

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071317\
 Data File : BM010827.D
 Acq On : 13 Jul 2017 23:58
 Operator : SJ/JU
 Sample : I4148-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 POLE-1-2-3-4-COMP

Quant Time: Jul 14 01:28:57 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	7.45	152	190712	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	665983	20.00	ng	0.00
38) Acenaphthene-d10	14.09	164	408111	20.00	ng	0.00
63) Phenanthrene-d10	16.85	188	907091	20.00	ng	0.00
75) Chrysene-d12	21.06	240	930706	20.00	ng	0.00
86) Perylene-d12	23.20	264	904936	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	1467606	127.47	ng	0.00
7) Phenol-d6	6.64	99	1731075	109.07	ng	0.00
23) Nitrobenzene-d5	8.59	82	1596489	92.14	ng	0.00
41) 2,4,6-Tribromophenol	15.60	330	839079	134.54	ng	0.00
44) 2-Fluorobiphenyl	12.71	172	3069166	93.56	ng	0.00
78) Terphenyl-d14	19.51	244	4101423	85.23	ng	0.00

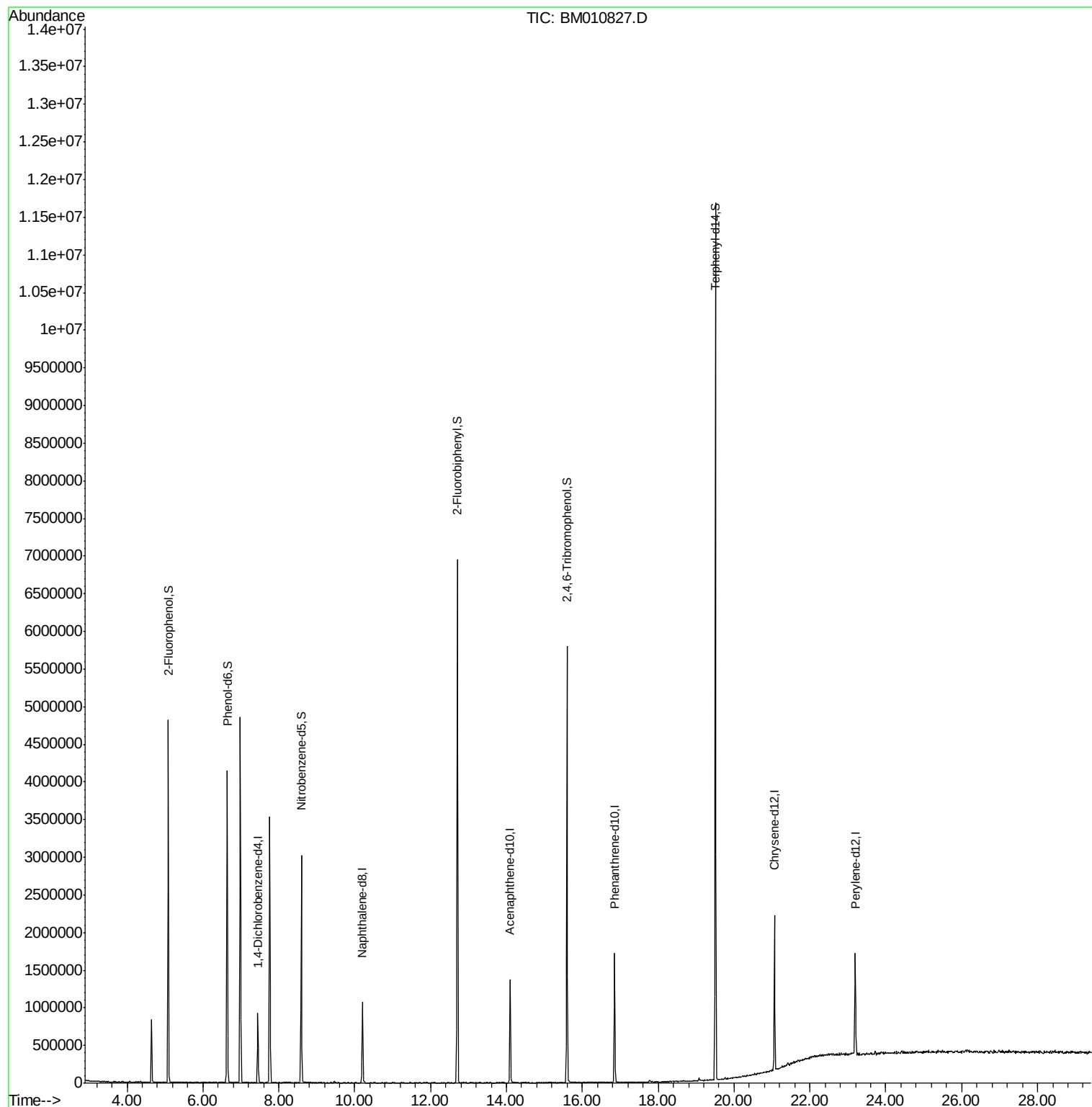
Target Compounds	Qvalue
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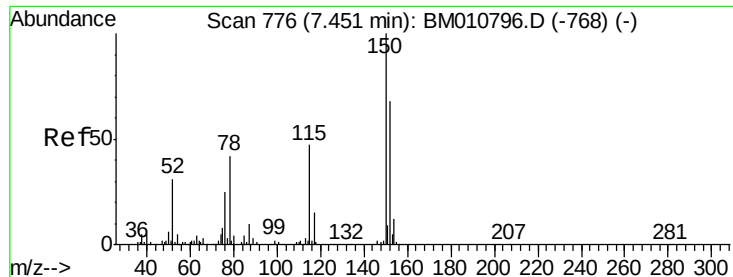
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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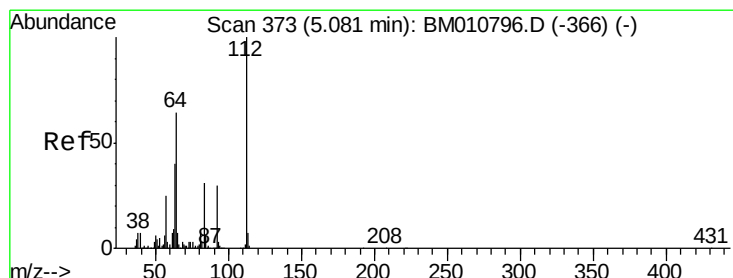
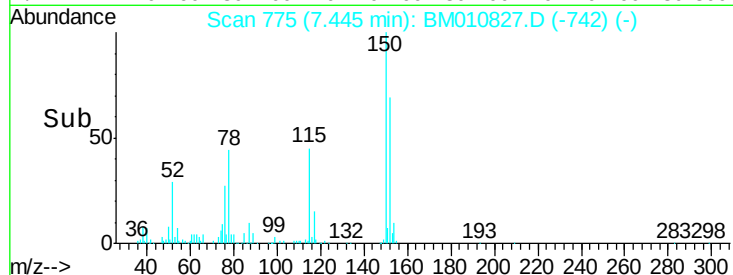
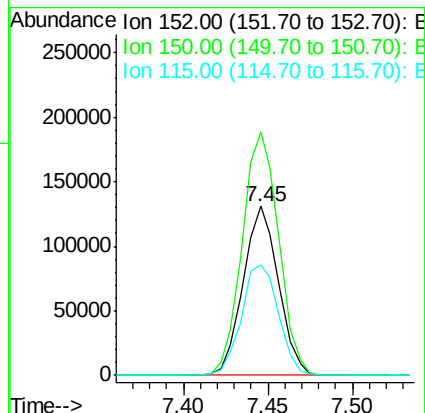
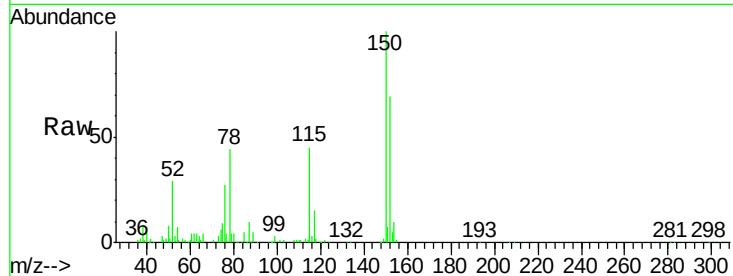


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.01 min
Lab File: BM010827.D
Acq: 13 Jul 2017 23:58

Instrument :
BNA_M
ClientSampleId :
POLE-1-2-3-4-COMP

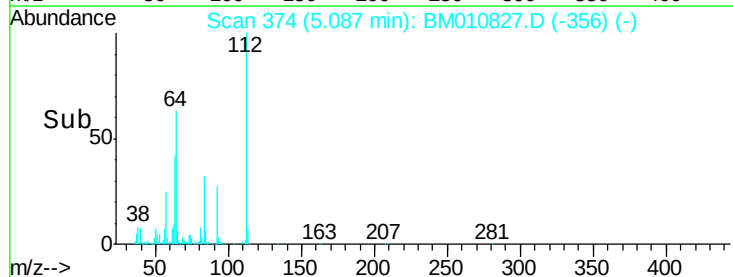
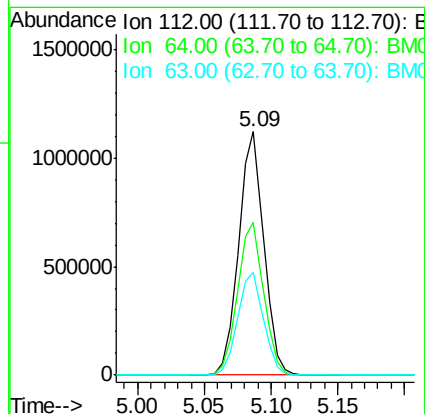
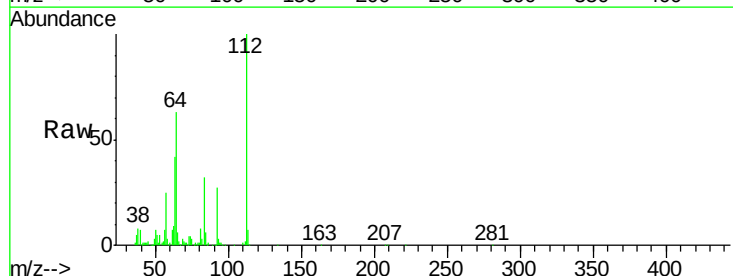
Tgt Ion:152 Resp: 190712
Ion Ratio Lower Upper
152 100
150 144.1 119.5 179.3
115 65.4 43.0 64.4#

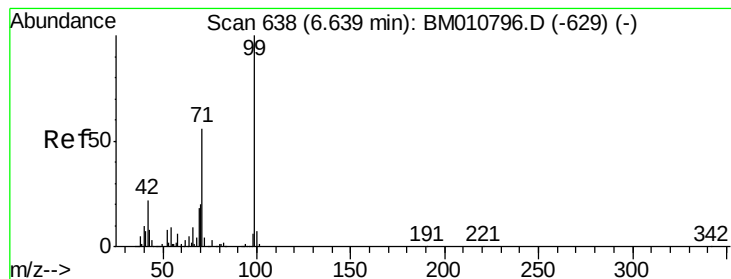


#5

2-Fluorophenol
Concen: 127.474 ng
RT: 5.09 min Scan# 374
Delta R.T. 0.01 min
Lab File: BM010827.D
Acq: 13 Jul 2017 23:58

Tgt Ion:112 Resp: 1467606
Ion Ratio Lower Upper
112 100
64 62.8 38.6 57.8#
63 42.2 19.3 28.9#





#7

Phenol-d6

Concen: 109.067 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010827.D

Acq: 13 Jul 2017 23:58

Instrument :

BNA_M

ClientSampleId :

POLE-1-2-3-4-COMP

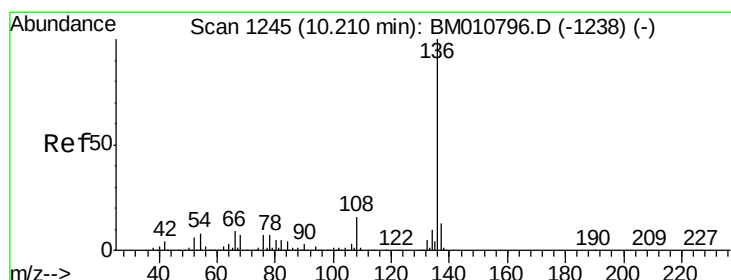
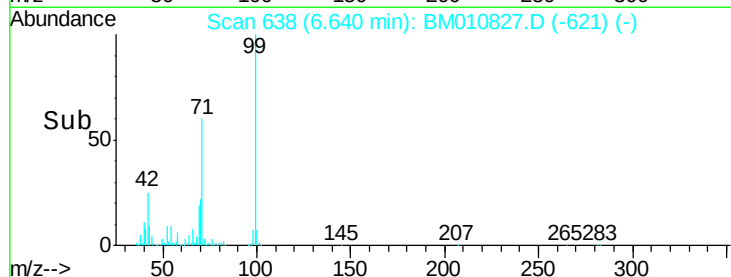
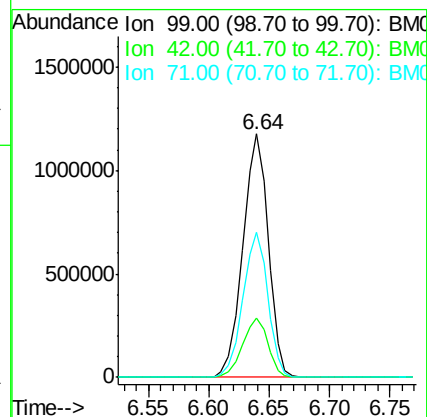
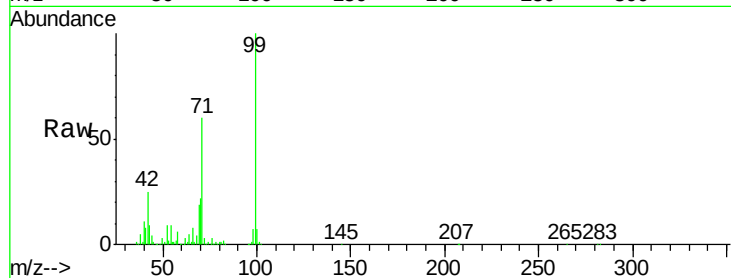
Tgt Ion: 99 Resp: 1731075

Ion Ratio Lower Upper

99 100

42 24.6 11.0 16.4#

71 59.8 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BM010827.D

Acq: 13 Jul 2017 23:58

Tgt Ion: 136 Resp: 665983

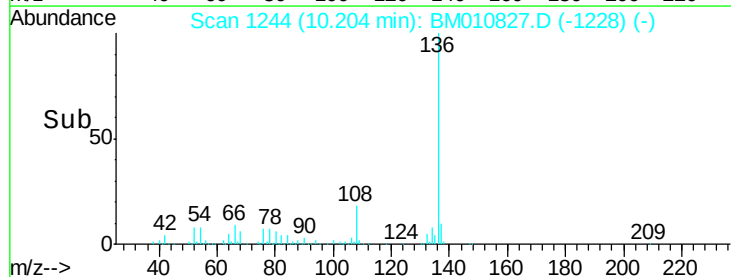
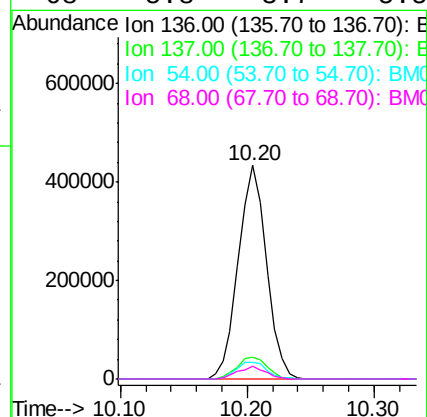
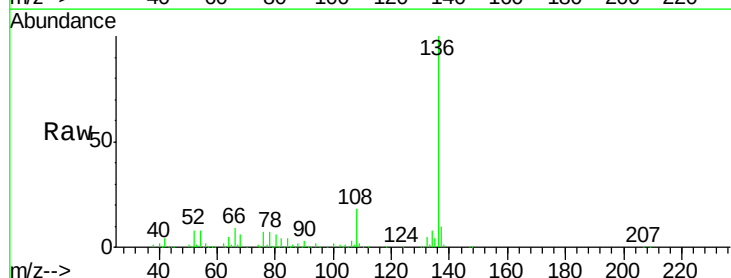
Ion Ratio Lower Upper

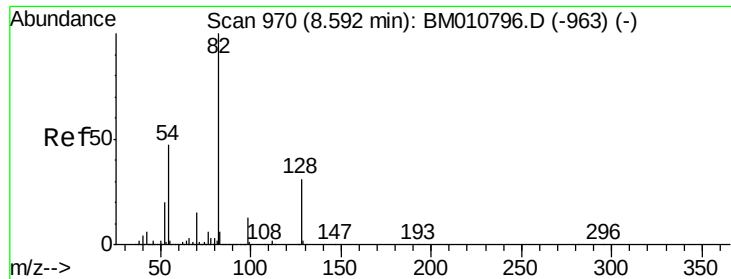
136 100

137 10.4 8.7 13.1

54 7.7 4.6 6.8#

68 5.8 3.7 5.5#

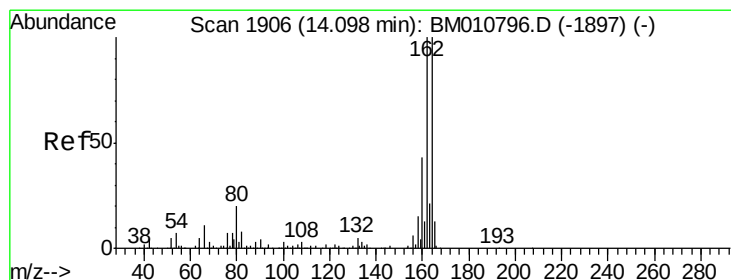
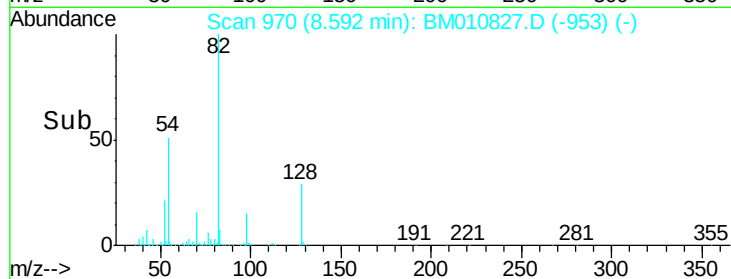
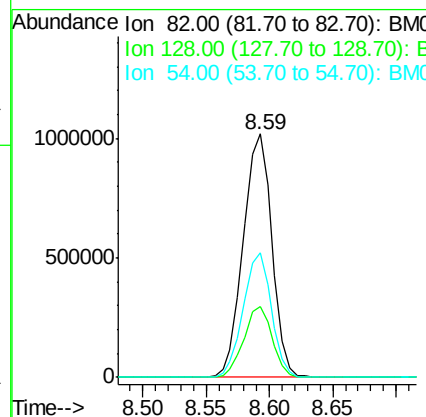
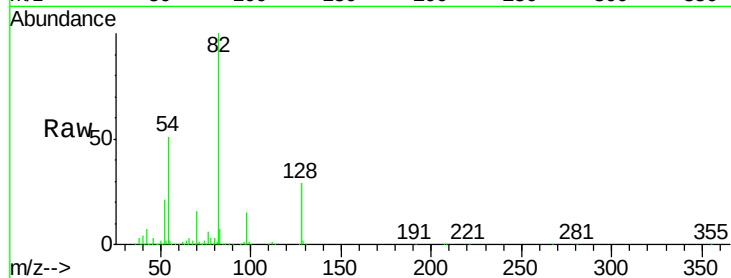




#23
 Nitrobenzene-d5
 Concen: 92.142 ng
 RT: 8.59 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BM010827.D
 Acq: 13 Jul 2017 23:58

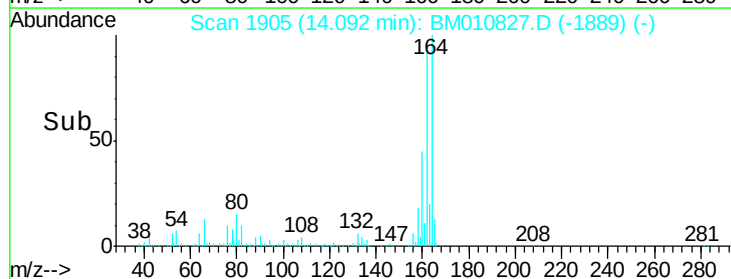
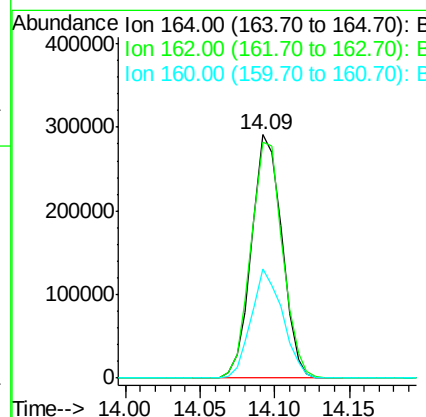
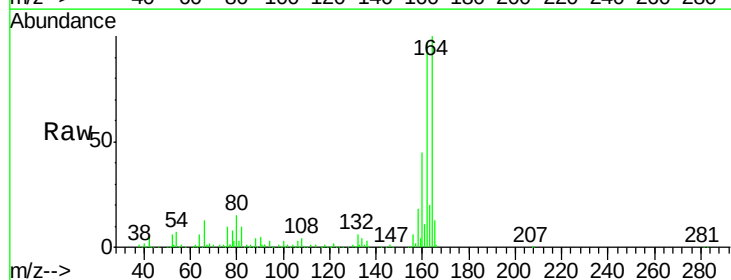
Instrument :
 BNA_M
 ClientSampleId :
 POLE-1-2-3-4-COMP

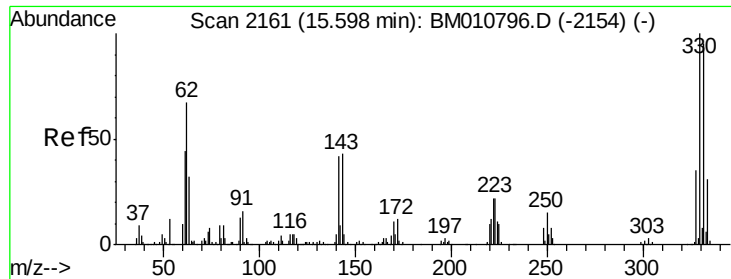
Tgt Ion: 82 Resp: 1596489
 Ion Ratio Lower Upper
 82 100
 128 29.1 32.8 49.2#
 54 50.9 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.09 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BM010827.D
 Acq: 13 Jul 2017 23:58

Tgt Ion: 164 Resp: 408111
 Ion Ratio Lower Upper
 164 100
 162 96.7 82.4 123.6
 160 44.9 35.8 53.6

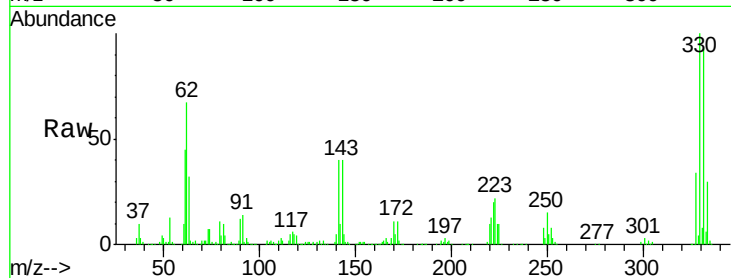




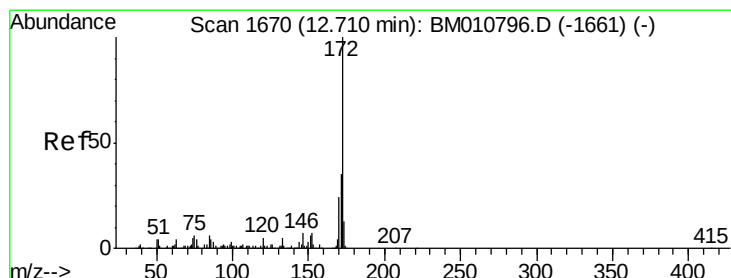
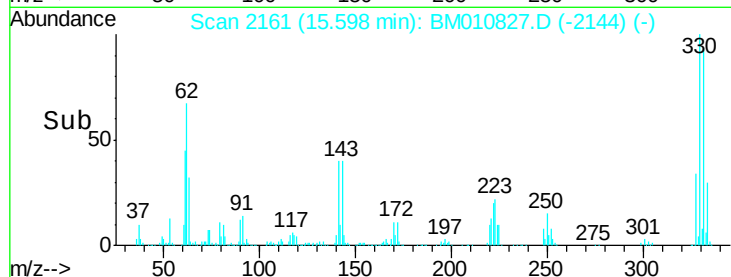
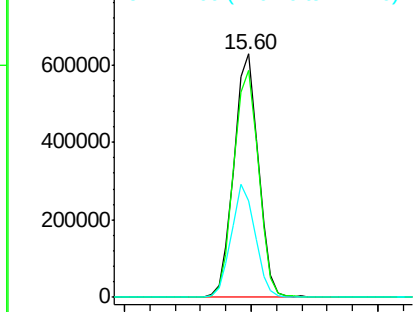
#41
 2,4,6-Tribromophenol
 Concen: 134.539 ng
 RT: 15.60 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BM010827.D
 Acq: 13 Jul 2017 23:58

Instrument :
 BNA_M
 ClientSampleId :
 POLE-1-2-3-4-COMP

Tgt Ion:330 Resp: 839079
 Ion Ratio Lower Upper
 330 100
 332 94.8 0.0 0.0#
 141 45.1 0.0 0.0#

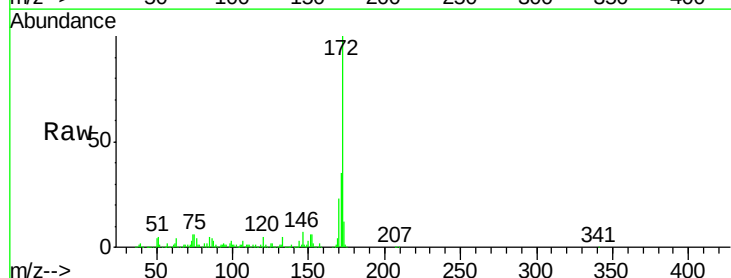


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

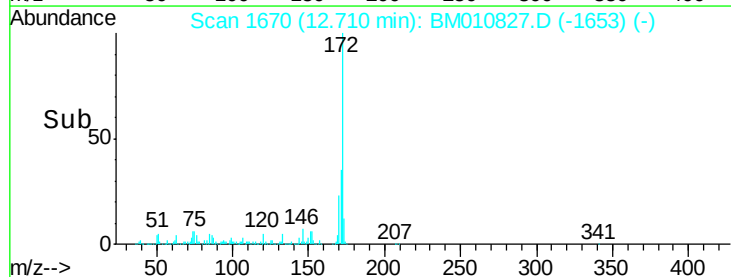
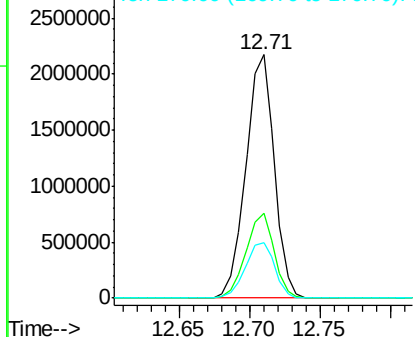


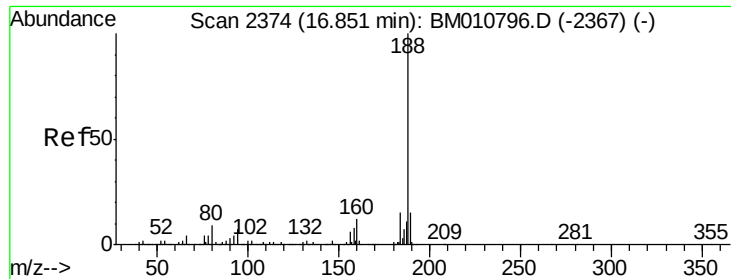
#44
 2-Fluorobiphenyl
 Concen: 93.556 ng
 RT: 12.71 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BM010827.D
 Acq: 13 Jul 2017 23:58

Tgt Ion:172 Resp: 3069166
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 22.8 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

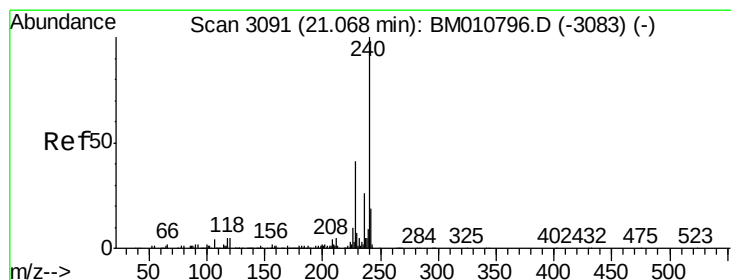
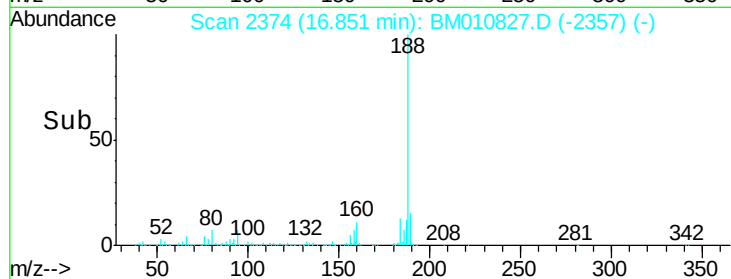
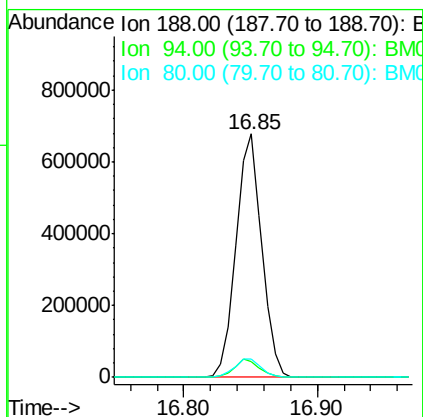
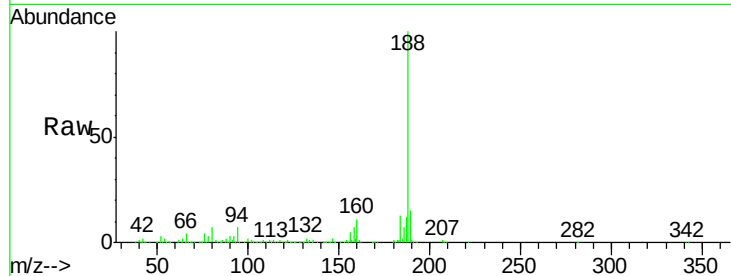




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.85 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BM010827.D
Acq: 13 Jul 2017 23:58

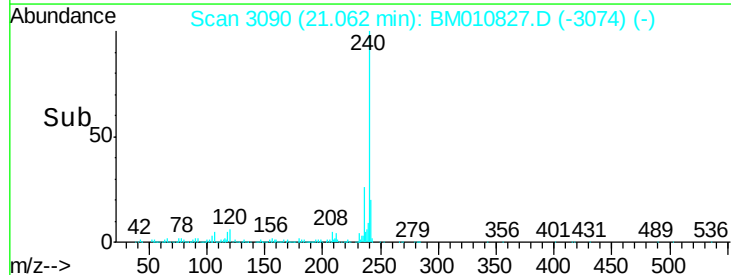
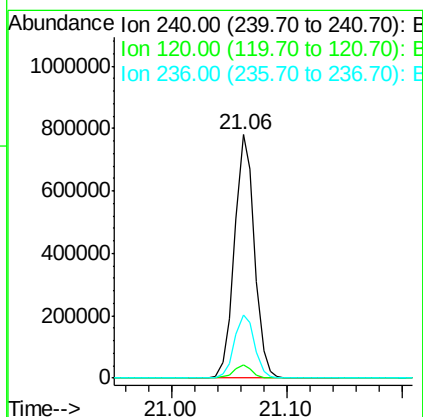
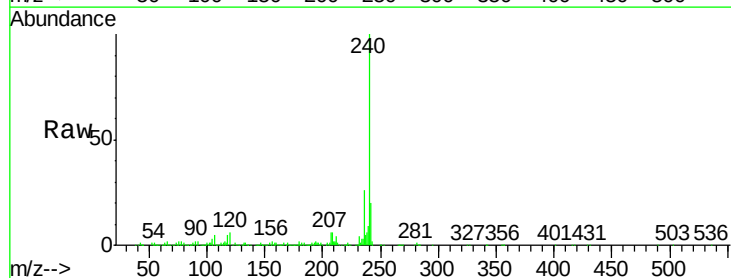
Instrument :
BNA_M
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POLE-1-2-3-4-COMP

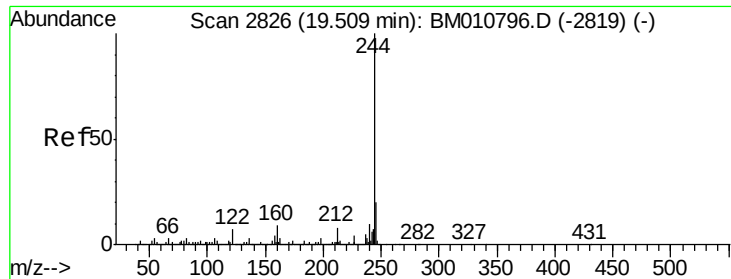
Tgt Ion:188 Resp: 907091
Ion Ratio Lower Upper
188 100
94 6.5 8.7 13.1#
80 7.3 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010827.D
Acq: 13 Jul 2017 23:58

Tgt Ion:240 Resp: 930706
Ion Ratio Lower Upper
240 100
120 5.6 8.2 12.2#
236 26.1 20.0 30.0





#78

Terphenyl-d14

Concen: 85.232 ng

RT: 19.51 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM010827.D

Acq: 13 Jul 2017 23:58

Instrument :

BNA_M

ClientSampleId :

POLE-1-2-3-4-COMP

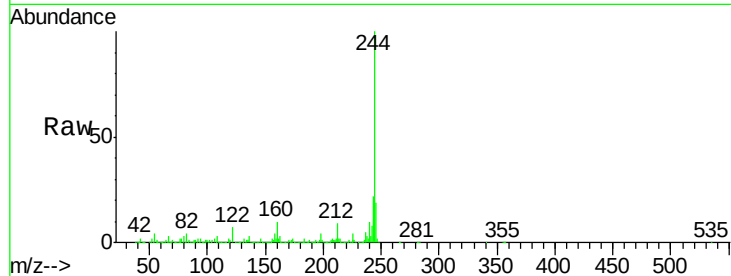
Tgt Ion:244 Resp: 4101423

Ion Ratio Lower Upper

244 100

212 8.7 4.9 7.3#

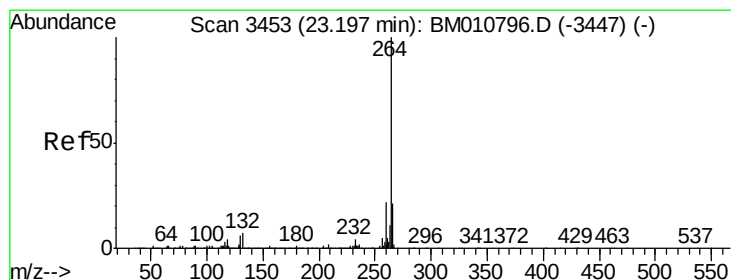
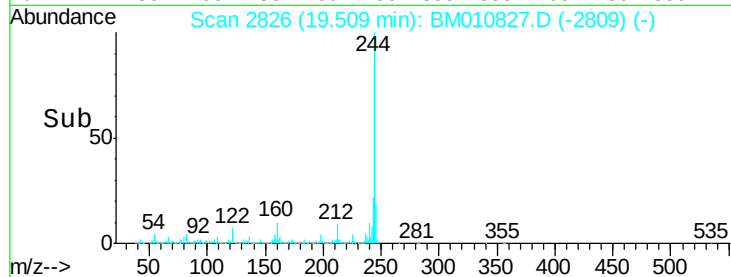
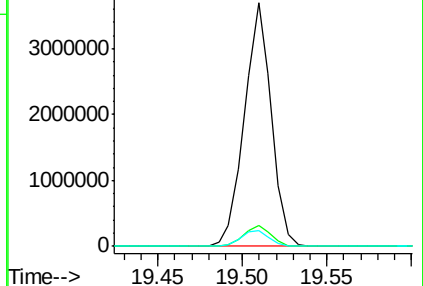
122 6.6 6.2 9.4



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: 23.20 min Scan# 3453

Delta R.T. 0.00 min

Lab File: BM010827.D

Acq: 13 Jul 2017 23:58

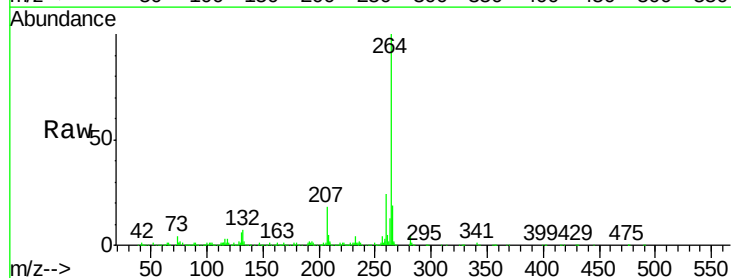
Tgt Ion:264 Resp: 904936

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 19.0 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

