

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040517\
 Data File : BM009546.D
 Acq On : 05 Apr 2017 01:03
 Operator : SJ/MA
 Sample : I2495-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LSS-SP04-COMP

Quant Time: Apr 05 02:20:30 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	92502	20.00	ng	-0.02
21) Naphthalene-d8	10.64	136	333957	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	189248	20.00	ng	-0.02
63) Phenanthrene-d10	17.23	188	467712	20.00	ng	-0.02
75) Chrysene-d12	21.41	240	672014	20.00	ng	-0.02
86) Perylene-d12	23.73	264	639030	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	865537	155.97	ng	-0.01
7) Phenol-d6	7.00	99	1076867	142.30	ng	-0.02
23) Nitrobenzene-d5	9.01	82	963272	108.15	ng	-0.02
41) 2,4,6-Tribromophenol	15.98	330	429432	182.66	ng	-0.02
44) 2-Fluorobiphenyl	13.10	172	1659268	105.65	ng	-0.02
78) Terphenyl-d14	19.86	244	2994516	93.11	ng	-0.01

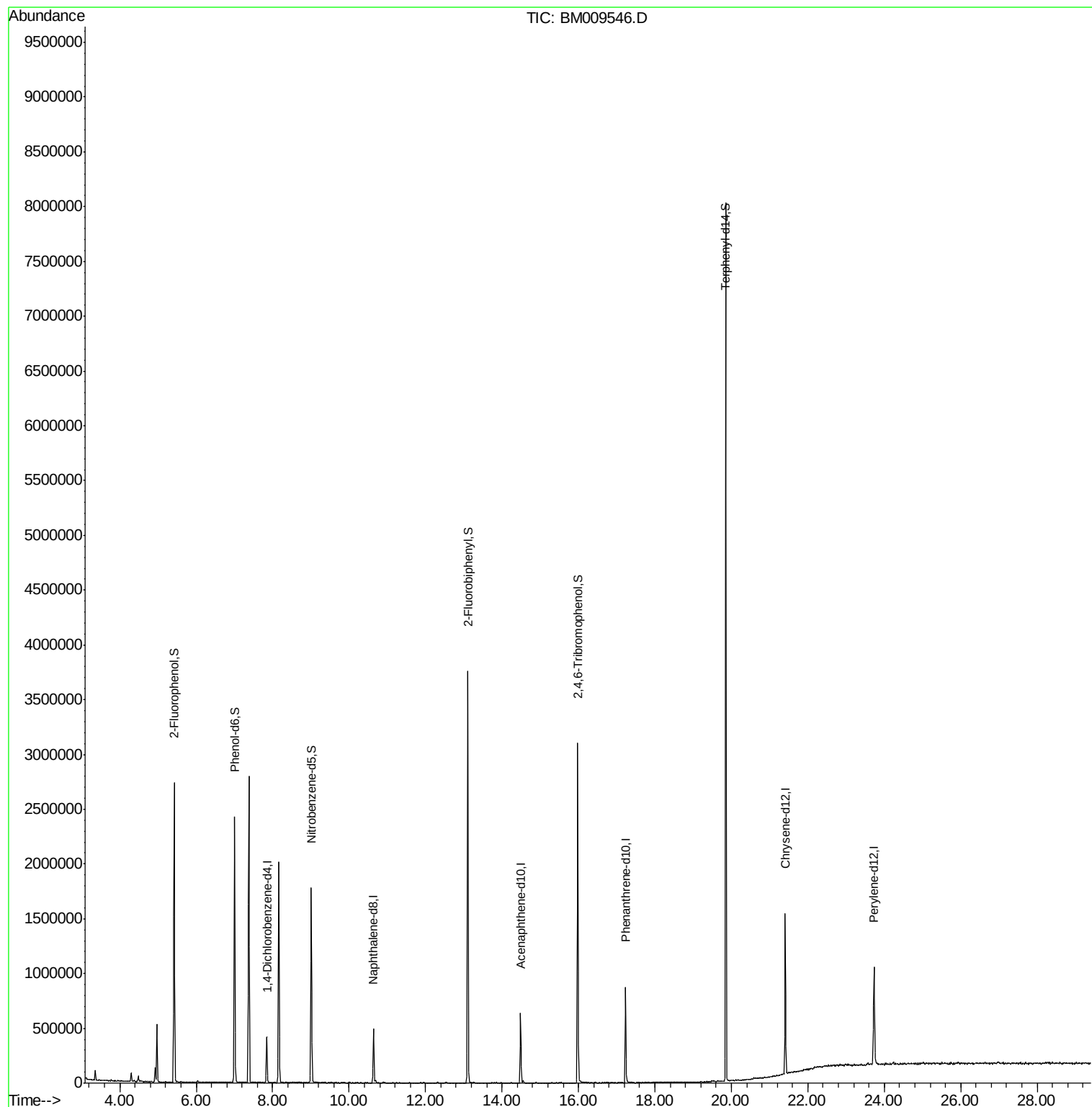
Target Compounds Qvalue

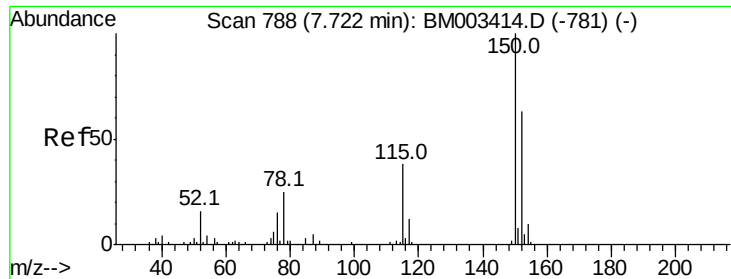
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040517\
Data File : BM009546.D
Acq On : 05 Apr 2017 01:03
Operator : SJ/MA
Sample : I2495-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LSS-SP04-COMP

Quant Time: Apr 05 02:20:30 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: 7.85 min Scan# 809

Delta R.T. -0.02 min

Lab File: BM009546.D

Acq: 05 Apr 2017 01:03

Instrument :

BNA_M

ClientSampleId :

LSS-SP04-COMP

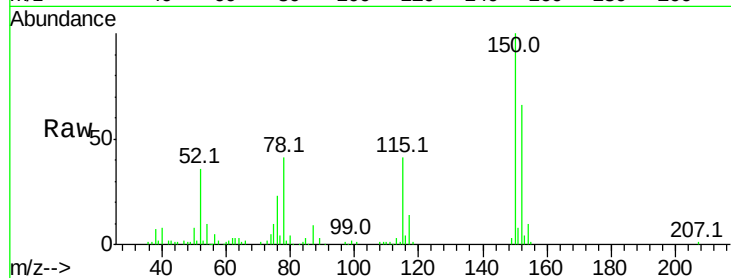
Tot Ion:152 Resp: 92502

Ion Ratio Lower Upper

152 100

150 152.2 119.5 179.3

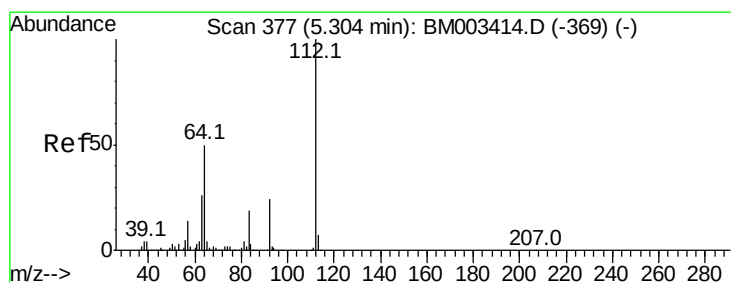
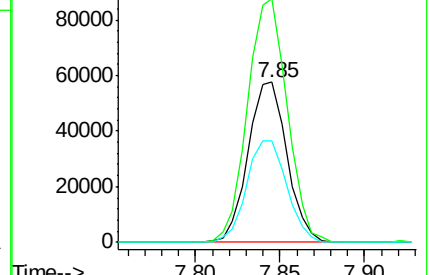
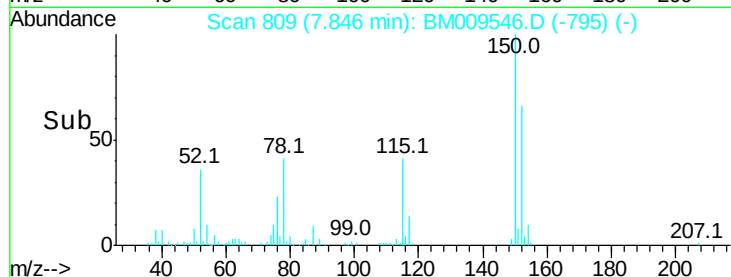
115 63.1 43.0 64.4



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: 155.97 ng

RT: 5.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BM009546.D

Acq: 05 Apr 2017 01:03

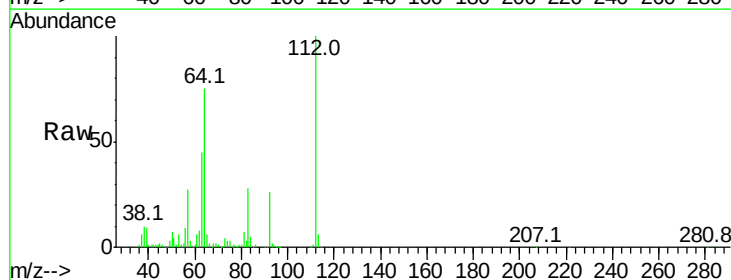
Tgt Ion:112 Resp: 865537

Ion Ratio Lower Upper

112 100

64 75.1 38.6 57.8#

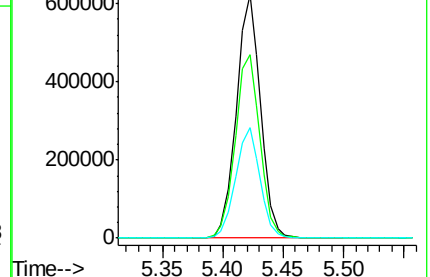
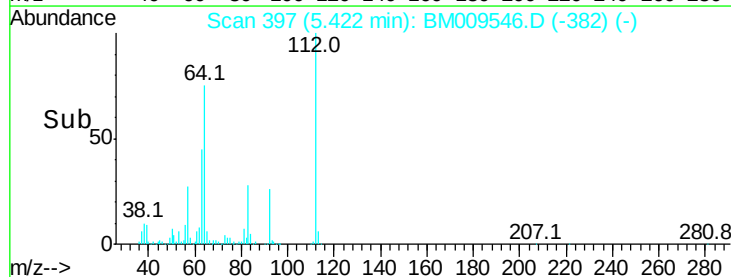
63 45.2 19.3 28.9#

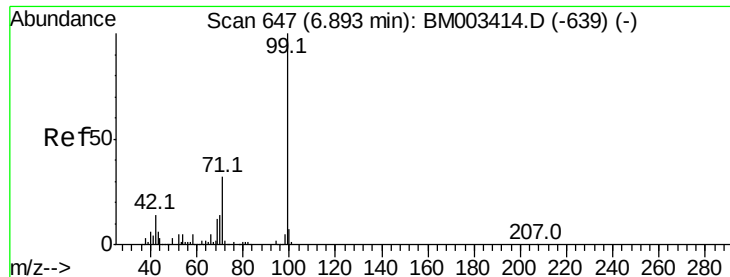


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 142.30 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009546.D

Acq: 05 Apr 2017 01:03

Instrument :

BNA_M

ClientSampleId :

LSS-SP04-COMP

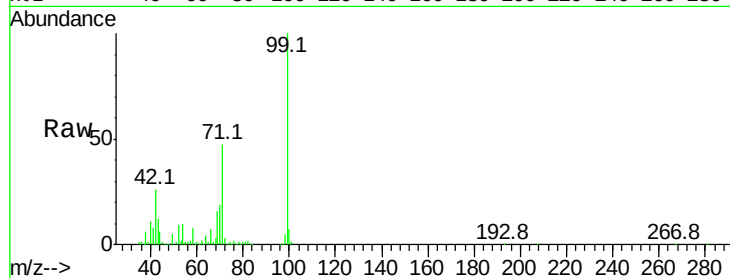
Tot Ion: 99 Resp: 1076867

Ion Ratio Lower Upper

99 100

42 26.3 11.0 16.4#

71 47.2 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) (-)

1000000

800000

600000

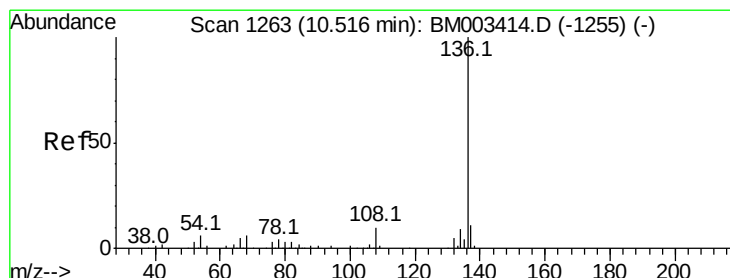
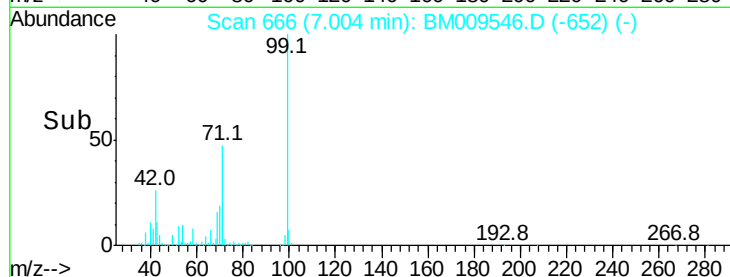
400000

200000

0

7.00

Time--> 6.90 6.95 7.00 7.05 7.10



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BM009546.D

Acq: 05 Apr 2017 01:03

Tgt Ion: 136 Resp: 333957

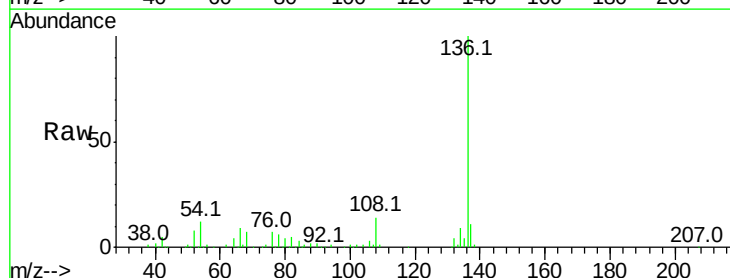
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 12.1 4.6 6.8#

68 6.6 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) (-)

300000

250000

200000

150000

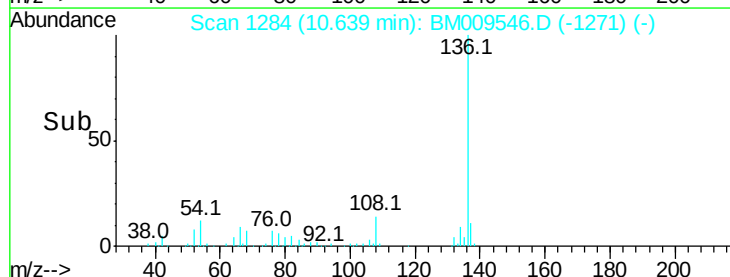
100000

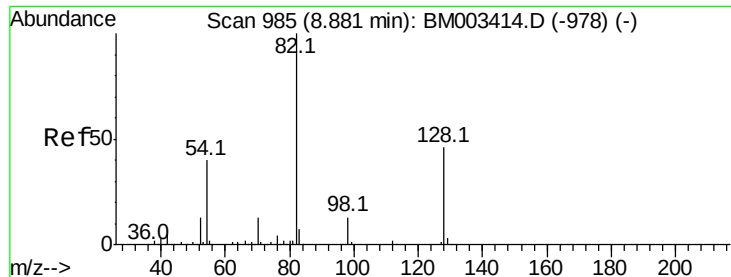
50000

0

10.64

Time--> 10.55 10.60 10.65 10.70

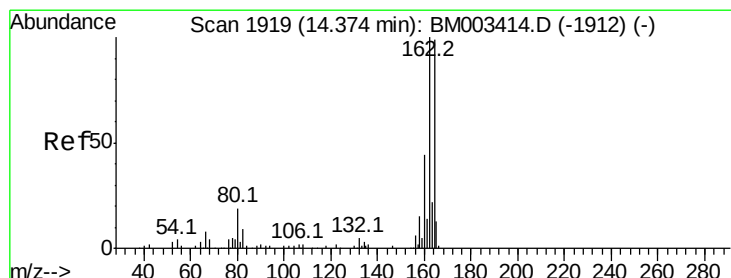
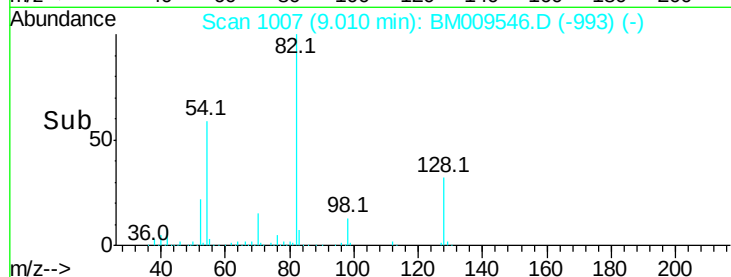
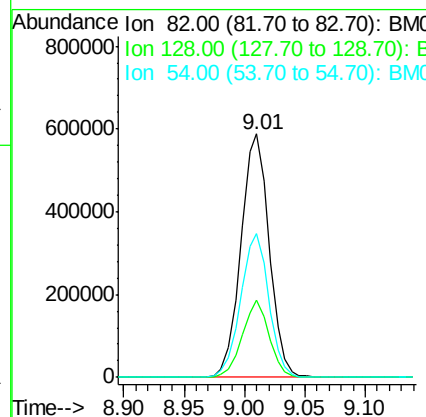
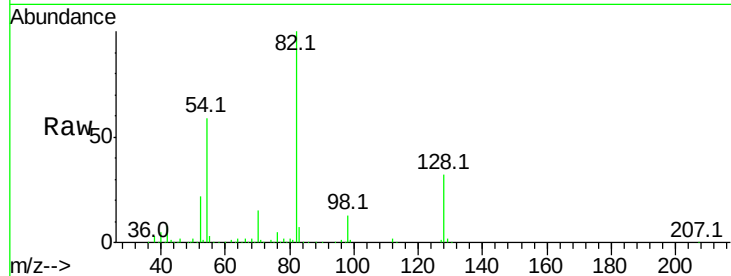




#23
 Nitrobenzene-d5
 Concen: 108.15 ng
 RT: 9.01 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BM009546.D
 Acq: 05 Apr 2017 01:03

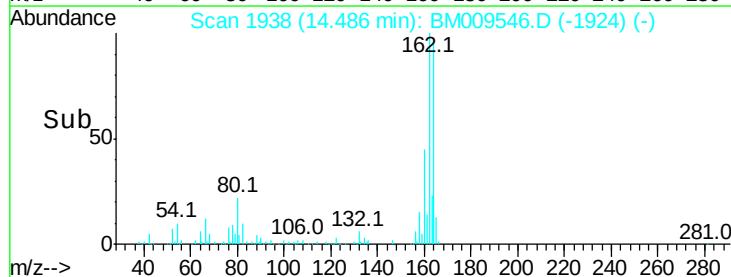
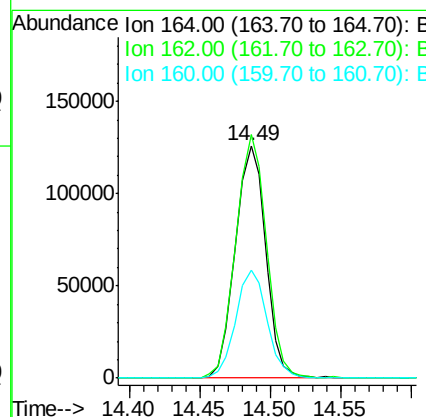
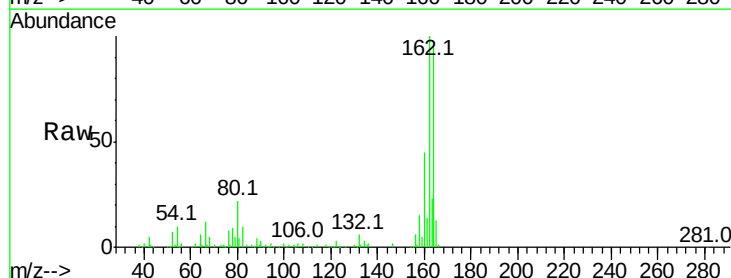
Instrument :
 BNA_M
 ClientSampleId :
 LSS-SP04-COMP

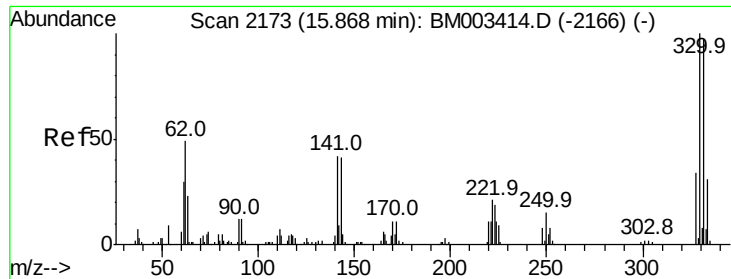
Tot Ion: 82 Resp: 963272
 Ion Ratio Lower Upper
 82 100
 128 31.9 32.8 49.2#
 54 59.3 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.49 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BM009546.D
 Acq: 05 Apr 2017 01:03

Tgt Ion:164 Resp: 189248
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.4 123.6
 160 46.6 35.8 53.6

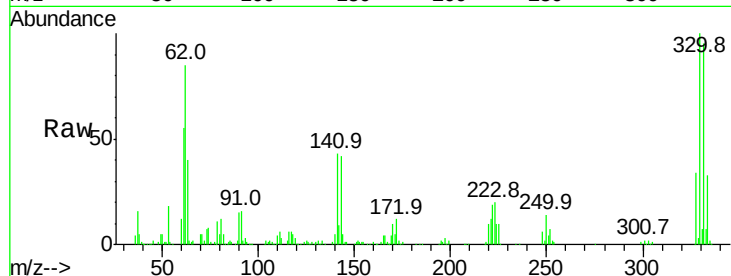




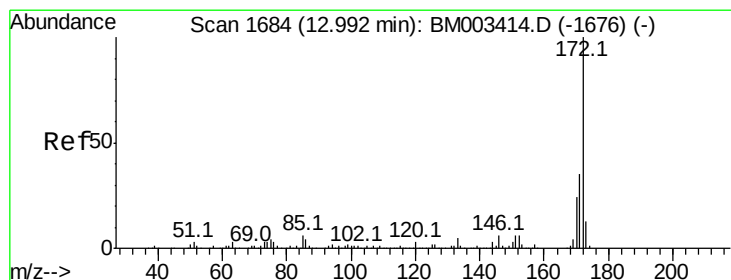
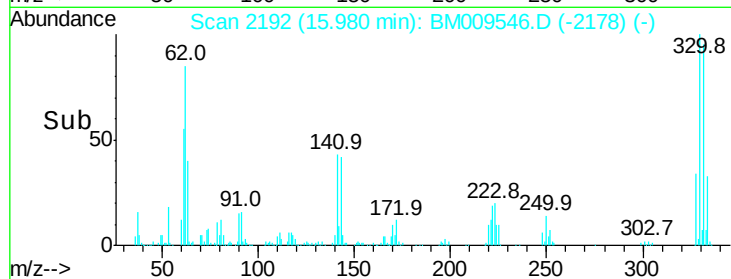
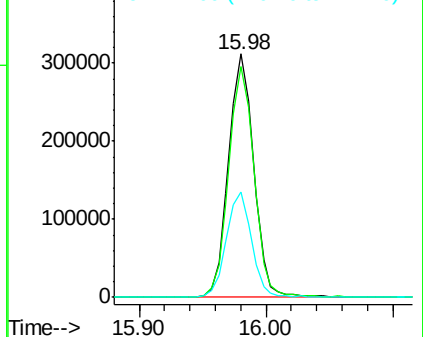
#41
 2,4,6-Tribromophenol
 Concen: 182.66 ng
 RT: 15.98 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BM009546.D
 Acq: 05 Apr 2017 01:03

Instrument :
 BNA_M
 ClientSampleId :
 LSS-SP04-COMP

Tot Ion:330 Resp: 429432
 Ion Ratio Lower Upper
 330 100
 332 95.2 0.0 0.0#
 141 43.4 0.0 0.0#

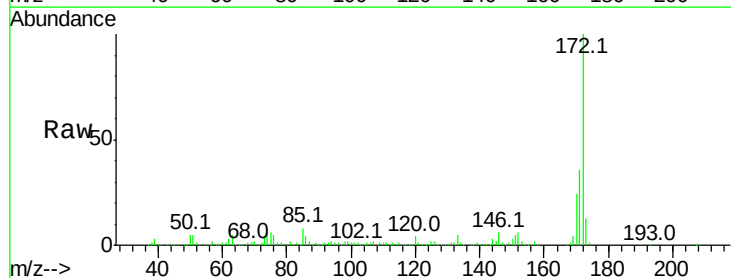


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

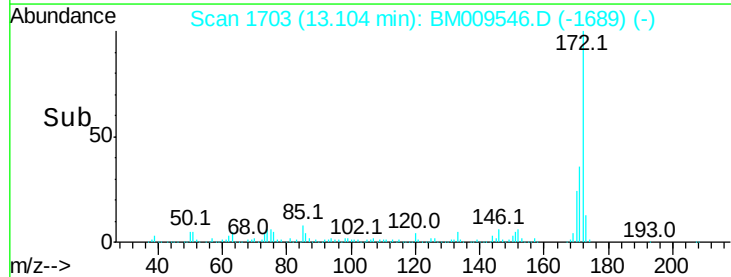
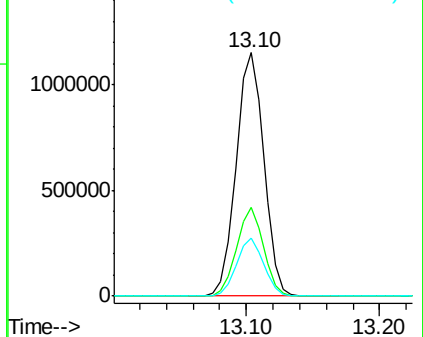


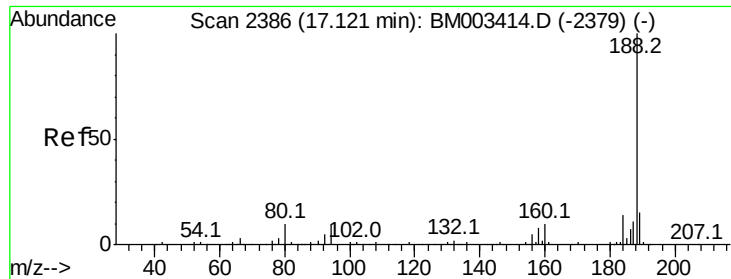
#44
 2-Fluorobiphenyl
 Concen: 105.65 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BM009546.D
 Acq: 05 Apr 2017 01:03

Tgt Ion:172 Resp: 1659268
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.5 42.7
 170 23.9 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

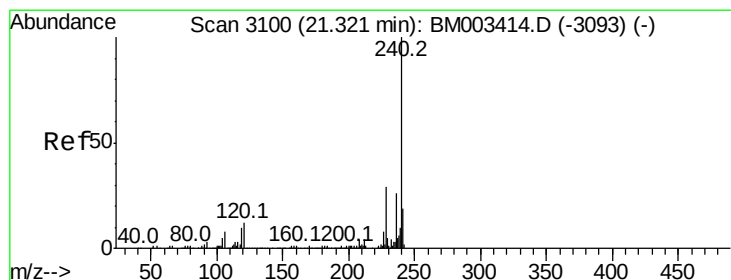
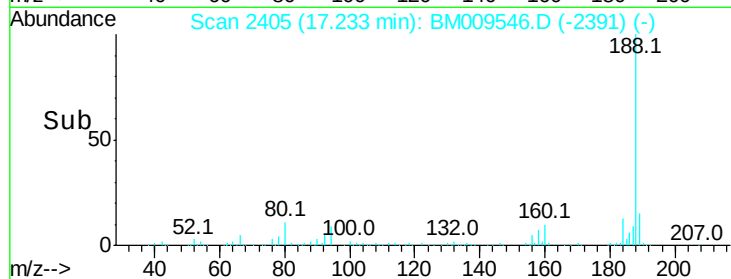
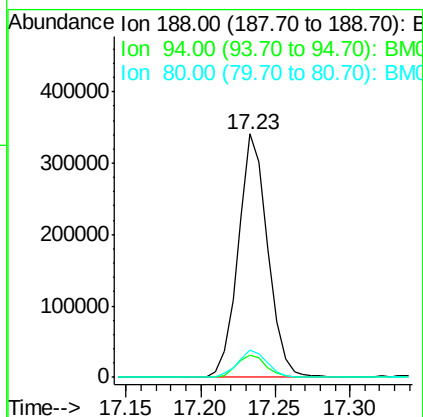
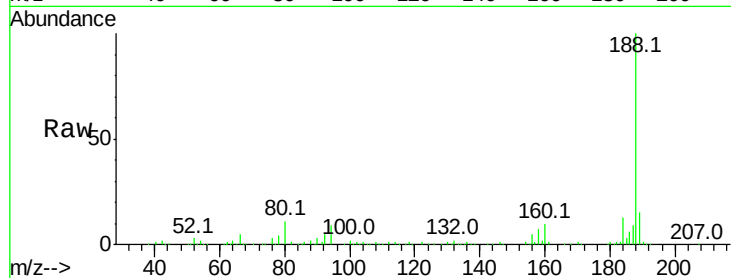




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.23 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BM009546.D
Acq: 05 Apr 2017 01:03

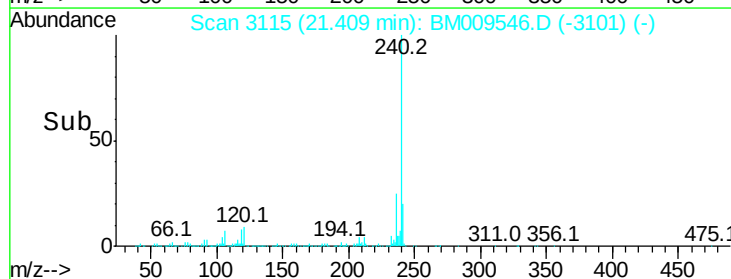
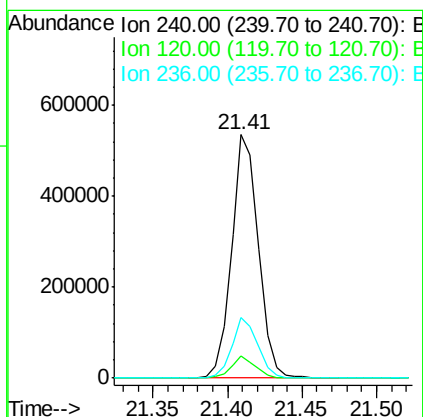
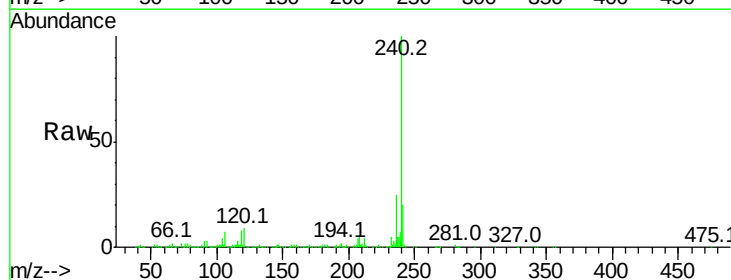
Instrument :
BNA_M
ClientSampleId :
LSS-SP04-COMP

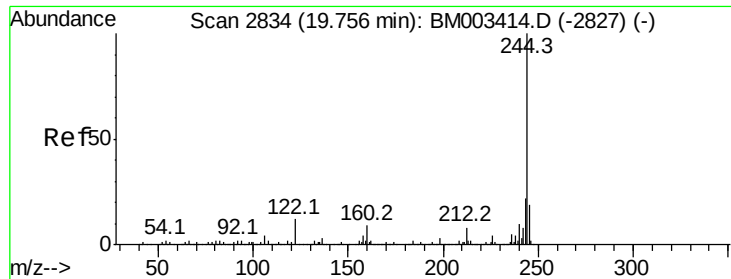
Tot Ion:188 Resp: 467712
Ion Ratio Lower Upper
188 100
94 9.4 8.7 13.1
80 11.3 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.41 min Scan# 3115
Delta R.T. -0.02 min
Lab File: BM009546.D
Acq: 05 Apr 2017 01:03

Tgt Ion:240 Resp: 672014
Ion Ratio Lower Upper
240 100
120 9.0 8.2 12.2
236 24.7 20.0 30.0





#78

Terphenyl-d14

Concen: 93.11 ng

RT: 19.86 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BM009546.D

Acq: 05 Apr 2017 01:03

Instrument :

BNA_M

ClientSampleId :

LSS-SP04-COMP

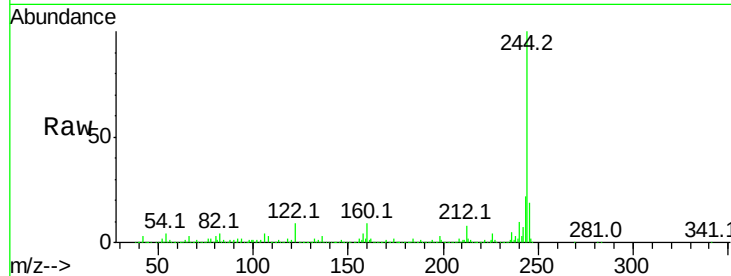
Tot Ion:244 Resp: 2994516

Ion Ratio Lower Upper

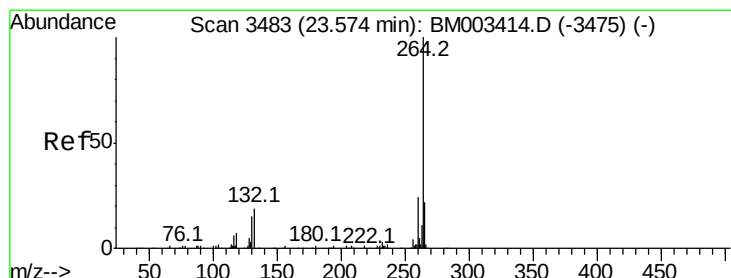
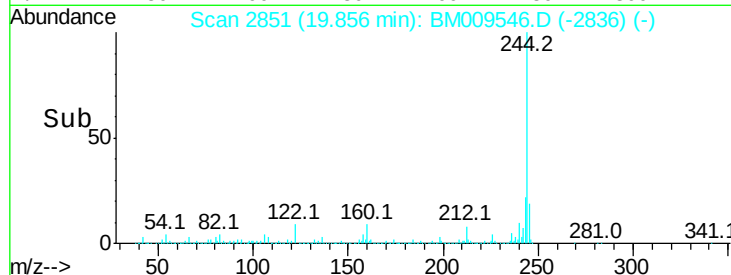
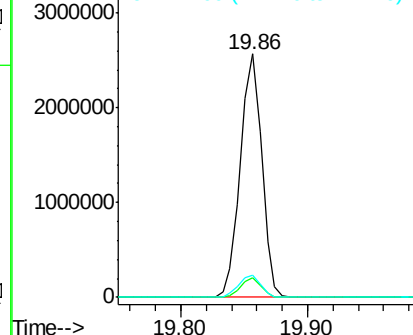
244 100

212 7.9 4.9 7.3#

122 9.1 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: 23.73 min Scan# 3510

Delta R.T. -0.02 min

Lab File: BM009546.D

Acq: 05 Apr 2017 01:03

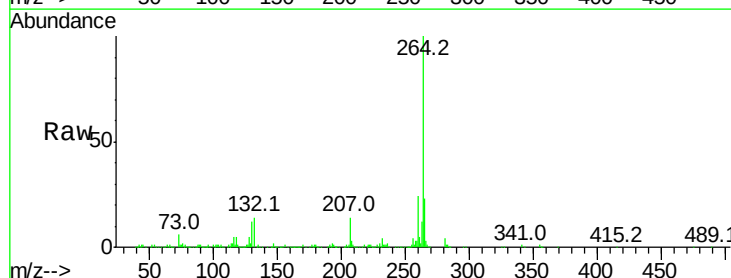
Tgt Ion:264 Resp: 639030

Ion Ratio Lower Upper

264 100

260 24.2 18.6 27.8

265 23.3 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

