

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
 Data File : BM010870.D
 Acq On : 18 Jul 2017 12:31
 Operator : SJ/JU
 Sample : I4176-05RE
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-225-241-72-11938-COMPRES

Quant Time: Jul 18 15:03:52 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 14:21:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	223446	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	866990	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	308486	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	1199835	20.00	ng	0.00
75) Chrysene-d12	21.06	240	713892	20.00	ng	0.00
86) Perylene-d12	23.19	264	34291	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	1754587	130.07	ng	0.00
7) Phenol-d6	6.64	99	1653686	88.93	ng	0.00
23) Nitrobenzene-d5	8.59	82	2144630	95.08	ng	0.00
41) 2,4,6-Tribromophenol	15.60	330	1188242	252.05	ng	0.00
44) 2-Fluorobiphenyl	12.71	172	4601454	185.56	ng	0.00
78) Terphenyl-d14	19.51	244	6212697	168.32	ng	0.00

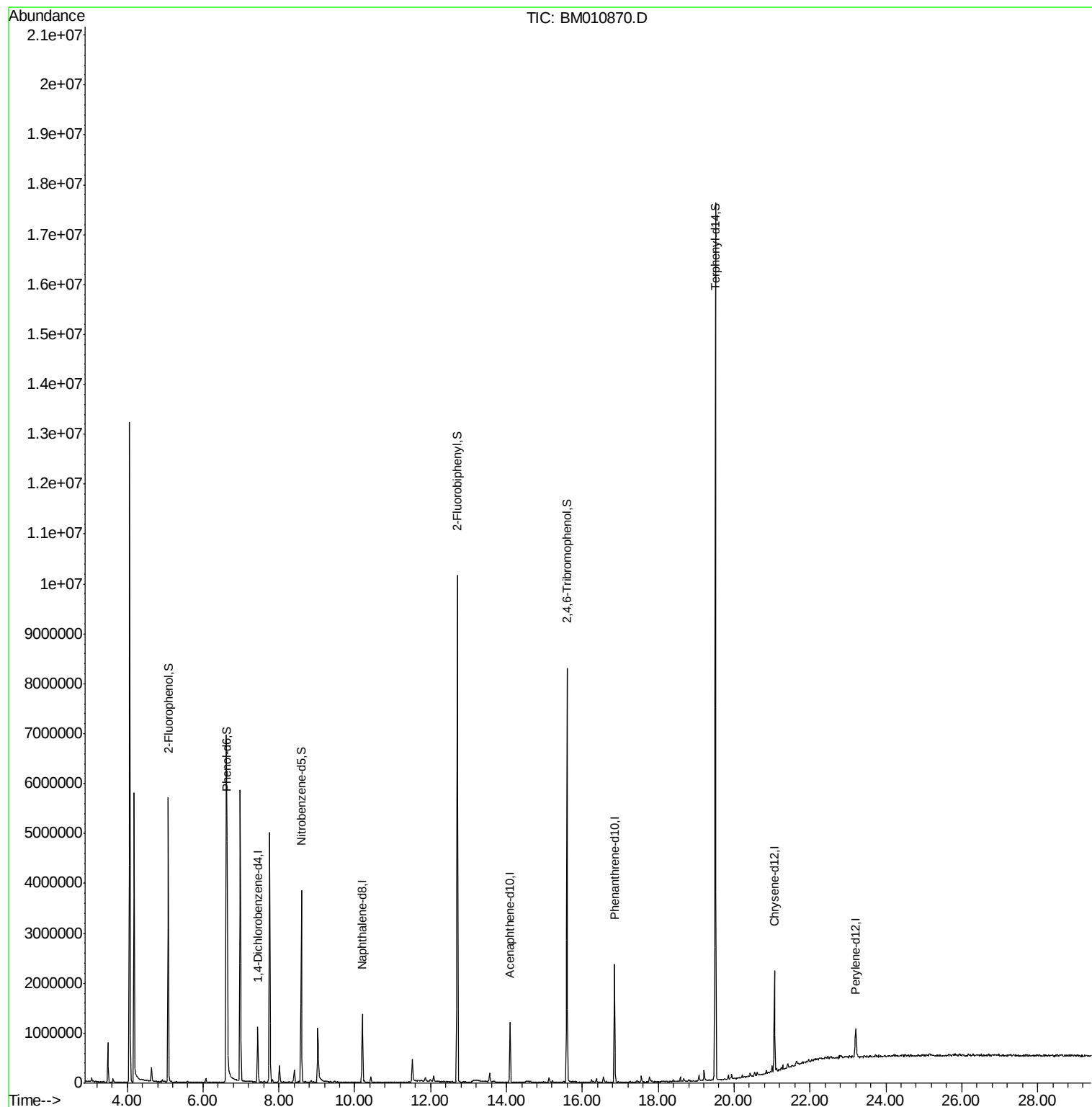
Target Compounds Qvalue

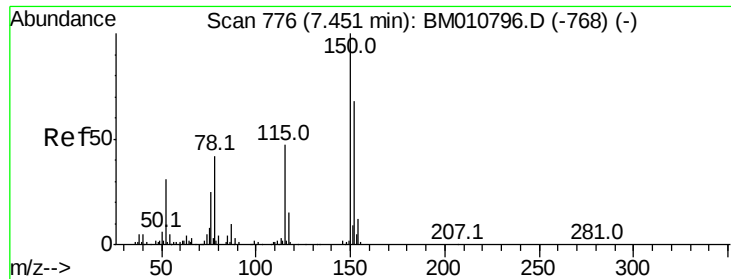
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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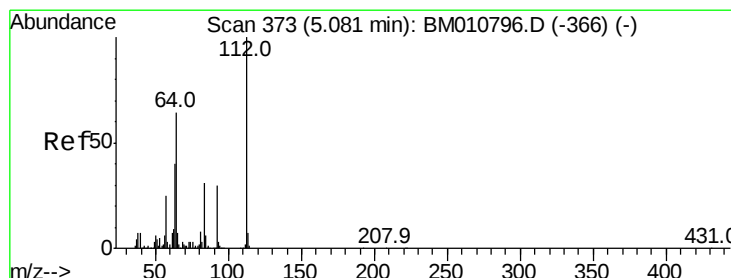
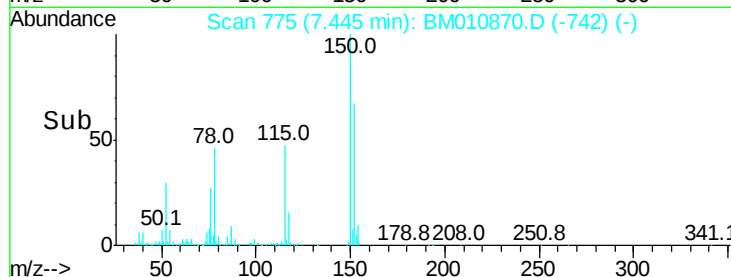
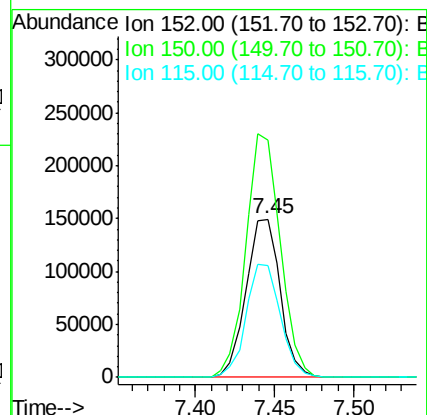
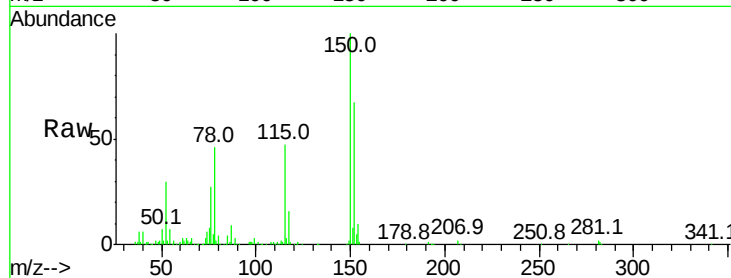


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.01 min
Lab File: BM010870.D
Acq: 18 Jul 2017 12:31

Instrument :
BNA_M
ClientSampleId :
VNJ-225-241-72-11938-COMP

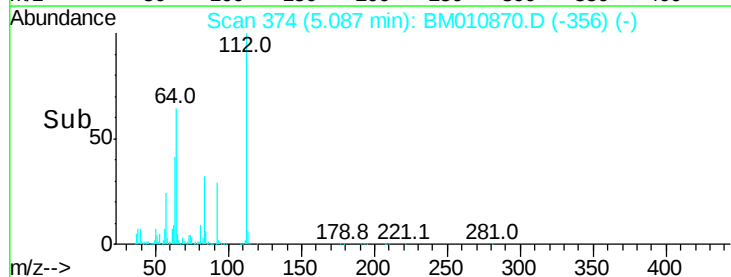
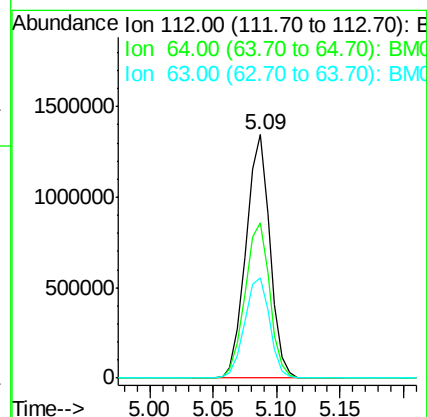
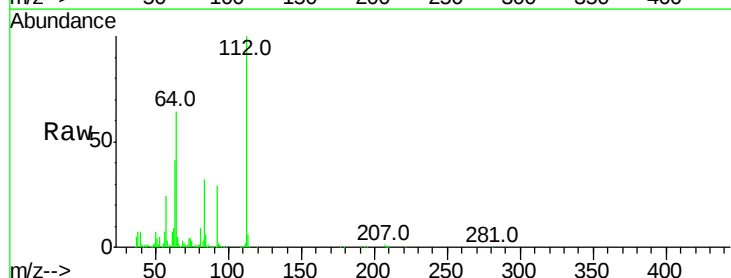
Tot Ion:152 Resp: 223446
Ion Ratio Lower Upper
152 100
150 149.8 119.5 179.3
115 71.1 43.0 64.4#

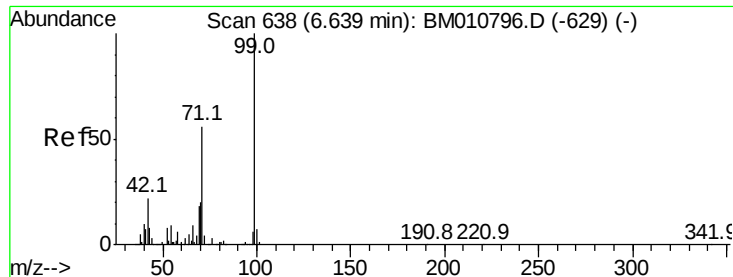


#5

2-Fluorophenol
Concen: 130.074 ng
RT: 5.09 min Scan# 374
Delta R.T. 0.01 min
Lab File: BM010870.D
Acq: 18 Jul 2017 12:31

Tgt Ion:112 Resp: 1754587
Ion Ratio Lower Upper
112 100
64 63.6 38.6 57.8#
63 41.4 19.3 28.9#





#7

Phenol-d6

Concen: 88.927 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010870.D

Acq: 18 Jul 2017 12:31

Instrument :

BNA_M

ClientSampleId :

VNJ-225-241-72-11938-COMPRE

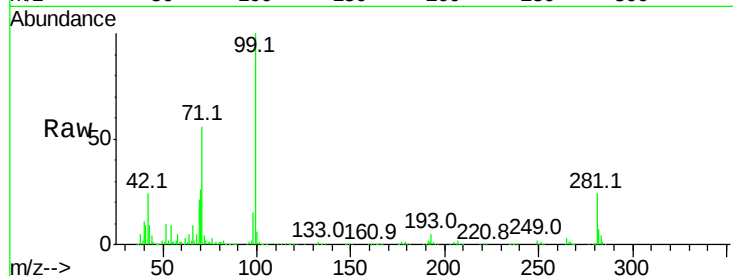
Tot Ion: 99 Resp: 1653686

Ion Ratio Lower Upper

99 100

42 23.8 11.0 16.4#

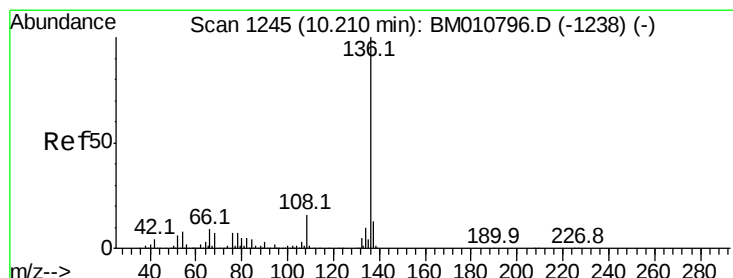
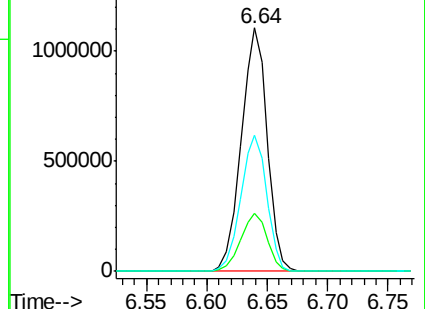
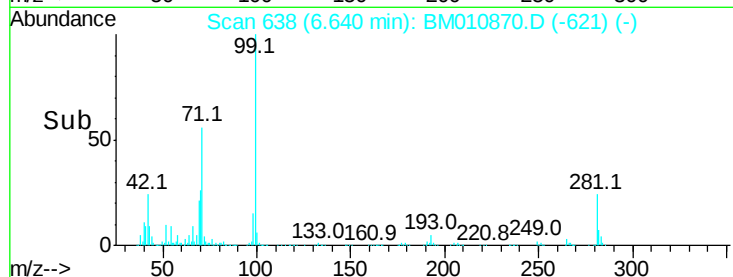
71 55.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010870.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM010870.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM010870.D (-629) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BM010870.D

Acq: 18 Jul 2017 12:31

Tgt Ion: 136 Resp: 866990

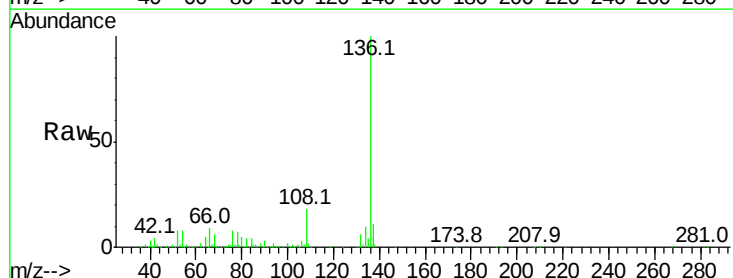
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 8.0 4.6 6.8#

68 6.1 3.7 5.5#

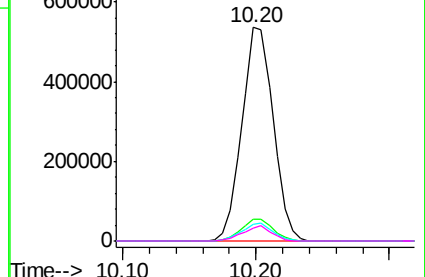
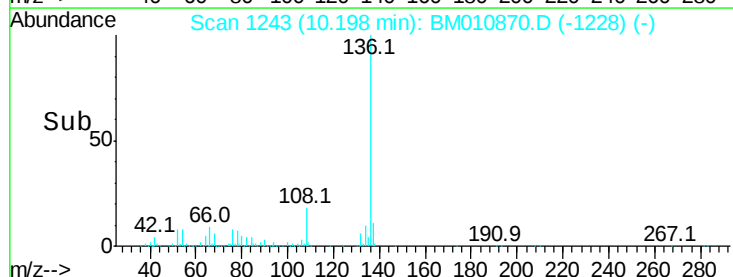


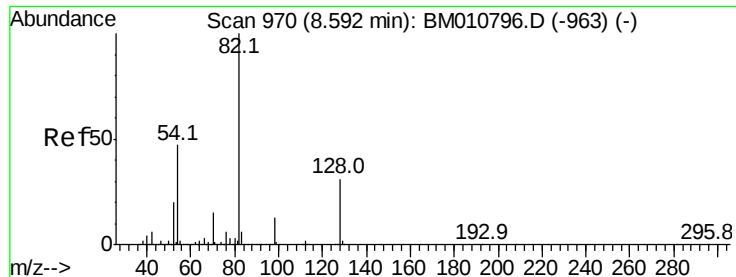
Abundance Ion 136.00 (135.70 to 136.70): BM010870.D (-1228) (-)

Ion 137.00 (136.70 to 137.70): BM010870.D (-1228) (-)

Ion 54.00 (53.70 to 54.70): BM010870.D (-1228) (-)

Ion 68.00 (67.70 to 68.70): BM010870.D (-1228) (-)





#23

Nitrobenzene-d5

Concen: 95.081 ng

RT: 8.59 min Scan# 970

Delta R.T. 0.00 min

Lab File: BM010870.D

Acq: 18 Jul 2017 12:31

Instrument :

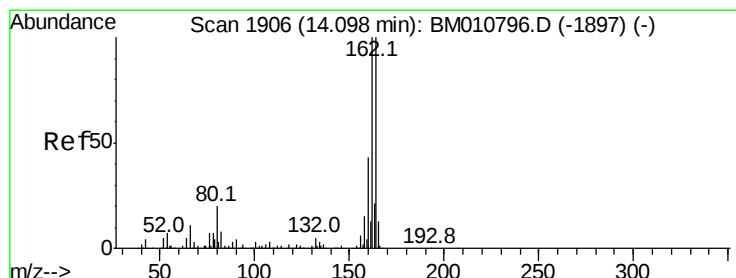
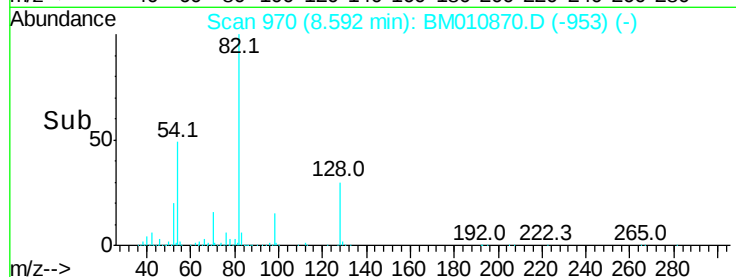
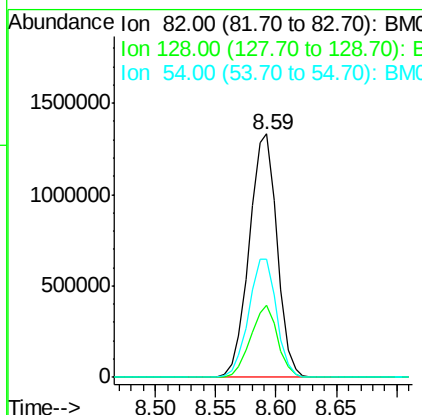
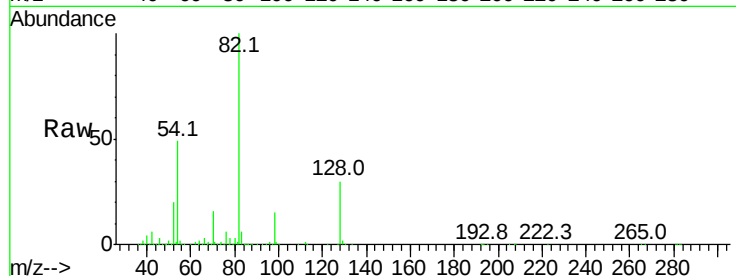
BNA_M

ClientSampleId :

VNJ-225-241-72-11938-COMP

Tot Ion: 82 Resp: 2144630

Ion	Ratio	Lower	Upper
82	100		
128	29.7	32.8	49.2#
54	48.5	40.6	60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1905

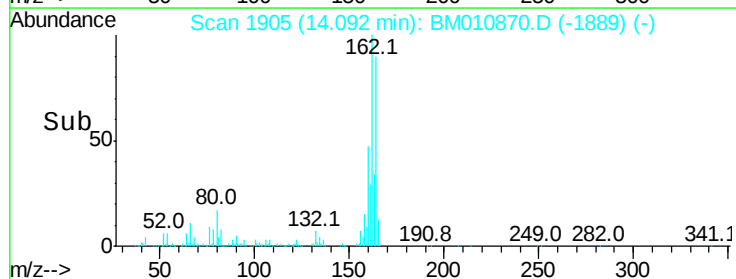
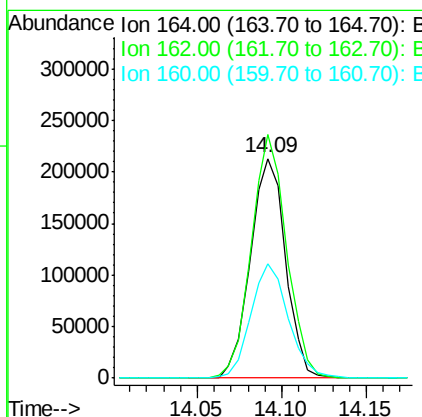
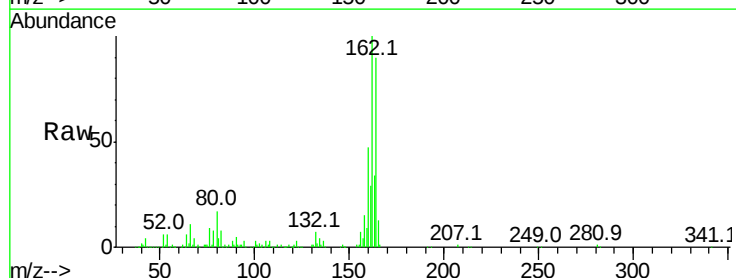
Delta R.T. -0.01 min

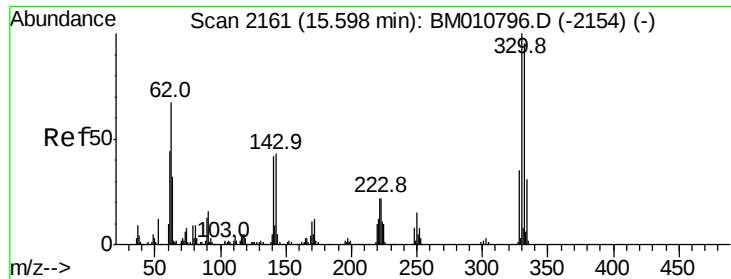
Lab File: BM010870.D

Acq: 18 Jul 2017 12:31

Tgt Ion: 164 Resp: 308486

Ion	Ratio	Lower	Upper
164	100		
162	110.7	82.4	123.6
160	52.2	35.8	53.6

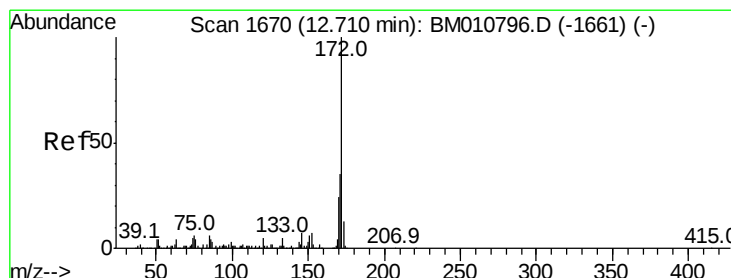
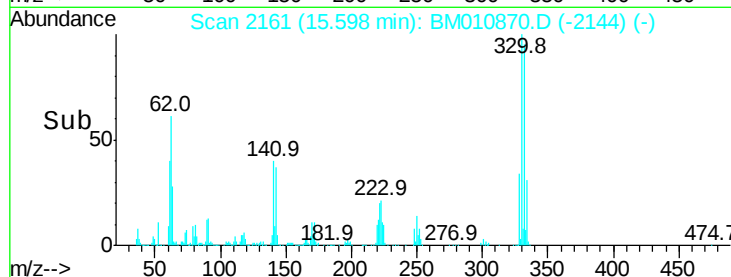
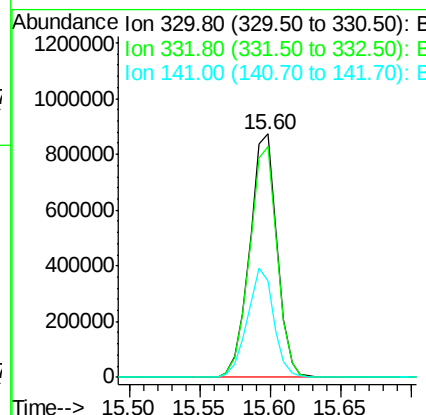
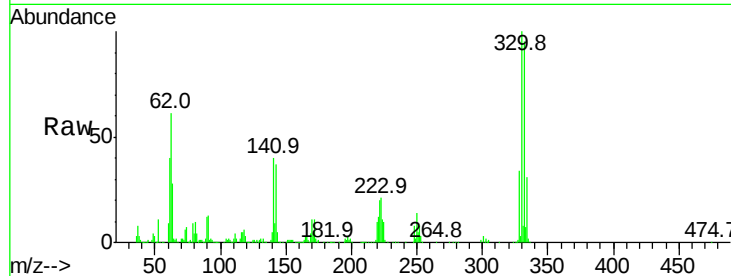




#41
 2,4,6-Tribromophenol
 Concen: 252.053 ng
 RT: 15.60 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BM010870.D
 Acq: 18 Jul 2017 12:31

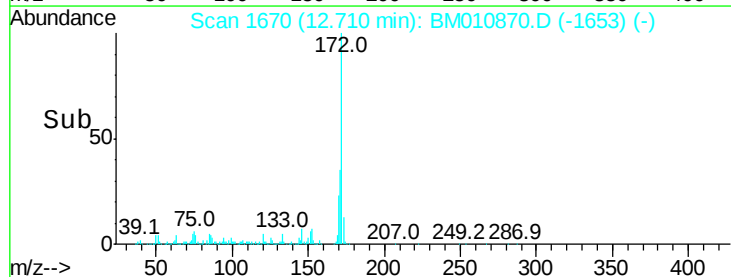
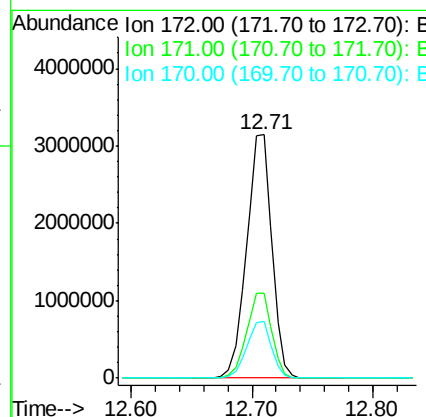
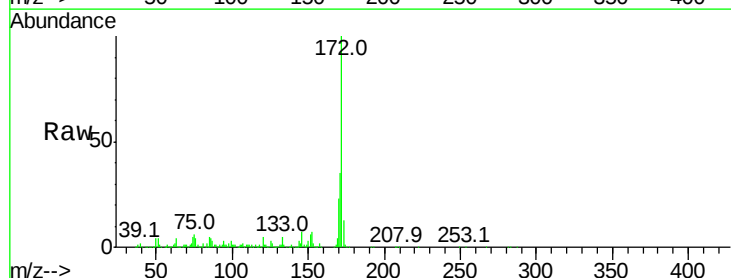
Instrument :
 BNA_M
 ClientSampleId :
 VNJ-225-241-72-11938-COMP

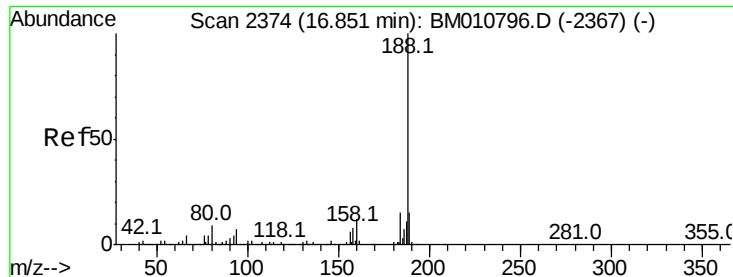
Tot Ion:330 Resp: 1188242
 Ion Ratio Lower Upper
 330 100
 332 95.7 0.0 0.0#
 141 43.1 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 185.562 ng
 RT: 12.71 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BM010870.D
 Acq: 18 Jul 2017 12:31

Tgt Ion:172 Resp: 4601454
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.5 42.7
 170 23.1 18.8 28.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.84 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BM010870.D

Acq: 18 Jul 2017 12:31

Instrument :

BNA_M

ClientSampleId :

VNJ-225-241-72-11938-COMP

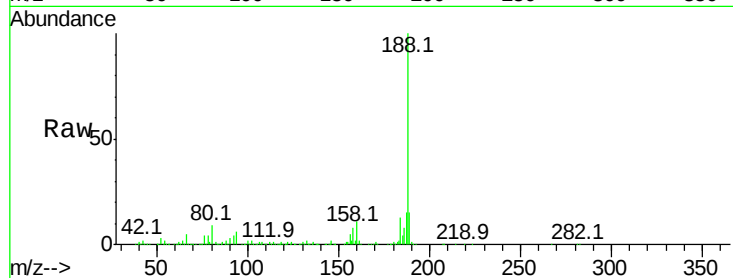
Tot Ion:188 Resp: 1199835

Ion	Ratio	Lower	Upper
188	100		
94	6.2	8.7	13.1#
80	8.9	9.3	13.9#

188 100

94 6.2 8.7 13.1#

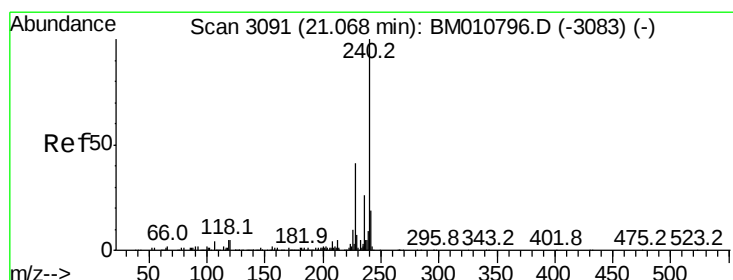
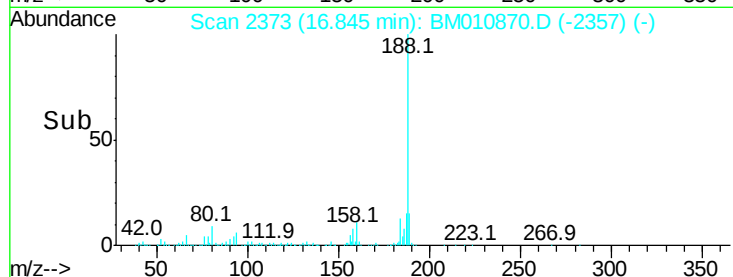
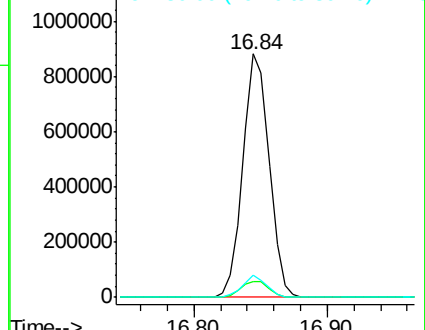
80 8.9 9.3 13.9#



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: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM010870.D

Acq: 18 Jul 2017 12:31

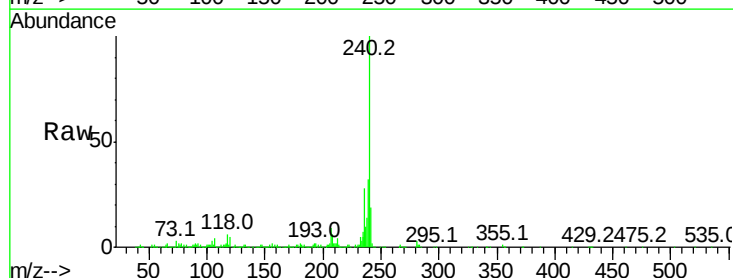
Tgt Ion:240 Resp: 713892

Ion	Ratio	Lower	Upper
240	100		
120	5.5	8.2	12.2#
236	27.6	20.0	30.0

240 100

120 5.5 8.2 12.2#

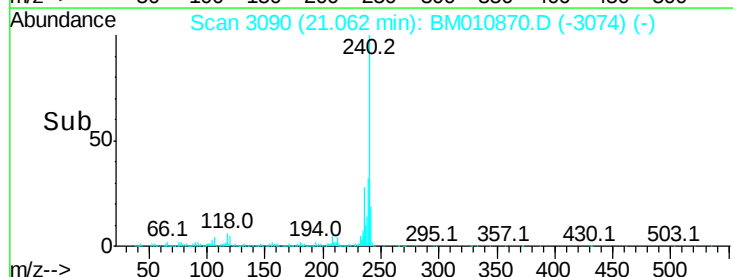
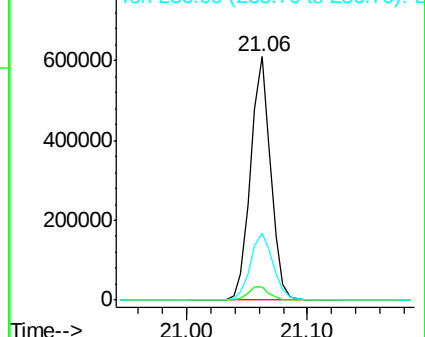
236 27.6 20.0 30.0

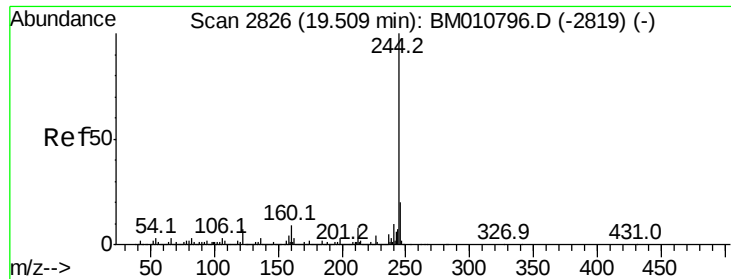


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



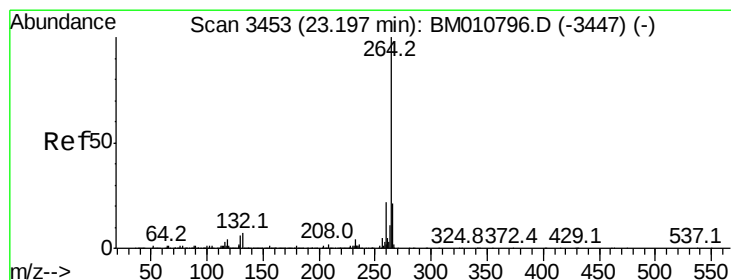
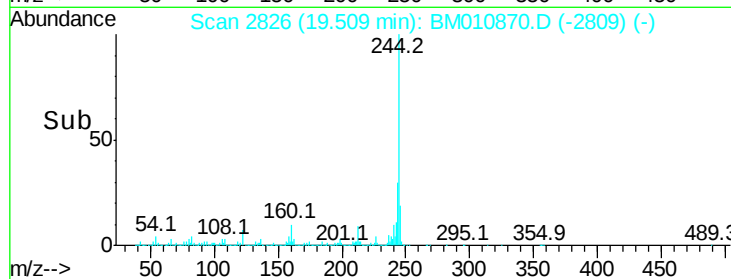
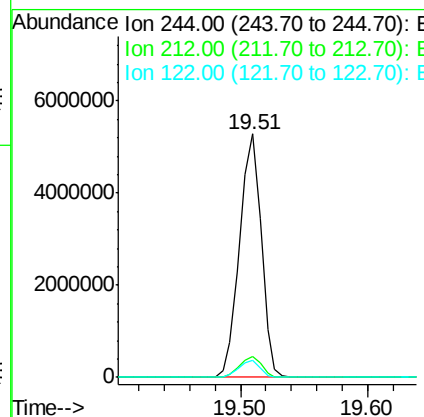
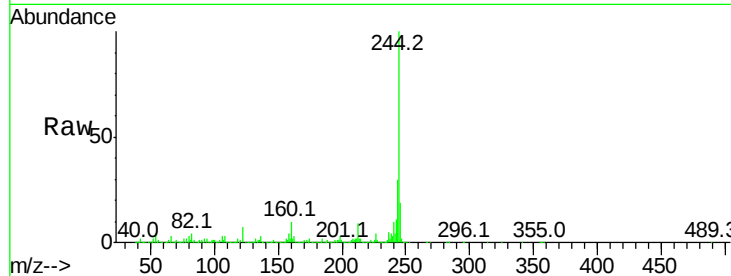


#78
 Terphenyl-d14
 Concen: 168.317 ng
 RT: 19.51 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: BM010870.D
 Acq: 18 Jul 2017 12:31

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Tot Ion:244 Resp: 6212697

Ion	Ratio	Lower	Upper
244	100		
212	8.6	4.9	7.3#
122	6.9	6.2	9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.19 min Scan# 3451
 Delta R.T. -0.01 min
 Lab File: BM010870.D
 Acq: 18 Jul 2017 12:31

Tgt Ion:264 Resp: 34291

Ion	Ratio	Lower	Upper
264	100		
260	109.1	18.6	27.8#
265	30.3	17.3	25.9#

