

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 : I5055-06RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Sep 05 13:28:18 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

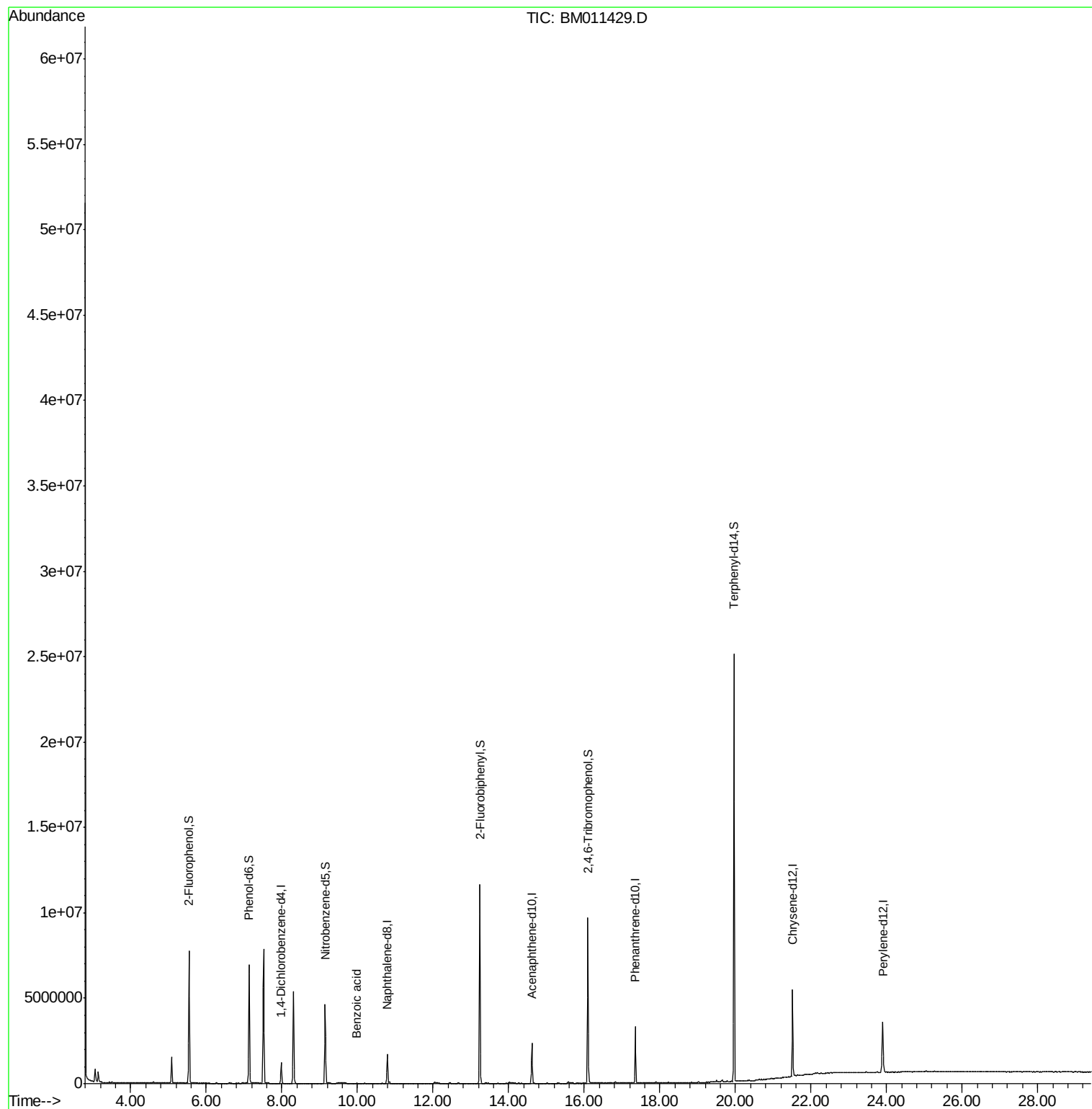
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	335841	20.00	ng	-0.01
21) Naphthalene-d8	10.79	136	1394068	20.00	ng	-0.01
38) Acenaphthene-d10	14.62	164	749556	20.00	ng	-0.01
63) Phenanthrene-d10	17.35	188	1836101	20.00	ng	-0.01
75) Chrysene-d12	21.51	240	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						
32) Benzoic acid	9.98	122	531	6.571	ng	Qvalue # 35

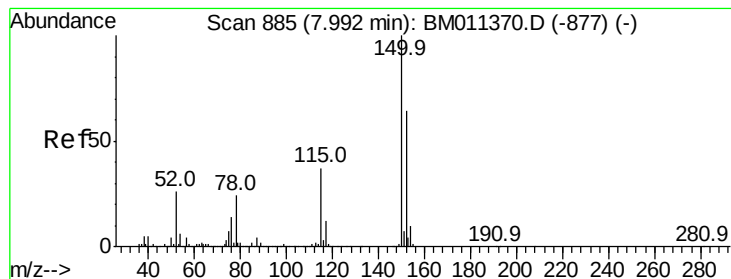
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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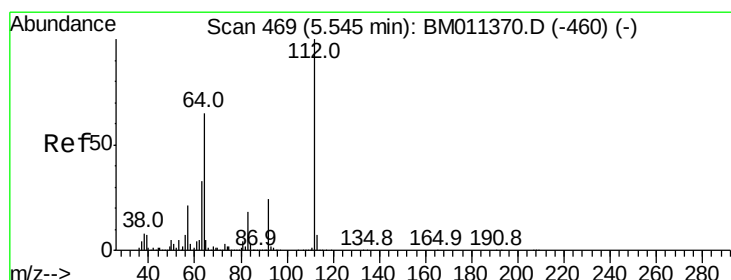
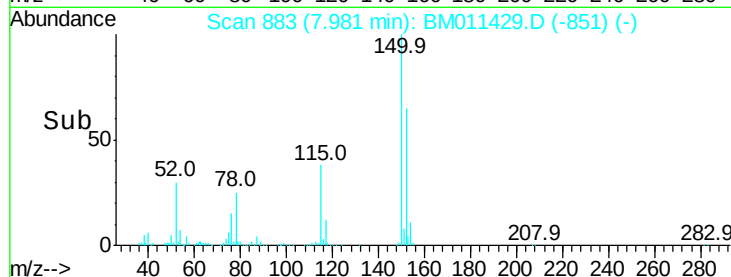
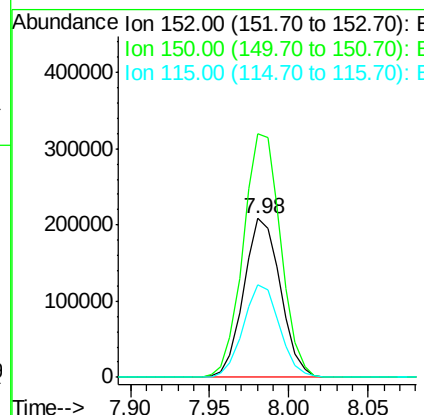
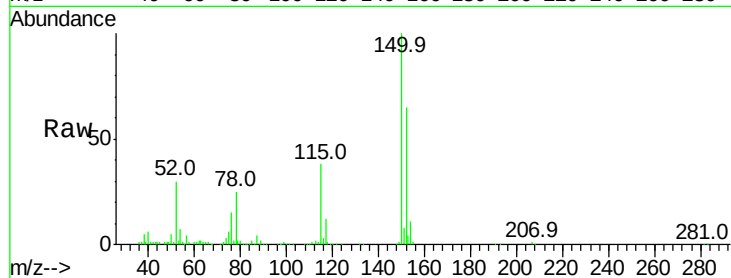


#1

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

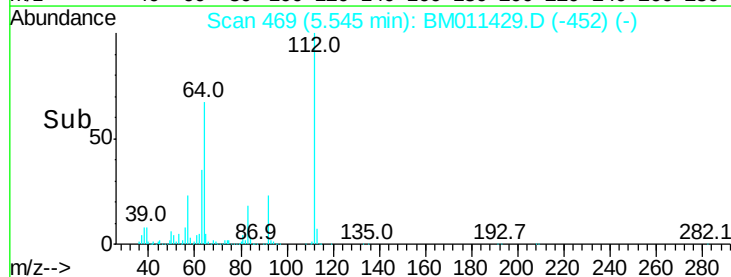
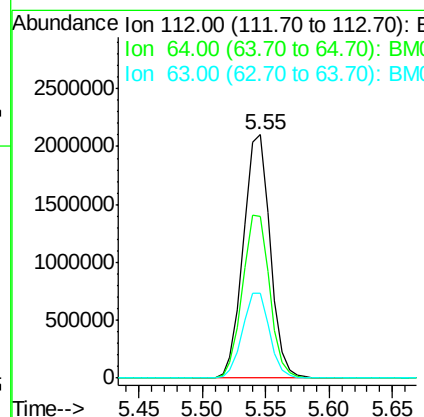
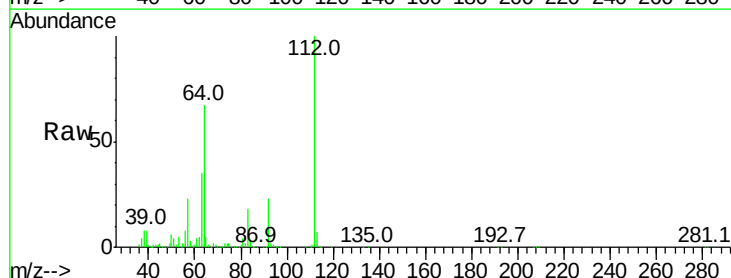
Tot Ion:152 Resp: 335841
Ion Ratio Lower Upper
152 100
150 153.4 119.5 179.3
115 58.0 43.0 64.4

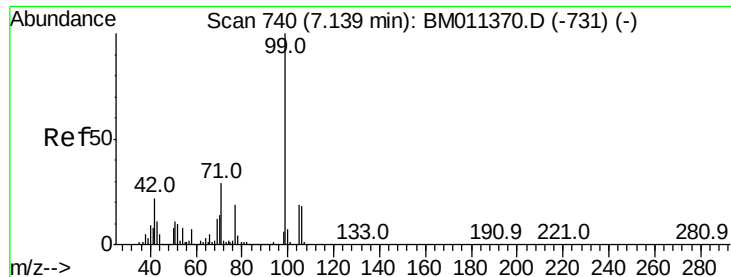


#5

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 :

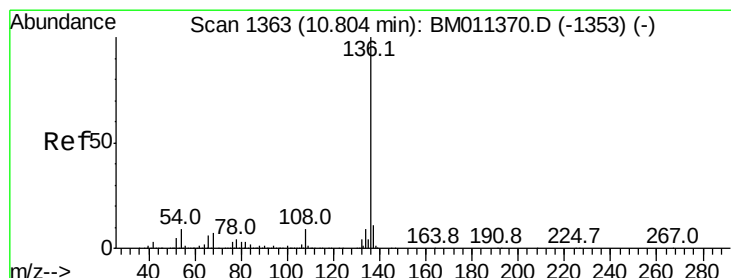
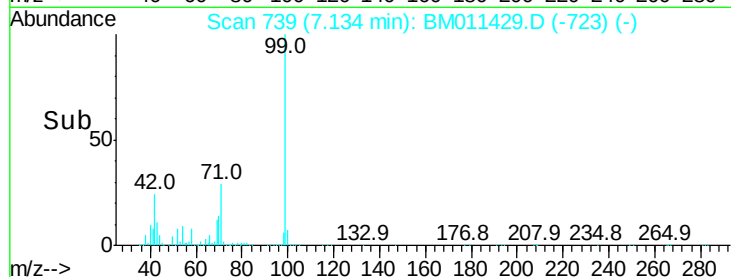
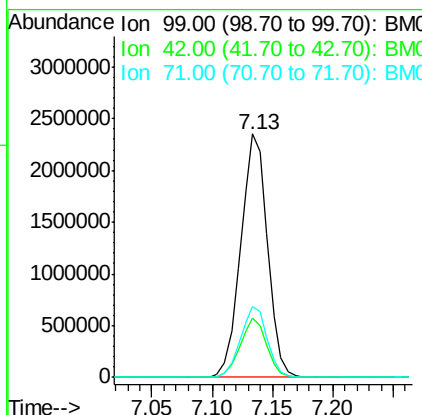
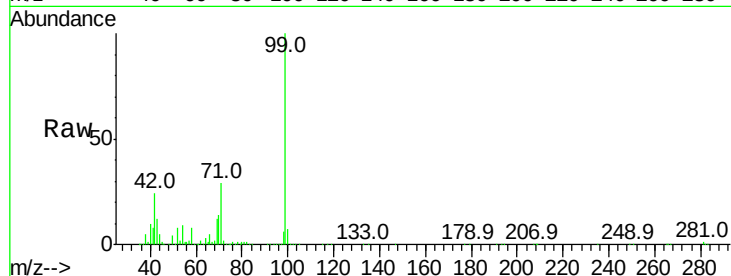
BNA_M

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

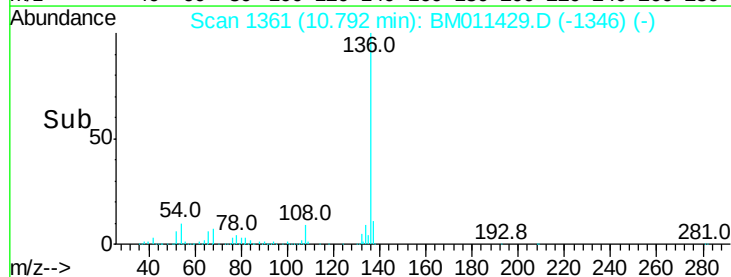
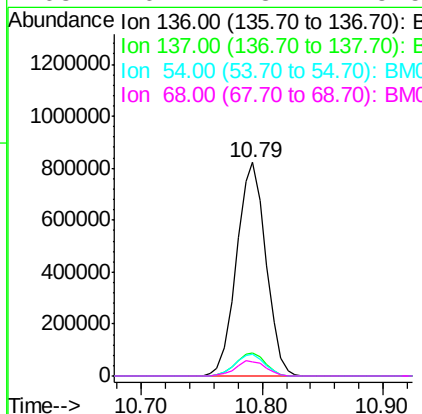
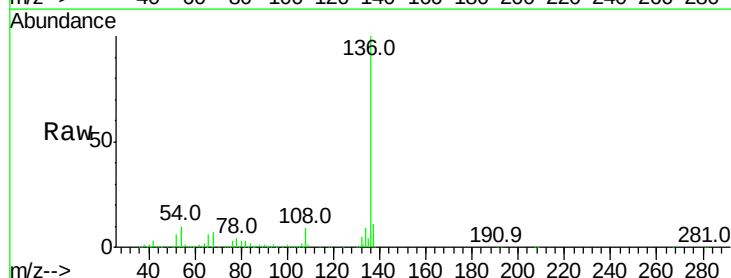
Delta R.T. -0.01 min

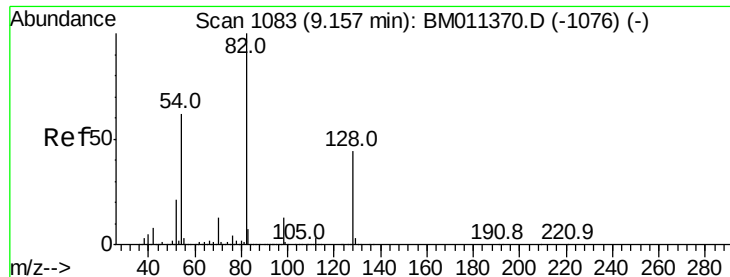
Lab File: BM011429.D

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

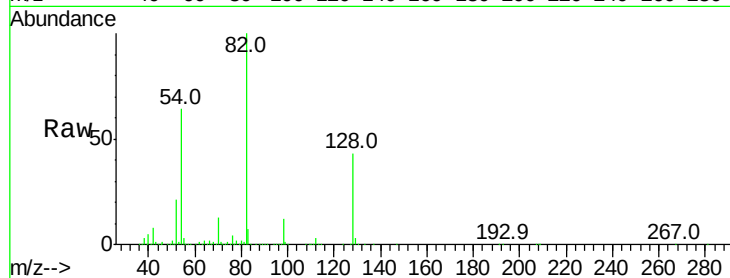
Tot Ion: 82 Resp: 2350151

Ion Ratio Lower Upper

82 100

128 43.2 32.8 49.2

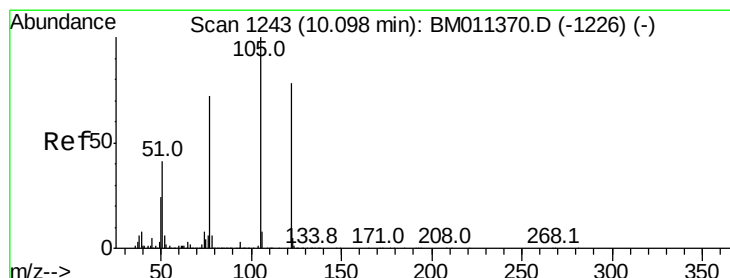
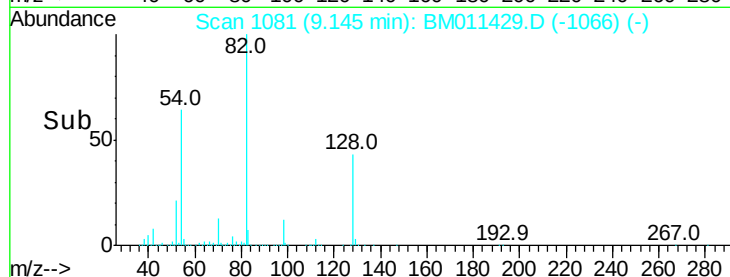
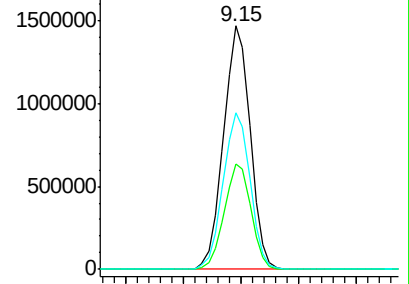
54 64.2 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM011370.D (-1076) (-)

Ion 128.00 (127.70 to 128.70): BM011370.D (-1076) (-)

Ion 54.00 (53.70 to 54.70): BM011370.D (-1076) (-)



#32

Benzoic acid

Concen: 6.571 ng

RT: 9.98 min Scan# 1223

Delta R.T. -0.12 min

Lab File: BM011429.D

Acq: 05 Sep 2017 12:49

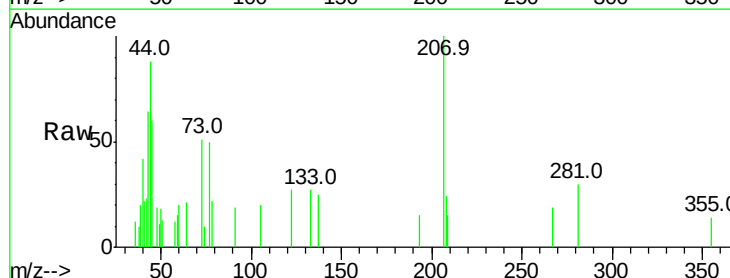
Tgt Ion: 122 Resp: 531

Ion Ratio Lower Upper

122 100

105 72.6 99.9 139.9#

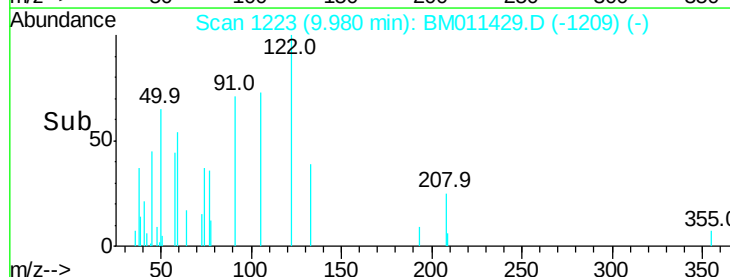
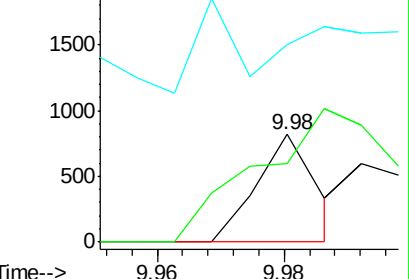
77 183.8 73.7 113.7#

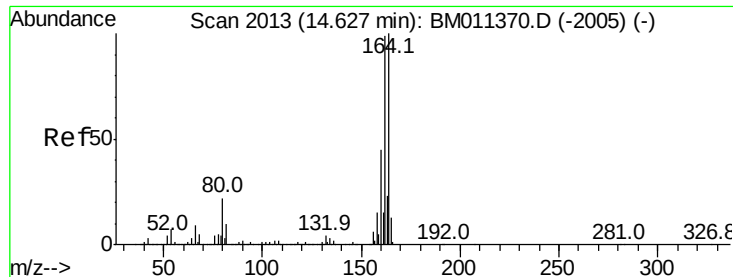


Abundance Ion 122.00 (121.70 to 122.70): BM011429.D (-1209) (-)

Ion 105.00 (104.70 to 105.70): BM011429.D (-1209) (-)

Ion 77.00 (76.70 to 77.70): BM011429.D (-1209) (-)





#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

Instrument :

BNA_M

ClientSampleId :

RT3992-20-41-RT3451-1550

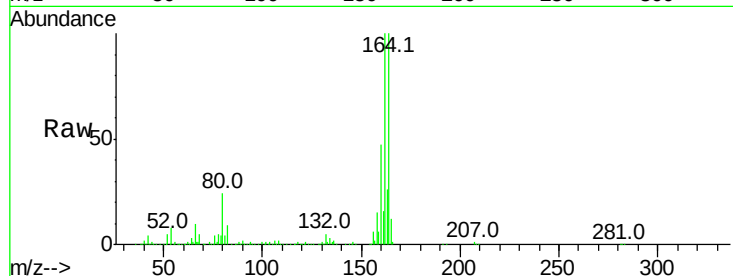
Tot Ion:164 Resp: 749556

Ion Ratio Lower Upper

164 100

162 99.9 82.4 123.6

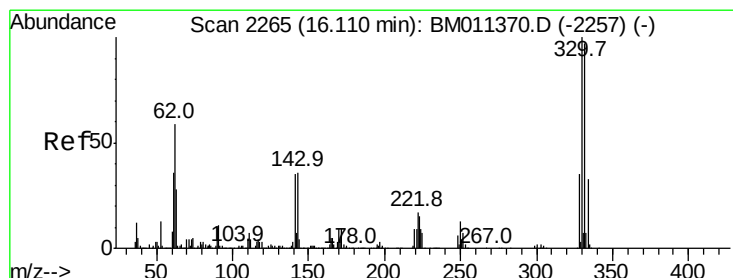
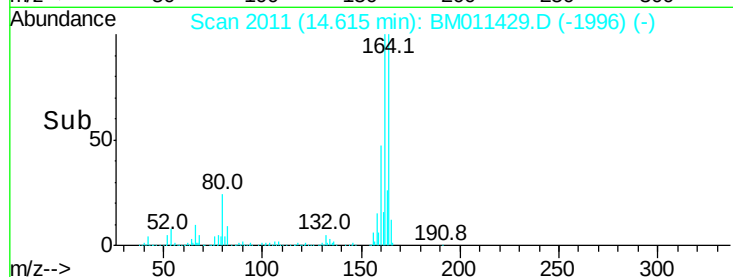
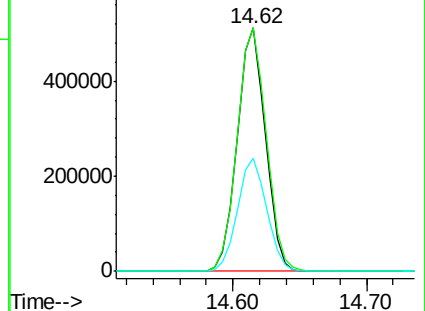
160 46.6 35.8 53.6



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: 162.319 ng

RT: 16.10 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BM011429.D

Acq: 05 Sep 2017 12:49

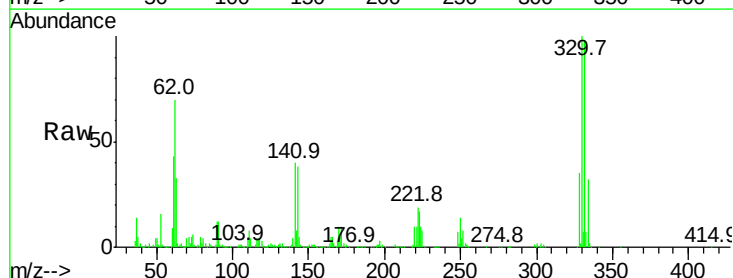
Tgt Ion:330 Resp: 1407641

Ion Ratio Lower Upper

330 100

332 96.6 0.0 0.0#

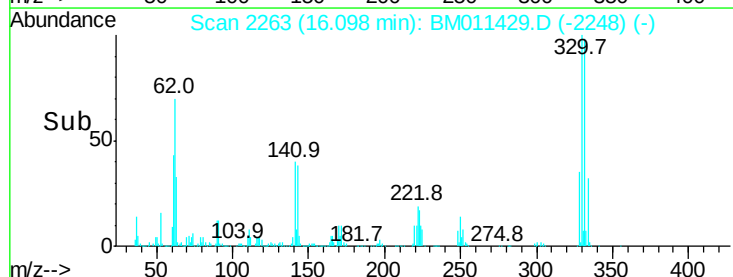
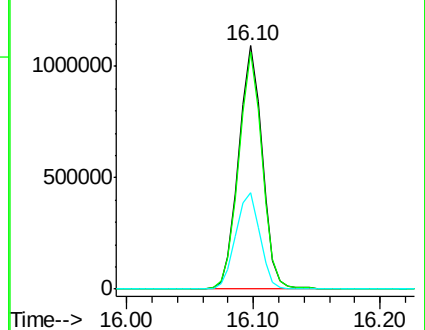
141 40.9 0.0 0.0#

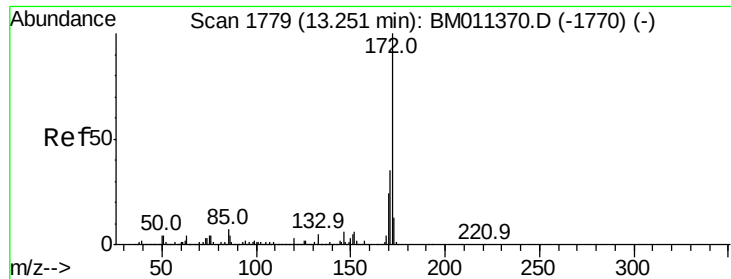


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



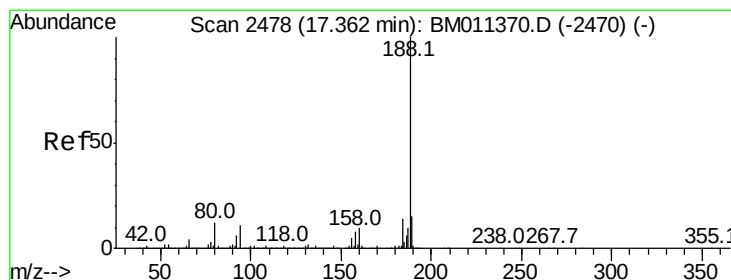
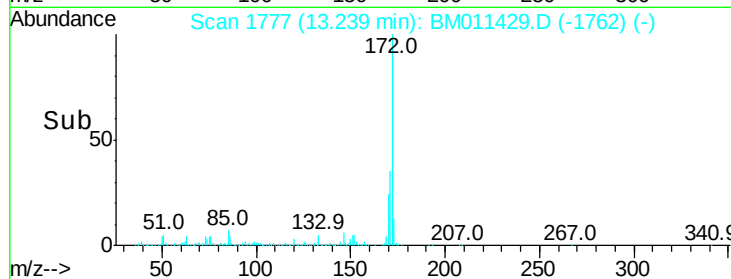
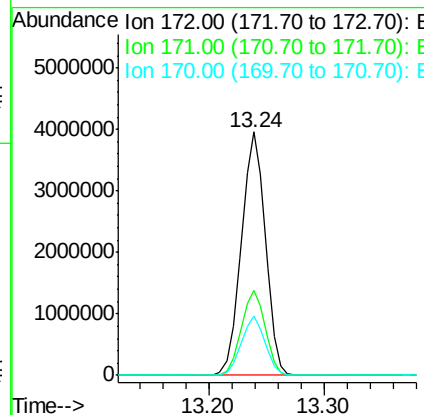
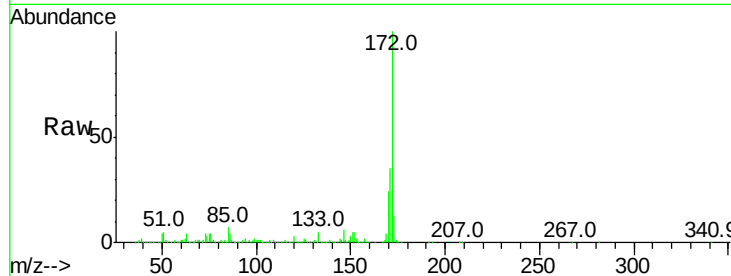


#44
 2-Fluorobiphenyl
 Concen: 109.058 ng
 RT: 13.24 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BM011429.D
 Acq: 05 Sep 2017 12:49

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

Tot Ion:172 Resp: 5670907

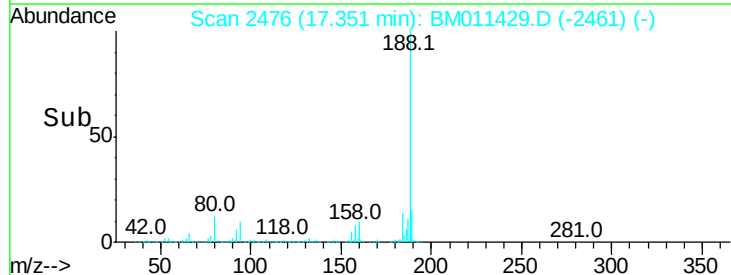
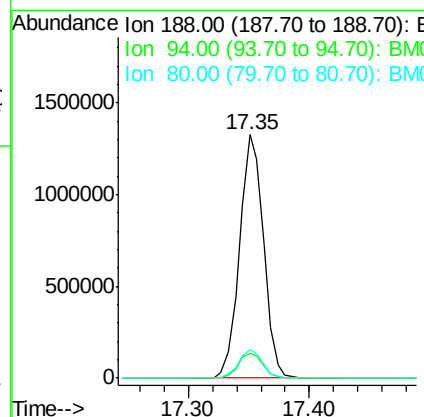
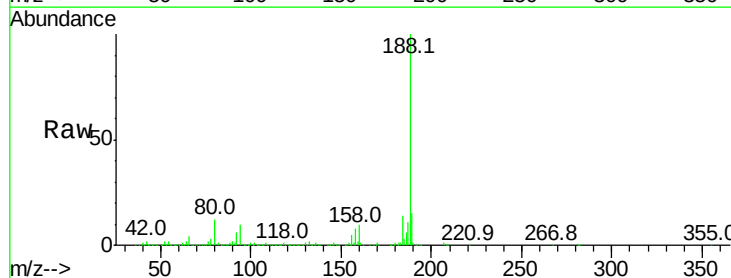
Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	24.2	18.8	28.2

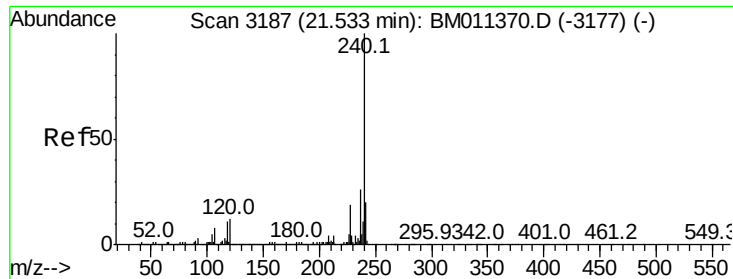


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.35 min Scan# 2476
 Delta R.T. -0.01 min
 Lab File: BM011429.D
 Acq: 05 Sep 2017 12:49

Tgt Ion:188 Resp: 1836101

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.7	13.1
80	11.8	9.3	13.9

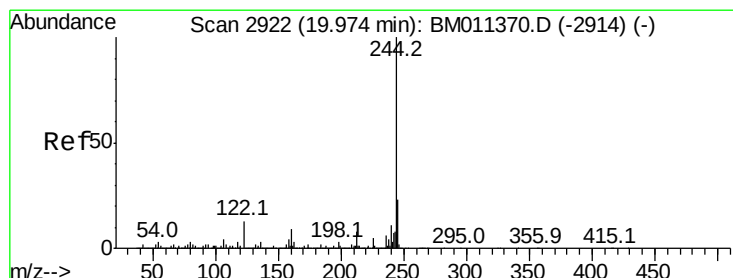
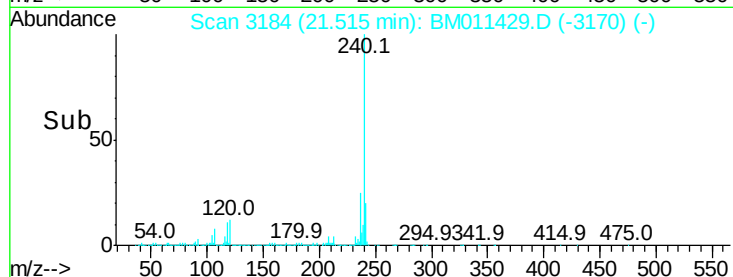
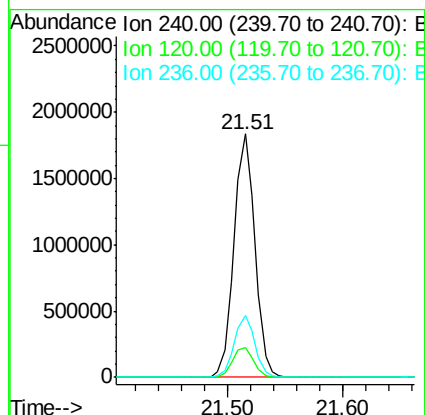
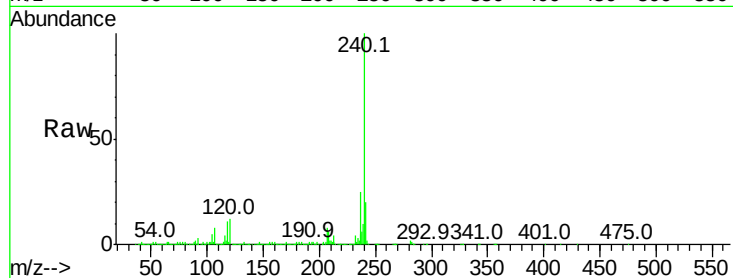




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3184
Delta R.T. -0.02 min
Lab File: BM011429.D
Acq: 05 Sep 2017 12:49

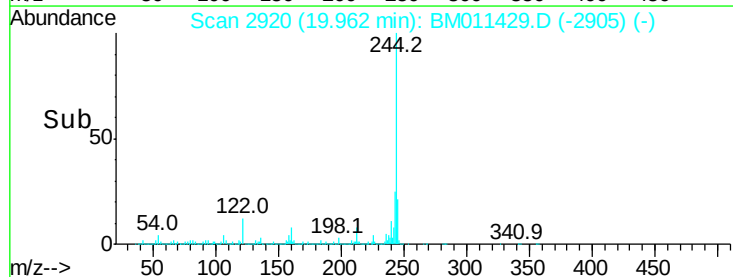
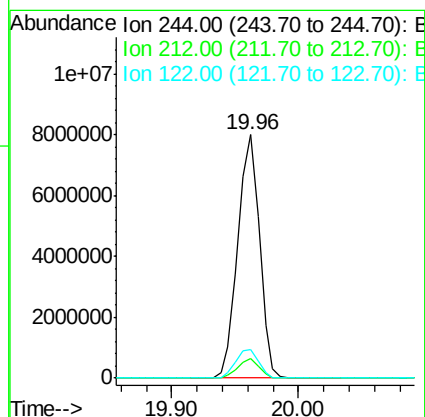
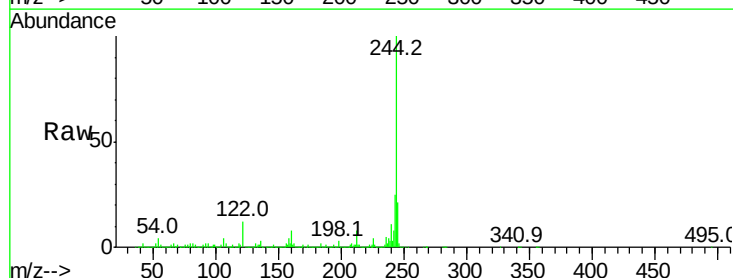
Instrument :
BNA_M
ClientSampleId :
RT3992-20-41-RT3451-1550

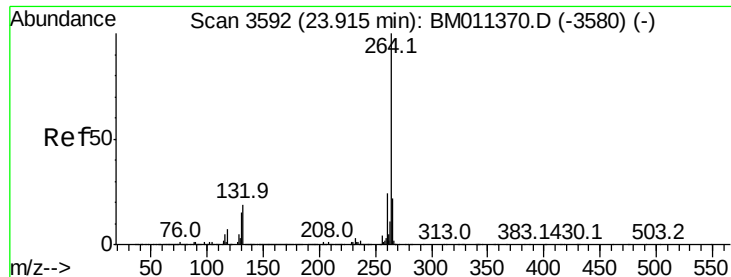
Tot Ion:240 Resp: 2307336
Ion Ratio Lower Upper
240 100
120 12.4 8.2 12.2#
236 25.4 20.0 30.0



#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

Tgt Ion:244 Resp: 9432269
Ion Ratio Lower Upper
244 100
212 7.9 4.9 7.3#
122 11.7 6.2 9.4#



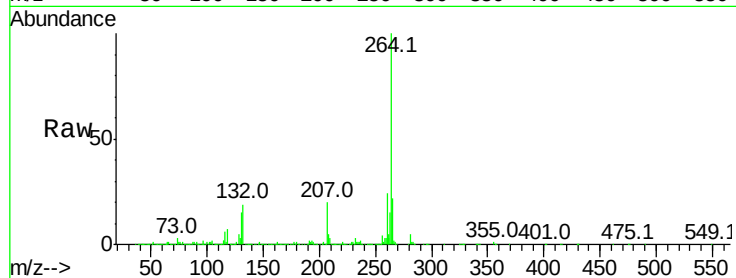


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.90 min Scan# 3589
Delta R.T. -0.02 min
Lab File: BM011429.D
Acq: 05 Sep 2017 12:49

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

Tot Ion:264 Resp: 2167447

Ion	Ratio	Lower	Upper
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

