

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090717\
 Data File : BM011464.D
 Acq On : 07 Sep 2017 20:53
 Operator : SJ/JU
 Sample : I5133-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-204

Quant Time: Sep 08 08:25:08 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

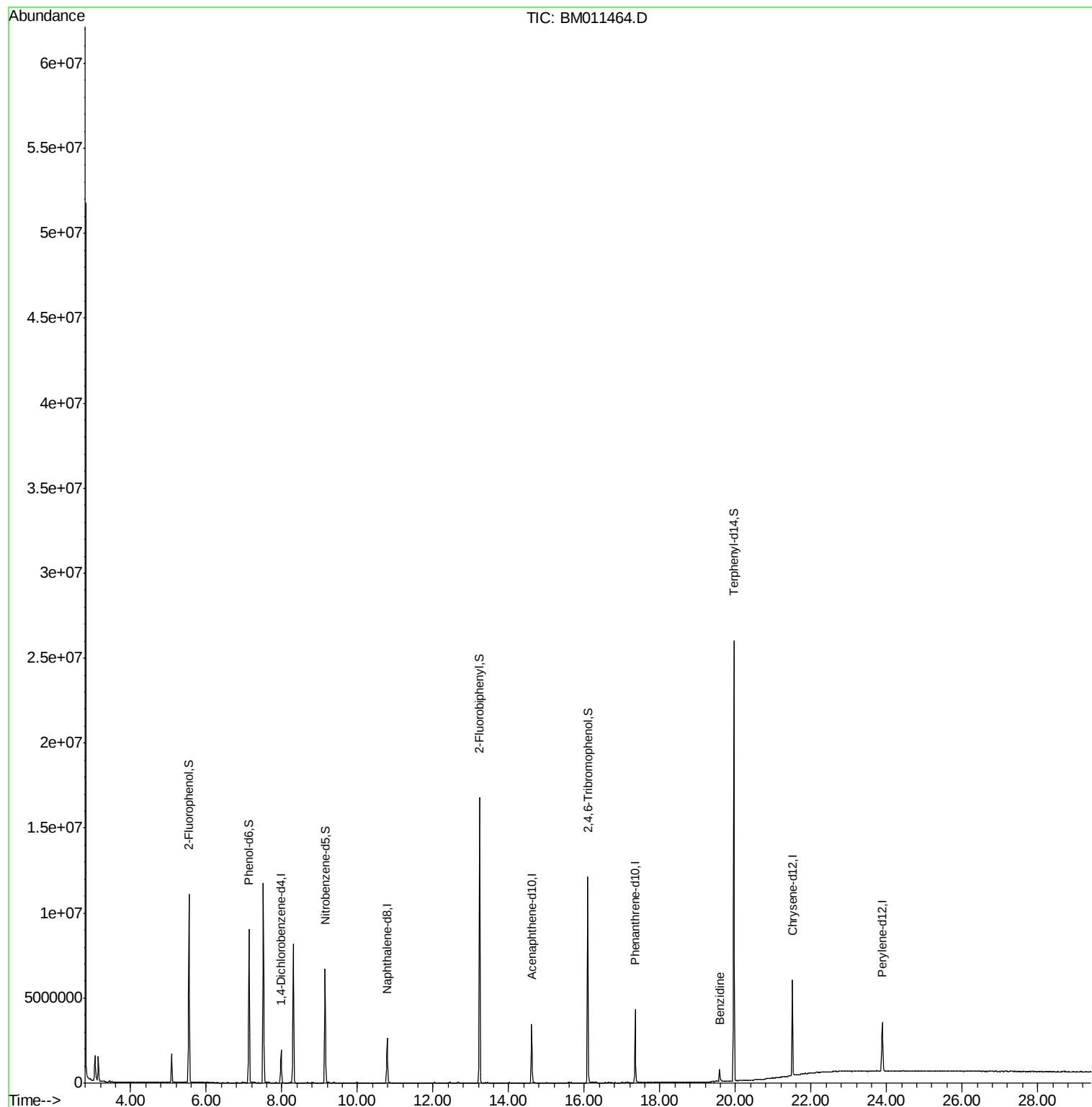
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	518227	20.00	ng	-0.01
21) Naphthalene-d8	10.79	136	2148411	20.00	ng	-0.02
38) Acenaphthene-d10	14.61	164	1127361	20.00	ng	-0.02
63) Phenanthrene-d10	17.34	188	2400528	20.00	ng	-0.02
75) Chrysene-d12	21.51	240	2582519	20.00	ng	-0.02
86) Perylene-d12	23.89	264	2182643	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	4287957	139.28	ng	0.00
7) Phenol-d6	7.13	99	4834121	113.24	ng	0.00
23) Nitrobenzene-d5	9.15	82	3540060	108.58	ng	-0.01
41) 2,4,6-Tribromophenol	16.09	330	1884378	144.47	ng	-0.02
44) 2-Fluorobiphenyl	13.23	172	8105618	103.64	ng	-0.02
78) Terphenyl-d14	19.96	244	10011339	96.19	ng	-0.02
Target Compounds						
76) Benzidine	19.58	184	453716	8.902	ng	Qvalue 99

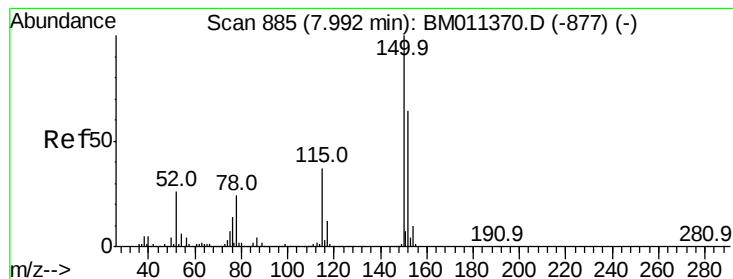
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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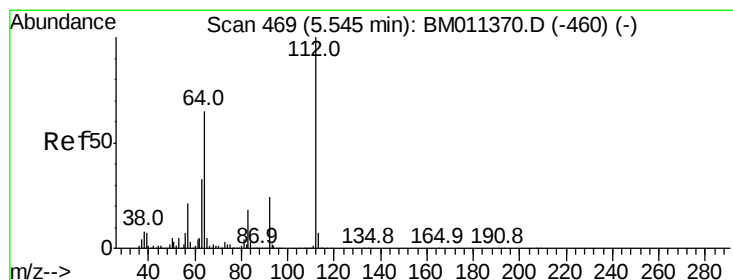
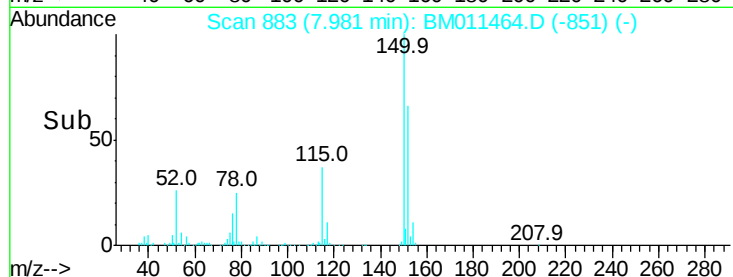
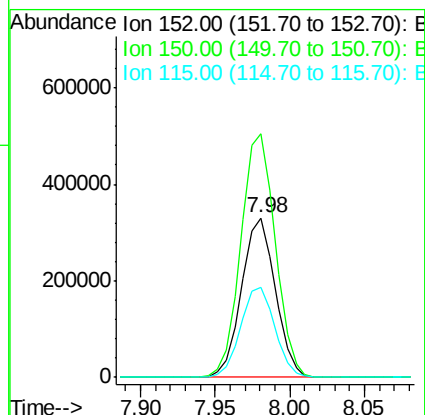
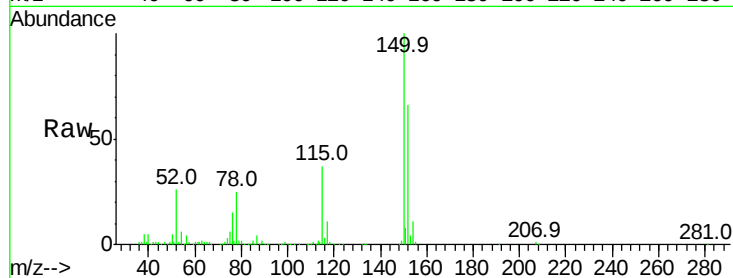


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BM011464.D
Acq: 07 Sep 2017 20:53

Instrument :
BNA_M
ClientSampleId :
VNJ-204

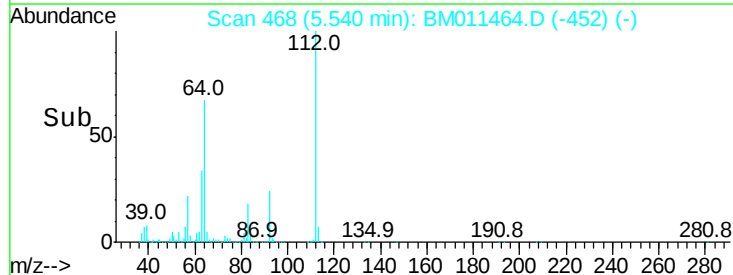
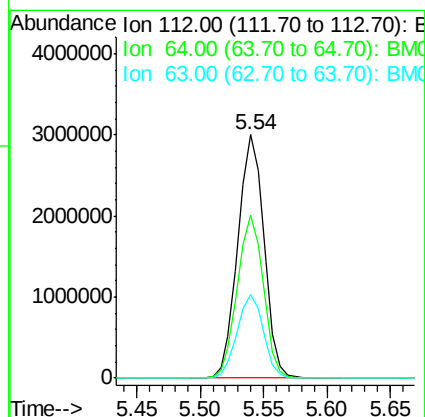
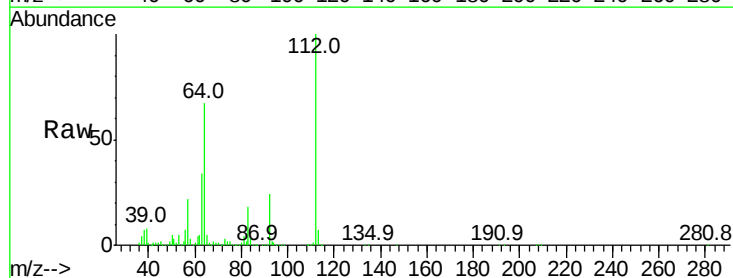
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	119.5	179.3
115	56.2	43.0	64.4

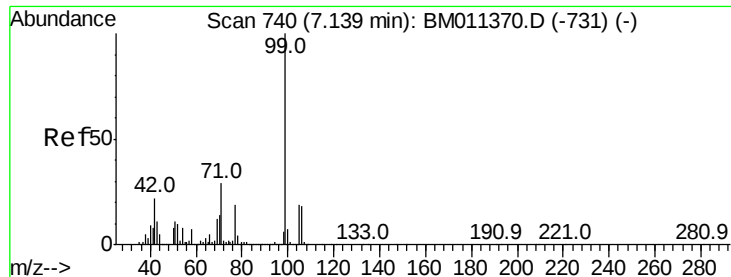


#5

2-Fluorophenol
Concen: 139.279 ng
RT: 5.54 min Scan# 468
Delta R.T. -0.01 min
Lab File: BM011464.D
Acq: 07 Sep 2017 20:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.7	38.6	57.8#
63	34.3	19.3	28.9#





#7

Phenol-d6

Concen: 113.239 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011464.D

Acq: 07 Sep 2017 20:53

Instrument :

BNA_M

ClientSampleId :

VNJ-204

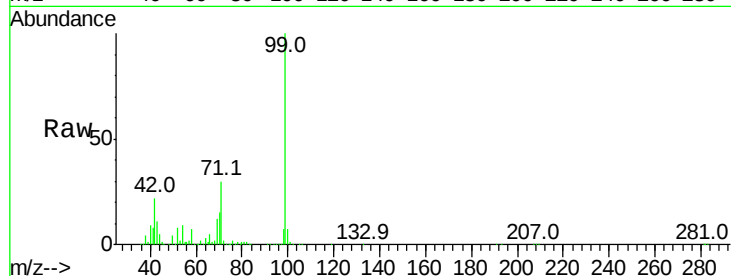
Tot Ion: 99 Resp: 4834121

Ion Ratio Lower Upper

99 100

42 22.4 11.0 16.4#

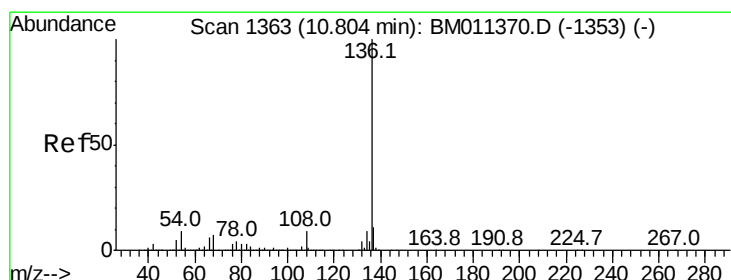
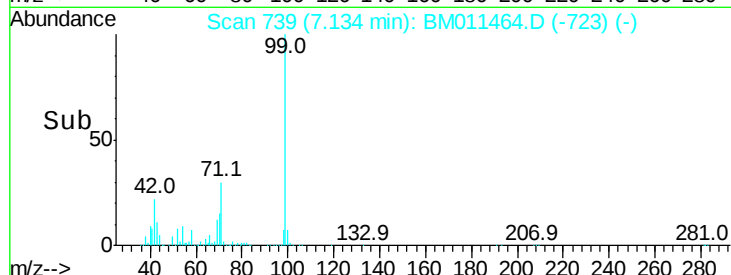
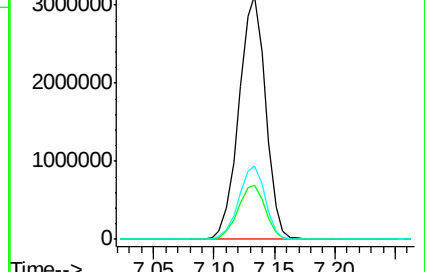
71 30.2 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM011370.D (-731) (-)

Ion 42.00 (41.70 to 42.70): BM011370.D (-731) (-)

Ion 71.00 (70.70 to 71.70): BM011370.D (-731) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1360

Delta R.T. -0.02 min

Lab File: BM011464.D

Acq: 07 Sep 2017 20:53

Tgt Ion: 136 Resp: 2148411

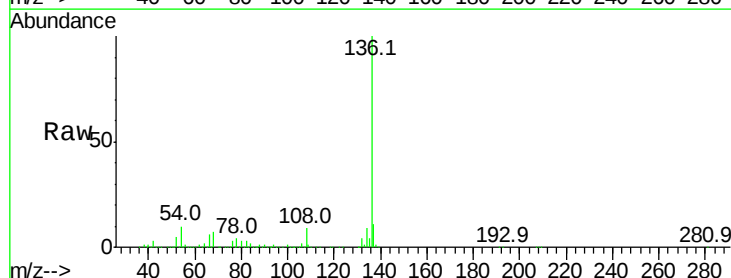
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.6 4.6 6.8#

68 6.9 3.7 5.5#

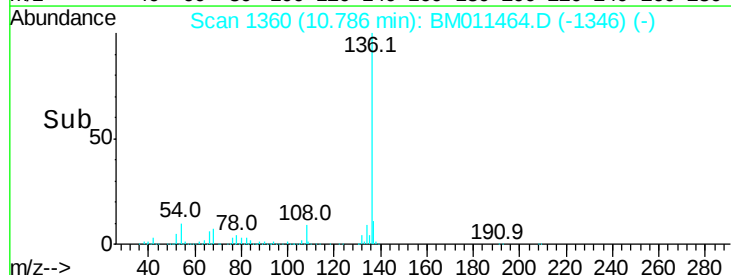
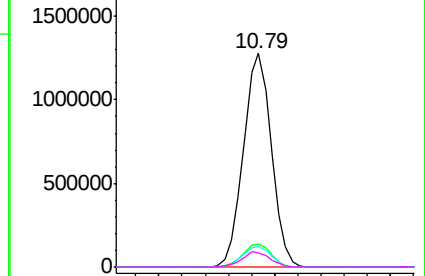


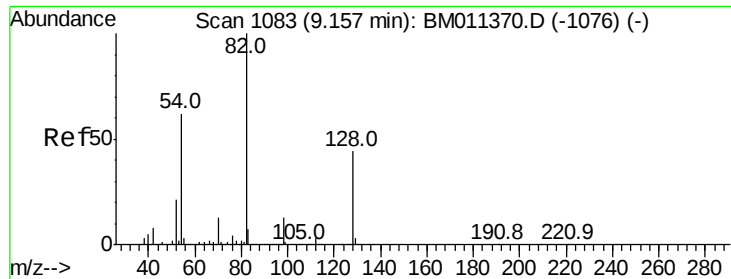
Abundance Ion 136.00 (135.70 to 136.70): BM011370.D (-1353) (-)

Ion 137.00 (136.70 to 137.70): BM011370.D (-1353) (-)

Ion 54.00 (53.70 to 54.70): BM011370.D (-1353) (-)

Ion 68.00 (67.70 to 68.70): BM011370.D (-1353) (-)

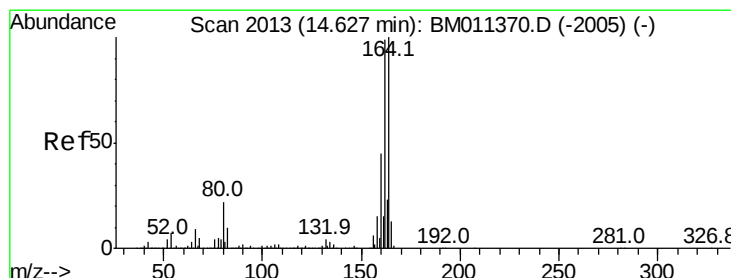
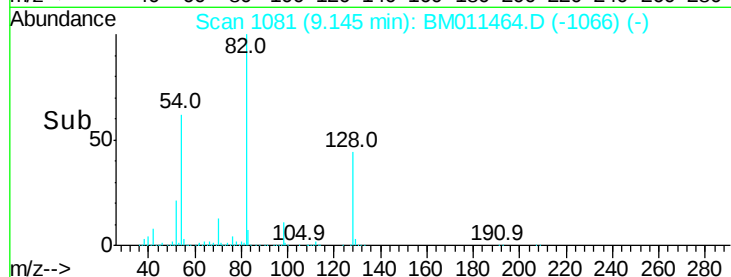
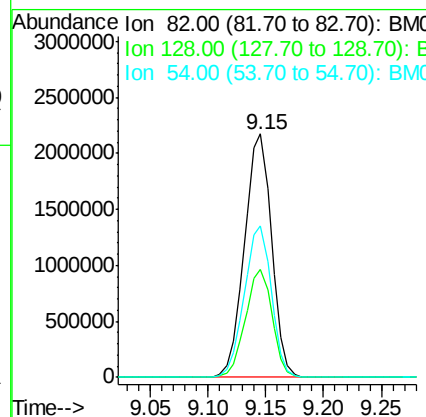
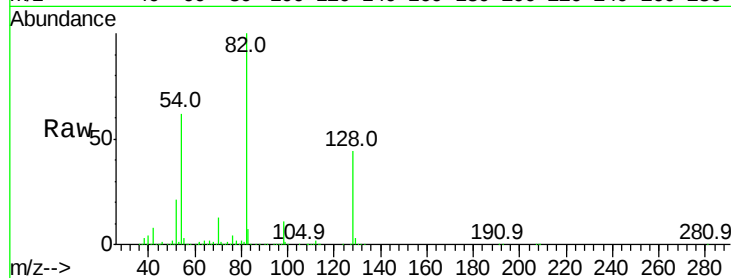




#23
 Nitrobenzene-d5
 Concen: 108.584 ng
 RT: 9.15 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BM011464.D
 Acq: 07 Sep 2017 20:53

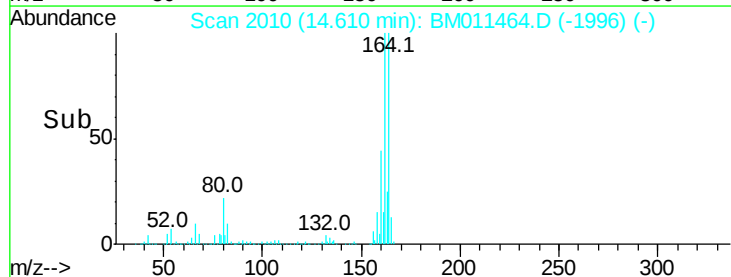
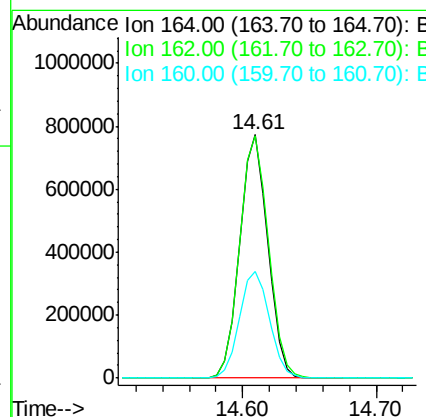
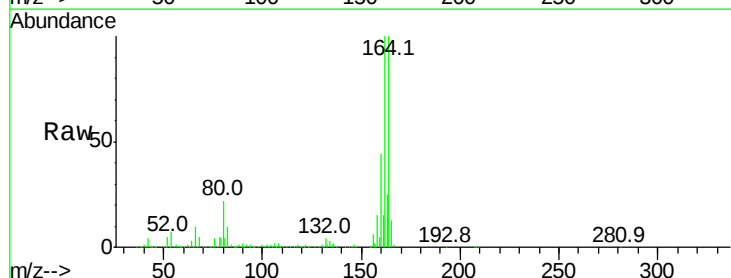
Instrument :
 BNA_M
 ClientSampleId :
 VNJ-204

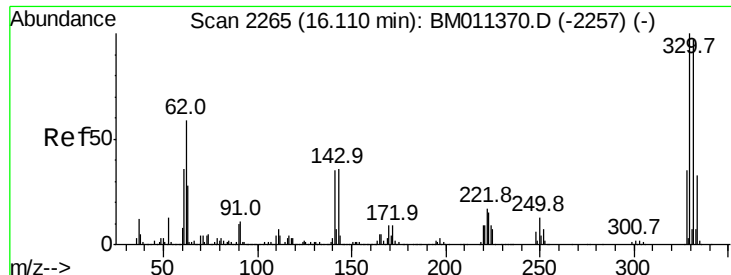
Tot Ion: 82 Resp: 3540060
 Ion Ratio Lower Upper
 82 100
 128 44.3 32.8 49.2
 54 62.2 40.6 60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.61 min Scan# 2010
 Delta R.T. -0.02 min
 Lab File: BM011464.D
 Acq: 07 Sep 2017 20:53

Tgt Ion: 164 Resp: 1127361
 Ion Ratio Lower Upper
 164 100
 162 99.6 82.4 123.6
 160 43.7 35.8 53.6

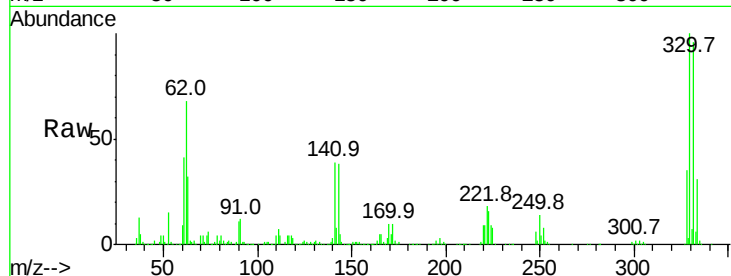




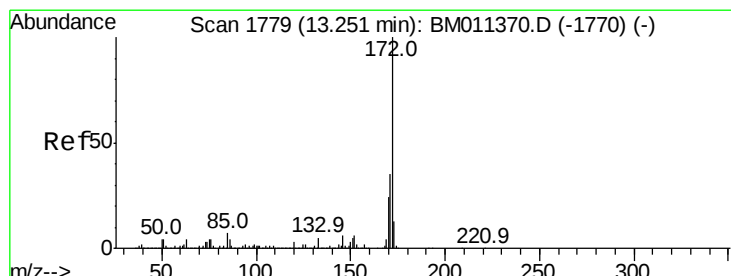
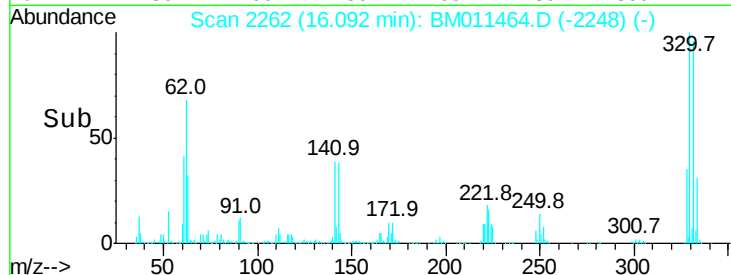
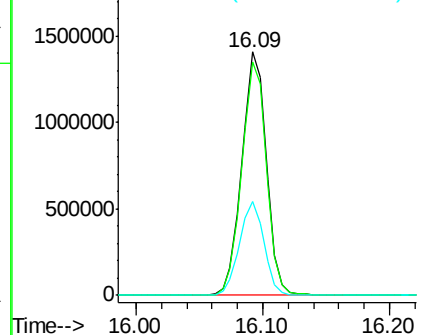
#41
 2,4,6-Tribromophenol
 Concen: 144.473 ng
 RT: 16.09 min Scan# 2262
 Delta R.T. -0.02 min
 Lab File: BM011464.D
 Acq: 07 Sep 2017 20:53

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-204

Tot Ion:330 Resp: 1884378
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 38.7 0.0 0.0#

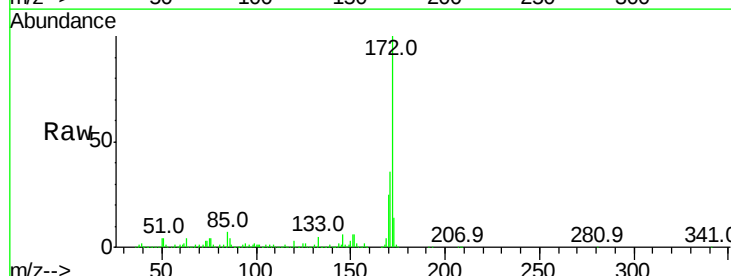


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

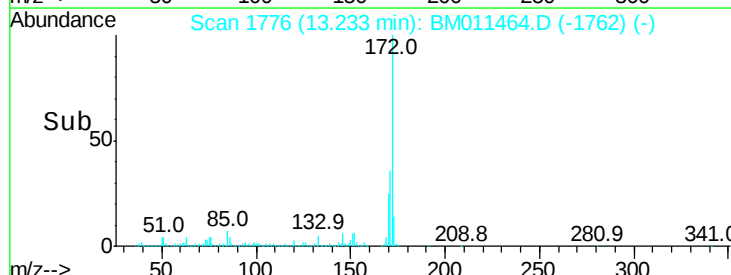
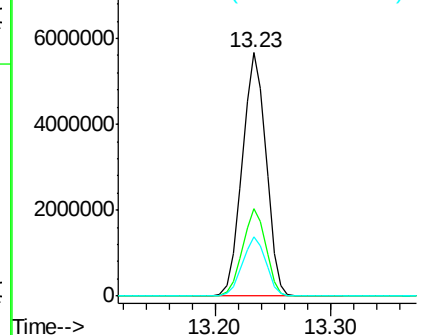


#44
 2-Fluorobiphenyl
 Concen: 103.641 ng
 RT: 13.23 min Scan# 1776
 Delta R.T. -0.02 min
 Lab File: BM011464.D
 Acq: 07 Sep 2017 20:53

Tgt Ion:172 Resp: 8105618
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.5 42.7
 170 24.6 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

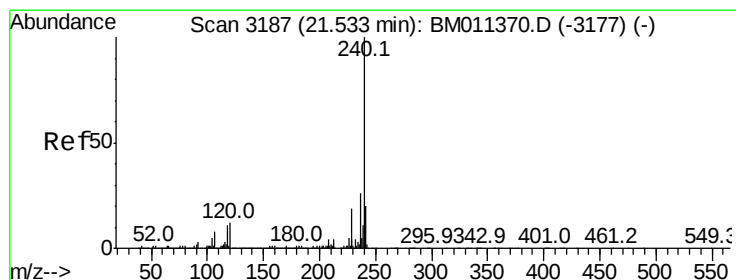
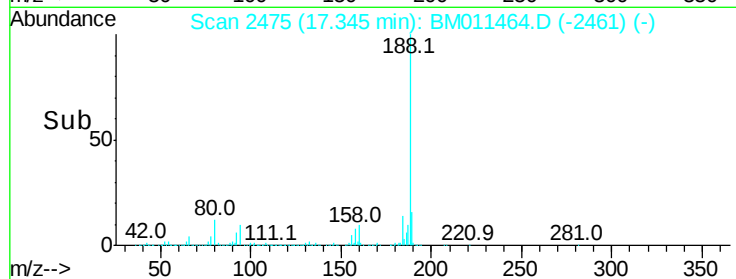
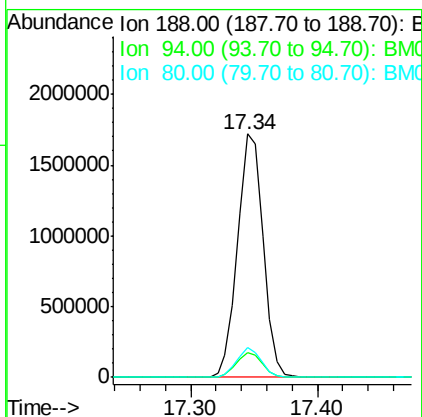
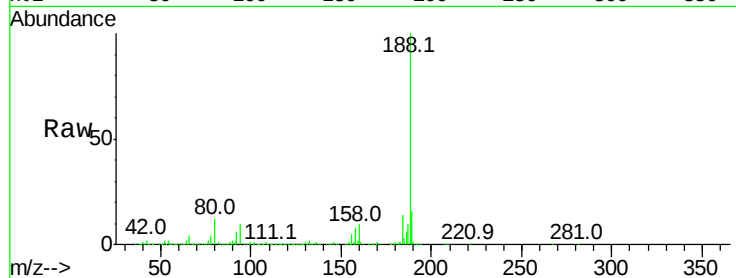




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2475
Delta R.T. -0.02 min
Lab File: BM011464.D
Acq: 07 Sep 2017 20:53

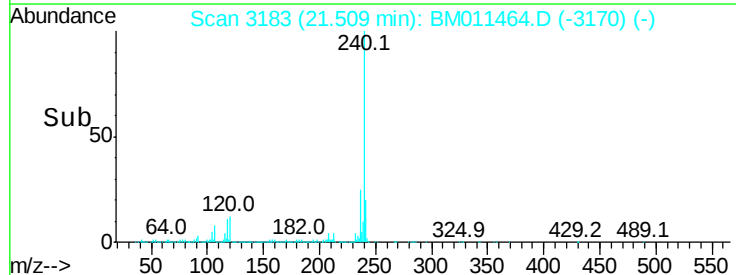
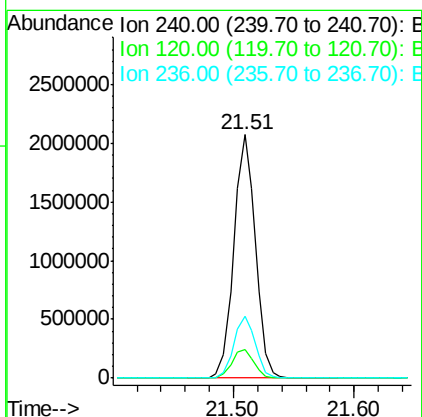
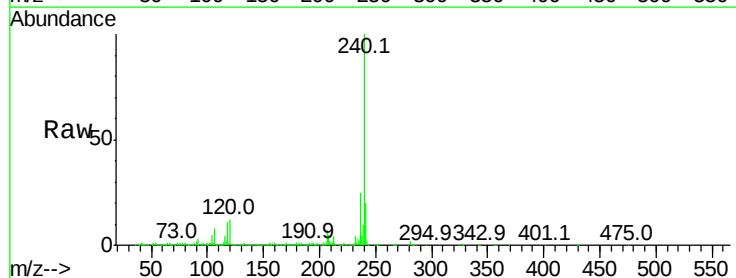
Instrument :
BNA_M
ClientSampleId :
VNJ-204

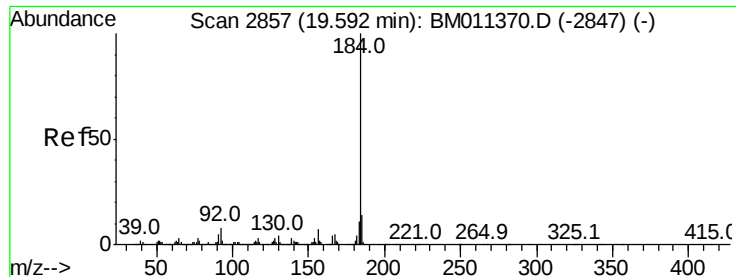
Tot Ion:188 Resp: 2400528
Ion Ratio Lower Upper
188 100
94 10.3 8.7 13.1
80 12.2 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3183
Delta R.T. -0.02 min
Lab File: BM011464.D
Acq: 07 Sep 2017 20:53

Tgt Ion:240 Resp: 2582519
Ion Ratio Lower Upper
240 100
120 11.8 8.2 12.2
236 25.2 20.0 30.0





#76

Benzidine

Concen: 8.902 ng

RT: 19.58 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BM011464.D

Acq: 07 Sep 2017 20:53

Instrument :

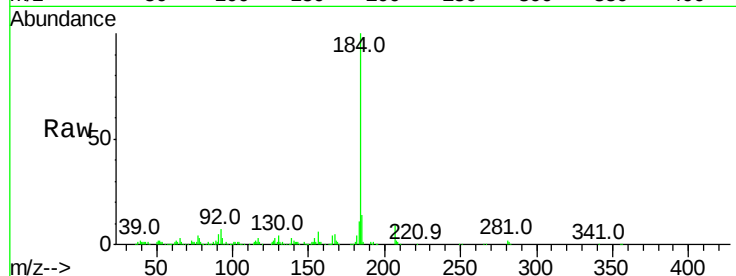
BNA_M

ClientSampleId :

VNJ-204

Tot Ion:184 Resp: 453716

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.3	16.9
183	10.5	8.9	13.3

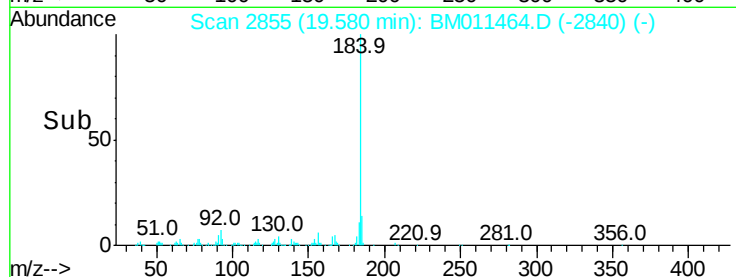


Abundance Ion 184.00 (183.70 to 184.70): E

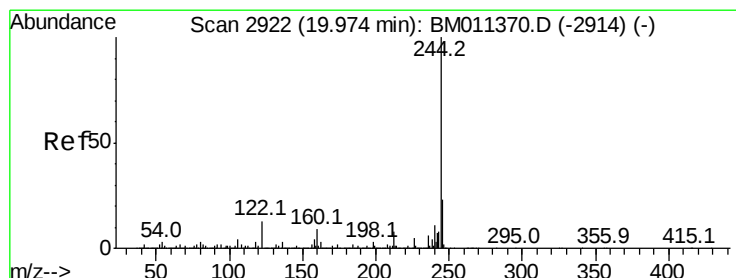
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

19.58



Time-->



#78

Terphenyl-d14

Concen: 96.186 ng

RT: 19.96 min Scan# 2919

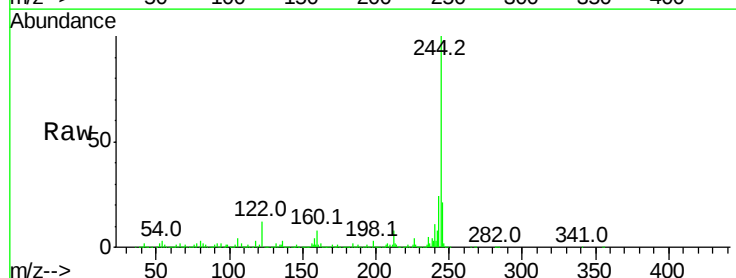
Delta R.T. -0.02 min

Lab File: BM011464.D

Acq: 07 Sep 2017 20:53

Tgt Ion:244 Resp:10011339

Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.9	7.3#
122	11.9	6.2	9.4#

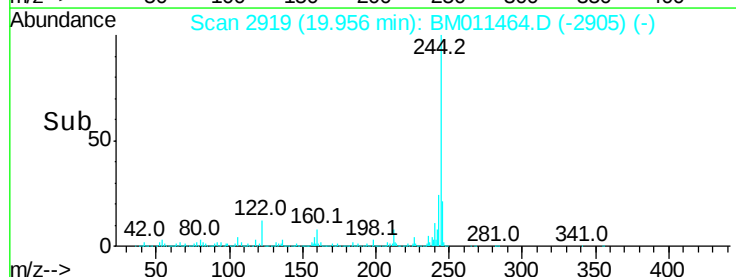


Abundance Ion 244.00 (243.70 to 244.70): E

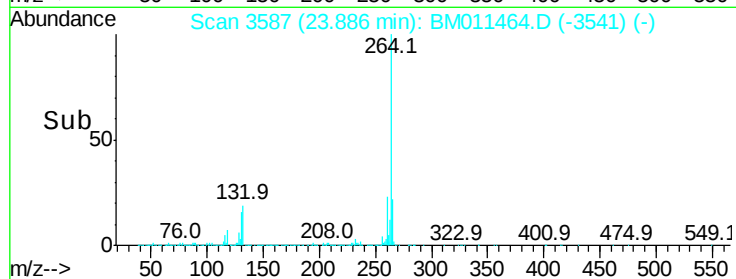
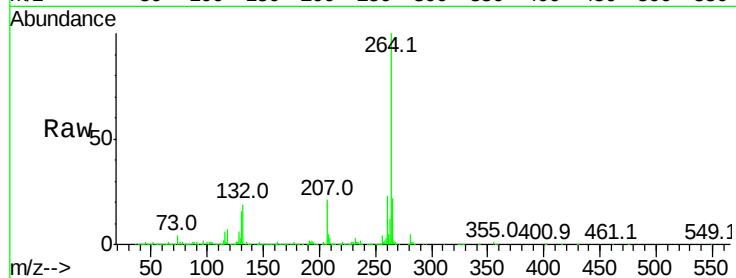
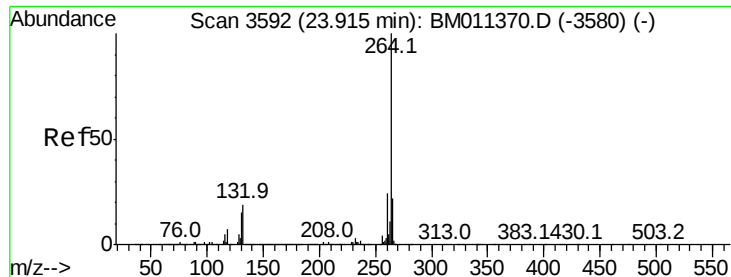
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

19.96



Time-->



#86

Pervlene-d12

Concen: 20.000 ng

RT: 23.89 min Scan# 3587

Delta R.T. -0.03 min

Lab File: BM011464.D

Acq: 07 Sep 2017 20:53

Instrument :

BNA_M

ClientSampleId :

VNJ-204

Tot Ion:264 Resp: 2182643

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 22.0 17.3 25.9

