

Data Path : Z:\HPCHEM1\BNA M\DATA\BM090217\
 Data File : BM011410.D
 Acq On : 02 Sep 2017 11:53
 Operator : SJ/JU
 Sample : PB102037BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB102037BL

Quant Time: Sep 04 02:59:25 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

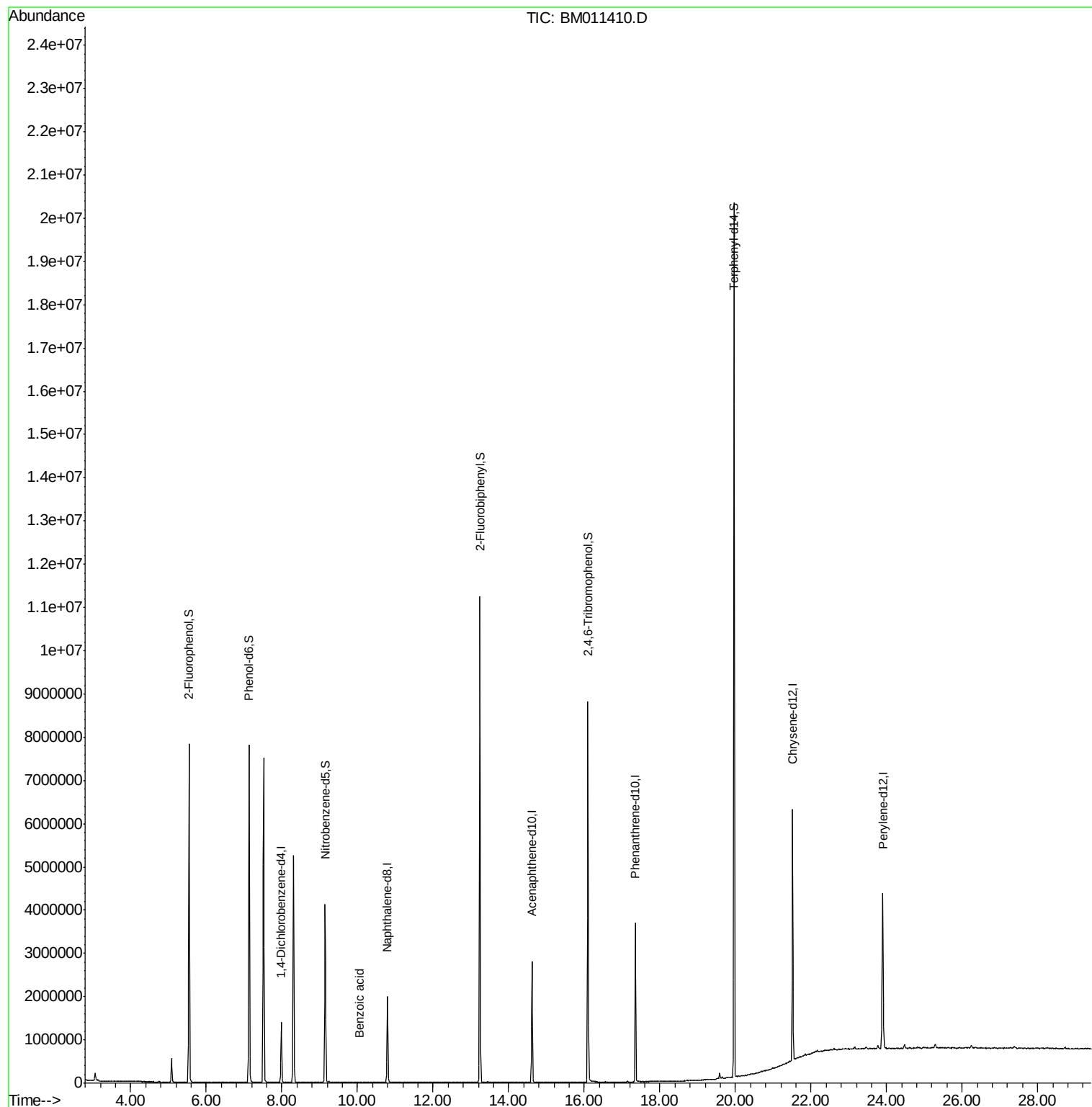
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	374666	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	1627993	20.00	ng	-0.01
38) Acenaphthene-d10	14.62	164	925605	20.00	ng	-0.01
63) Phenanthrene-d10	17.36	188	2122540	20.00	ng	0.00
75) Chrysene-d12	21.51	240	2637378	20.00	ng	-0.02
86) Perylene-d12	23.90	264	2636585	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	3242170	145.66	ng	0.00
7) Phenol-d6	7.13	99	4217845	136.66	ng	0.00
23) Nitrobenzene-d5	9.15	82	2222040	89.94	ng	-0.01
41) 2,4,6-Tribromophenol	16.10	330	1399691	130.70	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	5634026	87.74	ng	-0.01
78) Terphenyl-d14	19.96	244	8065625	75.88	ng	-0.01
Target Compounds						
32) Benzoic acid	10.05	122	401	6.560	ng	Qvalue # 61

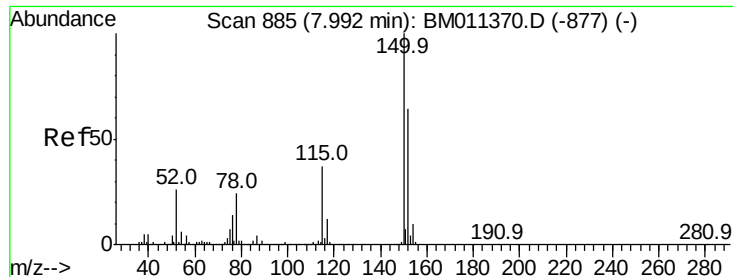
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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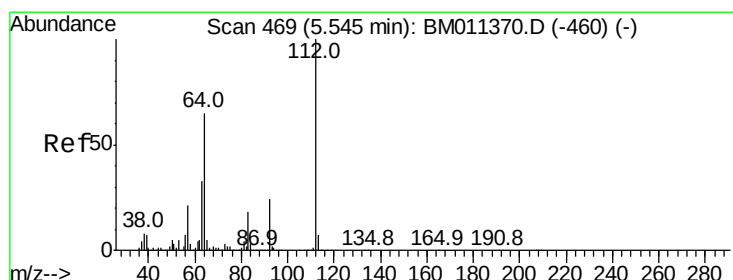
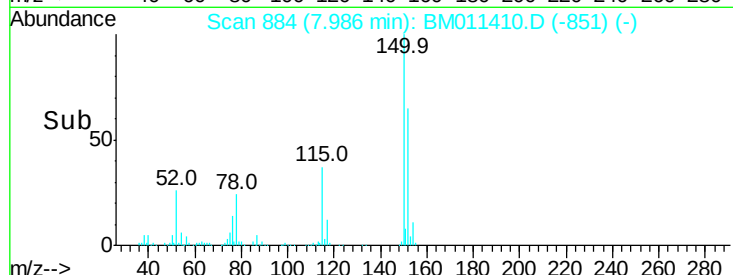
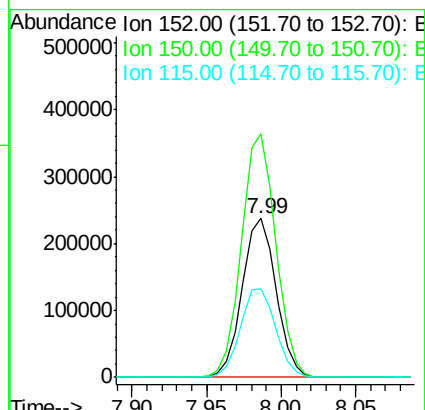
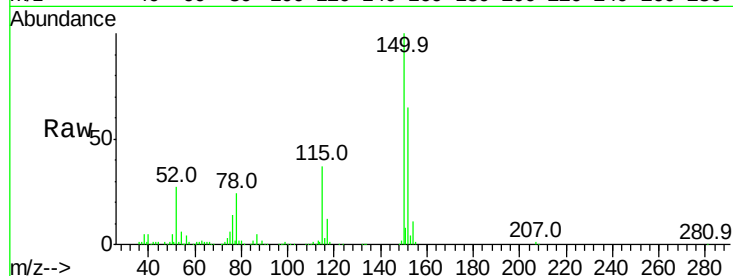


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM011410.D
Acq: 02 Sep 2017 11:53

Instrument :
BNA_M
ClientSampleId :
PB102037BL

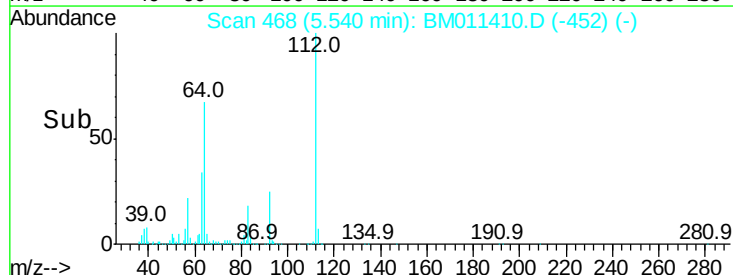
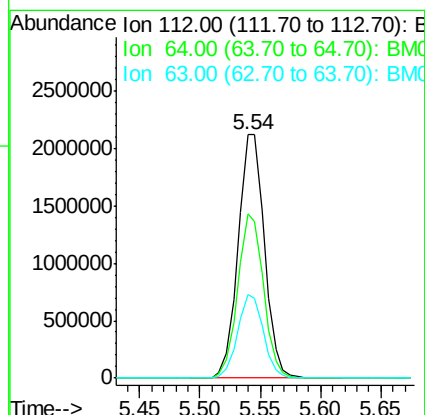
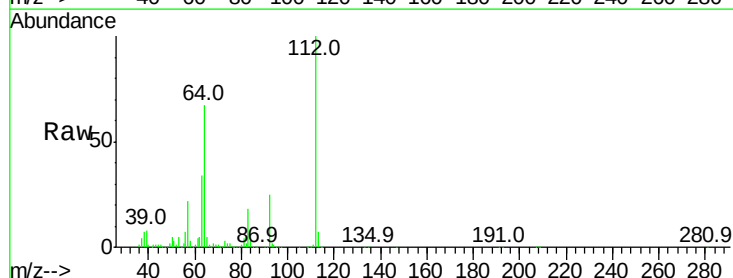
Tot Ion:152 Resp: 374666
Ion Ratio Lower Upper
152 100
150 153.2 119.5 179.3
115 56.0 43.0 64.4

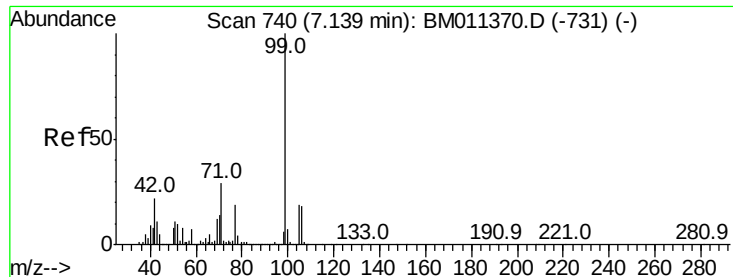


#5

2-Fluorophenol
Concen: 145.662 ng
RT: 5.54 min Scan# 468
Delta R.T. -0.01 min
Lab File: BM011410.D
Acq: 02 Sep 2017 11:53

Tgt Ion:112 Resp: 3242170
Ion Ratio Lower Upper
112 100
64 67.3 38.6 57.8#
63 34.4 19.3 28.9#





#7

Phenol-d6

Concen: 136.661 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011410.D

Acq: 02 Sep 2017 11:53

Instrument :

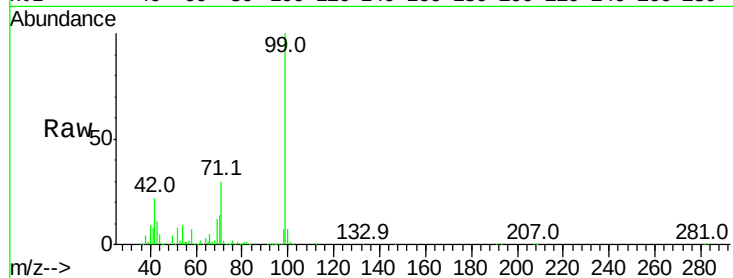
BNA_M

ClientSampleId :

PB102037BL

Tot Ion: 99 Resp: 4217845

Ion	Ratio	Lower	Upper
99	100		
42	21.9	11.0	16.4#
71	29.8	23.4	35.2

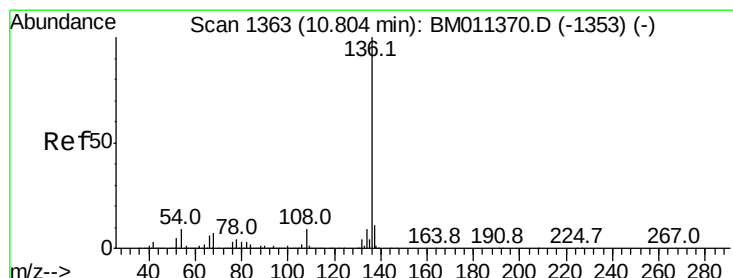
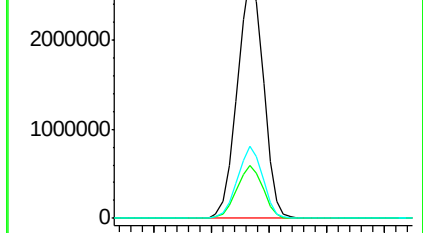
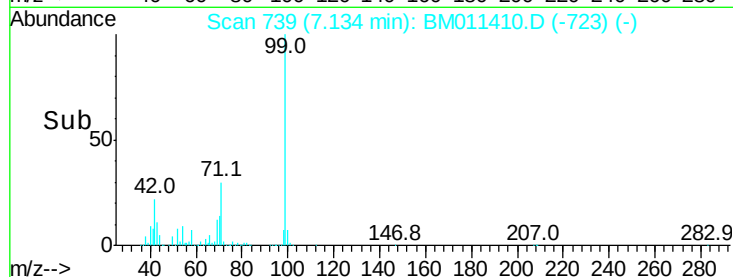


Abundance Ion 99.00 (98.70 to 99.70): BM011370.D (-731) (-)

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: 10.79 min Scan# 1361

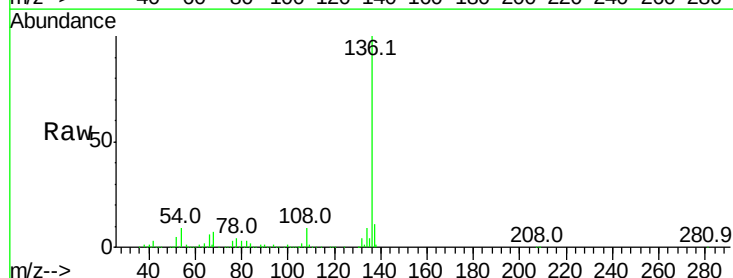
Delta R.T. -0.01 min

Lab File: BM011410.D

Acq: 02 Sep 2017 11:53

Tgt Ion: 136 Resp: 1627993

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.4	4.6	6.8#
68	7.3	3.7	5.5#



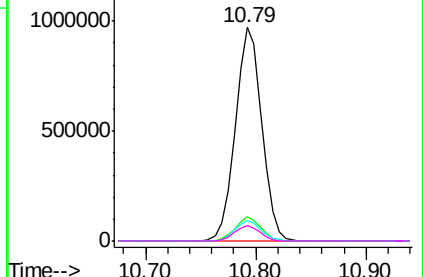
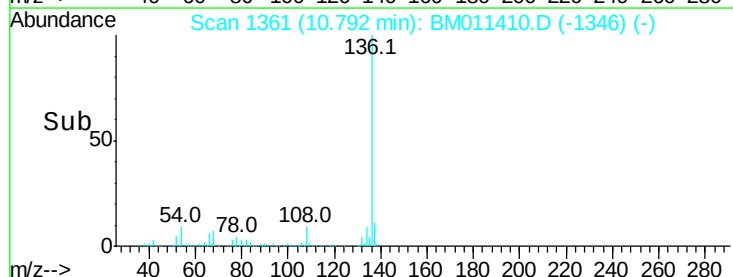
Abundance Ion 136.00 (135.70 to 136.70): BM011370.D (-1353) (-)

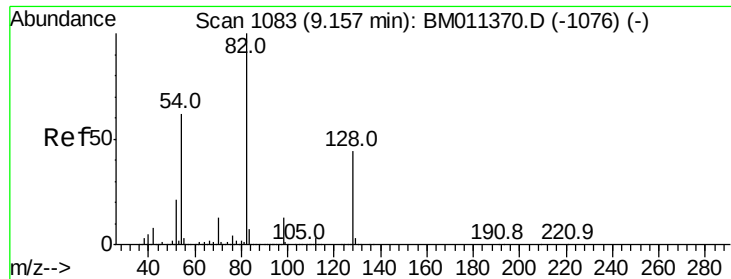
Ion 137.00 (136.70 to 137.70): BM011370.D (-1353) (-)

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

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

Time-->

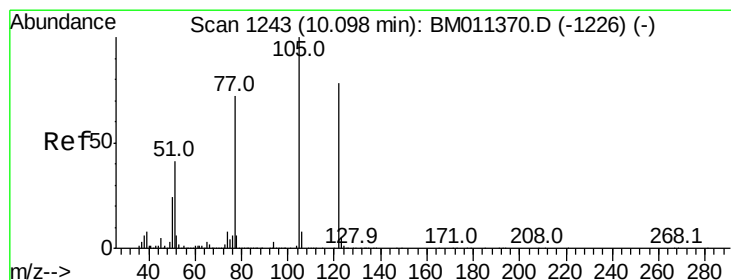
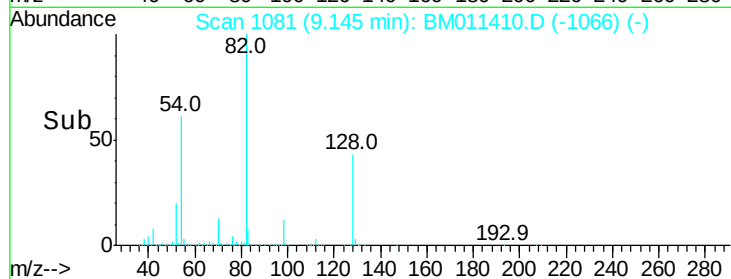
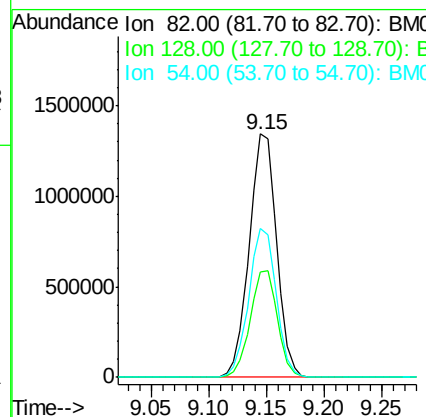
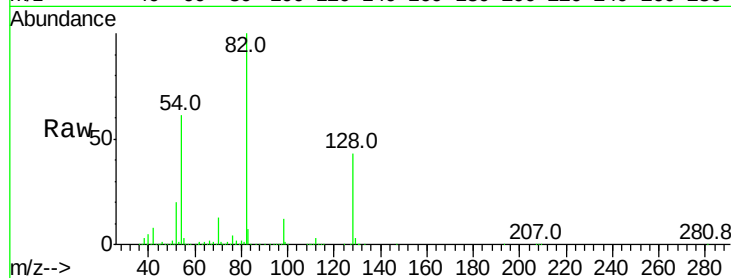




#23
 Nitrobenzene-d5
 Concen: 89.944 ng
 RT: 9.15 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BM011410.D
 Acq: 02 Sep 2017 11:53

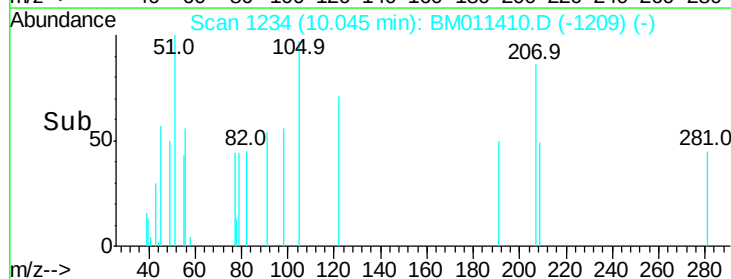
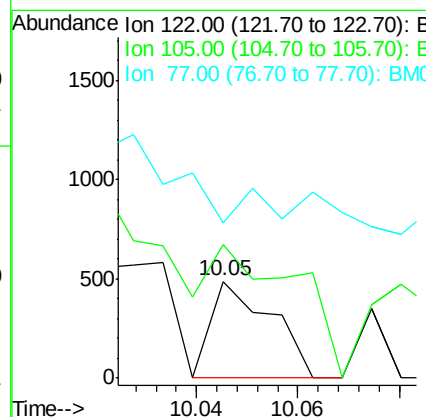
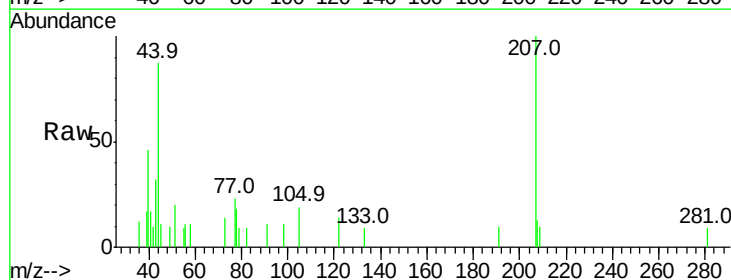
Instrument :
 BNA_M
 ClientSampleId :
 PB102037BL

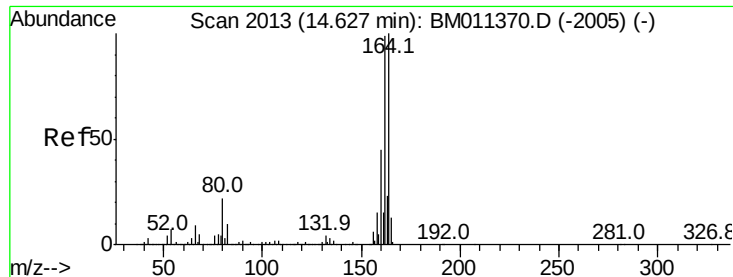
Tot Ion: 82 Resp: 2222040
 Ion Ratio Lower Upper
 82 100
 128 43.4 32.8 49.2
 54 61.2 40.6 60.8#



#32
 Benzoic acid
 Concen: 6.560 ng
 RT: 10.05 min Scan# 1234
 Delta R.T. -0.05 min
 Lab File: BM011410.D
 Acq: 02 Sep 2017 11:53

Tgt Ion: 122 Resp: 401
 Ion Ratio Lower Upper
 122 100
 105 137.6 99.9 139.9
 77 159.7 73.7 113.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BM011410.D

Acq: 02 Sep 2017 11:53

Instrument :

BNA_M

ClientSampleId :

PB102037BL

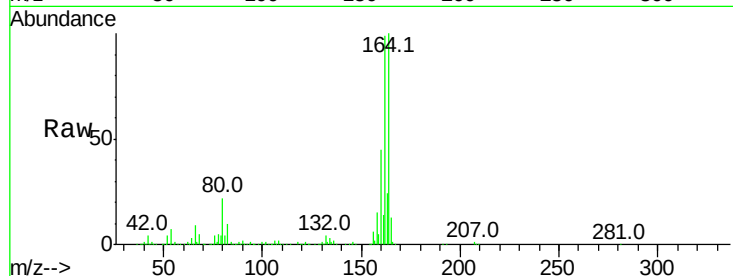
Tot Ion:164 Resp: 925605

Ion Ratio Lower Upper

164 100

162 99.4 82.4 123.6

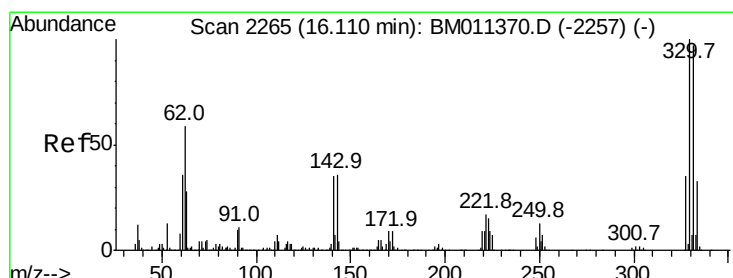
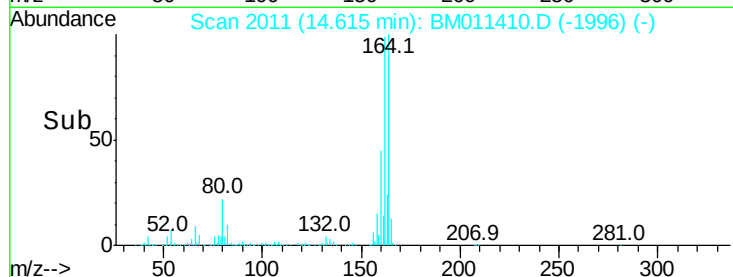
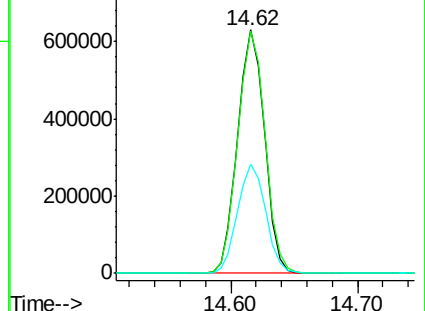
160 44.7 35.8 53.6



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: 130.704 ng

RT: 16.10 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BM011410.D

Acq: 02 Sep 2017 11:53

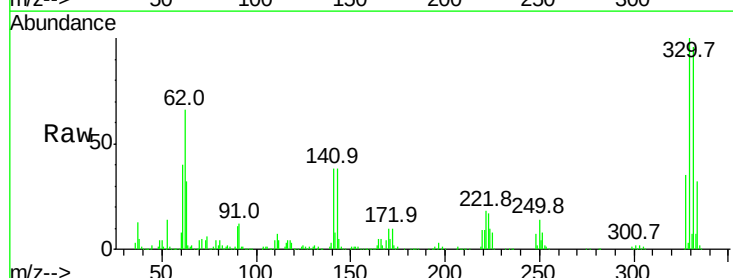
Tgt Ion:330 Resp: 1399691

Ion Ratio Lower Upper

330 100

332 96.3 0.0 0.0#

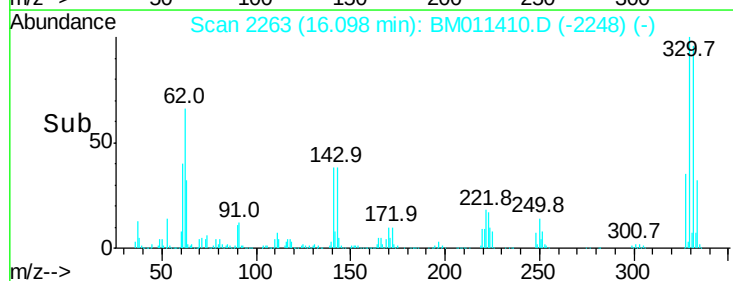
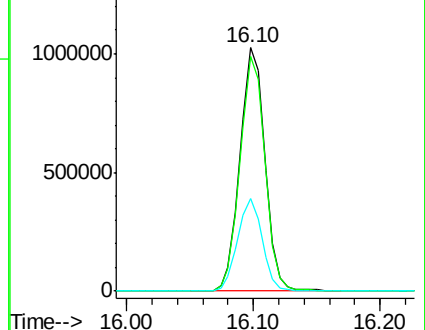
141 37.7 0.0 0.0#

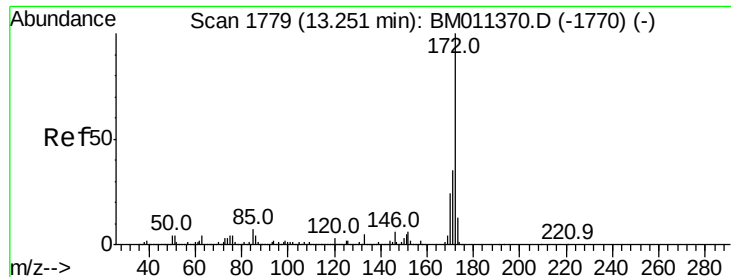


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



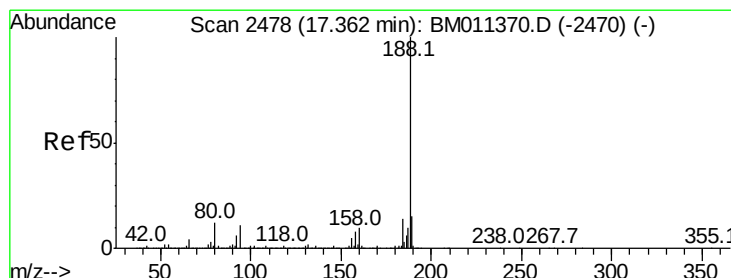
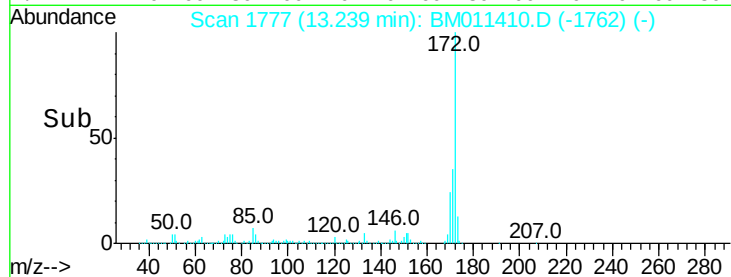
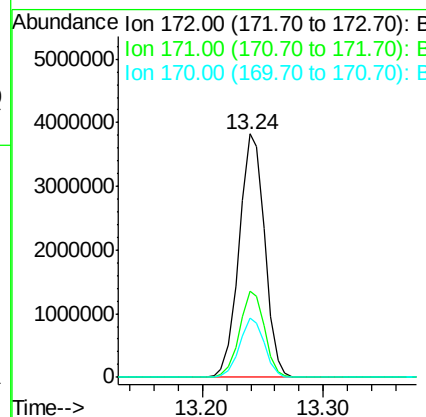
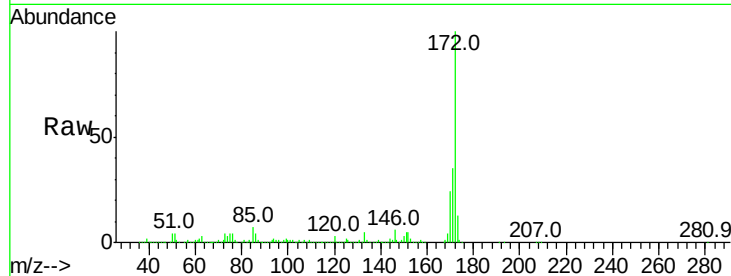


#44
 2-Fluorobiphenyl
 Concen: 87.741 ng
 RT: 13.24 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BM011410.D
 Acq: 02 Sep 2017 11:53

Instrument :
 BNA_M
 ClientSampleId :
 PB102037BL

Tot Ion:172 Resp: 5634026

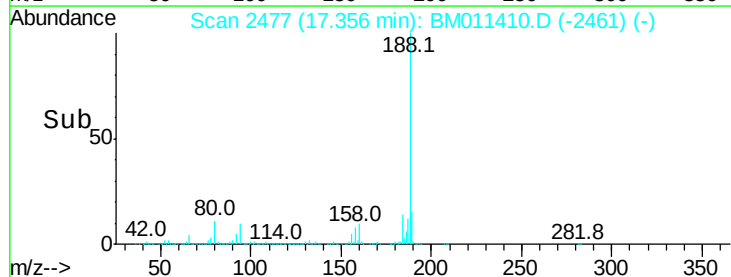
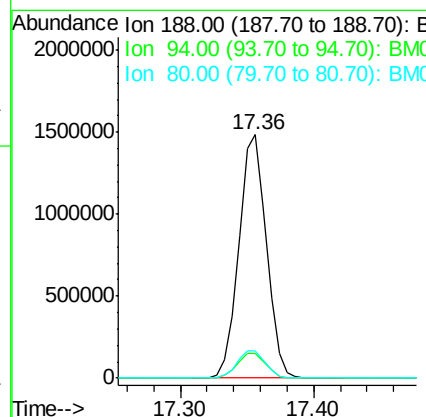
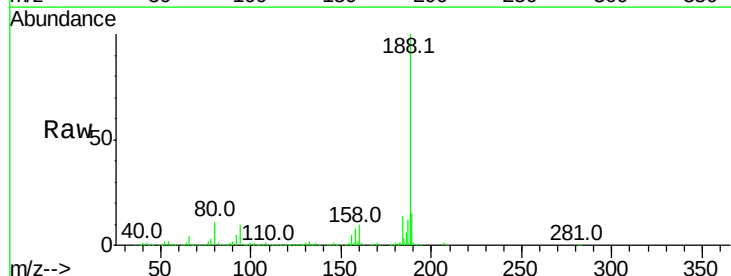
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	24.1	18.8	28.2

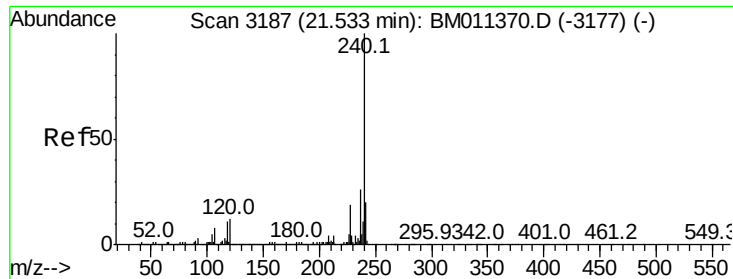


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.36 min Scan# 2477
 Delta R.T. -0.01 min
 Lab File: BM011410.D
 Acq: 02 Sep 2017 11:53

Tgt Ion:188 Resp: 2122540

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.7	13.1
80	11.3	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: BM011410.D

Acq: 02 Sep 2017 11:53

Instrument :

BNA_M

ClientSampleId :

PB102037BL

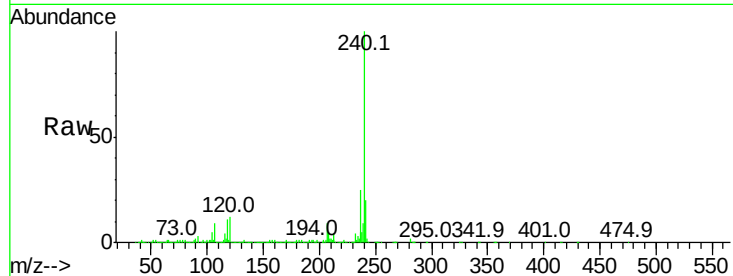
Tot Ion:240 Resp: 2637378

Ion	Ratio	Lower	Upper
240	100		
120	12.4	8.2	12.2#
236	25.4	20.0	30.0

240 100

120 12.4 8.2 12.2#

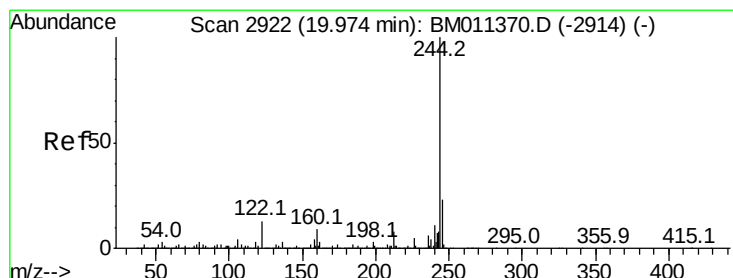
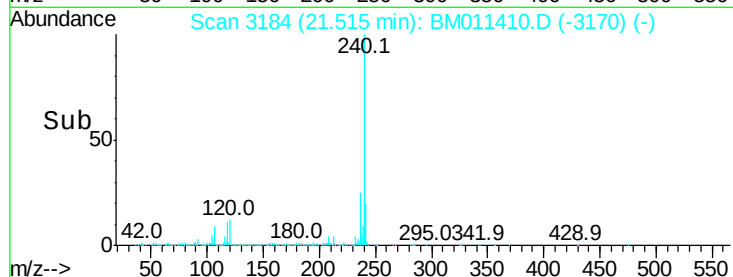
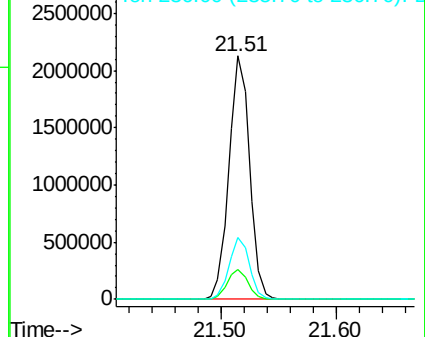
236 25.4 20.0 30.0



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: 75.881 ng

RT: 19.96 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BM011410.D

Acq: 02 Sep 2017 11:53

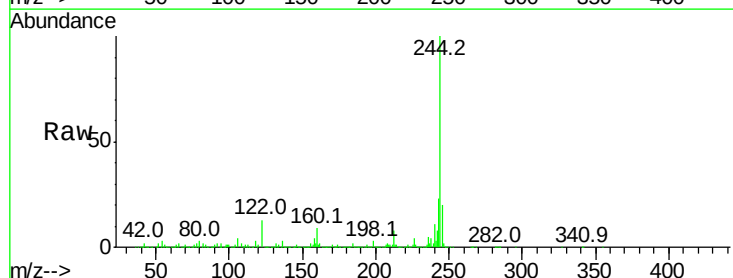
Tgt Ion:244 Resp: 8065625

Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.9	7.3#
122	12.6	6.2	9.4#

244 100

212 7.7 4.9 7.3#

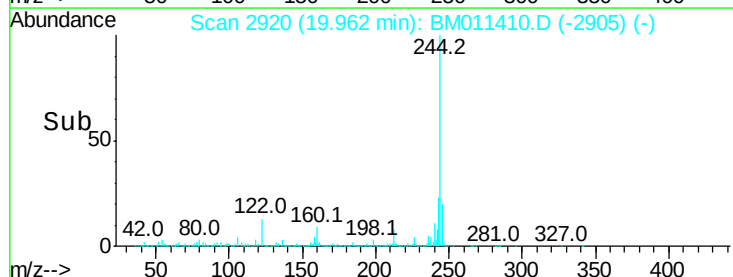
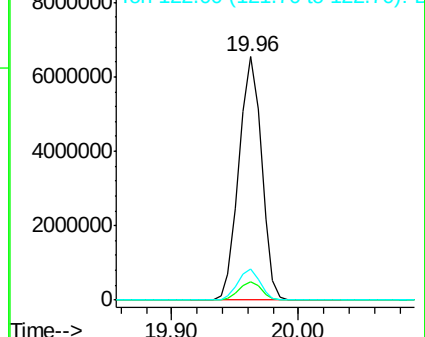
122 12.6 6.2 9.4#

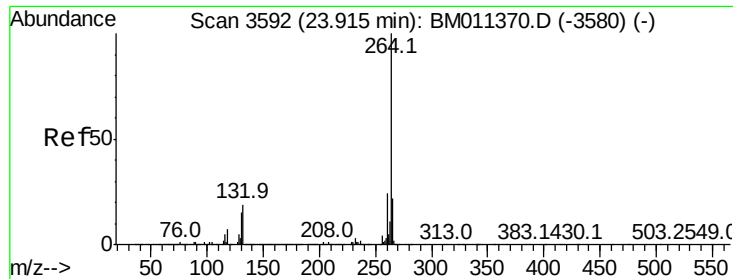


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.90 min Scan# 3589
Delta R.T. -0.02 min
Lab File: BM011410.D
Acq: 02 Sep 2017 11:53

Instrument :
BNA_M
ClientSampleId :
PB102037BL

Tot Ion: 264 Resp: 2636585

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	22.2	17.3	25.9

