

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040517\
 Data File : BM009541.D
 Acq On : 04 Apr 2017 22:03
 Operator : SJ/MA
 Sample : I2493-26
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LSS-SP09-COMP

Quant Time: Apr 05 02:19:13 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	93728	20.00	ng	-0.02
21) Naphthalene-d8	10.64	136	355608	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	202462	20.00	ng	-0.02
63) Phenanthrene-d10	17.24	188	505654	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	699843	20.00	ng	-0.01
86) Perylene-d12	23.73	264	659660	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	952092	169.32	ng	-0.01
7) Phenol-d6	7.00	99	1215702	158.54	ng	-0.02
23) Nitrobenzene-d5	9.01	82	1013911	106.90	ng	-0.02
41) 2,4,6-Tribromophenol	15.98	330	451912	179.67	ng	-0.02
44) 2-Fluorobiphenyl	13.10	172	1767261	105.18	ng	-0.02
78) Terphenyl-d14	19.86	244	3148670	94.01	ng	-0.01

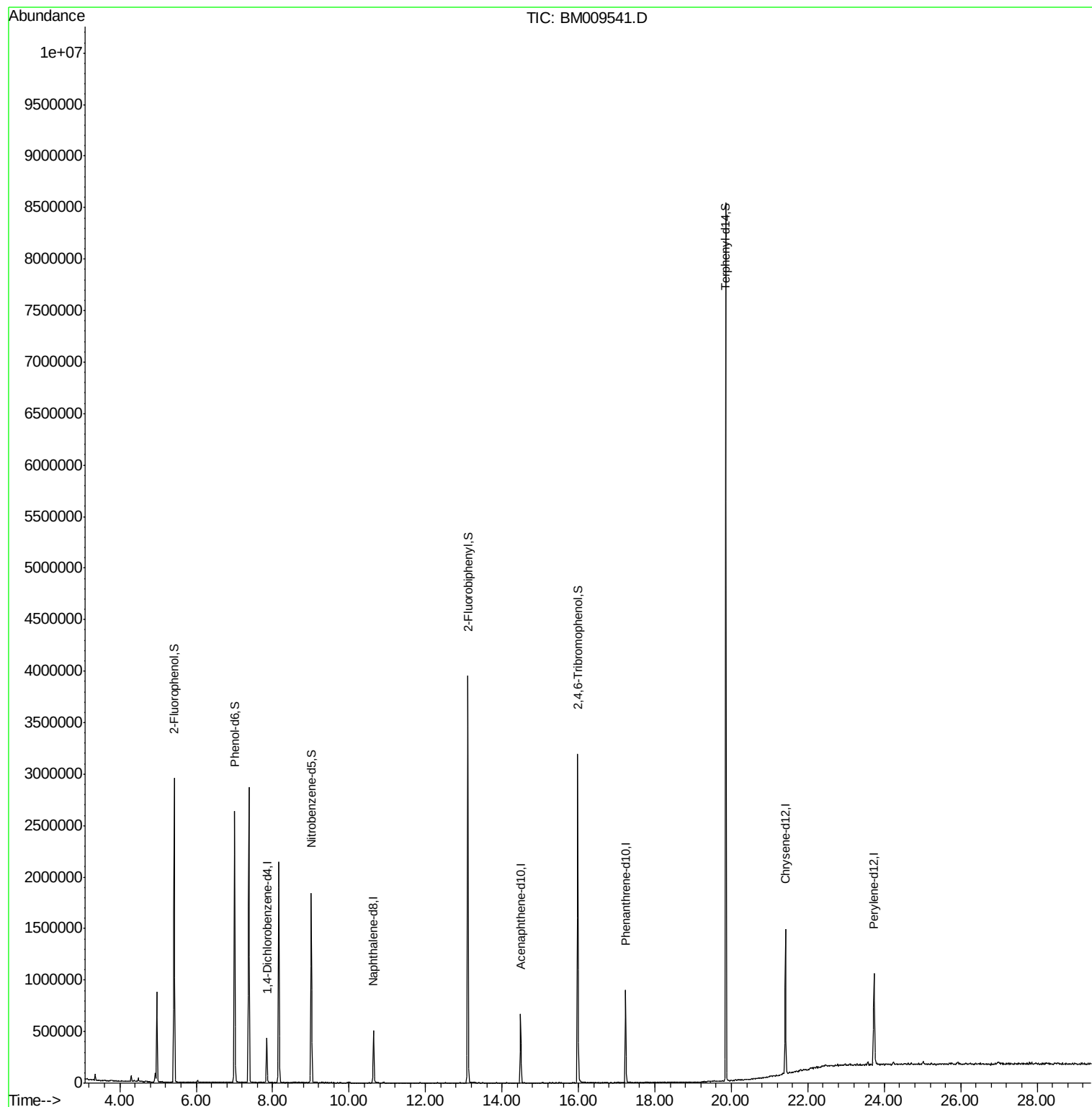
Target Compounds	Qvalue
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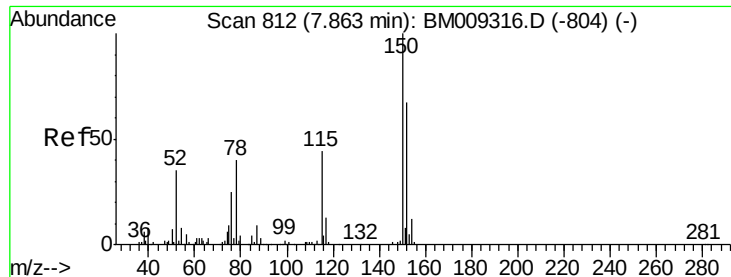
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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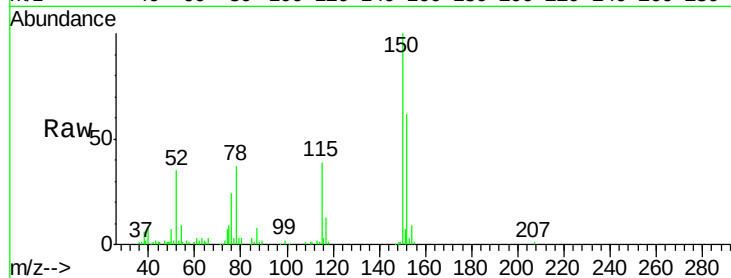


#1

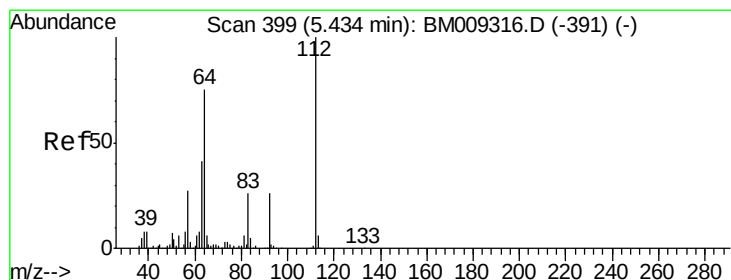
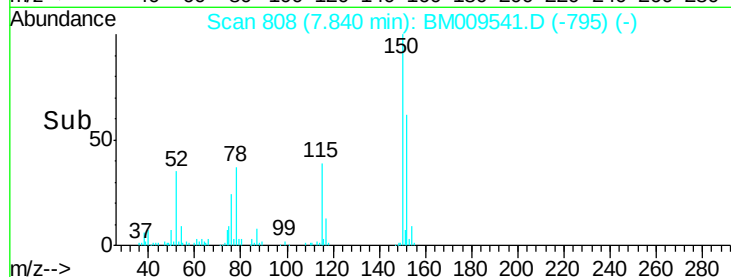
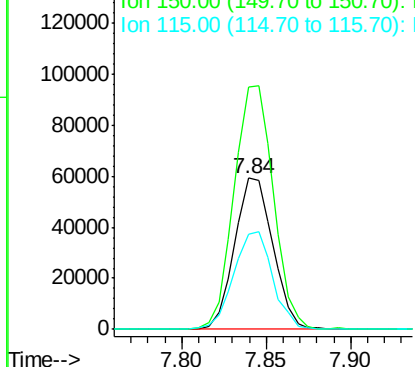
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BM009541.D
Acq: 04 Apr 2017 22:03

Instrument :
BNA_M
ClientSampleId :
LSS-SP09-COMP

Tgt Ion:152 Resp: 93728
Ion Ratio Lower Upper
152 100
150 160.7 119.5 179.3
115 62.7 43.0 64.4



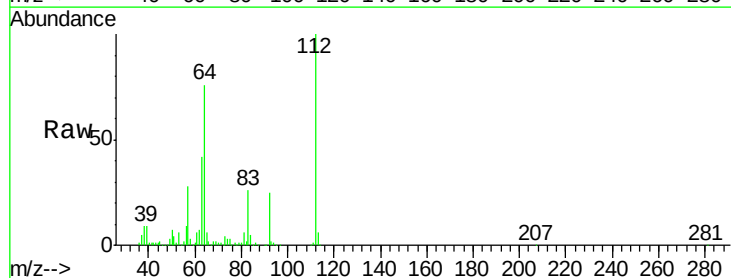
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



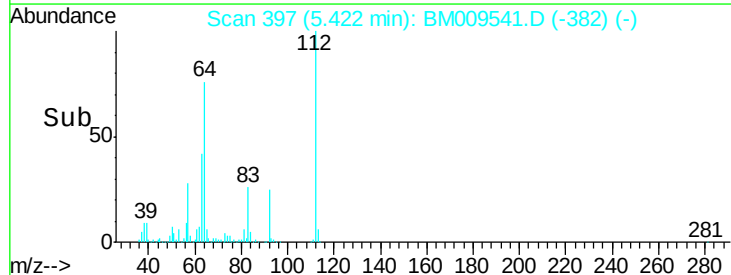
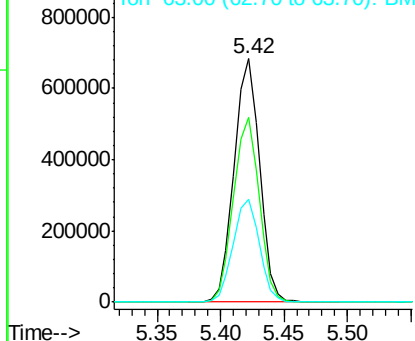
#5

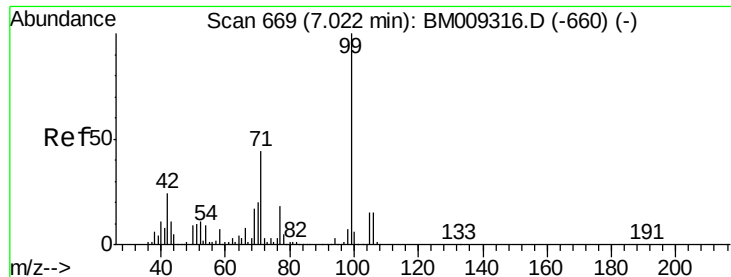
2-Fluorophenol
Concen: 169.32 ng
RT: 5.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BM009541.D
Acq: 04 Apr 2017 22:03

Tgt Ion:112 Resp: 952092
Ion Ratio Lower Upper
112 100
64 75.7 38.6 57.8#
63 42.3 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: 158.54 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009541.D

Acq: 04 Apr 2017 22:03

Instrument :

BNA_M

ClientSampleId :

LSS-SP09-COMP

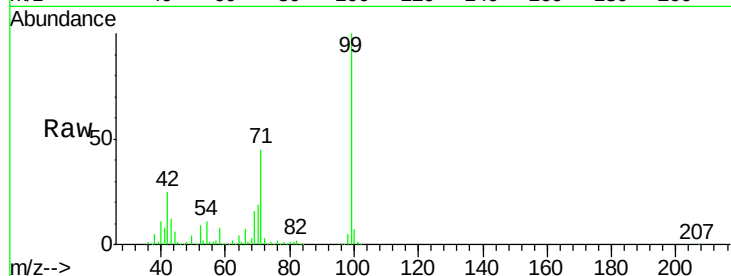
Tgt Ion: 99 Resp: 1215702

Ion Ratio Lower Upper

99 100

42 24.7 11.0 16.4#

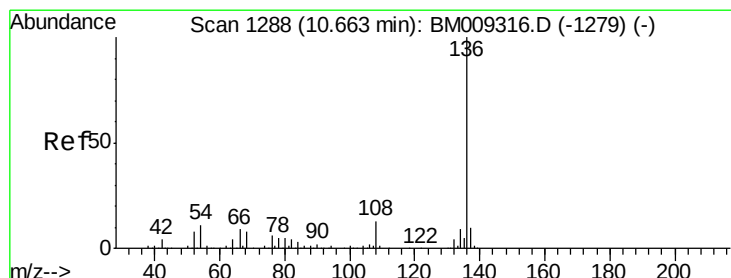
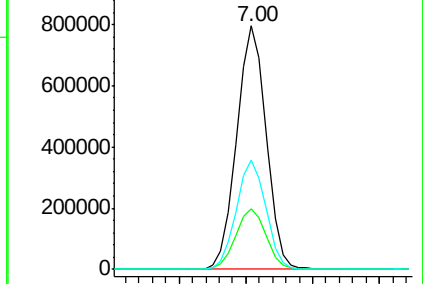
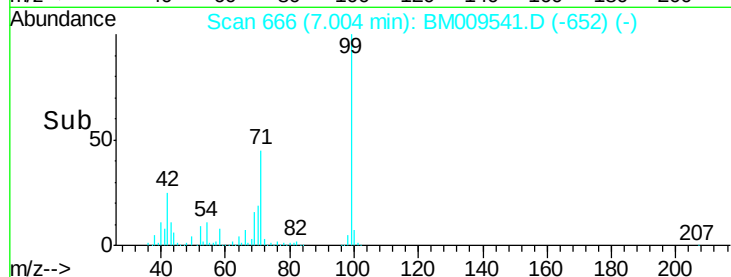
71 44.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009541.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BM009541.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BM009541.D (-652) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BM009541.D

Acq: 04 Apr 2017 22:03

Tgt Ion: 136 Resp: 355608

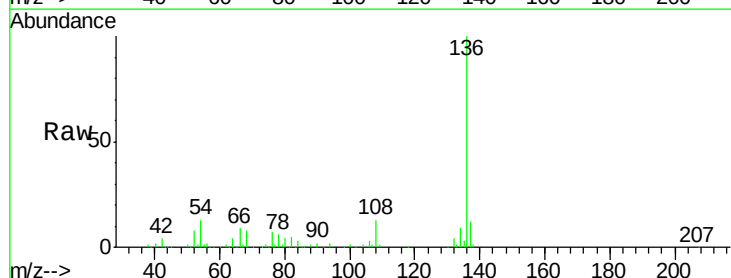
Ion Ratio Lower Upper

136 100

137 11.9 8.7 13.1

54 12.6 4.6 6.8#

68 7.7 3.7 5.5#

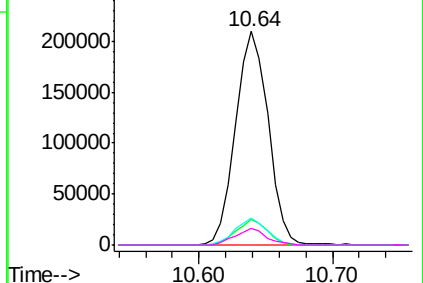
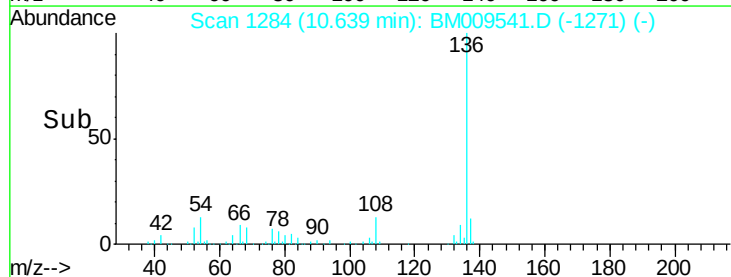


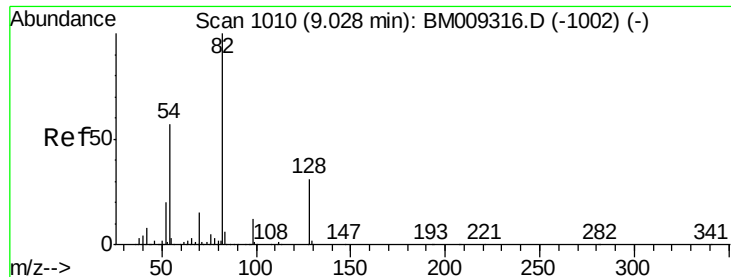
Abundance Ion 136.00 (135.70 to 136.70): BM009541.D (-1271) (-)

Ion 137.00 (136.70 to 137.70): BM009541.D (-1271) (-)

Ion 54.00 (53.70 to 54.70): BM009541.D (-1271) (-)

Ion 68.00 (67.70 to 68.70): BM009541.D (-1271) (-)

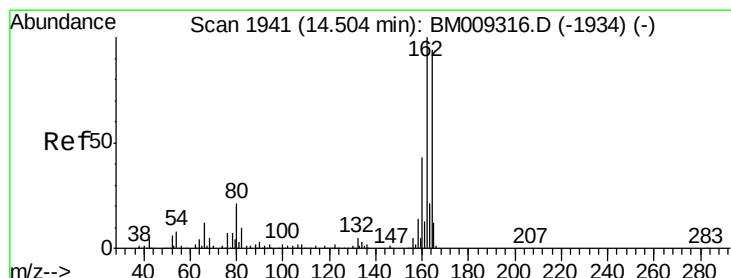
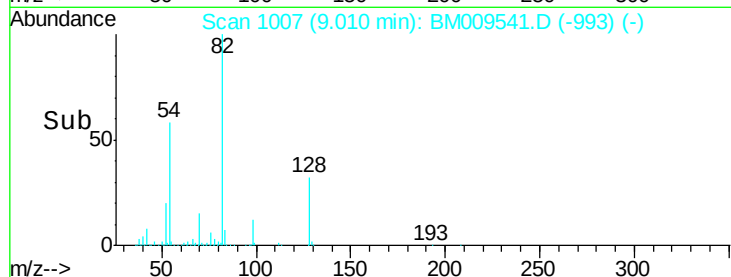
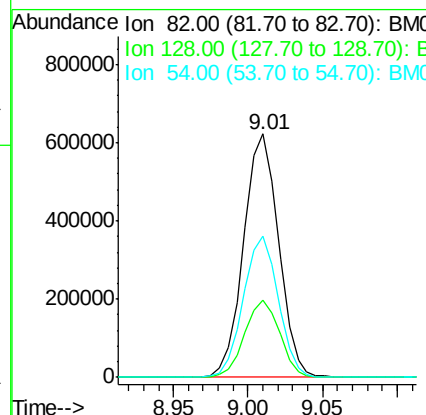
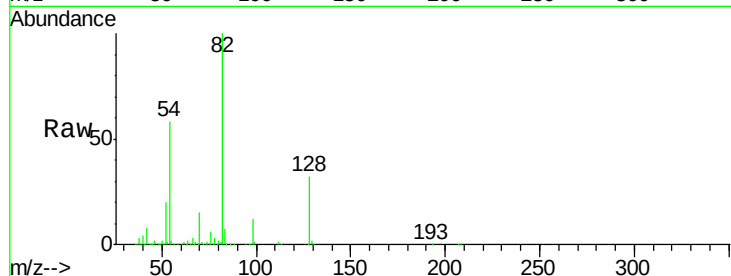




#23
 Nitrobenzene-d5
 Concen: 106.90 ng
 RT: 9.01 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BM009541.D
 Acq: 04 Apr 2017 22:03

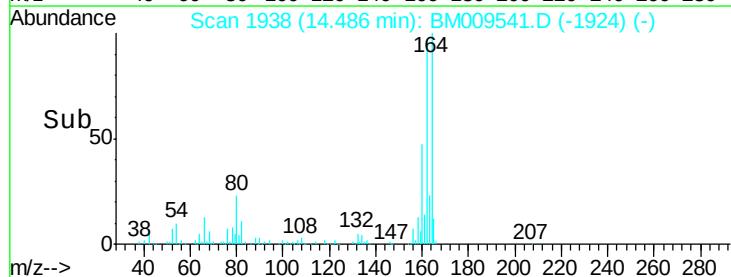
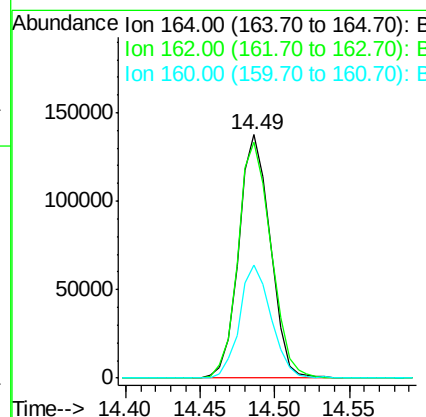
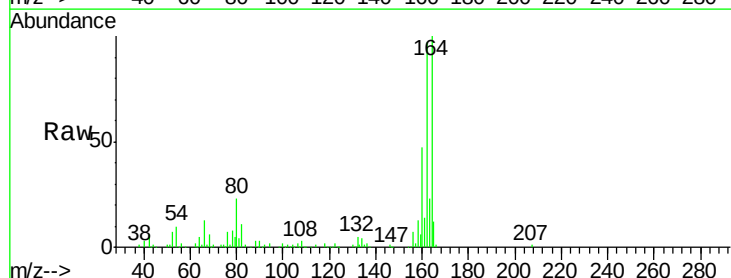
Instrument :
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 LSS-SP09-COMP

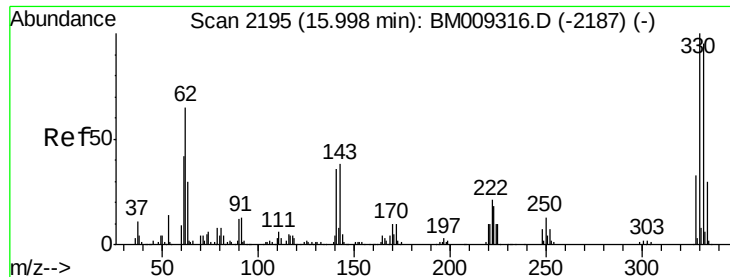
Tgt Ion: 82 Resp: 1013911
 Ion Ratio Lower Upper
 82 100
 128 31.8 32.8 49.2#
 54 57.7 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.49 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BM009541.D
 Acq: 04 Apr 2017 22:03

Tgt Ion: 164 Resp: 202462
 Ion Ratio Lower Upper
 164 100
 162 96.8 82.4 123.6
 160 46.6 35.8 53.6

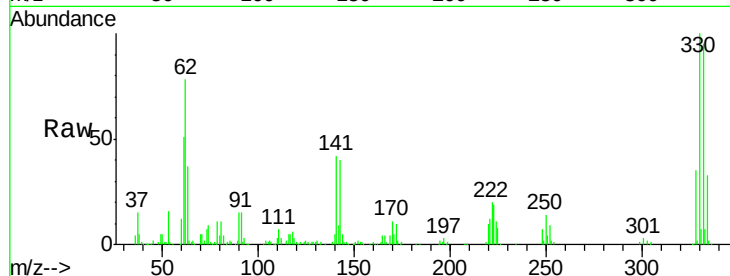




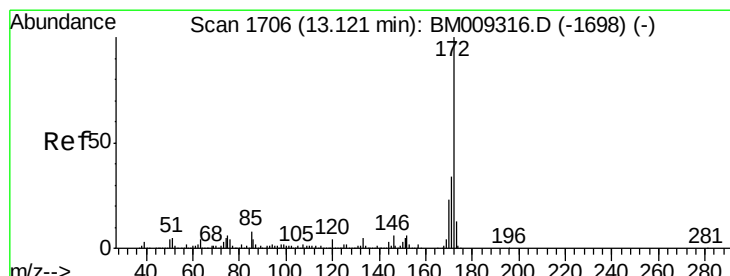
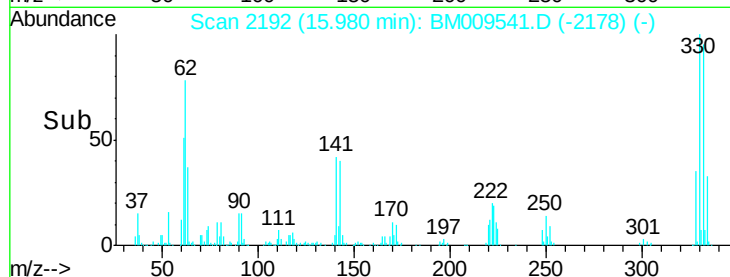
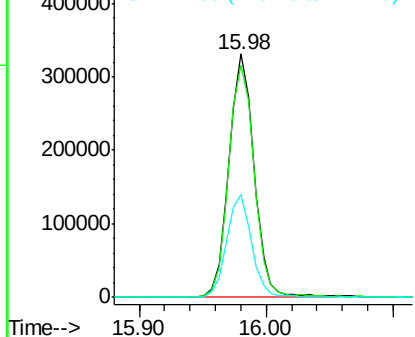
#41
 2,4,6-Tribromophenol
 Concen: 179.67 ng
 RT: 15.98 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BM009541.D
 Acq: 04 Apr 2017 22:03

Instrument :
 BNA_M
 ClientSampleId :
 LSS-SP09-COMP

Tgt Ion:330 Resp: 451912
 Ion Ratio Lower Upper
 330 100
 332 97.4 0.0 0.0#
 141 42.1 0.0 0.0#

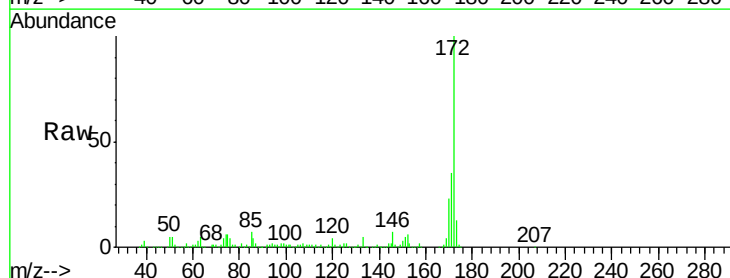


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

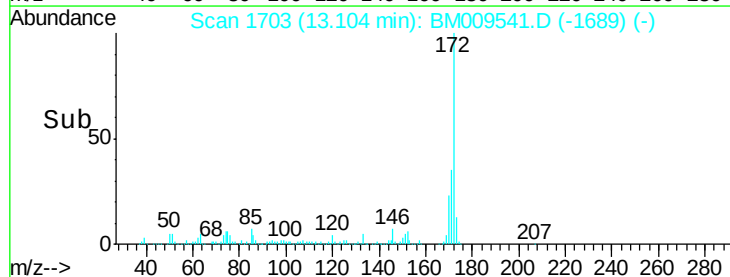
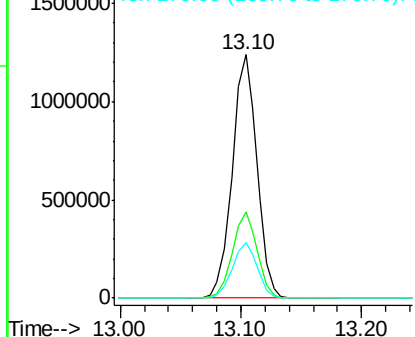


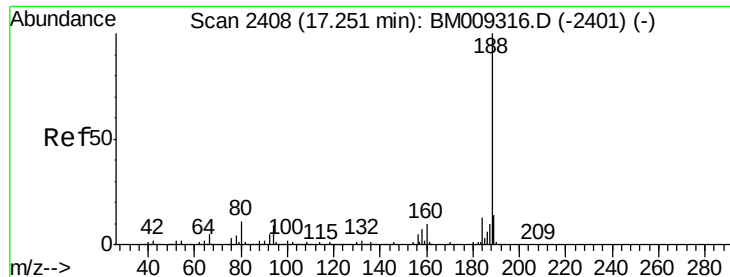
#44
 2-Fluorobiphenyl
 Concen: 105.18 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BM009541.D
 Acq: 04 Apr 2017 22:03

Tgt Ion:172 Resp: 1767261
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 22.5 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

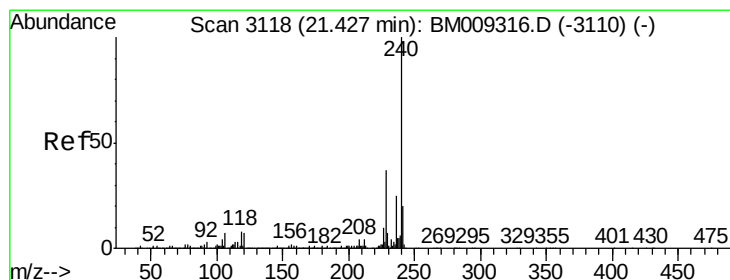
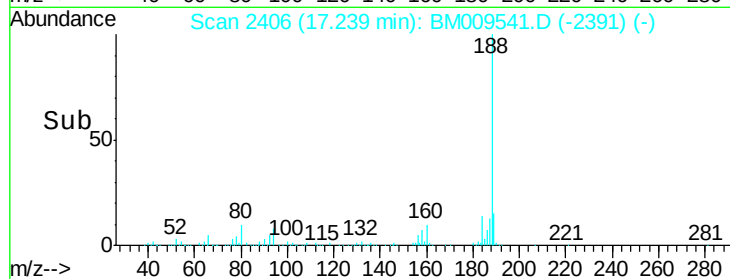
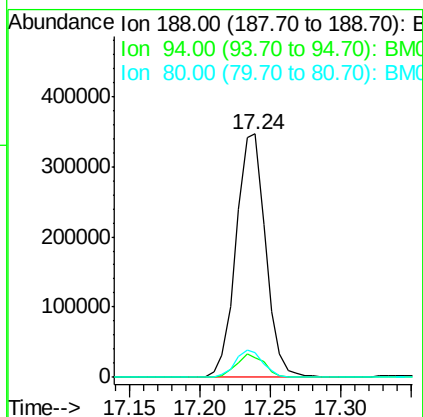
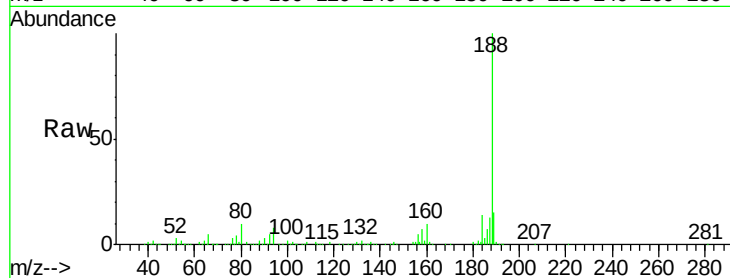




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM009541.D
Acq: 04 Apr 2017 22:03

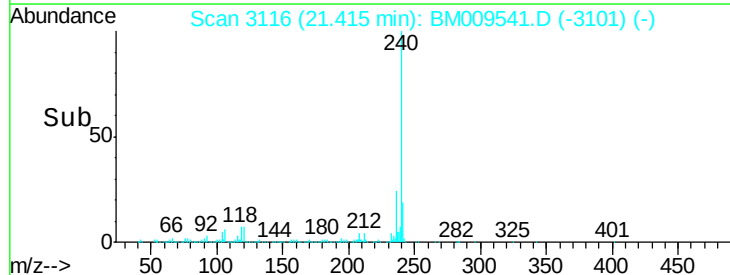
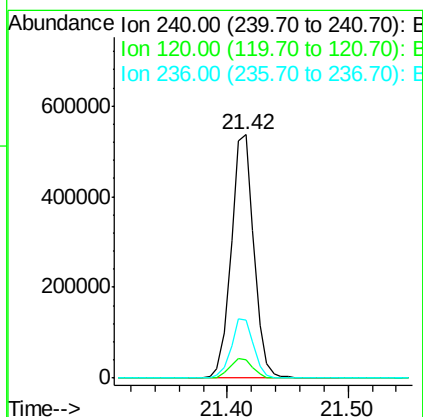
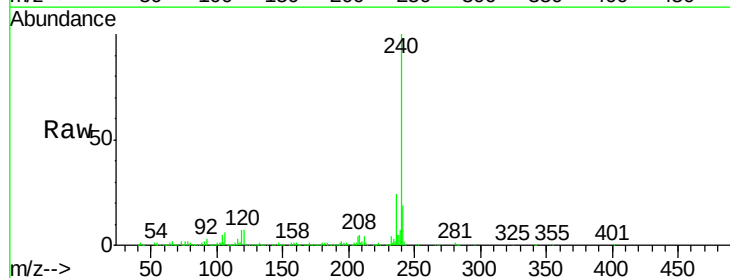
Instrument :
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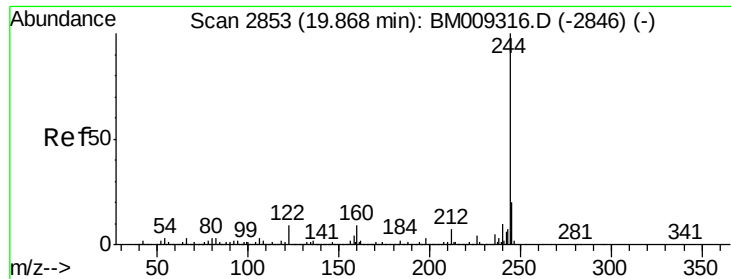
Tgt Ion:188 Resp: 505654
Ion Ratio Lower Upper
188 100
94 8.0 8.7 13.1#
80 10.2 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.42 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM009541.D
Acq: 04 Apr 2017 22:03

Tgt Ion:240 Resp: 699843
Ion Ratio Lower Upper
240 100
120 7.5 8.2 12.2#
236 23.8 20.0 30.0





#78

Terphenyl-d14

Concen: 94.01 ng

RT: 19.86 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BM009541.D

Acq: 04 Apr 2017 22:03

Instrument :

BNA_M

ClientSampleId :

LSS-SP09-COMP

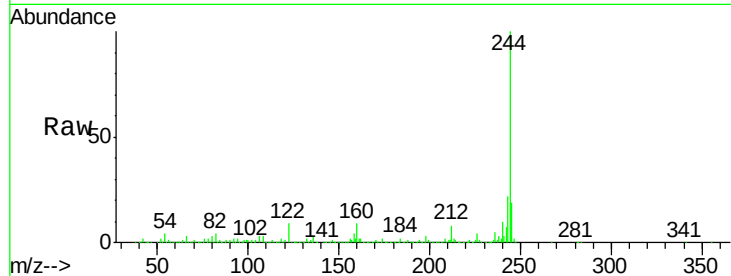
Tgt Ion:244 Resp: 3148670

Ion Ratio Lower Upper

244 100

212 7.7 4.9 7.3#

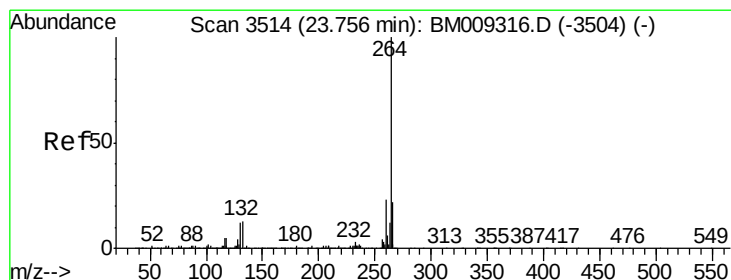
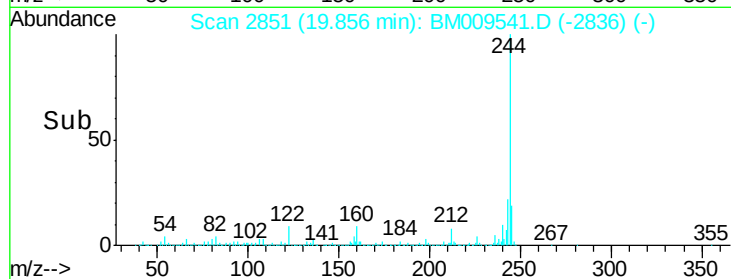
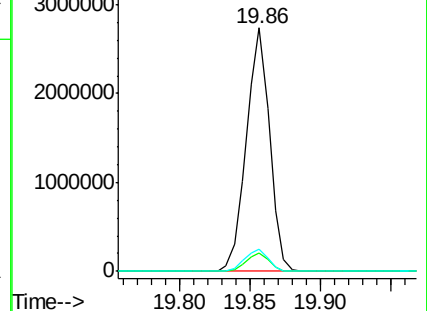
122 9.2 6.2 9.4



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: BM009541.D

Acq: 04 Apr 2017 22:03

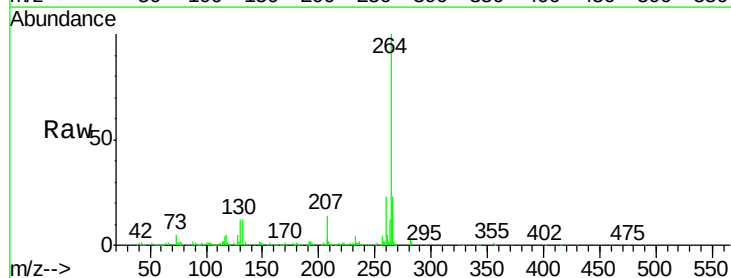
Tgt Ion:264 Resp: 659660

Ion Ratio Lower Upper

264 100

260 22.7 18.6 27.8

265 23.2 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

