

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081517\
 Data File : BM011241.D
 Acq On : 15 Aug 2017 20:02
 Operator : SJ/JU
 Sample : I4755-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SA-06-081117-A

Quant Time: Aug 16 01:43:17 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 01:32:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	112506	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	371646	20.00	ng	0.00
38) Acenaphthene-d10	13.96	164	250822	20.00	ng	0.00
63) Phenanthrene-d10	16.72	188	606386	20.00	ng	0.00
75) Chrysene-d12	20.94	240	647334	20.00	ng	0.00
86) Perylene-d12	23.02	264	309905	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	836547	125.69	ng	0.00
7) Phenol-d6	6.50	99	1052885	111.34	ng	0.00
23) Nitrobenzene-d5	8.44	82	1154494	116.59	ng	0.00
41) 2,4,6-Tribromophenol	15.46	330	519974	129.34	ng	0.00
44) 2-Fluorobiphenyl	12.56	172	1815442	90.77	ng	0.00
78) Terphenyl-d14	19.39	244	2924699	89.50	ng	0.00

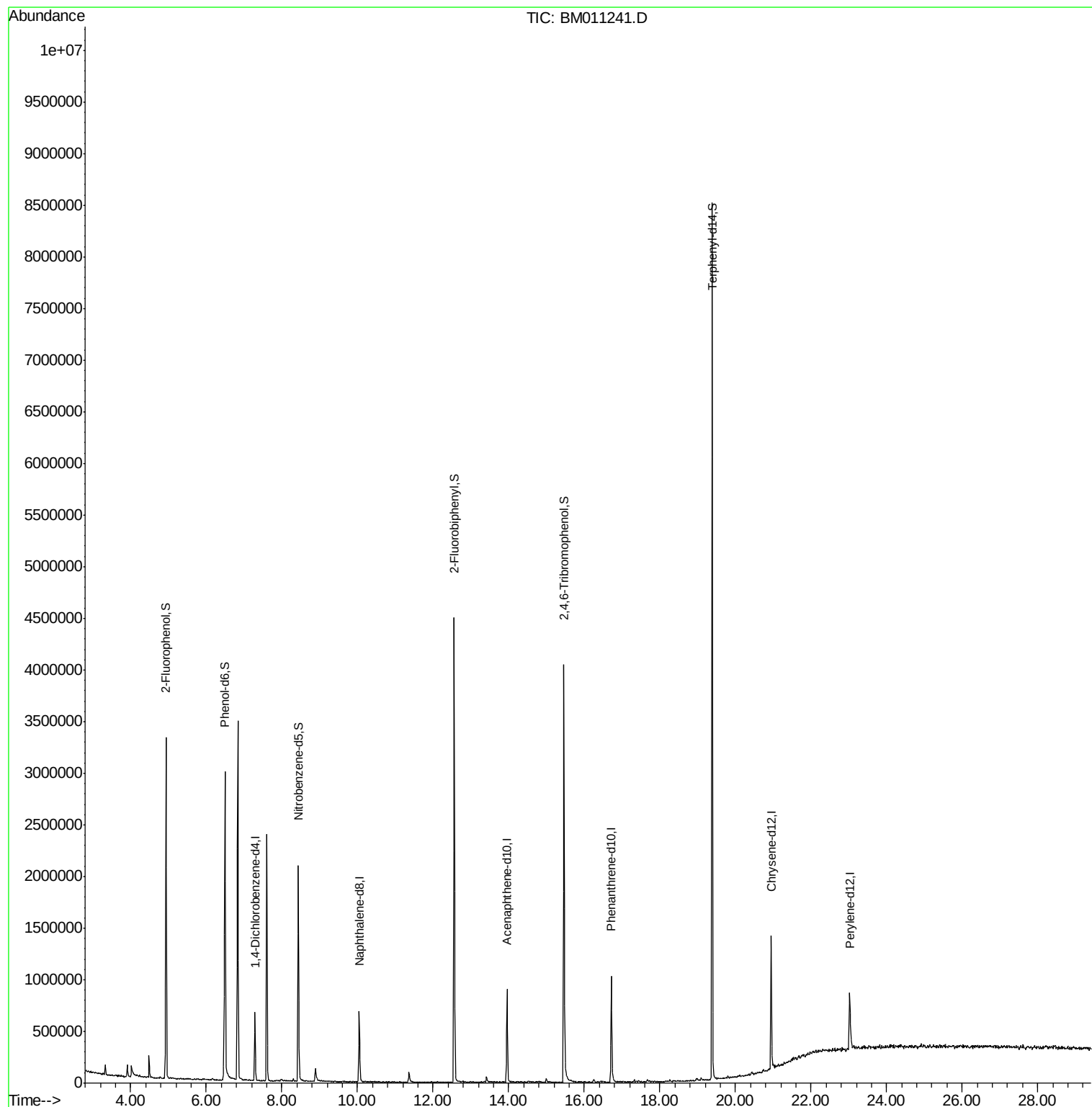
Target Compounds Qvalue

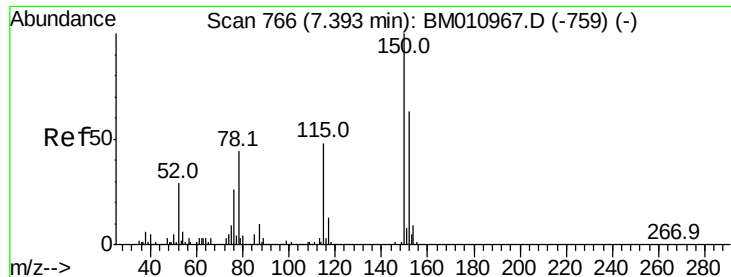
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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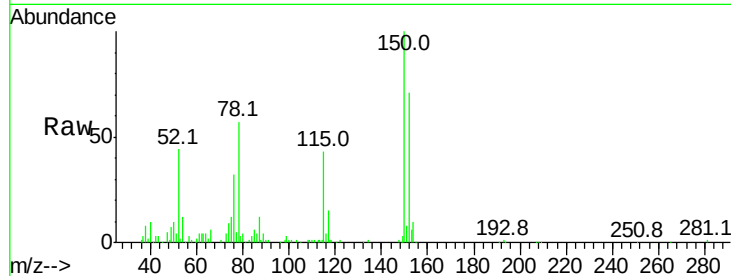


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 766
Delta R.T. 0.01 min
Lab File: BM011241.D
Acq: 15 Aug 2017 20:02

Instrument :
BNA_M
ClientSampleId :
SA-06-081117-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.5	119.5	179.3
115	60.9	43.0	64.4

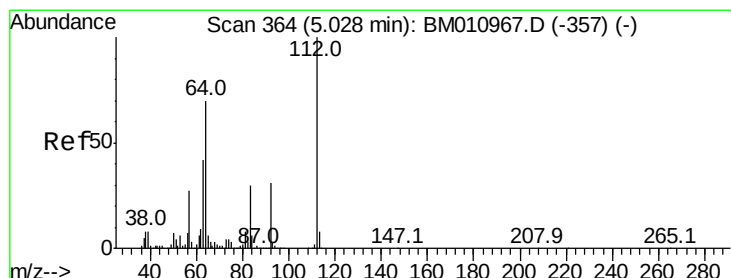
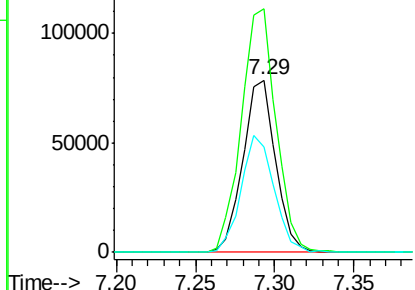
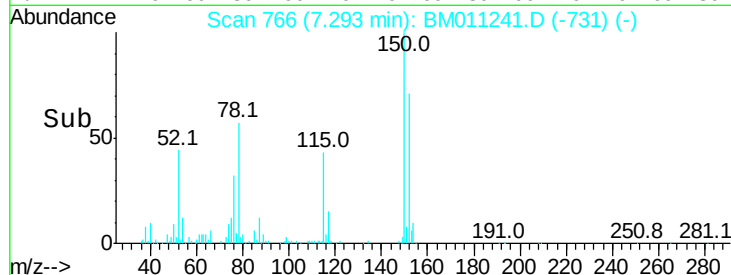


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

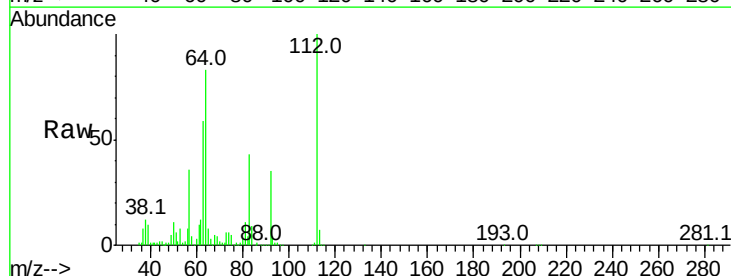
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 125.694 ng
RT: 4.93 min Scan# 365
Delta R.T. 0.01 min
Lab File: BM011241.D
Acq: 15 Aug 2017 20:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	83.3	38.6	57.8#
63	58.5	19.3	28.9#

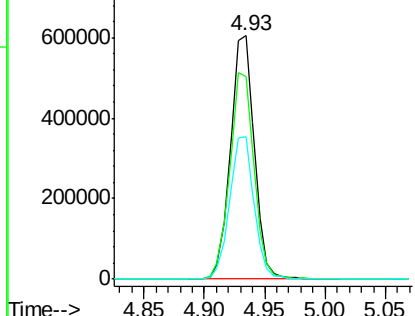
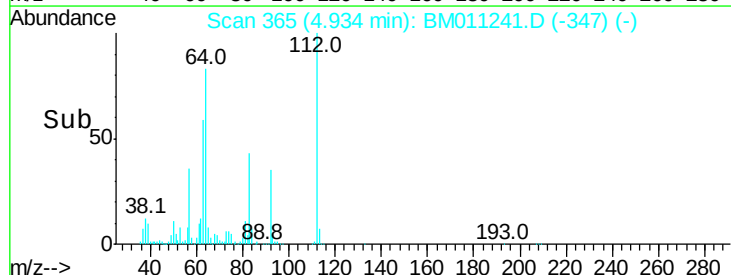


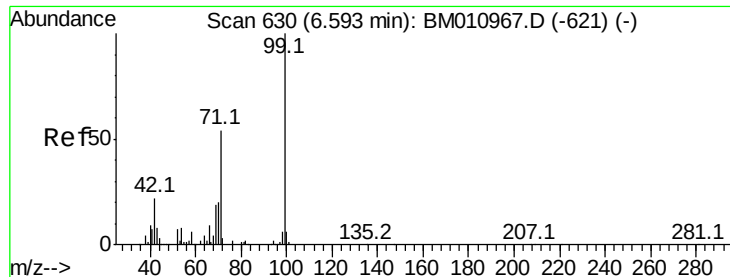
Abundance

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: 111.344 ng

RT: 6.50 min Scan# 631

Delta R.T. 0.01 min

Lab File: BM011241.D

Acq: 15 Aug 2017 20:02

Instrument :

BNA_M

ClientSampleId :

SA-06-081117-A

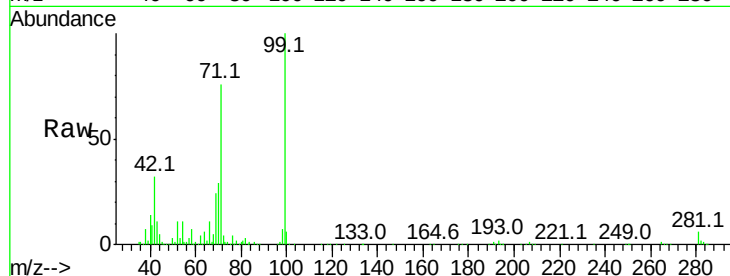
Tot Ion: 99 Resp: 1052885

Ion Ratio Lower Upper

99 100

42 31.8 11.0 16.4#

71 75.9 23.4 35.2#

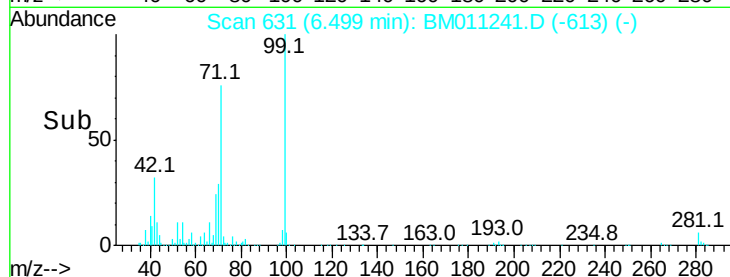


Abundance Ion 99.00 (98.70 to 99.70): BM010967.D (-621) (-)

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

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

Time-->

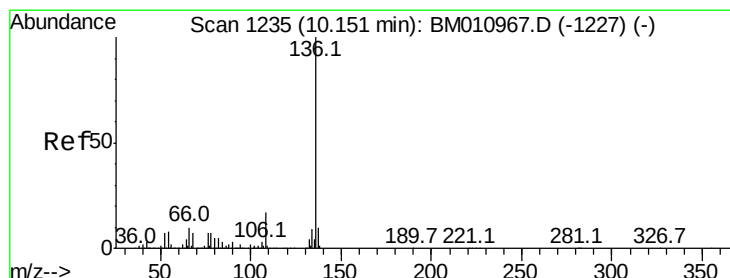


Abundance Ion 99.00 (98.70 to 99.70): BM011241.D (-613) (-)

Ion 42.00 (41.70 to 42.70): BM011241.D (-613) (-)

Ion 71.00 (70.70 to 71.70): BM011241.D (-613) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BM011241.D

Acq: 15 Aug 2017 20:02

Tgt Ion: 136 Resp: 371646

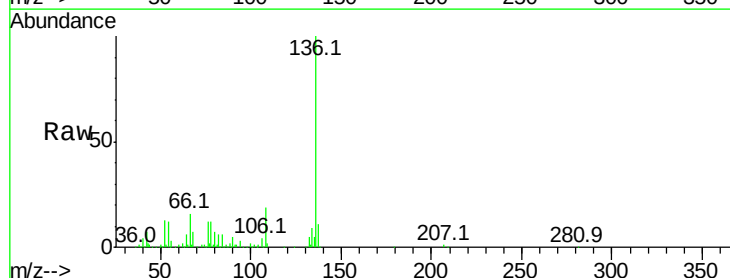
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 11.9 4.6 6.8#

68 7.3 3.7 5.5#



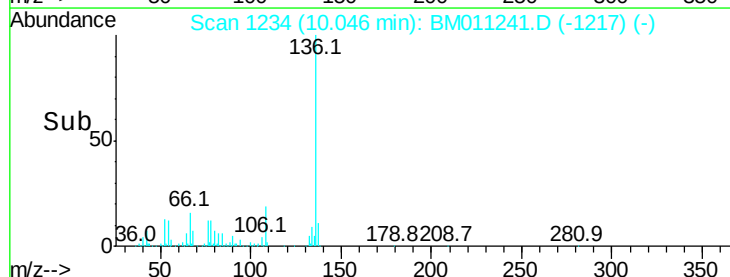
Abundance Ion 136.00 (135.70 to 136.70): BM010967.D (-1227) (-)

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) (-)

Time-->



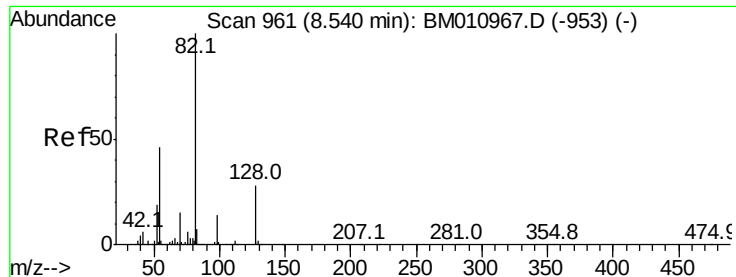
Abundance Ion 136.00 (135.70 to 136.70): BM011241.D (-1217) (-)

Ion 137.00 (136.70 to 137.70): BM011241.D (-1217) (-)

Ion 54.00 (53.70 to 54.70): BM011241.D (-1217) (-)

Ion 68.00 (67.70 to 68.70): BM011241.D (-1217) (-)

Time-->



#23

Nitrobenzene-d5

Concen: 116.589 ng

RT: 8.44 min Scan# 961

Delta R.T. 0.00 min

Lab File: BM011241.D

Acq: 15 Aug 2017 20:02

Instrument :

BNA_M

ClientSampleId :

SA-06-081117-A

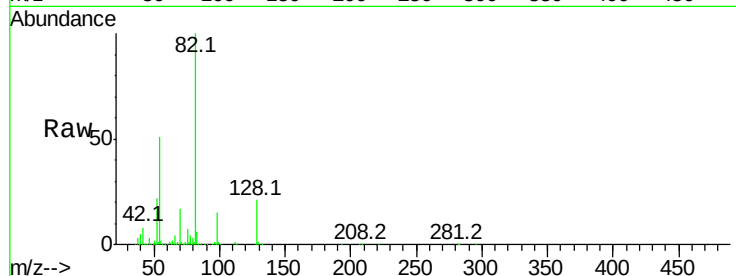
Tot Ion: 82 Resp: 1154494

Ion Ratio Lower Upper

82 100

128 21.2 32.8 49.2#

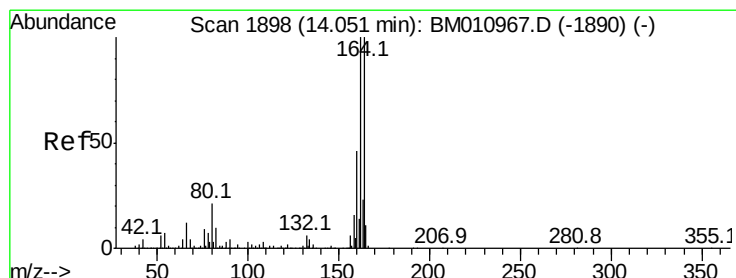
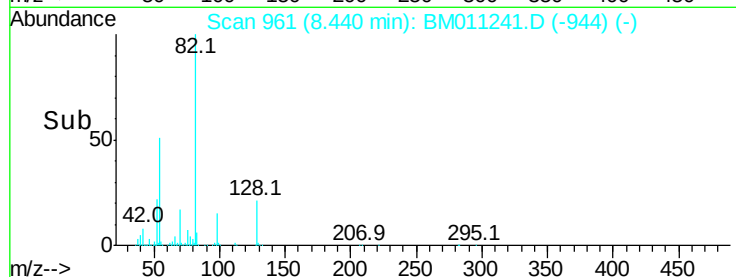
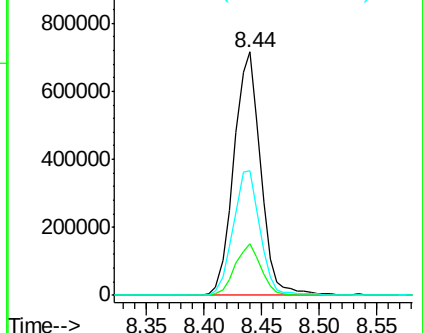
54 51.2 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM011241.D (-944) (-)

Ion 128.00 (127.70 to 128.70): BM011241.D (-944) (-)

Ion 54.00 (53.70 to 54.70): BM011241.D (-944) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.96 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BM011241.D

Acq: 15 Aug 2017 20:02

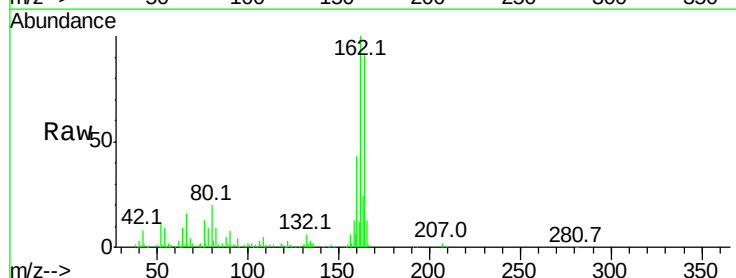
Tgt Ion: 164 Resp: 250822

Ion Ratio Lower Upper

164 100

162 110.4 82.4 123.6

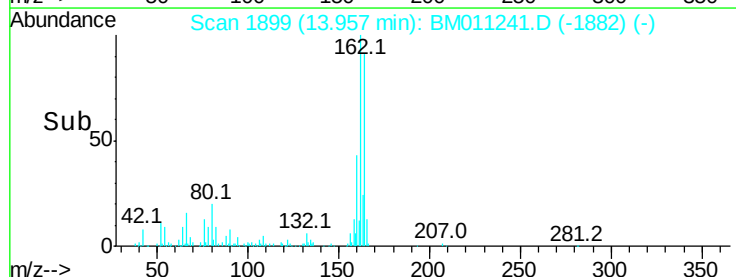
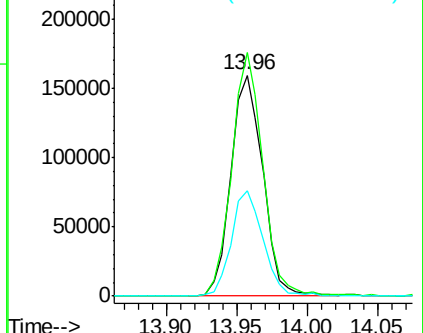
160 47.5 35.8 53.6

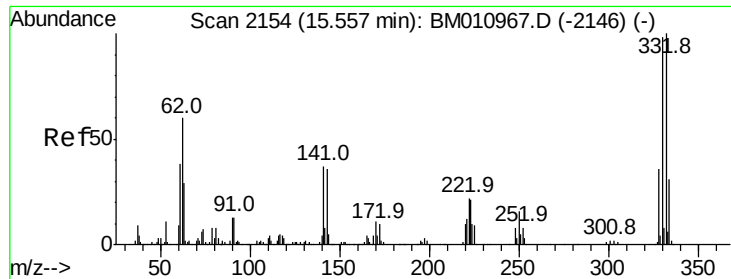


Abundance Ion 164.00 (163.70 to 164.70): BM011241.D (-1882) (-)

Ion 162.00 (161.70 to 162.70): BM011241.D (-1882) (-)

Ion 160.00 (159.70 to 160.70): BM011241.D (-1882) (-)

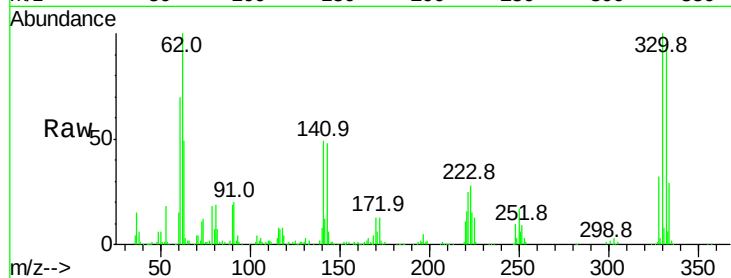




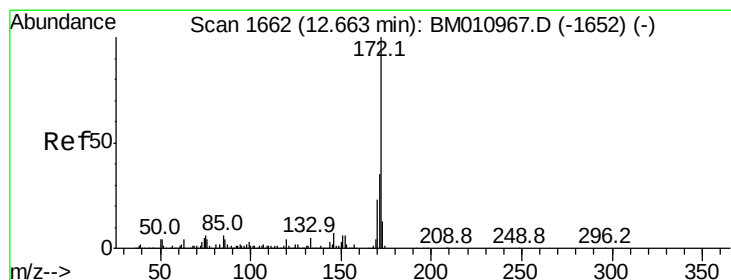
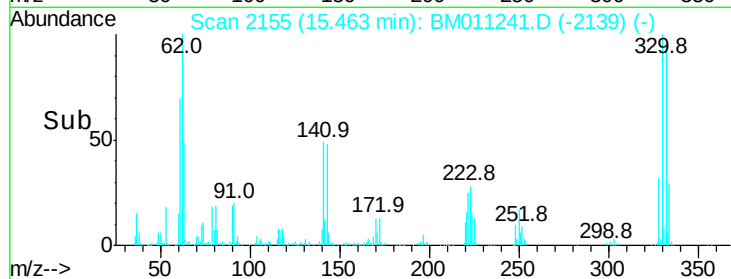
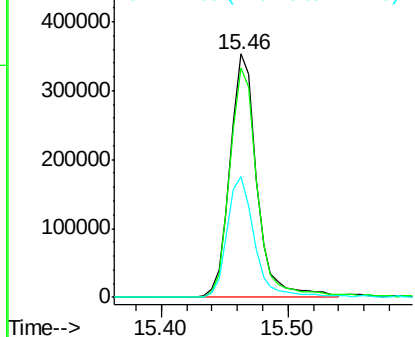
#41
 2,4,6-Tribromophenol
 Concen: 129.342 ng
 RT: 15.46 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BM011241.D
 Acq: 15 Aug 2017 20:02

Instrument :
 BNA_M
 ClientSampleId :
 SA-06-081117-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	50.4	0.0	0.0#

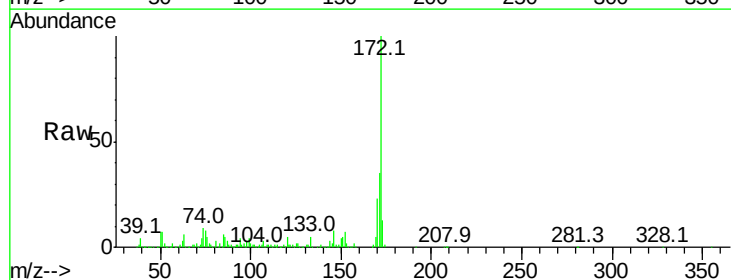


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

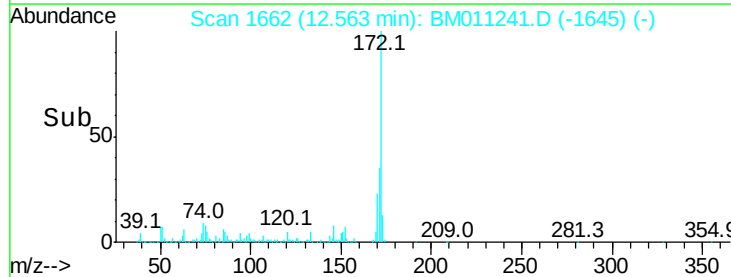
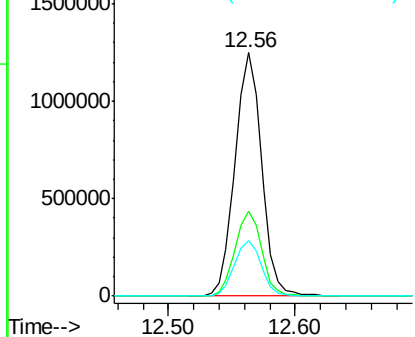


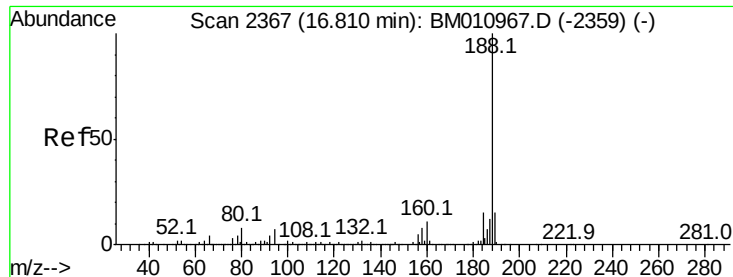
#44
 2-Fluorobiphenyl
 Concen: 90.774 ng
 RT: 12.56 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BM011241.D
 Acq: 15 Aug 2017 20:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	23.0	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

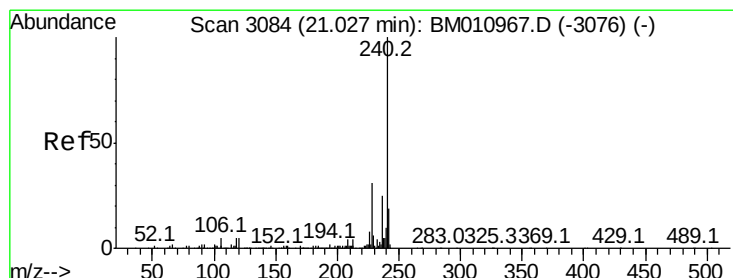
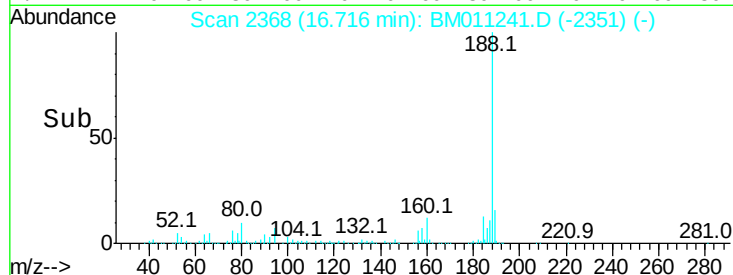
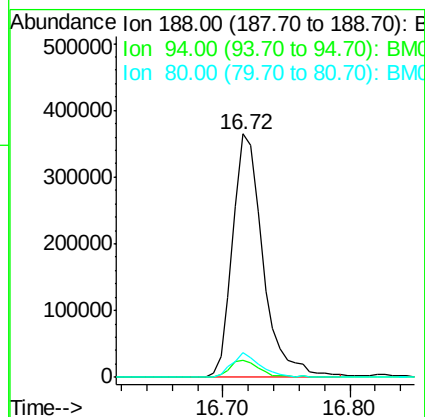
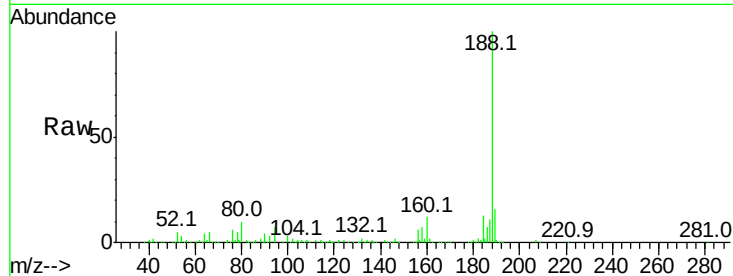




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2368
Delta R.T. 0.00 min
Lab File: BM011241.D
Acq: 15 Aug 2017 20:02

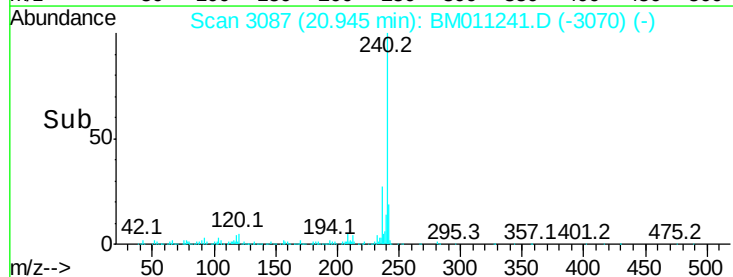
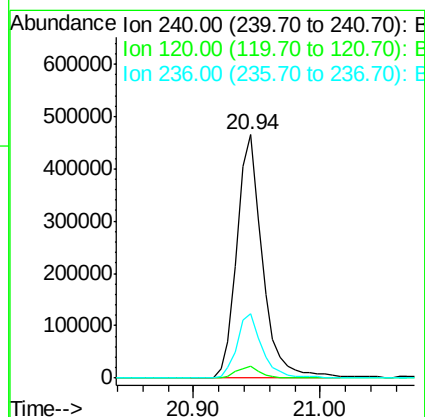
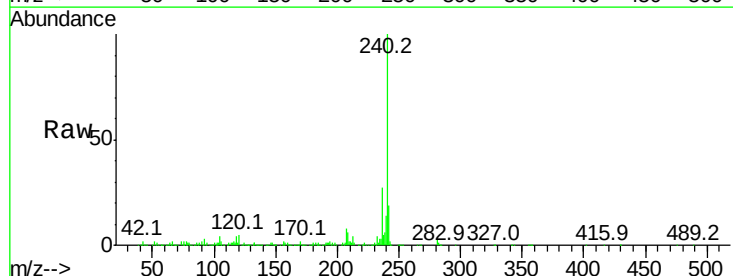
Instrument :
BNA_M
ClientSampleId :
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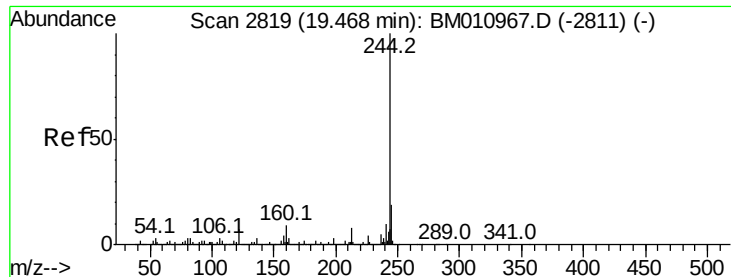
Tot Ion:188 Resp: 606386
Ion Ratio Lower Upper
188 100
94 6.9 8.7 13.1#
80 10.2 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BM011241.D
Acq: 15 Aug 2017 20:02

Tgt Ion:240 Resp: 647334
Ion Ratio Lower Upper
240 100
120 4.8 8.2 12.2#
236 26.7 20.0 30.0





#78

Terphenyl-d14

Concen: 89.497 ng

RT: 19.39 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BM011241.D

Acq: 15 Aug 2017 20:02

Instrument :

BNA_M

ClientSampleId :

SA-06-081117-A

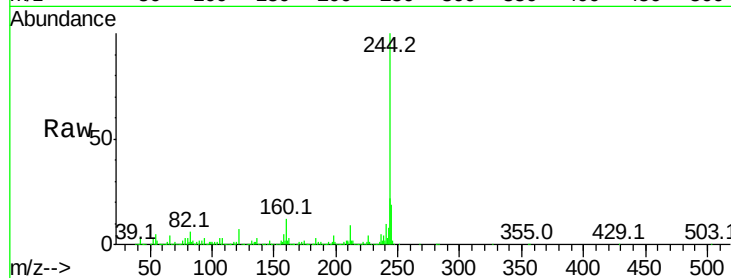
Tot Ion:244 Resp: 2924699

Ion Ratio Lower Upper

244 100

212 9.2 4.9 7.3#

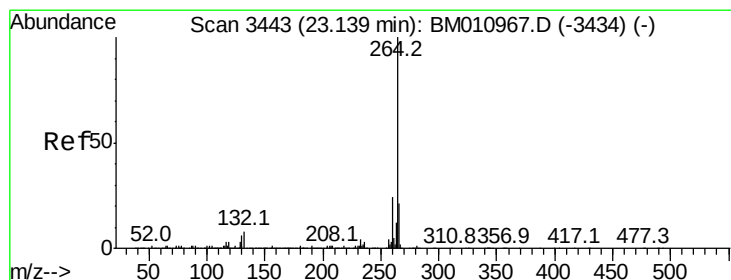
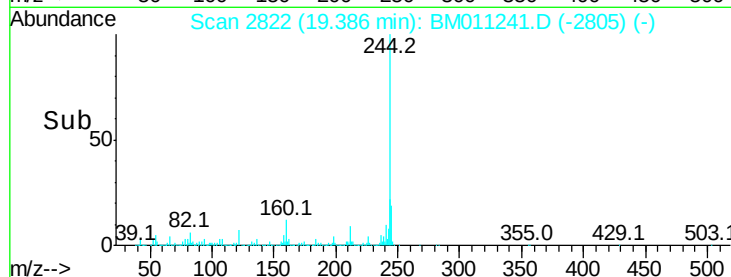
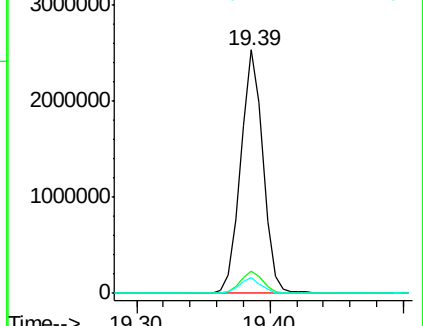
122 6.7 6.2 9.4



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: 23.02 min Scan# 3440

Delta R.T. 0.00 min

Lab File: BM011241.D

Acq: 15 Aug 2017 20:02

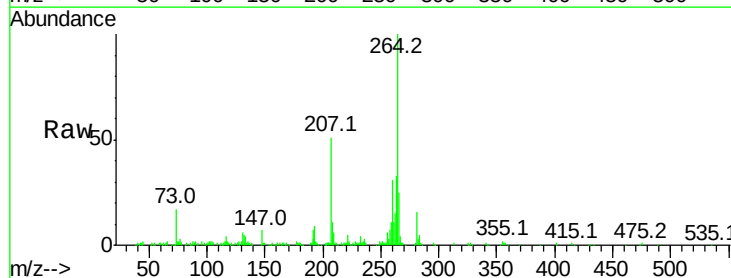
Tgt Ion:264 Resp: 309905

Ion Ratio Lower Upper

264 100

260 30.8 18.6 27.8#

265 24.6 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

