

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072617\
 Data File : BM010996.D
 Acq On : 27 Jul 2017 06:23
 Operator : SJ/JU
 Sample : I4414-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-072417

Quant Time: Jul 27 10:19:39 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

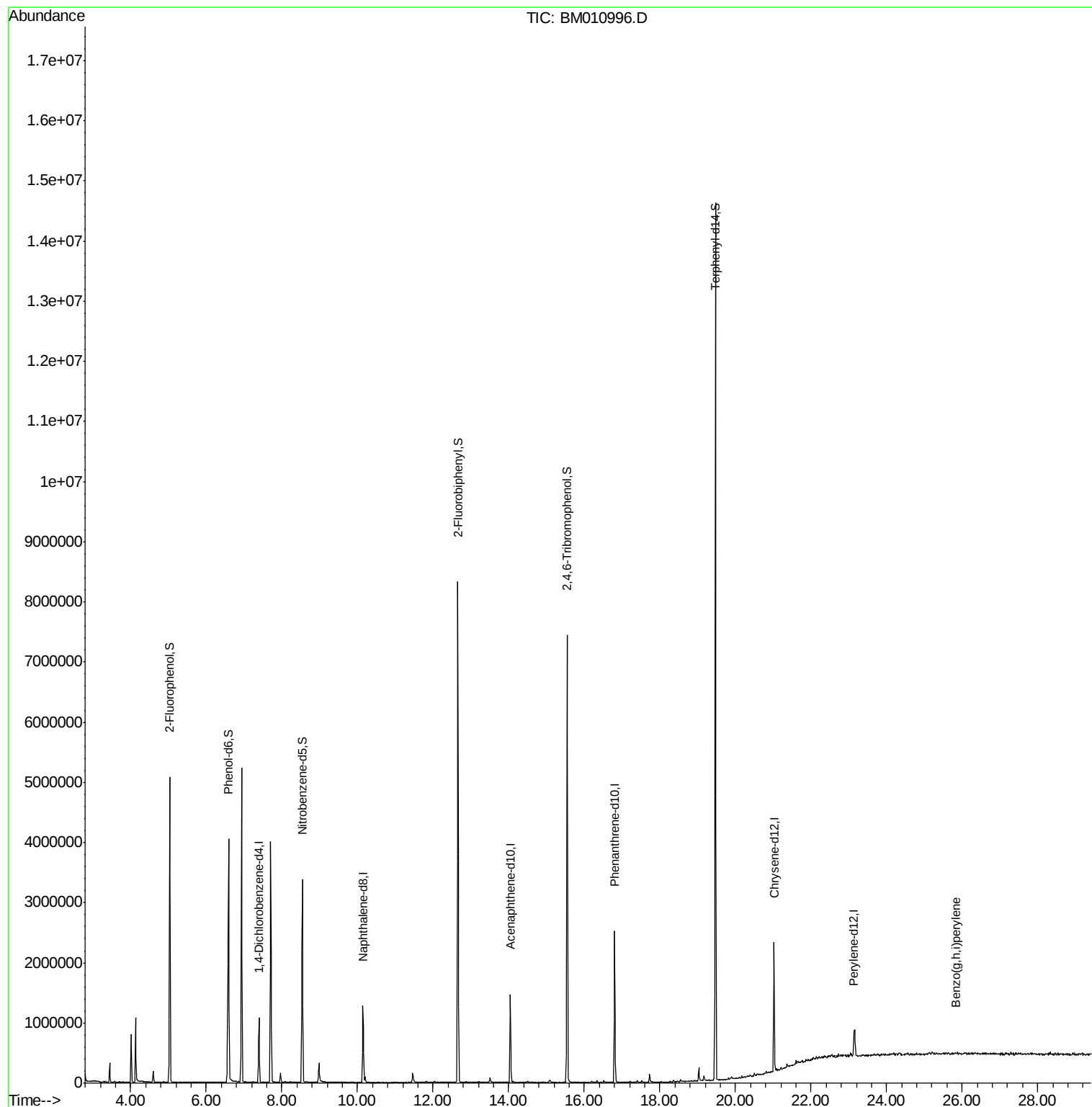
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	211645	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	801622	20.00	ng	0.00
38) Acenaphthene-d10	14.05	164	389003	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	1240020	20.00	ng	0.00
75) Chrysene-d12	21.02	240	828282	20.00	ng	0.00
86) Perylene-d12	23.13	264	72262	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1499748	119.79	ng	0.00
7) Phenol-d6	6.59	99	1633618	91.83	ng	0.00
23) Nitrobenzene-d5	8.54	82	1819938	85.21	ng	0.00
41) 2,4,6-Tribromophenol	15.55	330	1048477	168.16	ng	0.00
44) 2-Fluorobiphenyl	12.66	172	3536007	114.00	ng	0.00
78) Terphenyl-d14	19.47	244	5182094	123.93	ng	0.00
Target Compounds						
91) Benzo(g,h,i)perylene	25.83	276	23278	6.093	ng	Qvalue # 87

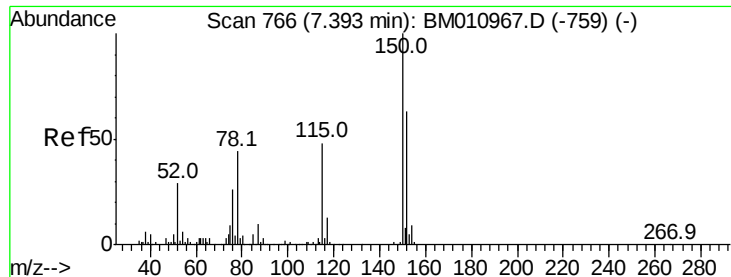
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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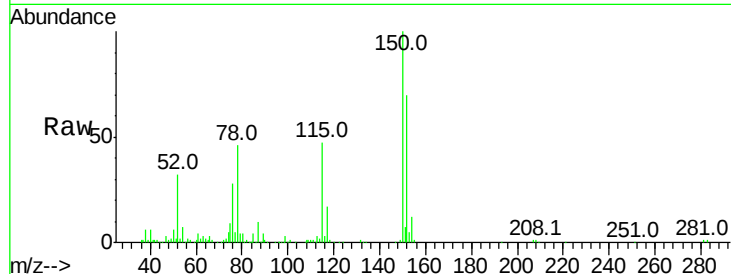


#1

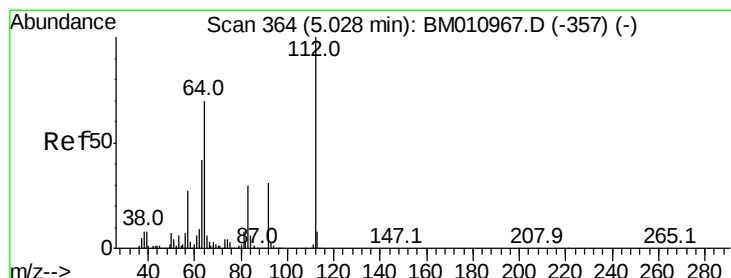
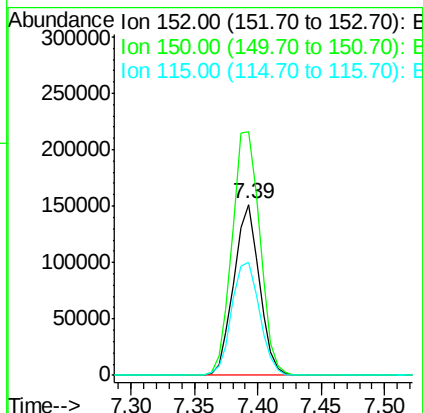
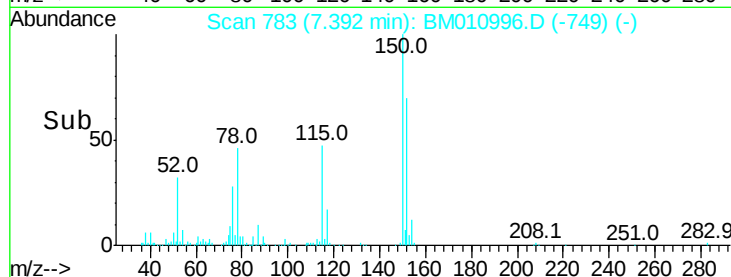
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 783
Delta R.T. -0.00 min
Lab File: BM010996.D
Acq: 27 Jul 2017 06:23

Instrument :
BNA_M
ClientSampleId :
OR-03-072417

Tot Ion:152 Resp: 211645
Ion Ratio Lower Upper
152 100
150 142.2 119.5 179.3
115 66.2 43.0 64.4#



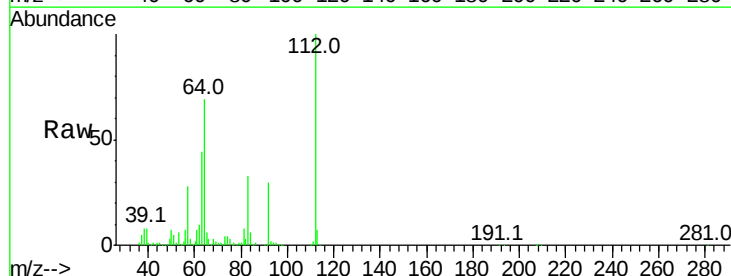
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



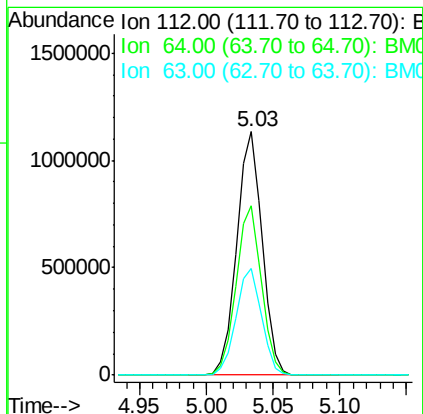
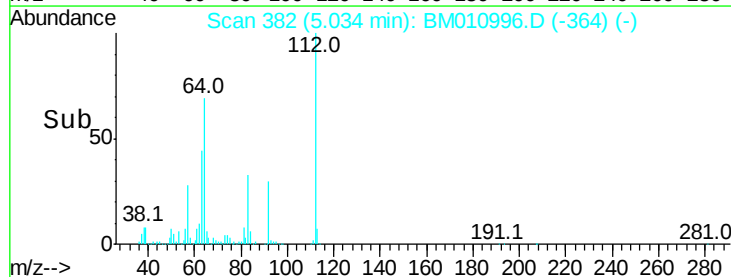
#5

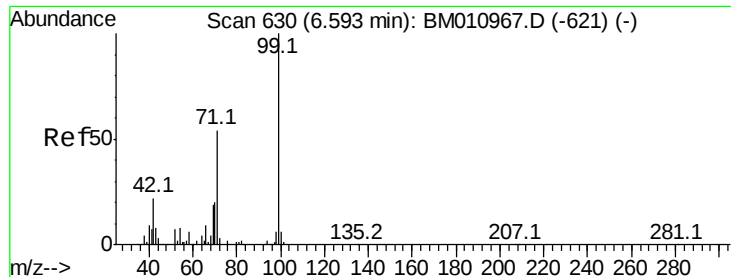
2-Fluorophenol
Concen: 119.787 ng
RT: 5.03 min Scan# 382
Delta R.T. 0.01 min
Lab File: BM010996.D
Acq: 27 Jul 2017 06:23

Tgt Ion:112 Resp: 1499748
Ion Ratio Lower Upper
112 100
64 69.5 38.6 57.8#
63 43.8 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: 91.834 ng

RT: 6.59 min Scan# 647

Delta R.T. -0.00 min

Lab File: BM010996.D

Acq: 27 Jul 2017 06:23

Instrument :

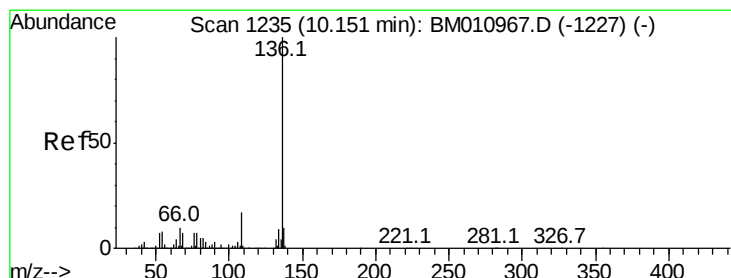
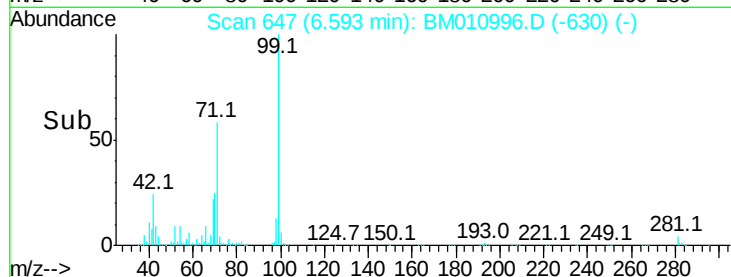
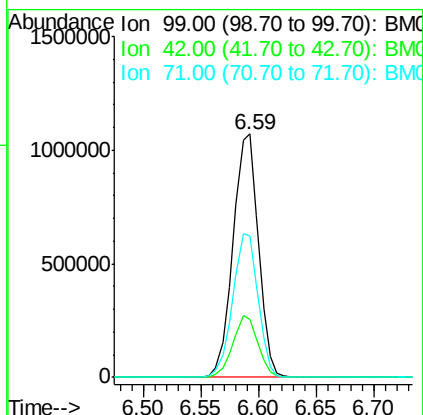
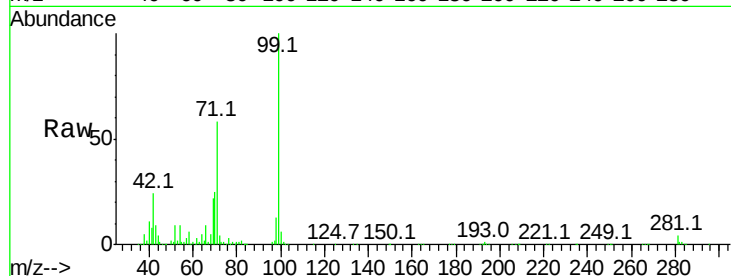
BNA_M

ClientSampleId :

OR-03-072417

Tot Ion: 99 Resp: 1633618

Ion	Ratio	Lower	Upper
99	100		
42	24.0	11.0	16.4#
71	58.2	23.4	35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.15 min Scan# 1251

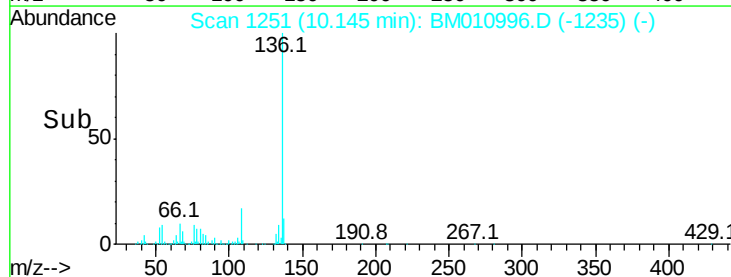
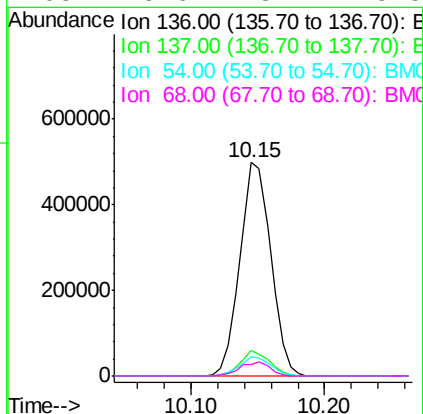
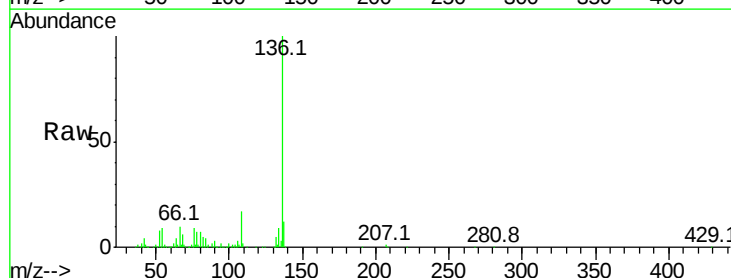
Delta R.T. -0.01 min

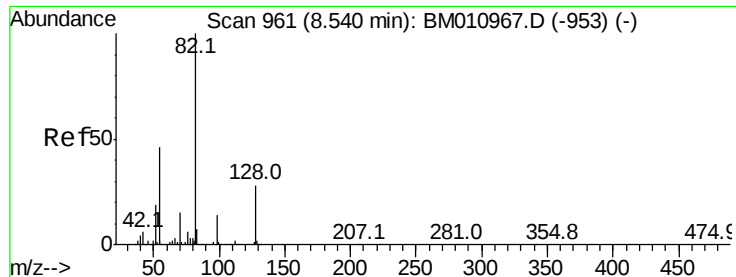
Lab File: BM010996.D

Acq: 27 Jul 2017 06:23

Tgt Ion: 136 Resp: 801622

Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.7	13.1
54	9.1	4.6	6.8#
68	5.6	3.7	5.5#





#23

Nitrobenzene-d5

Concen: 85.209 ng

RT: 8.54 min Scan# 978

Delta R.T. -0.00 min

Lab File: BM010996.D

Acq: 27 Jul 2017 06:23

Instrument :

BNA_M

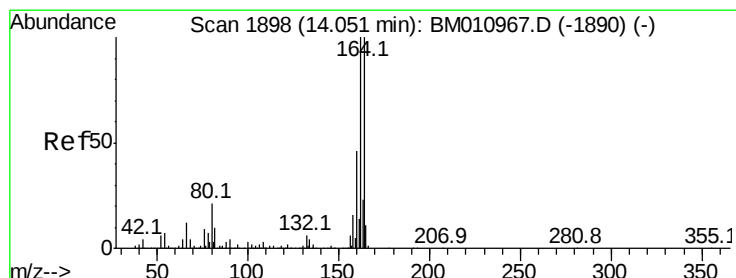
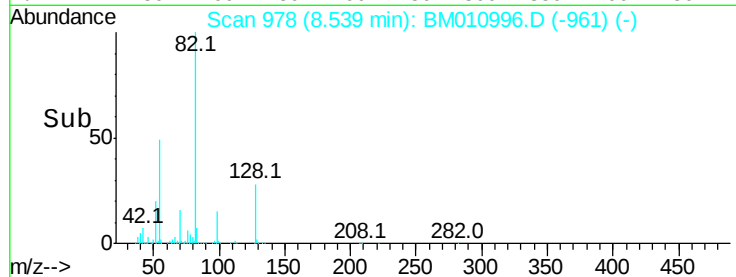
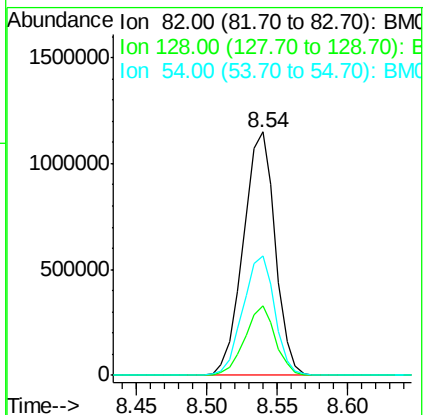
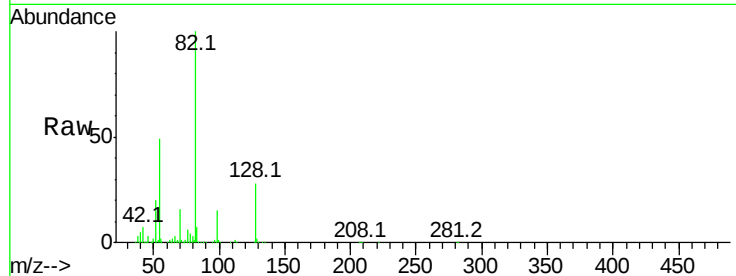
ClientSampleId :

OR-03-072417

Tot Ion: 82 Resp: 1819938

Ion Ratio Lower Upper

82	100		
128	28.4	32.8	49.2#
54	49.3	40.6	60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.05 min Scan# 1914

Delta R.T. -0.01 min

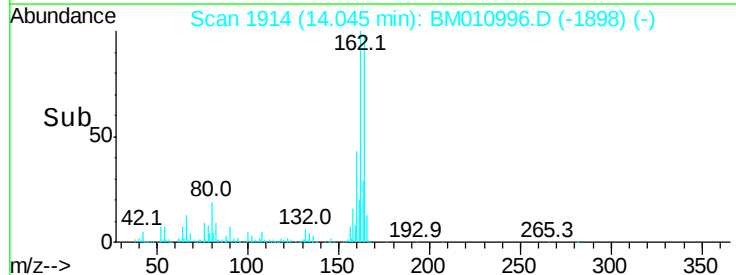
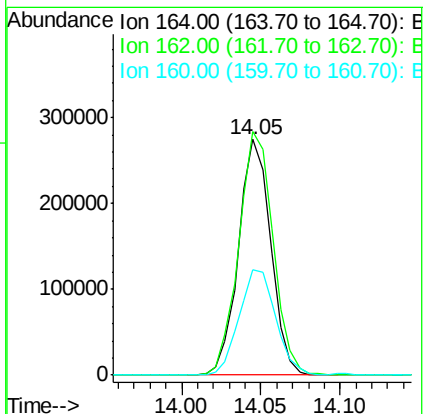
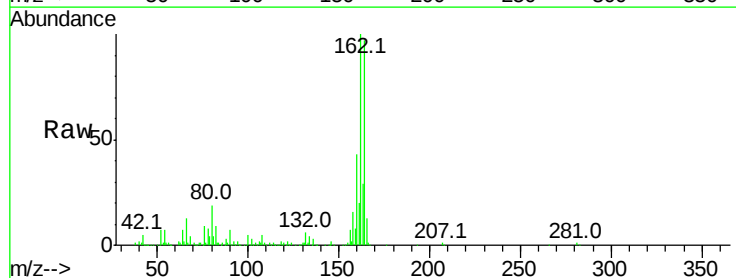
Lab File: BM010996.D

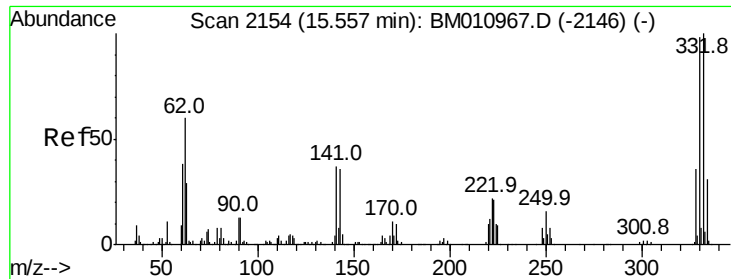
Acq: 27 Jul 2017 06:23

Tgt Ion:164 Resp: 389003

Ion Ratio Lower Upper

164	100		
162	103.4	82.4	123.6
160	44.6	35.8	53.6

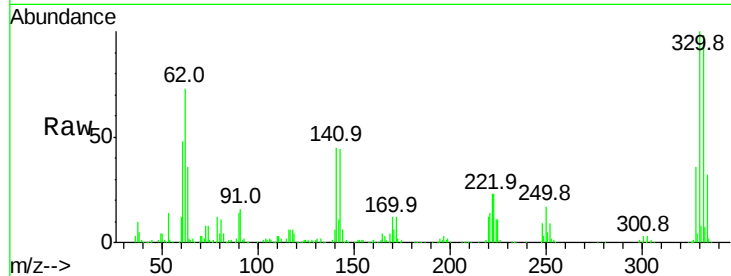




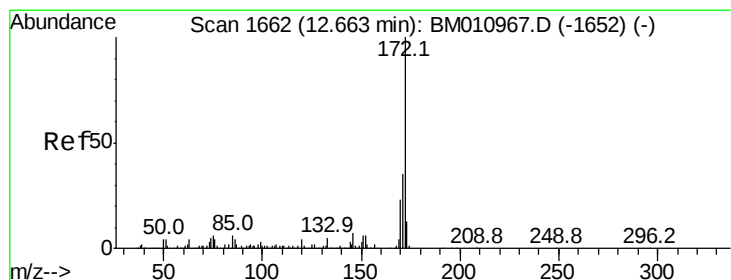
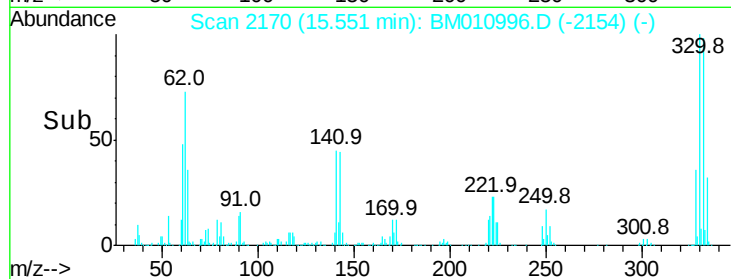
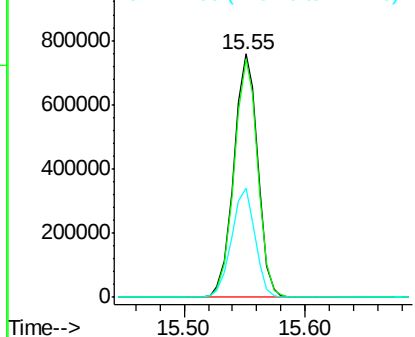
#41
 2,4,6-Tribromophenol
 Concen: 168.163 ng
 RT: 15.55 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BM010996.D
 Acq: 27 Jul 2017 06:23

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-072417

Tot Ion:330 Resp: 1048477
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 44.0 0.0 0.0#

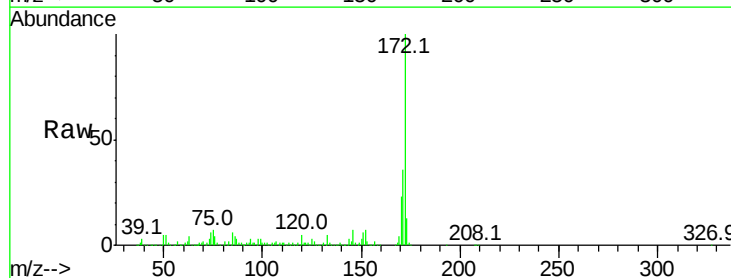


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

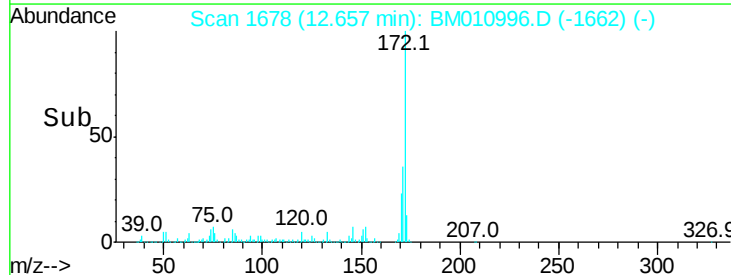
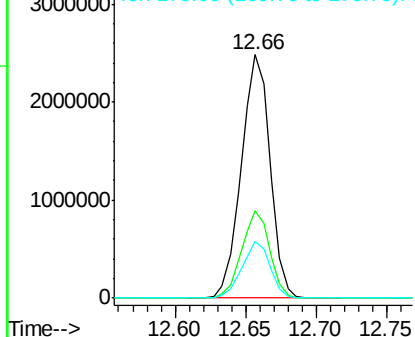


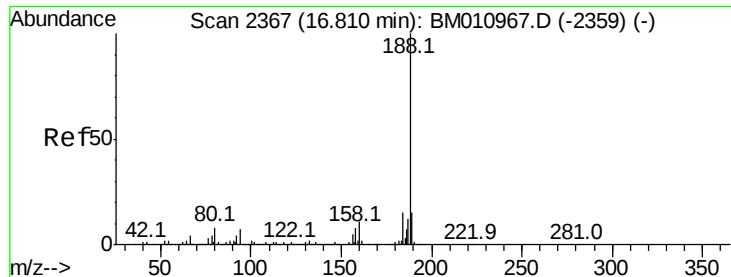
#44
 2-Fluorobiphenyl
 Concen: 114.000 ng
 RT: 12.66 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM010996.D
 Acq: 27 Jul 2017 06:23

Tgt Ion:172 Resp: 3536007
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.5 42.7
 170 23.5 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

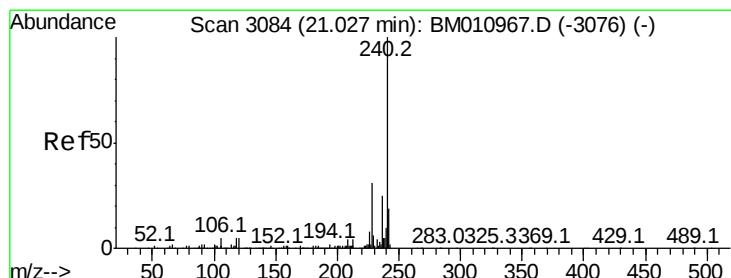
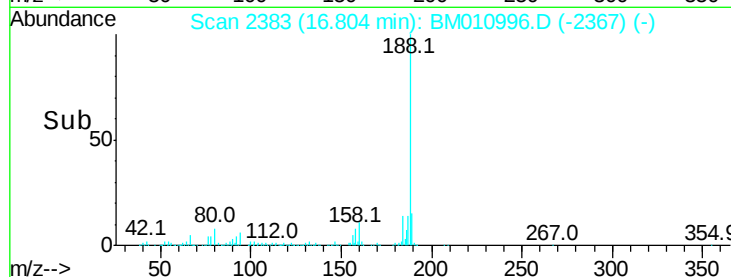
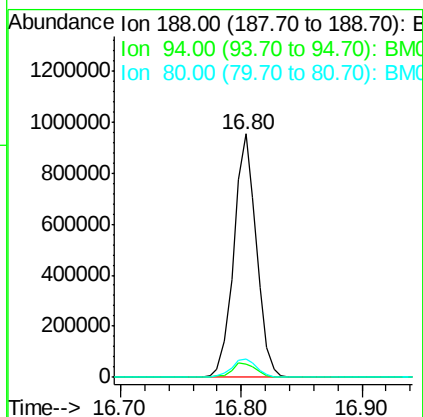
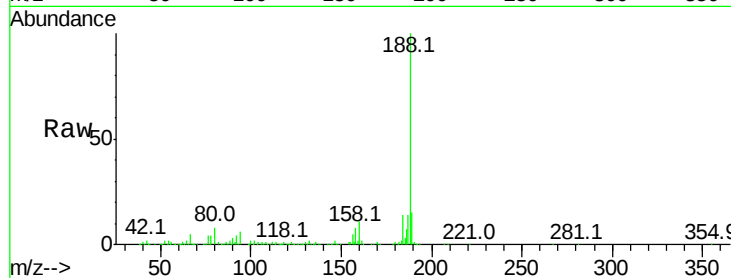




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM010996.D
Acq: 27 Jul 2017 06:23

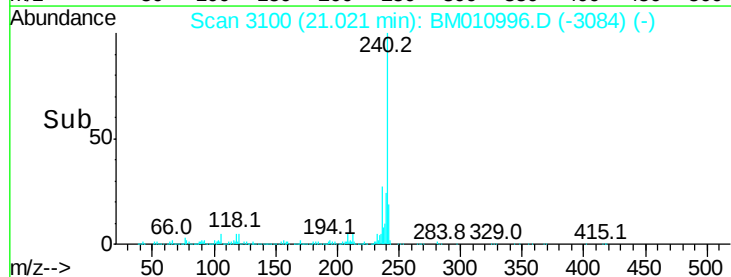
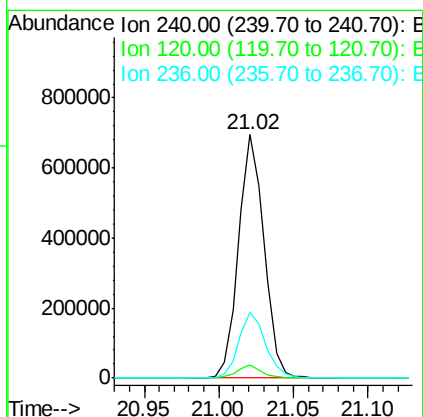
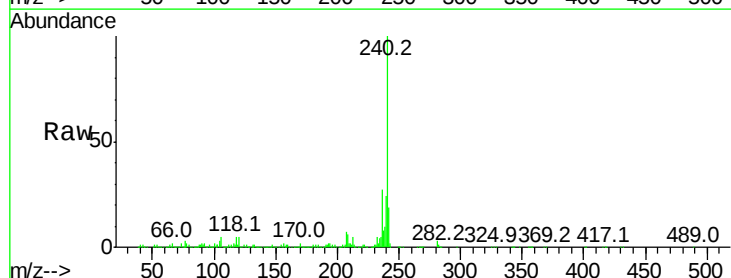
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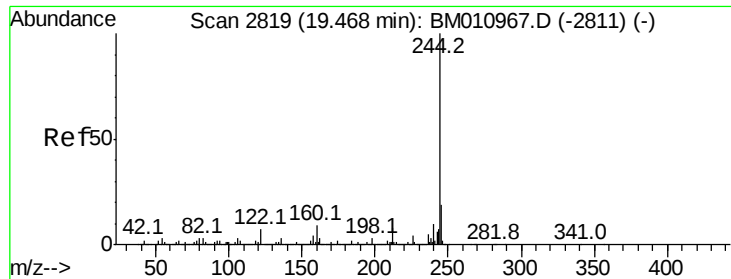
Tot Ion:188 Resp: 1240020
Ion Ratio Lower Upper
188 100
94 5.6 8.7 13.1#
80 7.7 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM010996.D
Acq: 27 Jul 2017 06:23

Tgt Ion:240 Resp: 828282
Ion Ratio Lower Upper
240 100
120 5.2 8.2 12.2#
236 27.0 20.0 30.0





#78

Terphenyl-d14

Concen: 123.932 ng

RT: 19.47 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BM010996.D

Acq: 27 Jul 2017 06:23

Instrument :

BNA_M

ClientSampleId :

OR-03-072417

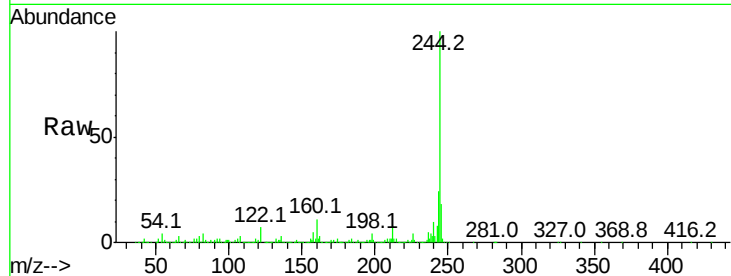
Tot Ion:244 Resp: 5182094

Ion Ratio Lower Upper

244 100

212 8.4 4.9 7.3#

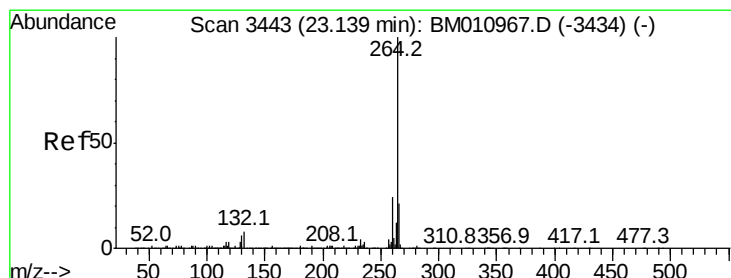
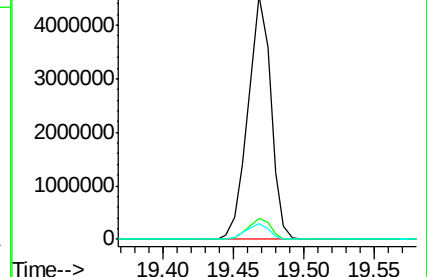
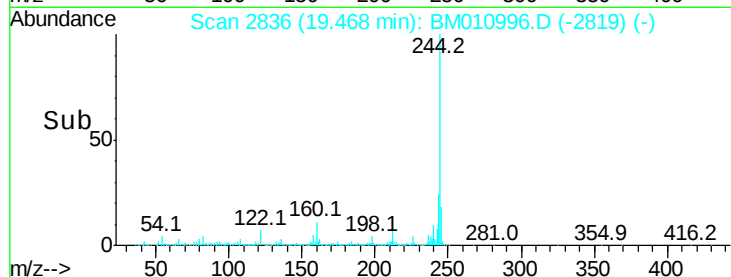
122 6.6 6.2 9.4



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: 23.13 min Scan# 3459

Delta R.T. -0.01 min

Lab File: BM010996.D

Acq: 27 Jul 2017 06:23

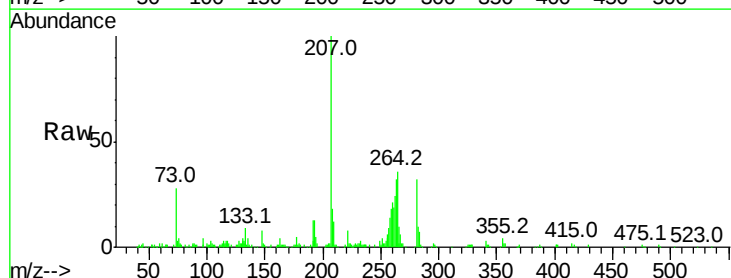
Tgt Ion:264 Resp: 72262

Ion Ratio Lower Upper

264 100

260 57.5 18.6 27.8#

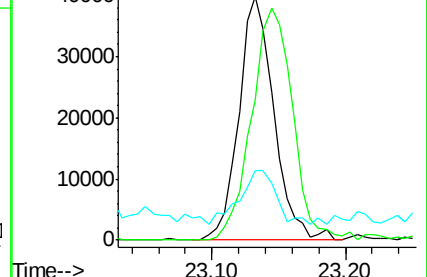
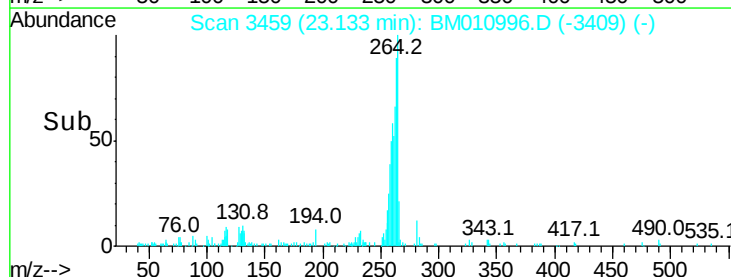
265 28.8 17.3 25.9#

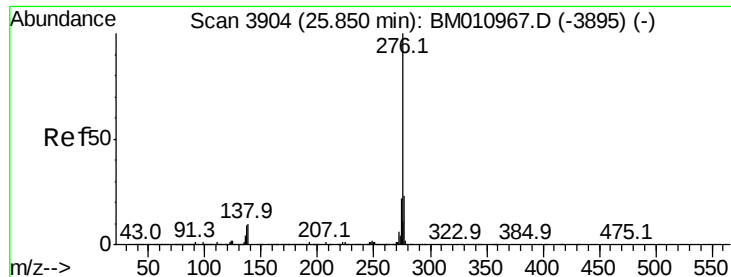


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#91

Benzo(a,h,i)perylene

Concen: 6.093 ng

RT: 25.83 min Scan# 3918

Delta R.T. -0.02 min

Lab File: BM010996.D

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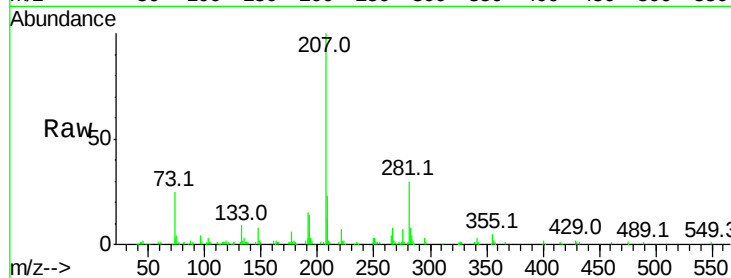
Tot Ion:276 Resp: 23278

Ion Ratio Lower Upper

276 100

277 21.0 18.5 27.7

138 12.9 19.0 28.6#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

