

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090517\
 Data File : BM011429.D
 Acq On : 05 Sep 2017 12:49
 Operator : SJ/JU
 Sample : I5055-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RT3992-20-41-RT3451-1550

Quant Time: Sep 05 13:30:37 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	335841	20.00	ng	-0.01
21) Naphthalene-d8	10.79	136	1394068	20.00	ng	-0.01
38) Acenaphthene-d10	14.62	164	749556	20.00	ng	-0.01
63) Phenanthrene-d10	17.35	188	1836101	20.00	ng	-0.01
75) Chrysene-d12	21.51	240	2307336	20.00	ng	-0.02
86) Perylene-d12	23.90	264	2167447	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	3075699	154.16	ng	0.00
7) Phenol-d6	7.13	99	3637264	131.47	ng	0.00
23) Nitrobenzene-d5	9.15	82	2350151	111.09	ng	-0.01
41) 2,4,6-Tribromophenol	16.10	330	1407641	162.32	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	5670907	109.06	ng	-0.01
78) Terphenyl-d14	19.96	244	9432269	101.43	ng	-0.01

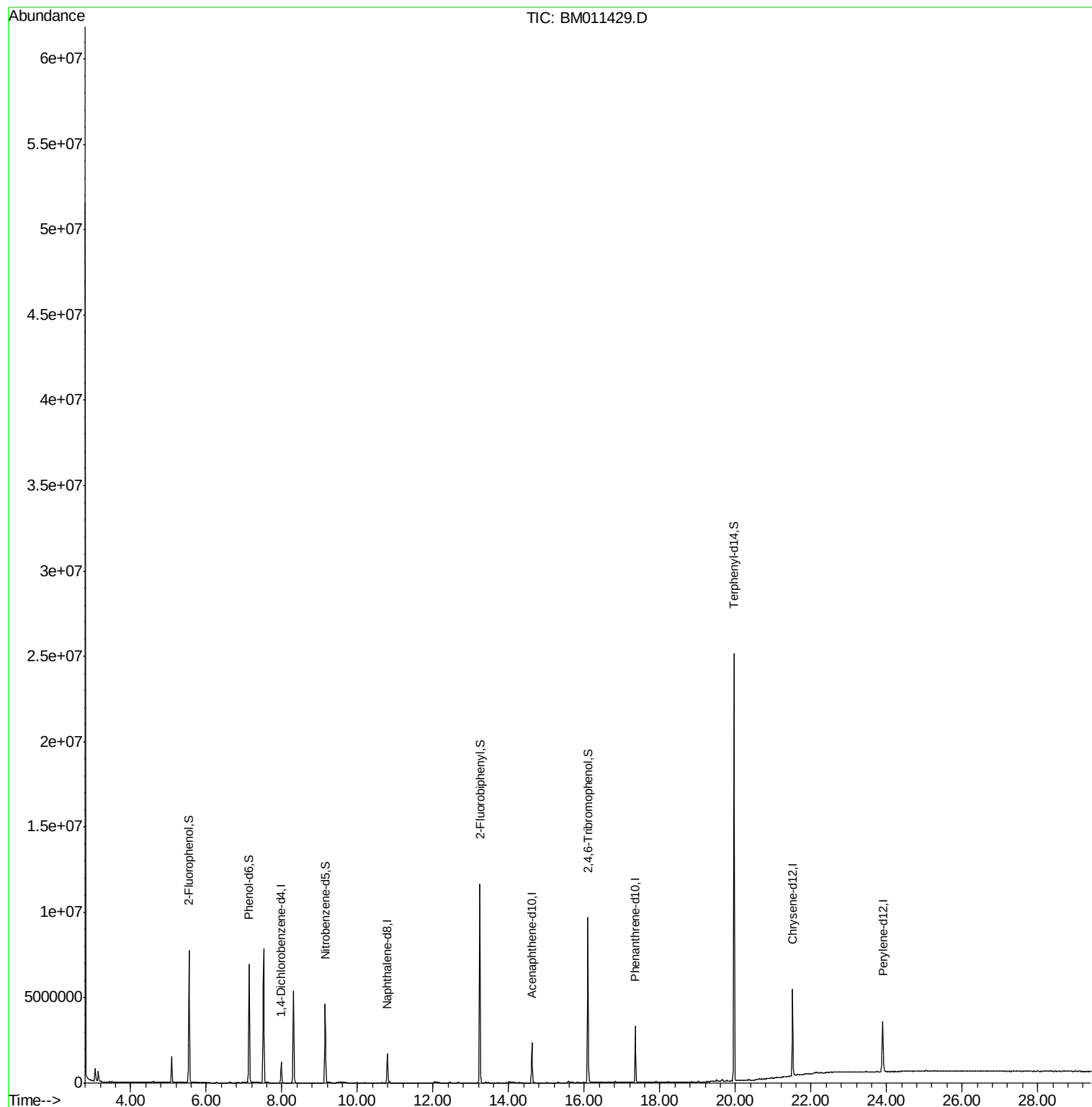
Target Compounds	Qvalue
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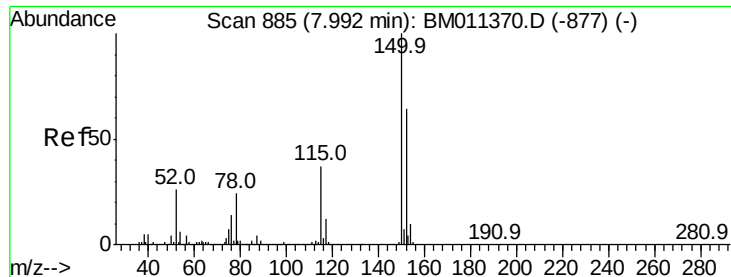
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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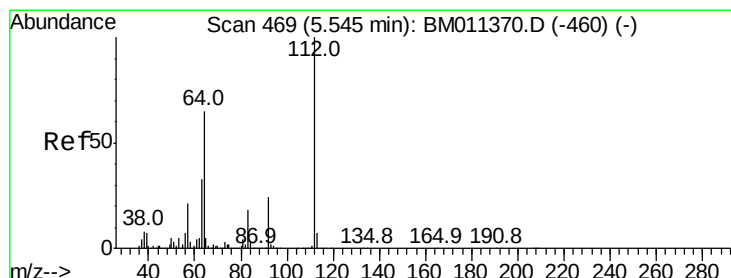
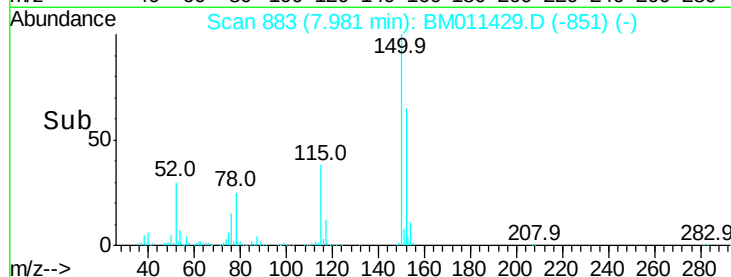
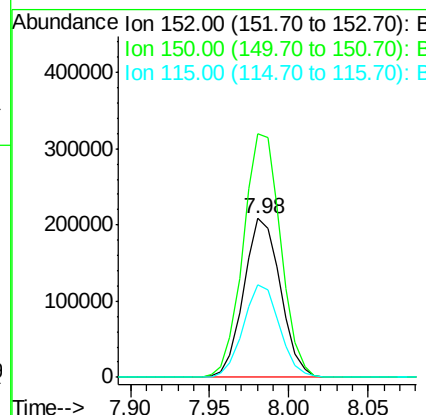
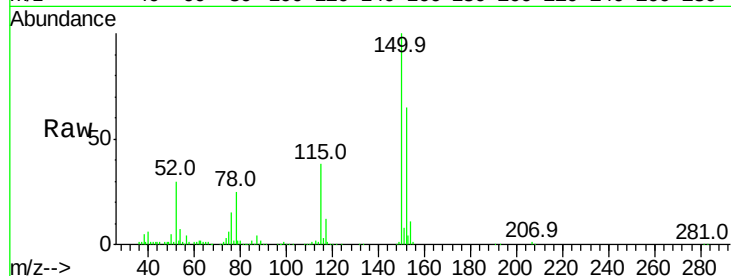


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BM011429.D
Acq: 05 Sep 2017 12:49

Instrument :
BNA_M
ClientSampleId :
RT3992-20-41-RT3451-1550

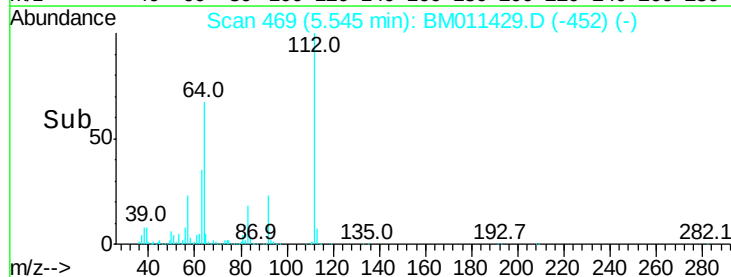
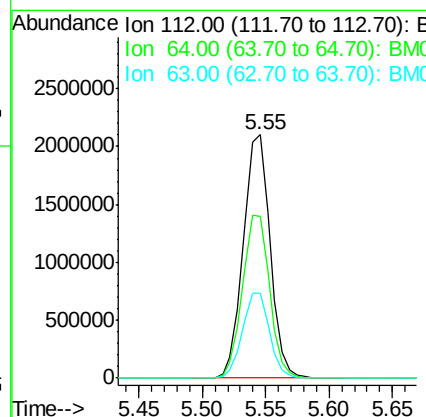
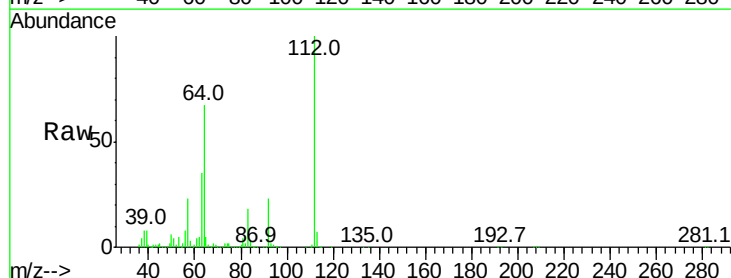
Tot Ion:152 Resp: 335841
Ion Ratio Lower Upper
152 100
150 153.4 119.5 179.3
115 58.0 43.0 64.4

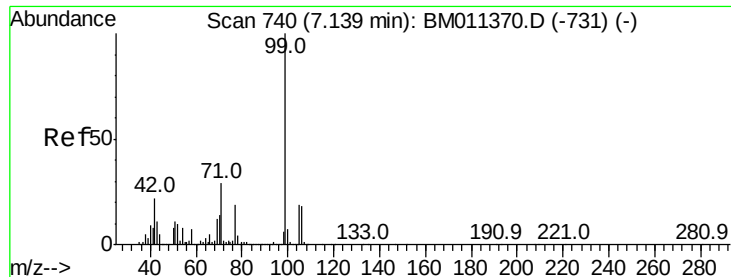


#5

2-Fluorophenol
Concen: 154.158 ng
RT: 5.55 min Scan# 469
Delta R.T. 0.00 min
Lab File: BM011429.D
Acq: 05 Sep 2017 12:49

Tgt Ion:112 Resp: 3075699
Ion Ratio Lower Upper
112 100
64 66.6 38.6 57.8#
63 34.7 19.3 28.9#





#7

Phenol-d6

Concen: 131.474 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011429.D

Acq: 05 Sep 2017 12:49

Instrument :

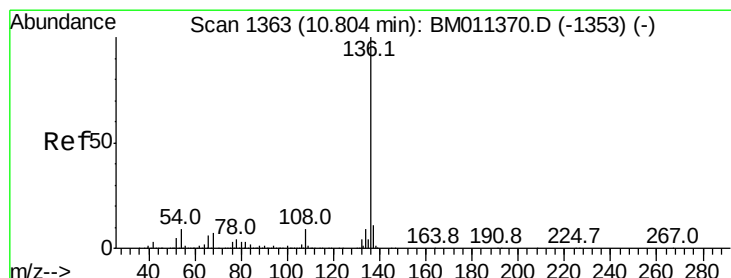
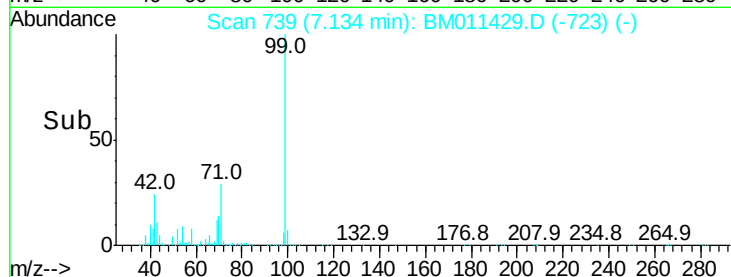
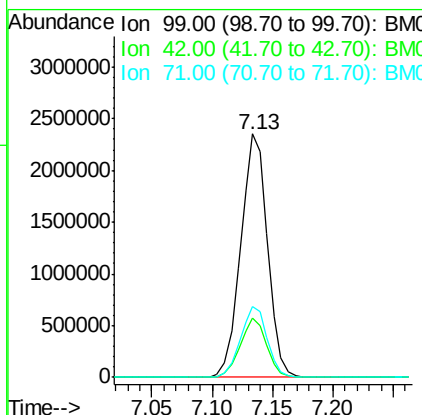
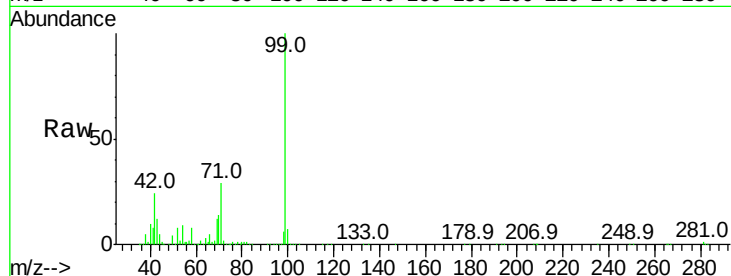
BNA_M

ClientSampleId :

RT3992-20-41-RT3451-1550

Tot Ion: 99 Resp: 3637264

Ion	Ratio	Lower	Upper
99	100		
42	24.1	11.0	16.4#
71	29.3	23.4	35.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1361

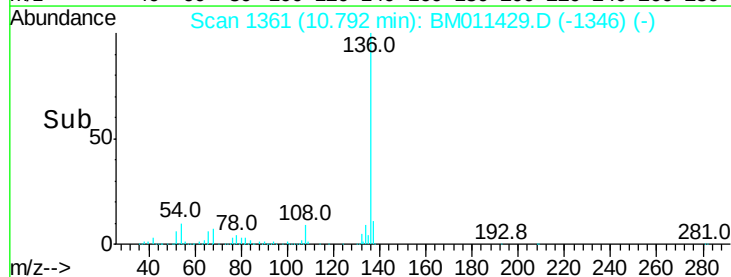
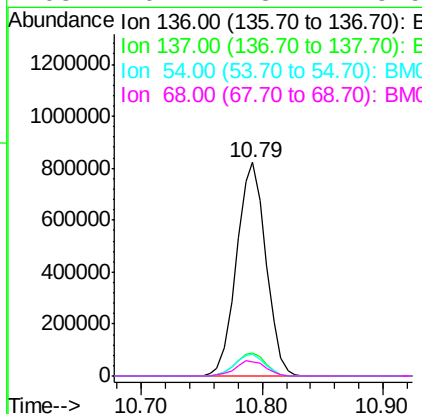
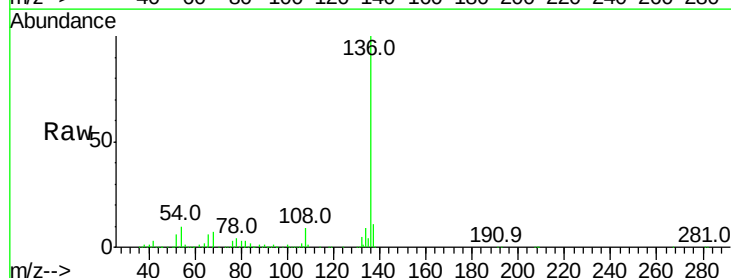
Delta R.T. -0.01 min

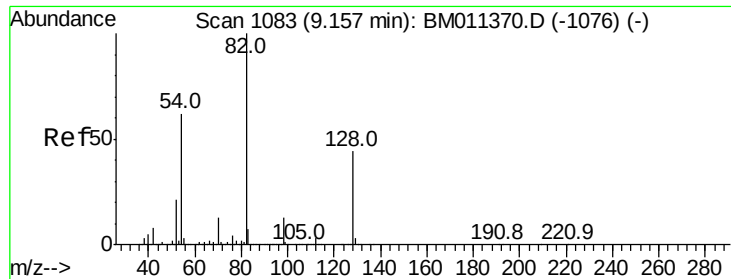
Lab File: BM011429.D

Acq: 05 Sep 2017 12:49

Tgt Ion: 136 Resp: 1394068

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	10.3	4.6	6.8#
68	6.7	3.7	5.5#

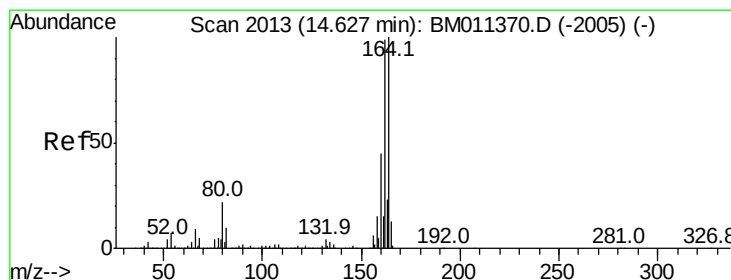
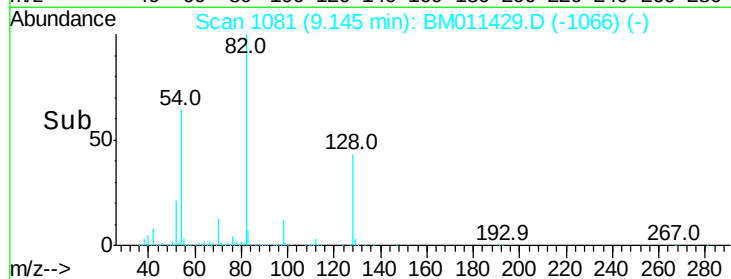
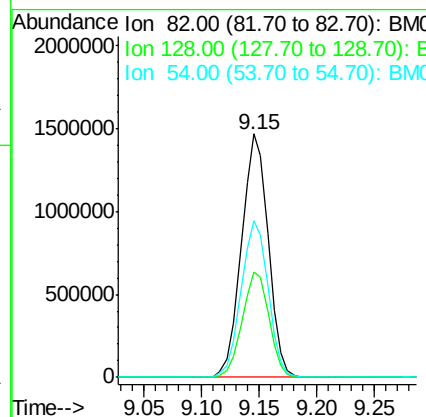
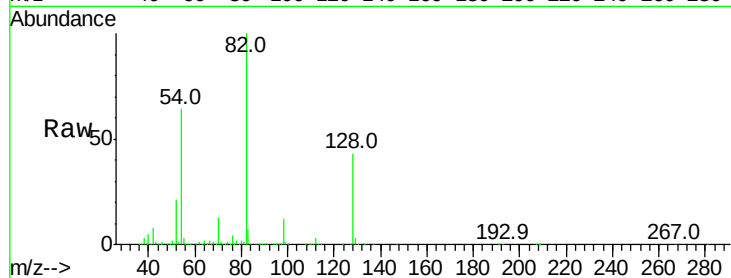




#23
 Nitrobenzene-d5
 Concen: 111.093 ng
 RT: 9.15 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BM011429.D
 Acq: 05 Sep 2017 12:49

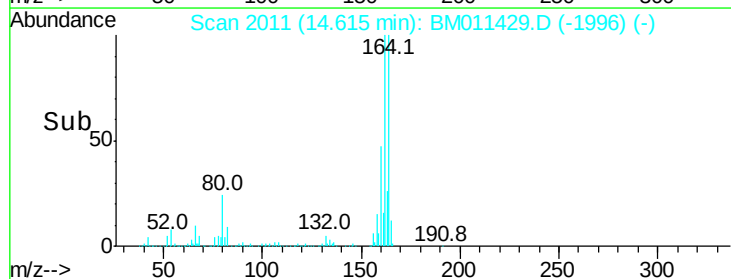
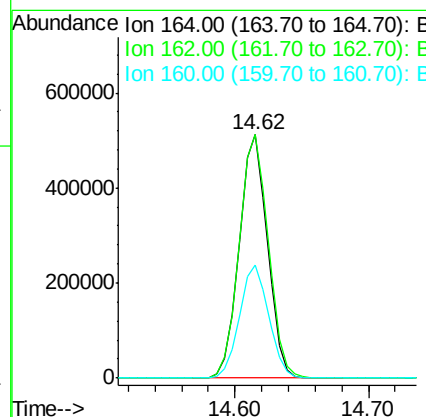
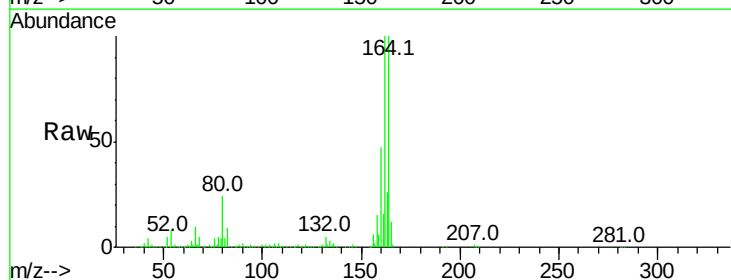
Instrument :
 BNA_M
 ClientSampleId :
 RT3992-20-41-RT3451-1550

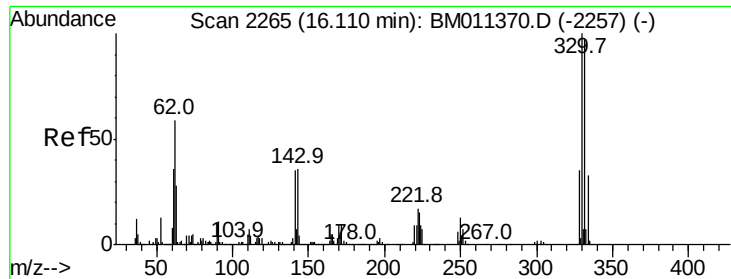
Tot Ion: 82 Resp: 2350151
 Ion Ratio Lower Upper
 82 100
 128 43.2 32.8 49.2
 54 64.2 40.6 60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BM011429.D
 Acq: 05 Sep 2017 12:49

Tgt Ion: 164 Resp: 749556
 Ion Ratio Lower Upper
 164 100
 162 99.9 82.4 123.6
 160 46.6 35.8 53.6

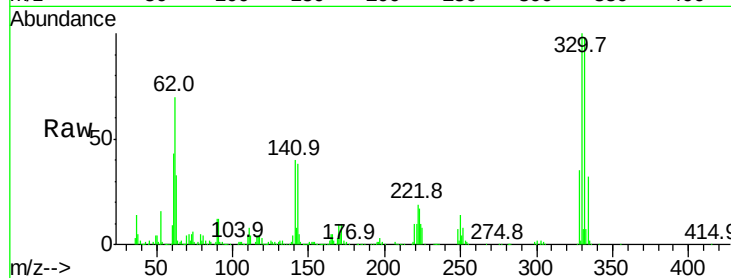




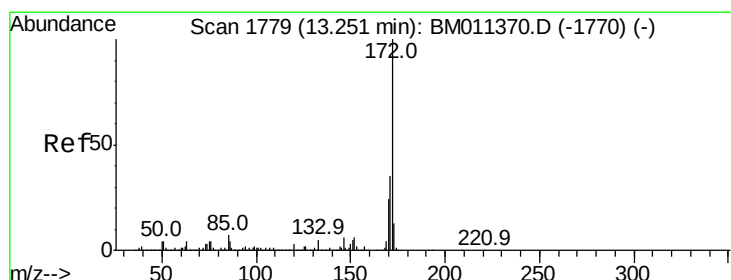
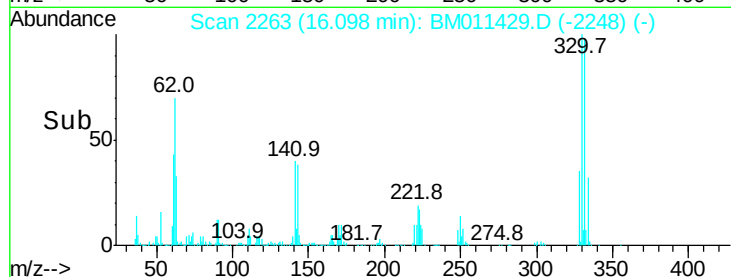
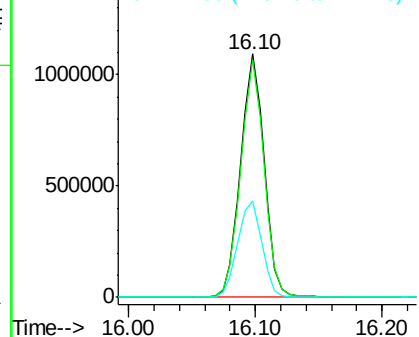
#41
 2,4,6-Tribromophenol
 Concen: 162.319 ng
 RT: 16.10 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BM011429.D
 Acq: 05 Sep 2017 12:49

Instrument :
 BNA_M
 ClientSampleId :
 RT3992-20-41-RT3451-1550

Tot Ion:330 Resp: 1407641
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 40.9 0.0 0.0#

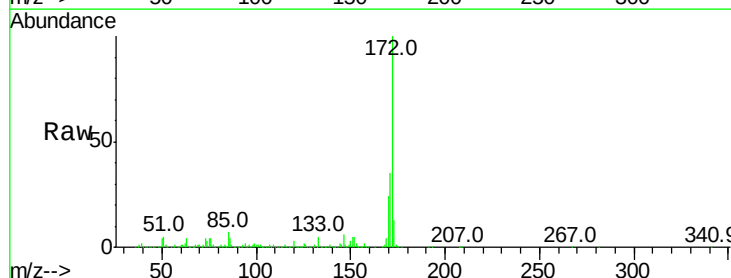


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

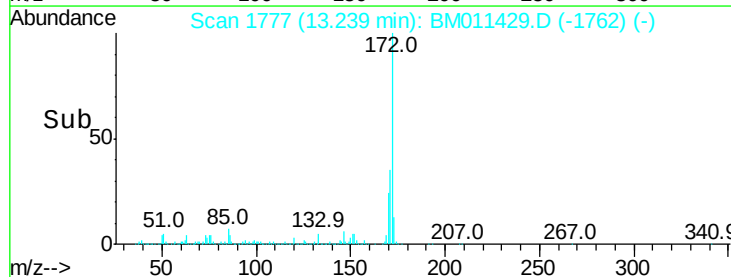
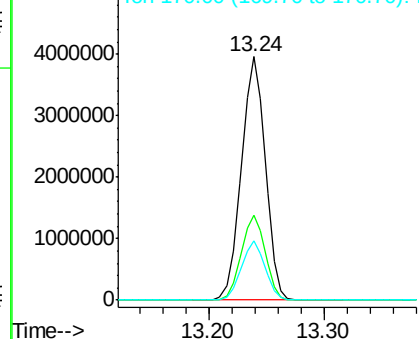


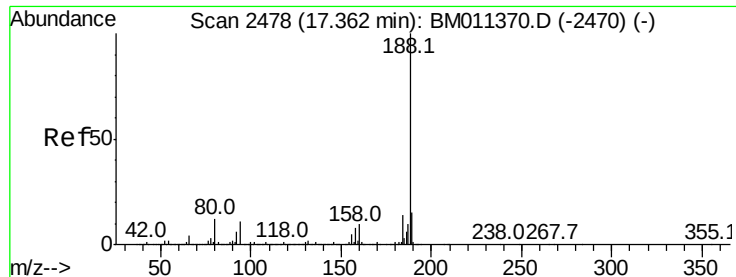
#44
 2-Fluorobiphenyl
 Concen: 109.058 ng
 RT: 13.24 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BM011429.D
 Acq: 05 Sep 2017 12:49

Tgt Ion:172 Resp: 5670907
 Ion Ratio Lower Upper
 172 100
 171 34.7 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

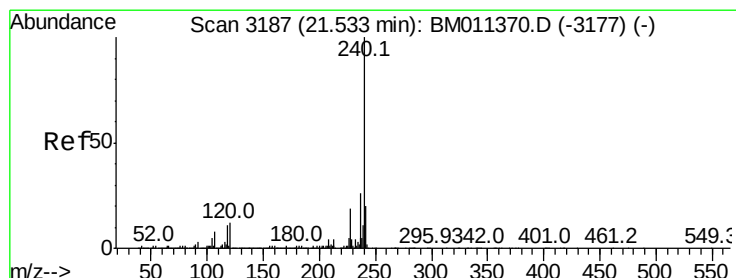
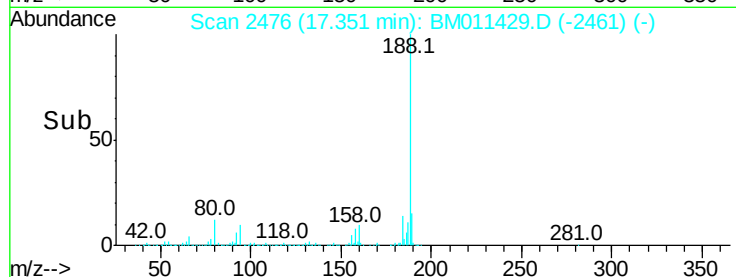
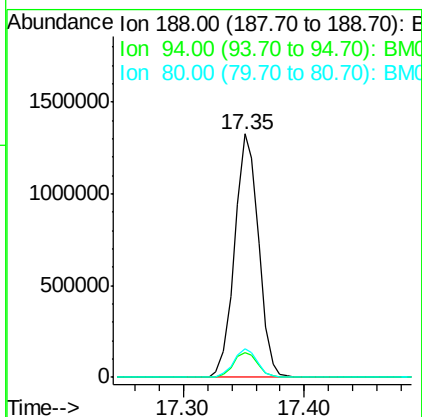
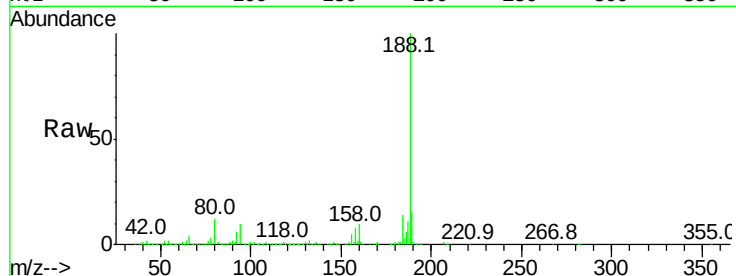




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2476
Delta R.T. -0.01 min
Lab File: BM011429.D
Acq: 05 Sep 2017 12:49

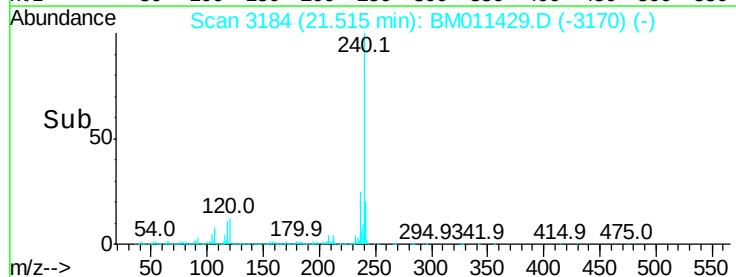
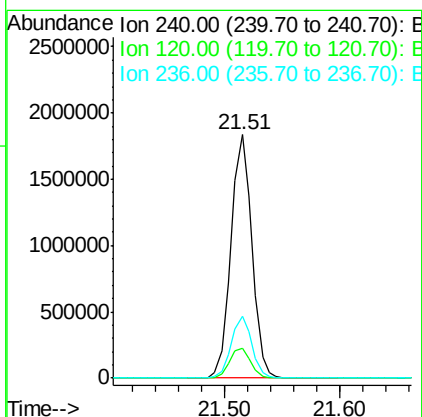
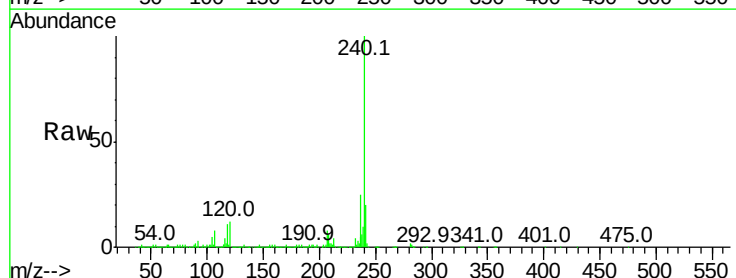
Instrument :
BNA_M
ClientSampleId :
RT3992-20-41-RT3451-1550

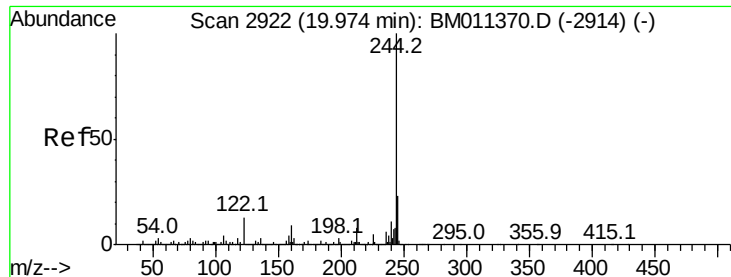
Tot Ion:188 Resp: 1836101
Ion Ratio Lower Upper
188 100
94 10.3 8.7 13.1
80 11.8 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3184
Delta R.T. -0.02 min
Lab File: BM011429.D
Acq: 05 Sep 2017 12:49

Tgt Ion:240 Resp: 2307336
Ion Ratio Lower Upper
240 100
120 12.4 8.2 12.2#
236 25.4 20.0 30.0





#78

Terphenyl-d14

Concen: 101.431 ng

RT: 19.96 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BM011429.D

Acq: 05 Sep 2017 12:49

Instrument :

BNA_M

ClientSampleId :

RT3992-20-41-RT3451-1550

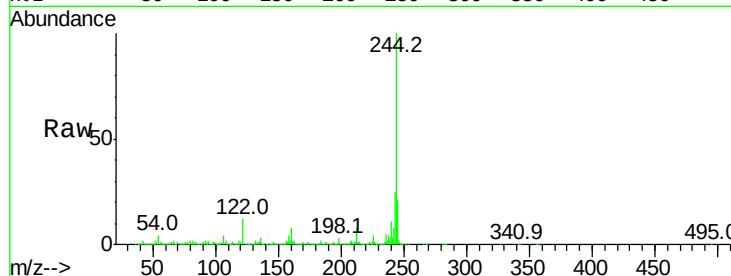
Tot Ion:244 Resp: 9432269

Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.9	7.3#
122	11.7	6.2	9.4#

244 100

212 7.9 4.9 7.3#

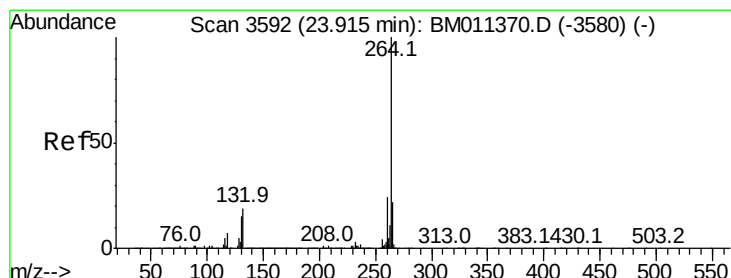
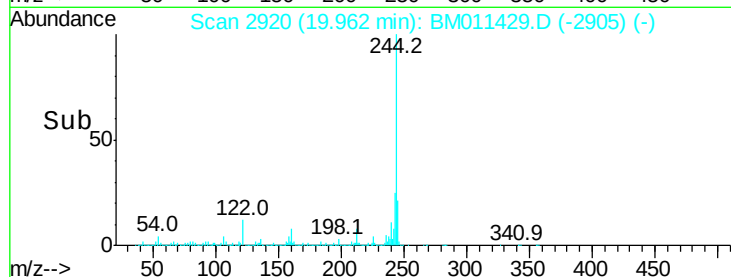
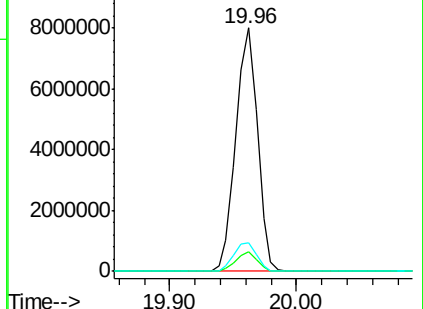
122 11.7 6.2 9.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 23.90 min Scan# 3589

Delta R.T. -0.02 min

Lab File: BM011429.D

Acq: 05 Sep 2017 12:49

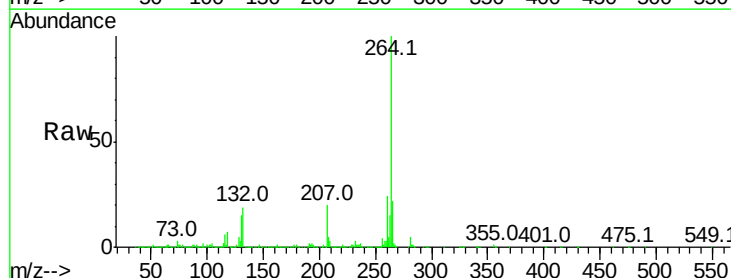
Tgt Ion:264 Resp: 2167447

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	21.7	17.3	25.9

264 100

260 23.9 18.6 27.8

265 21.7 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

