

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

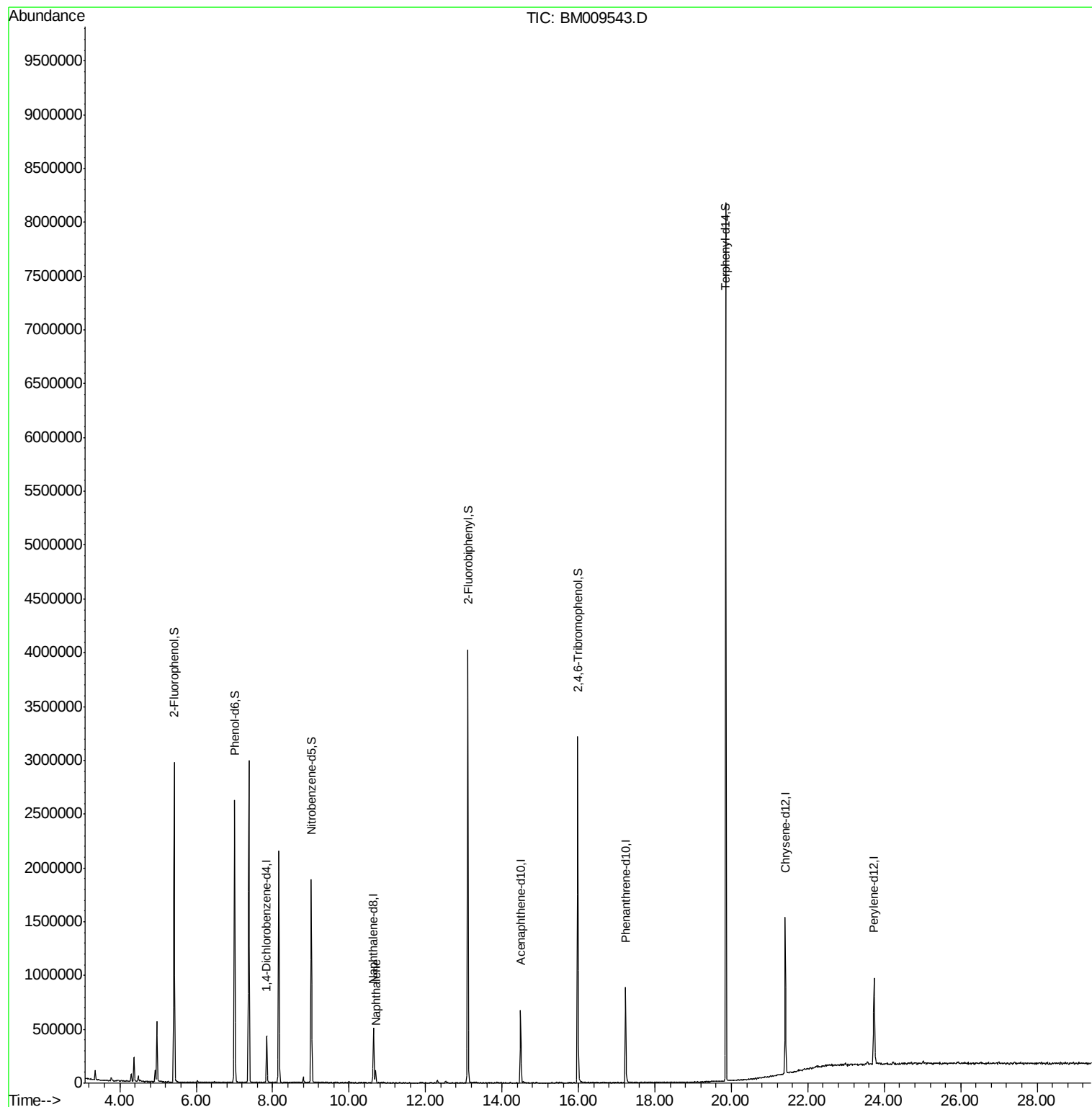
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	97228	20.00	ng	-0.02
21) Naphthalene-d8	10.64	136	348998	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	203862	20.00	ng	-0.02
63) Phenanthrene-d10	17.23	188	489782	20.00	ng	-0.02
75) Chrysene-d12	21.41	240	676846	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

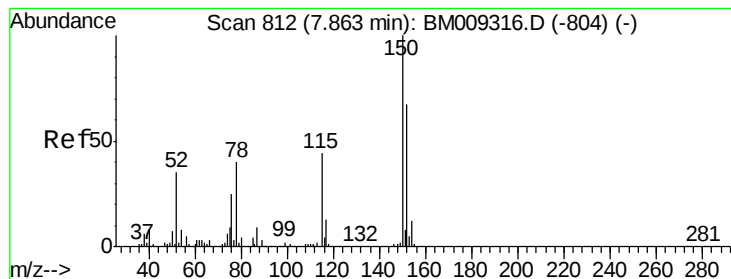
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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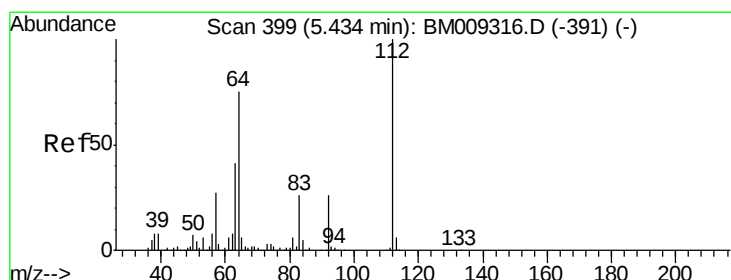
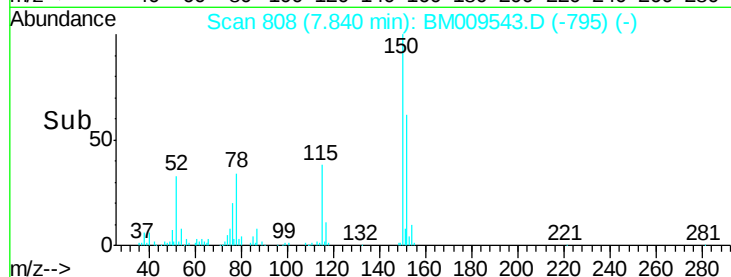
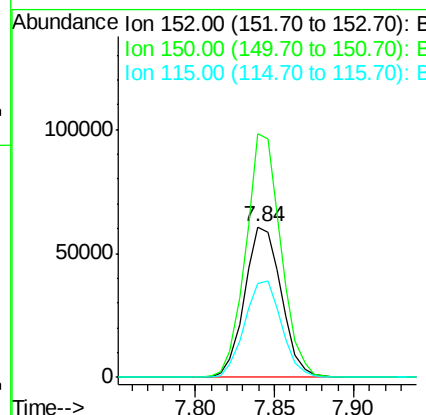
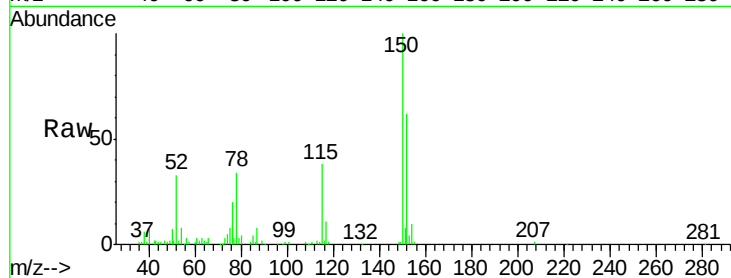


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BM009543.D
Acq: 04 Apr 2017 23:15

Instrument :
BNA_M
ClientSampleId :
LSS-SP01-COMP

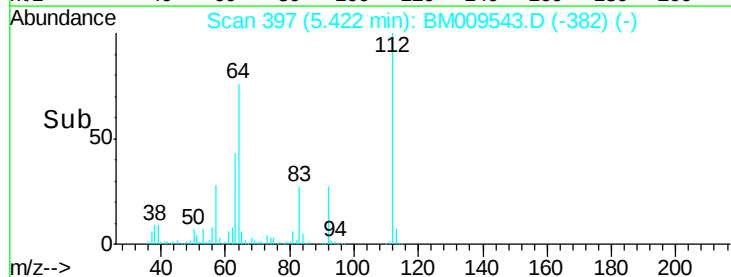
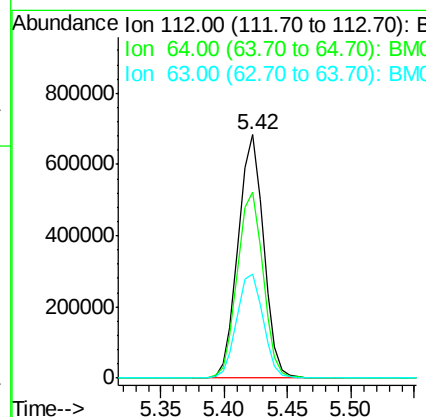
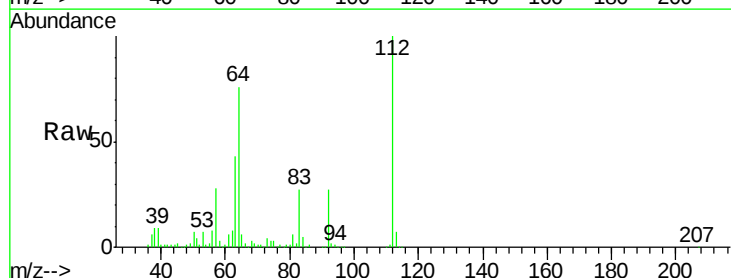
Tgt Ion:152 Resp: 97228
Ion Ratio Lower Upper
152 100
150 162.0 119.5 179.3
115 62.2 43.0 64.4

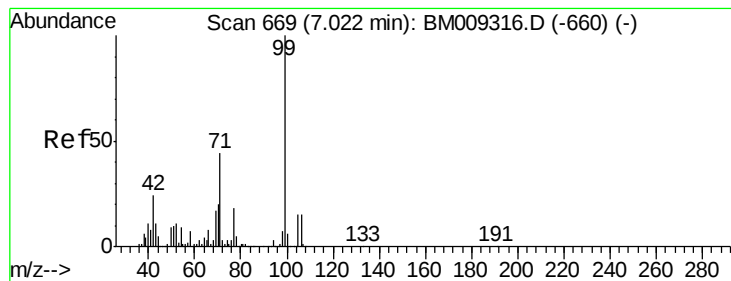


#5

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#





#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

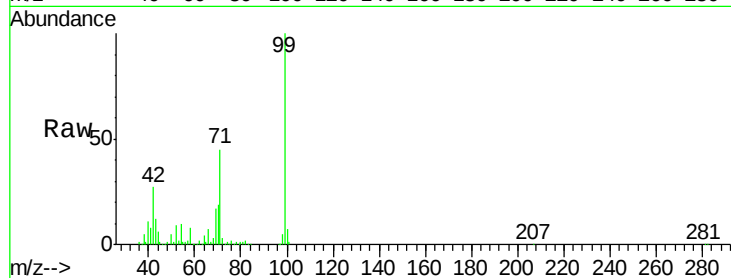
Tgt Ion: 99 Resp: 1208963

Ion Ratio Lower Upper

99 100

42 26.7 11.0 16.4#

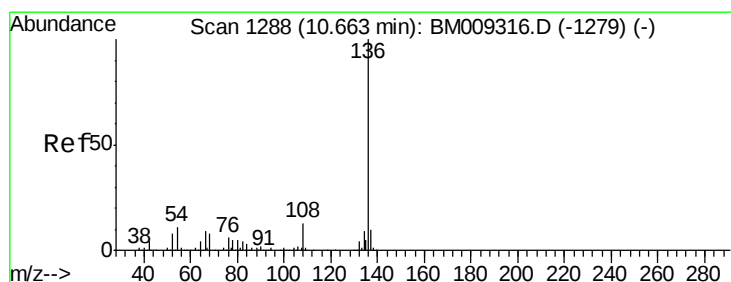
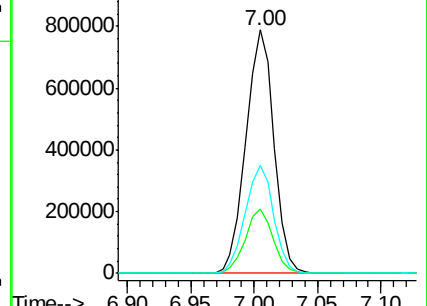
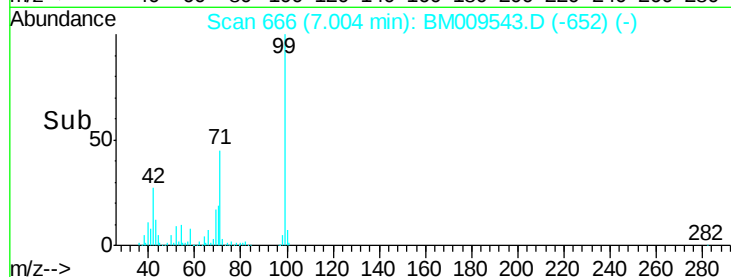
71 44.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009543.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BM009543.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BM009543.D (-652) (-)



#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

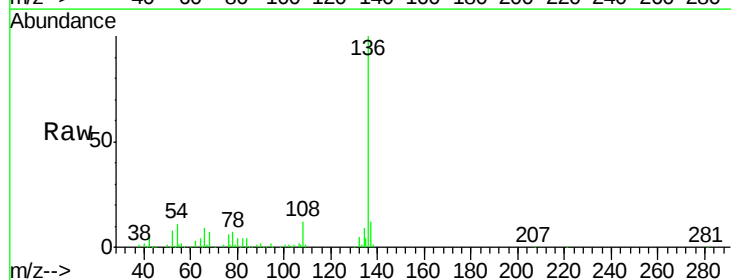
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 11.1 4.6 6.8#

68 7.4 3.7 5.5#

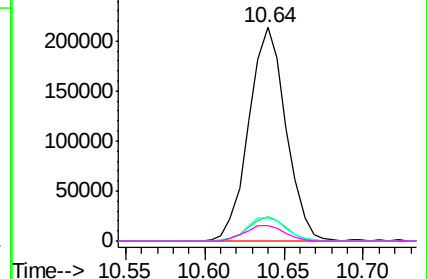
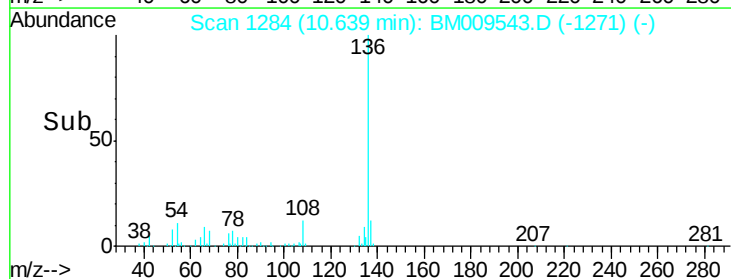


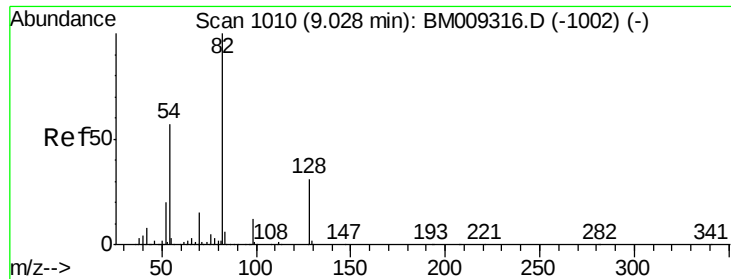
Abundance Ion 136.00 (135.70 to 136.70): BM009543.D (-1271) (-)

Ion 137.00 (136.70 to 137.70): BM009543.D (-1271) (-)

Ion 54.00 (53.70 to 54.70): BM009543.D (-1271) (-)

Ion 68.00 (67.70 to 68.70): BM009543.D (-1271) (-)

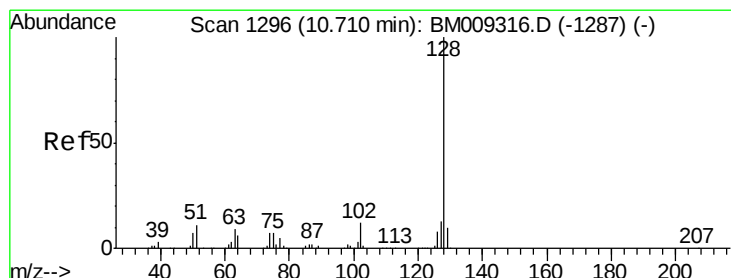
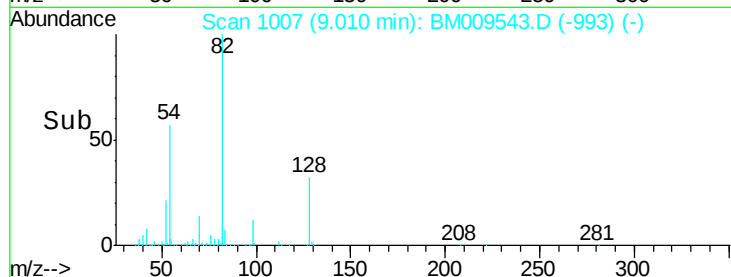
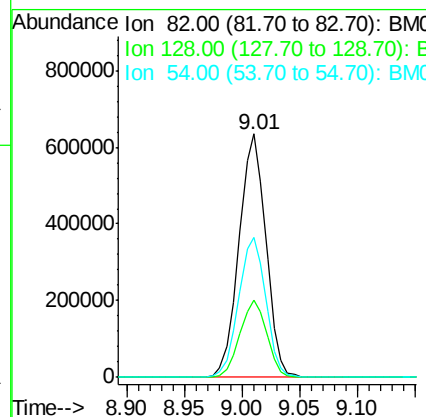
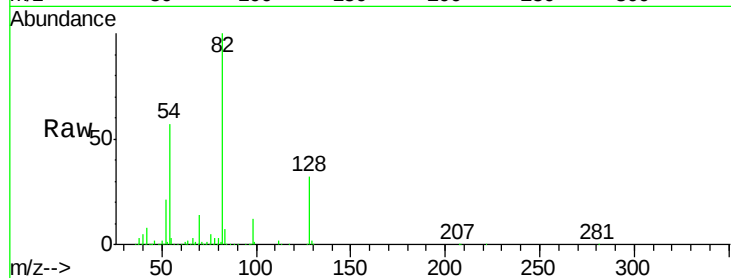




#23
 Nitrobenzene-d5
 Concen: 110.49 ng
 RT: 9.01 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BM009543.D
 Acq: 04 Apr 2017 23:15

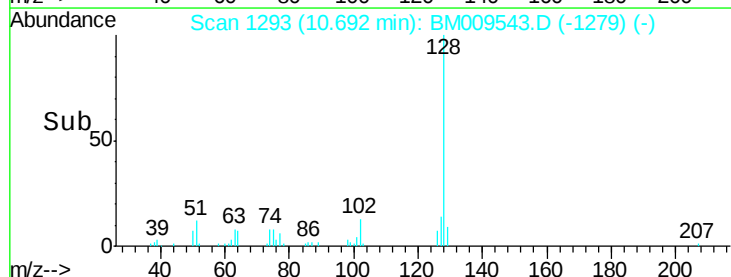
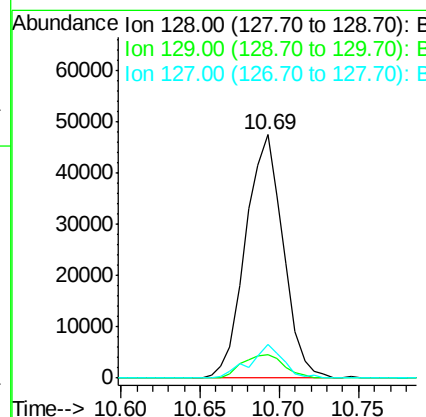
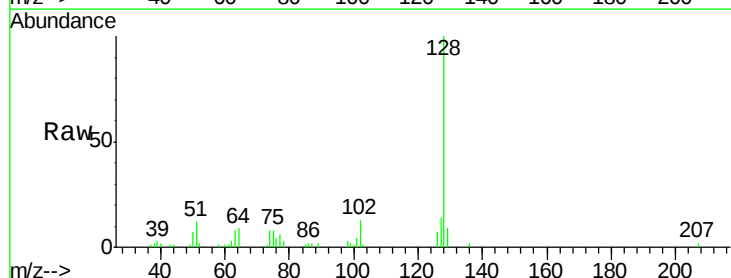
Instrument :
 BNA_M
 ClientSampleId :
 LSS-SP01-COMP

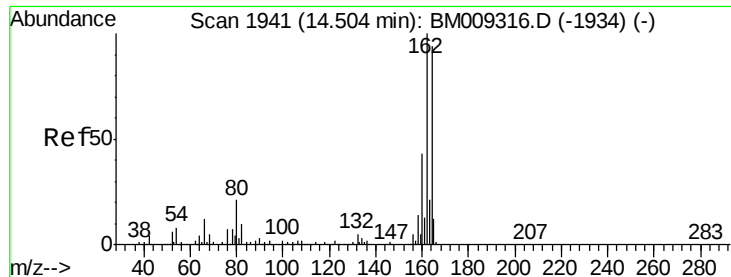
Tgt Ion: 82 Resp: 1028423
 Ion Ratio Lower Upper
 82 100
 128 31.6 32.8 49.2#
 54 57.3 40.6 60.8



#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

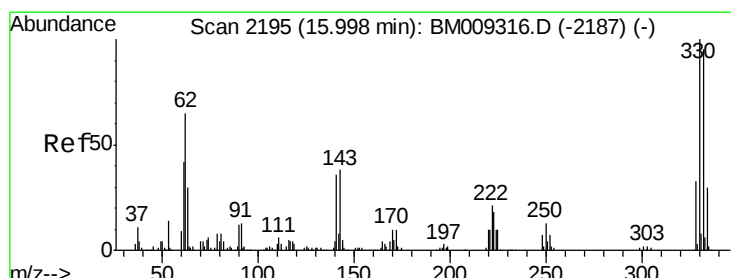
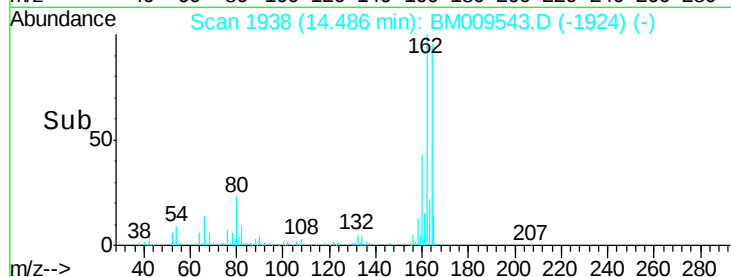
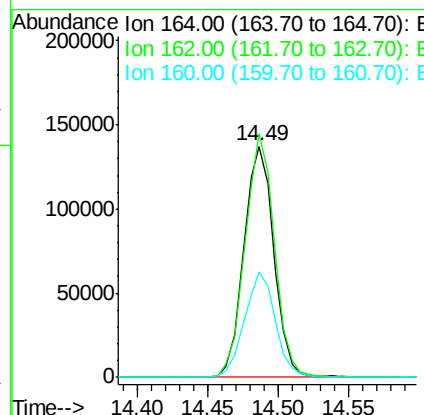
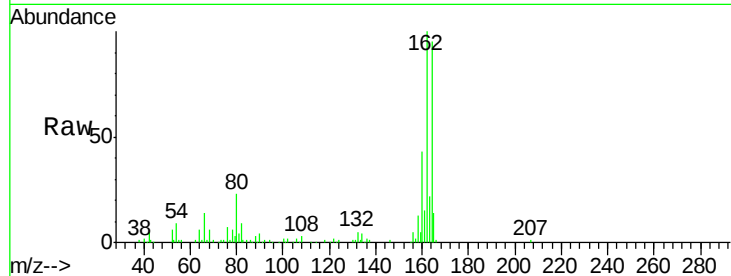




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.49 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BM009543.D
Acq: 04 Apr 2017 23:15

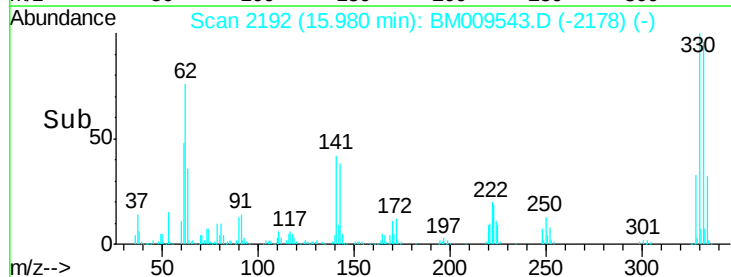
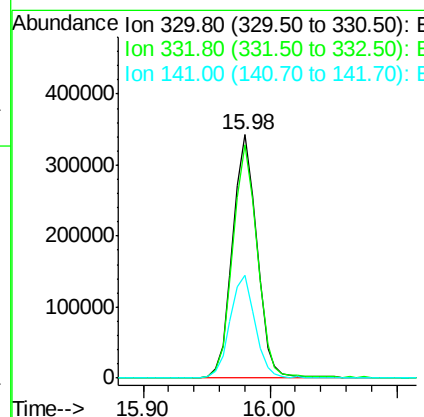
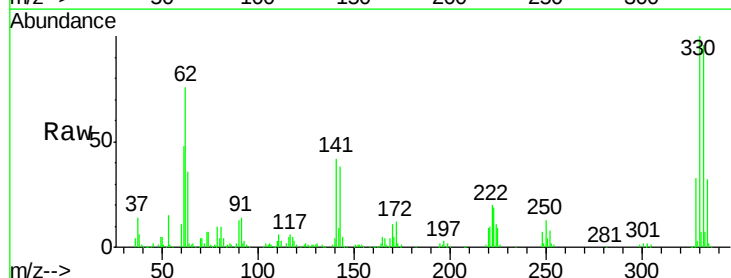
Instrument :
BNA_M
ClientSampleId :
LSS-SP01-COMP

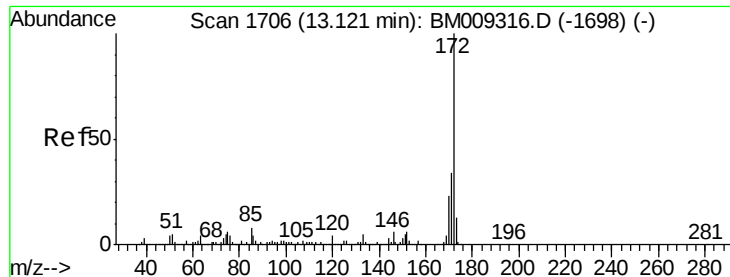
Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.4	123.6
160	45.7	35.8	53.6



#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	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	43.4	0.0	0.0#

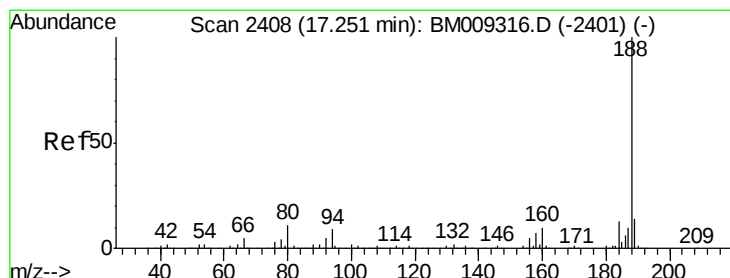
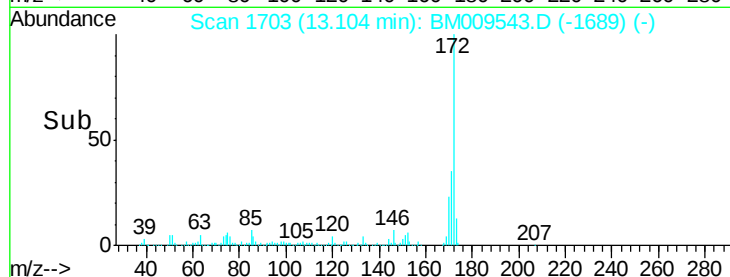
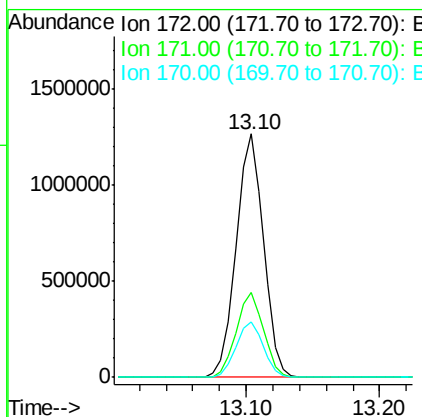
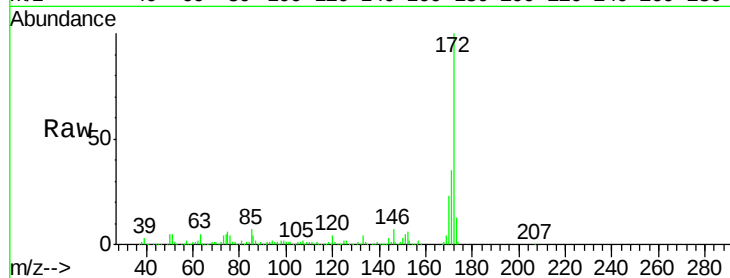




#44
 2-Fluorobiphenyl
 Concen: 106.69 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BM009543.D
 Acq: 04 Apr 2017 23:15

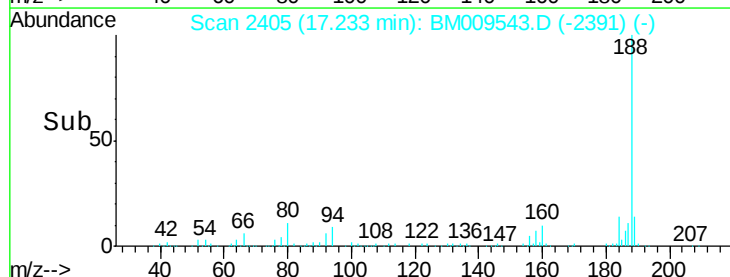
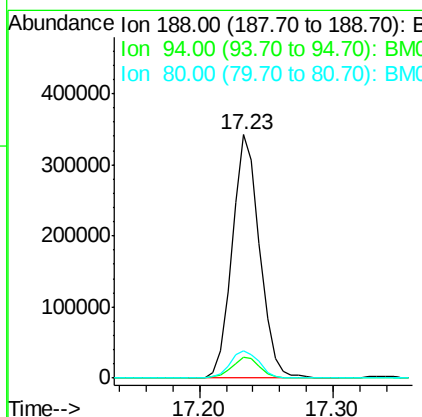
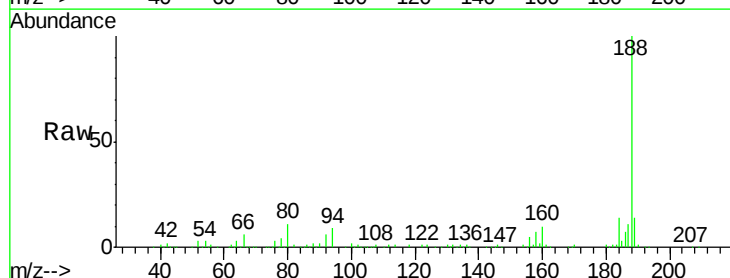
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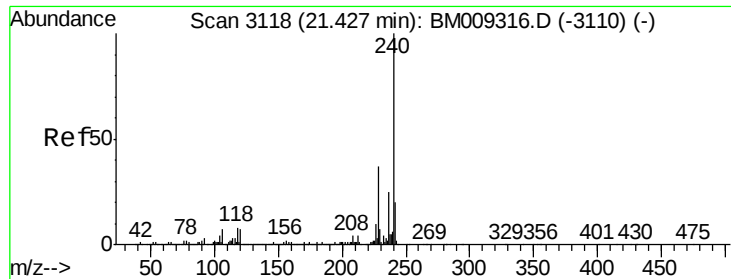
Tgt Ion:172 Resp: 1805117
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.5 42.7
 170 22.6 18.8 28.2



#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

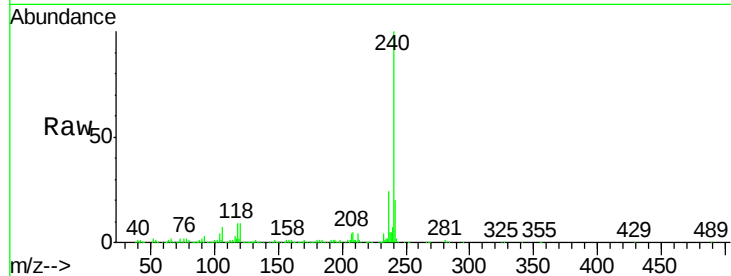
Tgt Ion:240 Resp: 676846

Ion Ratio Lower Upper

240 100

120 9.2 8.2 12.2

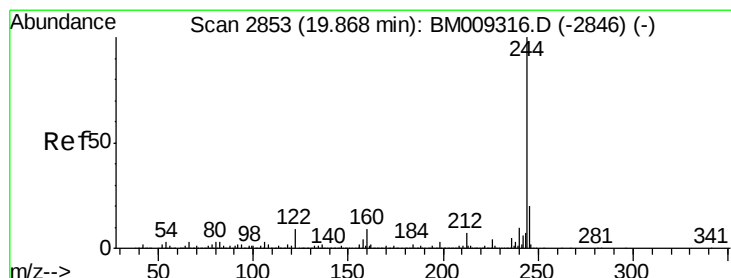
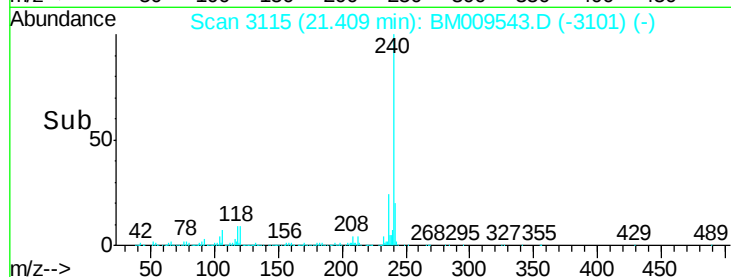
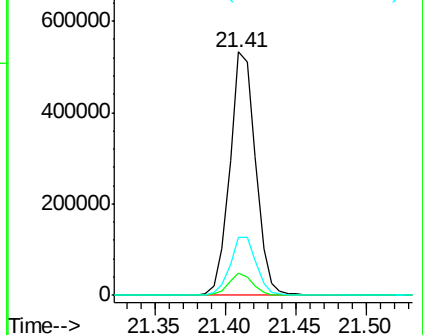
236 23.8 20.0 30.0



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

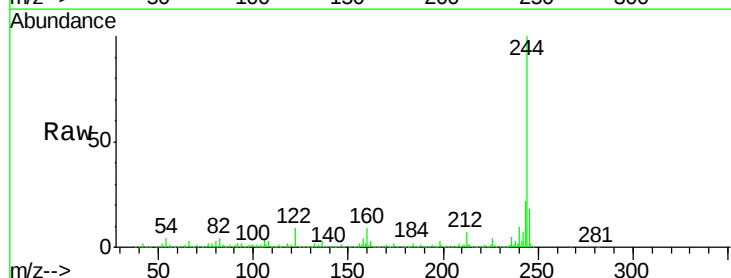
Tgt Ion:244 Resp: 3154626

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

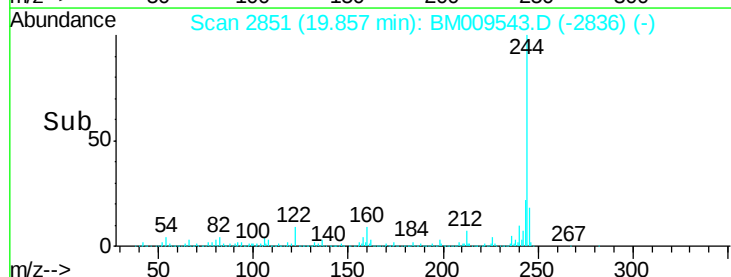
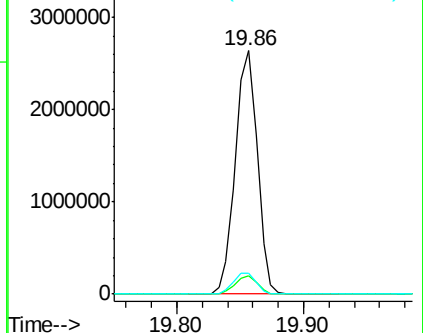
122 8.8 6.2 9.4

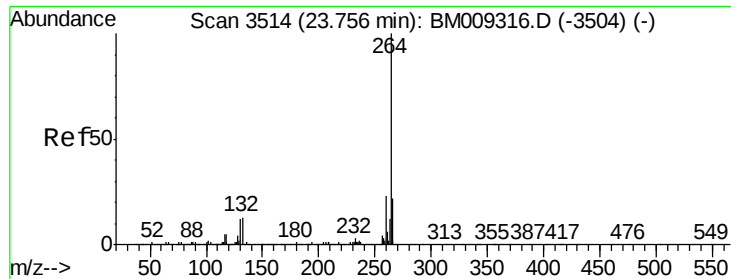


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.5	18.6	27.8
265	22.0	17.3	25.9

