

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
 Data File : BM011390.D
 Acq On : 01 Sep 2017 02:09
 Operator : SJ/JU
 Sample : I4963-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 3827-SPP4

Quant Time: Sep 01 08:00:39 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	545688	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	2422036	20.00	ng	0.00
38) Acenaphthene-d10	14.62	164	1377783	20.00	ng	0.00
63) Phenanthrene-d10	17.36	188	3042766	20.00	ng	0.00
75) Chrysene-d12	21.52	240	3449803	20.00	ng	-0.01
86) Perylene-d12	23.90	264	3099866	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	2076457	64.05	ng	0.00
7) Phenol-d6	7.13	99	1653646	36.79	ng	0.00
23) Nitrobenzene-d5	9.15	82	3654554	99.43	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	2273594	142.63	ng	0.00
44) 2-Fluorobiphenyl	13.24	172	9100795	95.22	ng	0.00
78) Terphenyl-d14	19.97	244	11933657	85.83	ng	0.00

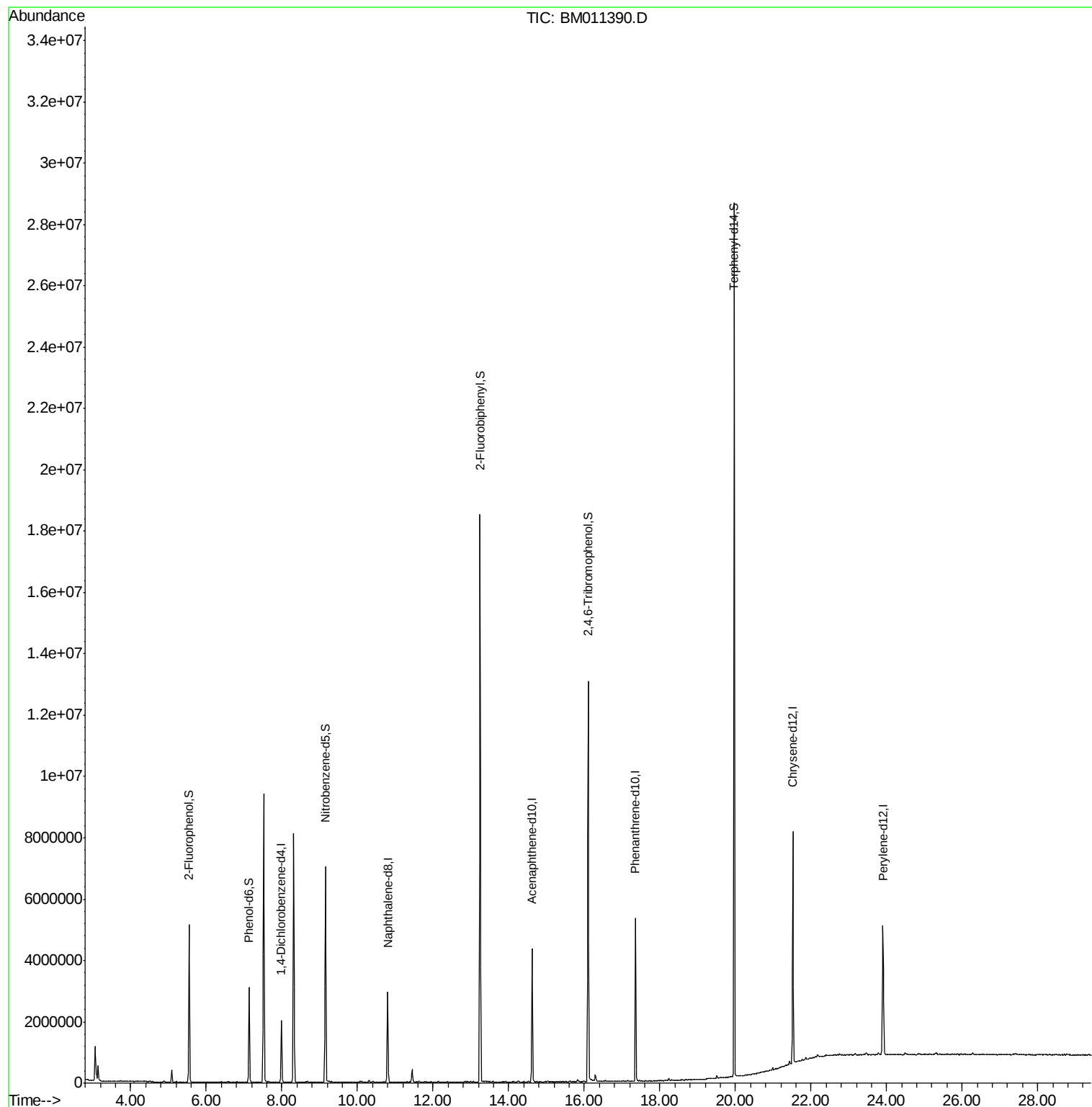
Target Compounds Qvalue

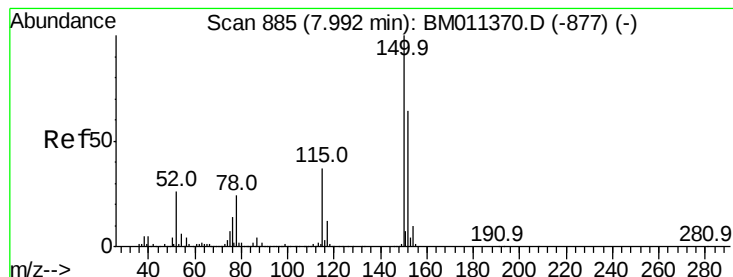
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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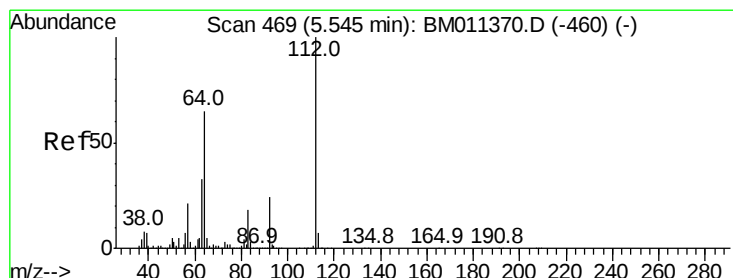
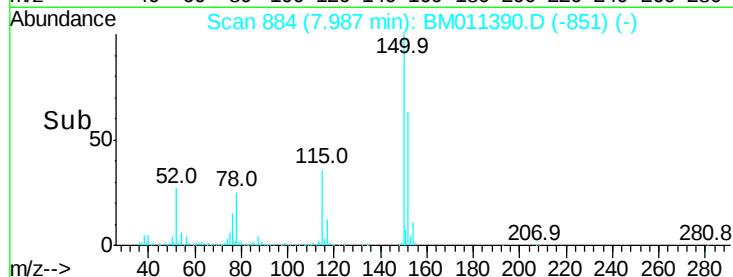
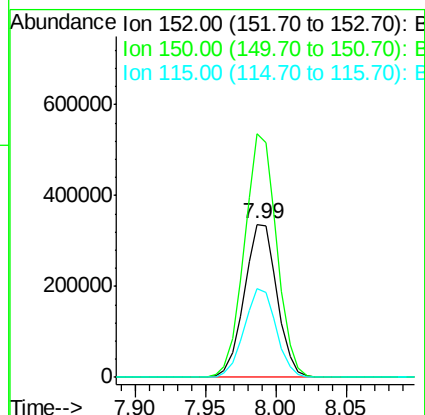
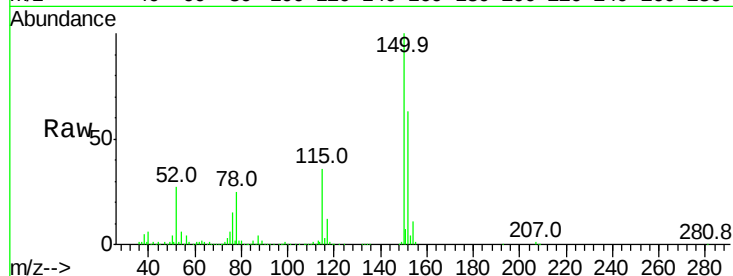


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM011390.D
Acq: 01 Sep 2017 02:09

Instrument :
BNA_M
ClientSampleId :
3827-SPP4

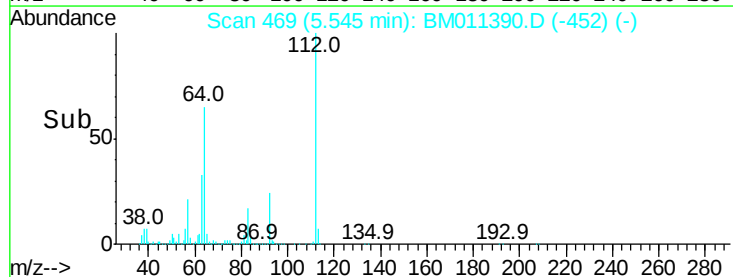
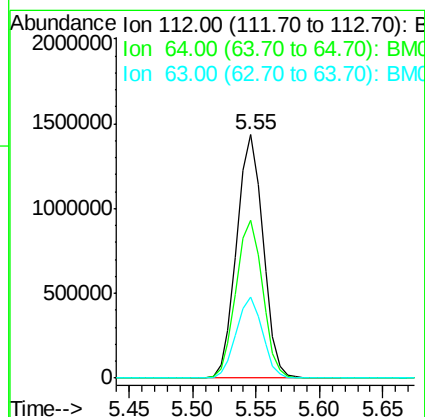
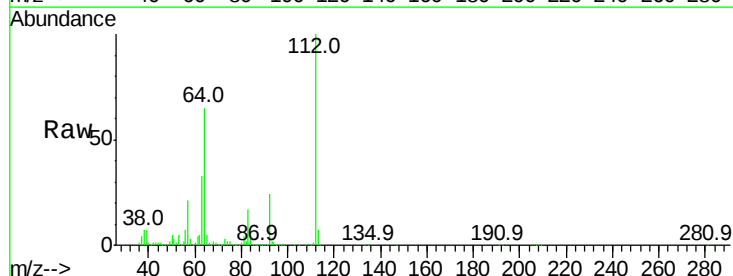
Tot Ion:152 Resp: 545688
Ion Ratio Lower Upper
152 100
150 159.0 119.5 179.3
115 57.7 43.0 64.4

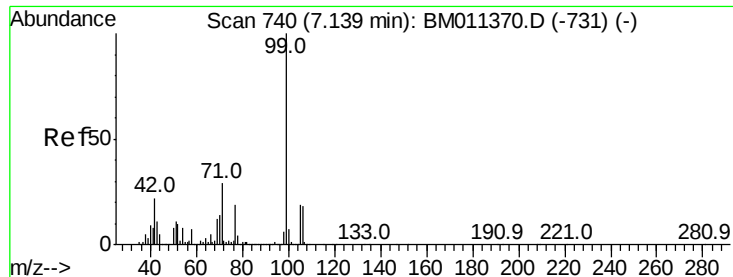


#5

2-Fluorophenol
Concen: 64.052 ng
RT: 5.55 min Scan# 469
Delta R.T. 0.00 min
Lab File: BM011390.D
Acq: 01 Sep 2017 02:09

Tgt Ion:112 Resp: 2076457
Ion Ratio Lower Upper
112 100
64 64.8 38.6 57.8#
63 33.2 19.3 28.9#





#7

Phenol-d6

Concen: 36.787 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011390.D

Acq: 01 Sep 2017 02:09

Instrument :

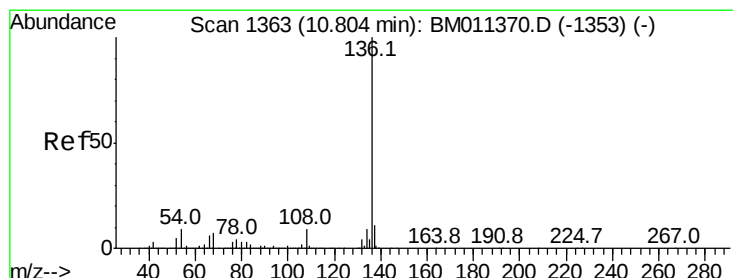
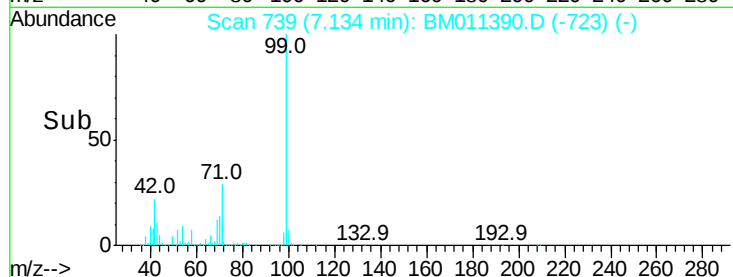
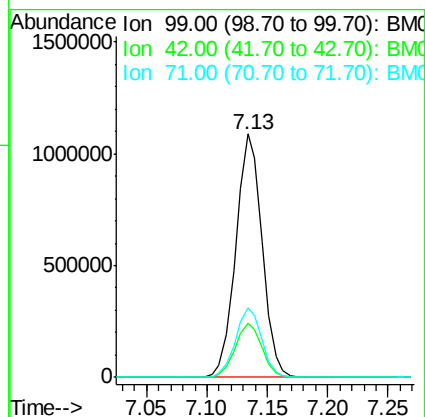
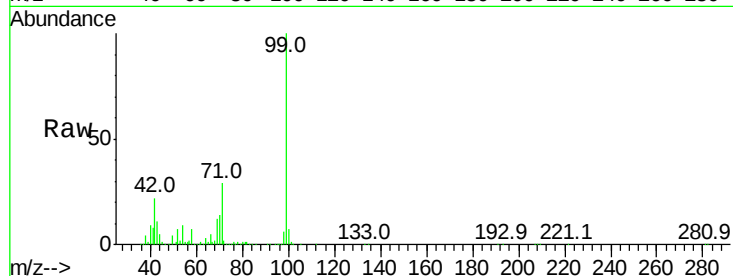
BNA_M

ClientSampleId :

3827-SPP4

Tot Ion: 99 Resp: 1653646

Ion	Ratio	Lower	Upper
99	100		
42	22.5	11.0	16.4#
71	28.7	23.4	35.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1362

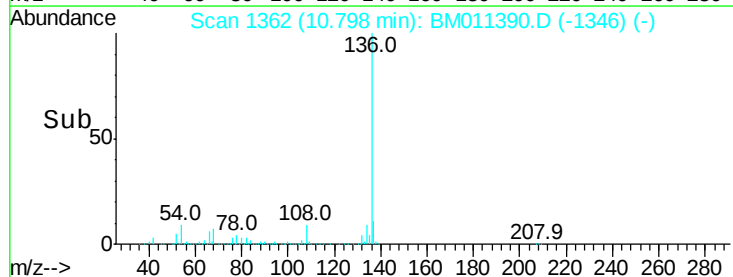
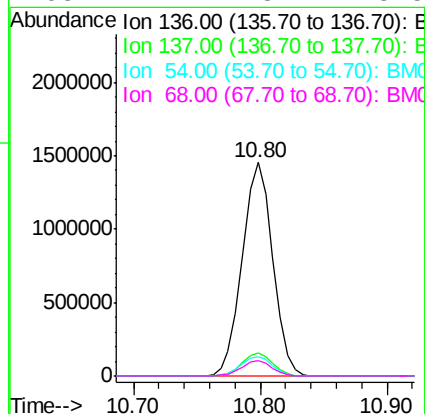
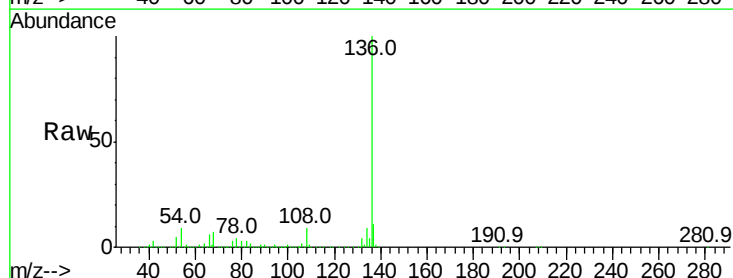
Delta R.T. -0.01 min

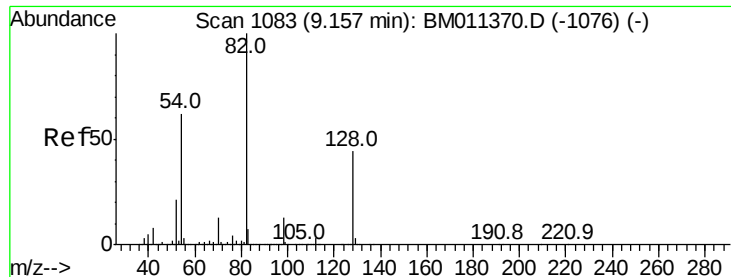
Lab File: BM011390.D

Acq: 01 Sep 2017 02:09

Tgt Ion: 136 Resp: 2422036

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.1	4.6	6.8#
68	7.1	3.7	5.5#



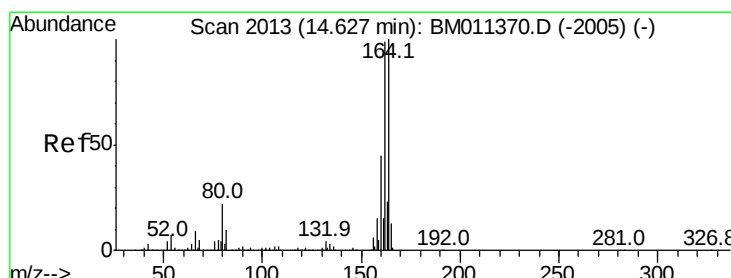
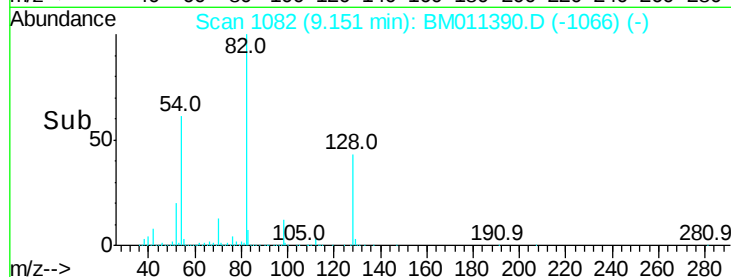
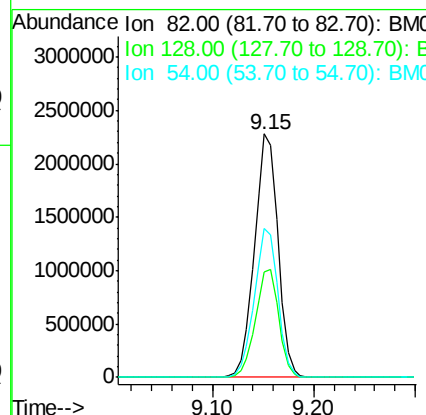
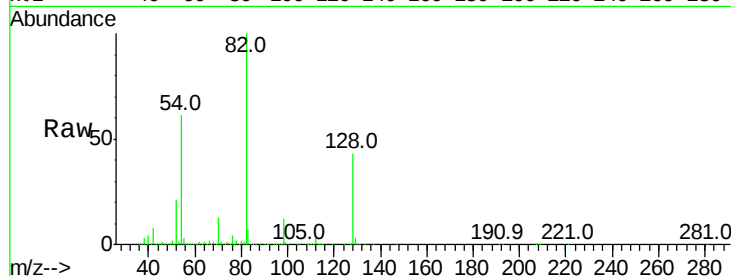


#23
 Nitrobenzene-d5
 Concen: 99.432 ng
 RT: 9.15 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BM011390.D
 Acq: 01 Sep 2017 02:09

Instrument :
 BNA_M
 ClientSampleId :
 3827-SPP4

Tot Ion: 82 Resp: 3654554

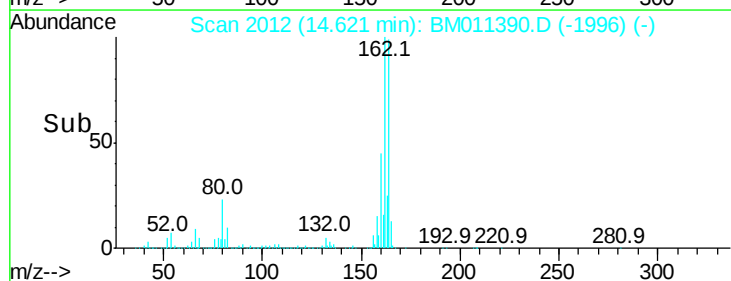
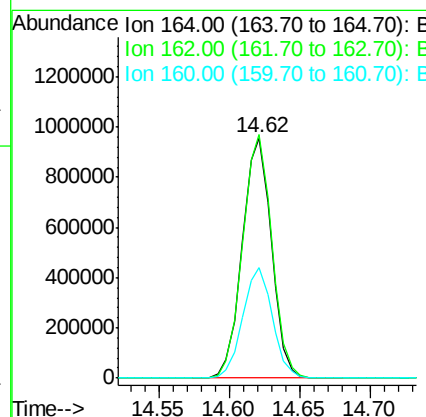
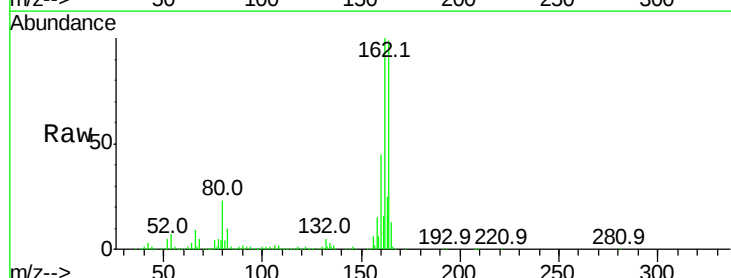
Ion	Ratio	Lower	Upper
82	100		
128	43.4	32.8	49.2
54	61.2	40.6	60.8#

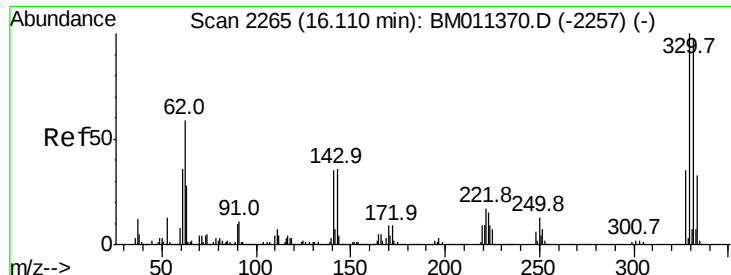


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BM011390.D
 Acq: 01 Sep 2017 02:09

Tgt Ion: 164 Resp: 1377783

Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.4	123.6
160	45.8	35.8	53.6

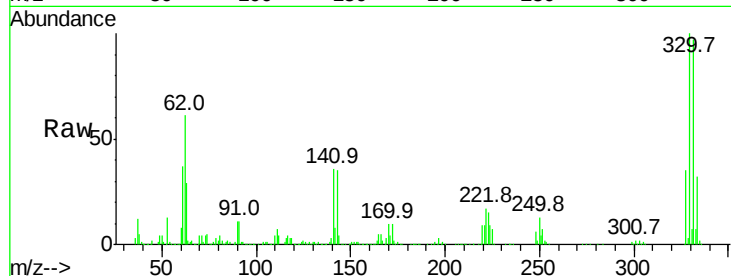




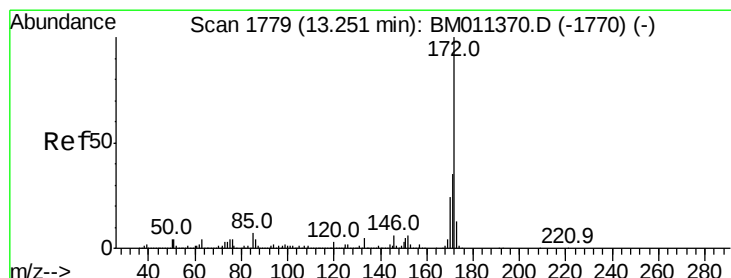
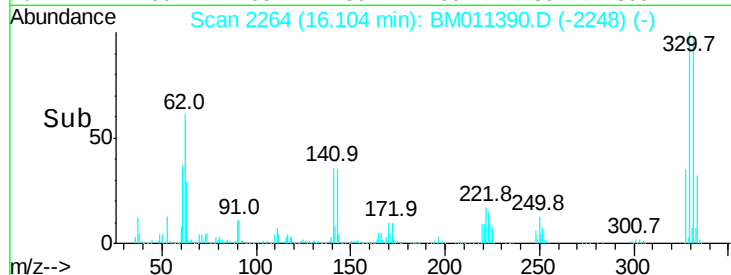
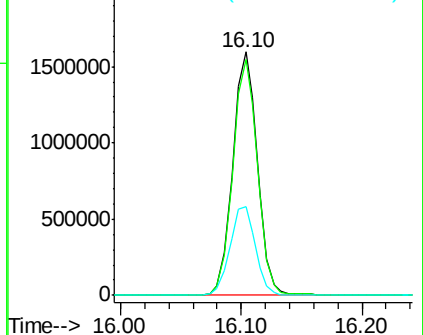
#41
 2,4,6-Tribromophenol
 Concen: 142.631 ng
 RT: 16.10 min Scan# 2264
 Delta R.T. -0.01 min
 Lab File: BM011390.D
 Acq: 01 Sep 2017 02:09

Instrument :
 BNA_M
 ClientSampleId :
 3827-SPP4

Tot Ion:330 Resp: 2273594
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 37.6 0.0 0.0#

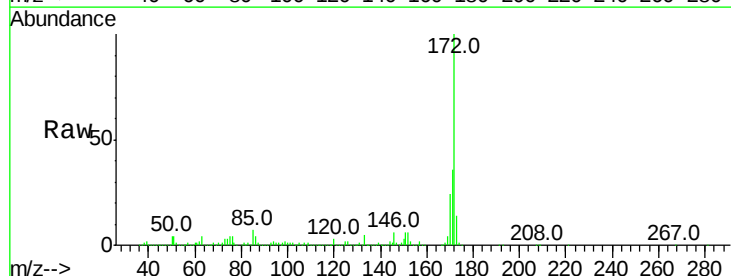


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

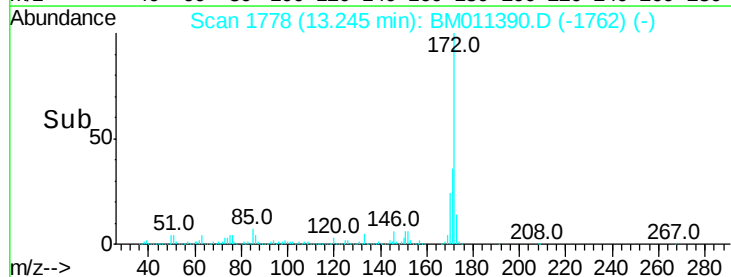
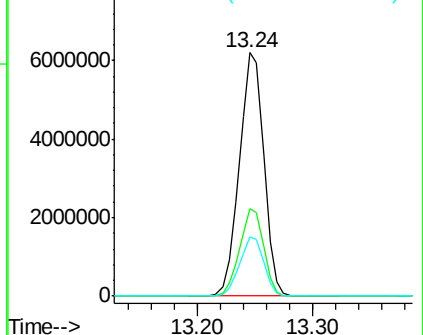


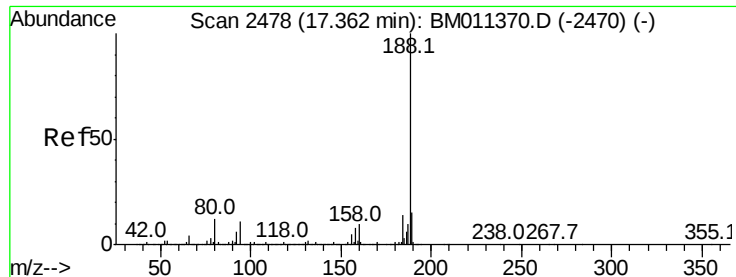
#44
 2-Fluorobiphenyl
 Concen: 95.215 ng
 RT: 13.24 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BM011390.D
 Acq: 01 Sep 2017 02:09

Tgt Ion:172 Resp: 9100795
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 24.2 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# 2477

Delta R.T. -0.01 min

Lab File: BM011390.D

Acq: 01 Sep 2017 02:09

Instrument :

BNA_M

ClientSampled :

3827-SPP4

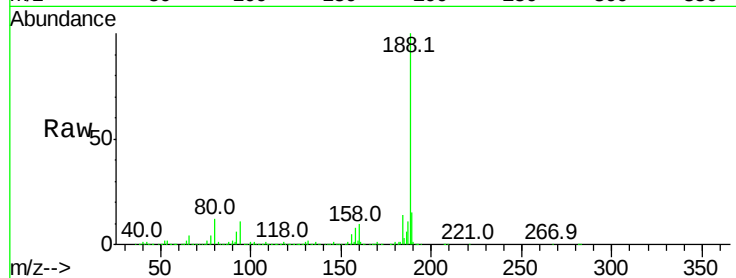
Tot Ion:188 Resp: 3042766

Ion Ratio Lower Upper

188 100

94 10.5 8.7 13.1

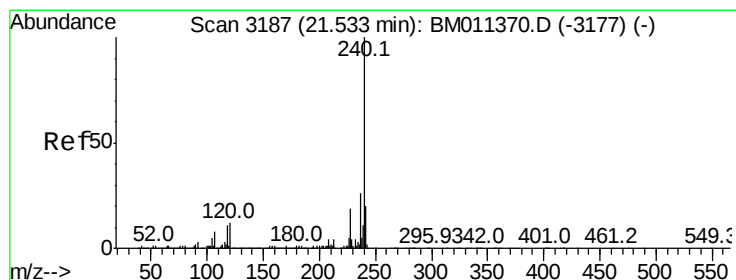
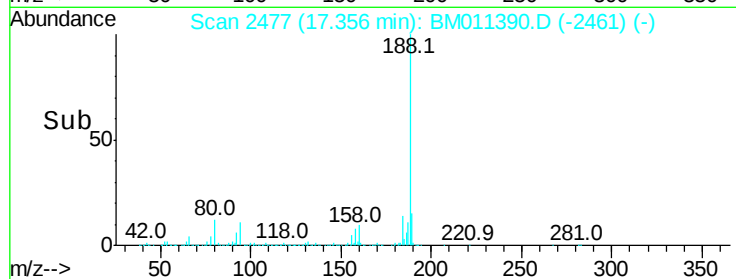
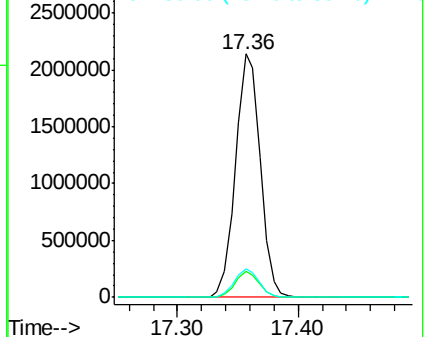
80 11.9 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.52 min Scan# 3185

Delta R.T. -0.01 min

Lab File: BM011390.D

Acq: 01 Sep 2017 02:09

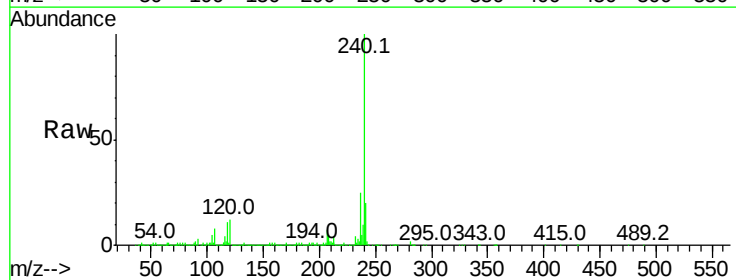
Tgt Ion:240 Resp: 3449803

Ion Ratio Lower Upper

240 100

120 12.1 8.2 12.2

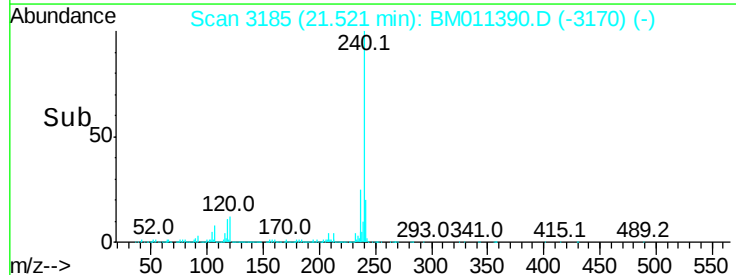
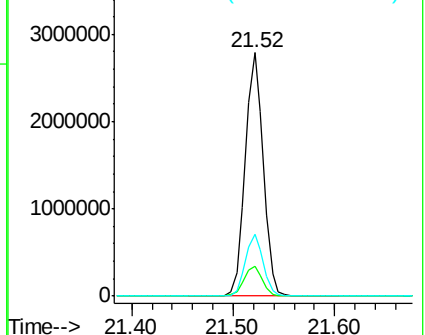
236 25.4 20.0 30.0

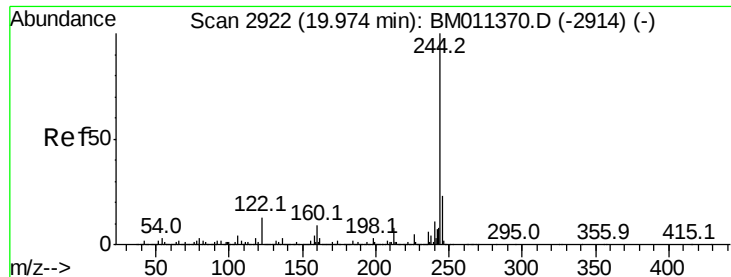


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

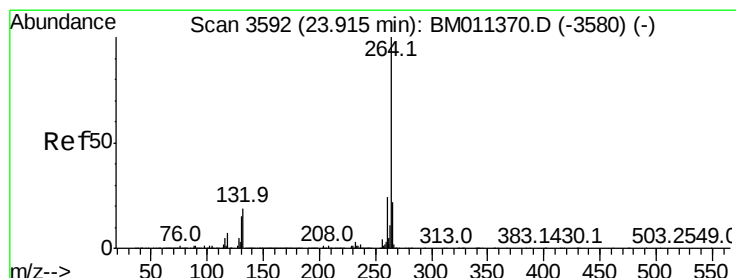
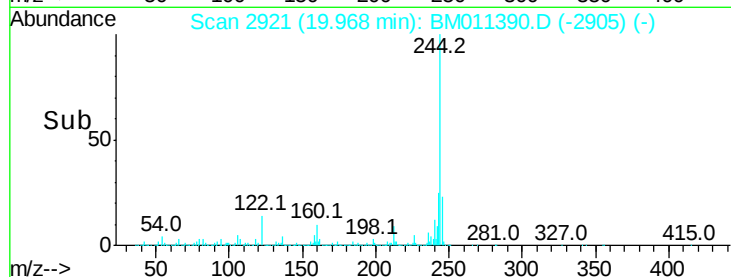
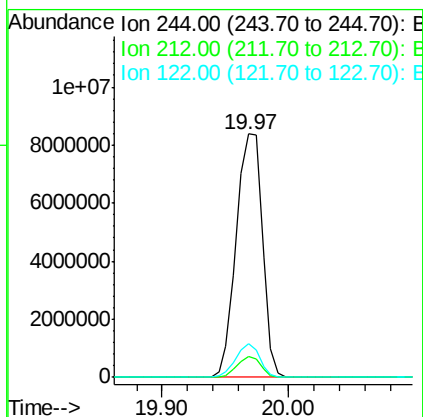
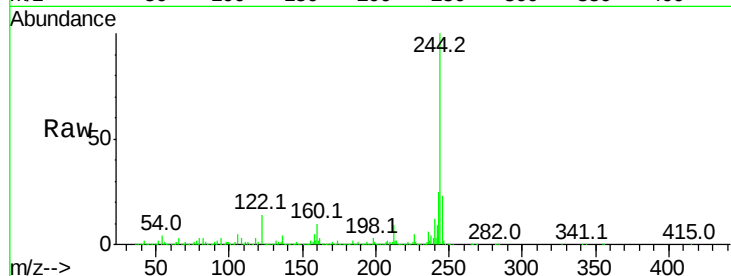




#78
 Terphenyl-d14
 Concen: 85.831 ng
 RT: 19.97 min Scan# 2921
 Delta R.T. -0.01 min
 Lab File: BM011390.D
 Acq: 01 Sep 2017 02:09

Instrument :
 BNA_M
 ClientSampled :
 3827-SPP4

Tot Ion:244 Resp:11933657
 Ion Ratio Lower Upper
 244 100
 212 8.7 4.9 7.3#
 122 13.6 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: BM011390.D
 Acq: 01 Sep 2017 02:09

Tgt Ion:264 Resp: 3099866
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 27.8
 265 22.1 17.3 25.9

