

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082517\
 Data File : BM011348.D
 Acq On : 25 Aug 2017 17:50
 Operator : SJ/JU
 Sample : PB101809BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101809BL

Quant Time: Aug 26 00:59:43 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	113348	20.00	ng	-0.02
21) Naphthalene-d8	10.02	136	392888	20.00	ng	-0.02
38) Acenaphthene-d10	13.93	164	250715	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	616285	20.00	ng	-0.02
75) Chrysene-d12	20.92	240	804988	20.00	ng	-0.02
86) Perylene-d12	22.99	264	767558	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	752298	112.20	ng	-0.02
7) Phenol-d6	6.47	99	1024173	107.50	ng	-0.02
23) Nitrobenzene-d5	8.41	82	927635	88.61	ng	-0.03
41) 2,4,6-Tribromophenol	15.44	330	341429	84.97	ng	-0.02
44) 2-Fluorobiphenyl	12.54	172	1390231	69.54	ng	-0.02
78) Terphenyl-d14	19.36	244	2297351	56.53	ng	-0.02

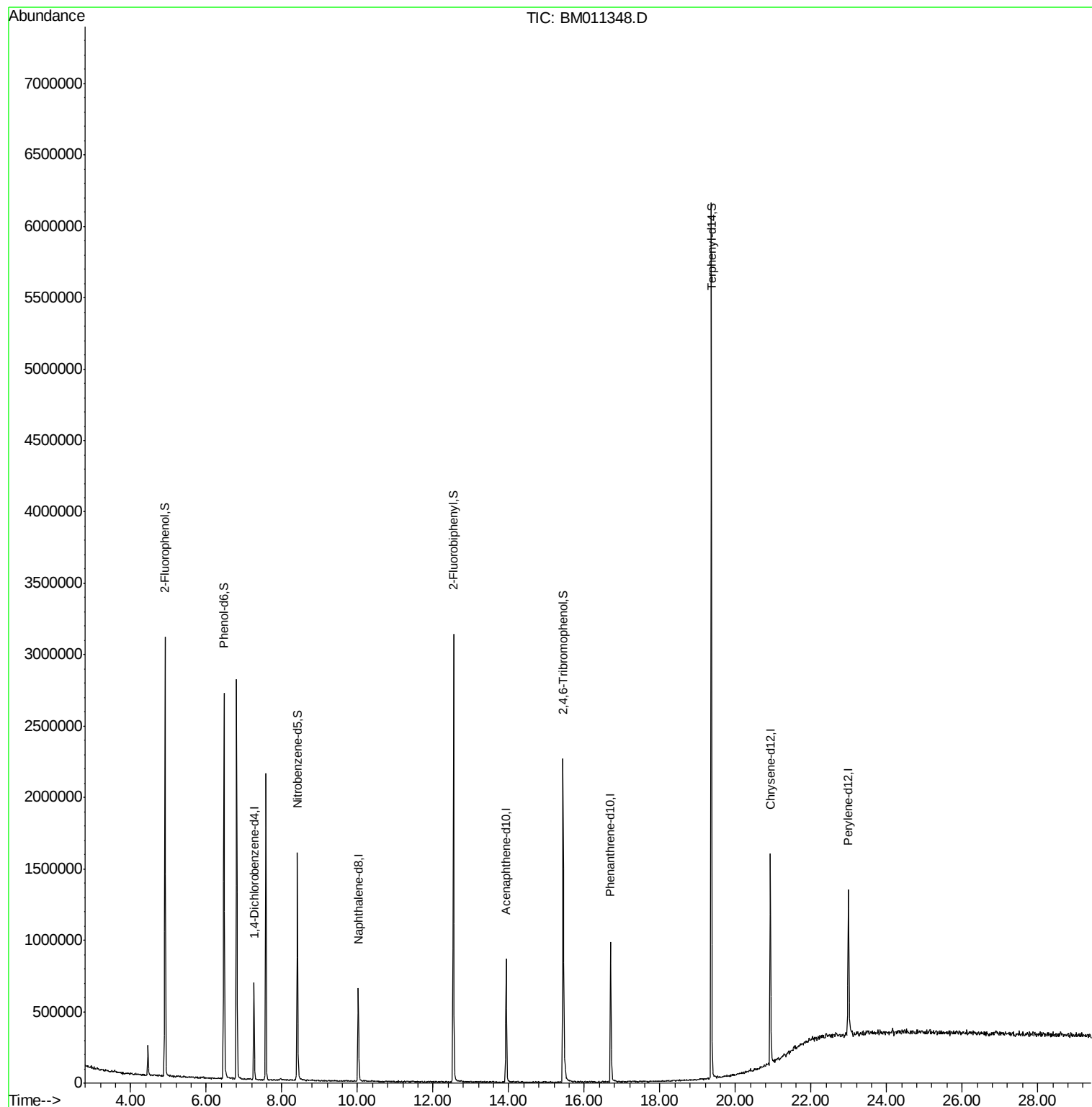
Target Compounds Qvalue

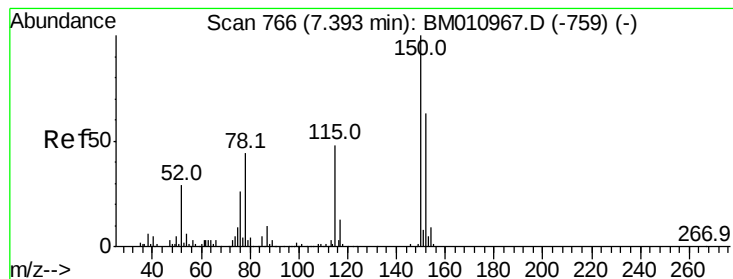
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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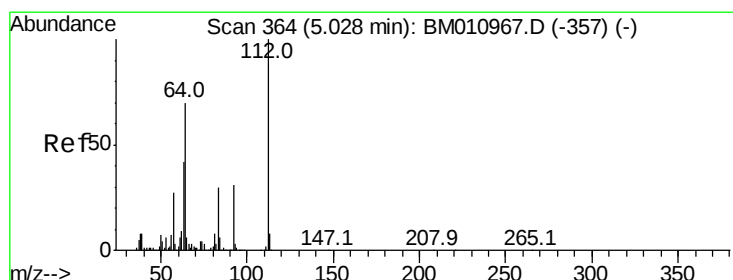
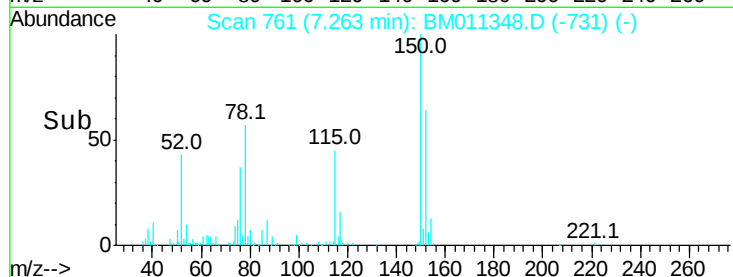
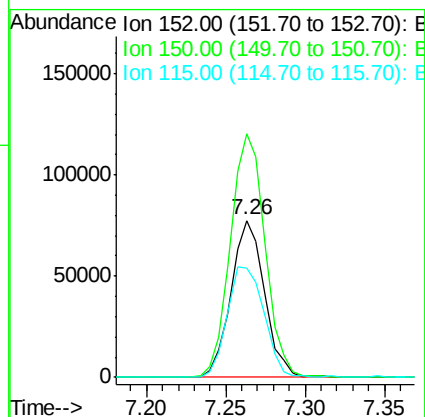
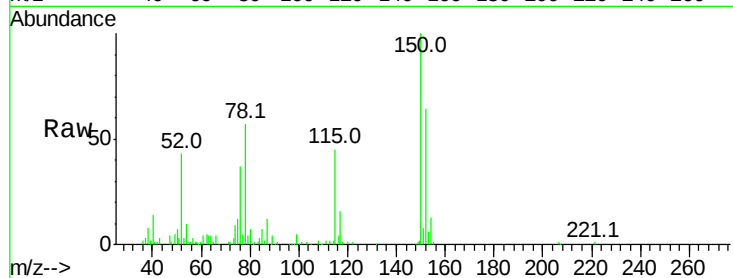


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.26 min Scan# 761
Delta R.T. -0.02 min
Lab File: BM011348.D
Acq: 25 Aug 2017 17:50

Instrument :
BNA_M
ClientSampleId :
PB101809BL

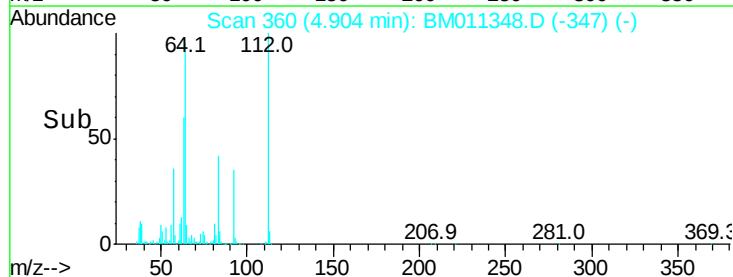
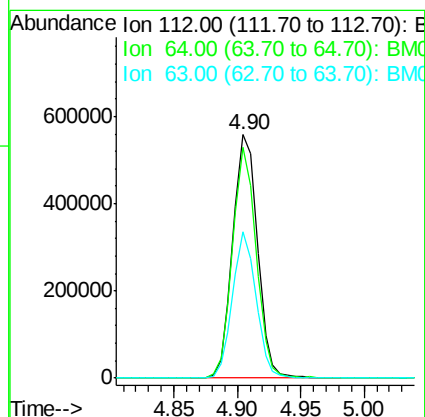
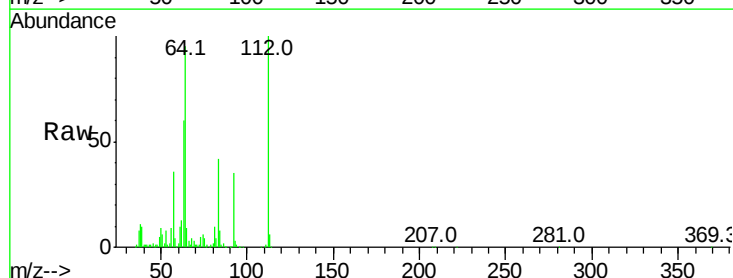
Tot Ion:152 Resp: 113348
Ion Ratio Lower Upper
152 100
150 155.0 119.5 179.3
115 69.3 43.0 64.4#

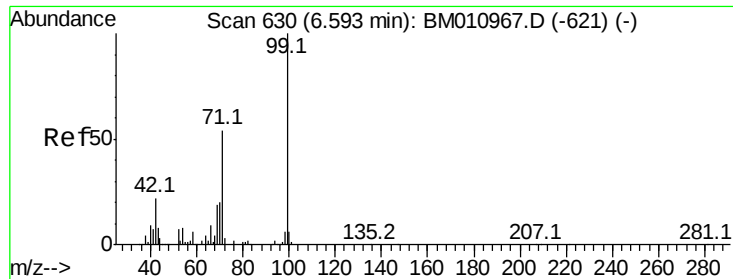


#5

2-Fluorophenol
Concen: 112.196 ng
RT: 4.90 min Scan# 360
Delta R.T. -0.02 min
Lab File: BM011348.D
Acq: 25 Aug 2017 17:50

Tgt Ion:112 Resp: 752298
Ion Ratio Lower Upper
112 100
64 94.6 38.6 57.8#
63 60.1 19.3 28.9#





#7

Phenol-d6

Concen: 107.503 ng

RT: 6.47 min Scan# 626

Delta R.T. -0.02 min

Lab File: BM011348.D

Acq: 25 Aug 2017 17:50

Instrument :

BNA_M

ClientSampleId :

PB101809BL

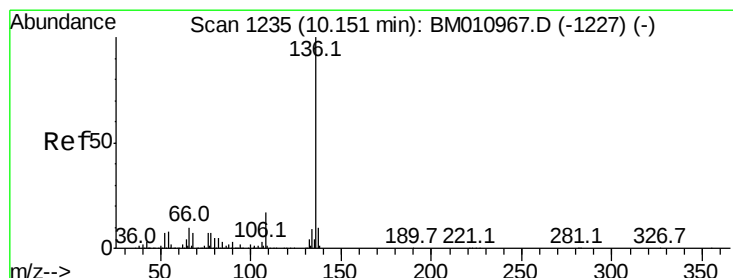
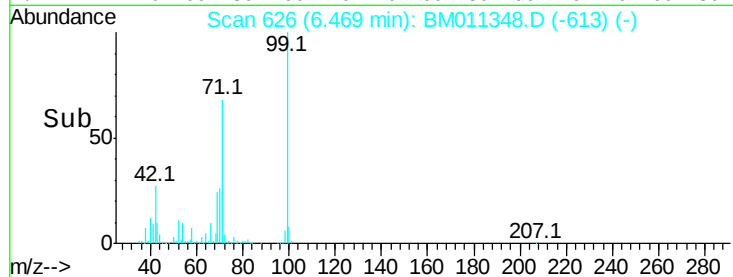
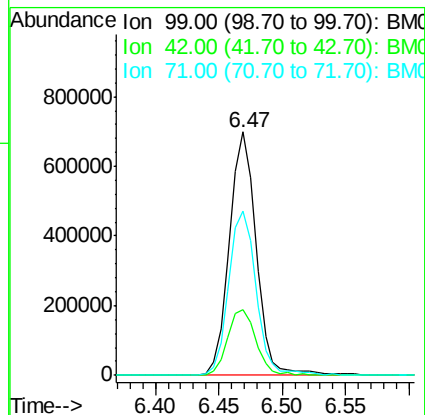
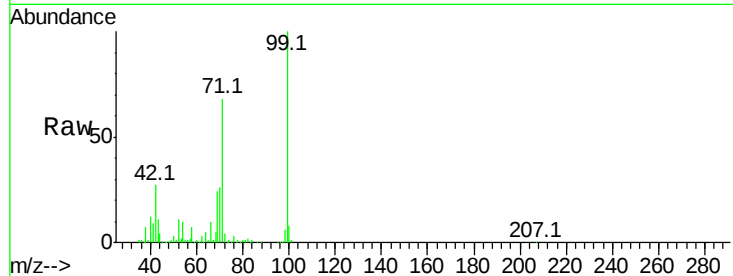
Tot Ion: 99 Resp: 1024173

Ion Ratio Lower Upper

99 100

42 27.1 11.0 16.4#

71 67.6 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: BM011348.D

Acq: 25 Aug 2017 17:50

Tgt Ion: 136 Resp: 392888

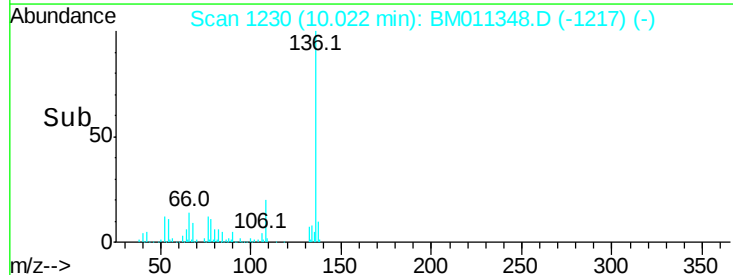
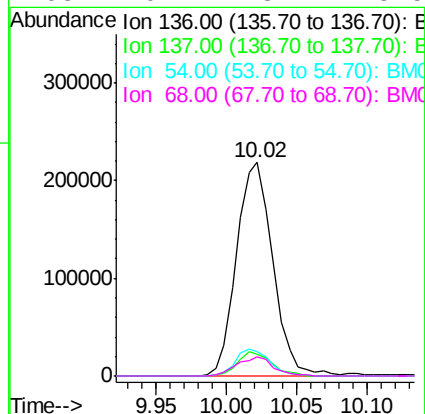
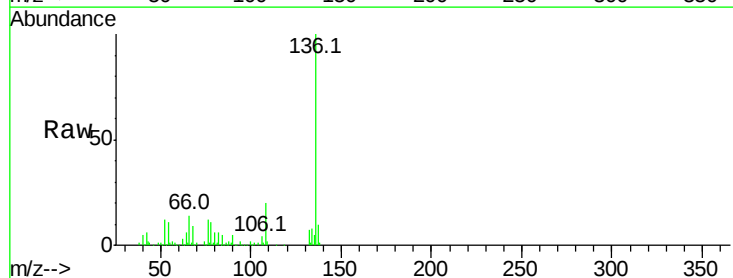
Ion Ratio Lower Upper

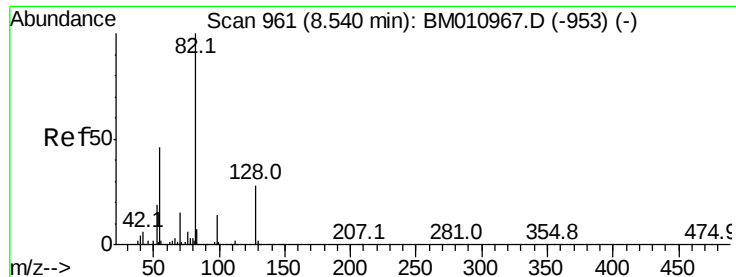
136 100

137 10.2 8.7 13.1

54 11.4 4.6 6.8#

68 9.2 3.7 5.5#

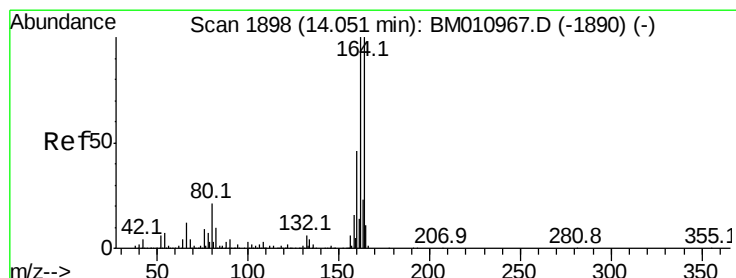
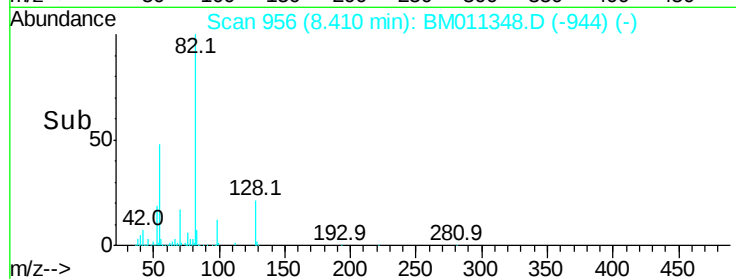
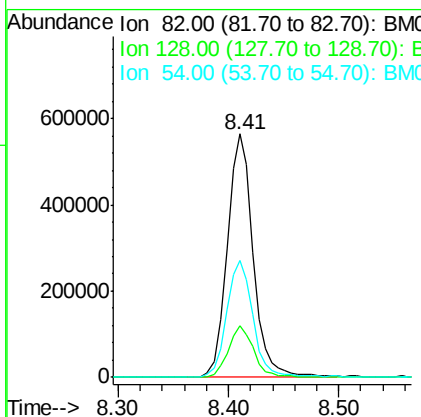
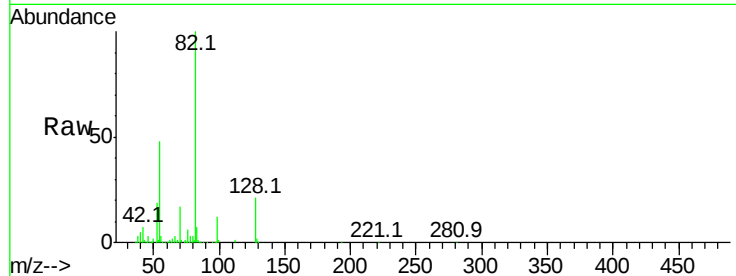




#23
Nitrobenzene-d5
Concen: 88.615 ng
RT: 8.41 min Scan# 956
Delta R.T. -0.03 min
Lab File: BM011348.D
Acq: 25 Aug 2017 17:50

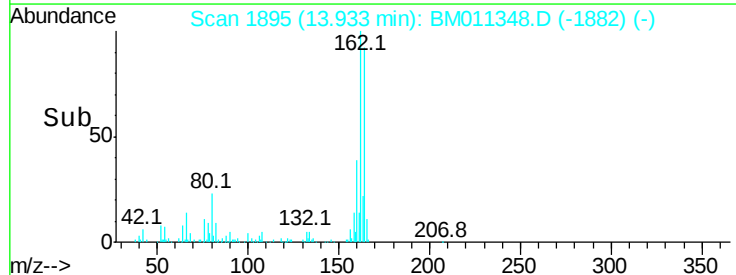
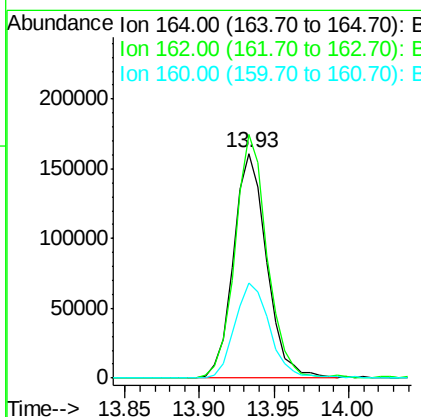
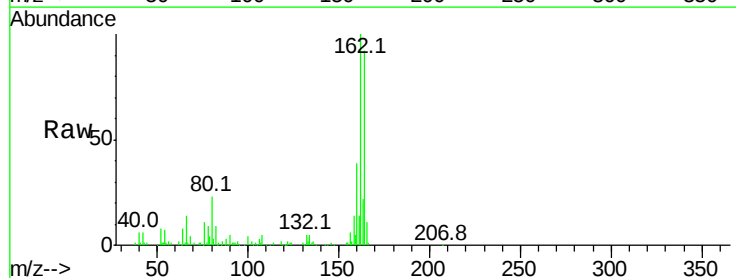
Instrument :
BNA_M
ClientSampleId :
PB101809BL

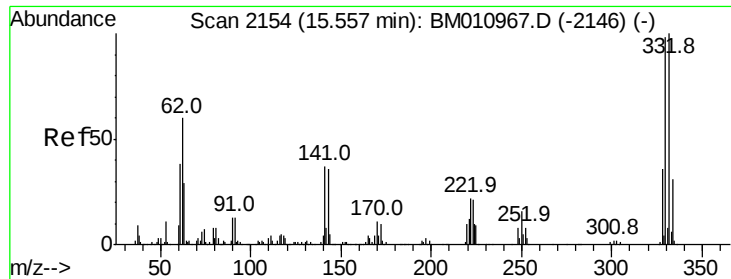
Tot Ion	Ratio	Lower	Upper
82	100		
128	21.2	32.8	49.2#
54	47.9	40.6	60.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.93 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BM011348.D
Acq: 25 Aug 2017 17:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.5	82.4	123.6
160	42.5	35.8	53.6

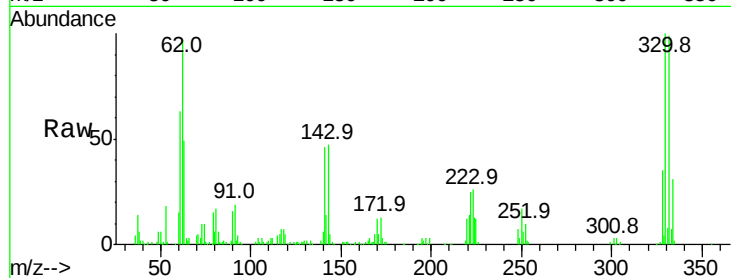




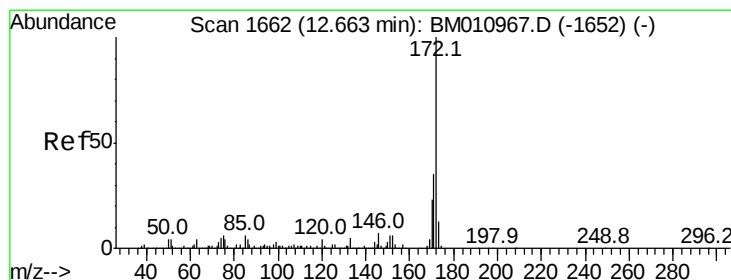
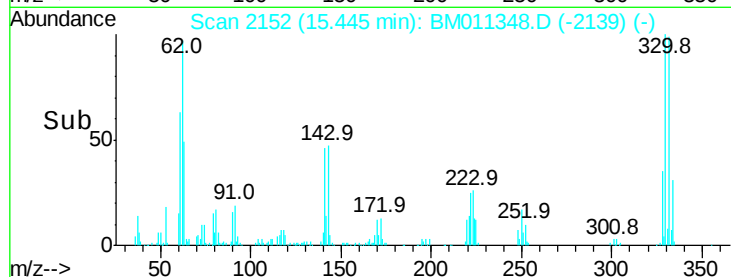
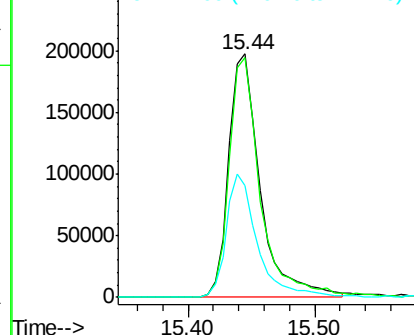
#41
 2,4,6-Tribromophenol
 Concen: 84.966 ng
 RT: 15.44 min Scan# 2152
 Delta R.T. -0.02 min
 Lab File: BM011348.D
 Acq: 25 Aug 2017 17:50

Instrument :
 BNA_M
 ClientSampleId :
 PB101809BL

Tot Ion:330 Resp: 341429
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 50.0 0.0 0.0#

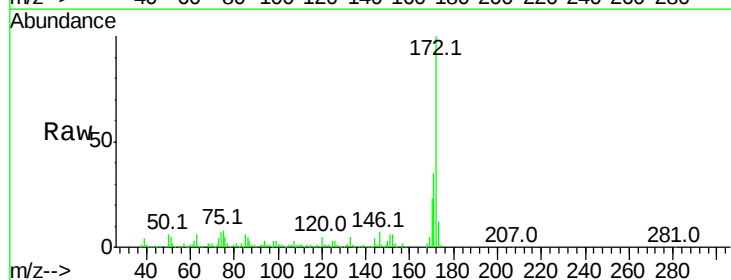


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

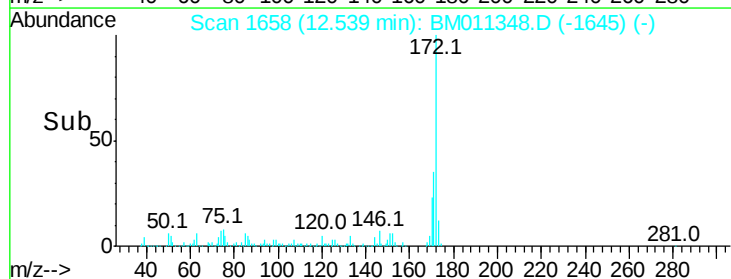
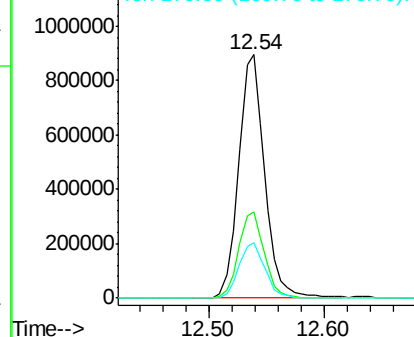


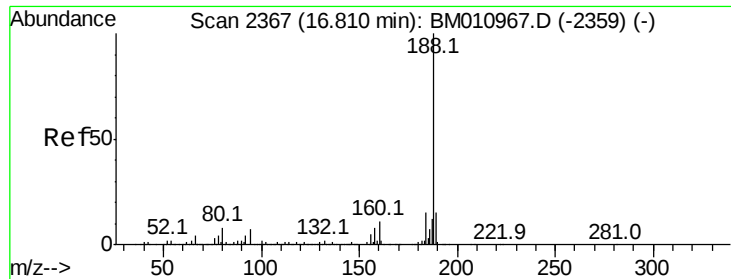
#44
 2-Fluorobiphenyl
 Concen: 69.543 ng
 RT: 12.54 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BM011348.D
 Acq: 25 Aug 2017 17:50

Tgt Ion:172 Resp: 1390231
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 23.0 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

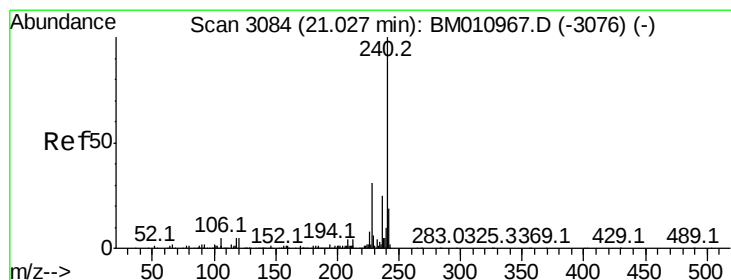
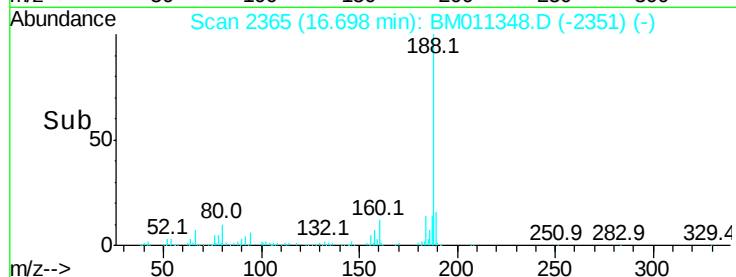
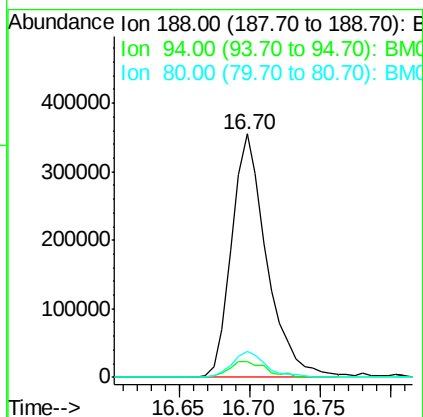
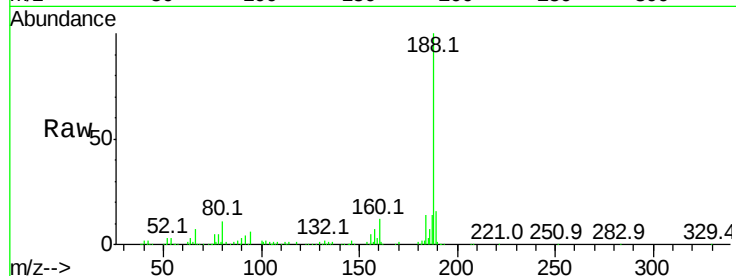




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.70 min Scan# 2365
Delta R.T. -0.02 min
Lab File: BM011348.D
Acq: 25 Aug 2017 17:50

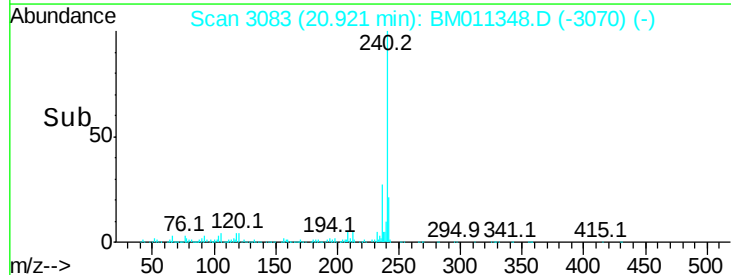
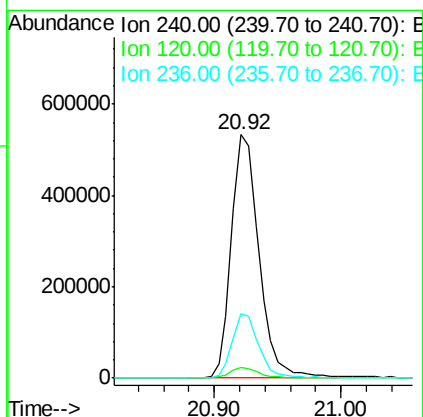
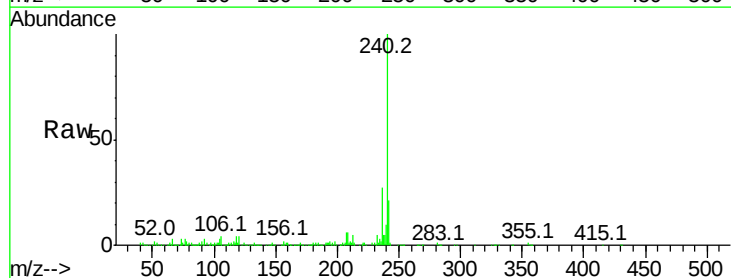
Instrument :
BNA_M
ClientSampleId :
PB101809BL

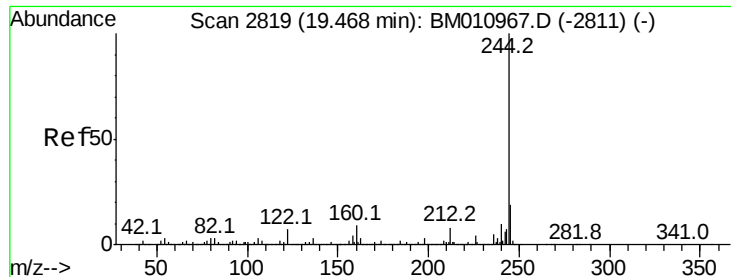
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.4	8.7	13.1#
80	10.5	9.3	13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.92 min Scan# 3083
Delta R.T. -0.02 min
Lab File: BM011348.D
Acq: 25 Aug 2017 17:50

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



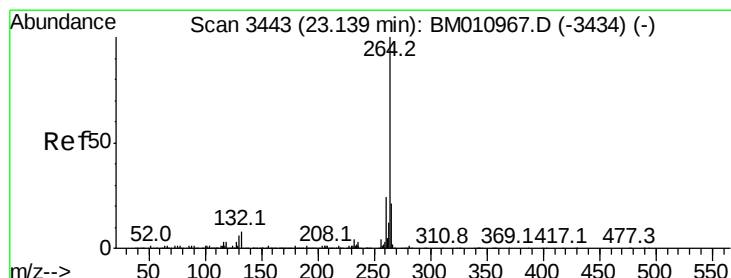
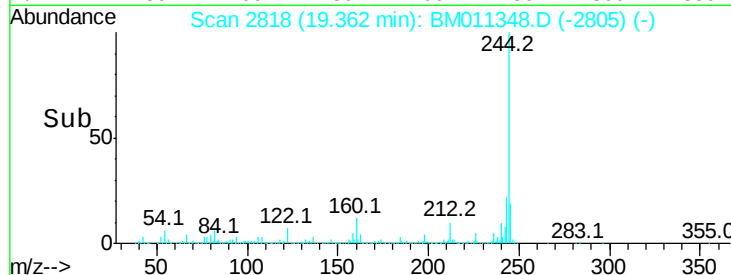
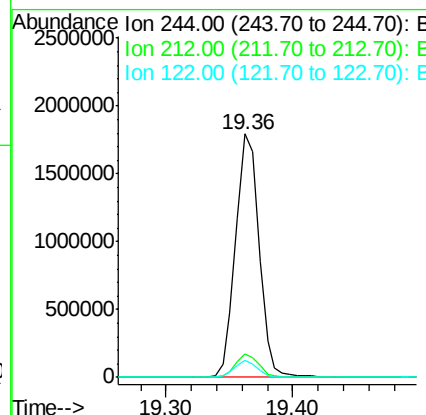
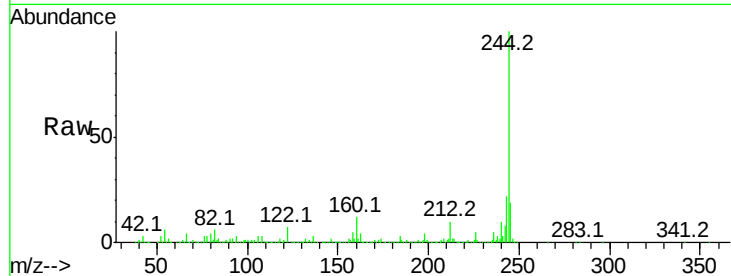


#78
 Terphenyl-d14
 Concen: 56.532 ng
 RT: 19.36 min Scan# 2818
 Delta R.T. -0.02 min
 Lab File: BM011348.D
 Acq: 25 Aug 2017 17:50

Instrument :
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 ClientSampleId :
 PB101809BL

Tot Ion:244 Resp: 2297351

Ion	Ratio	Lower	Upper
244	100		
212	9.5	4.9	7.3#
122	6.9	6.2	9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 22.99 min Scan# 3435
 Delta R.T. -0.03 min
 Lab File: BM011348.D
 Acq: 25 Aug 2017 17:50

Tgt Ion:264 Resp: 767558

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	20.2	17.3	25.9

