

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080417\
 Data File : BM011131.D
 Acq On : 04 Aug 2017 23:25
 Operator : SJ/JU
 Sample : I4585-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-080217

Quant Time: Aug 05 04:51:55 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	116883	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	377090	20.00	ng	-0.08
38) Acenaphthene-d10	13.99	164	326918	20.00	ng	-0.06
63) Phenanthrene-d10	16.74	188	772720	20.00	ng	-0.06
75) Chrysene-d12	20.97	240	977029	20.00	ng	-0.06
86) Perylene-d12	23.05	264	1265779	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	1022840	147.93	ng	-0.07
7) Phenol-d6	6.52	99	1185521	120.68	ng	-0.07
23) Nitrobenzene-d5	8.46	82	1033723	102.89	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	837294	159.79	ng	-0.06
44) 2-Fluorobiphenyl	12.59	172	2288825	87.80	ng	-0.07
78) Terphenyl-d14	19.41	244	5101114	103.42	ng	-0.06

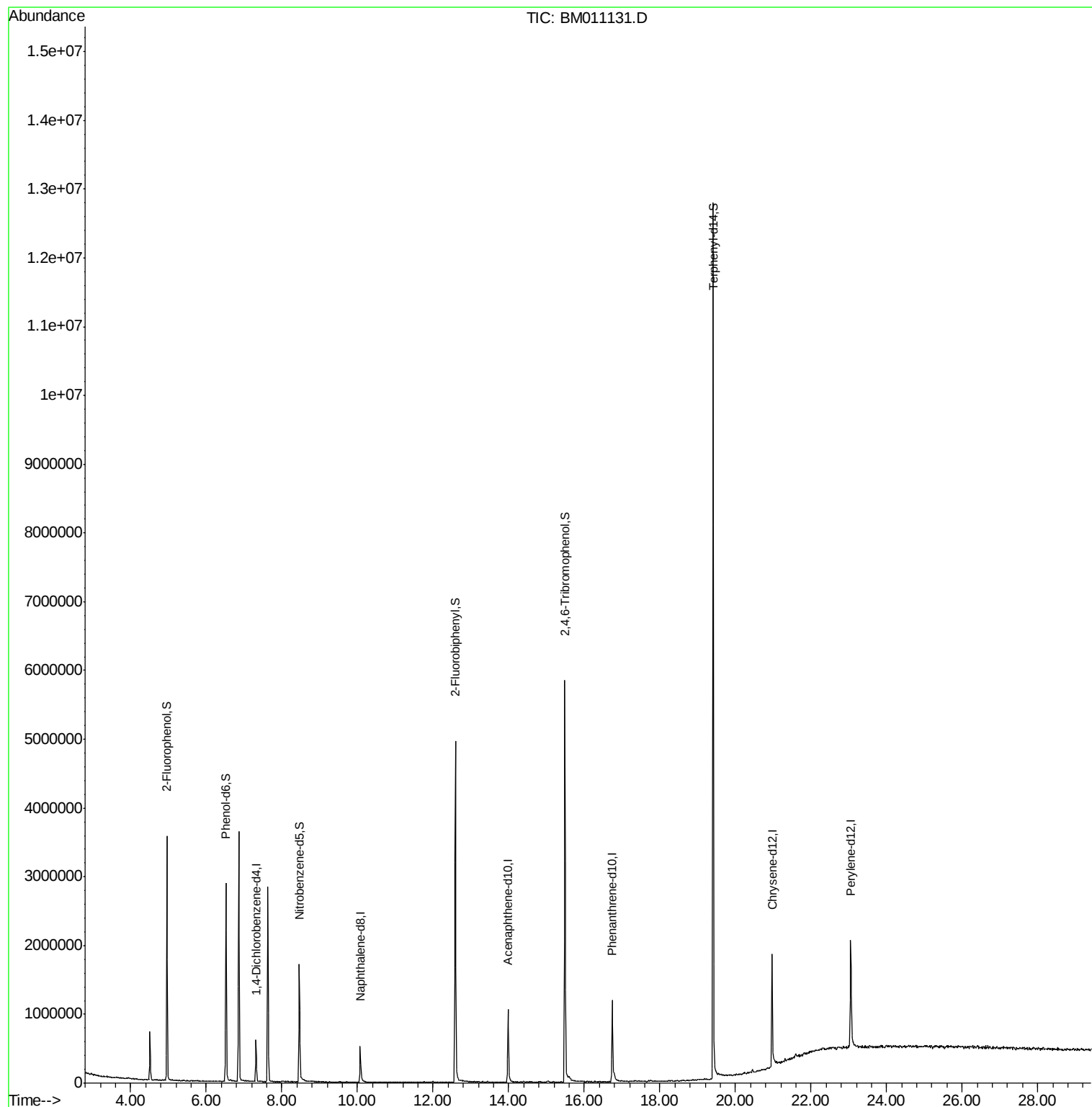
Target Compounds Qvalue

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

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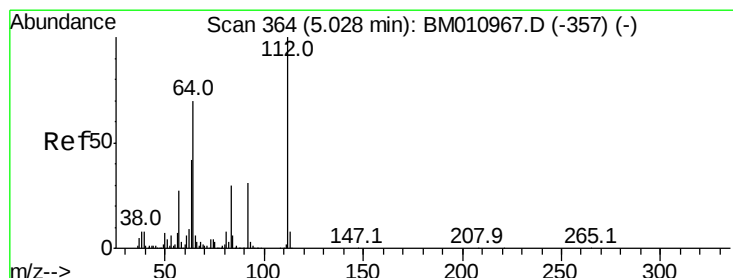
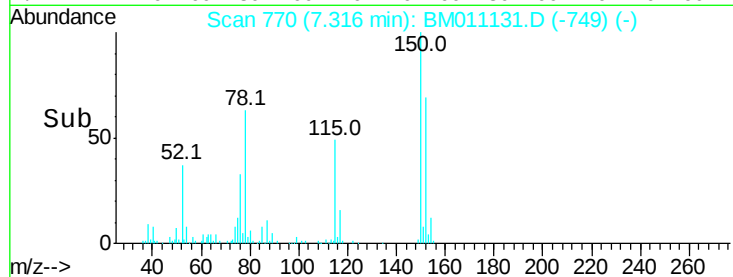
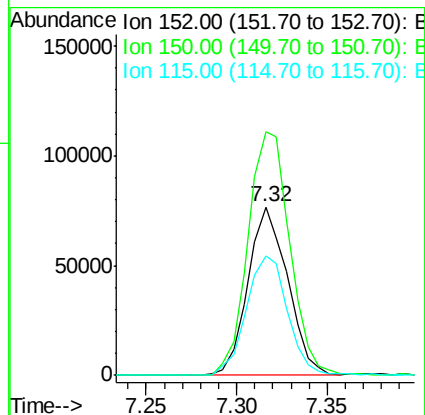
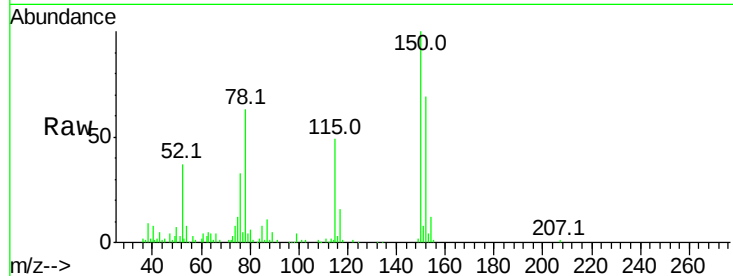


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 770
Delta R.T. -0.08 min
Lab File: BM011131.D
Acq: 04 Aug 2017 23:25

Instrument :
BNA_M
ClientSampleId :
OR-01-080217

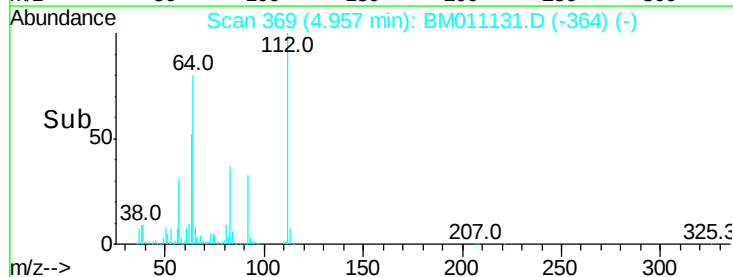
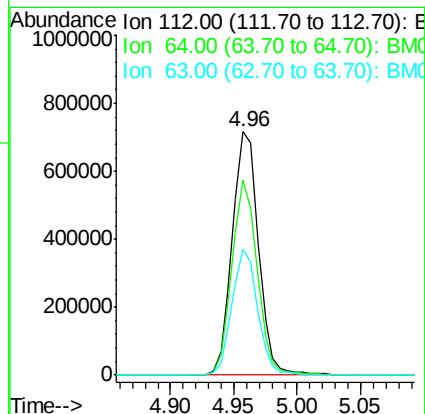
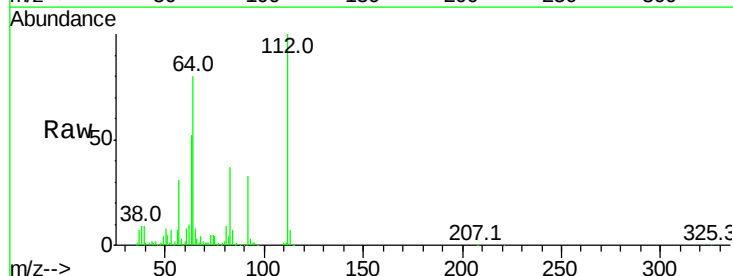
Tot Ion:152 Resp: 116883
Ion Ratio Lower Upper
152 100
150 144.9 119.5 179.3
115 70.8 43.0 64.4#

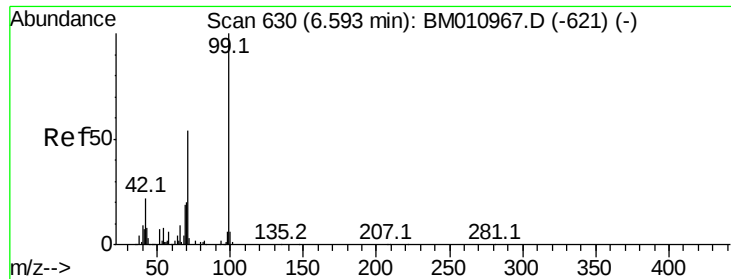


#5

2-Fluorophenol
Concen: 147.930 ng
RT: 4.96 min Scan# 369
Delta R.T. -0.07 min
Lab File: BM011131.D
Acq: 04 Aug 2017 23:25

Tgt Ion:112 Resp: 1022840
Ion Ratio Lower Upper
112 100
64 80.2 38.6 57.8#
63 51.7 19.3 28.9#





#7

Phenol-d6

Concen: 120.676 ng

RT: 6.52 min Scan# 635

Delta R.T. -0.07 min

Lab File: BM011131.D

Acq: 04 Aug 2017 23:25

Instrument :

BNA_M

ClientSampleId :

OR-01-080217

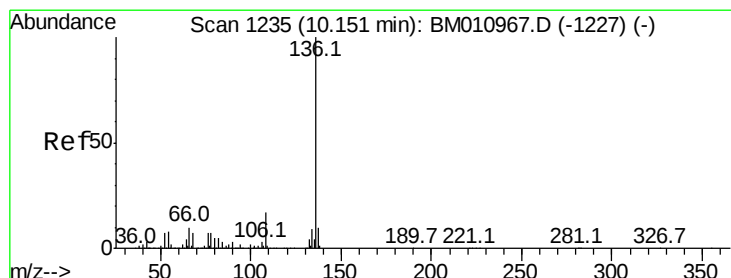
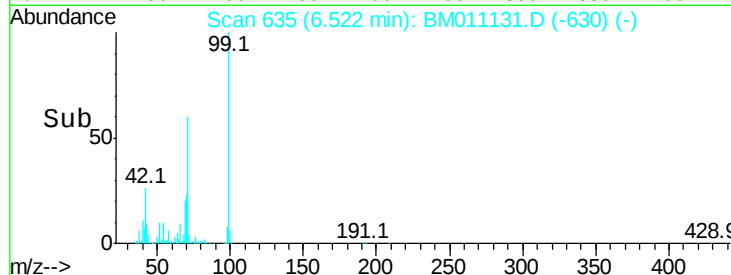
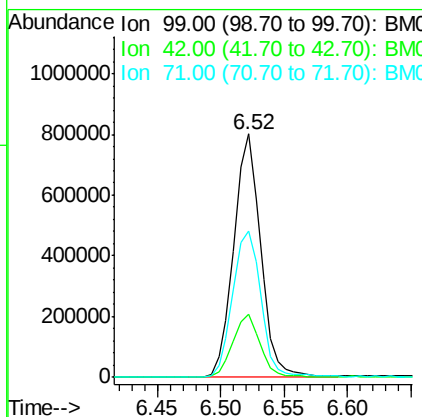
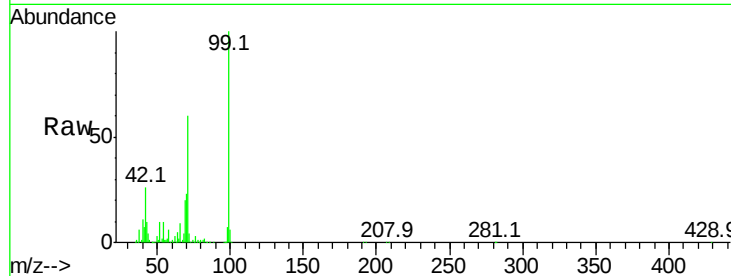
Tot Ion: 99 Resp: 1185521

Ion Ratio Lower Upper

99 100

42 26.0 11.0 16.4#

71 60.3 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: BM011131.D

Acq: 04 Aug 2017 23:25

Tgt Ion: 136 Resp: 377090

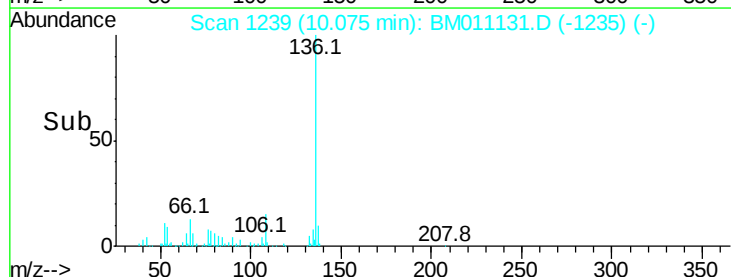
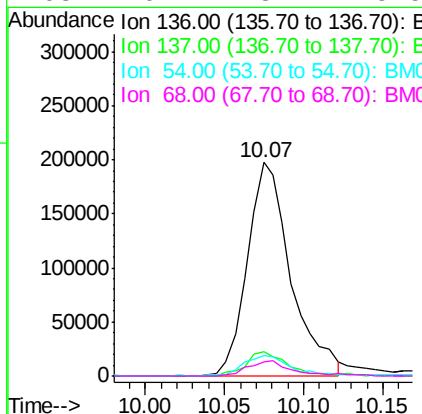
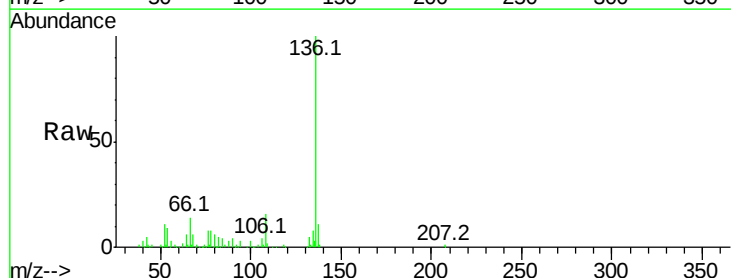
Ion Ratio Lower Upper

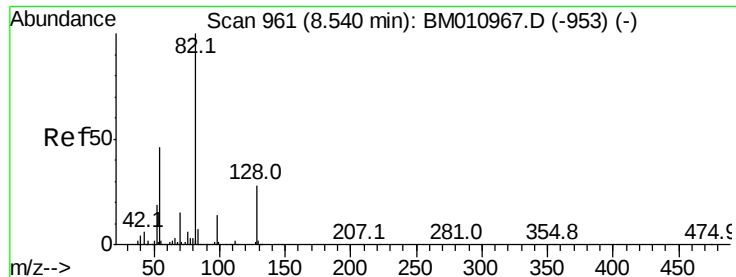
136 100

137 11.1 8.7 13.1

54 9.4 4.6 6.8#

68 6.4 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 102.886 ng

RT: 8.46 min Scan# 965

Delta R.T. -0.08 min

Lab File: BM011131.D

Acq: 04 Aug 2017 23:25

Instrument :

BNA_M

ClientSampleId :

OR-01-080217

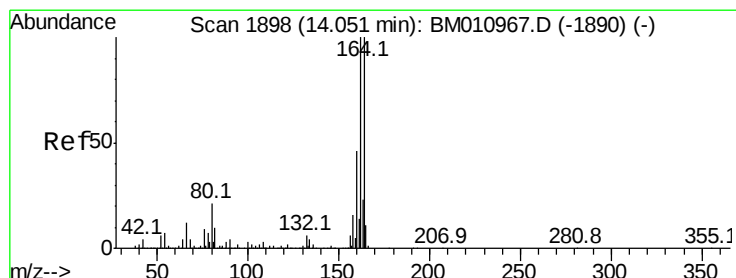
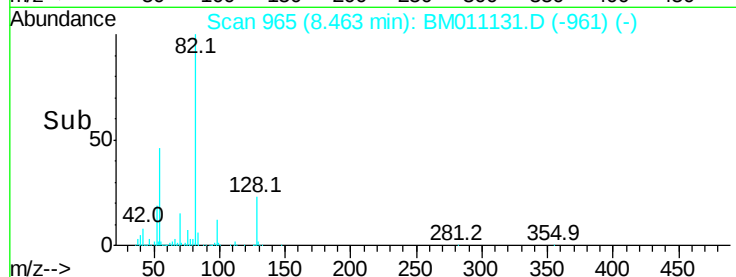
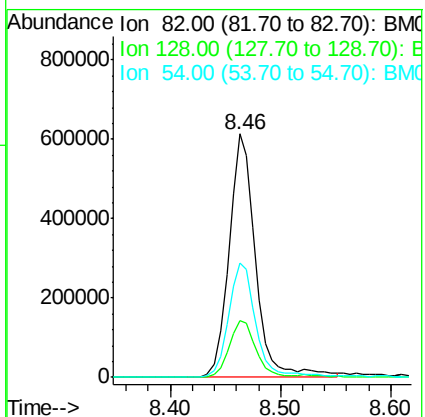
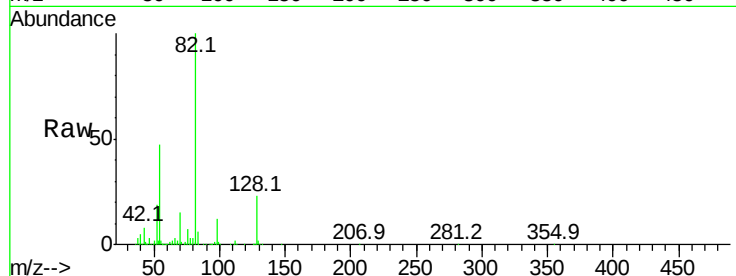
Tot Ion: 82 Resp: 1033723

Ion Ratio Lower Upper

82 100

128 23.3 32.8 49.2#

54 46.8 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.99 min Scan# 1904

Delta R.T. -0.06 min

Lab File: BM011131.D

Acq: 04 Aug 2017 23:25

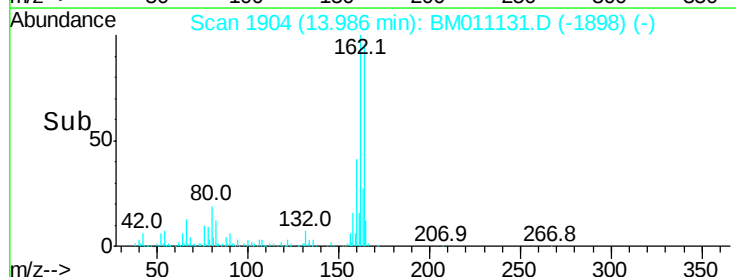
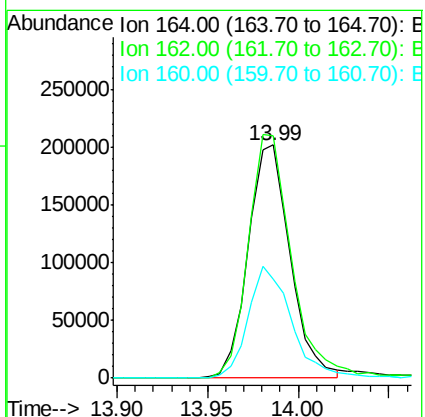
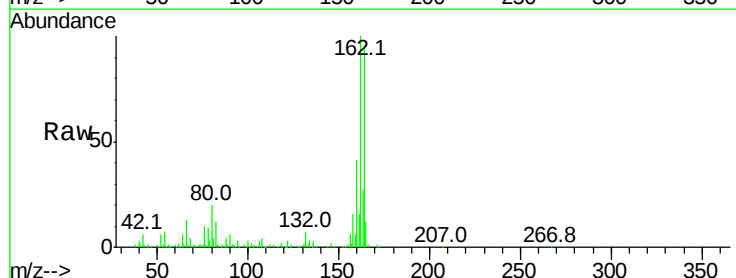
Tgt Ion:164 Resp: 326918

Ion Ratio Lower Upper

164 100

162 104.0 82.4 123.6

160 42.2 35.8 53.6

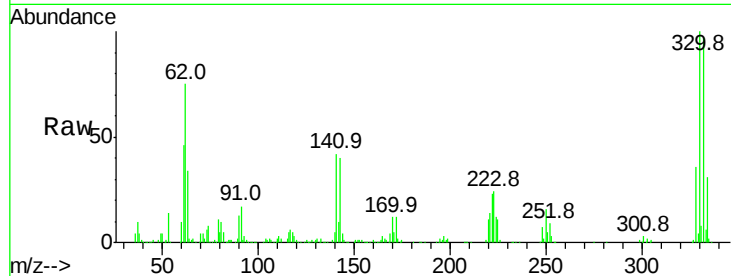




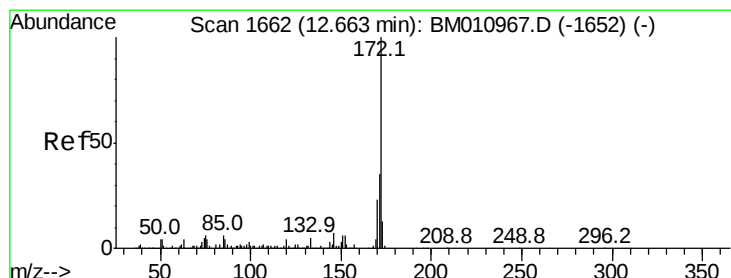
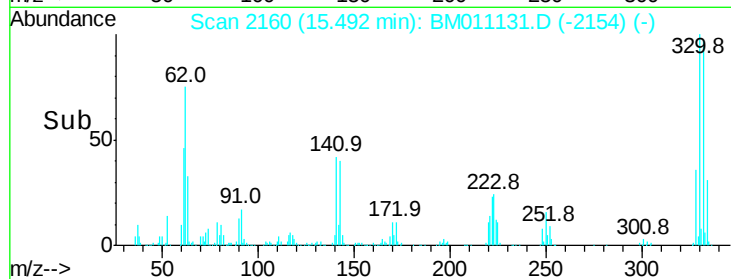
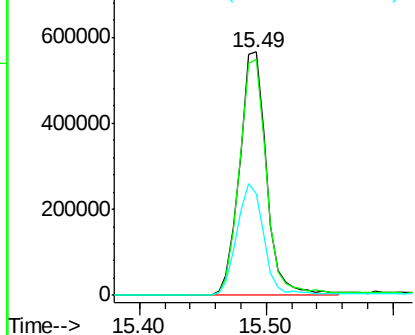
#41
 2,4,6-Tribromophenol
 Concen: 159.795 ng
 RT: 15.49 min Scan# 2160
 Delta R.T. -0.06 min
 Lab File: BM011131.D
 Acq: 04 Aug 2017 23:25

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-080217

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	46.1	0.0	0.0#

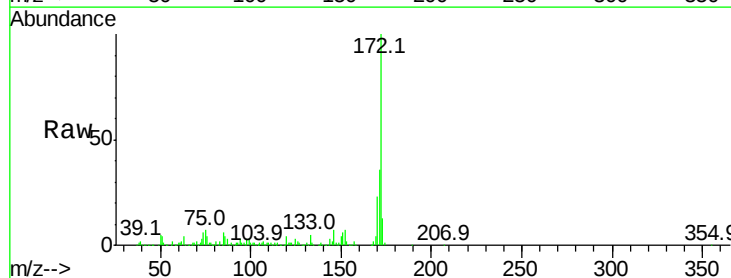


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

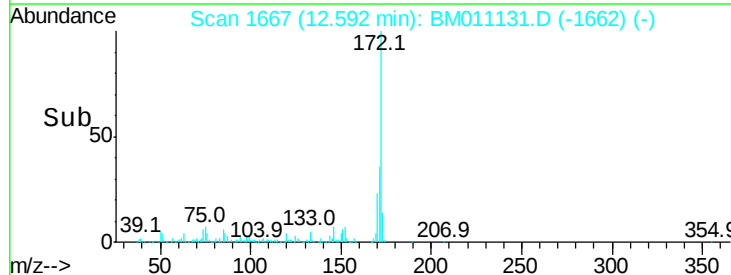
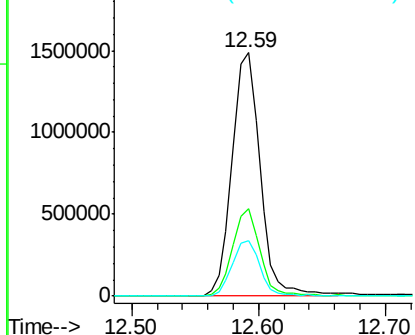


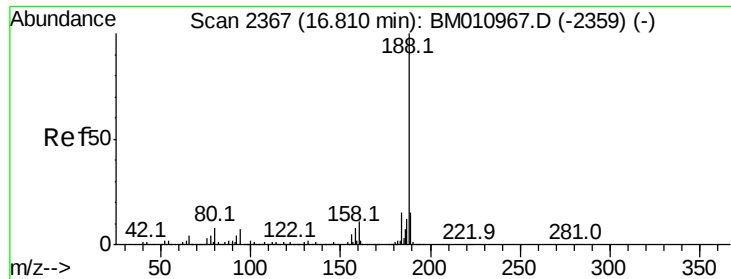
#44
 2-Fluorobiphenyl
 Concen: 87.805 ng
 RT: 12.59 min Scan# 1667
 Delta R.T. -0.07 min
 Lab File: BM011131.D
 Acq: 04 Aug 2017 23:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	22.5	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

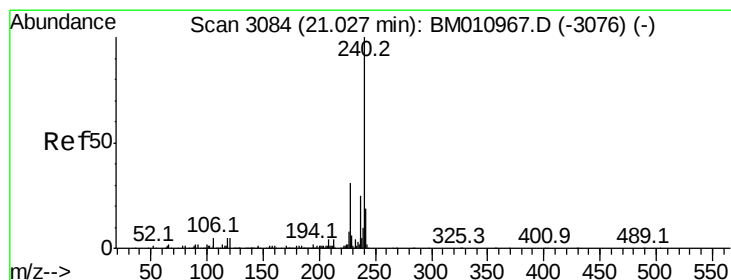
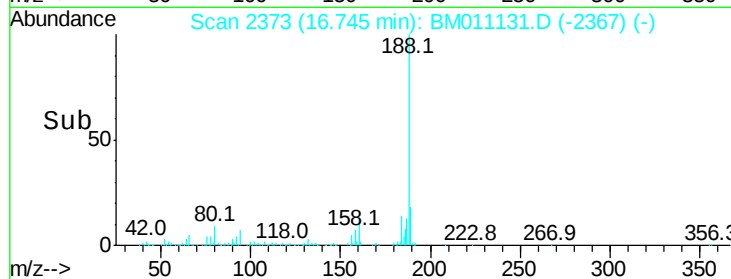
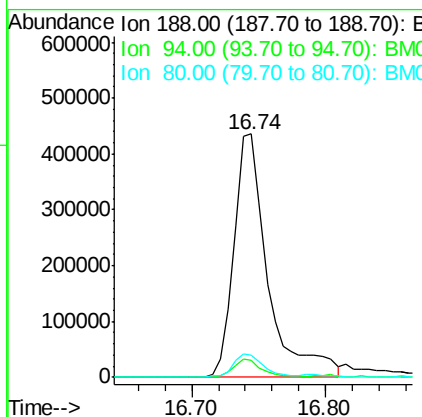
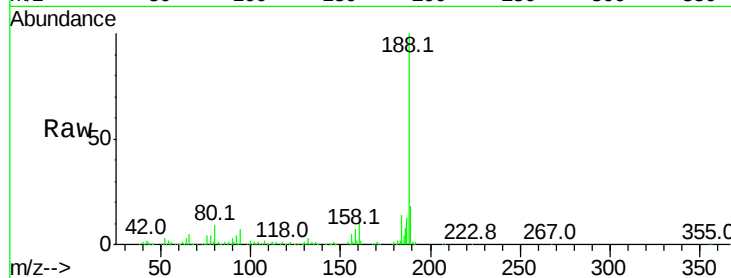




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.74 min Scan# 2373
Delta R.T. -0.06 min
Lab File: BM011131.D
Acq: 04 Aug 2017 23:25

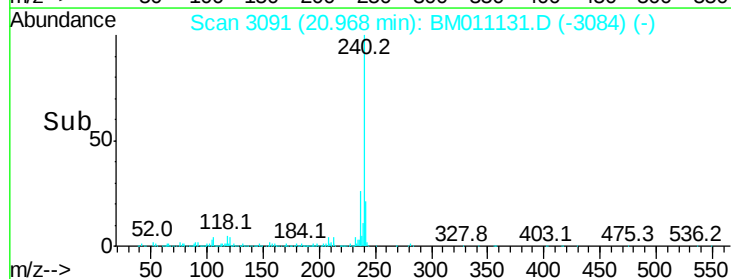
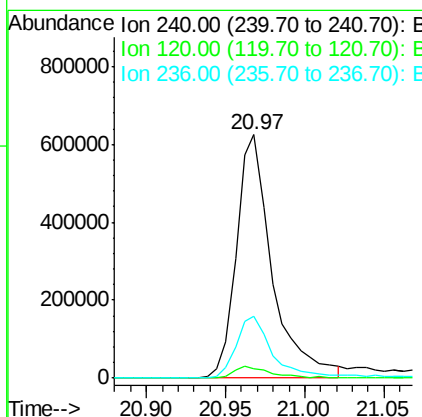
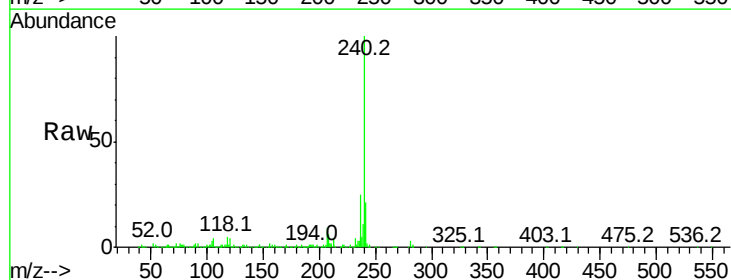
Instrument :
BNA_M
ClientSampleId :
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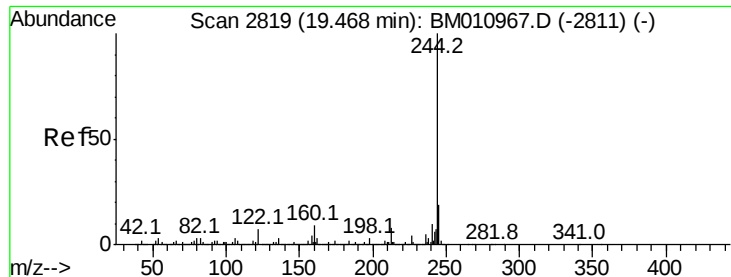
Tot Ion:188 Resp: 772720
Ion Ratio Lower Upper
188 100
94 6.8 8.7 13.1#
80 8.9 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.97 min Scan# 3091
Delta R.T. -0.06 min
Lab File: BM011131.D
Acq: 04 Aug 2017 23:25

Tgt Ion:240 Resp: 977029
Ion Ratio Lower Upper
240 100
120 4.0 8.2 12.2#
236 25.5 20.0 30.0





#78

Terphenyl-d14

Concen: 103.422 ng

RT: 19.41 min Scan# 2826

Delta R.T. -0.06 min

Lab File: BM011131.D

Acq: 04 Aug 2017 23:25

Instrument :

BNA_M

ClientSampleId :

OR-01-080217

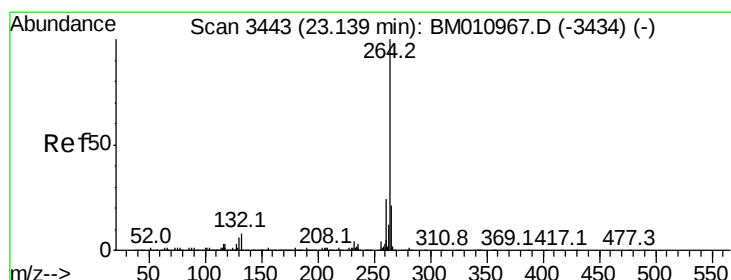
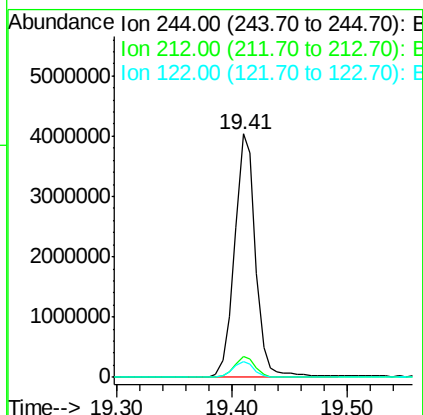
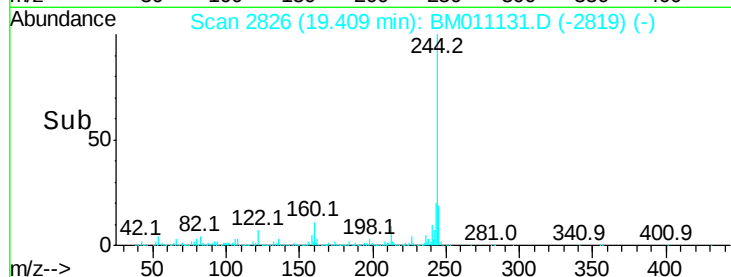
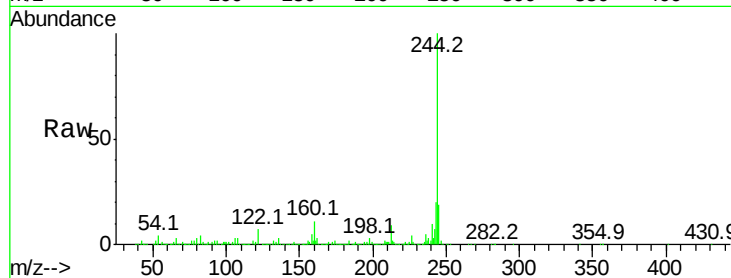
Tot Ion:244 Resp: 5101114

Ion Ratio Lower Upper

244 100

212 8.5 4.9 7.3#

122 6.7 6.2 9.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.05 min Scan# 3445

Delta R.T. -0.09 min

Lab File: BM011131.D

Acq: 04 Aug 2017 23:25

Tgt Ion:264 Resp: 1265779

Ion Ratio Lower Upper

264 100

260 22.8 18.6 27.8

265 23.5 17.3 25.9

