

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073117\
 Data File : BM011066.D
 Acq On : 31 Jul 2017 14:06
 Operator : SJ/JU
 Sample : I4473-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-202-286-280

Quant Time: Jul 31 14:40:13 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	204702	20.00	ng	0.00
21) Naphthalene-d8	10.14	136	754020	20.00	ng	-0.01
38) Acenaphthene-d10	14.04	164	500677	20.00	ng	-0.01
63) Phenanthrene-d10	16.80	188	1266654	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	1198085	20.00	ng	-0.01
86) Perylene-d12	23.13	264	931828	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1802379	148.84	ng	0.00
7) Phenol-d6	6.59	99	2414933	140.36	ng	0.00
23) Nitrobenzene-d5	8.53	82	2158107	107.42	ng	0.00
41) 2,4,6-Tribromophenol	15.54	330	1224009	152.53	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	3932241	98.50	ng	-0.01
78) Terphenyl-d14	19.46	244	6069023	100.34	ng	0.00

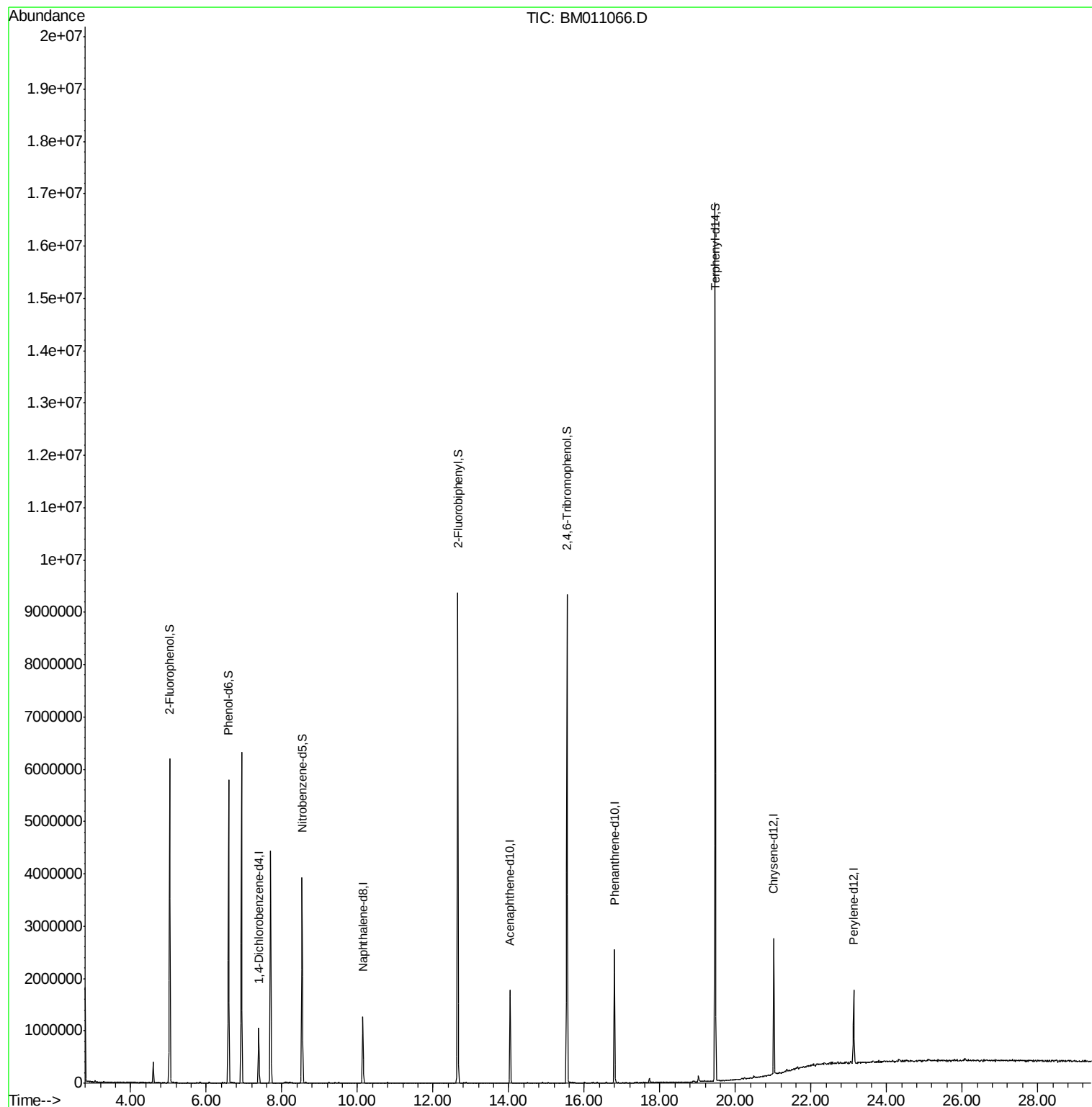
Target Compounds Qvalue

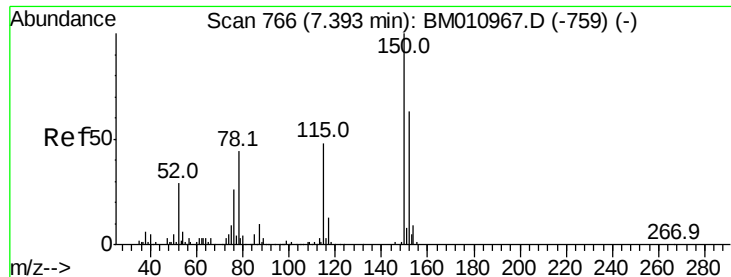
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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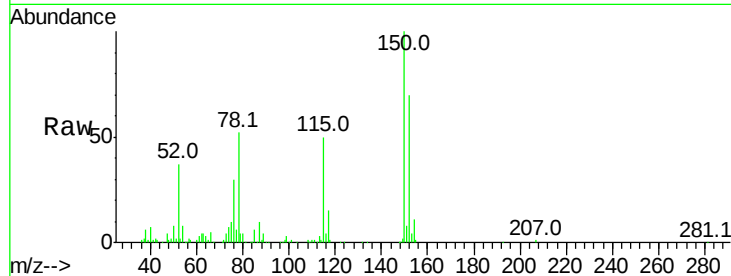


#1

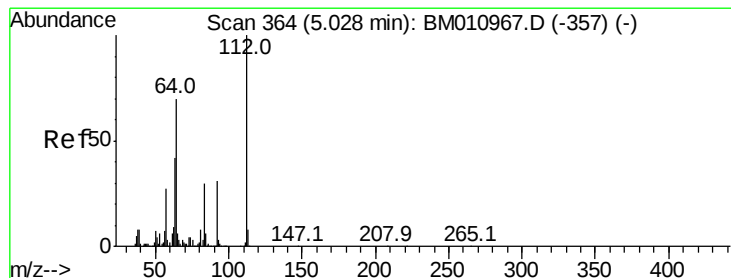
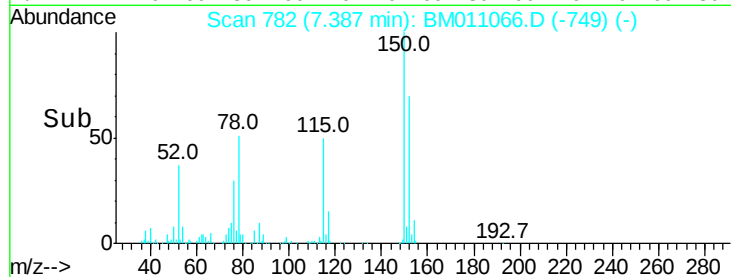
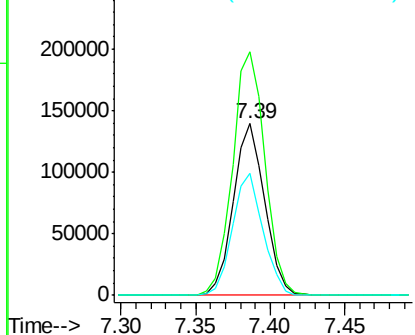
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.39 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BM011066.D
 Acq: 31 Jul 2017 14:06

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-202-286-280

Tot Ion:152 Resp: 204702
 Ion Ratio Lower Upper
 152 100
 150 142.0 119.5 179.3
 115 71.5 43.0 64.4#



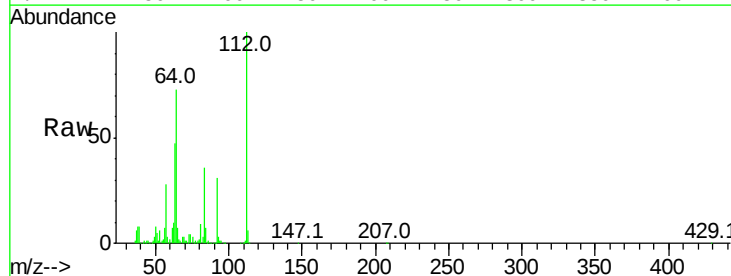
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



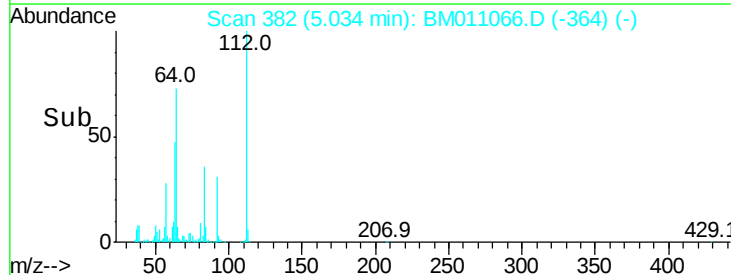
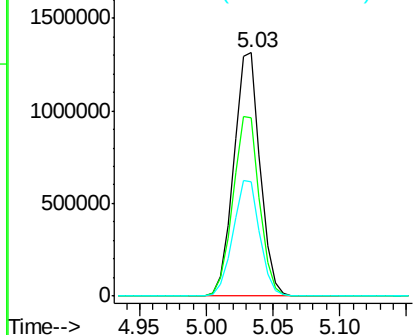
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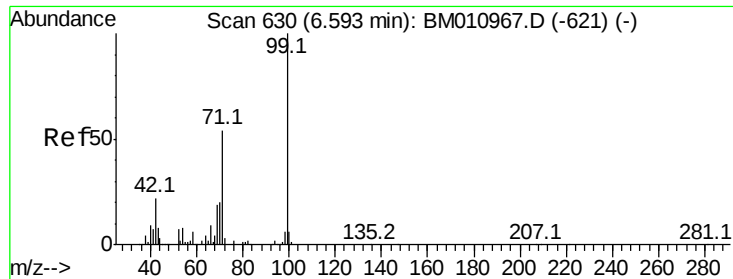
2-Fluorophenol
 Concen: 148.841 ng
 RT: 5.03 min Scan# 382
 Delta R.T. 0.01 min
 Lab File: BM011066.D
 Acq: 31 Jul 2017 14:06

Tgt Ion:112 Resp: 1802379
 Ion Ratio Lower Upper
 112 100
 64 73.1 38.6 57.8#
 63 46.8 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: 140.360 ng

RT: 6.59 min Scan# 647

Delta R.T. -0.00 min

Lab File: BM011066.D

Acq: 31 Jul 2017 14:06

Instrument :

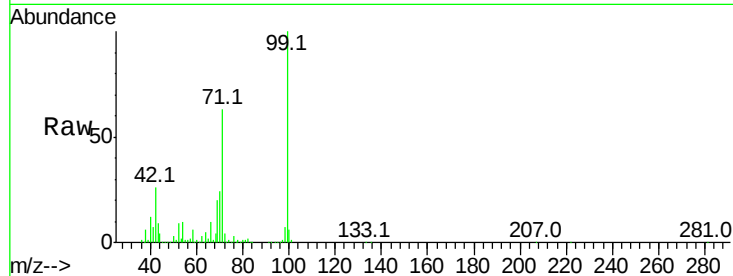
BNA_M

ClientSampleId :

VNJ-202-286-280

Tot Ion: 99 Resp: 2414933

Ion	Ratio	Lower	Upper
99	100		
42	26.4	11.0	16.4#
71	63.0	23.4	35.2#

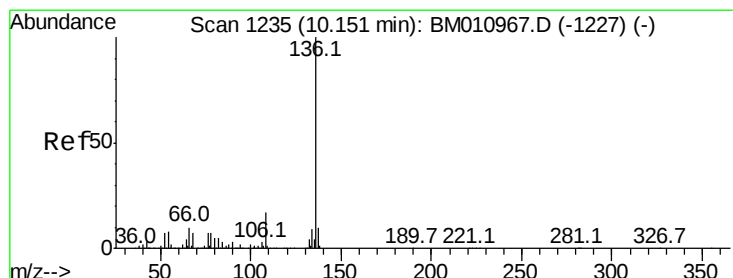
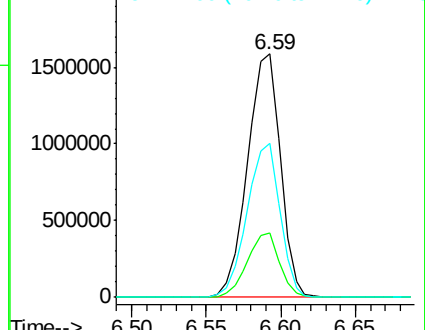
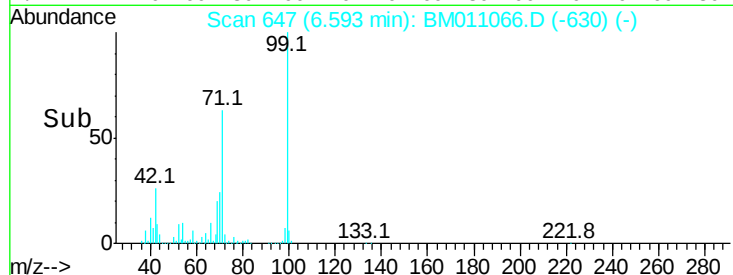


Abundance

Ion 99.00 (98.70 to 99.70): BM011066.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011066.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011066.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.14 min Scan# 1250

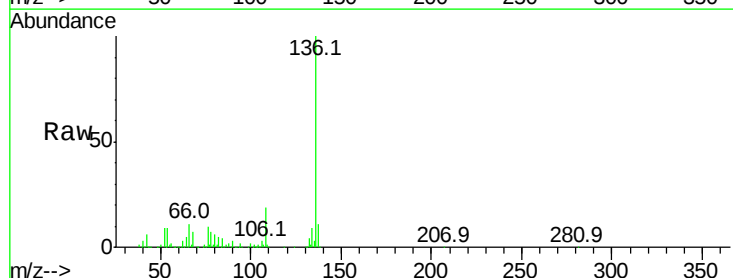
Delta R.T. -0.01 min

Lab File: BM011066.D

Acq: 31 Jul 2017 14:06

Tgt Ion: 136 Resp: 754020

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.4	4.6	6.8#
68	6.6	3.7	5.5#



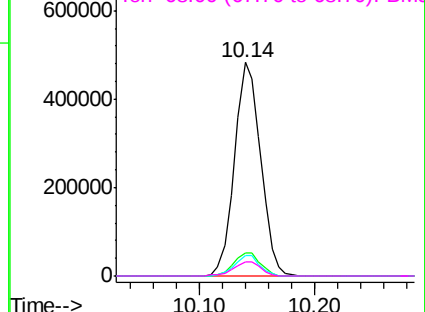
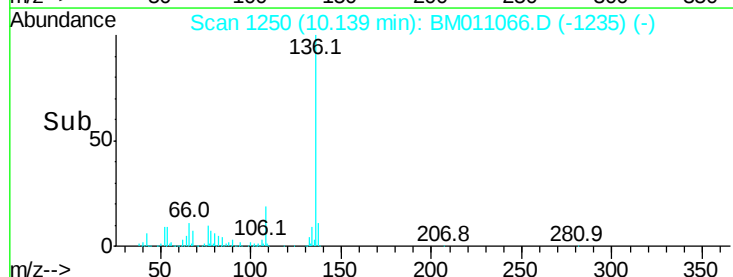
Abundance

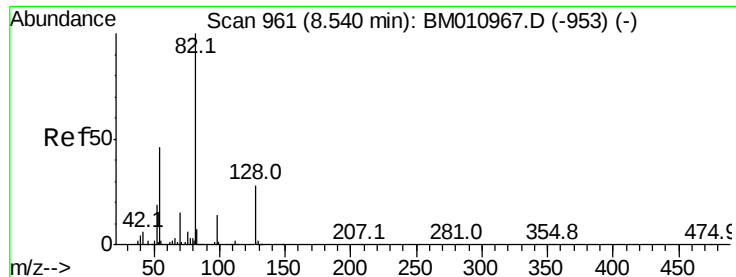
Ion 136.00 (135.70 to 136.70): BM011066.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011066.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011066.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011066.D (-1235) (-)



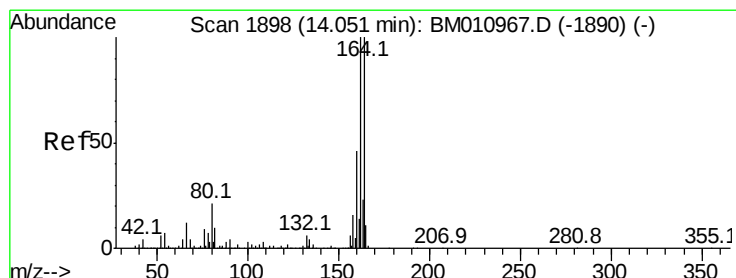
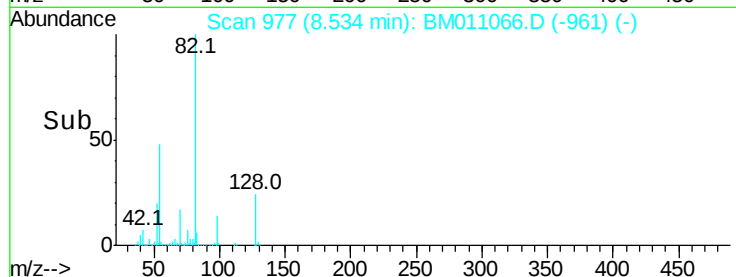
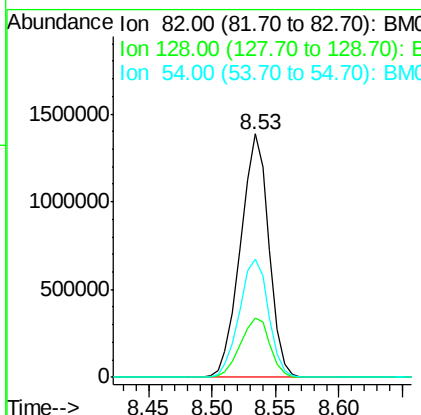
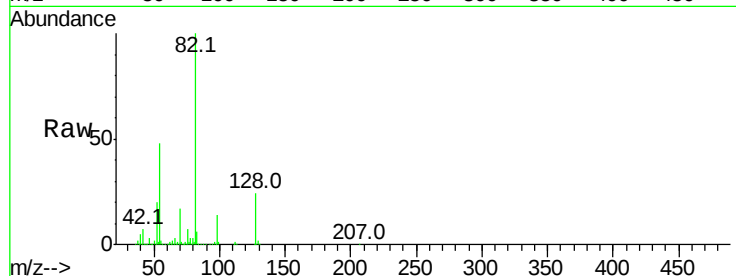


#23
 Nitrobenzene-d5
 Concen: 107.421 ng
 RT: 8.53 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BM011066.D
 Acq: 31 Jul 2017 14:06

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-202-286-280

Tot Ion: 82 Resp: 2158107

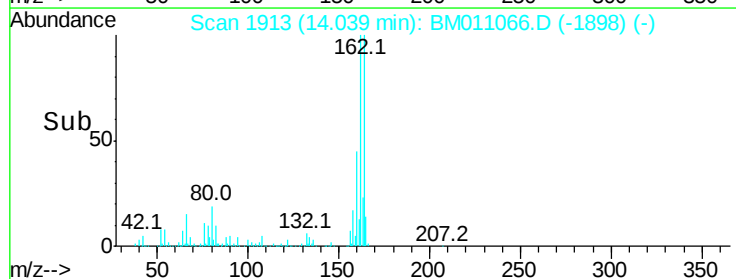
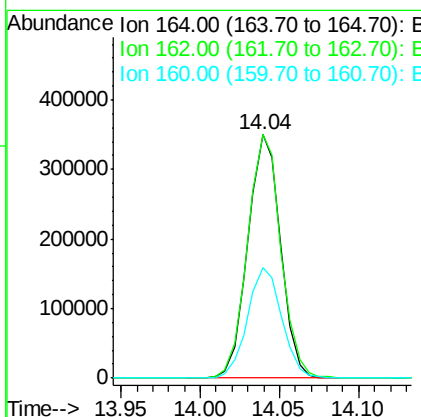
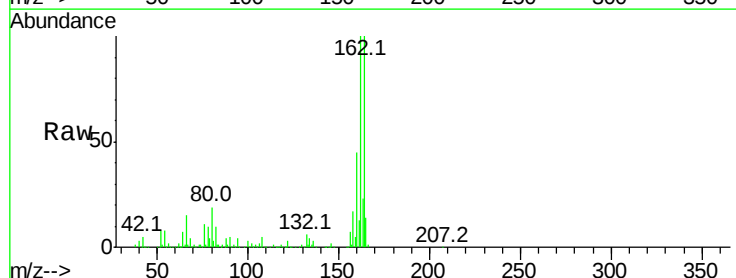
Ion	Ratio	Lower	Upper
82	100		
128	24.2	32.8	49.2#
54	48.4	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.04 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BM011066.D
 Acq: 31 Jul 2017 14:06

Tgt Ion: 164 Resp: 500677

Ion	Ratio	Lower	Upper
164	100		
162	100.0	82.4	123.6
160	45.4	35.8	53.6

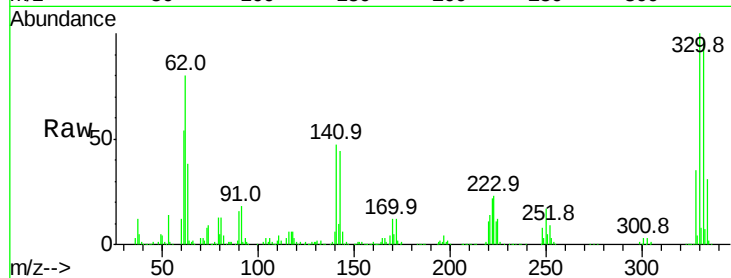




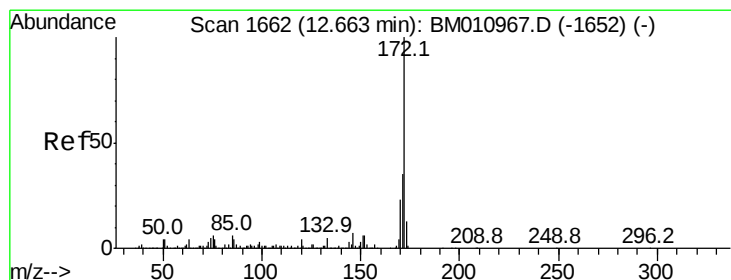
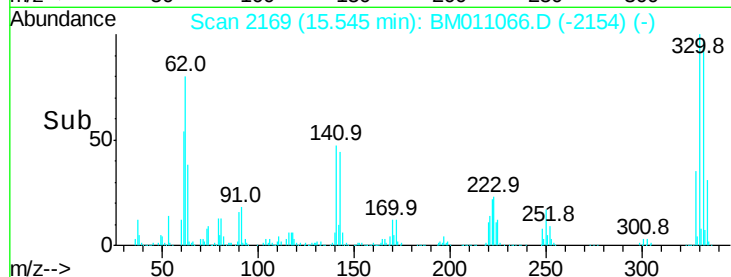
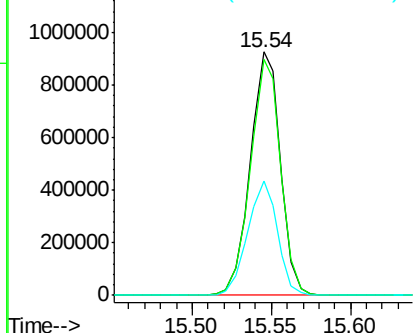
#41
 2,4,6-Tribromophenol
 Concen: 152.528 ng
 RT: 15.54 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BM011066.D
 Acq: 31 Jul 2017 14:06

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-202-286-280

Tot Ion:330 Resp: 1224009
 Ion Ratio Lower Upper
 330 100
 332 97.3 0.0 0.0#
 141 46.5 0.0 0.0#

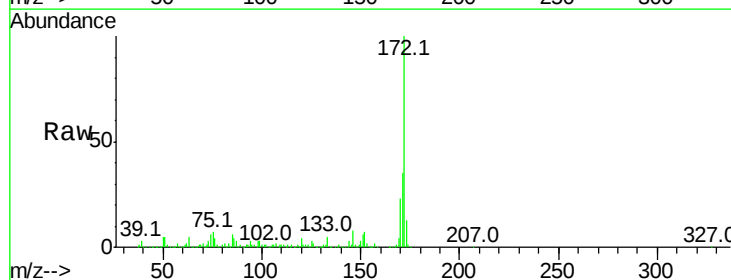


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

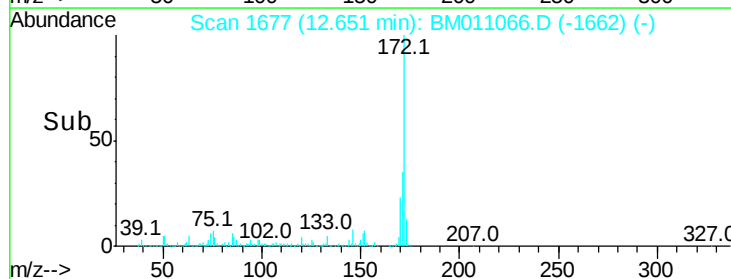
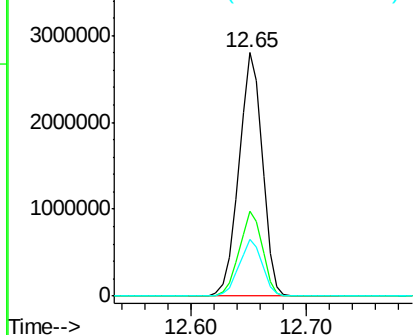


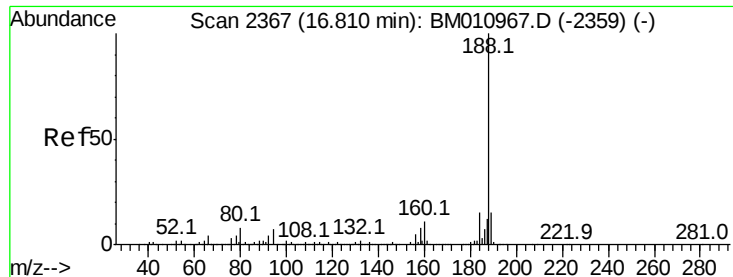
#44
 2-Fluorobiphenyl
 Concen: 98.498 ng
 RT: 12.65 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM011066.D
 Acq: 31 Jul 2017 14:06

Tgt Ion:172 Resp: 3932241
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.5 42.7
 170 23.3 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

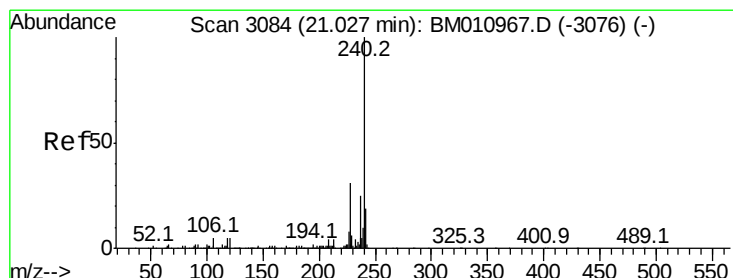
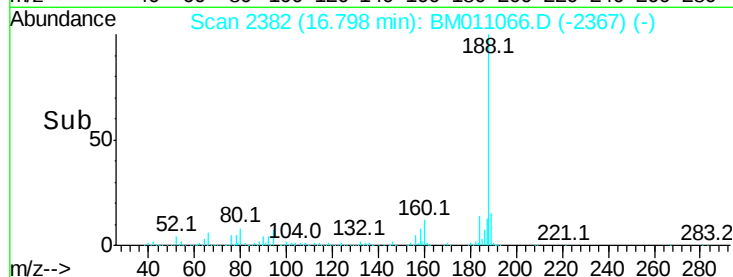
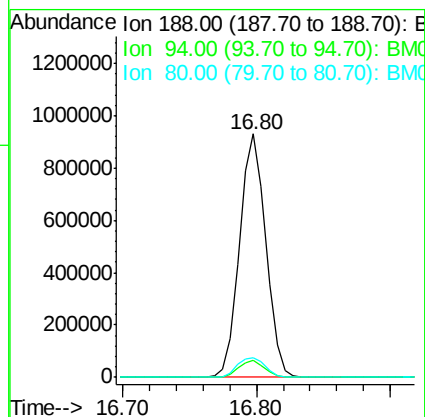
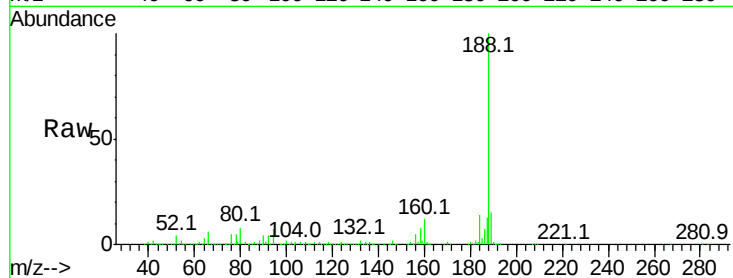




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM011066.D
Acq: 31 Jul 2017 14:06

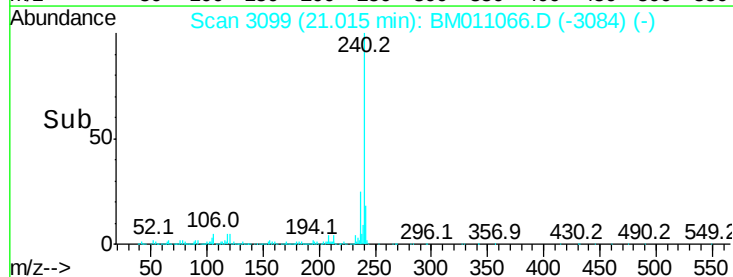
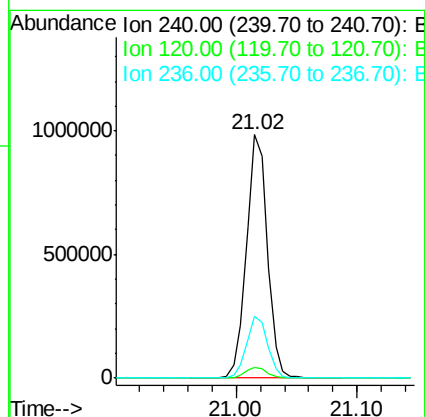
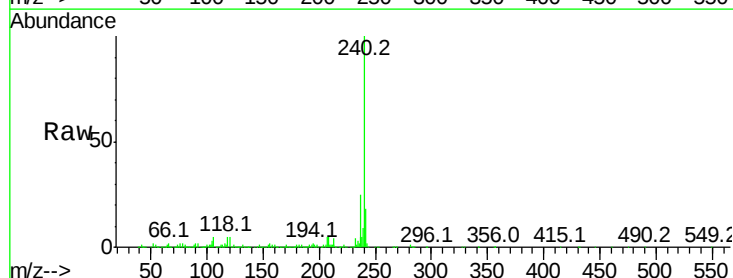
Instrument :
BNA_M
ClientSampleId :
VNJ-202-286-280

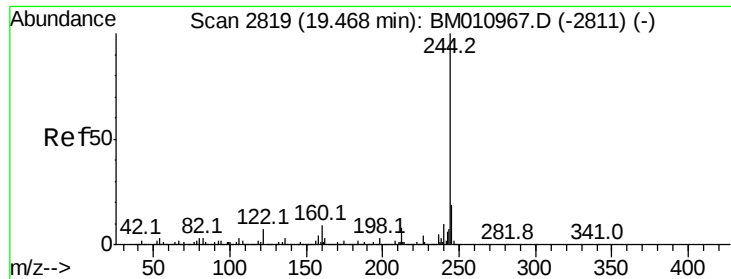
Tot Ion:188 Resp: 1266654
Ion Ratio Lower Upper
188 100
94 6.8 8.7 13.1#
80 8.2 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM011066.D
Acq: 31 Jul 2017 14:06

Tgt Ion:240 Resp: 1198085
Ion Ratio Lower Upper
240 100
120 4.6 8.2 12.2#
236 25.2 20.0 30.0





#78

Terphenyl-d14

Concen: 100.343 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011066.D

Acq: 31 Jul 2017 14:06

Instrument :

BNA_M

ClientSampleId :

VNJ-202-286-280

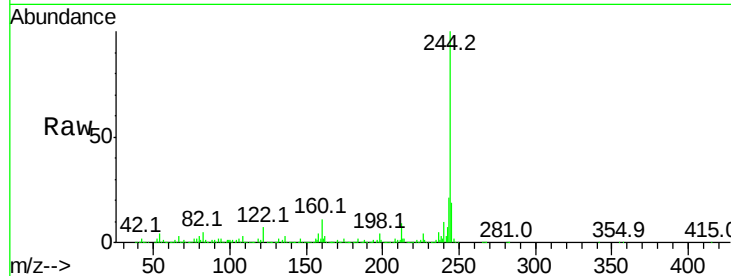
Tot Ion:244 Resp: 6069023

Ion Ratio Lower Upper

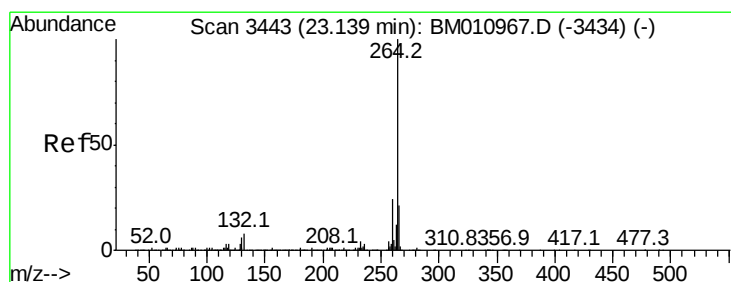
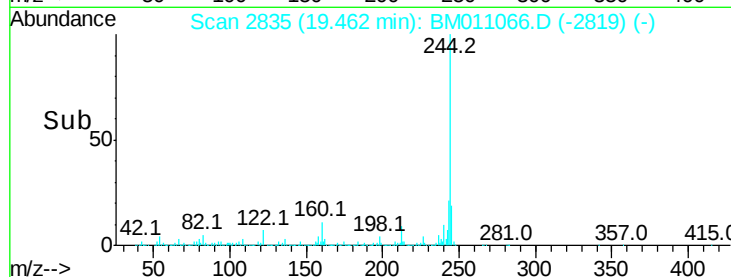
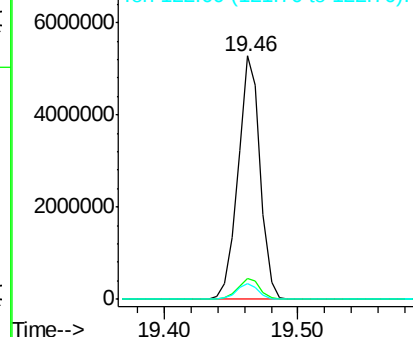
244 100

212 8.6 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# 3458

Delta R.T. -0.01 min

Lab File: BM011066.D

Acq: 31 Jul 2017 14:06

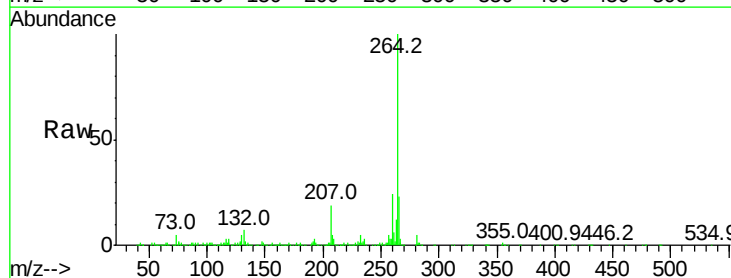
Tgt Ion:264 Resp: 931828

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 23.0 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

