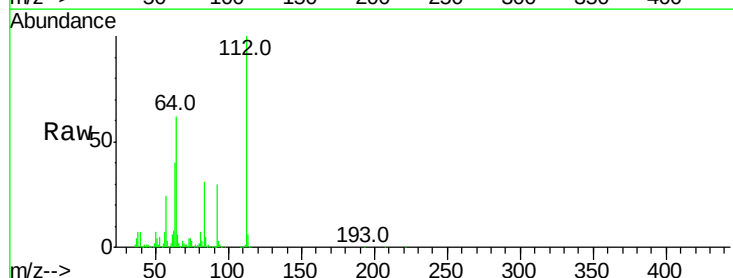
Tot Ion:152 Resp: 269788
Ion Ratio Lower Upper
152 100
150 152.9 119.5 179.3
115 67.7 43.0 64.4#

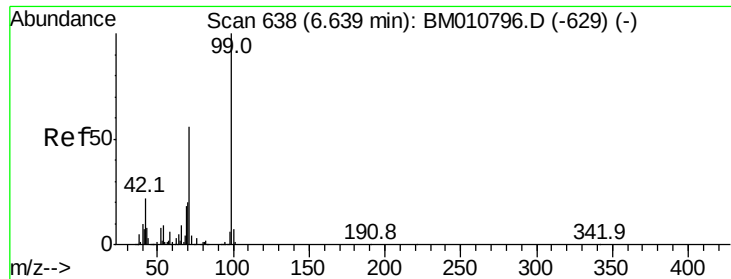


#5

2-Fluorophenol
Concen: 116.652 ng
RT: 5.07 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM010947.D
Acq: 21 Jul 2017 22:00

Tgt Ion:112 Resp: 1899873
Ion Ratio Lower Upper
112 100
64 62.3 38.6 57.8#
63 39.7 19.3 28.9#





#7

Phenol-d6

Concen: 104.693 ng

RT: 6.62 min Scan# 635

Delta R.T. -0.02 min

Lab File: BM010947.D

Acq: 21 Jul 2017 22:00

Instrument :

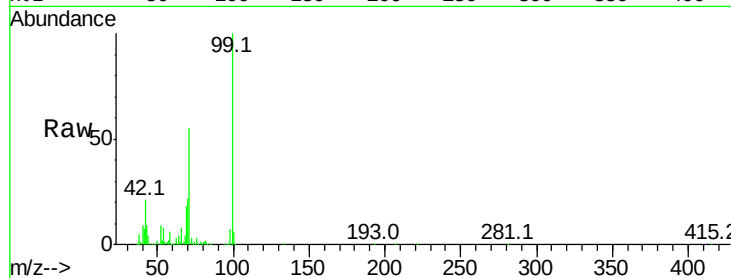
BNA_M

ClientSampleId :

NB-08-071917

Tot Ion: 99 Resp: 2350643

Ion	Ratio	Lower	Upper
99	100		
42	21.1	11.0	16.4#
71	55.0	23.4	35.2#

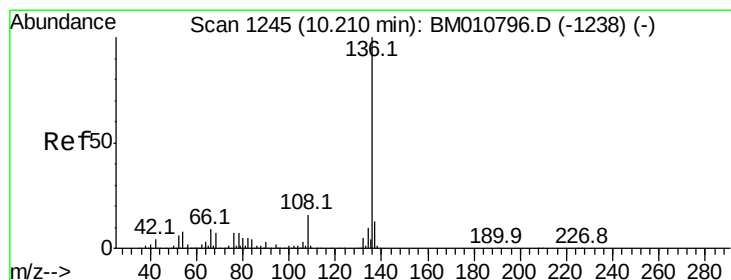
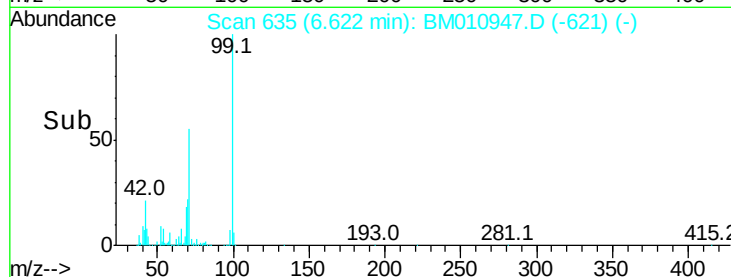
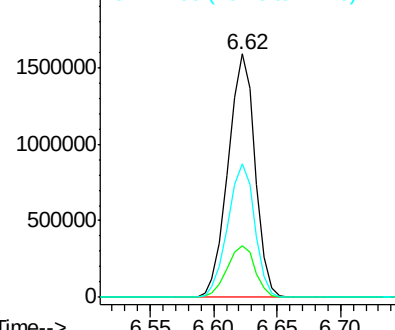


Abundance

Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.18 min Scan# 1240

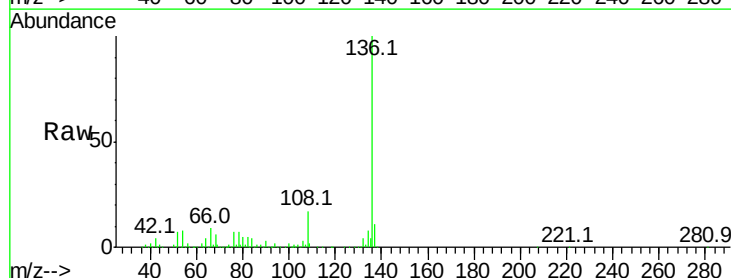
Delta R.T. -0.03 min

Lab File: BM010947.D

Acq: 21 Jul 2017 22:00

Tgt Ion: 136 Resp: 1005249

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	7.9	4.6	6.8#
68	5.9	3.7	5.5#



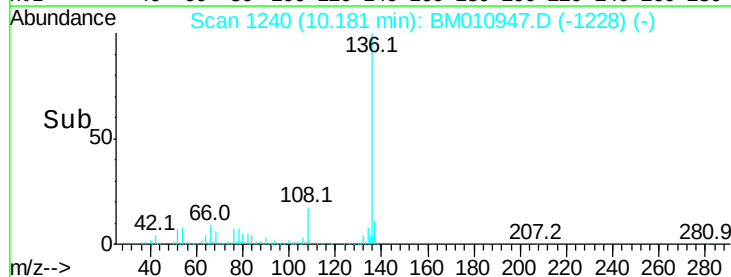
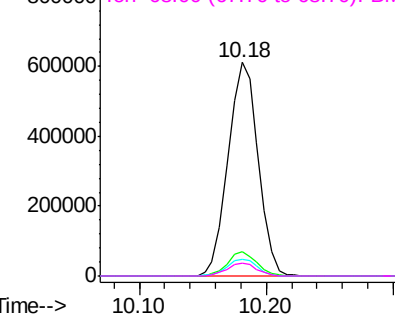
Abundance

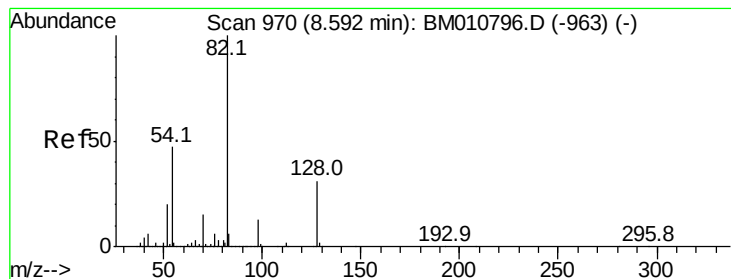
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0





#23

Nitrobenzene-d5

Concen: 81.349 ng

RT: 8.57 min Scan# 966

Delta R.T. -0.02 min

Lab File: BM010947.D

Acq: 21 Jul 2017 22:00

Instrument :

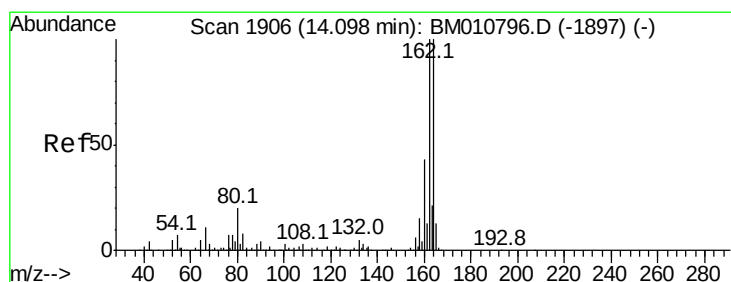
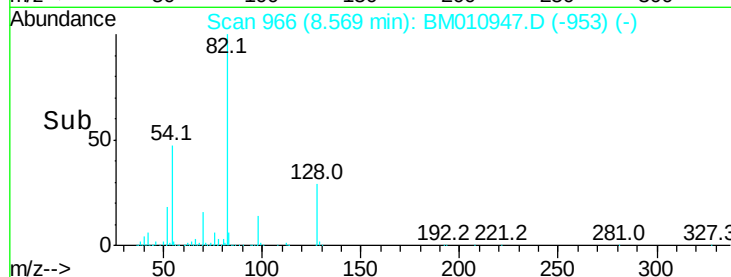
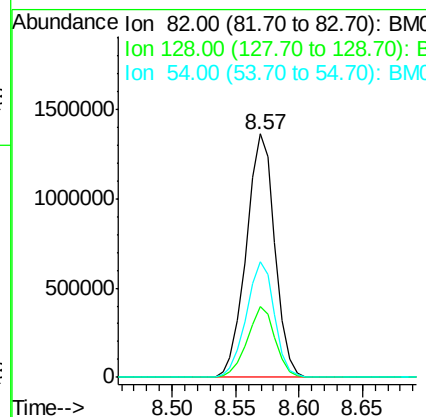
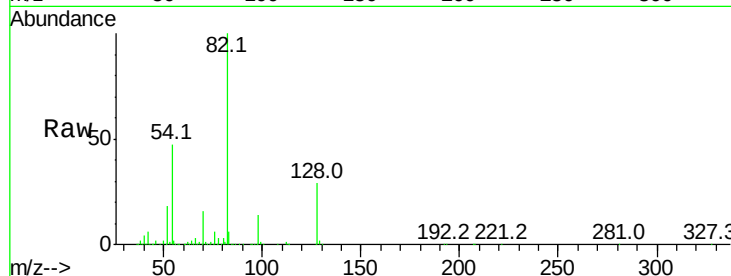
BNA_M

ClientSampleId :

NB-08-071917

Tot Ion: 82 Resp: 2127487

Ion	Ratio	Lower	Upper
82	100		
128	29.2	32.8	49.2#
54	47.2	40.6	60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.07 min Scan# 1902

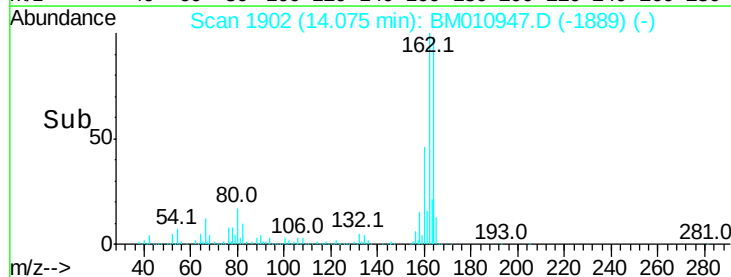
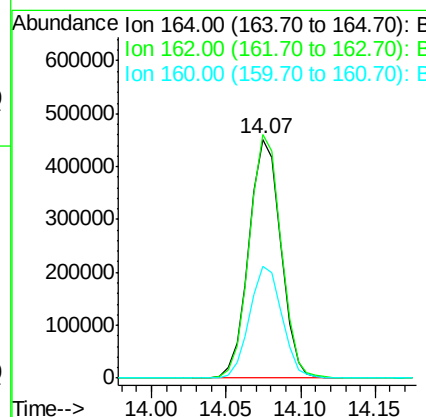
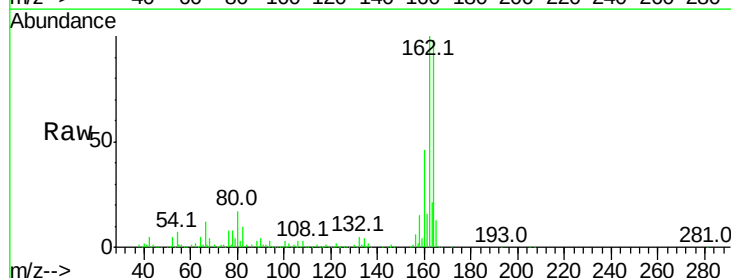
Delta R.T. -0.02 min

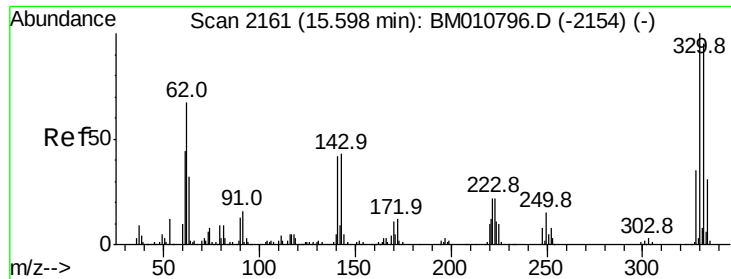
Lab File: BM010947.D

Acq: 21 Jul 2017 22:00

Tgt Ion: 164 Resp: 664536

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.4	123.6
160	46.7	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 136.217 ng

RT: 15.58 min Scan# 2158

Delta R.T. -0.02 min

Lab File: BM010947.D

Acq: 21 Jul 2017 22:00

Instrument :

BNA_M

ClientSampleId :

NB-08-071917

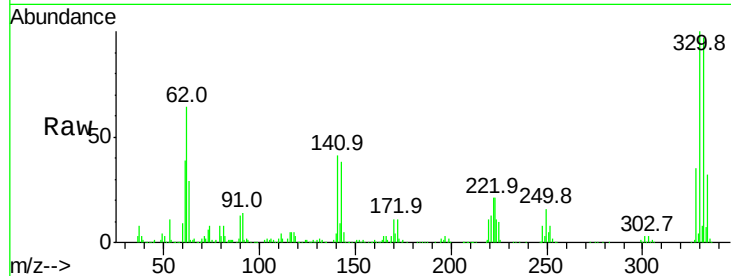
Tot Ion:330 Resp: 1383333

Ion Ratio Lower Upper

330 100

332 95.8 0.0 0.0#

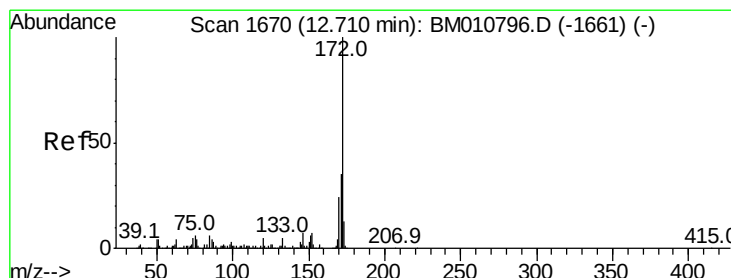
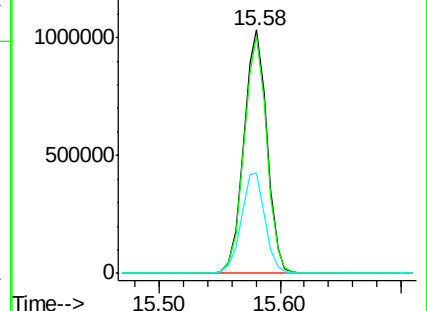
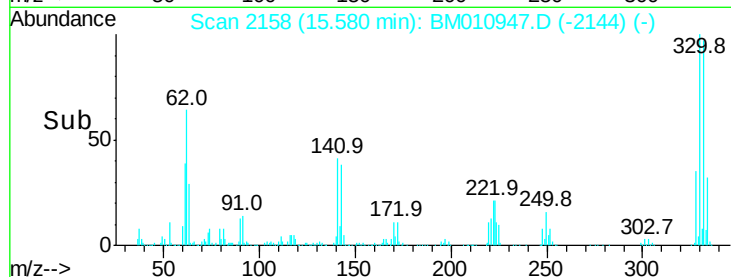
141 41.9 0.0 0.0#



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: 77.358 ng

RT: 12.69 min Scan# 1666

Delta R.T. -0.02 min

Lab File: BM010947.D

Acq: 21 Jul 2017 22:00

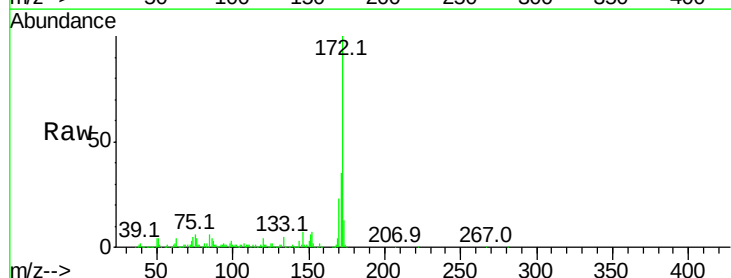
Tgt Ion:172 Resp: 4132327

Ion Ratio Lower Upper

172 100

171 34.8 28.5 42.7

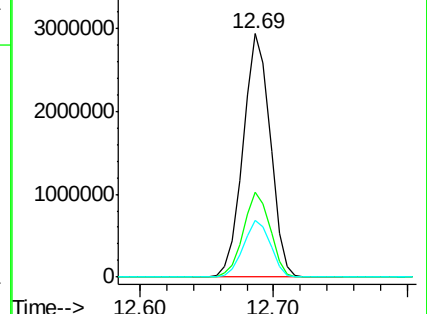
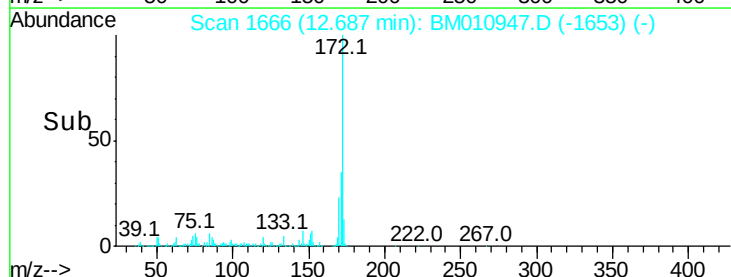
170 23.2 18.8 28.2

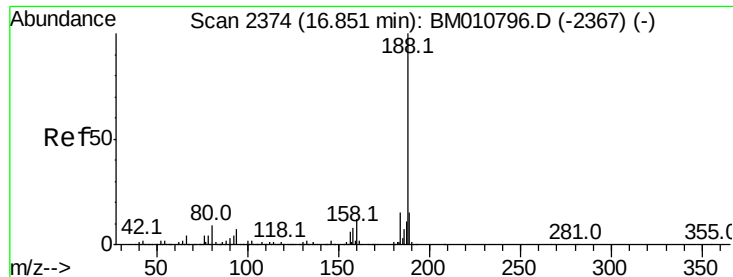


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

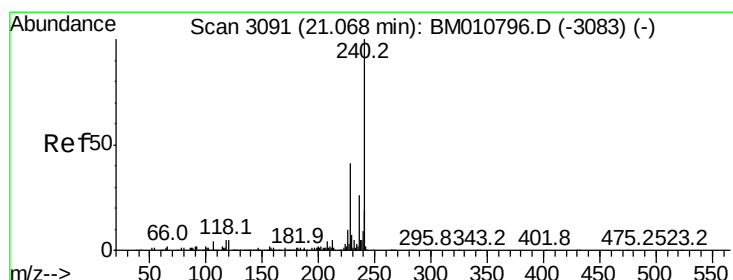
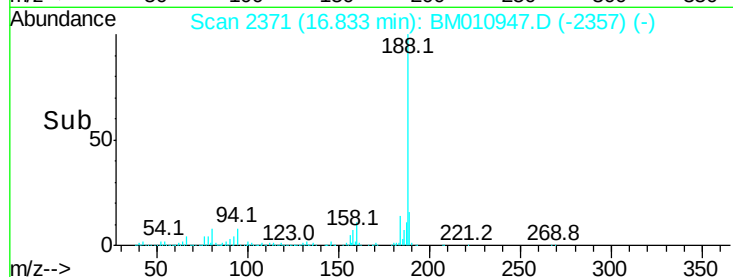
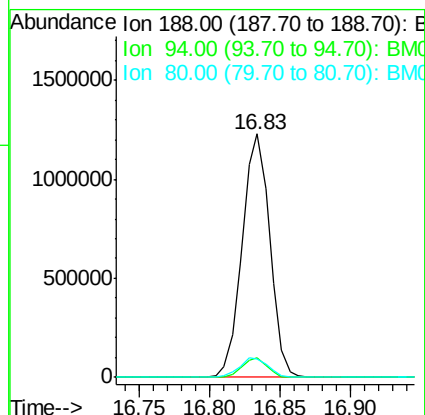
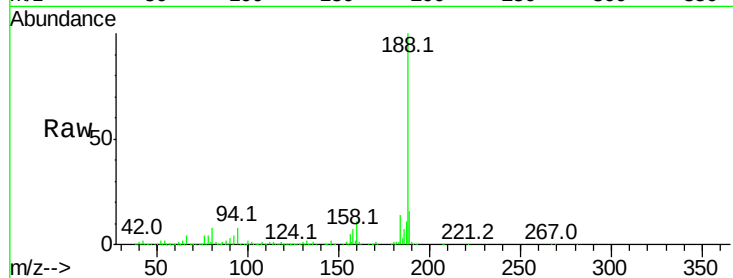




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2371
Delta R.T. -0.02 min
Lab File: BM010947.D
Acq: 21 Jul 2017 22:00

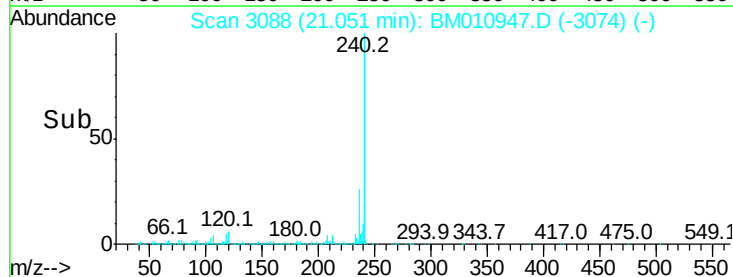
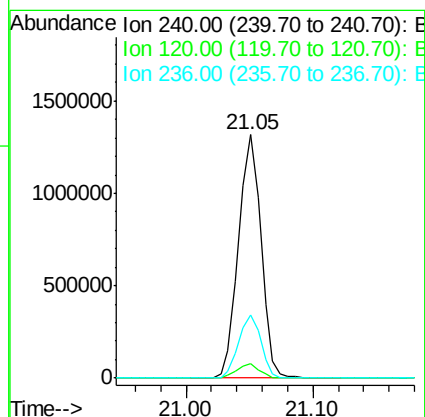
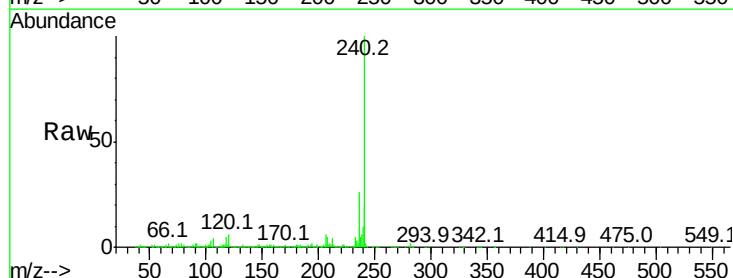
Instrument :
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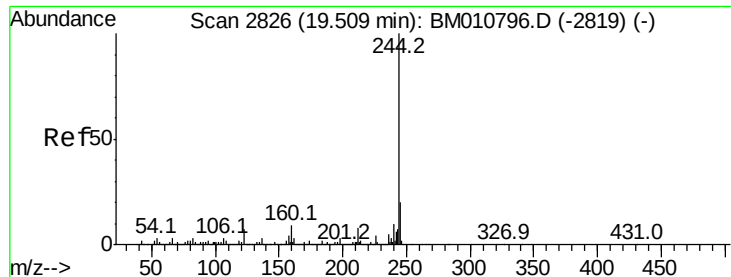
Tot Ion:188 Resp: 1683945
Ion Ratio Lower Upper
188 100
94 8.0 8.7 13.1#
80 7.5 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.05 min Scan# 3088
Delta R.T. -0.02 min
Lab File: BM010947.D
Acq: 21 Jul 2017 22:00

Tgt Ion:240 Resp: 1617677
Ion Ratio Lower Upper
240 100
120 5.8 8.2 12.2#
236 25.9 20.0 30.0





#78

Terphenyl-d14

Concen: 82.967 ng

RT: 19.50 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM010947.D

Acq: 21 Jul 2017 22:00

Instrument :

BNA_M

ClientSampleId :

NB-08-071917

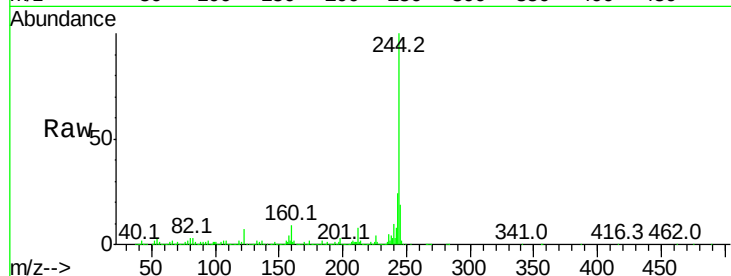
Tot Ion:244 Resp: 6939295

Ion Ratio Lower Upper

244 100

212 7.7 4.9 7.3#

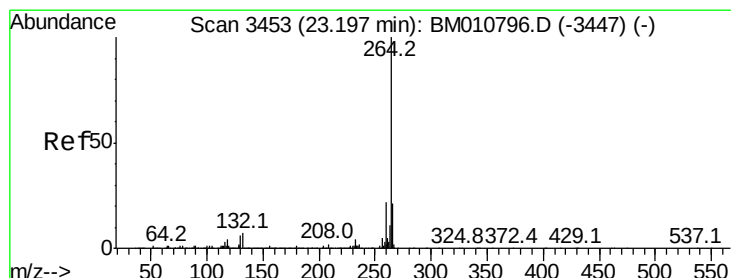
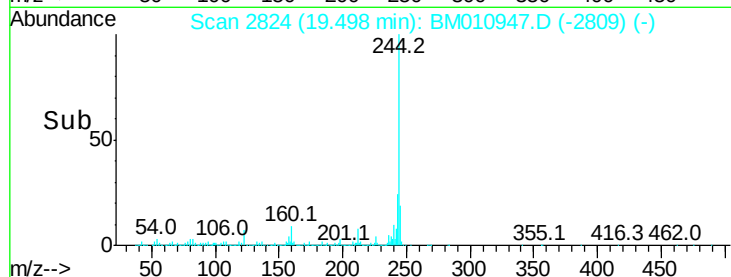
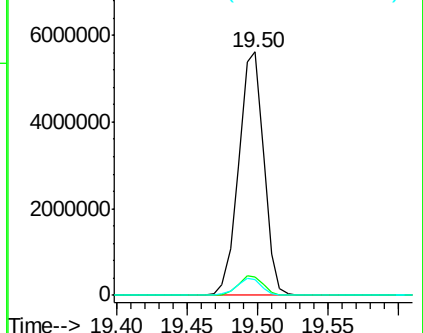
122 6.6 6.2 9.4



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: BM010947.D

Acq: 21 Jul 2017 22:00

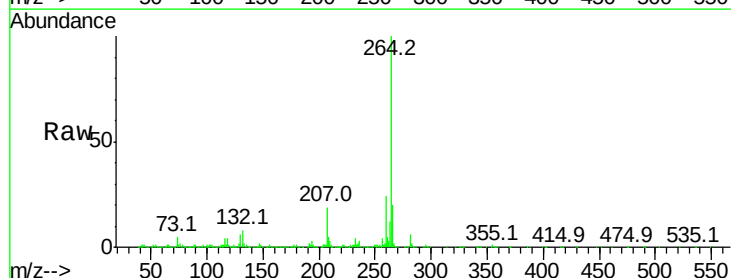
Tgt Ion:264 Resp: 1361274

Ion Ratio Lower Upper

264 100

260 24.1 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

