

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080917\
 Data File : BM011191.D
 Acq On : 10 Aug 2017 01:11
 Operator : SJ/JU
 Sample : I4657-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CL-01-080717-C

Quant Time: Aug 10 03:40:54 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	7.30	152	160680	20.00	ng	-0.09
21) Naphthalene-d8	10.05	136	521910	20.00	ng	-0.10
38) Acenaphthene-d10	13.96	164	182435	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	646276	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	248673	20.00	ng	-0.08
86) Perylene-d12	23.03	264	9135	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	1310975	137.92	ng	-0.09
7) Phenol-d6	6.50	99	1132228	83.84	ng	-0.09
23) Nitrobenzene-d5	8.45	82	1631551	117.33	ng	-0.09
41) 2,4,6-Tribromophenol	15.47	330	736703	251.95	ng	-0.09
44) 2-Fluorobiphenyl	12.57	172	2644471	181.79	ng	-0.09
78) Terphenyl-d14	19.39	244	3460636	275.67	ng	-0.08

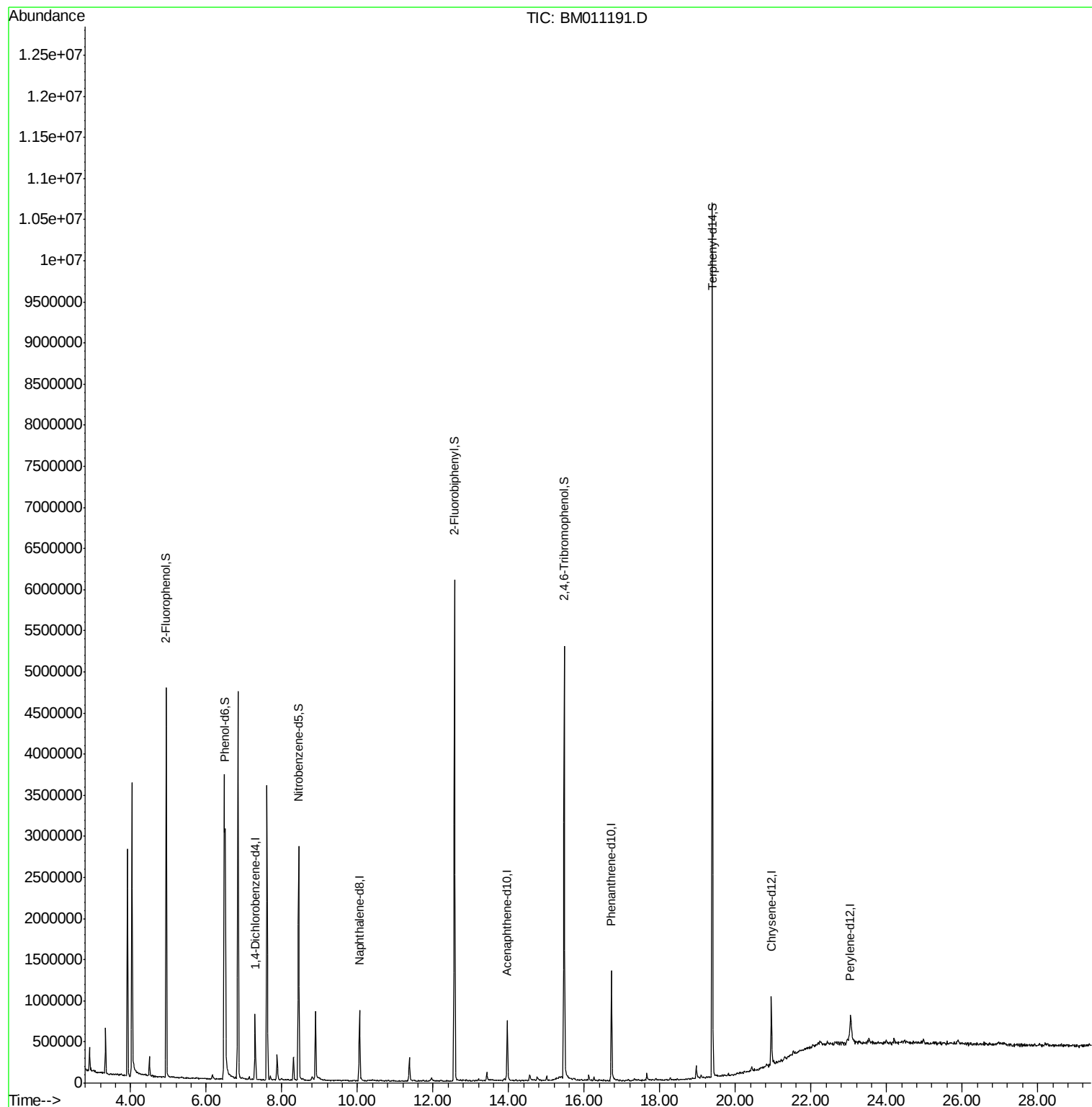
Target Compounds Qvalue

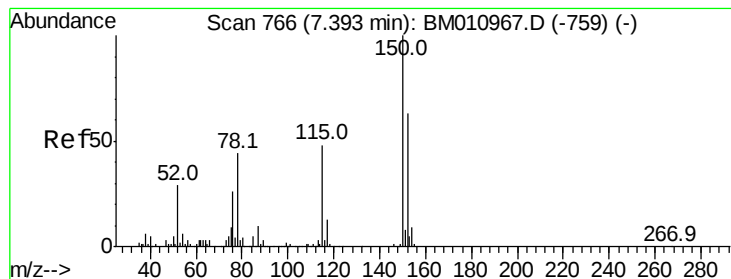
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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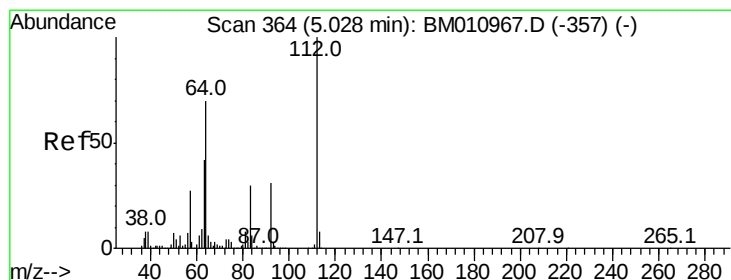
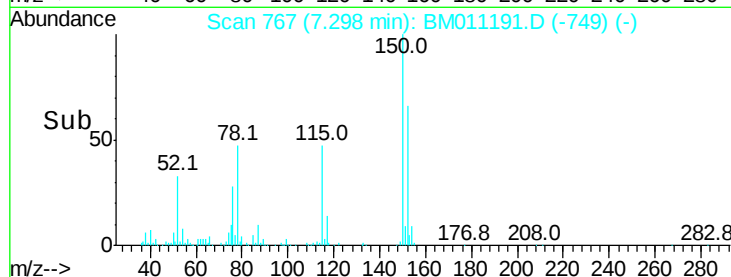
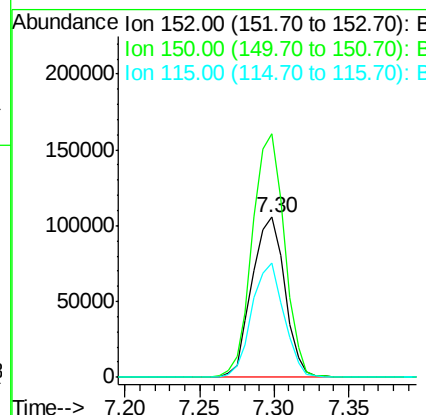
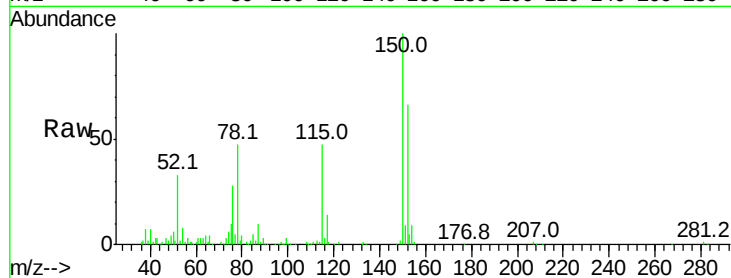


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.30 min Scan# 767
Delta R.T. -0.09 min
Lab File: BM011191.D
Acq: 10 Aug 2017 01:11

Instrument :
BNA_M
ClientSampleId :
CL-01-080717-C

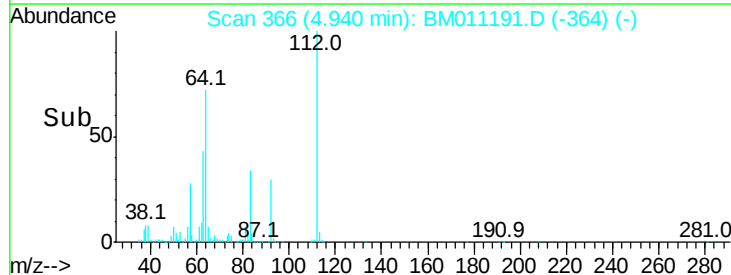
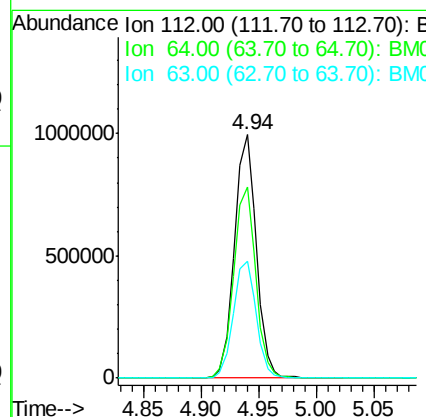
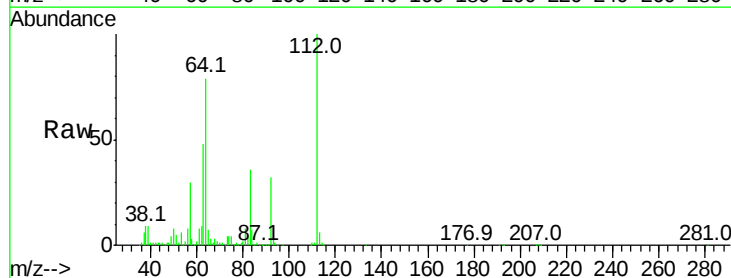
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	119.5	179.3
115	71.6	43.0	64.4

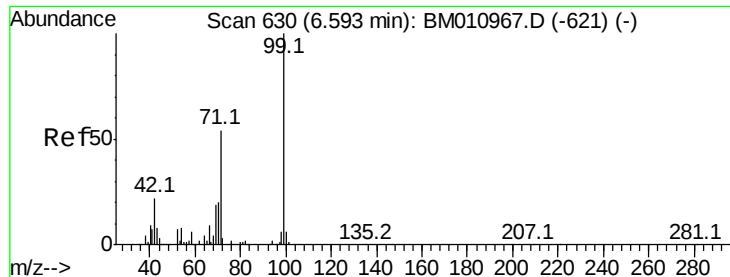


#5

2-Fluorophenol
Concen: 137.922 ng
RT: 4.94 min Scan# 366
Delta R.T. -0.09 min
Lab File: BM011191.D
Acq: 10 Aug 2017 01:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	78.5	38.6	57.8
63	48.2	19.3	28.9





#7

Phenol-d6

Concen: 83.837 ng

RT: 6.50 min Scan# 631

Delta R.T. -0.09 min

Lab File: BM011191.D

Acq: 10 Aug 2017 01:11

Instrument :

BNA_M

ClientSampleId :

CL-01-080717-C

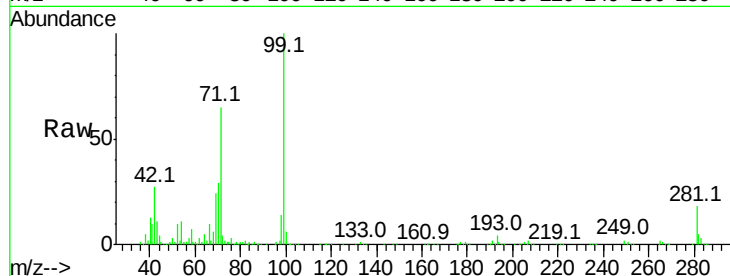
Tot Ion: 99 Resp: 1132228

Ion Ratio Lower Upper

99 100

42 26.7 11.0 16.4#

71 65.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010967.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM010967.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM010967.D (-621) (-)

6.50

800000

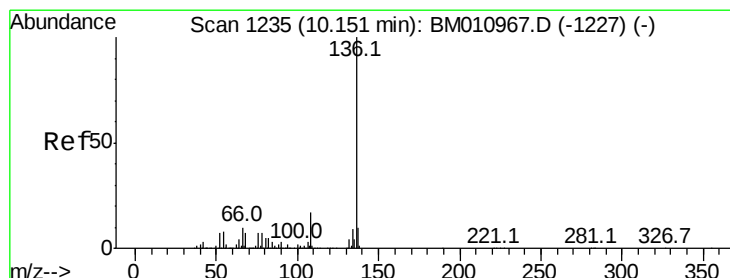
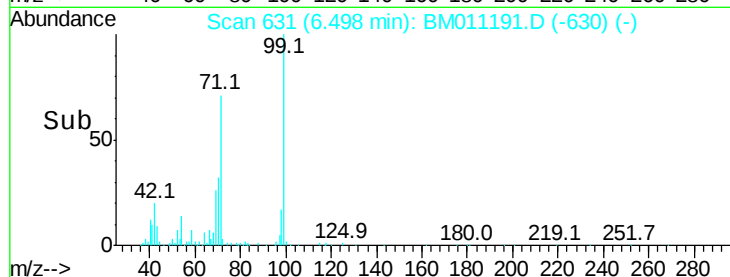
600000

400000

200000

0

Time--> 6.40 6.50 6.60



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1235

Delta R.T. -0.10 min

Lab File: BM011191.D

Acq: 10 Aug 2017 01:11

Tgt Ion: 136 Resp: 521910

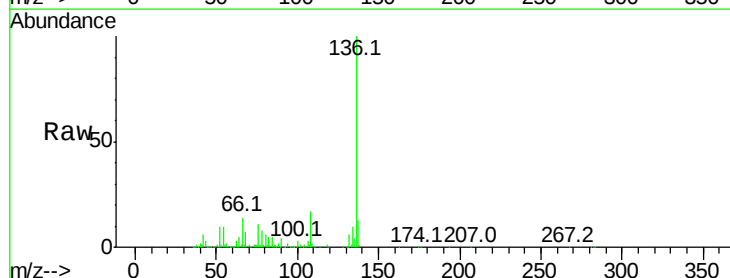
Ion Ratio Lower Upper

136 100

137 12.8 8.7 13.1

54 9.8 4.6 6.8#

68 7.4 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM010967.D (-1227) (-)

Ion 137.00 (136.70 to 137.70): BM010967.D (-1227) (-)

Ion 54.00 (53.70 to 54.70): BM010967.D (-1227) (-)

Ion 68.00 (67.70 to 68.70): BM010967.D (-1227) (-)

10.05

400000

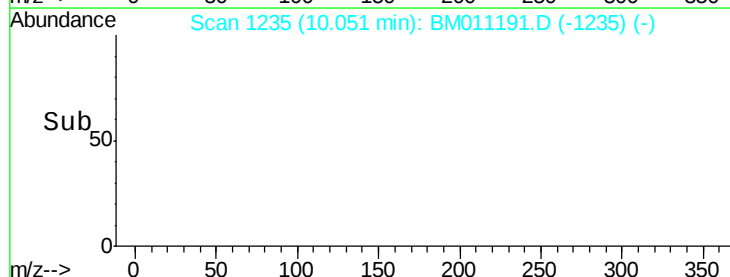
300000

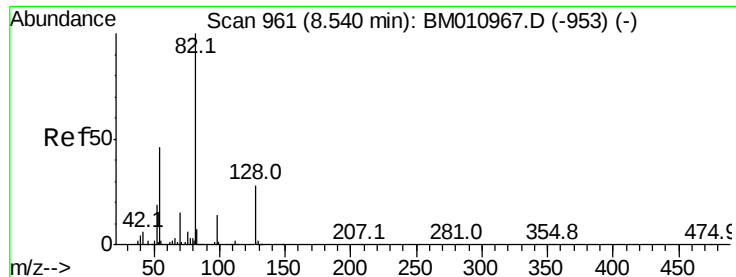
200000

100000

0

Time--> 9.95 10.00 10.05 10.10

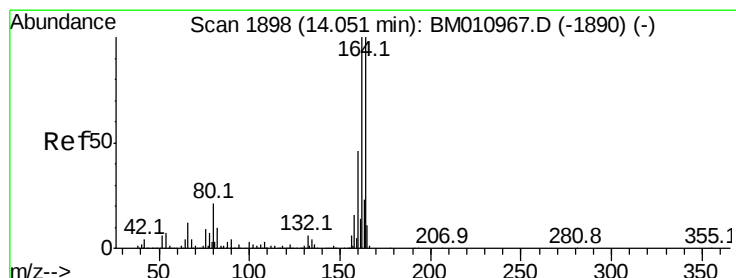
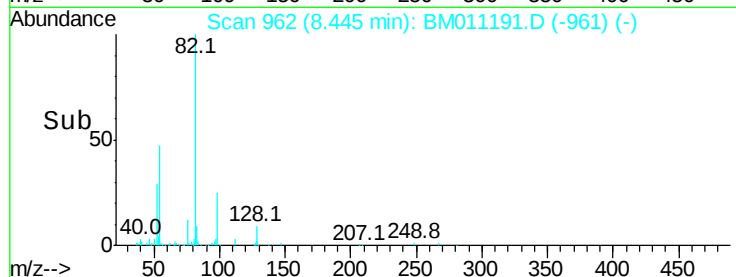
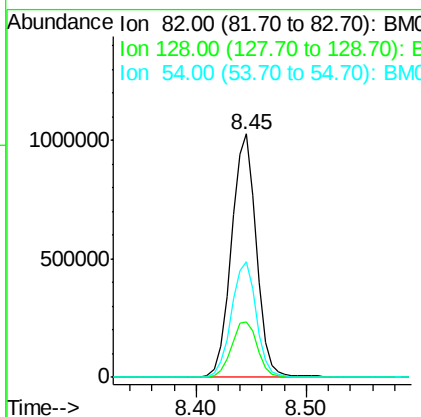
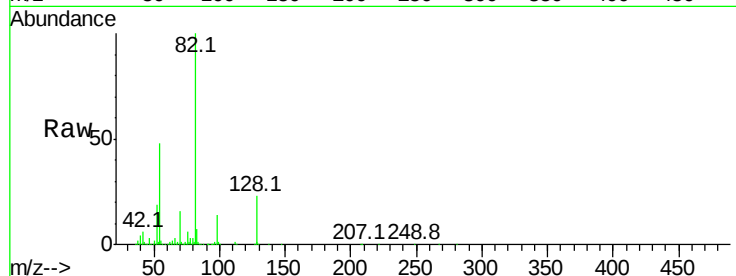




#23
 Nitrobenzene-d5
 Concen: 117.328 ng
 RT: 8.45 min Scan# 962
 Delta R.T. -0.09 min
 Lab File: BM011191.D
 Acq: 10 Aug 2017 01:11

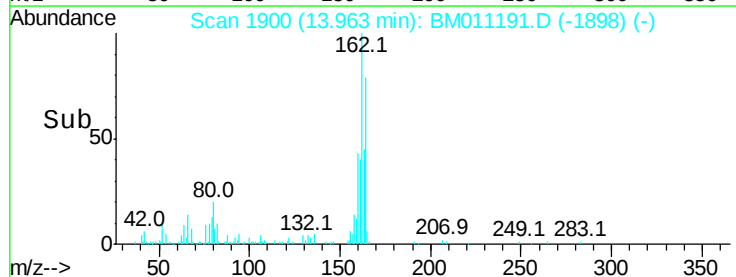
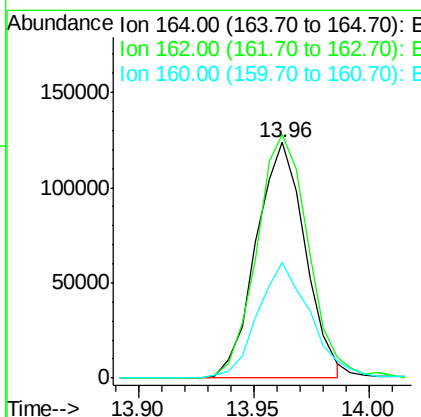
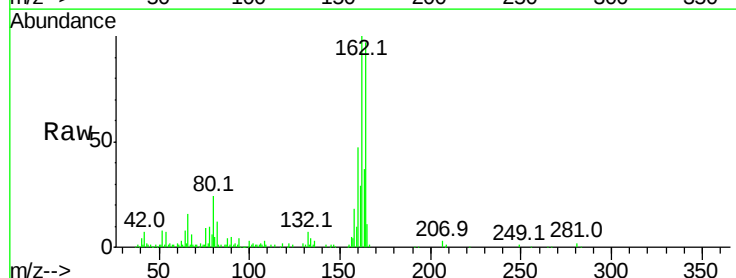
Instrument :
 BNA_M
 ClientSampleId :
 CL-01-080717-C

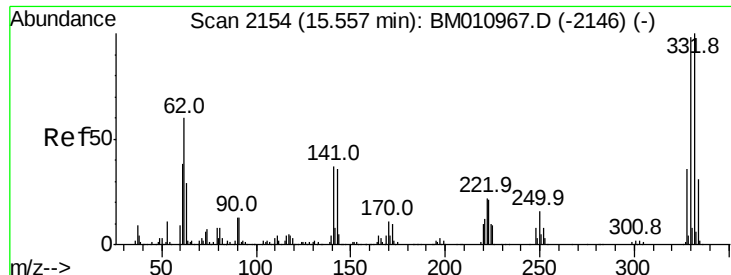
Tot Ion: 82 Resp: 1631551
 Ion Ratio Lower Upper
 82 100
 128 23.0 32.8 49.2#
 54 47.7 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.96 min Scan# 1900
 Delta R.T. -0.09 min
 Lab File: BM011191.D
 Acq: 10 Aug 2017 01:11

Tgt Ion:164 Resp: 182435
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.4 123.6
 160 49.0 35.8 53.6

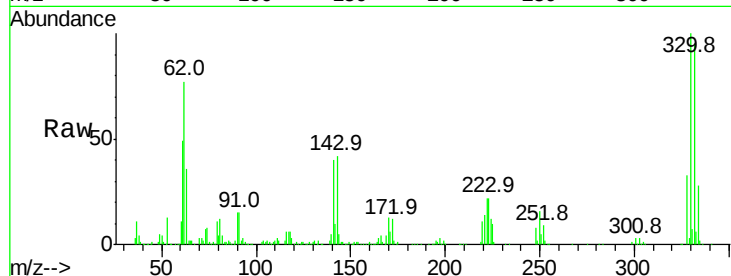




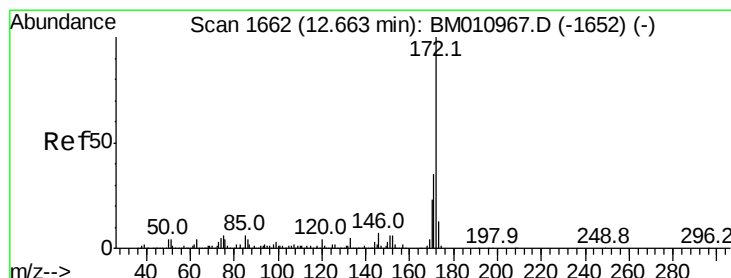
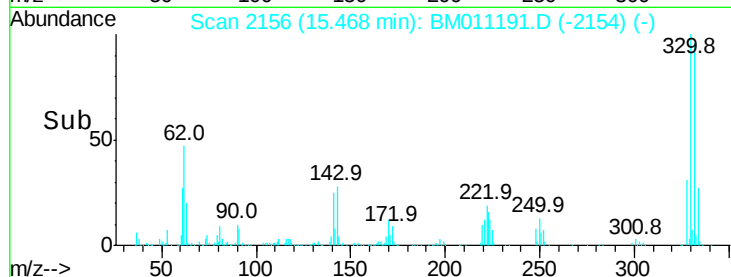
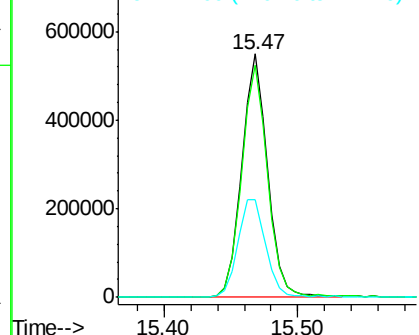
#41
 2,4,6-Tribromophenol
 Concen: 251.946 ng
 RT: 15.47 min Scan# 2156
 Delta R.T. -0.09 min
 Lab File: BM011191.D
 Acq: 10 Aug 2017 01:11

Instrument :
 BNA_M
 ClientSampleId :
 CL-01-080717-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	43.6	0.0	0.0#

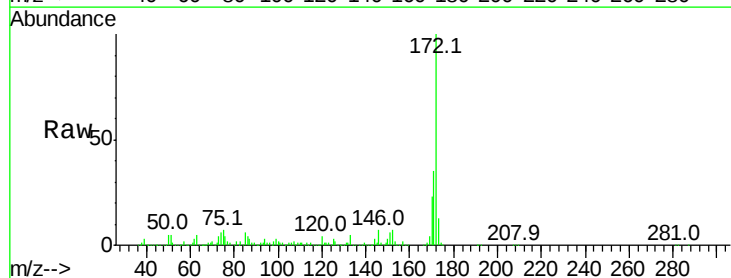


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

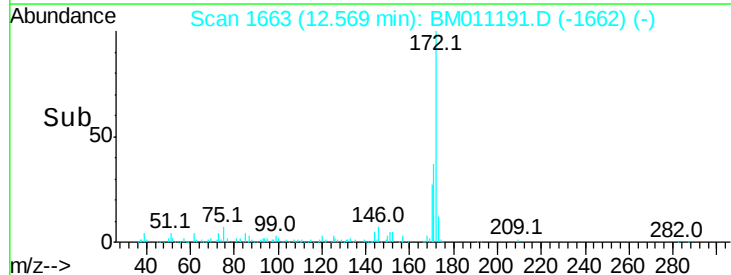
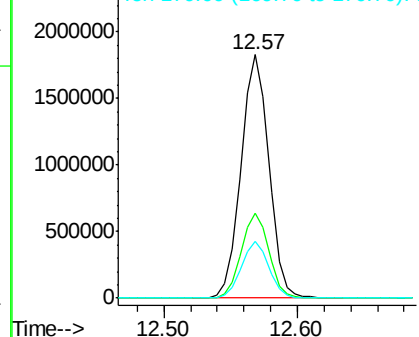


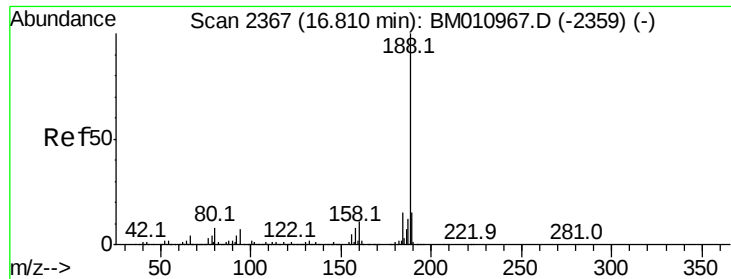
#44
 2-Fluorobiphenyl
 Concen: 181.792 ng
 RT: 12.57 min Scan# 1663
 Delta R.T. -0.09 min
 Lab File: BM011191.D
 Acq: 10 Aug 2017 01:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.4	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

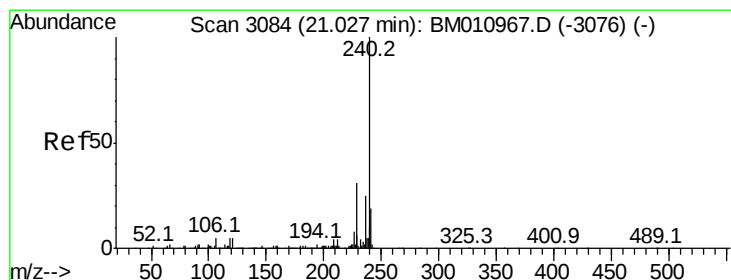
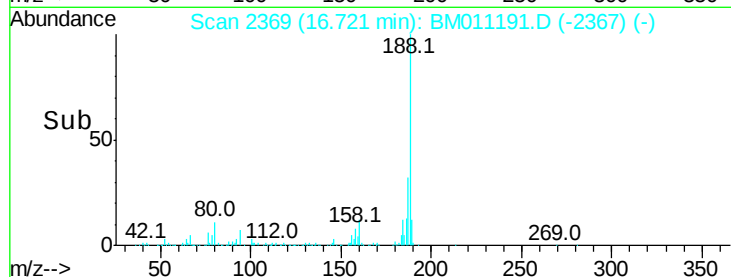
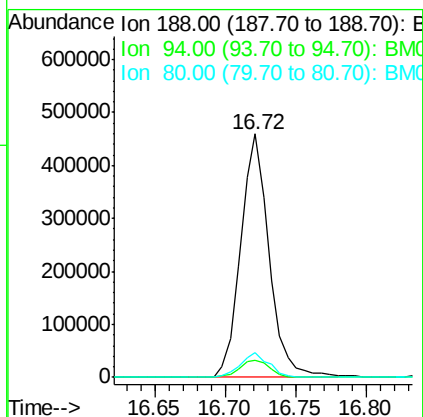
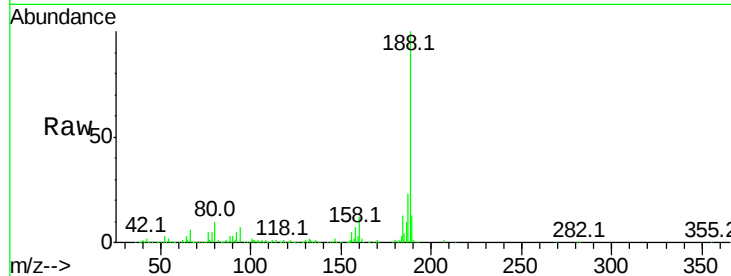




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2369
Delta R.T. -0.09 min
Lab File: BM011191.D
Acq: 10 Aug 2017 01:11

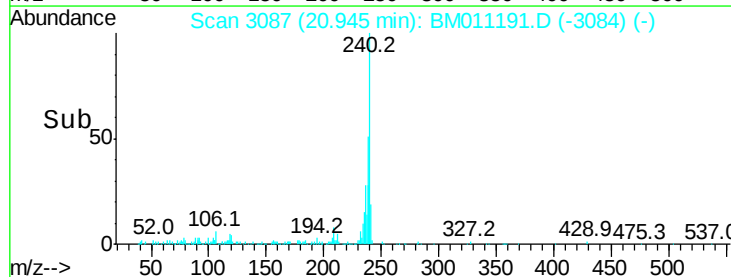
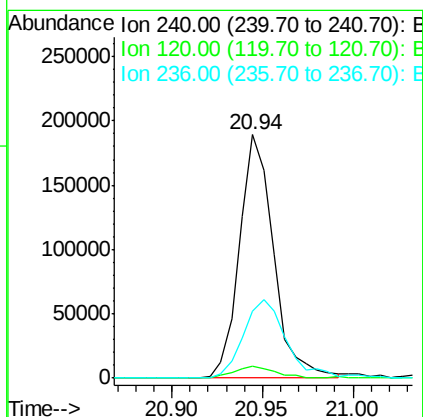
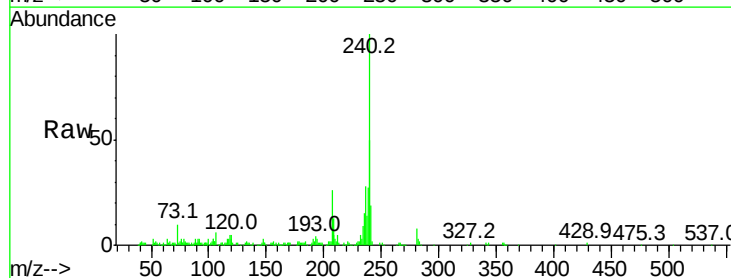
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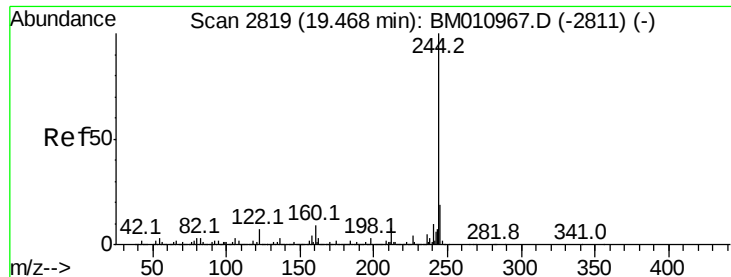
Tot Ion:188 Resp: 646276
Ion Ratio Lower Upper
188 100
94 7.3 8.7 13.1#
80 10.3 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. -0.08 min
Lab File: BM011191.D
Acq: 10 Aug 2017 01:11

Tgt Ion:240 Resp: 248673
Ion Ratio Lower Upper
240 100
120 4.9 8.2 12.2#
236 27.6 20.0 30.0

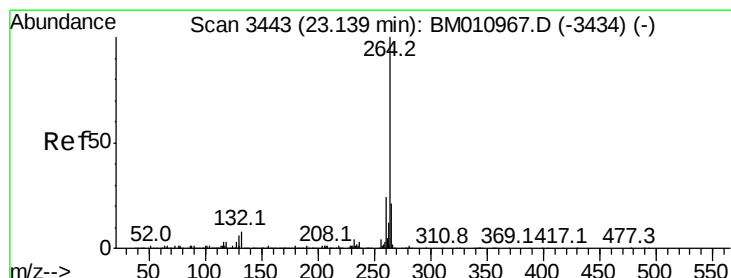
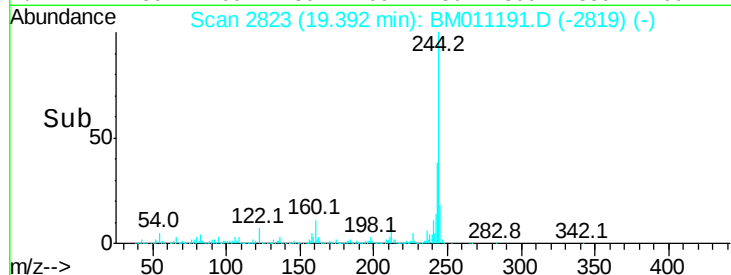
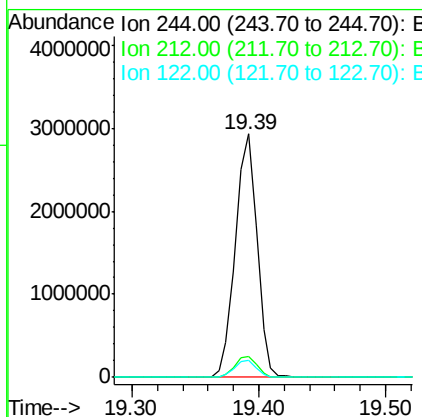
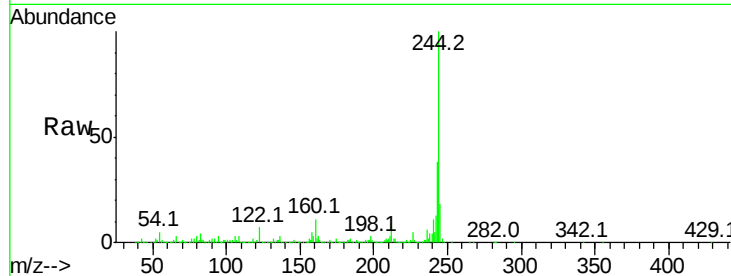




#78
 Terphenyl-d14
 Concen: 275.666 ng
 RT: 19.39 min Scan# 2823
 Delta R.T. -0.08 min
 Lab File: BM011191.D
 Acq: 10 Aug 2017 01:11

Instrument :
 BNA_M
 ClientSampleId :
 CL-01-080717-C

Tot Ion:244 Resp: 3460636
 Ion Ratio Lower Upper
 244 100
 212 8.8 4.9 7.3#
 122 6.9 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.03 min Scan# 3441
 Delta R.T. -0.11 min
 Lab File: BM011191.D
 Acq: 10 Aug 2017 01:11

Tgt Ion:264 Resp: 9135
 Ion Ratio Lower Upper
 264 100
 260 122.7 18.6 27.8#
 265 89.5 17.3 25.9#

