

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090517\
 Data File : BM011433.D
 Acq On : 05 Sep 2017 15:46
 Operator : SJ/JU
 Sample : PB102058BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB102058BL

Quant Time: Sep 06 08:11:27 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	522129	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	2117181	20.00	ng	-0.01
38) Acenaphthene-d10	14.62	164	1143168	20.00	ng	-0.01
63) Phenanthrene-d10	17.35	188	2445891	20.00	ng	-0.01
75) Chrysene-d12	21.52	240	2320246	20.00	ng	-0.02
86) Perylene-d12	23.89	264	1784188	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	5423388	174.84	ng	0.00
7) Phenol-d6	7.14	99	6906737	160.58	ng	0.00
23) Nitrobenzene-d5	9.15	82	3712955	115.57	ng	-0.01
41) 2,4,6-Tribromophenol	16.10	330	2119940	160.29	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	8795591	110.91	ng	-0.01
78) Terphenyl-d14	19.96	244	10427852	111.51	ng	-0.01

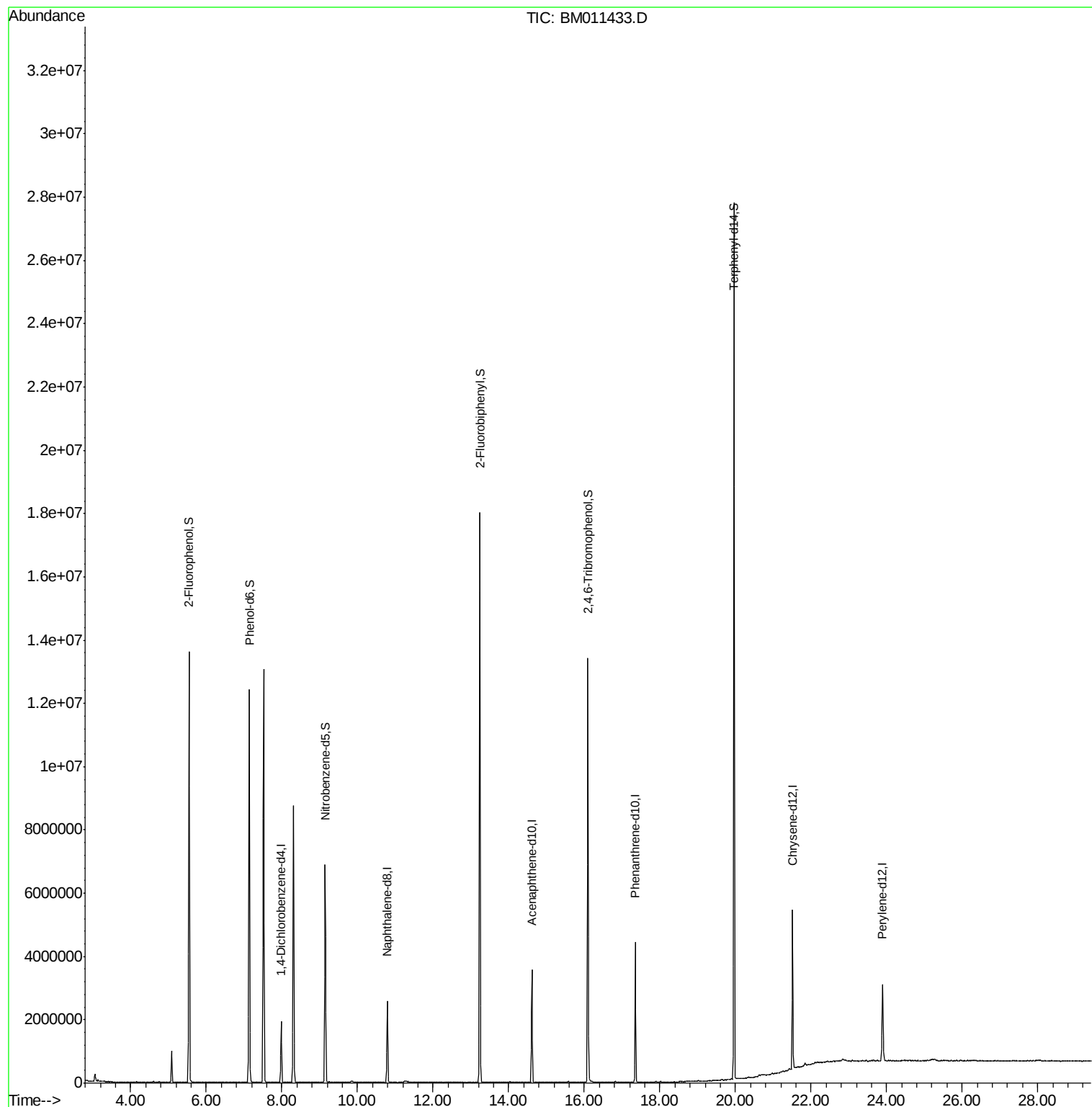
Target Compounds Qvalue

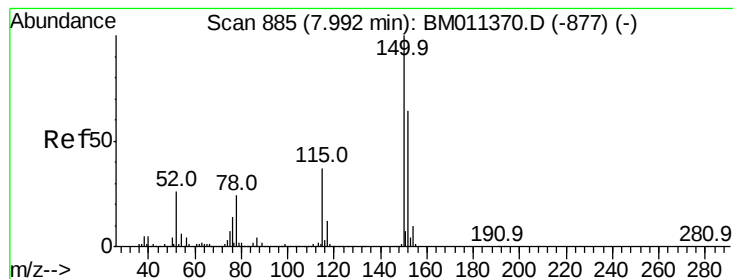
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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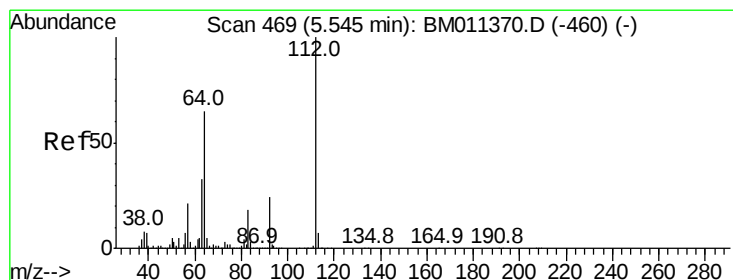
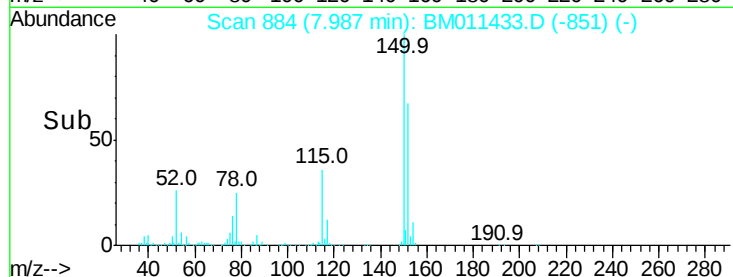
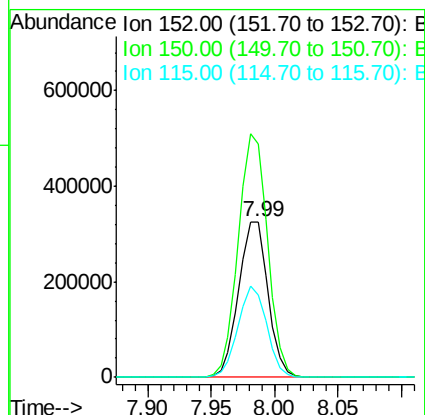
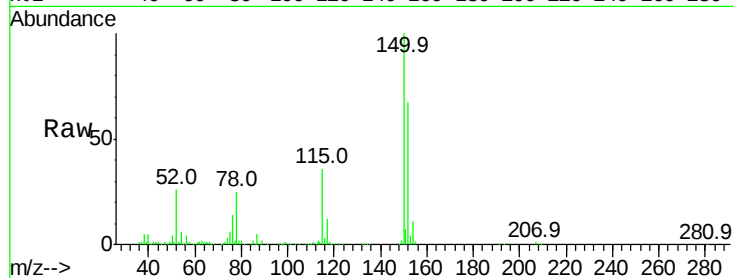


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM011433.D
Acq: 05 Sep 2017 15:46

Instrument :
BNA_M
ClientSampleId :
PB102058BL

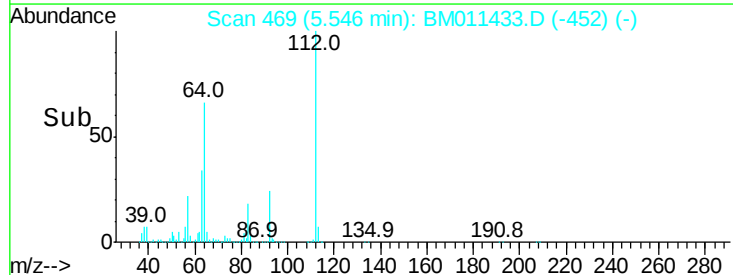
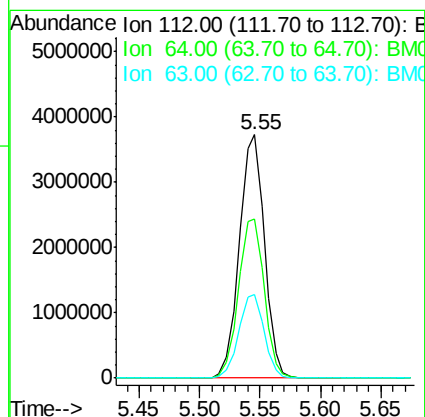
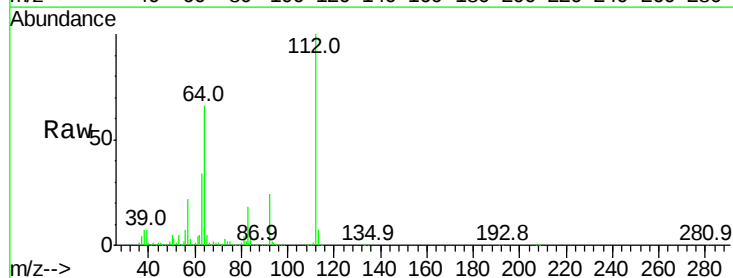
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.2	119.5	179.3
115	53.3	43.0	64.4

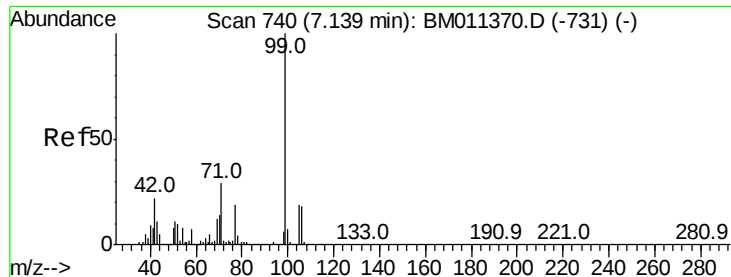


#5

2-Fluorophenol
Concen: 174.843 ng
RT: 5.55 min Scan# 469
Delta R.T. 0.00 min
Lab File: BM011433.D
Acq: 05 Sep 2017 15:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.5	38.6	57.8#
63	34.2	19.3	28.9#





#7

Phenol-d6

Concen: 160.581 ng

RT: 7.14 min Scan# 740

Delta R.T. 0.00 min

Lab File: BM011433.D

Acq: 05 Sep 2017 15:46

Instrument :

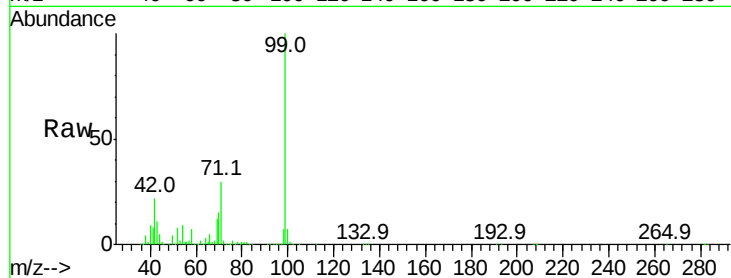
BNA_M

ClientSampleId :

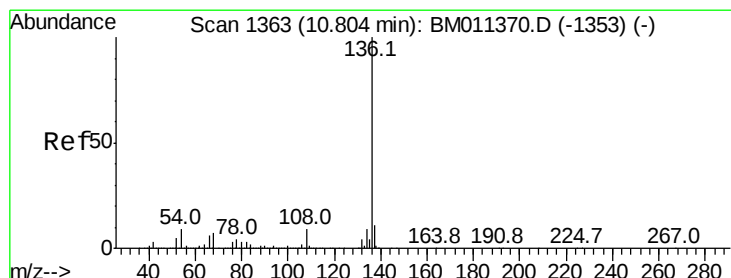
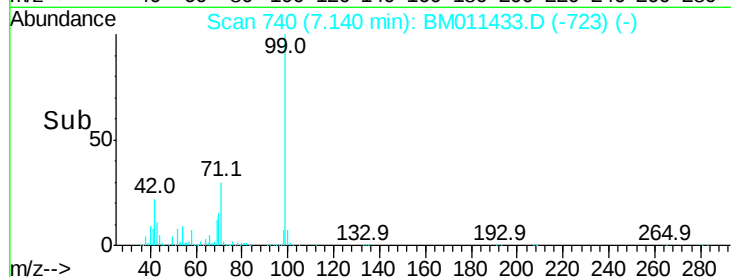
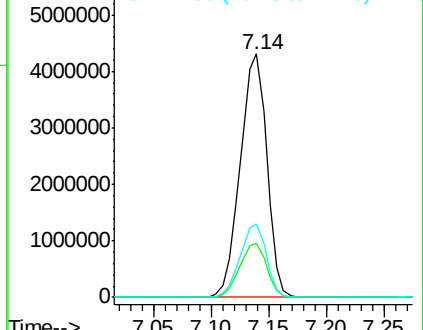
PB102058BL

Tot Ion: 99 Resp: 6906737

Ion	Ratio	Lower	Upper
99	100		
42	22.1	11.0	16.4#
71	30.0	23.4	35.2



Abundance Ion 99.00 (98.70 to 99.70): BM011433.D (-723) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1361

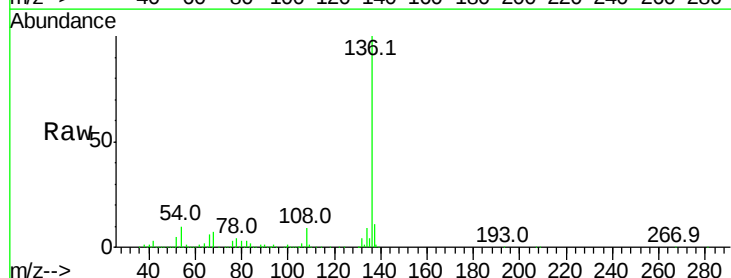
Delta R.T. -0.01 min

Lab File: BM011433.D

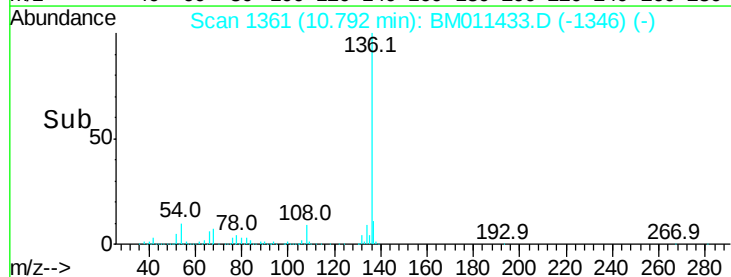
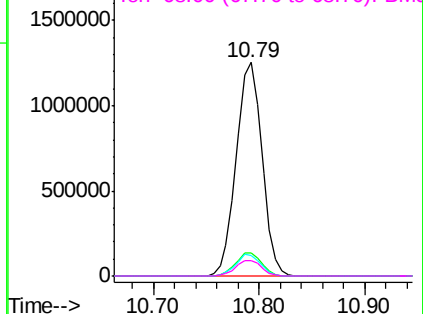
Acq: 05 Sep 2017 15:46

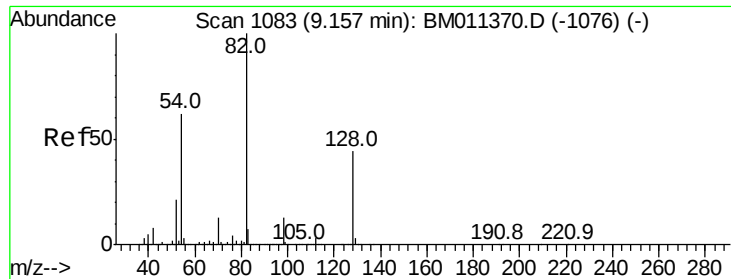
Tgt Ion: 136 Resp: 2117181

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.7	4.6	6.8#
68	7.1	3.7	5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM011433.D (-1346) (-)



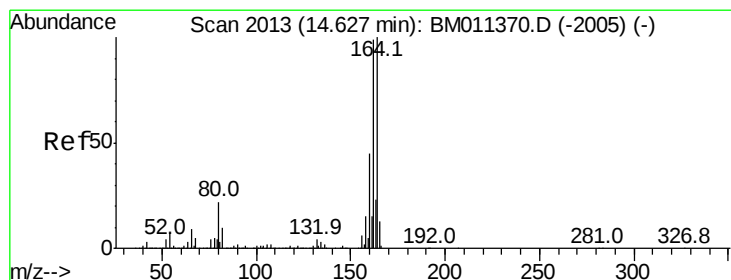
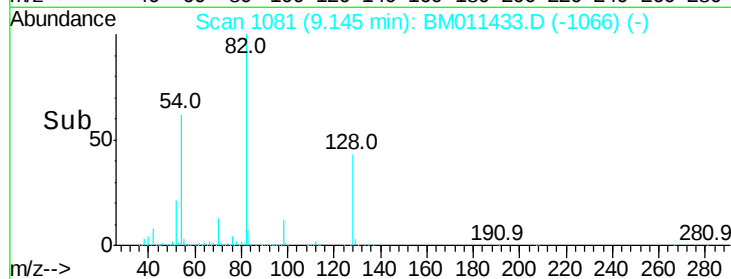
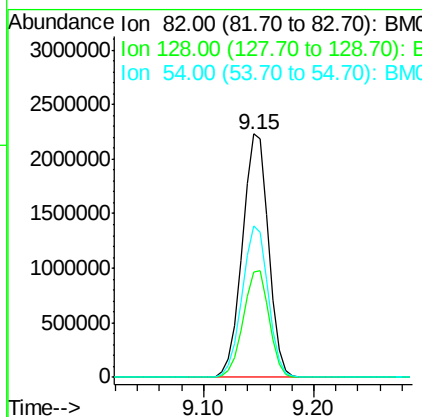
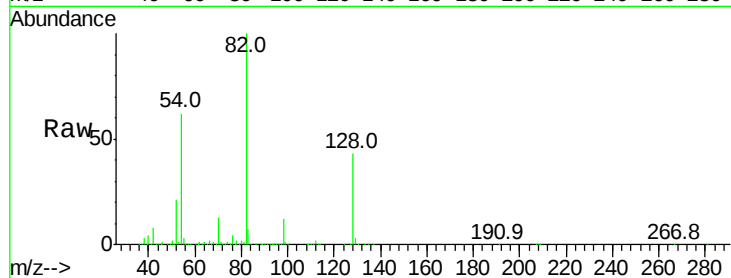


#23
 Nitrobenzene-d5
 Concen: 115.568 ng
 RT: 9.15 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BM011433.D
 Acq: 05 Sep 2017 15:46

Instrument :
 BNA_M
 ClientSampleId :
 PB102058BL

Tot Ion: 82 Resp: 3712955

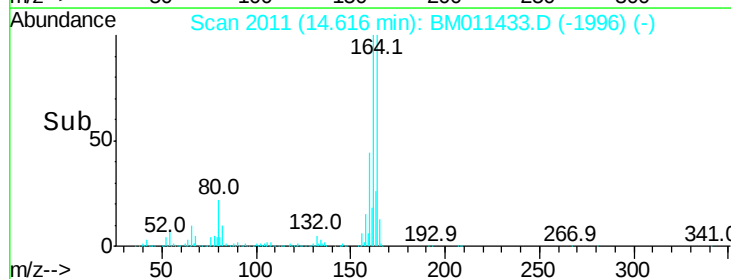
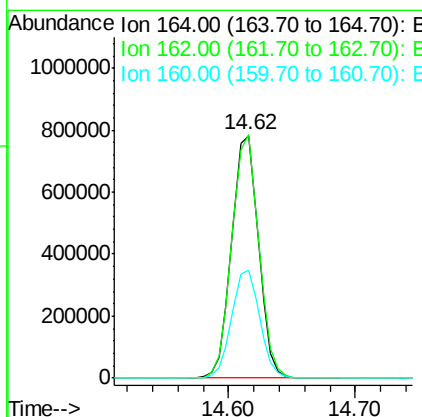
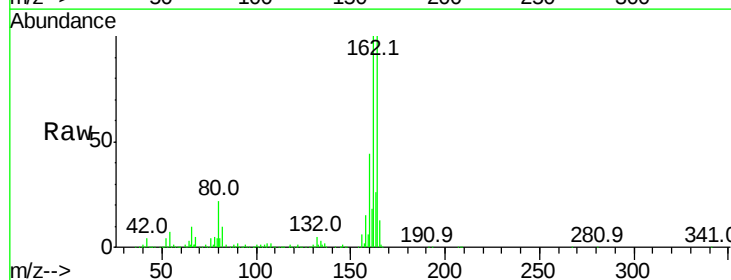
Ion	Ratio	Lower	Upper
82	100		
128	43.4	32.8	49.2
54	62.2	40.6	60.8#

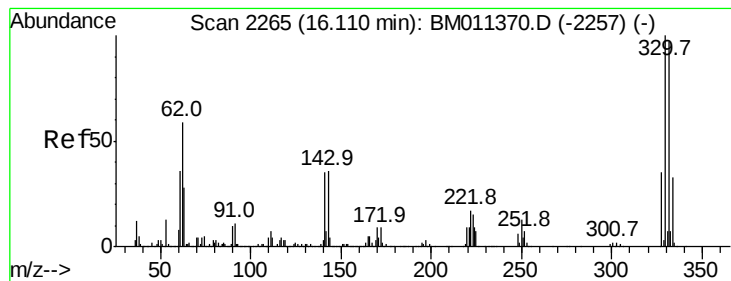


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BM011433.D
 Acq: 05 Sep 2017 15:46

Tgt Ion: 164 Resp: 1143168

Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.4	123.6
160	44.4	35.8	53.6

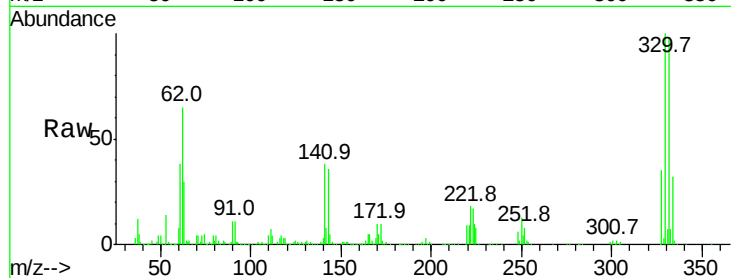




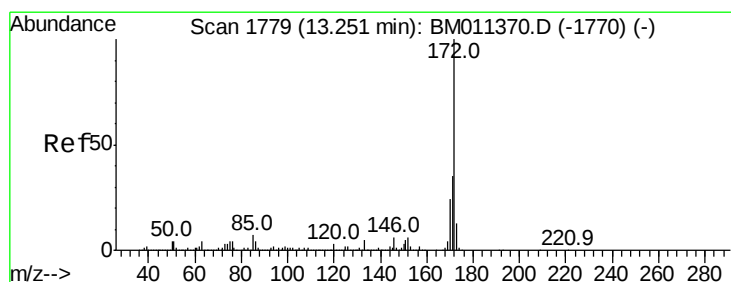
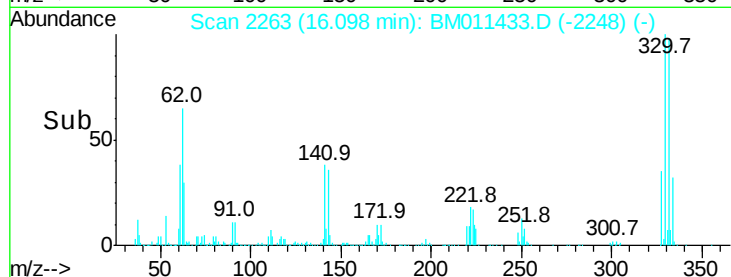
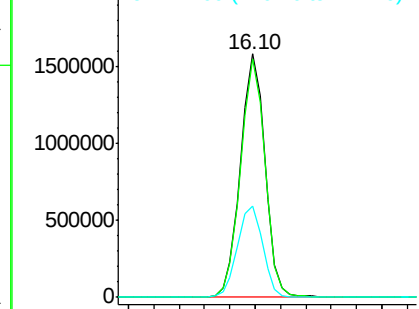
#41
 2,4,6-Tribromophenol
 Concen: 160.286 ng
 RT: 16.10 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BM011433.D
 Acq: 05 Sep 2017 15:46

Instrument :
 BNA_M
 ClientSampleId :
 PB102058BL

Tot Ion:330 Resp: 2119940
 Ion Ratio Lower Upper
 330 100
 332 97.3 0.0 0.0#
 141 39.0 0.0 0.0#

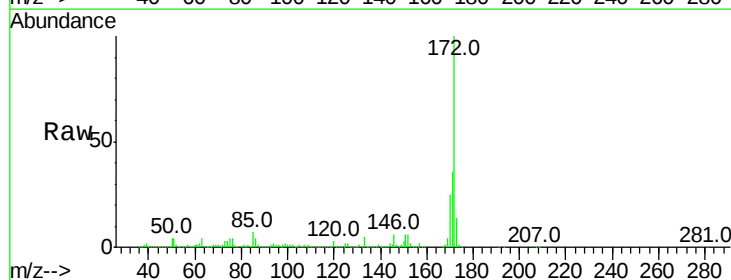


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

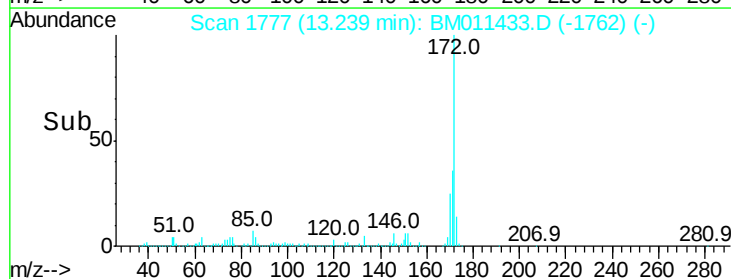
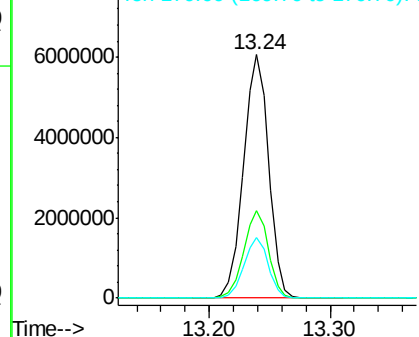


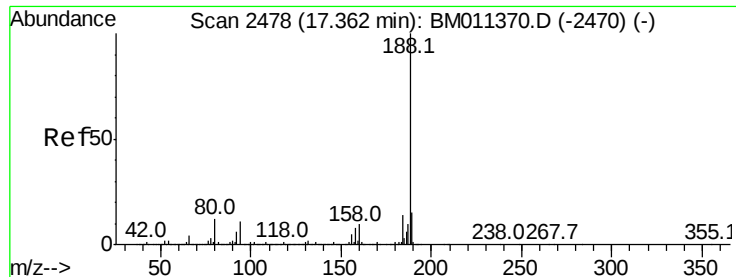
#44
 2-Fluorobiphenyl
 Concen: 110.908 ng
 RT: 13.24 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BM011433.D
 Acq: 05 Sep 2017 15:46

Tgt Ion:172 Resp: 8795591
 Ion Ratio Lower Upper
 172 100
 171 35.8 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

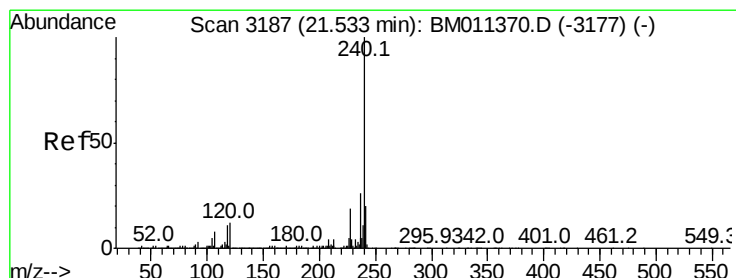
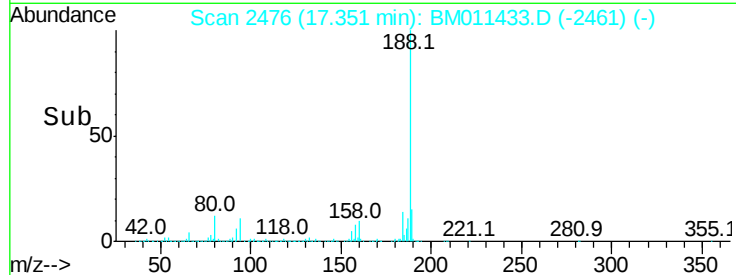
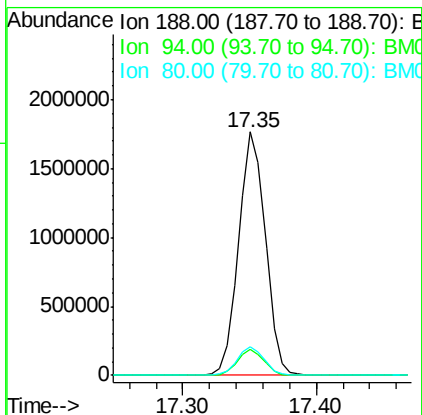
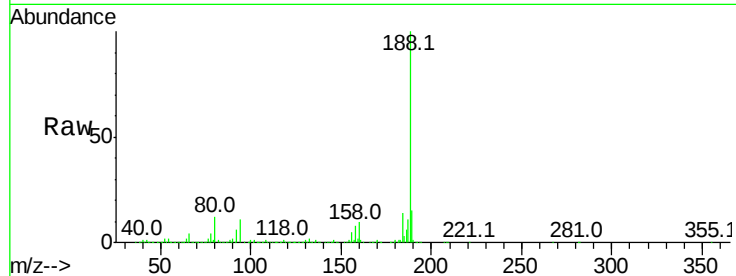




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2476
Delta R.T. -0.01 min
Lab File: BM011433.D
Acq: 05 Sep 2017 15:46

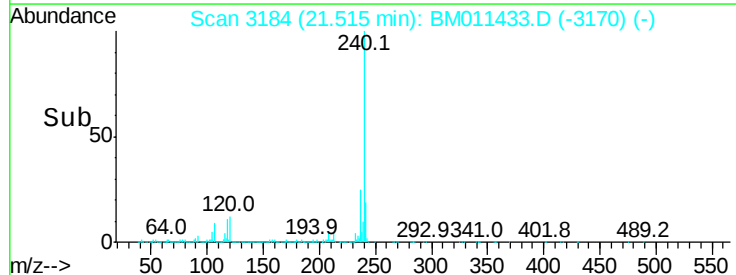
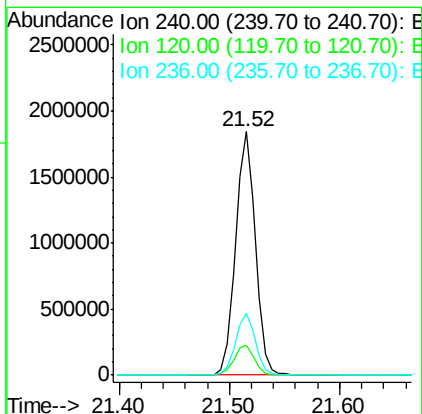
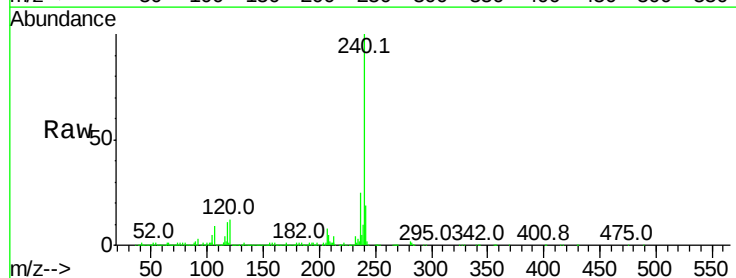
Instrument :
BNA_M
ClientSampleId :
PB102058BL

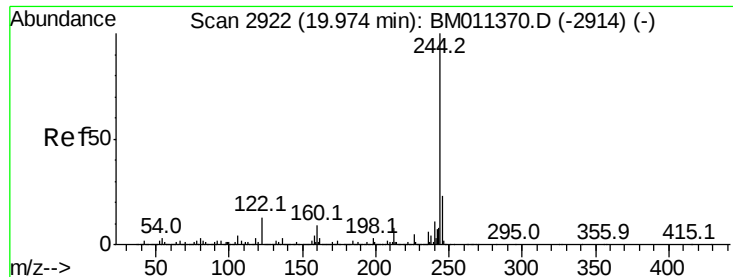
Tot Ion:188 Resp: 2445891
Ion Ratio Lower Upper
188 100
94 10.8 8.7 13.1
80 11.6 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3184
Delta R.T. -0.02 min
Lab File: BM011433.D
Acq: 05 Sep 2017 15:46

Tgt Ion:240 Resp: 2320246
Ion Ratio Lower Upper
240 100
120 12.4 8.2 12.2#
236 25.3 20.0 30.0





#78

Terphenyl-d14

Concen: 111.513 ng

RT: 19.96 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BM011433.D

Acq: 05 Sep 2017 15:46

Instrument :

BNA_M

ClientSampleId :

PB102058BL

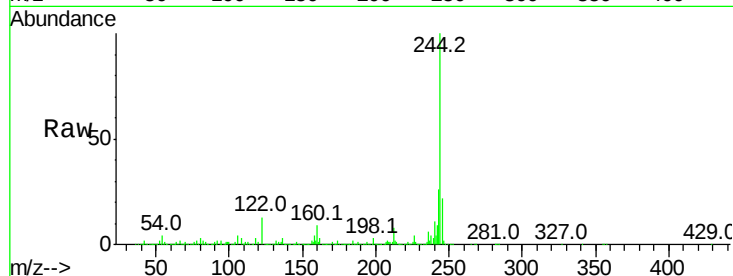
Tot Ion:244 Resp:10427852

Ion Ratio Lower Upper

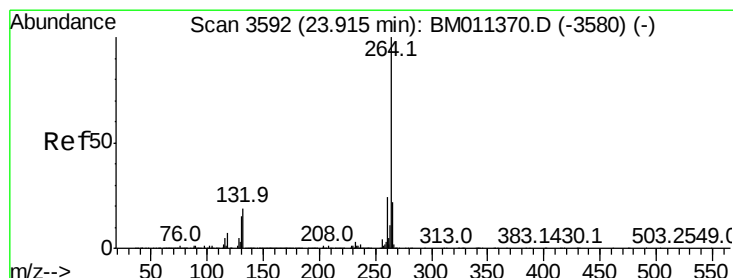
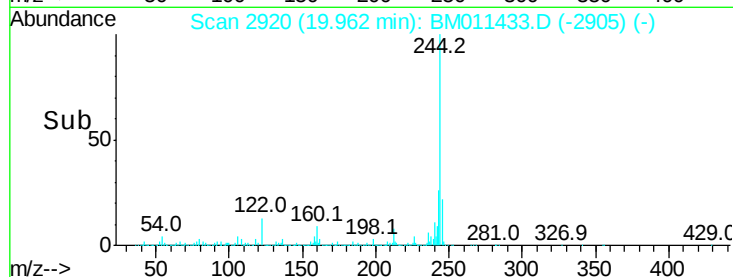
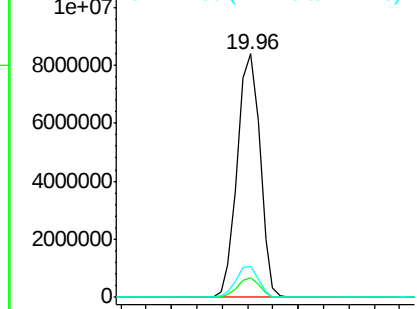
244 100

212 8.2 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: 23.89 min Scan# 3588

Delta R.T. -0.02 min

Lab File: BM011433.D

Acq: 05 Sep 2017 15:46

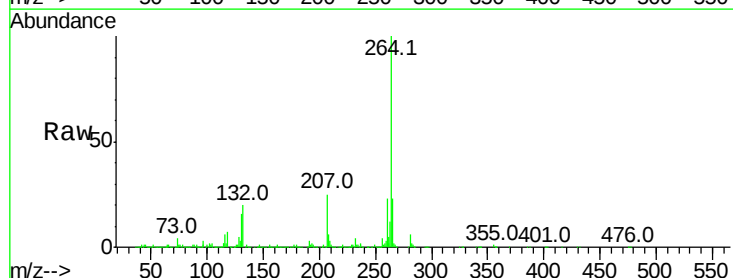
Tgt Ion:264 Resp: 1784188

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 22.8 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

