

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\
 Data File : BM011039.D
 Acq On : 28 Jul 2017 13:12
 Operator : SJ/JU
 Sample : I4442-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-225

Quant Time: Jul 28 15:06:45 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	161346	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	594430	20.00	ng	0.00
38) Acenaphthene-d10	14.04	164	392339	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	1085764	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	1208461	20.00	ng	0.00
86) Perylene-d12	23.13	264	947236	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1263964	132.43	ng	0.00
7) Phenol-d6	6.59	99	1668179	123.01	ng	0.00
23) Nitrobenzene-d5	8.53	82	1415821	89.39	ng	0.00
41) 2,4,6-Tribromophenol	15.55	330	872318	138.72	ng	0.00
44) 2-Fluorobiphenyl	12.66	172	2562078	81.90	ng	0.00
78) Terphenyl-d14	19.47	244	5007698	82.08	ng	0.00

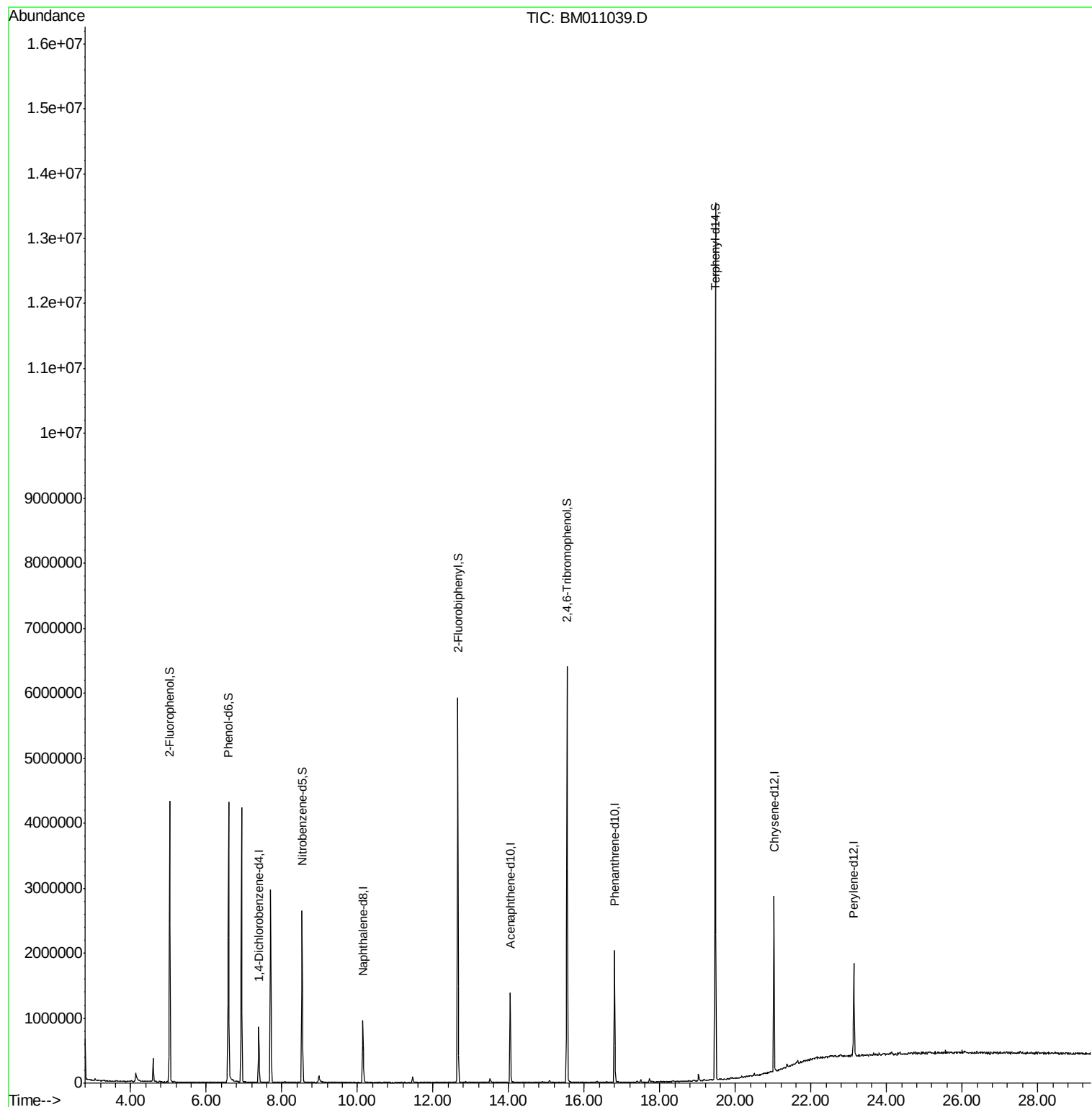
Target Compounds Qvalue

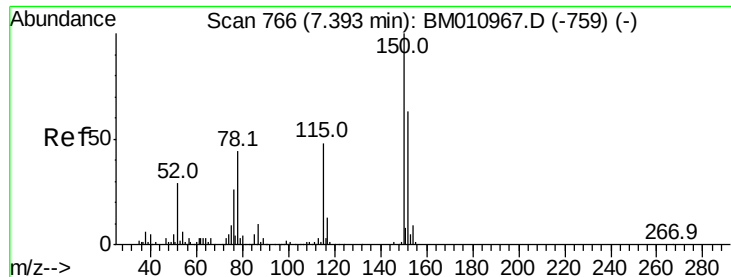
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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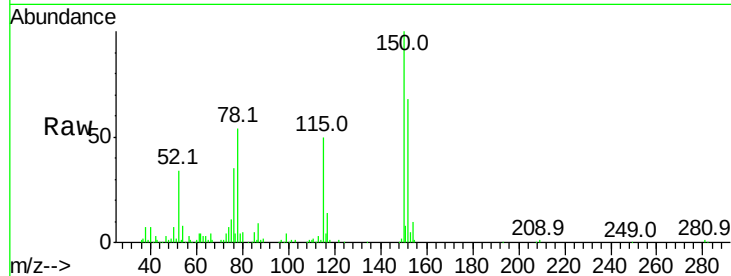


#1

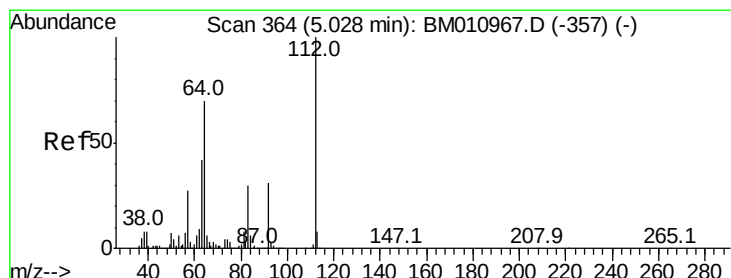
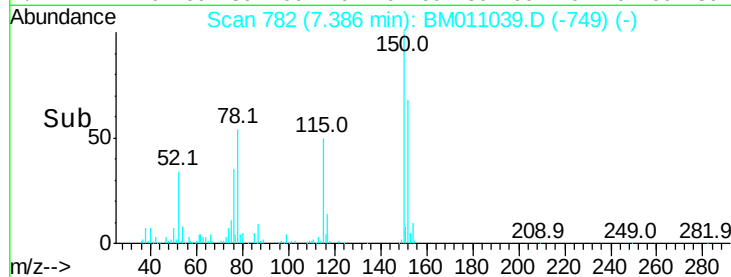
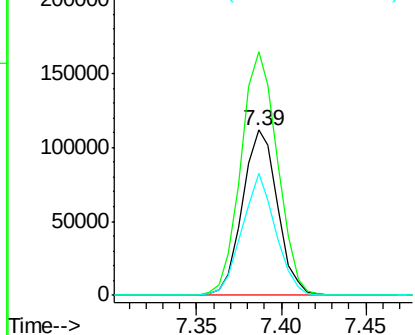
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011039.D
Acq: 28 Jul 2017 13:12

Instrument :
BNA_M
ClientSampled :
VNJ-225

Tot Ion:152 Resp: 161346
Ion Ratio Lower Upper
152 100
150 147.2 119.5 179.3
115 73.6 43.0 64.4#



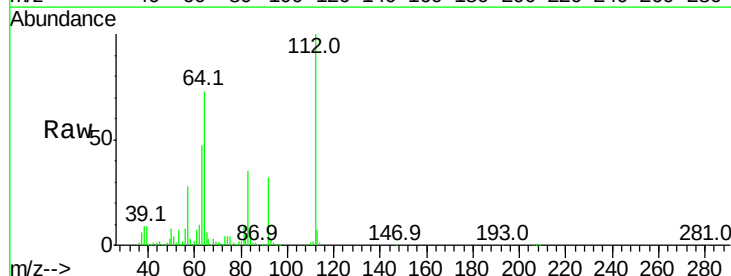
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



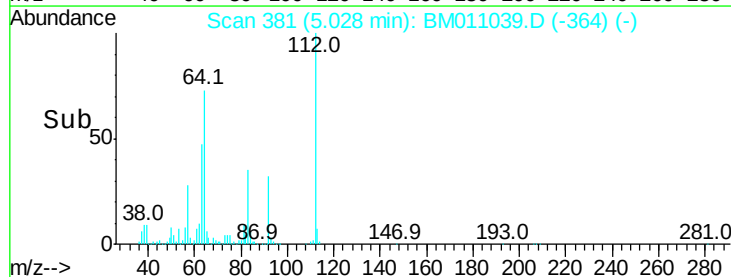
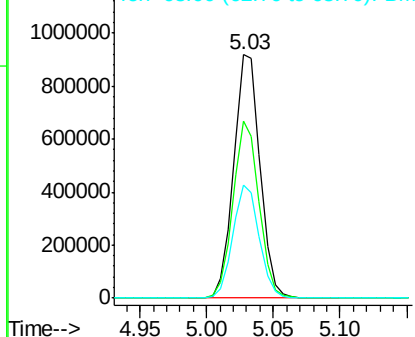
#5

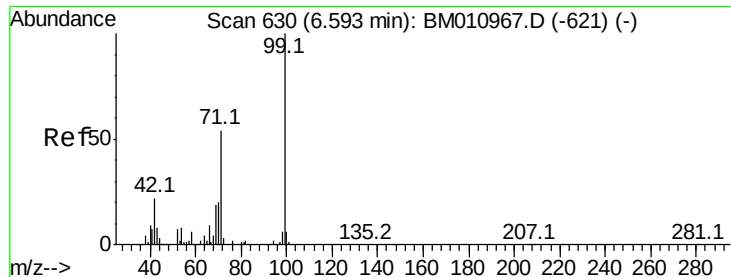
2-Fluorophenol
Concen: 132.427 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011039.D
Acq: 28 Jul 2017 13:12

Tgt Ion:112 Resp: 1263964
Ion Ratio Lower Upper
112 100
64 72.5 38.6 57.8#
63 46.6 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: 123.012 ng

RT: 6.59 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM011039.D

Acq: 28 Jul 2017 13:12

Instrument :

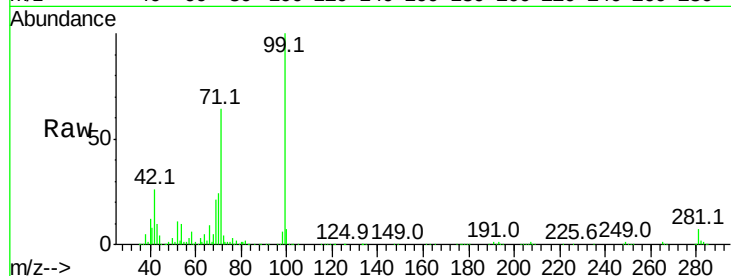
BNA_M

ClientSampled :

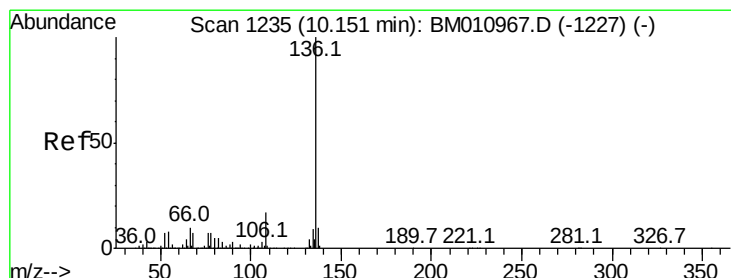
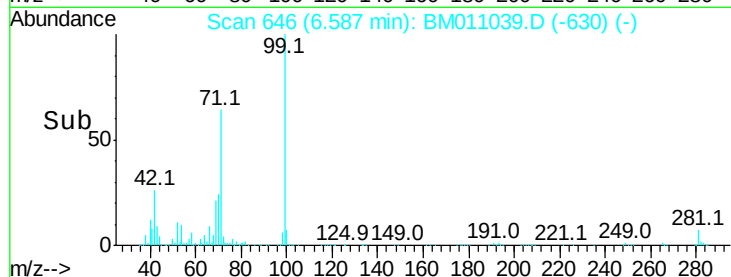
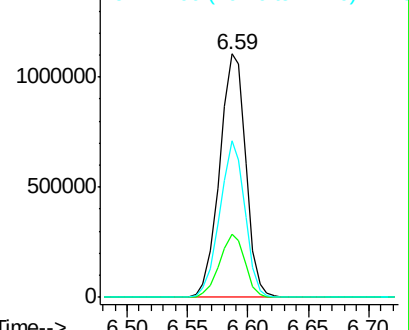
VNJ-225

Tot Ion: 99 Resp: 1668179

Ion	Ratio	Lower	Upper
99	100		
42	26.2	11.0	16.4#
71	64.1	23.4	35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011039.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.15 min Scan# 1251

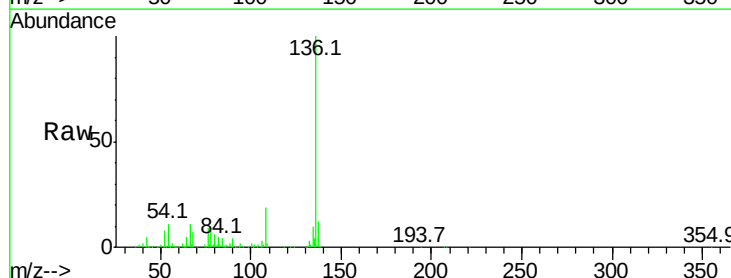
Delta R.T. -0.01 min

Lab File: BM011039.D

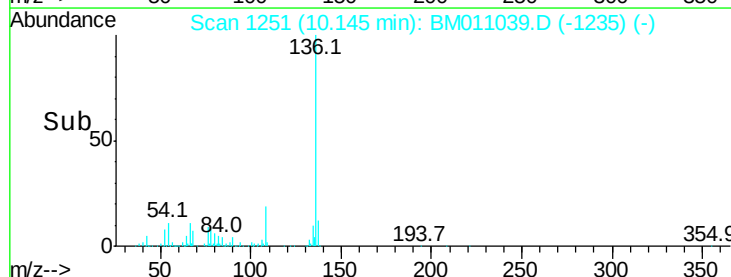
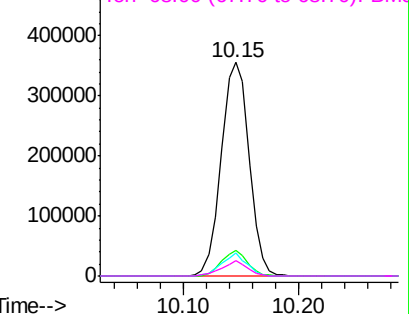
Acq: 28 Jul 2017 13:12

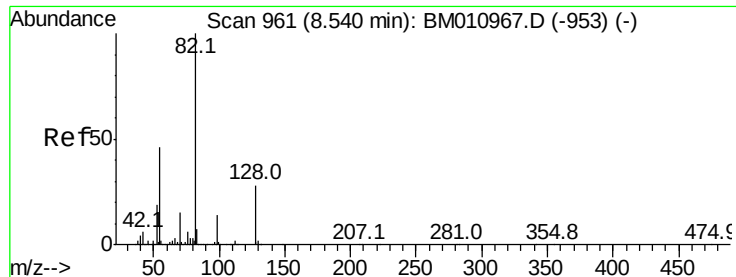
Tgt Ion: 136 Resp: 594430

Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.7	13.1
54	10.5	4.6	6.8#
68	7.4	3.7	5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM011039.D (-1235) (-)





#23

Nitrobenzene-d5

Concen: 89.393 ng

RT: 8.53 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM011039.D

Acq: 28 Jul 2017 13:12

Instrument :

BNA_M

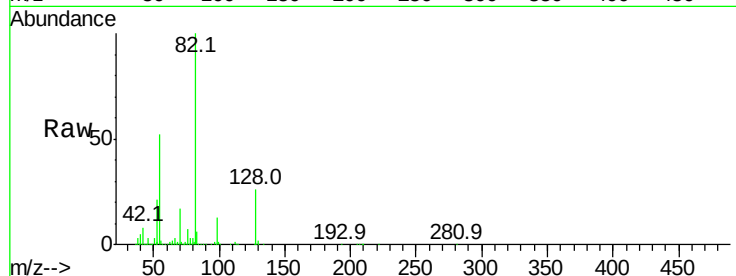
ClientSampleId :

VNJ-225

Tot Ion: 82 Resp: 1415821

Ion Ratio Lower Upper

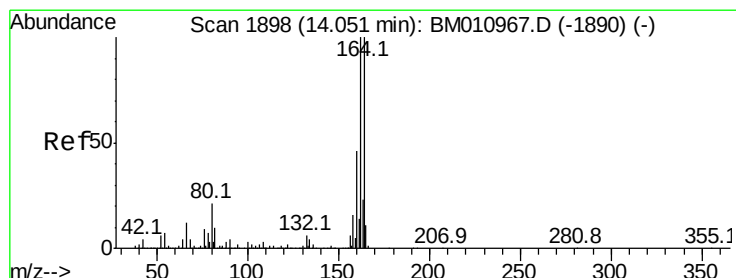
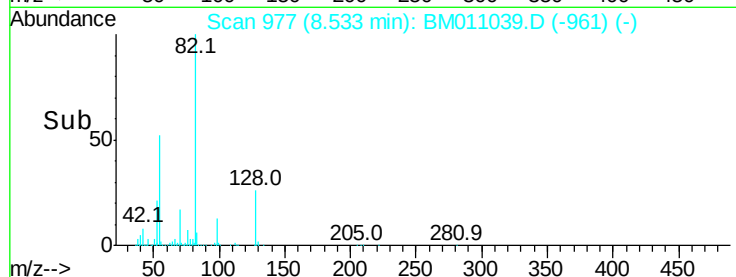
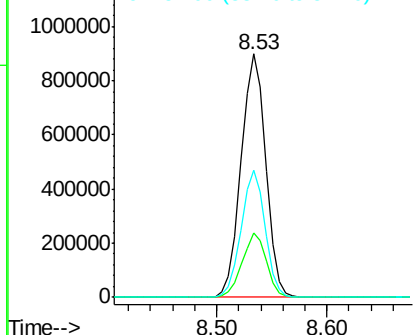
82	100		
128	26.4	32.8	49.2#
54	52.2	40.6	60.8



Abundance Ion 82.00 (81.70 to 82.70): BM011039.D (-961) (-)

Ion 128.00 (127.70 to 128.70): BM011039.D (-961) (-)

Ion 54.00 (53.70 to 54.70): BM011039.D (-961) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.04 min Scan# 1914

Delta R.T. -0.01 min

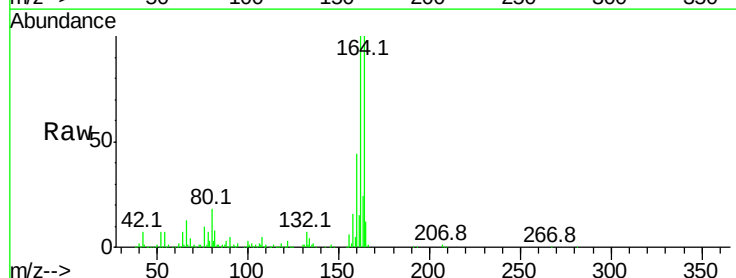
Lab File: BM011039.D

Acq: 28 Jul 2017 13:12

Tgt Ion:164 Resp: 392339

Ion Ratio Lower Upper

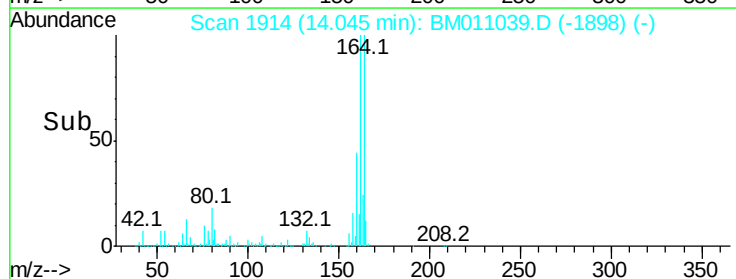
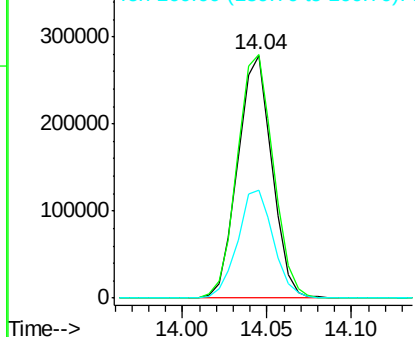
164	100		
162	100.4	82.4	123.6
160	44.3	35.8	53.6

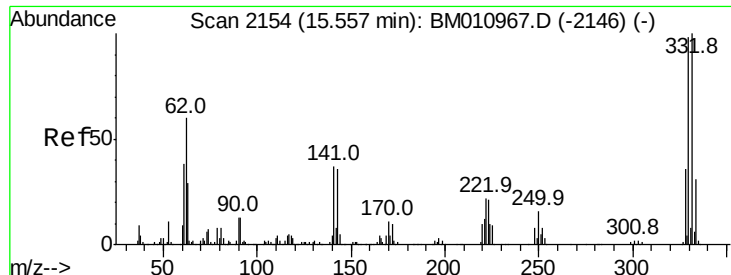


Abundance Ion 164.00 (163.70 to 164.70): BM011039.D (-1898) (-)

Ion 162.00 (161.70 to 162.70): BM011039.D (-1898) (-)

Ion 160.00 (159.70 to 160.70): BM011039.D (-1898) (-)

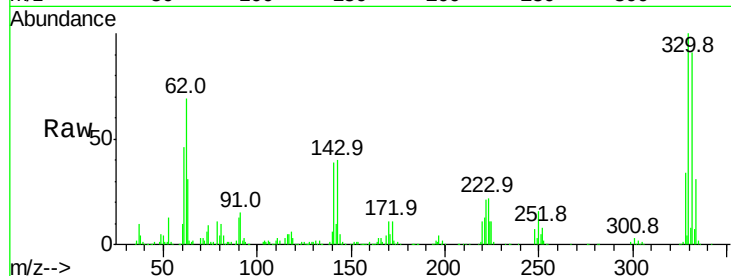




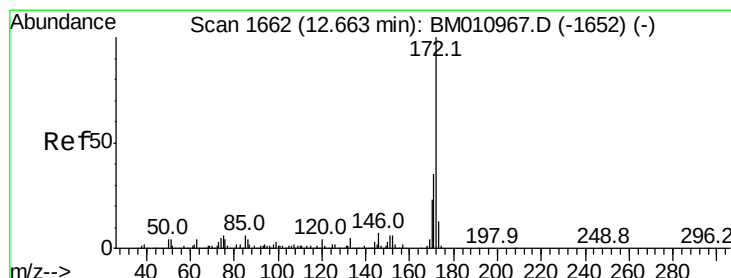
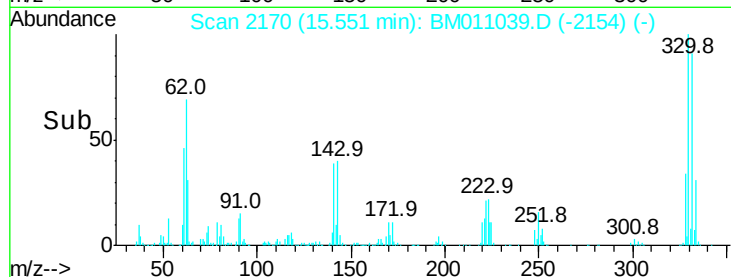
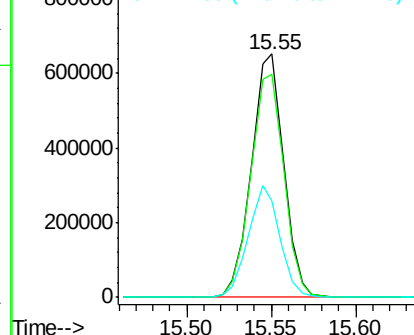
#41
 2,4,6-Tribromophenol
 Concen: 138.719 ng
 RT: 15.55 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BM011039.D
 Acq: 28 Jul 2017 13:12

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-225

Tot Ion:330 Resp: 872318
 Ion Ratio Lower Upper
 330 100
 332 94.4 0.0 0.0#
 141 44.8 0.0 0.0#

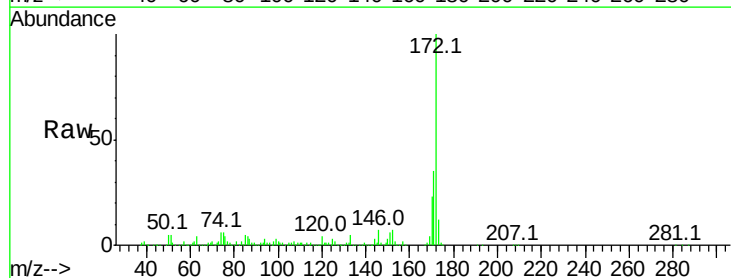


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

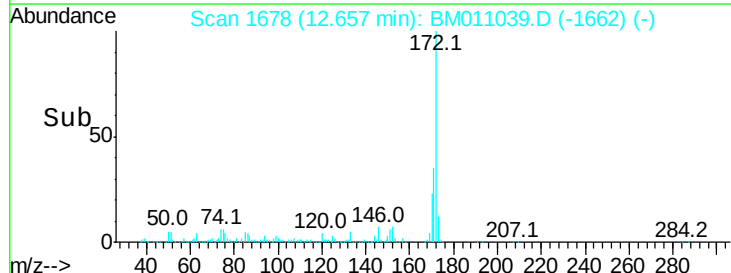
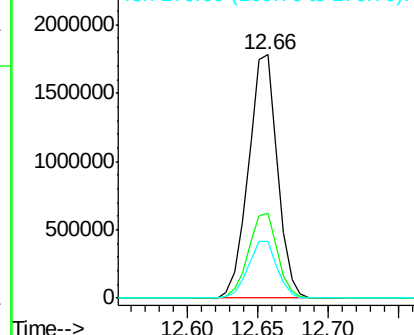


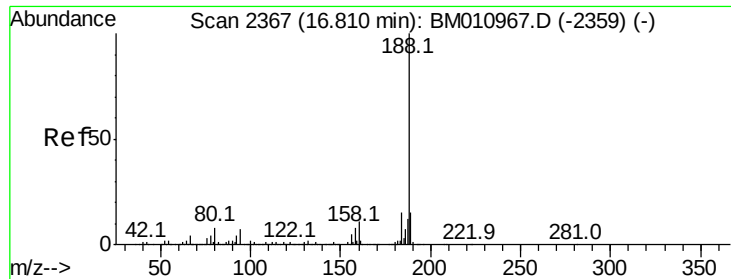
#44
 2-Fluorobiphenyl
 Concen: 81.898 ng
 RT: 12.66 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM011039.D
 Acq: 28 Jul 2017 13:12

Tgt Ion:172 Resp: 2562078
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.5 42.7
 170 23.1 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# 2382

Delta R.T. -0.01 min

Lab File: BM011039.D

Acq: 28 Jul 2017 13:12

Instrument :

BNA_M

ClientSampleId :

VNJ-225

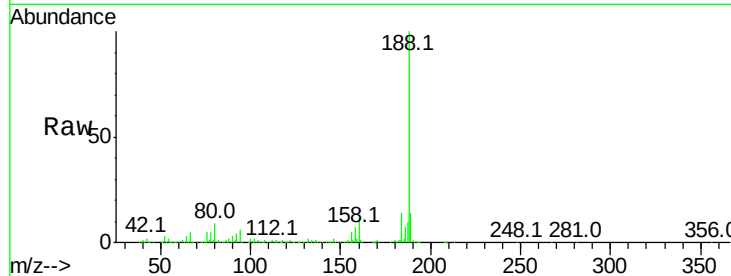
Tot Ion:188 Resp: 1085764

Ion Ratio Lower Upper

188 100

94 6.4 8.7 13.1#

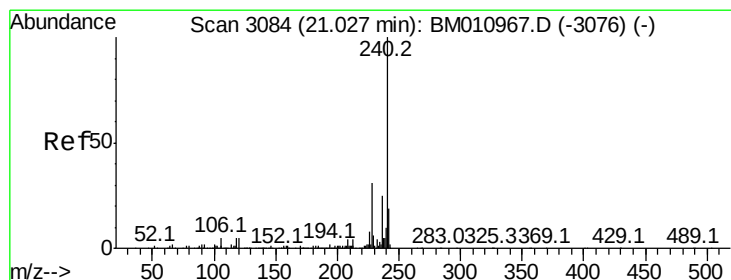
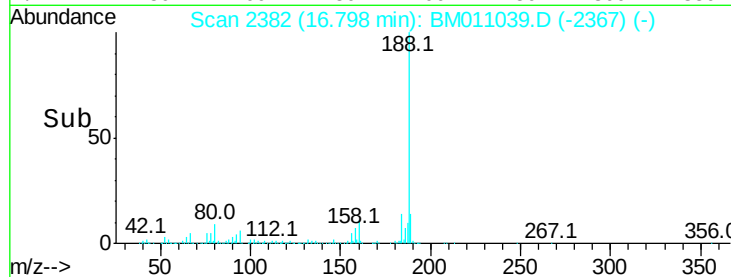
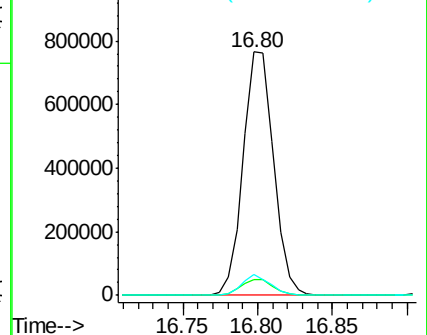
80 8.5 9.3 13.9#



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: 20.000 ng

RT: 21.02 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM011039.D

Acq: 28 Jul 2017 13:12

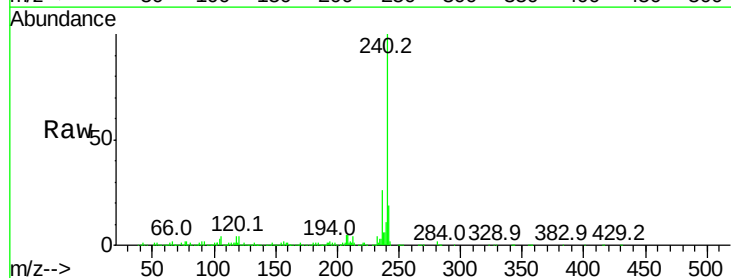
Tgt Ion:240 Resp: 1208461

Ion Ratio Lower Upper

240 100

120 4.2 8.2 12.2#

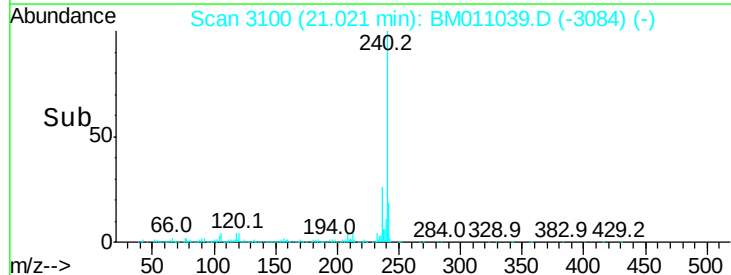
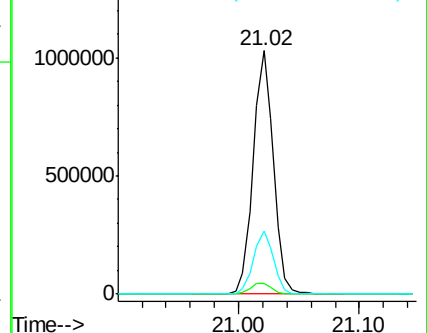
236 25.7 20.0 30.0

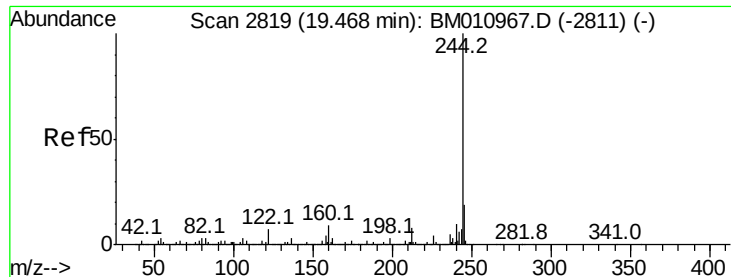


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.085 ng

RT: 19.47 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BM011039.D

Acq: 28 Jul 2017 13:12

Instrument :

BNA_M

ClientSampled :

VNJ-225

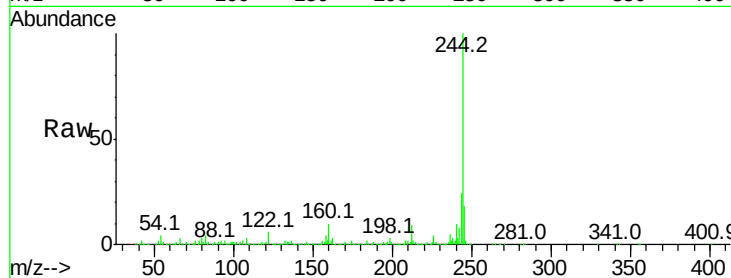
Tot Ion:244 Resp: 5007698

Ion Ratio Lower Upper

244 100

212 8.6 4.9 7.3#

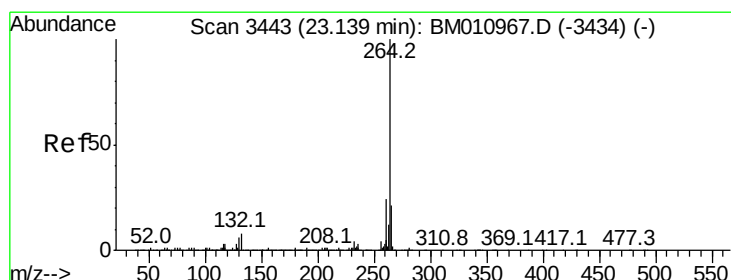
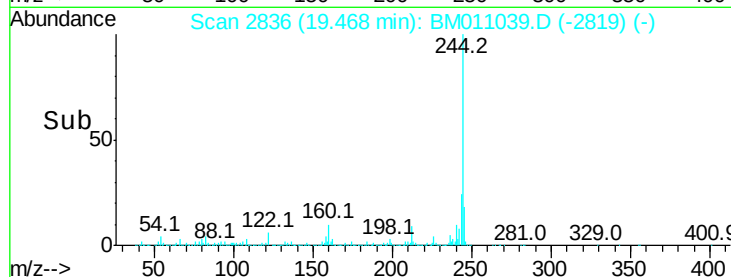
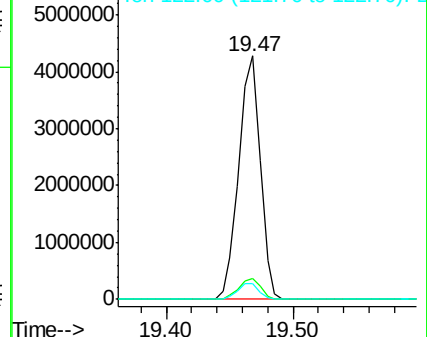
122 6.4 6.2 9.4



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: 20.000 ng

RT: 23.13 min Scan# 3459

Delta R.T. -0.01 min

Lab File: BM011039.D

Acq: 28 Jul 2017 13:12

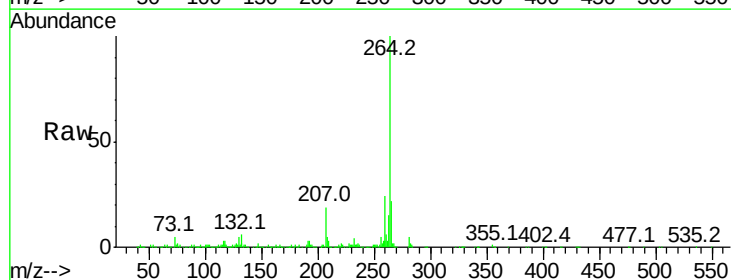
Tgt Ion:264 Resp: 947236

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 22.0 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

