

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040517\
 Data File : BM009535.D
 Acq On : 04 Apr 2017 18:27
 Operator : SJ/MA
 Sample : I2493-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LSS-SP05-COMP

Quant Time: Apr 05 02:16:53 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

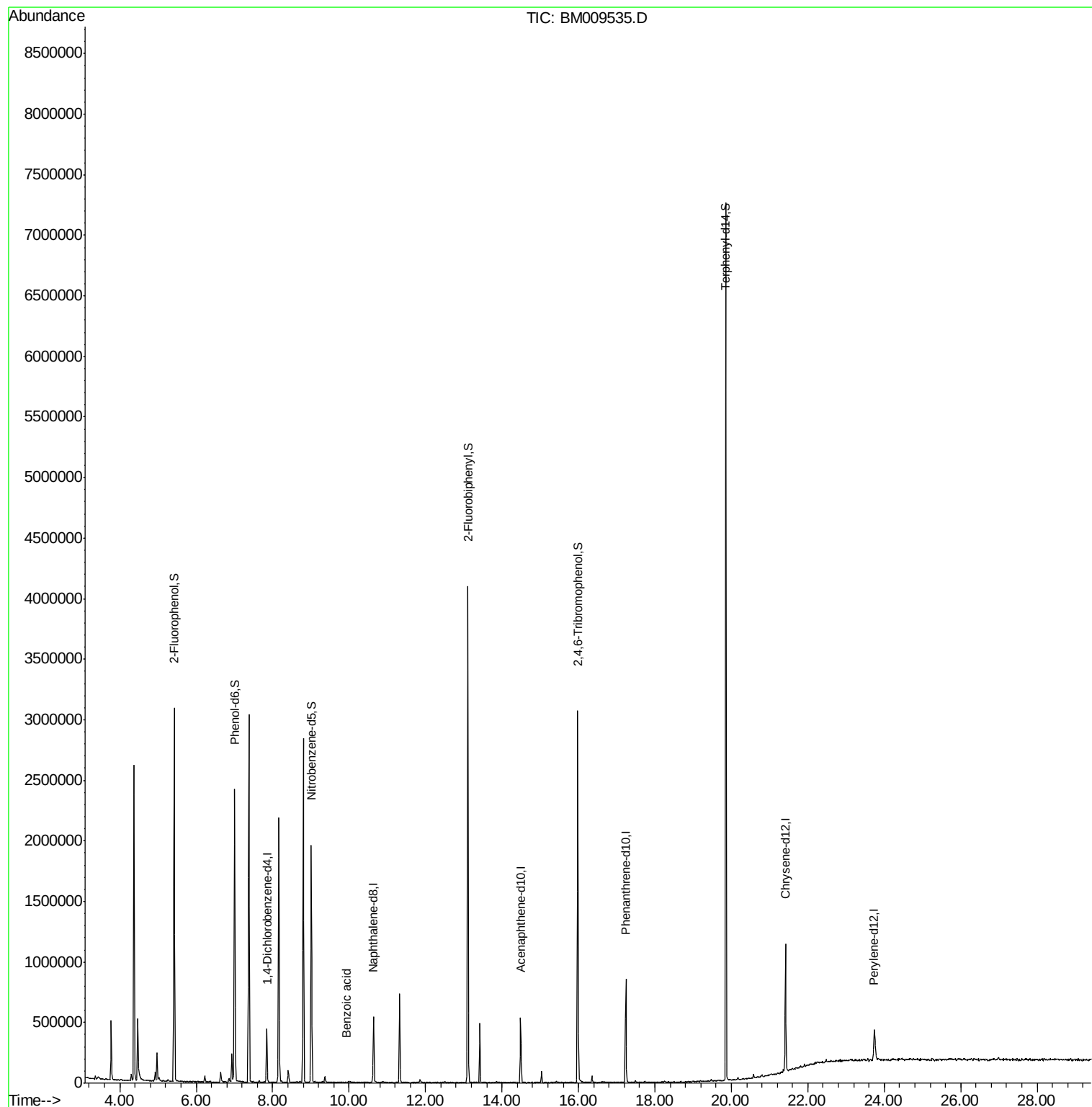
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	100140	20.00	ng	-0.02
21) Naphthalene-d8	10.64	136	365400	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	141040	20.00	ng	-0.02
63) Phenanthrene-d10	17.24	188	447346	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	428805	20.00	ng	-0.01
86) Perylene-d12	23.74	264	108941	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	993278	165.33	ng	-0.01
7) Phenol-d6	7.00	99	1036460	126.51	ng	-0.02
23) Nitrobenzene-d5	9.01	82	1066827	109.47	ng	-0.02
41) 2,4,6-Tribromophenol	15.98	330	443990	253.40	ng	-0.02
44) 2-Fluorobiphenyl	13.10	172	1818646	155.37	ng	-0.02
78) Terphenyl-d14	19.86	244	2712341	132.18	ng	-0.01
Target Compounds						
32) Benzoic acid	9.93	122	108	3.66	ng	Qvalue # 1

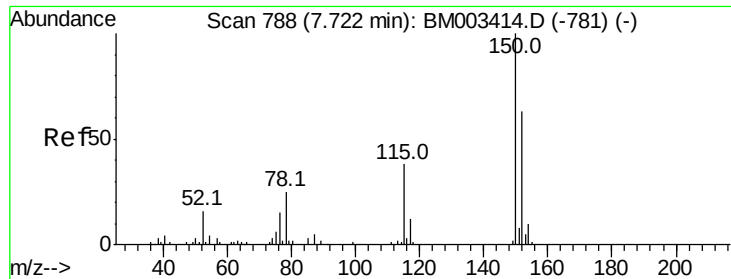
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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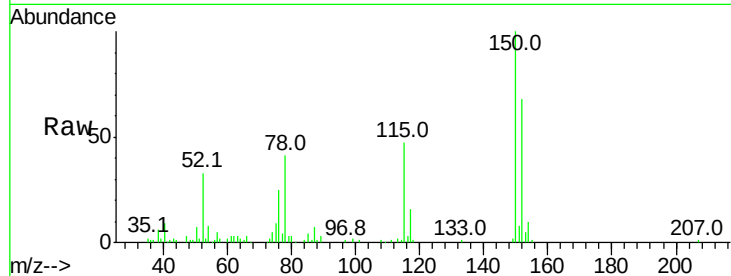


#1

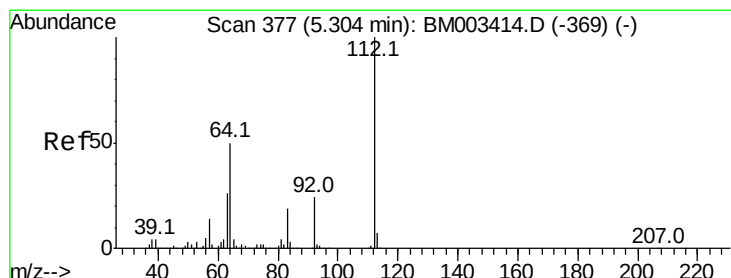
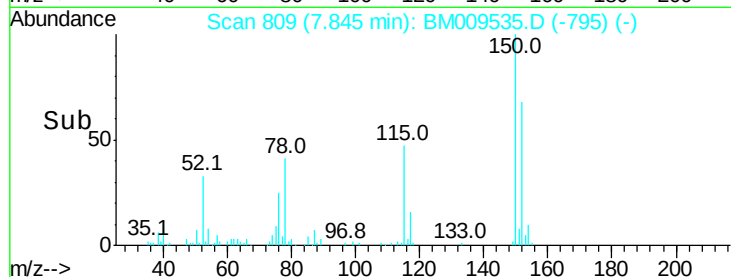
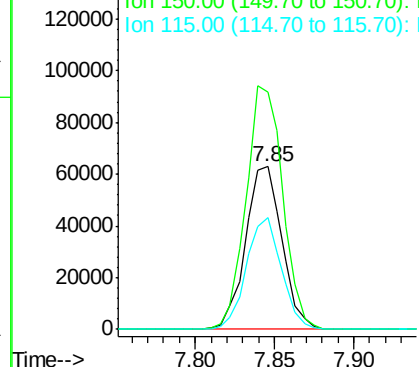
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BM009535.D
Acq: 04 Apr 2017 18:27

Instrument :
BNA_M
ClientSampleId :
LSS-SP05-COMP

Tot Ion:152 Resp: 100140
Ion Ratio Lower Upper
152 100
150 146.2 119.5 179.3
115 68.7 43.0 64.4#



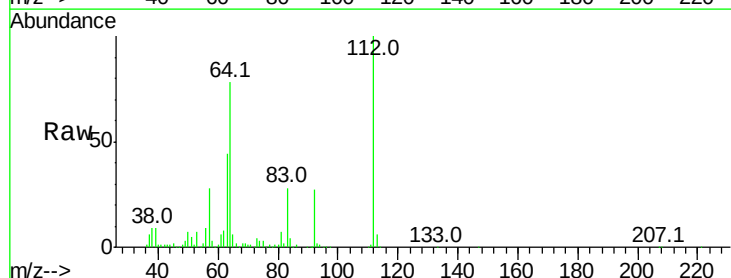
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



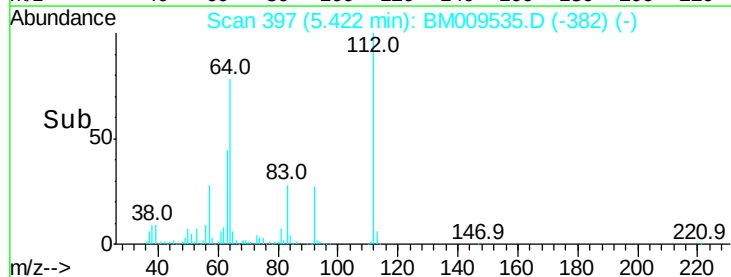
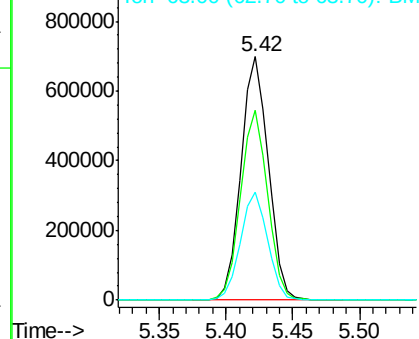
#5

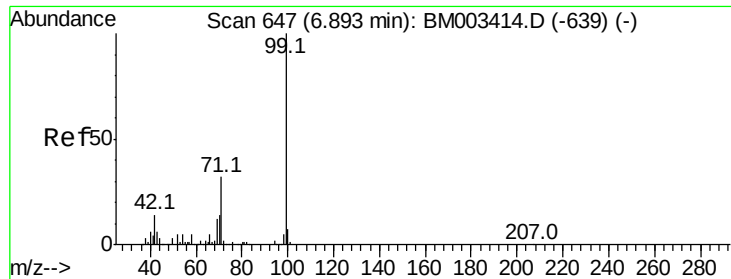
2-Fluorophenol
Concen: 165.33 ng
RT: 5.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BM009535.D
Acq: 04 Apr 2017 18:27

Tgt Ion:112 Resp: 993278
Ion Ratio Lower Upper
112 100
64 77.9 38.6 57.8#
63 44.4 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: 126.51 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009535.D

Acq: 04 Apr 2017 18:27

Instrument :

BNA_M

ClientSampleId :

LSS-SP05-COMP

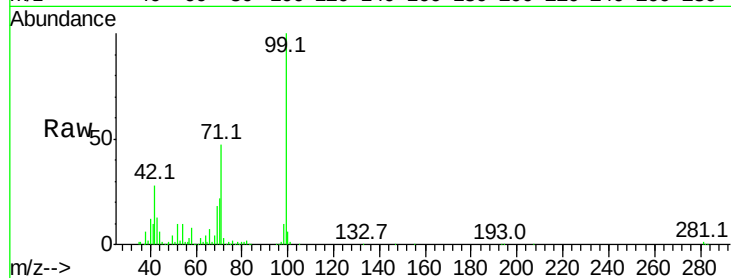
Tot Ion: 99 Resp: 1036460

Ion Ratio Lower Upper

99 100

42 28.0 11.0 16.4#

71 47.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009535.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BM009535.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BM009535.D (-652) (-)

7.00

800000

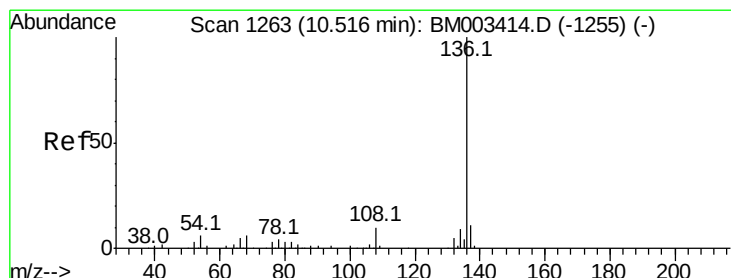
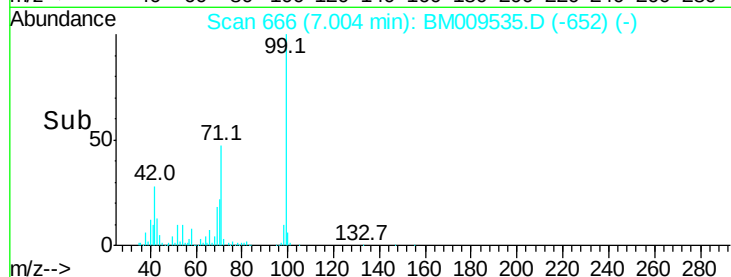
600000

400000

200000

0

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: BM009535.D

Acq: 04 Apr 2017 18:27

Tgt Ion: 136 Resp: 365400

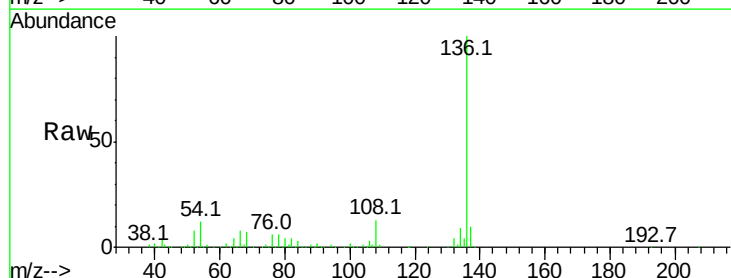
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 11.9 4.6 6.8#

68 7.1 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM009535.D (-1271) (-)

Ion 137.00 (136.70 to 137.70): BM009535.D (-1271) (-)

Ion 54.00 (53.70 to 54.70): BM009535.D (-1271) (-)

Ion 68.00 (67.70 to 68.70): BM009535.D (-1271) (-)

10.64

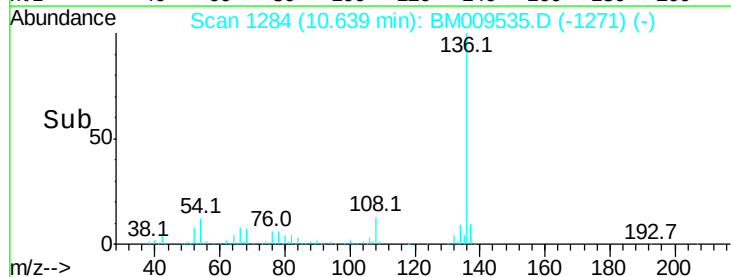
300000

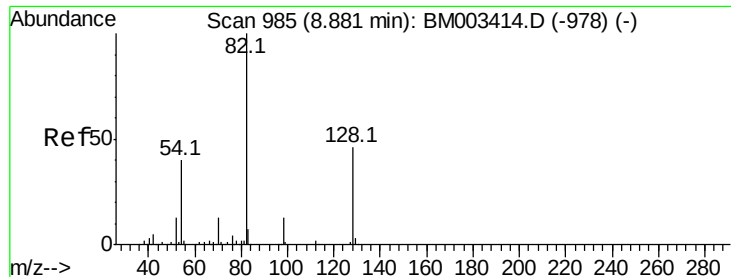
200000

100000

0

Time--> 10.60 10.70

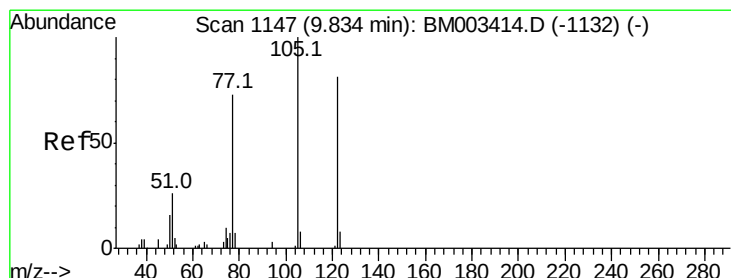
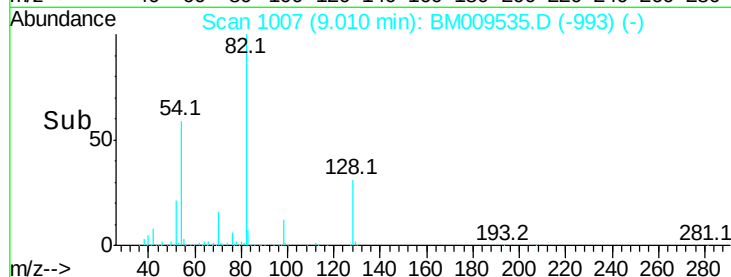
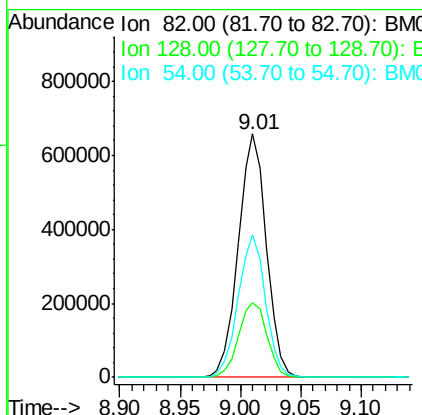
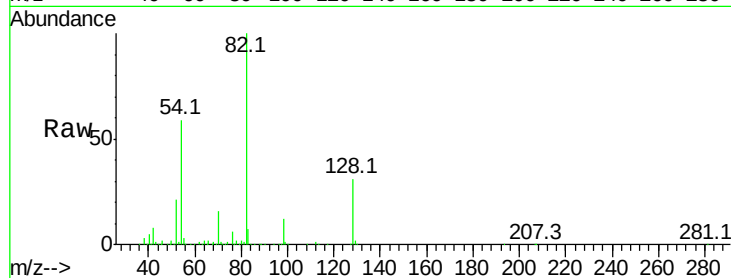




#23
 Nitrobenzene-d5
 Concen: 109.47 ng
 RT: 9.01 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BM009535.D
 Acq: 04 Apr 2017 18:27

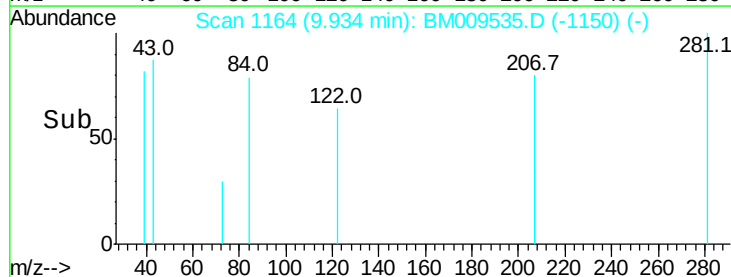
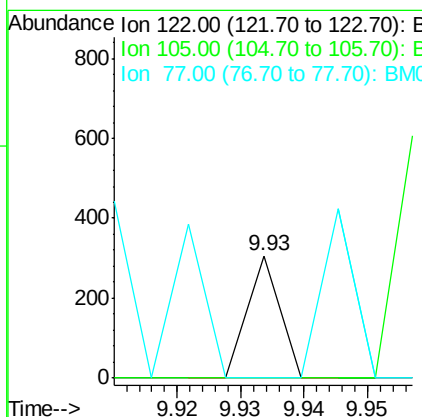
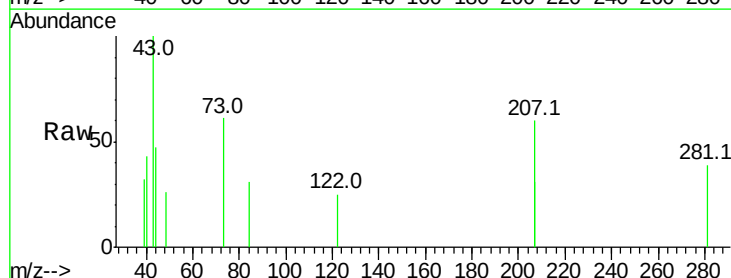
Instrument :
 BNA_M
 ClientSampleId :
 LSS-SP05-COMP

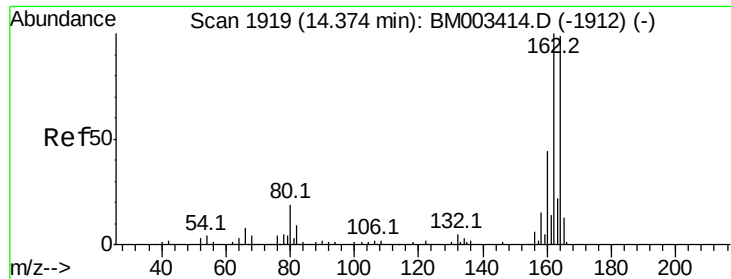
Tot Ion: 82 Resp: 1066827
 Ion Ratio Lower Upper
 82 100
 128 30.5 32.8 49.2#
 54 58.8 40.6 60.8



#32
 Benzoic acid
 Concen: 3.66 ng
 RT: 9.93 min Scan# 1164
 Delta R.T. -0.02 min
 Lab File: BM009535.D
 Acq: 04 Apr 2017 18:27

Tgt Ion: 122 Resp: 108
 Ion Ratio Lower Upper
 122 100
 105 0.0 99.9 139.9#
 77 0.0 73.7 113.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.49 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BM009535.D

Acq: 04 Apr 2017 18:27

Instrument :

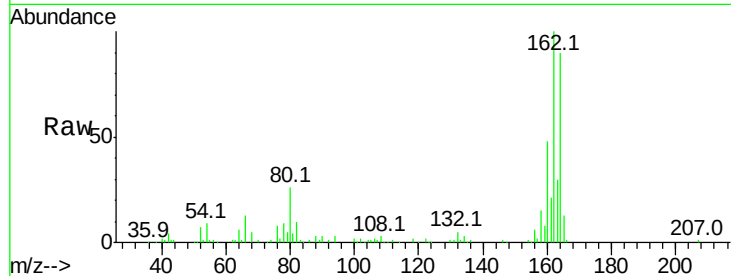
BNA_M

ClientSampleId :

LSS-SP05-COMP

Tot Ion:164 Resp: 141040

Ion	Ratio	Lower	Upper
164	100		
162	110.6	82.4	123.6
160	53.4	35.8	53.6

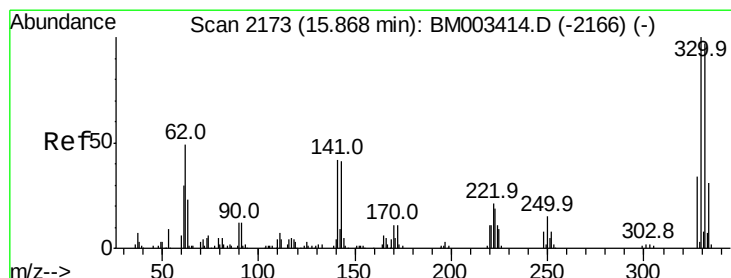
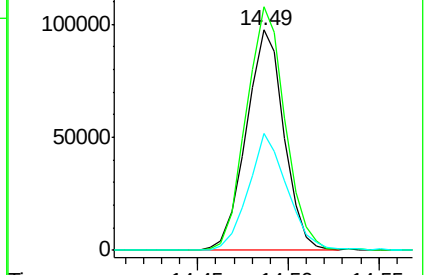
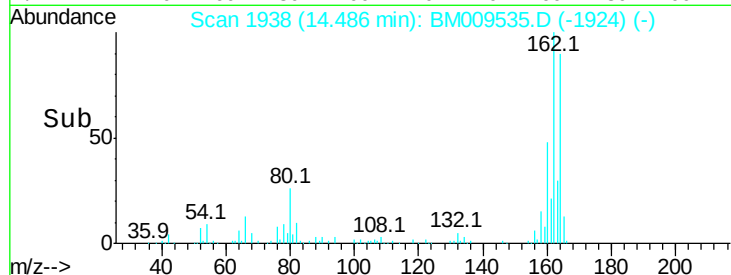


Abundance

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: 253.40 ng

RT: 15.98 min Scan# 2192

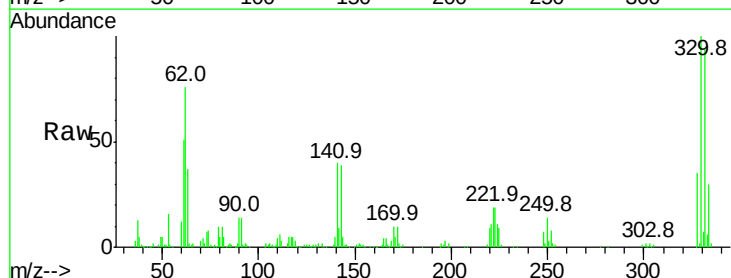
Delta R.T. -0.02 min

Lab File: BM009535.D

Acq: 04 Apr 2017 18:27

Tgt Ion:330 Resp: 443990

Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	41.9	0.0	0.0#

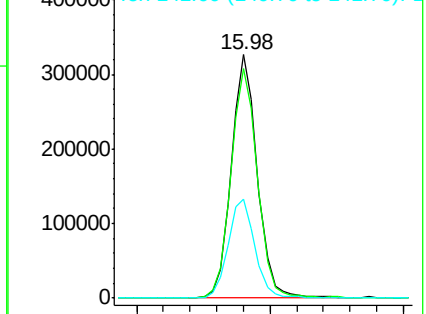
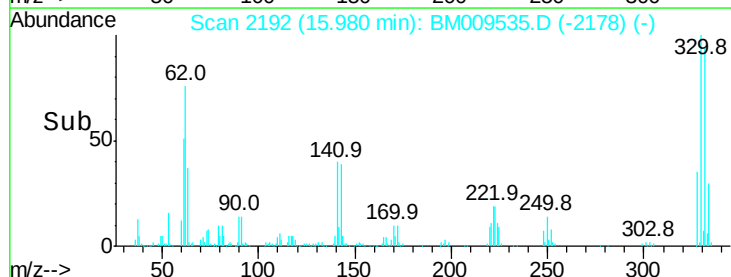


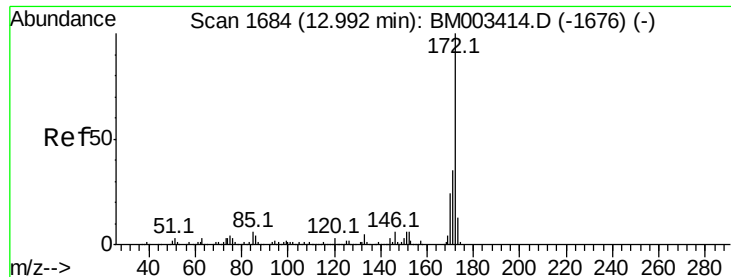
Abundance

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

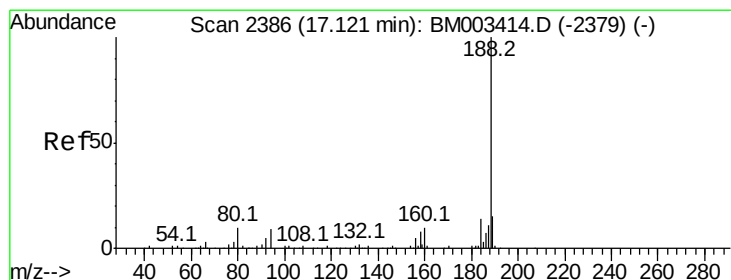
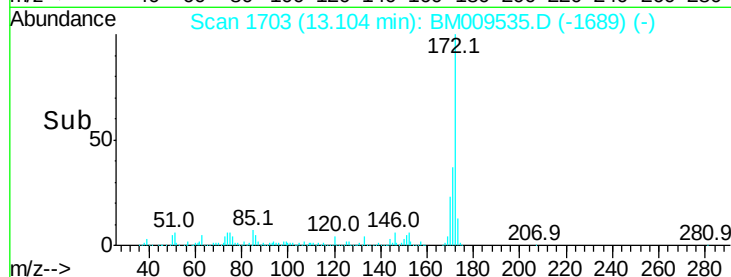
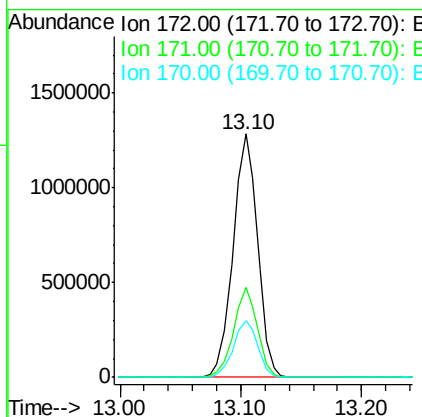
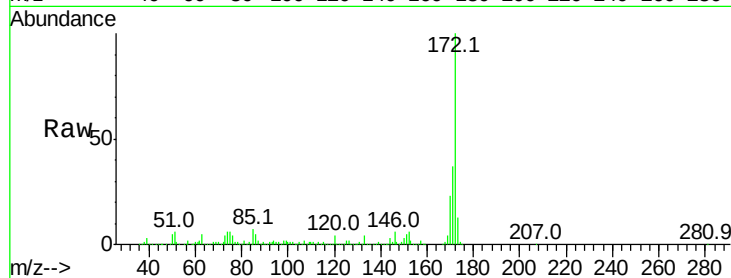




#44
2-Fluorobiphenyl
Concen: 155.37 ng
RT: 13.10 min Scan# 1703
Delta R.T. -0.02 min
Lab File: BM009535.D
Acq: 04 Apr 2017 18:27

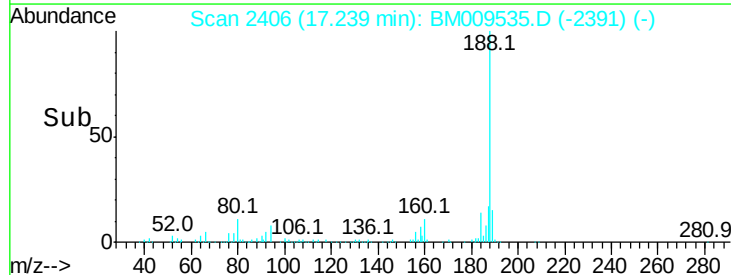
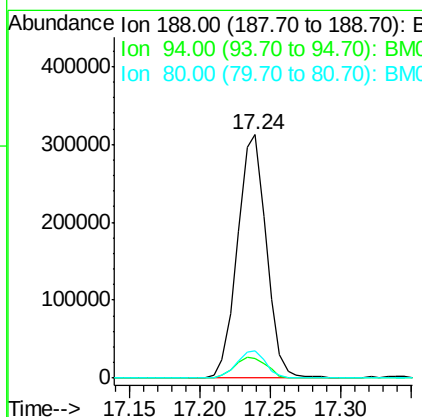
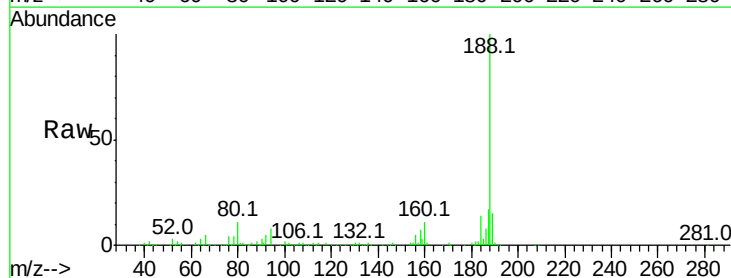
Instrument :
BNA_M
ClientSampleId :
LSS-SP05-COMP

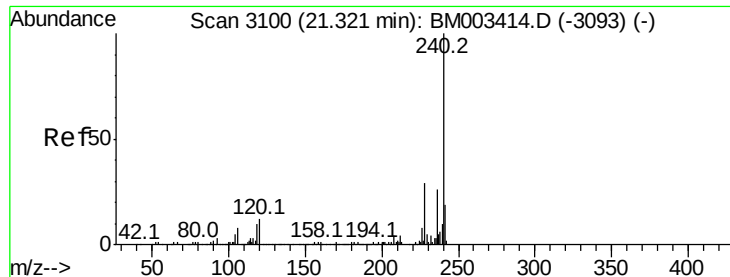
Tot Ion:172 Resp: 1818646
Ion Ratio Lower Upper
172 100
171 36.7 28.5 42.7
170 23.2 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM009535.D
Acq: 04 Apr 2017 18:27

Tgt Ion:188 Resp: 447346
Ion Ratio Lower Upper
188 100
94 8.0 8.7 13.1#
80 11.4 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: BM009535.D

Acq: 04 Apr 2017 18:27

Instrument :

BNA_M

ClientSampleId :

LSS-SP05-COMP

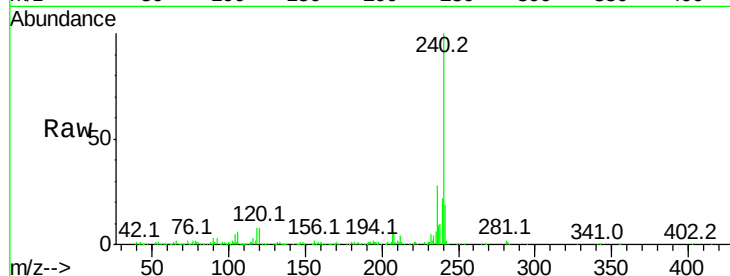
Tot Ion:240 Resp: 428805

Ion Ratio Lower Upper

240 100

120 7.7 8.2 12.2#

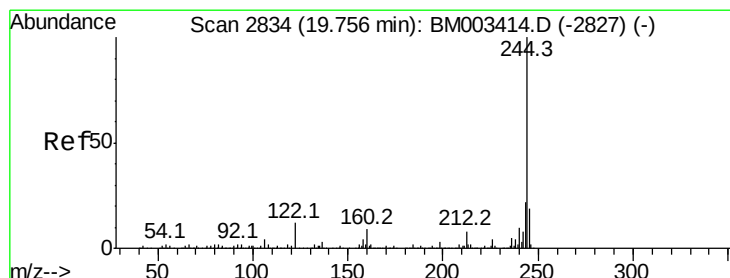
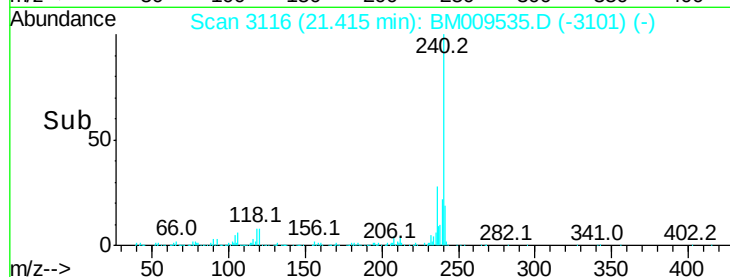
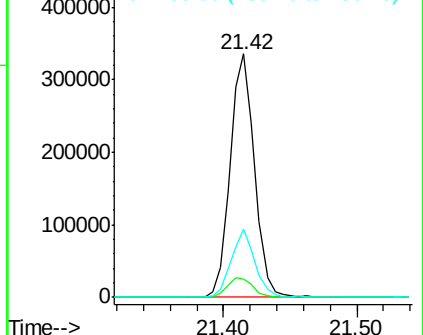
236 28.1 20.0 30.0



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: 132.18 ng

RT: 19.86 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BM009535.D

Acq: 04 Apr 2017 18:27

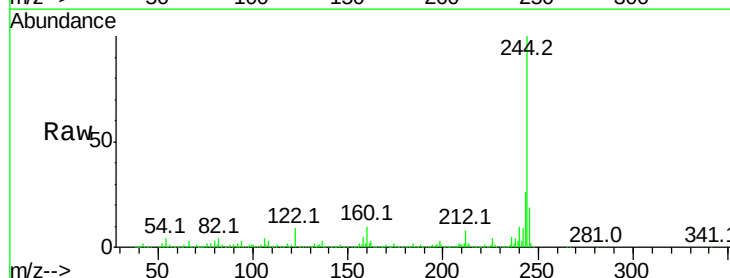
Tgt Ion:244 Resp: 2712341

Ion Ratio Lower Upper

244 100

212 8.0 4.9 7.3#

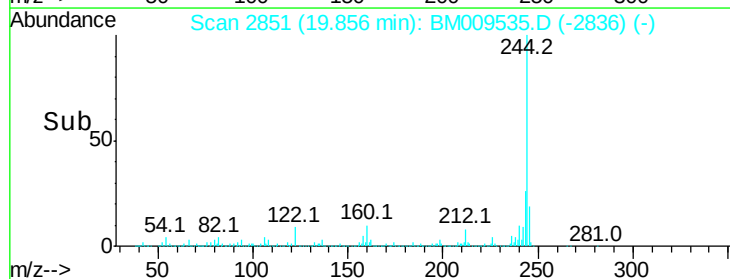
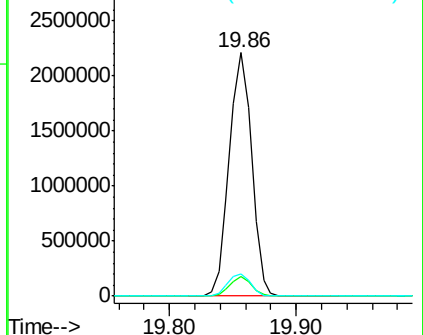
122 9.1 6.2 9.4

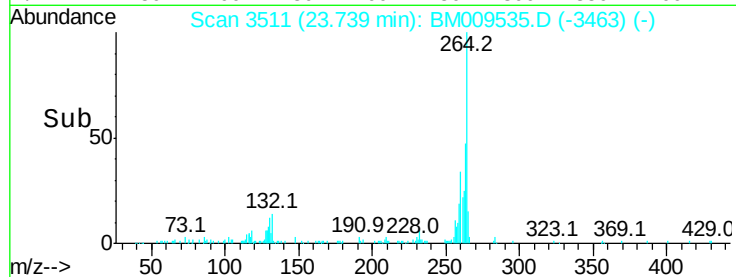
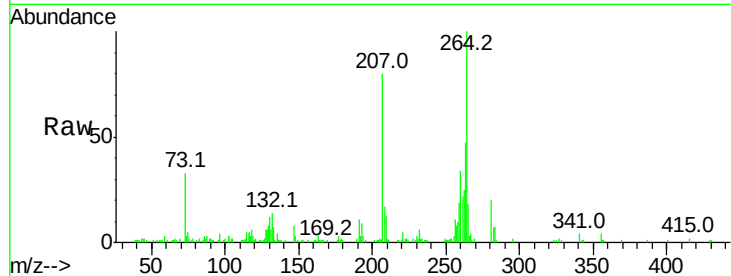
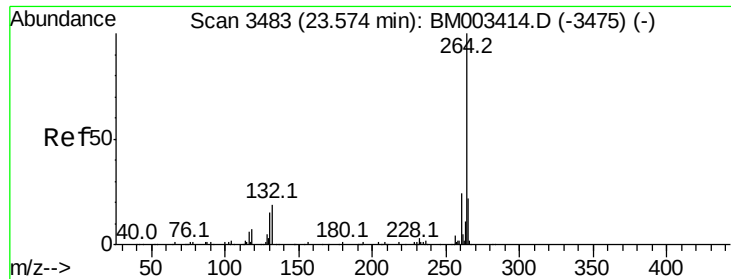


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.74 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BM009535.D
Acq: 04 Apr 2017 18:27

Instrument :
BNA_M
ClientSampleId :
LSS-SP05-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	34.2	18.6	27.8#
265	17.6	17.3	25.9

