

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
 Data File : BM011383.D
 Acq On : 31 Aug 2017 21:56
 Operator : SJ/JU
 Sample : I4963-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 3822-PP3

Quant Time: Sep 01 06:59:38 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	7.99	152	480166	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	2075913	20.00	ng	0.00
38) Acenaphthene-d10	14.62	164	1191869	20.00	ng	0.00
63) Phenanthrene-d10	17.36	188	2686483	20.00	ng	0.00
75) Chrysene-d12	21.52	240	3118177	20.00	ng	-0.01
86) Perylene-d12	23.90	264	2917820	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	2012259	70.54	ng	0.00
7) Phenol-d6	7.13	99	1634107	41.31	ng	0.00
23) Nitrobenzene-d5	9.16	82	3158855	100.28	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	2005247	145.42	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	7919712	95.78	ng	0.00
78) Terphenyl-d14	19.97	244	10975144	87.33	ng	0.00

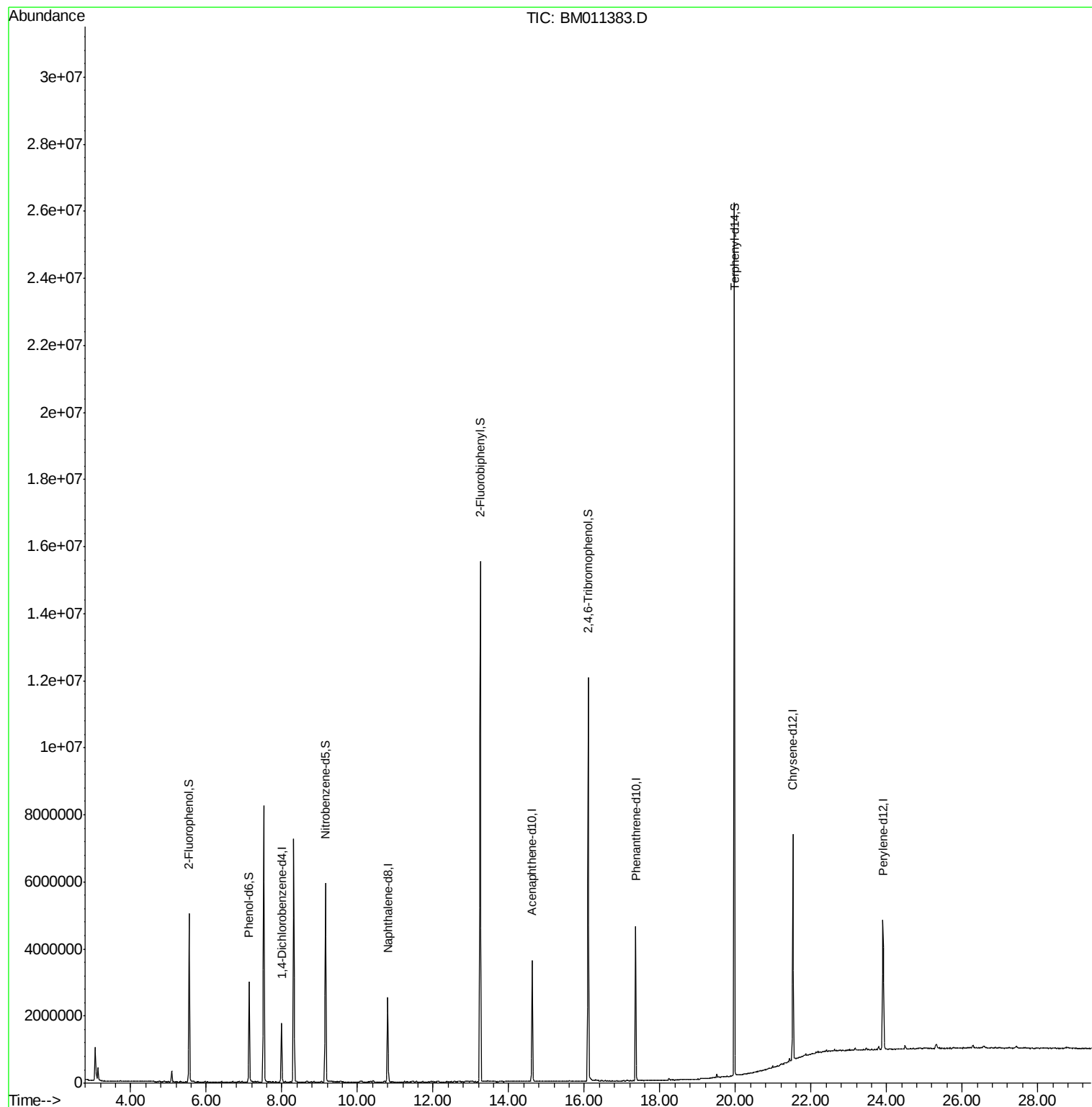
Target Compounds Qvalue

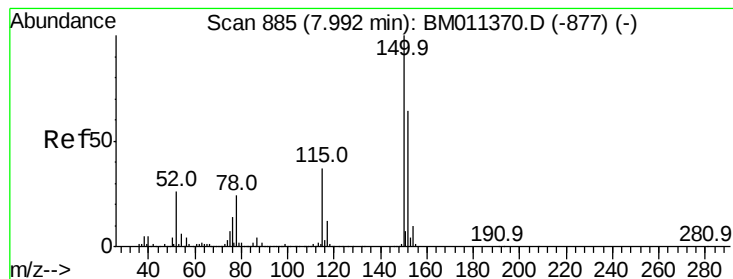
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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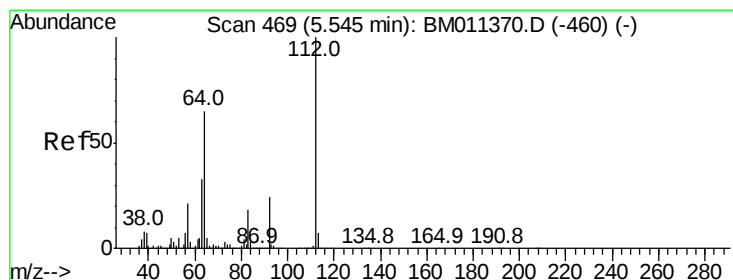
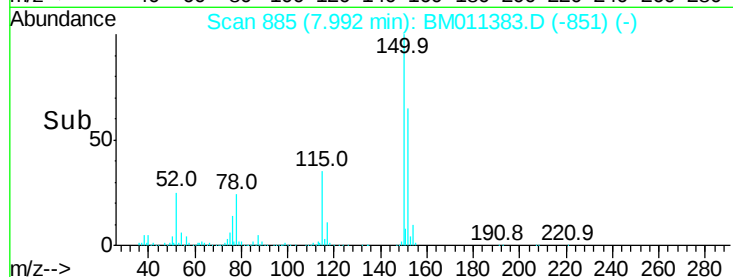
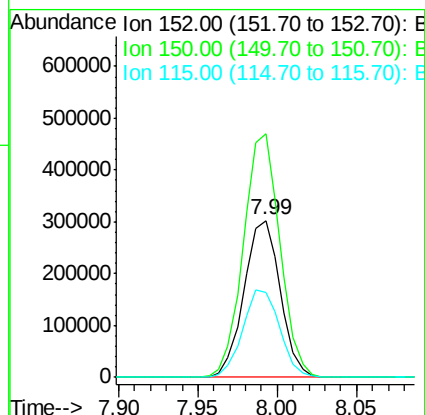
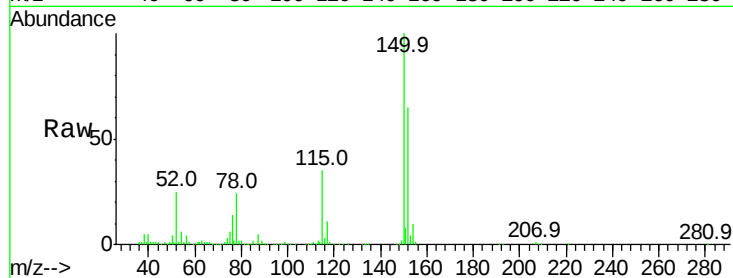


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 885
Delta R.T. 0.00 min
Lab File: BM011383.D
Acq: 31 Aug 2017 21:56

Instrument :
BNA_M
ClientSampleId :
3822-PP3

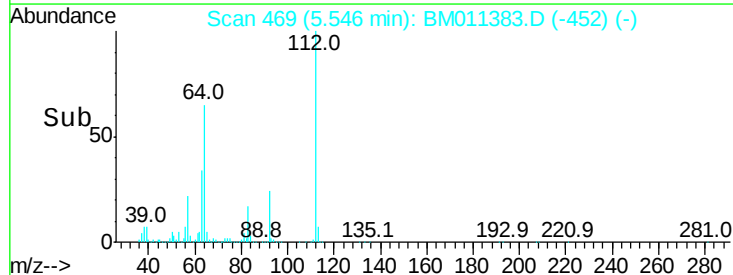
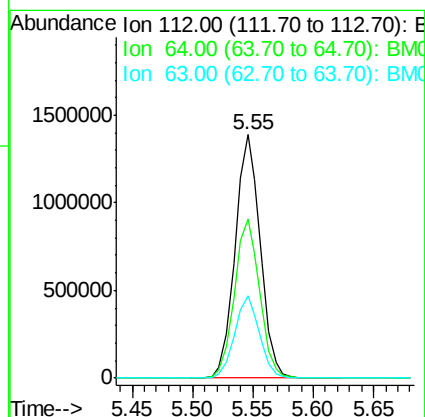
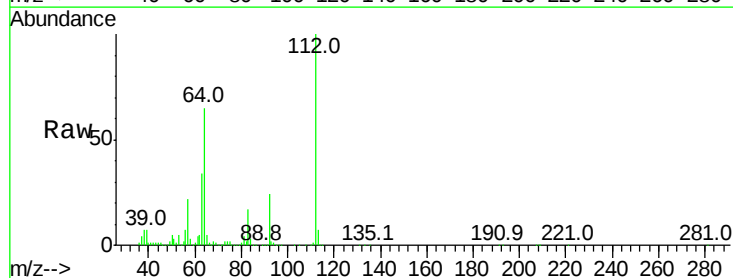
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	119.5	179.3
115	53.8	43.0	64.4

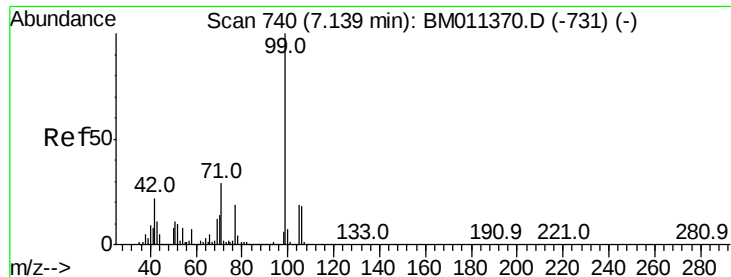


#5

2-Fluorophenol
Concen: 70.542 ng
RT: 5.55 min Scan# 469
Delta R.T. 0.00 min
Lab File: BM011383.D
Acq: 31 Aug 2017 21:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.3	38.6	57.8#
63	33.6	19.3	28.9#





#7

Phenol-d6

Concen: 41.313 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011383.D

Acq: 31 Aug 2017 21:56

Instrument :

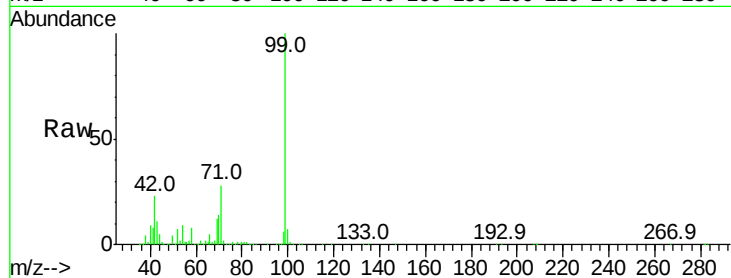
BNA_M

ClientSampleId :

3822-PP3

Tot Ion: 99 Resp: 1634107

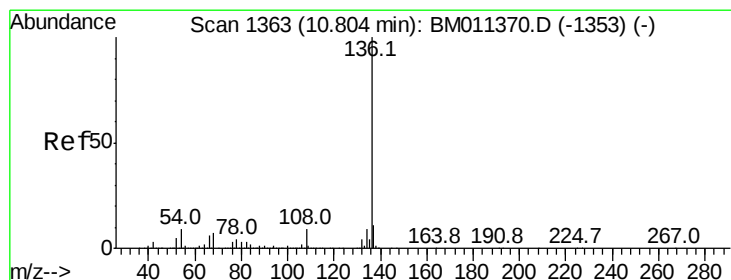
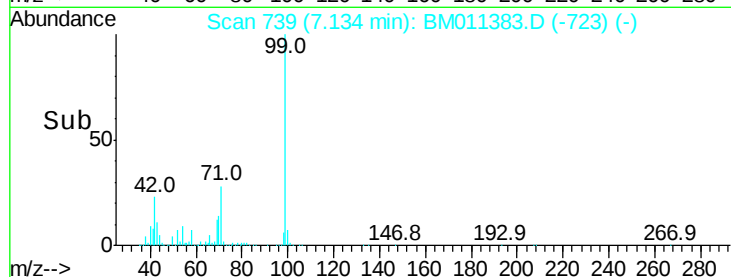
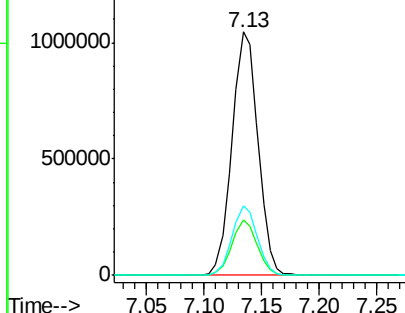
Ion	Ratio	Lower	Upper
99	100		
42	22.9	11.0	16.4#
71	28.5	23.4	35.2



Abundance Ion 99.00 (98.70 to 99.70): BM011383.D (-723) (-)

Ion 42.00 (41.70 to 42.70): BM011383.D (-723) (-)

Ion 71.00 (70.70 to 71.70): BM011383.D (-723) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1362

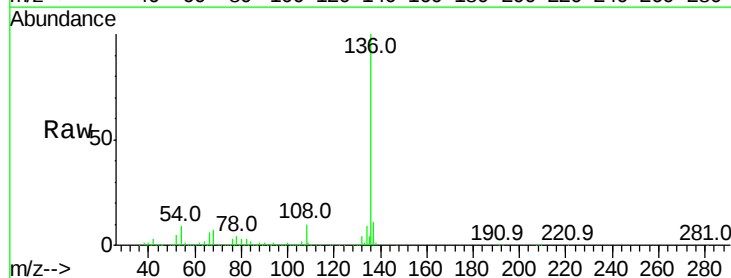
Delta R.T. -0.01 min

Lab File: BM011383.D

Acq: 31 Aug 2017 21:56

Tgt Ion: 136 Resp: 2075913

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.2	4.6	6.8#
68	7.3	3.7	5.5#

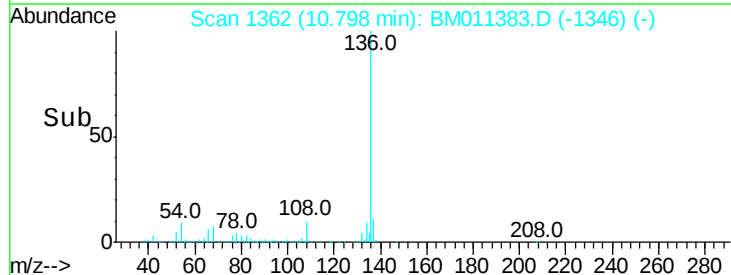
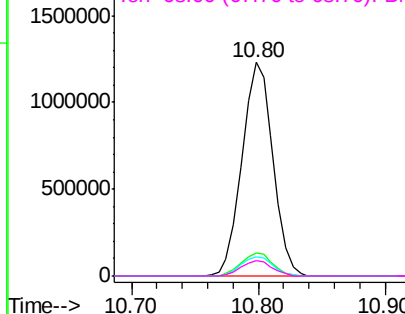


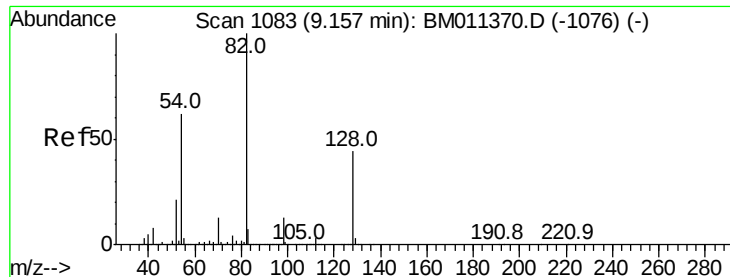
Abundance Ion 136.00 (135.70 to 136.70): BM011383.D (-1346) (-)

Ion 137.00 (136.70 to 137.70): BM011383.D (-1346) (-)

Ion 54.00 (53.70 to 54.70): BM011383.D (-1346) (-)

Ion 68.00 (67.70 to 68.70): BM011383.D (-1346) (-)



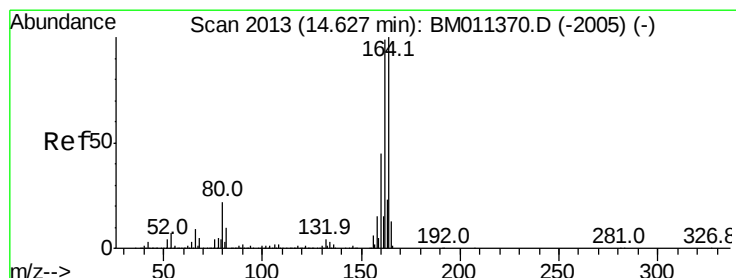
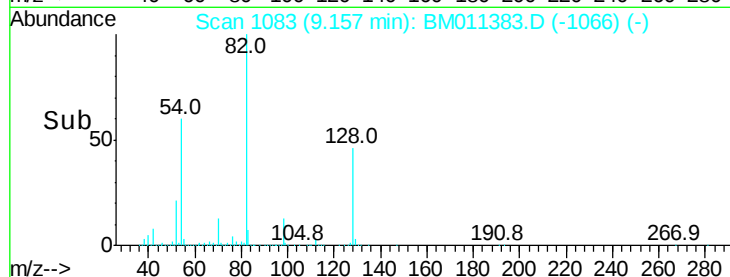
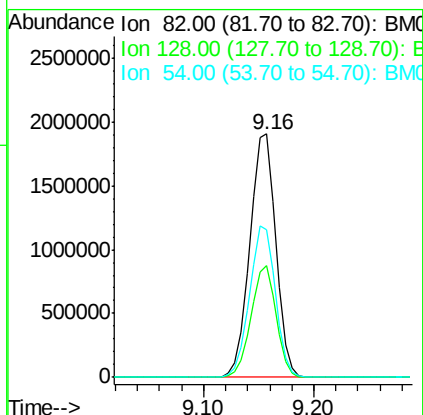
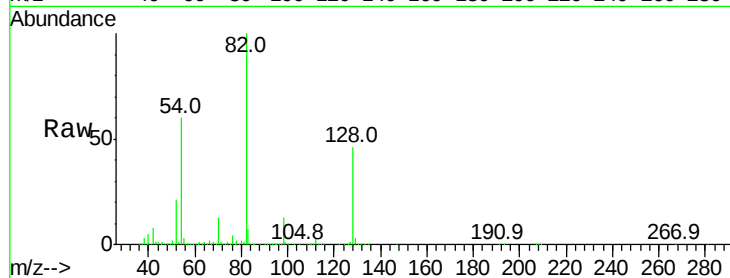


#23
 Nitrobenzene-d5
 Concen: 100.275 ng
 RT: 9.16 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: BM011383.D
 Acq: 31 Aug 2017 21:56

Instrument :
 BNA_M
 ClientSampleId :
 3822-PP3

Tot Ion: 82 Resp: 3158855

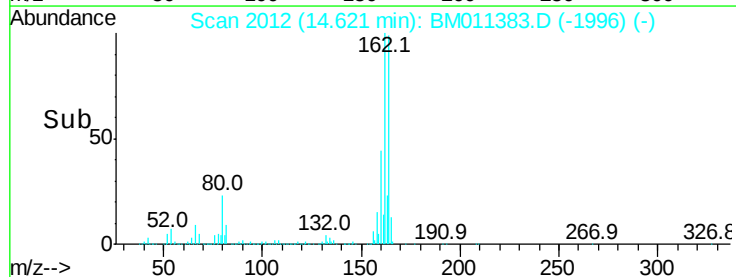
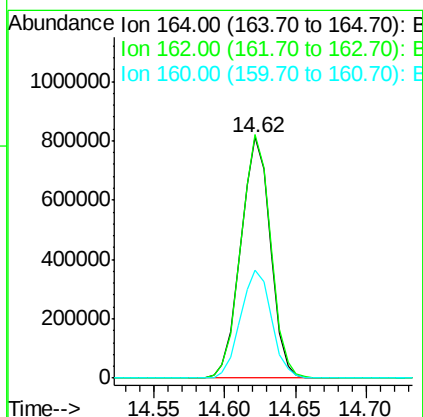
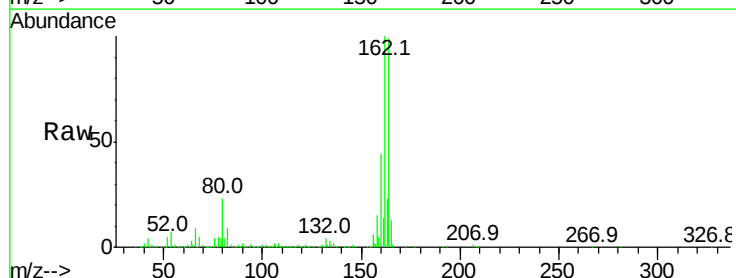
Ion	Ratio	Lower	Upper
82	100		
128	45.7	32.8	49.2
54	60.4	40.6	60.8

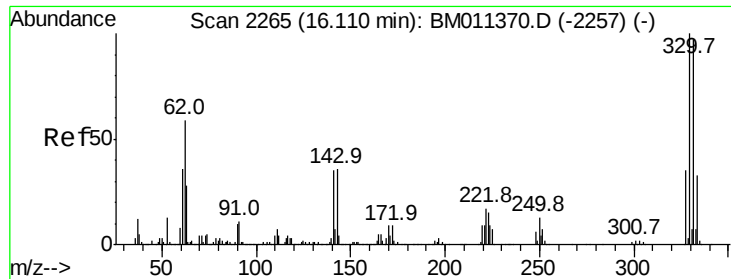


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BM011383.D
 Acq: 31 Aug 2017 21:56

Tgt Ion: 164 Resp: 1191869

Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.4	123.6
160	44.6	35.8	53.6

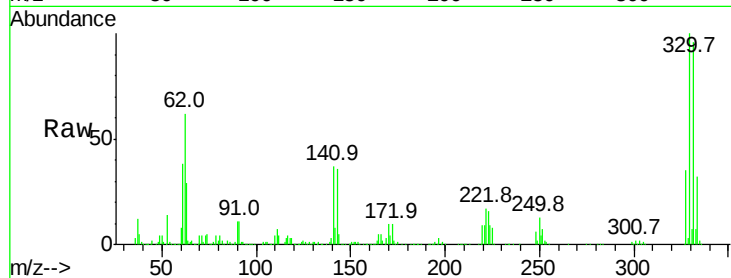




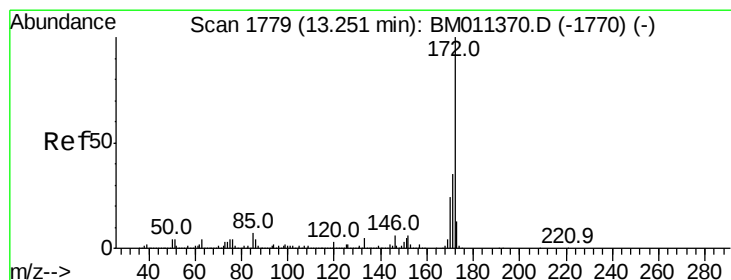
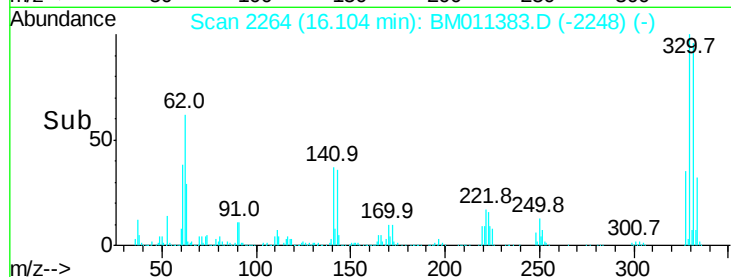
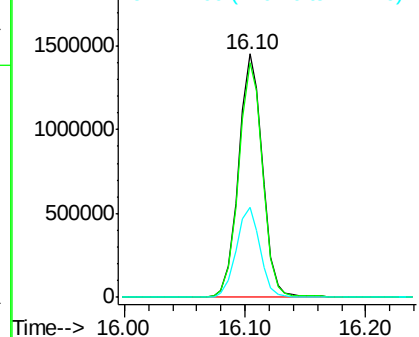
#41
 2,4,6-Tribromophenol
 Concen: 145.419 ng
 RT: 16.10 min Scan# 2264
 Delta R.T. -0.01 min
 Lab File: BM011383.D
 Acq: 31 Aug 2017 21:56

Instrument :
 BNA_M
 ClientSampleId :
 3822-PP3

Tot Ion:330 Resp: 2005247
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 37.0 0.0 0.0#

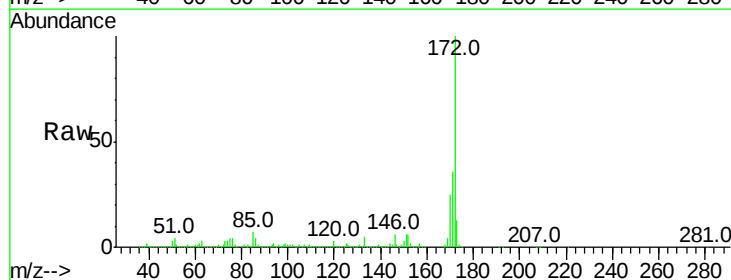


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

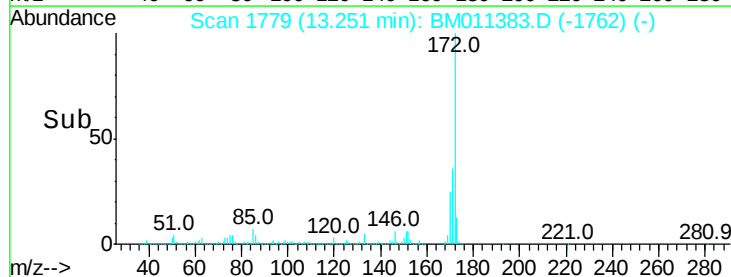
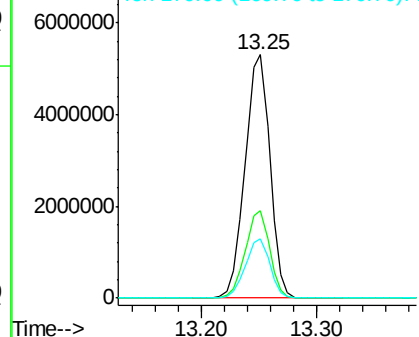


#44
 2-Fluorobiphenyl
 Concen: 95.783 ng
 RT: 13.25 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BM011383.D
 Acq: 31 Aug 2017 21:56

Tgt Ion:172 Resp: 7919712
 Ion Ratio Lower Upper
 172 100
 171 35.7 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: 17.36 min Scan# 2478

Delta R.T. 0.00 min

Lab File: BM011383.D

Acq: 31 Aug 2017 21:56

Instrument :

BNA_M

ClientSampleId :

3822-PP3

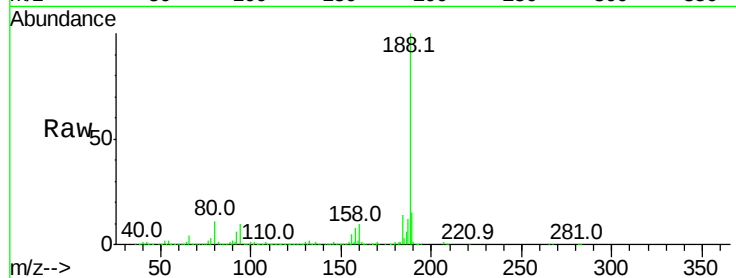
Tot Ion:188 Resp: 2686483

Ion Ratio Lower Upper

188 100

94 10.4 8.7 13.1

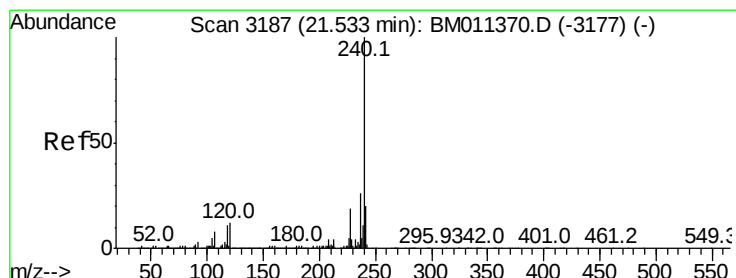
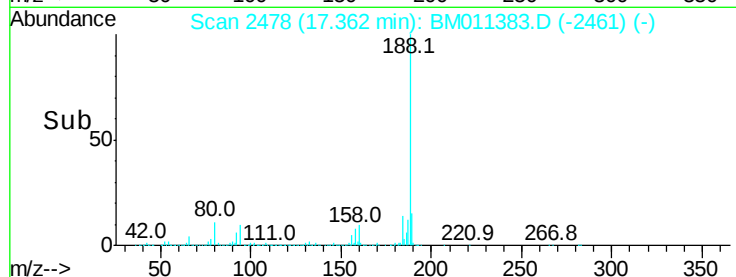
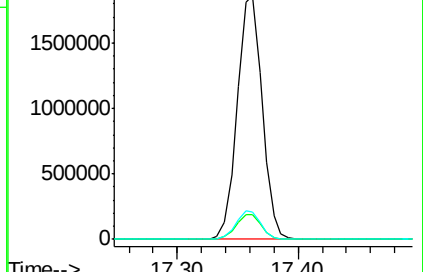
80 11.4 9.3 13.9



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: 21.52 min Scan# 3185

Delta R.T. -0.01 min

Lab File: BM011383.D

Acq: 31 Aug 2017 21:56

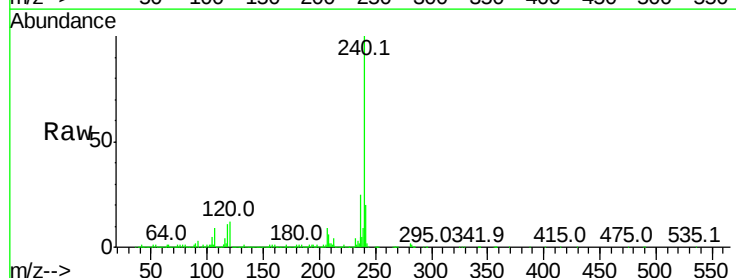
Tgt Ion:240 Resp: 3118177

Ion Ratio Lower Upper

240 100

120 12.1 8.2 12.2

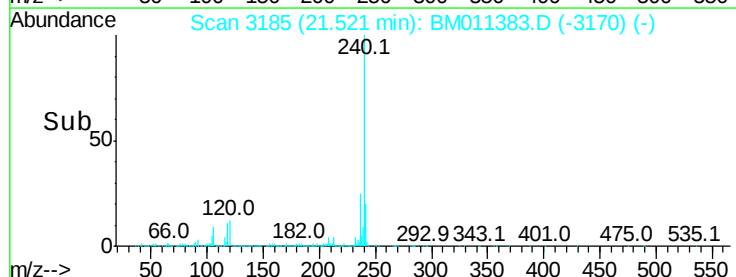
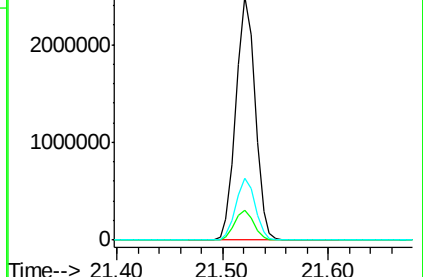
236 25.3 20.0 30.0

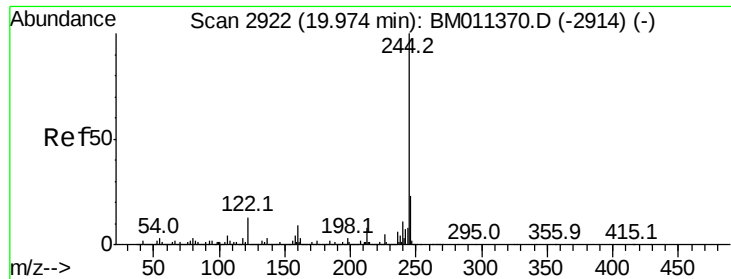


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

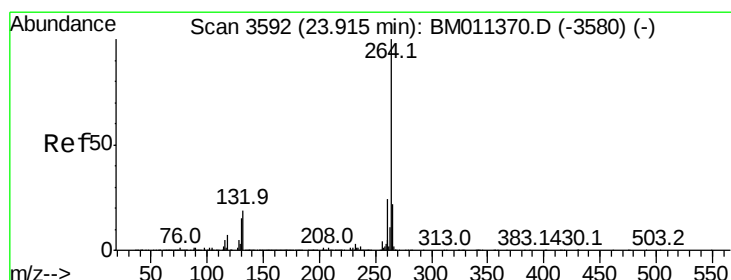
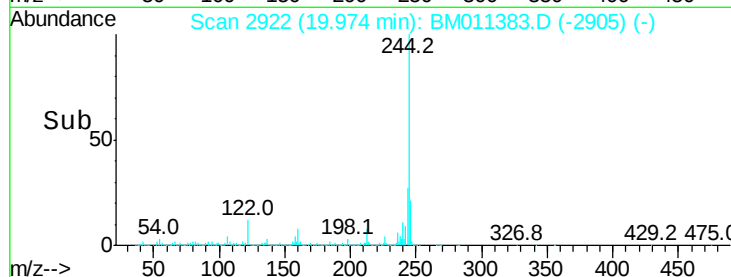
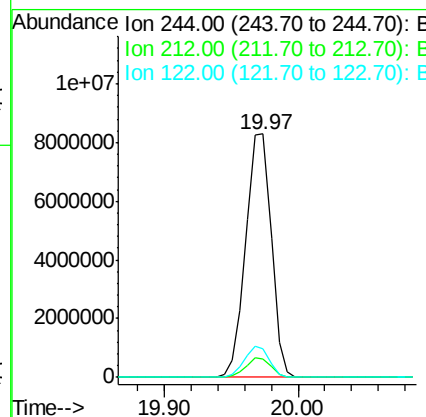
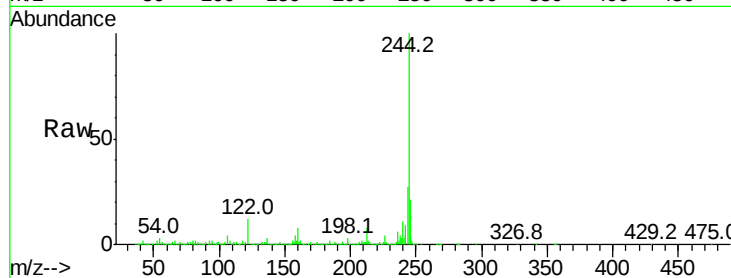




#78
 Terphenyl-d14
 Concen: 87.332 ng
 RT: 19.97 min Scan# 2922
 Delta R.T. 0.00 min
 Lab File: BM011383.D
 Acq: 31 Aug 2017 21:56

Instrument :
 BNA_M
 ClientSampled :
 3822-PP3

Tot Ion:244 Resp:10975144
 Ion Ratio Lower Upper
 244 100
 212 7.7 4.9 7.3#
 122 11.7 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.90 min Scan# 3590
 Delta R.T. -0.01 min
 Lab File: BM011383.D
 Acq: 31 Aug 2017 21:56

Tgt Ion:264 Resp: 2917820
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 22.2 17.3 25.9

