

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072017\
 Data File : BM010922.D
 Acq On : 20 Jul 2017 23:17
 Operator : SJ/JU
 Sample : I4276-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jul 21 04:21:11 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	187294	20.00	ng	-0.01
21) Naphthalene-d8	10.19	136	685756	20.00	ng	-0.02
38) Acenaphthene-d10	14.09	164	448138	20.00	ng	-0.01
63) Phenanthrene-d10	16.84	188	1013382	20.00	ng	0.00
75) Chrysene-d12	21.06	240	978708	20.00	ng	-0.01
86) Perylene-d12	23.19	264	949054	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1552263	137.29	ng	0.00
7) Phenol-d6	6.63	99	1904261	122.17	ng	0.00
23) Nitrobenzene-d5	8.58	82	1803624	101.10	ng	-0.01
41) 2,4,6-Tribromophenol	15.59	330	1000575	146.10	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	3624961	100.63	ng	-0.01
78) Terphenyl-d14	19.50	244	4872365	96.29	ng	0.00

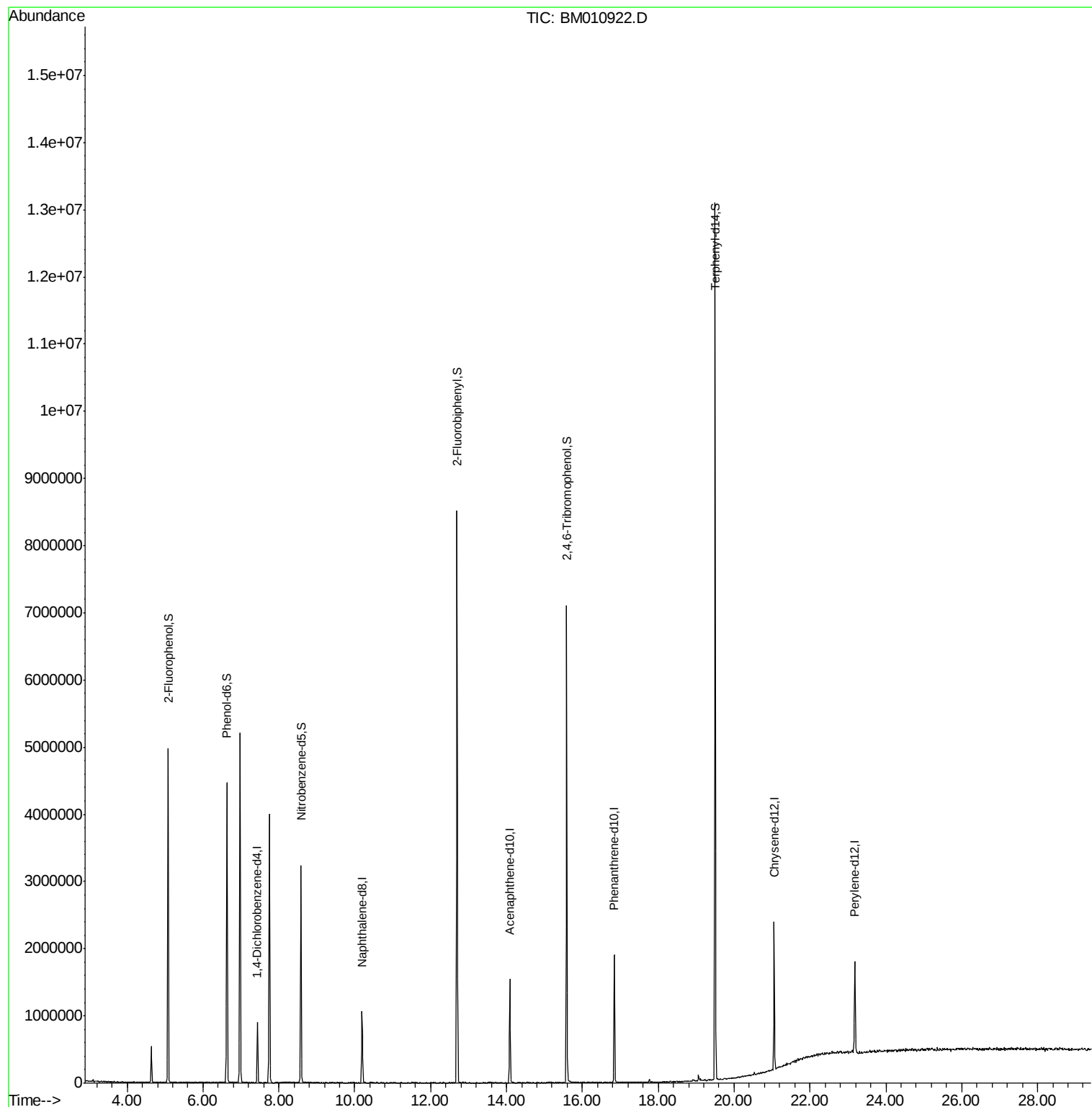
Target Compounds Qvalue

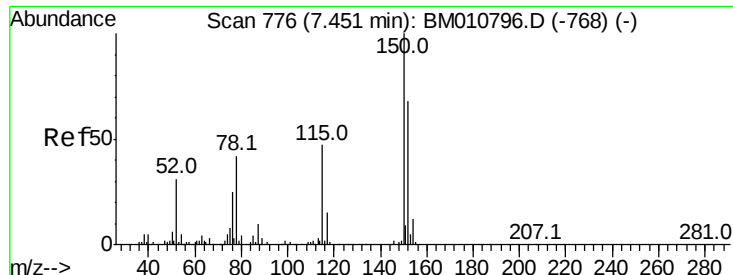
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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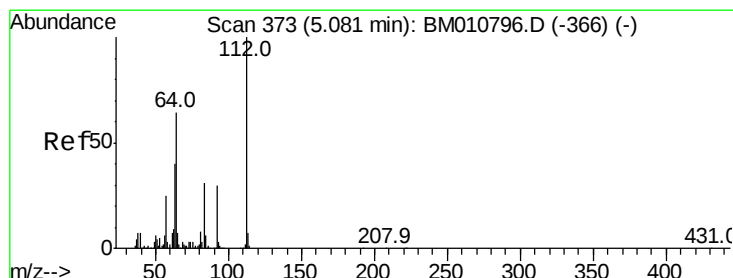
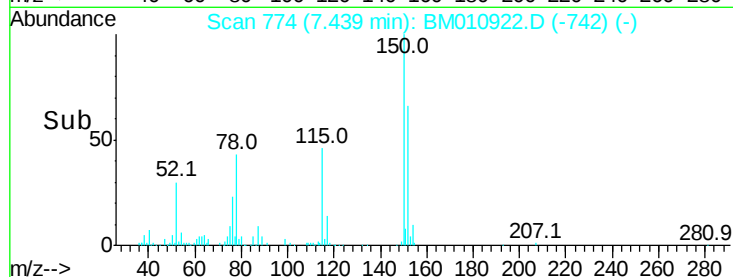
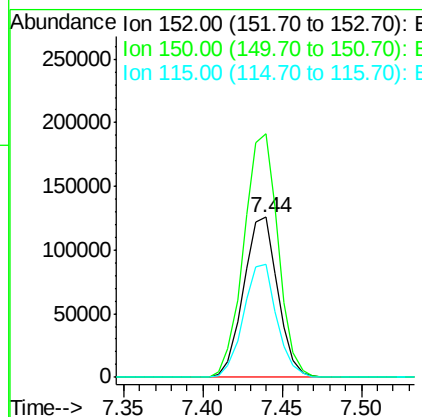
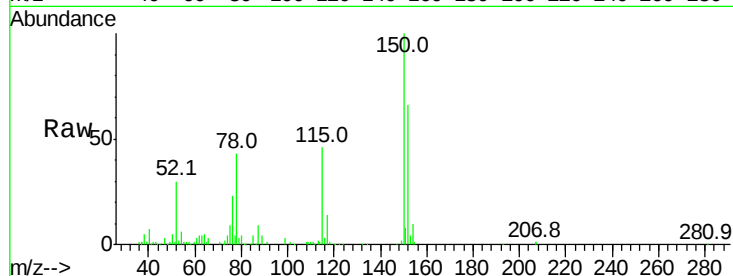


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010922.D
Acq: 20 Jul 2017 23:17

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

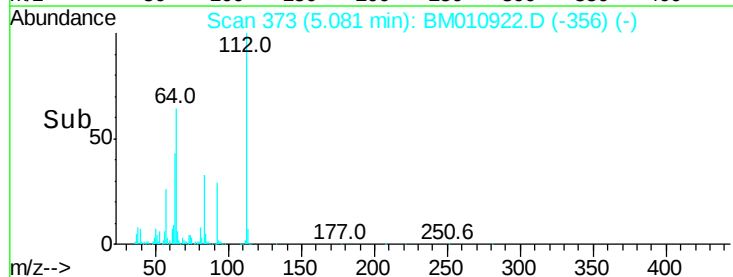
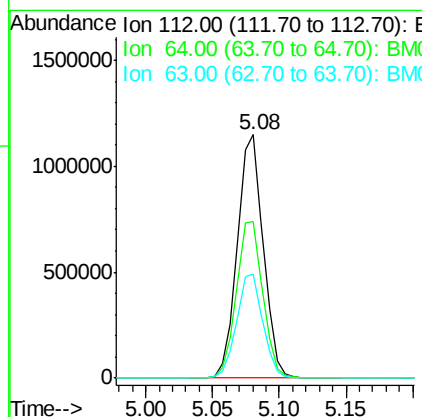
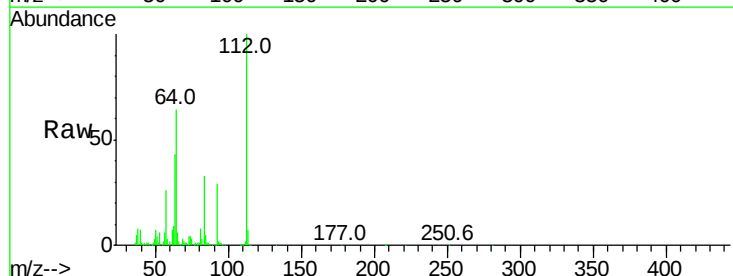
Tot Ion:152 Resp: 187294
Ion Ratio Lower Upper
152 100
150 151.9 119.5 179.3
115 70.3 43.0 64.4#

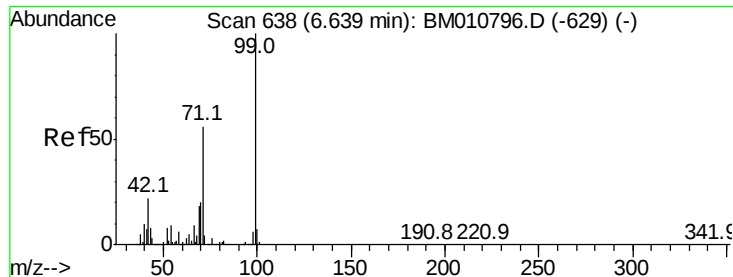


#5

2-Fluorophenol
Concen: 137.287 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010922.D
Acq: 20 Jul 2017 23:17

Tgt Ion:112 Resp: 1552263
Ion Ratio Lower Upper
112 100
64 64.1 38.6 57.8#
63 42.7 19.3 28.9#





#7

Phenol-d6

Concen: 122.168 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010922.D

Acq: 20 Jul 2017 23:17

Instrument :

BNA_M

ClientSampleId :

TP-6-COMP-(0-8)

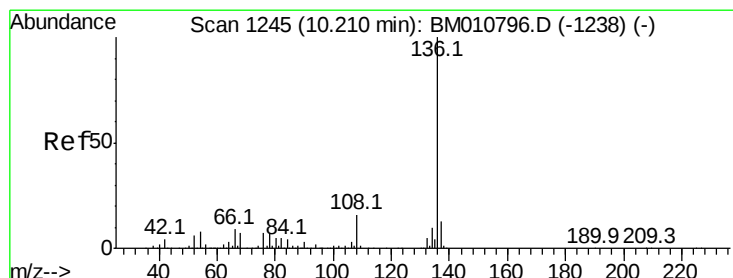
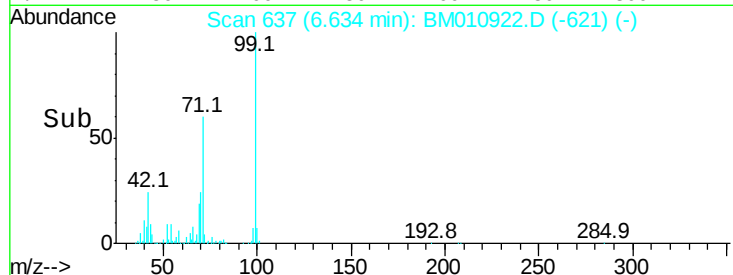
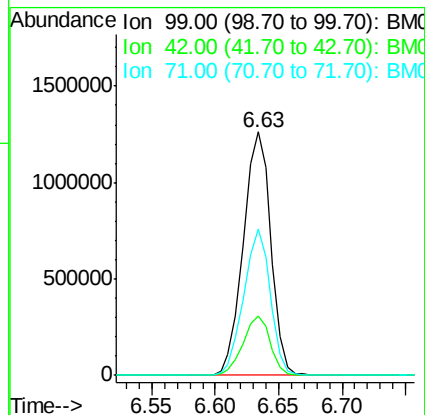
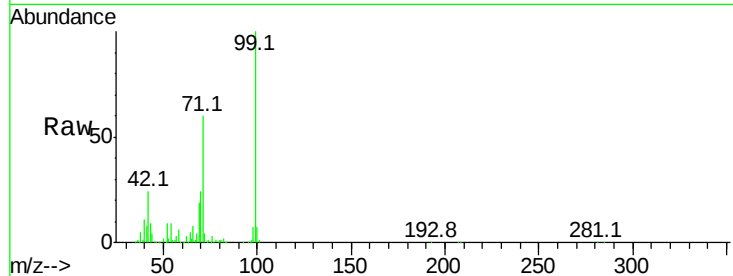
Tot Ion: 99 Resp: 1904261

Ion Ratio Lower Upper

99 100

42 24.2 11.0 16.4#

71 60.0 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: BM010922.D

Acq: 20 Jul 2017 23:17

Tgt Ion: 136 Resp: 685756

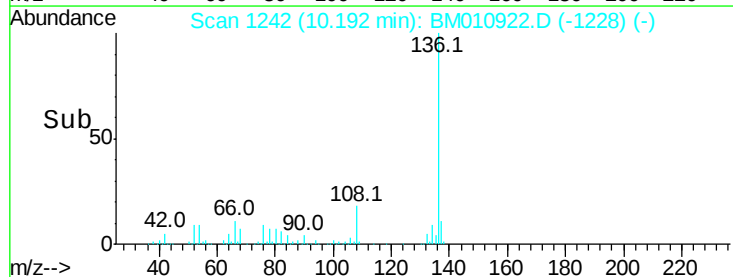
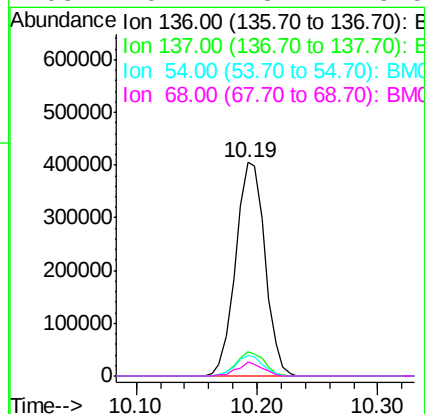
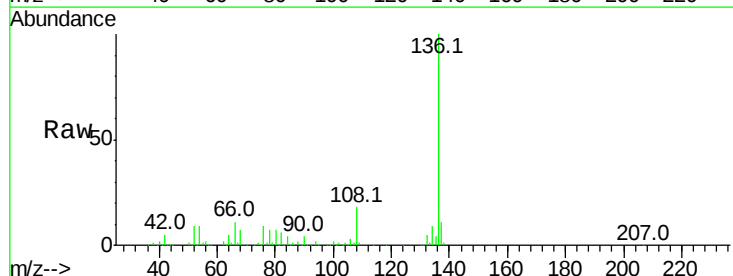
Ion Ratio Lower Upper

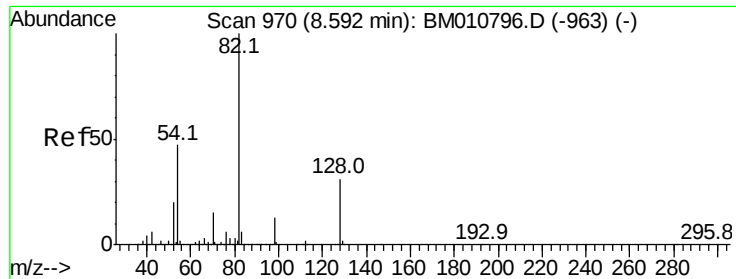
136 100

137 11.1 8.7 13.1

54 9.3 4.6 6.8#

68 6.7 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 101.096 ng

RT: 8.58 min Scan# 968

Delta R.T. -0.01 min

Lab File: BM010922.D

Acq: 20 Jul 2017 23:17

Instrument :

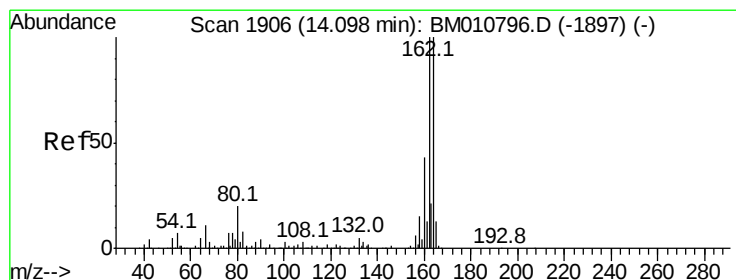
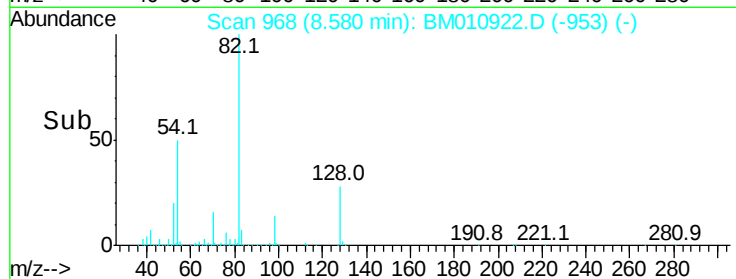
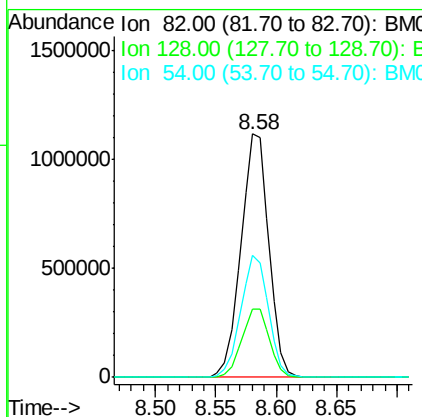
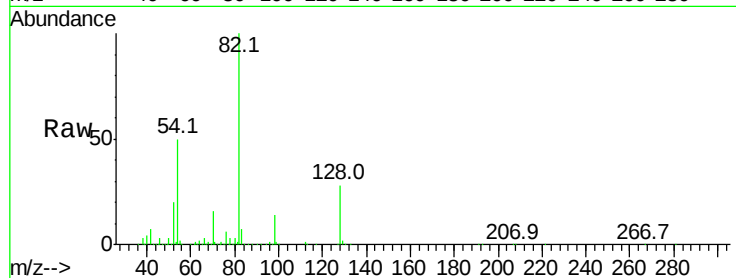
BNA_M

ClientSampleId :

TP-6-COMP-(0-8)

Tot Ion: 82 Resp: 1803624

Ion	Ratio	Lower	Upper
82	100		
128	28.0	32.8	49.2#
54	50.0	40.6	60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1904

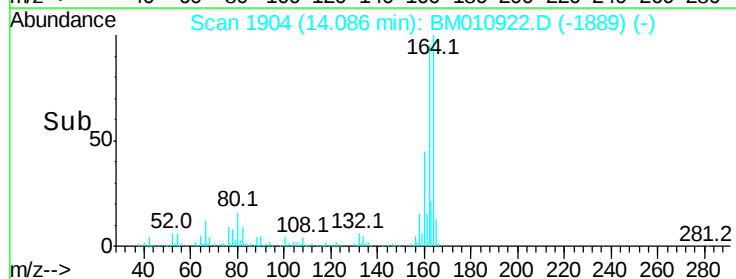
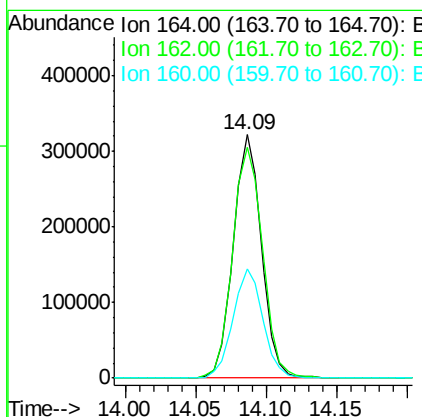
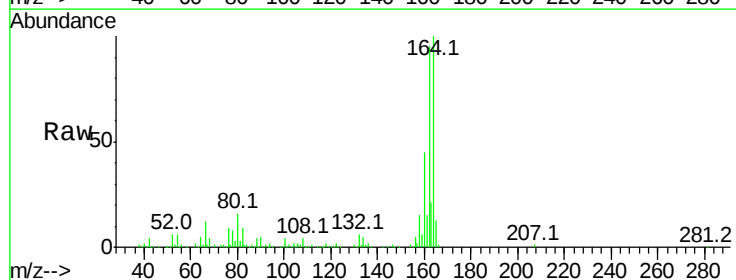
Delta R.T. -0.01 min

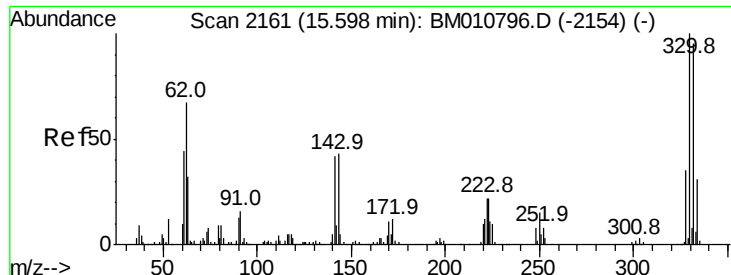
Lab File: BM010922.D

Acq: 20 Jul 2017 23:17

Tgt Ion: 164 Resp: 448138

Ion	Ratio	Lower	Upper
164	100		
162	94.8	82.4	123.6
160	45.0	35.8	53.6

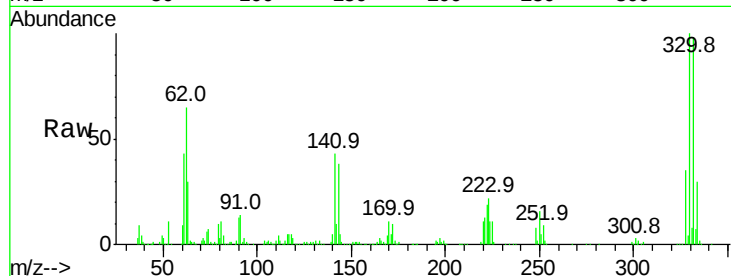




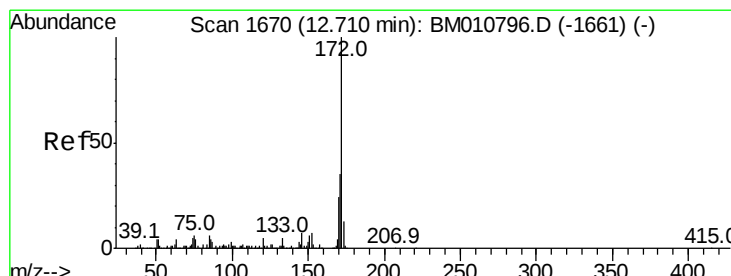
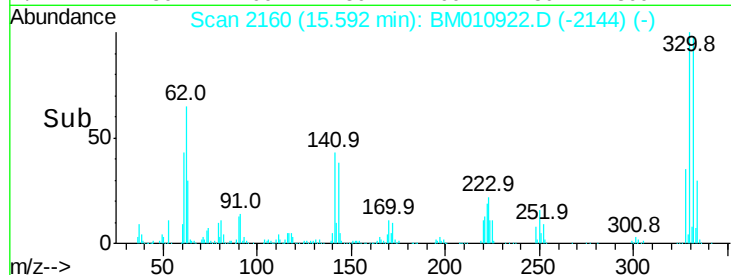
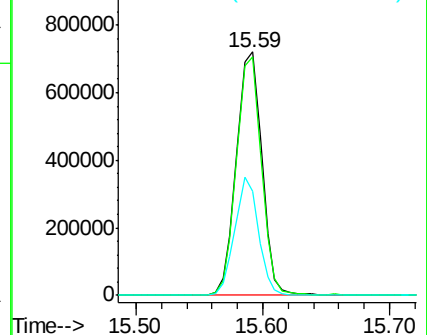
#41
 2,4,6-Tribromophenol
 Concen: 146.104 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010922.D
 Acq: 20 Jul 2017 23:17

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

Tot Ion:330 Resp: 1000575
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 45.1 0.0 0.0#

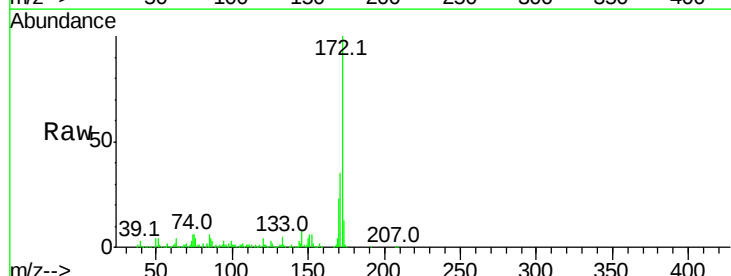


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

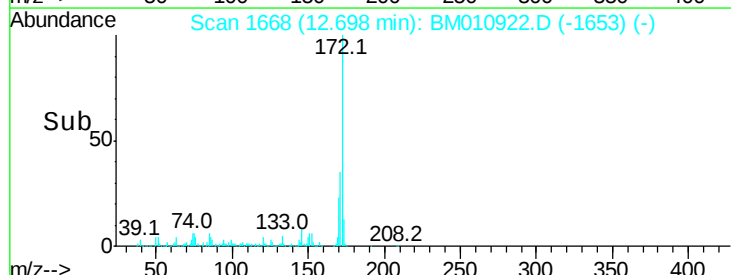
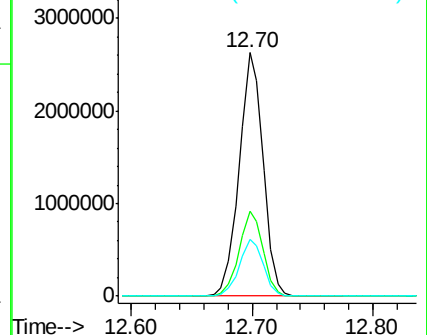


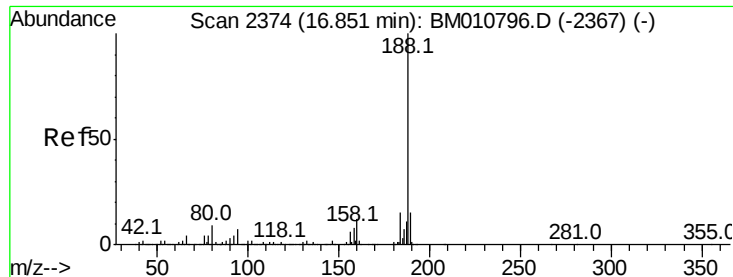
#44
 2-Fluorobiphenyl
 Concen: 100.628 ng
 RT: 12.70 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM010922.D
 Acq: 20 Jul 2017 23:17

Tgt Ion:172 Resp: 3624961
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 23.2 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

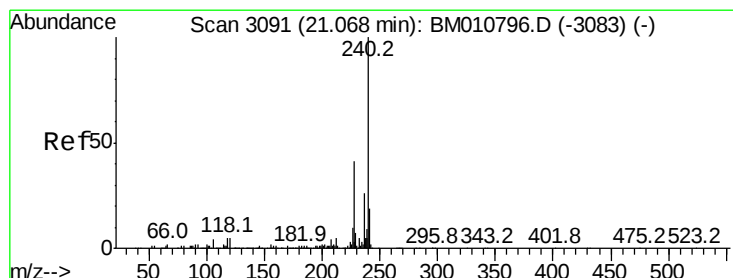
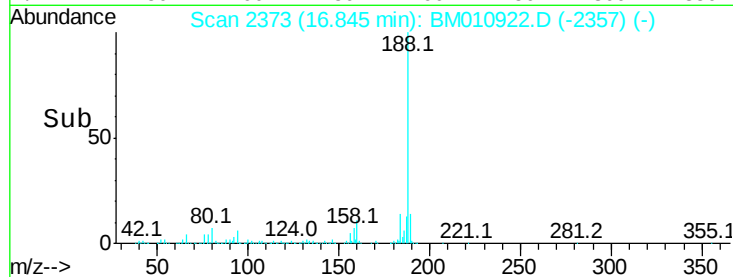
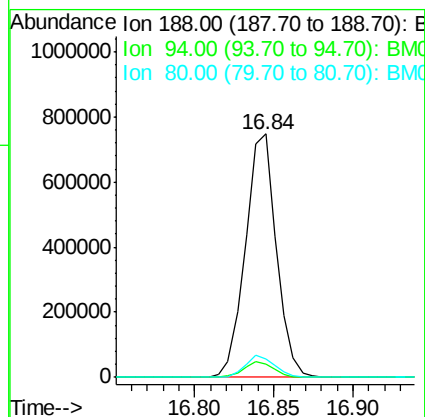
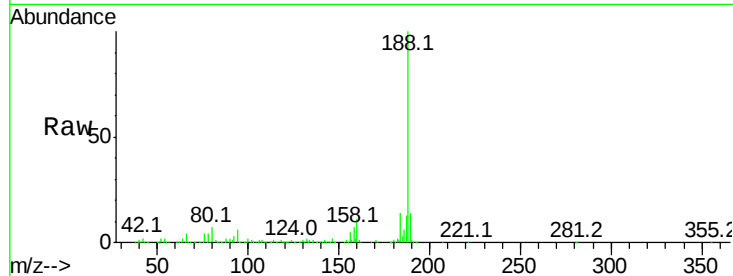




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010922.D
Acq: 20 Jul 2017 23:17

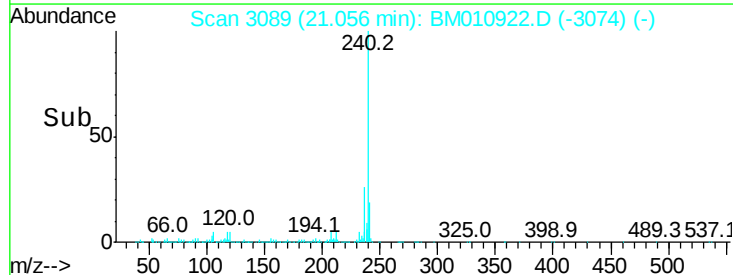
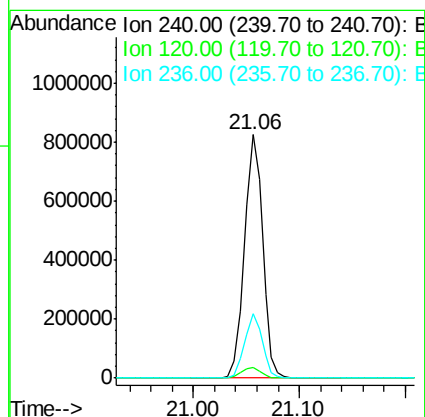
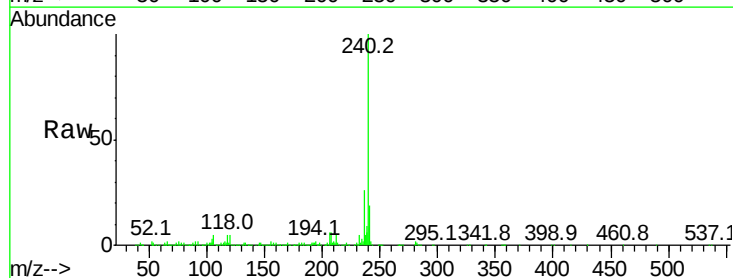
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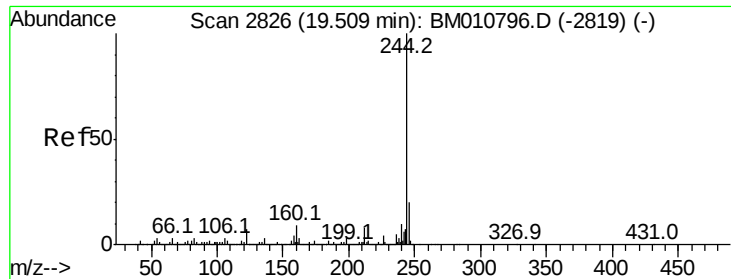
Tot Ion:188 Resp: 1013382
Ion Ratio Lower Upper
188 100
94 5.7 8.7 13.1#
80 7.4 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM010922.D
Acq: 20 Jul 2017 23:17

Tgt Ion:240 Resp: 978708
Ion Ratio Lower Upper
240 100
120 4.6 8.2 12.2#
236 26.3 20.0 30.0





#78

Terphenyl-d14

Concen: 96.287 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM010922.D

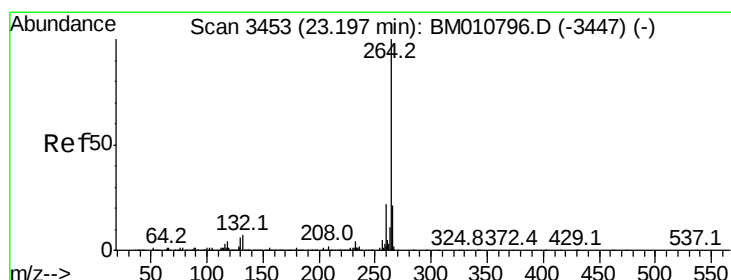
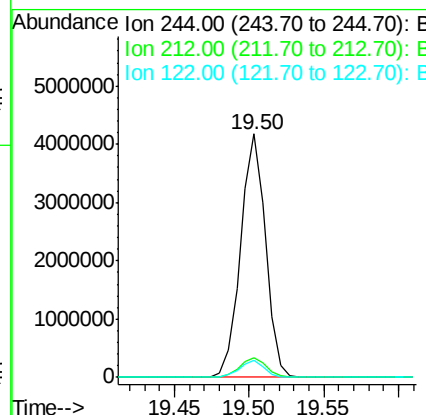
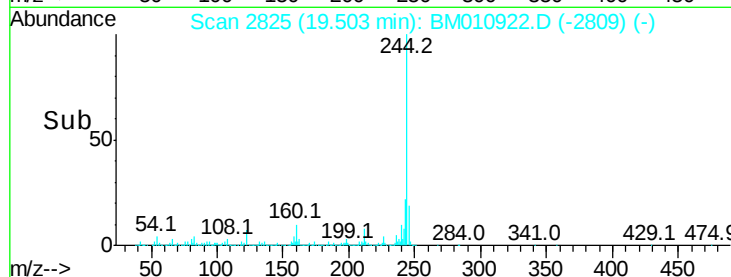
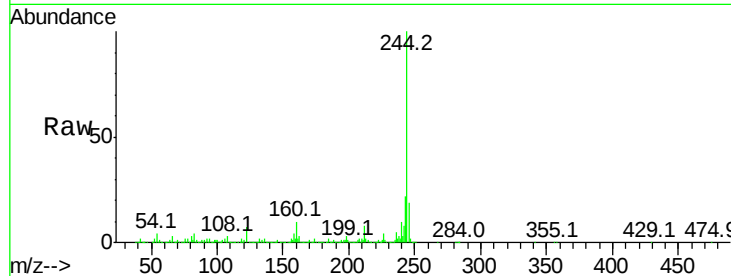
Acq: 20 Jul 2017 23:17

Instrument :
BNA_M

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

Tot Ion:244 Resp: 4872365

Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.9	7.3#
122	6.9	6.2	9.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.19 min Scan# 3451

Delta R.T. -0.01 min

Lab File: BM010922.D

Acq: 20 Jul 2017 23:17

Tgt Ion:264 Resp: 949054

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	22.1	17.3	25.9

