

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081217\
 Data File : BM011222.D
 Acq On : 12 Aug 2017 16:46
 Operator : SJ/JU
 Sample : I4705-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-B-COMP

Quant Time: Aug 14 04:02:07 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	117872	20.00	ng	-0.10
21) Naphthalene-d8	10.05	136	394516	20.00	ng	-0.10
38) Acenaphthene-d10	13.96	164	249523	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	597784	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	771700	20.00	ng	-0.08
86) Perylene-d12	23.02	264	395853	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	1059612	151.96	ng	-0.09
7) Phenol-d6	6.50	99	1381249	139.42	ng	-0.09
23) Nitrobenzene-d5	8.44	82	1346905	128.14	ng	-0.10
41) 2,4,6-Tribromophenol	15.47	330	566100	141.55	ng	-0.09
44) 2-Fluorobiphenyl	12.57	172	2143502	107.74	ng	-0.09
78) Terphenyl-d14	19.39	244	3499572	89.83	ng	-0.08

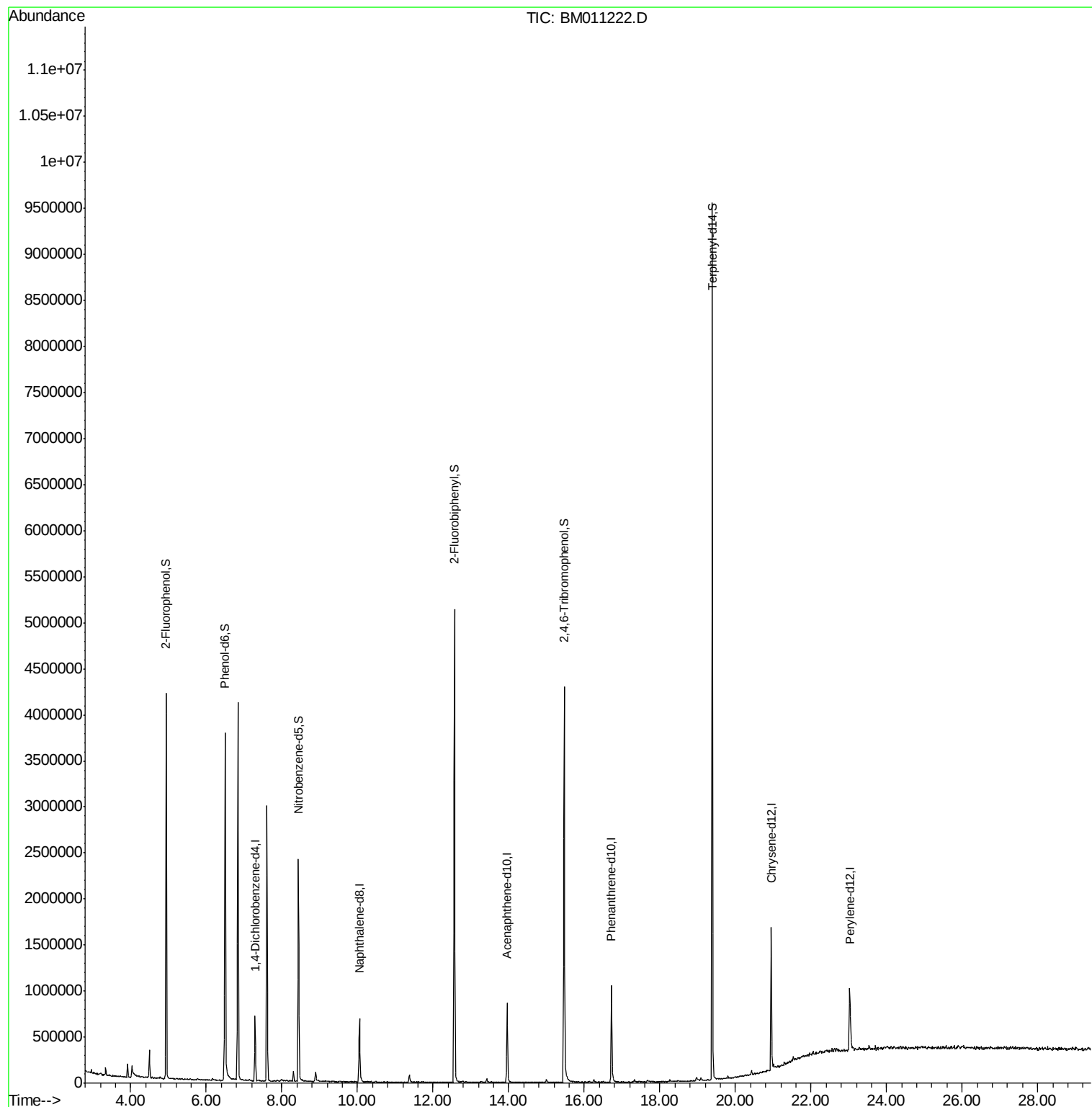
Target Compounds Qvalue

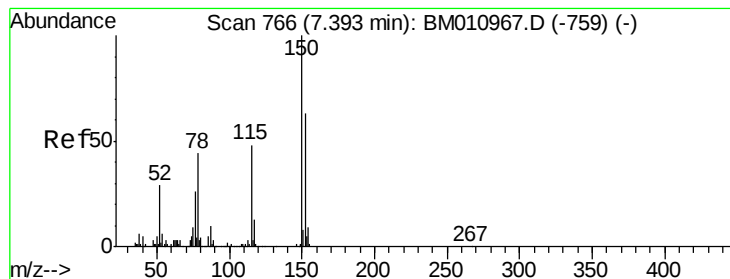
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM011222.D

Acq: 12 Aug 2017 16:46

Instrument :

BNA_M

ClientSampleId :

SP-B-COMP

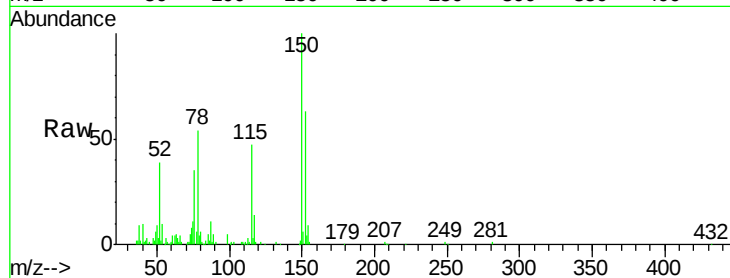
Tot Ion:152 Resp: 117872

Ion Ratio Lower Upper

152 100

150 157.8 119.5 179.3

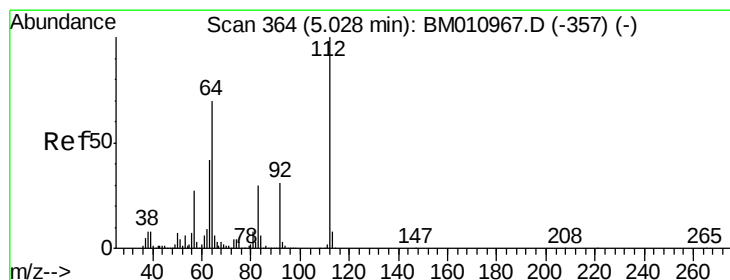
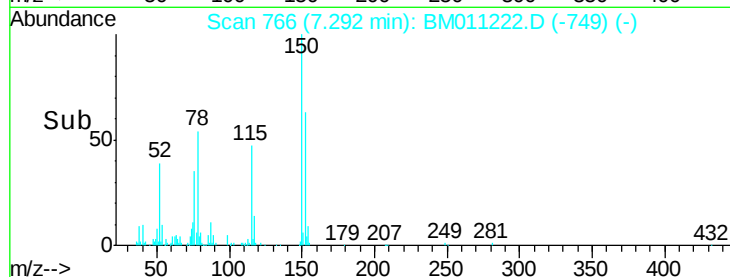
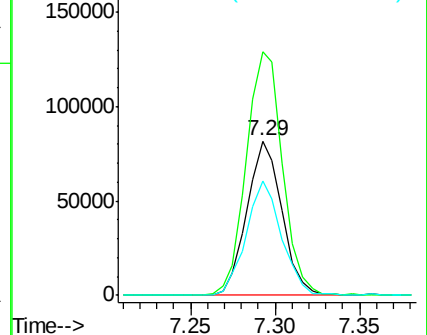
115 73.9 43.0 64.4#



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: 151.96 ng

RT: 4.94 min Scan# 366

Delta R.T. -0.09 min

Lab File: BM011222.D

Acq: 12 Aug 2017 16:46

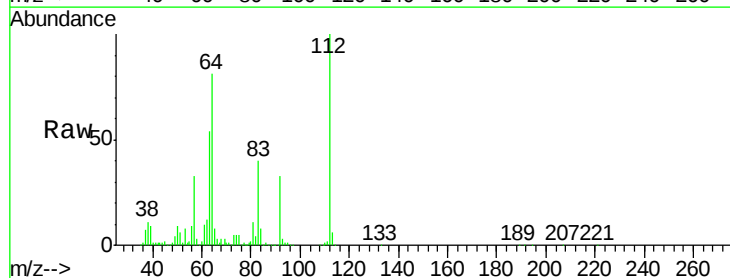
Tgt Ion:112 Resp: 1059612

Ion Ratio Lower Upper

112 100

64 81.1 38.6 57.8#

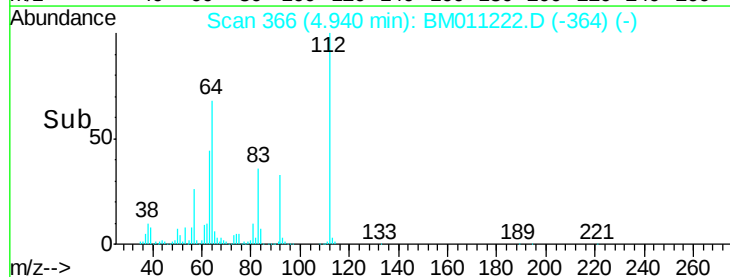
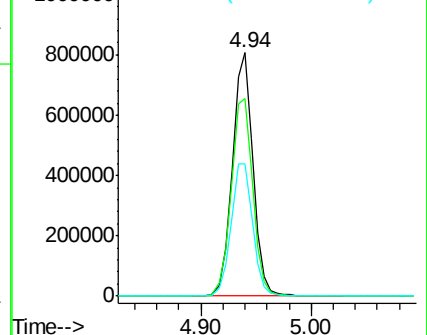
63 54.1 19.3 28.9#

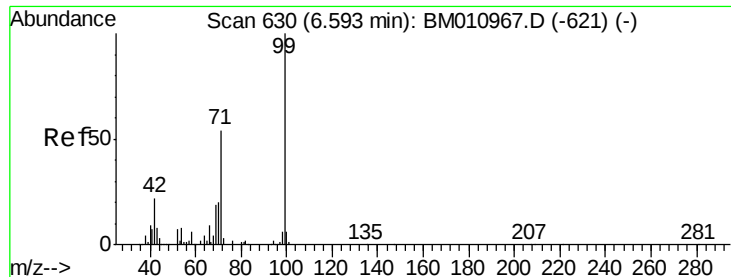


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 139.42 ng

RT: 6.50 min Scan# 631

Delta R.T. -0.09 min

Lab File: BM011222.D

Acq: 12 Aug 2017 16:46

Instrument :

BNA_M

ClientSampleId :

SP-B-COMP

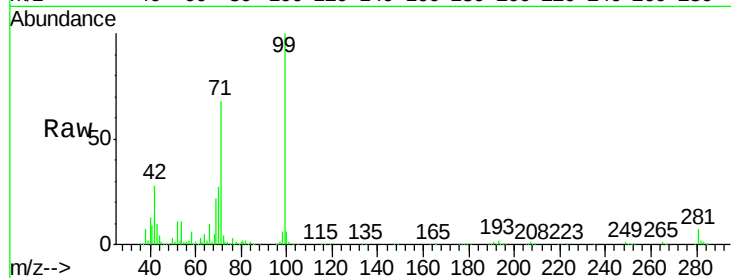
Tot Ion: 99 Resp: 1381249

Ion Ratio Lower Upper

99 100

42 28.3 11.0 16.4#

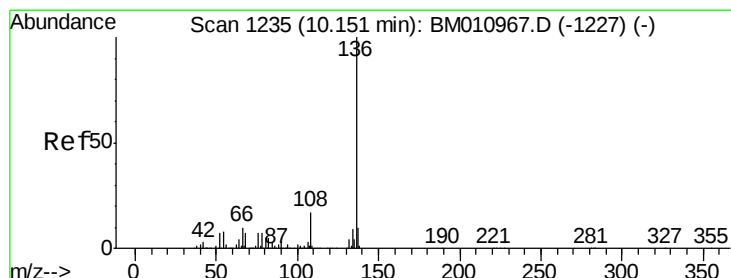
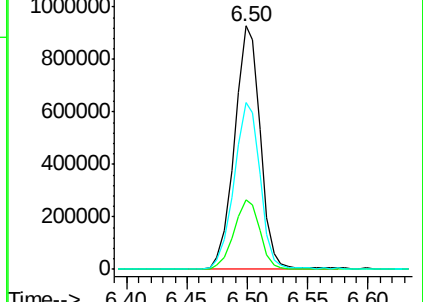
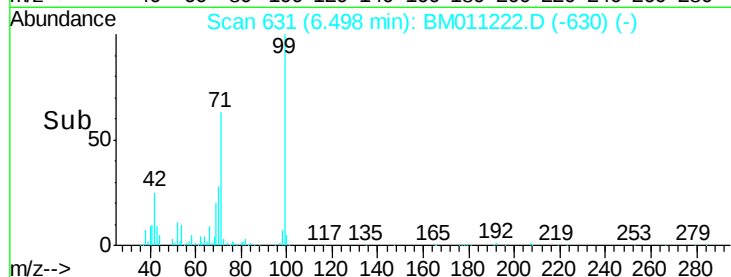
71 68.5 23.4 35.2#



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: 20.00 ng

RT: 10.05 min Scan# 1235

Delta R.T. -0.10 min

Lab File: BM011222.D

Acq: 12 Aug 2017 16:46

Tgt Ion: 136 Resp: 394516

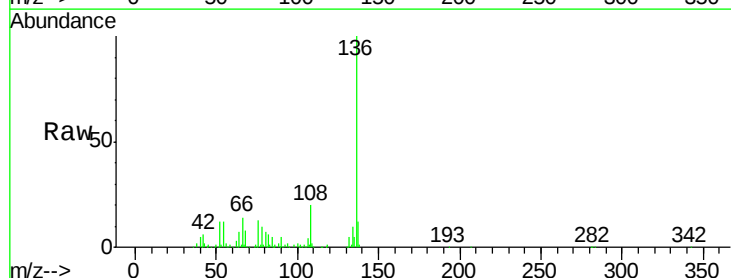
Ion Ratio Lower Upper

136 100

137 12.0 8.7 13.1

54 11.9 4.6 6.8#

68 7.8 3.7 5.5#

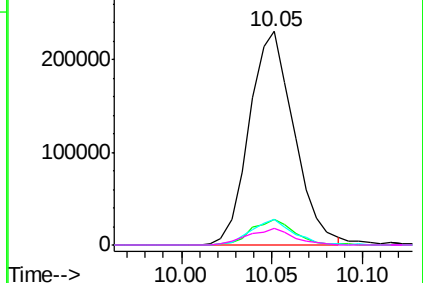
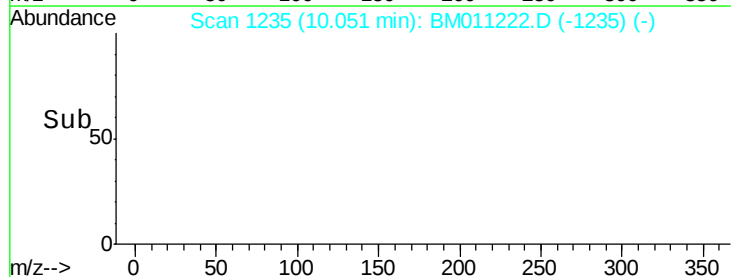


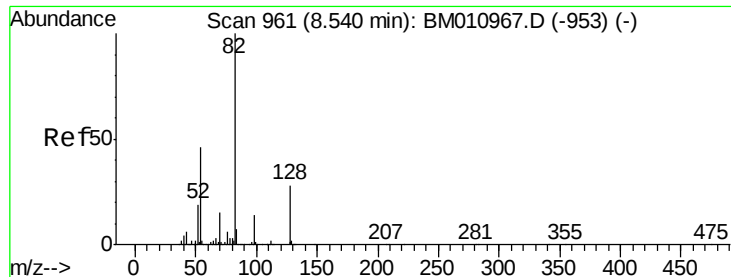
Abundance Ion 136.00 (135.70 to 136.70): BM010967.D (-1227) (-)

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) (-)

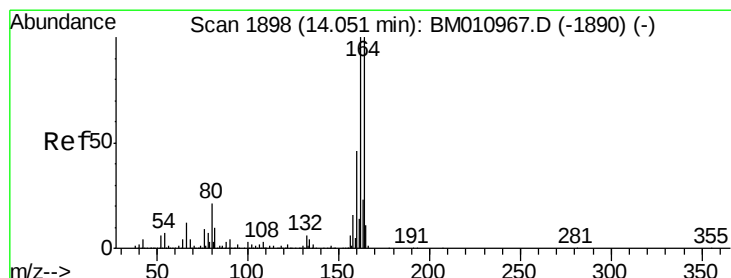
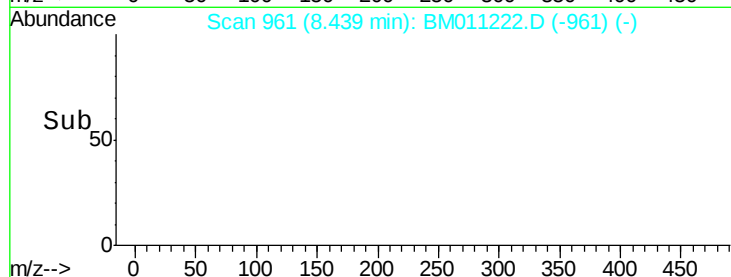
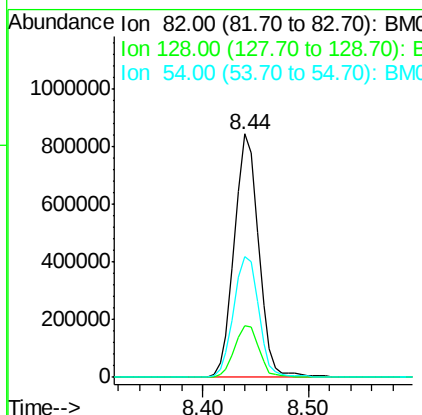
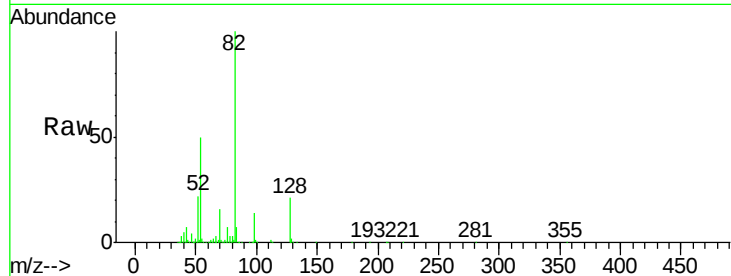




#23
Nitrobenzene-d5
Concen: 128.14 ng
RT: 8.44 min Scan# 961
Delta R.T. -0.10 min
Lab File: BM011222.D
Acq: 12 Aug 2017 16:46

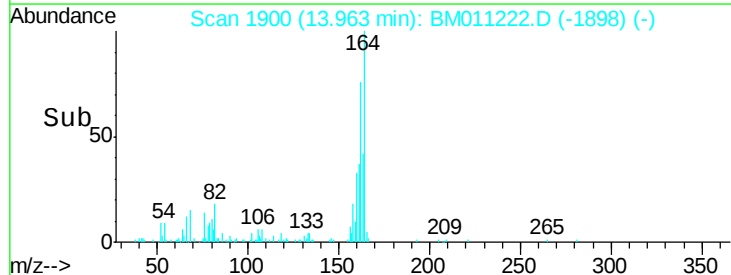
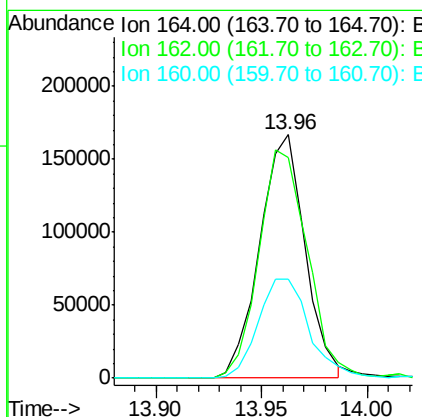
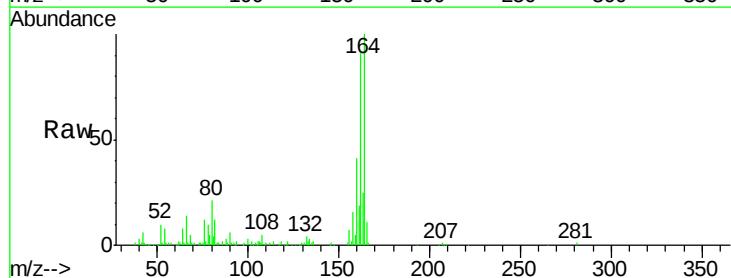
Instrument :
BNA_M
ClientSampleId :
SP-B-COMP

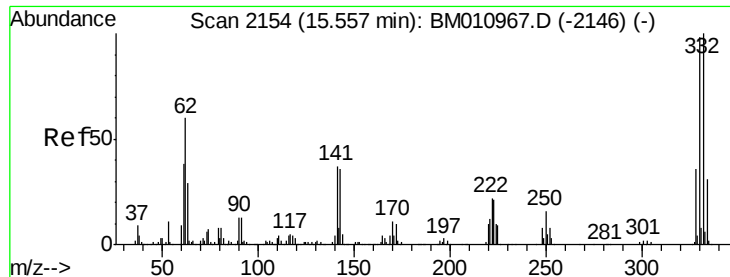
Tot Ion: 82 Resp: 1346905
Ion Ratio Lower Upper
82 100
128 21.0 32.8 49.2#
54 49.5 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 13.96 min Scan# 1900
Delta R.T. -0.09 min
Lab File: BM011222.D
Acq: 12 Aug 2017 16:46

Tgt Ion:164 Resp: 249523
Ion Ratio Lower Upper
164 100
162 90.6 82.4 123.6
160 40.9 35.8 53.6

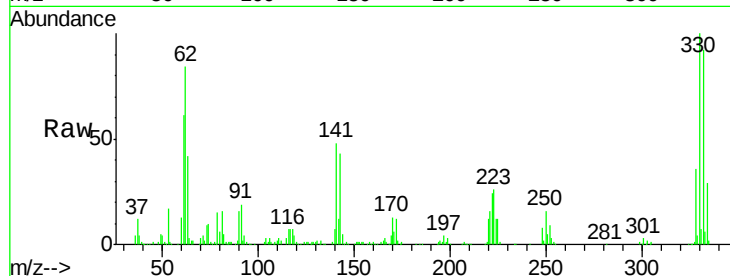




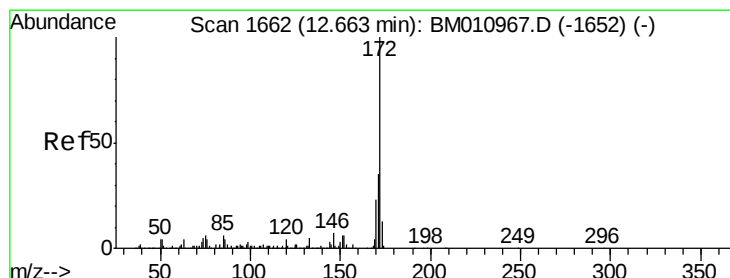
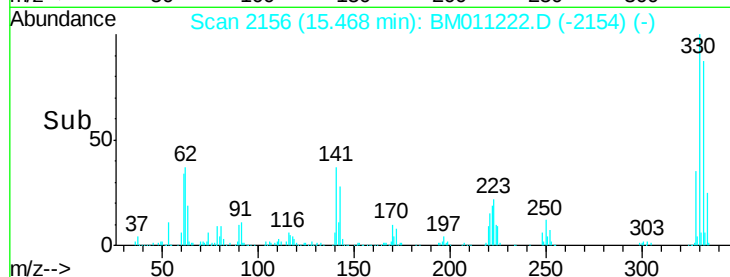
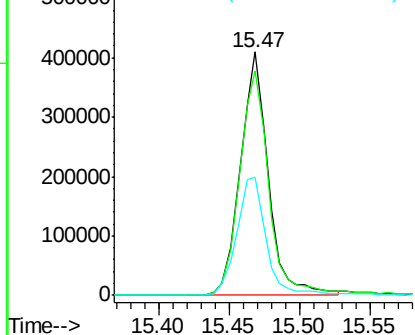
#41
 2,4,6-Tribromophenol
 Concen: 141.55 ng
 RT: 15.47 min Scan# 2156
 Delta R.T. -0.09 min
 Lab File: BM011222.D
 Acq: 12 Aug 2017 16:46

Instrument :
 BNA_M
 ClientSampleId :
 SP-B-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	50.8	0.0	0.0#

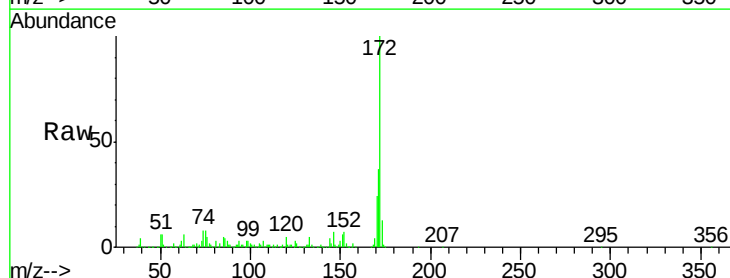


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

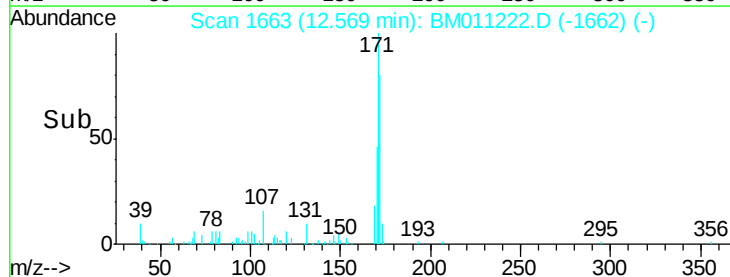
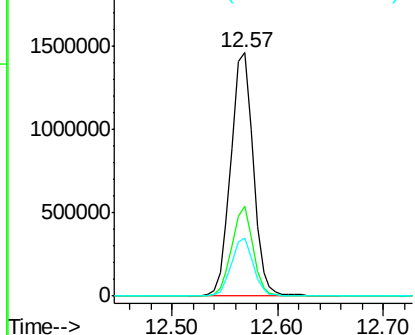


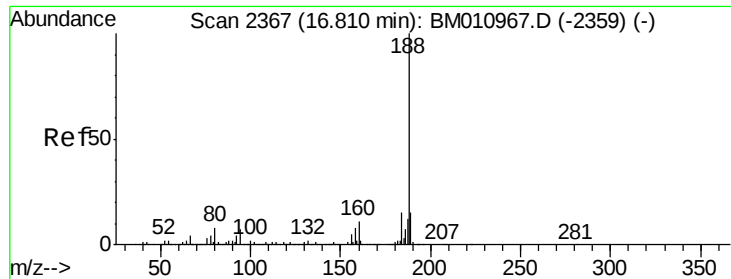
#44
 2-Fluorobiphenyl
 Concen: 107.74 ng
 RT: 12.57 min Scan# 1663
 Delta R.T. -0.09 min
 Lab File: BM011222.D
 Acq: 12 Aug 2017 16:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.5	42.7
170	24.1	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

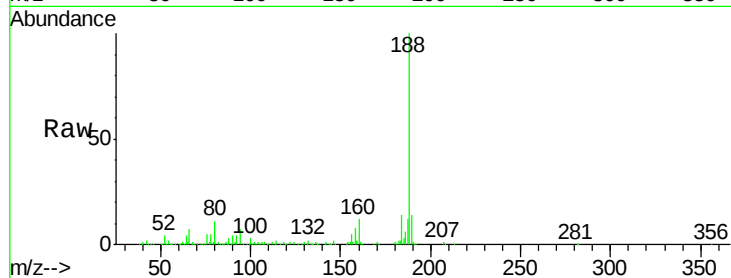




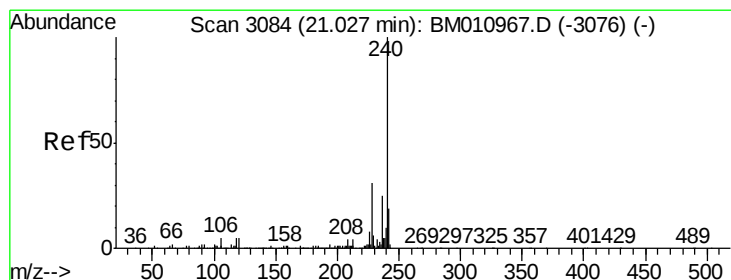
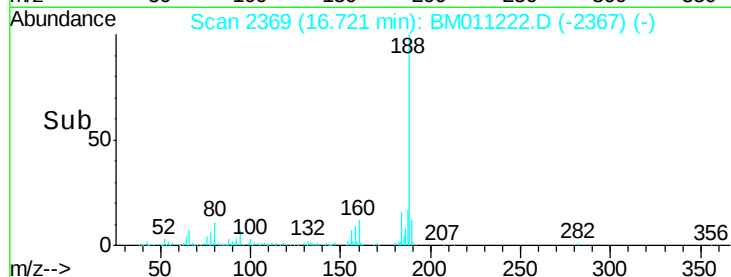
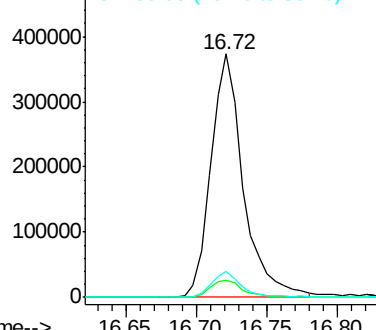
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.72 min Scan# 2369
Delta R.T. -0.09 min
Lab File: BM011222.D
Acq: 12 Aug 2017 16:46

Instrument :
BNA_M
ClientSampleId :
SP-B-COMP

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.2	8.7	13.1#
80	10.7	9.3	13.9

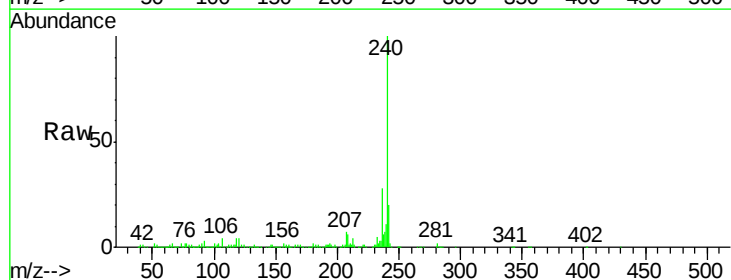


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

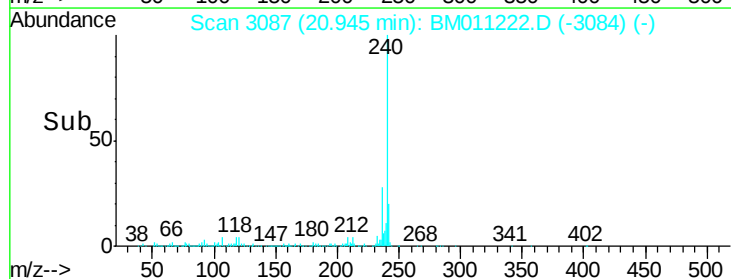
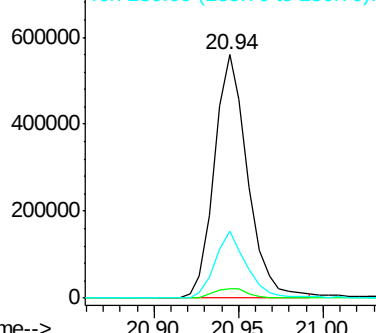


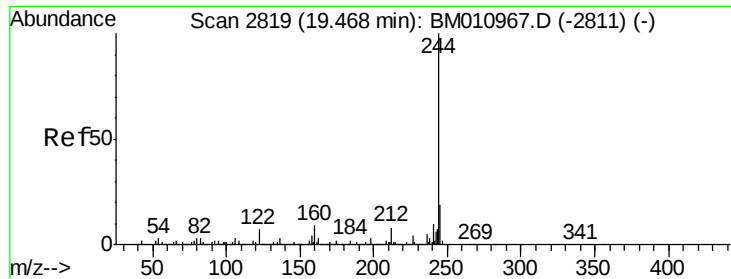
#75
Chrysene-d12
Concen: 20.00 ng
RT: 20.94 min Scan# 3087
Delta R.T. -0.08 min
Lab File: BM011222.D
Acq: 12 Aug 2017 16:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	3.9	8.2	12.2#
236	27.7	20.0	30.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.83 ng

RT: 19.39 min Scan# 2823

Delta R.T. -0.08 min

Lab File: BM011222.D

Acq: 12 Aug 2017 16:46

Instrument :

BNA_M

ClientSampleId :

SP-B-COMP

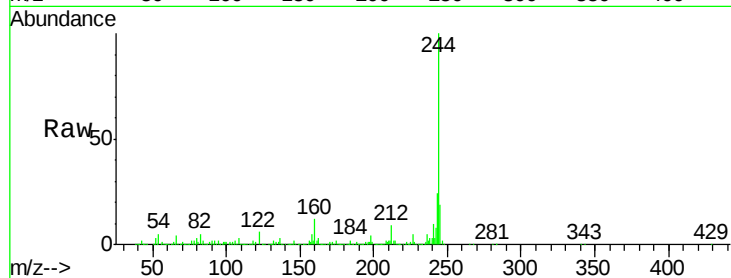
Tot Ion:244 Resp: 3499572

Ion Ratio Lower Upper

244 100

212 9.1 4.9 7.3#

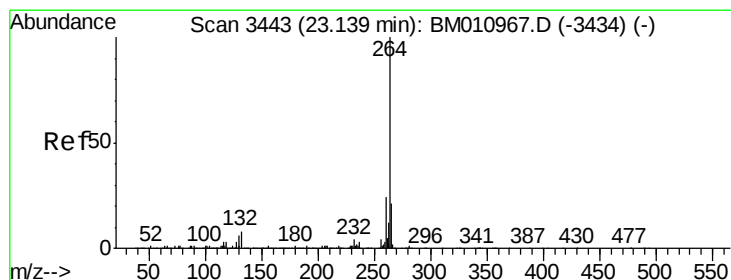
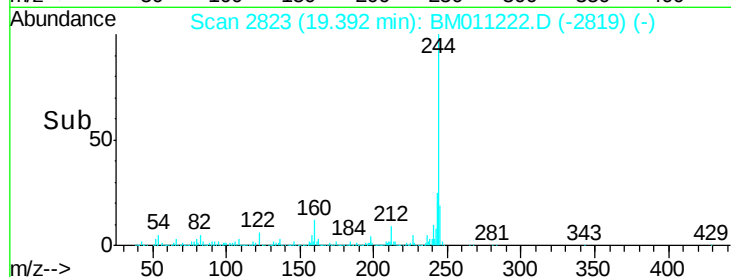
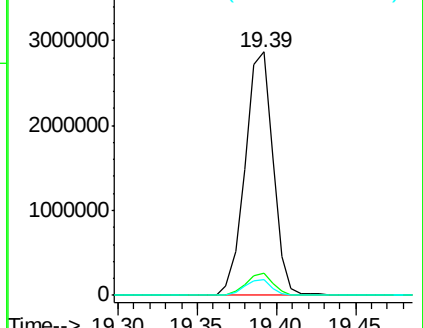
122 6.3 6.2 9.4



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: BM011222.D

Acq: 12 Aug 2017 16:46

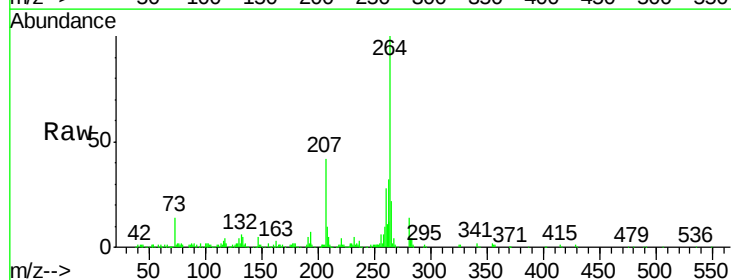
Tgt Ion:264 Resp: 395853

Ion Ratio Lower Upper

264 100

260 28.5 18.6 27.8#

265 21.6 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

