

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090517\
 Data File : BM011446.D
 Acq On : 05 Sep 2017 23:39
 Operator : SJ/JU
 Sample : I5093-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 AU-06-090117-A

Quant Time: Sep 06 08:46:13 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

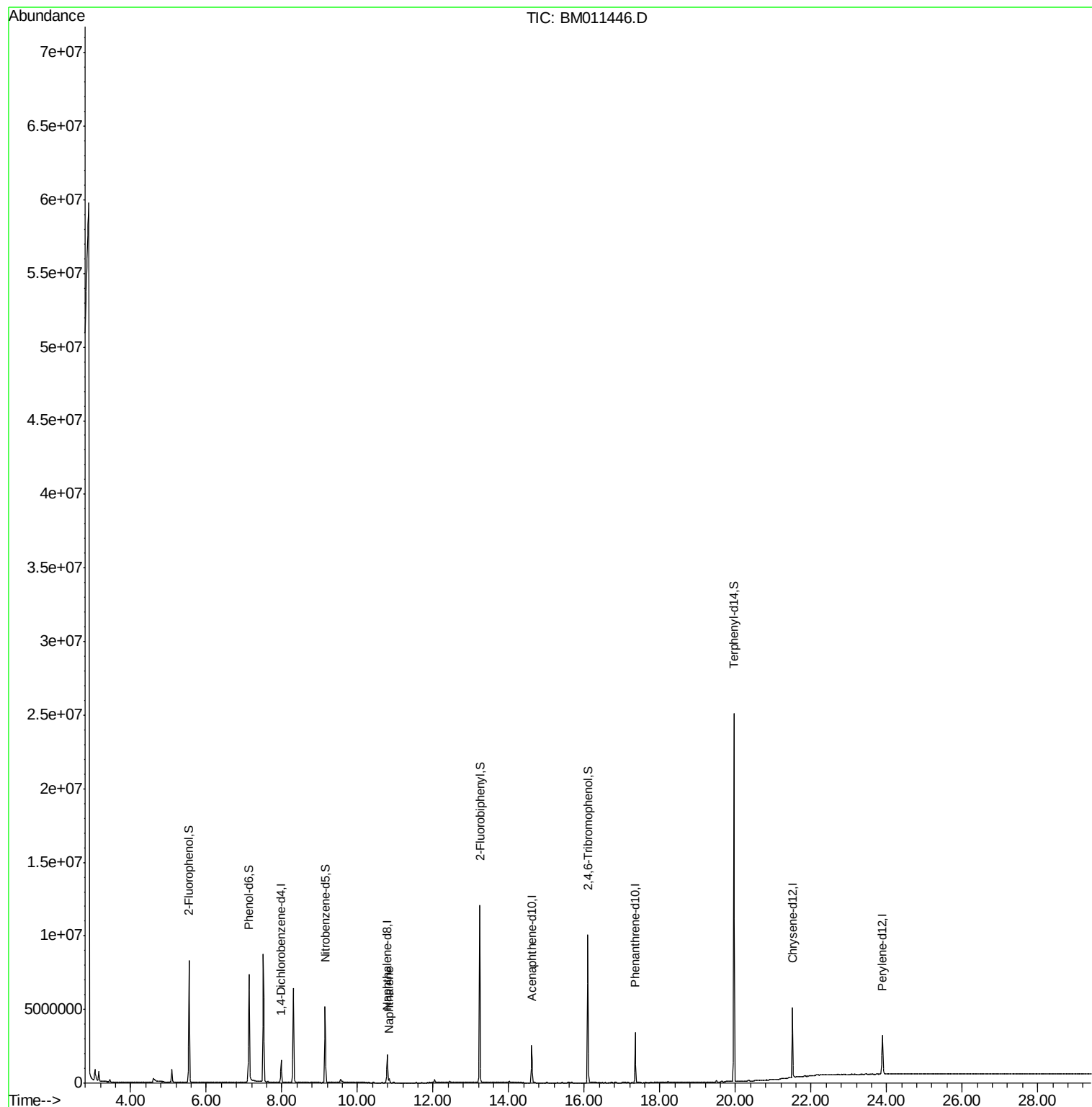
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	382695	20.00	ng	-0.01
21) Naphthalene-d8	10.79	136	1525881	20.00	ng	-0.02
38) Acenaphthene-d10	14.61	164	786087	20.00	ng	-0.02
63) Phenanthrene-d10	17.35	188	1853498	20.00	ng	-0.01
75) Chrysene-d12	21.51	240	2155442	20.00	ng	-0.02
86) Perylene-d12	23.89	264	1853574	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	3228433	142.00	ng	0.00
7) Phenol-d6	7.13	99	3581051	113.59	ng	0.00
23) Nitrobenzene-d5	9.15	82	2593482	112.00	ng	-0.01
41) 2,4,6-Tribromophenol	16.10	330	1476141	162.31	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	6063839	111.20	ng	-0.01
78) Terphenyl-d14	19.96	244	9415993	108.39	ng	-0.02
Target Compounds						
31) Naphthalene	10.84	128	239259	2.904	ng	Qvalue 99

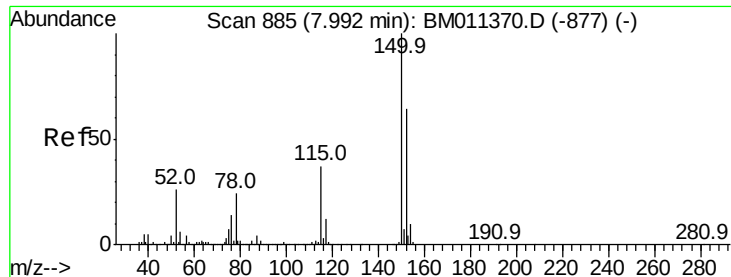
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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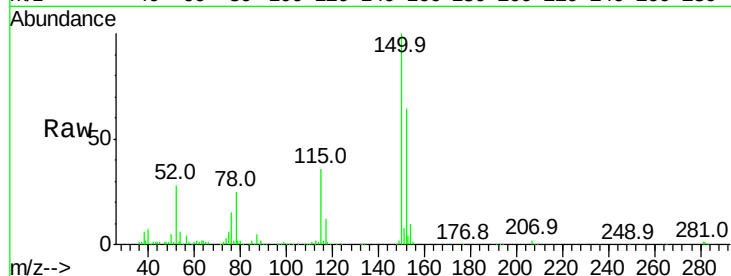


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BM011446.D
Acq: 05 Sep 2017 23:39

Instrument :
BNA_M
ClientSampleId :
AU-06-090117-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	119.5	179.3
115	56.8	43.0	64.4

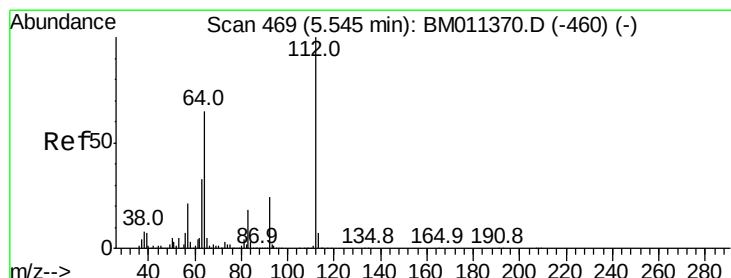
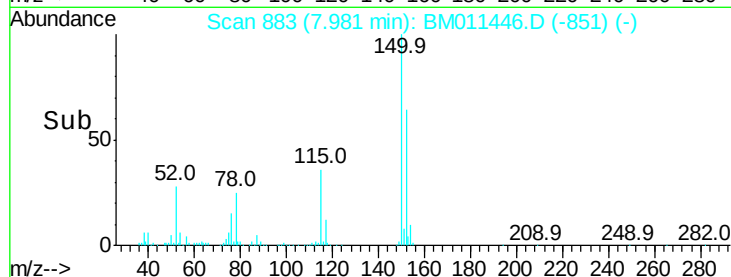
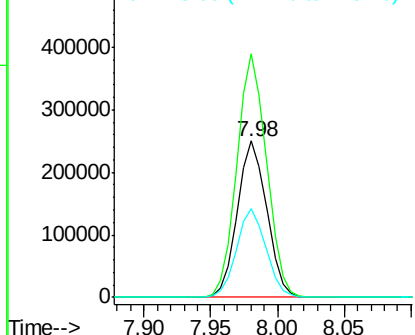


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

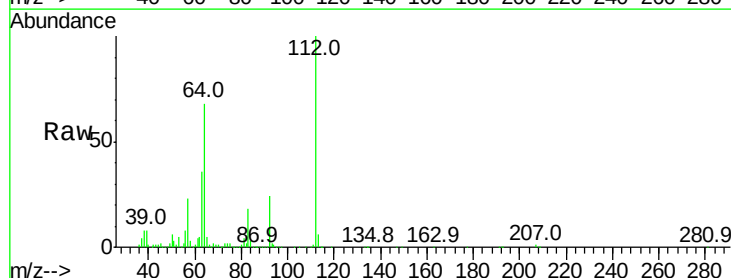
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 142.002 ng
RT: 5.55 min Scan# 469
Delta R.T. 0.00 min
Lab File: BM011446.D
Acq: 05 Sep 2017 23:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	38.6	57.8#
63	35.5	19.3	28.9#

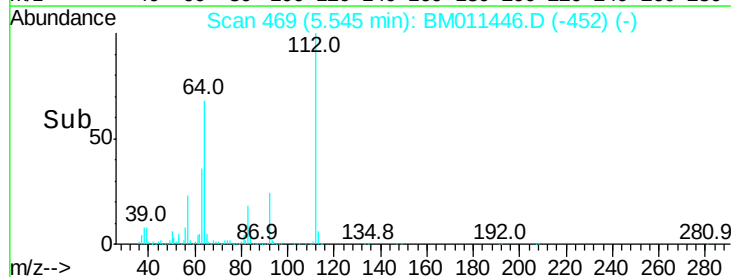
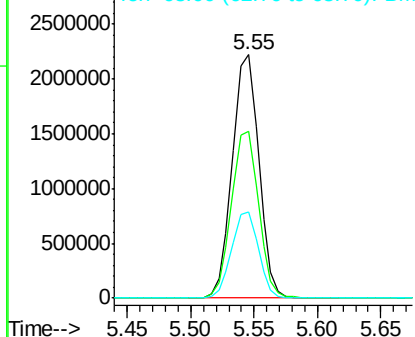


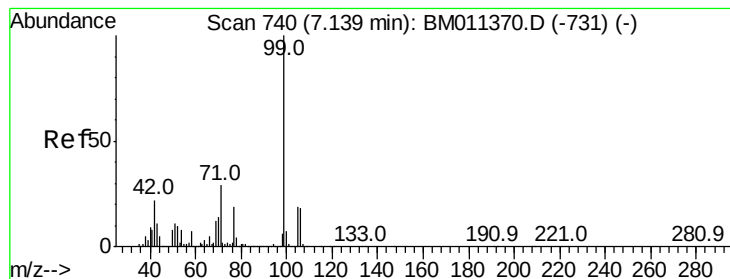
Abundance

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: 113.594 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011446.D

Acq: 05 Sep 2017 23:39

Instrument :

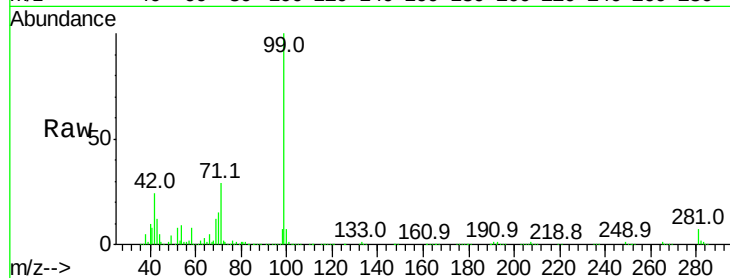
BNA_M

ClientSampleId :

AU-06-090117-A

Tot Ion: 99 Resp: 3581051

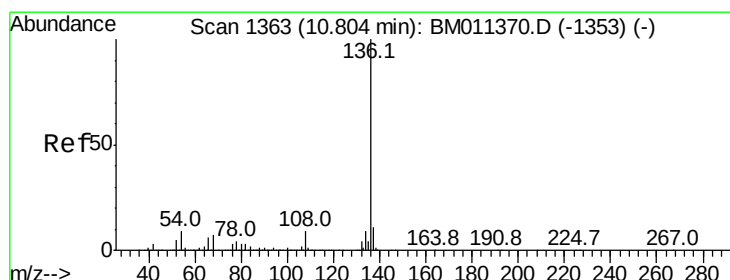
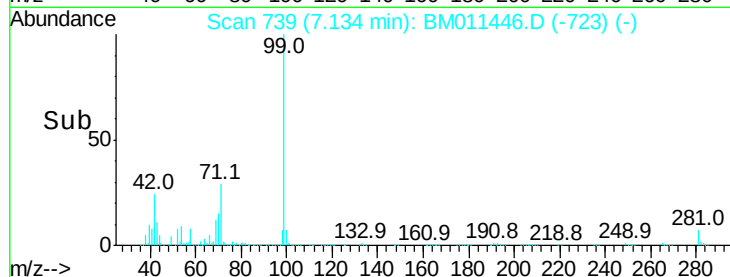
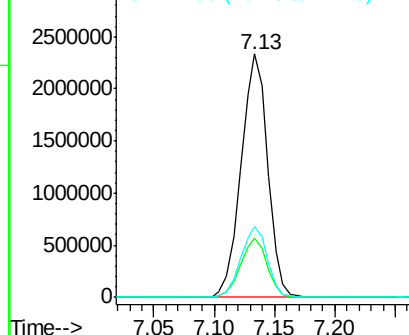
Ion	Ratio	Lower	Upper
99	100		
42	24.2	11.0	16.4#
71	29.3	23.4	35.2



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

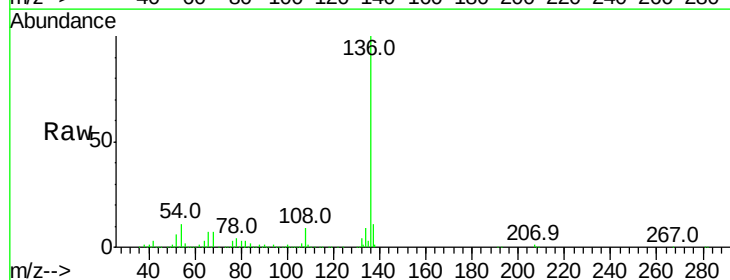
Delta R.T. -0.02 min

Lab File: BM011446.D

Acq: 05 Sep 2017 23:39

Tgt Ion: 136 Resp: 1525881

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	10.7	4.6	6.8#
68	7.1	3.7	5.5#

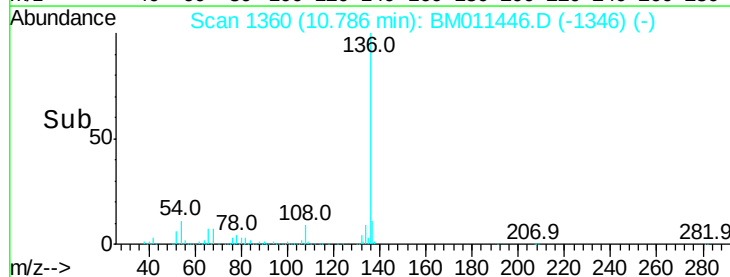
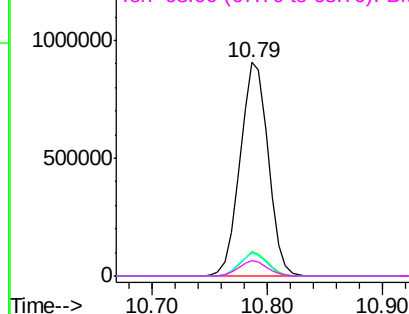


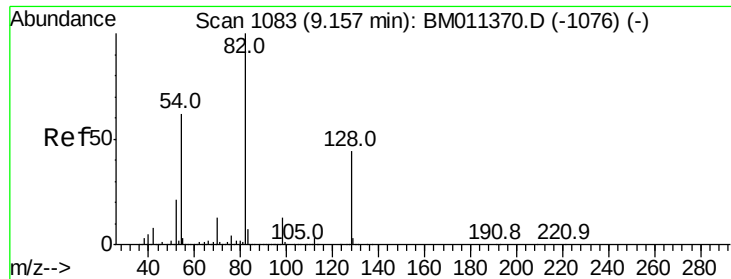
Abundance Ion 136.00 (135.70 to 136.70): BM011370.D (-1353) (-)

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) (-)



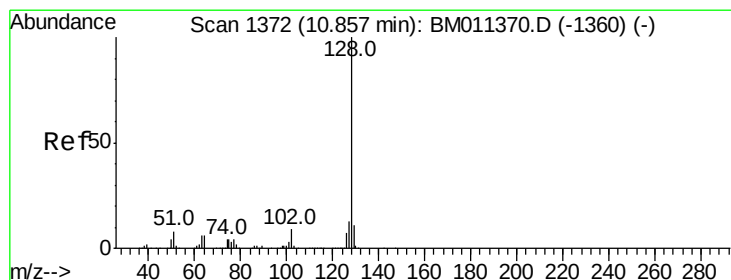
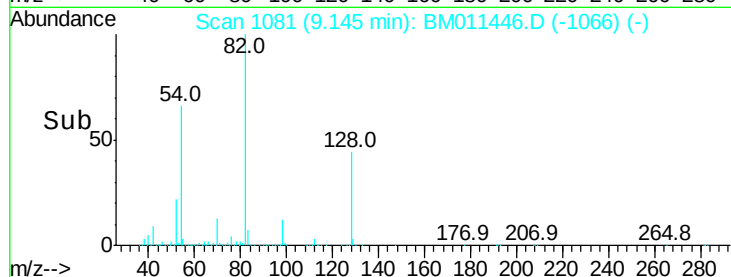
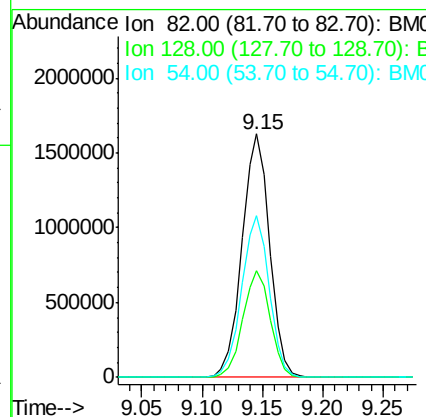
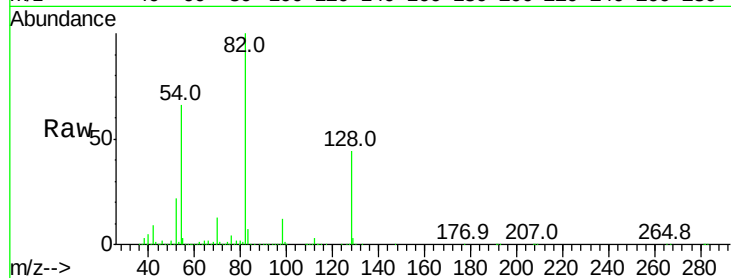


#23
 Nitrobenzene-d5
 Concen: 112.005 ng
 RT: 9.15 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BM011446.D
 Acq: 05 Sep 2017 23:39

Instrument :
 BNA_M
 ClientSampleId :
 AU-06-090117-A

Tot Ion: 82 Resp: 2593482

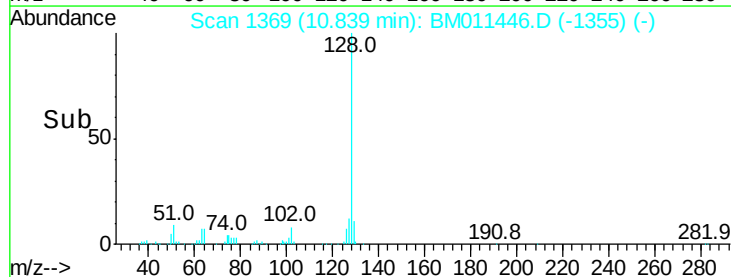
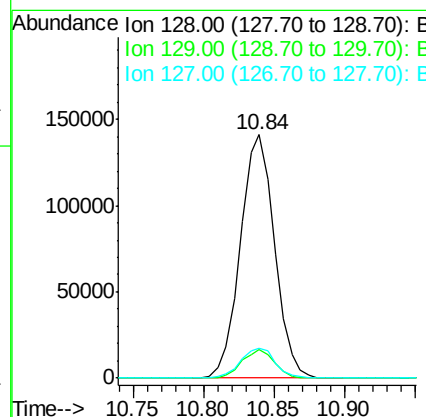
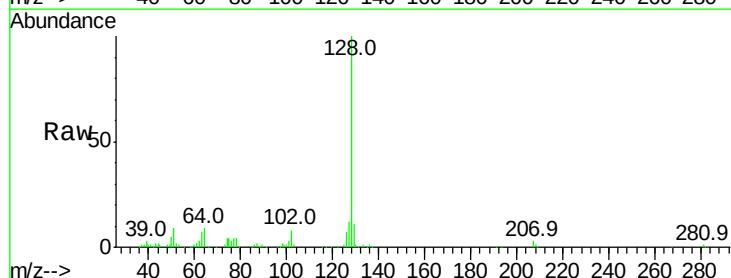
Ion	Ratio	Lower	Upper
82	100		
128	43.6	32.8	49.2
54	66.2	40.6	60.8#

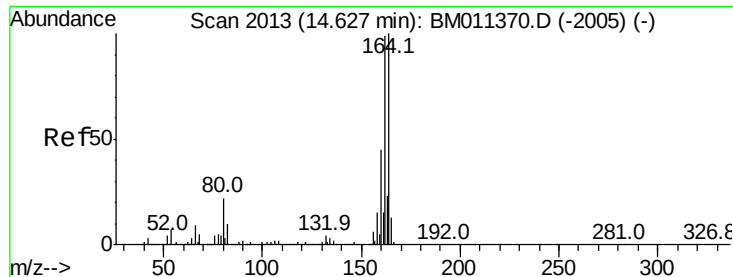


#31
 Naphthalene
 Concen: 2.904 ng
 RT: 10.84 min Scan# 1369
 Delta R.T. -0.02 min
 Lab File: BM011446.D
 Acq: 05 Sep 2017 23:39

Tgt Ion: 128 Resp: 239259

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.9	13.3
127	12.4	10.4	15.6





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 2010

Delta R.T. -0.02 min

Lab File: BM011446.D

Acq: 05 Sep 2017 23:39

Instrument :

BNA_M

ClientSampleId :

AU-06-090117-A

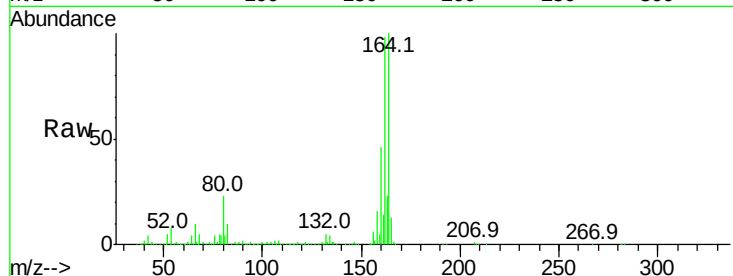
Tot Ion:164 Resp: 786087

Ion Ratio Lower Upper

164 100

162 98.5 82.4 123.6

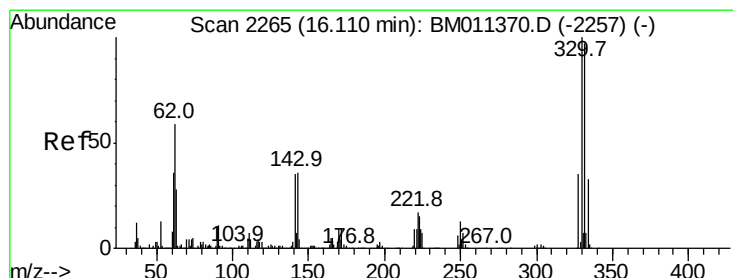
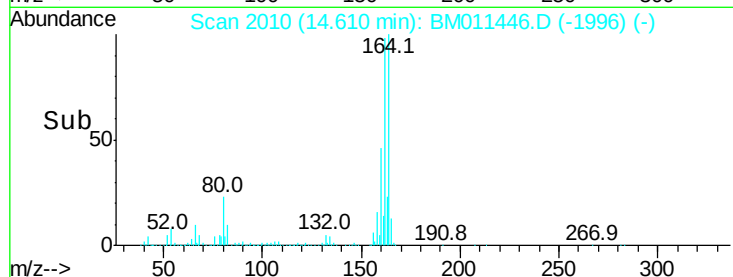
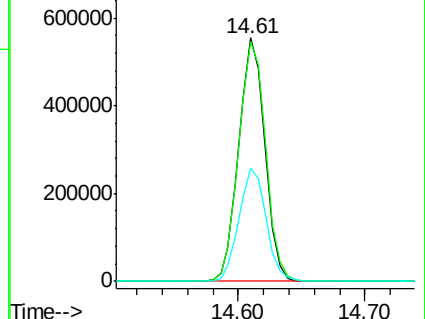
160 46.5 35.8 53.6



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: 162.308 ng

RT: 16.10 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BM011446.D

Acq: 05 Sep 2017 23:39

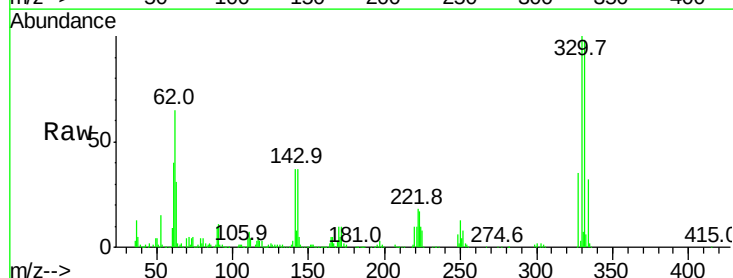
Tgt Ion:330 Resp: 1476141

Ion Ratio Lower Upper

330 100

332 96.9 0.0 0.0#

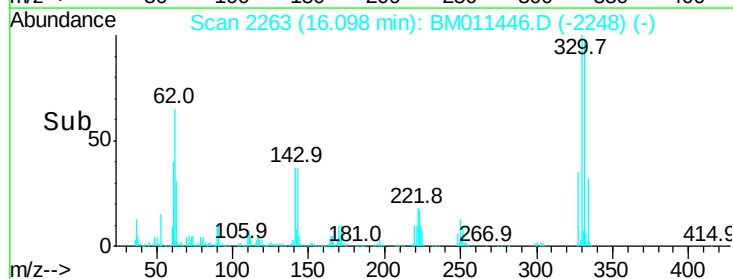
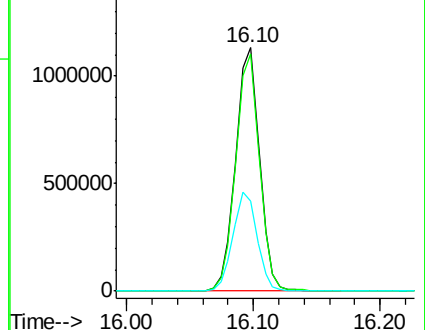
141 41.3 0.0 0.0#

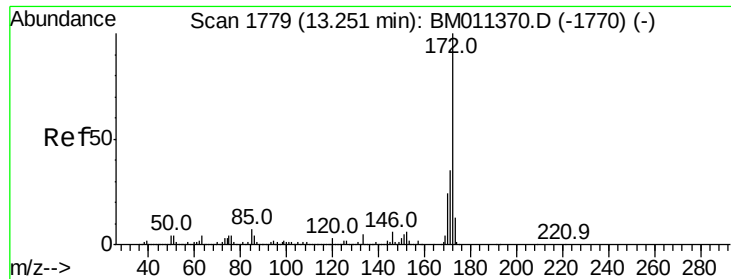


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



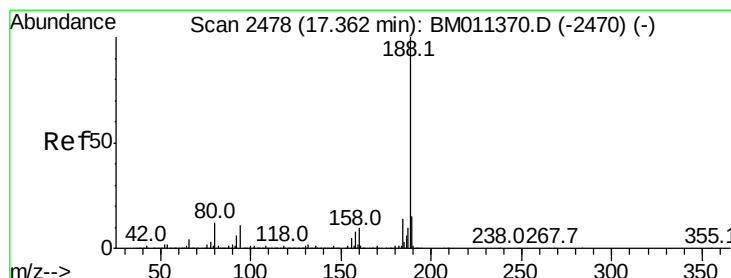
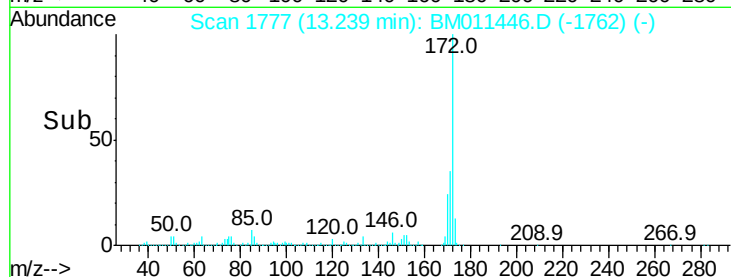
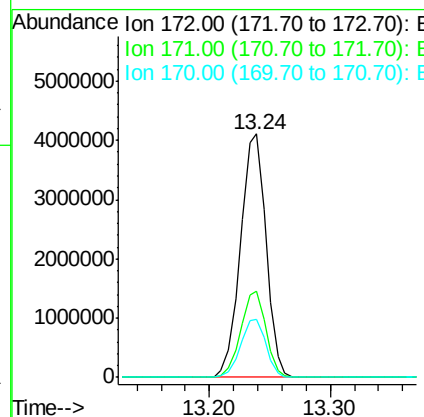
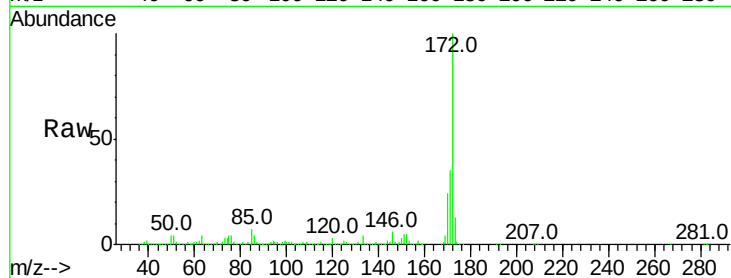


#44
 2-Fluorobiphenyl
 Concen: 111.195 ng
 RT: 13.24 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BM011446.D
 Acq: 05 Sep 2017 23:39

Instrument :
 BNA_M
 ClientSampleId :
 AU-06-090117-A

Tot Ion:172 Resp: 6063839

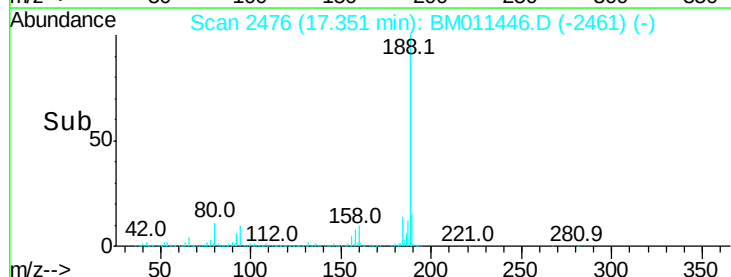
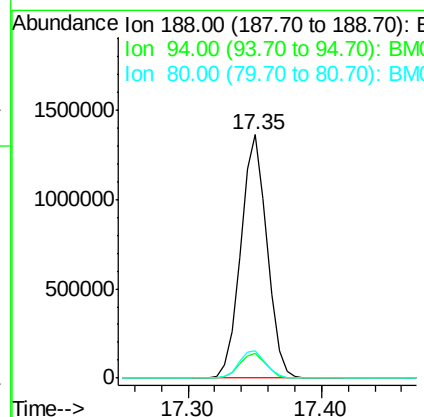
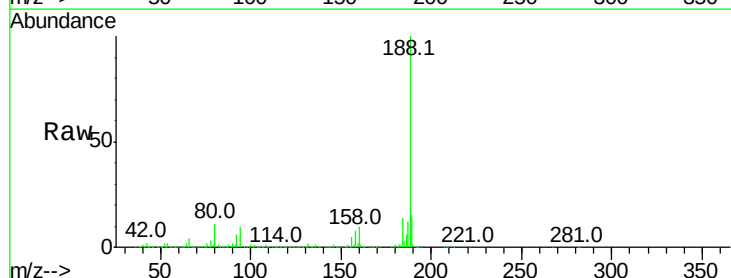
Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.9	18.8	28.2

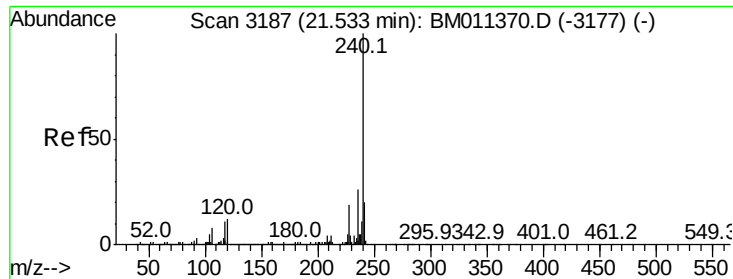


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.35 min Scan# 2476
 Delta R.T. -0.01 min
 Lab File: BM011446.D
 Acq: 05 Sep 2017 23:39

Tgt Ion:188 Resp: 1853498

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.7	13.1
80	11.3	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: BM011446.D

Acq: 05 Sep 2017 23:39

Instrument :

BNA_M

ClientSampleId :

AU-06-090117-A

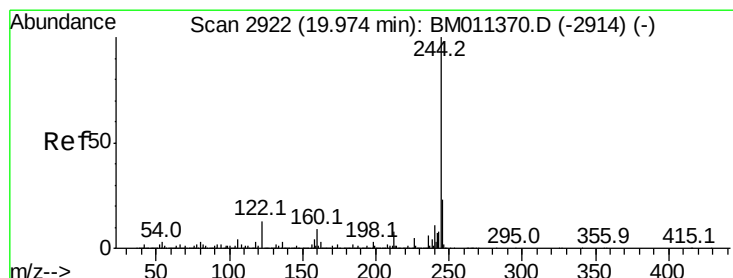
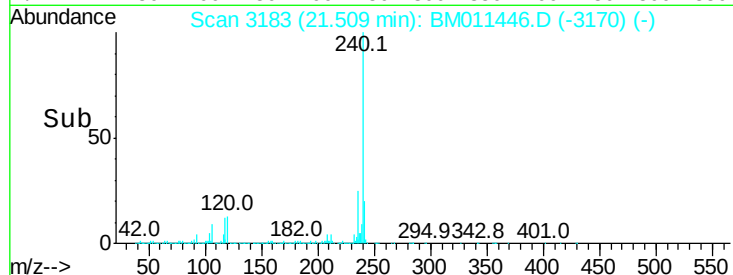
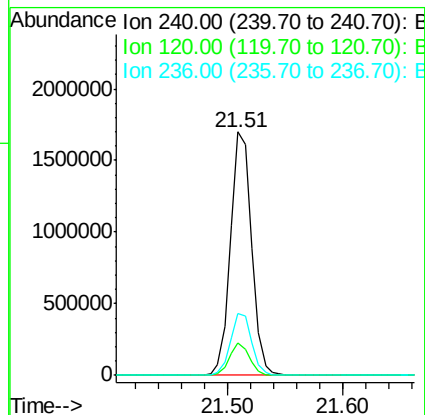
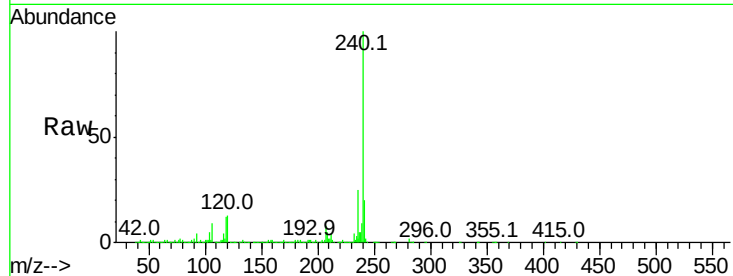
Tot Ion:240 Resp: 2155442

Ion Ratio Lower Upper

240 100

120 13.5 8.2 12.2#

236 25.3 20.0 30.0



#78

Terphenyl-d14

Concen: 108.391 ng

RT: 19.96 min Scan# 2919

Delta R.T. -0.02 min

Lab File: BM011446.D

Acq: 05 Sep 2017 23:39

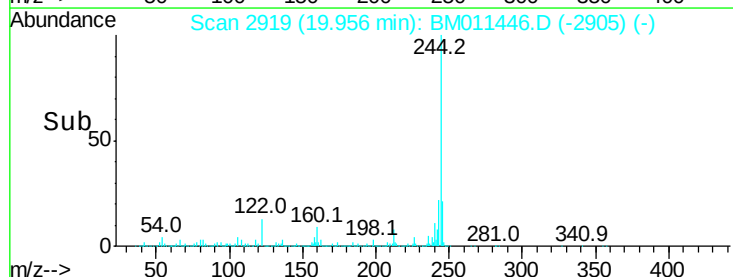
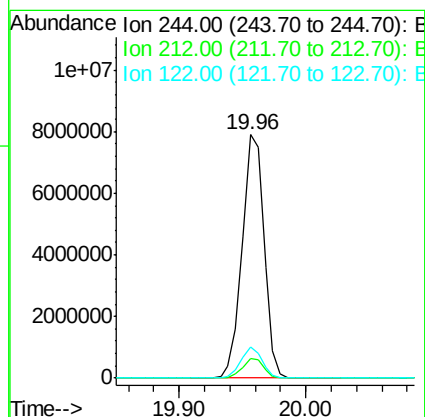
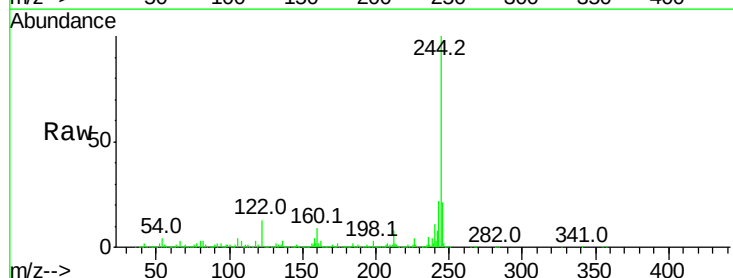
Tgt Ion:244 Resp: 9415993

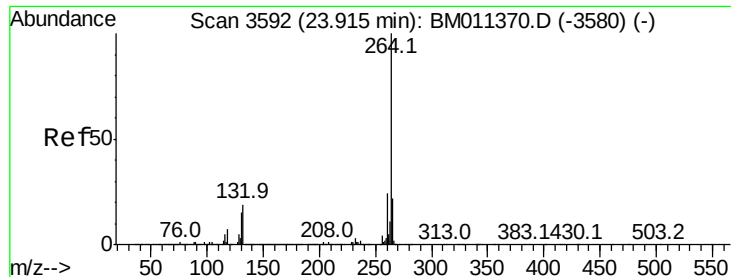
Ion Ratio Lower Upper

244 100

212 8.0 4.9 7.3#

122 12.7 6.2 9.4#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.89 min Scan# 3588
 Delta R.T. -0.02 min
 Lab File: BM011446.D
 Acq: 05 Sep 2017 23:39

Instrument :
 BNA_M
 ClientSampleId :
 AU-06-090117-A

Tot Ion:264 Resp: 1853574
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 27.8
 265 21.4 17.3 25.9

