

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

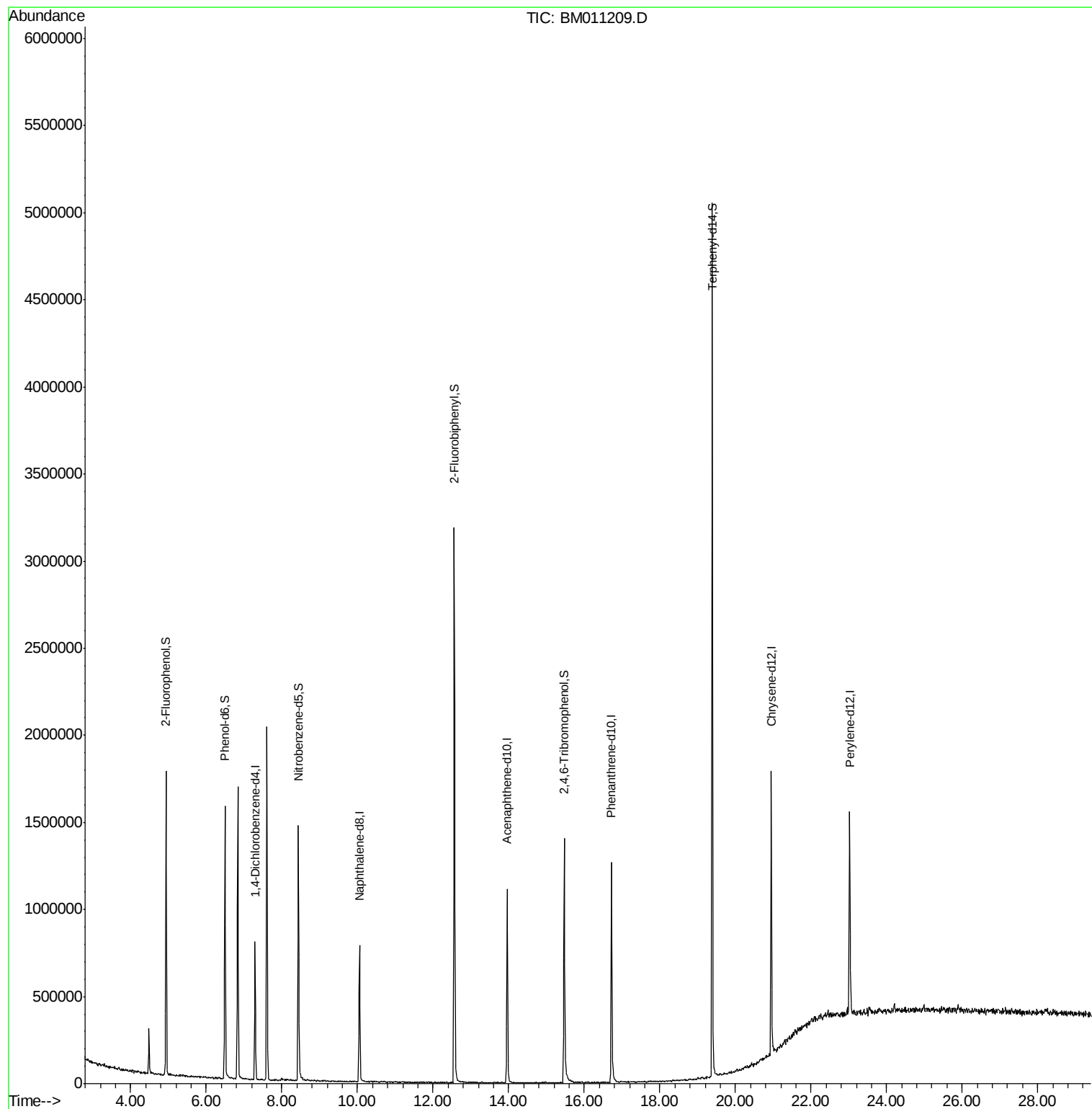
Target Compounds Qvalue

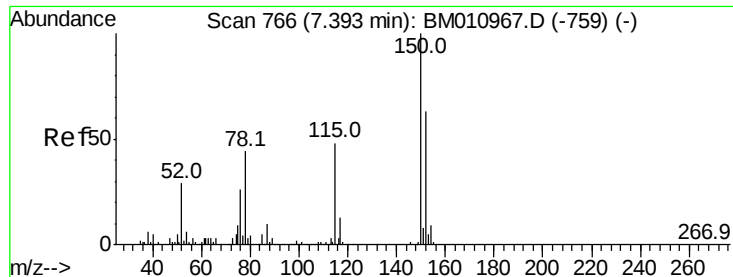
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 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

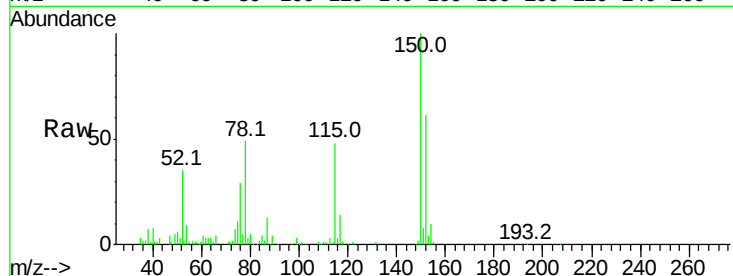
Tot Ion:152 Resp: 144974

Ion Ratio Lower Upper

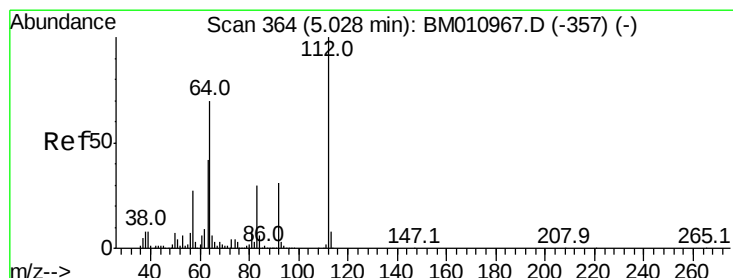
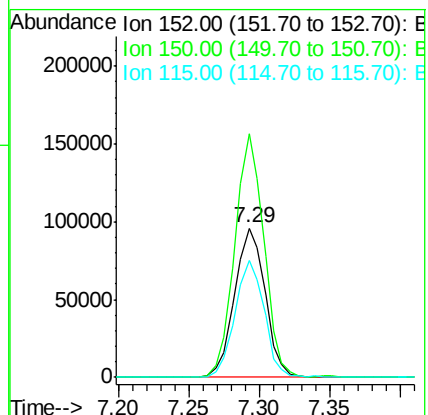
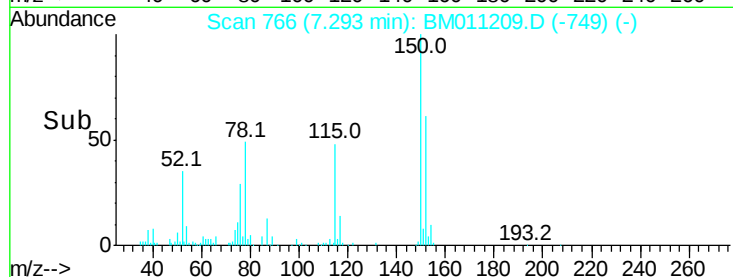
152 100

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



#5

2-Fluorophenol

Concen: 56.864 ng

RT: 4.93 min Scan# 365

Delta R.T. -0.09 min

Lab File: BM011209.D

Acq: 11 Aug 2017 19:54

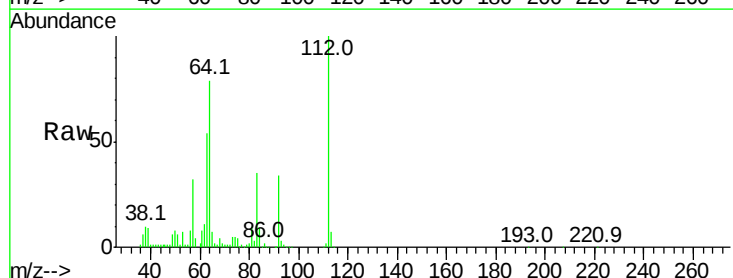
Tgt Ion:112 Resp: 487674

Ion Ratio Lower Upper

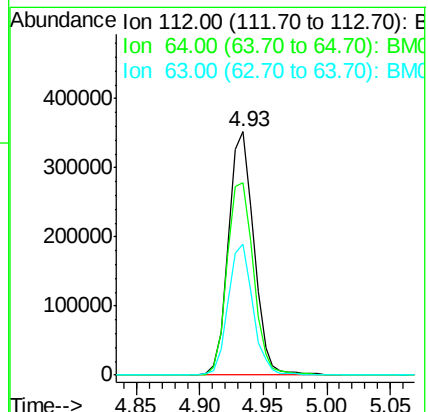
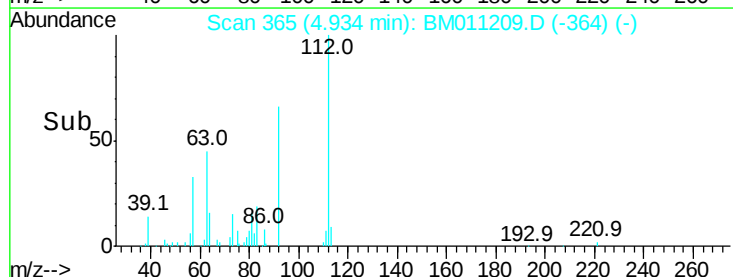
112 100

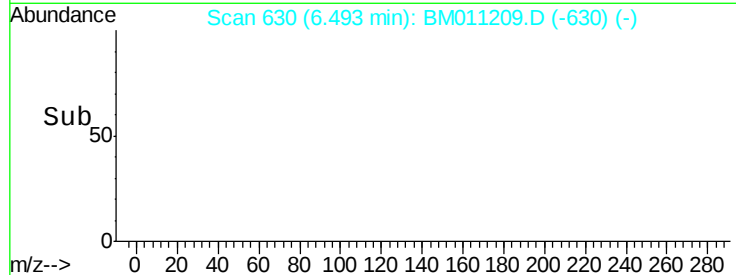
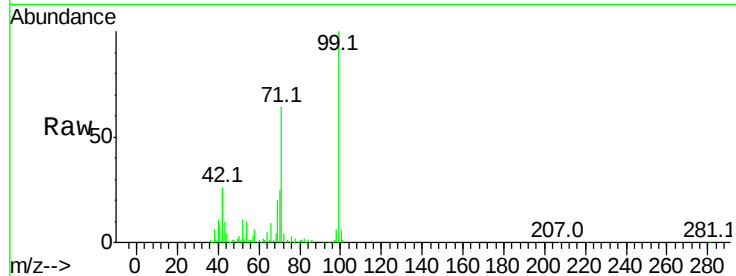
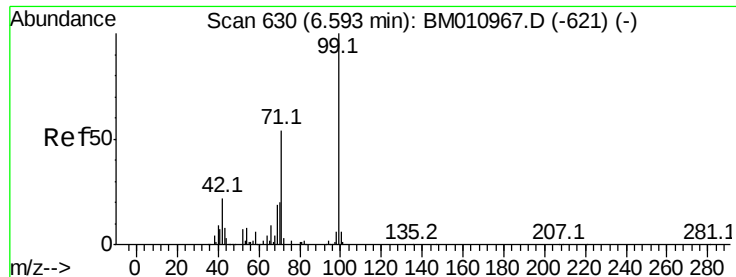
64 78.9 38.6 57.8#

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: 51.985 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

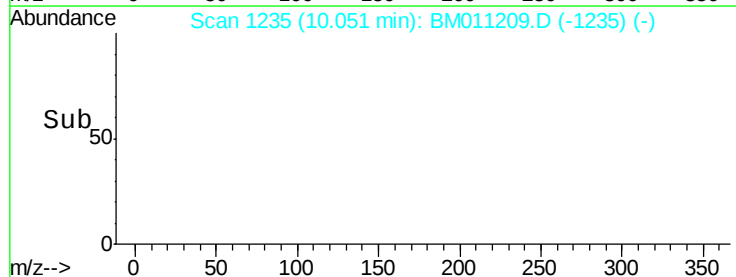
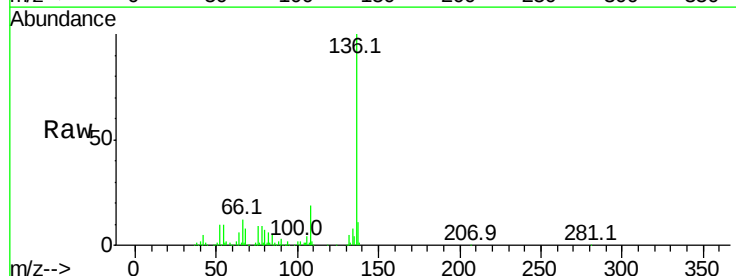
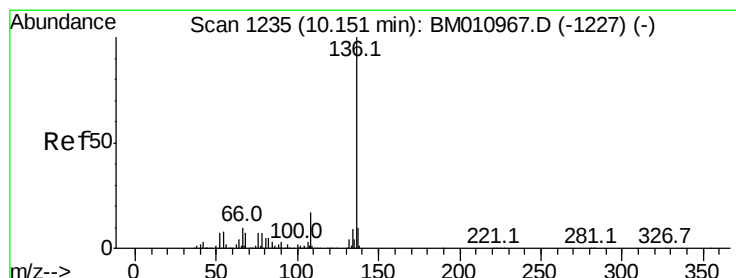
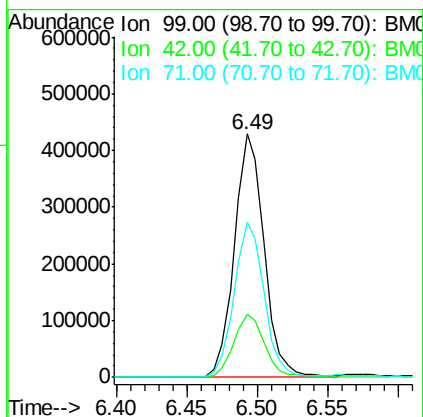
Tot Ion: 99 Resp: 633436

Ion Ratio Lower Upper

99 100

42 26.1 11.0 16.4#

71 63.7 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 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

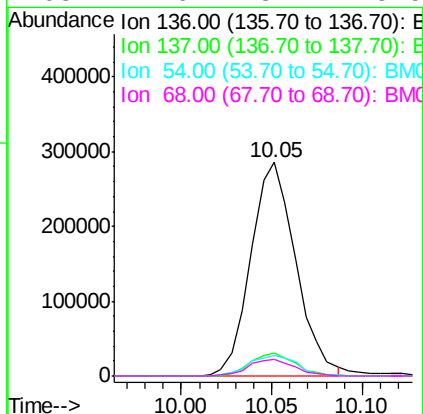
Ion Ratio Lower Upper

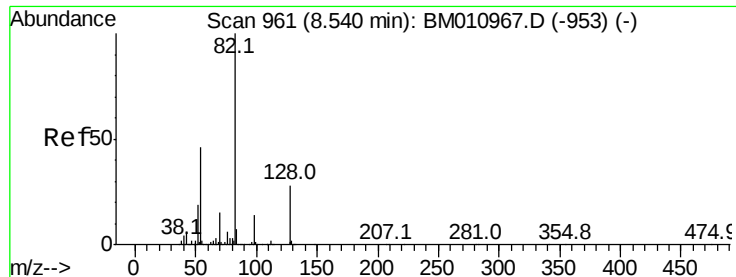
136 100

137 11.1 8.7 13.1

54 9.8 4.6 6.8#

68 7.6 3.7 5.5#

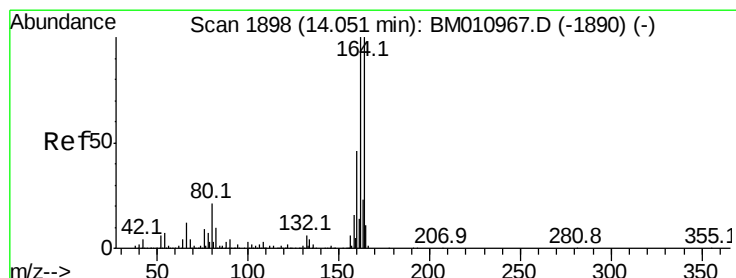
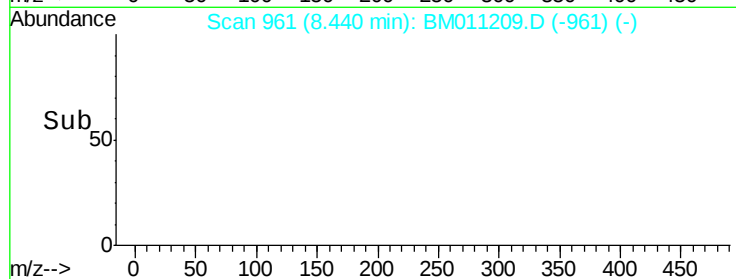
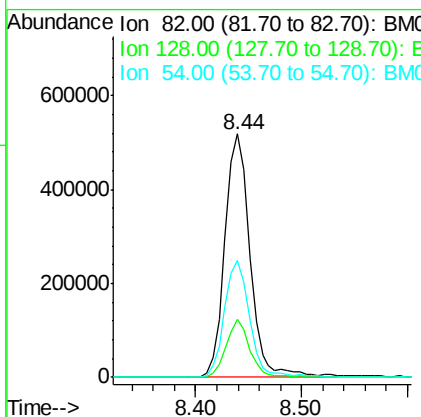
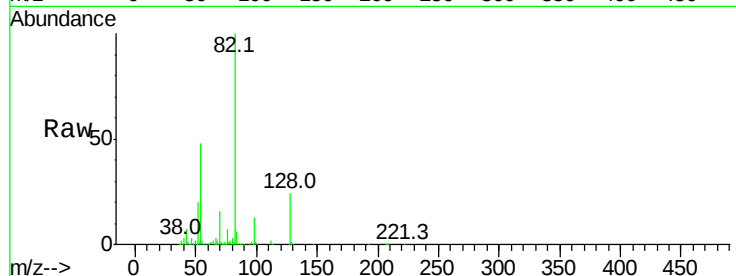




#23
 Nitrobenzene-d5
 Concen: 65.393 ng
 RT: 8.44 min Scan# 961
 Delta R.T. -0.10 min
 Lab File: BM011209.D
 Acq: 11 Aug 2017 19:54

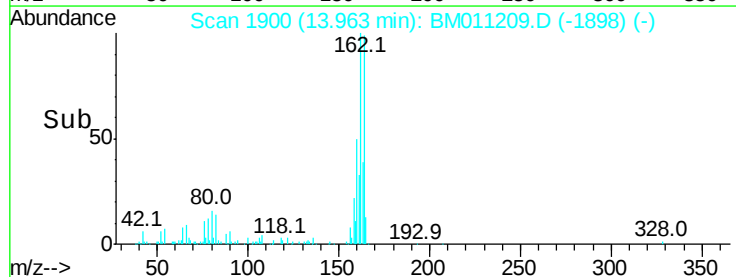
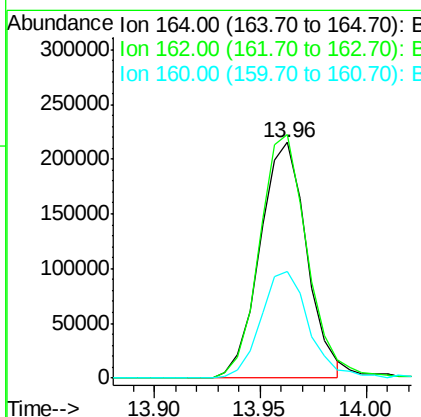
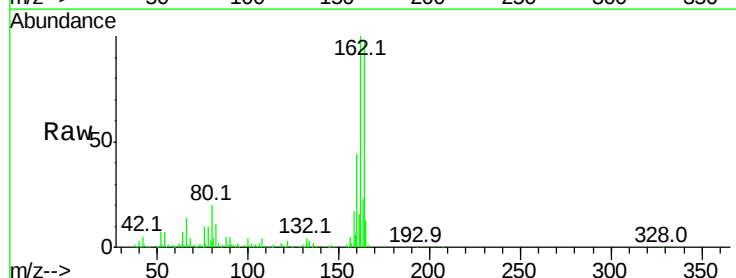
Instrument :
 BNA_M
 ClientSampleId :
 PB101388BL

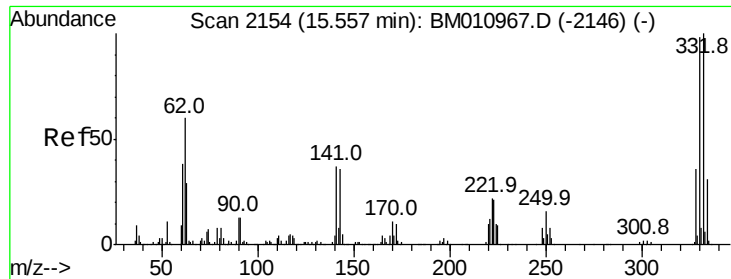
Tot Ion	82	Resp	858203
Ion Ratio	Lower	Upper	
82	100		
128	23.9	32.8	49.2#
54	47.9	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 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

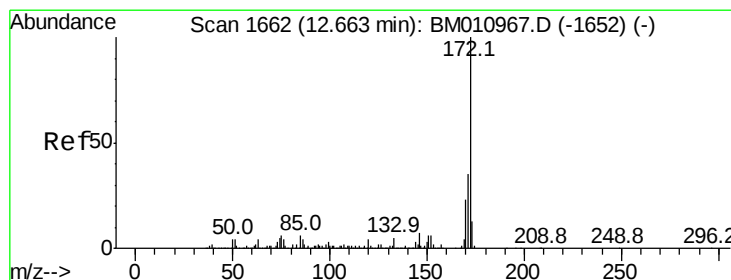
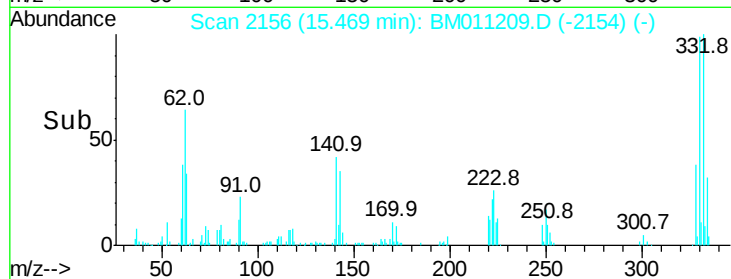
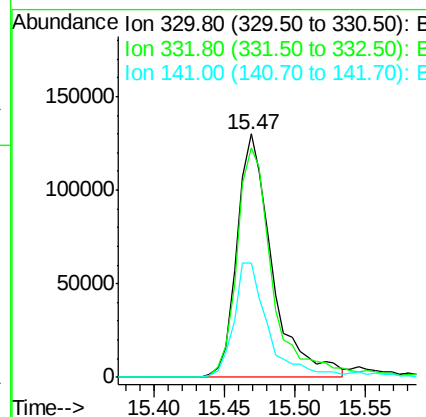
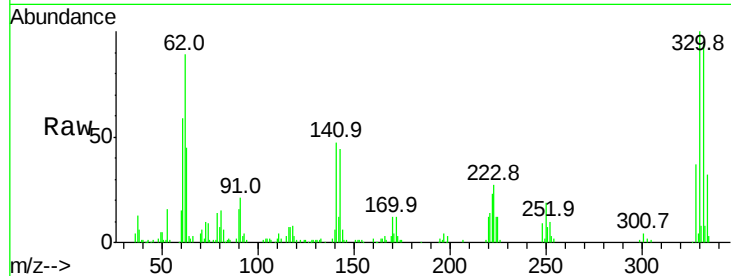




#41
 2,4,6-Tribromophenol
 Concen: 42.787 ng
 RT: 15.47 min Scan# 2156
 Delta R.T. -0.09 min
 Lab File: BM011209.D
 Acq: 11 Aug 2017 19:54

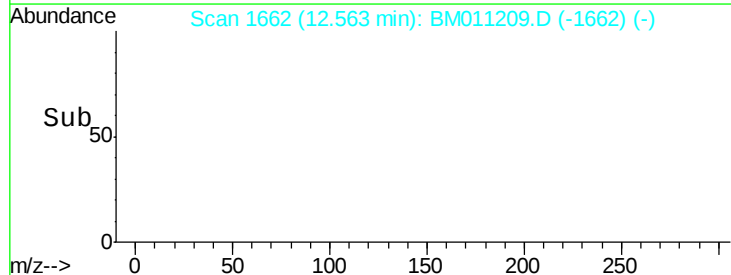
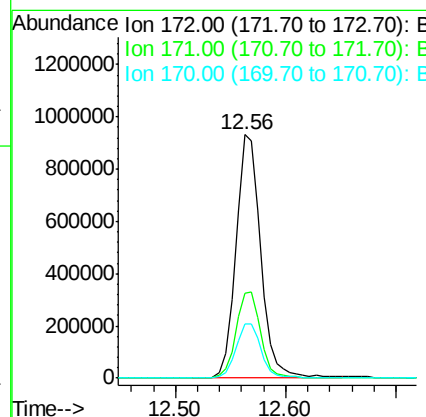
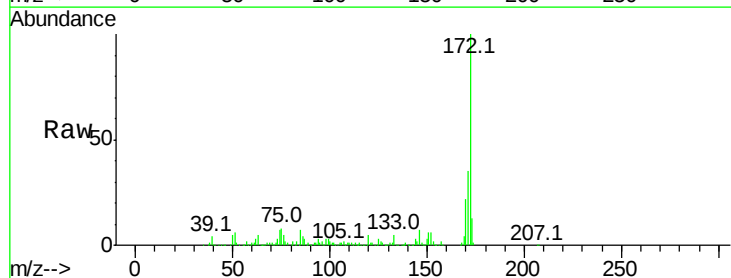
Instrument :
 BNA_M
 ClientSampleId :
 PB101388BL

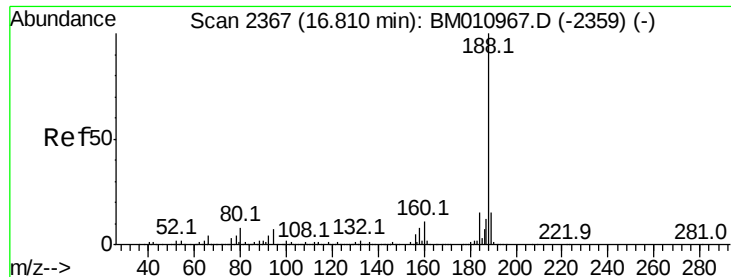
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.3	0.0	0.0#
141	45.0	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 55.733 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

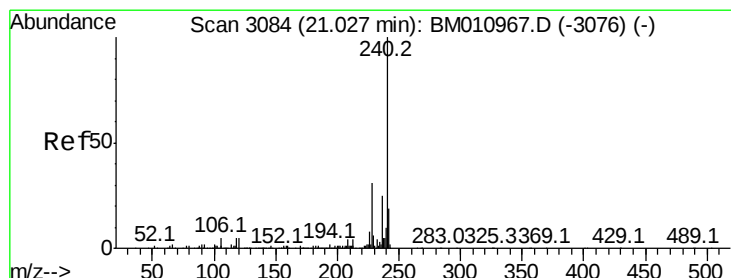
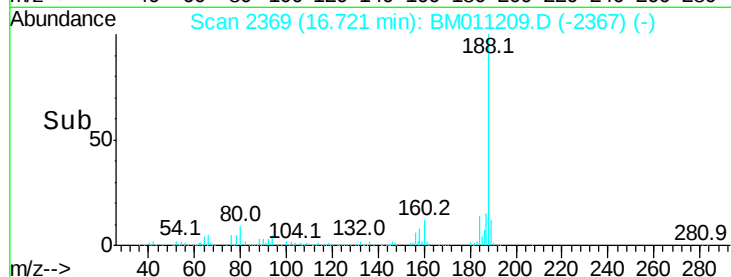
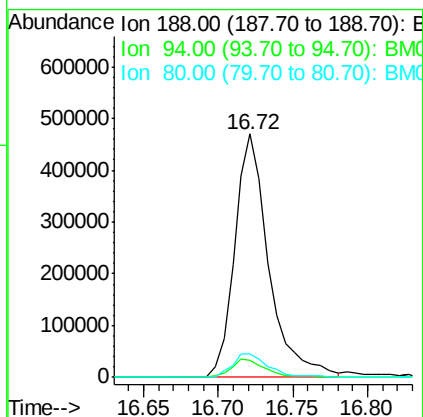
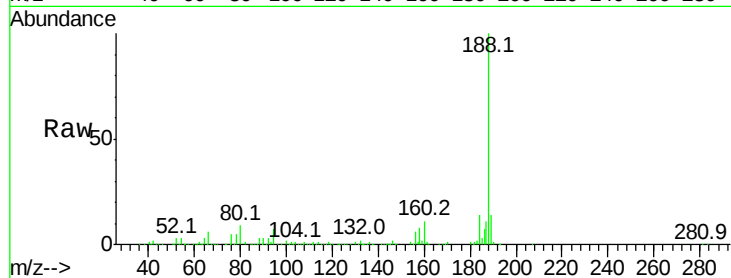




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2369
Delta R.T. -0.09 min
Lab File: BM011209.D
Acq: 11 Aug 2017 19:54

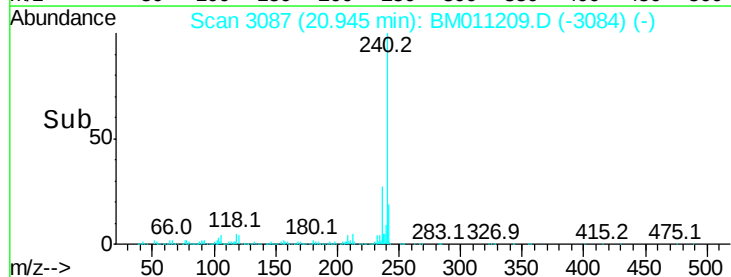
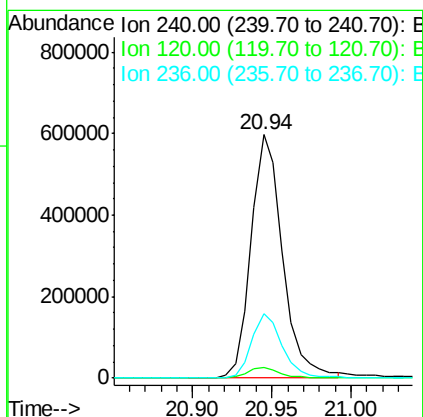
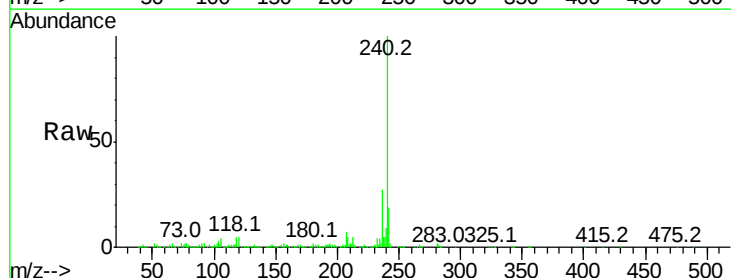
Instrument :
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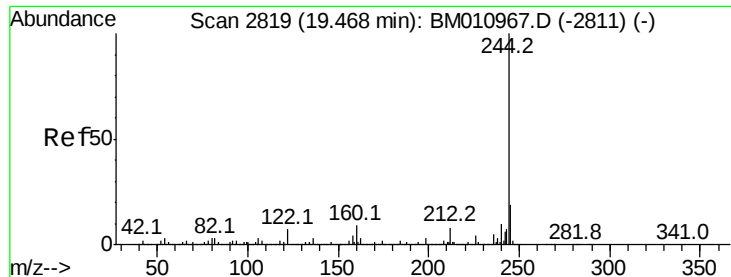
Tot Ion:188 Resp: 745977
Ion Ratio Lower Upper
188 100
94 7.0 8.7 13.1#
80 9.4 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 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:240 Resp: 826343
Ion Ratio Lower Upper
240 100
120 4.5 8.2 12.2#
236 26.6 20.0 30.0

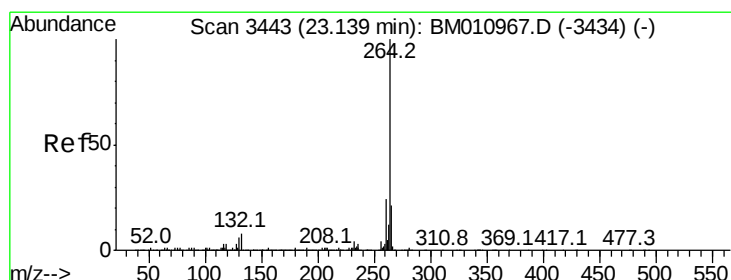
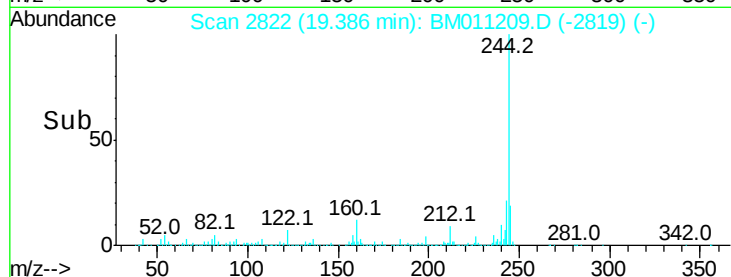
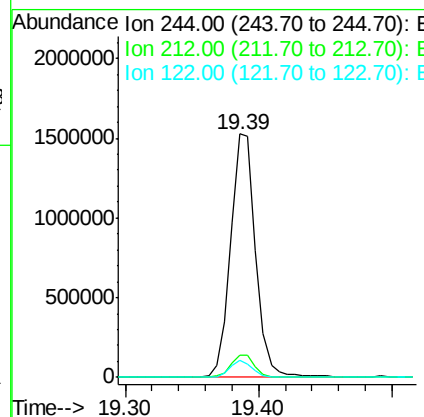
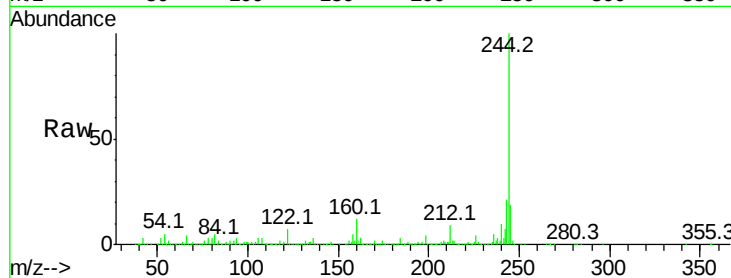




#78
 Terphenyl-d14
 Concen: 48.467 ng
 RT: 19.39 min Scan# 2822
 Delta R.T. -0.08 min
 Lab File: BM011209.D
 Acq: 11 Aug 2017 19:54

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



#86
 Perylene-d12
 Concen: 20.000 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

