

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081117\
 Data File : BM011209.D
 Acq On : 11 Aug 2017 19:54
 Operator : SJ/JU
 Sample : PB101388BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101388BL

Quant Time: Aug 11 23:19:17 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	7.29	152	144974	20.00	ng	-0.10
21) Naphthalene-d8	10.05	136	492559	20.00	ng	-0.10
38) Acenaphthene-d10	13.96	164	331266	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	745977	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	826343	20.00	ng	-0.08
86) Perylene-d12	23.02	264	830342	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	487674	56.86	ng	-0.09
7) Phenol-d6	6.49	99	633436	51.98	ng	-0.10
23) Nitrobenzene-d5	8.44	82	858203	65.39	ng	-0.10
41) 2,4,6-Tribromophenol	15.47	330	227178	42.79	ng	-0.09
44) 2-Fluorobiphenyl	12.56	172	1472127	55.73	ng	-0.10
78) Terphenyl-d14	19.39	244	2021842	48.47	ng	-0.08

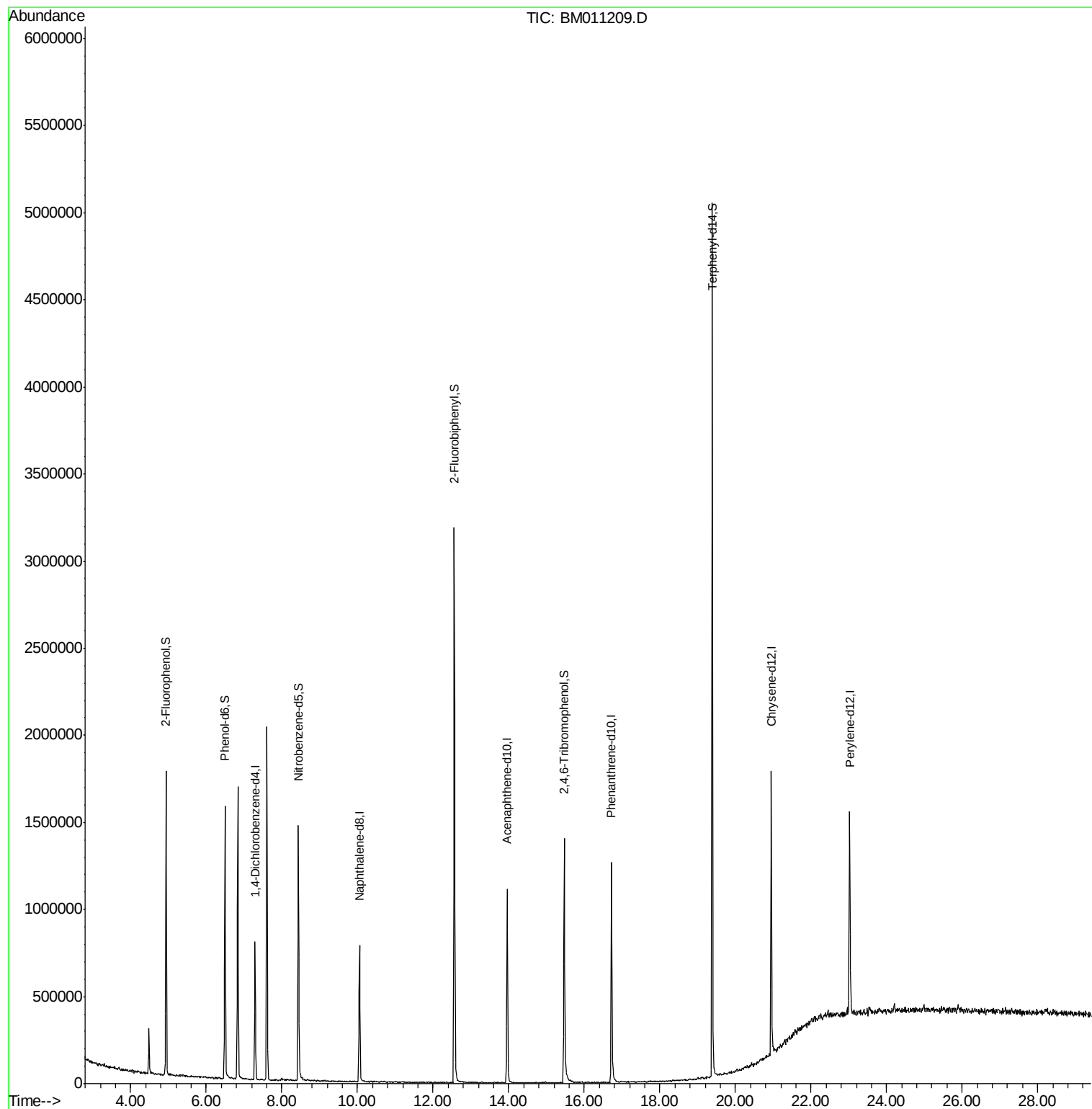
Target Compounds Qvalue

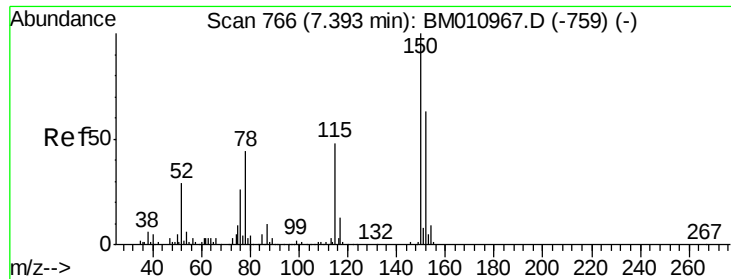
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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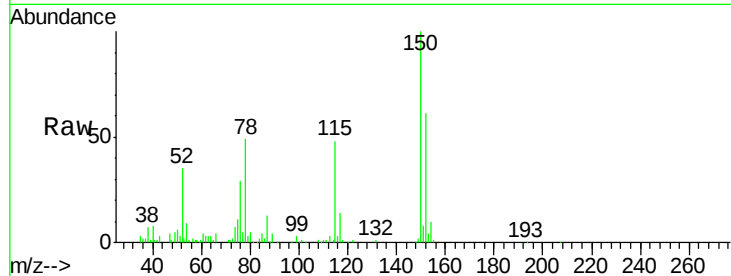


#1

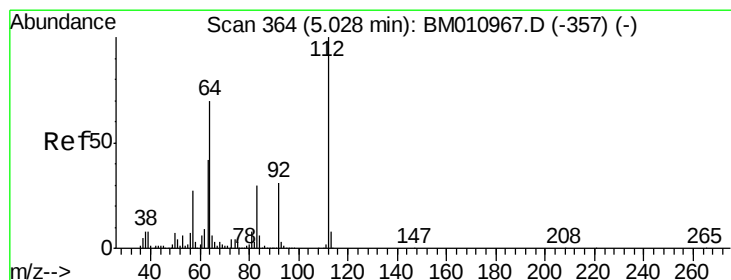
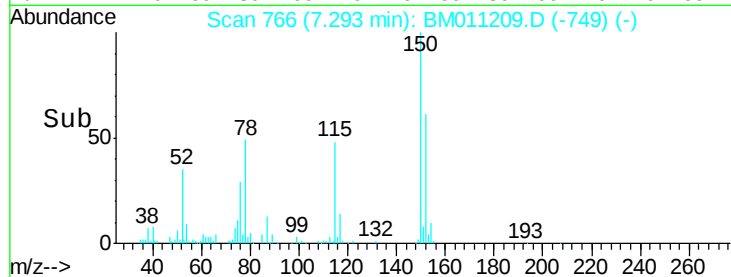
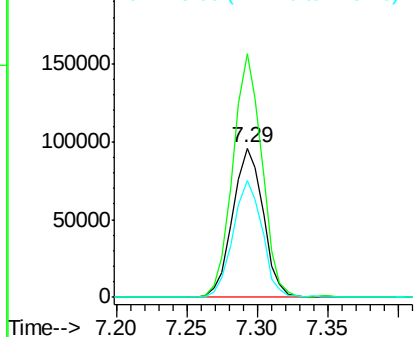
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 766
Delta R.T. -0.10 min
Lab File: BM011209.D
Acq: 11 Aug 2017 19:54

Instrument :
BNA_M
ClientSampleId :
PB101388BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.2	119.5	179.3
115	78.2	43.0	64.4



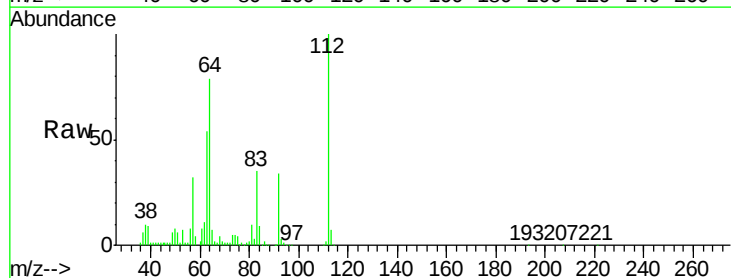
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



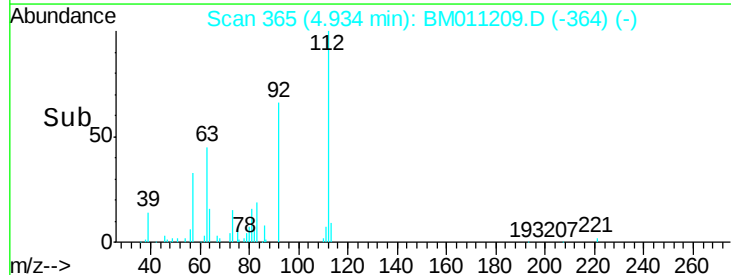
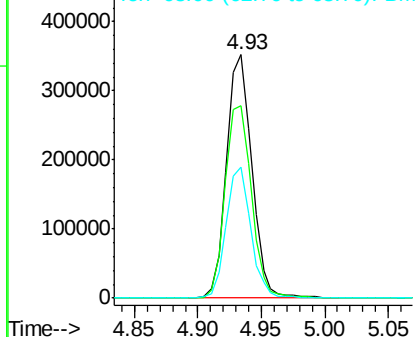
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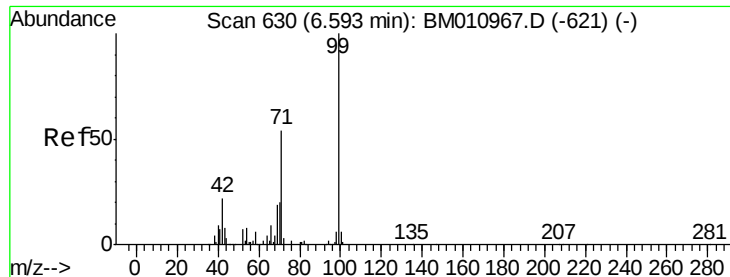
2-Fluorophenol
Concen: 56.86 ng
RT: 4.93 min Scan# 365
Delta R.T. -0.09 min
Lab File: BM011209.D
Acq: 11 Aug 2017 19:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	78.9	38.6	57.8
63	53.7	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: 51.98 ng

RT: 6.49 min Scan# 630

Delta R.T. -0.10 min

Lab File: BM011209.D

Acq: 11 Aug 2017 19:54

Instrument :

BNA_M

ClientSampleId :

PB101388BL

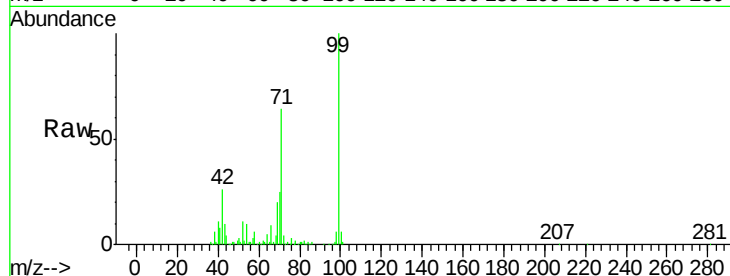
Tot Ion: 99 Resp: 633436

Ion Ratio Lower Upper

99 100

42 26.1 11.0 16.4#

71 63.7 23.4 35.2#

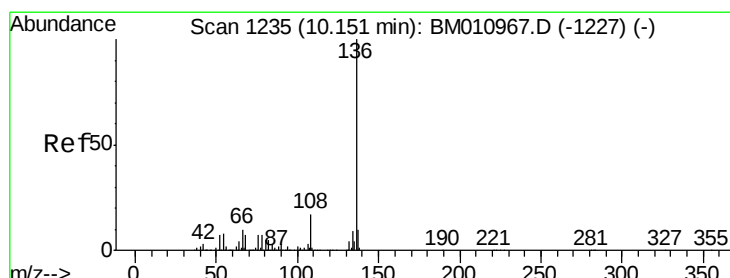
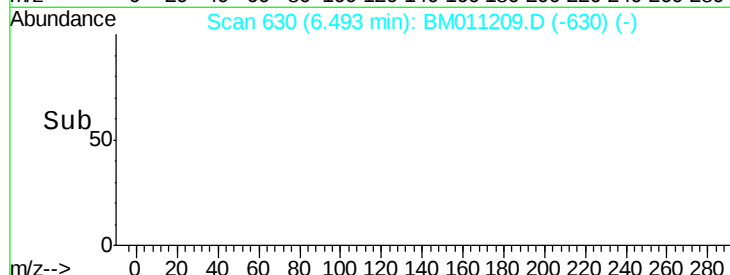
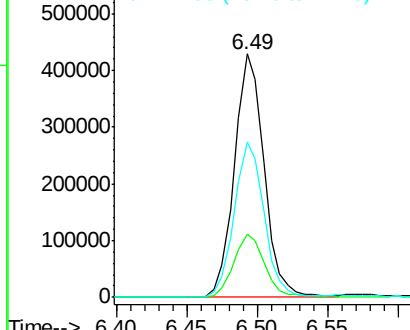


Abundance

Ion 99.00 (98.70 to 99.70): BM011209.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011209.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011209.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.05 min Scan# 1235

Delta R.T. -0.10 min

Lab File: BM011209.D

Acq: 11 Aug 2017 19:54

Tgt Ion: 136 Resp: 492559

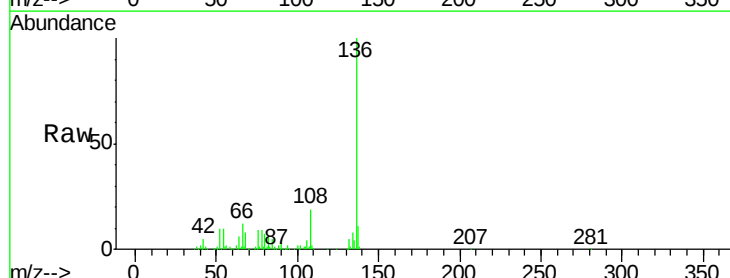
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.8 4.6 6.8#

68 7.6 3.7 5.5#



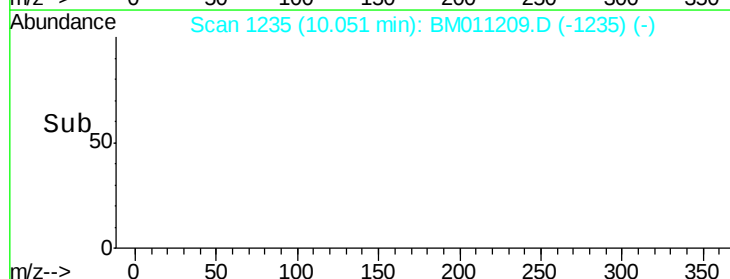
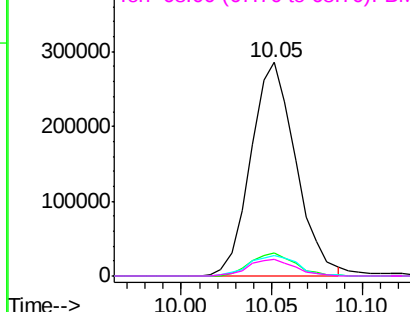
Abundance

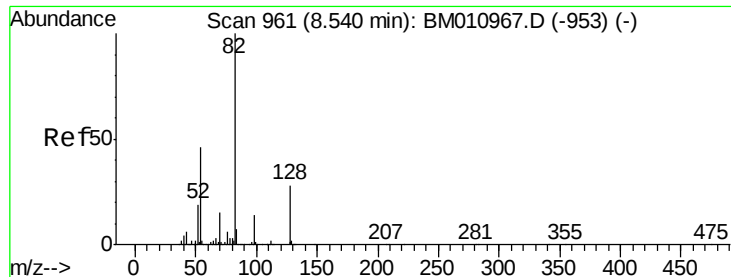
Ion 136.00 (135.70 to 136.70): BM011209.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011209.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011209.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011209.D (-1235) (-)

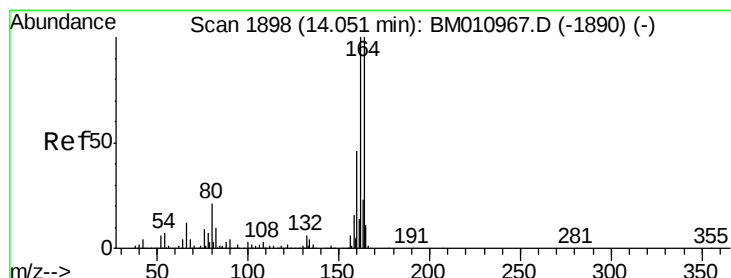
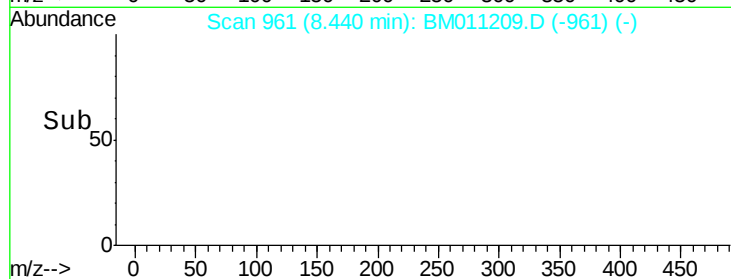
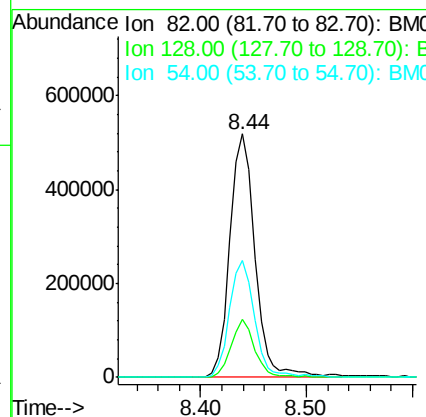
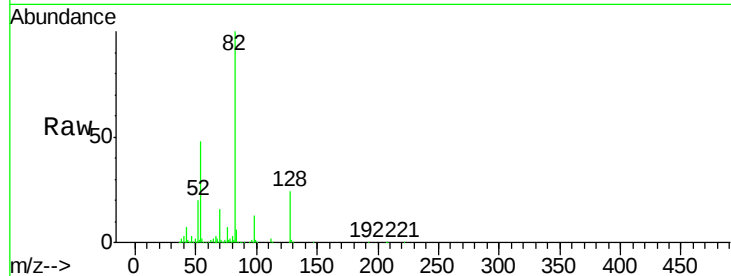




#23
 Nitrobenzene-d5
 Concen: 65.39 ng
 RT: 8.44 min Scan# 961
 Delta R.T. -0.10 min
 Lab File: BM011209.D
 Acq: 11 Aug 2017 19:54

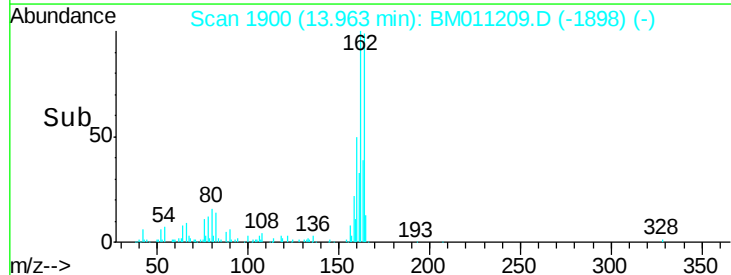
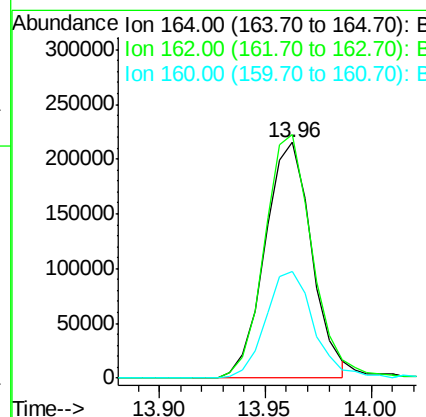
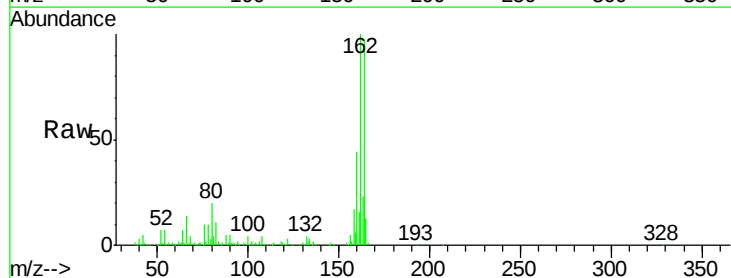
Instrument :
 BNA_M
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 PB101388BL

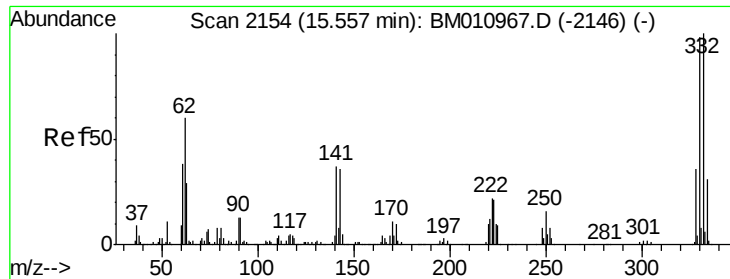
Tot Ion	82	Resp	858203
Ion Ratio	Lower	Upper	
82	100		
128	23.9	32.8	49.2#
54	47.9	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 13.96 min Scan# 1900
 Delta R.T. -0.09 min
 Lab File: BM011209.D
 Acq: 11 Aug 2017 19:54

Tgt Ion	164	Resp	331266
Ion Ratio	Lower	Upper	
164	100		
162	103.4	82.4	123.6
160	45.2	35.8	53.6

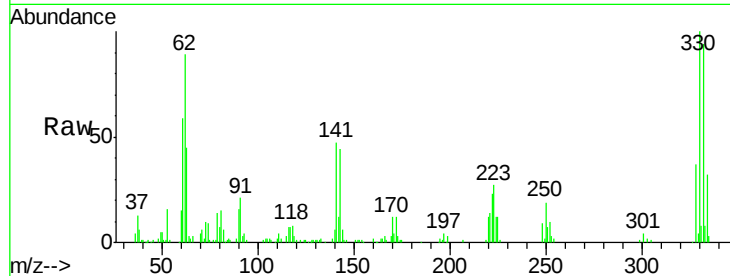




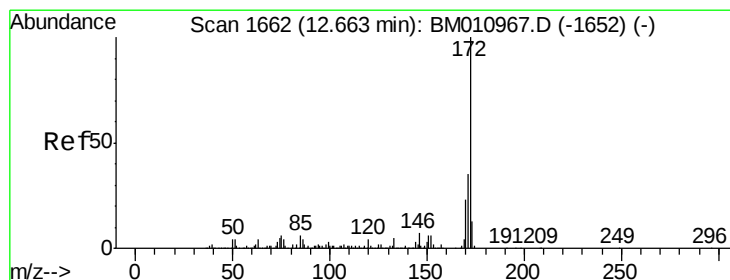
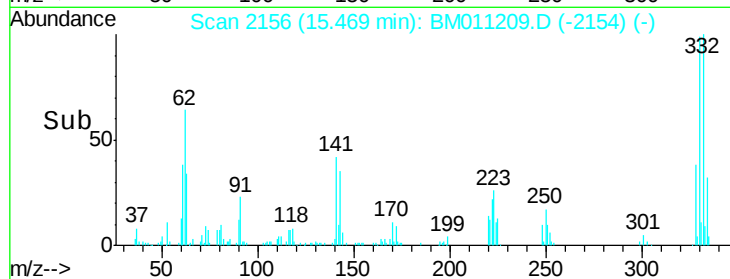
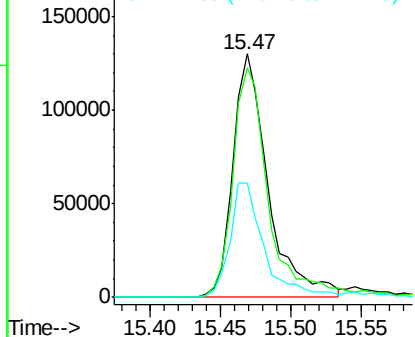
#41
 2,4,6-Tribromophenol
 Concen: 42.79 ng
 RT: 15.47 min Scan# 2156
 Delta R.T. -0.09 min
 Lab File: BM011209.D
 Acq: 11 Aug 2017 19:54

Instrument :
 BNA_M
 ClientSampleId :
 PB101388BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.3	0.0	0.0#
141	45.0	0.0	0.0#

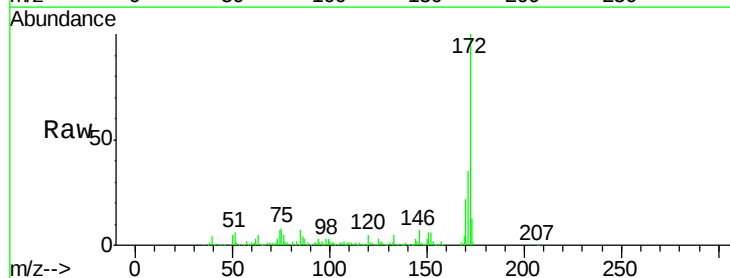


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

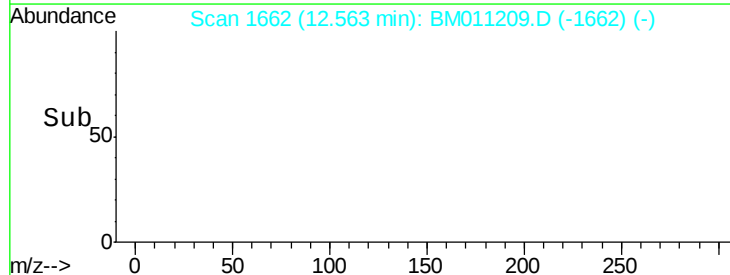
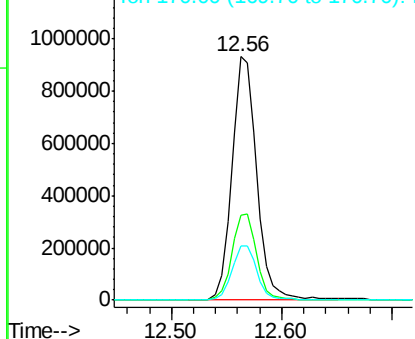


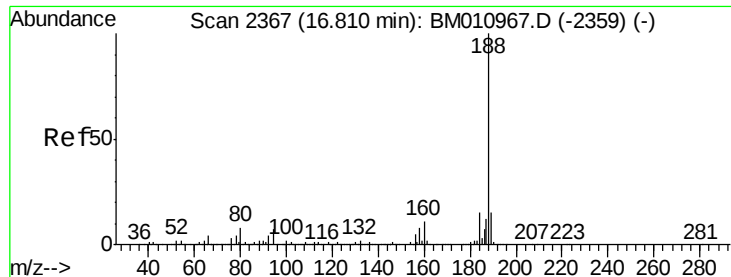
#44
 2-Fluorobiphenyl
 Concen: 55.73 ng
 RT: 12.56 min Scan# 1662
 Delta R.T. -0.10 min
 Lab File: BM011209.D
 Acq: 11 Aug 2017 19:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	22.1	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

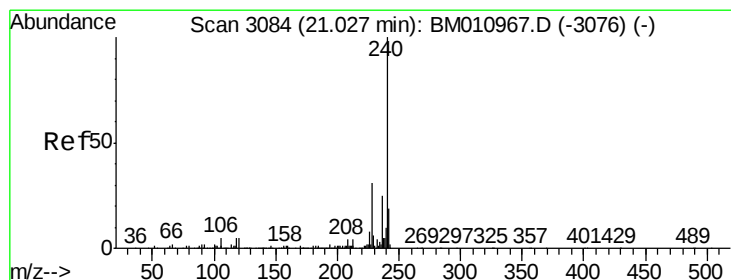
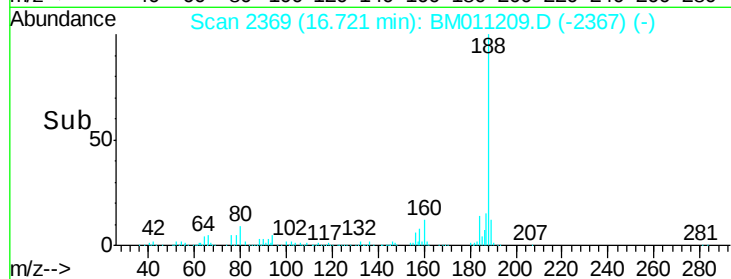
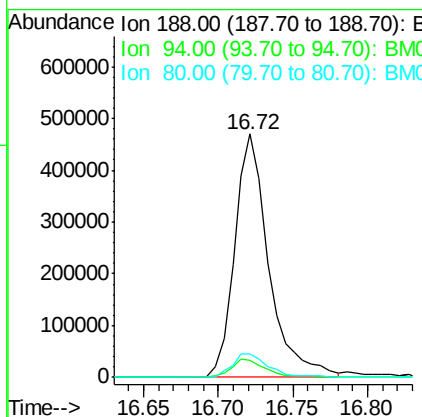
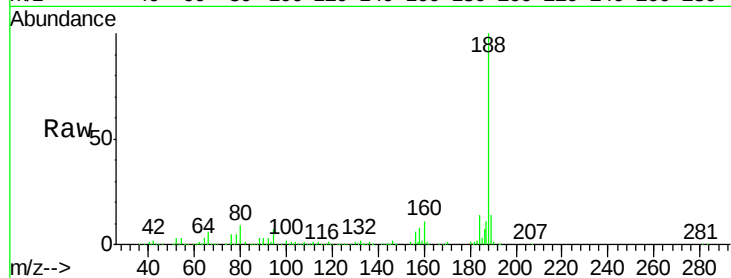




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.72 min Scan# 2369
Delta R.T. -0.09 min
Lab File: BM011209.D
Acq: 11 Aug 2017 19:54

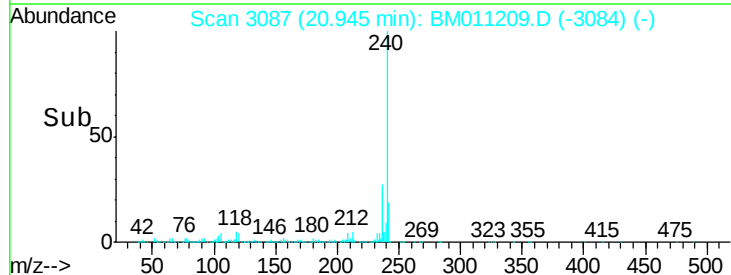
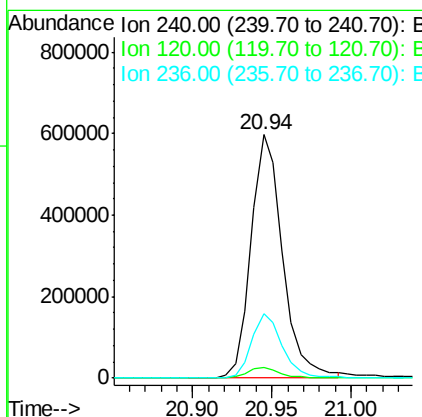
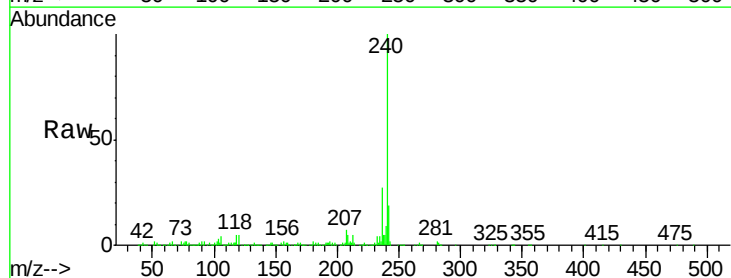
Instrument :
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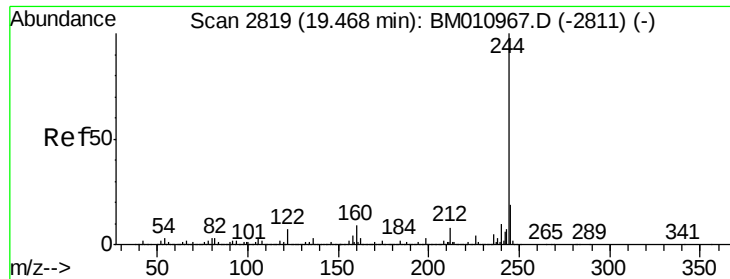
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.0	8.7	13.1#
80	9.4	9.3	13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 20.94 min Scan# 3087
Delta R.T. -0.08 min
Lab File: BM011209.D
Acq: 11 Aug 2017 19:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.5	8.2	12.2#
236	26.6	20.0	30.0





#78

Terphenyl-d14

Concen: 48.47 ng

RT: 19.39 min Scan# 2822

Delta R.T. -0.08 min

Lab File: BM011209.D

Acq: 11 Aug 2017 19:54

Instrument :

BNA_M

ClientSampleId :

PB101388BL

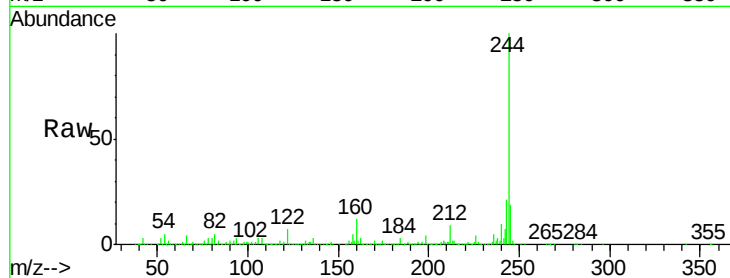
Tot Ion:244 Resp: 2021842

Ion Ratio Lower Upper

244 100

212 8.9 4.9 7.3#

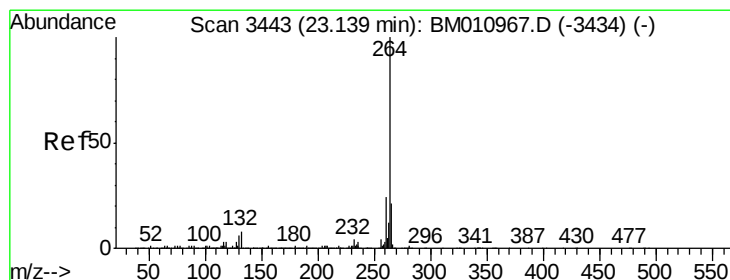
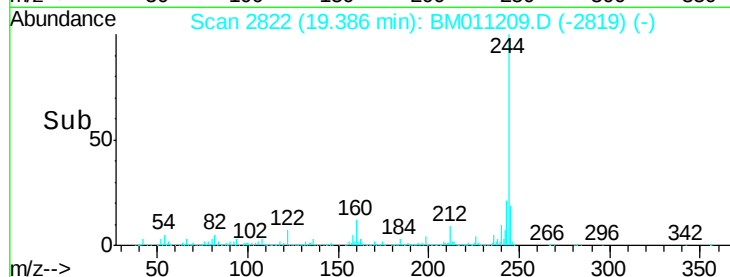
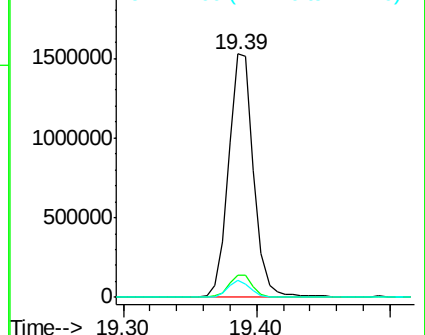
122 6.8 6.2 9.4



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: 20.00 ng

RT: 23.02 min Scan# 3440

Delta R.T. -0.12 min

Lab File: BM011209.D

Acq: 11 Aug 2017 19:54

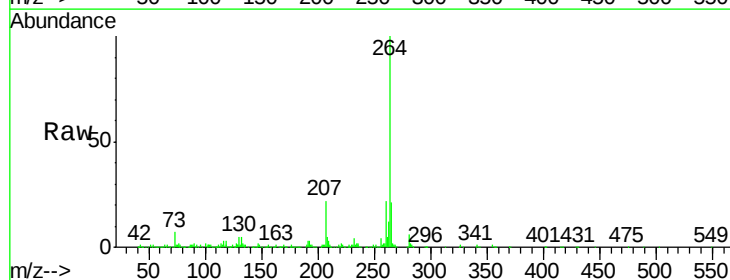
Tgt Ion:264 Resp: 830342

Ion Ratio Lower Upper

264 100

260 21.9 18.6 27.8

265 21.4 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

