

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072717\
 Data File : BM011024.D
 Acq On : 27 Jul 2017 23:11
 Operator : SJ/JU
 Sample : I4420-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 2A-1-2-3-4-5-COMP-(0-10)

Quant Time: Jul 28 01:08:32 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	170106	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	618751	20.00	ng	0.00
38) Acenaphthene-d10	14.05	164	414100	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	1053082	20.00	ng	0.00
75) Chrysene-d12	21.02	240	988675	20.00	ng	0.00
86) Perylene-d12	23.13	264	828770	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1298815	129.07	ng	0.00
7) Phenol-d6	6.59	99	1641385	114.80	ng	0.00
23) Nitrobenzene-d5	8.53	82	1630510	98.90	ng	0.00
41) 2,4,6-Tribromophenol	15.55	330	997436	150.28	ng	0.00
44) 2-Fluorobiphenyl	12.66	172	3132588	94.87	ng	0.00
78) Terphenyl-d14	19.47	244	5183115	103.85	ng	0.00

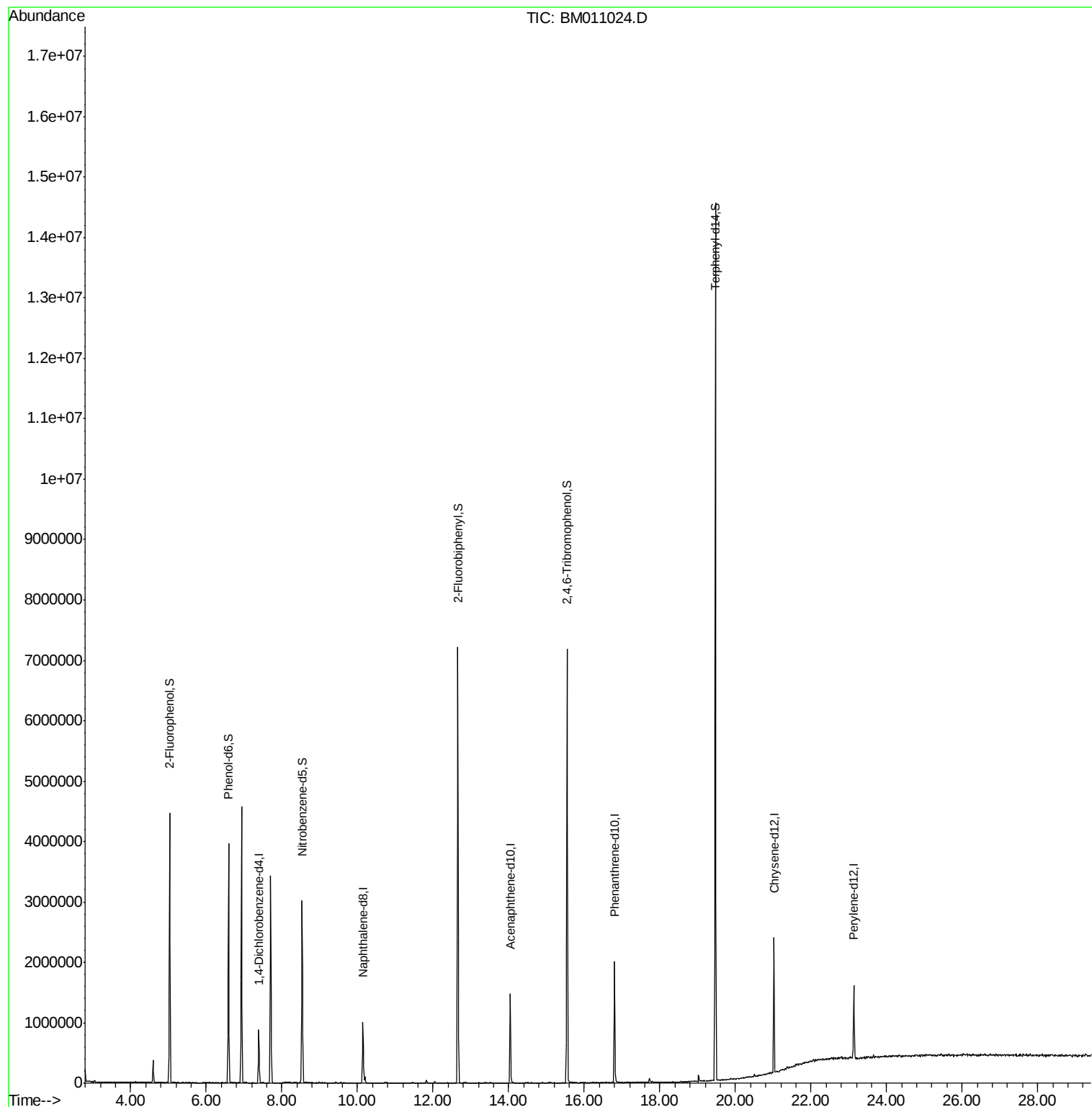
Target Compounds	Qvalue
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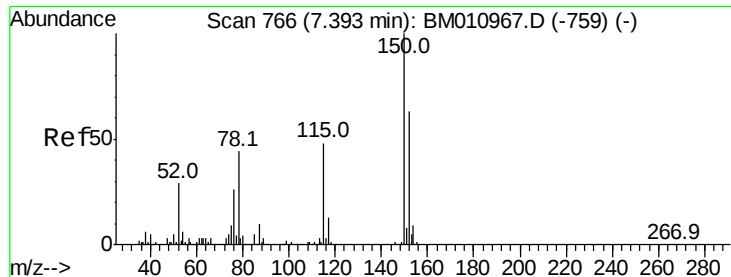
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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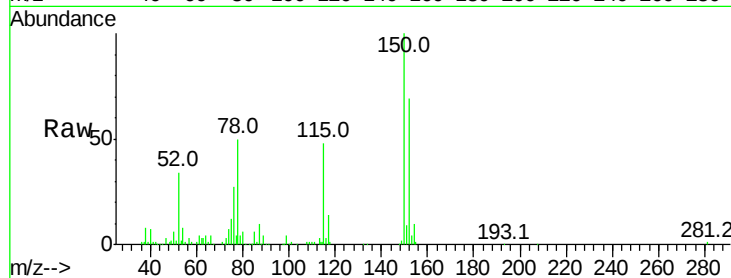


#1

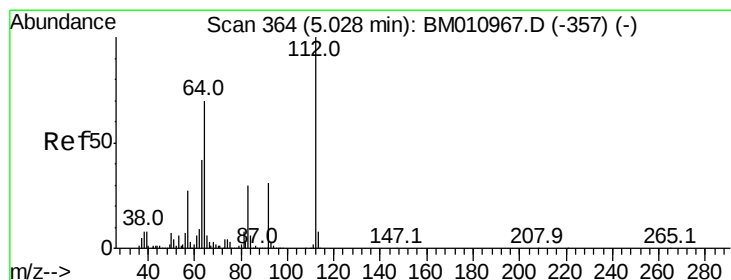
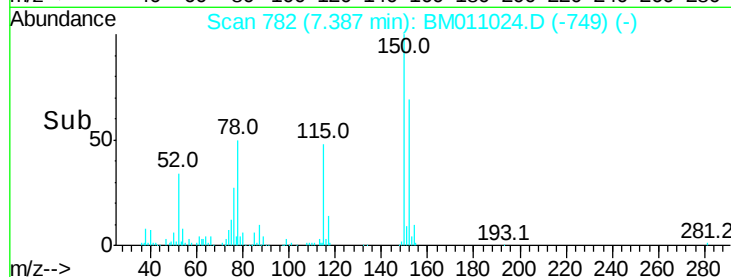
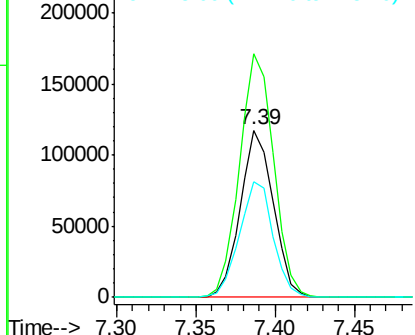
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011024.D
Acq: 27 Jul 2017 23:11

Instrument :
BNA_M
ClientSampleId :
2A-1-2-3-4-5-COMP-(0-10)

Tot Ion:152 Resp: 170106
Ion Ratio Lower Upper
152 100
150 145.8 119.5 179.3
115 69.6 43.0 64.4#



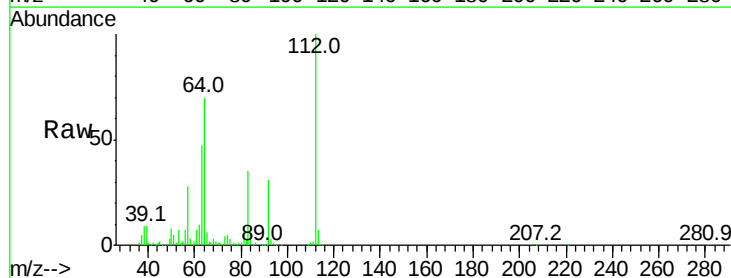
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



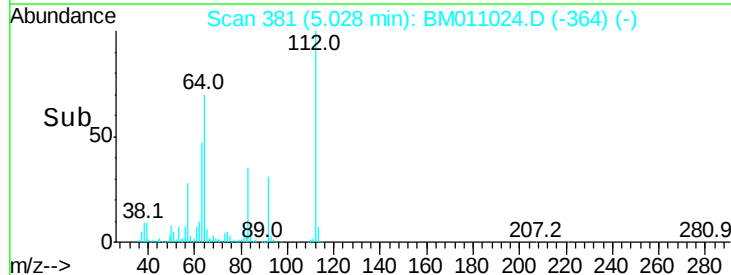
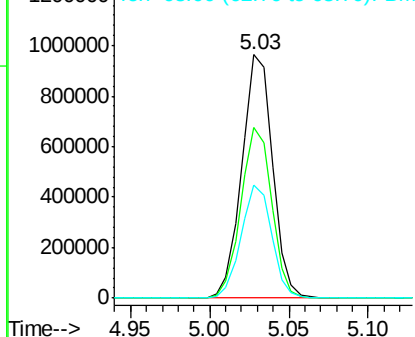
#5

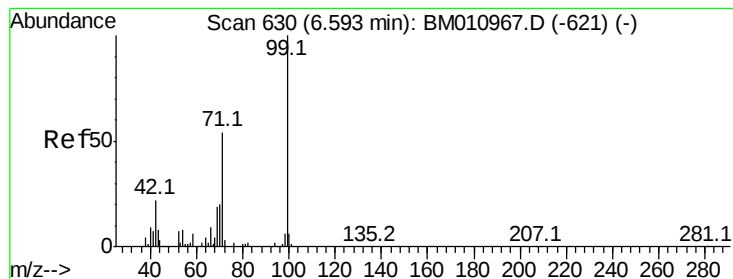
2-Fluorophenol
Concen: 129.071 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011024.D
Acq: 27 Jul 2017 23:11

Tgt Ion:112 Resp: 1298815
Ion Ratio Lower Upper
112 100
64 70.0 38.6 57.8#
63 46.7 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: 114.803 ng

RT: 6.59 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM011024.D

Acq: 27 Jul 2017 23:11

Instrument :

BNA_M

ClientSampleId :

2A-1-2-3-4-5-COMP-(0-10)

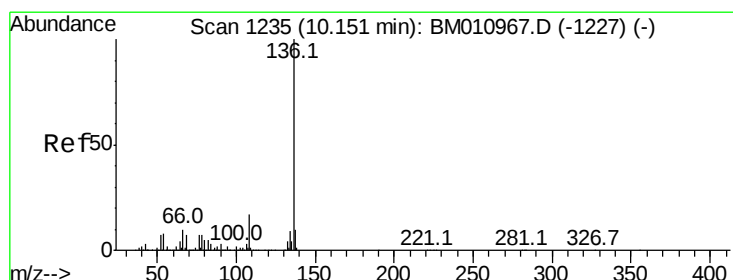
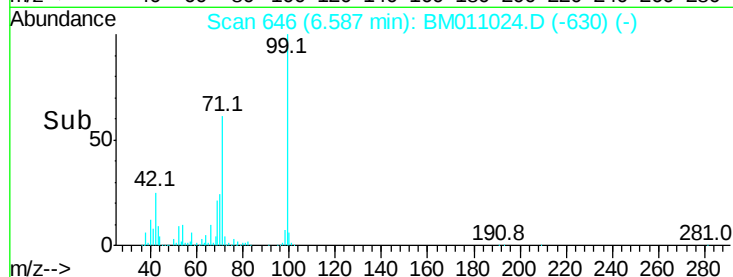
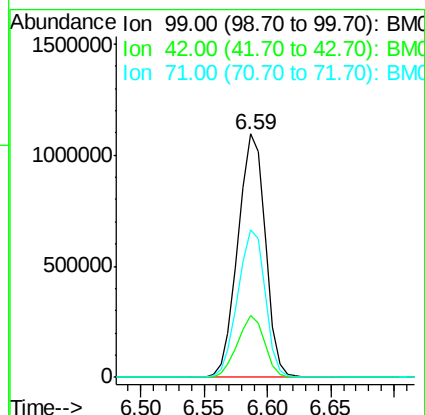
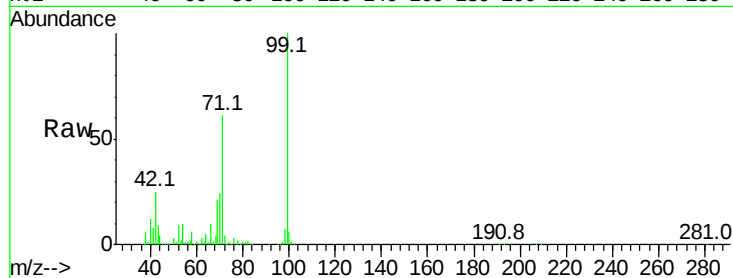
Tot Ion: 99 Resp: 1641385

Ion Ratio Lower Upper

99 100

42 25.2 11.0 16.4#

71 60.6 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.15 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BM011024.D

Acq: 27 Jul 2017 23:11

Tgt Ion: 136 Resp: 618751

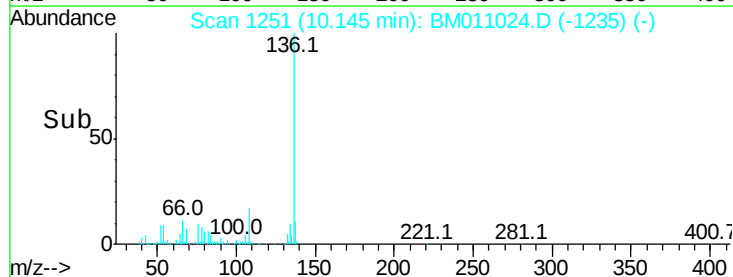
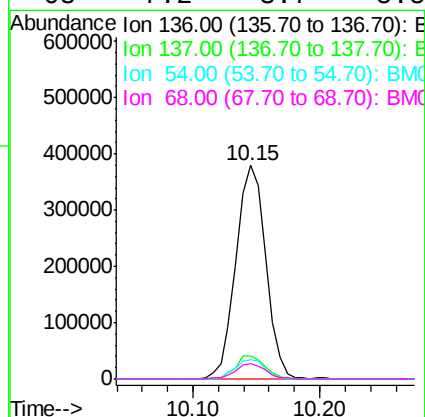
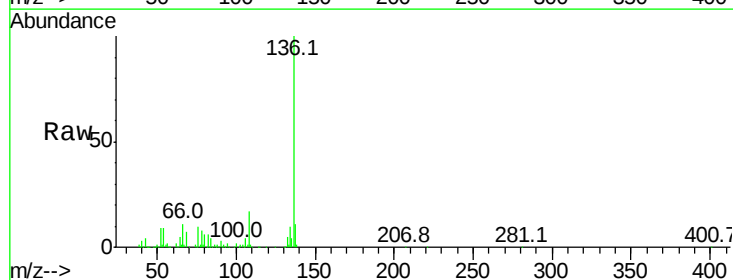
Ion Ratio Lower Upper

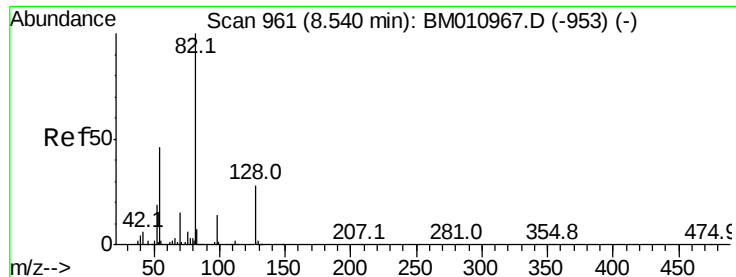
136 100

137 10.7 8.7 13.1

54 8.8 4.6 6.8#

68 7.2 3.7 5.5#

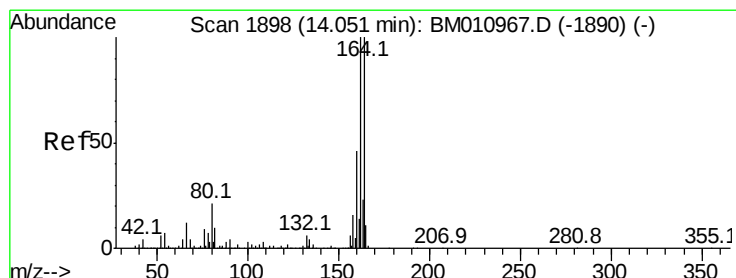
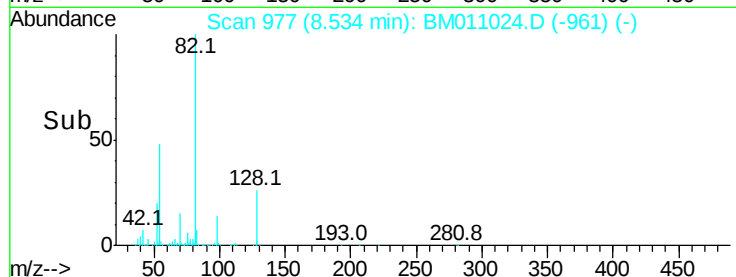
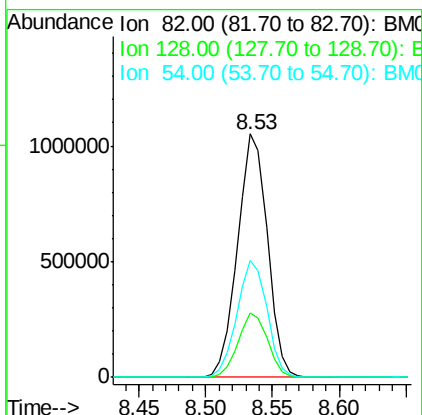
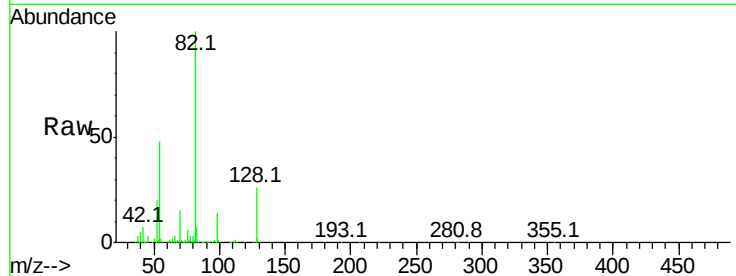




#23
 Nitrobenzene-d5
 Concen: 98.902 ng
 RT: 8.53 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BM011024.D
 Acq: 27 Jul 2017 23:11

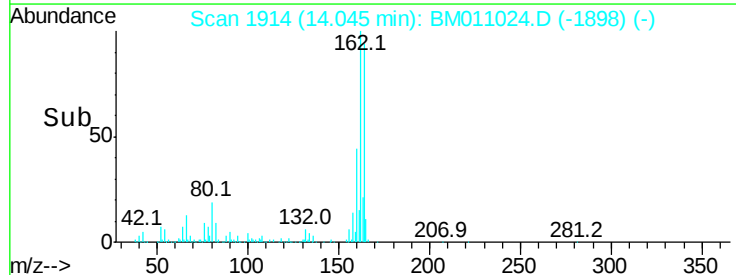
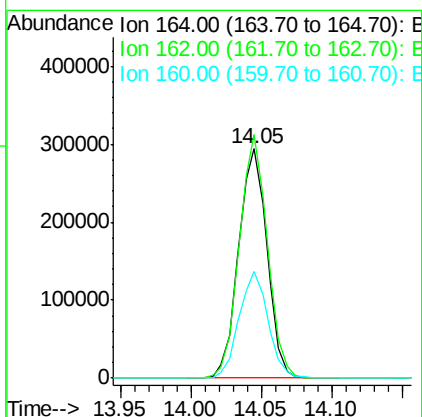
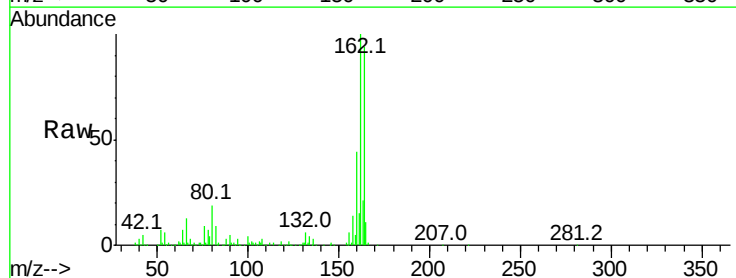
Instrument :
 BNA_M
 ClientSampleId :
 2A-1-2-3-4-5-COMP-(0-10)

Tot Ion: 82 Resp: 1630510
 Ion Ratio Lower Upper
 82 100
 128 26.4 32.8 49.2#
 54 48.2 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.05 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BM011024.D
 Acq: 27 Jul 2017 23:11

Tgt Ion:164 Resp: 414100
 Ion Ratio Lower Upper
 164 100
 162 106.3 82.4 123.6
 160 46.3 35.8 53.6





#41

2,4,6-Tribromophenol

Concen: 150.281 ng

RT: 15.55 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BM011024.D

Acq: 27 Jul 2017 23:11

Instrument :

BNA_M

ClientSampleId :

2A-1-2-3-4-5-COMP-(0-10)

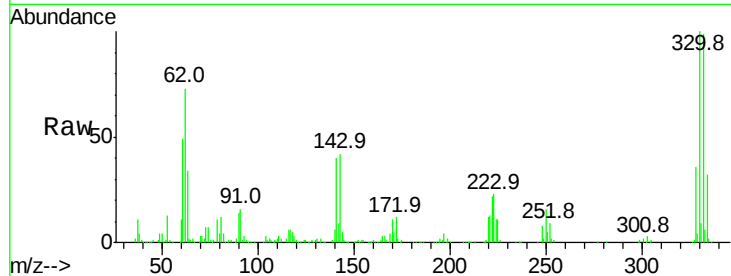
Tot Ion:330 Resp: 997436

Ion Ratio Lower Upper

330 100

332 98.2 0.0 0.0#

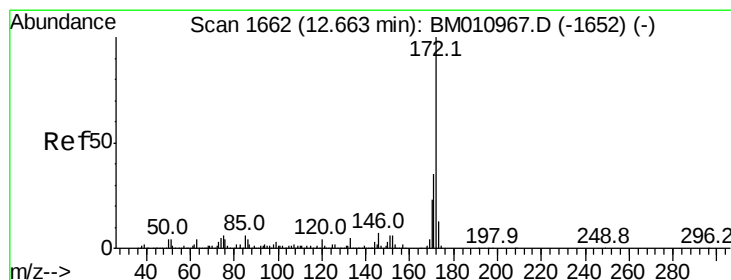
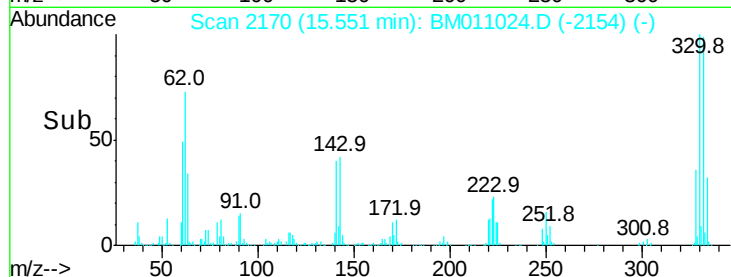
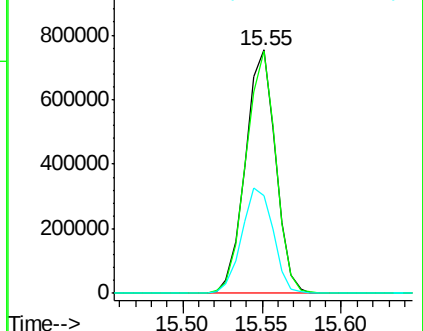
141 45.2 0.0 0.0#



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: 94.873 ng

RT: 12.66 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BM011024.D

Acq: 27 Jul 2017 23:11

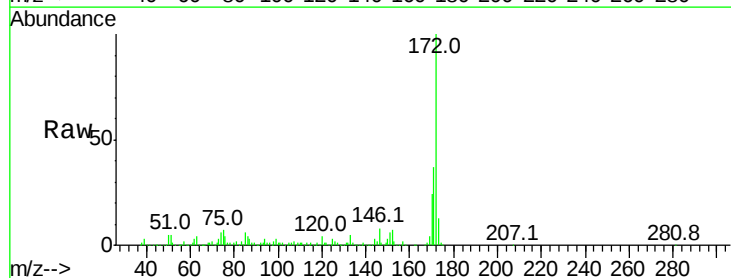
Tgt Ion:172 Resp: 3132588

Ion Ratio Lower Upper

172 100

171 36.6 28.5 42.7

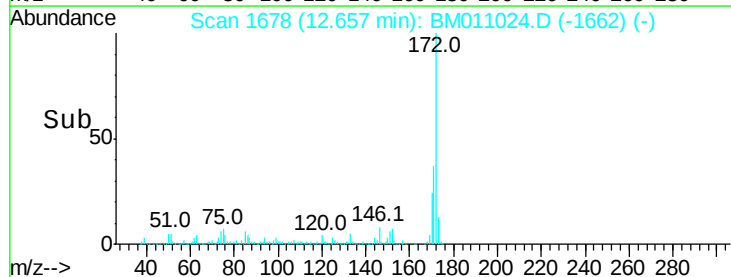
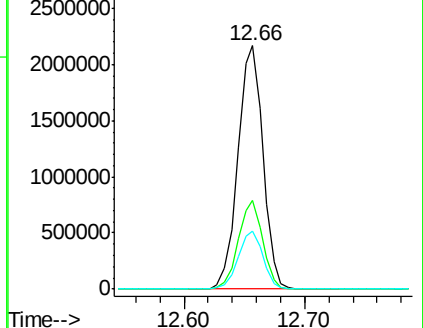
170 23.9 18.8 28.2

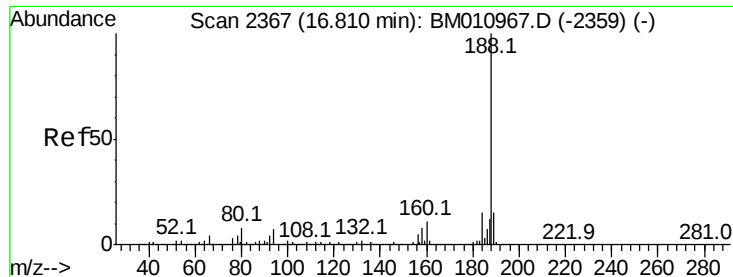


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

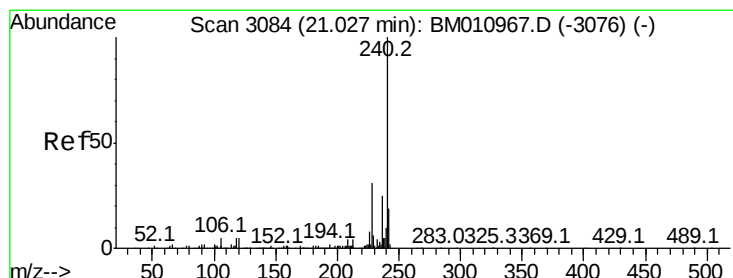
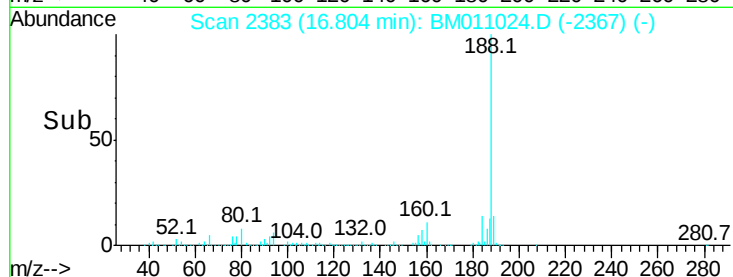
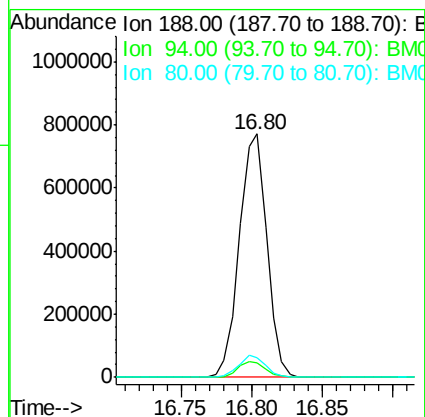
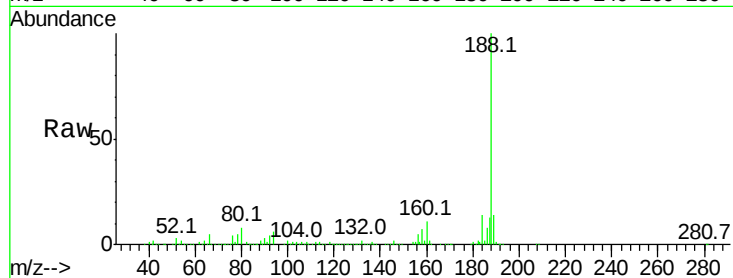




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM011024.D
Acq: 27 Jul 2017 23:11

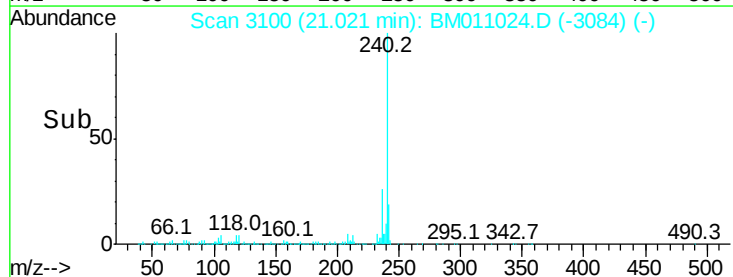
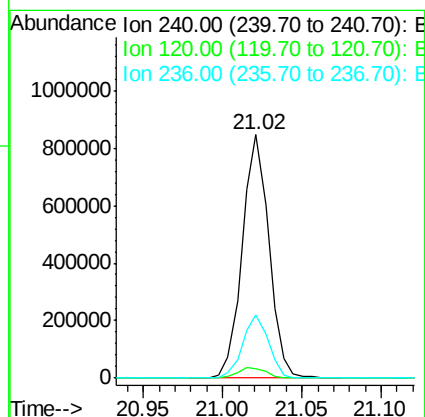
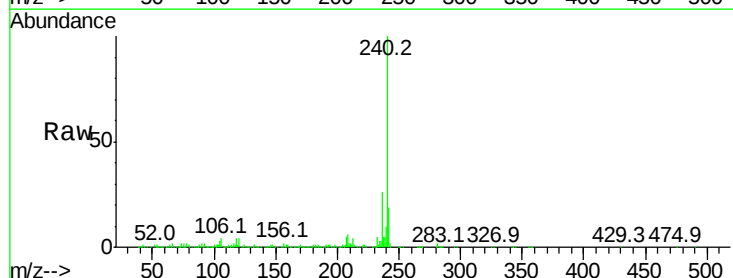
Instrument :
BNA_M
ClientSampleId :
2A-1-2-3-4-5-COMP-(0-10)

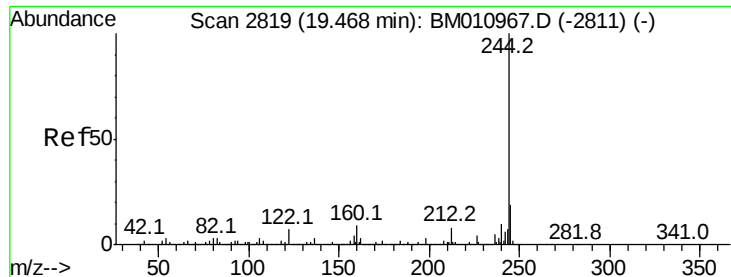
Tot Ion:188 Resp: 1053082
Ion Ratio Lower Upper
188 100
94 6.1 8.7 13.1#
80 8.1 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM011024.D
Acq: 27 Jul 2017 23:11

Tgt Ion:240 Resp: 988675
Ion Ratio Lower Upper
240 100
120 4.1 8.2 12.2#
236 25.9 20.0 30.0





#78

Terphenyl-d14

Concen: 103.847 ng

RT: 19.47 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BM011024.D

Acq: 27 Jul 2017 23:11

Instrument :

BNA_M

ClientSampleId :

2A-1-2-3-4-5-COMP-(0-10)

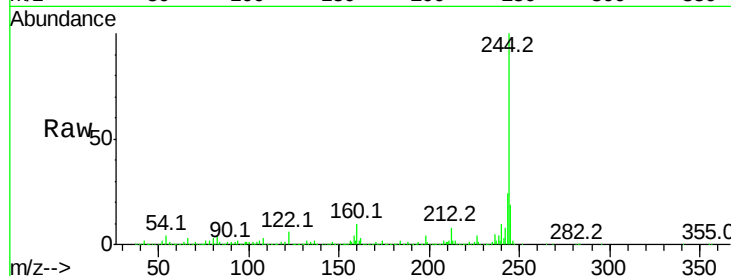
Tot Ion:244 Resp: 5183115

Ion Ratio Lower Upper

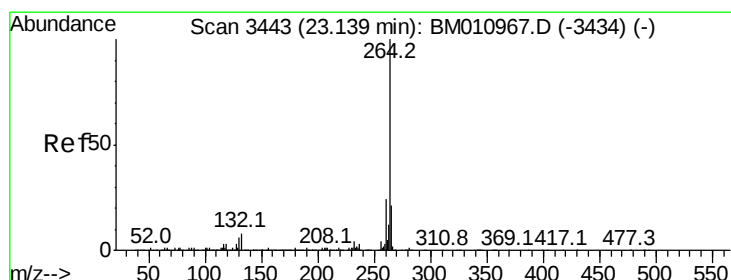
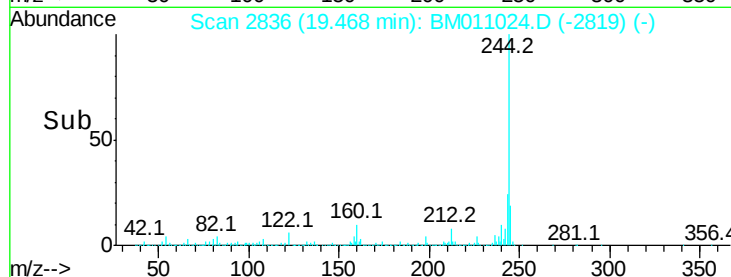
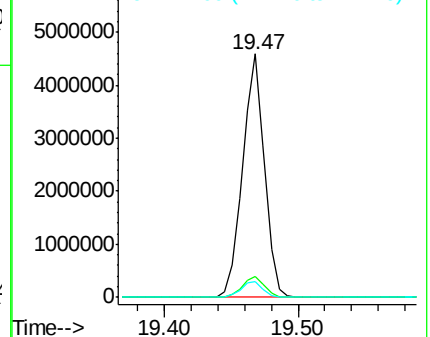
244 100

212 8.4 4.9 7.3#

122 6.3 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: 23.13 min Scan# 3459

Delta R.T. -0.01 min

Lab File: BM011024.D

Acq: 27 Jul 2017 23:11

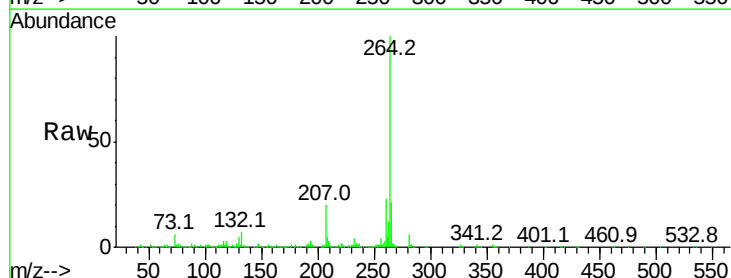
Tgt Ion:264 Resp: 828770

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 21.3 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

