

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081617\
 Data File : BM011256.D
 Acq On : 16 Aug 2017 14:10
 Operator : SJ/JU
 Sample : I4795-03RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-COMP

Quant Time: Aug 17 01:08:31 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 02:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	91204	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	292904	20.00	ng	0.00
38) Acenaphthene-d10	13.96	164	172280	20.00	ng	0.00
63) Phenanthrene-d10	16.72	188	449250	20.00	ng	0.00
75) Chrysene-d12	20.94	240	567496	20.00	ng	0.00
86) Perylene-d12	23.02	264	95646	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	268543	49.77	ng	0.00
7) Phenol-d6	6.49	99	294780	38.45	ng	0.00
23) Nitrobenzene-d5	8.43	82	363039	46.52	ng	0.00
41) 2,4,6-Tribromophenol	15.47	330	125387	45.41	ng	0.00
44) 2-Fluorobiphenyl	12.56	172	599914	43.67	ng	0.00
78) Terphenyl-d14	19.39	244	1057952	36.93	ng	0.00

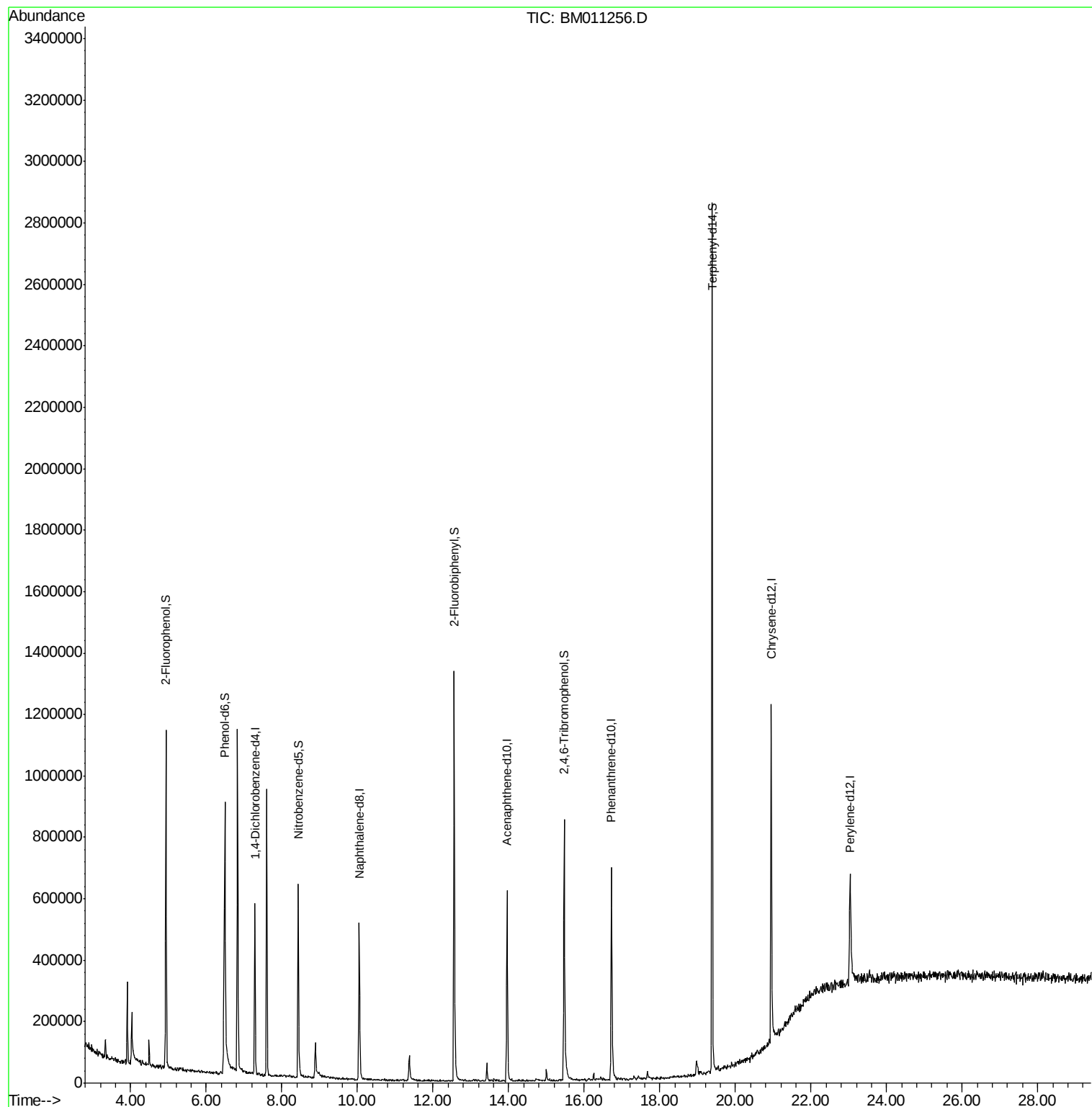
Target Compounds Qvalue

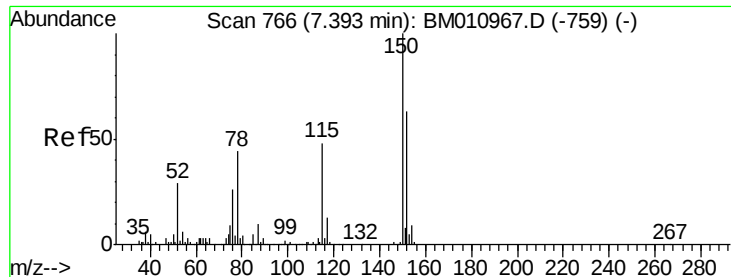
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 765

Delta R.T. 0.00 min

Lab File: BM011256.D

Acq: 16 Aug 2017 14:10

Instrument :

BNA_M

ClientSampleId :

SP-1-COMP

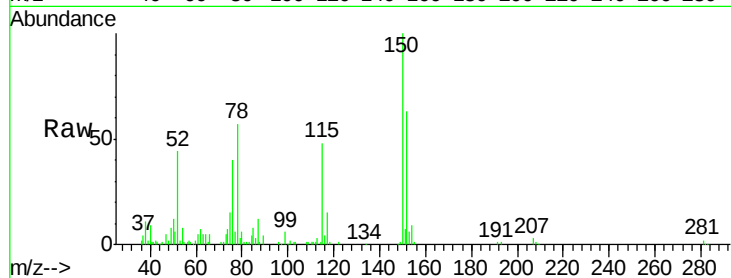
Tot Ion:152 Resp: 91204

Ion Ratio Lower Upper

152 100

150 157.9 119.5 179.3

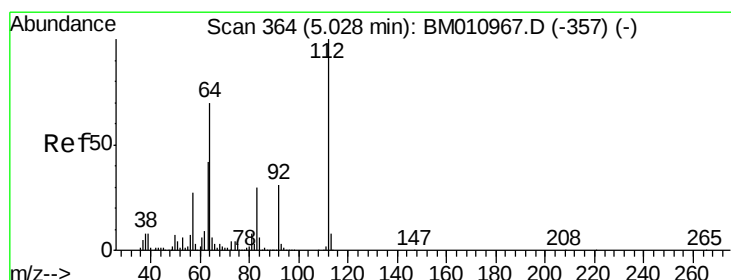
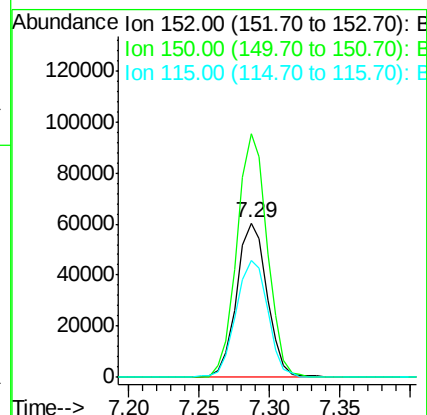
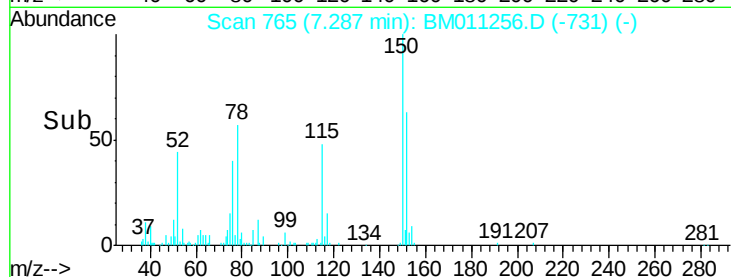
115 75.8 43.0 64.4#



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: 49.77 ng

RT: 4.93 min Scan# 364

Delta R.T. 0.00 min

Lab File: BM011256.D

Acq: 16 Aug 2017 14:10

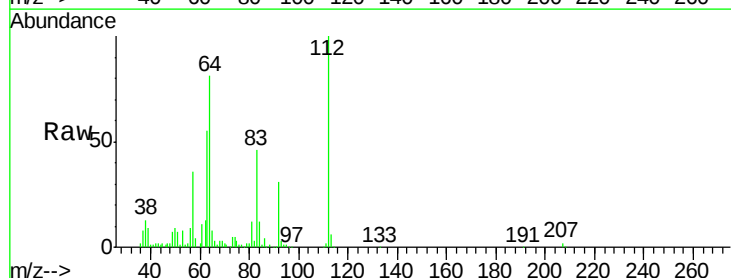
Tgt Ion:112 Resp: 268543

Ion Ratio Lower Upper

112 100

64 81.3 38.6 57.8#

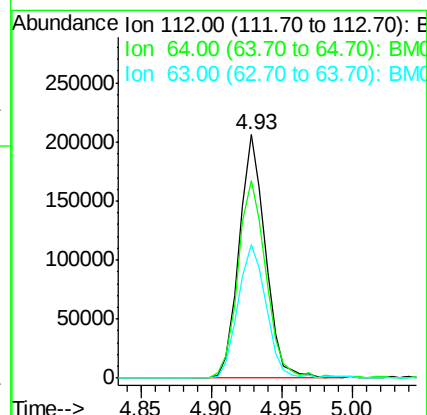
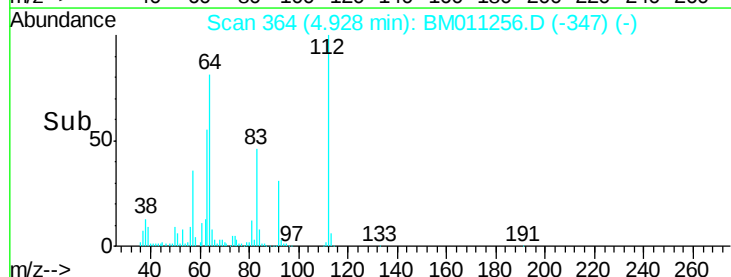
63 54.7 19.3 28.9#

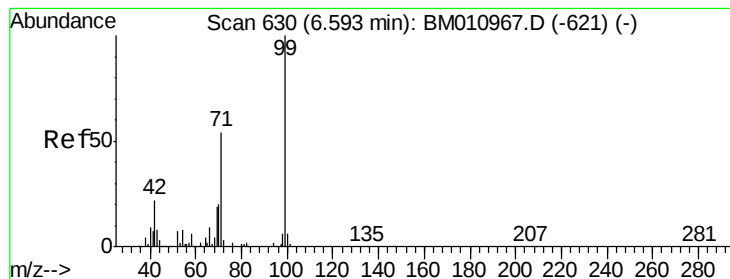


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 38.45 ng

RT: 6.49 min Scan# 630

Delta R.T. 0.00 min

Lab File: BM011256.D

Acq: 16 Aug 2017 14:10

Instrument :

BNA_M

ClientSampleId :

SP-1-COMP

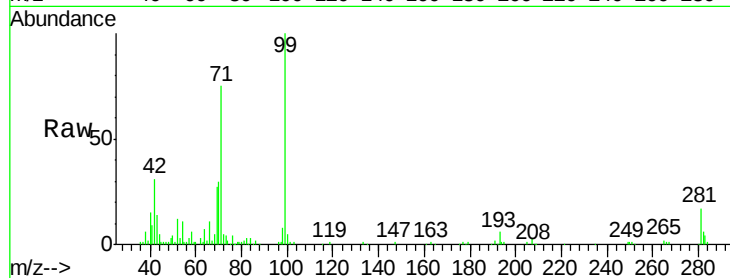
Tot Ion: 99 Resp: 294780

Ion Ratio Lower Upper

99 100

42 31.3 11.0 16.4#

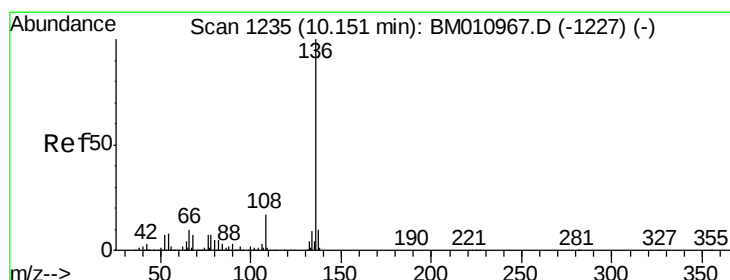
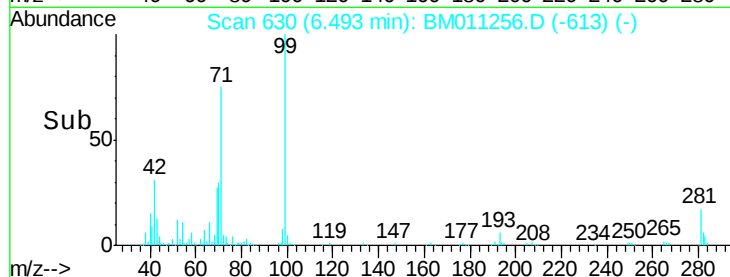
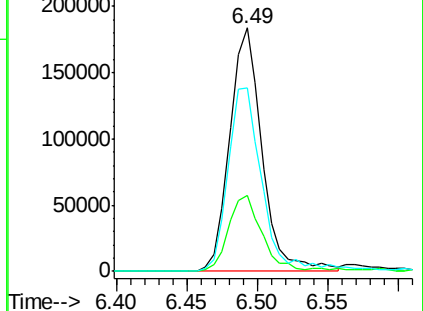
71 75.5 23.4 35.2#



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# 1234

Delta R.T. 0.00 min

Lab File: BM011256.D

Acq: 16 Aug 2017 14:10

Tgt Ion: 136 Resp: 292904

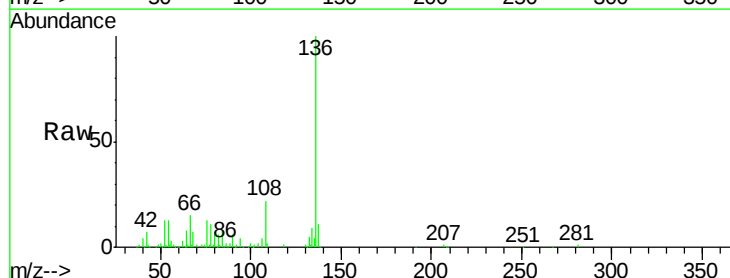
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 12.7 4.6 6.8#

68 7.0 3.7 5.5#

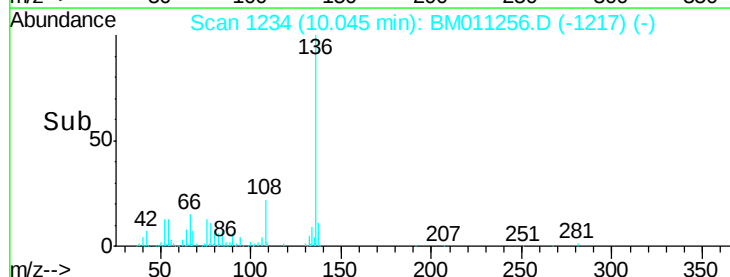
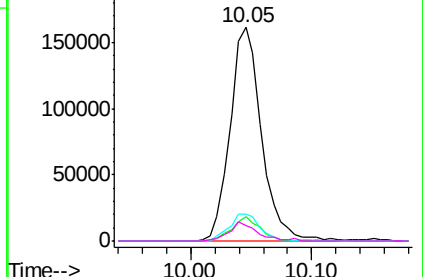


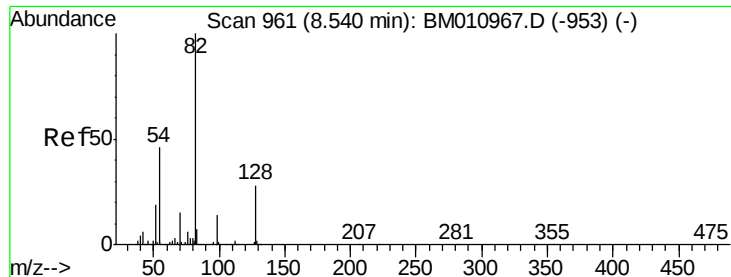
Abundance Ion 136.00 (135.70 to 136.70): BM010967.D (-1227) (-)

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) (-)

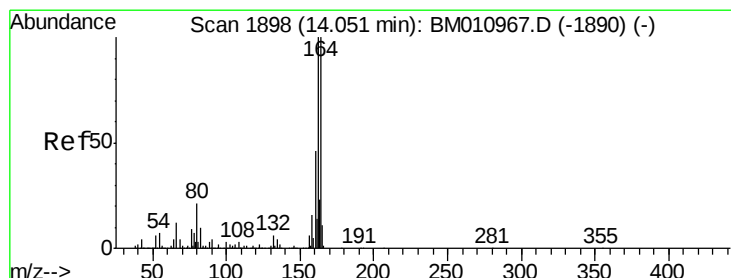
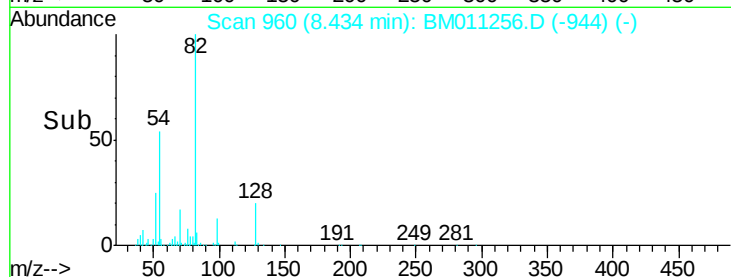
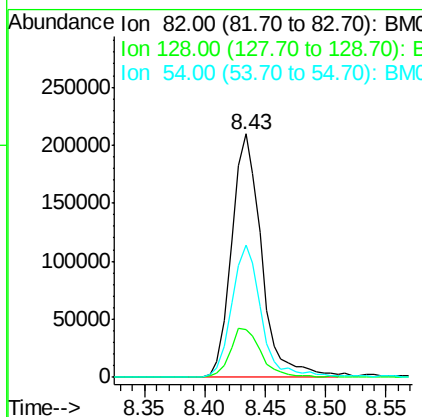
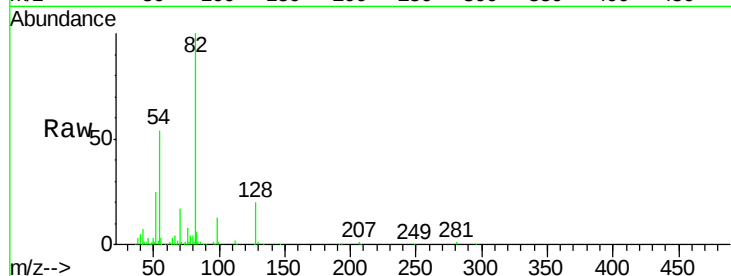




#23
 Nitrobenzene-d5
 Concen: 46.52 ng
 RT: 8.43 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BM011256.D
 Acq: 16 Aug 2017 14:10

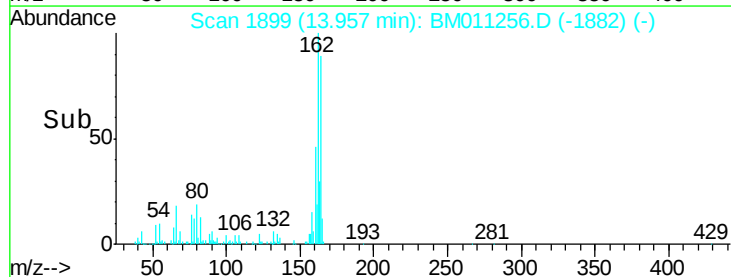
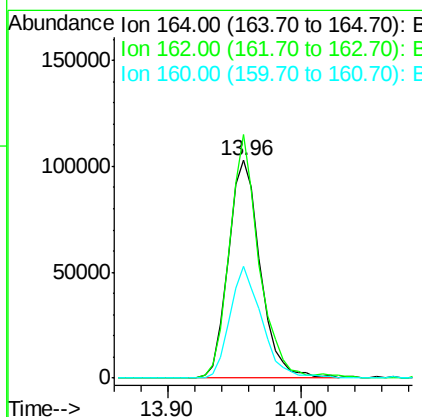
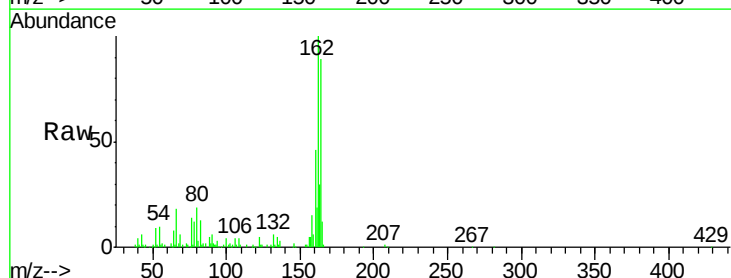
Instrument :
 BNA_M
 ClientSampled :
 SP-1-COMP

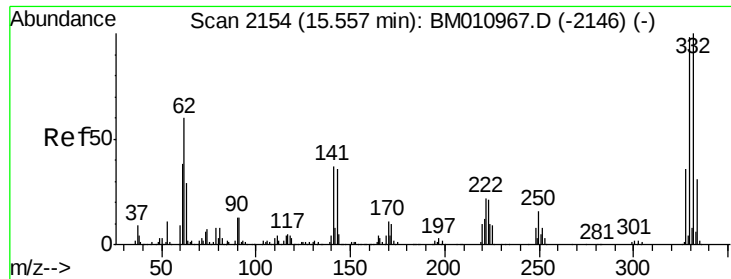
Tot Ion	82	Resp	363039
Ion	Ratio	Lower	Upper
82	100		
128	19.5	32.8	49.2#
54	54.3	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 13.96 min Scan# 1899
 Delta R.T. 0.00 min
 Lab File: BM011256.D
 Acq: 16 Aug 2017 14:10

Tgt Ion	164	Resp	172280
Ion	Ratio	Lower	Upper
164	100		
162	111.9	82.4	123.6
160	51.3	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 45.41 ng

RT: 15.47 min Scan# 2156

Delta R.T. 0.00 min

Lab File: BM011256.D

Acq: 16 Aug 2017 14:10

Instrument :

BNA_M

ClientSampleId :

SP-1-COMP

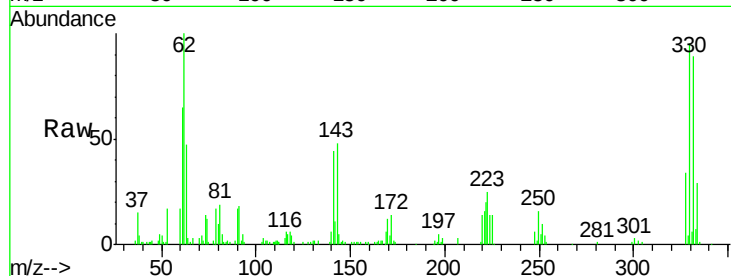
Tot Ion:330 Resp: 125387

Ion Ratio Lower Upper

330 100

332 101.0 0.0 0.0#

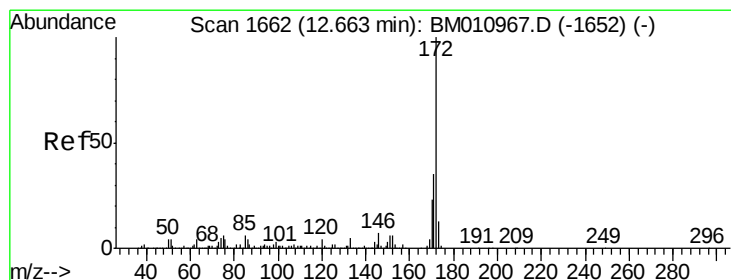
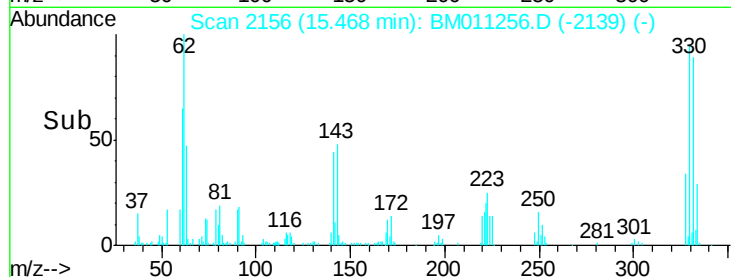
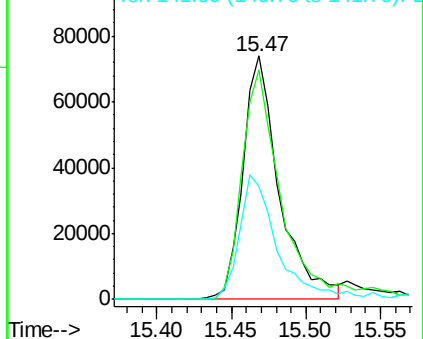
141 52.8 0.0 0.0#



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: 43.67 ng

RT: 12.56 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BM011256.D

Acq: 16 Aug 2017 14:10

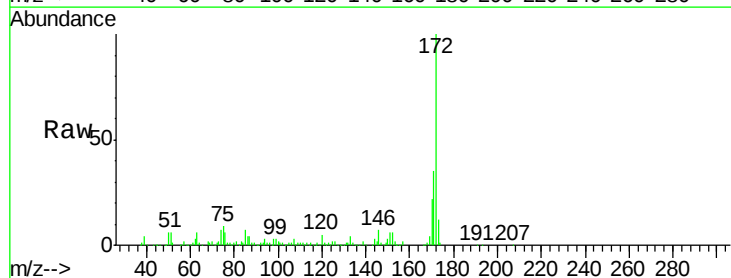
Tgt Ion:172 Resp: 599914

Ion Ratio Lower Upper

172 100

171 34.7 28.5 42.7

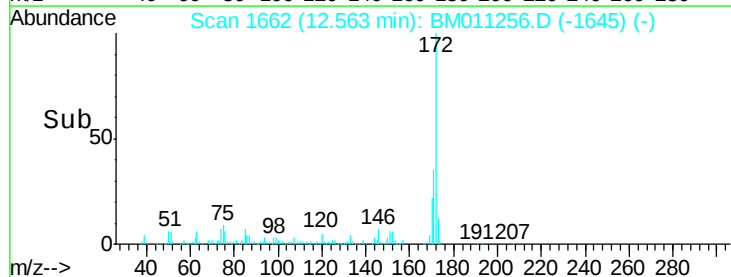
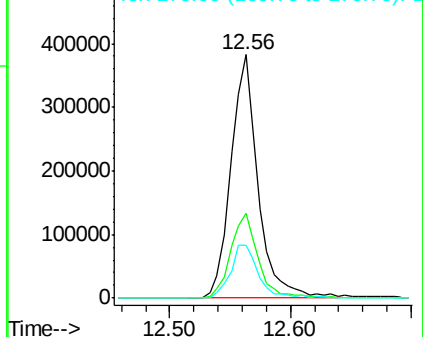
170 21.8 18.8 28.2

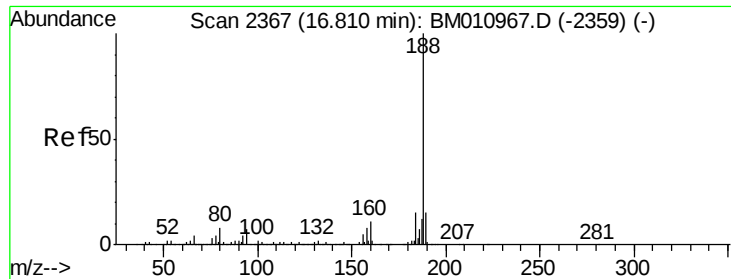


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

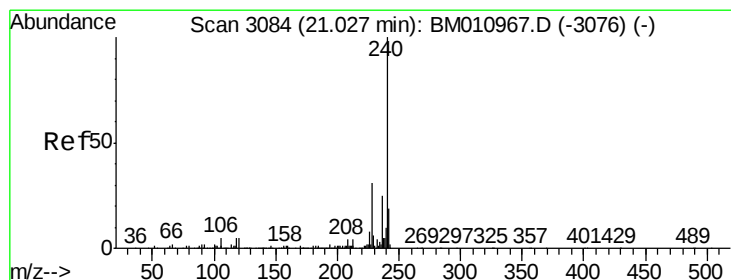
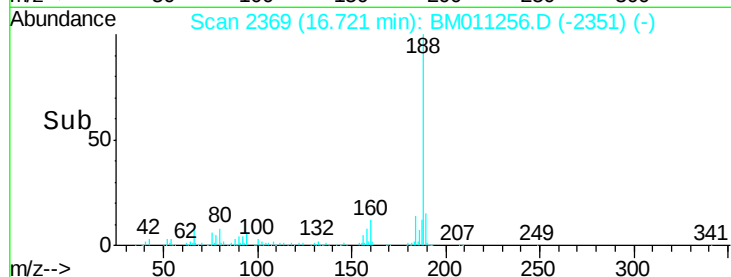
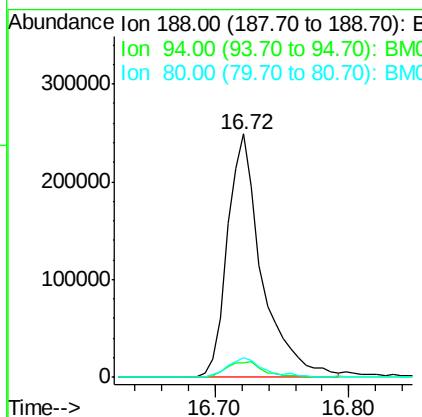
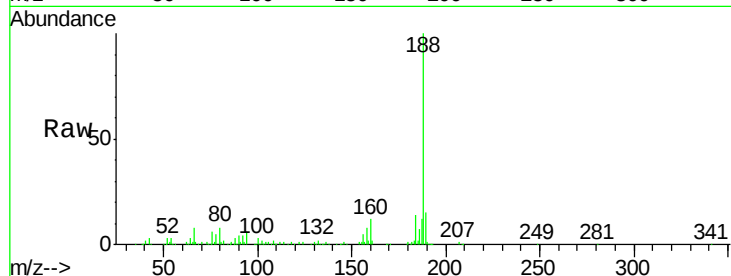




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.72 min Scan# 2369
Delta R.T. 0.01 min
Lab File: BM011256.D
Acq: 16 Aug 2017 14:10

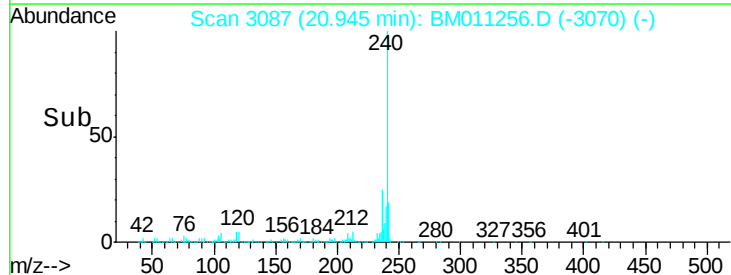
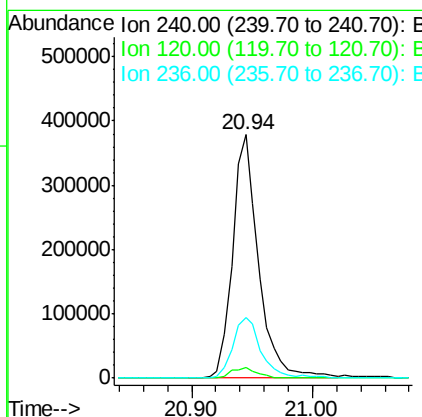
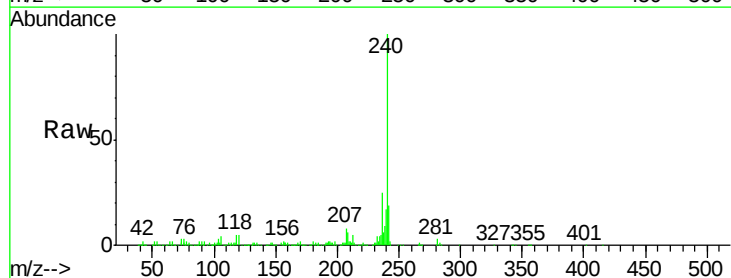
Instrument :
BNA_M
ClientSampleId :
SP-1-COMP

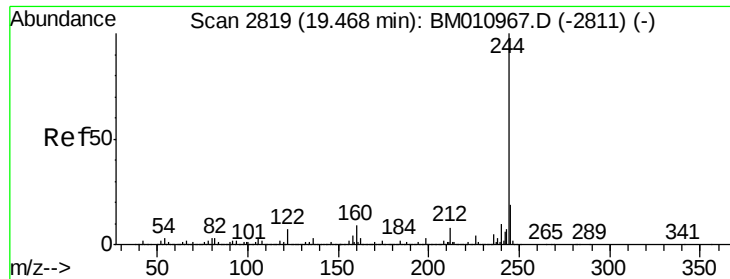
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.7	8.7	13.1#
80	9.4	9.3	13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 20.94 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BM011256.D
Acq: 16 Aug 2017 14:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.5	8.2	12.2#
236	24.7	20.0	30.0





#78

Terphenyl-d14

Concen: 36.93 ng

RT: 19.39 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BM011256.D

Acq: 16 Aug 2017 14:10

Instrument :

BNA_M

ClientSampleId :

SP-1-COMP

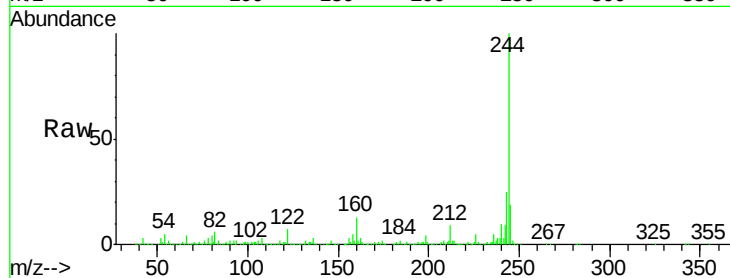
Tot Ion:244 Resp: 1057952

Ion Ratio Lower Upper

244 100

212 9.0 4.9 7.3#

122 6.6 6.2 9.4



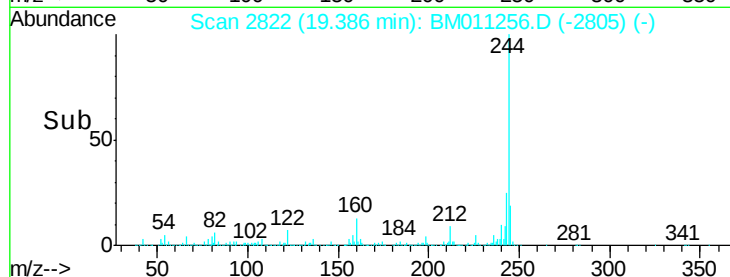
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

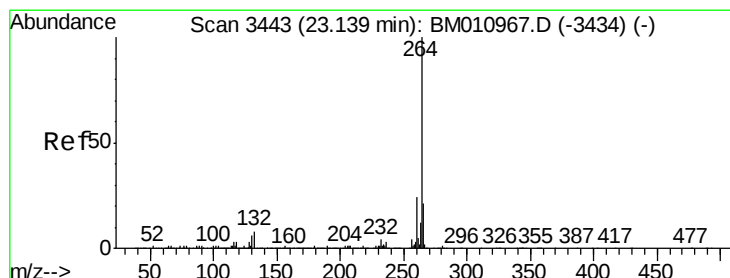
Ion 122.00 (121.70 to 122.70): E

19.39

Time-->



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.02 min Scan# 3440

Delta R.T. 0.00 min

Lab File: BM011256.D

Acq: 16 Aug 2017 14:10

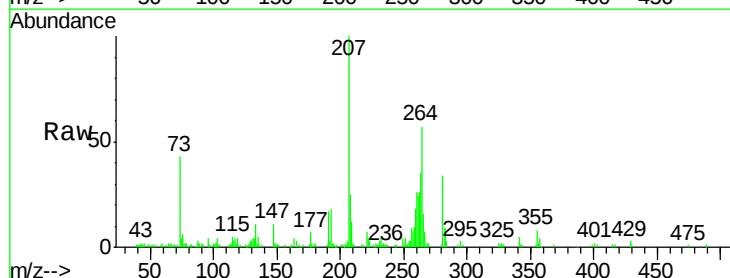
Tgt Ion:264 Resp: 95646

Ion Ratio Lower Upper

264 100

260 45.9 18.6 27.8#

265 28.7 17.3 25.9#



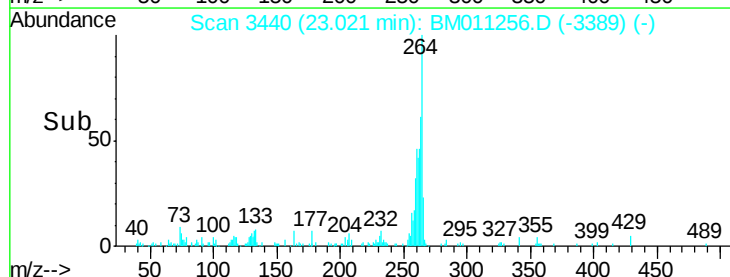
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

23.02

Time-->



Time-->