

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020718\
 Data File : BM014168.D
 Acq On : 07 Feb 2018 19:31
 Operator : SJ/JU
 Sample : J1161-01
 Misc : LOD 2 PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 08 07:15:37 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 17:16:49 2018
 Response via : Initial Calibration

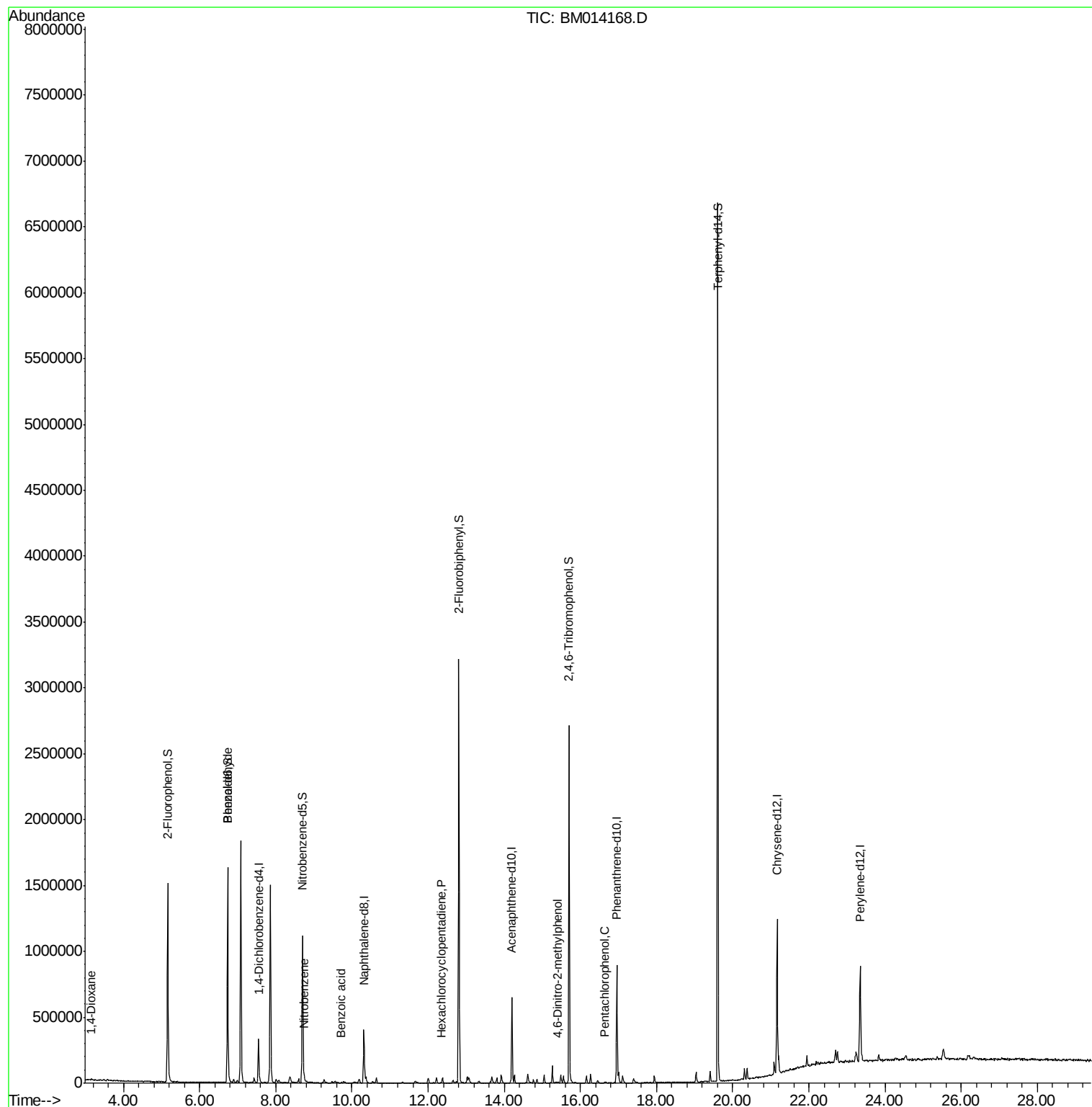
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	67955	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	285045	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	190424	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	474348	20.00	ng	0.00
75) Chrysene-d12	21.17	240	563487	20.00	ng	0.00
86) Perylene-d12	23.34	264	546155	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	505712	129.71	ng	0.00
7) Phenol-d6	6.73	99	671287	121.57	ng	0.00
23) Nitrobenzene-d5	8.70	82	609769	95.55	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	338650	125.33	ng	0.00
44) 2-Fluorobiphenyl	12.81	172	1353534	88.73	ng	0.00
78) Terphenyl-d14	19.60	244	2383550	82.65	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.15	88	4376	2.73	ng	# 100
9) Benzaldehyde	6.73	77	7960	2.00	ng	# 77
24) Nitrobenzene	8.75	77	13384	2.04	ng	# 98
32) Benzoic acid	9.71	122	114	6.22	ng	# 14
40) Hexachlorocyclopentadiene	12.33	237	2118	6.67	ng	# 87
64) 4,6-Dinitro-2-methylphenol	15.40	198	1311	5.93	ng	# 69
69) Pentachlorophenol	16.64	266	2180	6.42	ng	# 91

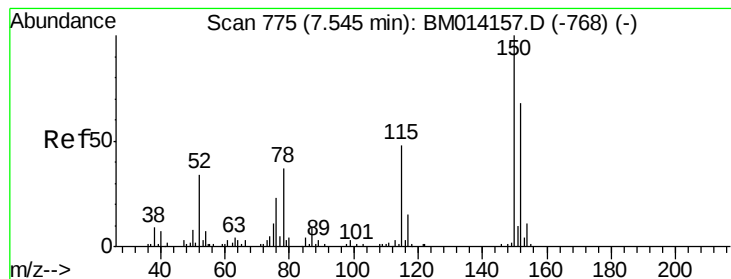
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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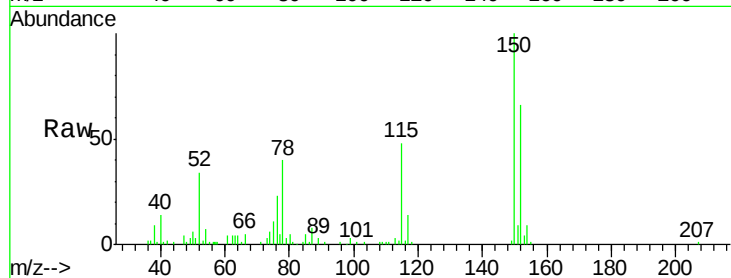


#1

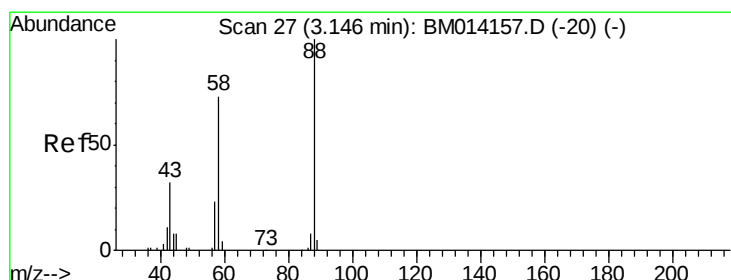
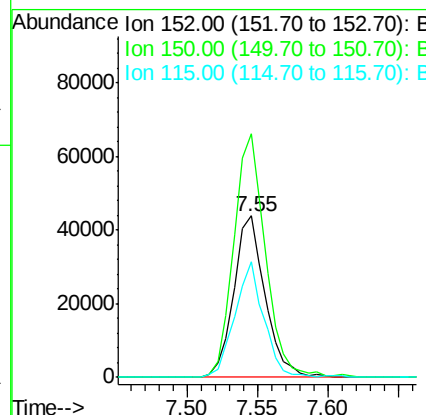
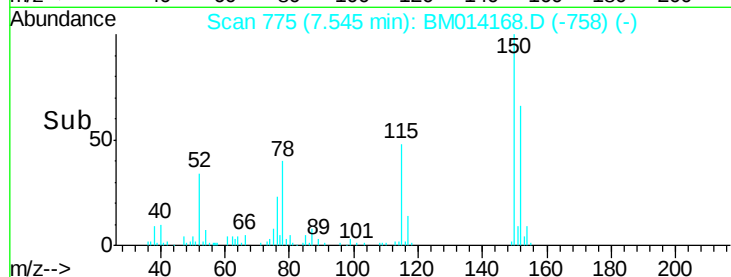
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.55 min Scan# 775
Delta R.T. -0.00 min
Lab File: BM014168.D
Acq: 07 Feb 2018 19:31

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 67955
Ion Ratio Lower Upper
152 100
150 150.7 119.5 179.3
115 71.7 43.0 64.4#



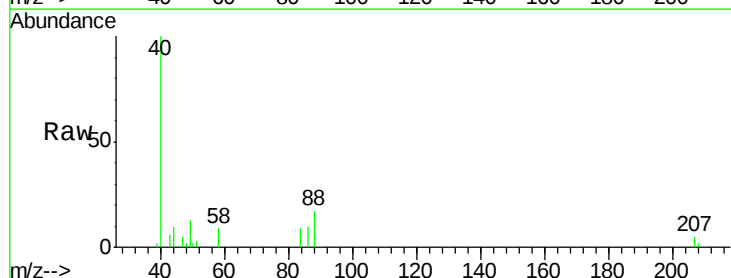
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



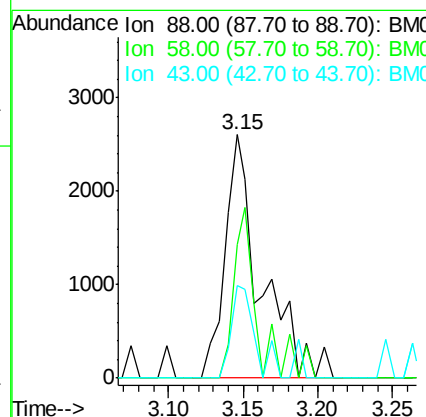
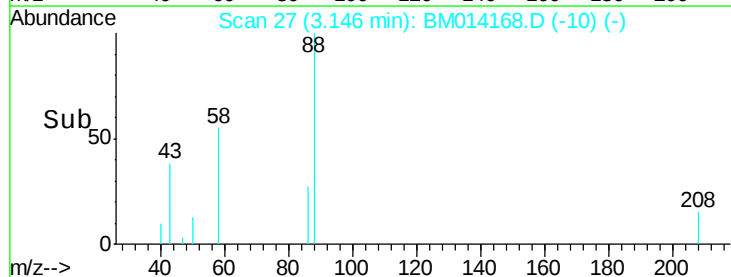
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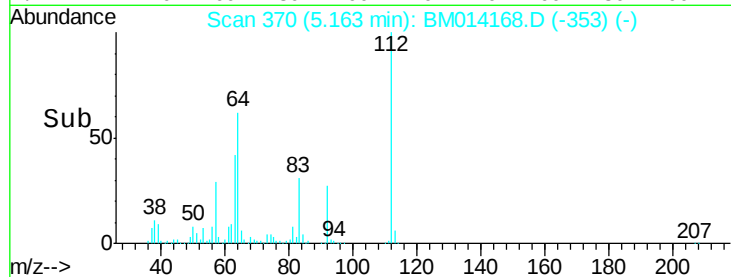
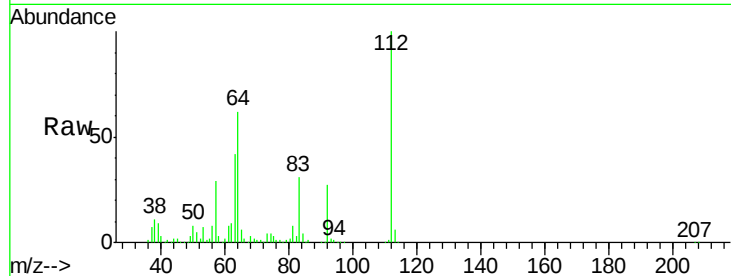
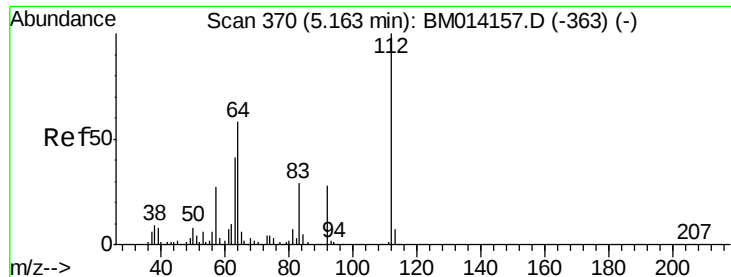
1,4-Dioxane
Concen: 2.73 ng
RT: 3.15 min Scan# 27
Delta R.T. 0.00 min
Lab File: BM014168.D
Acq: 07 Feb 2018 19:31

Tgt Ion: 88 Resp: 4376
Ion Ratio Lower Upper
88 100
58 40.3 0.0 0.0#
43 25.5 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#5

2-Fluorophenol

Concen: 129.71 ng

RT: 5.16 min Scan# 370

Delta R.T. 0.00 min

Lab File: BM014168.D

Acq: 07 Feb 2018 19:31

Instrument :

BNA_M

ClientSampleId :

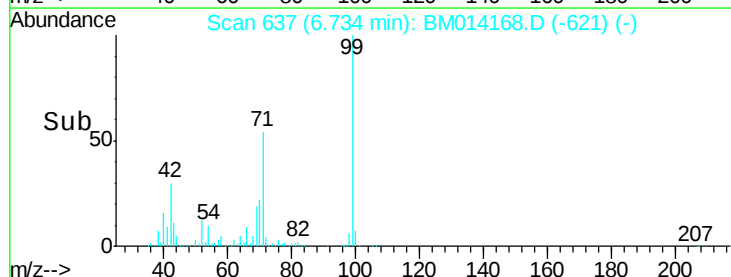
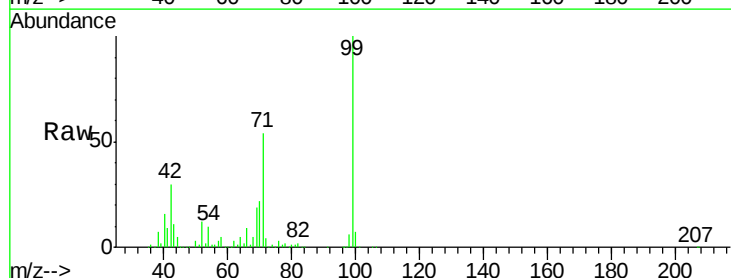
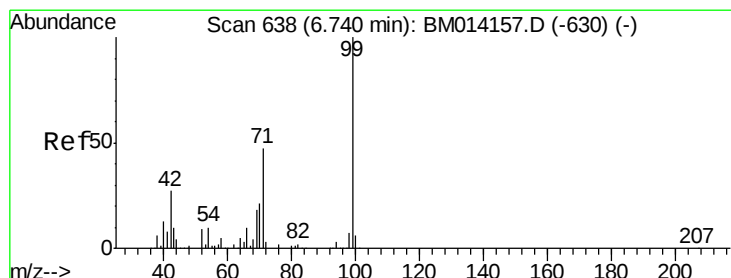
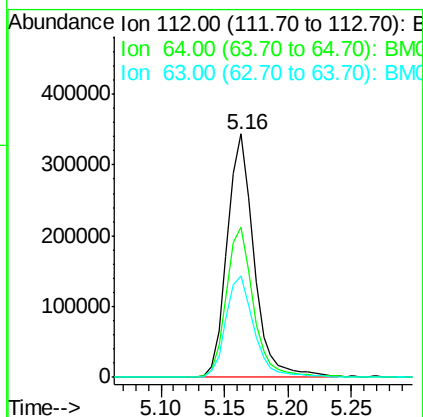
Tot Ion:112 Resp: 505712

Ion Ratio Lower Upper

112 100

64 61.6 38.6 57.8#

63 41.8 19.3 28.9#



#7

Phenol-d6

Concen: 121.57 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014168.D

Acq: 07 Feb 2018 19:31

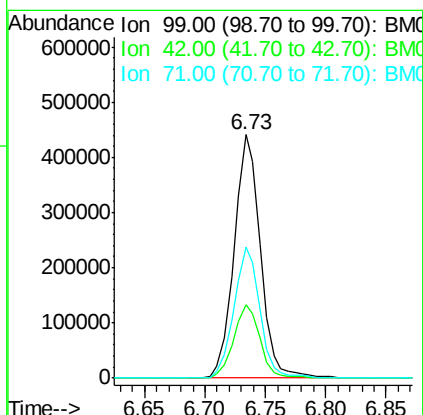
Tgt Ion: 99 Resp: 671287

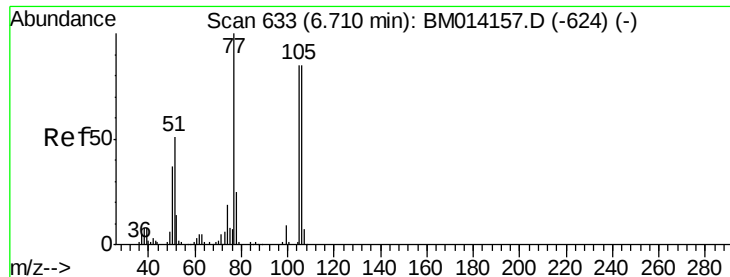
Ion Ratio Lower Upper

99 100

42 29.9 11.0 16.4#

71 53.7 23.4 35.2#





#9

Benzaldehyde

Concen: 2.00 ng

RT: 6.73 min Scan# 636

Delta R.T. 0.02 min

Lab File: BM014168.D

Acq: 07 Feb 2018 19:31

Instrument :

BNA_M

ClientSampleId :

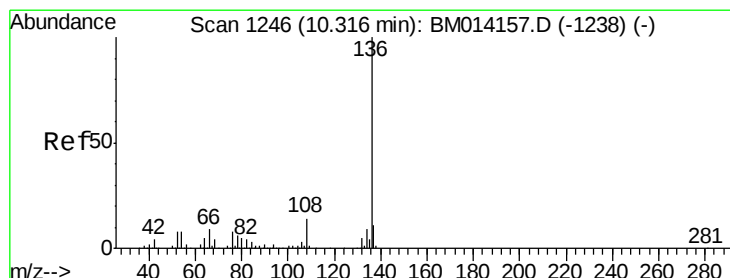
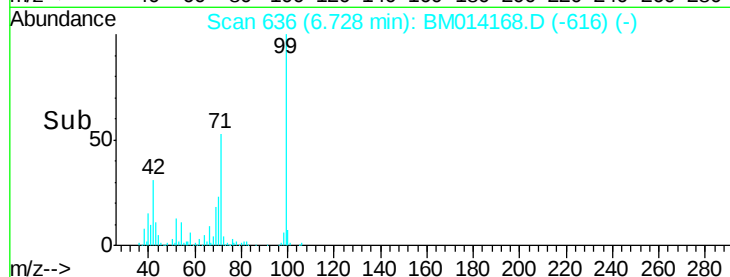
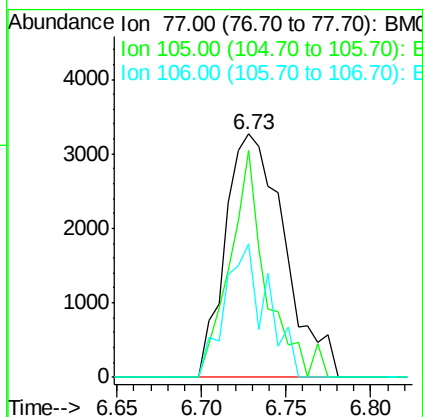
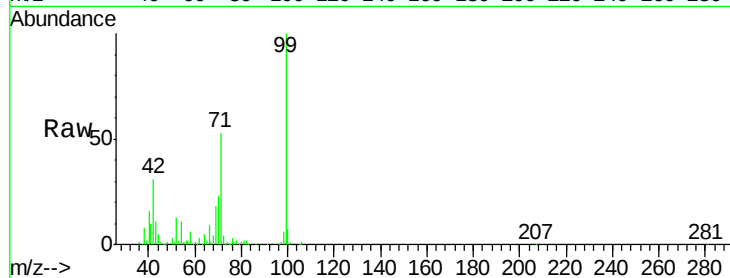
Tot Ion: 77 Resp: 7960

Ion Ratio Lower Upper

77 100

105 93.2 78.8 118.8

106 54.7 73.7 113.7#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.32 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BM014168.D

Acq: 07 Feb 2018 19:31

Tgt Ion: 136 Resp: 285045

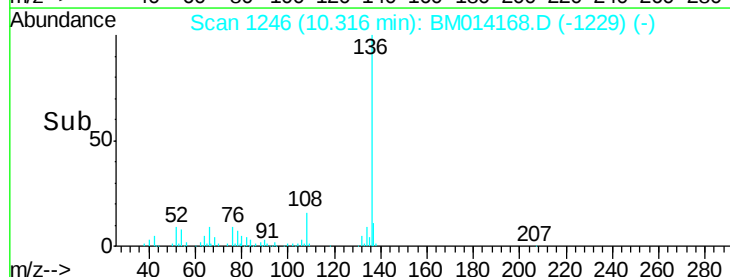
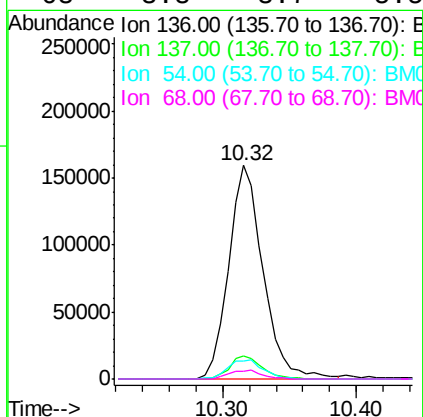
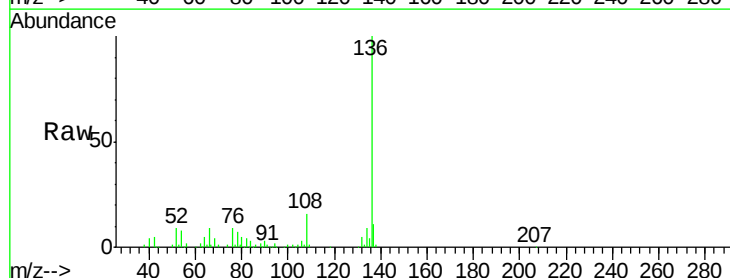
Ion Ratio Lower Upper

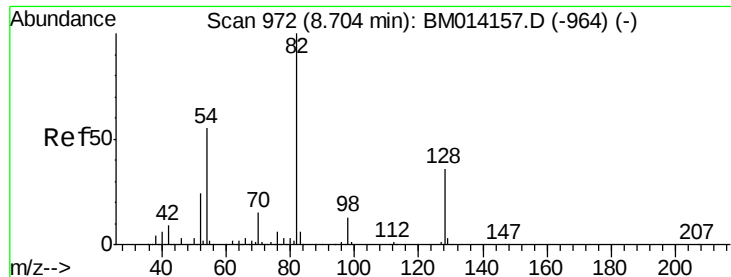
136 100

137 11.1 8.7 13.1

54 8.3 4.6 6.8#

68 3.8 3.7 5.5

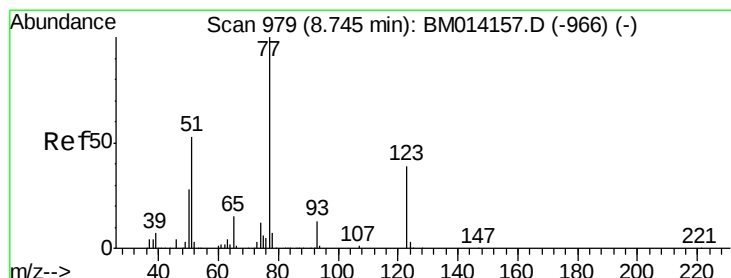
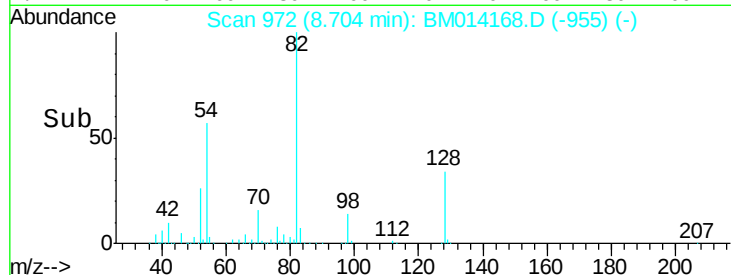
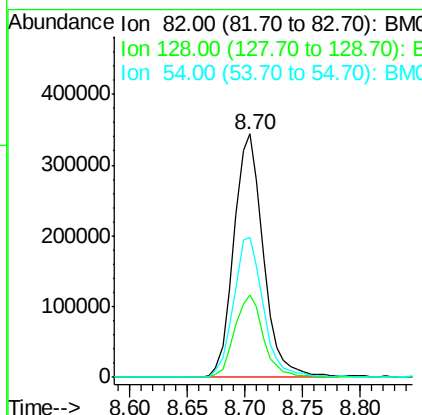
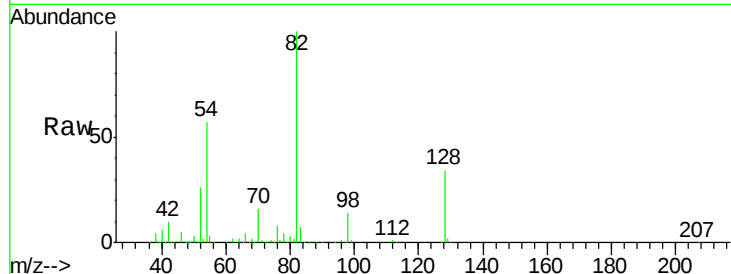




#23
 Nitrobenzene-d5
 Concen: 95.55 ng
 RT: 8.70 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BM014168.D
 Acq: 07 Feb 2018 19:31

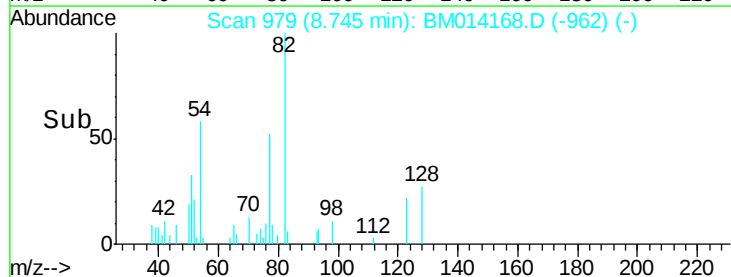
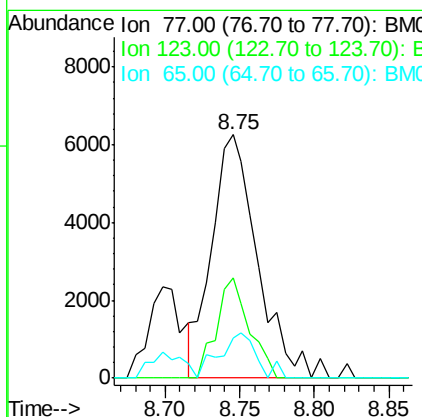
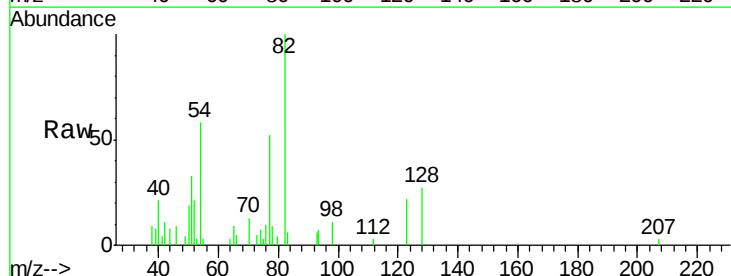
Instrument :
 BNA_M
 ClientSampled :

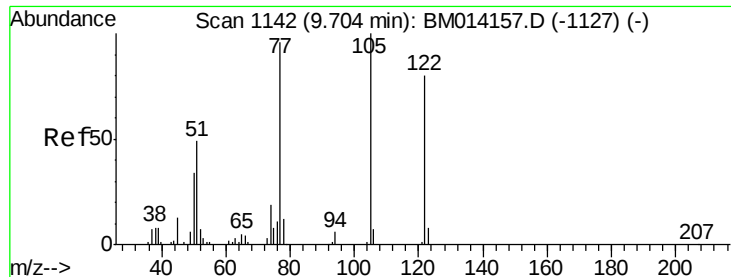
Tot Ion	82	Resp	609769
Ion Ratio	100	Lower	Upper
128	33.9	32.8	49.2
54	57.4	40.6	60.8



#24
 Nitrobenzene
 Concen: 2.04 ng
 RT: 8.75 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BM014168.D
 Acq: 07 Feb 2018 19:31

Tgt Ion	77	Resp	13384
Ion Ratio	100	Lower	Upper
123	41.3	32.6	49.0
65	16.6	10.9	16.3#

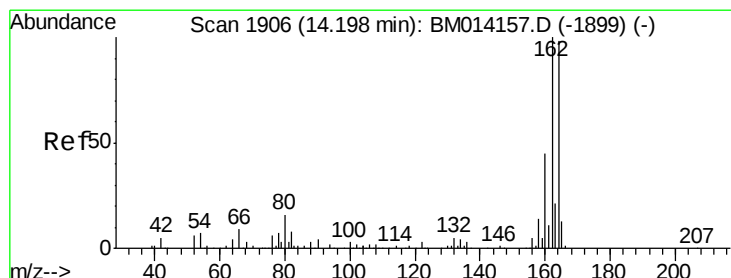
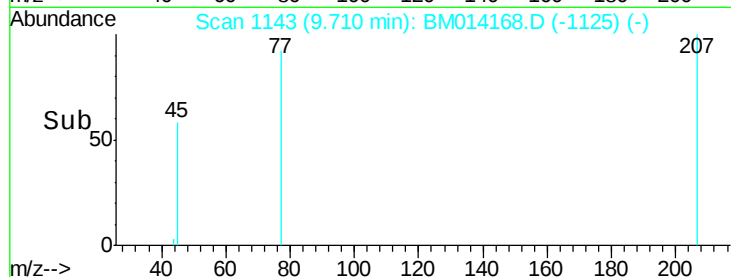
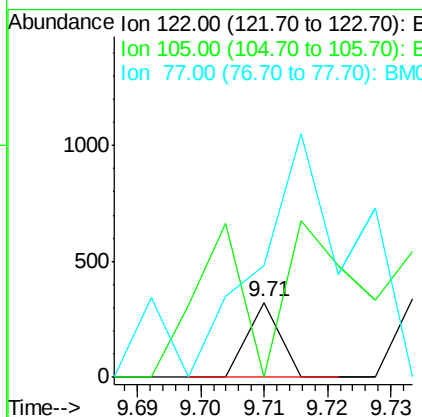
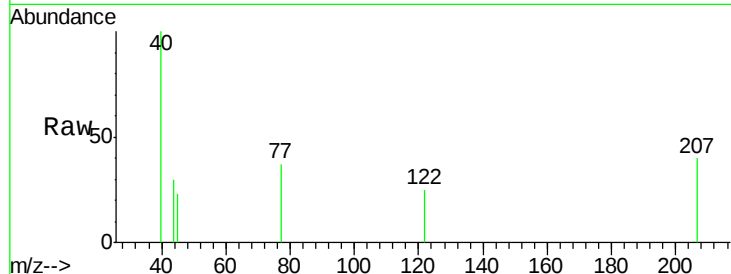




#32
Benzoic acid
Concen: 6.22 ng
RT: 9.71 min Scan# 1143
Delta R.T. 0.01 min
Lab File: BM014168.D
Acq: 07 Feb 2018 19:31

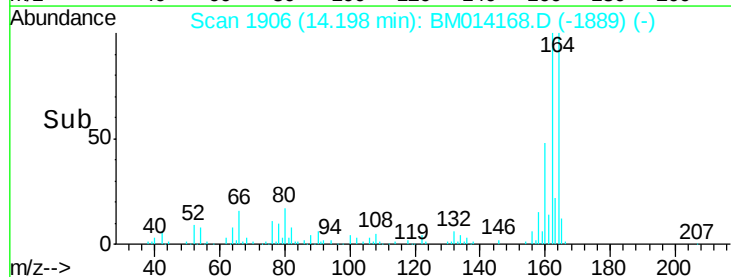
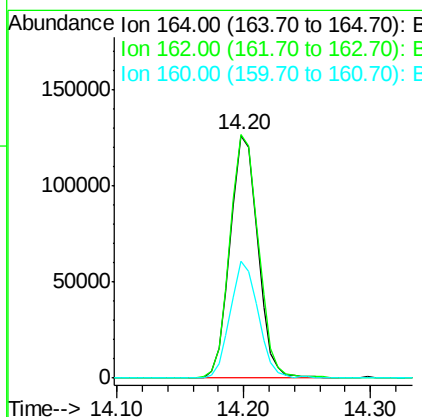
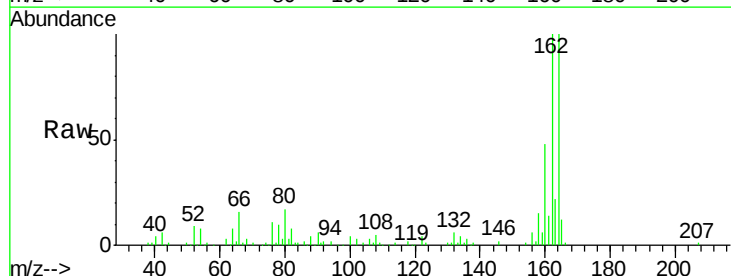
Instrument :
BNA_M
ClientSampled :

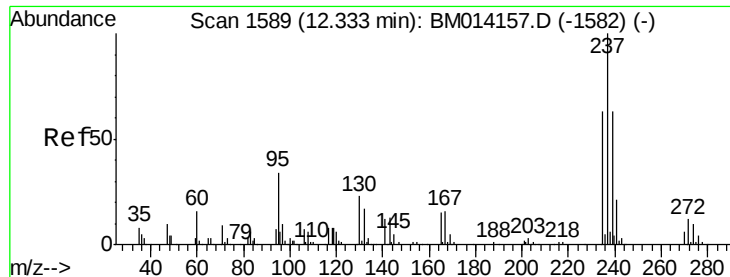
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	99.9	139.9#
77	150.0	73.7	113.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.20 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BM014168.D
Acq: 07 Feb 2018 19:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.4	123.6
160	48.0	35.8	53.6





#40

Hexachlorocyclopentadiene

Concen: 6.67 ng

RT: 12.33 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BM014168.D

Acq: 07 Feb 2018 19:31

Instrument :

BNA_M

ClientSampleId :

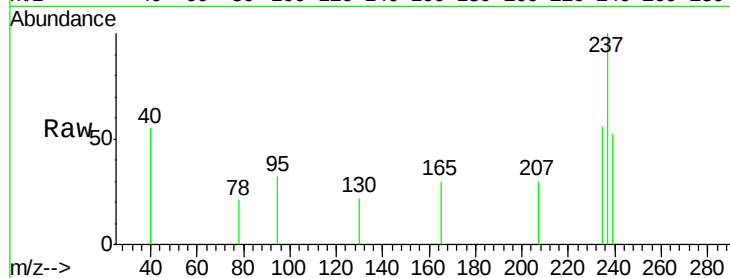
Tot Ion:237 Resp: 2118

Ion Ratio Lower Upper

237 100

235 55.8 42.0 82.0

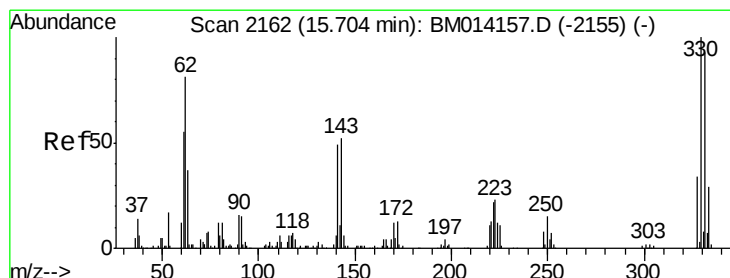
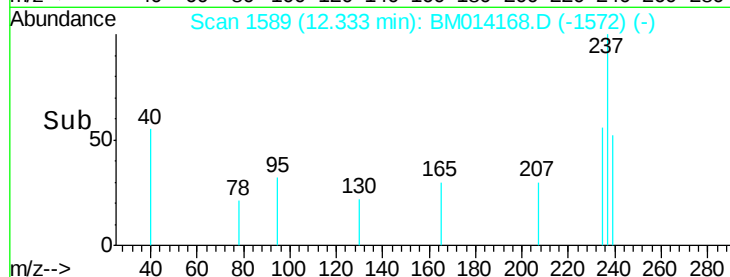
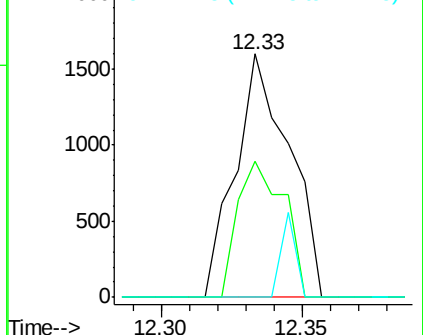
272 0.0 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 125.33 ng

RT: 15.70 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BM014168.D

Acq: 07 Feb 2018 19:31

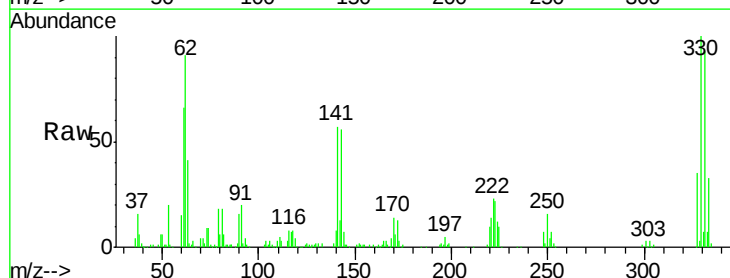
Tgt Ion:330 Resp: 338650

Ion Ratio Lower Upper

330 100

332 96.6 0.0 0.0#

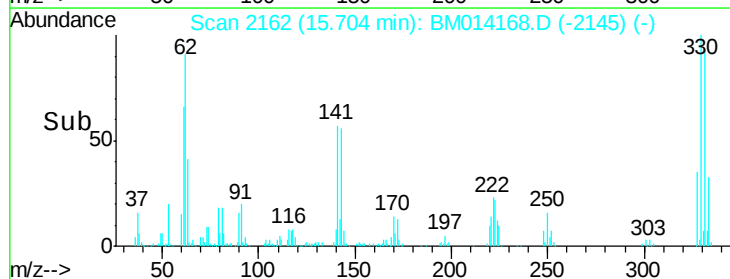
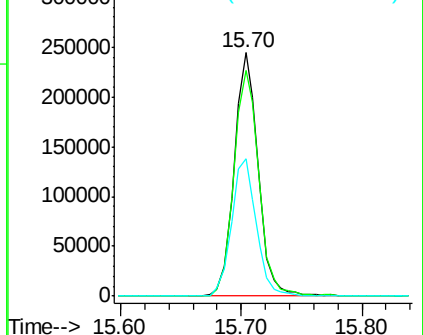
141 58.3 0.0 0.0#

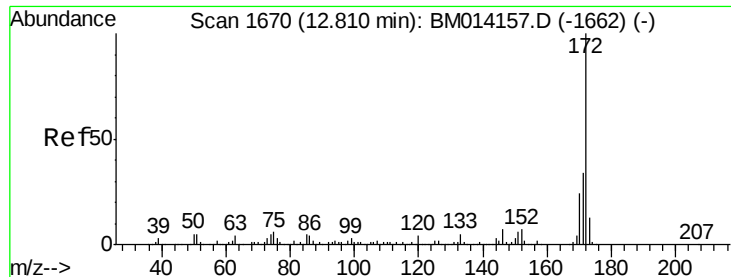


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

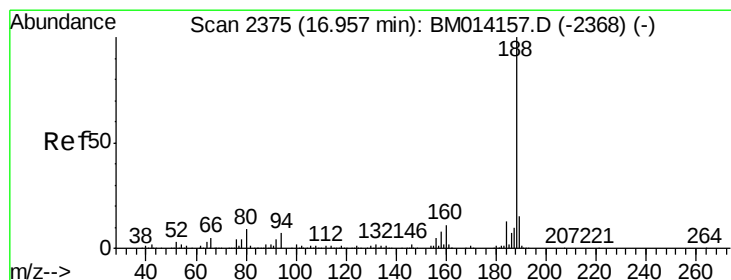
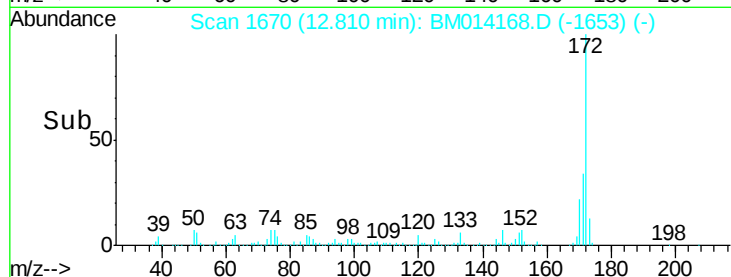
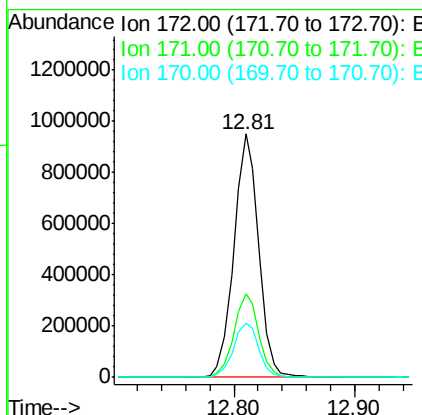
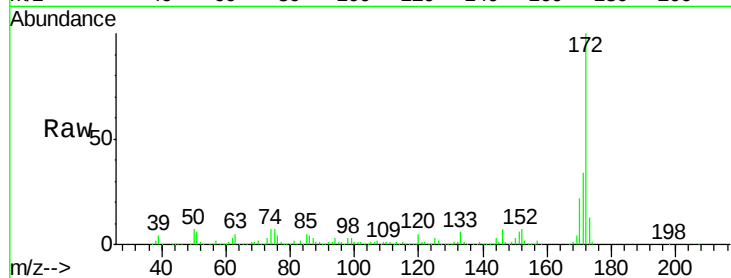




#44
2-Fluorobiphenyl
Concen: 88.73 ng
RT: 12.81 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BM014168.D
Acq: 07 Feb 2018 19:31

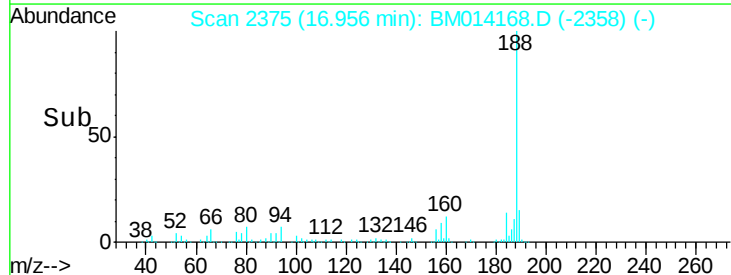
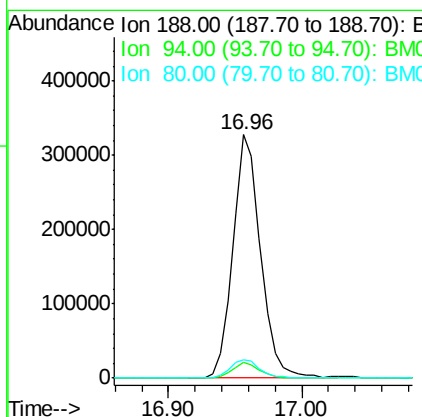
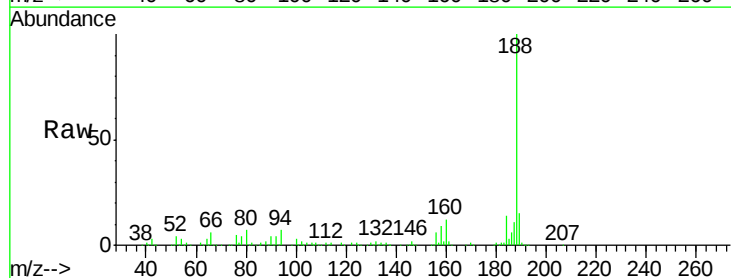
Instrument :
BNA_M
ClientSampleId :

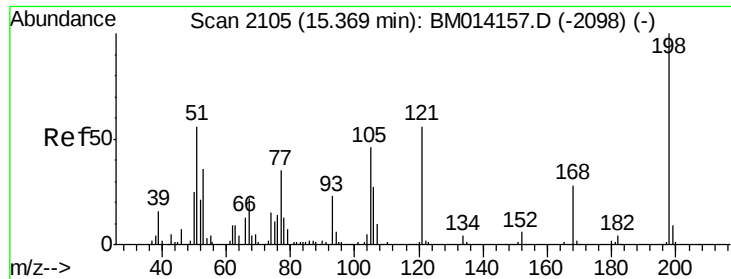
Tot Ion:172 Resp: 1353534
Ion Ratio Lower Upper
172 100
171 34.3 28.5 42.7
170 22.4 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BM014168.D
Acq: 07 Feb 2018 19:31

Tgt Ion:188 Resp: 474348
Ion Ratio Lower Upper
188 100
94 6.5 8.7 13.1#
80 7.3 9.3 13.9#

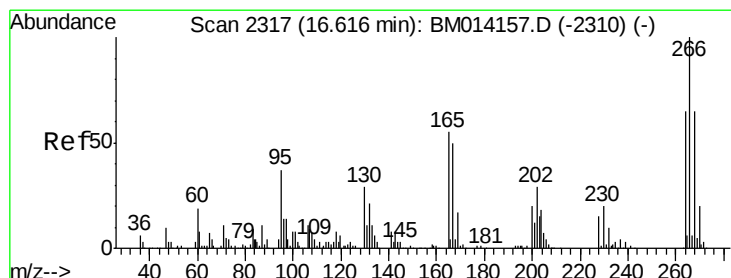
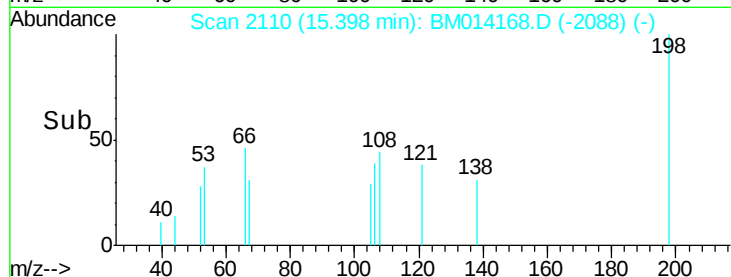
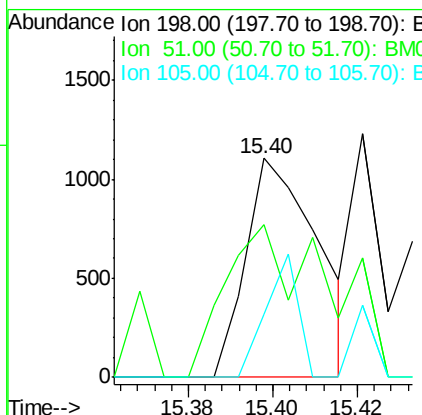
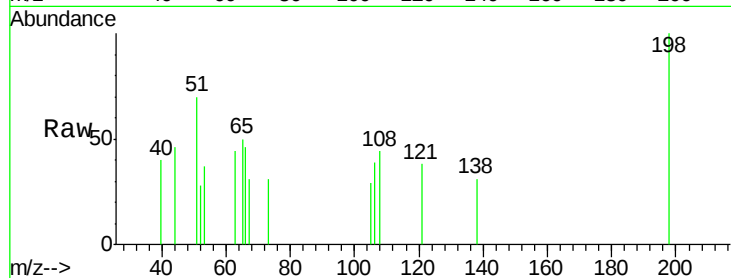




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.93 ng
 RT: 15.40 min Scan# 2110
 Delta R.T. 0.03 min
 Lab File: BM014168.D
 Acq: 07 Feb 2018 19:31

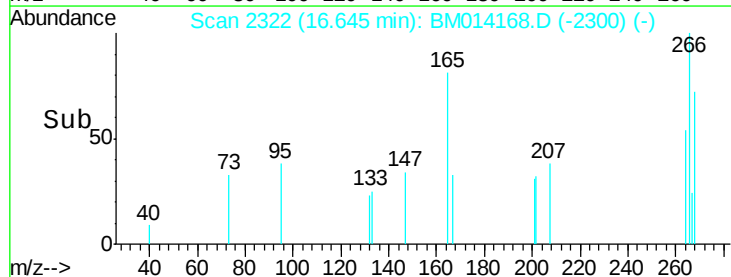
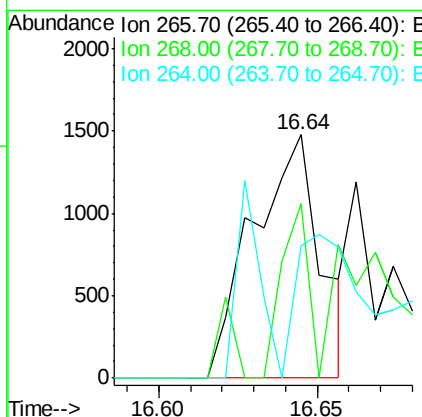
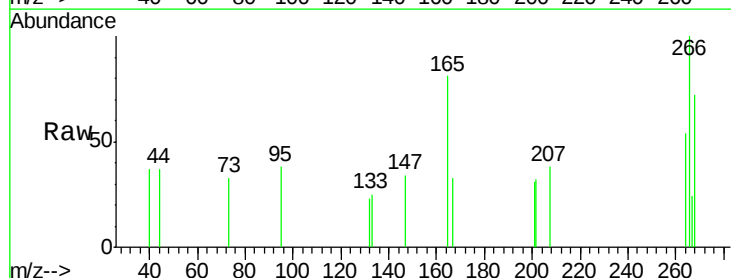
Instrument :
 BNA_M
 ClientSampleId :

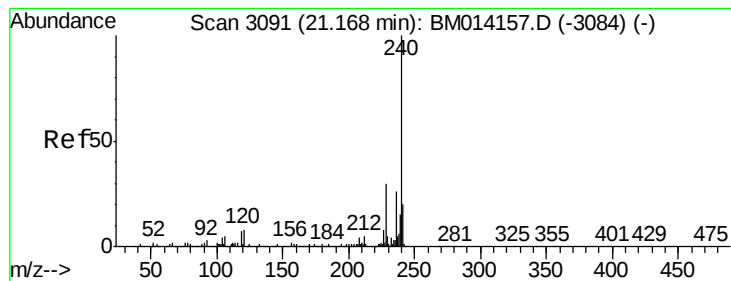
Tot Ion:198 Resp: 1311
 Ion Ratio Lower Upper
 198 100
 51 69.6 28.8 68.8#
 105 28.9 30.5 70.5#



#69
 Pentachlorophenol
 Concen: 6.42 ng
 RT: 16.64 min Scan# 2322
 Delta R.T. 0.03 min
 Lab File: BM014168.D
 Acq: 07 Feb 2018 19:31

Tgt Ion:266 Resp: 2180
 Ion Ratio Lower Upper
 266 100
 268 71.7 52.0 78.0
 264 54.3 49.0 73.4





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 21.17 min Scan# 3091

Delta R.T. -0.00 min

Lab File: BM014168.D

Acq: 07 Feb 2018 19:31

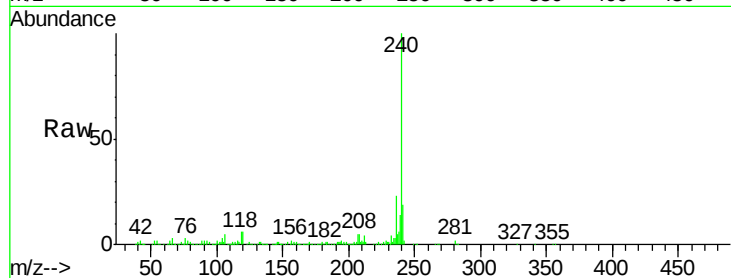
Instrument :

BNA_M

ClientSampleId :

Tot Ion:240 Resp: 563487

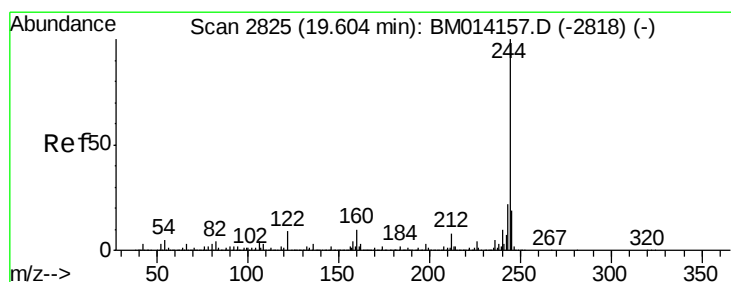
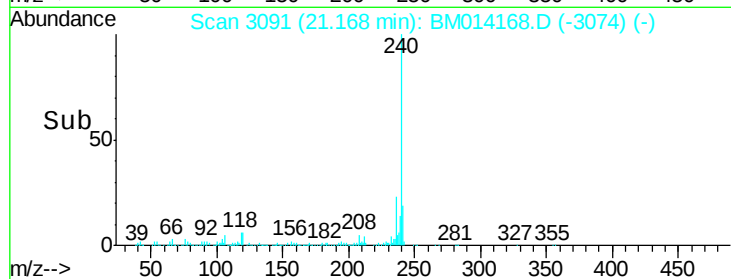
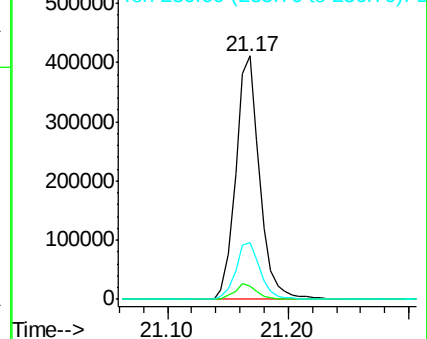
Ion	Ratio	Lower	Upper
240	100		
120	5.6	8.2	12.2#
236	23.5	20.0	30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 82.65 ng

RT: 19.60 min Scan# 2825

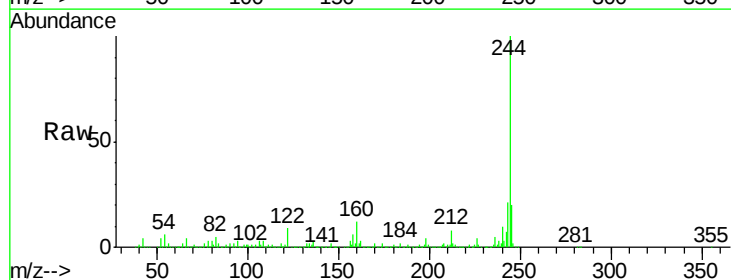
Delta R.T. -0.00 min

Lab File: BM014168.D

Acq: 07 Feb 2018 19:31

Tgt Ion:244 Resp: 2383550

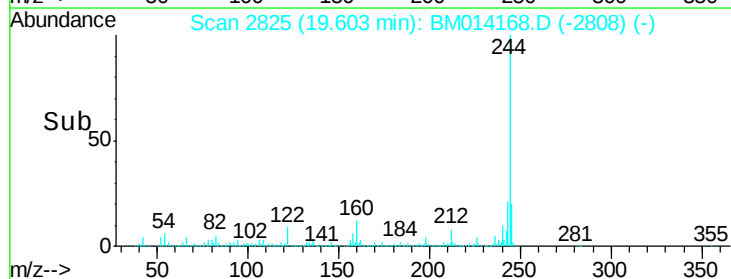
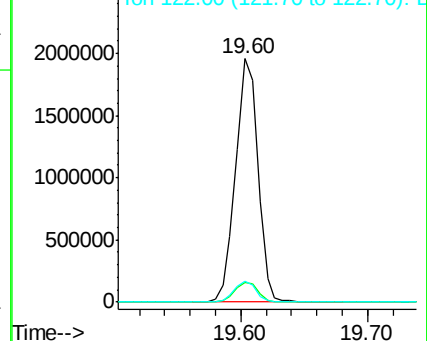
Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.9	7.3#
122	8.8	6.2	9.4

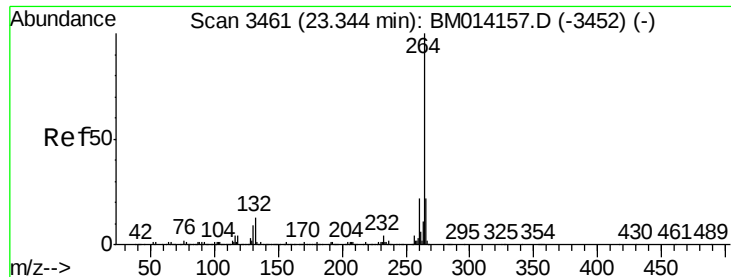


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

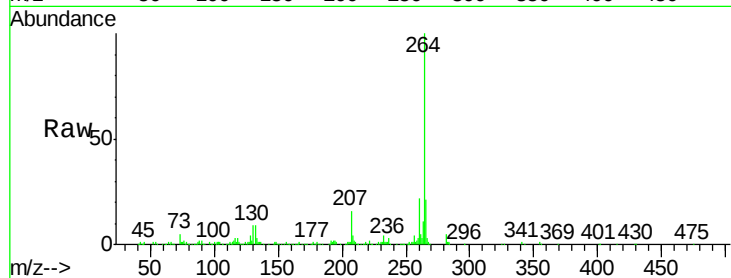




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.34 min Scan# 3461
Delta R.T. -0.00 min
Lab File: BM014168.D
Acq: 07 Feb 2018 19:31

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	264	Resp:	546155
Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.6	27.8
265	21.4	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

