

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

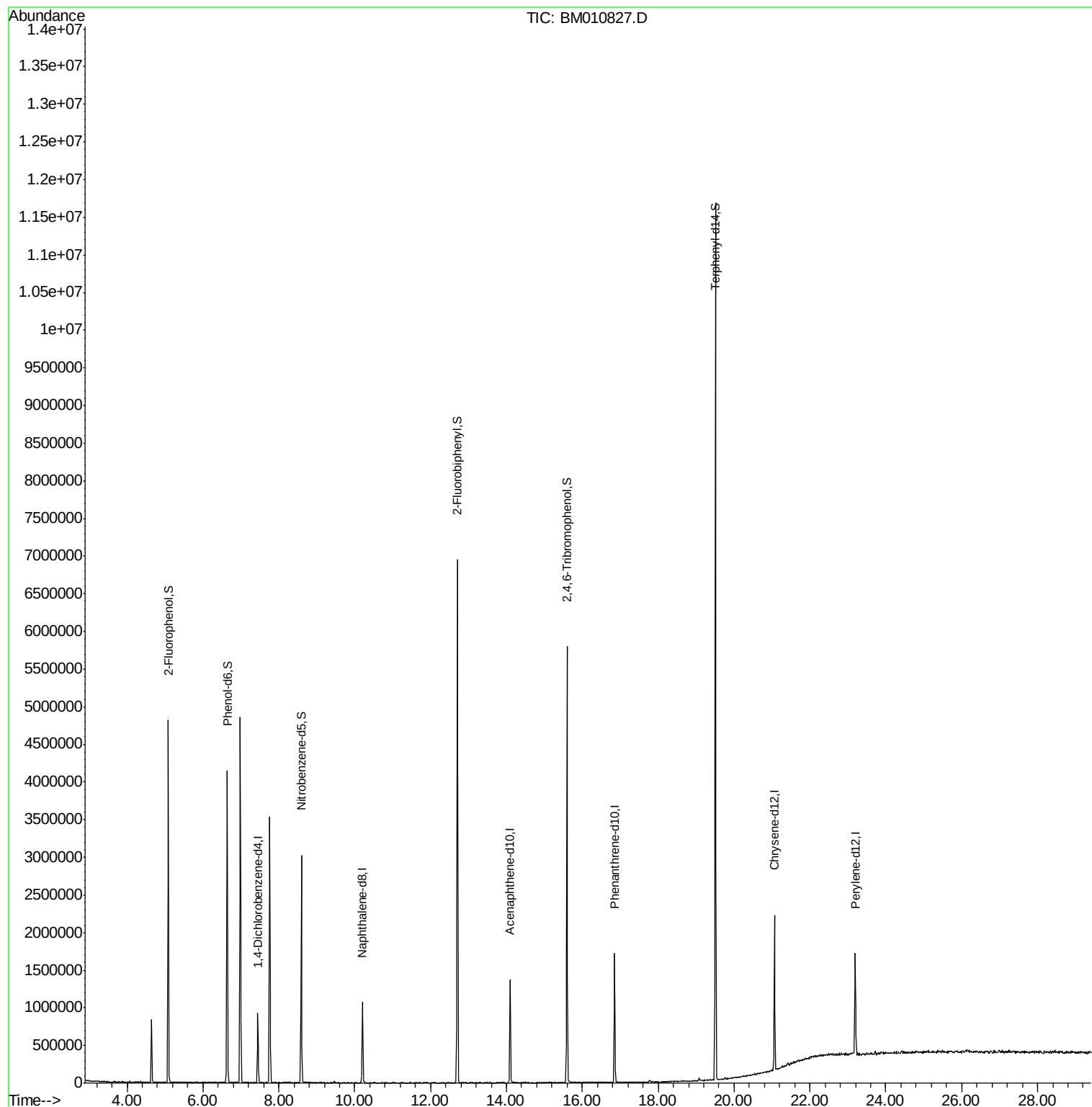
Target Compounds Qvalue

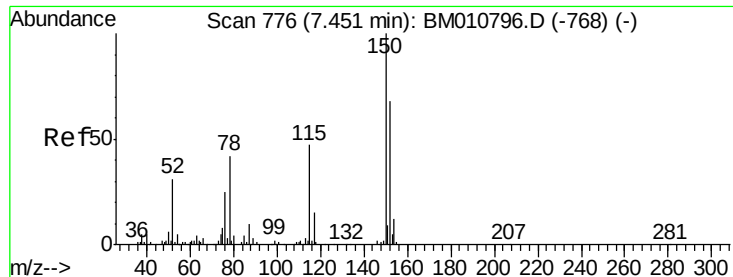
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 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

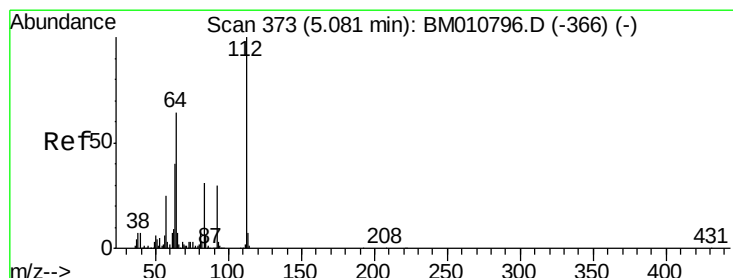
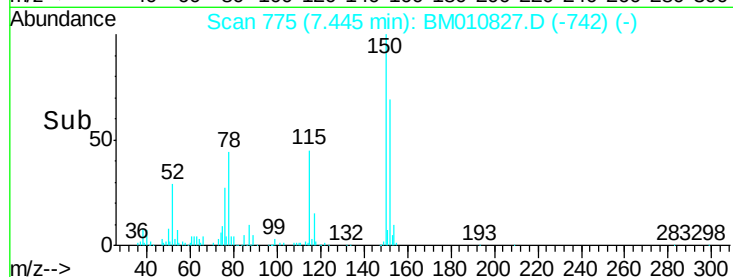
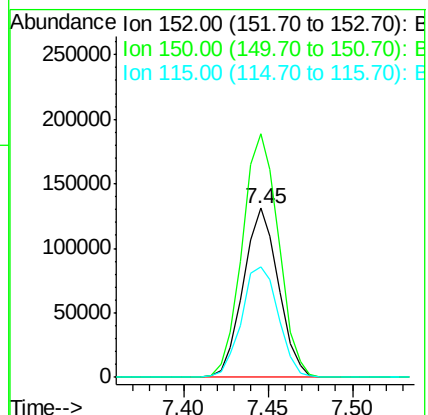
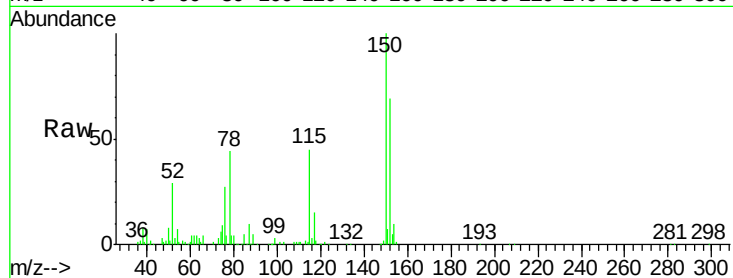
Tot Ion:152 Resp: 190712

Ion Ratio Lower Upper

152 100

150 144.1 119.5 179.3

115 65.4 43.0 64.4#



#5

2-Fluorophenol

Concen: 127.47 ng

RT: 5.09 min Scan# 374

Delta R.T. 0.01 min

Lab File: BM010827.D

Acq: 13 Jul 2017 23:58

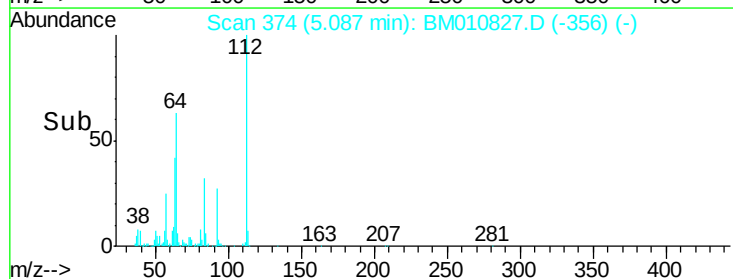
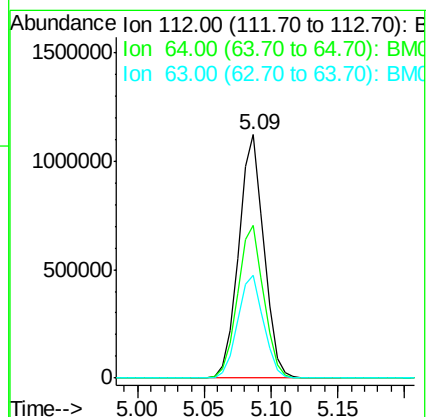
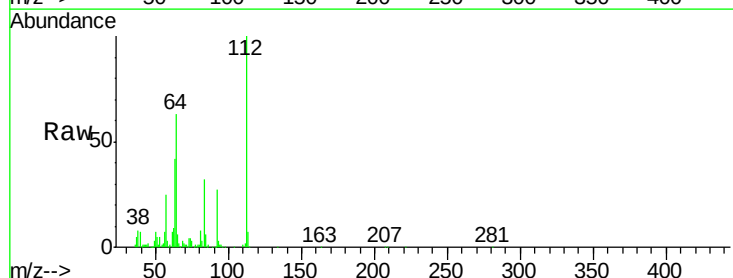
Tgt Ion:112 Resp: 1467606

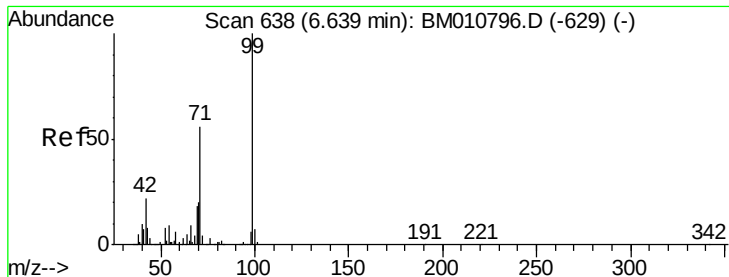
Ion Ratio Lower Upper

112 100

64 62.8 38.6 57.8#

63 42.2 19.3 28.9#





#7

Phenol-d6

Concen: 109.07 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010827.D

Acq: 13 Jul 2017 23:58

Instrument :

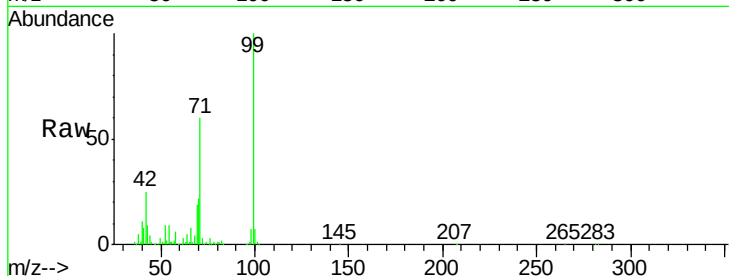
BNA_M

ClientSampleId :

POLE-1-2-3-4-COMP

Tot Ion: 99 Resp: 1731075

Ion	Ratio	Lower	Upper
99	100		
42	24.6	11.0	16.4#
71	59.8	23.4	35.2#

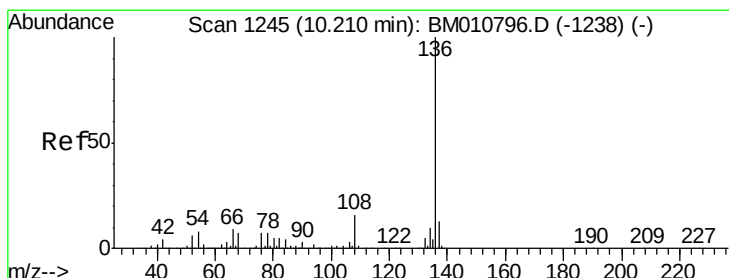
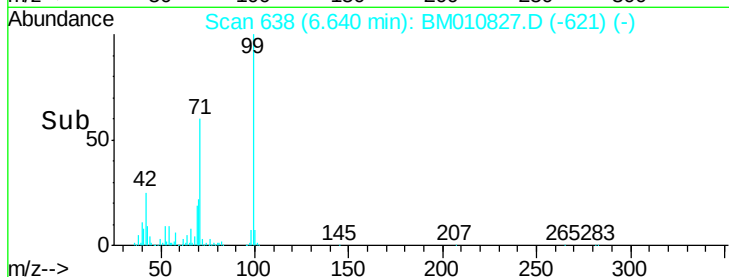
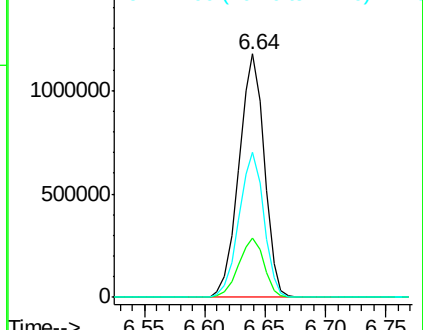


Abundance

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: 20.00 ng

RT: 10.20 min Scan# 1244

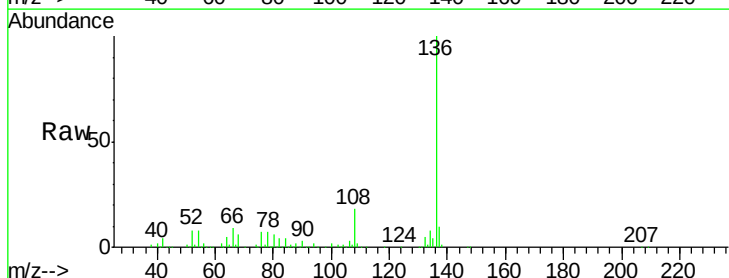
Delta R.T. -0.01 min

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#



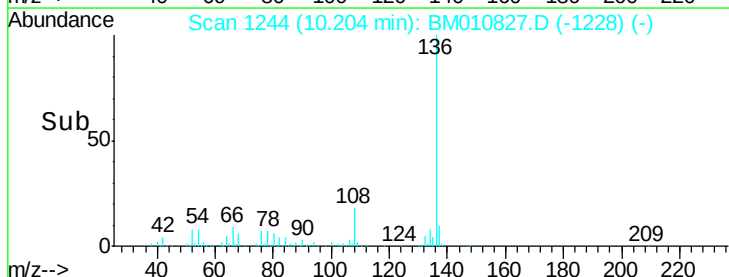
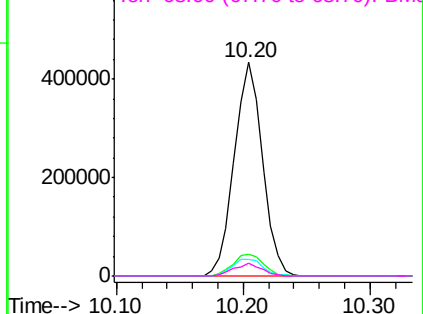
Abundance

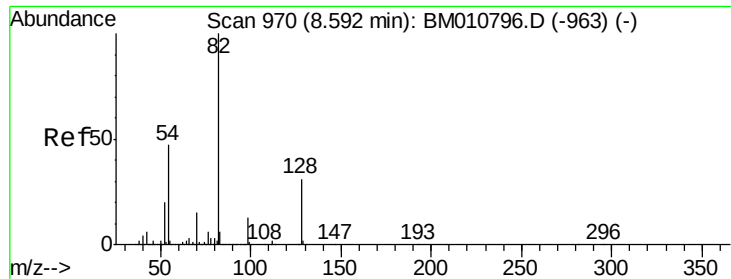
Ion 136.00 (135.70 to 136.70): E

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

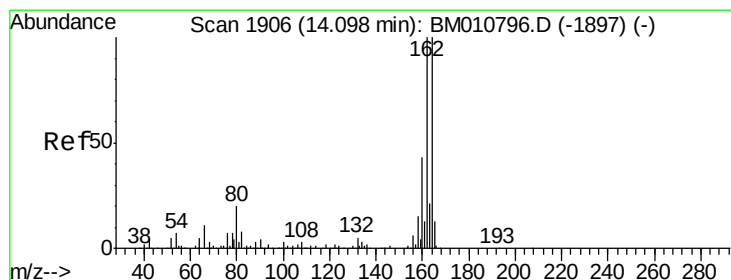
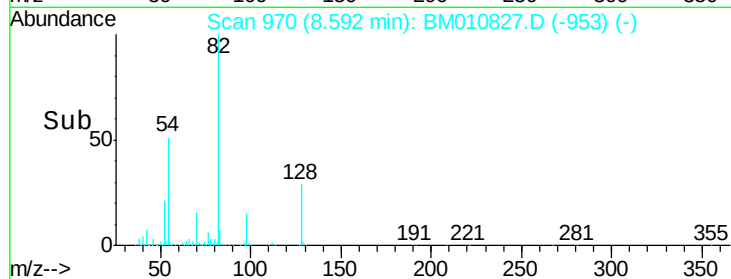
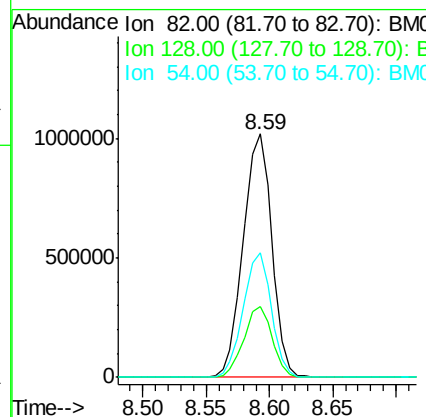
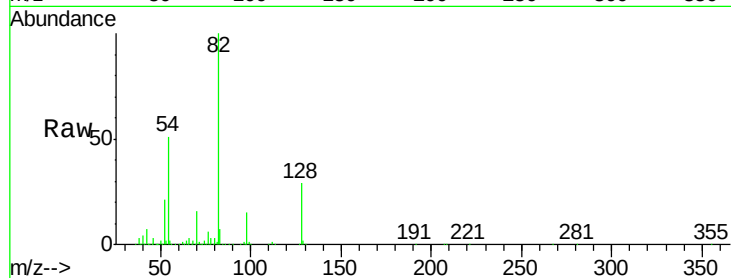




#23
 Nitrobenzene-d5
 Concen: 92.14 ng
 RT: 8.59 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BM010827.D
 Acq: 13 Jul 2017 23:58

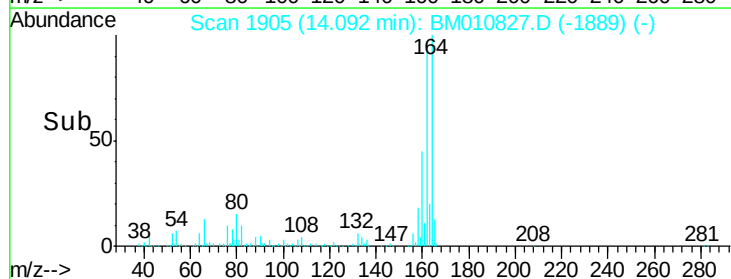
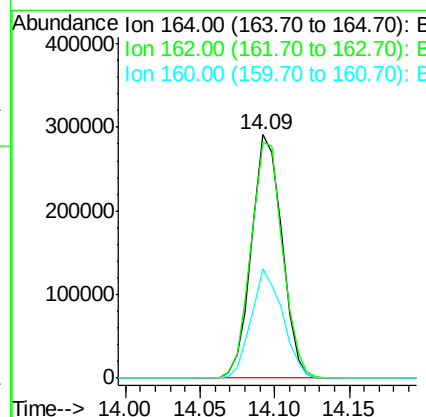
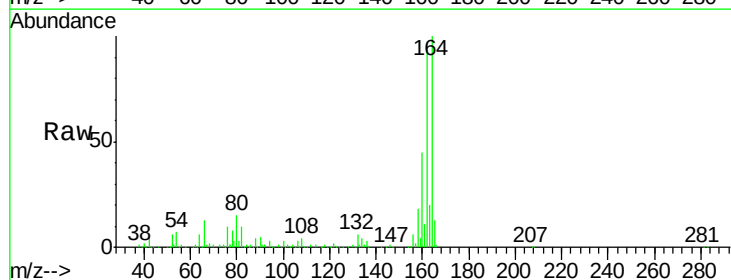
Instrument :
 BNA_M
 ClientSampleId :
 POLE-1-2-3-4-COMP

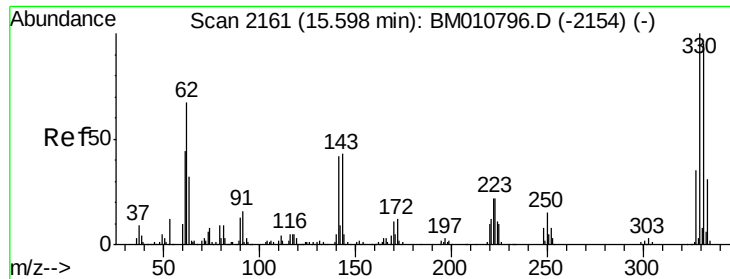
Tot Ion: 82 Resp: 1596489
 Ion Ratio Lower Upper
 82 100
 128 29.1 32.8 49.2#
 54 50.9 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 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

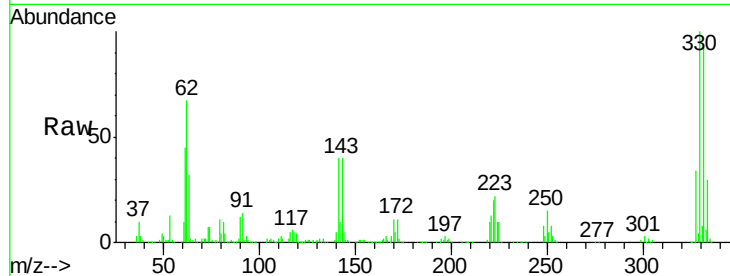




#41
 2,4,6-Tribromophenol
 Concen: 134.54 ng
 RT: 15.60 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BM010827.D
 Acq: 13 Jul 2017 23:58

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	0.0	0.0#
141	45.1	0.0	0.0#

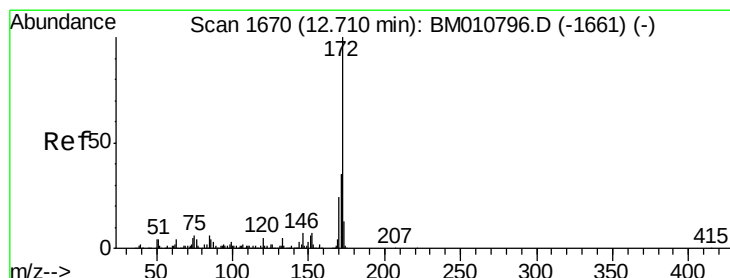
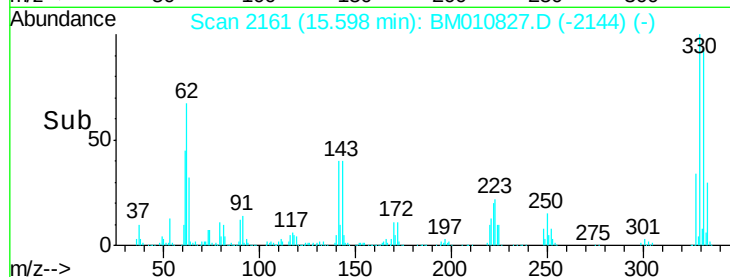
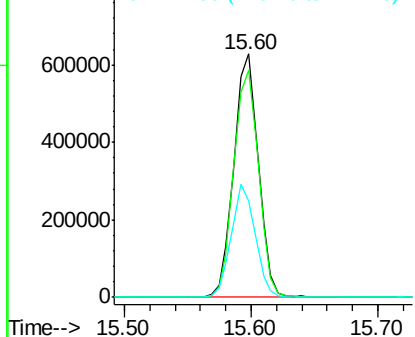


Abundance

Ion 329.80 (329.50 to 330.50): E

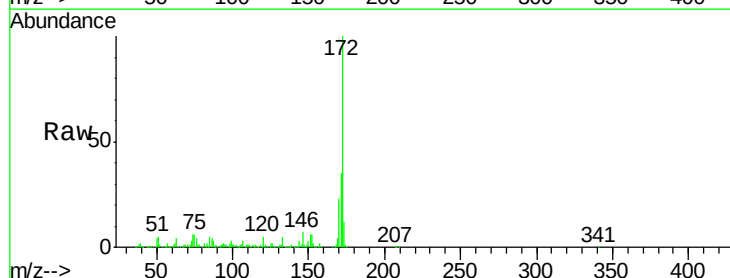
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.56 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	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	22.8	18.8	28.2

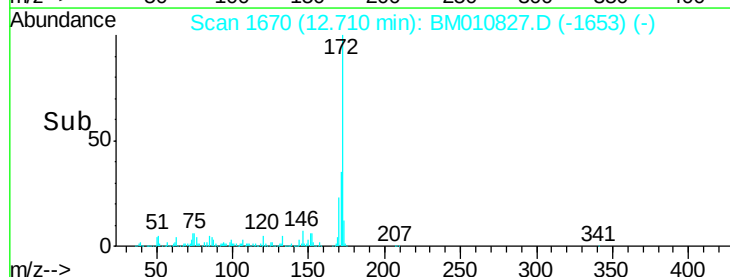
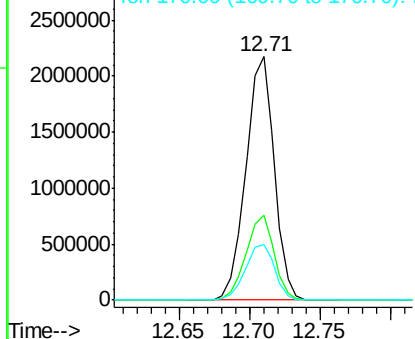


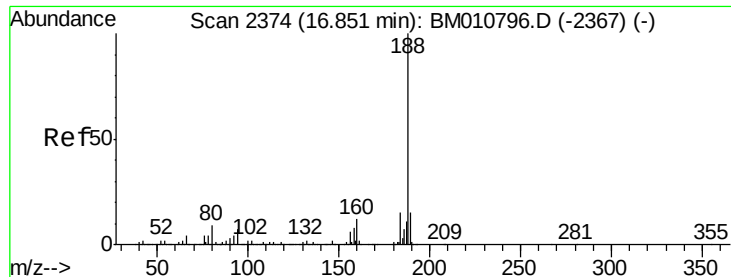
Abundance

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

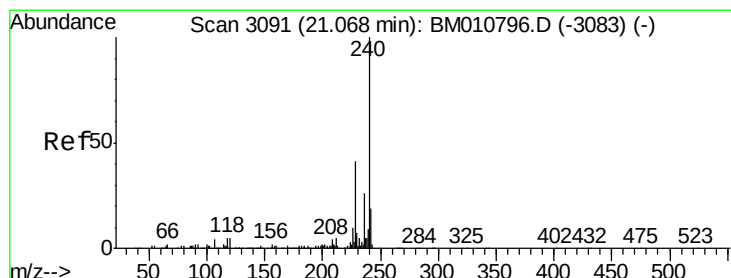
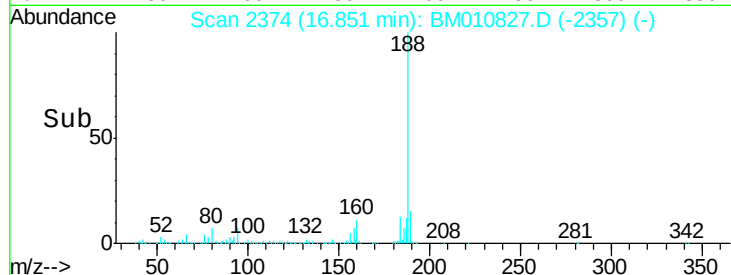
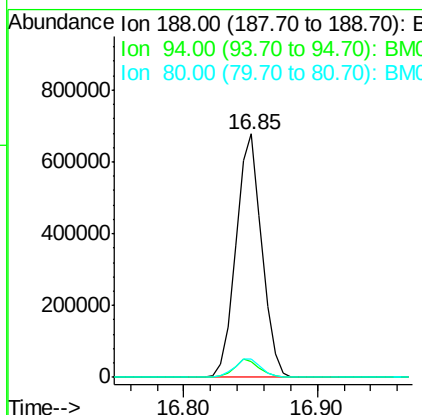
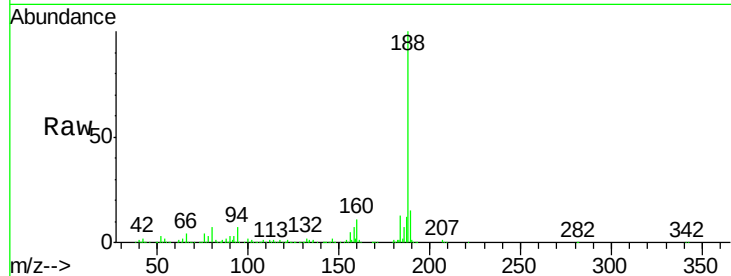




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.85 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BM010827.D
Acq: 13 Jul 2017 23:58

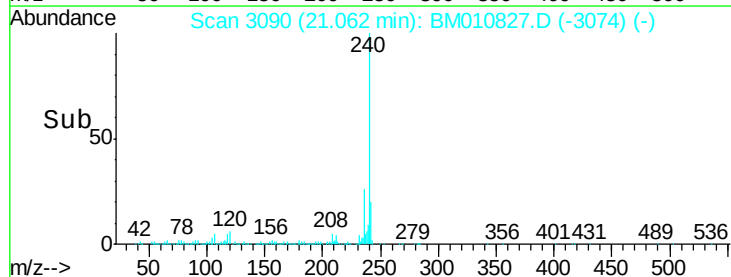
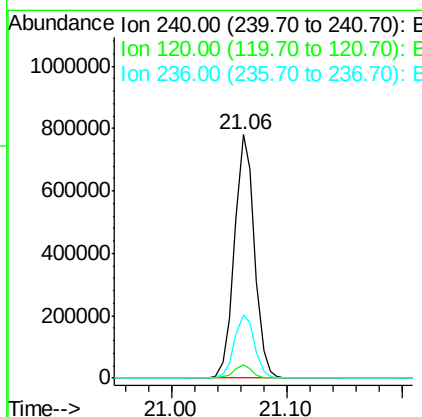
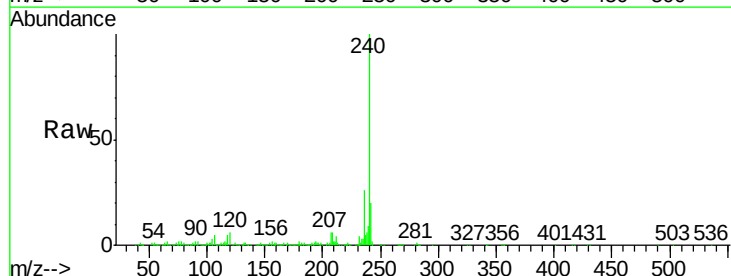
Instrument :
BNA_M
ClientSampleId :
POLE-1-2-3-4-COMP

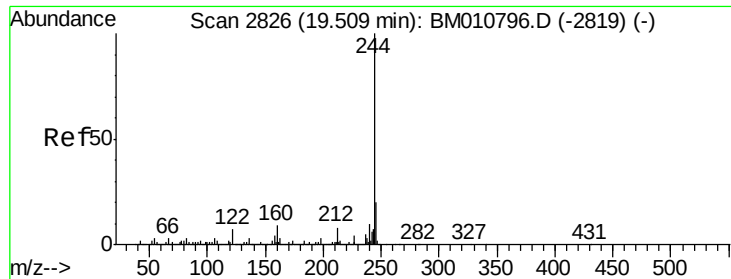
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.5	8.7	13.1#
80	7.3	9.3	13.9#



#75
Chrysene-d12
Concen: 20.00 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	Ratio	Lower	Upper
240	100		
120	5.6	8.2	12.2#
236	26.1	20.0	30.0





#78

Terphenyl-d14

Concen: 85.23 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

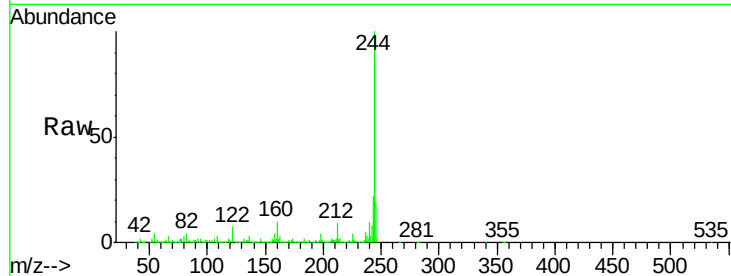
Tot Ion:244 Resp: 4101423

Ion Ratio Lower Upper

244 100

212 8.7 4.9 7.3#

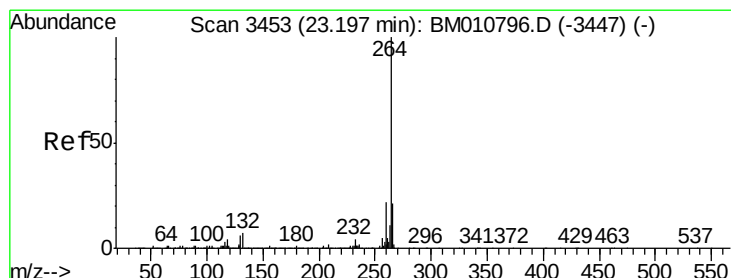
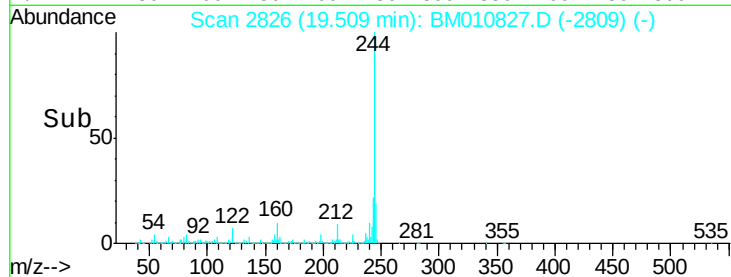
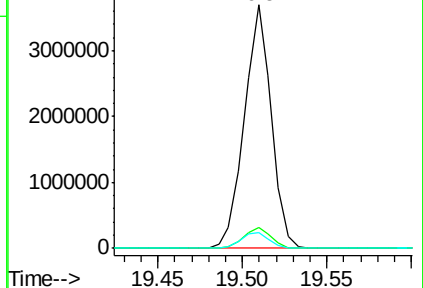
122 6.6 6.2 9.4



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: 20.00 ng

RT: 23.20 min Scan# 3453

Delta R.T. 0.00 min

Lab File: BM010827.D

Acq: 13 Jul 2017 23:58

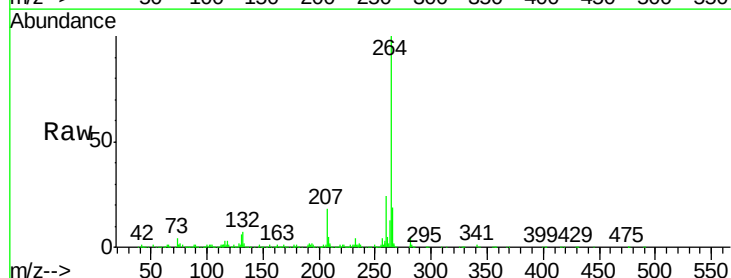
Tgt Ion:264 Resp: 904936

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

