

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072017\
 Data File : BM010932.D
 Acq On : 21 Jul 2017 08:23
 Operator : SJ/JU
 Sample : I4276-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-6-COMP-(0-8)

Quant Time: Jul 21 11:58:38 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	7.43	152	237677	20.00	ng	-0.02
21) Naphthalene-d8	10.20	136	913131	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	598331	20.00	ng	-0.01
63) Phenanthrene-d10	16.84	188	1435452	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1225330	20.00	ng	0.00
86) Perylene-d12	23.19	264	1099296	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1792631	124.94	ng	0.00
7) Phenol-d6	6.63	99	2424323	122.56	ng	0.00
23) Nitrobenzene-d5	8.58	82	1897194	79.86	ng	-0.01
41) 2,4,6-Tribromophenol	15.59	330	846328	92.56	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	3956404	82.26	ng	-0.01
78) Terphenyl-d14	19.50	244	5132429	81.01	ng	0.00

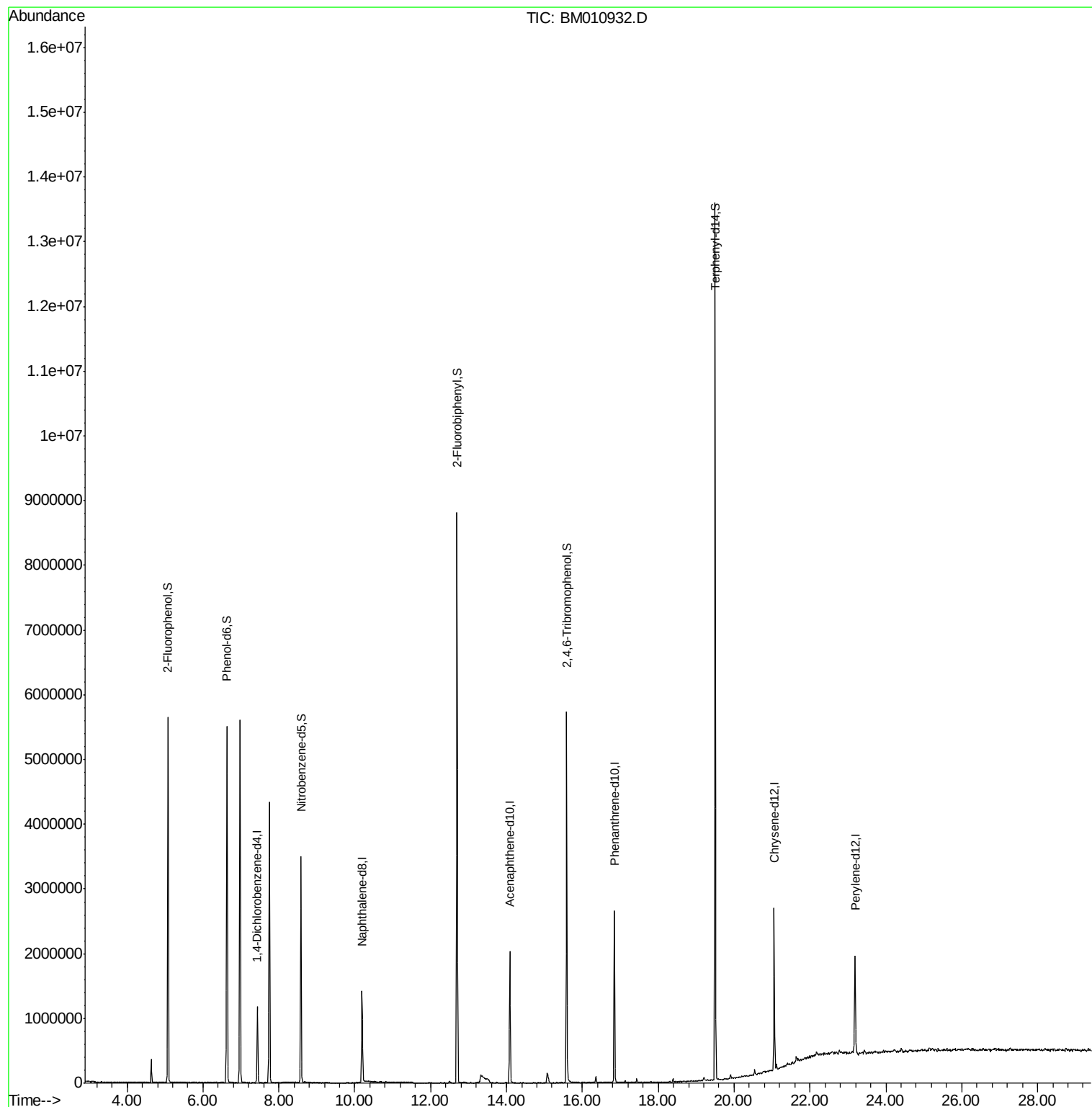
Target Compounds Qvalue

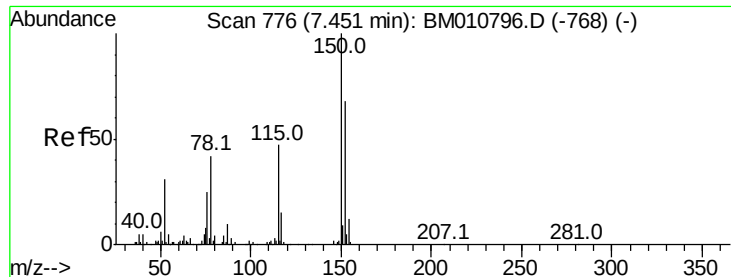
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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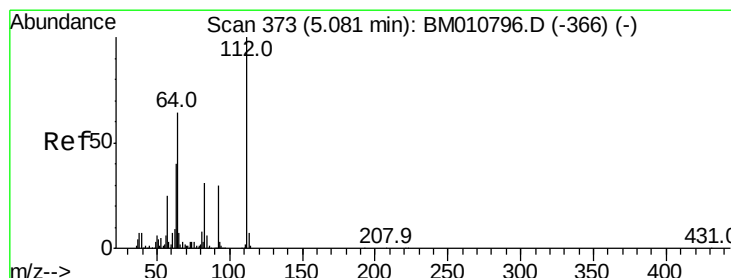
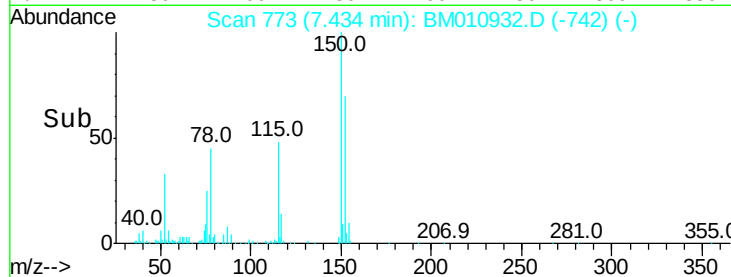
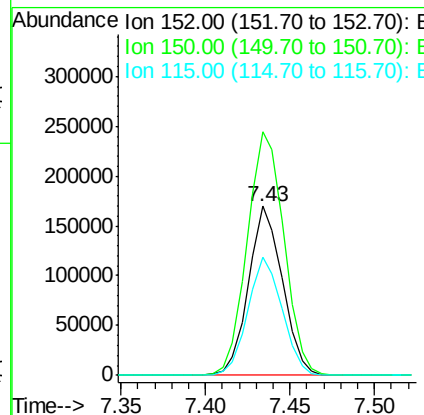
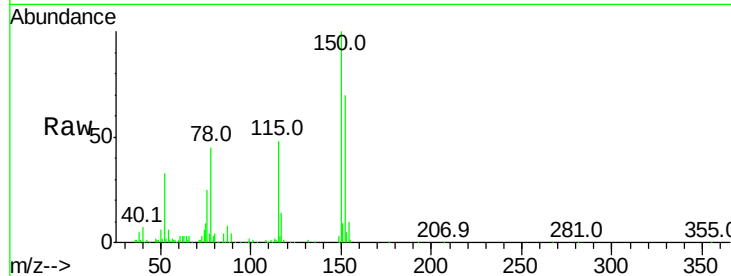


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.43 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BM010932.D
 Acq: 21 Jul 2017 08:23

Instrument :
 BNA_M
 ClientSampleId :
 TP-6-COMP-(0-8)

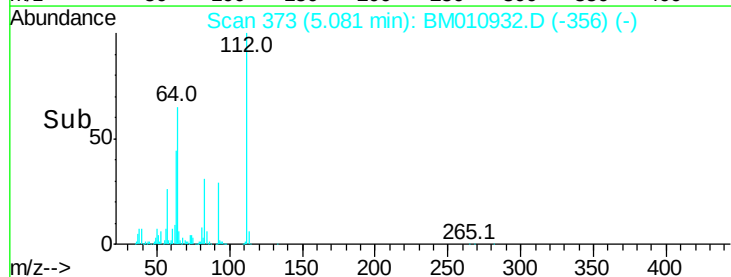
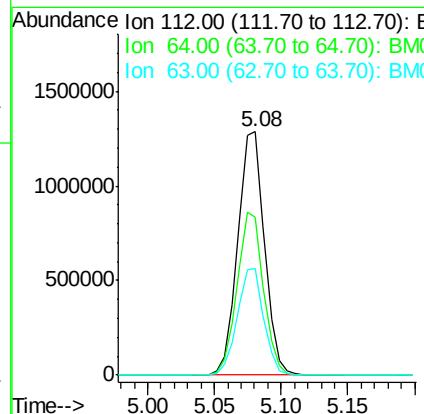
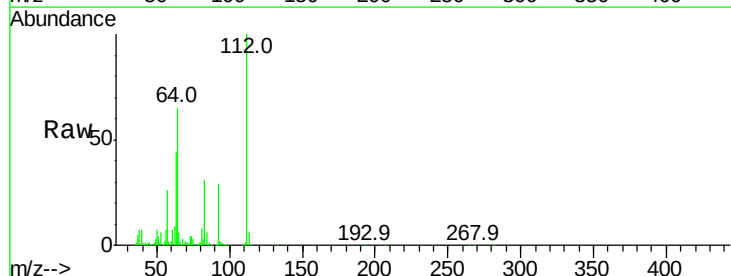
Tot Ion:152 Resp: 237677
 Ion Ratio Lower Upper
 152 100
 150 143.8 119.5 179.3
 115 69.4 43.0 64.4#

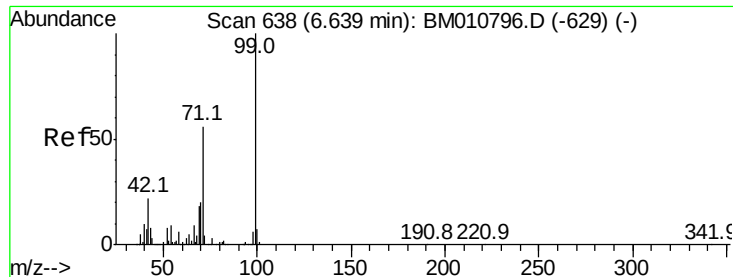


#5

2-Fluorophenol
 Concen: 124.937 ng
 RT: 5.08 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: BM010932.D
 Acq: 21 Jul 2017 08:23

Tgt Ion:112 Resp: 1792631
 Ion Ratio Lower Upper
 112 100
 64 65.0 38.6 57.8#
 63 44.1 19.3 28.9#





#7

Phenol-d6

Concen: 122.563 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010932.D

Acq: 21 Jul 2017 08:23

Instrument :

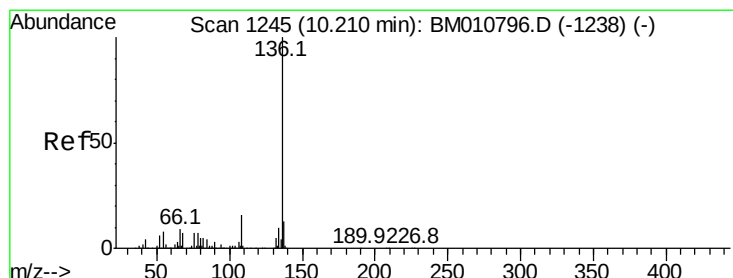
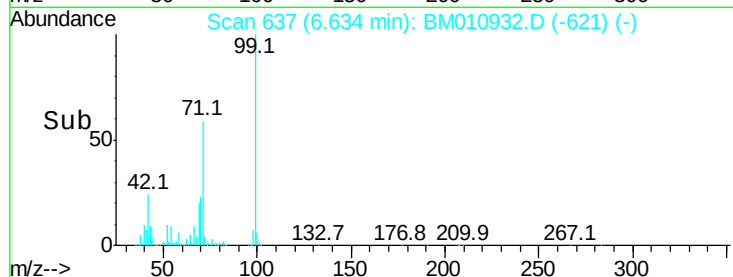
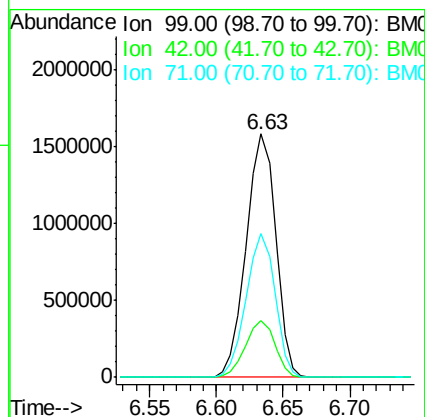
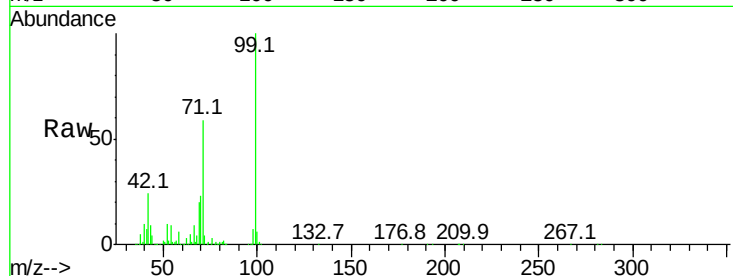
BNA_M

ClientSampleId :

TP-6-COMP-(0-8)

Tot Ion: 99 Resp: 2424323

Ion	Ratio	Lower	Upper
99	100		
42	23.5	11.0	16.4#
71	59.0	23.4	35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1243

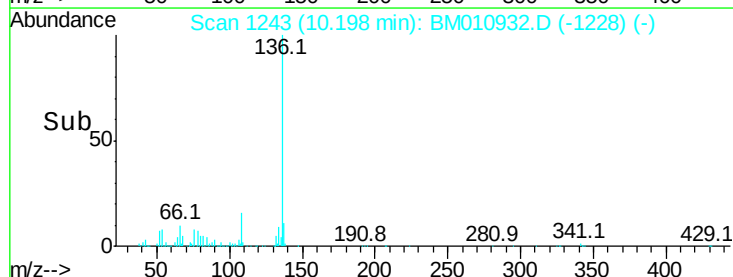
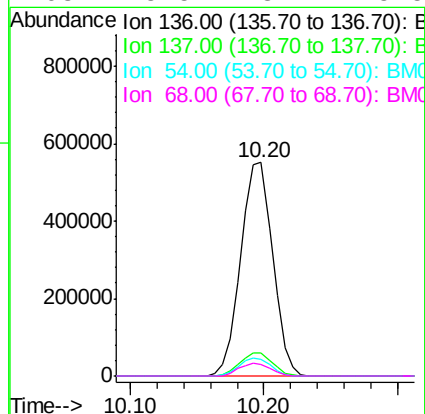
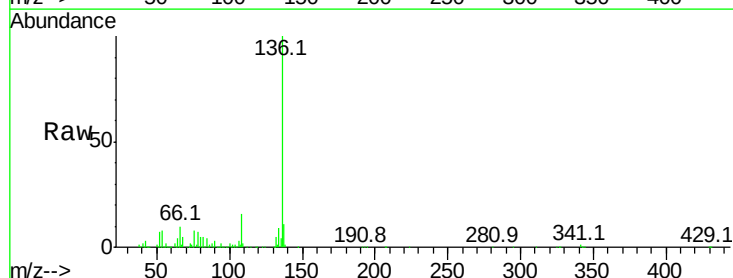
Delta R.T. -0.01 min

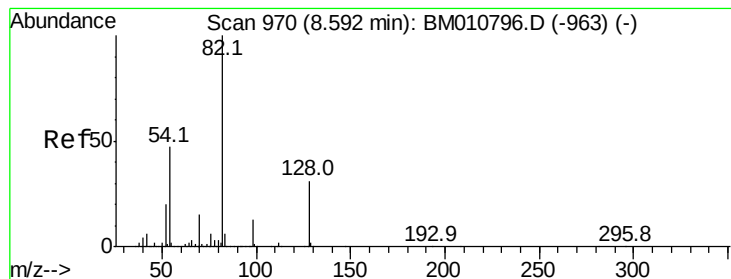
Lab File: BM010932.D

Acq: 21 Jul 2017 08:23

Tgt Ion: 136 Resp: 913131

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	7.7	4.6	6.8#
68	5.5	3.7	5.5





#23

Nitrobenzene-d5

Concen: 79.861 ng

RT: 8.58 min Scan# 968

Delta R.T. -0.01 min

Lab File: BM010932.D

Acq: 21 Jul 2017 08:23

Instrument :

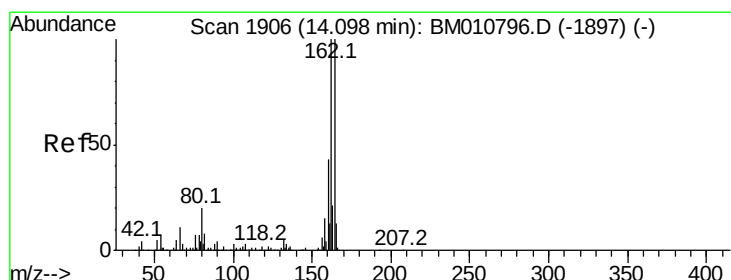
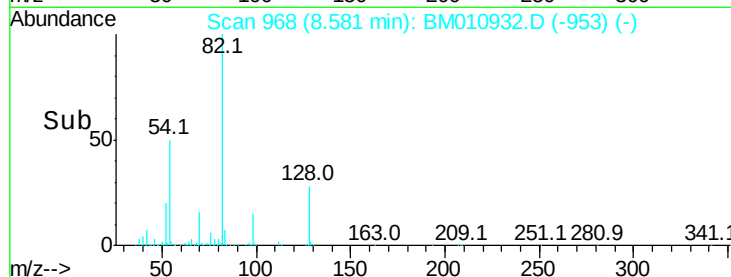
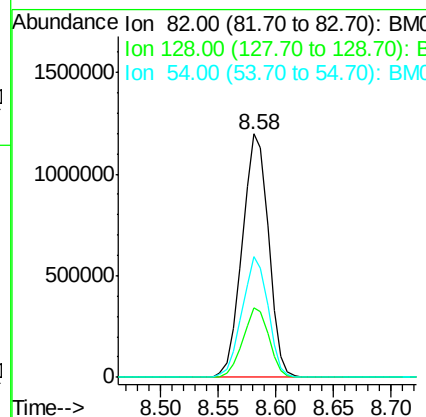
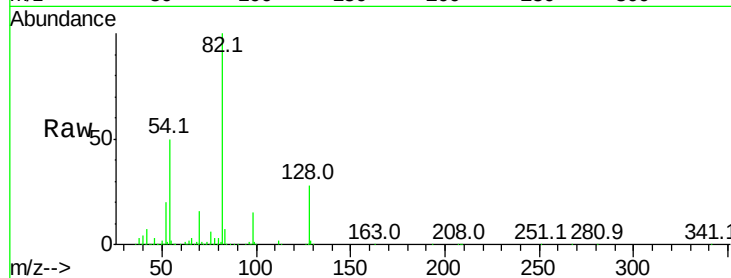
BNA_M

ClientSampleId :

TP-6-COMP-(0-8)

Tot Ion: 82 Resp: 1897194

Ion	Ratio	Lower	Upper
82	100		
128	28.4	32.8	49.2#
54	49.6	40.6	60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1904

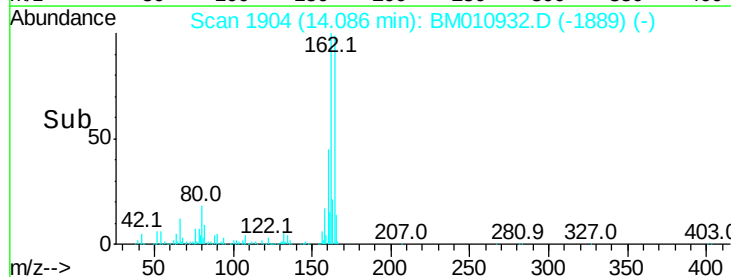
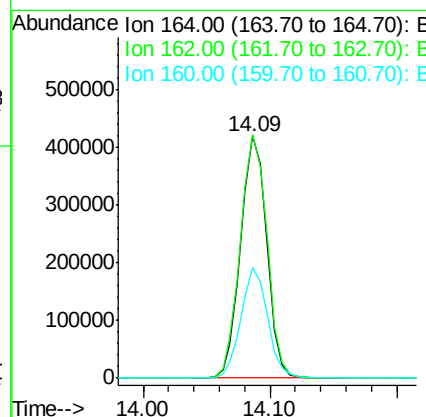
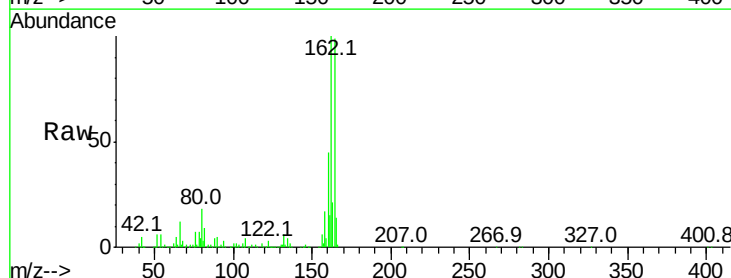
Delta R.T. -0.01 min

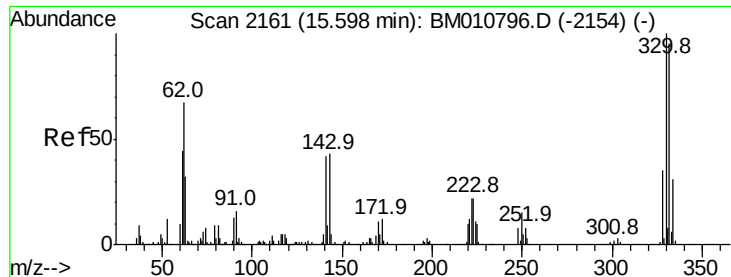
Lab File: BM010932.D

Acq: 21 Jul 2017 08:23

Tgt Ion: 164 Resp: 598331

Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.4	123.6
160	45.4	35.8	53.6

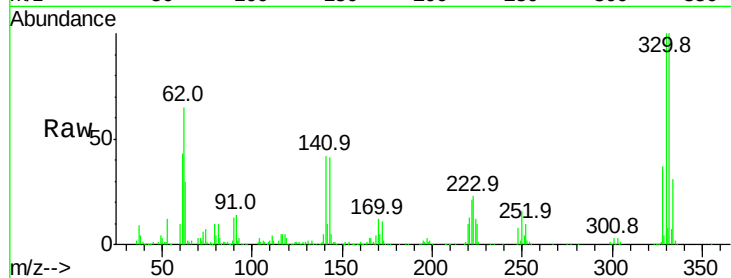




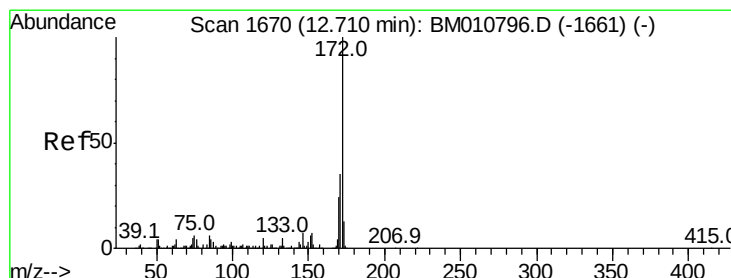
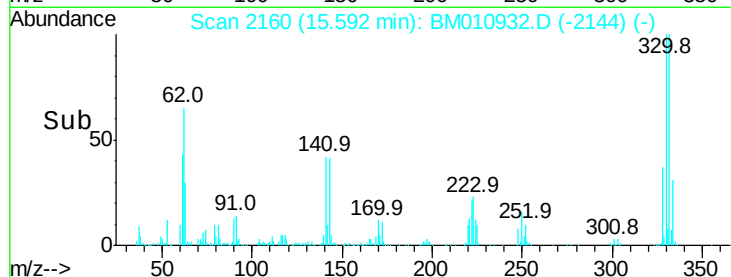
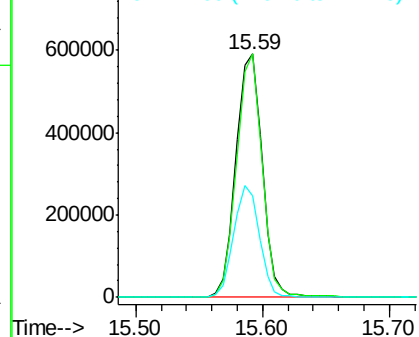
#41
 2,4,6-Tribromophenol
 Concen: 92.559 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010932.D
 Acq: 21 Jul 2017 08:23

Instrument :
 BNA_M
 ClientSampleId :
 TP-6-COMP-(0-8)

Tot Ion:330 Resp: 846328
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 44.9 0.0 0.0#

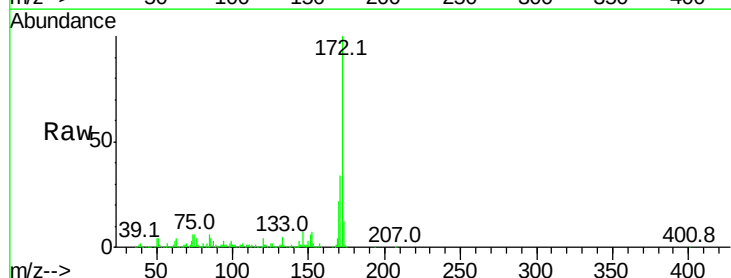


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

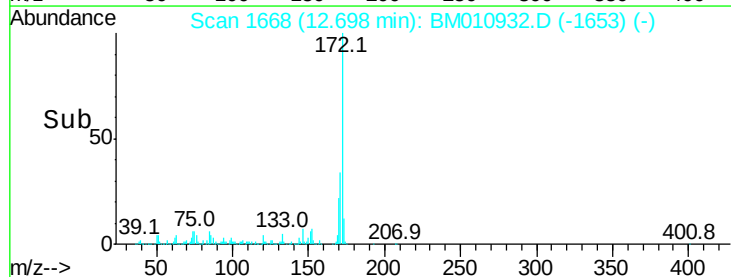
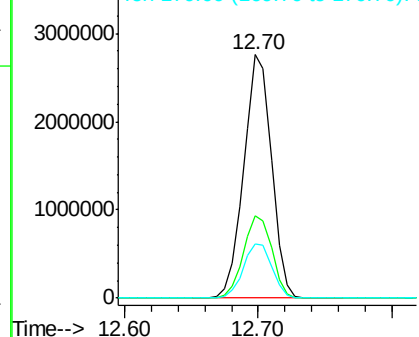


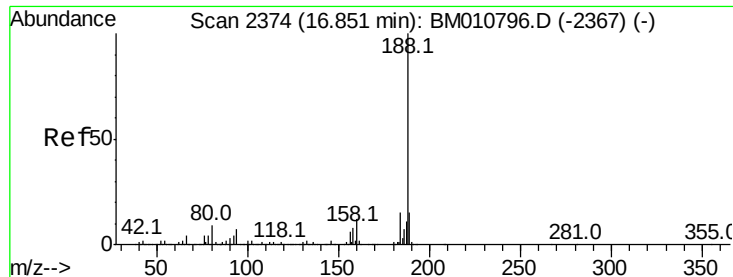
#44
 2-Fluorobiphenyl
 Concen: 82.260 ng
 RT: 12.70 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM010932.D
 Acq: 21 Jul 2017 08:23

Tgt Ion:172 Resp: 3956404
 Ion Ratio Lower Upper
 172 100
 171 34.0 28.5 42.7
 170 22.3 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

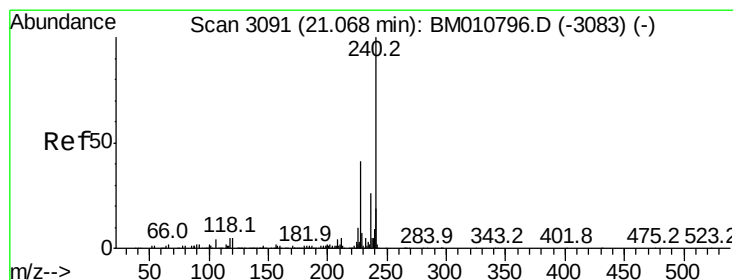
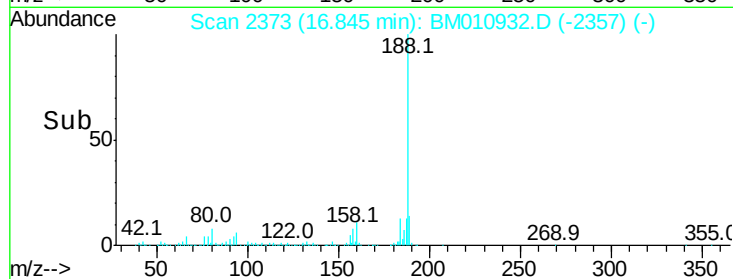
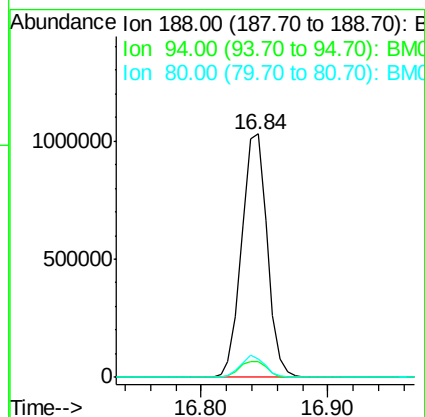
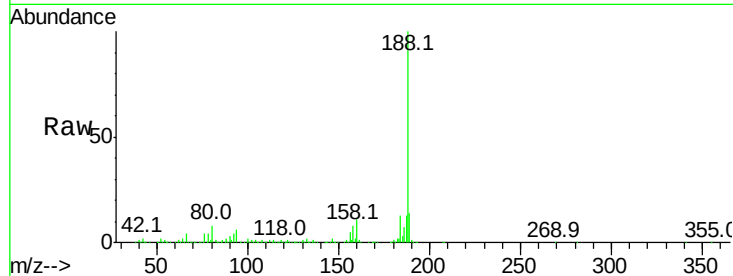




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010932.D
Acq: 21 Jul 2017 08:23

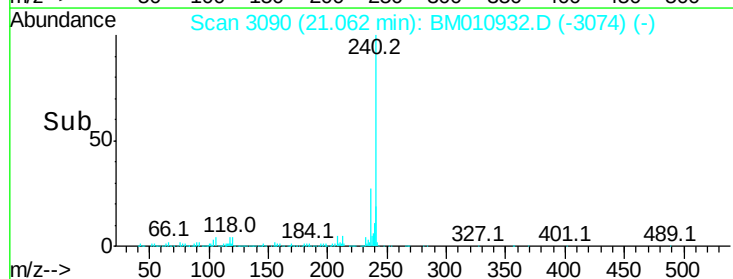
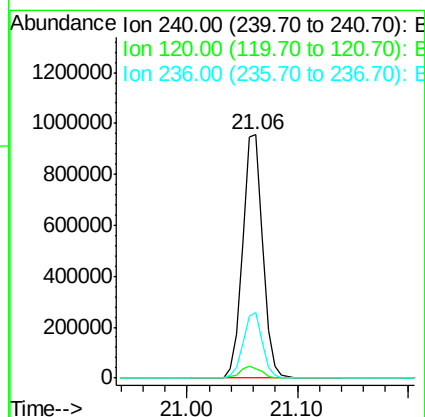
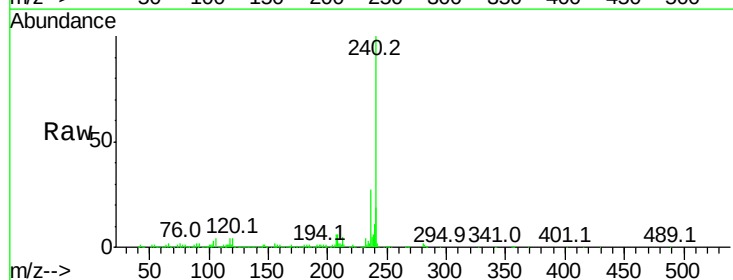
Instrument :
BNA_M
ClientSampleId :
TP-6-COMP-(0-8)

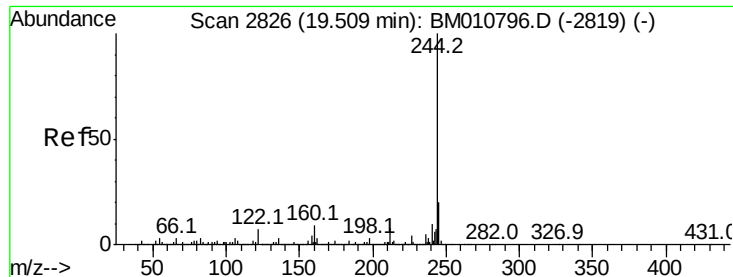
Tot Ion:188 Resp: 1435452
Ion Ratio Lower Upper
188 100
94 6.2 8.7 13.1#
80 7.6 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010932.D
Acq: 21 Jul 2017 08:23

Tgt Ion:240 Resp: 1225330
Ion Ratio Lower Upper
240 100
120 4.0 8.2 12.2#
236 26.7 20.0 30.0





#78

Terphenyl-d14

Concen: 81.012 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM010932.D

Acq: 21 Jul 2017 08:23

Instrument :

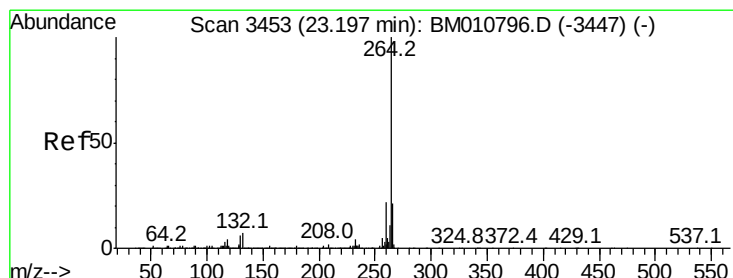
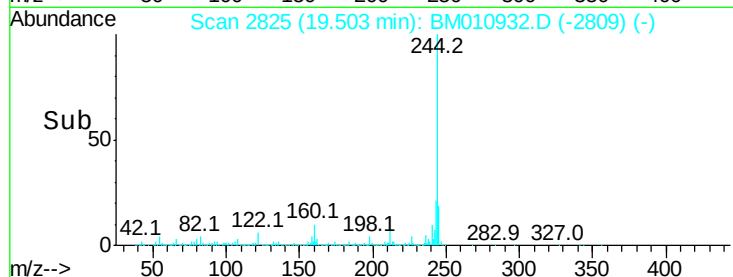
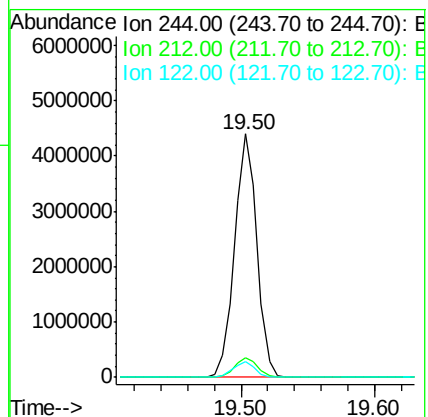
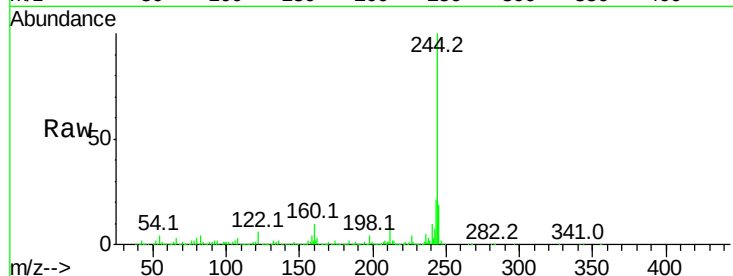
BNA_M

ClientSampleId :

TP-6-COMP-(0-8)

Tot Ion:244 Resp: 5132429

Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.9	7.3#
122	6.4	6.2	9.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.19 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BM010932.D

Acq: 21 Jul 2017 08:23

Tgt Ion:264 Resp: 1099296

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	27.8
265	21.0	17.3	25.9

