

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040517\
 Data File : BM009544.D
 Acq On : 04 Apr 2017 23:51
 Operator : SJ/MA
 Sample : I2495-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LSS-SP02-COMP

Quant Time: Apr 05 02:19:53 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 12:10:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	100007	20.00	ng	-0.02
21) Naphthalene-d8	10.64	136	368396	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	190365	20.00	ng	-0.02
63) Phenanthrene-d10	17.23	188	475852	20.00	ng	-0.02
75) Chrysene-d12	21.41	240	633283	20.00	ng	-0.02
86) Perylene-d12	23.73	264	331805	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	988953	164.83	ng	-0.01
7) Phenol-d6	7.00	99	1218608	148.94	ng	-0.02
23) Nitrobenzene-d5	9.01	82	1039266	105.77	ng	-0.02
41) 2,4,6-Tribromophenol	15.98	330	436462	184.56	ng	-0.02
44) 2-Fluorobiphenyl	13.10	172	1751205	110.85	ng	-0.02
78) Terphenyl-d14	19.86	244	2926575	96.57	ng	-0.01

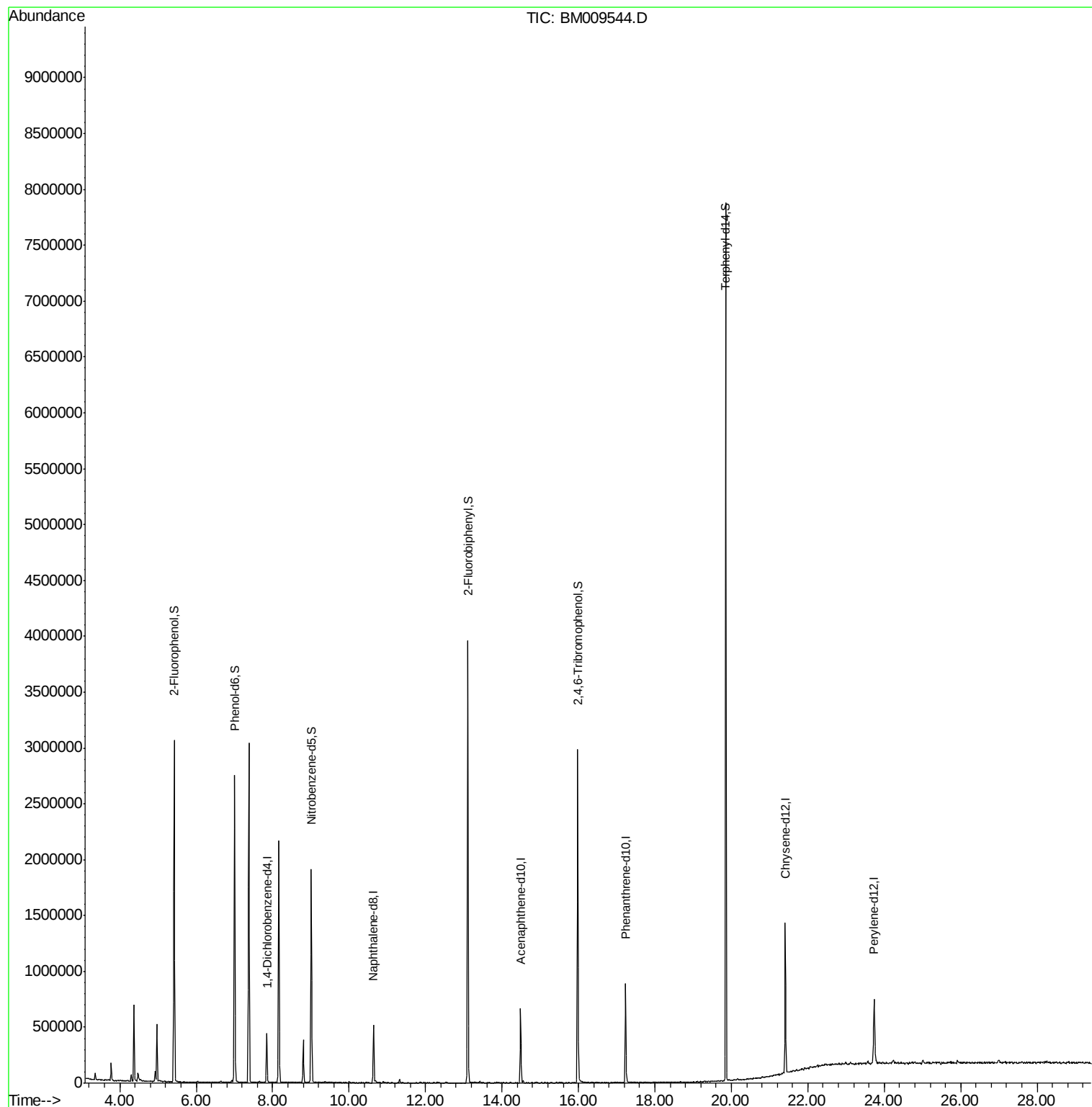
Target Compounds Qvalue

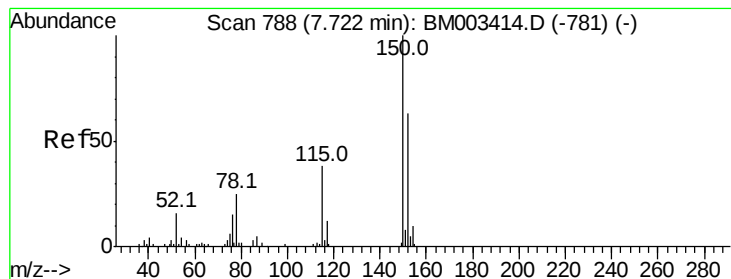
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.85 min Scan# 809

Delta R.T. -0.02 min

Lab File: BM009544.D

Acq: 04 Apr 2017 23:51

Instrument :

BNA_M

ClientSampleId :

LSS-SP02-COMP

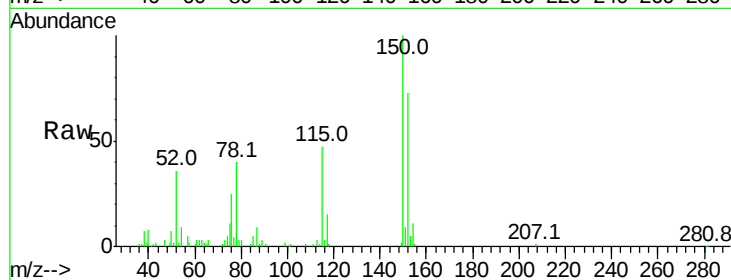
Tot Ion:152 Resp: 100007

Ion Ratio Lower Upper

152 100

150 137.9 119.5 179.3

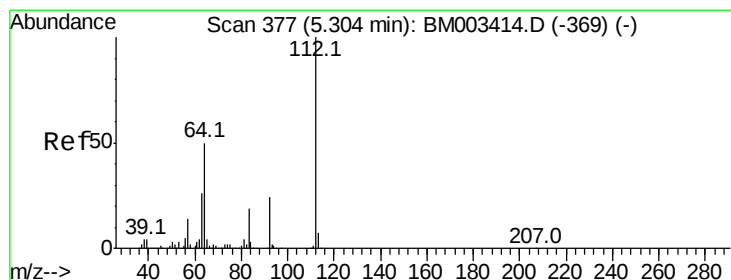
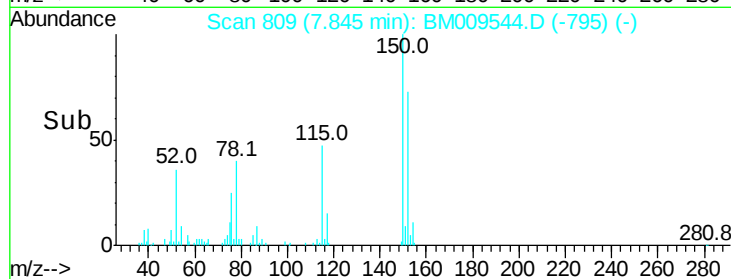
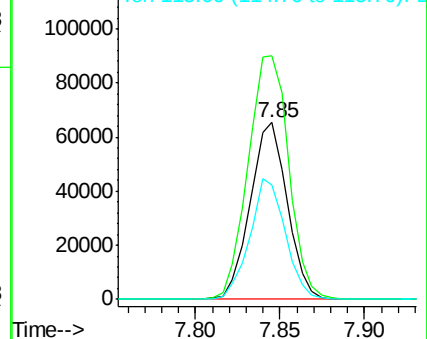
115 64.7 43.0 64.4#



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: 164.83 ng

RT: 5.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BM009544.D

Acq: 04 Apr 2017 23:51

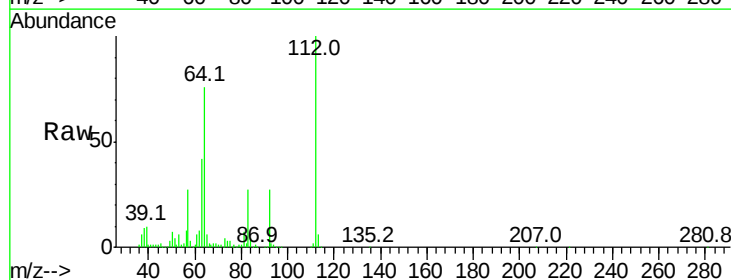
Tgt Ion:112 Resp: 988953

Ion Ratio Lower Upper

112 100

64 75.5 38.6 57.8#

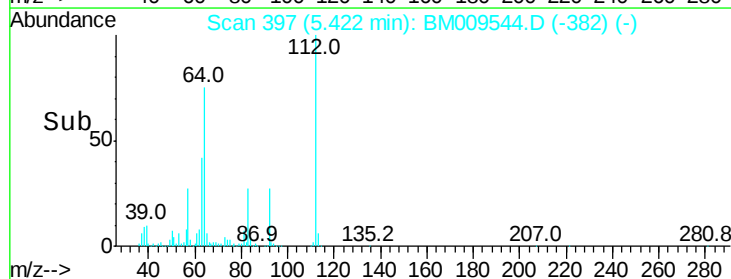
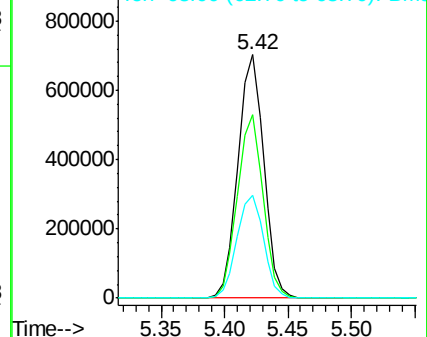
63 42.0 19.3 28.9#

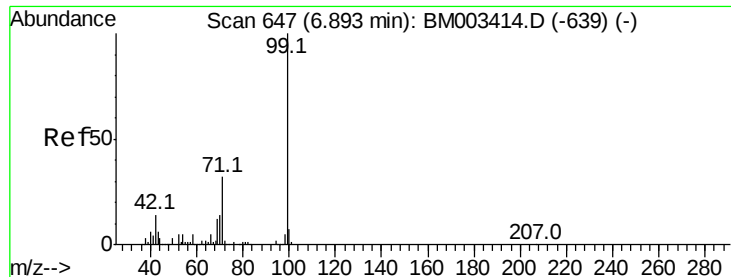


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 148.94 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009544.D

Acq: 04 Apr 2017 23:51

Instrument :

BNA_M

ClientSampleId :

LSS-SP02-COMP

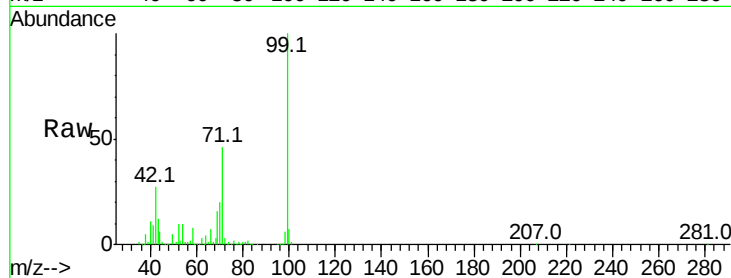
Tot Ion: 99 Resp: 1218608

Ion Ratio Lower Upper

99 100

42 26.7 11.0 16.4#

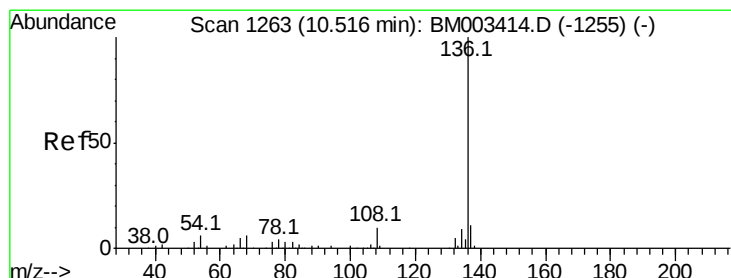
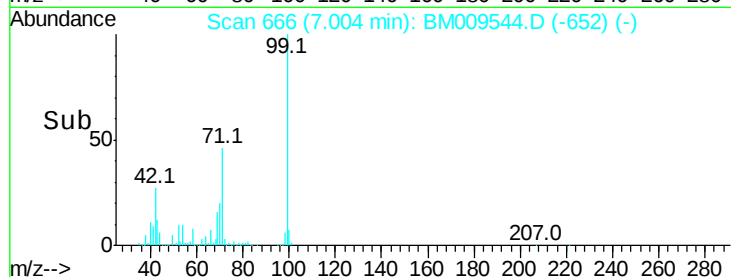
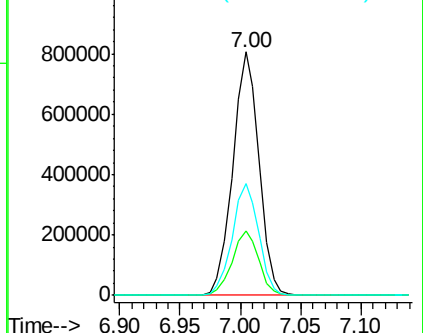
71 45.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM003414.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM003414.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM003414.D (-639) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BM009544.D

Acq: 04 Apr 2017 23:51

Tgt Ion: 136 Resp: 368396

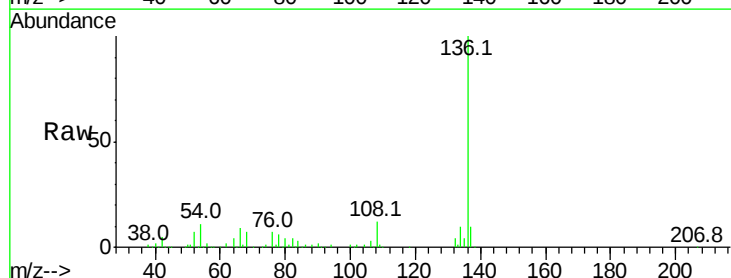
Ion Ratio Lower Upper

136 100

137 10.1 8.7 13.1

54 11.0 4.6 6.8#

68 7.0 3.7 5.5#

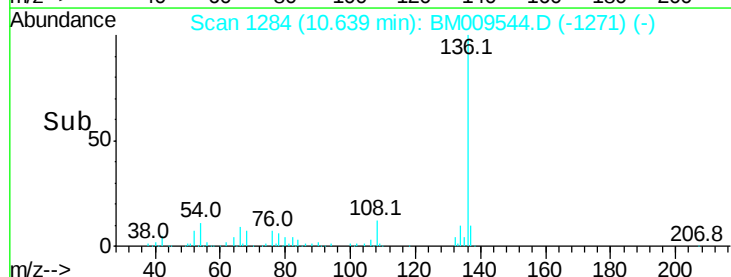
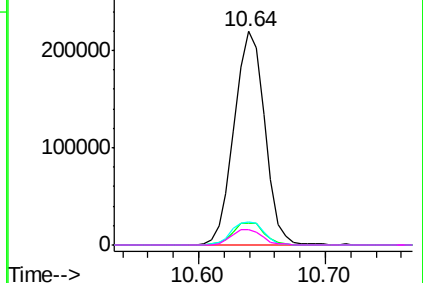


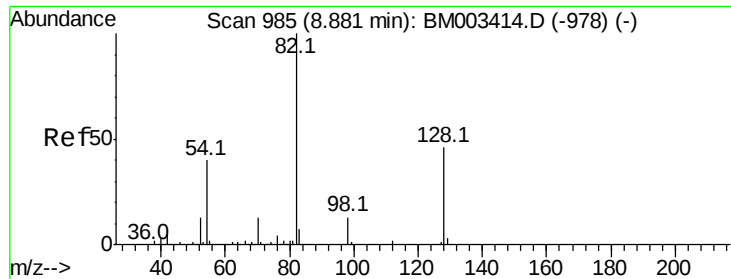
Abundance Ion 136.00 (135.70 to 136.70): BM003414.D (-1255) (-)

Ion 137.00 (136.70 to 137.70): BM003414.D (-1255) (-)

Ion 54.00 (53.70 to 54.70): BM003414.D (-1255) (-)

Ion 68.00 (67.70 to 68.70): BM003414.D (-1255) (-)

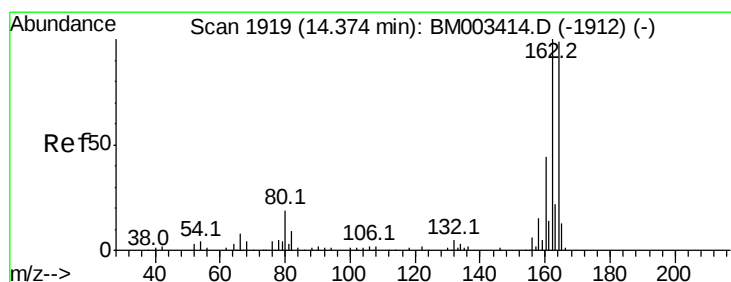
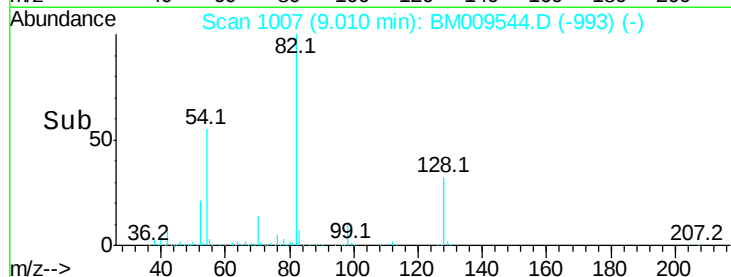
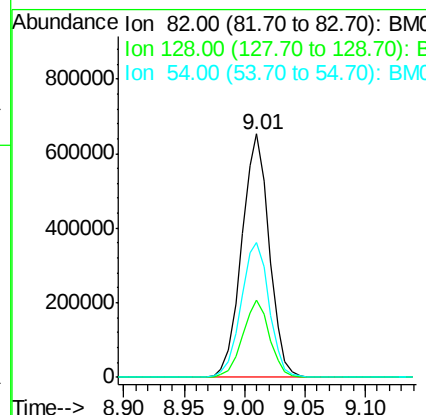
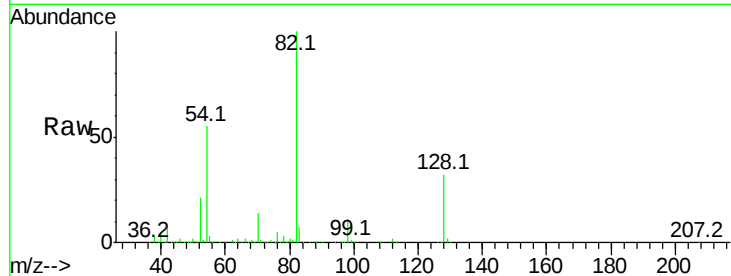




#23
 Nitrobenzene-d5
 Concen: 105.77 ng
 RT: 9.01 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BM009544.D
 Acq: 04 Apr 2017 23:51

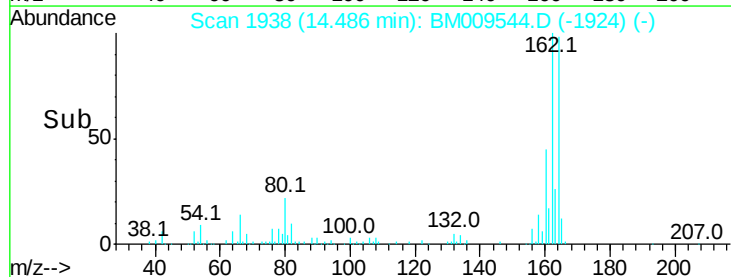
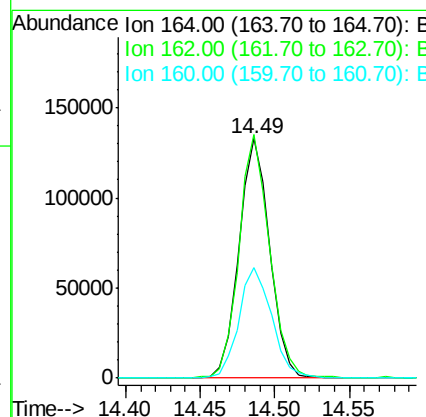
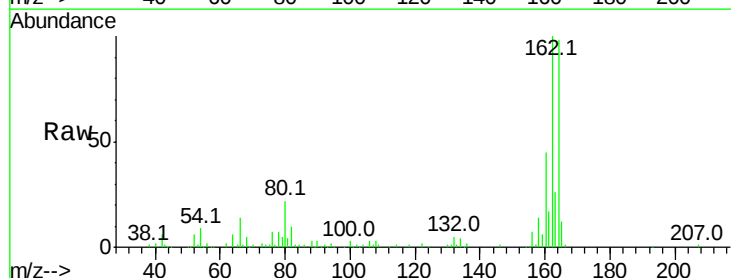
Instrument :
 BNA_M
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 LSS-SP02-COMP

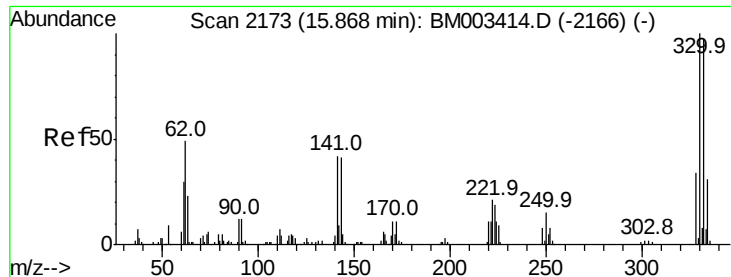
Tot Ion: 82 Resp: 1039266
 Ion Ratio Lower Upper
 82 100
 128 31.5 32.8 49.2#
 54 55.2 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.49 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BM009544.D
 Acq: 04 Apr 2017 23:51

Tgt Ion:164 Resp: 190365
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.4 123.6
 160 46.2 35.8 53.6

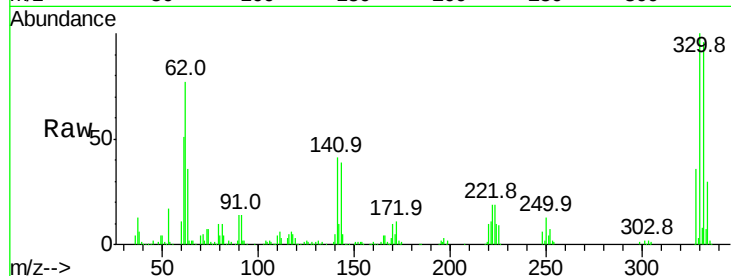




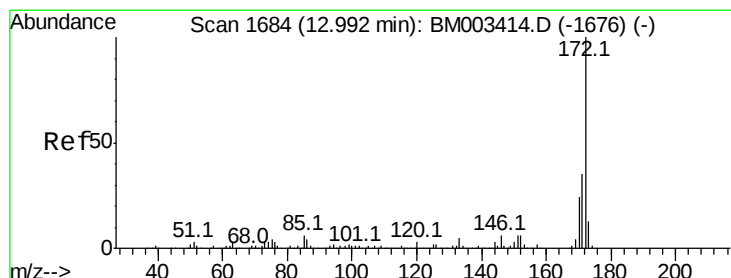
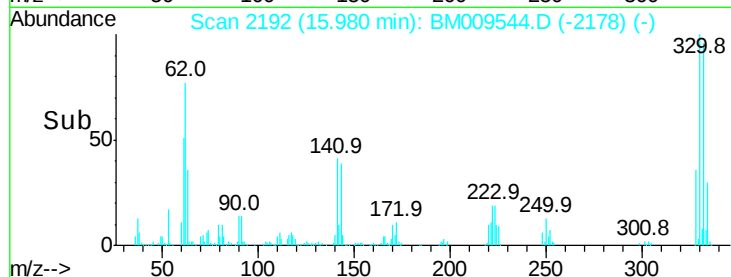
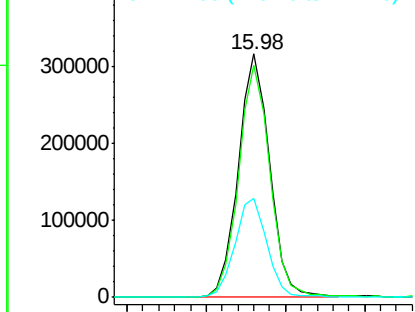
#41
 2,4,6-Tribromophenol
 Concen: 184.56 ng
 RT: 15.98 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BM009544.D
 Acq: 04 Apr 2017 23:51

Instrument :
 BNA_M
 ClientSampleId :
 LSS-SP02-COMP

Tot Ion:330 Resp: 436462
 Ion Ratio Lower Upper
 330 100
 332 95.1 0.0 0.0#
 141 41.8 0.0 0.0#

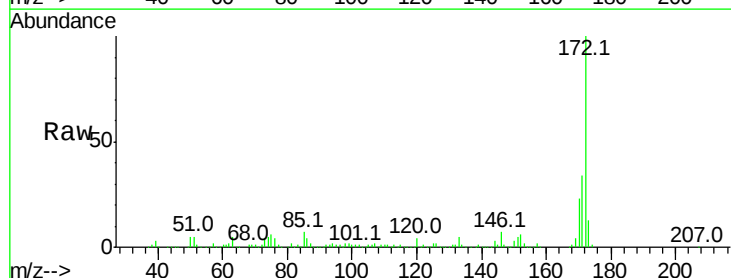


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

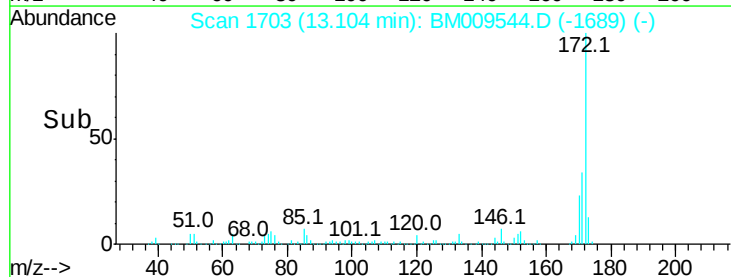
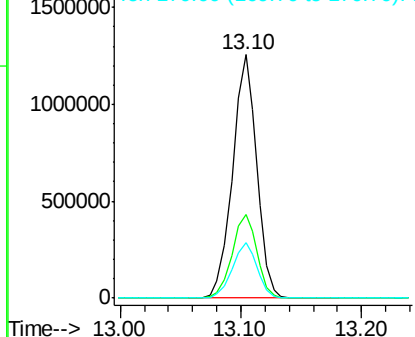


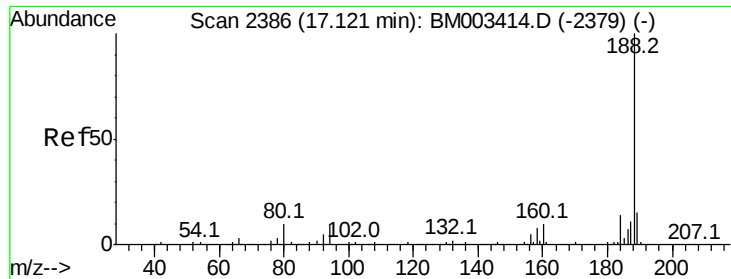
#44
 2-Fluorobiphenyl
 Concen: 110.85 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BM009544.D
 Acq: 04 Apr 2017 23:51

Tgt Ion:172 Resp: 1751205
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.5 42.7
 170 22.8 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

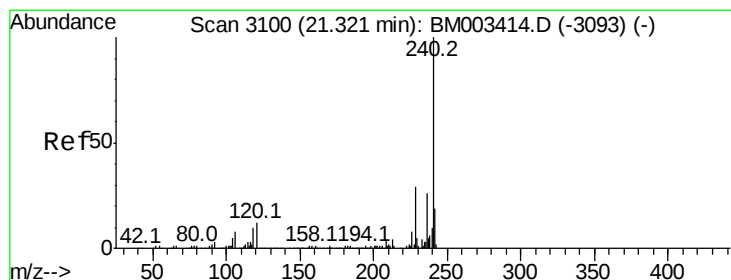
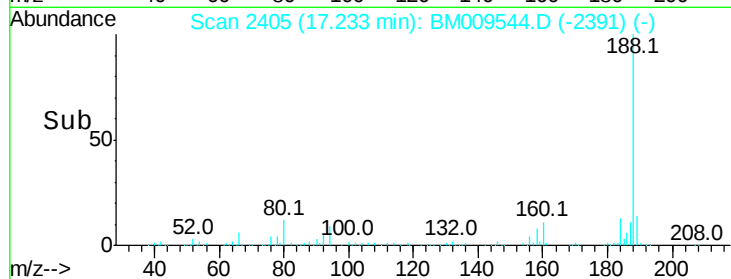
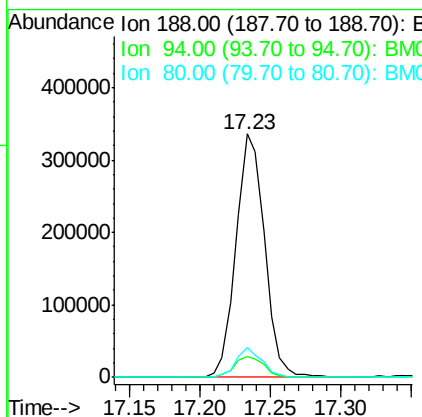
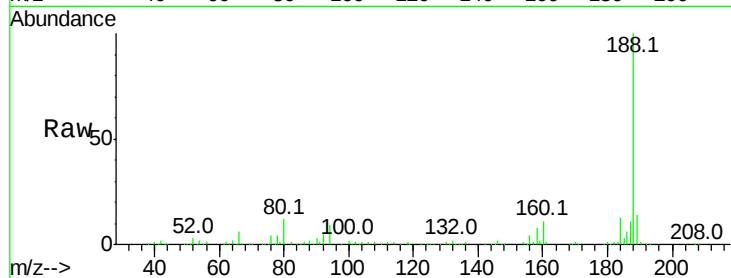




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.23 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BM009544.D
Acq: 04 Apr 2017 23:51

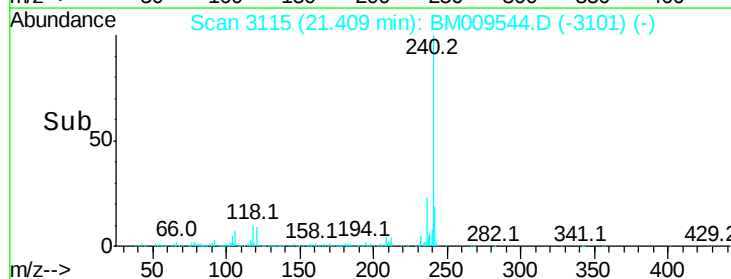
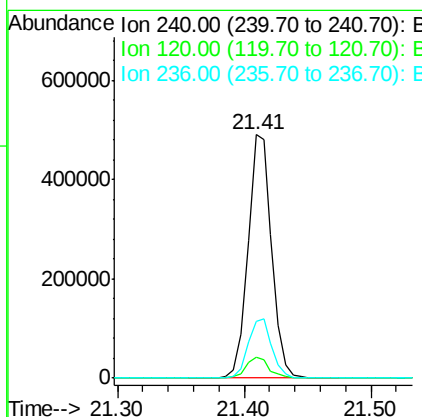
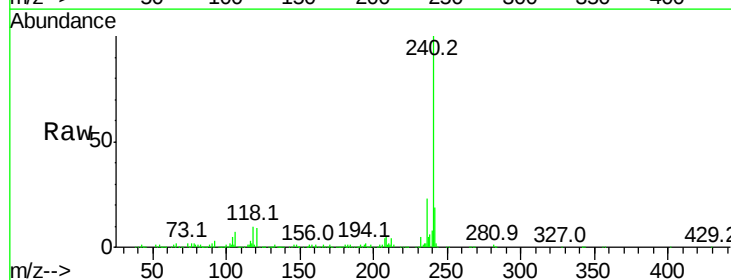
Instrument :
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LSS-SP02-COMP

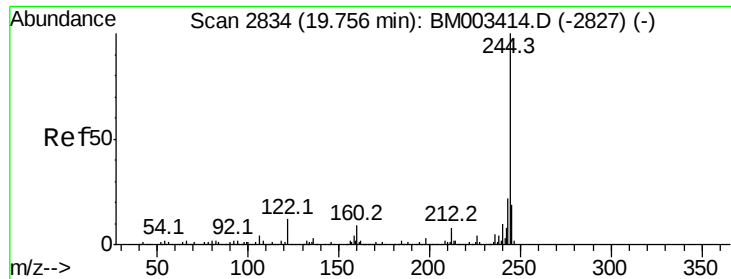
Tot Ion:188 Resp: 475852
Ion Ratio Lower Upper
188 100
94 8.7 8.7 13.1#
80 12.1 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.41 min Scan# 3115
Delta R.T. -0.02 min
Lab File: BM009544.D
Acq: 04 Apr 2017 23:51

Tgt Ion:240 Resp: 633283
Ion Ratio Lower Upper
240 100
120 8.7 8.2 12.2
236 23.4 20.0 30.0

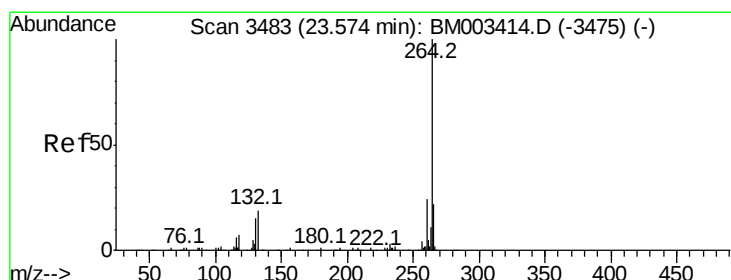
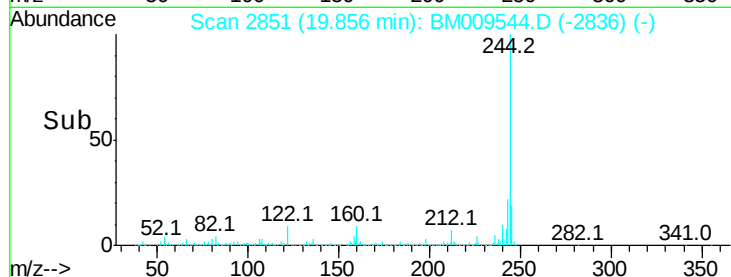
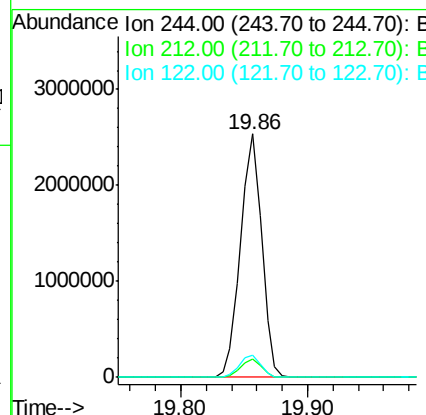
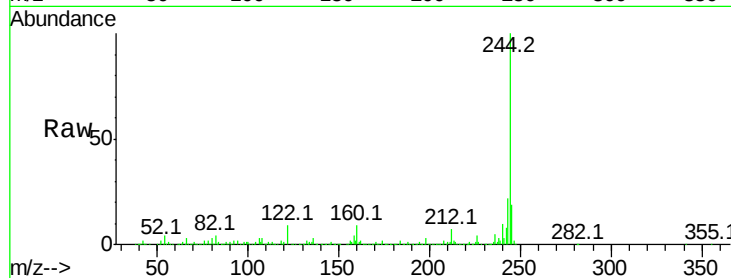




#78
 Terphenyl-d14
 Concen: 96.57 ng
 RT: 19.86 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BM009544.D
 Acq: 04 Apr 2017 23:51

Instrument :
 BNA_M
 ClientSampleId :
 LSS-SP02-COMP

Tot Ion:244 Resp: 2926575
 Ion Ratio Lower Upper
 244 100
 212 7.5 4.9 7.3#
 122 9.3 6.2 9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.73 min Scan# 3510
 Delta R.T. -0.02 min
 Lab File: BM009544.D
 Acq: 04 Apr 2017 23:51

Tgt Ion:264 Resp: 331805
 Ion Ratio Lower Upper
 264 100
 260 27.9 18.6 27.8#
 265 21.3 17.3 25.9

