

Data Path : U:\HPCHEM1\BNA M\DATA\BM082217\
 Data File : BM011330.D
 Acq On : 22 Aug 2017 16:55
 Operator : SJ/JU
 Sample : PB101735TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101735TB

Quant Time: Aug 23 03:28:33 2017
 Quant Method : Z:\HPCHEM1\BNA M\Methods\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 02:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	116957	20.00	ng	-0.02
21) Naphthalene-d8	10.02	136	400123	20.00	ng	-0.02
38) Acenaphthene-d10	13.94	164	253875	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	636331	20.00	ng	-0.02
75) Chrysene-d12	20.93	240	883662	20.00	ng	-0.02
86) Perylene-d12	22.99	264	845407	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	910952	131.66	ng	-0.02
7) Phenol-d6	6.47	99	1261025	128.28	ng	-0.02
23) Nitrobenzene-d5	8.42	82	1136370	106.59	ng	-0.02
41) 2,4,6-Tribromophenol	15.44	330	459193	112.85	ng	-0.02
44) 2-Fluorobiphenyl	12.54	172	1734679	85.69	ng	-0.02
78) Terphenyl-d14	19.37	244	3122868	70.00	ng	-0.02

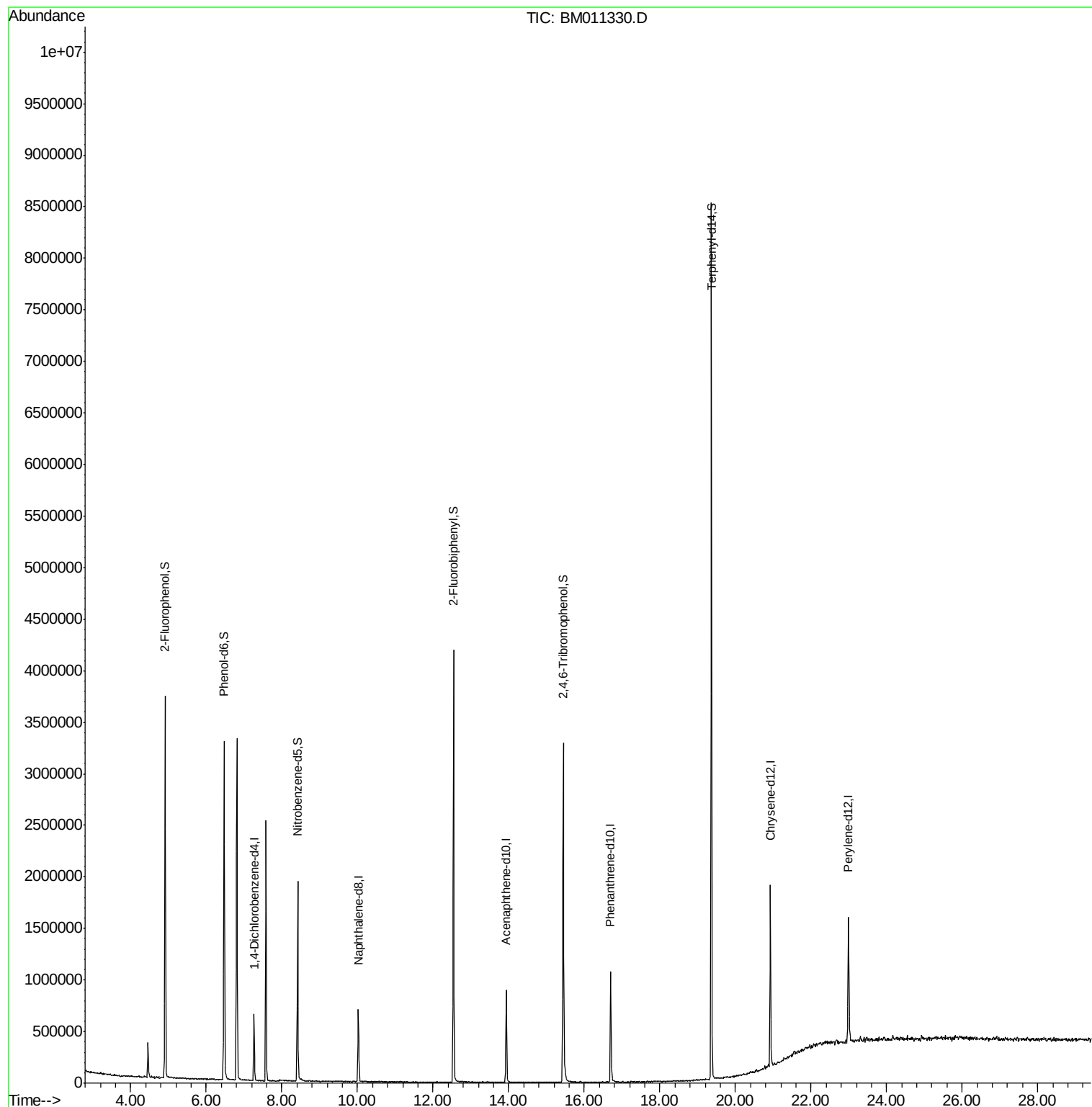
Target Compounds Qvalue

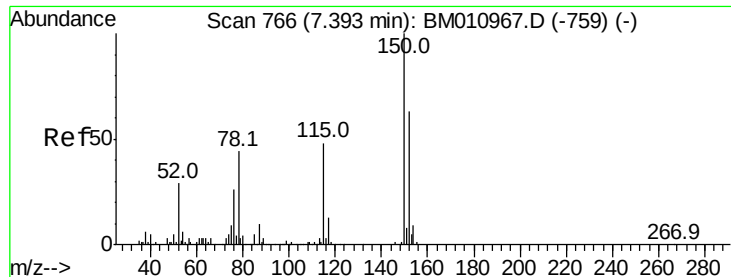
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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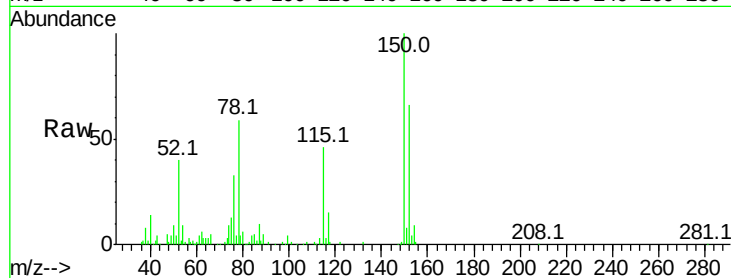


#1

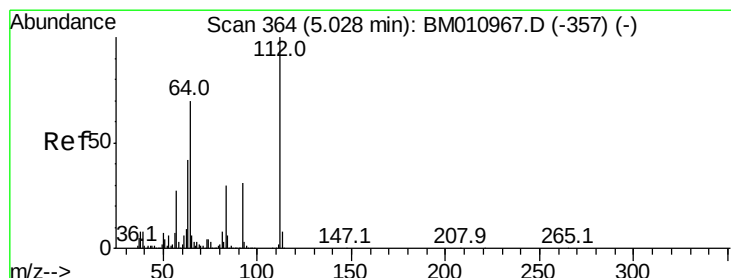
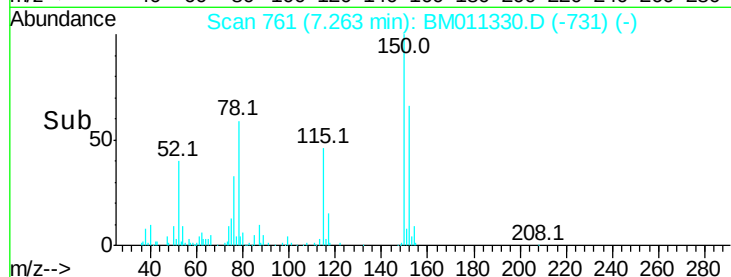
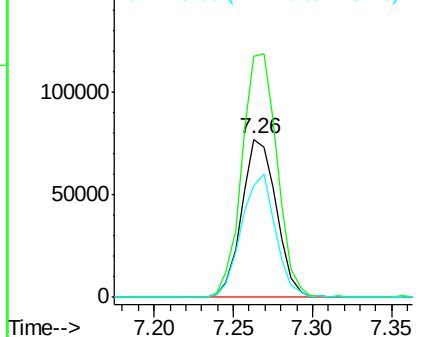
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.26 min Scan# 761
Delta R.T. -0.02 min
Lab File: BM011330.D
Acq: 22 Aug 2017 16:55

Instrument :
BNA_M
ClientSampleId :
PB101735TB

Tot Ion:152 Resp: 116957
Ion Ratio Lower Upper
152 100
150 152.3 119.5 179.3
115 70.6 43.0 64.4#



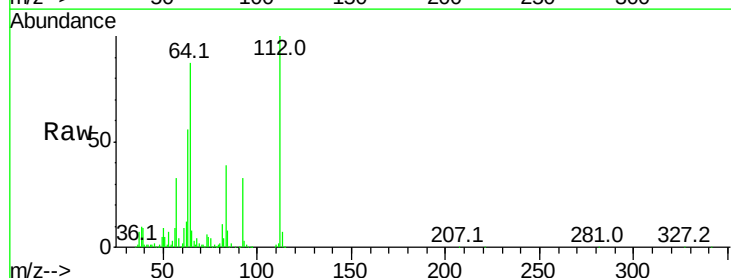
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



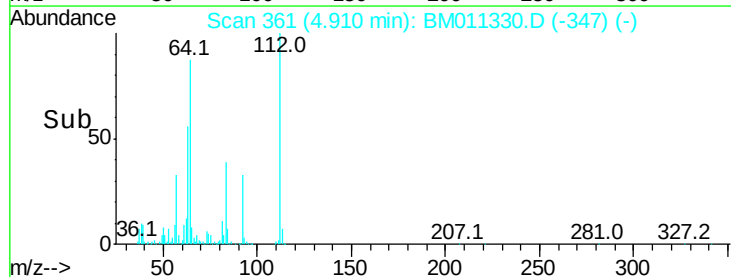
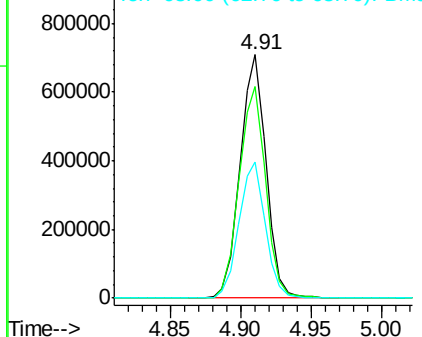
#5

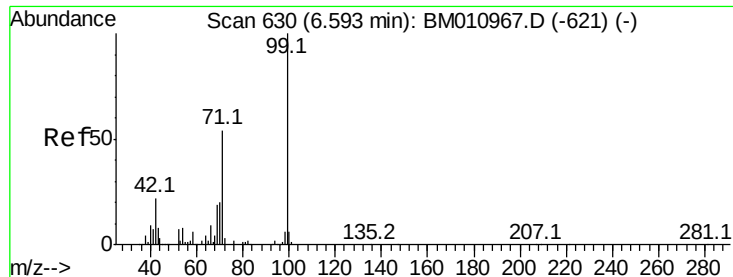
2-Fluorophenol
Concen: 131.665 ng
RT: 4.91 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM011330.D
Acq: 22 Aug 2017 16:55

Tgt Ion:112 Resp: 910952
Ion Ratio Lower Upper
112 100
64 87.0 38.6 57.8#
63 55.9 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: 128.280 ng

RT: 6.47 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM011330.D

Acq: 22 Aug 2017 16:55

Instrument :

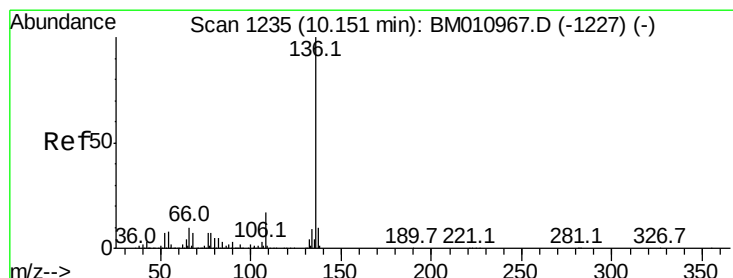
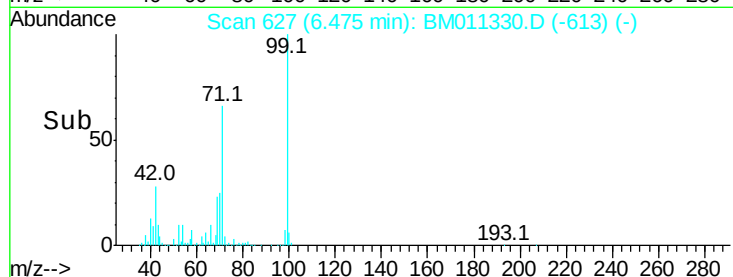
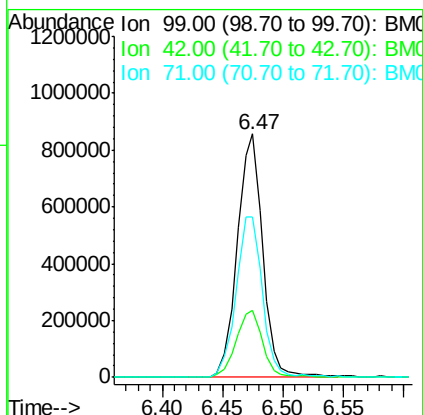
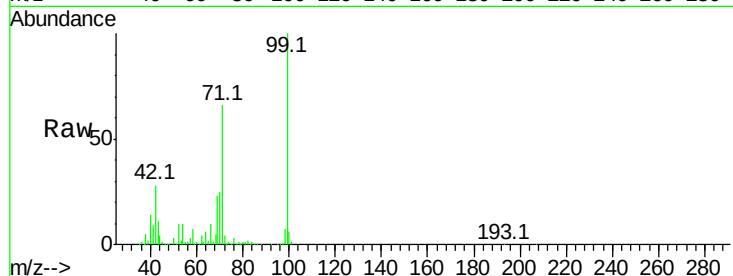
BNA_M

ClientSampleId :

PB101735TB

Tot Ion: 99 Resp: 1261025

Ion	Ratio	Lower	Upper
99	100		
42	27.7	11.0	16.4#
71	65.8	23.4	35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.02 min Scan# 1230

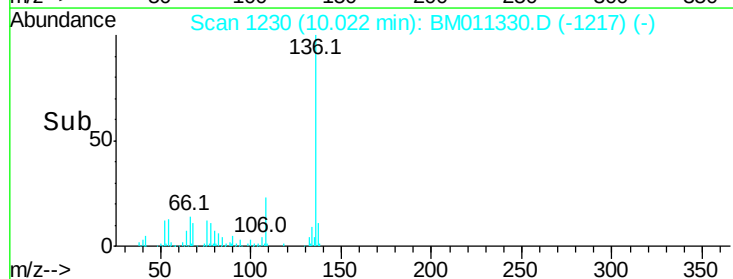
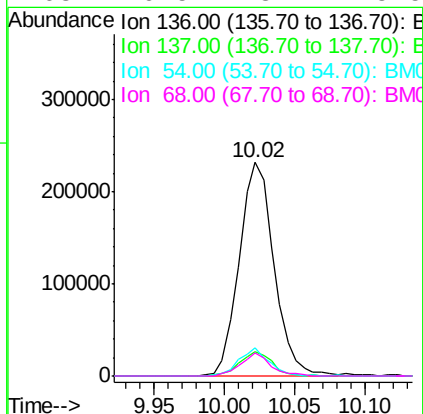
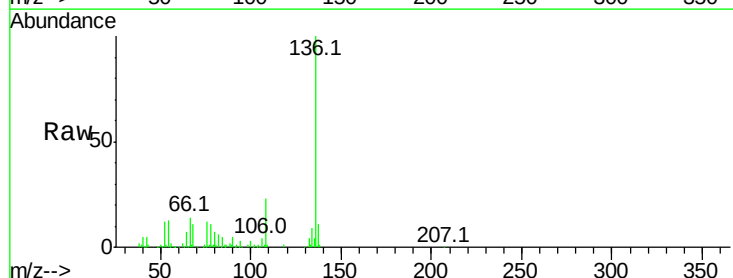
Delta R.T. -0.02 min

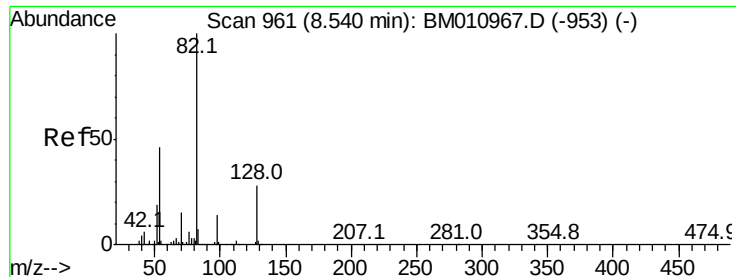
Lab File: BM011330.D

Acq: 22 Aug 2017 16:55

Tgt Ion: 136 Resp: 400123

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	13.3	4.6	6.8#
68	10.5	3.7	5.5#



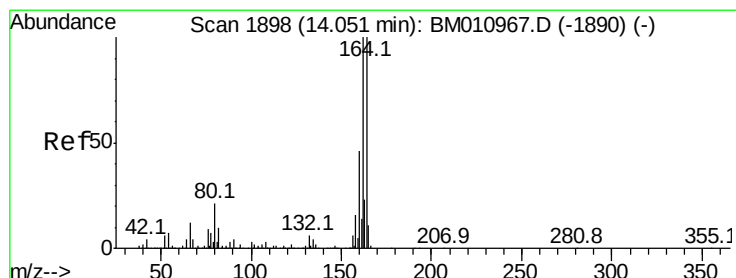
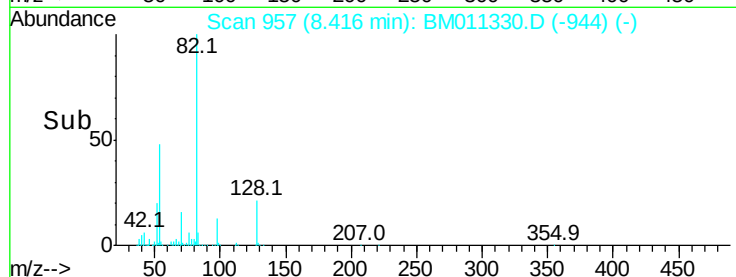
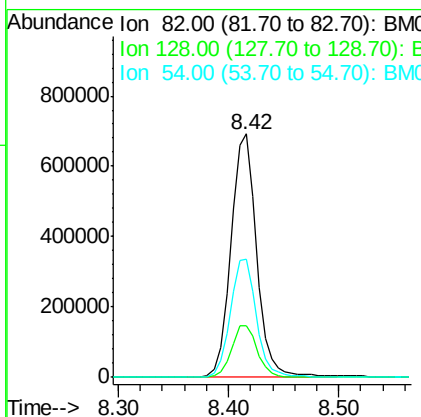
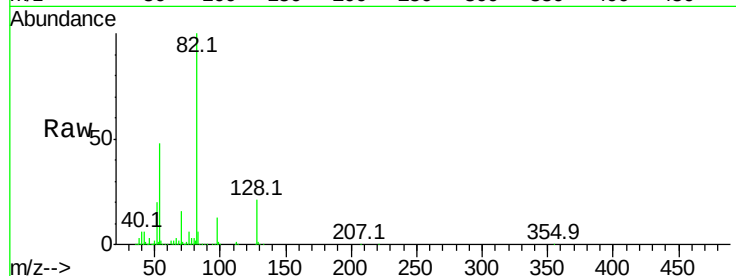


#23
 Nitrobenzene-d5
 Concen: 106.592 ng
 RT: 8.42 min Scan# 957
 Delta R.T. -0.02 min
 Lab File: BM011330.D
 Acq: 22 Aug 2017 16:55

Instrument :
 BNA_M
 ClientSampleId :
 PB101735TB

Tot Ion: 82 Resp: 1136370

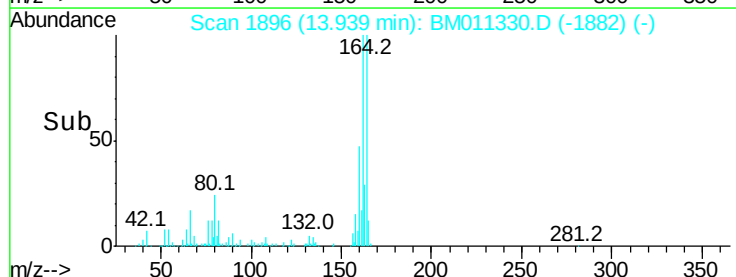
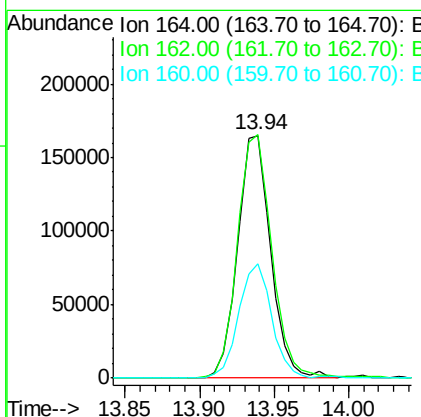
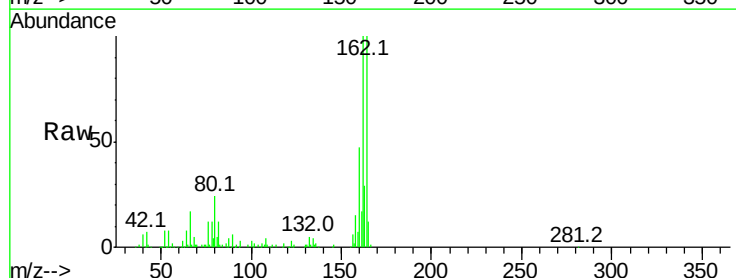
Ion	Ratio	Lower	Upper
82	100		
128	21.2	32.8	49.2#
54	48.4	40.6	60.8

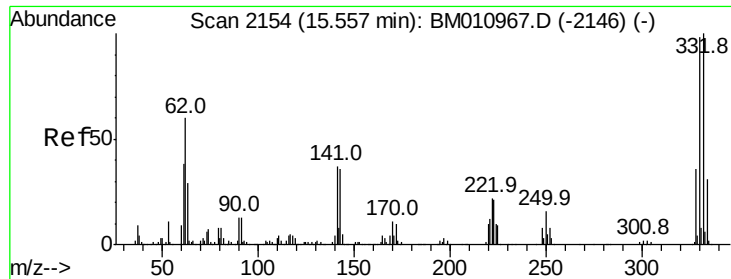


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.94 min Scan# 1896
 Delta R.T. -0.02 min
 Lab File: BM011330.D
 Acq: 22 Aug 2017 16:55

Tgt Ion:164 Resp: 253875

Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.4	123.6
160	46.9	35.8	53.6

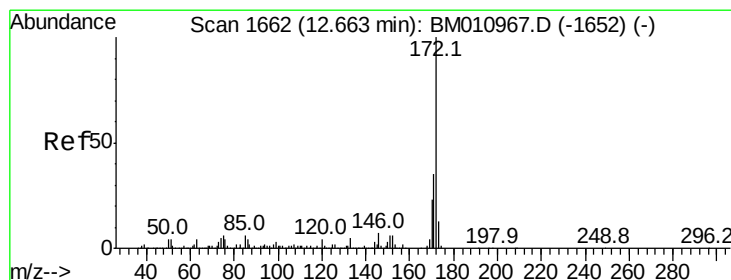
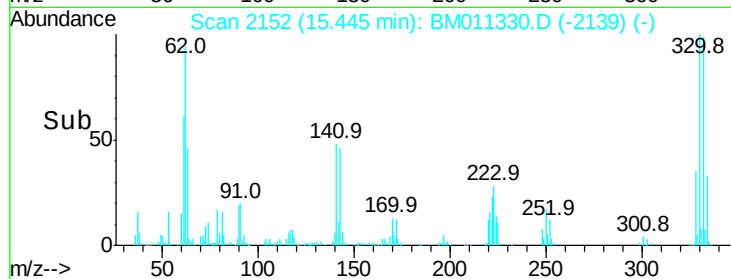
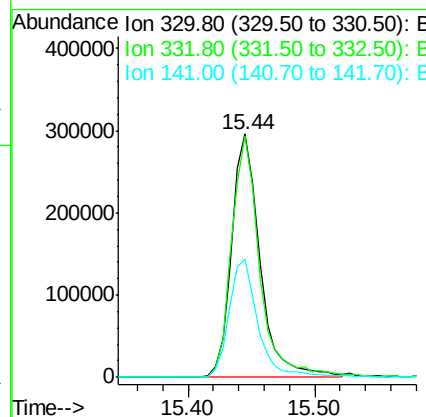
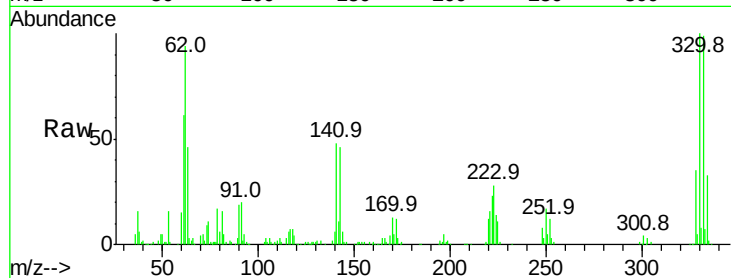




#41
 2,4,6-Tribromophenol
 Concen: 112.849 ng
 RT: 15.44 min Scan# 2152
 Delta R.T. -0.02 min
 Lab File: BM011330.D
 Acq: 22 Aug 2017 16:55

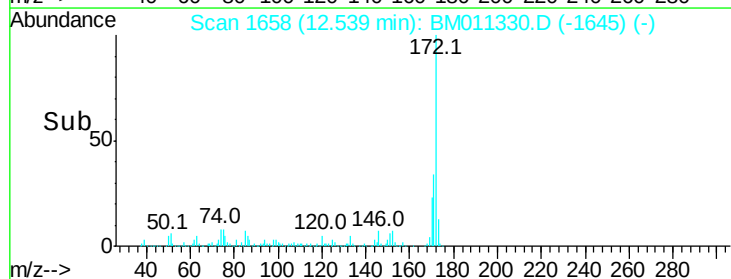
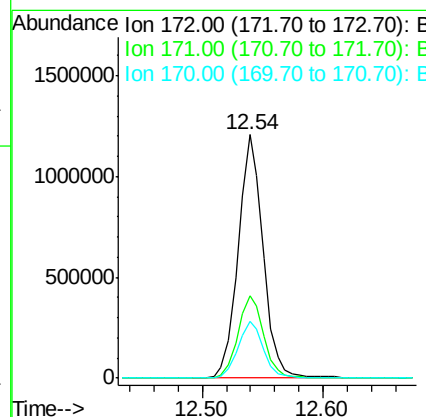
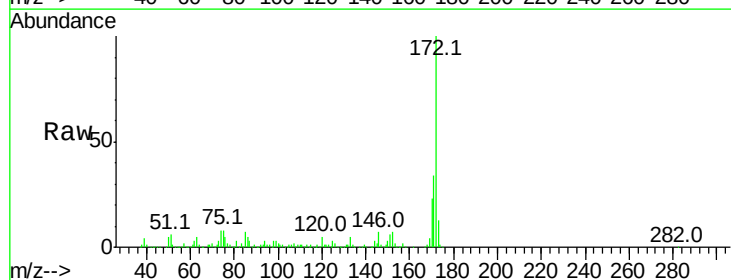
Instrument :
 BNA_M
 ClientSampleId :
 PB101735TB

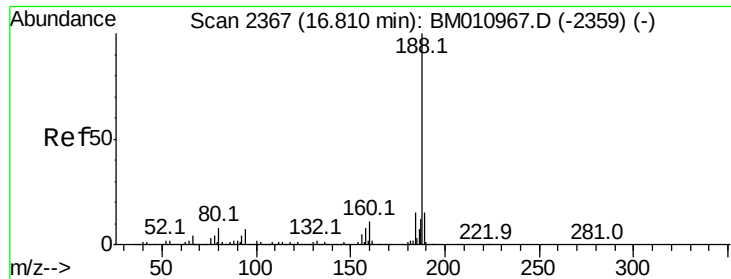
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	0.0	0.0#
141	49.4	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 85.693 ng
 RT: 12.54 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BM011330.D
 Acq: 22 Aug 2017 16:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.5	42.7
170	23.2	18.8	28.2

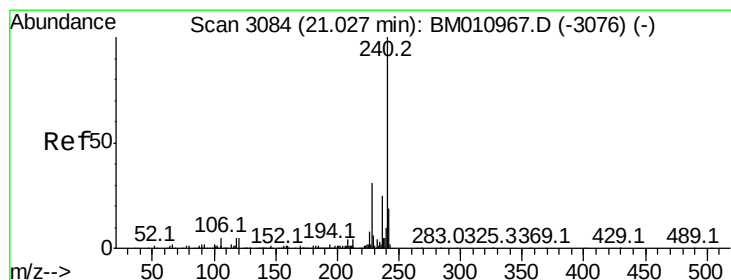
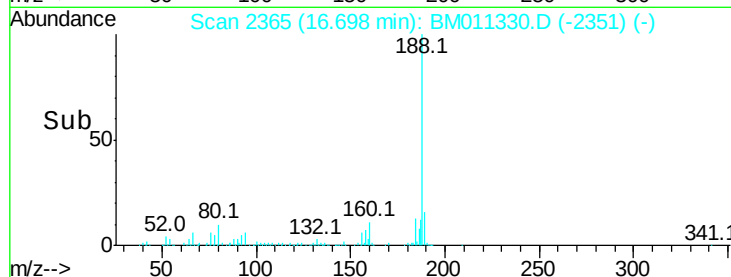
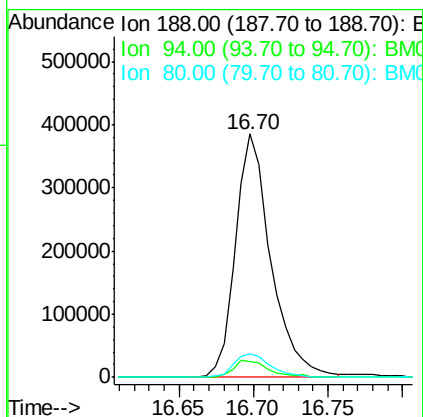
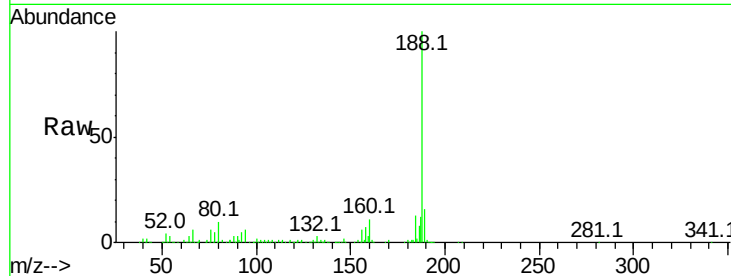




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.70 min Scan# 2365
Delta R.T. -0.02 min
Lab File: BM011330.D
Acq: 22 Aug 2017 16:55

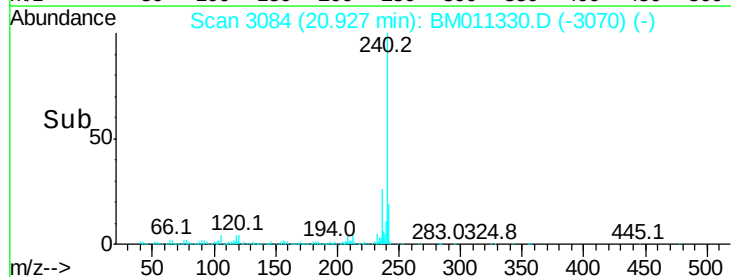
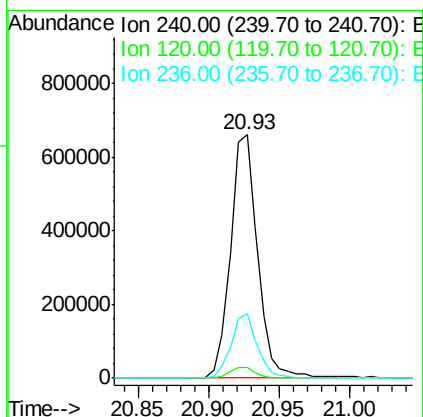
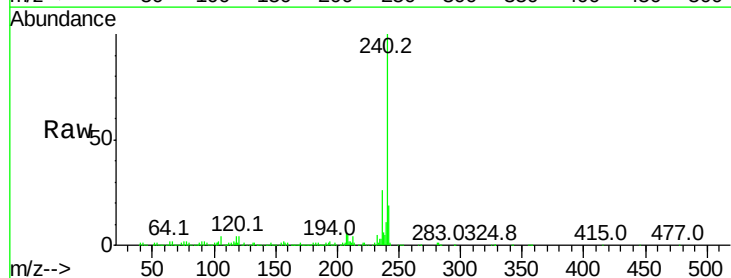
Instrument :
BNA_M
ClientSampleId :
PB101735TB

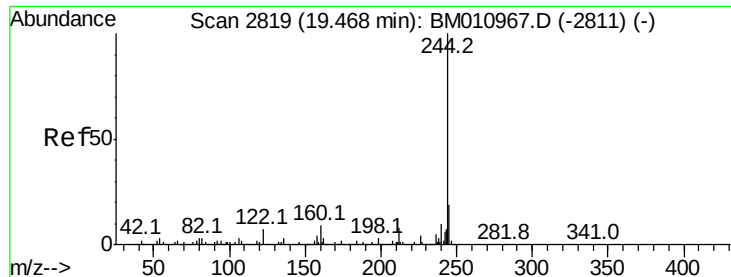
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.5	8.7	13.1#
80	9.5	9.3	13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.93 min Scan# 3084
Delta R.T. -0.02 min
Lab File: BM011330.D
Acq: 22 Aug 2017 16:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.3	8.2	12.2#
236	26.5	20.0	30.0





#78

Terphenyl-d14

Concen: 70.004 ng

RT: 19.37 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BM011330.D

Acq: 22 Aug 2017 16:55

Instrument :

BNA_M

ClientSampleId :

PB101735TB

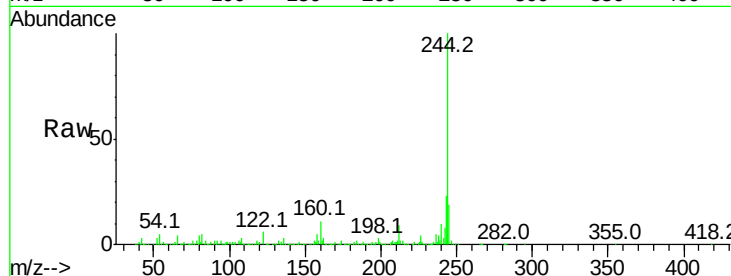
Tot Ion:244 Resp: 3122868

Ion Ratio Lower Upper

244 100

212 8.9 4.9 7.3#

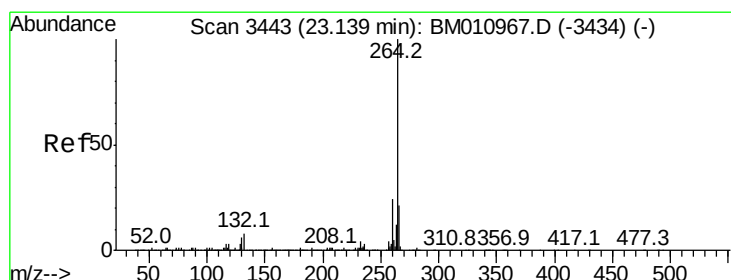
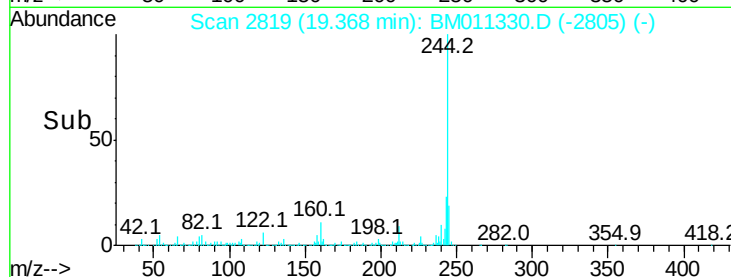
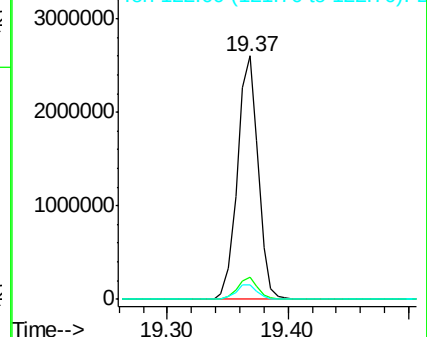
122 6.1 6.2 9.4#



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: 22.99 min Scan# 3435

Delta R.T. -0.03 min

Lab File: BM011330.D

Acq: 22 Aug 2017 16:55

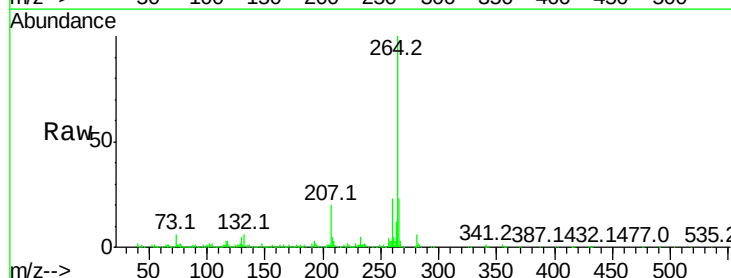
Tgt Ion:264 Resp: 845407

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 23.1 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

