

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072717\
 Data File : BM011009.D
 Acq On : 27 Jul 2017 14:12
 Operator : SJ/JU
 Sample : I4418-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 28 01:04:18 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

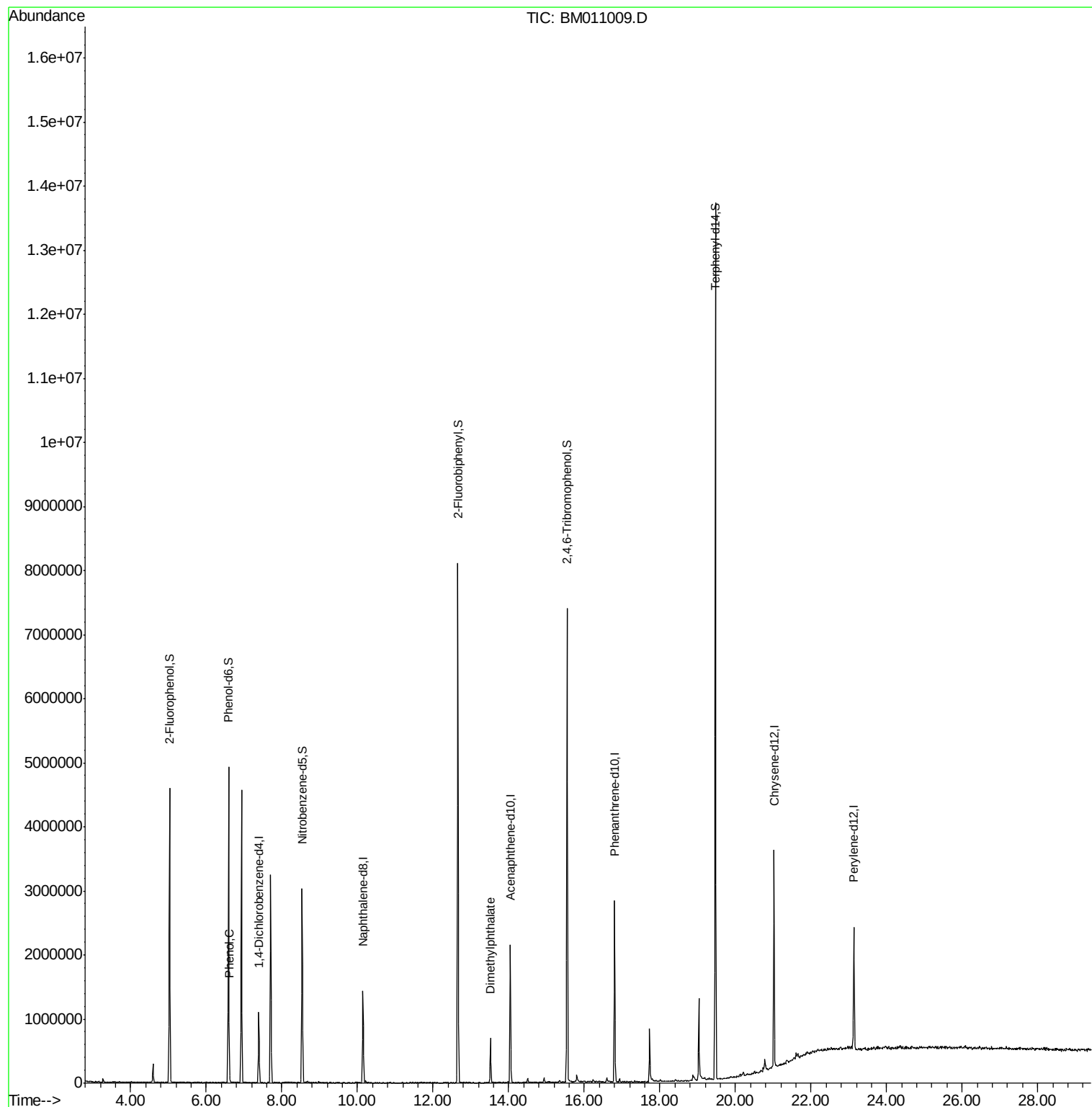
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	219864	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	910501	20.00	ng	0.00
38) Acenaphthene-d10	14.04	164	609636	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	1449065	20.00	ng	0.00
75) Chrysene-d12	21.02	240	1529015	20.00	ng	0.00
86) Perylene-d12	23.13	264	1364699	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1423262	109.43	ng	0.00
7) Phenol-d6	6.59	99	2126712	115.08	ng	0.00
23) Nitrobenzene-d5	8.53	82	1699320	70.05	ng	0.00
41) 2,4,6-Tribromophenol	15.55	330	1068604	109.36	ng	0.00
44) 2-Fluorobiphenyl	12.66	172	3539656	72.82	ng	0.00
78) Terphenyl-d14	19.47	244	5057844	65.53	ng	0.00
Target Compounds						
10) Phenol	6.61	94	73544	3.66	ng	Qvalue 100
49) Dimethylphthalate	13.52	163	352838	6.77	ng	# 99

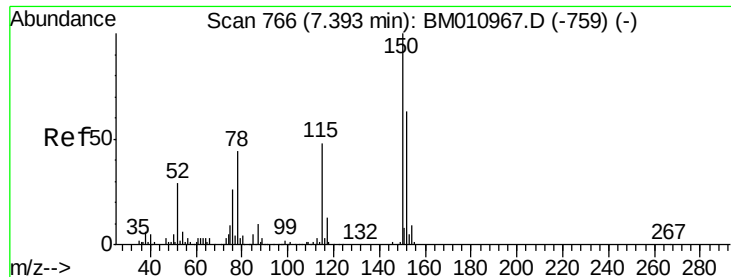
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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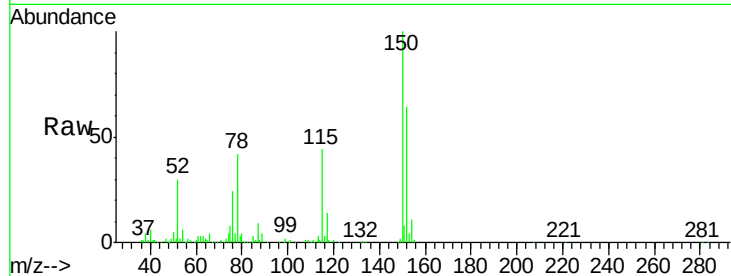


#1

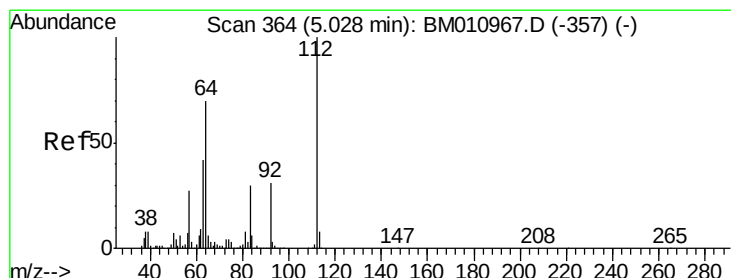
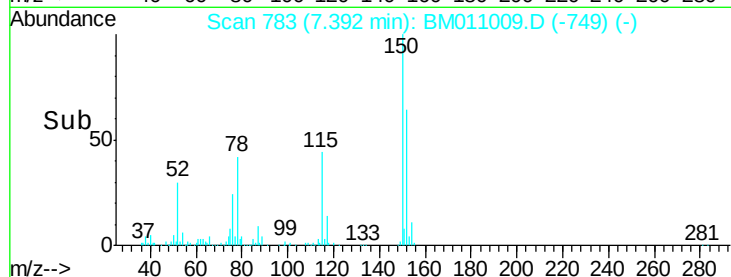
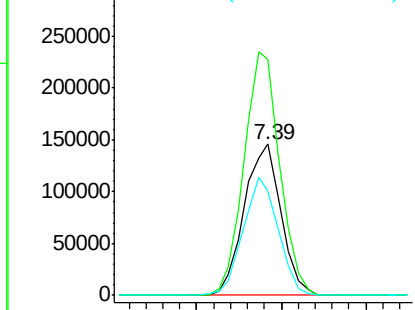
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 783
Delta R.T. -0.00 min
Lab File: BM011009.D
Acq: 27 Jul 2017 14:12

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 219864
Ion Ratio Lower Upper
152 100
150 156.4 119.5 179.3
115 68.9 43.0 64.4#



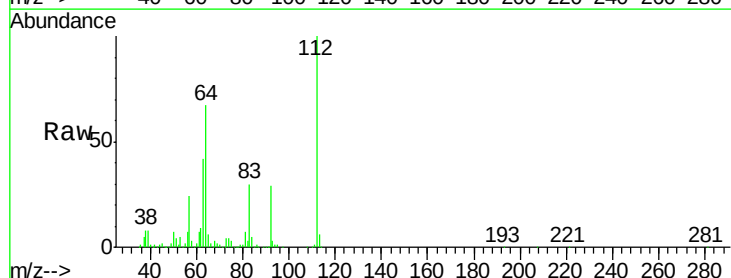
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



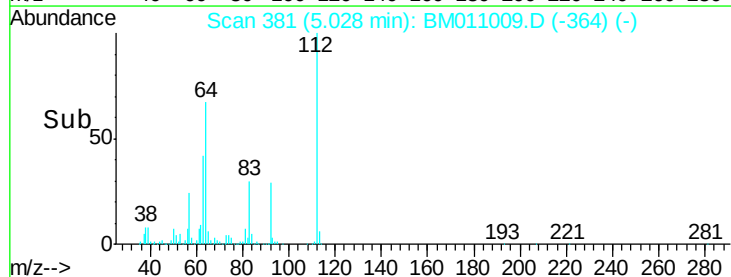
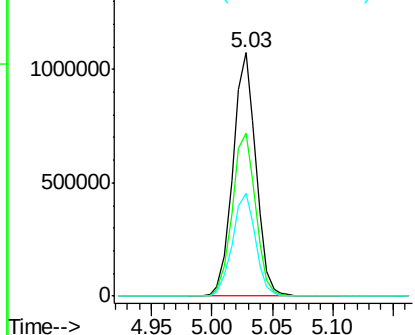
#5

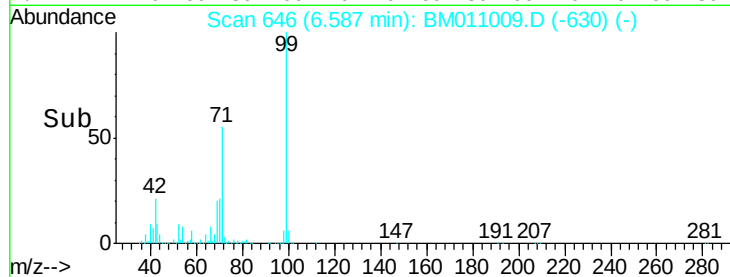
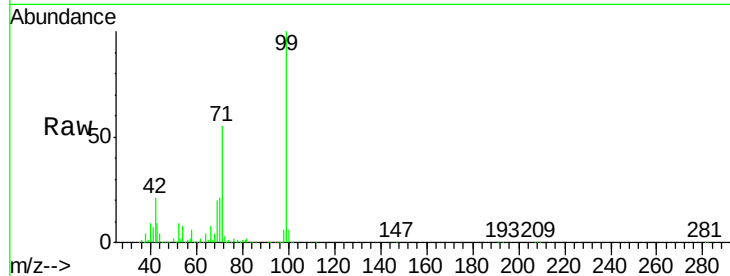
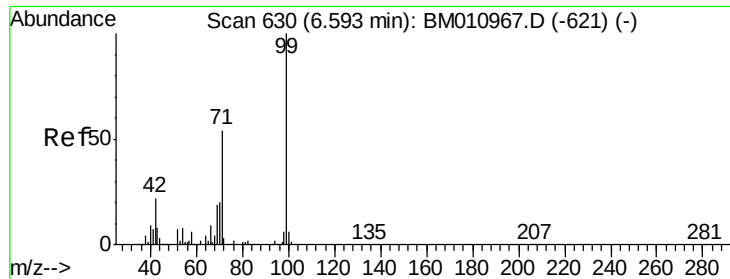
2-Fluorophenol
Concen: 109.43 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011009.D
Acq: 27 Jul 2017 14:12

Tgt Ion:112 Resp: 1423262
Ion Ratio Lower Upper
112 100
64 67.2 38.6 57.8#
63 42.1 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: 115.08 ng

RT: 6.59 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM011009.D

Acq: 27 Jul 2017 14:12

Instrument :

BNA_M

ClientSampleId :

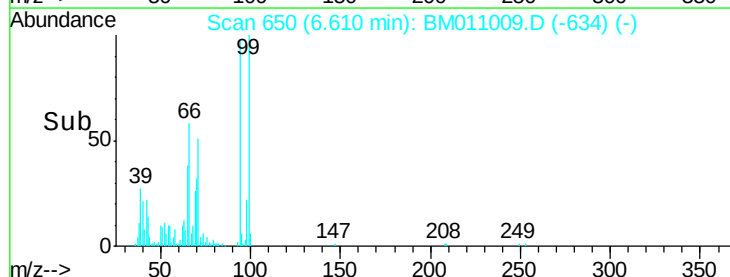
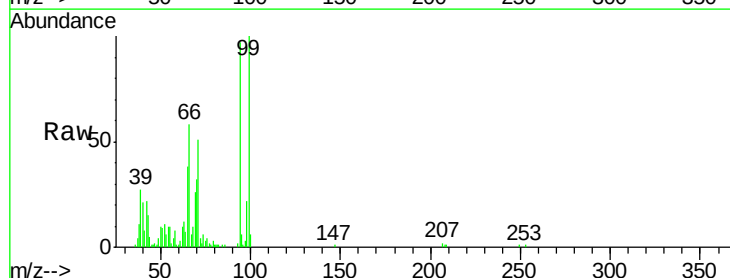
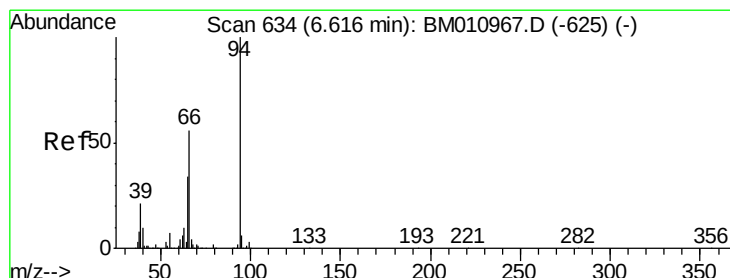
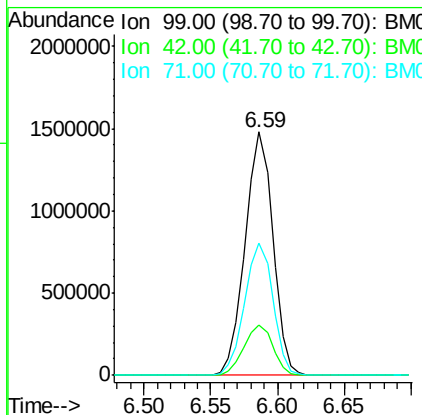
Tot Ion: 99 Resp: 2126712

Ion Ratio Lower Upper

99 100

42 20.6 11.0 16.4#

71 54.6 23.4 35.2#



#10

Phenol

Concen: 3.66 ng

RT: 6.61 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM011009.D

Acq: 27 Jul 2017 14:12

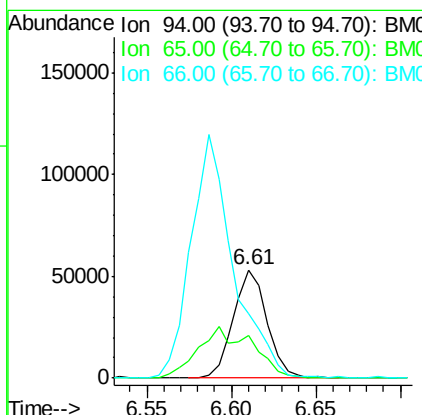
Tgt Ion: 94 Resp: 73544

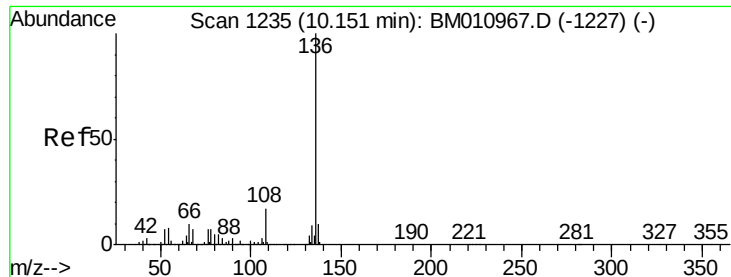
Ion Ratio Lower Upper

94 100

65 39.2 18.8 58.8

66 59.8 39.9 79.9

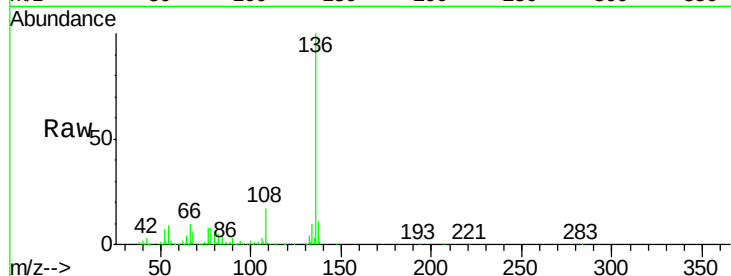




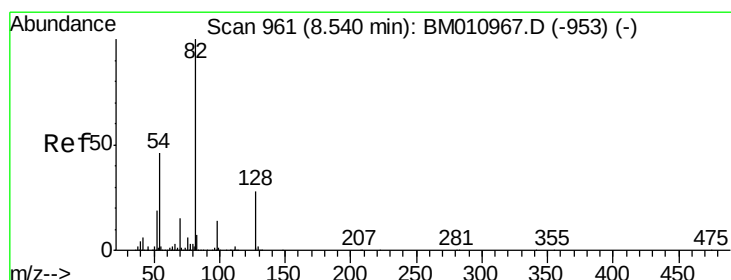
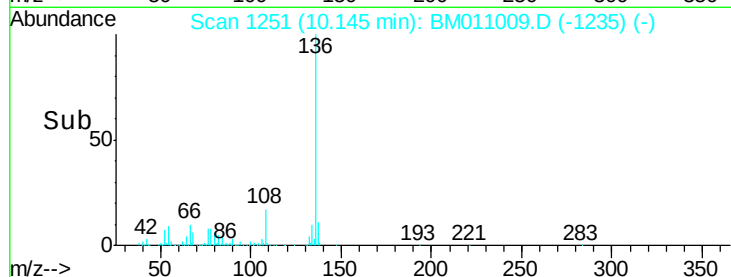
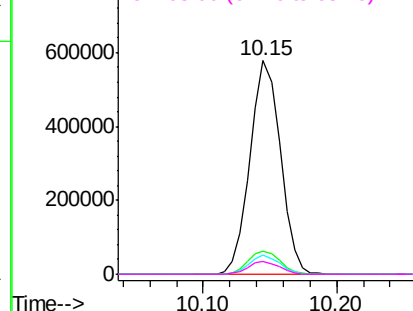
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.15 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BM011009.D
Acq: 27 Jul 2017 14:12

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	136	Resp:	910501
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	8.7	4.6	6.8#
68	6.1	3.7	5.5#

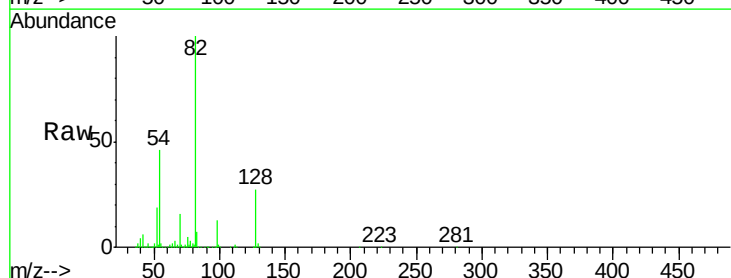


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

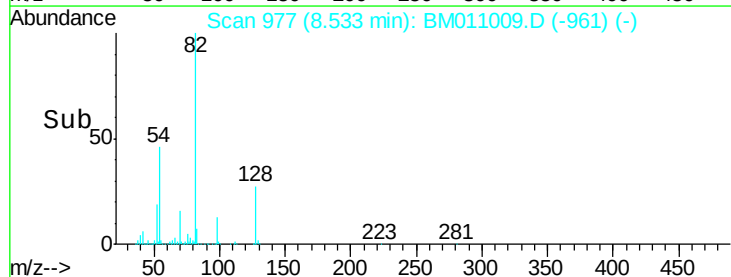
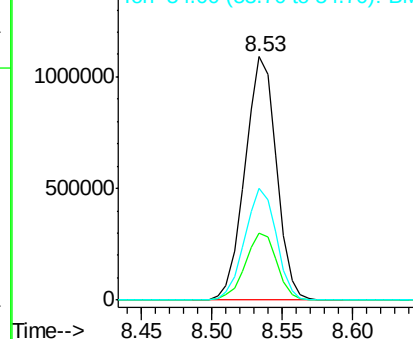


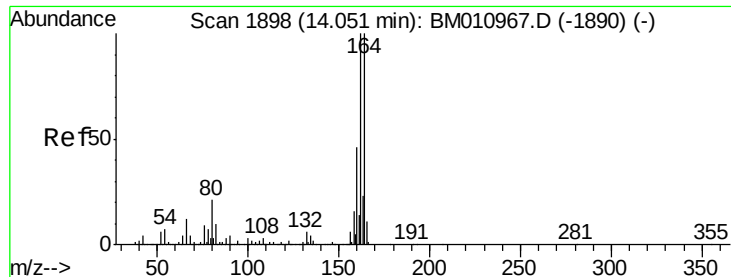
#23
Nitrobenzene-d5
Concen: 70.05 ng
RT: 8.53 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM011009.D
Acq: 27 Jul 2017 14:12

Tgt Ion:	82	Resp:	1699320
Ion	Ratio	Lower	Upper
82	100		
128	27.4	32.8	49.2#
54	45.7	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: 14.04 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BM011009.D

Acq: 27 Jul 2017 14:12

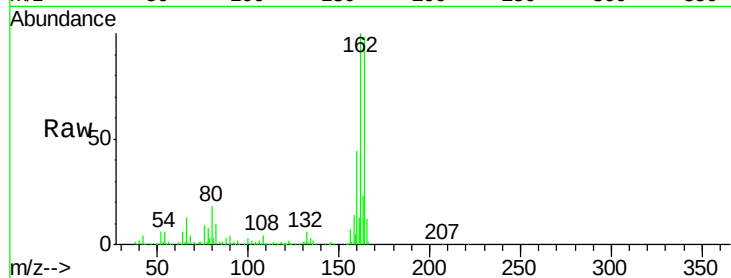
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 609636

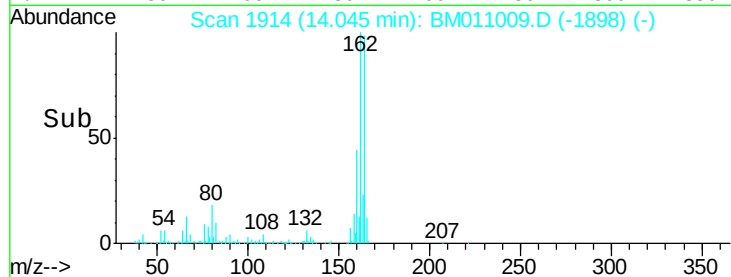
Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.4	123.6
160	44.4	35.8	53.6



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: 109.36 ng

RT: 15.55 min Scan# 2170

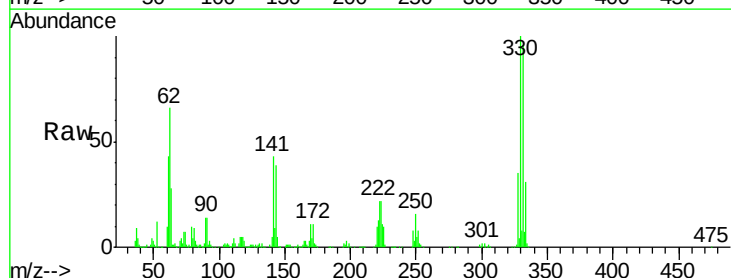
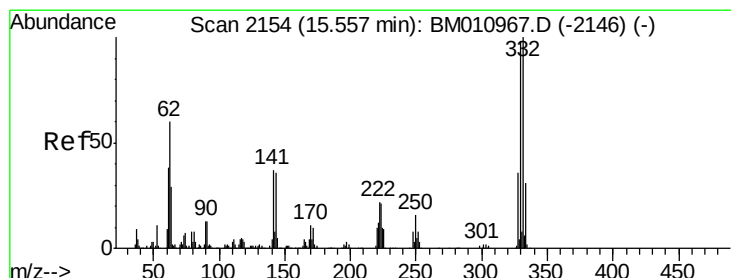
Delta R.T. -0.01 min

Lab File: BM011009.D

Acq: 27 Jul 2017 14:12

Tgt Ion:330 Resp: 1068604

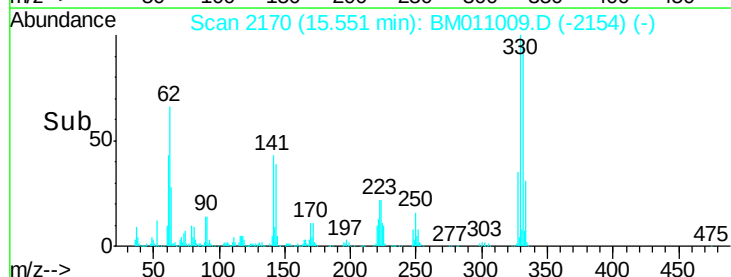
Ion	Ratio	Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	43.3	0.0	0.0#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

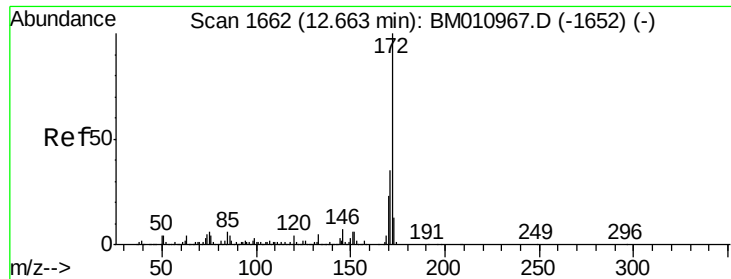
Ion 141.00 (140.70 to 141.70): E



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

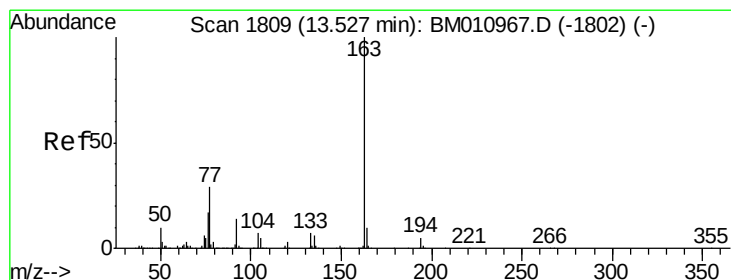
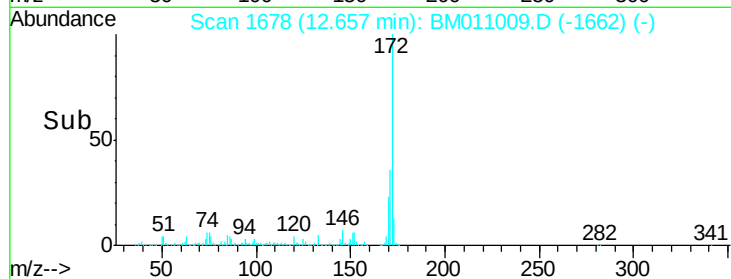
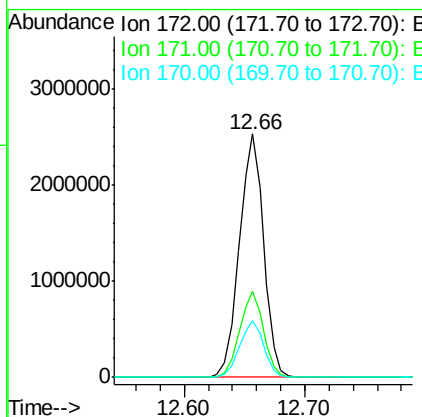
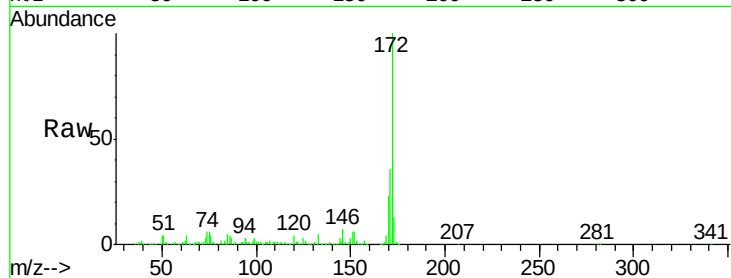
Ion 141.00 (140.70 to 141.70): E



#44
2-Fluorobiphenyl
Concen: 72.82 ng
RT: 12.66 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BM011009.D
Acq: 27 Jul 2017 14:12

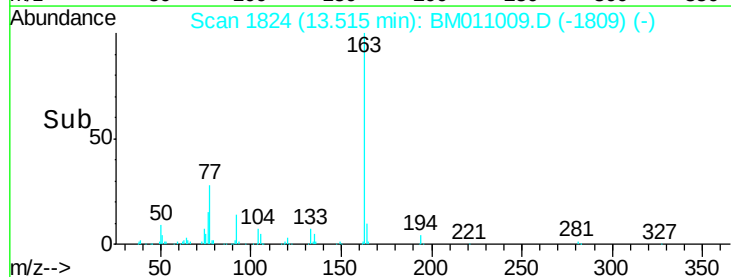
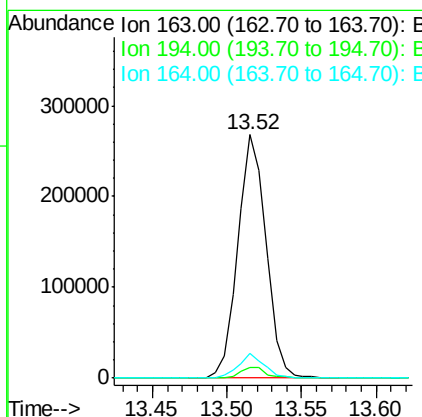
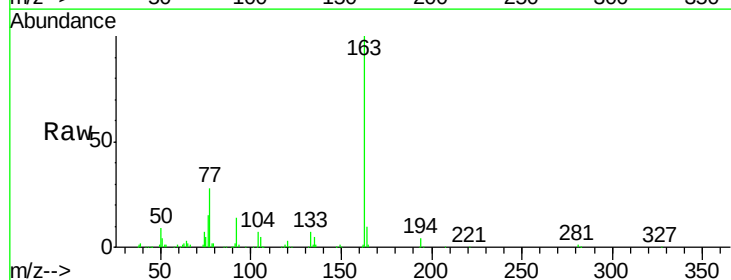
Instrument :
BNA_M
ClientSampleId :

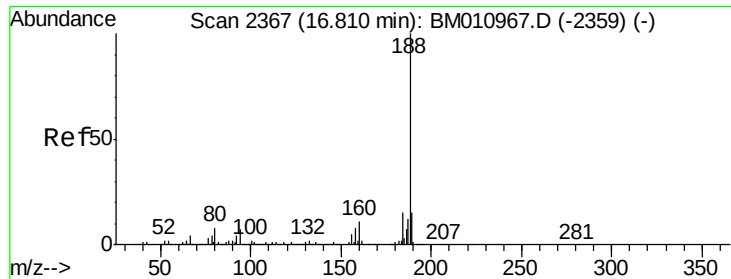
Tot Ion:172 Resp: 3539656
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.1 18.8 28.2



#49
Dimethylphthalate
Concen: 6.77 ng
RT: 13.52 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BM011009.D
Acq: 27 Jul 2017 14:12

Tgt Ion:163 Resp: 352838
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.3 8.2 12.2

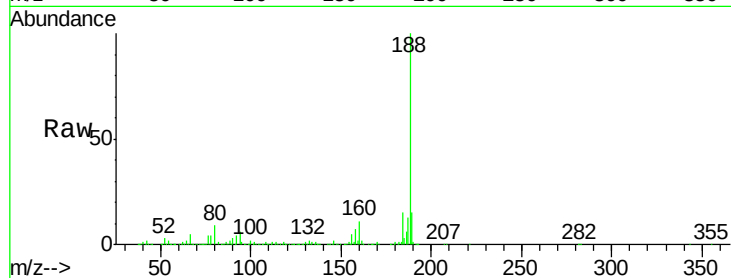




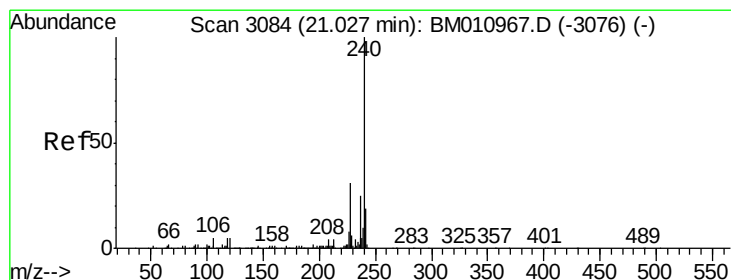
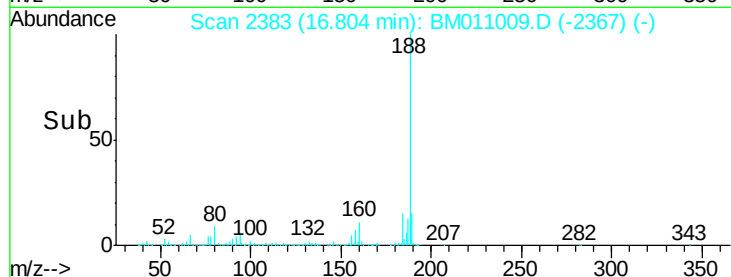
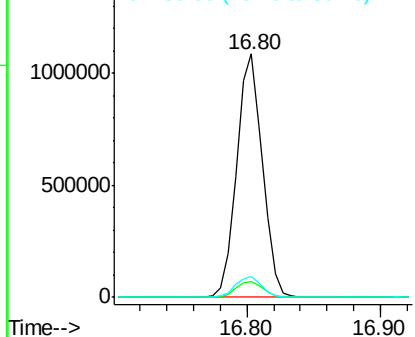
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.80 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM011009.D
Acq: 27 Jul 2017 14:12

Instrument :
BNA_M
ClientSampled :

Tot Ion:188 Resp: 1449065
Ion Ratio Lower Upper
188 100
94 6.5 8.7 13.1#
80 8.5 9.3 13.9#

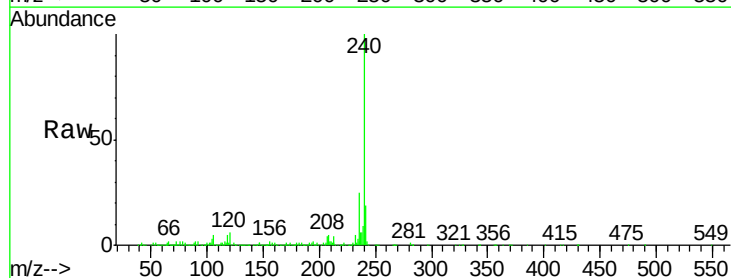


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

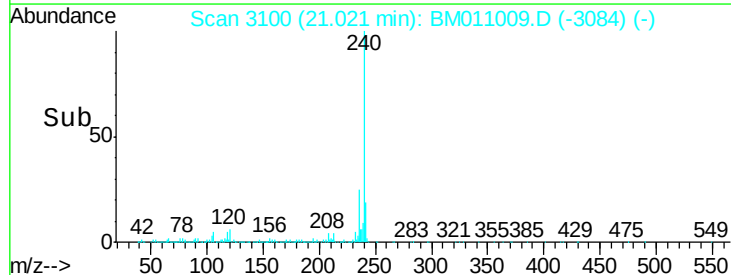
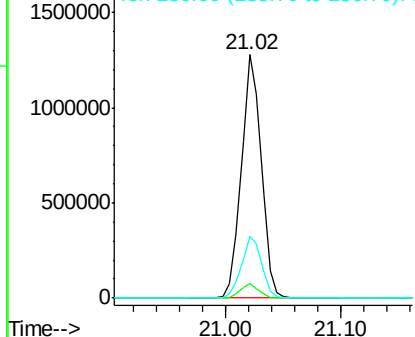


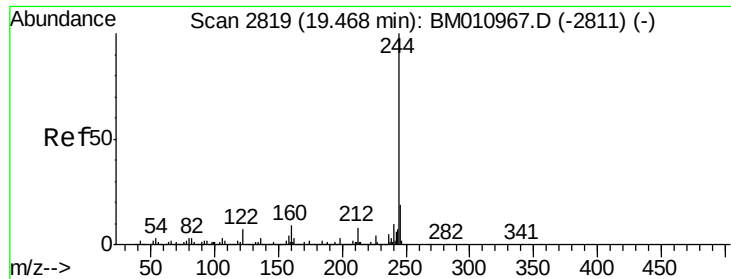
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.02 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM011009.D
Acq: 27 Jul 2017 14:12

Tgt Ion:240 Resp: 1529015
Ion Ratio Lower Upper
240 100
120 5.8 8.2 12.2#
236 25.2 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: 65.53 ng

RT: 19.47 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BM011009.D

Acq: 27 Jul 2017 14:12

Instrument :

BNA_M

ClientSampleId :

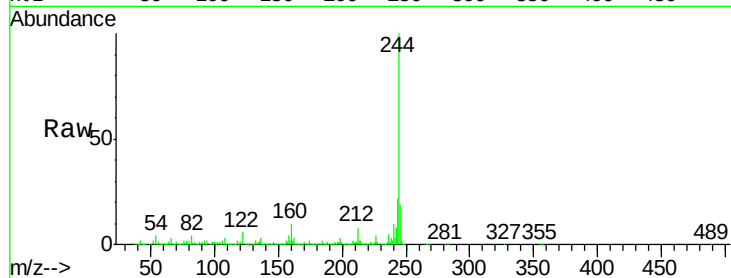
Tot Ion:244 Resp: 5057844

Ion Ratio Lower Upper

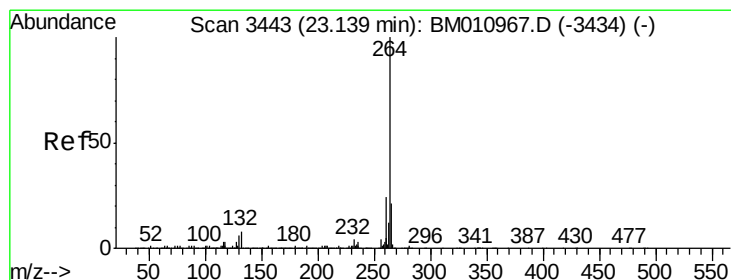
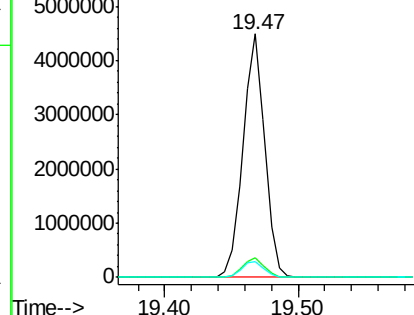
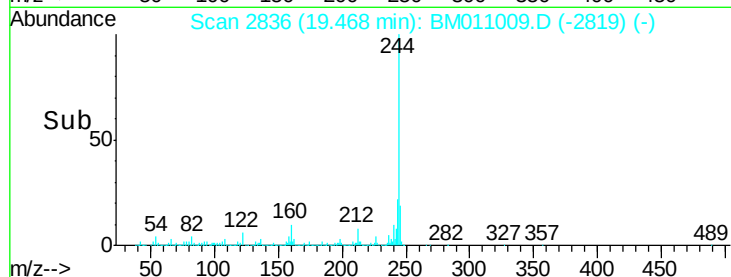
244 100

212 8.1 4.9 7.3#

122 6.4 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: 20.00 ng

RT: 23.13 min Scan# 3459

Delta R.T. -0.01 min

Lab File: BM011009.D

Acq: 27 Jul 2017 14:12

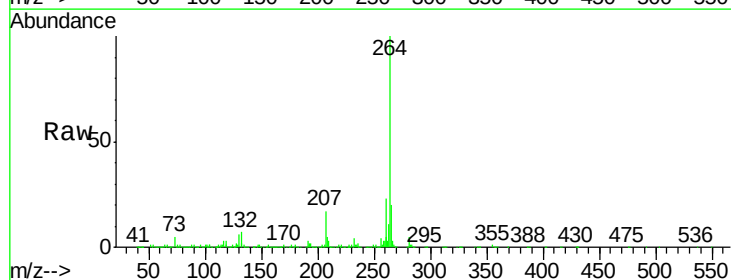
Tgt Ion:264 Resp: 1364699

Ion Ratio Lower Upper

264 100

260 22.5 18.6 27.8

265 19.5 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

