

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072017\
 Data File : BM010930.D
 Acq On : 21 Jul 2017 04:05
 Operator : SJ/JU
 Sample : I4258-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-071817-B

Quant Time: Jul 21 05:42:38 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	7.44	152	177942	20.00	ng	-0.01
21) Naphthalene-d8	10.19	136	657836	20.00	ng	-0.02
38) Acenaphthene-d10	14.09	164	414970	20.00	ng	-0.01
63) Phenanthrene-d10	16.84	188	920722	20.00	ng	-0.01
75) Chrysene-d12	21.06	240	933567	20.00	ng	-0.01
86) Perylene-d12	23.19	264	929686	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1519477	141.45	ng	0.00
7) Phenol-d6	6.63	99	1864298	125.89	ng	0.00
23) Nitrobenzene-d5	8.58	82	1728248	100.98	ng	-0.01
41) 2,4,6-Tribromophenol	15.59	330	911929	143.80	ng	-0.01
44) 2-Fluorobiphenyl	12.70	172	3390204	101.63	ng	-0.01
78) Terphenyl-d14	19.50	244	4268215	88.43	ng	0.00

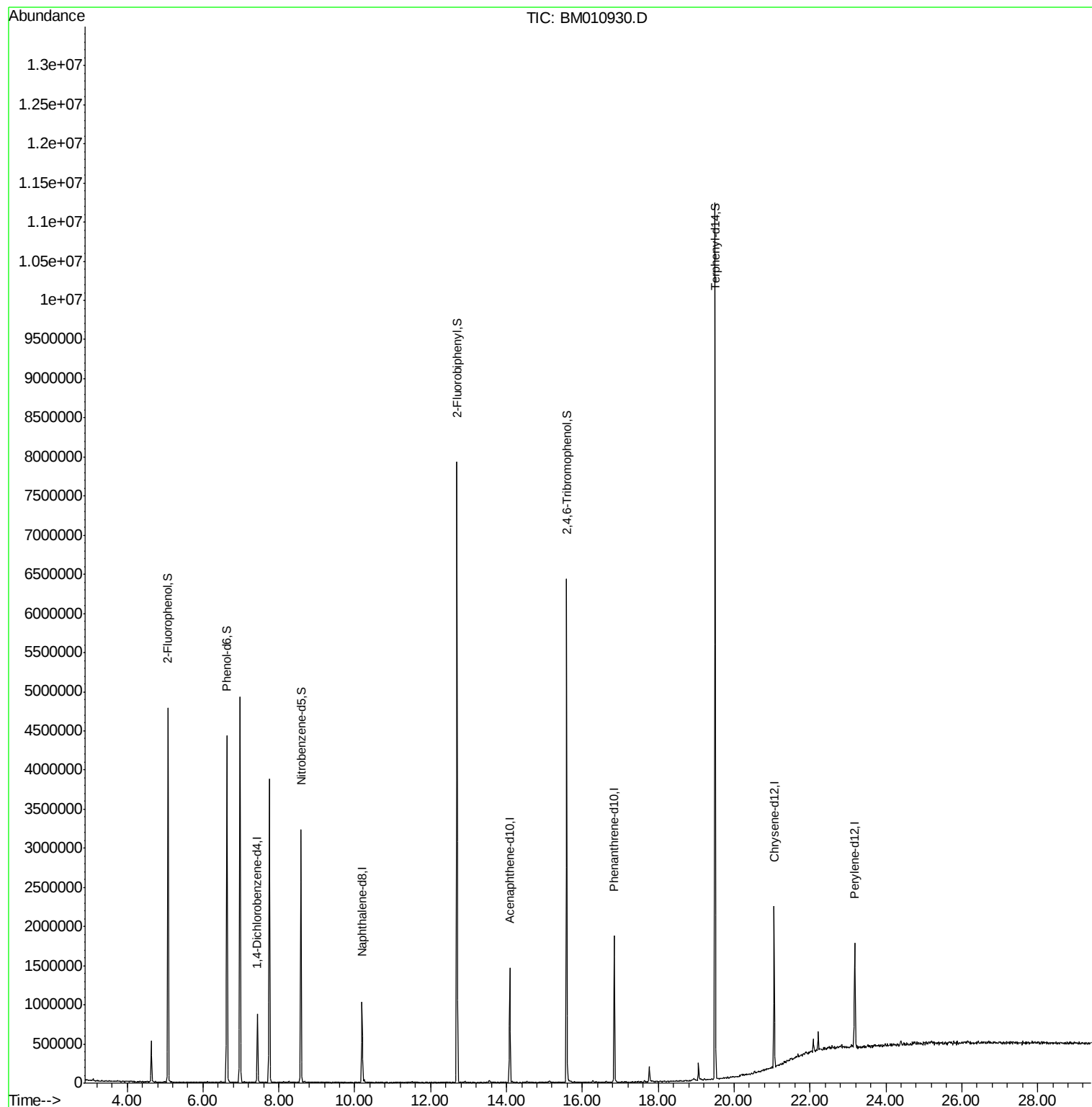
Target Compounds Qvalue

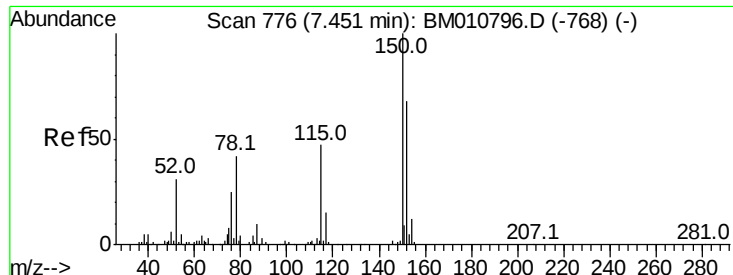
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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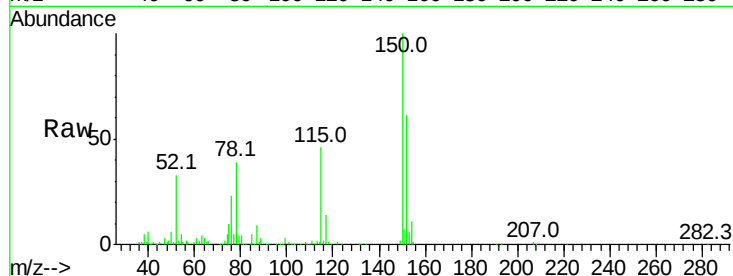


#1

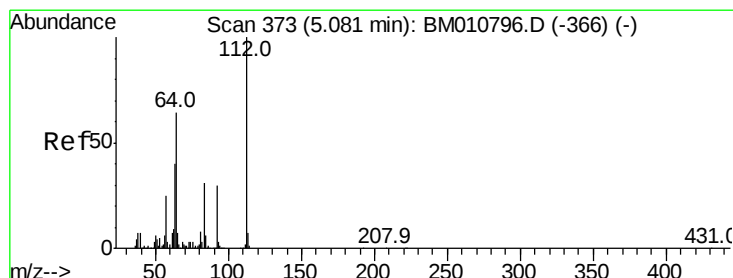
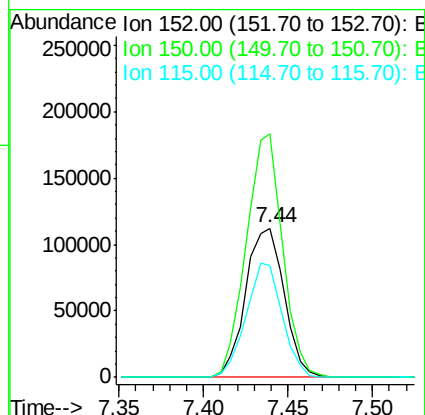
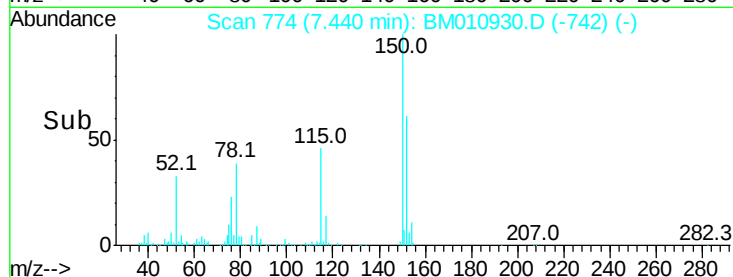
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010930.D
Acq: 21 Jul 2017 04:05

Instrument :
BNA_M
ClientSampleId :
OK-02-071817-B

Tot Ion:152 Resp: 177942
Ion Ratio Lower Upper
152 100
150 162.9 119.5 179.3
115 75.0 43.0 64.4#



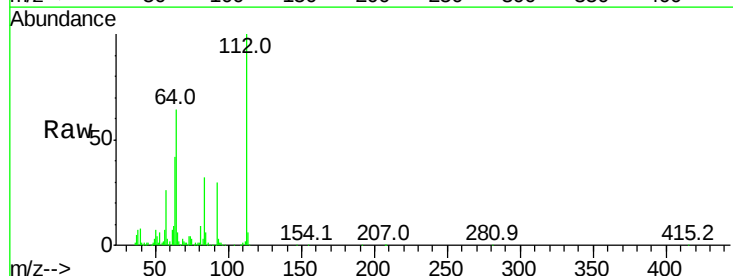
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



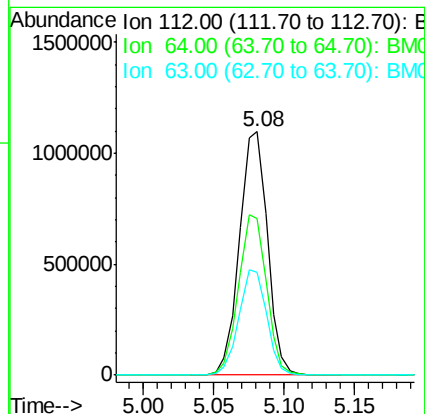
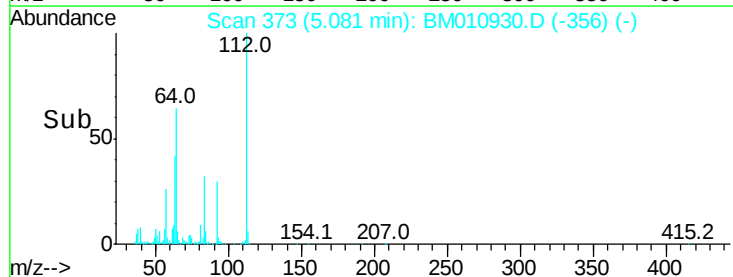
#5

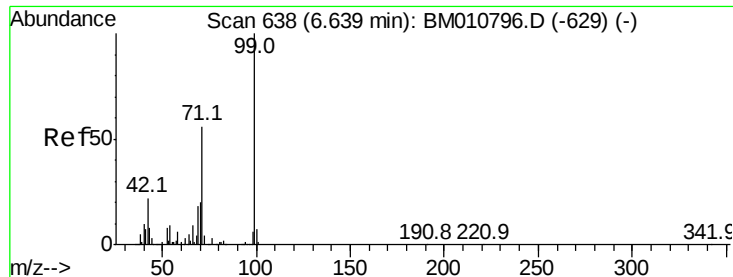
2-Fluorophenol
Concen: 141.451 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010930.D
Acq: 21 Jul 2017 04:05

Tgt Ion:112 Resp: 1519477
Ion Ratio Lower Upper
112 100
64 64.5 38.6 57.8#
63 42.0 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: 125.890 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010930.D

Acq: 21 Jul 2017 04:05

Instrument :

BNA_M

ClientSampleId :

OK-02-071817-B

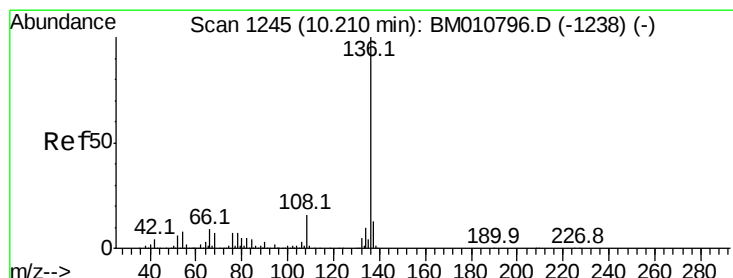
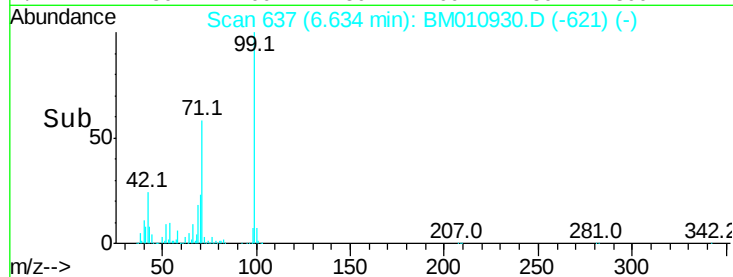
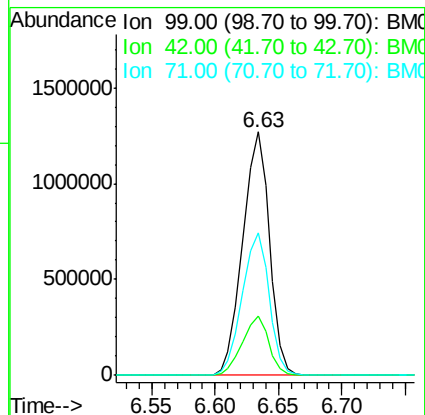
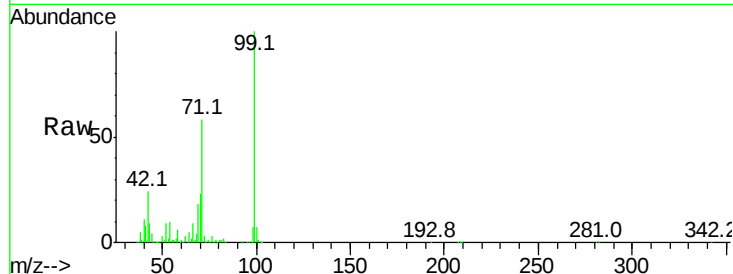
Tot Ion: 99 Resp: 1864298

Ion Ratio Lower Upper

99 100

42 24.4 11.0 16.4#

71 58.4 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.19 min Scan# 1242

Delta R.T. -0.02 min

Lab File: BM010930.D

Acq: 21 Jul 2017 04:05

Tgt Ion: 136 Resp: 657836

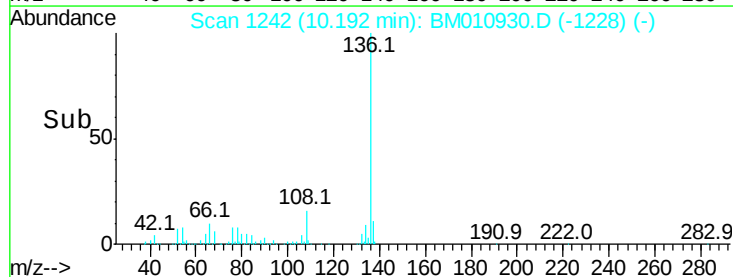
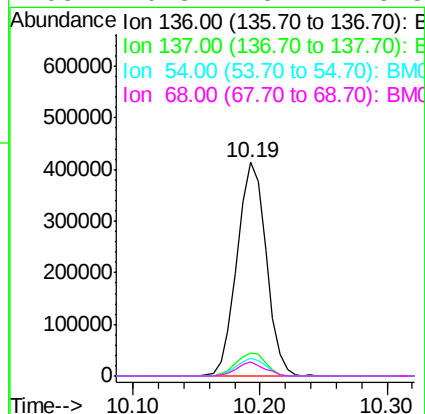
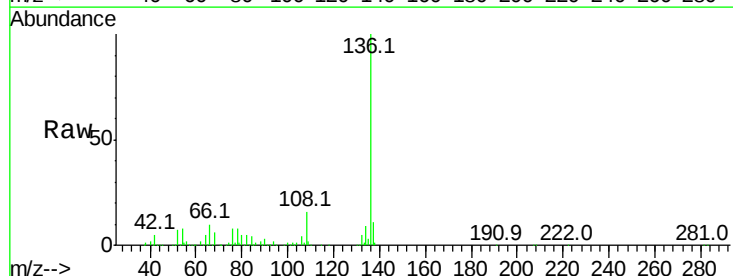
Ion Ratio Lower Upper

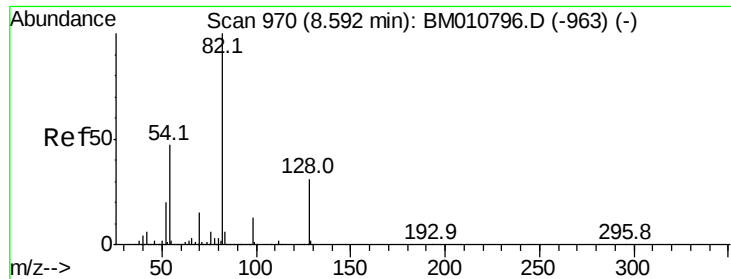
136 100

137 10.8 8.7 13.1

54 8.5 4.6 6.8#

68 6.3 3.7 5.5#

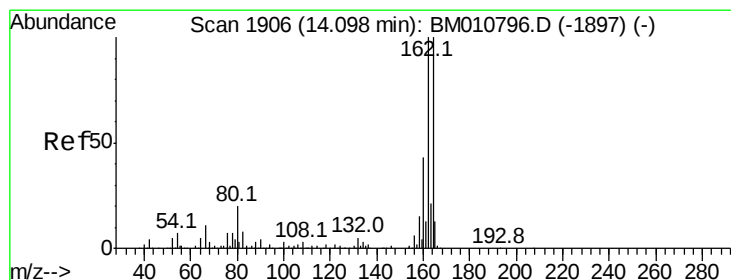
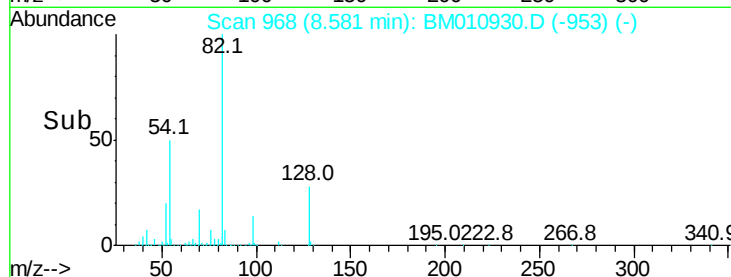
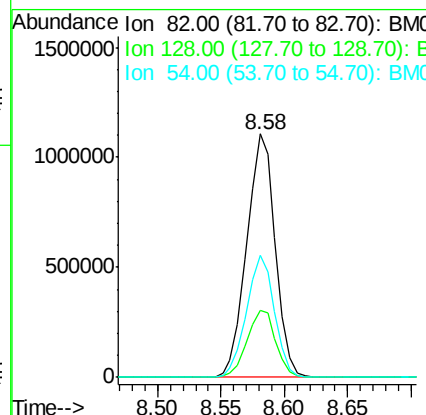
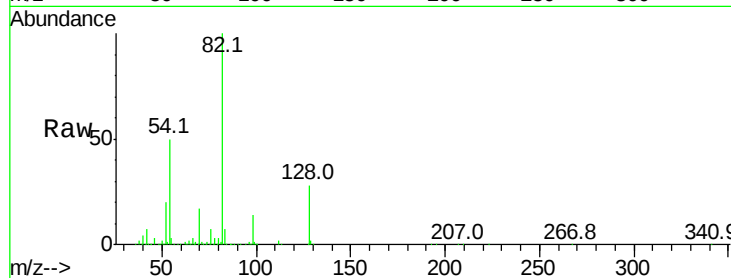




#23
 Nitrobenzene-d5
 Concen: 100.982 ng
 RT: 8.58 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM010930.D
 Acq: 21 Jul 2017 04:05

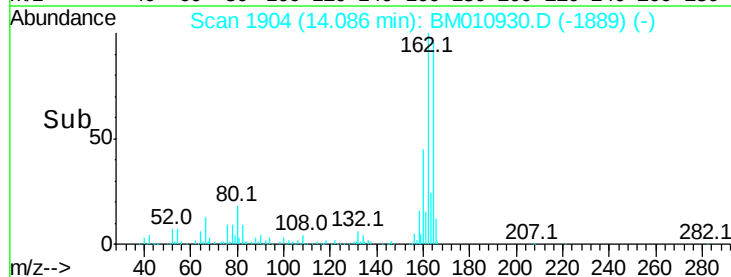
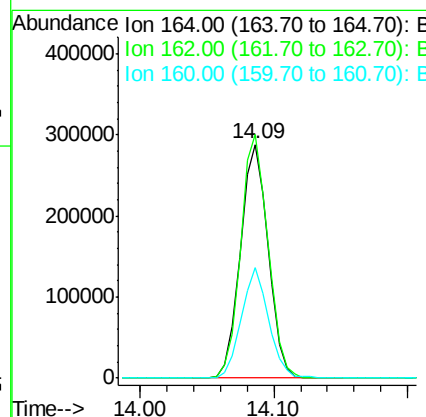
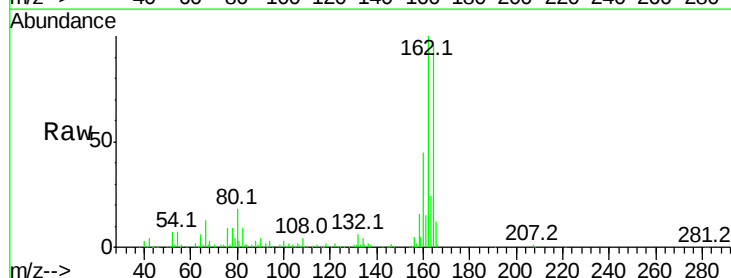
Instrument :
 BNA_M
 ClientSampleId :
 OK-02-071817-B

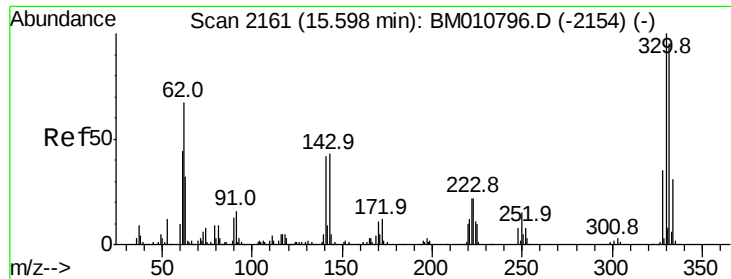
Tot Ion: 82 Resp: 1728248
 Ion Ratio Lower Upper
 82 100
 128 27.7 32.8 49.2#
 54 50.1 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.09 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BM010930.D
 Acq: 21 Jul 2017 04:05

Tgt Ion: 164 Resp: 414970
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.4 123.6
 160 47.4 35.8 53.6

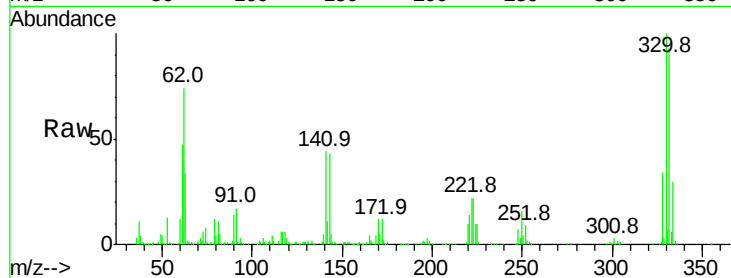




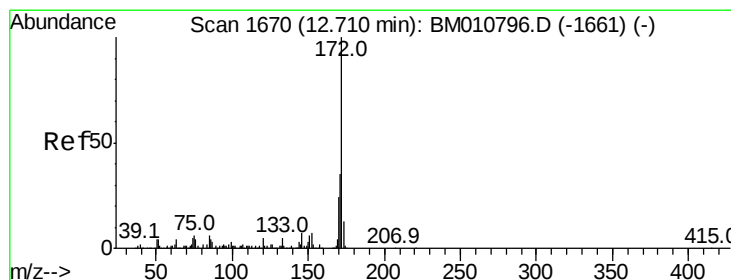
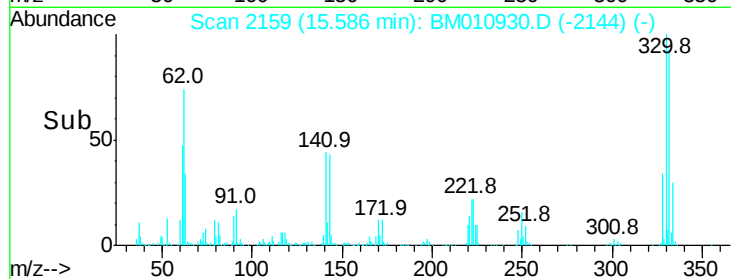
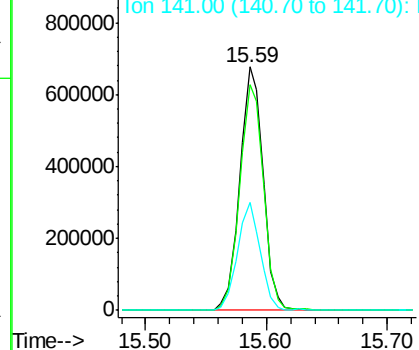
#41
 2,4,6-Tribromophenol
 Concen: 143.803 ng
 RT: 15.59 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BM010930.D
 Acq: 21 Jul 2017 04:05

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-071817-B

Tot Ion:330 Resp: 911929
 Ion Ratio Lower Upper
 330 100
 332 94.7 0.0 0.0#
 141 43.3 0.0 0.0#

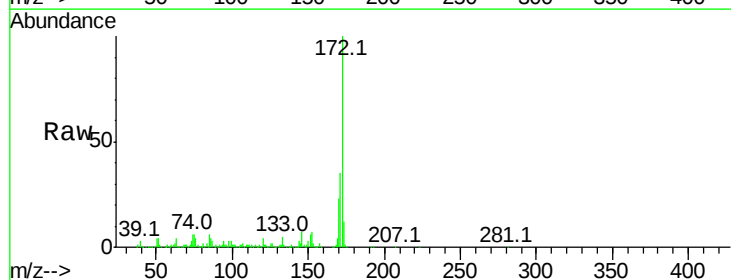


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

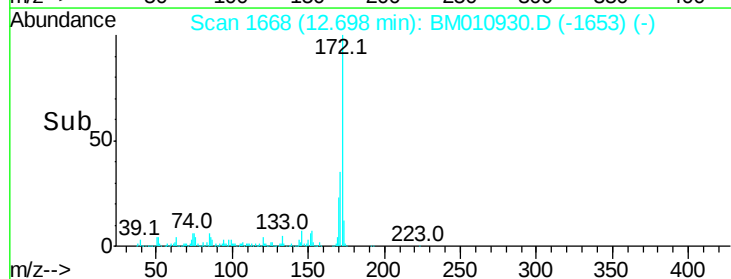
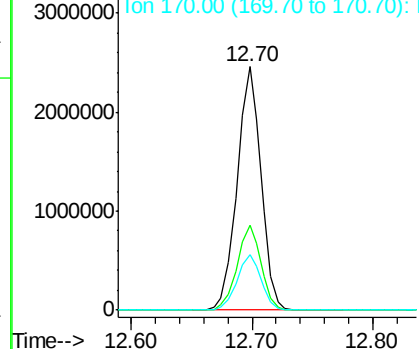


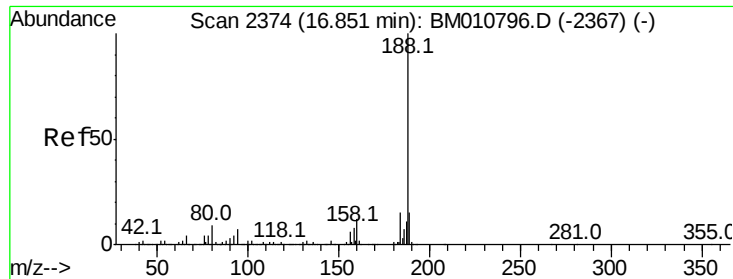
#44
 2-Fluorobiphenyl
 Concen: 101.634 ng
 RT: 12.70 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM010930.D
 Acq: 21 Jul 2017 04:05

Tgt Ion:172 Resp: 3390204
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 23.0 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: 16.84 min Scan# 2372

Delta R.T. -0.01 min

Lab File: BM010930.D

Acq: 21 Jul 2017 04:05

Instrument :

BNA_M

ClientSampleId :

OK-02-071817-B

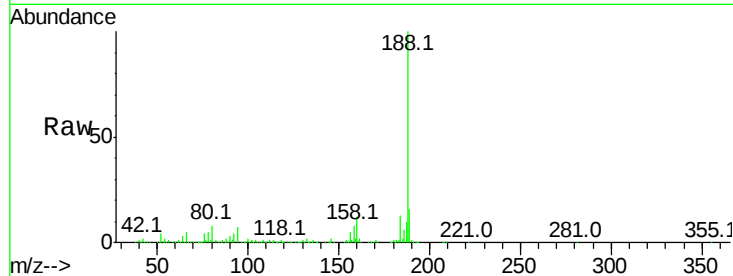
Tot Ion:188 Resp: 920722

Ion Ratio Lower Upper

188 100

94 7.4 8.7 13.1#

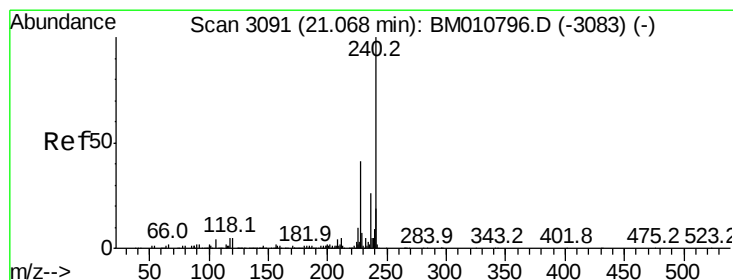
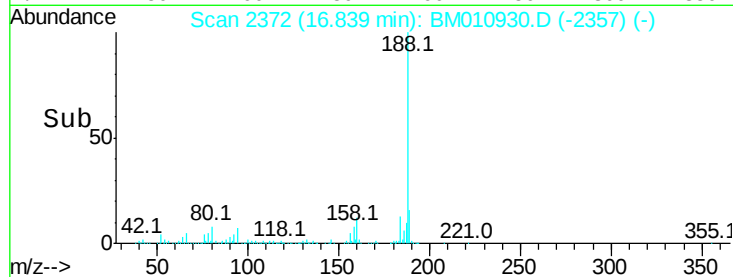
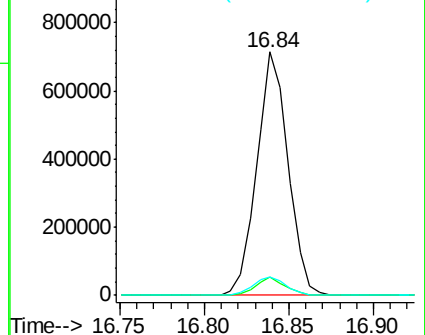
80 7.6 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.06 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM010930.D

Acq: 21 Jul 2017 04:05

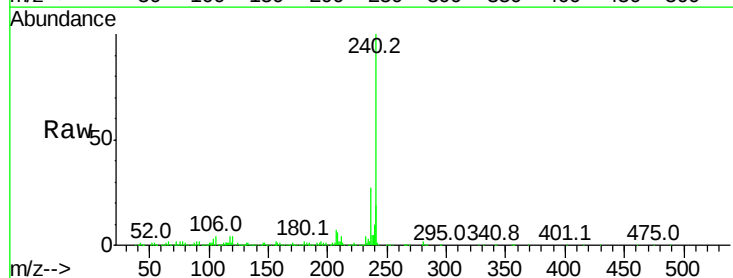
Tgt Ion:240 Resp: 933567

Ion Ratio Lower Upper

240 100

120 4.4 8.2 12.2#

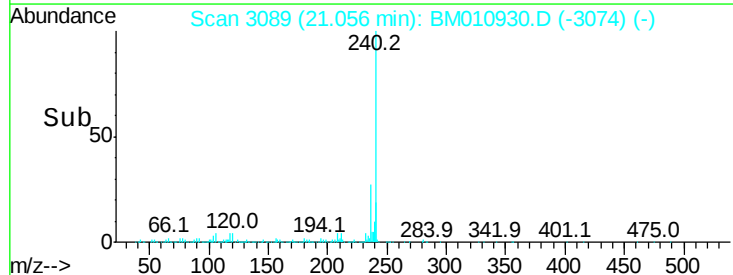
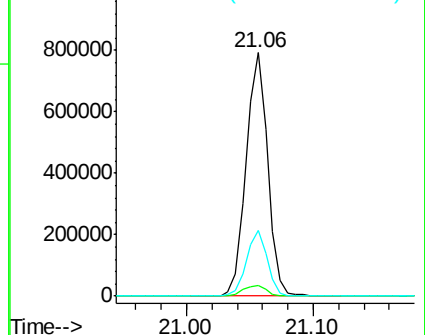
236 27.1 20.0 30.0

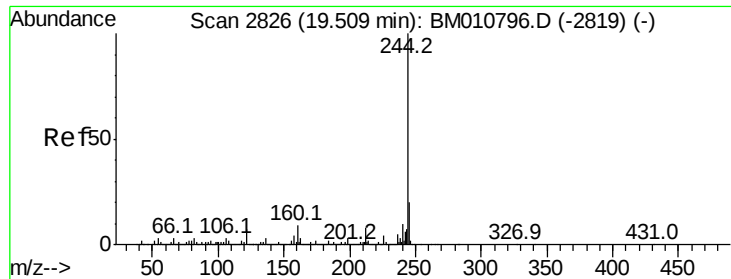


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.426 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM010930.D

Acq: 21 Jul 2017 04:05

Instrument :

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ClientSampleId :

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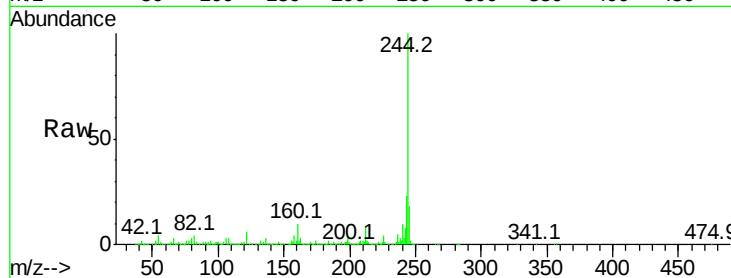
Tot Ion:244 Resp: 4268215

Ion Ratio Lower Upper

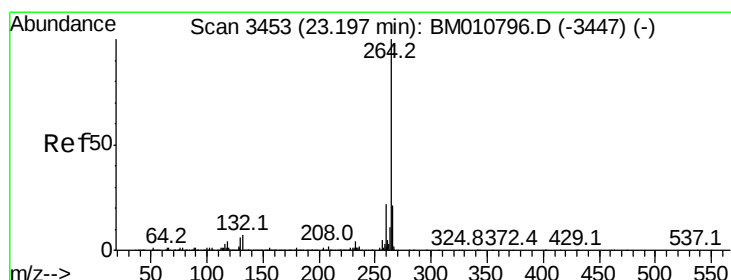
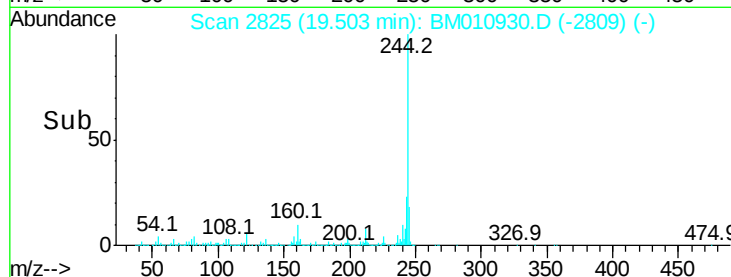
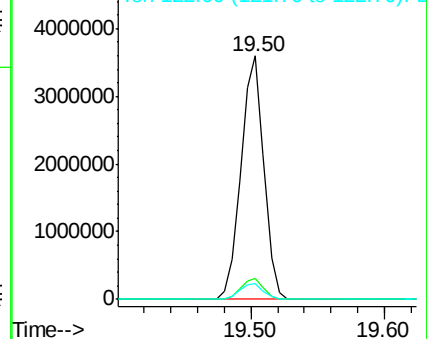
244 100

212 8.4 4.9 7.3#

122 6.4 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: 23.19 min Scan# 3451

Delta R.T. -0.01 min

Lab File: BM010930.D

Acq: 21 Jul 2017 04:05

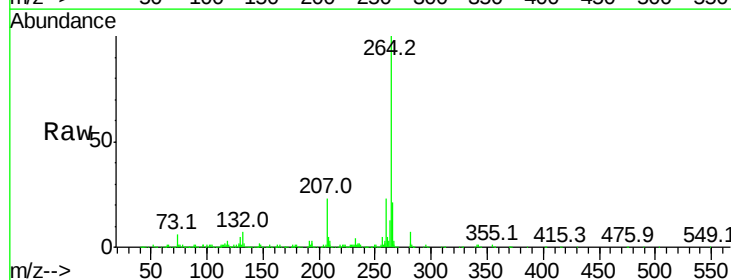
Tgt Ion:264 Resp: 929686

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 20.8 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

