

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090717\
 Data File : BM011465.D
 Acq On : 07 Sep 2017 21:30
 Operator : SJ/JU
 Sample : I5122-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-04-090617

Quant Time: Sep 08 08:27:04 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

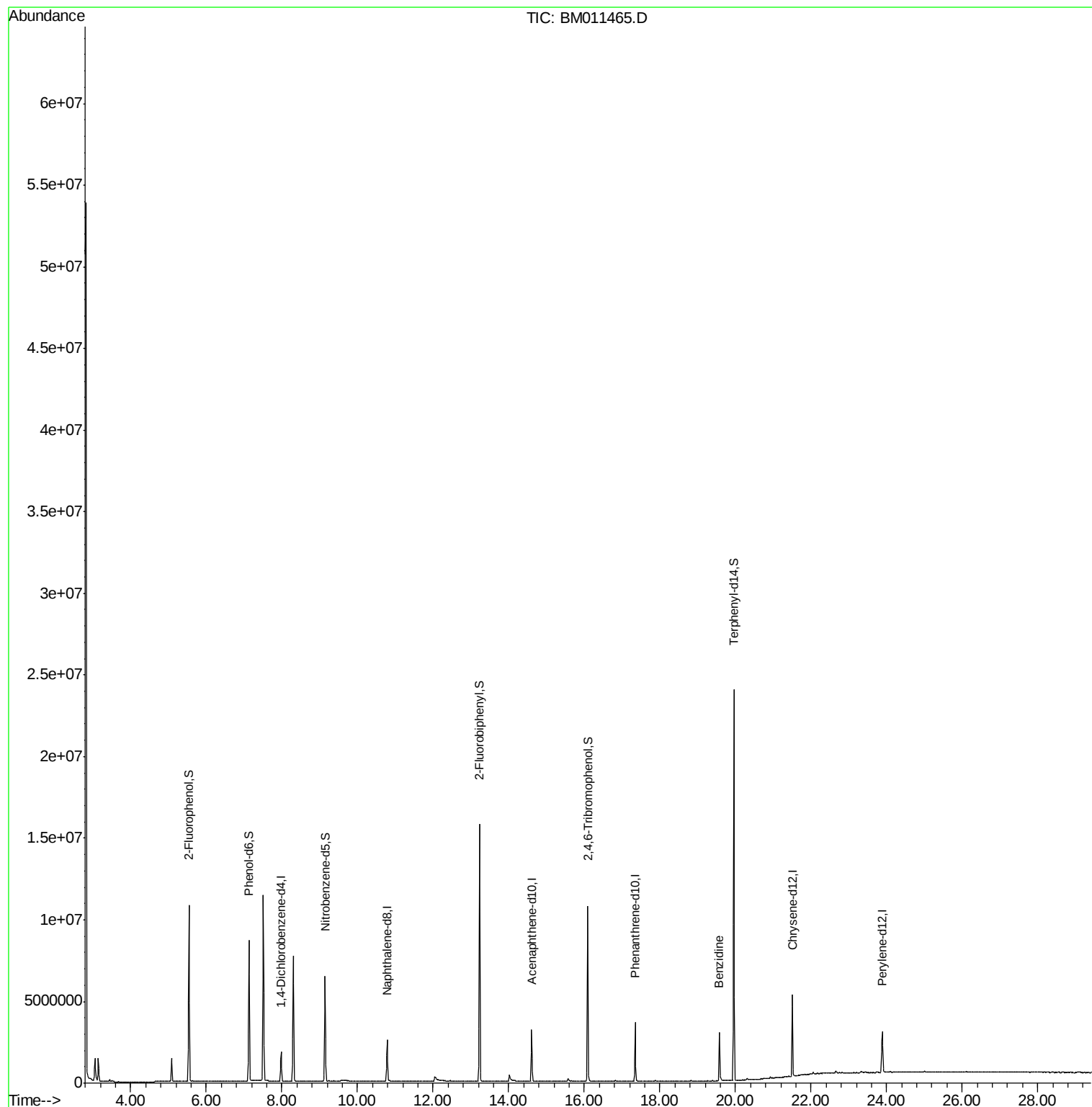
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	489903	20.00	ng	-0.01
21) Naphthalene-d8	10.79	136	2024826	20.00	ng	-0.02
38) Acenaphthene-d10	14.61	164	1002503	20.00	ng	-0.02
63) Phenanthrene-d10	17.34	188	2056511	20.00	ng	-0.02
75) Chrysene-d12	21.51	240	2219558	20.00	ng	-0.02
86) Perylene-d12	23.89	264	1894615	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	4059765	139.49	ng	0.00
7) Phenol-d6	7.13	99	4511066	111.78	ng	0.00
23) Nitrobenzene-d5	9.15	82	3327344	108.29	ng	-0.01
41) 2,4,6-Tribromophenol	16.09	330	1572721	135.60	ng	-0.02
44) 2-Fluorobiphenyl	13.23	172	7360822	105.84	ng	-0.02
78) Terphenyl-d14	19.96	244	9019182	100.82	ng	-0.02
Target Compounds						
76) Benzidine	19.57	184	1691434	38.612	ng	Qvalue 100

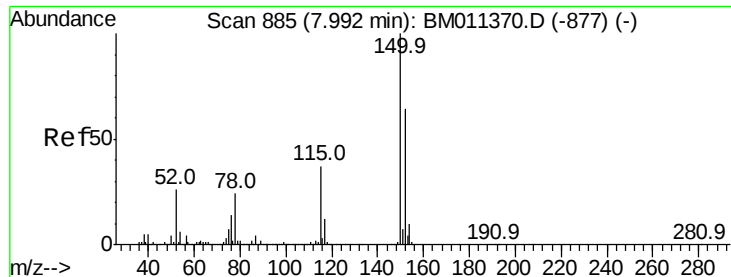
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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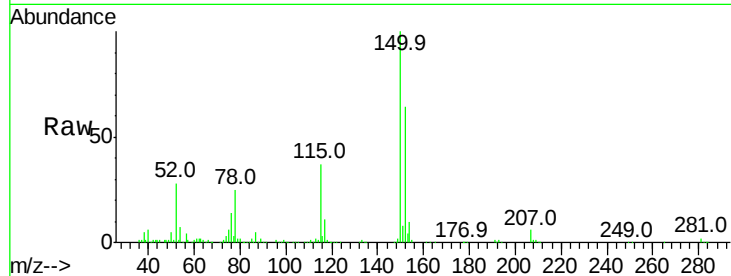


#1

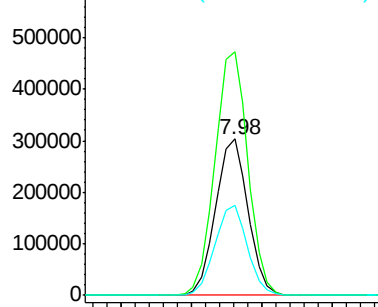
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BM011465.D
Acq: 07 Sep 2017 21:30

Instrument :
BNA_M
ClientSampleId :
SU-04-090617

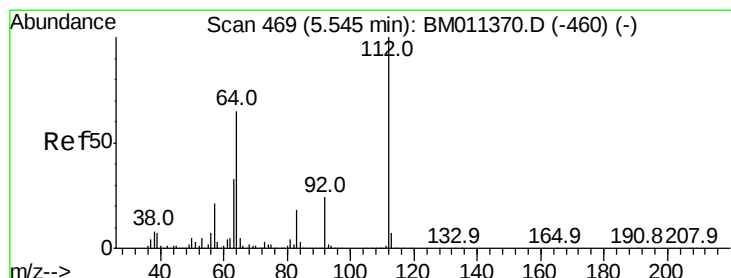
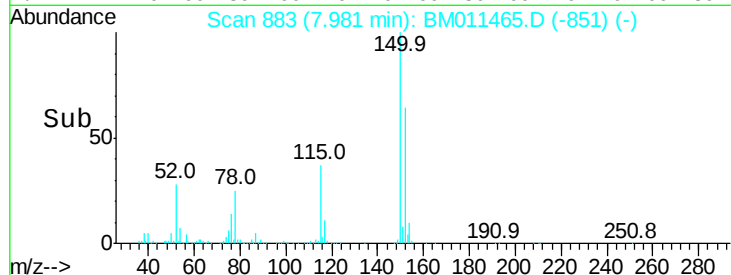
Tot Ion:152 Resp: 489903
Ion Ratio Lower Upper
152 100
150 156.1 119.5 179.3
115 57.6 43.0 64.4



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



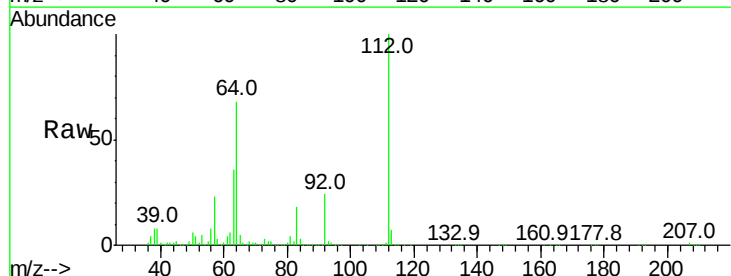
Time-->



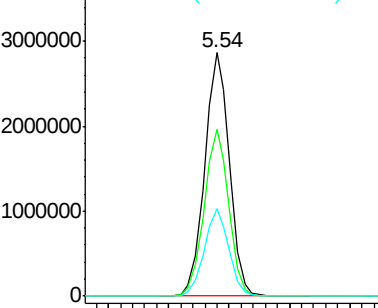
#5

2-Fluorophenol
Concen: 139.491 ng
RT: 5.54 min Scan# 468
Delta R.T. -0.01 min
Lab File: BM011465.D
Acq: 07 Sep 2017 21:30

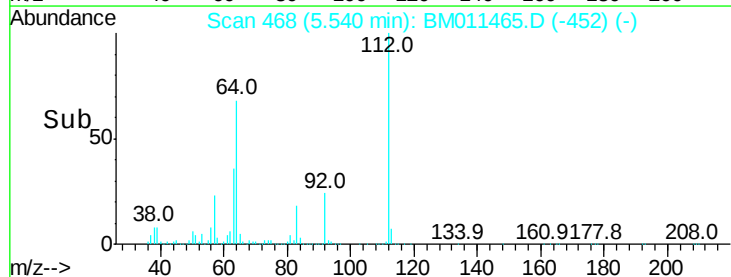
Tgt Ion:112 Resp: 4059765
Ion Ratio Lower Upper
112 100
64 68.4 38.6 57.8#
63 36.0 19.3 28.9#

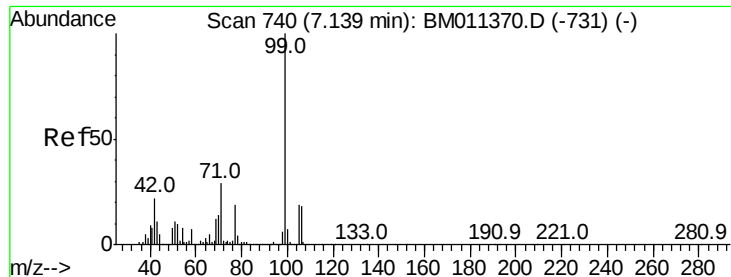


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0



Time-->





#7

Phenol-d6

Concen: 111.781 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011465.D

Acq: 07 Sep 2017 21:30

Instrument :

BNA_M

ClientSampleId :

SU-04-090617

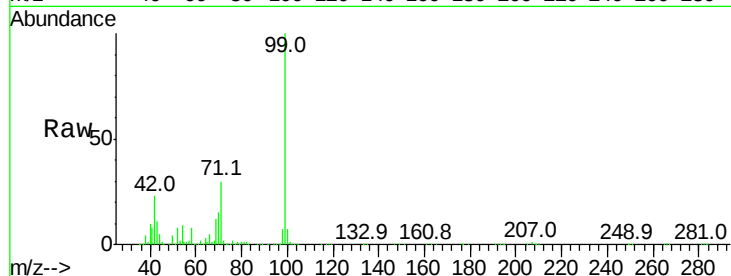
Tot Ion: 99 Resp: 4511066

Ion Ratio Lower Upper

99 100

42 23.4 11.0 16.4#

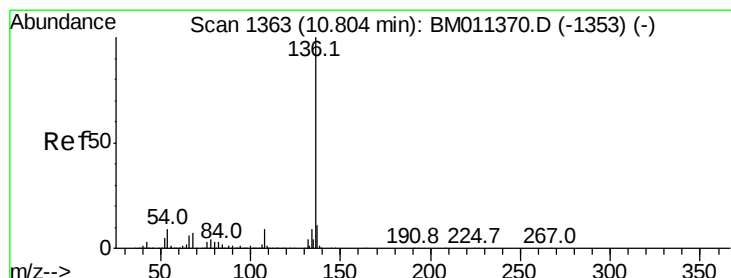
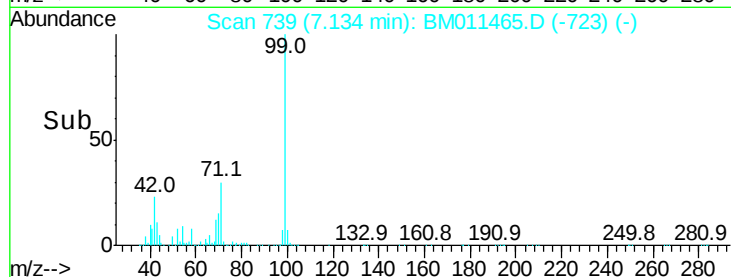
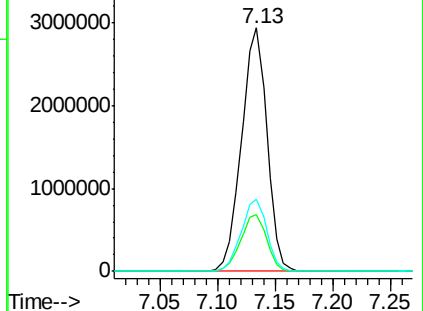
71 29.8 23.4 35.2



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: BM011465.D

Acq: 07 Sep 2017 21:30

Tgt Ion:136 Resp: 2024826

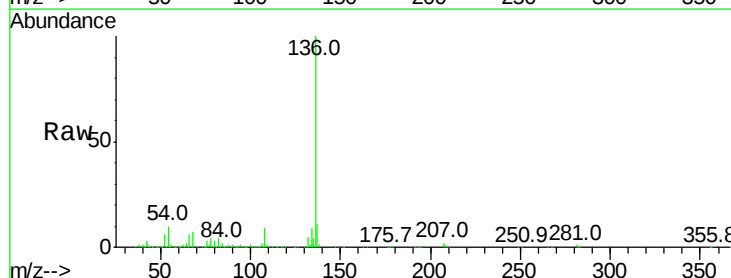
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.0 4.6 6.8#

68 7.1 3.7 5.5#

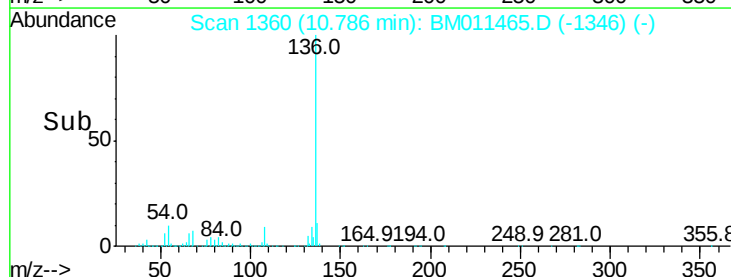
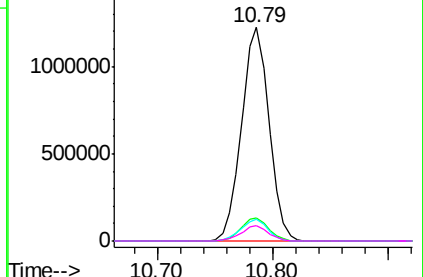


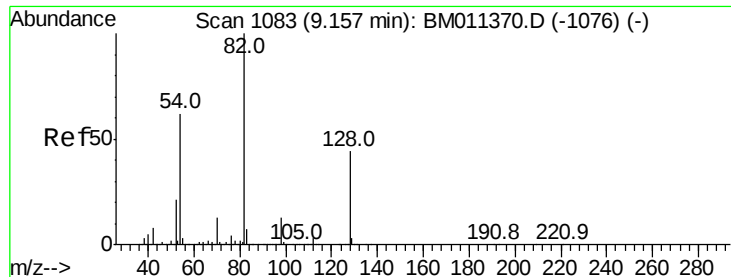
Abundance Ion 136.00 (135.70 to 136.70): BM011370.D (-1353) (-)

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) (-)



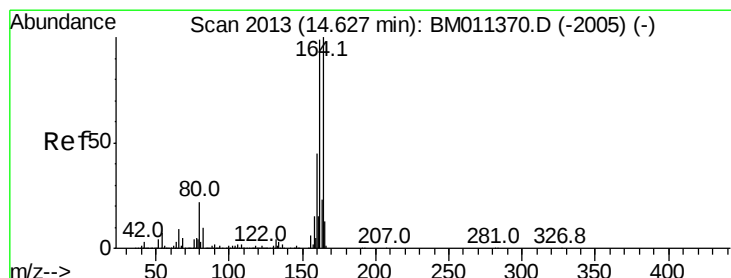
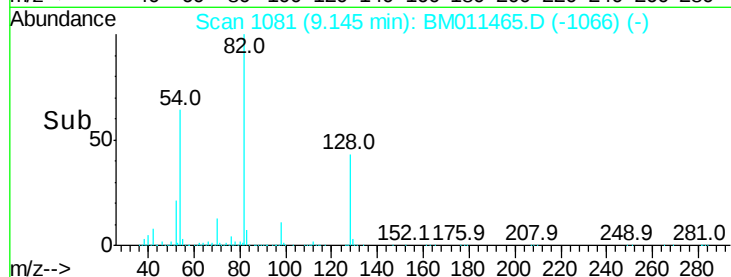
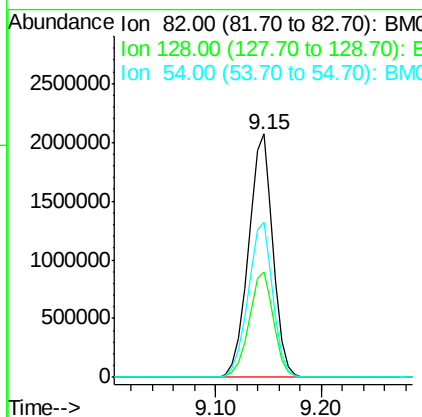
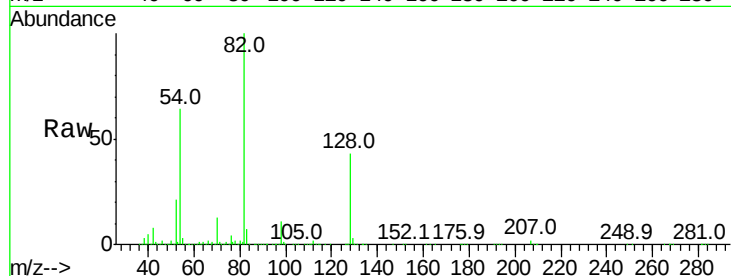


#23
 Nitrobenzene-d5
 Concen: 108.289 ng
 RT: 9.15 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BM011465.D
 Acq: 07 Sep 2017 21:30

Instrument :
 BNA_M
 ClientSampleId :
 SU-04-090617

Tot Ion: 82 Resp: 3327344

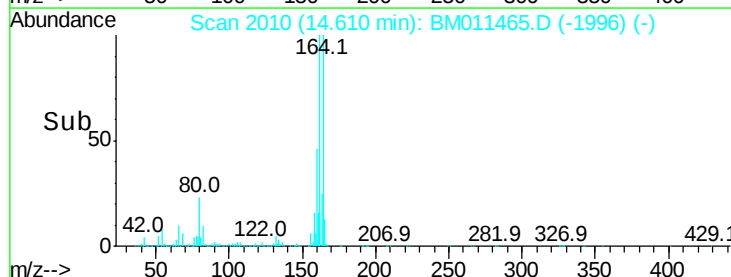
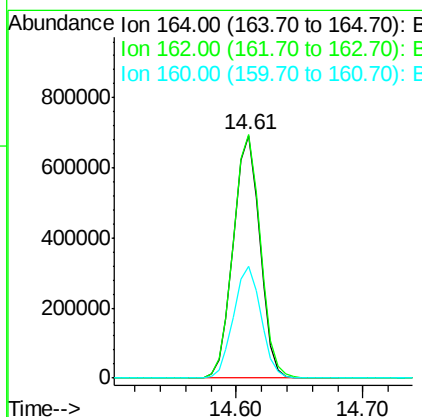
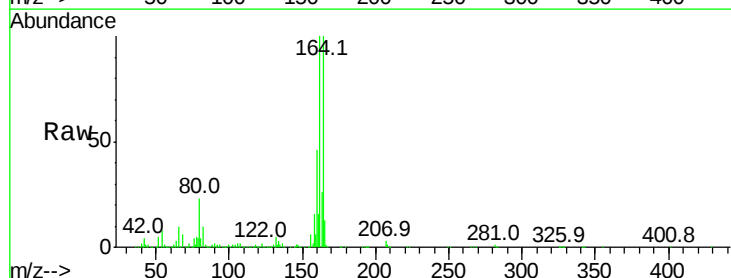
Ion	Ratio	Lower	Upper
82	100		
128	43.4	32.8	49.2
54	63.8	40.6	60.8#

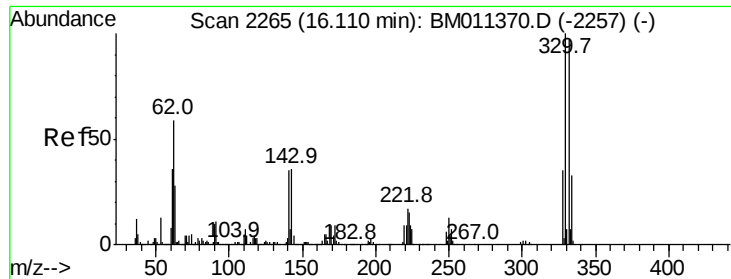


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.61 min Scan# 2010
 Delta R.T. -0.02 min
 Lab File: BM011465.D
 Acq: 07 Sep 2017 21:30

Tgt Ion: 164 Resp: 1002503

Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.4	123.6
160	46.0	35.8	53.6

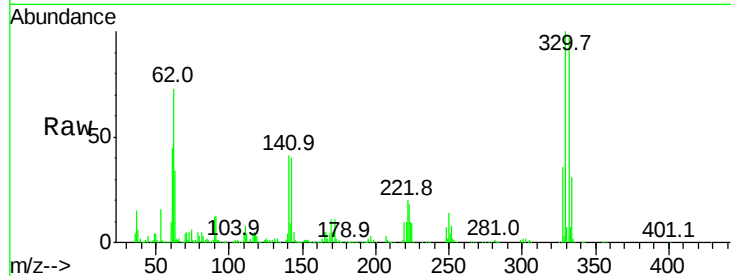




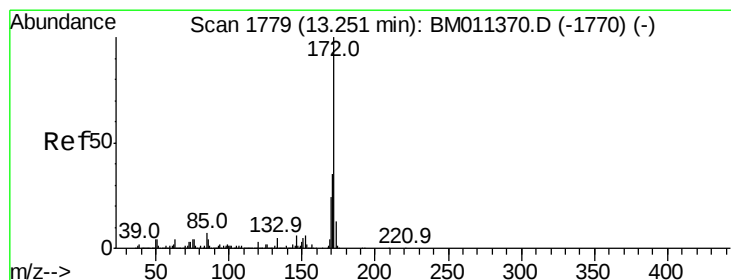
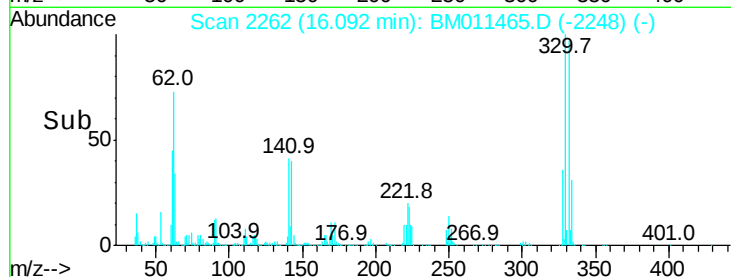
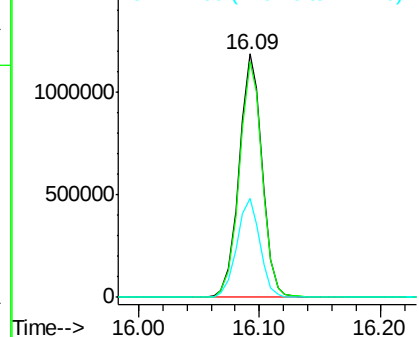
#41
2,4,6-Tribromophenol
Concen: 135.597 ng
RT: 16.09 min Scan# 2262
Delta R.T. -0.02 min
Lab File: BM011465.D
Acq: 07 Sep 2017 21:30

Instrument :
BNA_M
ClientSampleId :
SU-04-090617

Tot Ion:330 Resp: 1572721
Ion Ratio Lower Upper
330 100
332 96.8 0.0 0.0#
141 41.2 0.0 0.0#

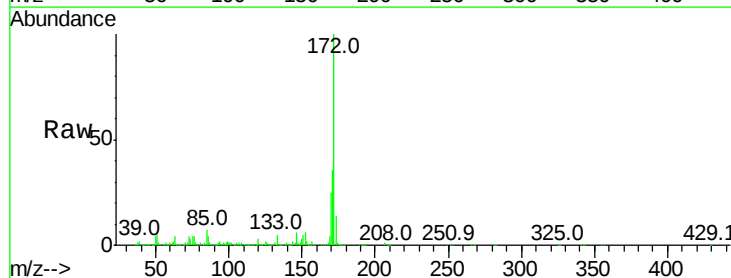


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

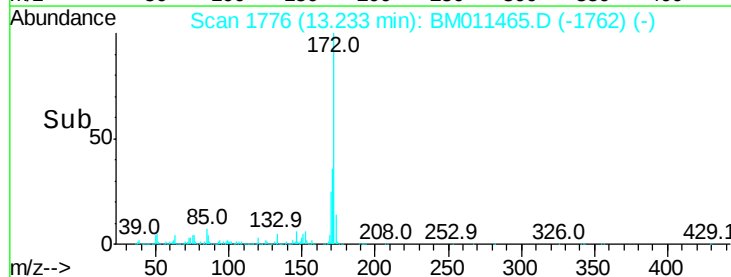
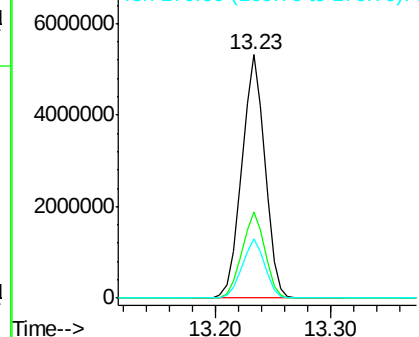


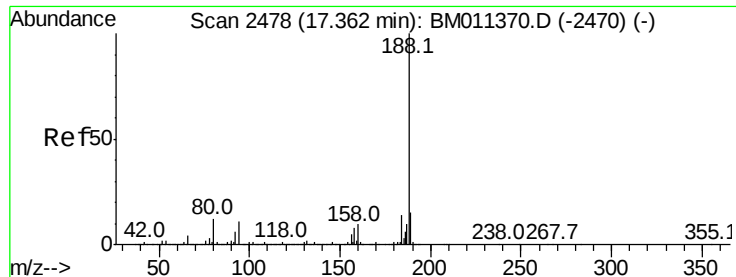
#44
2-Fluorobiphenyl
Concen: 105.840 ng
RT: 13.23 min Scan# 1776
Delta R.T. -0.02 min
Lab File: BM011465.D
Acq: 07 Sep 2017 21:30

Tgt Ion:172 Resp: 7360822
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 24.5 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

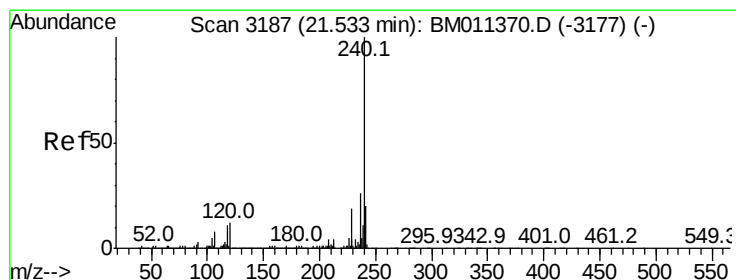
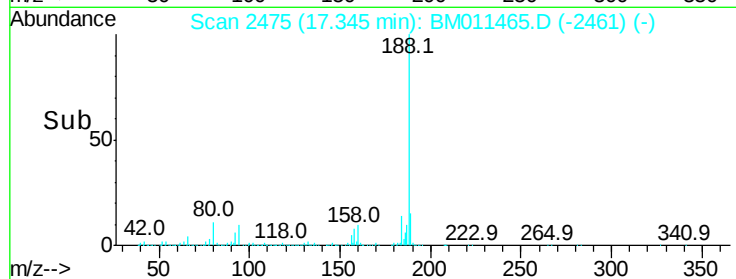
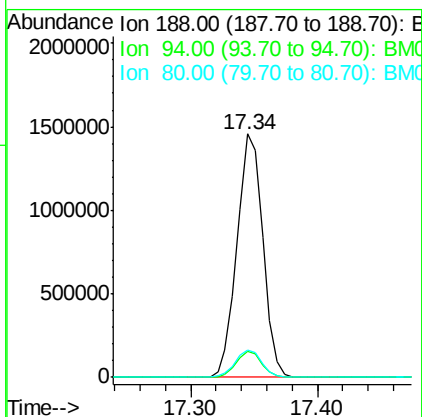
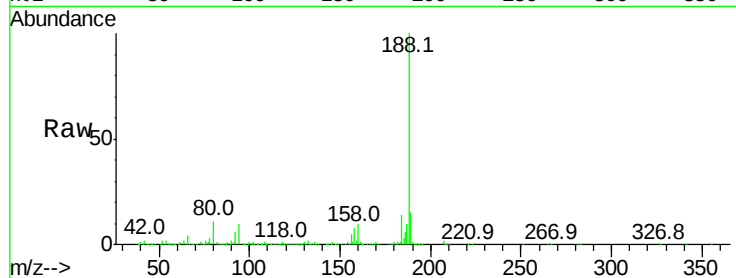




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2475
Delta R.T. -0.02 min
Lab File: BM011465.D
Acq: 07 Sep 2017 21:30

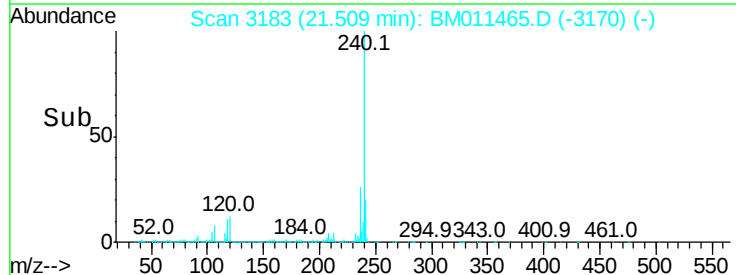
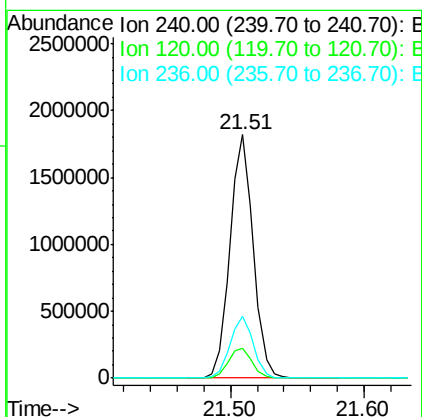
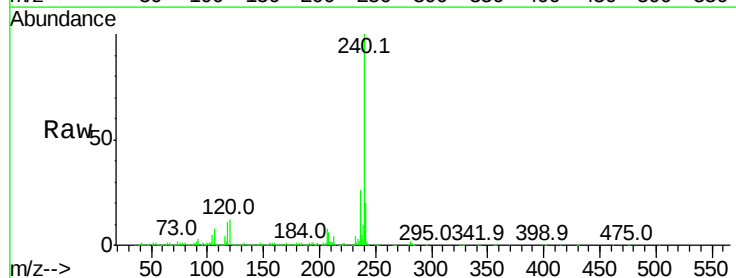
Instrument :
BNA_M
ClientSampleId :
SU-04-090617

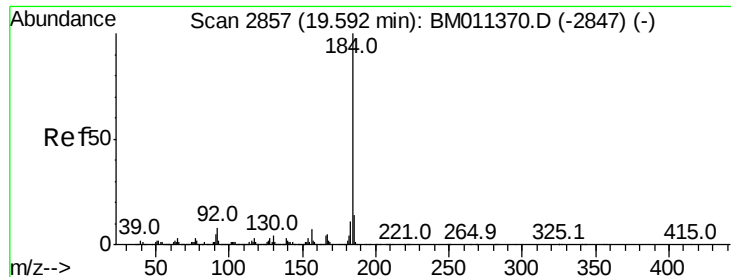
Tot Ion:188 Resp: 2056511
Ion Ratio Lower Upper
188 100
94 10.5 8.7 13.1
80 11.4 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3183
Delta R.T. -0.02 min
Lab File: BM011465.D
Acq: 07 Sep 2017 21:30

Tgt Ion:240 Resp: 2219558
Ion Ratio Lower Upper
240 100
120 12.1 8.2 12.2
236 25.5 20.0 30.0





#76

Benzidine

Concen: 38.612 ng

RT: 19.57 min Scan# 2854

Delta R.T. -0.02 min

Lab File: BM011465.D

Acq: 07 Sep 2017 21:30

Instrument :

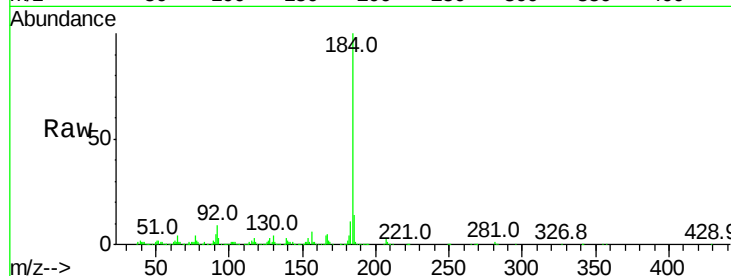
BNA_M

ClientSampleId :

SU-04-090617

Tot Ion:184 Resp: 1691434

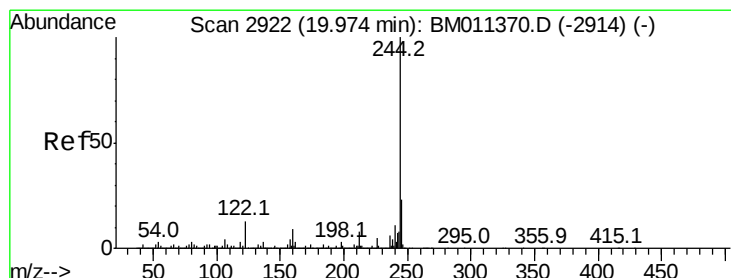
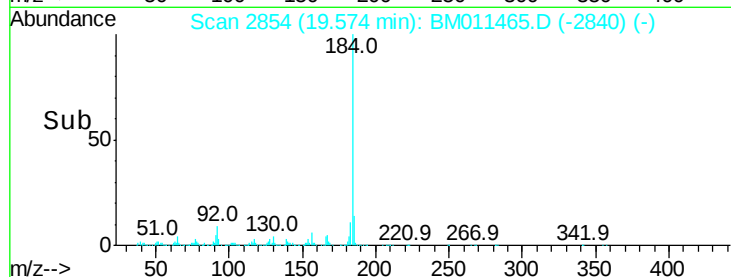
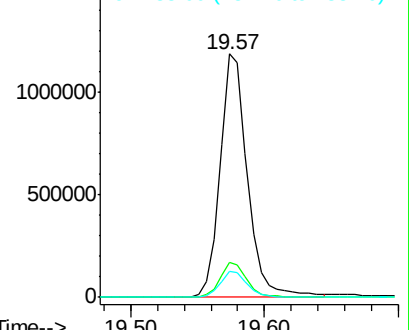
Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.3	16.9
183	10.8	8.9	13.3



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



#78

Terphenyl-d14

Concen: 100.824 ng

RT: 19.96 min Scan# 2919

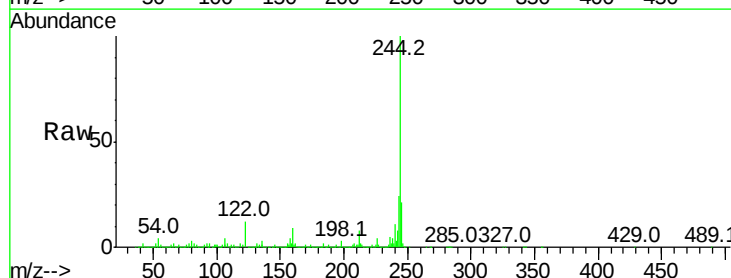
Delta R.T. -0.02 min

Lab File: BM011465.D

Acq: 07 Sep 2017 21:30

Tgt Ion:244 Resp: 9019182

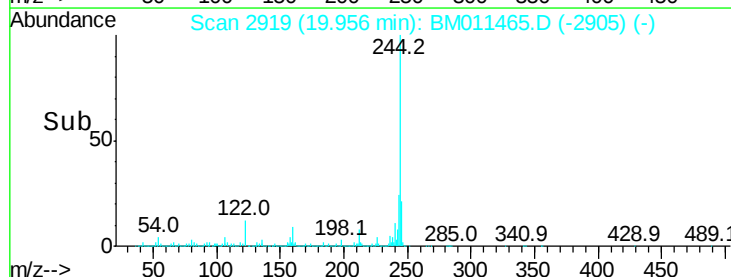
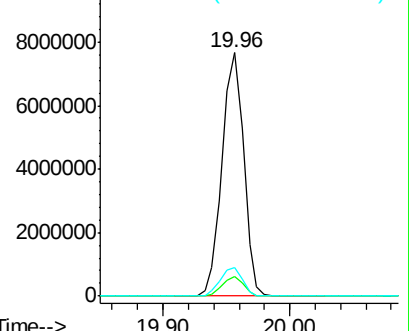
Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.9	7.3#
122	11.6	6.2	9.4#

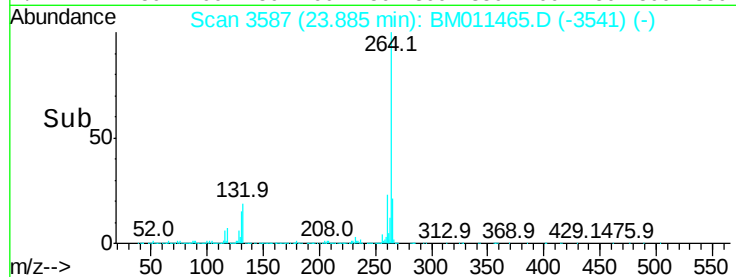
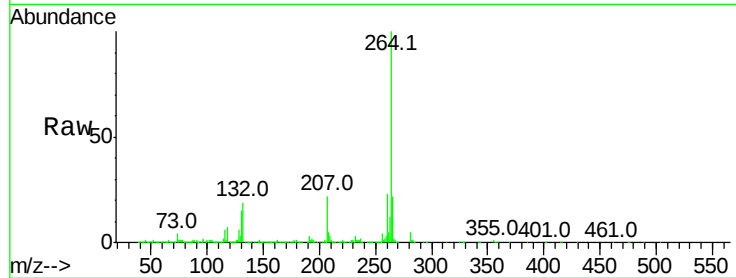
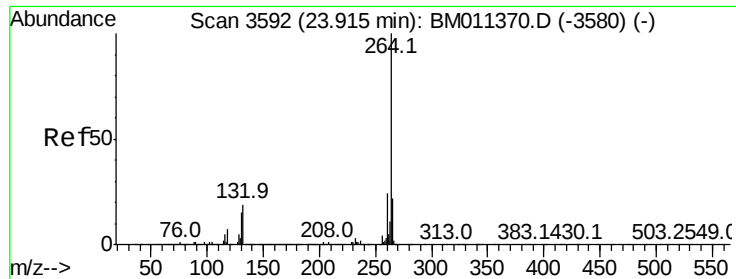


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3587

Delta R.T. -0.03 min

Lab File: BM011465.D

Acq: 07 Sep 2017 21:30

Instrument :

BNA_M

ClientSampleId :

SU-04-090617

Tot Ion:264 Resp: 1894615

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 21.7 17.3 25.9

