

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040517\
 Data File : BM009540.D
 Acq On : 04 Apr 2017 21:27
 Operator : SJ/MA
 Sample : I2493-25
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LSS-SP08-COMP

Quant Time: Apr 05 02:19:05 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

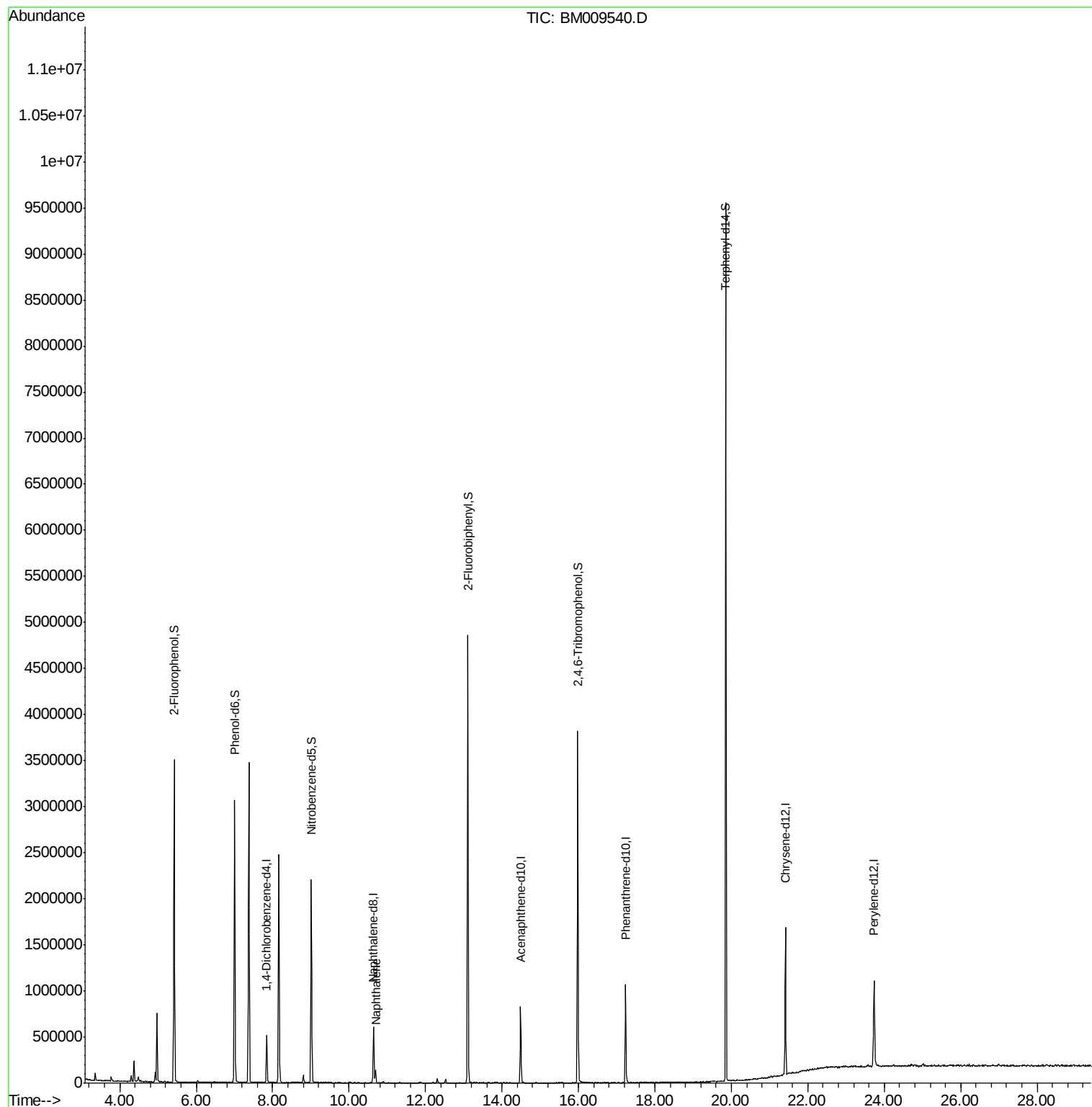
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	118281	20.00	ng	-0.02
21) Naphthalene-d8	10.64	136	425809	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	245434	20.00	ng	-0.02
63) Phenanthrene-d10	17.23	188	581807	20.00	ng	-0.02
75) Chrysene-d12	21.42	240	780083	20.00	ng	-0.01
86) Perylene-d12	23.73	264	641661	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1098266	154.77	ng	-0.01
7) Phenol-d6	7.00	99	1443134	149.13	ng	-0.02
23) Nitrobenzene-d5	9.01	82	1209988	106.54	ng	-0.02
41) 2,4,6-Tribromophenol	15.98	330	543698	178.32	ng	-0.02
44) 2-Fluorobiphenyl	13.10	172	2138846	105.01	ng	-0.02
78) Terphenyl-d14	19.86	244	3613248	96.79	ng	-0.01
Target Compounds						
31) Naphthalene	10.69	128	99840	4.42	ng	Qvalue 96

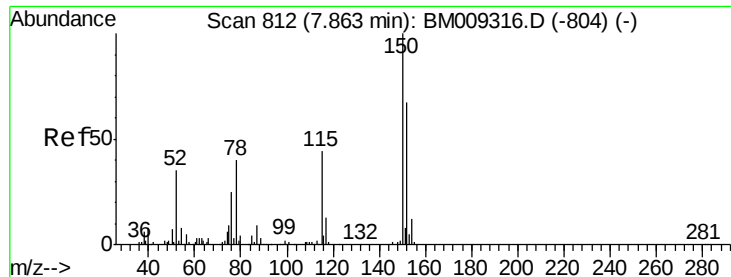
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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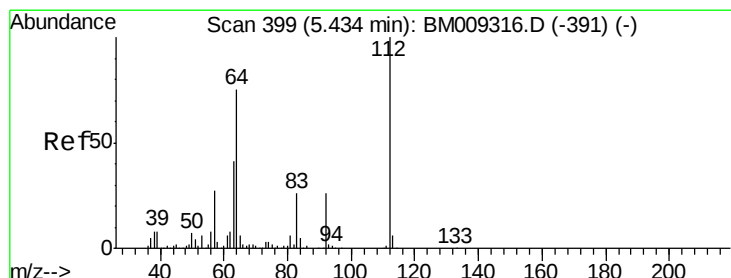
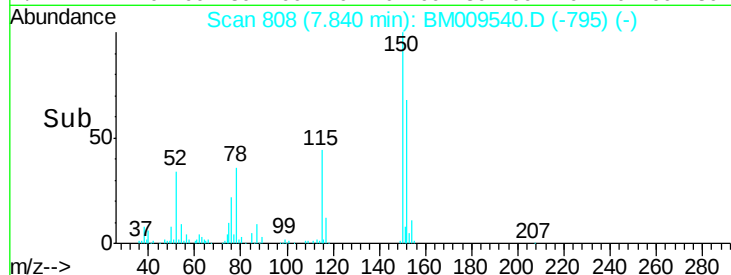
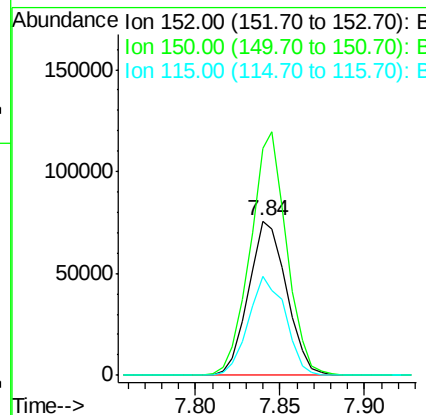
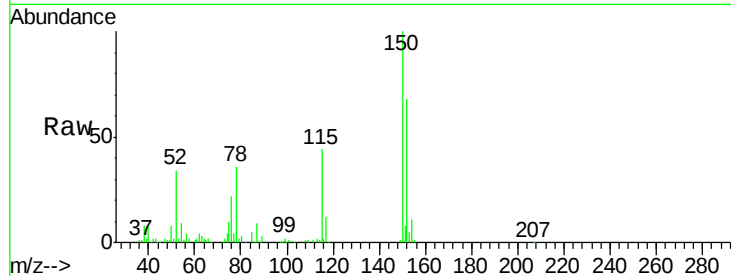


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BM009540.D
Acq: 04 Apr 2017 21:27

Instrument :
BNA_M
ClientSampleId :
LSS-SP08-COMP

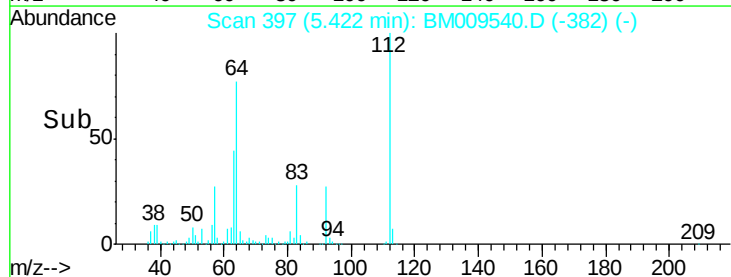
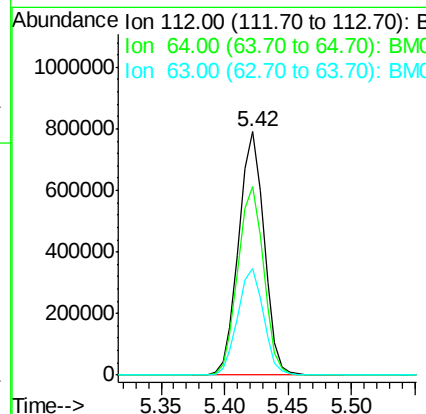
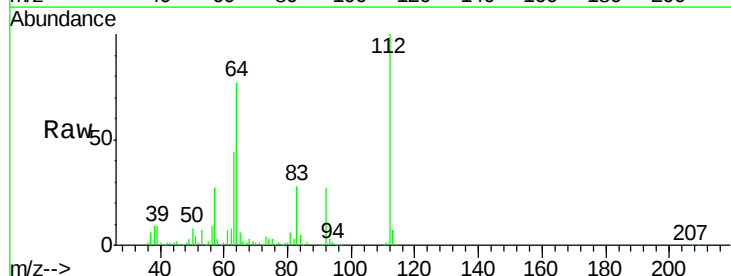
Tgt Ion:152 Resp: 118281
Ion Ratio Lower Upper
152 100
150 146.9 119.5 179.3
115 64.4 43.0 64.4

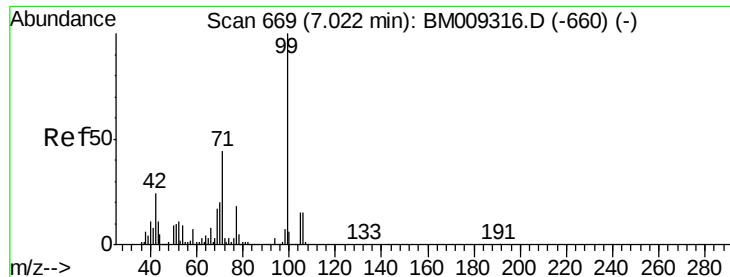


#5

2-Fluorophenol
Concen: 154.77 ng
RT: 5.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BM009540.D
Acq: 04 Apr 2017 21:27

Tgt Ion:112 Resp: 1098266
Ion Ratio Lower Upper
112 100
64 77.2 38.6 57.8#
63 44.0 19.3 28.9#





#7

Phenol-d6

Concen: 149.13 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009540.D

Acq: 04 Apr 2017 21:27

Instrument :

BNA_M

ClientSampleId :

LSS-SP08-COMP

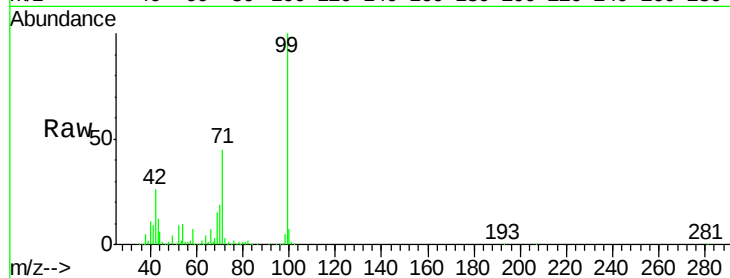
Tgt Ion: 99 Resp: 1443134

Ion Ratio Lower Upper

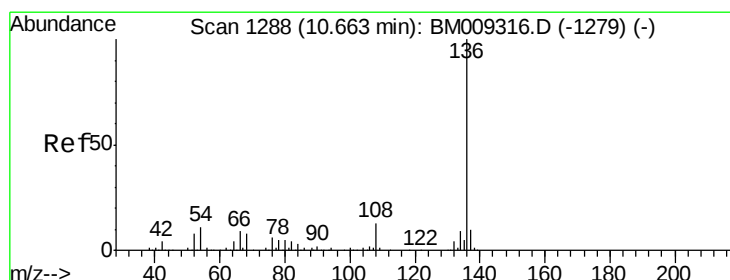
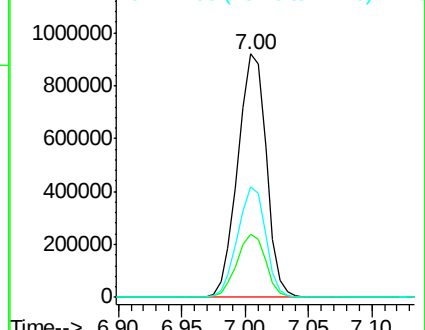
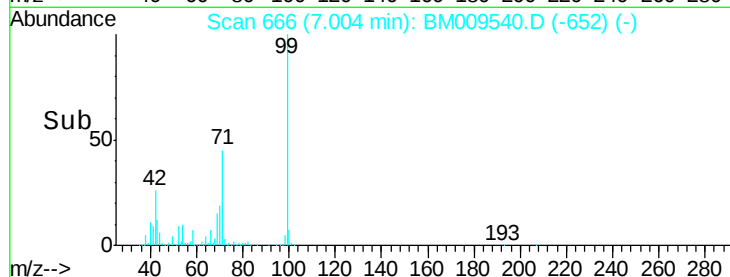
99 100

42 25.7 11.0 16.4#

71 45.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009540.D (-652) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BM009540.D

Acq: 04 Apr 2017 21:27

Tgt Ion: 136 Resp: 425809

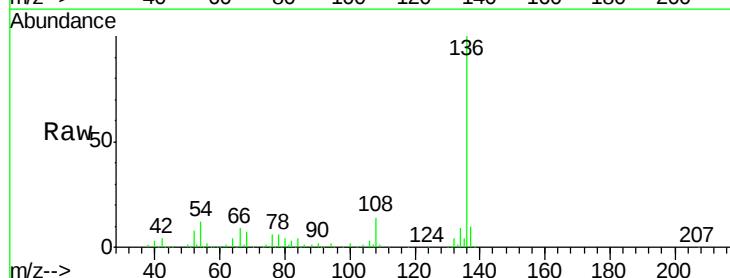
Ion Ratio Lower Upper

136 100

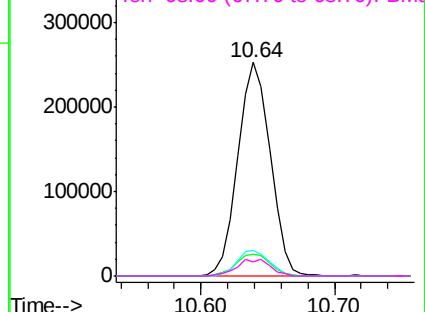
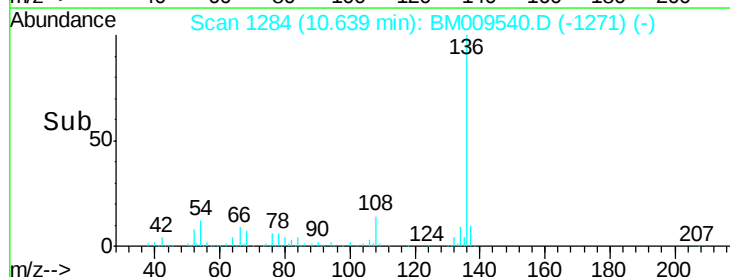
137 10.3 8.7 13.1

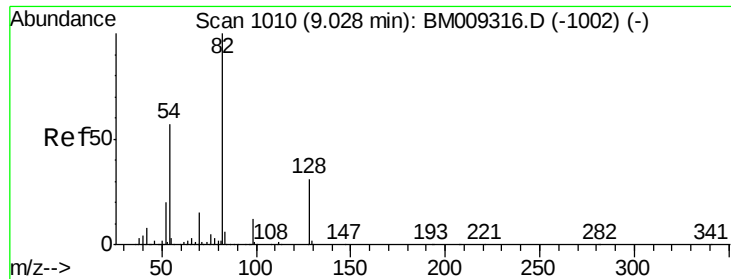
54 11.9 4.6 6.8#

68 6.8 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM009540.D (-1271) (-)

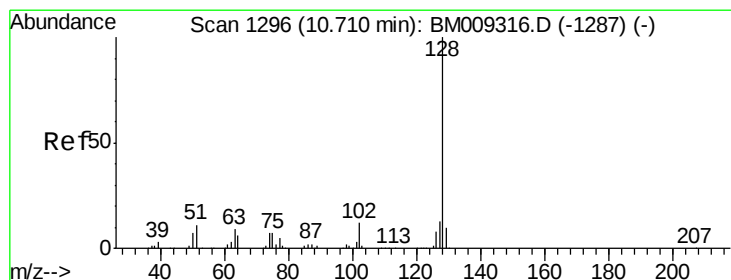
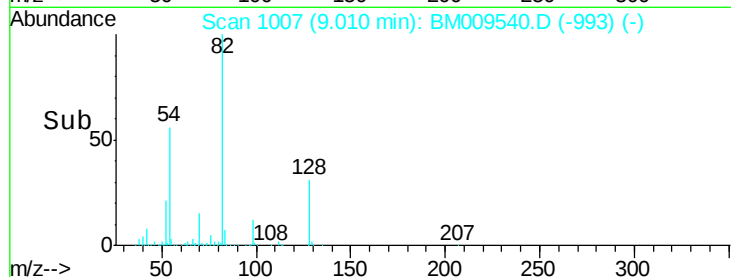
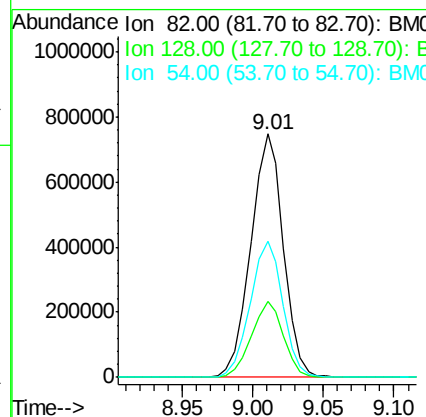
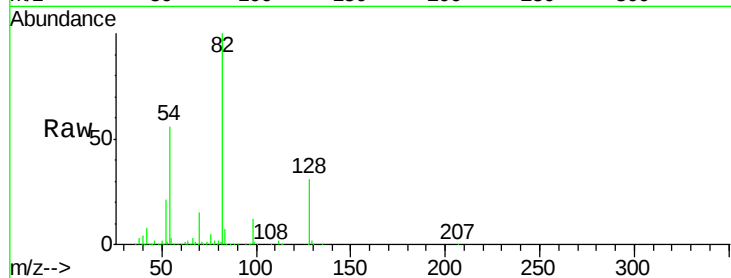




#23
 Nitrobenzene-d5
 Concen: 106.54 ng
 RT: 9.01 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BM009540.D
 Acq: 04 Apr 2017 21:27

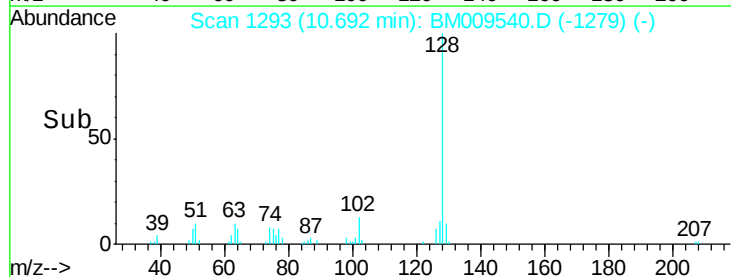
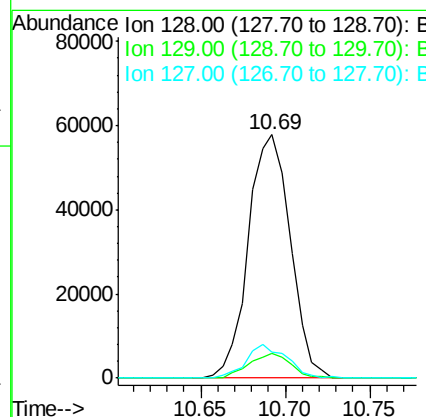
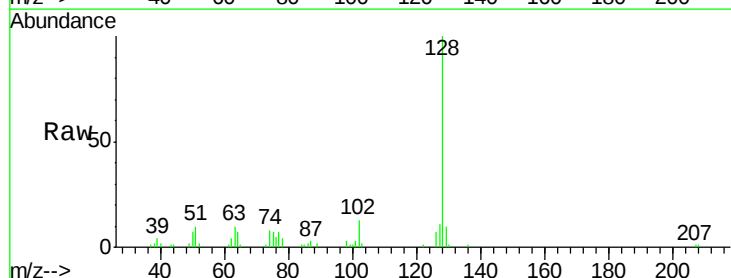
Instrument :
 BNA_M
 ClientSampleId :
 LSS-SP08-COMP

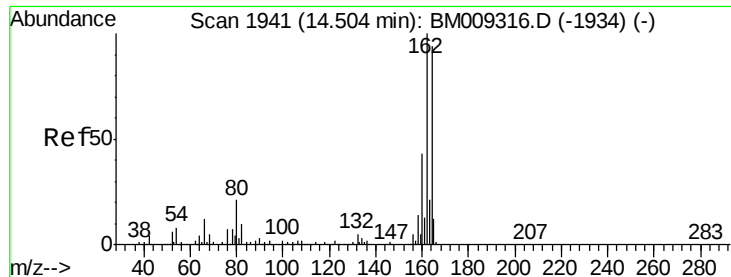
Tgt Ion: 82 Resp: 1209988
 Ion Ratio Lower Upper
 82 100
 128 31.4 32.8 49.2#
 54 55.9 40.6 60.8



#31
 Naphthalene
 Concen: 4.42 ng
 RT: 10.69 min Scan# 1293
 Delta R.T. -0.02 min
 Lab File: BM009540.D
 Acq: 04 Apr 2017 21:27

Tgt Ion: 128 Resp: 99840
 Ion Ratio Lower Upper
 128 100
 129 10.4 8.9 13.3
 127 10.6 10.4 15.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.49 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BM009540.D

Acq: 04 Apr 2017 21:27

Instrument :

BNA_M

ClientSampleId :

LSS-SP08-COMP

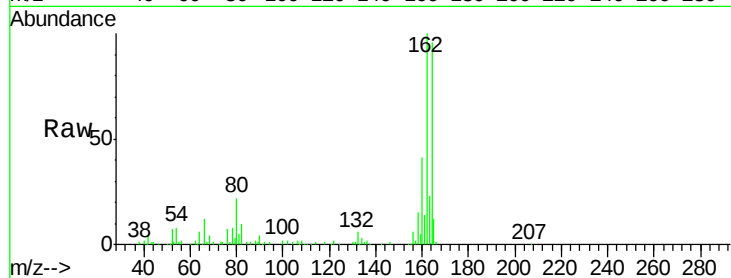
Tgt Ion:164 Resp: 245434

Ion Ratio Lower Upper

164 100

162 103.9 82.4 123.6

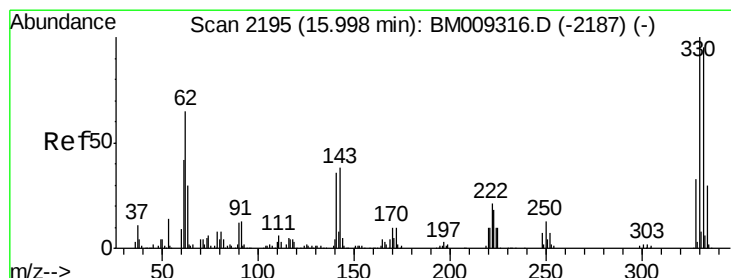
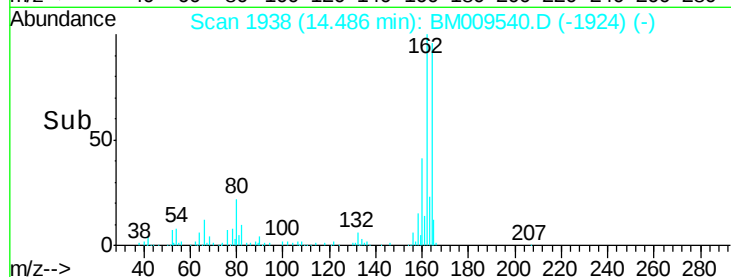
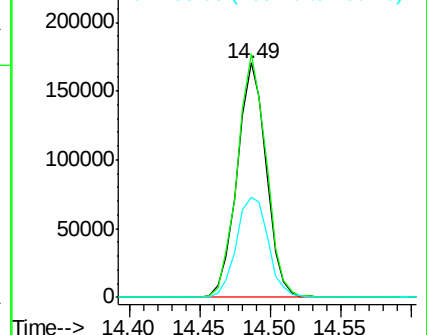
160 43.0 35.8 53.6



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: 178.32 ng

RT: 15.98 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BM009540.D

Acq: 04 Apr 2017 21:27

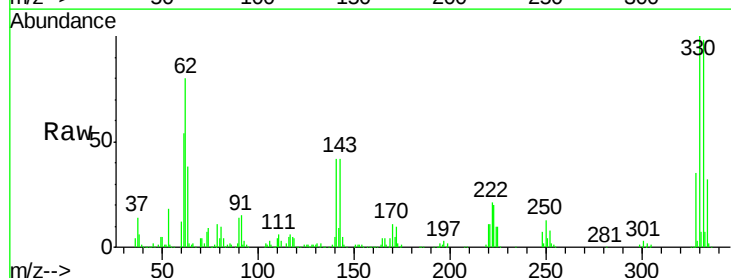
Tgt Ion:330 Resp: 543698

Ion Ratio Lower Upper

330 100

332 98.0 0.0 0.0#

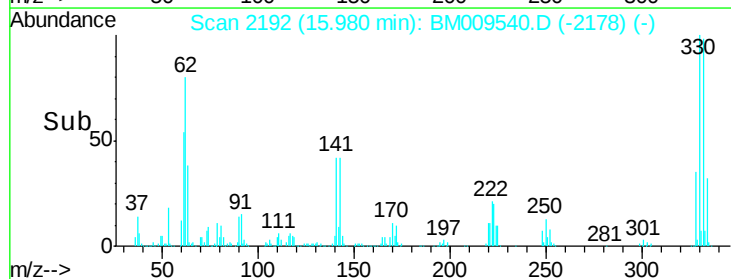
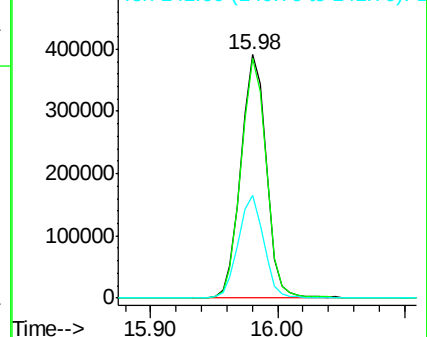
141 42.2 0.0 0.0#

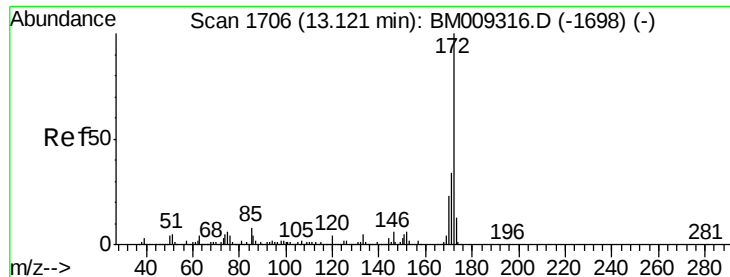


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

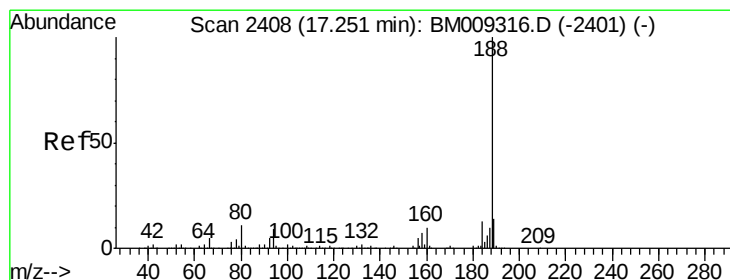
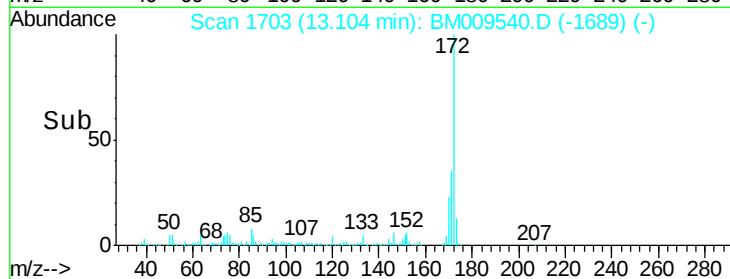
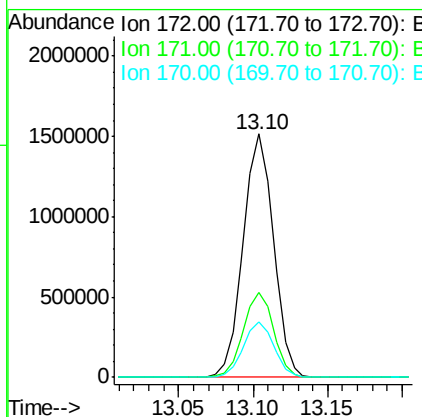
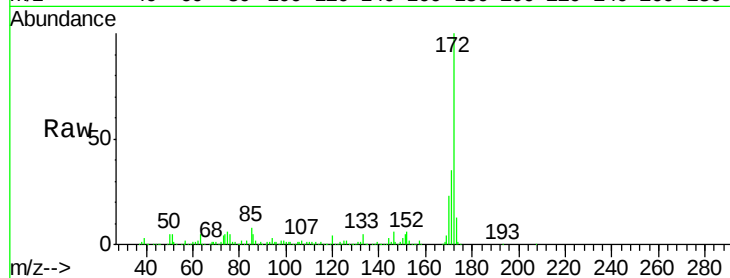




#44
 2-Fluorobiphenyl
 Concen: 105.01 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BM009540.D
 Acq: 04 Apr 2017 21:27

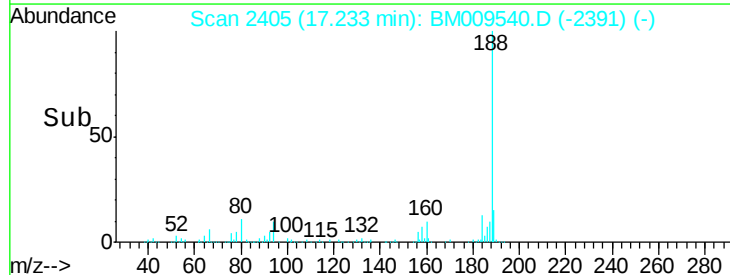
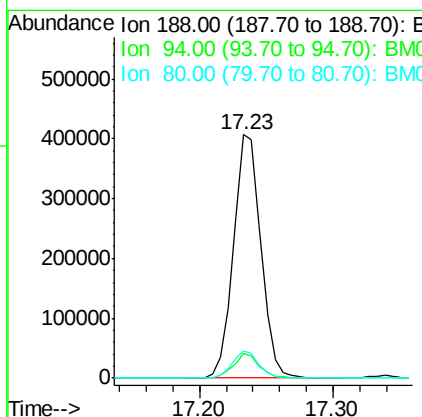
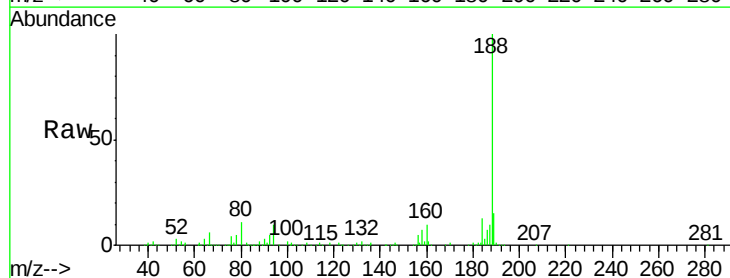
Instrument :
 BNA_M
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 LSS-SP08-COMP

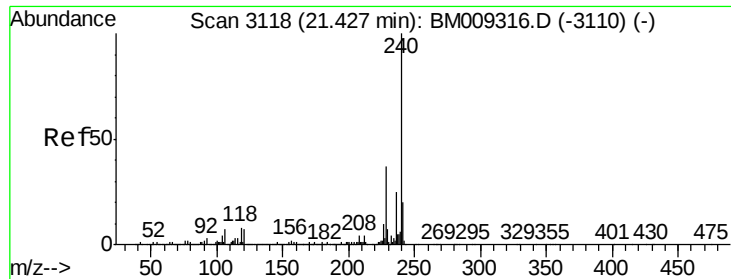
Tgt Ion:172 Resp: 2138846
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 22.8 18.8 28.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.23 min Scan# 2405
 Delta R.T. -0.02 min
 Lab File: BM009540.D
 Acq: 04 Apr 2017 21:27

Tgt Ion:188 Resp: 581807
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.7 13.1
 80 11.3 9.3 13.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.42 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM009540.D

Acq: 04 Apr 2017 21:27

Instrument :

BNA_M

ClientSampleId :

LSS-SP08-COMP

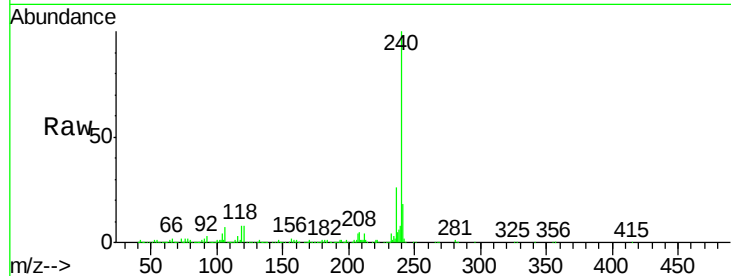
Tgt Ion:240 Resp: 780083

Ion Ratio Lower Upper

240 100

120 8.5 8.2 12.2

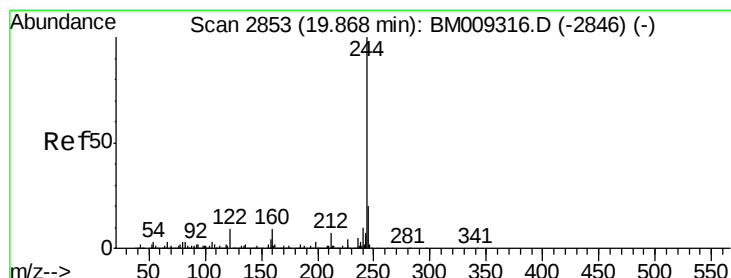
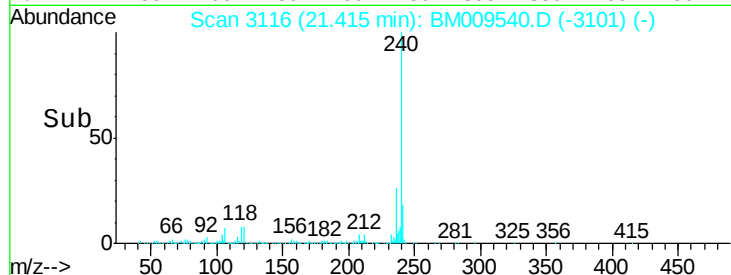
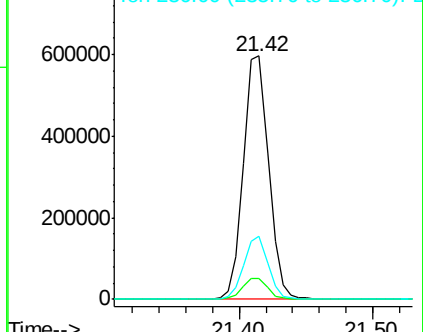
236 25.8 20.0 30.0



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: 96.79 ng

RT: 19.86 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BM009540.D

Acq: 04 Apr 2017 21:27

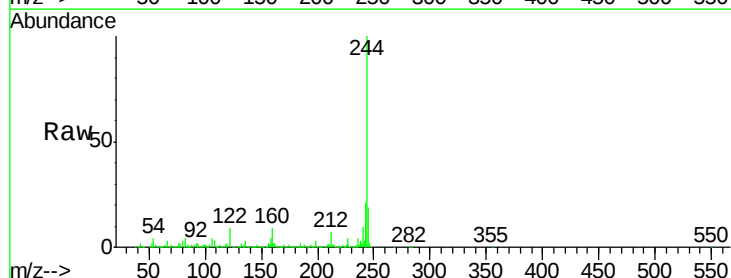
Tgt Ion:244 Resp: 3613248

Ion Ratio Lower Upper

244 100

212 7.1 4.9 7.3

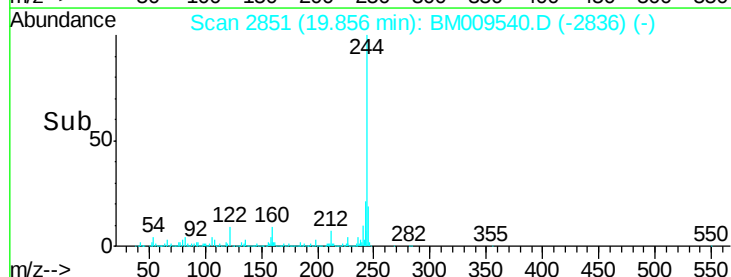
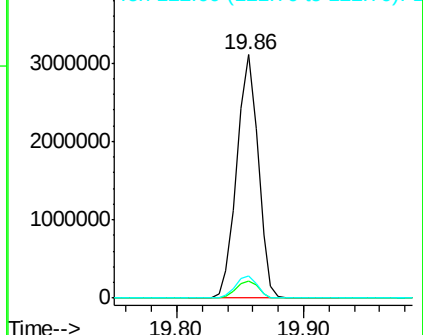
122 9.0 6.2 9.4

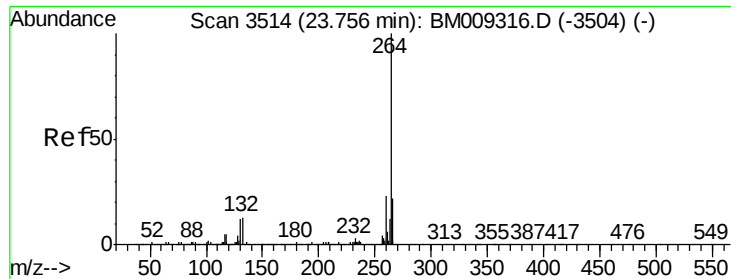


Abundance Ion 244.00 (243.70 to 244.70): E

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: BM009540.D
Acq: 04 Apr 2017 21:27

Instrument :
BNA_M
ClientSampleId :
LSS-SP08-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	21.4	17.3	25.9

