

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040517\
 Data File : BM009543.D
 Acq On : 04 Apr 2017 23:15
 Operator : SJ/MA
 Sample : I2495-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LSS-SP01-COMP

Quant Time: Apr 05 02:19:44 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

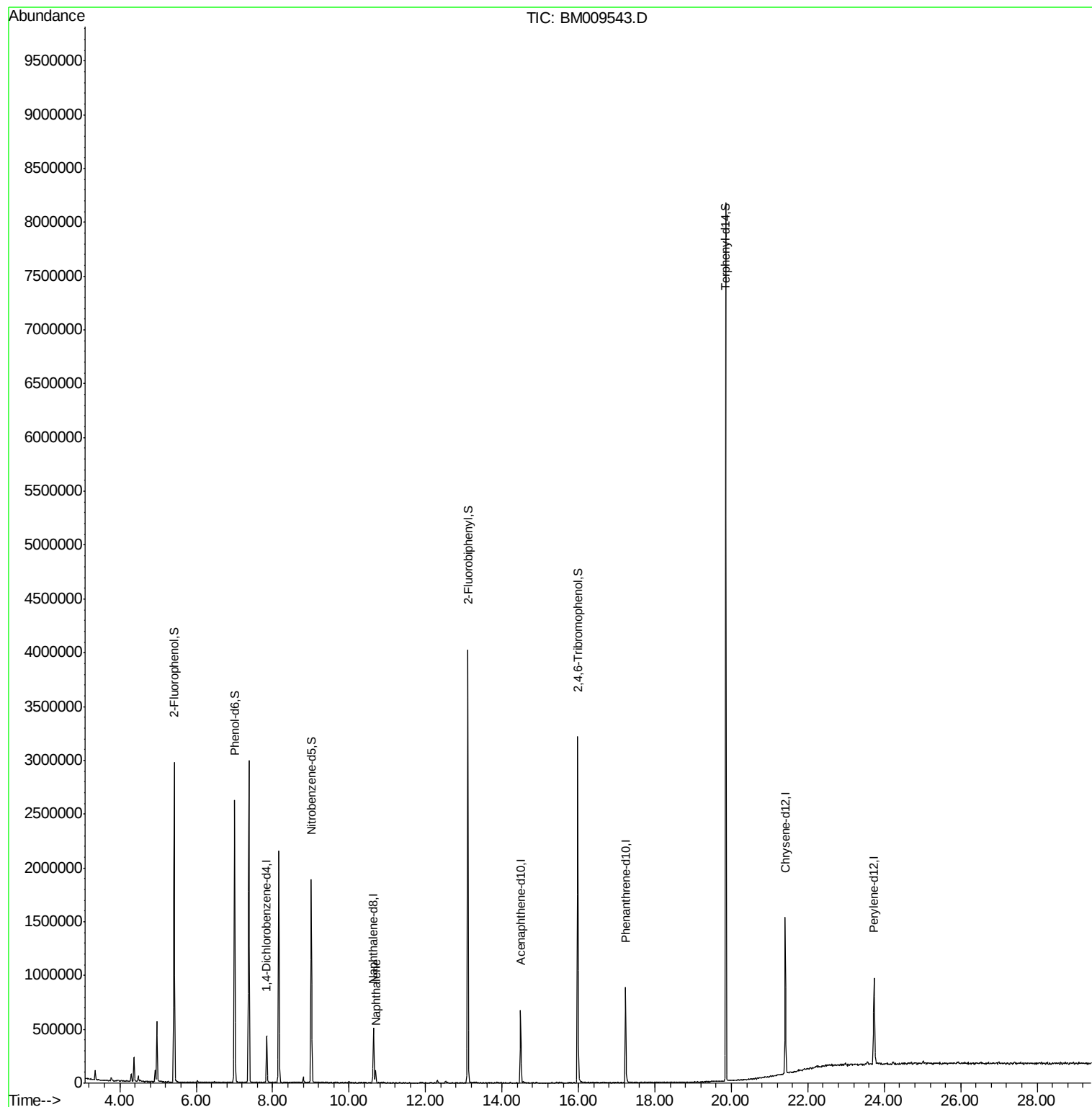
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	97228	20.00	ng	-0.02
21) Naphthalene-d8	10.64	136	348998	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	203862	20.00	ng	-0.02
63) Phenanthrene-d10	17.23	188	489782	20.00	ng	-0.02
75) Chrysene-d12	21.41	240	676846	20.00	ng	-0.02
86) Perylene-d12	23.73	264	574479	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	952037	163.21	ng	-0.01
7) Phenol-d6	7.00	99	1208963	151.99	ng	-0.02
23) Nitrobenzene-d5	9.01	82	1028423	110.49	ng	-0.02
41) 2,4,6-Tribromophenol	15.98	330	459109	181.28	ng	-0.02
44) 2-Fluorobiphenyl	13.10	172	1805117	106.69	ng	-0.02
78) Terphenyl-d14	19.86	244	3154626	97.39	ng	-0.01
Target Compounds						
31) Naphthalene	10.69	128	78296	4.23	ng	Qvalue 97

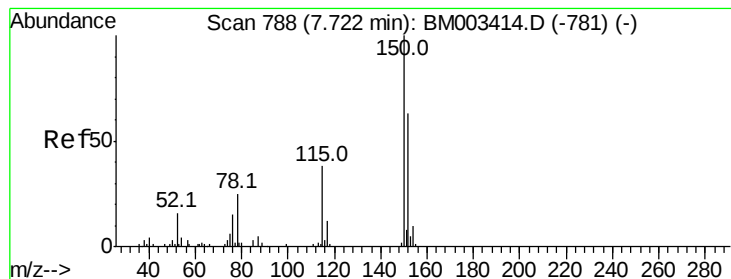
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040517\
Data File : BM009543.D
Acq On : 04 Apr 2017 23:15
Operator : SJ/MA
Sample : I2495-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LSS-SP01-COMP

Quant Time: Apr 05 02:19:44 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.84 min Scan# 808

Delta R.T. -0.02 min

Lab File: BM009543.D

Acq: 04 Apr 2017 23:15

Instrument :

BNA_M

ClientSampleId :

LSS-SP01-COMP

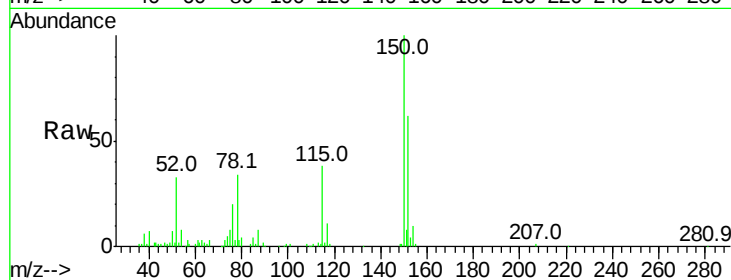
Tot Ion:152 Resp: 97228

Ion Ratio Lower Upper

152 100

150 162.0 119.5 179.3

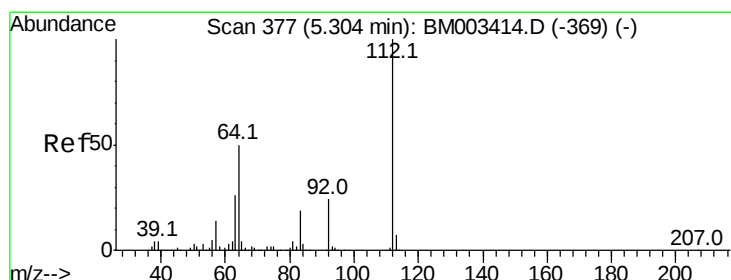
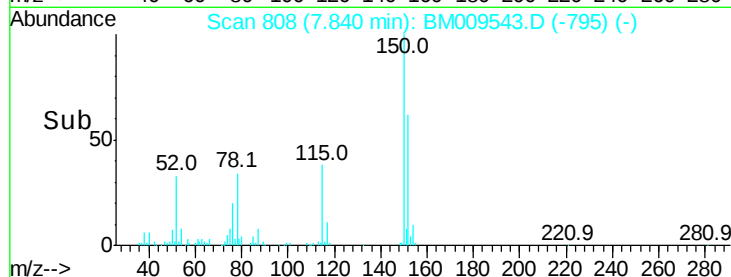
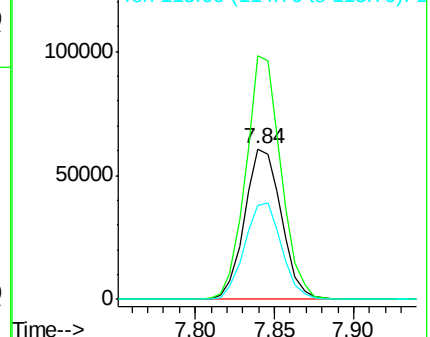
115 62.2 43.0 64.4



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: 163.21 ng

RT: 5.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BM009543.D

Acq: 04 Apr 2017 23:15

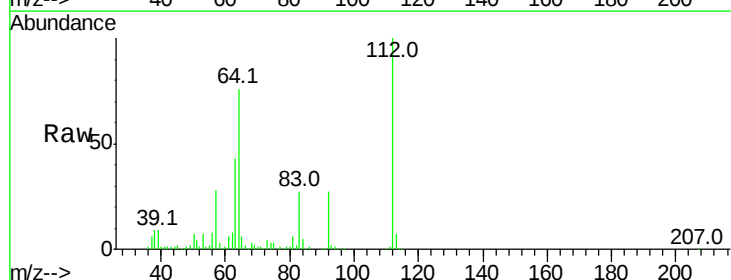
Tgt Ion:112 Resp: 952037

Ion Ratio Lower Upper

112 100

64 76.3 38.6 57.8#

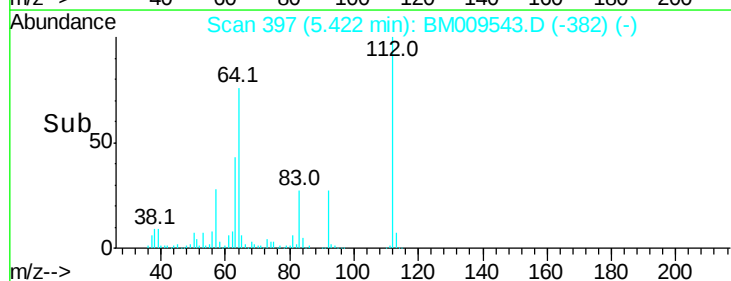
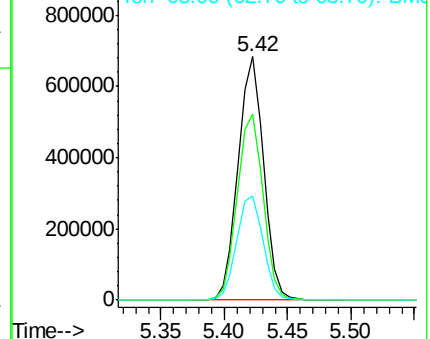
63 42.9 19.3 28.9#

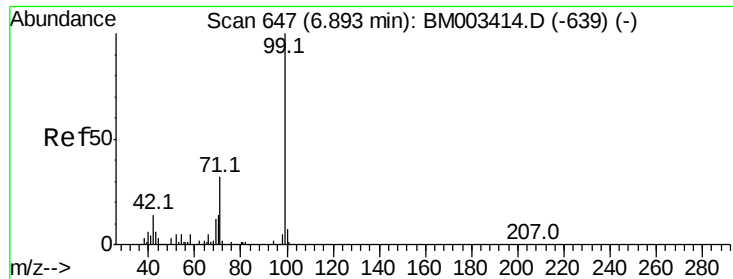


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 151.99 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009543.D

Acq: 04 Apr 2017 23:15

Instrument :

BNA_M

ClientSampleId :

LSS-SP01-COMP

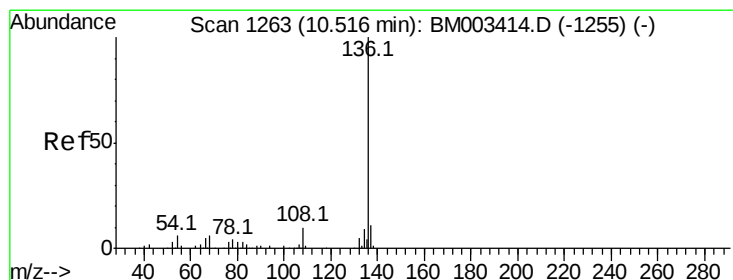
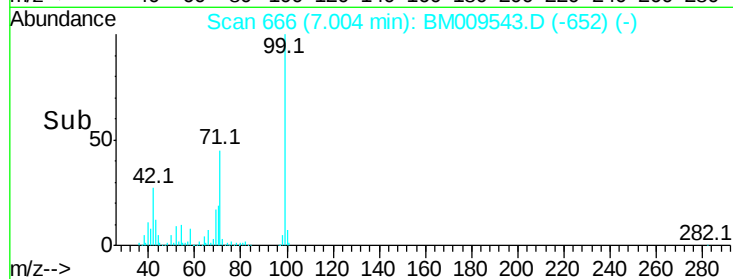
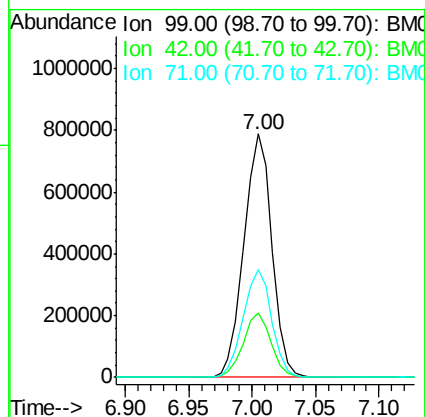
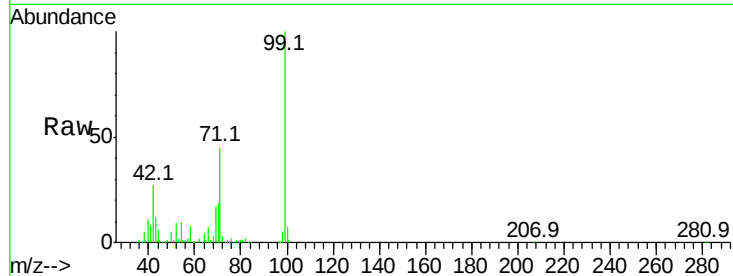
Tot Ion: 99 Resp: 1208963

Ion Ratio Lower Upper

99 100

42 26.7 11.0 16.4#

71 44.6 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BM009543.D

Acq: 04 Apr 2017 23:15

Tgt Ion: 136 Resp: 348998

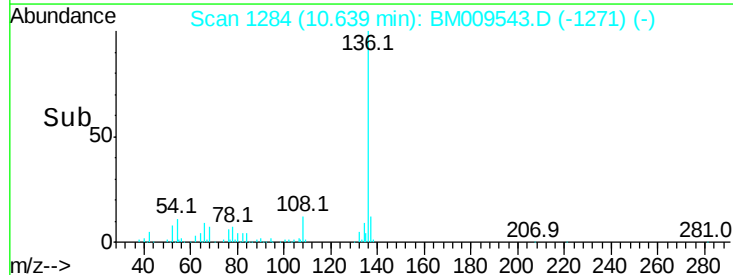
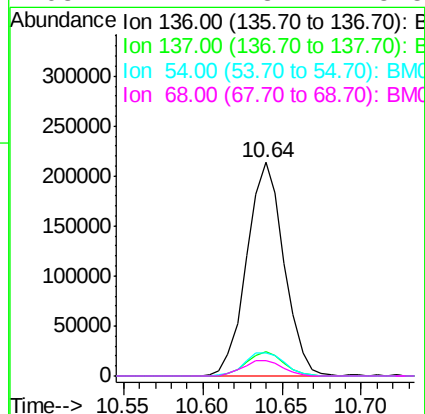
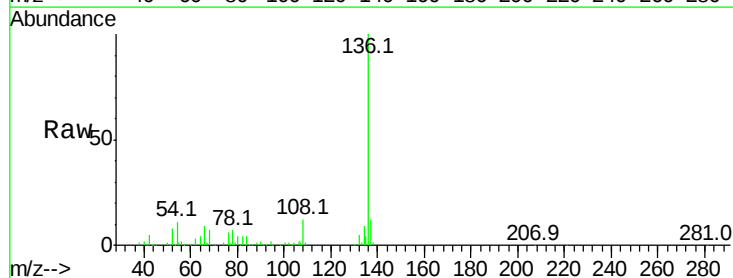
Ion Ratio Lower Upper

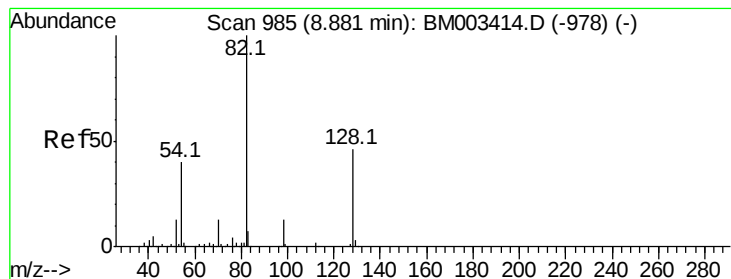
136 100

137 11.5 8.7 13.1

54 11.1 4.6 6.8#

68 7.4 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 110.49 ng

RT: 9.01 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BM009543.D

Acq: 04 Apr 2017 23:15

Instrument :

BNA_M

ClientSampleId :

LSS-SP01-COMP

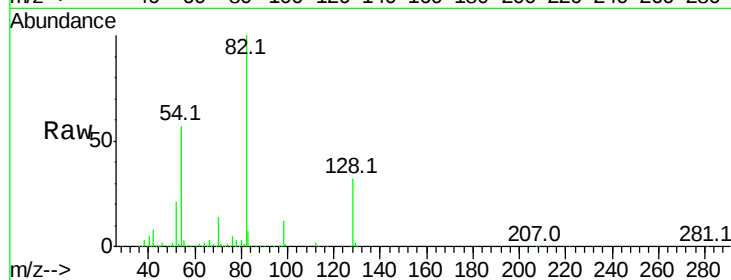
Tot Ion: 82 Resp: 1028423

Ion Ratio Lower Upper

82 100

128 31.6 32.8 49.2#

54 57.3 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM003414.D (-978) (-)

Ion 128.00 (127.70 to 128.70): BM003414.D (-978) (-)

Ion 54.00 (53.70 to 54.70): BM003414.D (-978) (-)

800000

600000

400000

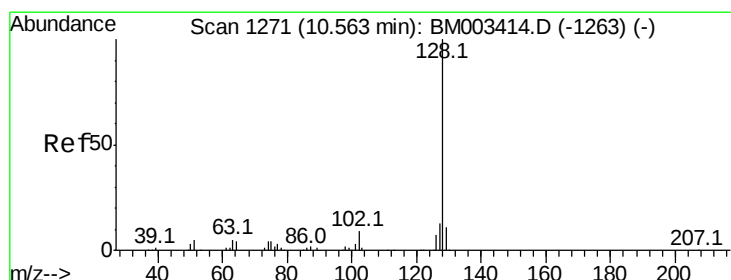
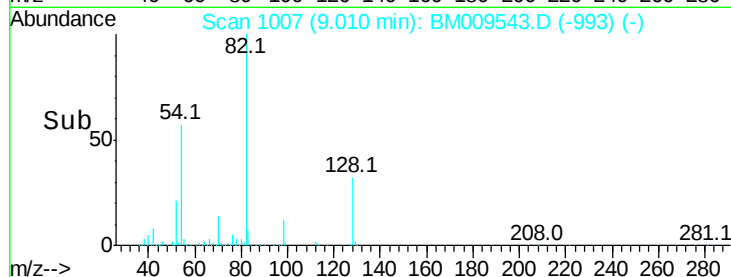
200000

0

9.01

8.90 8.95 9.00 9.05 9.10

Time-->



#31

Naphthalene

Concen: 4.23 ng

RT: 10.69 min Scan# 1293

Delta R.T. -0.02 min

Lab File: BM009543.D

Acq: 04 Apr 2017 23:15

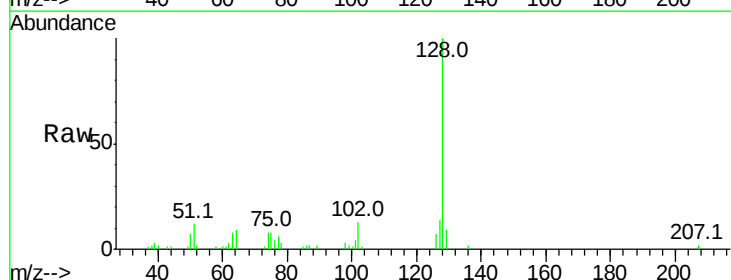
Tgt Ion:128 Resp: 78296

Ion Ratio Lower Upper

128 100

129 9.4 8.9 13.3

127 13.7 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): BM003414.D (-1263) (-)

Ion 129.00 (128.70 to 129.70): BM003414.D (-1263) (-)

Ion 127.00 (126.70 to 127.70): BM003414.D (-1263) (-)

60000

50000

40000

30000

20000

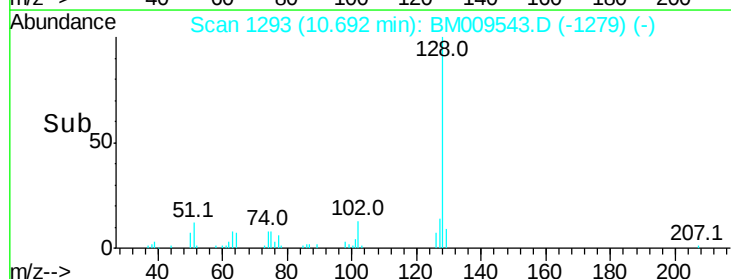
10000

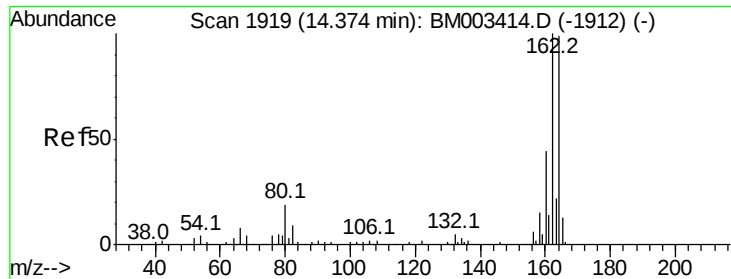
0

10.69

10.60 10.65 10.70 10.75

Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.49 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BM009543.D

Acq: 04 Apr 2017 23:15

Instrument :

BNA_M

ClientSampleId :

LSS-SP01-COMP

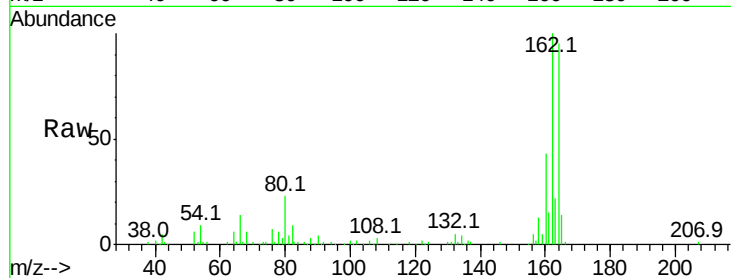
Tot Ion:164 Resp: 203862

Ion Ratio Lower Upper

164 100

162 105.3 82.4 123.6

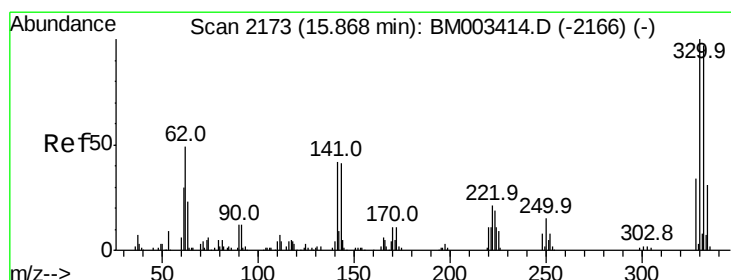
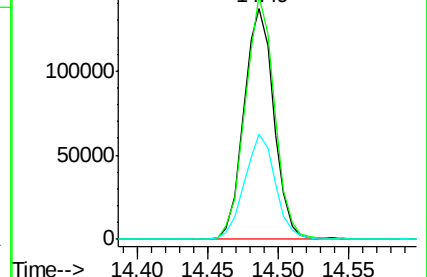
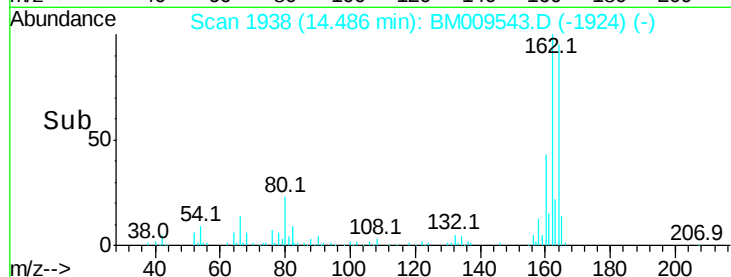
160 45.7 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 181.28 ng

RT: 15.98 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BM009543.D

Acq: 04 Apr 2017 23:15

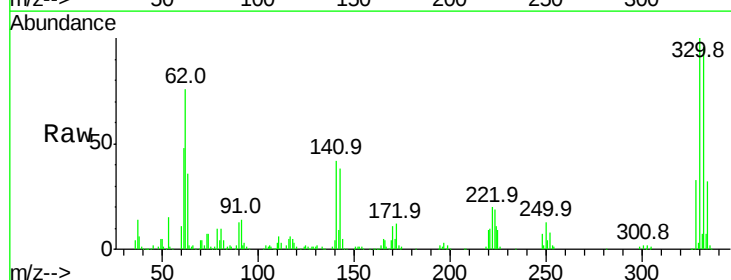
Tgt Ion:330 Resp: 459109

Ion Ratio Lower Upper

330 100

332 96.4 0.0 0.0#

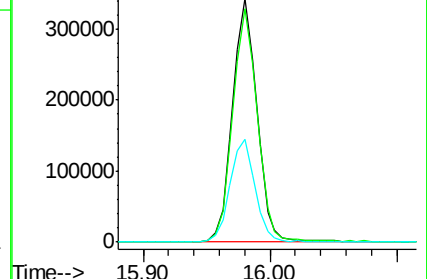
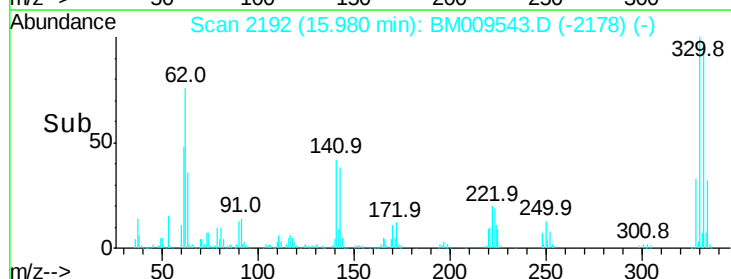
141 43.4 0.0 0.0#

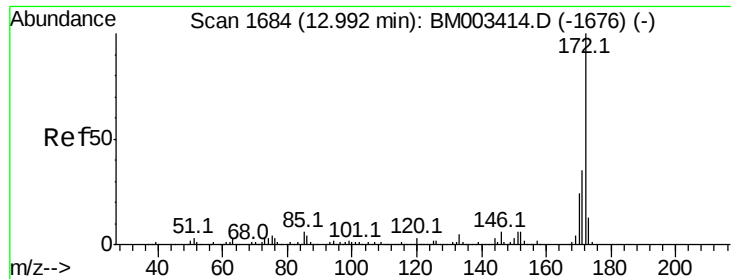


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

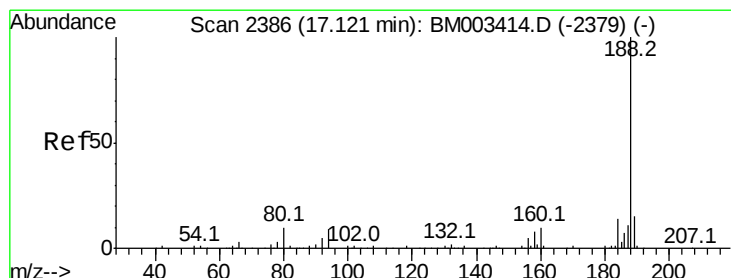
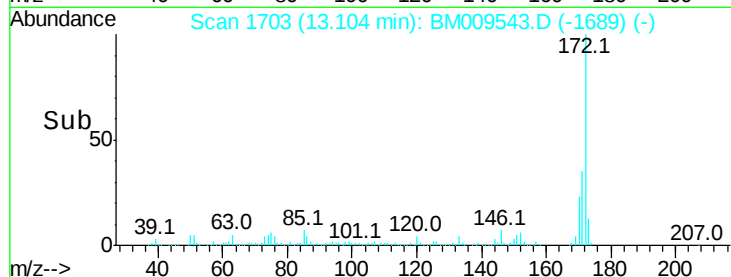
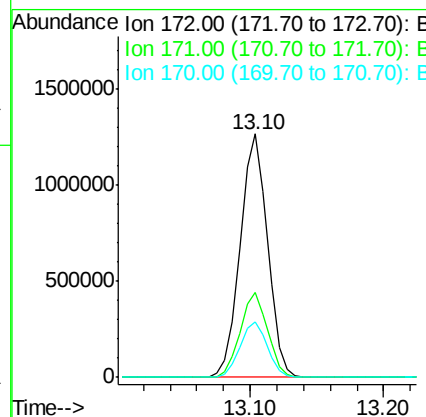
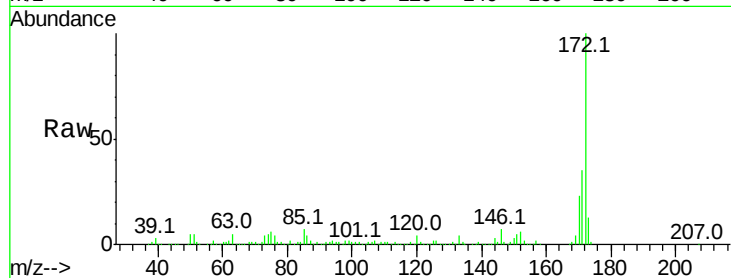




#44
2-Fluorobiphenyl
Concen: 106.69 ng
RT: 13.10 min Scan# 1703
Delta R.T. -0.02 min
Lab File: BM009543.D
Acq: 04 Apr 2017 23:15

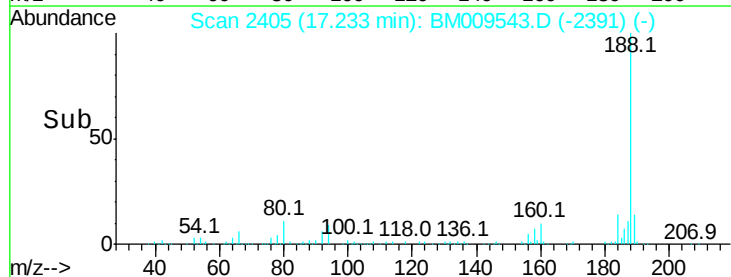
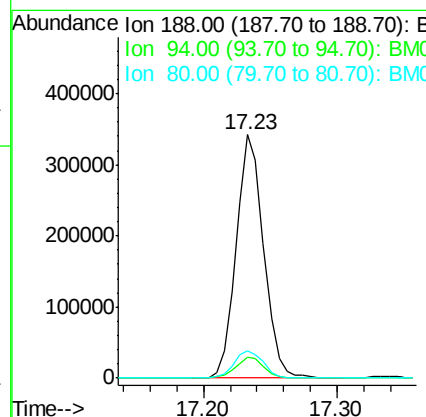
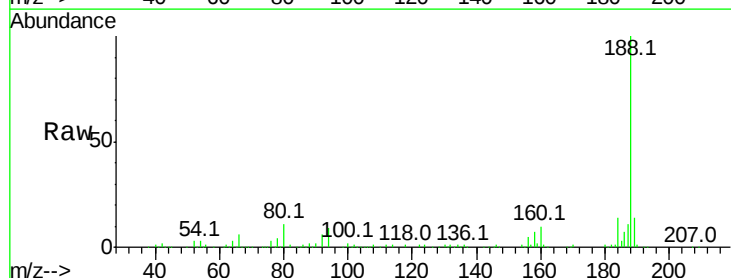
Instrument :
BNA_M
ClientSampleId :
LSS-SP01-COMP

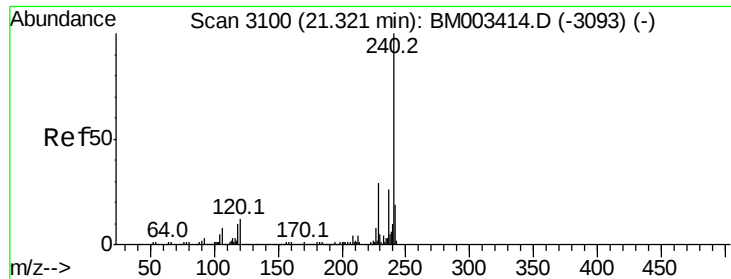
Tot Ion:172 Resp: 1805117
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 22.6 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.23 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BM009543.D
Acq: 04 Apr 2017 23:15

Tgt Ion:188 Resp: 489782
Ion Ratio Lower Upper
188 100
94 8.7 8.7 13.1#
80 11.0 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: BM009543.D

Acq: 04 Apr 2017 23:15

Instrument :

BNA_M

ClientSampleId :

LSS-SP01-COMP

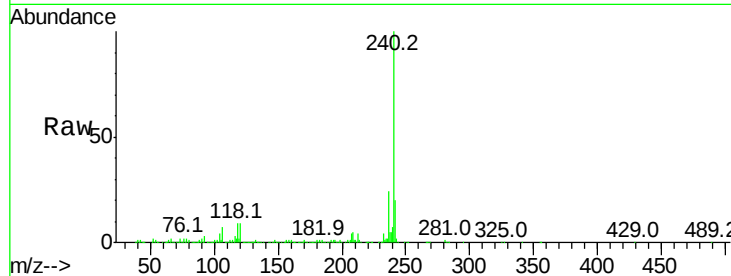
Tot Ion:240 Resp: 676846

Ion Ratio Lower Upper

240 100

120 9.2 8.2 12.2

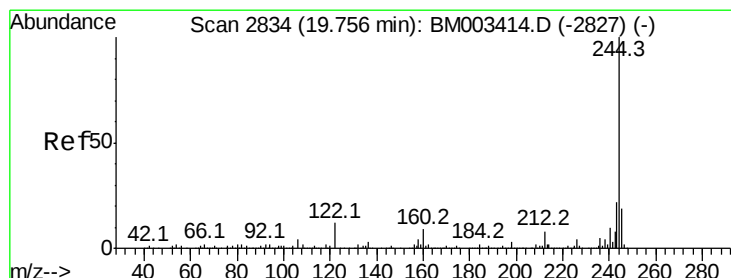
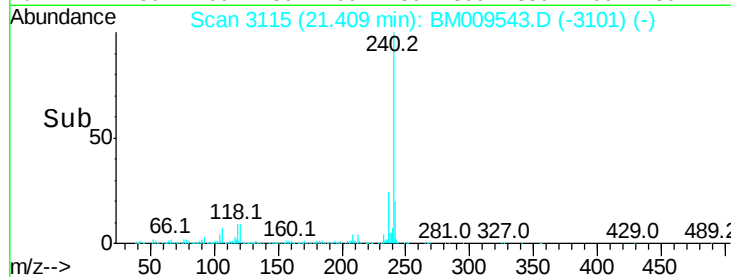
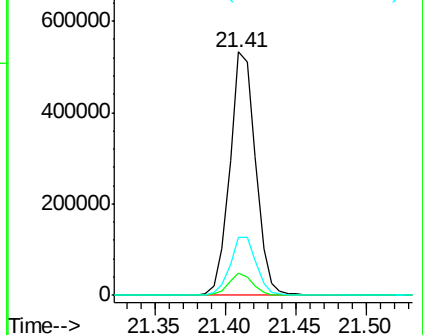
236 23.8 20.0 30.0



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: 97.39 ng

RT: 19.86 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BM009543.D

Acq: 04 Apr 2017 23:15

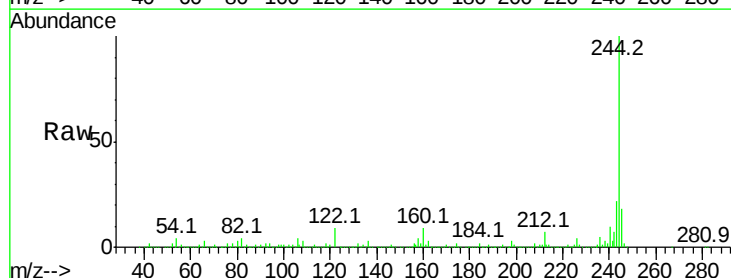
Tgt Ion:244 Resp: 3154626

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

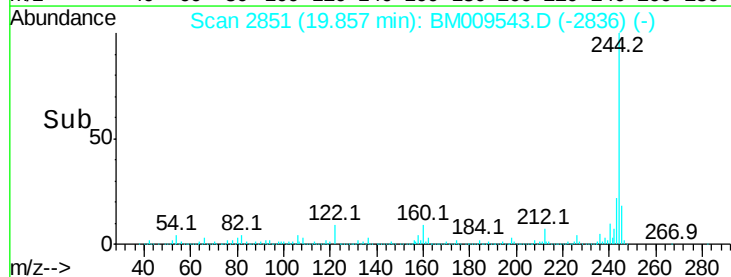
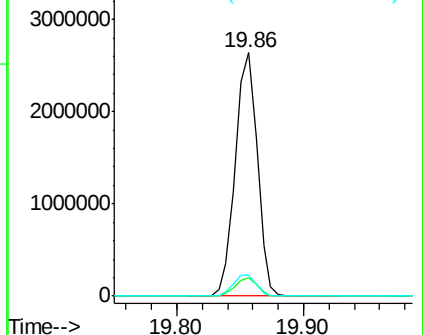
122 8.8 6.2 9.4

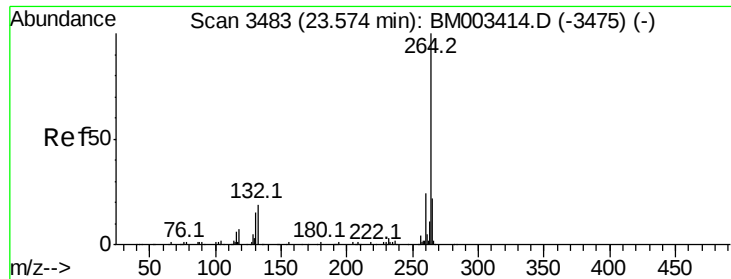


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

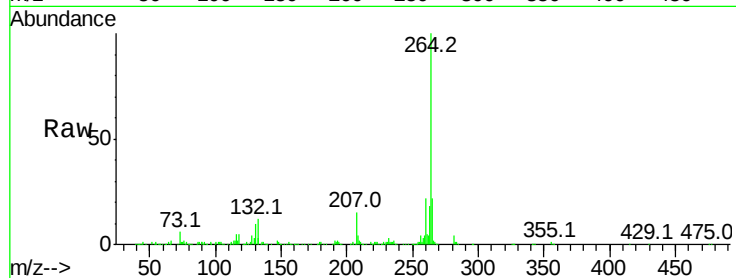




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.73 min Scan# 3510
Delta R.T. -0.02 min
Lab File: BM009543.D
Acq: 04 Apr 2017 23:15

Instrument :
BNA_M
ClientSampleId :
LSS-SP01-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.5	18.6	27.8
265	22.0	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

