

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
 Data File : BM011385.D
 Acq On : 31 Aug 2017 23:09
 Operator : SJ/JU
 Sample : I4963-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 3824-SPP1

Quant Time: Sep 01 07:21:33 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	497684	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	2159111	20.00	ng	0.00
38) Acenaphthene-d10	14.62	164	1235384	20.00	ng	0.00
63) Phenanthrene-d10	17.36	188	2730588	20.00	ng	0.00
75) Chrysene-d12	21.52	240	3133227	20.00	ng	-0.01
86) Perylene-d12	23.90	264	2866883	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	2034388	68.81	ng	0.00
7) Phenol-d6	7.13	99	1621380	39.55	ng	0.00
23) Nitrobenzene-d5	9.15	82	3373740	102.97	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	2142312	149.89	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	8509516	99.29	ng	0.00
78) Terphenyl-d14	19.97	244	11141842	88.23	ng	0.00

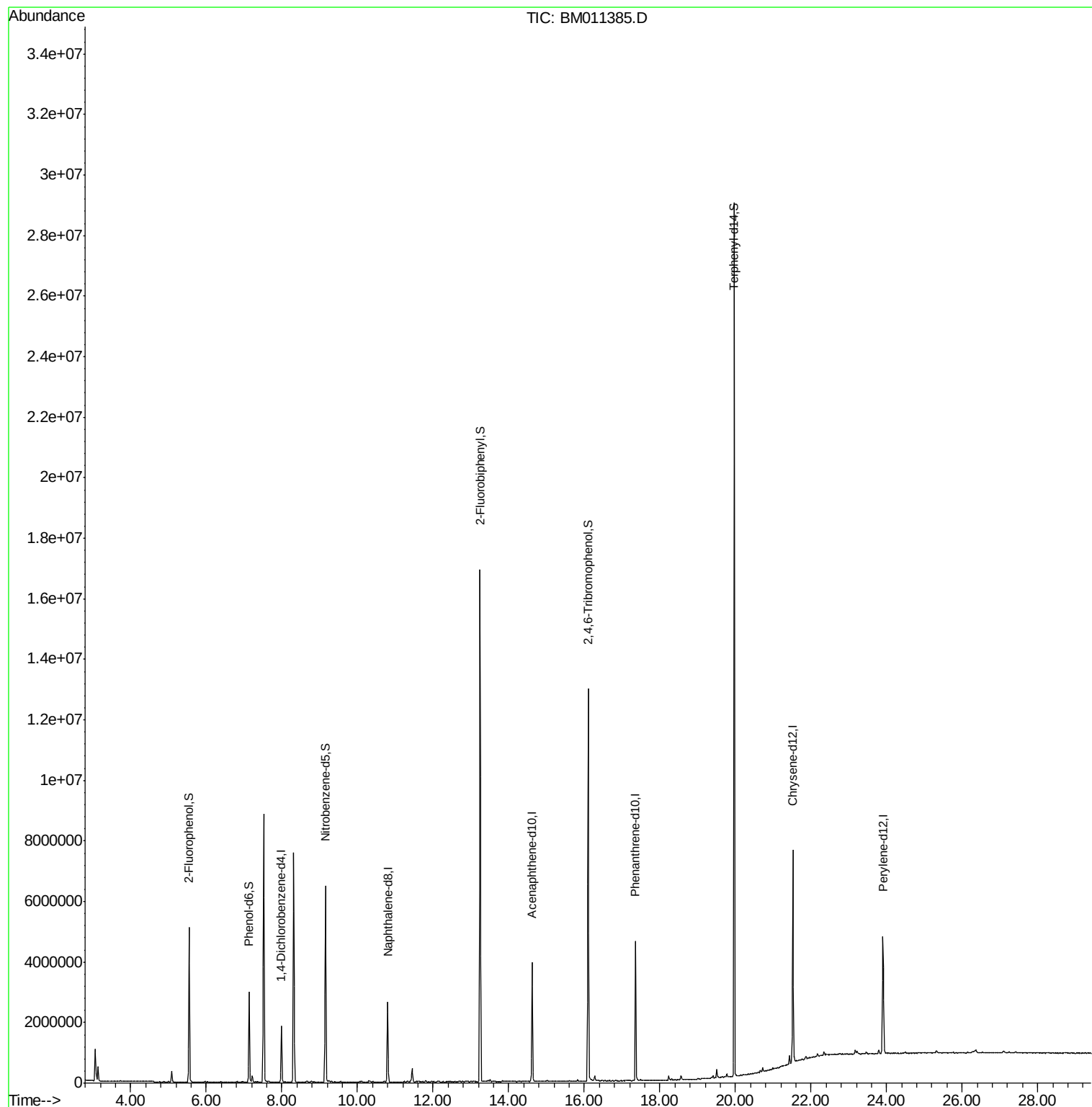
Target Compounds Qvalue

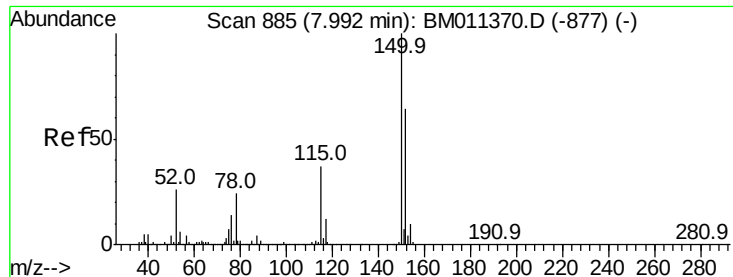
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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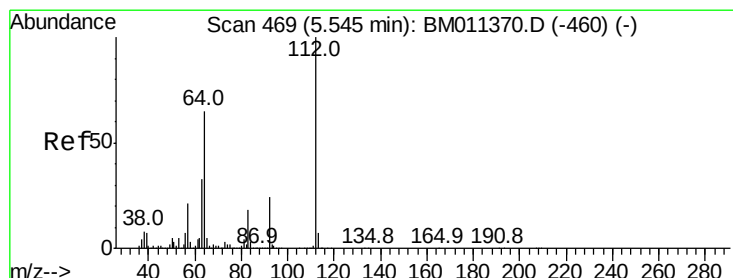
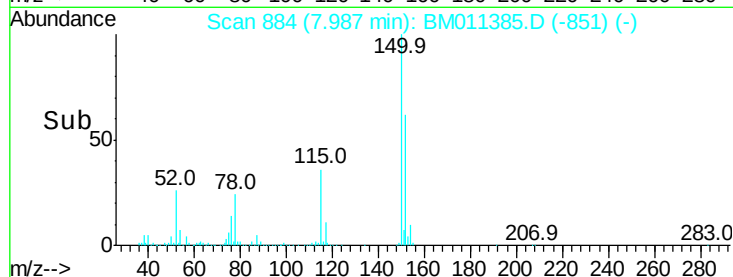
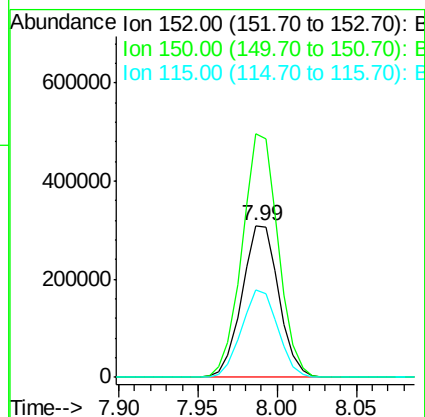
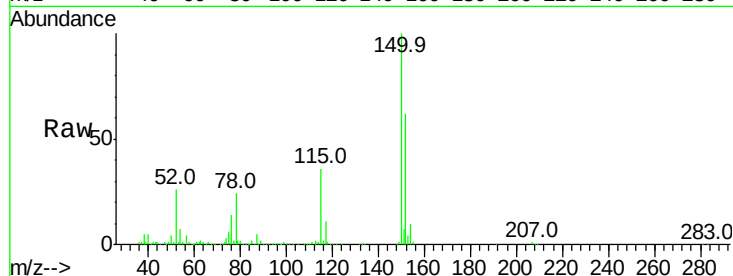


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM011385.D
Acq: 31 Aug 2017 23:09

Instrument :
BNA_M
ClientSampleId :
3824-SPP1

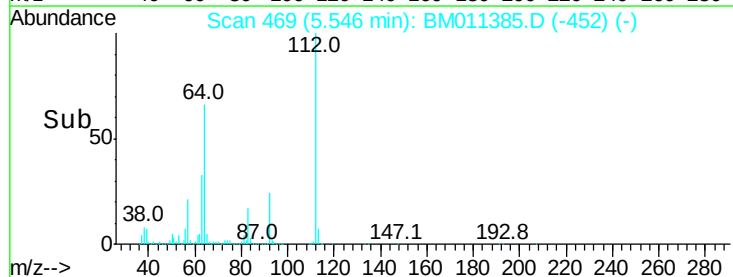
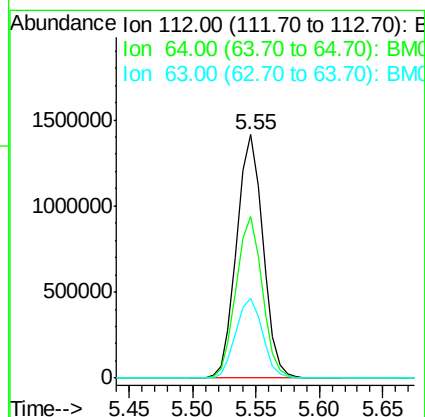
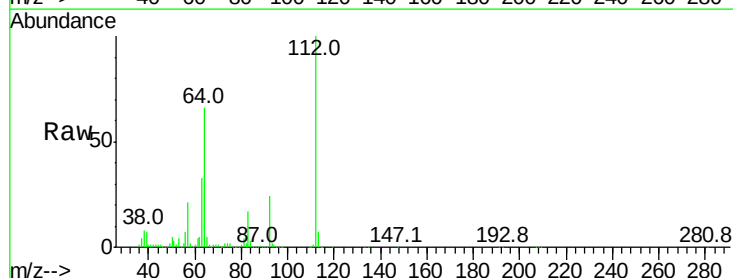
Tot Ion:152 Resp: 497684
Ion Ratio Lower Upper
152 100
150 160.4 119.5 179.3
115 57.3 43.0 64.4

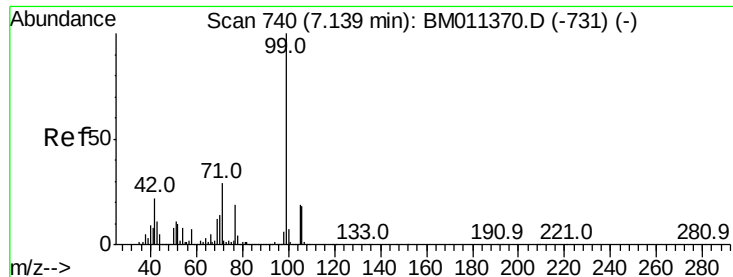


#5

2-Fluorophenol
Concen: 68.807 ng
RT: 5.55 min Scan# 469
Delta R.T. 0.00 min
Lab File: BM011385.D
Acq: 31 Aug 2017 23:09

Tgt Ion:112 Resp: 2034388
Ion Ratio Lower Upper
112 100
64 66.2 38.6 57.8#
63 33.0 19.3 28.9#





#7

Phenol-d6

Concen: 39.548 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011385.D

Acq: 31 Aug 2017 23:09

Instrument :

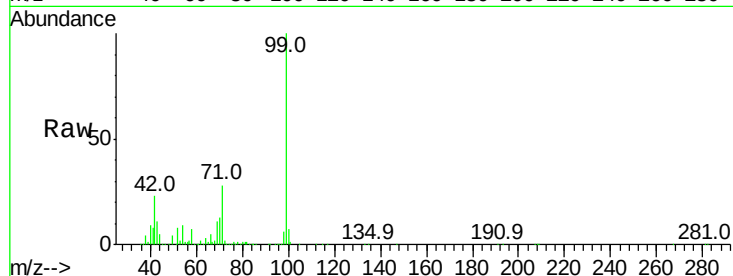
BNA_M

ClientSampleId :

3824-SPP1

Tot Ion: 99 Resp: 1621380

Ion	Ratio	Lower	Upper
99	100		
42	22.8	11.0	16.4#
71	28.3	23.4	35.2

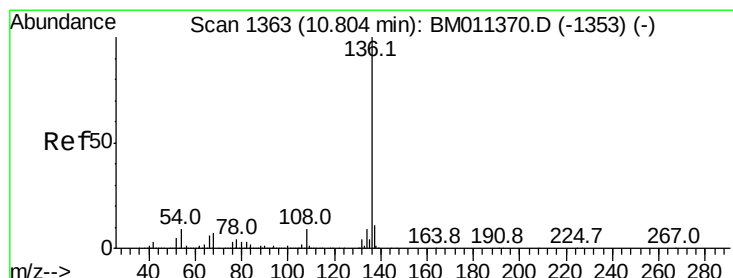
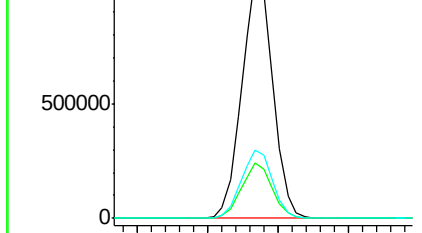
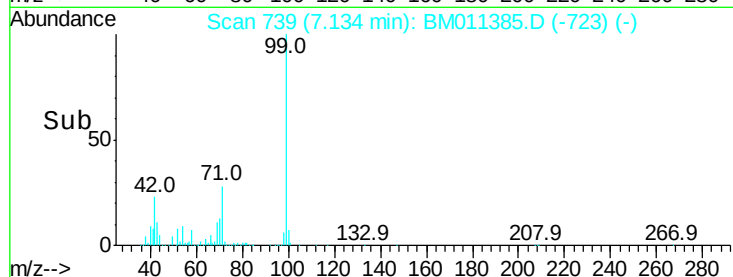


Abundance Ion 99.00 (98.70 to 99.70): BM011370.D (-731) (-)

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

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

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1362

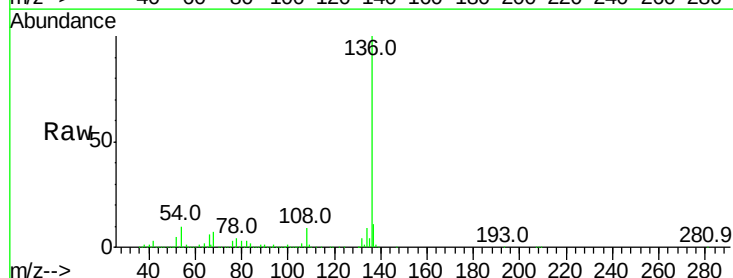
Delta R.T. -0.01 min

Lab File: BM011385.D

Acq: 31 Aug 2017 23:09

Tgt Ion: 136 Resp: 2159111

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	9.7	4.6	6.8#
68	7.0	3.7	5.5#



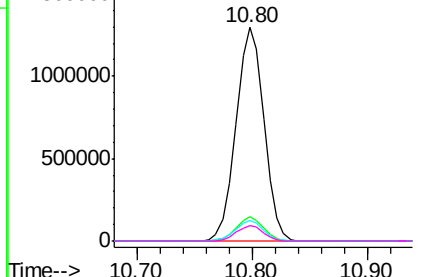
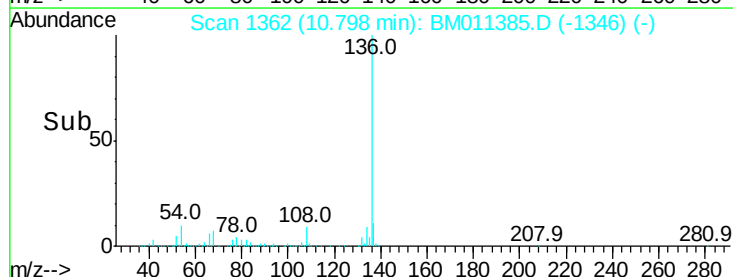
Abundance Ion 136.00 (135.70 to 136.70): BM011370.D (-1353) (-)

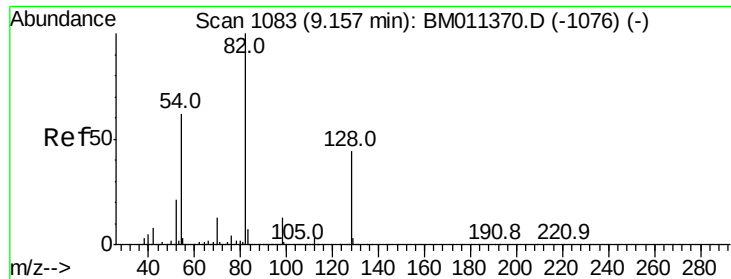
Ion 137.00 (136.70 to 137.70): BM011370.D (-1353) (-)

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

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

Time-->

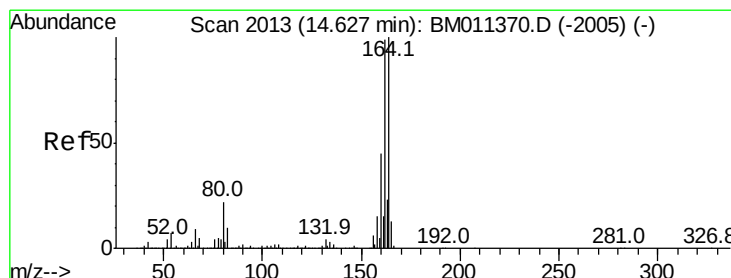
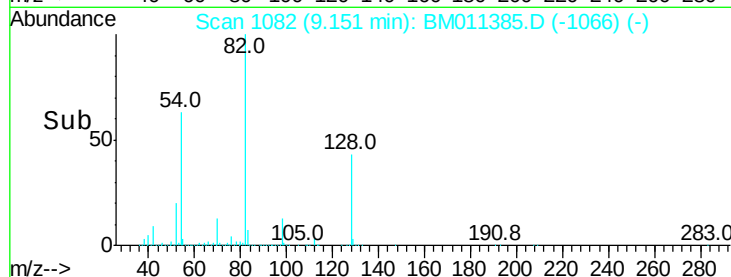
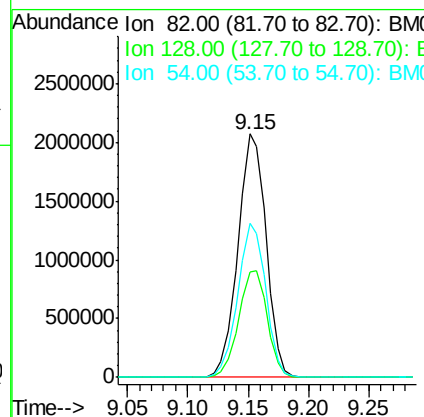
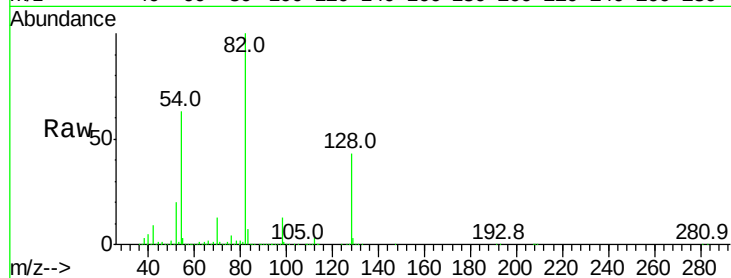




#23
 Nitrobenzene-d5
 Concen: 102.970 ng
 RT: 9.15 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BM011385.D
 Acq: 31 Aug 2017 23:09

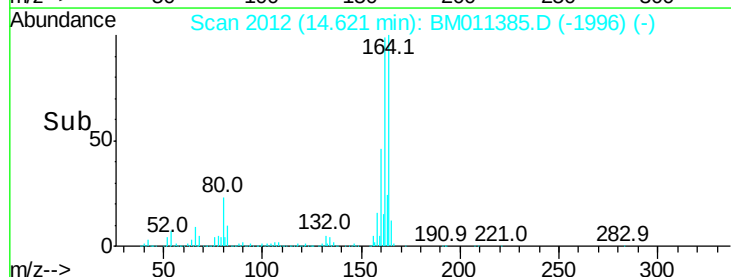
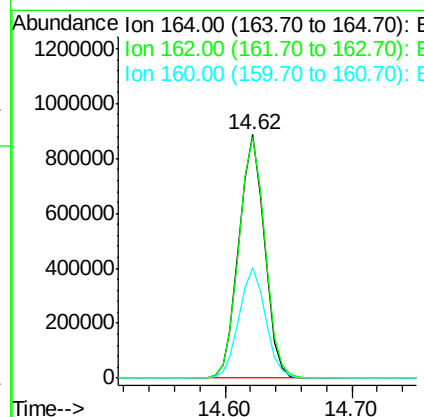
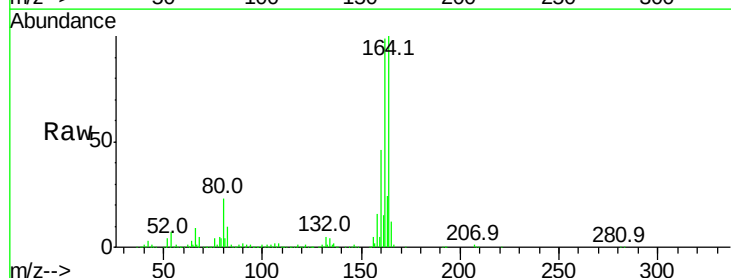
Instrument :
 BNA_M
 ClientSampleId :
 3824-SPP1

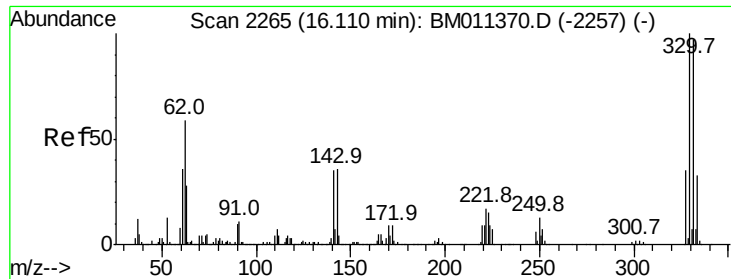
Tot Ion: 82 Resp: 3373740
 Ion Ratio Lower Upper
 82 100
 128 43.5 32.8 49.2
 54 63.3 40.6 60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BM011385.D
 Acq: 31 Aug 2017 23:09

Tgt Ion:164 Resp: 1235384
 Ion Ratio Lower Upper
 164 100
 162 98.8 82.4 123.6
 160 45.6 35.8 53.6

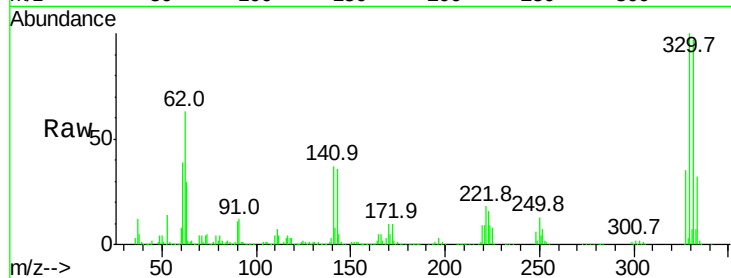




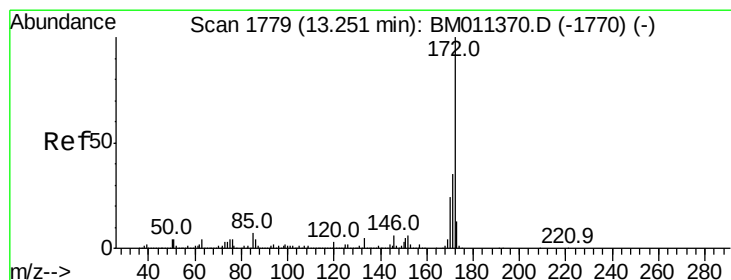
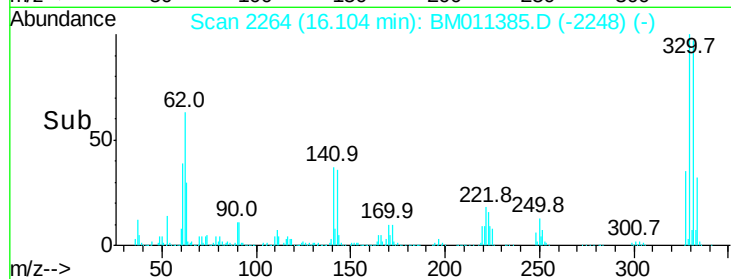
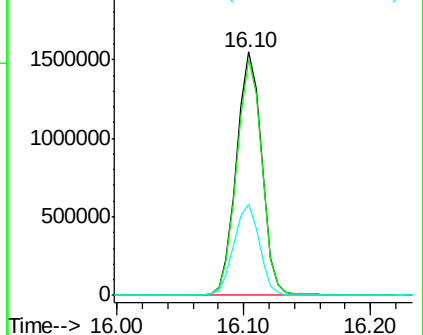
#41
 2,4,6-Tribromophenol
 Concen: 149.887 ng
 RT: 16.10 min Scan# 2264
 Delta R.T. -0.01 min
 Lab File: BM011385.D
 Acq: 31 Aug 2017 23:09

Instrument :
 BNA_M
 ClientSampleId :
 3824-SPP1

Tot Ion:330 Resp: 2142312
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 37.9 0.0 0.0#

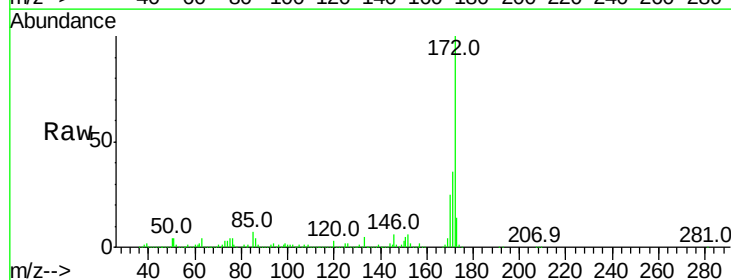


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

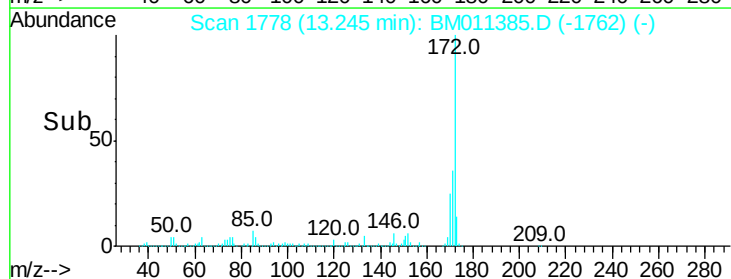
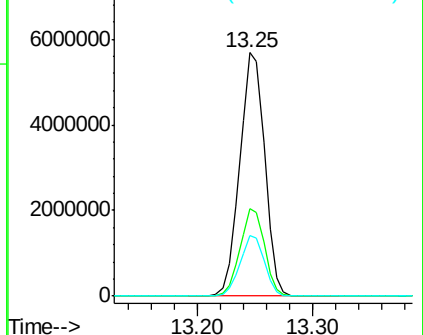


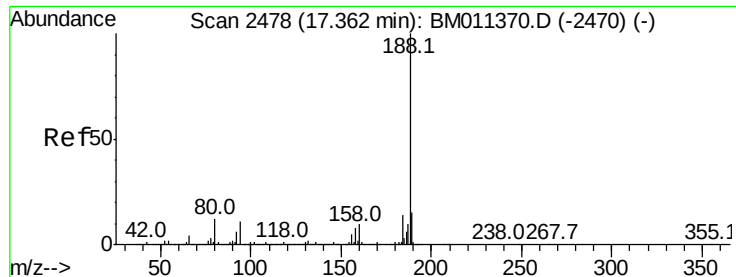
#44
 2-Fluorobiphenyl
 Concen: 99.291 ng
 RT: 13.25 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BM011385.D
 Acq: 31 Aug 2017 23:09

Tgt Ion:172 Resp: 8509516
 Ion Ratio Lower Upper
 172 100
 171 35.9 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

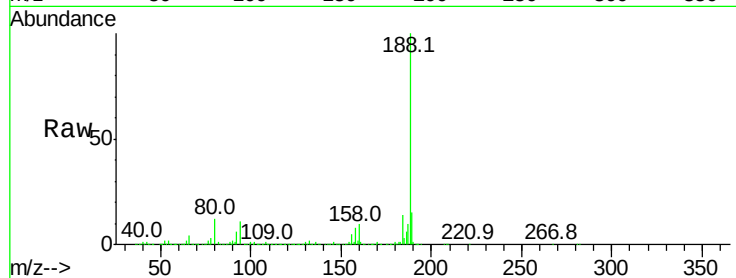




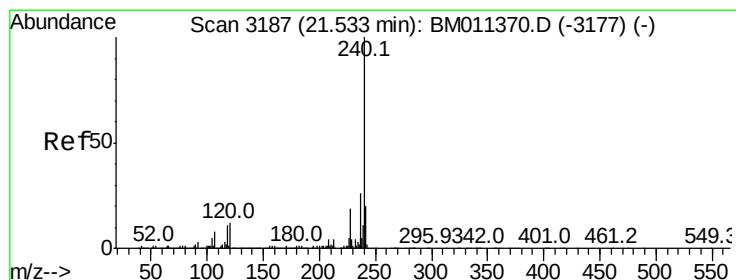
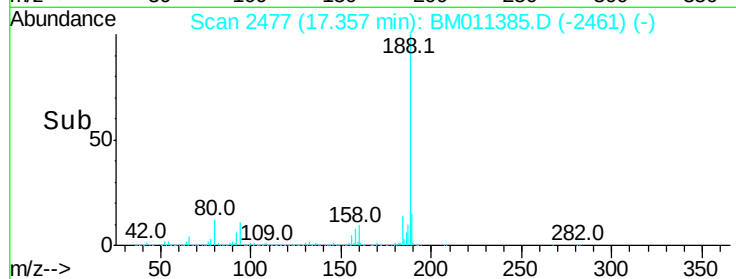
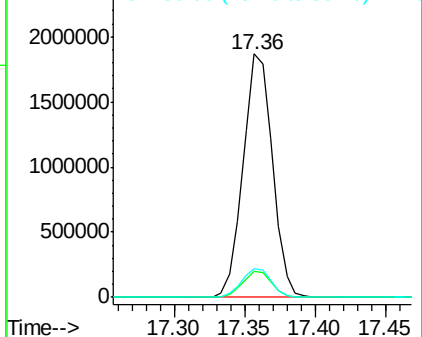
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2477
Delta R.T. -0.01 min
Lab File: BM011385.D
Acq: 31 Aug 2017 23:09

Instrument :
BNA_M
ClientSampleId :
3824-SPP1

Tot Ion:188 Resp: 2730588
Ion Ratio Lower Upper
188 100
94 10.7 8.7 13.1
80 11.9 9.3 13.9

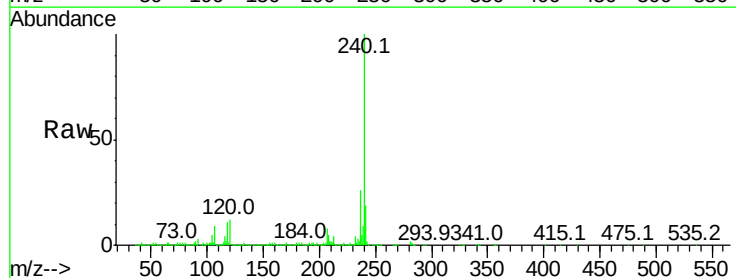


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

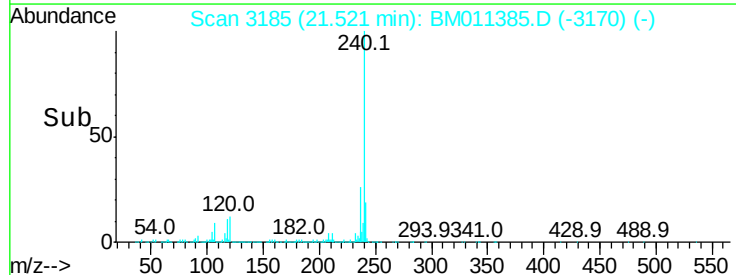
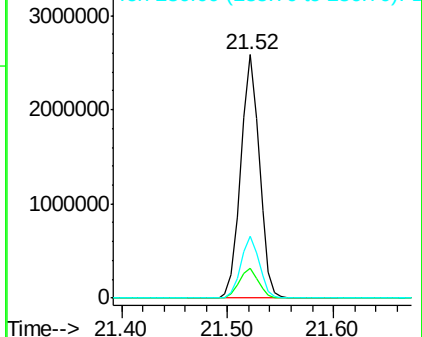


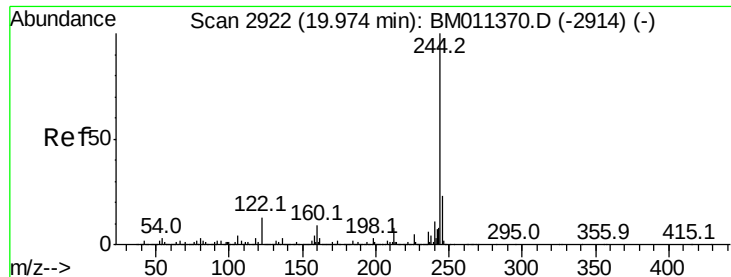
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3185
Delta R.T. -0.01 min
Lab File: BM011385.D
Acq: 31 Aug 2017 23:09

Tgt Ion:240 Resp: 3133227
Ion Ratio Lower Upper
240 100
120 12.1 8.2 12.2
236 25.5 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

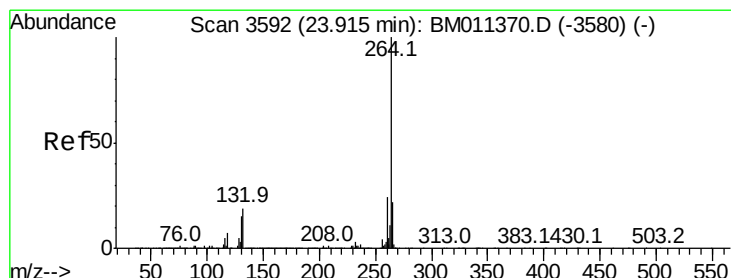
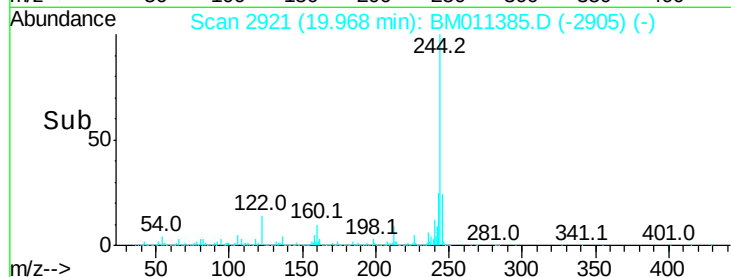
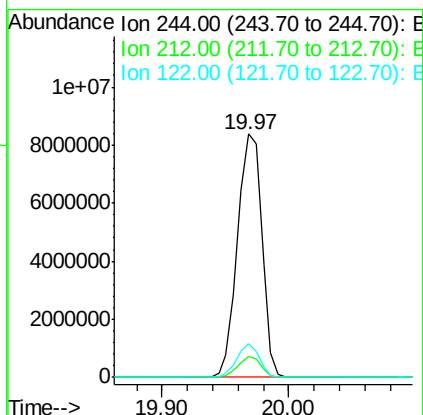
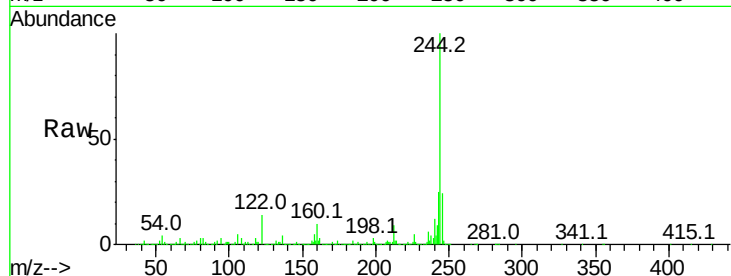




#78
 Terphenyl-d14
 Concen: 88.233 ng
 RT: 19.97 min Scan# 2921
 Delta R.T. -0.01 min
 Lab File: BM011385.D
 Acq: 31 Aug 2017 23:09

Instrument :
 BNA_M
 ClientSampled :
 3824-SPP1

Tot Ion:244 Resp:11141842
 Ion Ratio Lower Upper
 244 100
 212 8.6 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: BM011385.D
 Acq: 31 Aug 2017 23:09

Tgt Ion:264 Resp: 2866883
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 27.8
 265 22.1 17.3 25.9

