

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090517\
 Data File : BM011440.D
 Acq On : 05 Sep 2017 20:01
 Operator : SJ/JU
 Sample : I5075-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-221

Quant Time: Sep 06 07:50:29 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 18:39:59 2017
 Response via : Initial Calibration

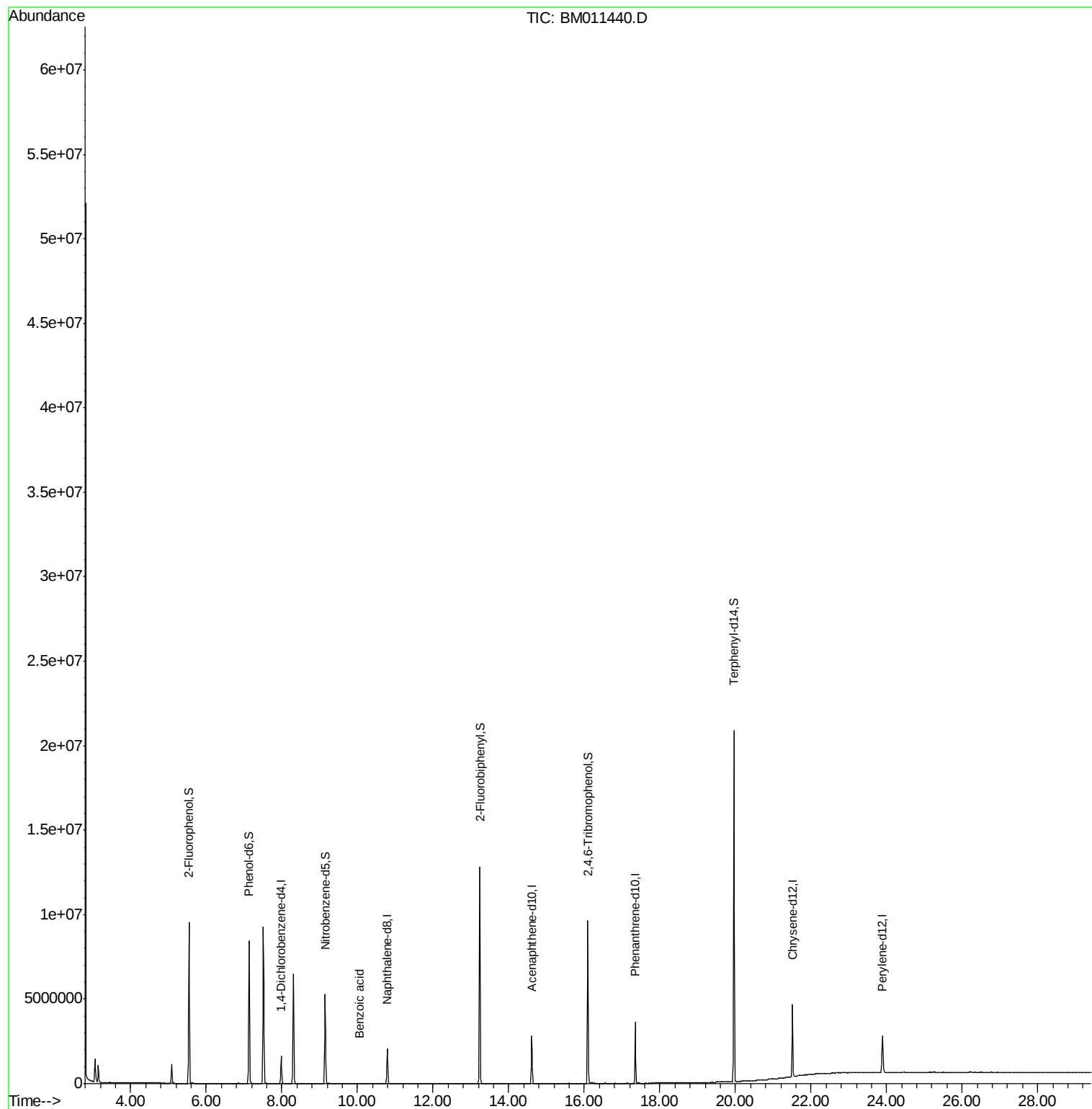
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	423769	20.00	ng	-0.01
21) Naphthalene-d8	10.79	136	1733443	20.00	ng	-0.02
38) Acenaphthene-d10	14.61	164	897404	20.00	ng	-0.02
63) Phenanthrene-d10	17.35	188	1980607	20.00	ng	-0.01
75) Chrysene-d12	21.51	240	2047701	20.00	ng	-0.02
86) Perylene-d12	23.89	264	1612964	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	3696156	146.82	ng	0.00
7) Phenol-d6	7.13	99	4436182	127.08	ng	0.00
23) Nitrobenzene-d5	9.15	82	2733458	103.91	ng	-0.01
41) 2,4,6-Tribromophenol	16.10	330	1469075	141.49	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	6437762	103.41	ng	-0.01
78) Terphenyl-d14	19.96	244	8415318	101.97	ng	-0.01
Target Compounds						
32) Benzoic acid	10.06	122	108	6.545	ng	Qvalue # 8

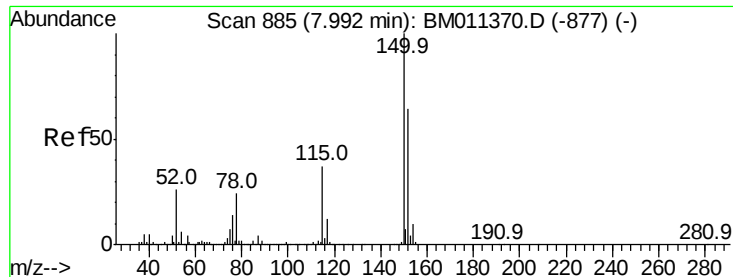
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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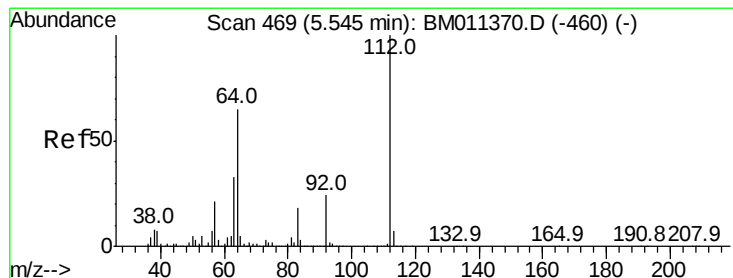
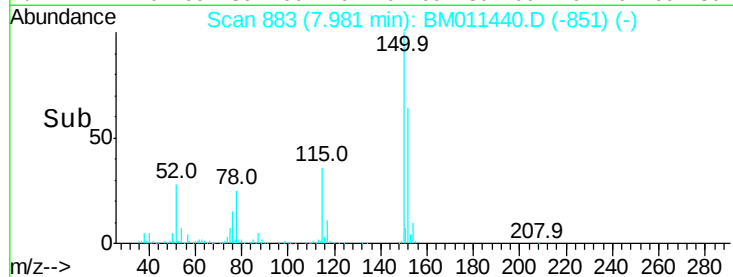
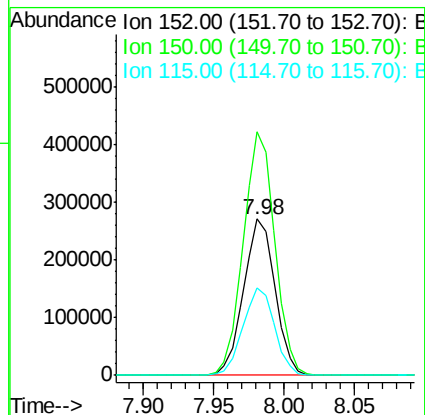
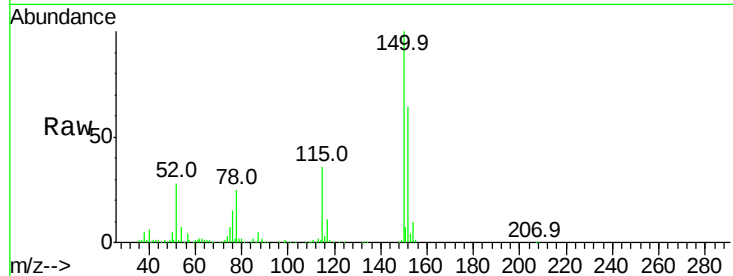


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BM011440.D
Acq: 05 Sep 2017 20:01

Instrument :
BNA_M
ClientSampleId :
VNJ-221

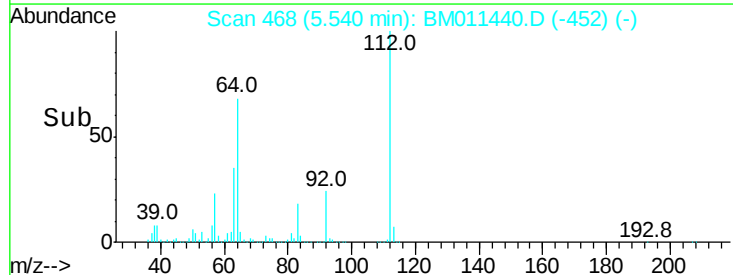
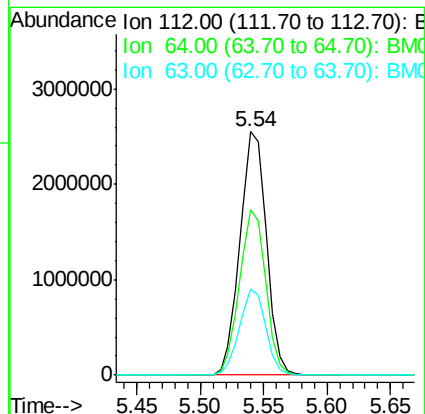
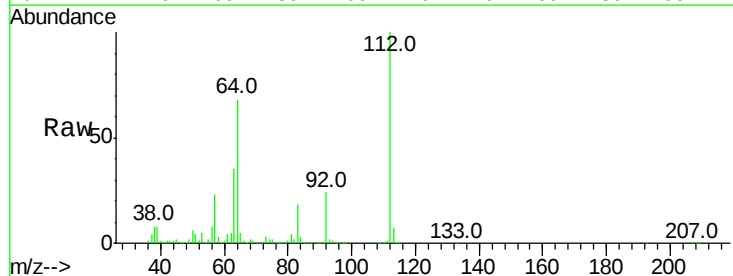
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	119.5	179.3
115	56.2	43.0	64.4

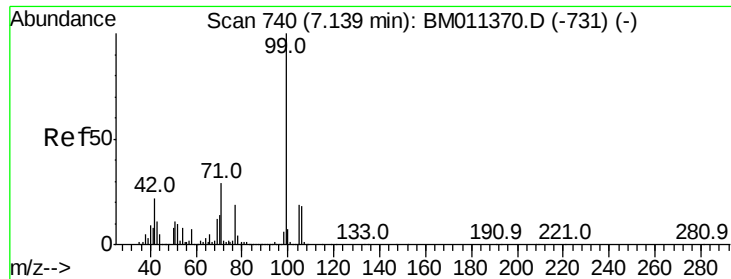


#5

2-Fluorophenol
Concen: 146.817 ng
RT: 5.54 min Scan# 468
Delta R.T. -0.01 min
Lab File: BM011440.D
Acq: 05 Sep 2017 20:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	38.6	57.8#
63	35.2	19.3	28.9#





#7

Phenol-d6

Concen: 127.080 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011440.D

Acq: 05 Sep 2017 20:01

Instrument :

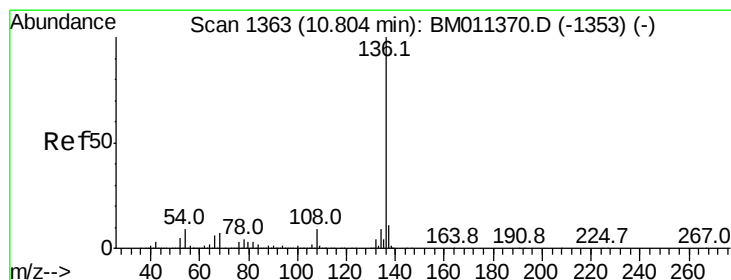
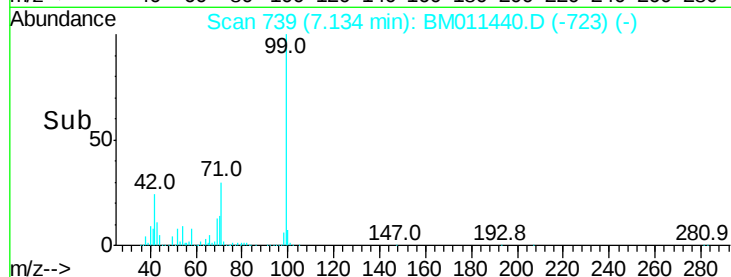
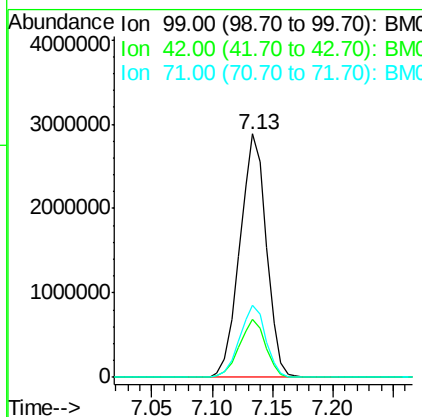
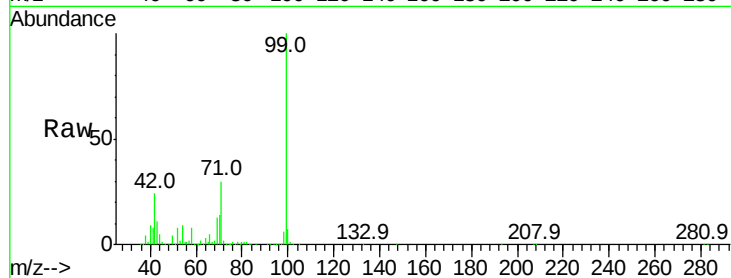
BNA_M

ClientSampleId :

VNJ-221

Tot Ion: 99 Resp: 4436182

Ion	Ratio	Lower	Upper
99	100		
42	23.8	11.0	16.4#
71	29.7	23.4	35.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1360

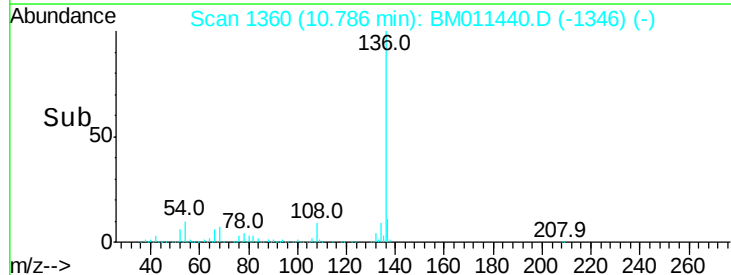
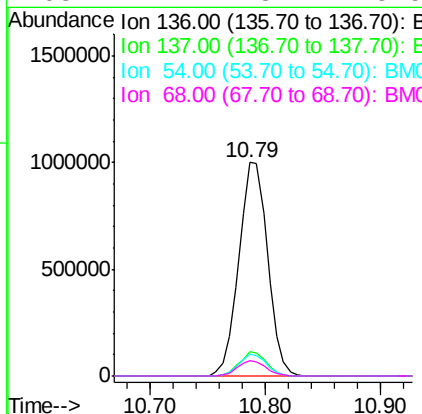
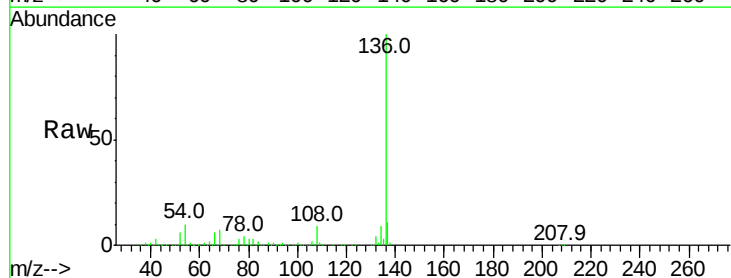
Delta R.T. -0.02 min

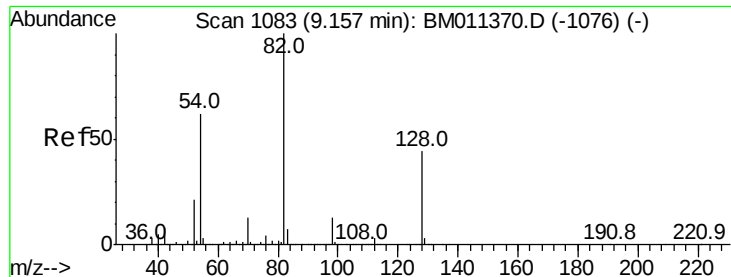
Lab File: BM011440.D

Acq: 05 Sep 2017 20:01

Tgt Ion: 136 Resp: 1733443

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	10.1	4.6	6.8#
68	7.4	3.7	5.5#

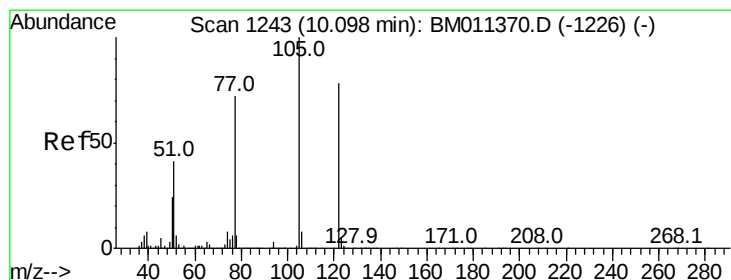
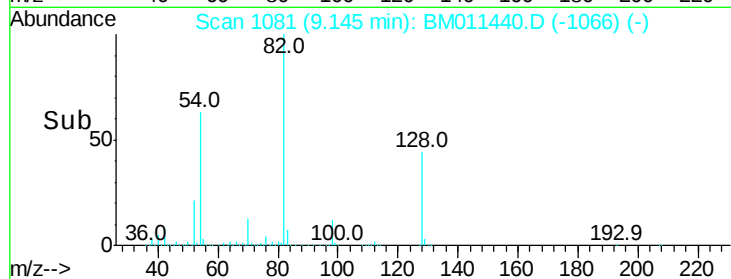
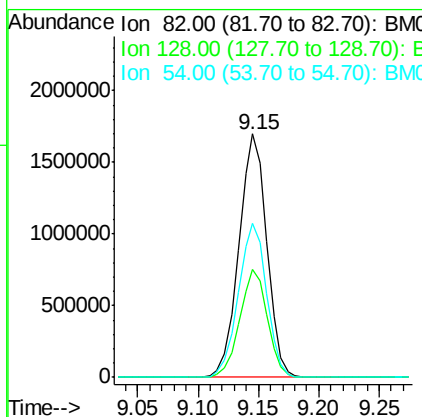
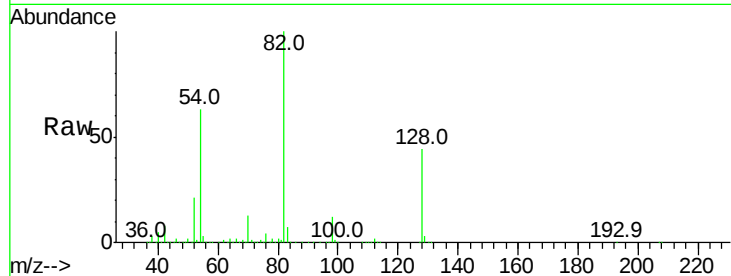




#23
Nitrobenzene-d5
Concen: 103.915 ng
RT: 9.15 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BM011440.D
Acq: 05 Sep 2017 20:01

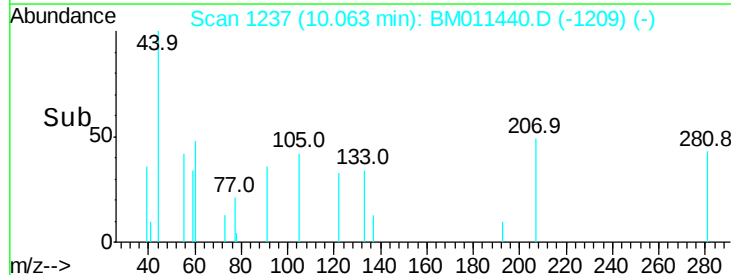
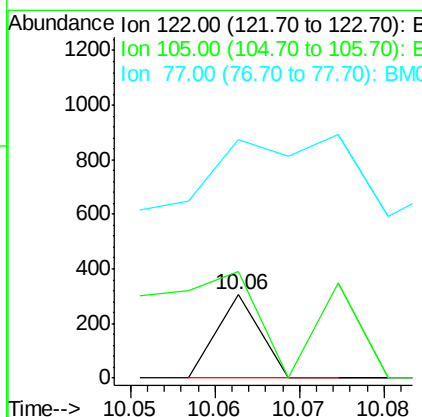
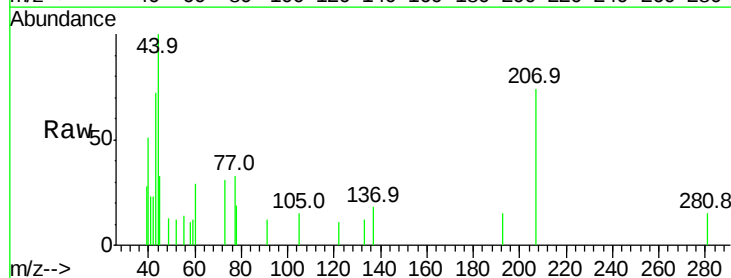
Instrument :
BNA_M
ClientSampled :
VNJ-221

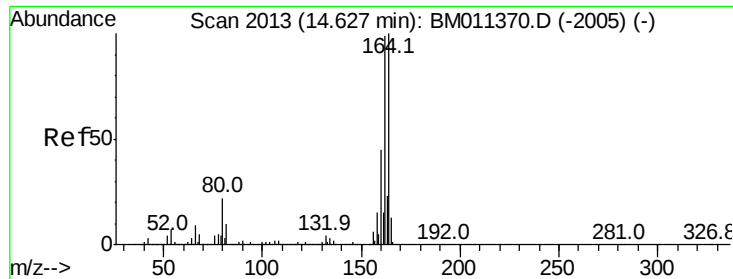
Tot Ion: 82 Resp: 2733458
Ion Ratio Lower Upper
82 100
128 44.1 32.8 49.2
54 63.4 40.6 60.8#



#32
Benzoic acid
Concen: 6.545 ng
RT: 10.06 min Scan# 1237
Delta R.T. -0.04 min
Lab File: BM011440.D
Acq: 05 Sep 2017 20:01

Tgt Ion: 122 Resp: 108
Ion Ratio Lower Upper
122 100
105 127.9 99.9 139.9
77 286.2 73.7 113.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 2010

Delta R.T. -0.02 min

Lab File: BM011440.D

Acq: 05 Sep 2017 20:01

Instrument :

BNA_M

ClientSampleId :

VNJ-221

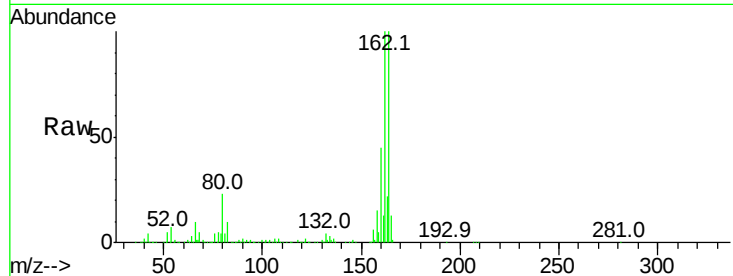
Tot Ion:164 Resp: 897404

Ion Ratio Lower Upper

164 100

162 99.7 82.4 123.6

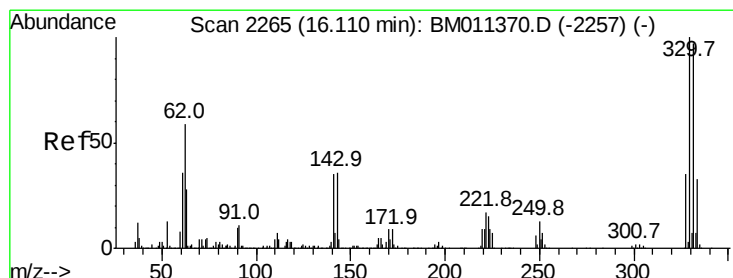
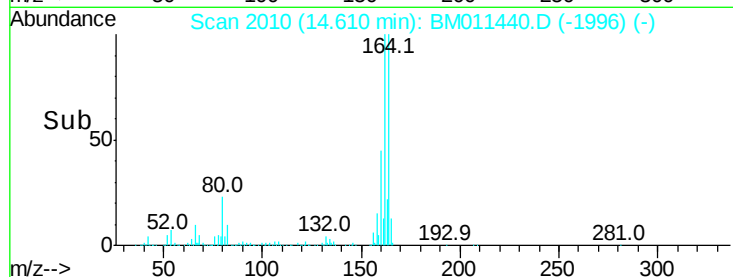
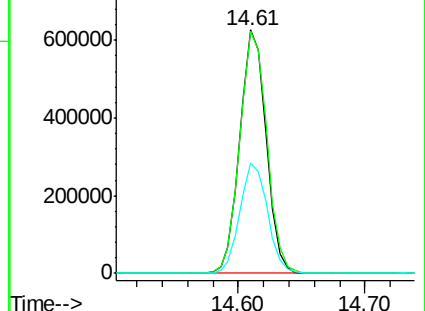
160 45.1 35.8 53.6



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: 141.494 ng

RT: 16.10 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BM011440.D

Acq: 05 Sep 2017 20:01

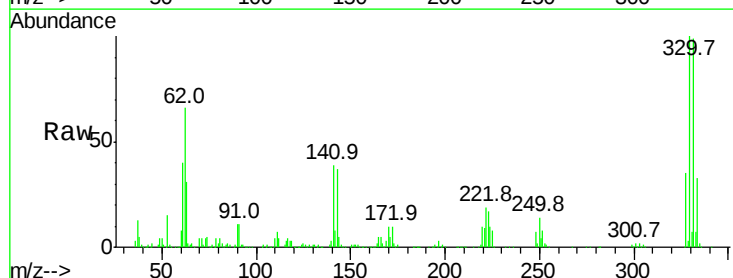
Tgt Ion:330 Resp: 1469075

Ion Ratio Lower Upper

330 100

332 97.1 0.0 0.0#

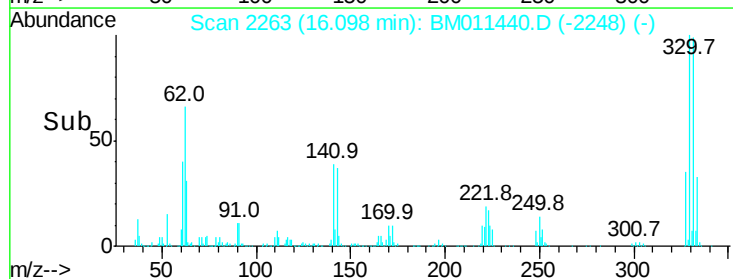
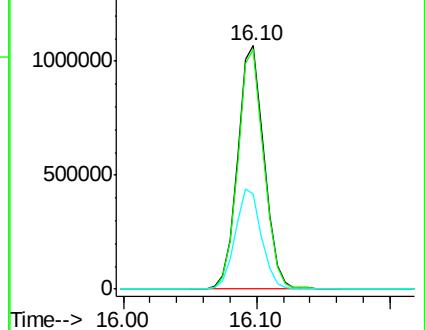
141 41.1 0.0 0.0#

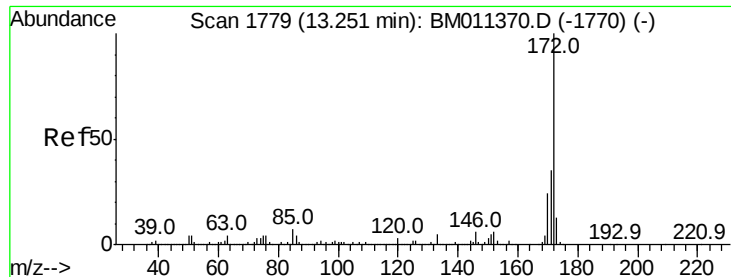


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

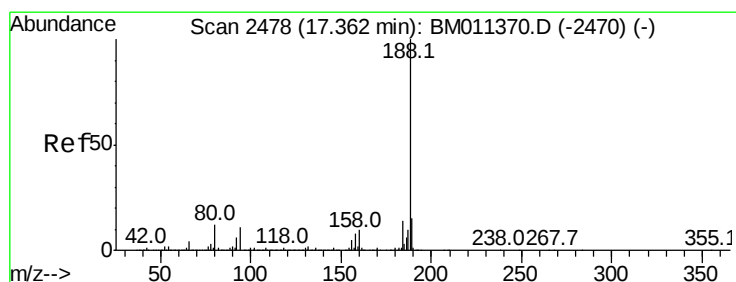
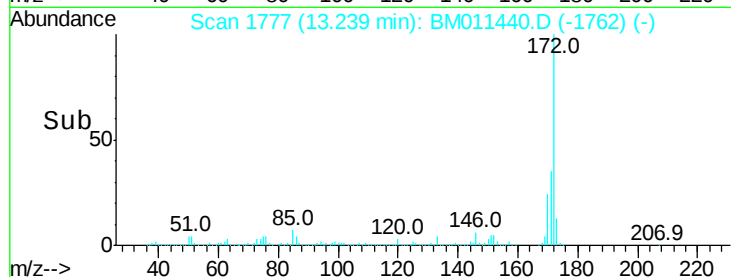
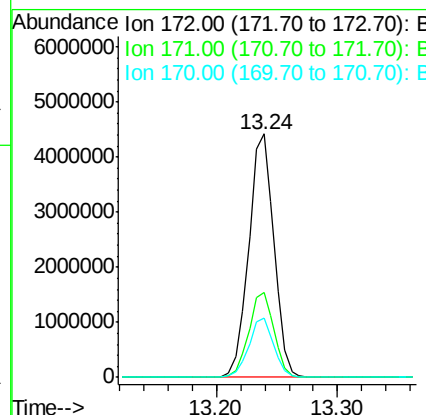
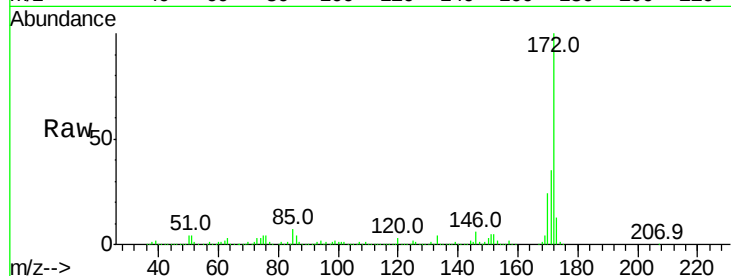




#44
 2-Fluorobiphenyl
 Concen: 103.408 ng
 RT: 13.24 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BM011440.D
 Acq: 05 Sep 2017 20:01

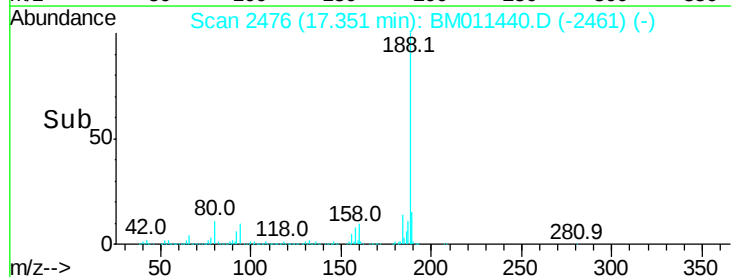
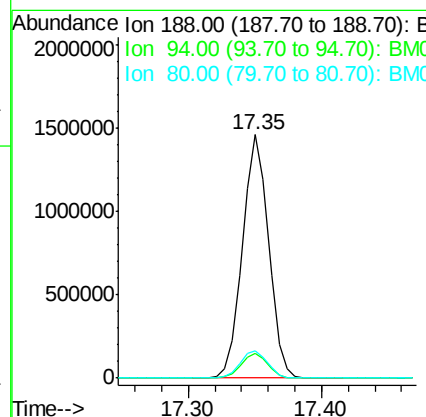
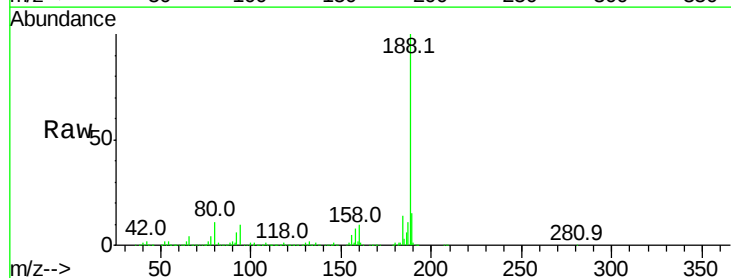
Instrument :
 BNA_M
 ClientSampled :
 VNJ-221

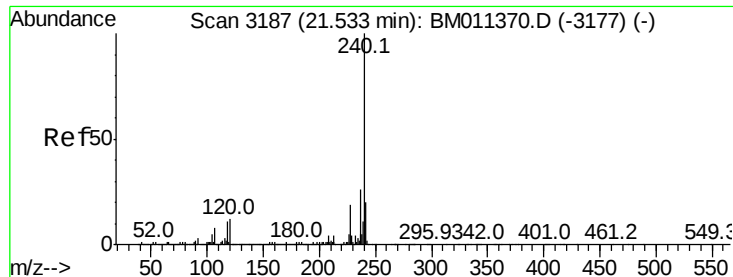
Tot Ion:172 Resp: 6437762
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 24.1 18.8 28.2



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.35 min Scan# 2476
 Delta R.T. -0.01 min
 Lab File: BM011440.D
 Acq: 05 Sep 2017 20:01

Tgt Ion:188 Resp: 1980607
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.7 13.1
 80 11.4 9.3 13.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.51 min Scan# 3184

Delta R.T. -0.02 min

Lab File: BM011440.D

Acq: 05 Sep 2017 20:01

Instrument :

BNA_M

ClientSampleId :

VNJ-221

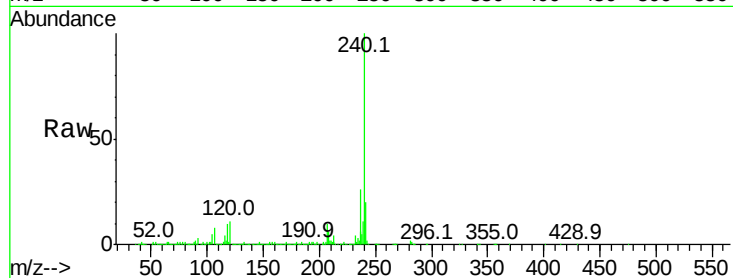
Tot Ion:240 Resp: 2047701

Ion Ratio Lower Upper

240 100

120 11.5 8.2 12.2

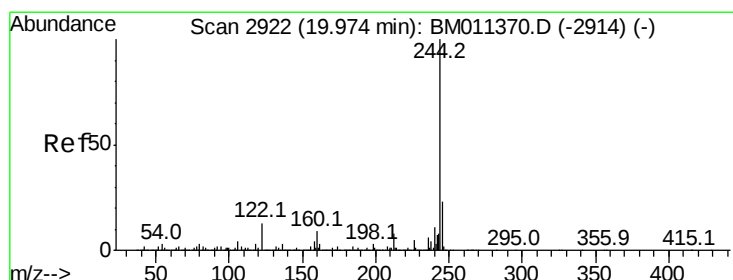
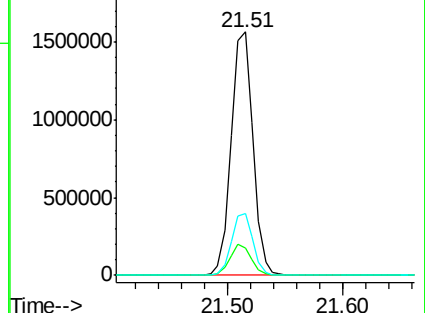
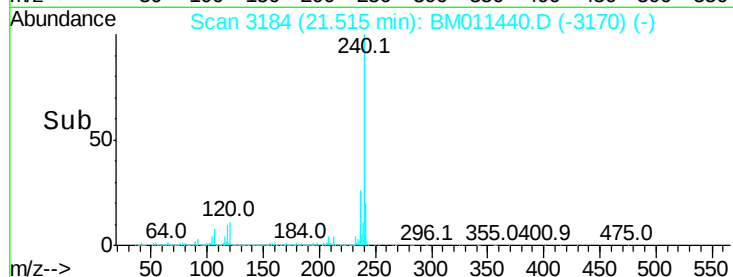
236 25.5 20.0 30.0



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: 101.969 ng

RT: 19.96 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BM011440.D

Acq: 05 Sep 2017 20:01

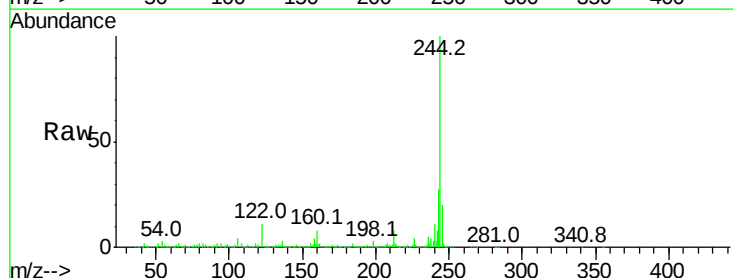
Tgt Ion:244 Resp: 8415318

Ion Ratio Lower Upper

244 100

212 7.6 4.9 7.3#

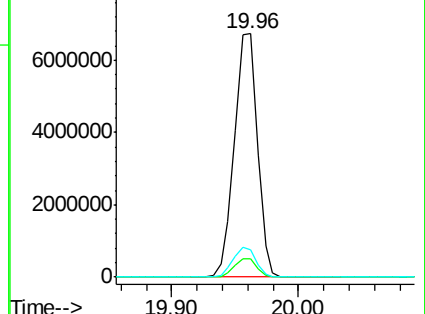
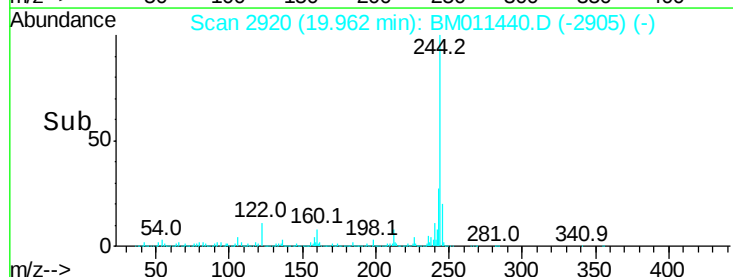
122 11.1 6.2 9.4#

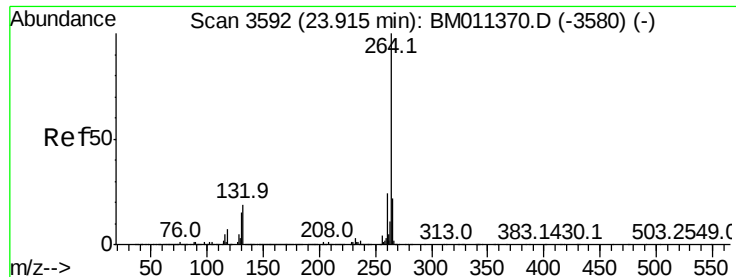


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.89 min Scan# 3588
Delta R.T. -0.02 min
Lab File: BM011440.D
Acq: 05 Sep 2017 20:01

Instrument :
BNA_M
ClientSampleId :
VNJ-221

Tot Ion: 264 Resp: 1612964

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	22.1	17.3	25.9

