

Data Path : \\74.0.250.170\SV0ASRV\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 03:55:44 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

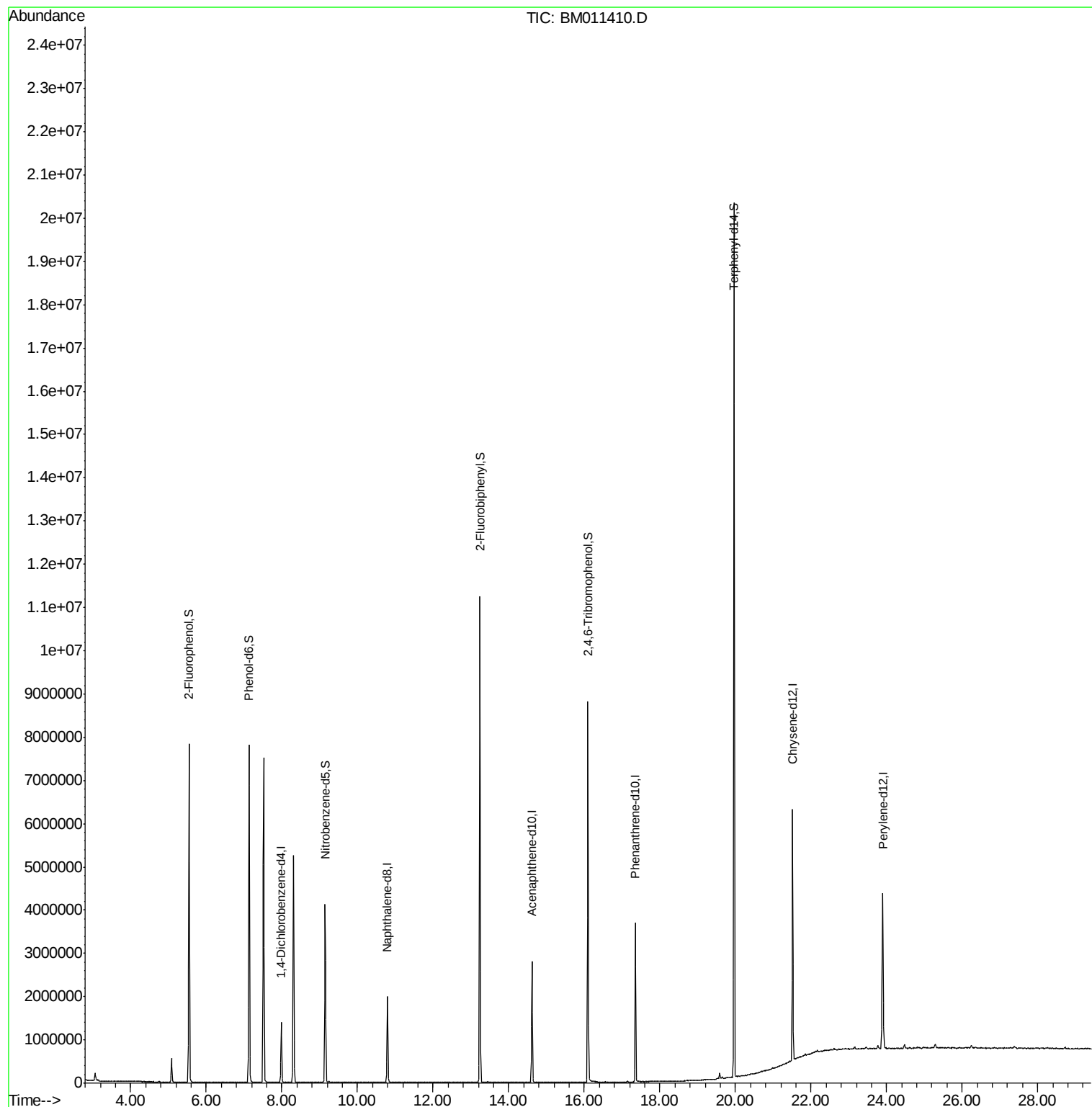
Target Compounds Qvalue

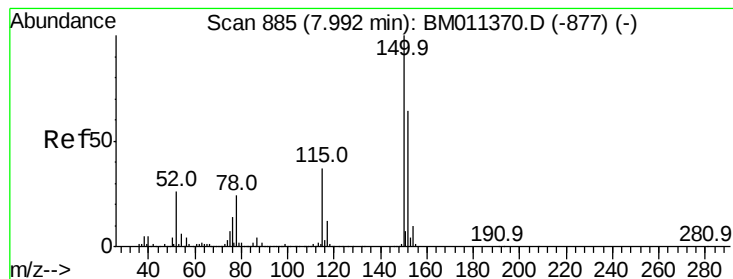
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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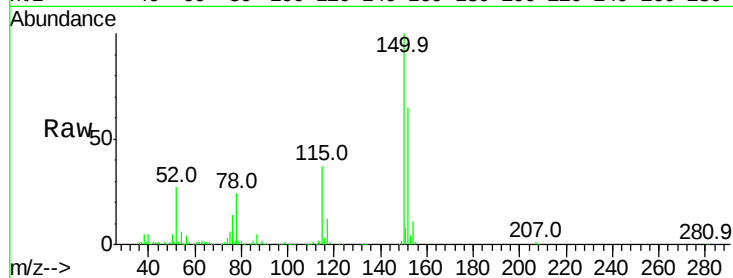


#1

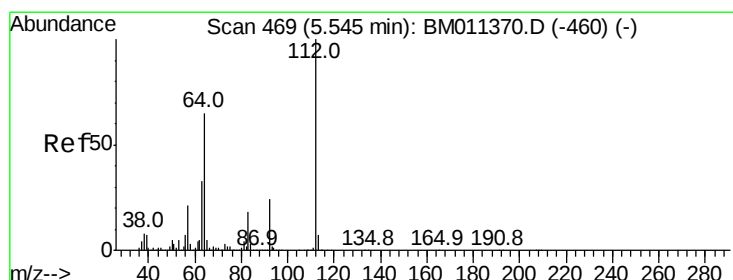
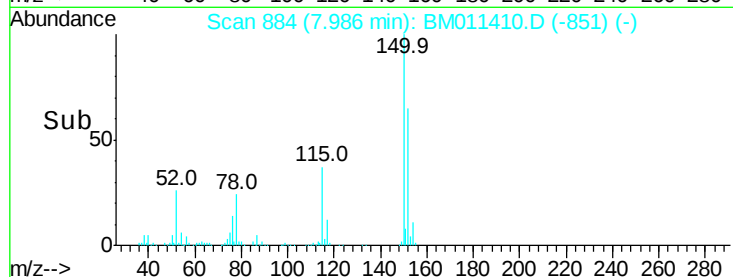
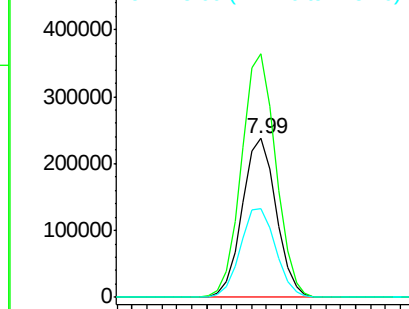
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM011410.D
Acq: 02 Sep 2017 11:53

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



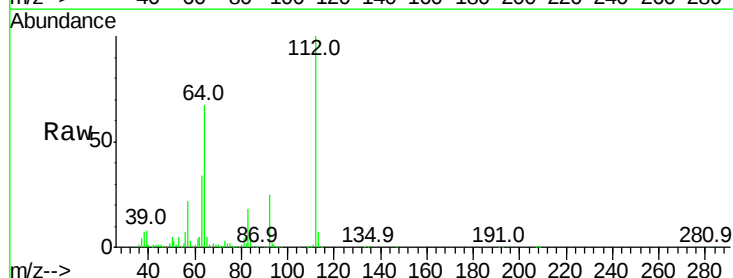
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



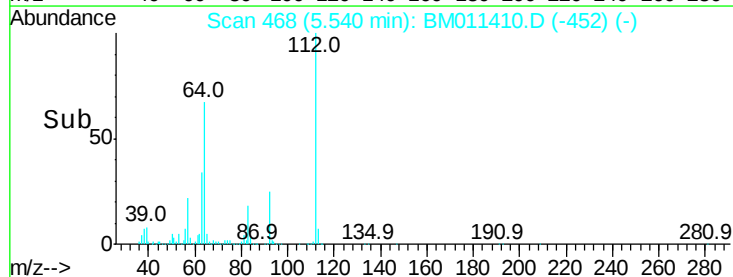
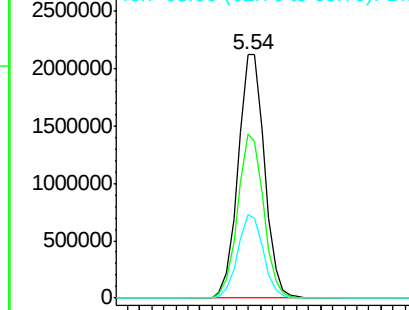
#5

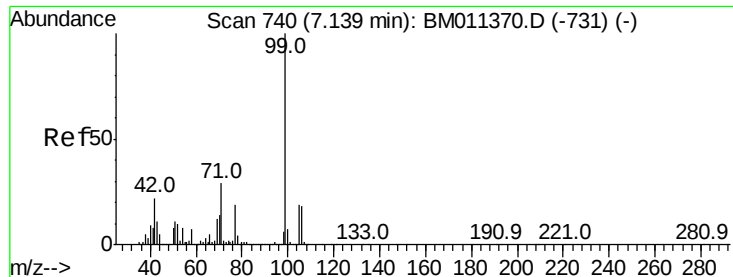
2-Fluorophenol
Concen: 145.662 ng
RT: 5.54 min Scan# 468
Delta R.T. -0.01 min
Lab File: BM011410.D
Acq: 02 Sep 2017 11:53

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#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#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 :

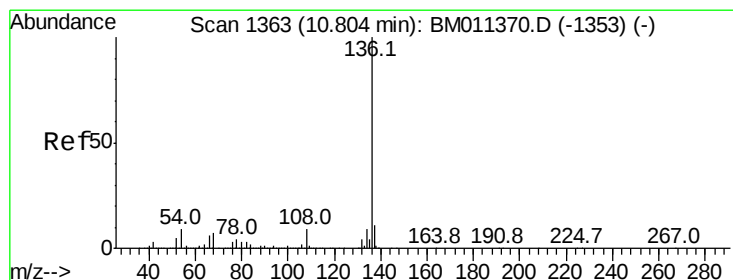
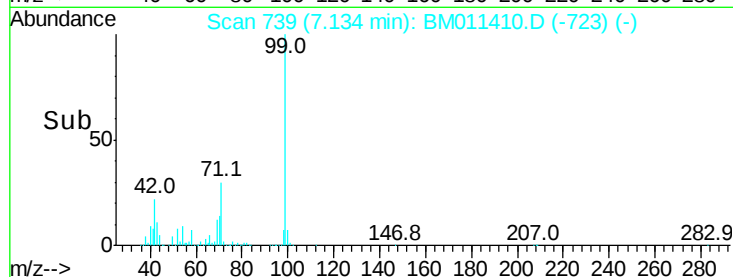
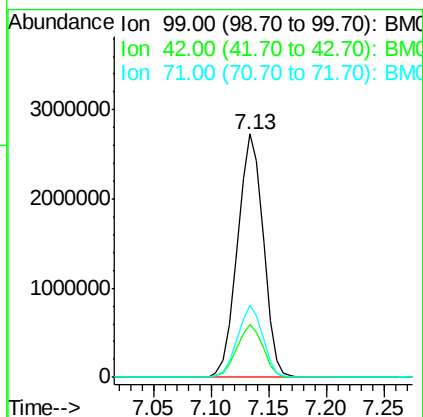
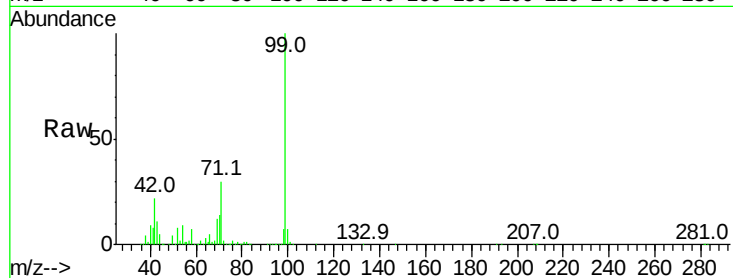
BNA_M

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1361

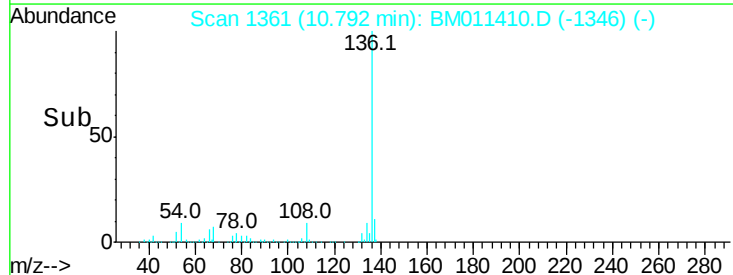
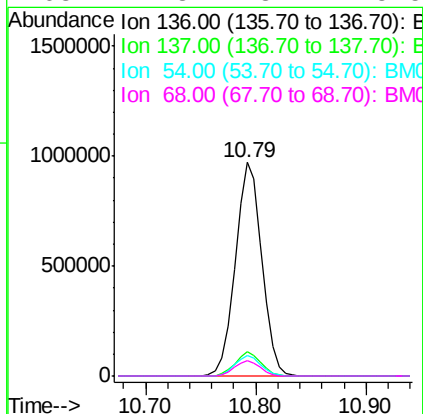
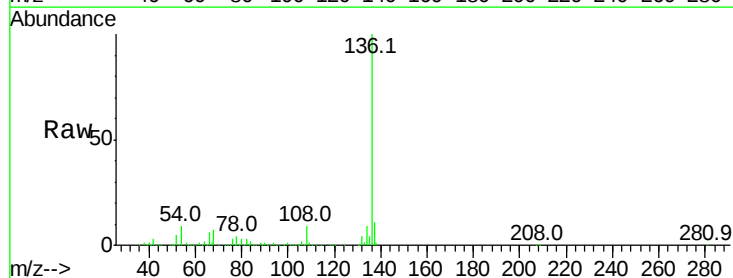
Delta R.T. -0.01 min

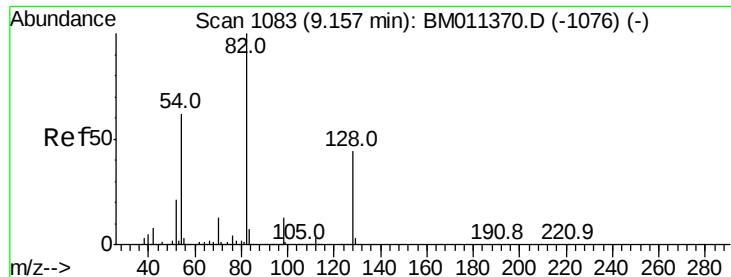
Lab File: BM011410.D

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#



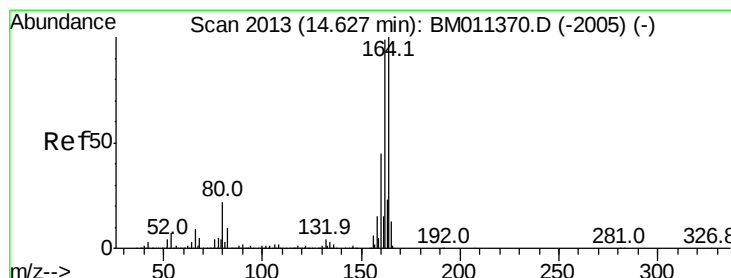
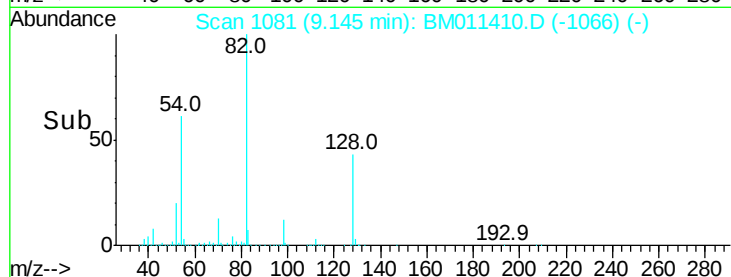
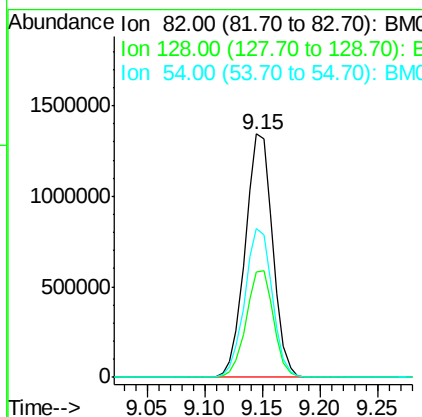
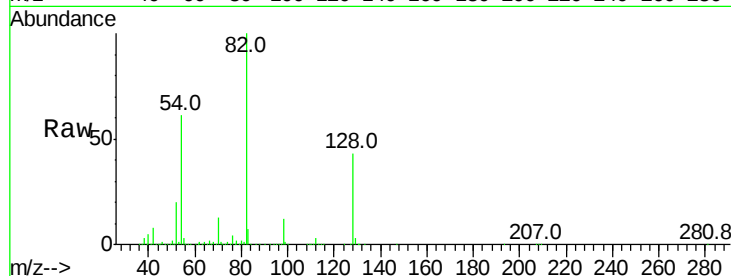


#23
 Nitrobenzene-d5
 Concen: 89.944 ng
 RT: 9.15 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BM011410.D
 Acq: 02 Sep 2017 11:53

Instrument :
 BNA_M
 ClientSampleID :
 PB102037BL

Tot Ion: 82 Resp: 2222040

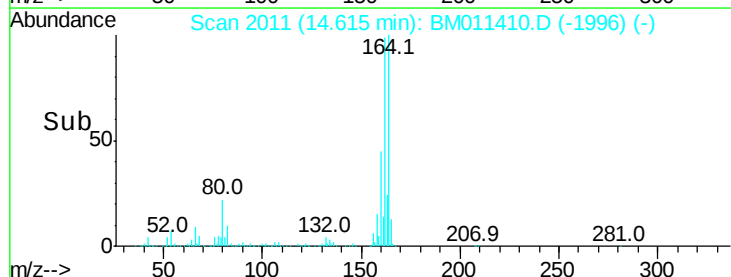
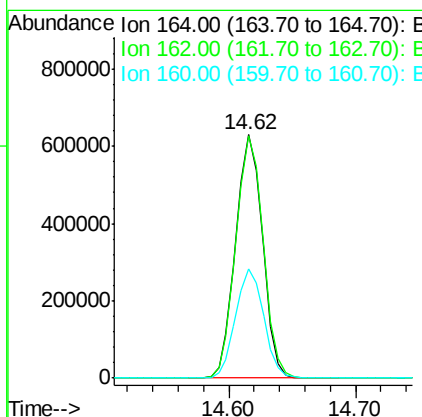
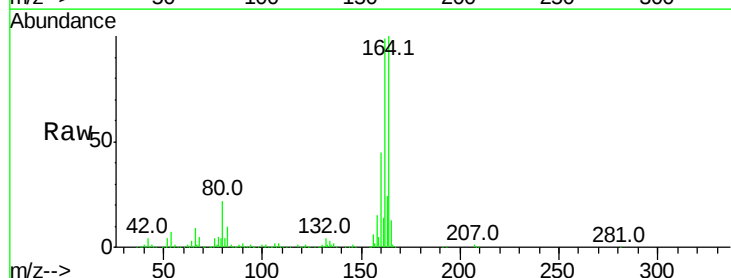
Ion	Ratio	Lower	Upper
82	100		
128	43.4	32.8	49.2
54	61.2	40.6	60.8#

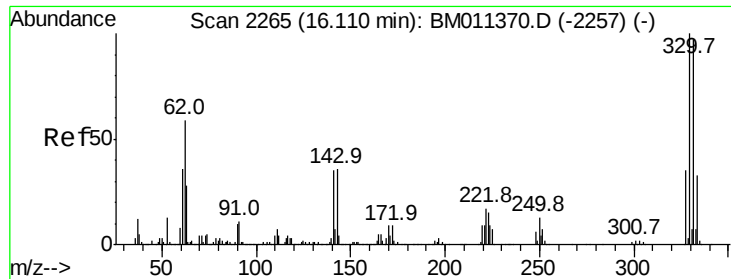


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BM011410.D
 Acq: 02 Sep 2017 11:53

Tgt Ion: 164 Resp: 925605

Ion	Ratio	Lower	Upper
164	100		
162	99.4	82.4	123.6
160	44.7	35.8	53.6

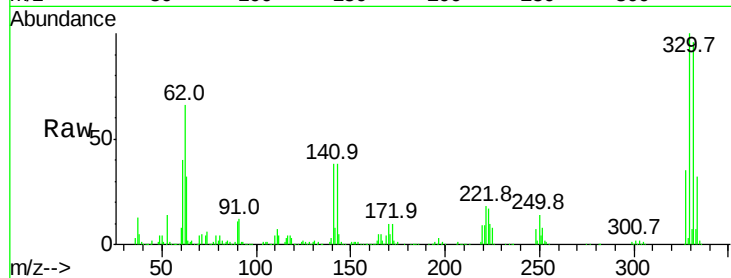




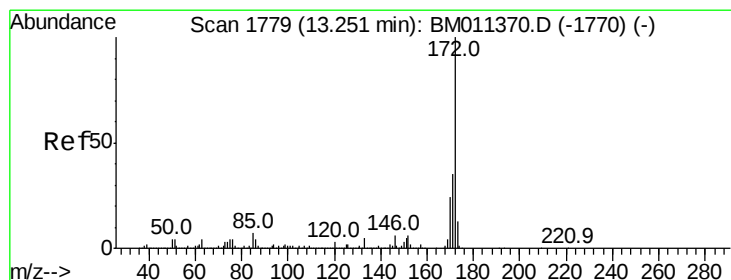
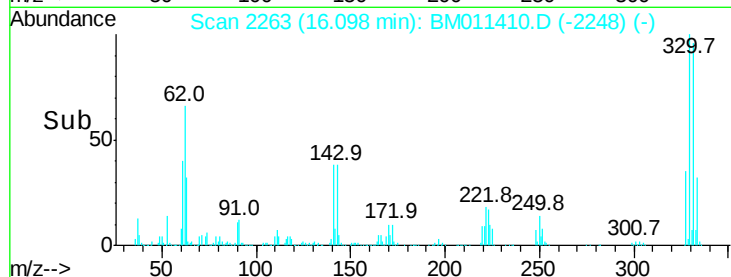
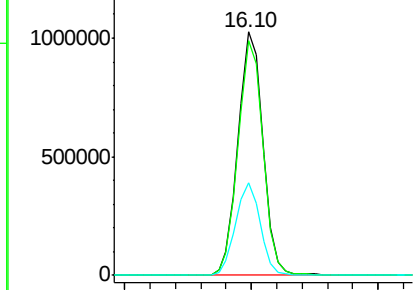
#41
 2,4,6-Tribromophenol
 Concen: 130.704 ng
 RT: 16.10 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BM011410.D
 Acq: 02 Sep 2017 11:53

Instrument :
 BNA_M
 ClientSampleId :
 PB102037BL

Tot Ion:330 Resp: 1399691
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 37.7 0.0 0.0#

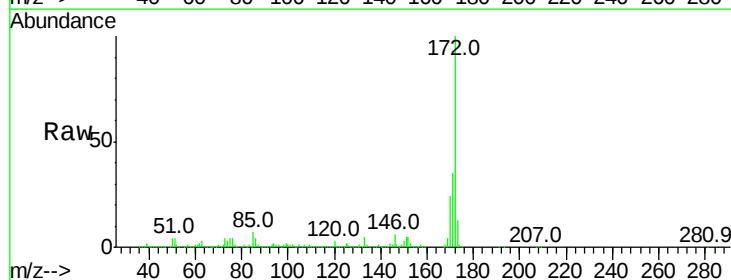


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

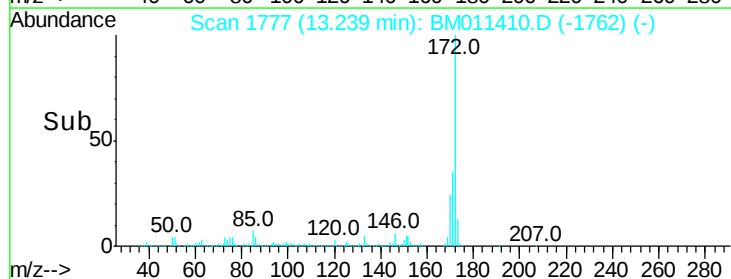
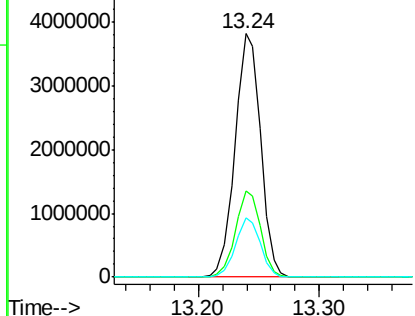


#44
 2-Fluorobiphenyl
 Concen: 87.741 ng
 RT: 13.24 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BM011410.D
 Acq: 02 Sep 2017 11:53

Tgt Ion:172 Resp: 5634026
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 24.1 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

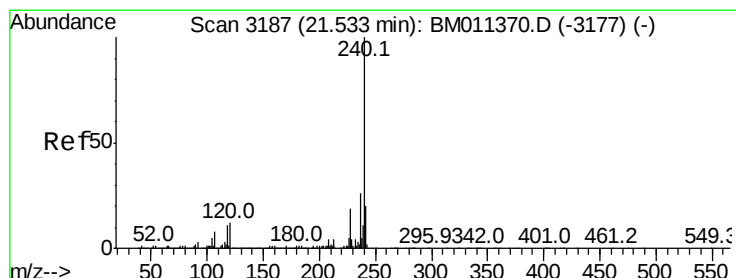
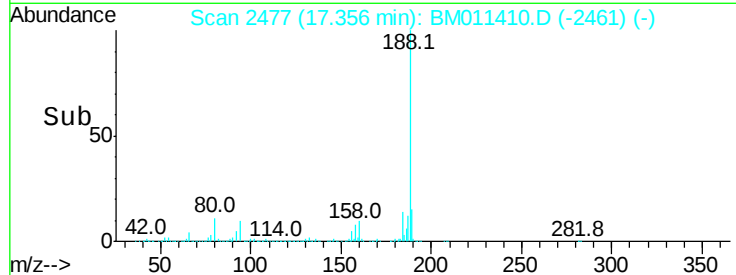
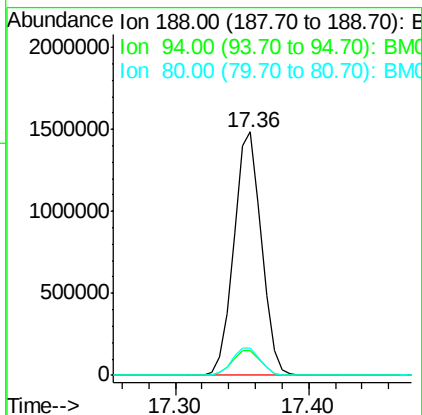
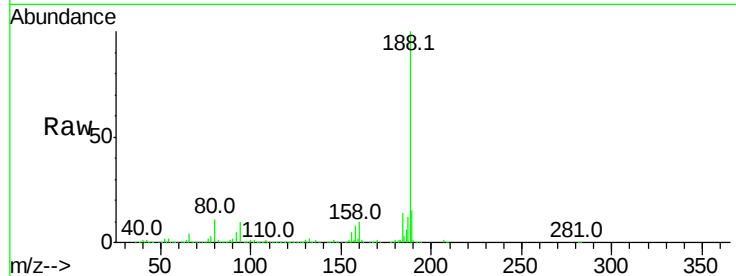




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2477
Delta R.T. -0.01 min
Lab File: BM011410.D
Acq: 02 Sep 2017 11:53

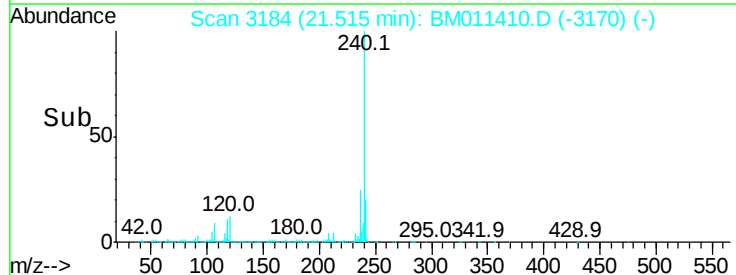
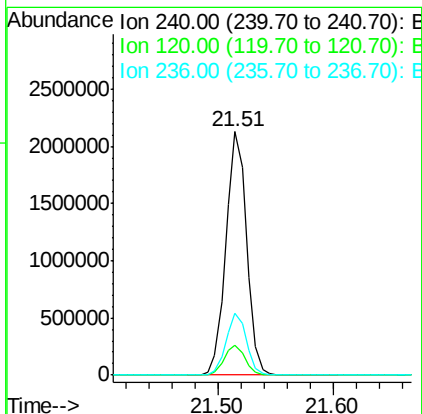
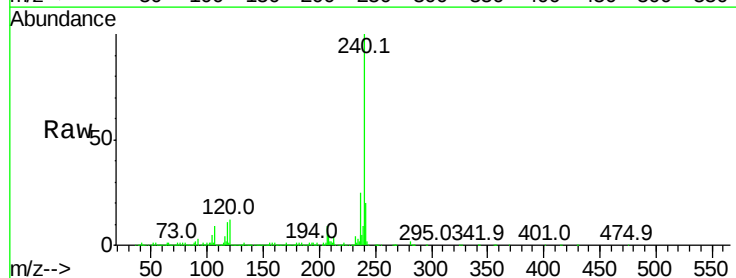
Instrument :
BNA_M
ClientSampleId :
PB102037BL

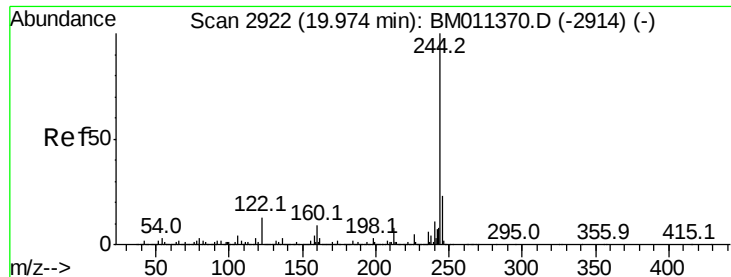
Tot Ion:188 Resp: 2122540
Ion Ratio Lower Upper
188 100
94 10.4 8.7 13.1
80 11.3 9.3 13.9



#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

Tgt Ion:240 Resp: 2637378
Ion Ratio Lower Upper
240 100
120 12.4 8.2 12.2#
236 25.4 20.0 30.0





#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

Instrument :

BNA_M

ClientSampleId :

PB102037BL

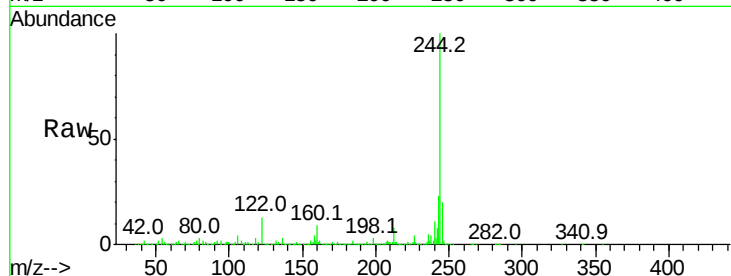
Tot Ion:244 Resp: 8065625

Ion Ratio Lower Upper

244 100

212 7.7 4.9 7.3#

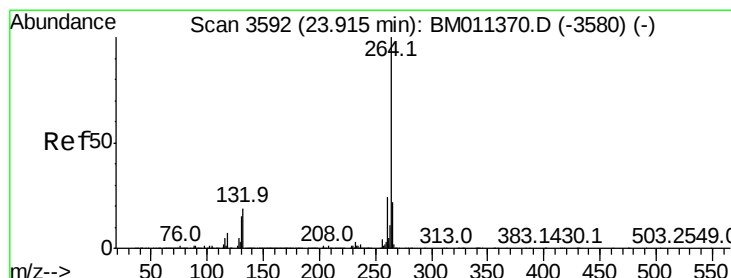
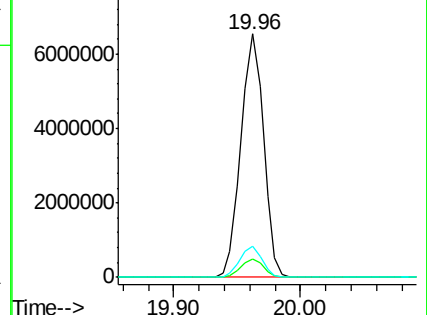
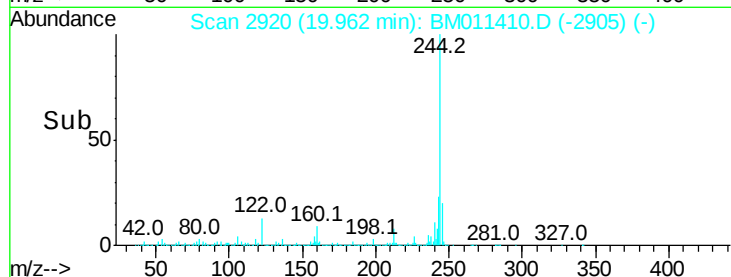
122 12.6 6.2 9.4#



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

Perylene-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

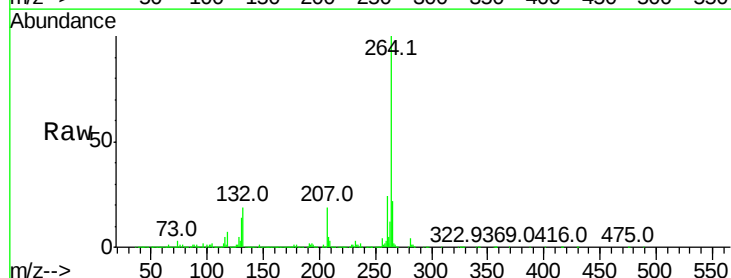
Tgt Ion:264 Resp: 2636585

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 22.2 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

