

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080917\
 Data File : BM011181.D
 Acq On : 09 Aug 2017 19:09
 Operator : SJ/JU
 Sample : I4652-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 L-1338-A-COMP

Quant Time: Aug 10 02:06:22 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	161214	20.00	ng	-0.09
21) Naphthalene-d8	10.05	136	547142	20.00	ng	-0.10
38) Acenaphthene-d10	13.96	164	339856	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	823734	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	1066287	20.00	ng	-0.08
86) Perylene-d12	23.03	264	1051367	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	1406940	147.53	ng	-0.09
7) Phenol-d6	6.50	99	1770905	130.69	ng	-0.09
23) Nitrobenzene-d5	8.45	82	1767140	121.22	ng	-0.09
41) 2,4,6-Tribromophenol	15.47	330	813098	149.27	ng	-0.09
44) 2-Fluorobiphenyl	12.57	172	2862645	105.64	ng	-0.09
78) Terphenyl-d14	19.39	244	4926180	91.52	ng	-0.08

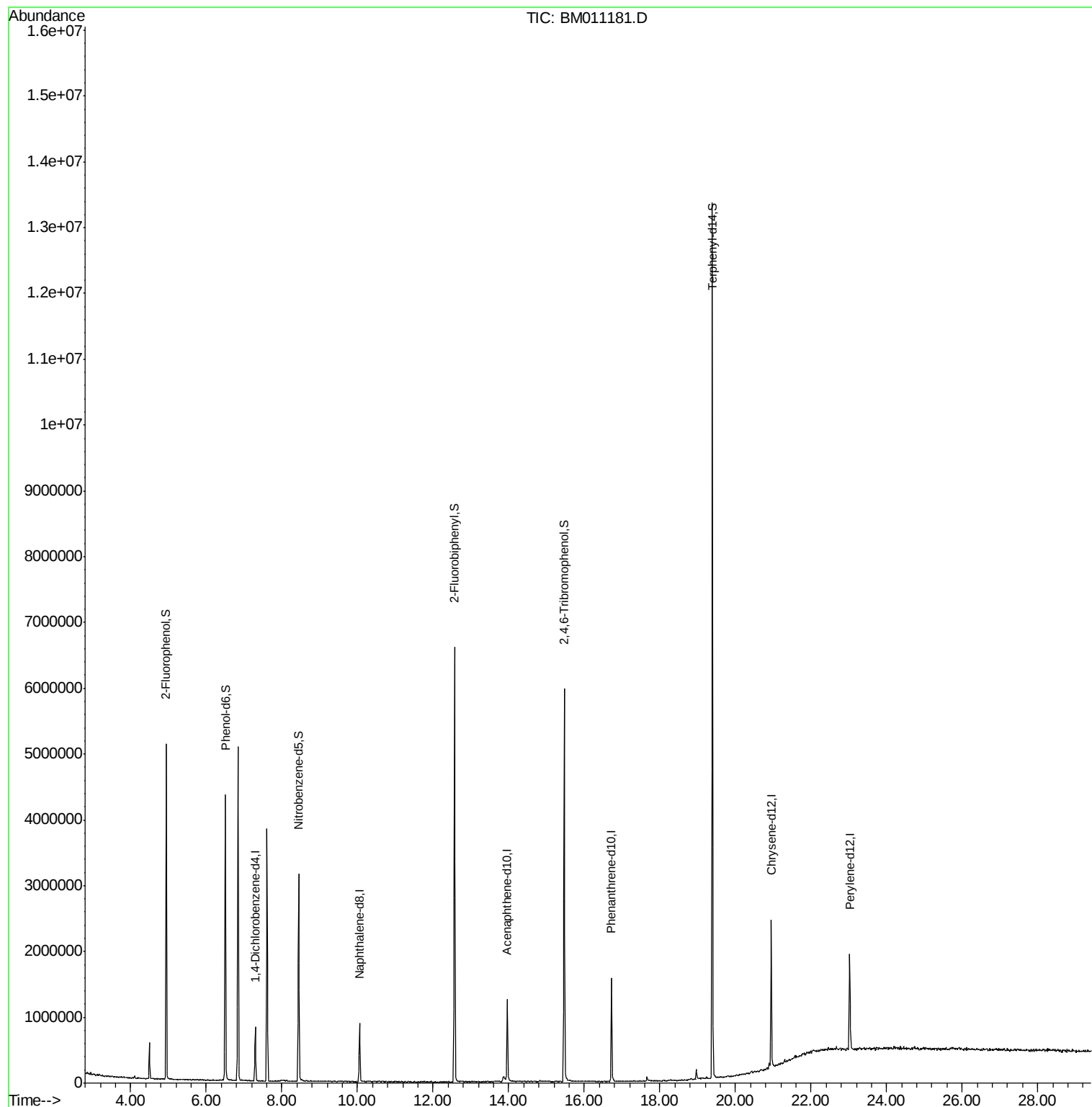
Target Compounds Qvalue

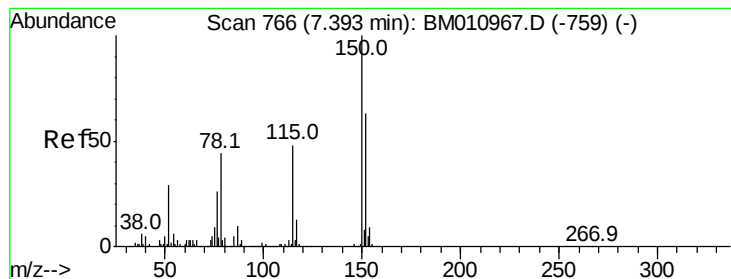
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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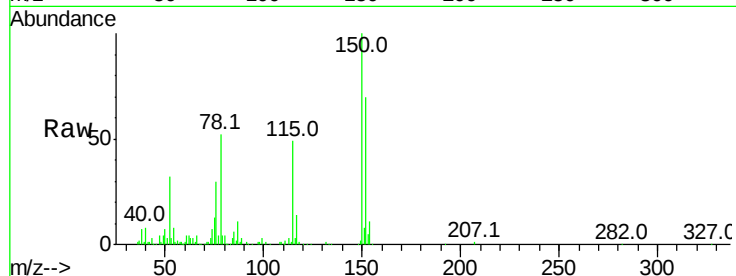


#1

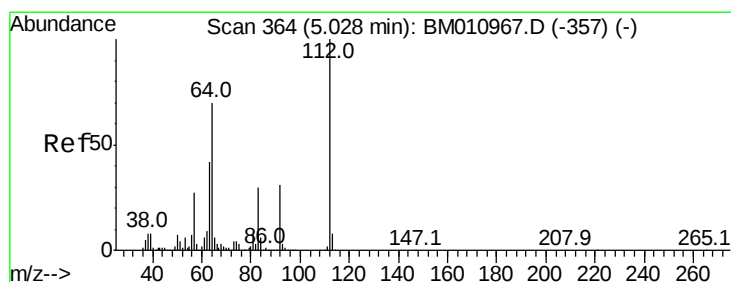
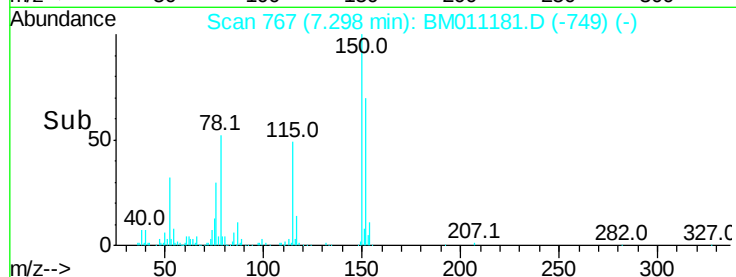
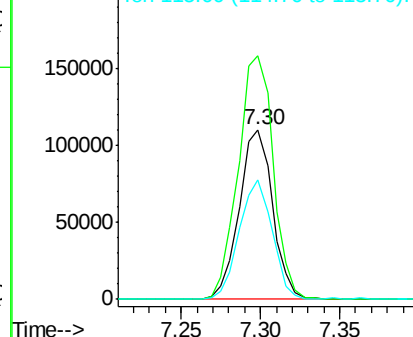
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.30 min Scan# 767
 Delta R.T. -0.09 min
 Lab File: BM011181.D
 Acq: 09 Aug 2017 19:09

Instrument :
 BNA_M
 ClientSampleId :
 L-1338-A-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.4	119.5	179.3
115	70.5	43.0	64.4#



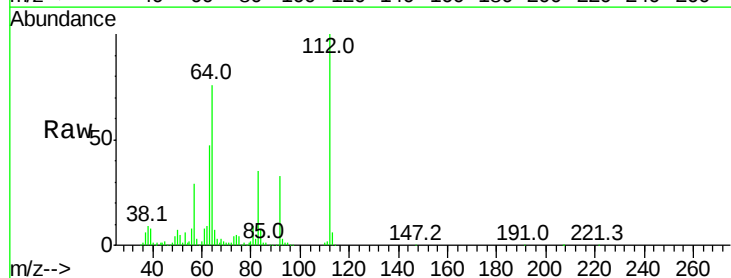
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



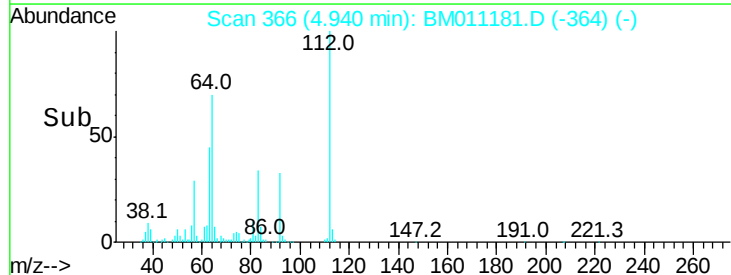
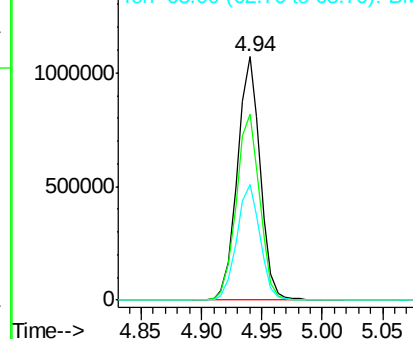
#5

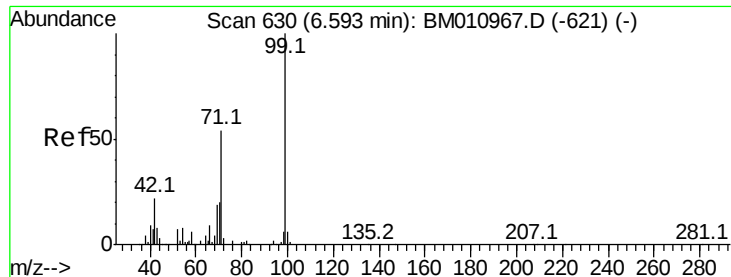
2-Fluorophenol
 Concen: 147.527 ng
 RT: 4.94 min Scan# 366
 Delta R.T. -0.09 min
 Lab File: BM011181.D
 Acq: 09 Aug 2017 19:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.2	38.6	57.8#
63	47.5	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: 130.694 ng

RT: 6.50 min Scan# 632

Delta R.T. -0.09 min

Lab File: BM011181.D

Acq: 09 Aug 2017 19:09

Instrument :

BNA_M

ClientSampleId :

L-1338-A-COMP

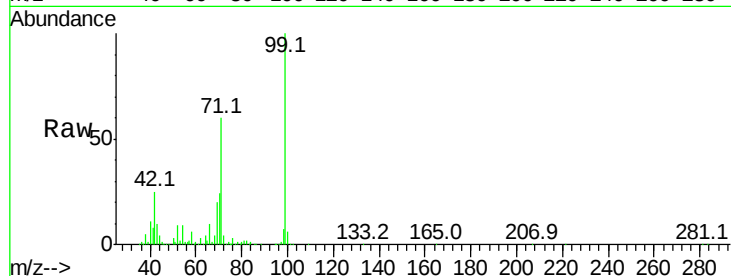
Tot Ion: 99 Resp: 1770905

Ion Ratio Lower Upper

99 100

42 24.6 11.0 16.4#

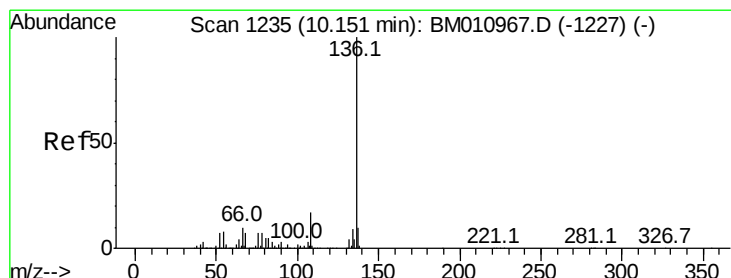
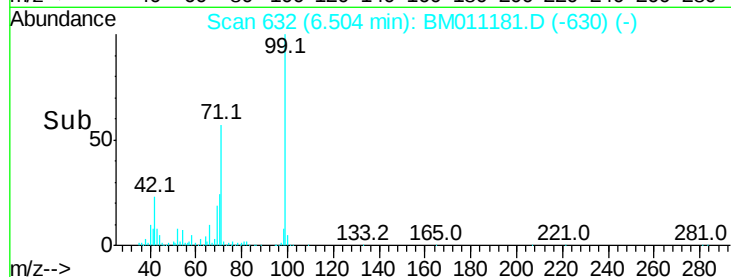
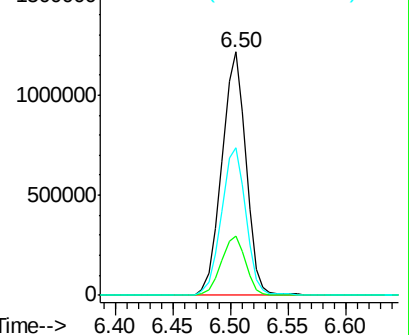
71 60.4 23.4 35.2#



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1235

Delta R.T. -0.10 min

Lab File: BM011181.D

Acq: 09 Aug 2017 19:09

Tgt Ion: 136 Resp: 547142

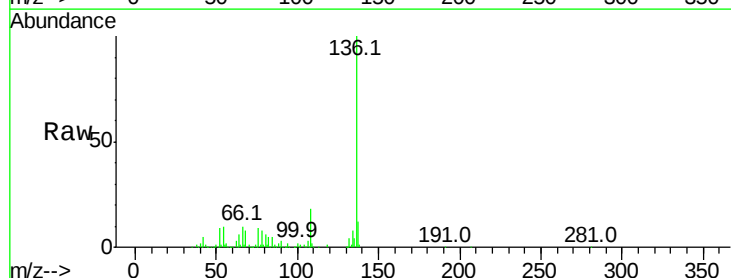
Ion Ratio Lower Upper

136 100

137 11.7 8.7 13.1

54 9.8 4.6 6.8#

68 7.8 3.7 5.5#

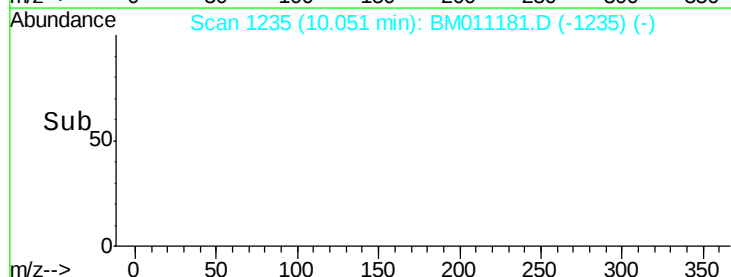
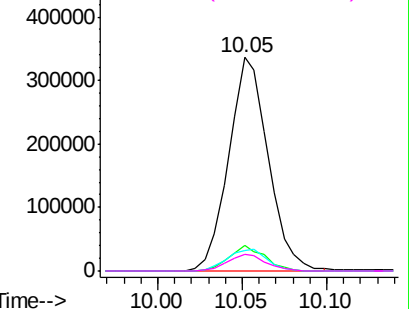


Abundance Ion 136.00 (135.70 to 136.70): BM010967.D (-1227) (-)

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) (-)

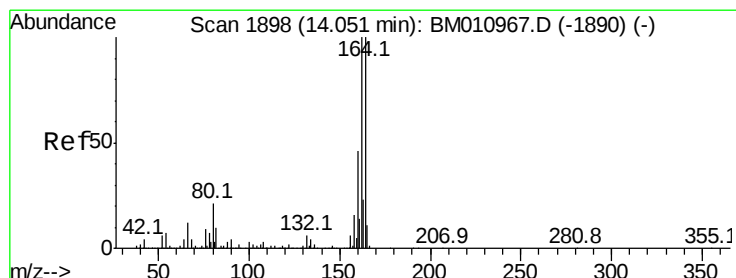
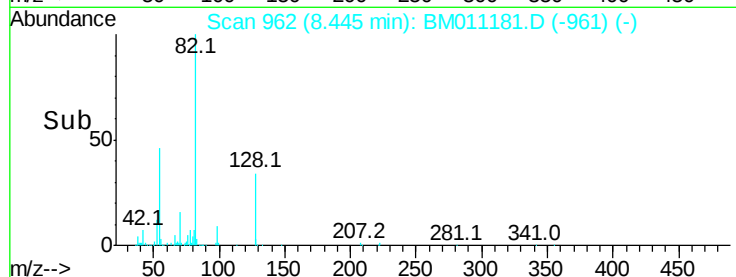
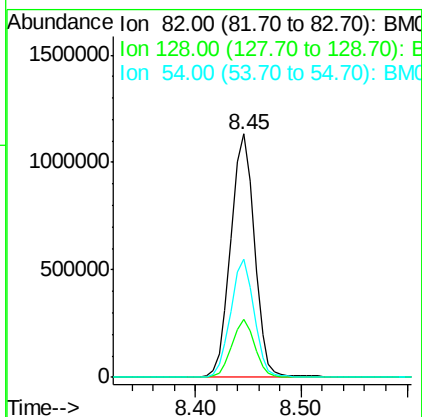
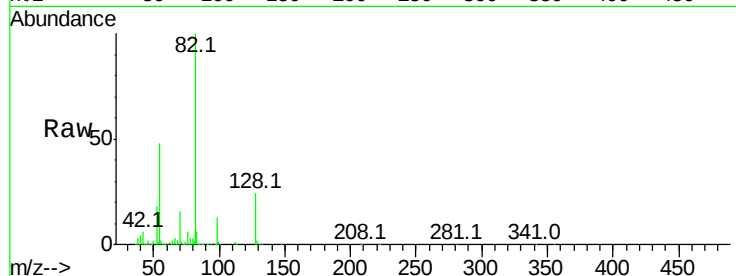




#23
 Nitrobenzene-d5
 Concen: 121.218 ng
 RT: 8.45 min Scan# 962
 Delta R.T. -0.09 min
 Lab File: BM011181.D
 Acq: 09 Aug 2017 19:09

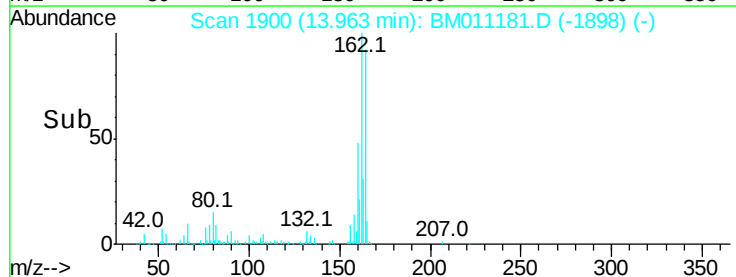
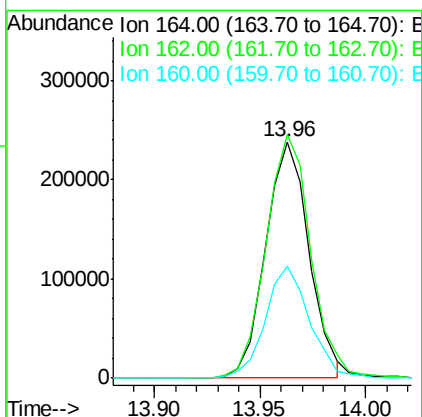
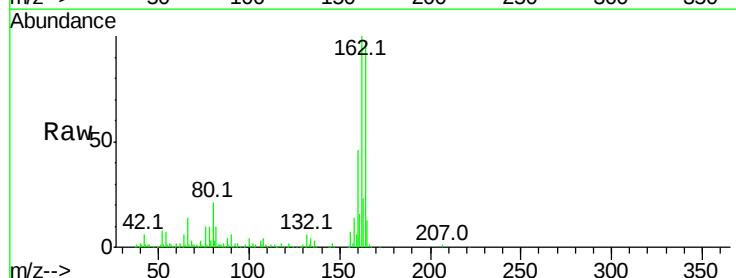
Instrument :
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 L-1338-A-COMP

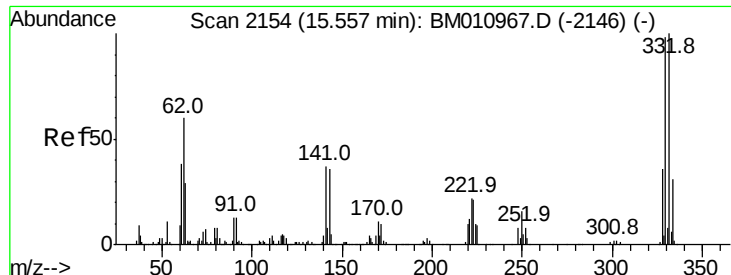
Tot Ion: 82 Resp: 1767140
 Ion Ratio Lower Upper
 82 100
 128 23.7 32.8 49.2#
 54 48.3 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.96 min Scan# 1900
 Delta R.T. -0.09 min
 Lab File: BM011181.D
 Acq: 09 Aug 2017 19:09

Tgt Ion:164 Resp: 339856
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.4 123.6
 160 47.5 35.8 53.6

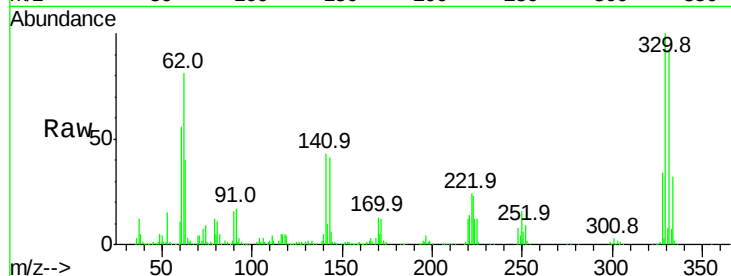




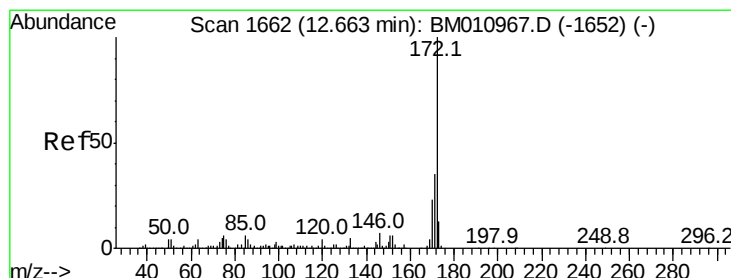
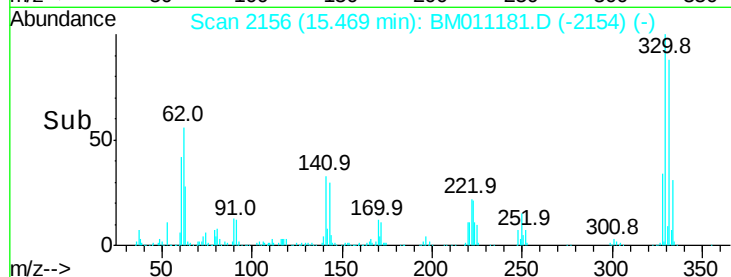
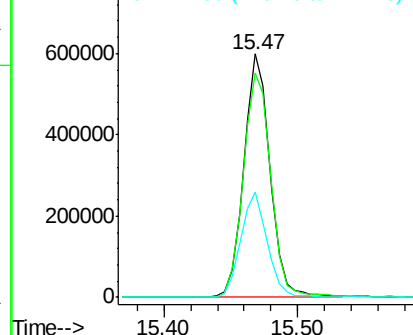
#41
 2,4,6-Tribromophenol
 Concen: 149.270 ng
 RT: 15.47 min Scan# 2156
 Delta R.T. -0.09 min
 Lab File: BM011181.D
 Acq: 09 Aug 2017 19:09

Instrument :
 BNA_M
 ClientSampleId :
 L-1338-A-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	43.9	0.0	0.0#

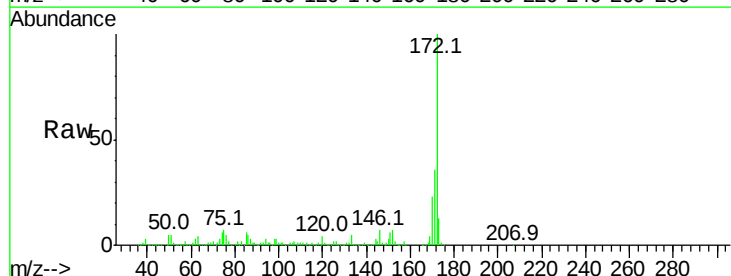


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

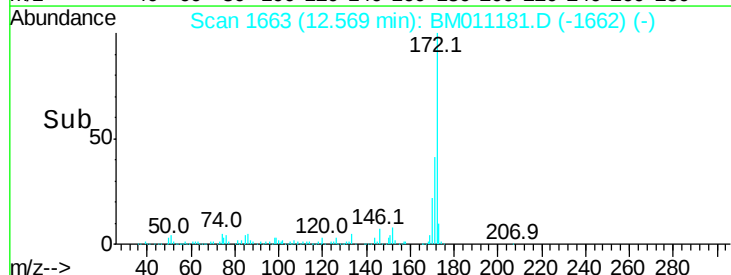
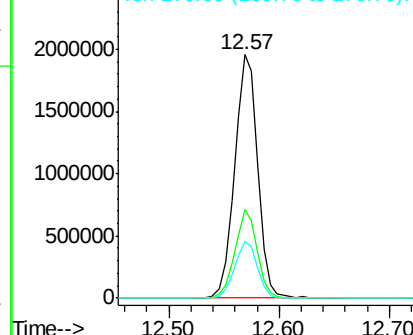


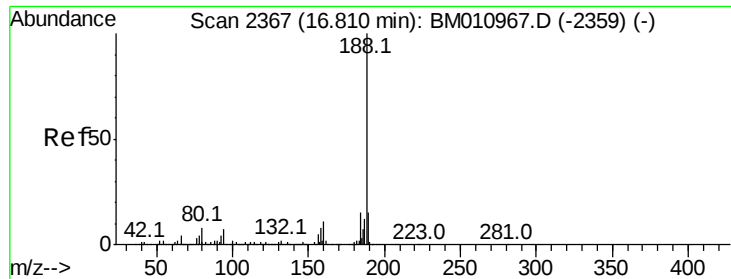
#44
 2-Fluorobiphenyl
 Concen: 105.637 ng
 RT: 12.57 min Scan# 1663
 Delta R.T. -0.09 min
 Lab File: BM011181.D
 Acq: 09 Aug 2017 19:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.5	42.7
170	23.2	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

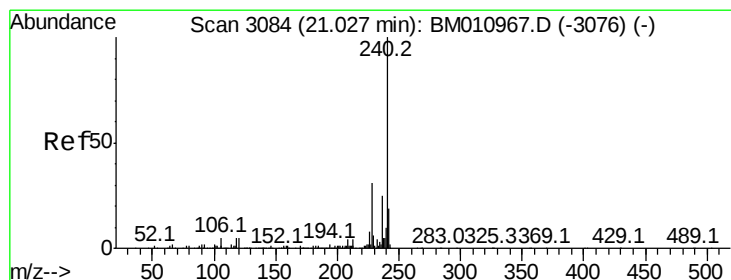
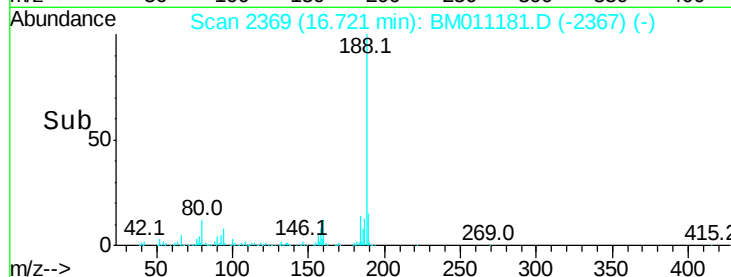
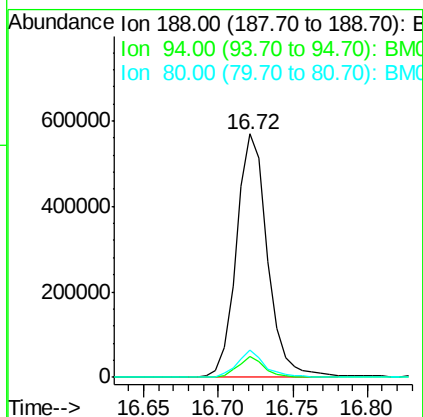
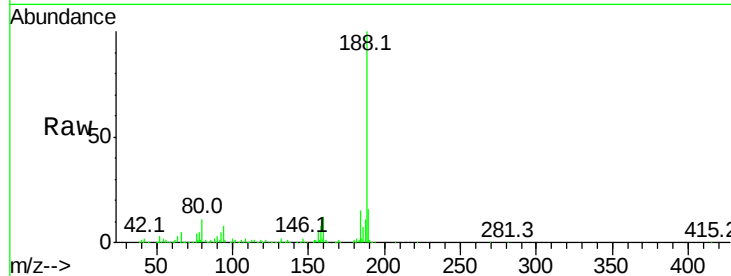




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2369
Delta R.T. -0.09 min
Lab File: BM011181.D
Acq: 09 Aug 2017 19:09

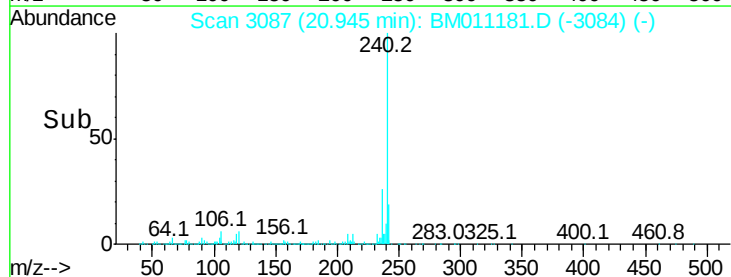
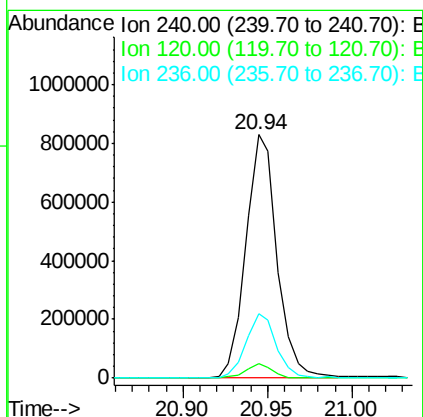
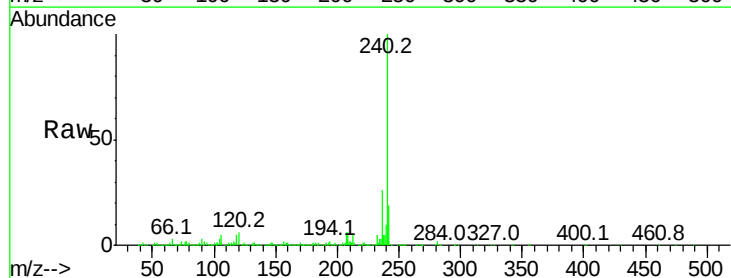
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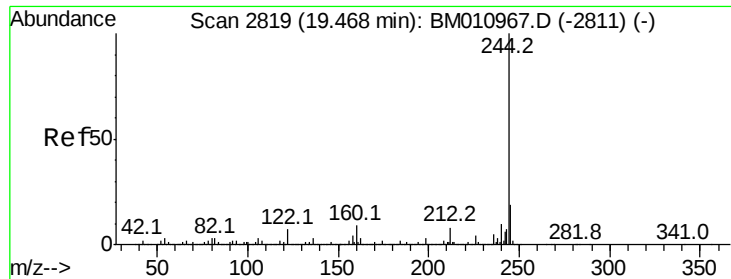
Tot Ion:188 Resp: 823734
Ion Ratio Lower Upper
188 100
94 8.5 8.7 13.1#
80 11.0 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. -0.08 min
Lab File: BM011181.D
Acq: 09 Aug 2017 19:09

Tgt Ion:240 Resp: 1066287
Ion Ratio Lower Upper
240 100
120 6.1 8.2 12.2#
236 26.3 20.0 30.0

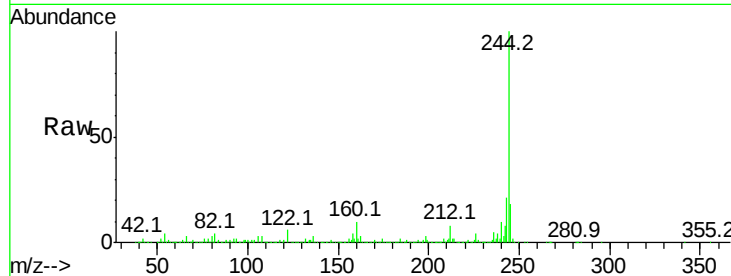




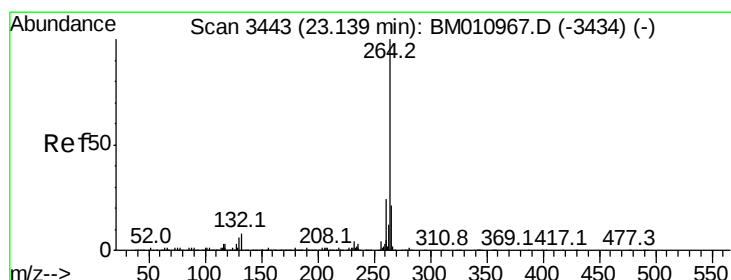
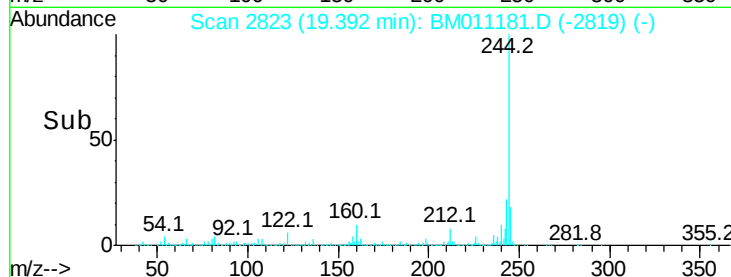
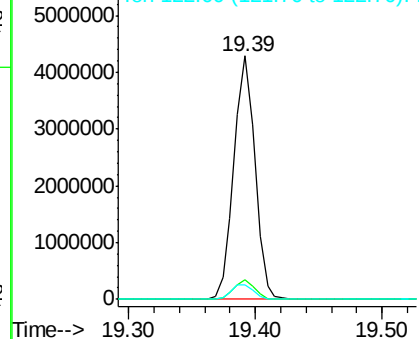
#78
 Terphenyl-d14
 Concen: 91.515 ng
 RT: 19.39 min Scan# 2823
 Delta R.T. -0.08 min
 Lab File: BM011181.D
 Acq: 09 Aug 2017 19:09

Instrument :
 BNA_M
 ClientSampleId :
 L-1338-A-COMP

Tot Ion:244 Resp: 4926180
 Ion Ratio Lower Upper
 244 100
 212 8.1 4.9 7.3#
 122 6.0 6.2 9.4#

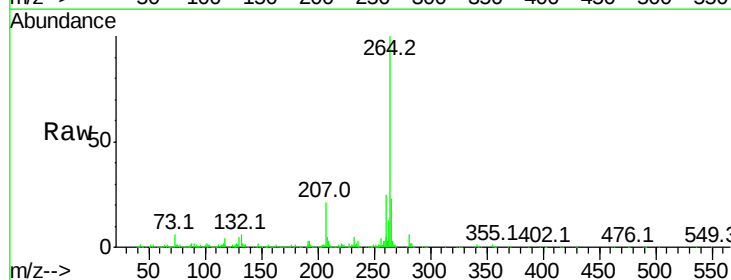


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.03 min Scan# 3441
 Delta R.T. -0.11 min
 Lab File: BM011181.D
 Acq: 09 Aug 2017 19:09

Tgt Ion:264 Resp: 1051367
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.6 27.8
 265 23.0 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

