

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\
 Data File : BM011049.D
 Acq On : 28 Jul 2017 19:31
 Operator : SJ/JU
 Sample : PB101037BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101037BL

Quant Time: Jul 29 00:25:33 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	194718	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	703569	20.00	ng	0.00
38) Acenaphthene-d10	14.04	164	460567	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	1105229	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	924026	20.00	ng	0.00
86) Perylene-d12	23.13	264	516488	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1527205	132.58	ng	0.00
7) Phenol-d6	6.59	99	2101824	128.43	ng	0.00
23) Nitrobenzene-d5	8.53	82	1718791	91.69	ng	0.00
41) 2,4,6-Tribromophenol	15.54	330	940941	127.47	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	3270943	89.07	ng	-0.01
78) Terphenyl-d14	19.46	244	4210617	90.26	ng	0.00

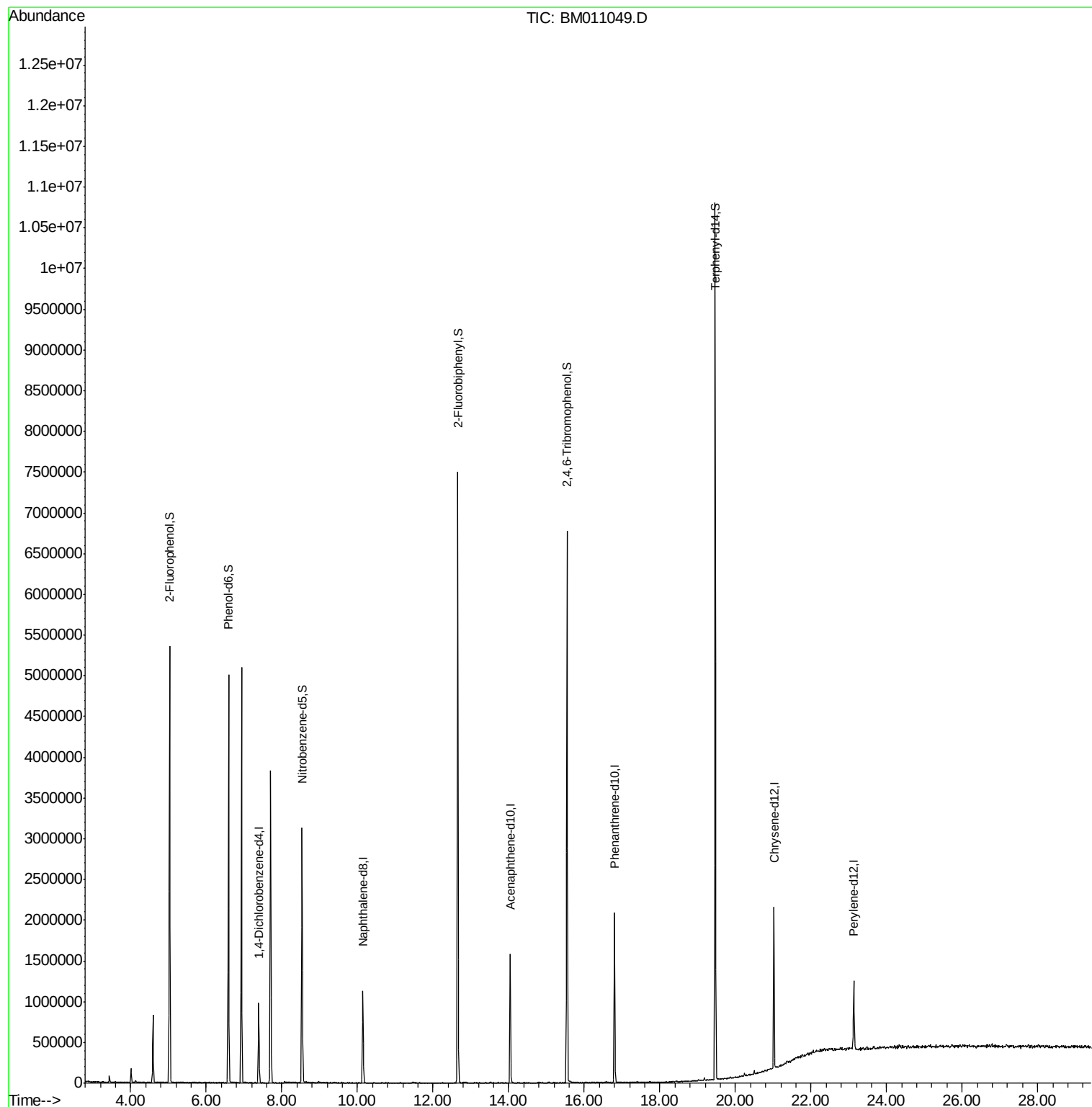
Target Compounds Qvalue

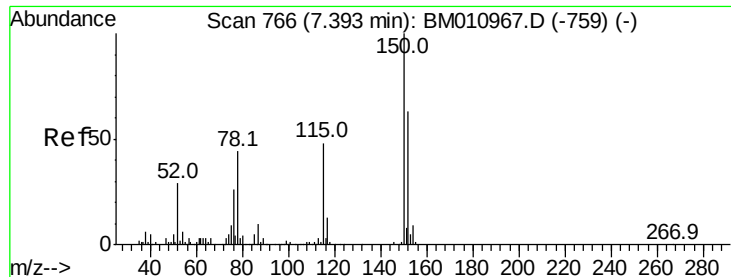
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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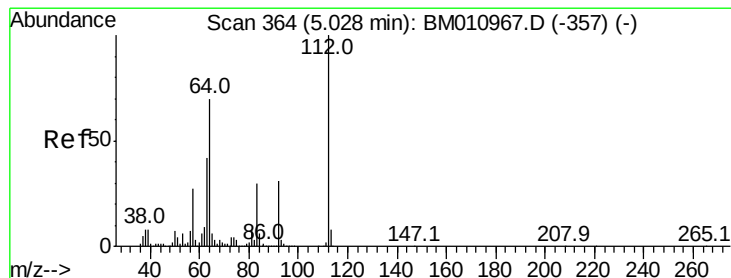
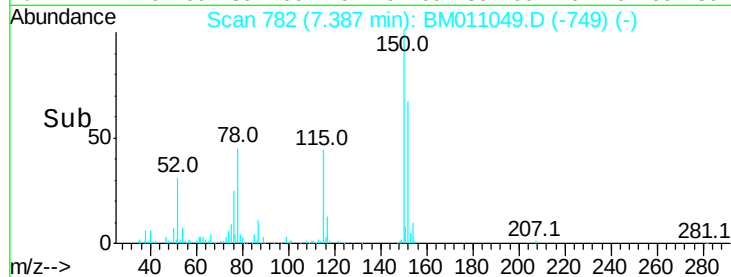
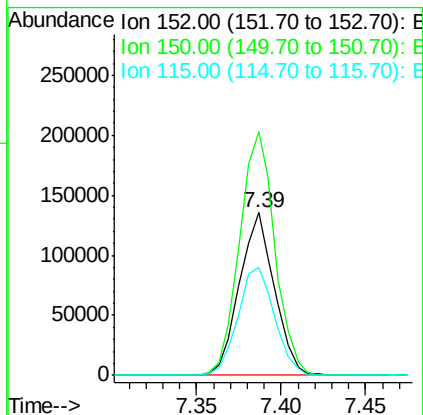
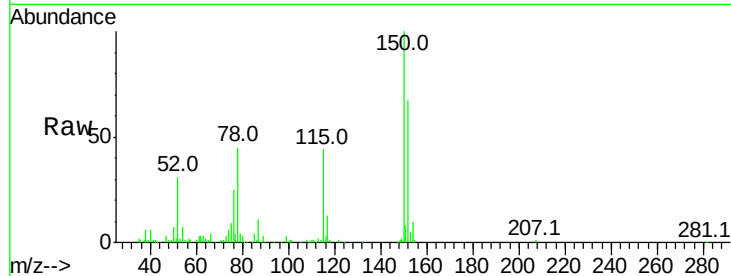


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011049.D
Acq: 28 Jul 2017 19:31

Instrument :
BNA_M
ClientSampleId :
PB101037BL

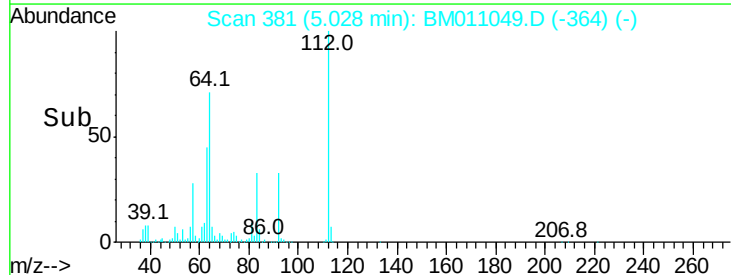
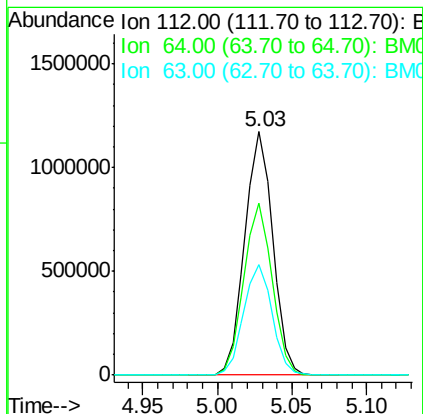
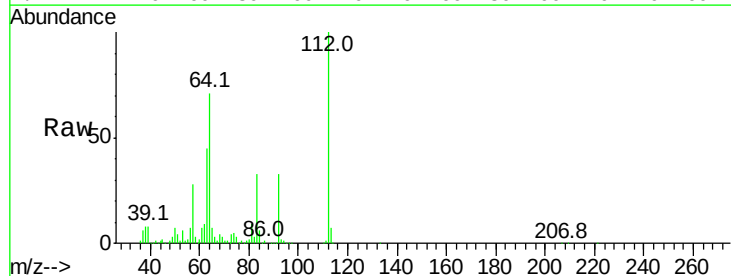
Tot Ion:152 Resp: 194718
Ion Ratio Lower Upper
152 100
150 150.0 119.5 179.3
115 66.3 43.0 64.4#

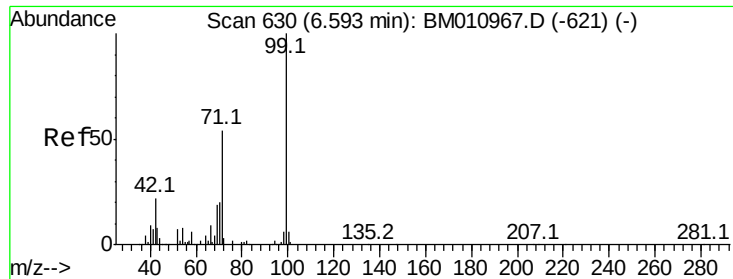


#5

2-Fluorophenol
Concen: 132.584 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011049.D
Acq: 28 Jul 2017 19:31

Tgt Ion:112 Resp: 1527205
Ion Ratio Lower Upper
112 100
64 70.6 38.6 57.8#
63 45.3 19.3 28.9#





#7

Phenol-d6

Concen: 128.426 ng

RT: 6.59 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM011049.D

Acq: 28 Jul 2017 19:31

Instrument :

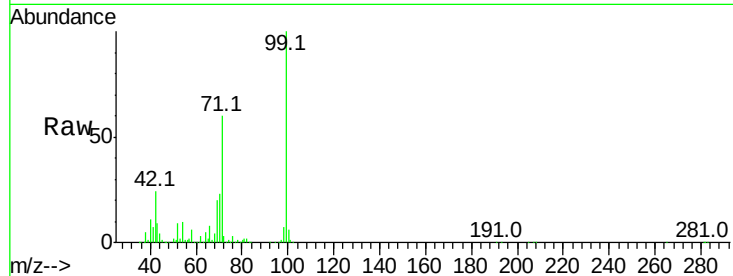
BNA_M

ClientSampleId :

PB101037BL

Tot Ion: 99 Resp: 2101824

Ion	Ratio	Lower	Upper
99	100		
42	23.8	11.0	16.4#
71	59.7	23.4	35.2#

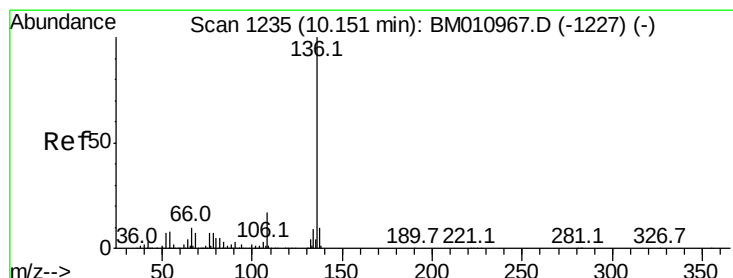
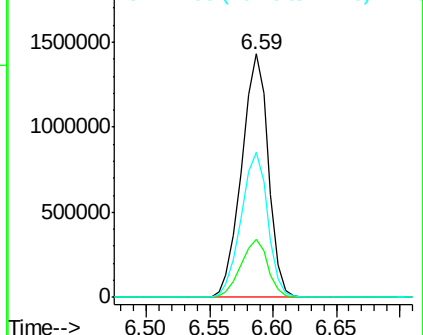
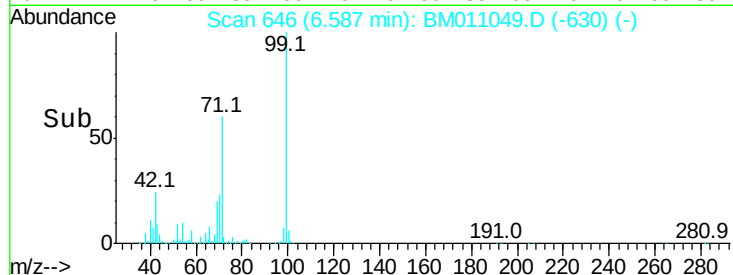


Abundance

Ion 99.00 (98.70 to 99.70): BM011049.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011049.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011049.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.15 min Scan# 1251

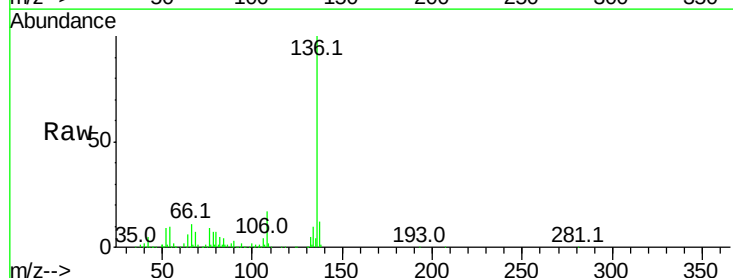
Delta R.T. -0.01 min

Lab File: BM011049.D

Acq: 28 Jul 2017 19:31

Tgt Ion: 136 Resp: 703569

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	10.3	4.6	6.8#
68	6.9	3.7	5.5#



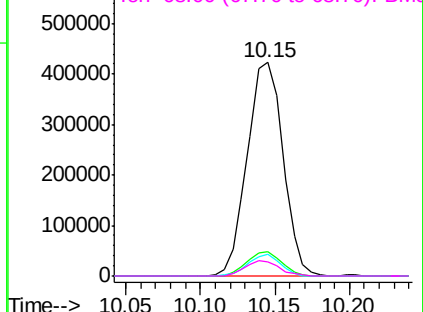
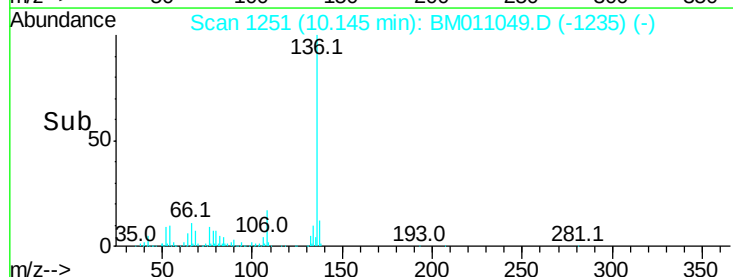
Abundance

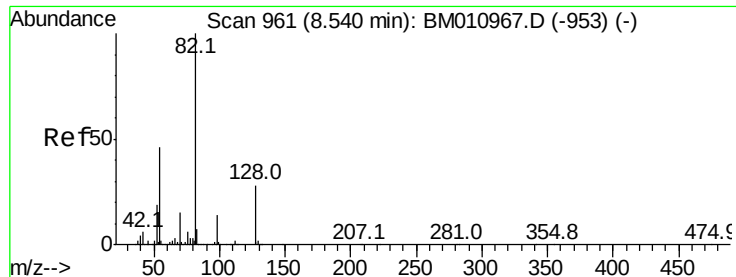
Ion 136.00 (135.70 to 136.70): BM011049.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011049.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011049.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011049.D (-1235) (-)





#23

Nitrobenzene-d5

Concen: 91.688 ng

RT: 8.53 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM011049.D

Acq: 28 Jul 2017 19:31

Instrument :

BNA_M

ClientSampleId :

PB101037BL

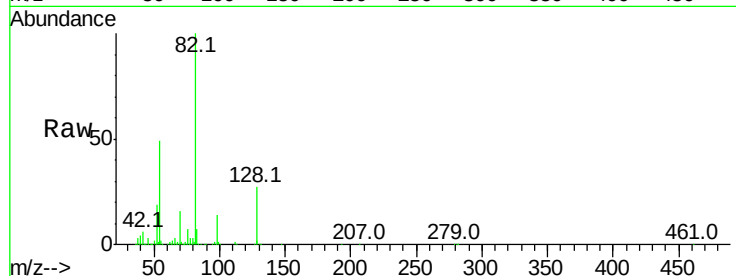
Tot Ion: 82 Resp: 1718791

Ion Ratio Lower Upper

82 100

128 26.7 32.8 49.2#

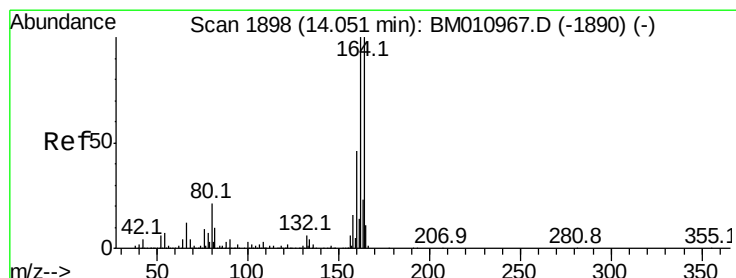
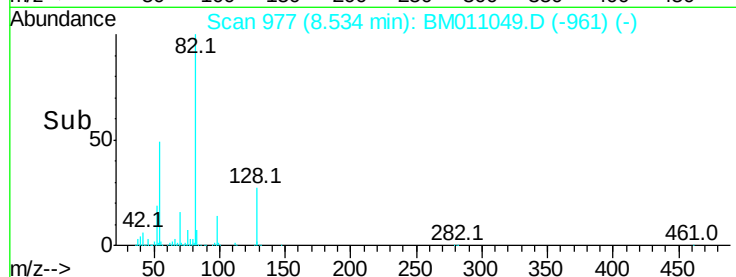
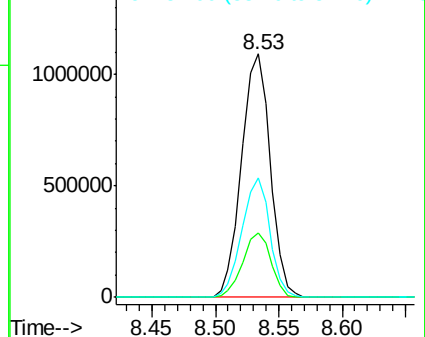
54 49.0 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM011049.D (-961) (-)

Ion 128.00 (127.70 to 128.70): BM011049.D (-961) (-)

Ion 54.00 (53.70 to 54.70): BM011049.D (-961) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.04 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BM011049.D

Acq: 28 Jul 2017 19:31

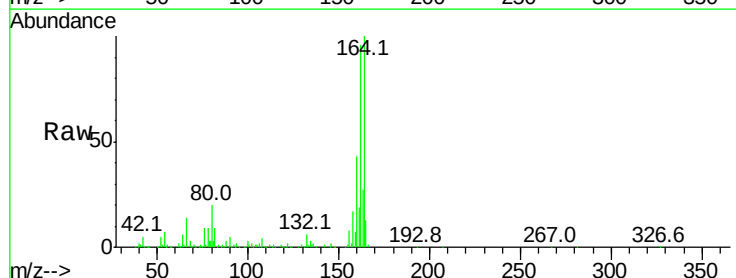
Tgt Ion:164 Resp: 460567

Ion Ratio Lower Upper

164 100

162 95.5 82.4 123.6

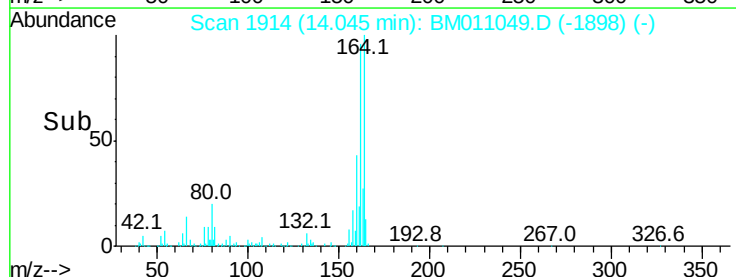
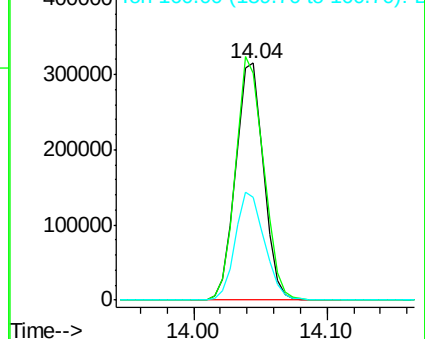
160 43.5 35.8 53.6

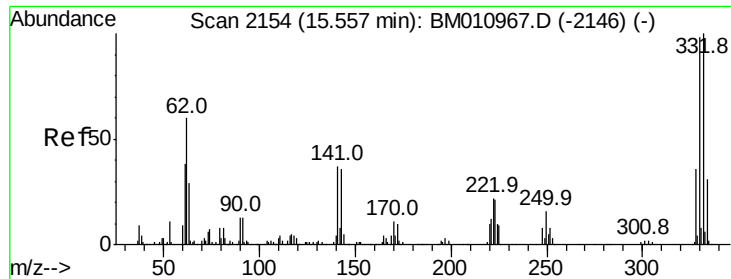


Abundance Ion 164.00 (163.70 to 164.70): BM011049.D (-1898) (-)

Ion 162.00 (161.70 to 162.70): BM011049.D (-1898) (-)

Ion 160.00 (159.70 to 160.70): BM011049.D (-1898) (-)

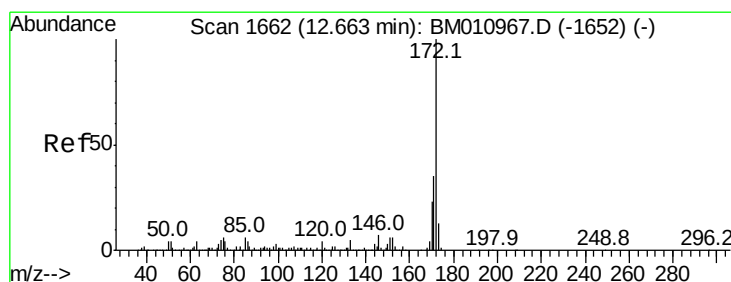
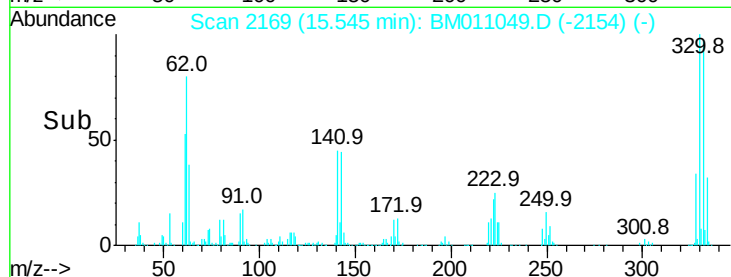
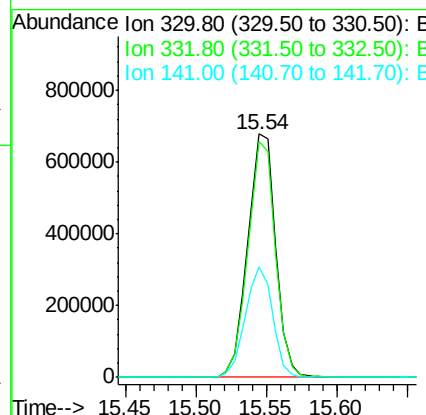
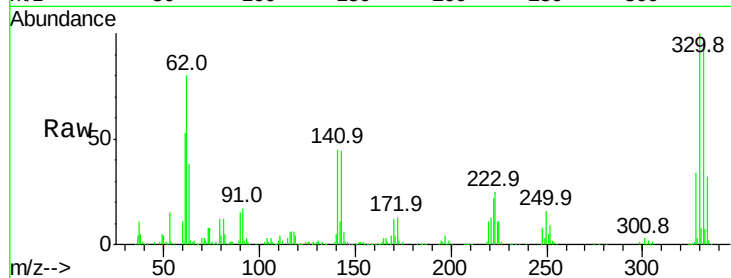




#41
 2,4,6-Tribromophenol
 Concen: 127.466 ng
 RT: 15.54 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BM011049.D
 Acq: 28 Jul 2017 19:31

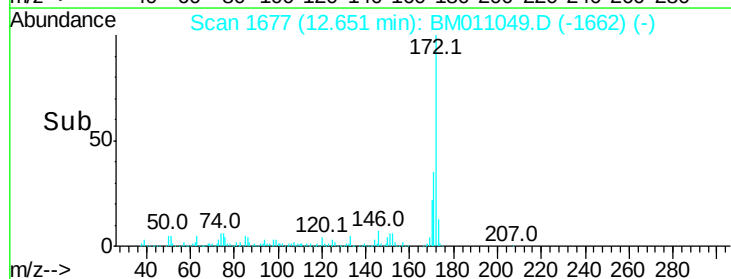
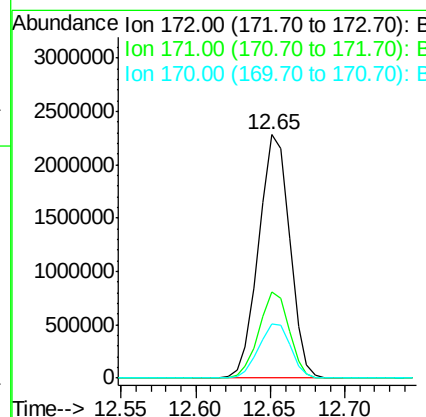
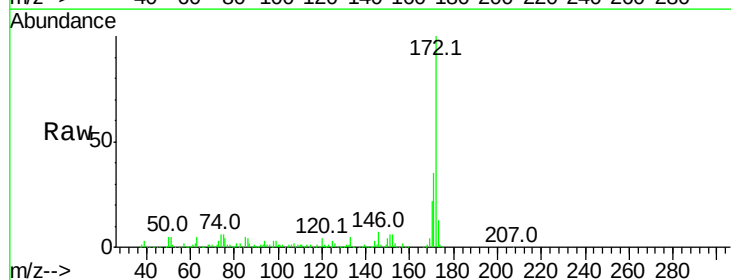
Instrument :
 BNA_M
 ClientSampleId :
 PB101037BL

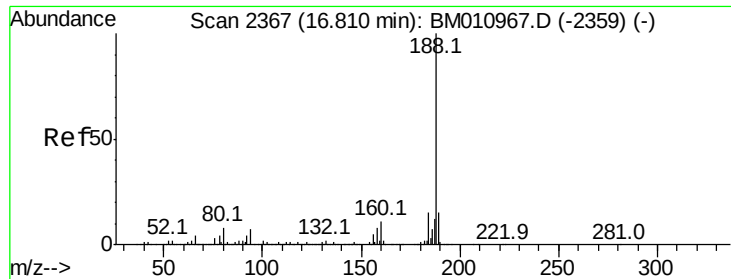
Tot Ion:330 Resp: 940941
 Ion Ratio Lower Upper
 330 100
 332 95.7 0.0 0.0#
 141 44.4 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 89.069 ng
 RT: 12.65 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM011049.D
 Acq: 28 Jul 2017 19:31

Tgt Ion:172 Resp: 3270943
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 22.5 18.8 28.2

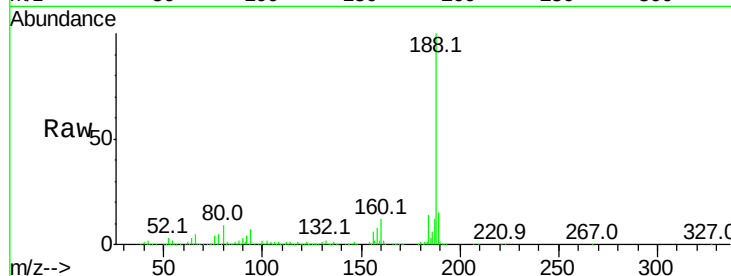




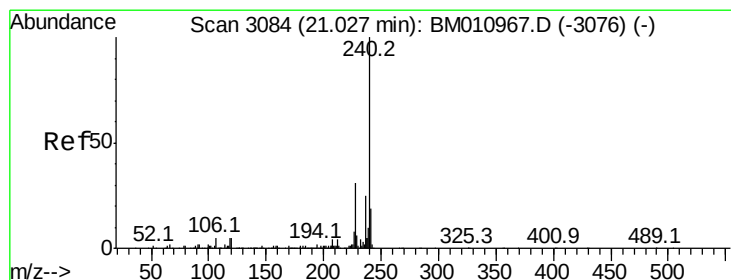
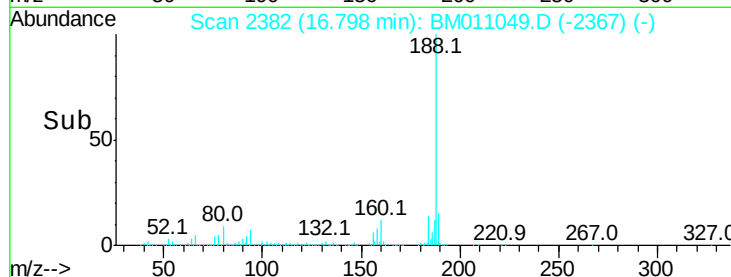
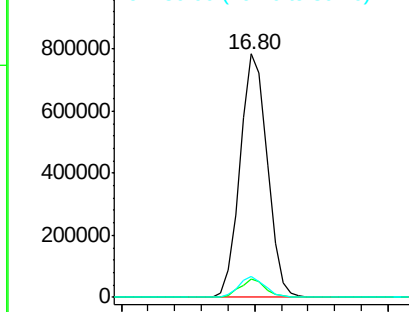
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM011049.D
Acq: 28 Jul 2017 19:31

Instrument :
BNA_M
ClientSampleId :
PB101037BL

Tot Ion:188 Resp: 1105229
Ion Ratio Lower Upper
188 100
94 7.3 8.7 13.1#
80 8.7 9.3 13.9#

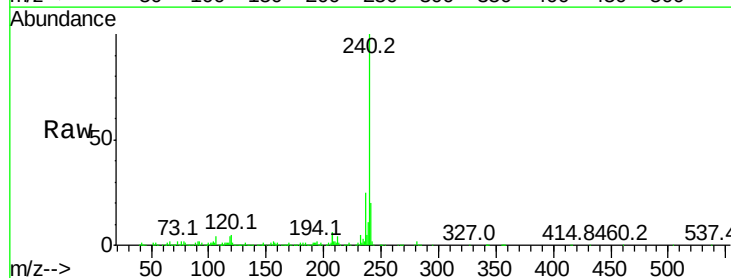


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

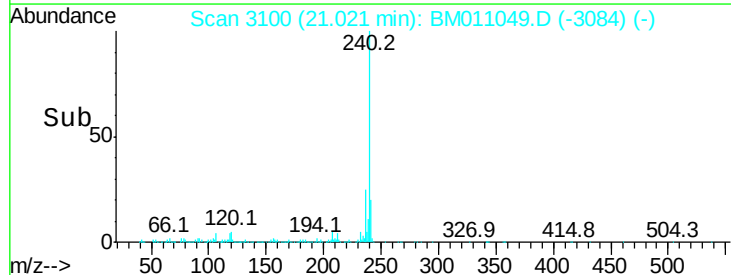
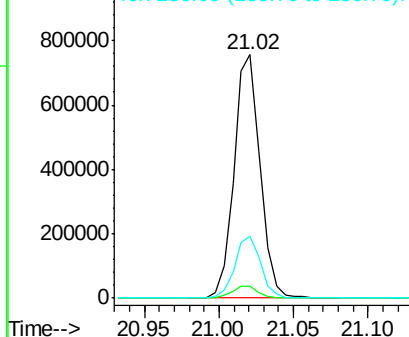


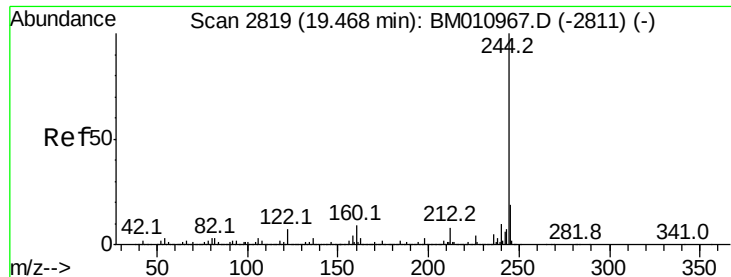
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM011049.D
Acq: 28 Jul 2017 19:31

Tgt Ion:240 Resp: 924026
Ion Ratio Lower Upper
240 100
120 4.8 8.2 12.2#
236 25.4 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: 90.265 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011049.D

Acq: 28 Jul 2017 19:31

Instrument :

BNA_M

ClientSampleId :

PB101037BL

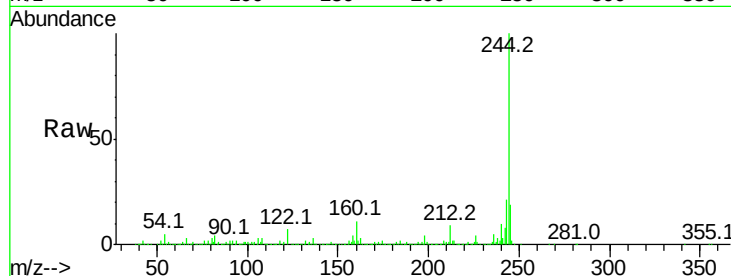
Tot Ion:244 Resp: 4210617

Ion Ratio Lower Upper

244 100

212 8.7 4.9 7.3#

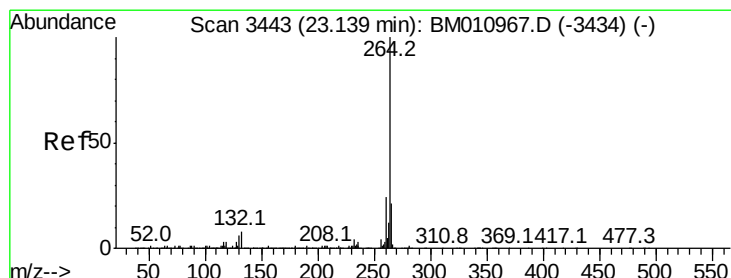
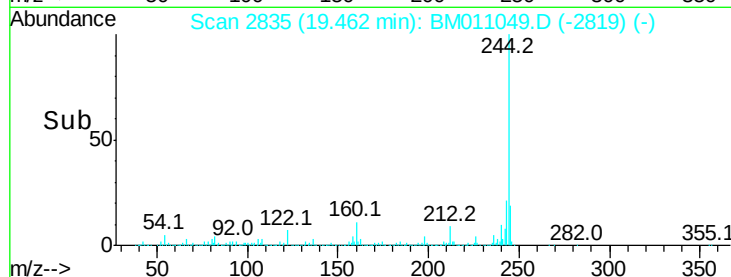
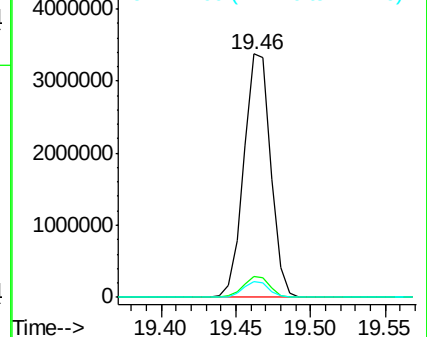
122 6.7 6.2 9.4



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: BM011049.D

Acq: 28 Jul 2017 19:31

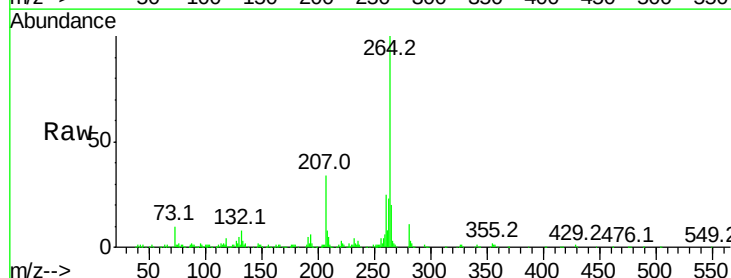
Tgt Ion:264 Resp: 516488

Ion Ratio Lower Upper

264 100

260 25.2 18.6 27.8

265 20.1 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

