

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
 Data File : BM010147.D
 Acq On : 23 May 2017 18:17
 Operator : SJ/MA
 Sample : I3245-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FB

Quant Time: May 24 05:37:41 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:25:49 2017
 Response via : Initial Calibration

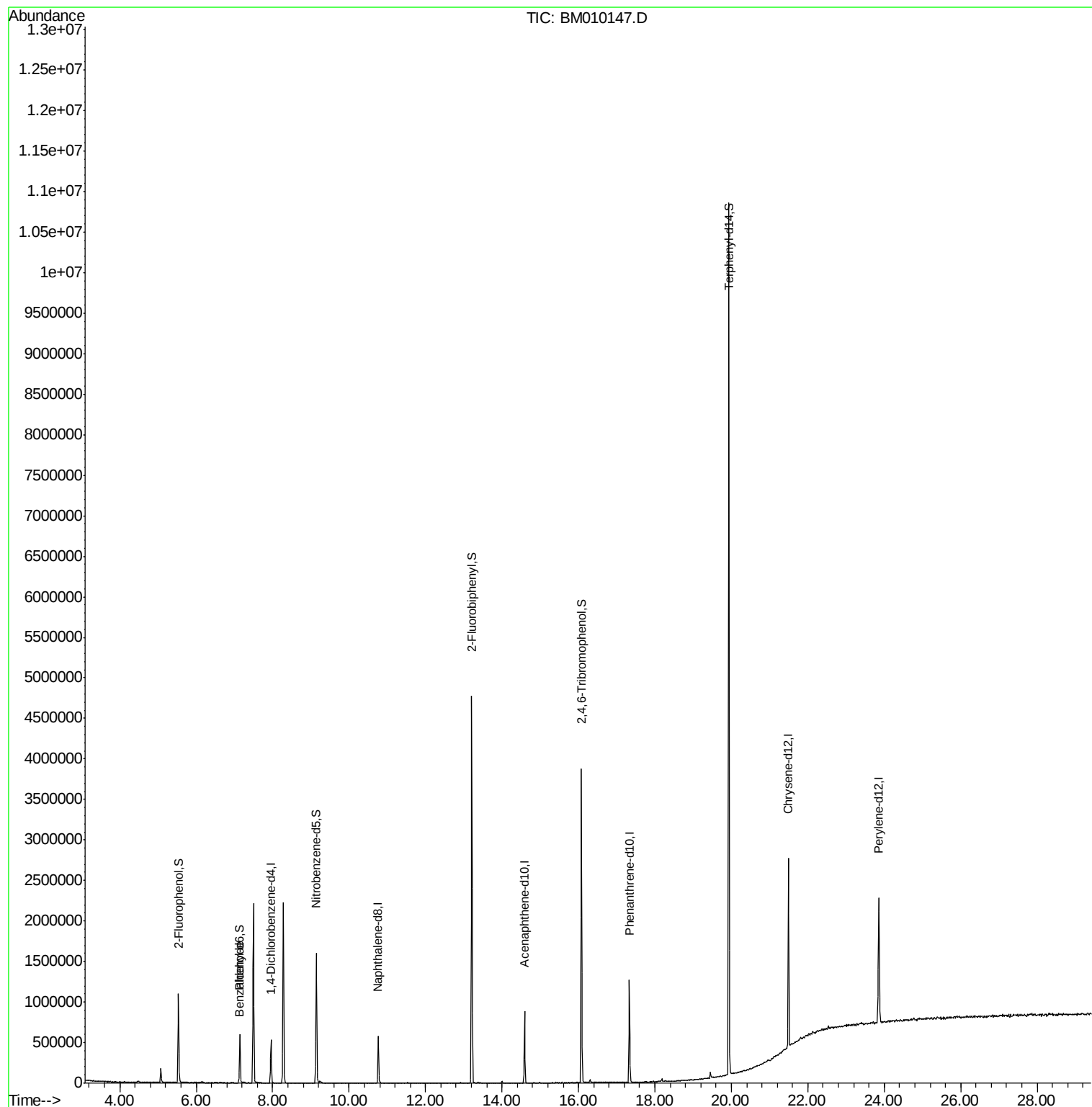
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	128981	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	432915	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	283218	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	724057	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1110674	20.00	ng	-0.02
86) Perylene-d12	23.86	264	1234774	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	413020	57.83	ng	-0.02
7) Phenol-d6	7.14	99	291374	31.70	ng	-0.03
23) Nitrobenzene-d5	9.15	82	892022	111.17	ng	-0.02
41) 2,4,6-Tribromophenol	16.08	330	680730	158.25	ng	-0.02
44) 2-Fluorobiphenyl	13.21	172	2267608	102.93	ng	-0.02
78) Terphenyl-d14	19.93	244	4623030	94.64	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.12	77	15713	2.75	ng	Qvalue 96

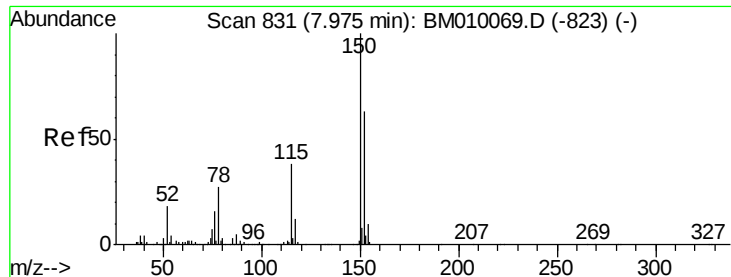
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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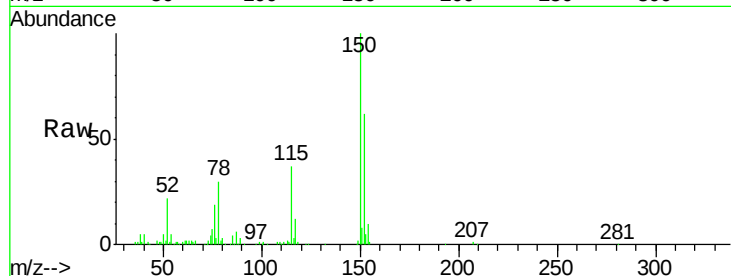


#1

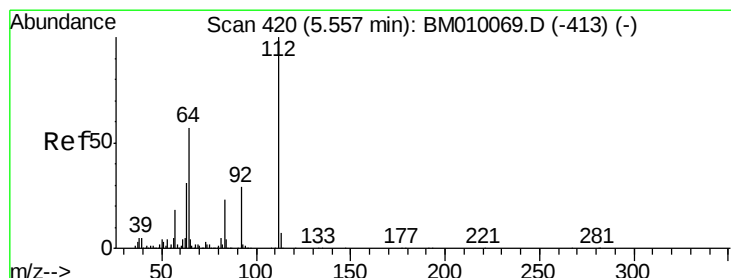
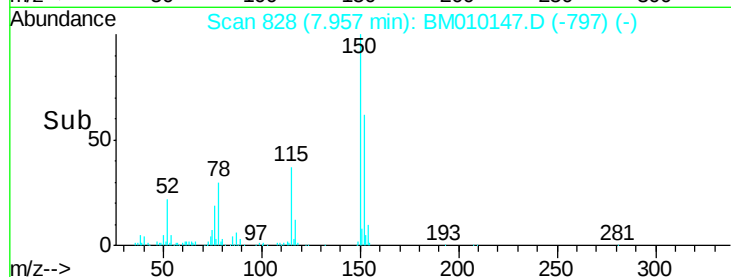
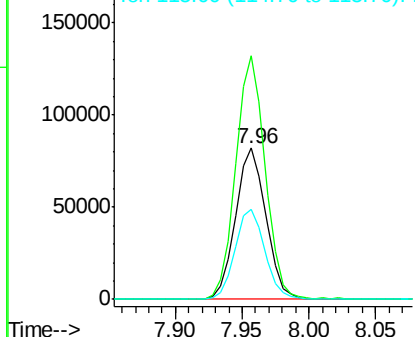
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.96 min Scan# 828
Delta R.T. -0.02 min
Lab File: BM010147.D
Acq: 23 May 2017 18:17

Instrument :
BNA_M
ClientSampleId :
FB

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.4	119.5	179.3
115	59.6	43.0	64.4



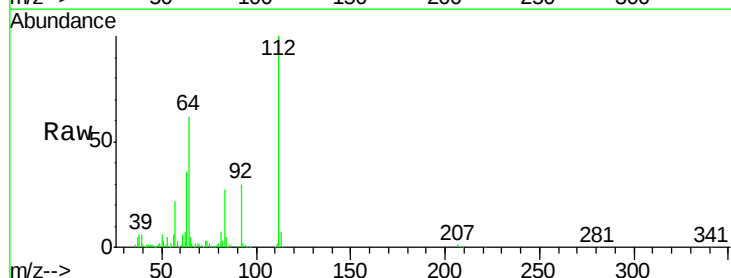
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



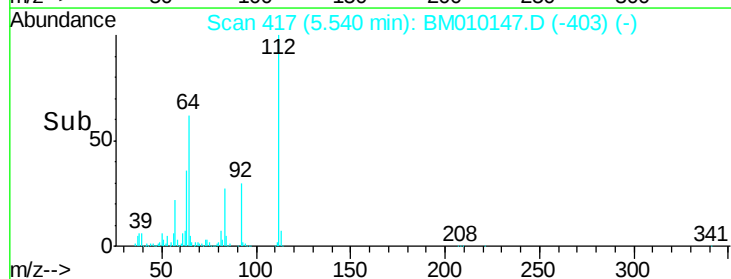
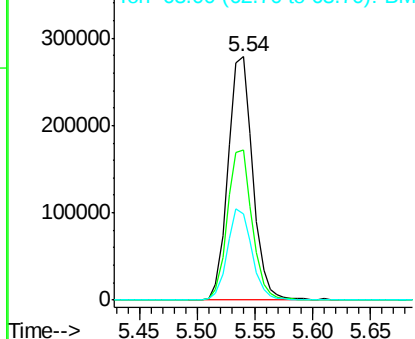
#5

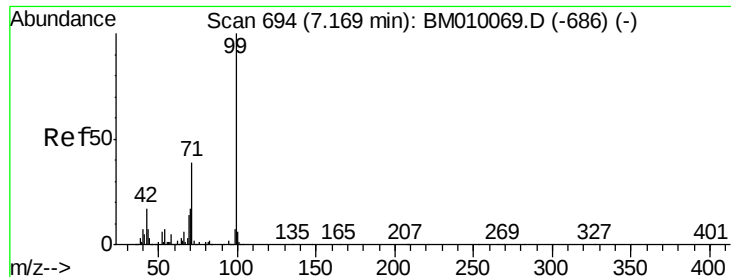
2-Fluorophenol
Concen: 57.83 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.02 min
Lab File: BM010147.D
Acq: 23 May 2017 18:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.5	38.6	57.8#
63	35.6	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: 31.70 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010147.D

Acq: 23 May 2017 18:17

Instrument :

BNA_M

ClientSampled :

FB

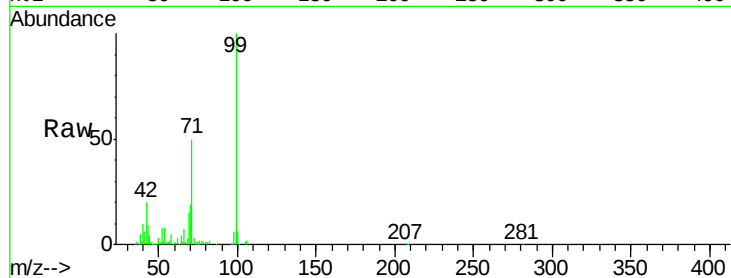
Tgt Ion: 99 Resp: 291374

Ion Ratio Lower Upper

99 100

42 20.2 11.0 16.4#

71 50.5 23.4 35.2#

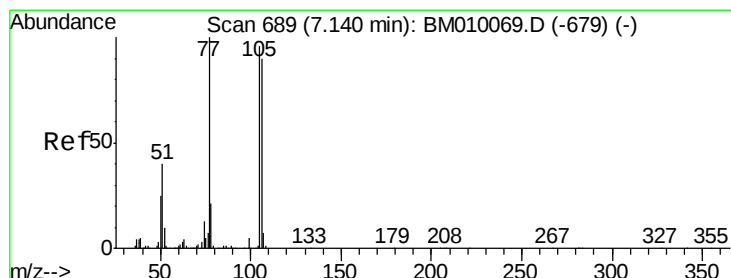
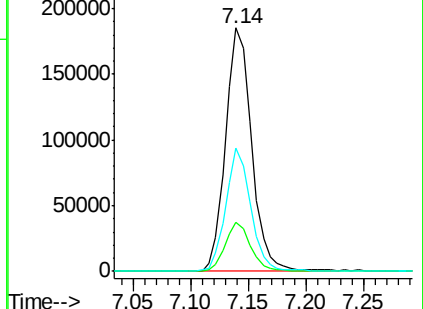
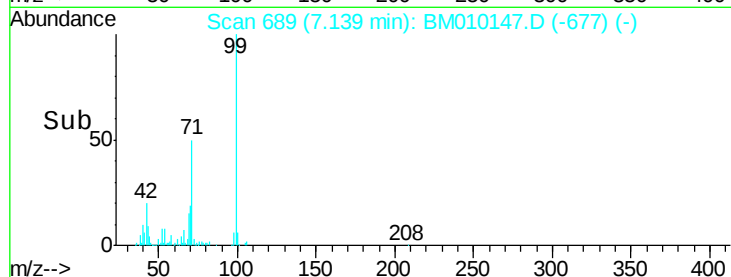


Abundance Ion 99.00 (98.70 to 99.70): BM010069.D (-686) (-)

Ion 42.00 (41.70 to 42.70): BM010069.D (-686) (-)

Ion 71.00 (70.70 to 71.70): BM010069.D (-686) (-)

Time-->



#9

Benzaldehyde

Concen: 2.75 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.02 min

Lab File: BM010147.D

Acq: 23 May 2017 18:17

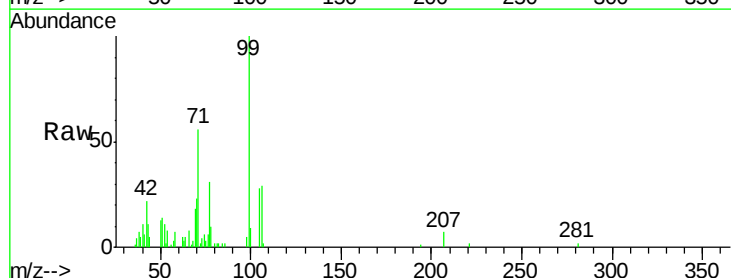
Tgt Ion: 77 Resp: 15713

Ion Ratio Lower Upper

77 100

105 91.4 78.8 118.8

106 94.5 73.7 113.7

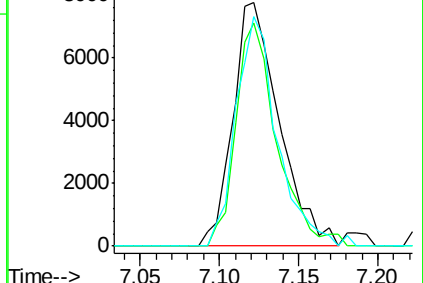
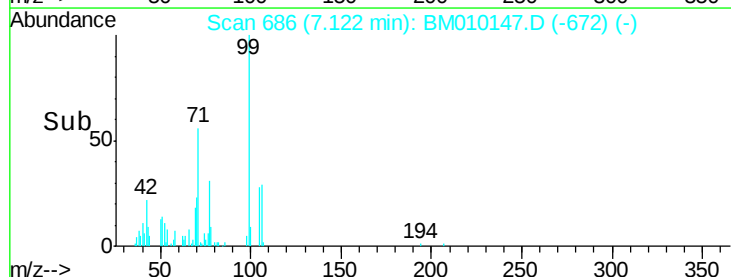


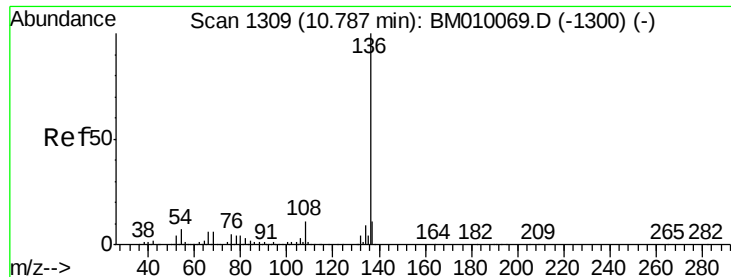
Abundance Ion 77.00 (76.70 to 77.70): BM010069.D (-679) (-)

Ion 105.00 (104.70 to 105.70): BM010069.D (-679) (-)

Ion 106.00 (105.70 to 106.70): BM010069.D (-679) (-)

Time-->

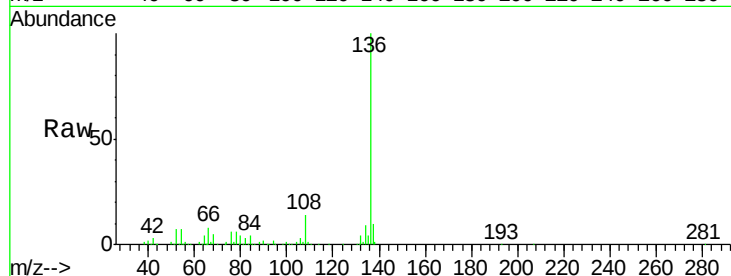




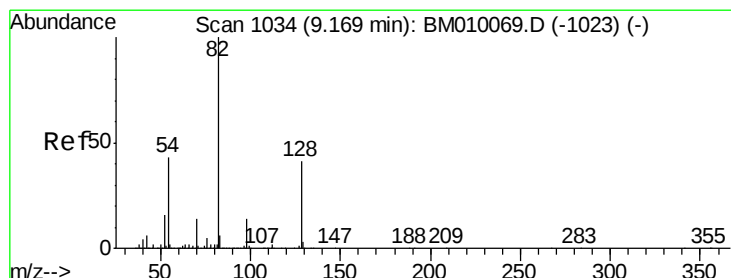
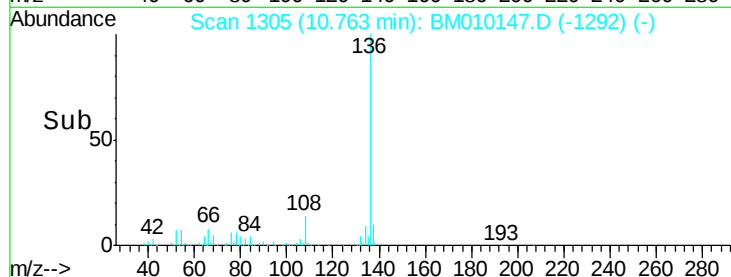
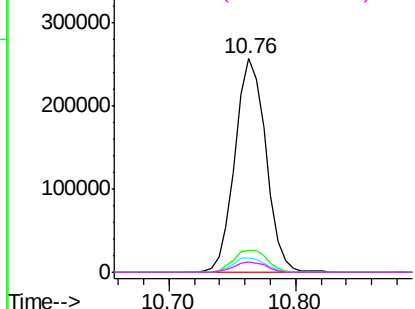
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BM010147.D
Acq: 23 May 2017 18:17

Instrument :
BNA_M
ClientSampleId :
FB

Tgt Ion:	136	Resp:	432915
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	6.6	4.6	6.8
68	4.9	3.7	5.5

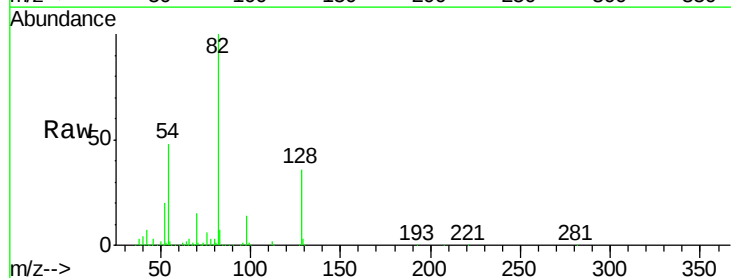


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

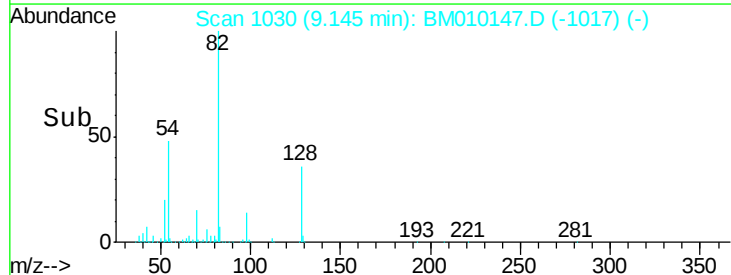
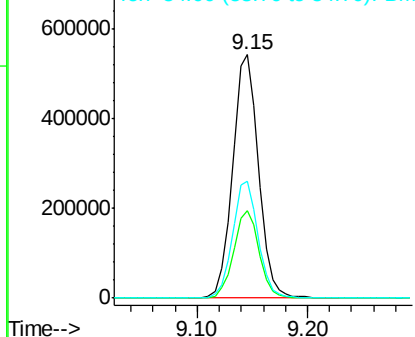


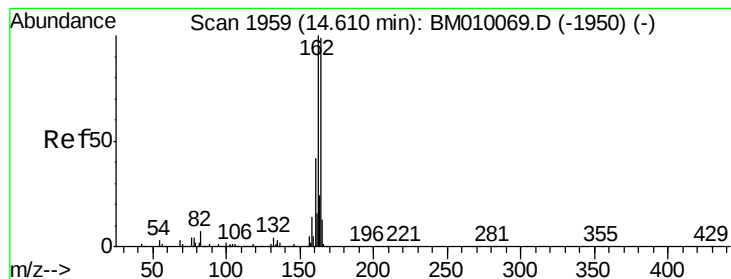
#23
Nitrobenzene-d5
Concen: 111.17 ng
RT: 9.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BM010147.D
Acq: 23 May 2017 18:17

Tgt Ion:	82	Resp:	892022
Ion	Ratio	Lower	Upper
82	100		
128	36.1	32.8	49.2
54	48.2	40.6	60.8



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.59 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BM010147.D

Acq: 23 May 2017 18:17

Instrument :

BNA_M

ClientSampleId :

FB

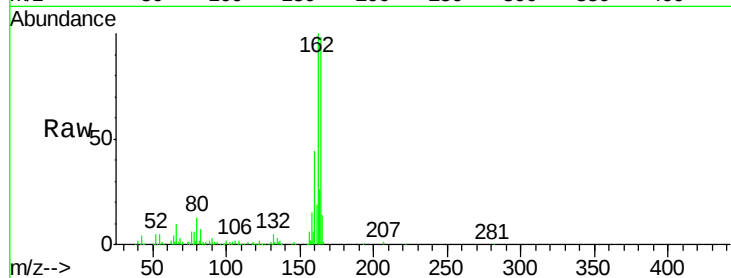
Tgt Ion:164 Resp: 283218

Ion Ratio Lower Upper

164 100

162 102.0 82.4 123.6

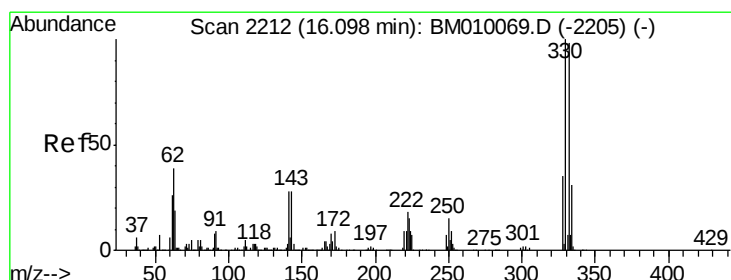
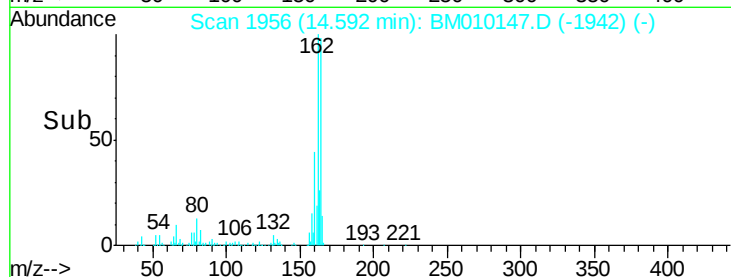
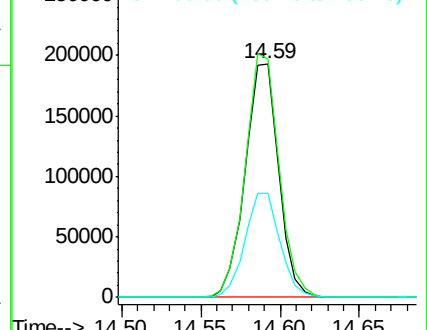
160 44.6 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 158.25 ng

RT: 16.08 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BM010147.D

Acq: 23 May 2017 18:17

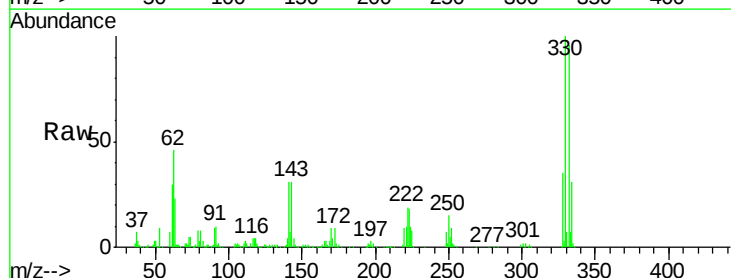
Tgt Ion:330 Resp: 680730

Ion Ratio Lower Upper

330 100

332 95.9 0.0 0.0#

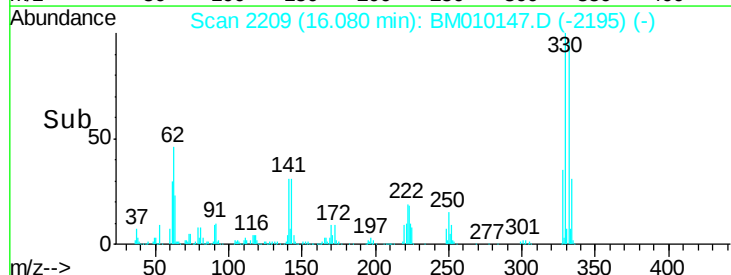
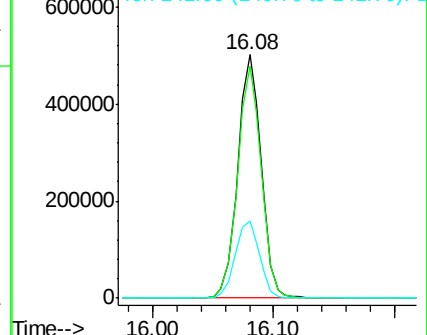
141 33.0 0.0 0.0#

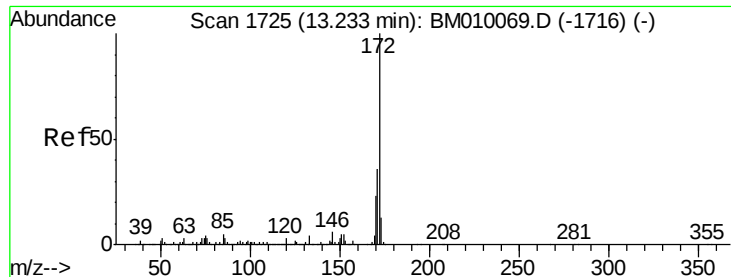


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

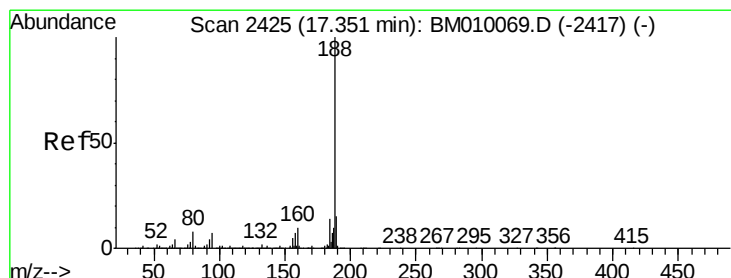
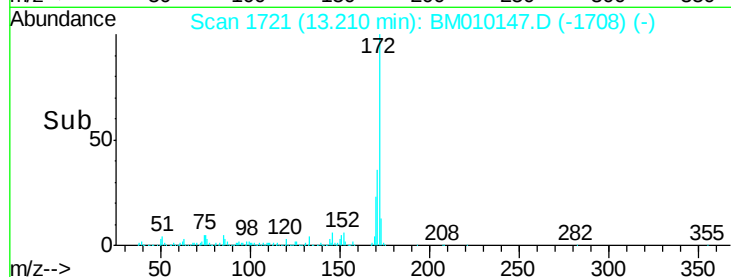
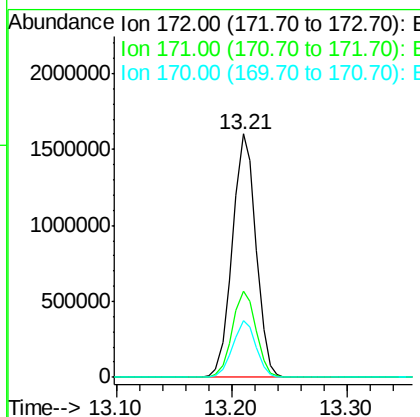
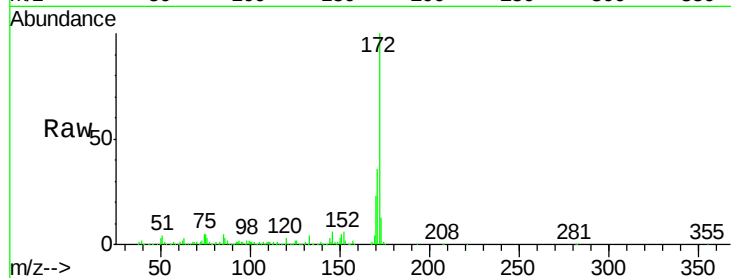




#44
 2-Fluorobiphenyl
 Concen: 102.93 ng
 RT: 13.21 min Scan# 1721
 Delta R.T. -0.02 min
 Lab File: BM010147.D
 Acq: 23 May 2017 18:17

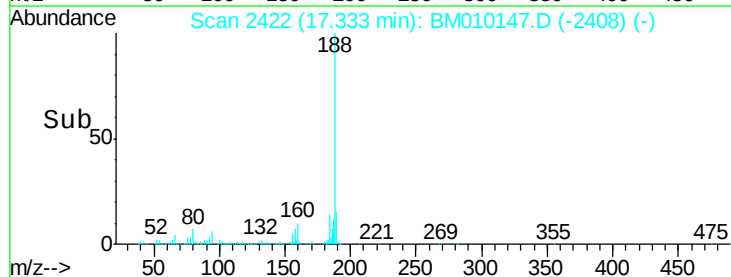
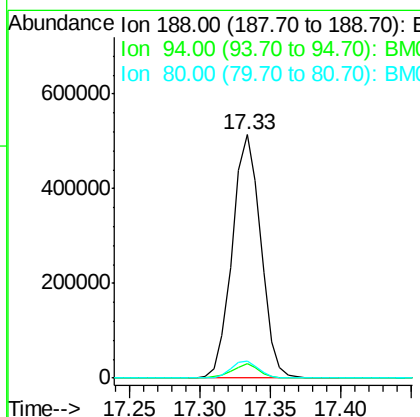
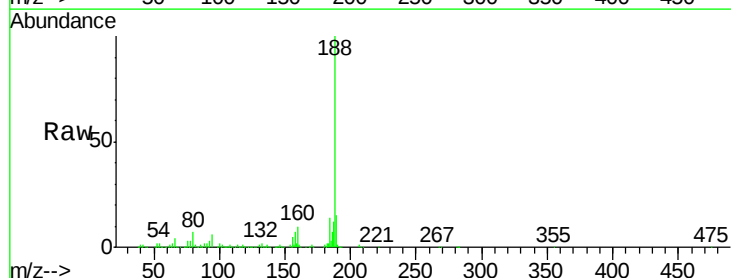
Instrument :
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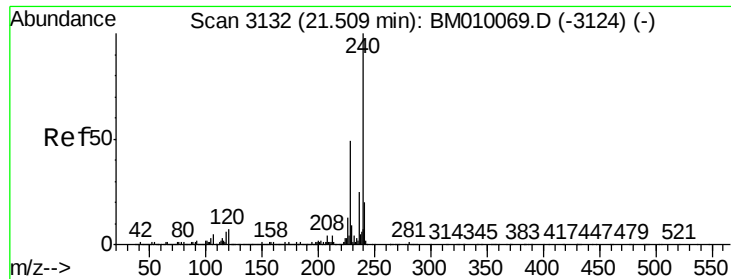
Tgt Ion:172 Resp: 2267608
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 23.3 18.8 28.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.33 min Scan# 2422
 Delta R.T. -0.02 min
 Lab File: BM010147.D
 Acq: 23 May 2017 18:17

Tgt Ion:188 Resp: 724057
 Ion Ratio Lower Upper
 188 100
 94 5.8 8.7 13.1#
 80 6.9 9.3 13.9#

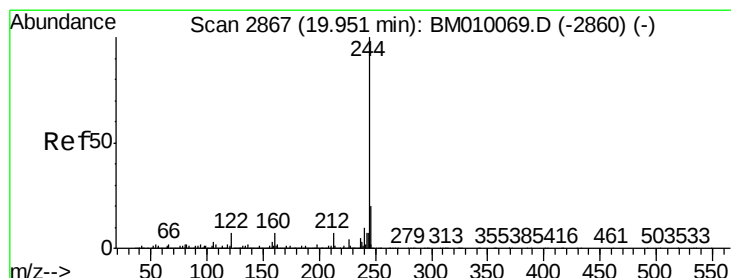
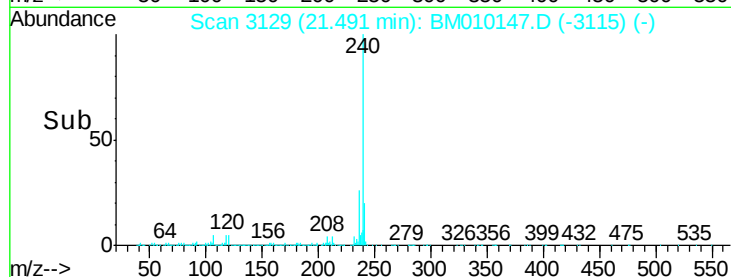
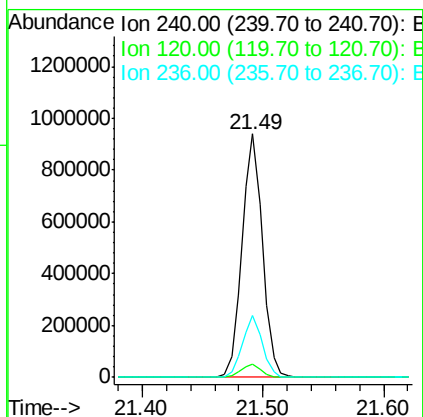
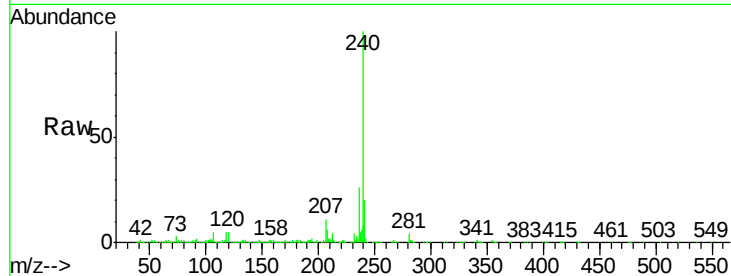




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.49 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BM010147.D
Acq: 23 May 2017 18:17

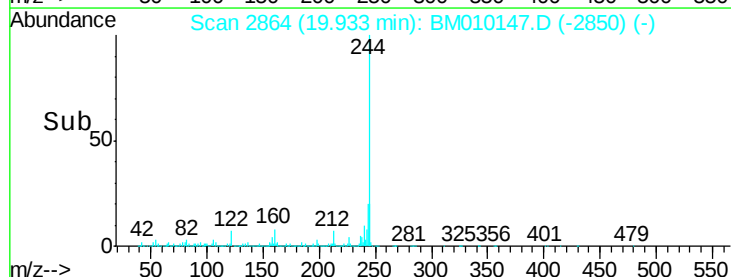
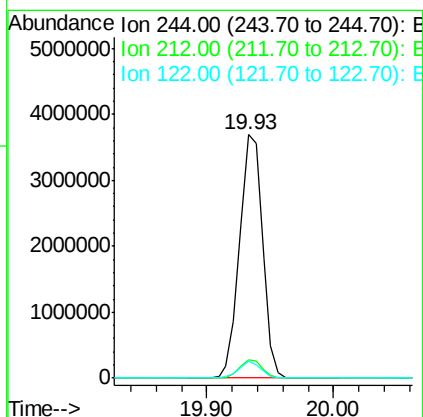
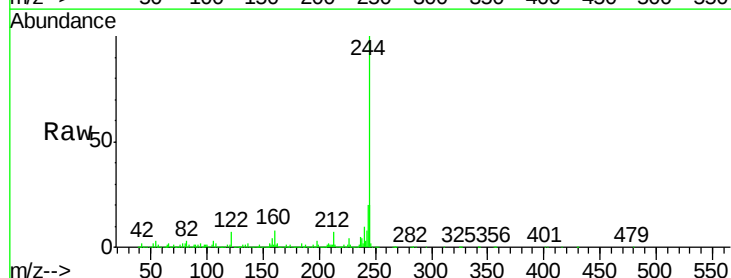
Instrument :
BNA_M
ClientSampleId :
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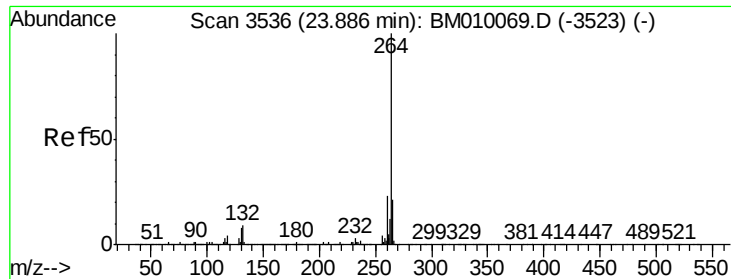
Tgt Ion:240 Resp: 1110674
Ion Ratio Lower Upper
240 100
120 5.2 8.2 12.2#
236 25.6 20.0 30.0



#78
Terphenyl-d14
Concen: 94.64 ng
RT: 19.93 min Scan# 2864
Delta R.T. -0.02 min
Lab File: BM010147.D
Acq: 23 May 2017 18:17

Tgt Ion:244 Resp: 4623030
Ion Ratio Lower Upper
244 100
212 7.3 4.9 7.3
122 6.8 6.2 9.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.86 min Scan# 3531
Delta R.T. -0.03 min
Lab File: BM010147.D
Acq: 23 May 2017 18:17

Instrument :
BNA_M
ClientSampleId :
FB

Tgt Ion:264 Resp: 1234774

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	23.3	17.3	25.9

