

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040517\
 Data File : BM009542.D
 Acq On : 04 Apr 2017 22:39
 Operator : SJ/MA
 Sample : I2493-27
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LSS-SP10-COMP

Quant Time: Apr 05 02:19:35 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	97975	20.00	ng	-0.02
21) Naphthalene-d8	10.64	136	359975	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	202289	20.00	ng	-0.02
63) Phenanthrene-d10	17.23	188	484375	20.00	ng	-0.02
75) Chrysene-d12	21.42	240	660816	20.00	ng	-0.01
86) Perylene-d12	23.73	264	636773	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	961079	163.51	ng	-0.01
7) Phenol-d6	7.00	99	1241177	154.85	ng	-0.02
23) Nitrobenzene-d5	9.01	82	1010614	105.26	ng	-0.02
41) 2,4,6-Tribromophenol	15.98	330	447330	178.00	ng	-0.02
44) 2-Fluorobiphenyl	13.10	172	1753423	104.44	ng	-0.02
78) Terphenyl-d14	19.86	244	2918423	92.29	ng	-0.01

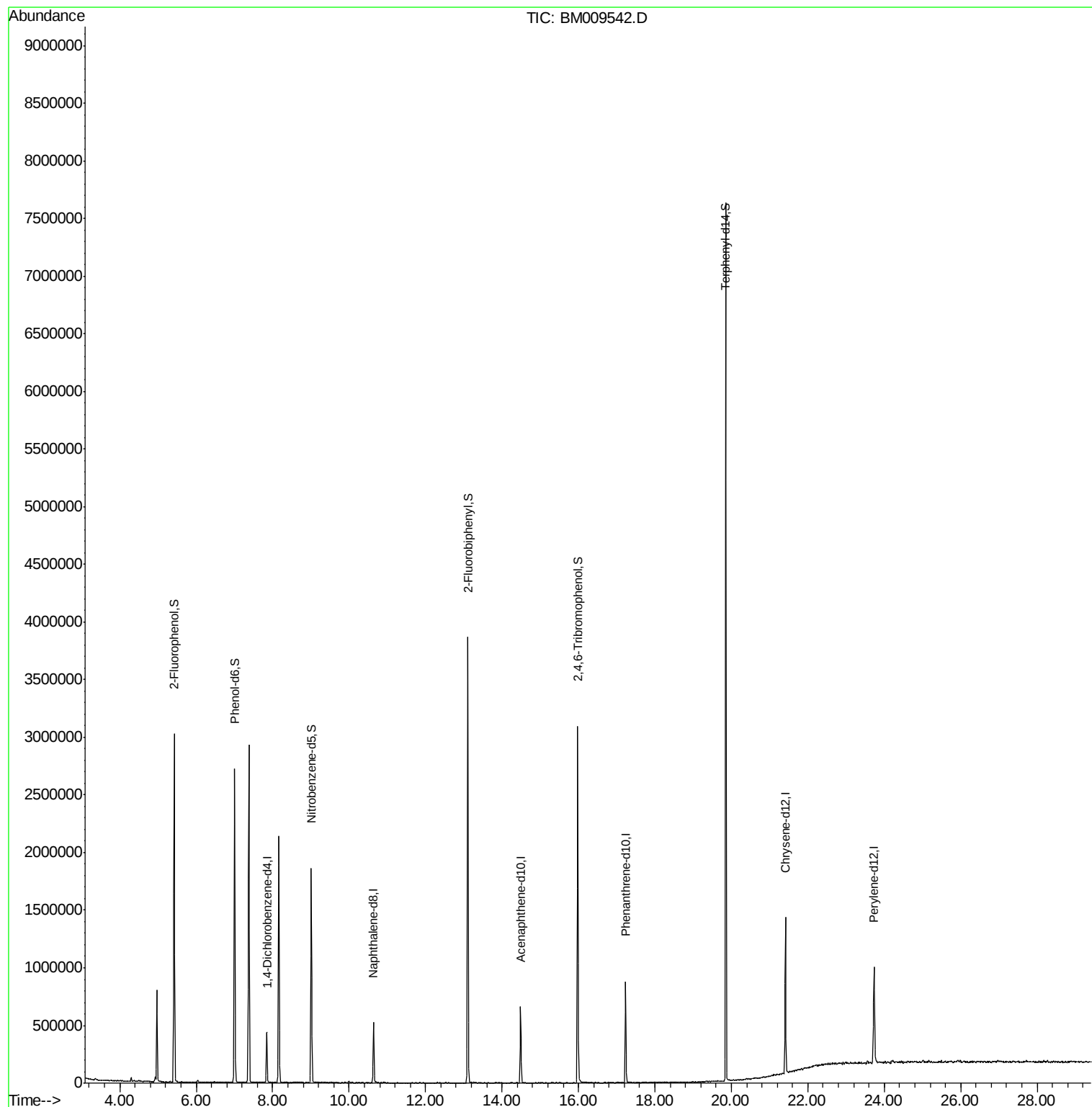
Target Compounds Qvalue

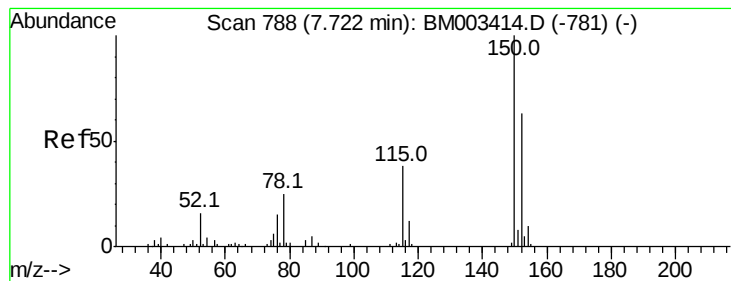
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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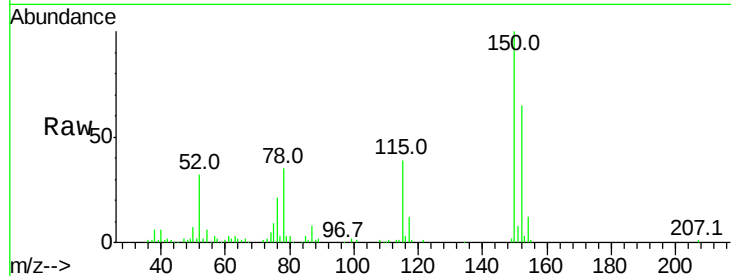


#1

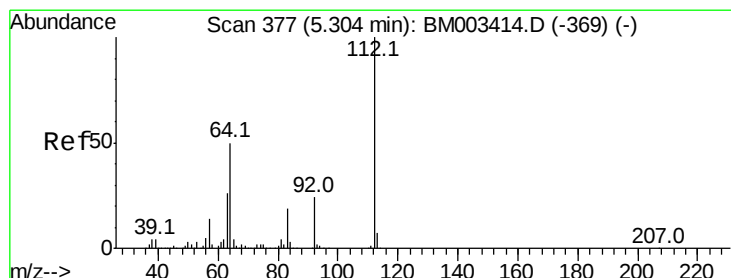
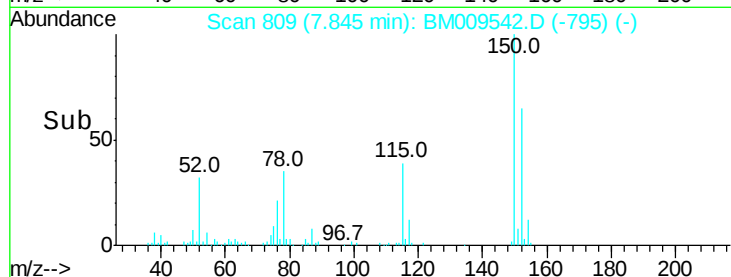
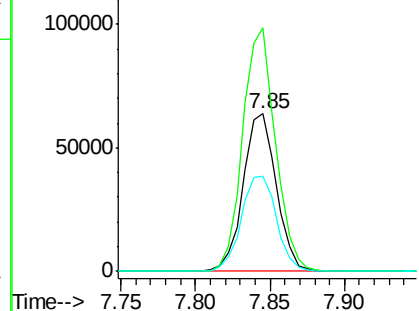
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BM009542.D
Acq: 04 Apr 2017 22:39

Instrument :
BNA_M
ClientSampleId :
LSS-SP10-COMP

Tot Ion:152 Resp: 97975
Ion Ratio Lower Upper
152 100
150 154.8 119.5 179.3
115 60.1 43.0 64.4



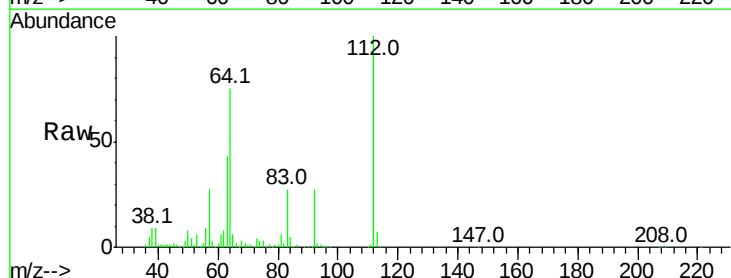
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



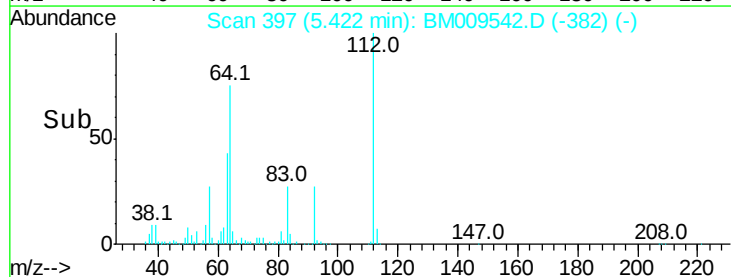
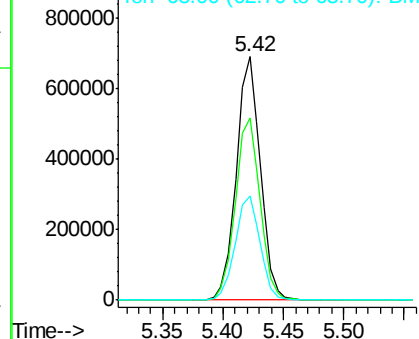
#5

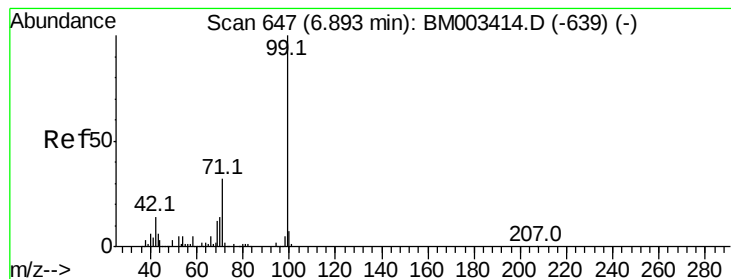
2-Fluorophenol
Concen: 163.51 ng
RT: 5.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BM009542.D
Acq: 04 Apr 2017 22:39

Tgt Ion:112 Resp: 961079
Ion Ratio Lower Upper
112 100
64 75.0 38.6 57.8#
63 42.7 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: 154.85 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009542.D

Acq: 04 Apr 2017 22:39

Instrument :

BNA_M

ClientSampleId :

LSS-SP10-COMP

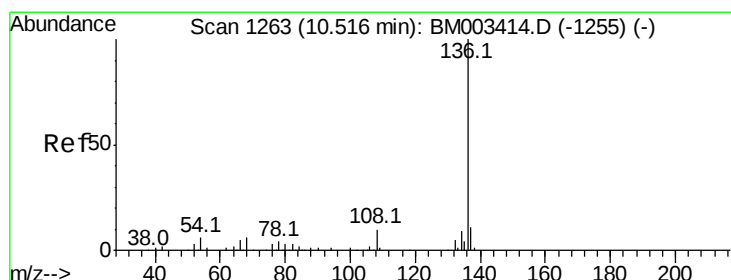
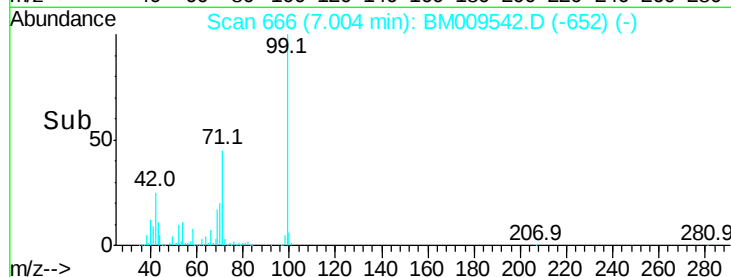
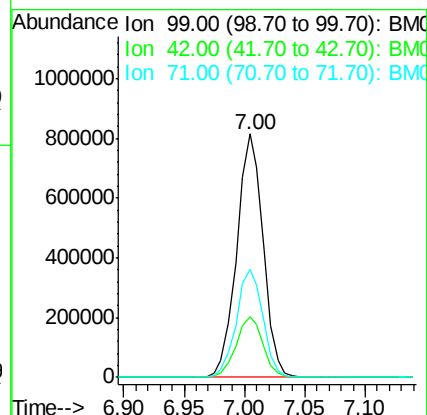
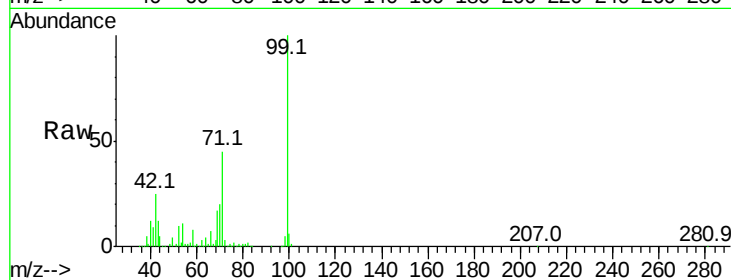
Tot Ion: 99 Resp: 1241177

Ion Ratio Lower Upper

99 100

42 25.0 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: BM009542.D

Acq: 04 Apr 2017 22:39

Tgt Ion: 136 Resp: 359975

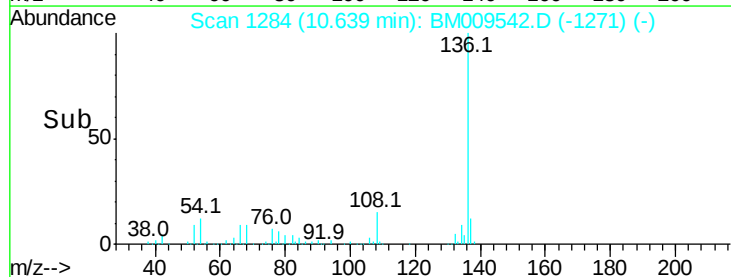
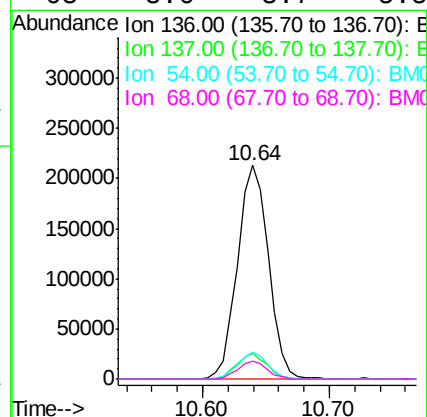
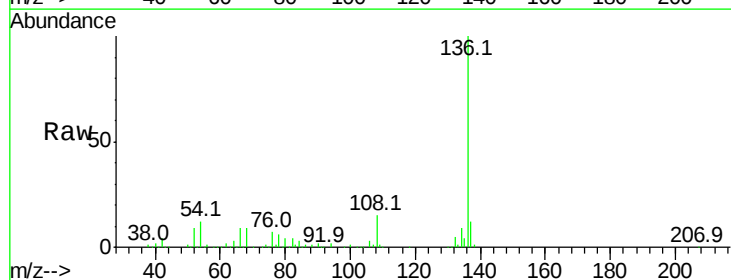
Ion Ratio Lower Upper

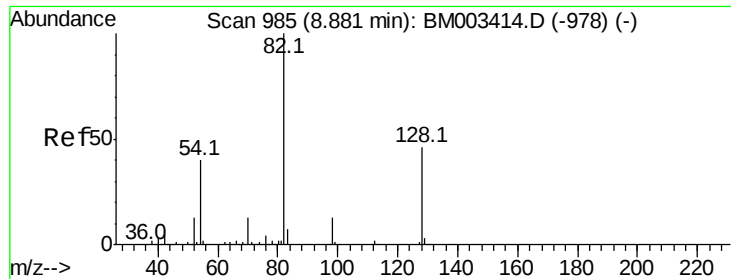
136 100

137 12.0 8.7 13.1

54 12.4 4.6 6.8#

68 8.6 3.7 5.5#

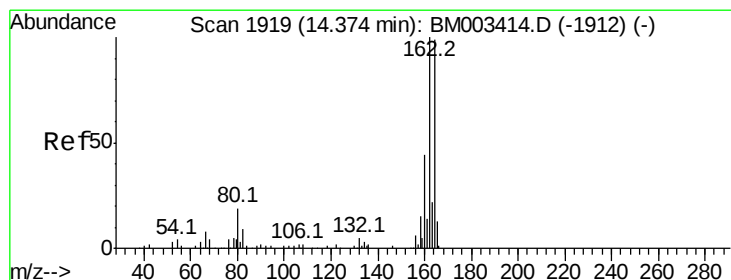
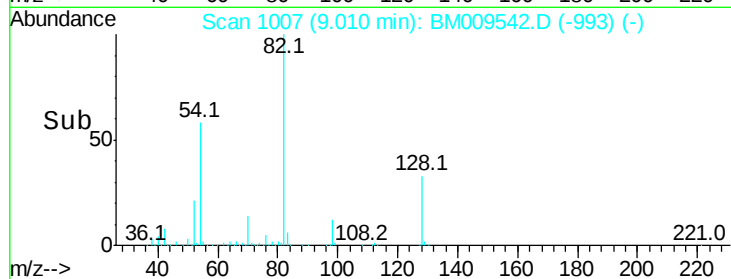
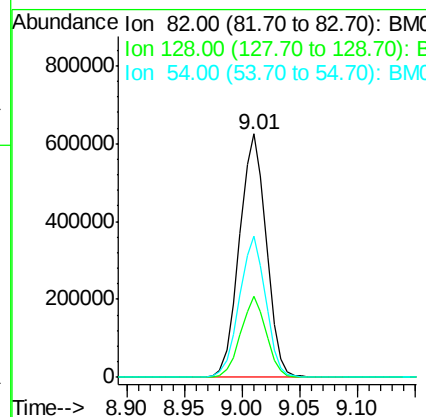
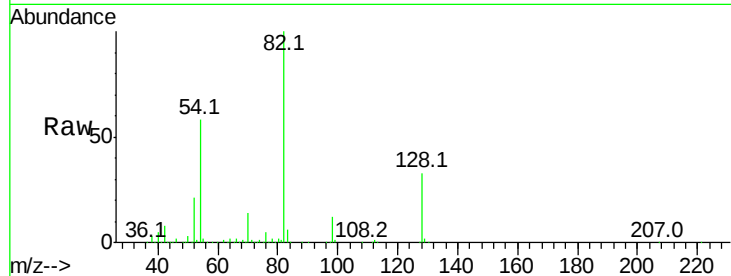




#23
 Nitrobenzene-d5
 Concen: 105.26 ng
 RT: 9.01 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BM009542.D
 Acq: 04 Apr 2017 22:39

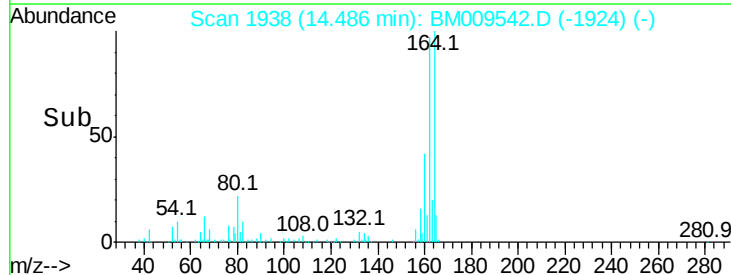
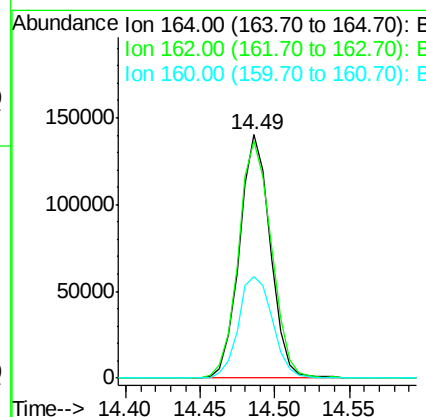
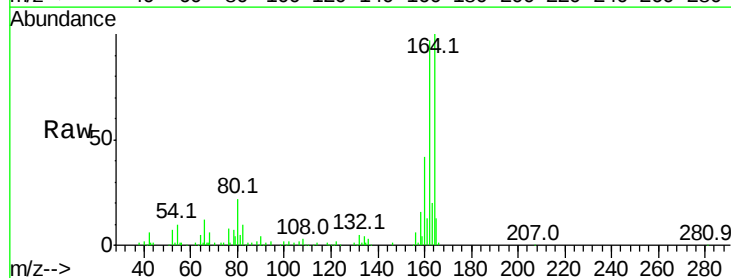
Instrument :
 BNA_M
 ClientSampleId :
 LSS-SP10-COMP

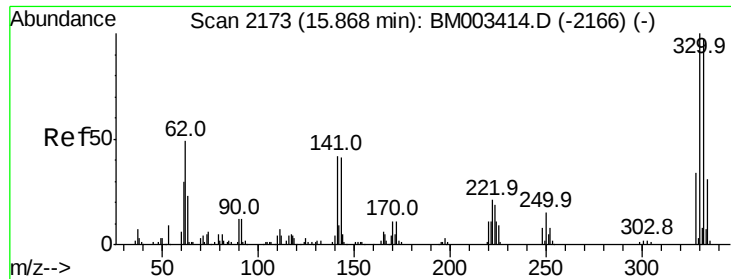
Tot Ion: 82 Resp: 1010614
 Ion Ratio Lower Upper
 82 100
 128 33.1 32.8 49.2
 54 58.2 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.49 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BM009542.D
 Acq: 04 Apr 2017 22:39

Tgt Ion:164 Resp: 202289
 Ion Ratio Lower Upper
 164 100
 162 97.2 82.4 123.6
 160 41.6 35.8 53.6

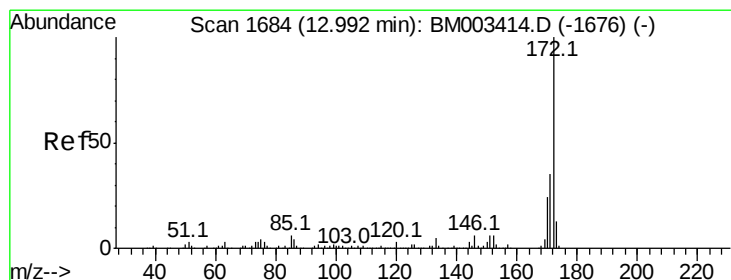
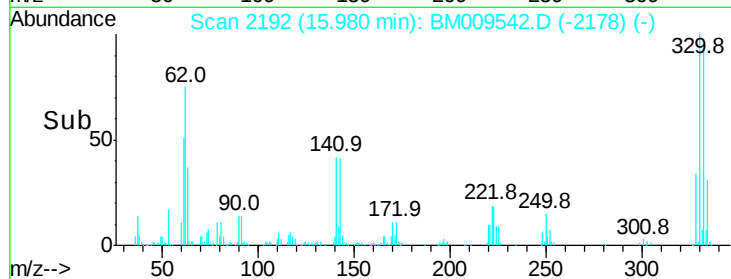
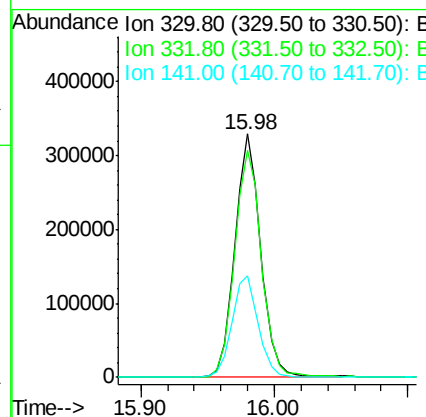
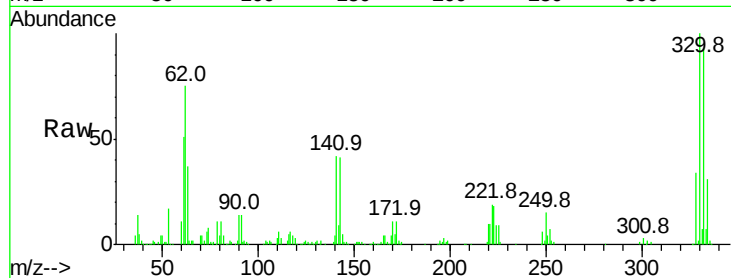




#41
 2,4,6-Tribromophenol
 Concen: 178.00 ng
 RT: 15.98 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BM009542.D
 Acq: 04 Apr 2017 22:39

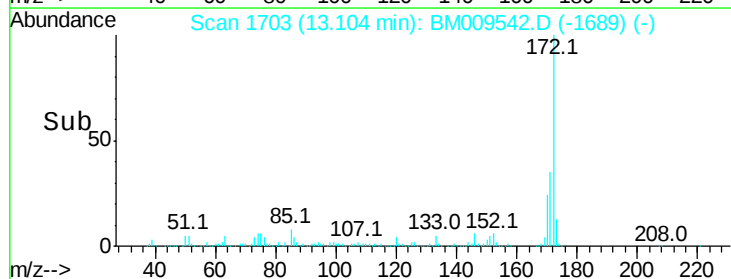
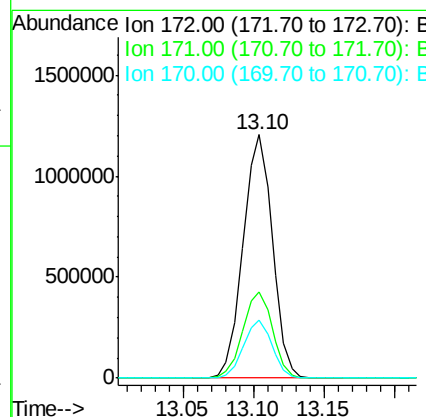
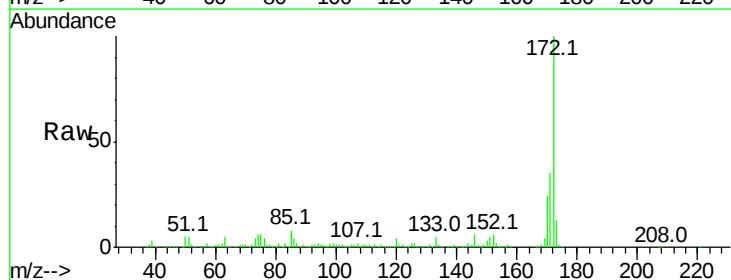
Instrument :
 BNA_M
 ClientSampleId :
 LSS-SP10-COMP

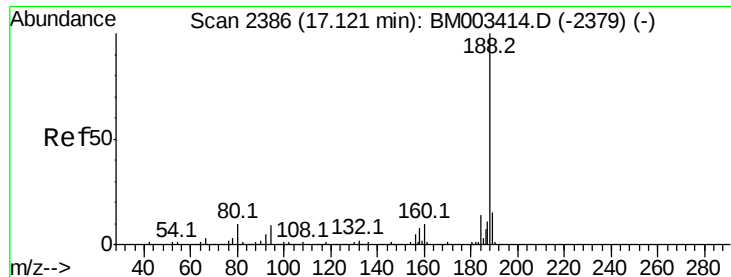
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	42.7	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 104.44 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BM009542.D
 Acq: 04 Apr 2017 22:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.6	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: BM009542.D

Acq: 04 Apr 2017 22:39

Instrument :

BNA_M

ClientSampleId :

LSS-SP10-COMP

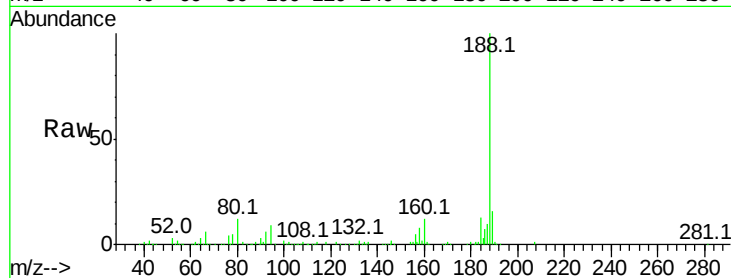
Tot Ion:188 Resp: 484375

Ion Ratio Lower Upper

188 100

94 9.4 8.7 13.1

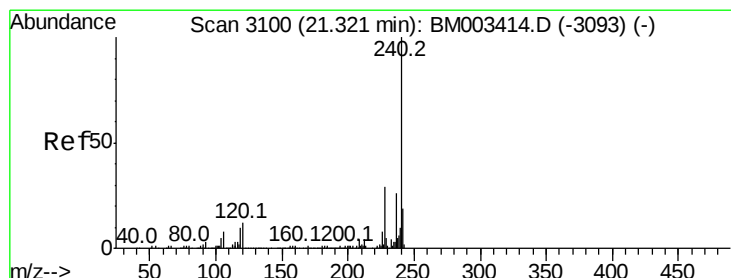
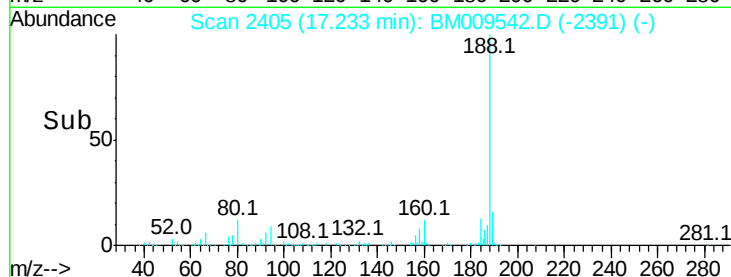
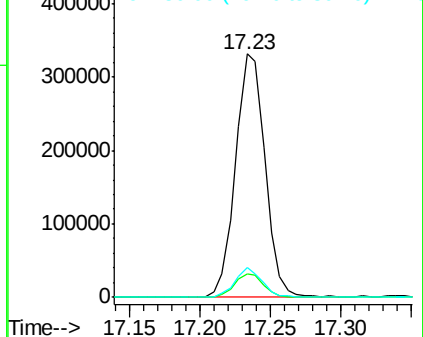
80 12.2 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.42 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM009542.D

Acq: 04 Apr 2017 22:39

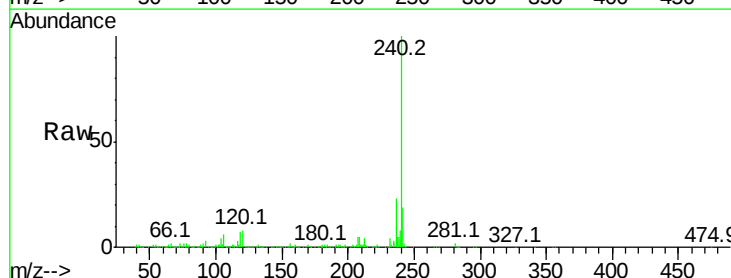
Tgt Ion:240 Resp: 660816

Ion Ratio Lower Upper

240 100

120 7.7 8.2 12.2#

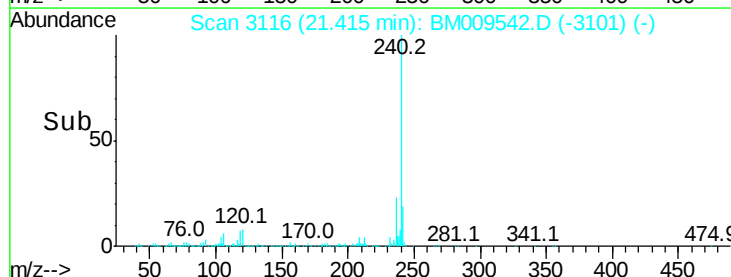
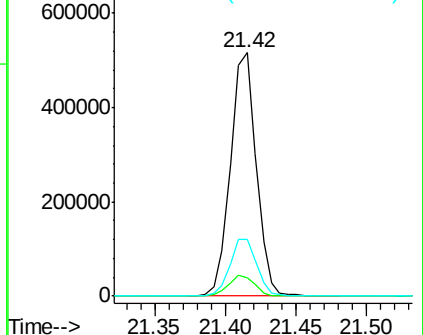
236 23.1 20.0 30.0

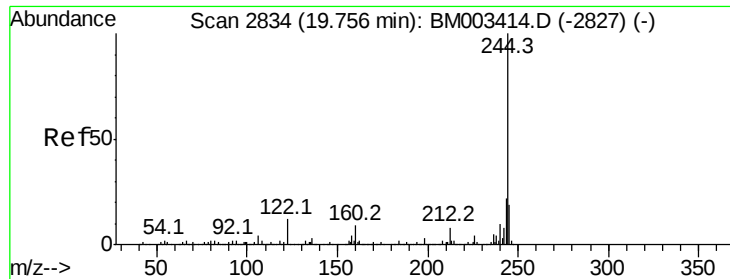


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.29 ng

RT: 19.86 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BM009542.D

Acq: 04 Apr 2017 22:39

Instrument :

BNA_M

ClientSampleId :

LSS-SP10-COMP

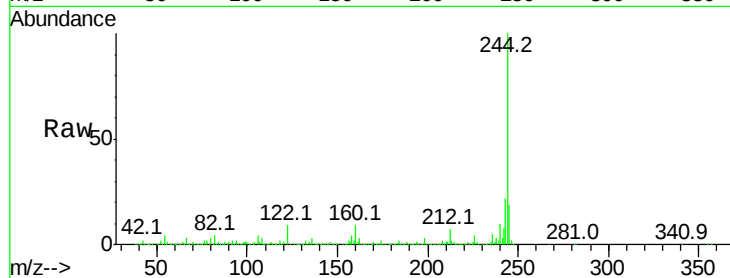
Tot Ion:244 Resp: 2918423

Ion Ratio Lower Upper

244 100

212 7.2 4.9 7.3

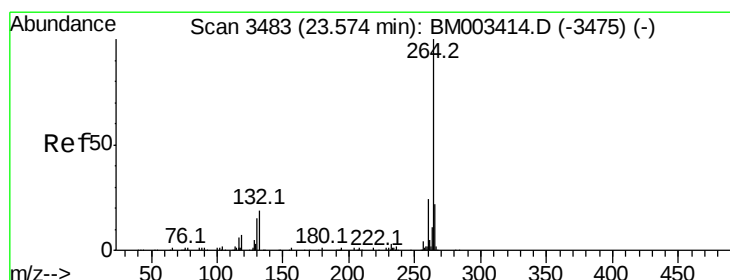
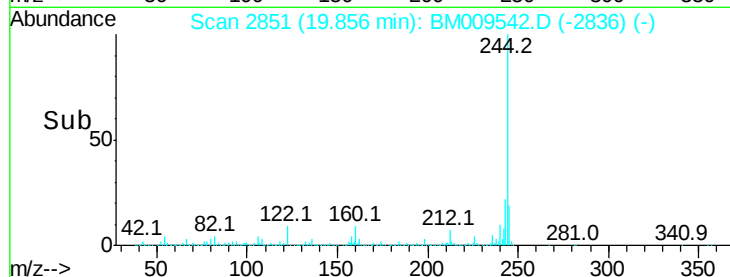
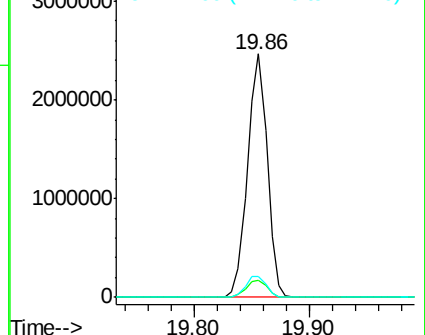
122 8.6 6.2 9.4



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.73 min Scan# 3510

Delta R.T. -0.02 min

Lab File: BM009542.D

Acq: 04 Apr 2017 22:39

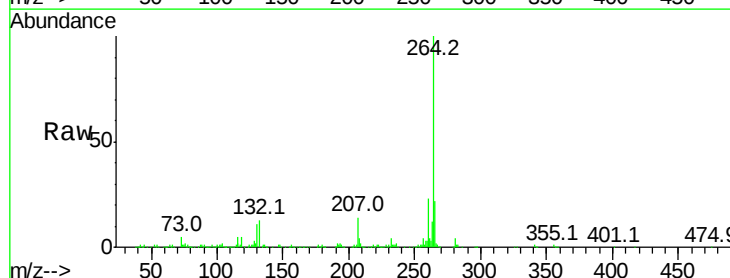
Tgt Ion:264 Resp: 636773

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 21.7 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

