

Data Path : Z:\HPCHEM1\BNA M\Data\BM040517\
 Data File : BM009551.D
 Acq On : 05 Apr 2017 10:33
 Operator : SJ/MA
 Sample : I2495-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 05 11:26:57 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	104883	20.00	ng	-0.02
21) Naphthalene-d8	10.64	136	372996	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	210035	20.00	ng	-0.02
63) Phenanthrene-d10	17.23	188	522564	20.00	ng	-0.02
75) Chrysene-d12	21.41	240	708336	20.00	ng	-0.02
86) Perylene-d12	23.73	264	682429	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1004784	159.68	ng	-0.01
7) Phenol-d6	7.00	99	1274133	148.49	ng	-0.02
23) Nitrobenzene-d5	9.01	82	1066040	107.16	ng	-0.02
41) 2,4,6-Tribromophenol	15.98	330	490419	187.95	ng	-0.02
44) 2-Fluorobiphenyl	13.10	172	1887345	108.28	ng	-0.02
78) Terphenyl-d14	19.86	244	3266451	96.36	ng	-0.01

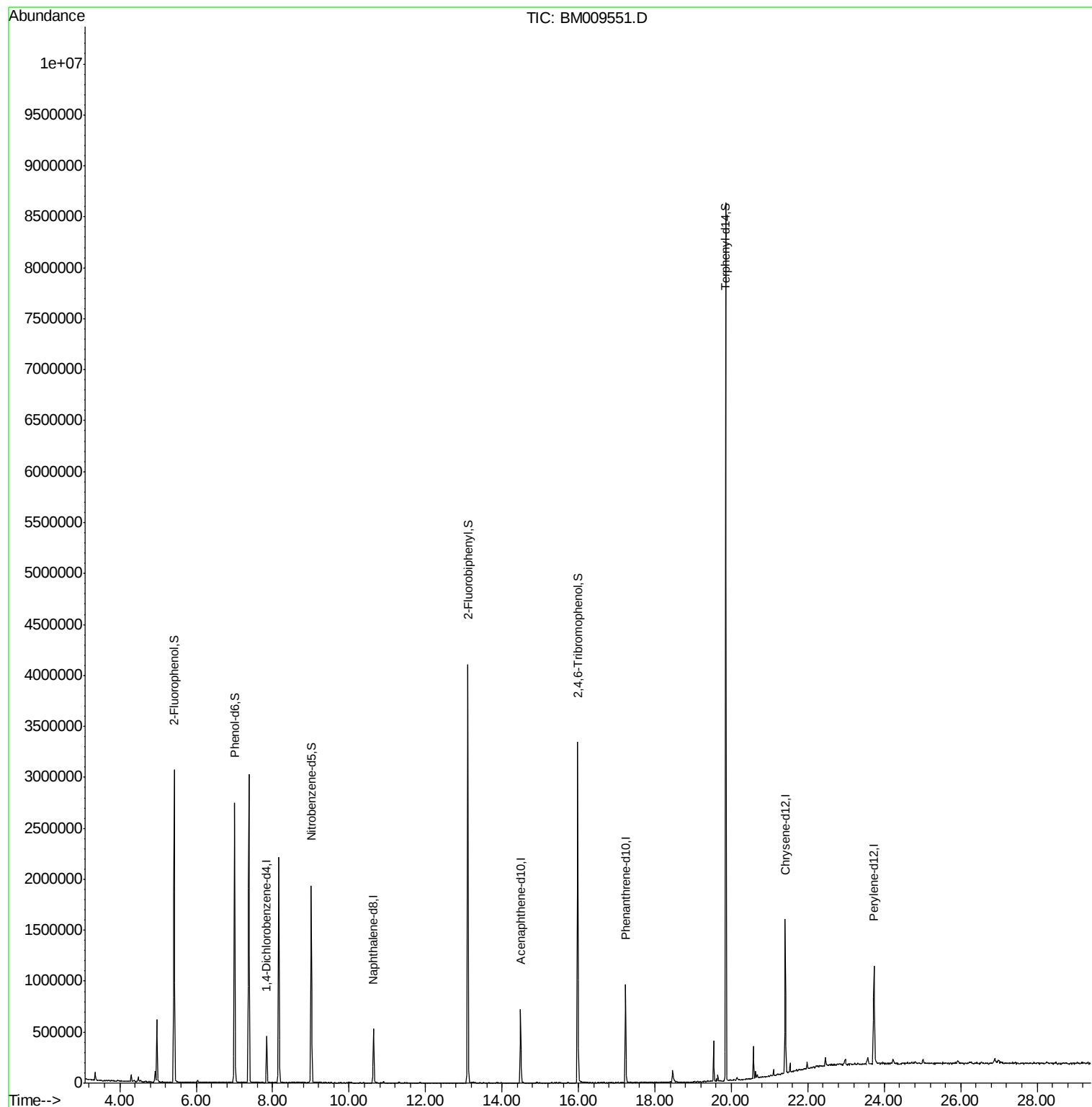
Target Compounds Qvalue

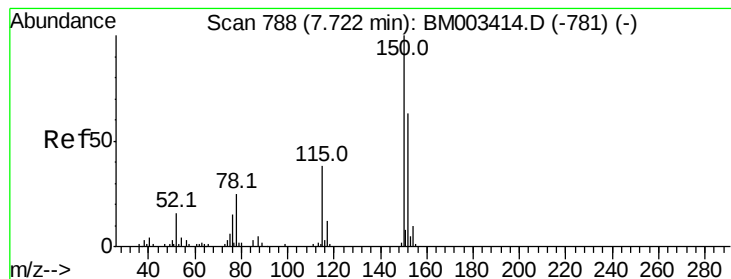
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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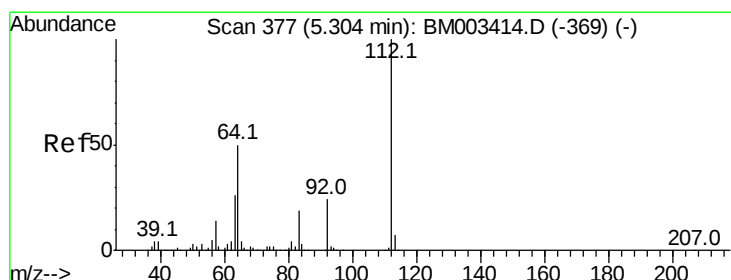
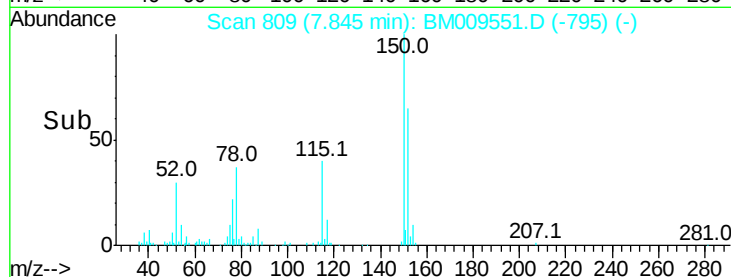
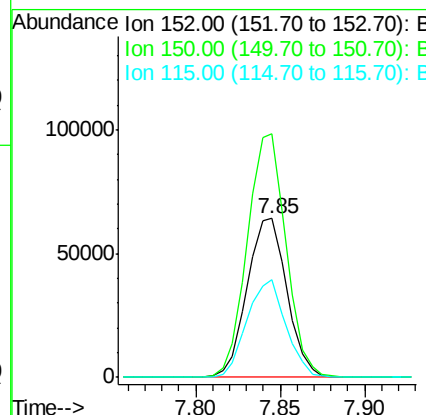
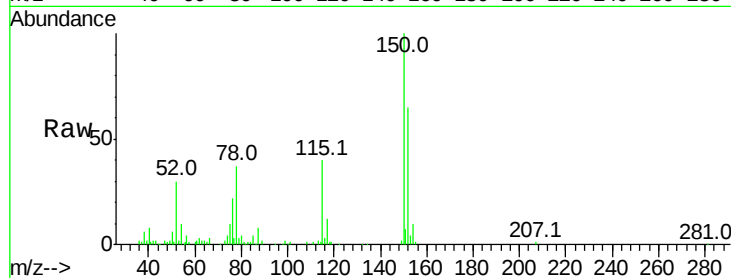


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BM009551.D
Acq: 05 Apr 2017 10:33

Instrument :
BNA_M
ClientSampleId :

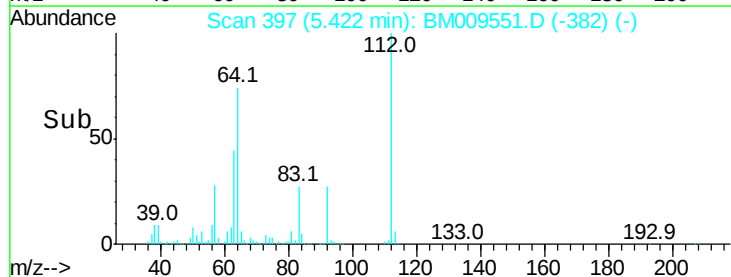
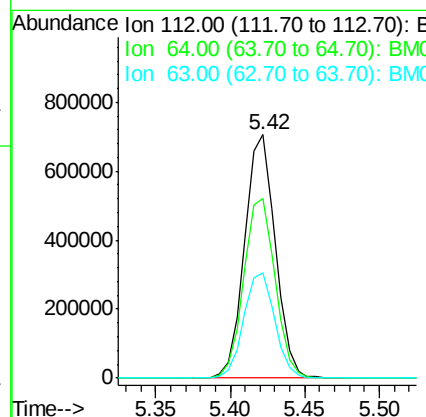
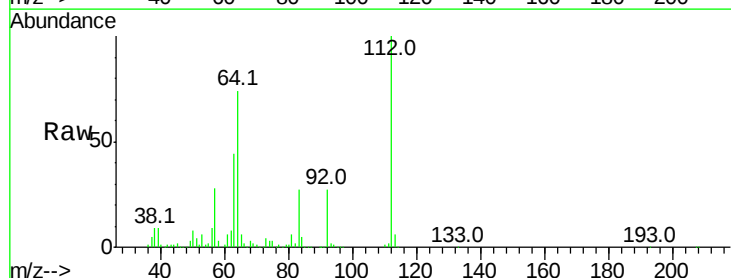
Tot Ion:152 Resp: 104883
Ion Ratio Lower Upper
152 100
150 153.4 119.5 179.3
115 61.2 43.0 64.4

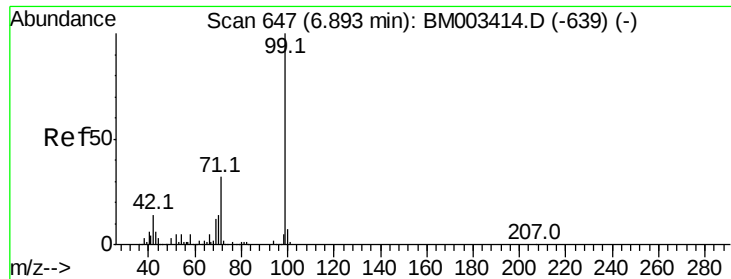


#5

2-Fluorophenol
Concen: 159.68 ng
RT: 5.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BM009551.D
Acq: 05 Apr 2017 10:33

Tgt Ion:112 Resp: 1004784
Ion Ratio Lower Upper
112 100
64 73.8 38.6 57.8#
63 43.5 19.3 28.9#





#7

Phenol-d6

Concen: 148.49 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009551.D

Acq: 05 Apr 2017 10:33

Instrument :

BNA_M

ClientSampleId :

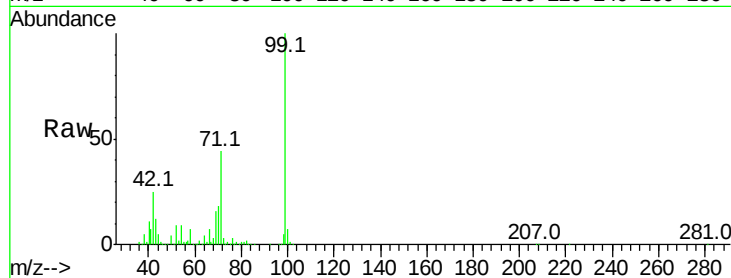
Tot Ion: 99 Resp: 1274133

Ion Ratio Lower Upper

99 100

42 25.1 11.0 16.4#

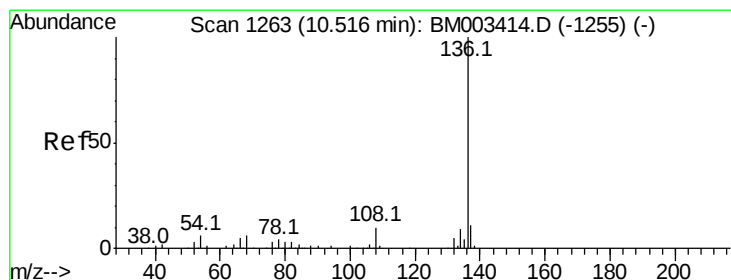
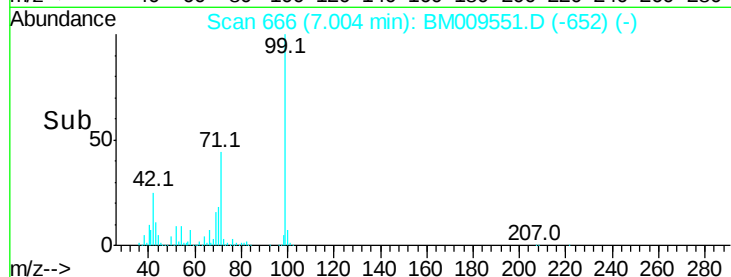
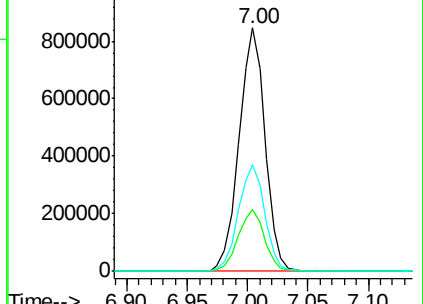
71 43.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM003414.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM003414.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM003414.D (-639) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BM009551.D

Acq: 05 Apr 2017 10:33

Tgt Ion: 136 Resp: 372996

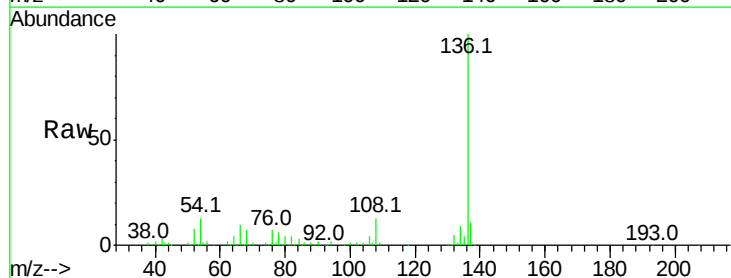
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 13.0 4.6 6.8#

68 7.2 3.7 5.5#

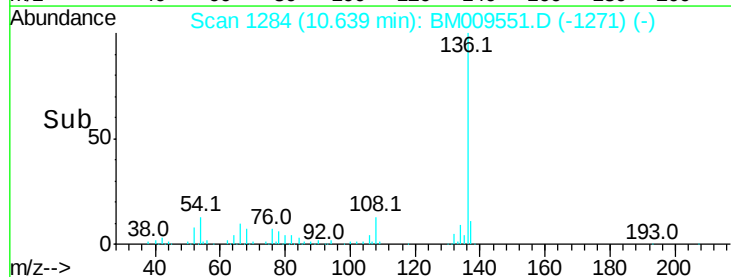
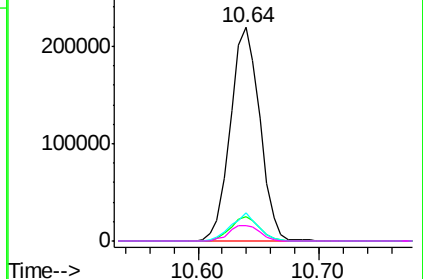


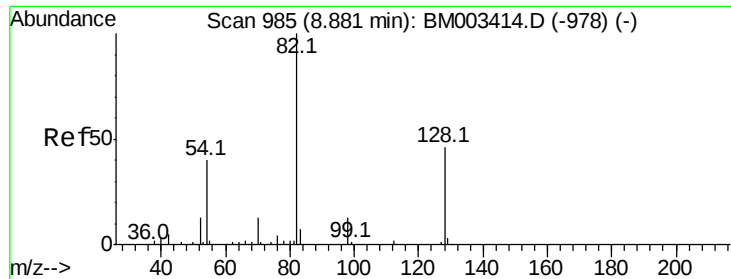
Abundance Ion 136.00 (135.70 to 136.70): BM003414.D (-1255) (-)

Ion 137.00 (136.70 to 137.70): BM003414.D (-1255) (-)

Ion 54.00 (53.70 to 54.70): BM003414.D (-1255) (-)

Ion 68.00 (67.70 to 68.70): BM003414.D (-1255) (-)

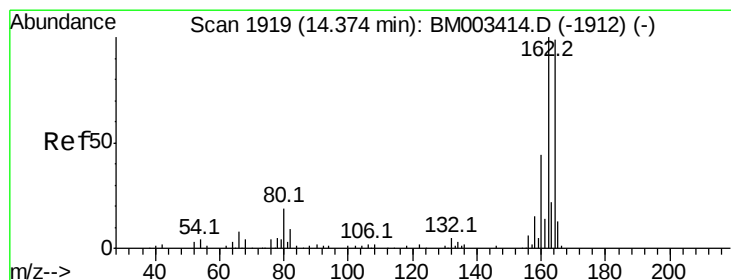
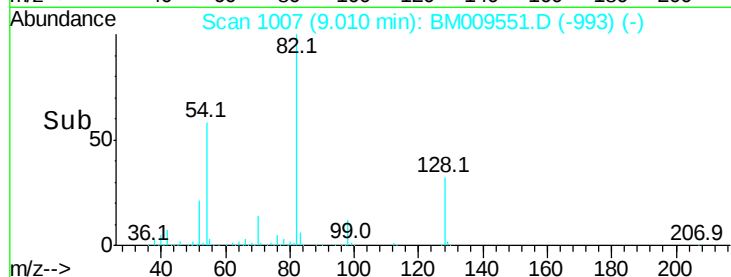
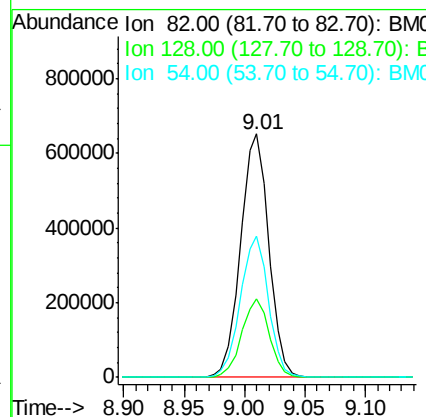
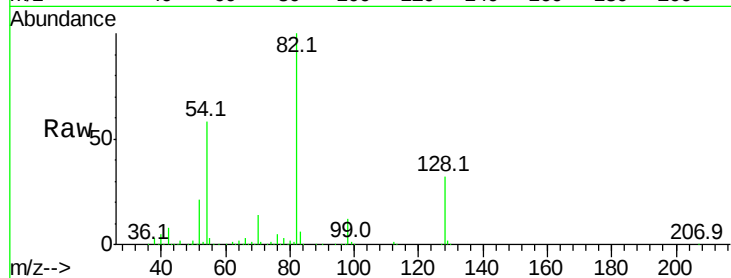




#23
 Nitrobenzene-d5
 Concen: 107.16 ng
 RT: 9.01 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BM009551.D
 Acq: 05 Apr 2017 10:33

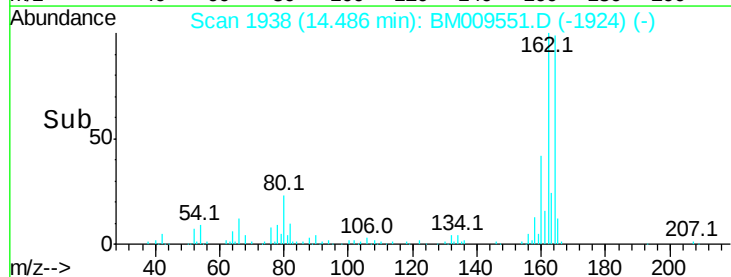
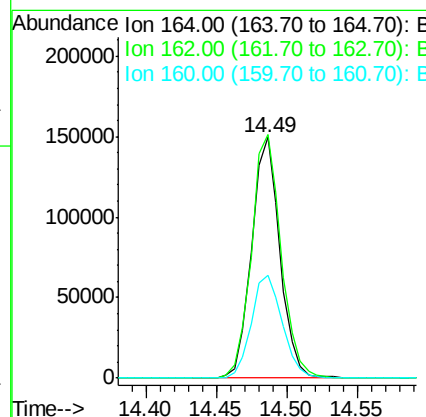
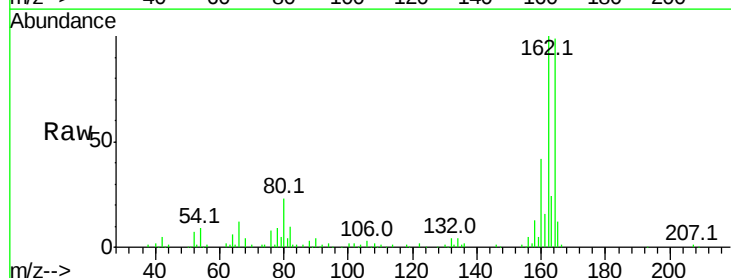
Instrument :
 BNA_M
 ClientSampled :

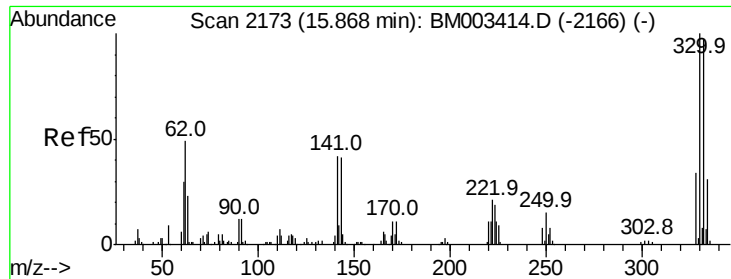
Tot Ion: 82 Resp: 1066040
 Ion Ratio Lower Upper
 82 100
 128 32.0 32.8 49.2#
 54 57.8 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.49 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BM009551.D
 Acq: 05 Apr 2017 10:33

Tgt Ion:164 Resp: 210035
 Ion Ratio Lower Upper
 164 100
 162 101.2 82.4 123.6
 160 42.8 35.8 53.6

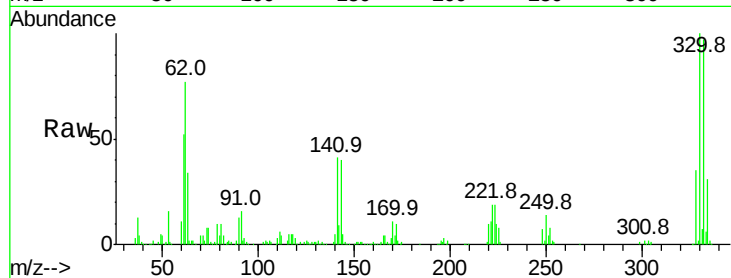




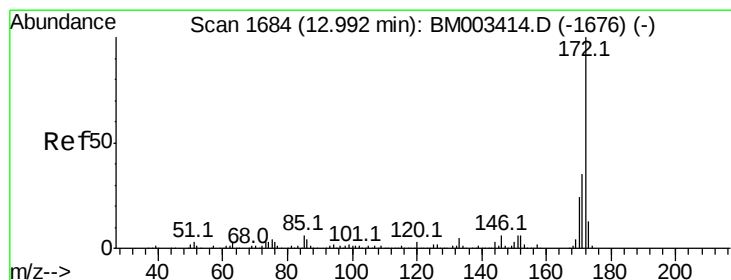
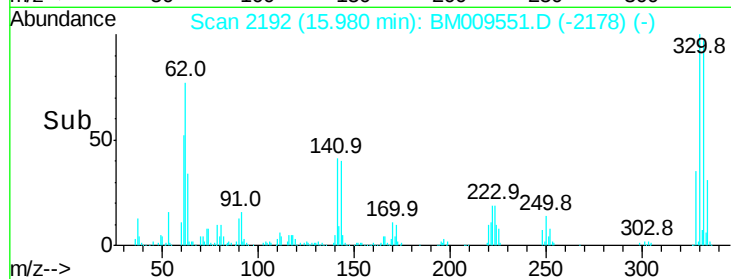
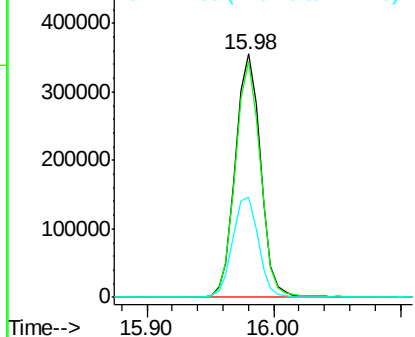
#41
 2,4,6-Tribromophenol
 Concen: 187.95 ng
 RT: 15.98 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BM009551.D
 Acq: 05 Apr 2017 10:33

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	42.1	0.0	0.0#

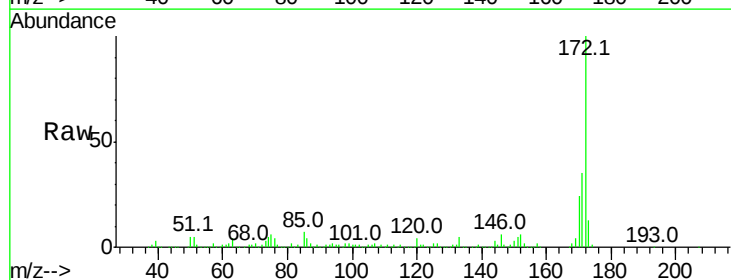


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

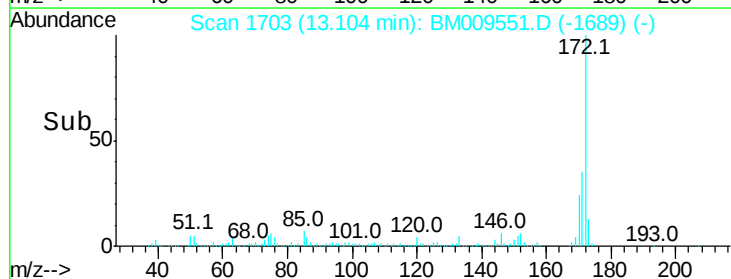
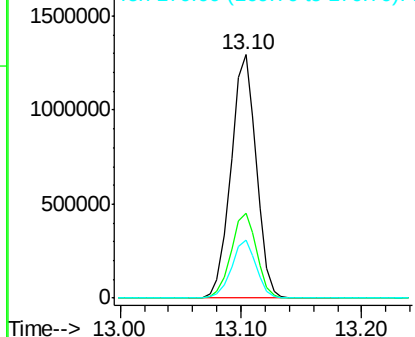


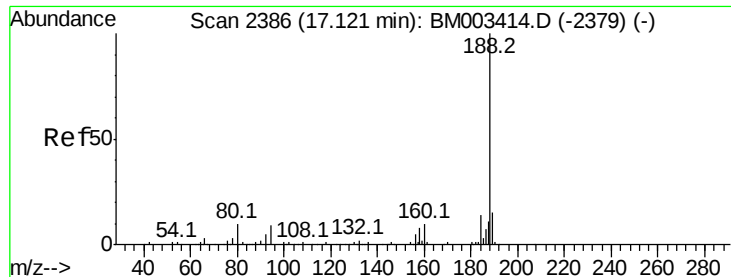
#44
 2-Fluorobiphenyl
 Concen: 108.28 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BM009551.D
 Acq: 05 Apr 2017 10:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.6	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

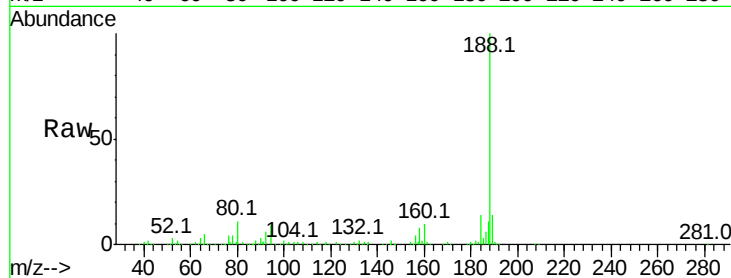




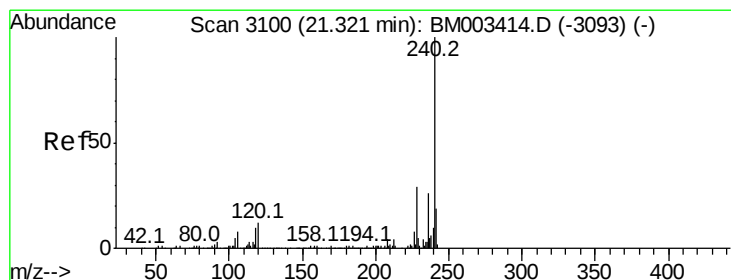
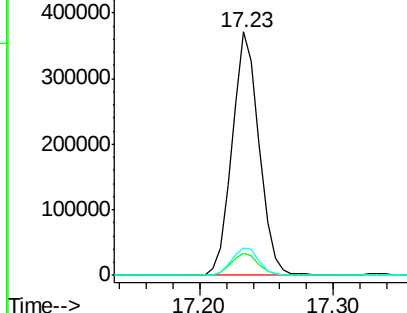
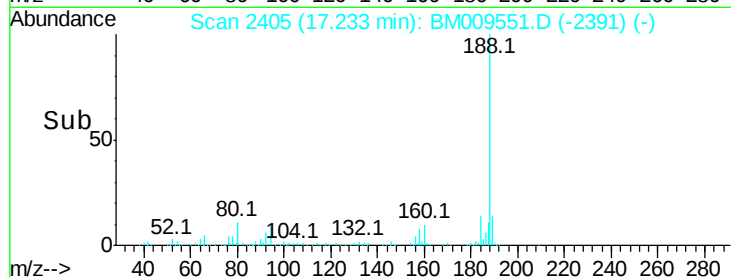
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.23 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BM009551.D
Acq: 05 Apr 2017 10:33

Instrument :
BNA_M
ClientSampled :

Tot Ion:188 Resp: 522564
Ion Ratio Lower Upper
188 100
94 9.0 8.7 13.1
80 11.5 9.3 13.9

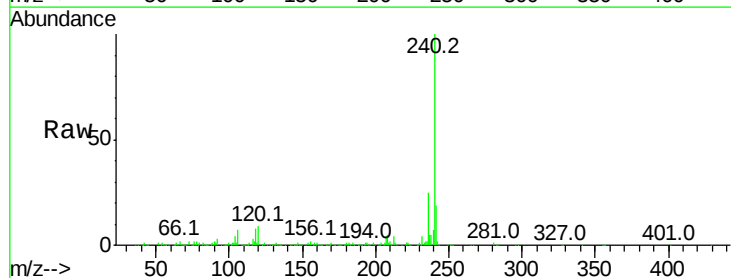


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

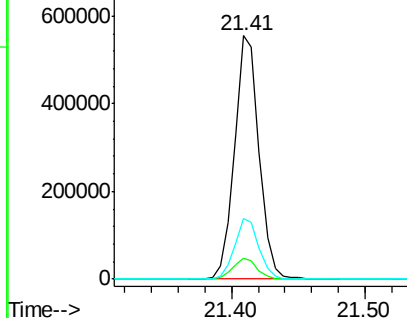
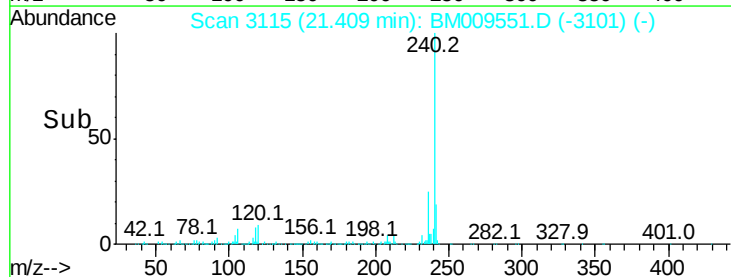


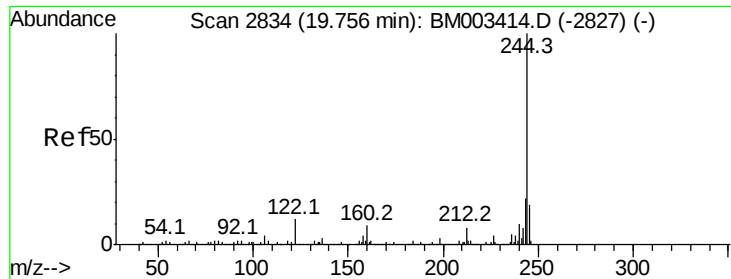
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.41 min Scan# 3115
Delta R.T. -0.02 min
Lab File: BM009551.D
Acq: 05 Apr 2017 10:33

Tgt Ion:240 Resp: 708336
Ion Ratio Lower Upper
240 100
120 8.5 8.2 12.2
236 24.7 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: 96.36 ng

RT: 19.86 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BM009551.D

Acq: 05 Apr 2017 10:33

Instrument :

BNA_M

ClientSampleId :

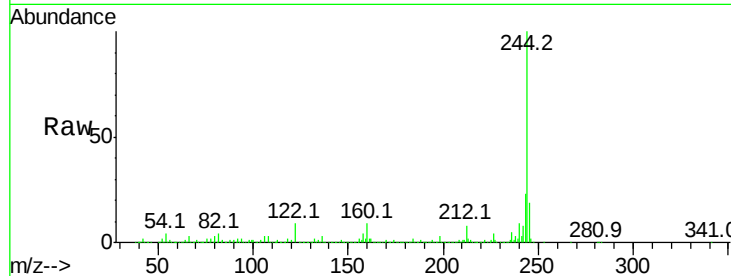
Tot Ion:244 Resp: 3266451

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

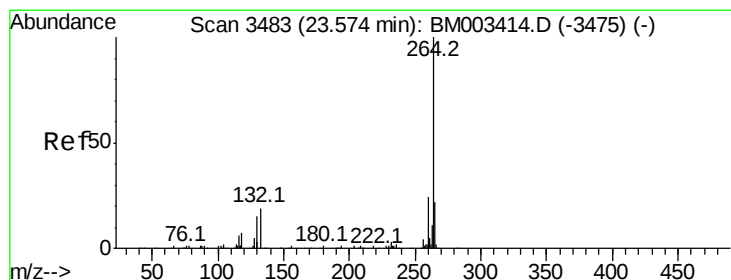
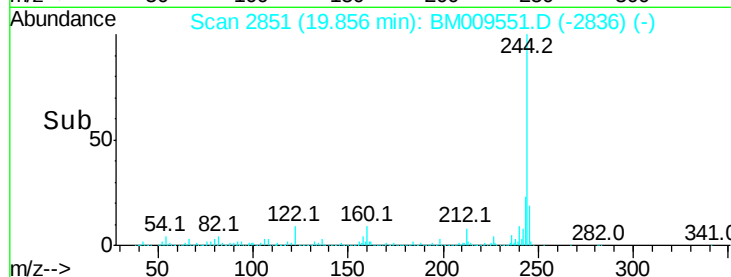
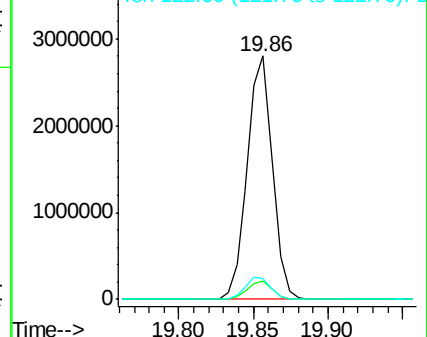
122 8.6 6.2 9.4



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: BM009551.D

Acq: 05 Apr 2017 10:33

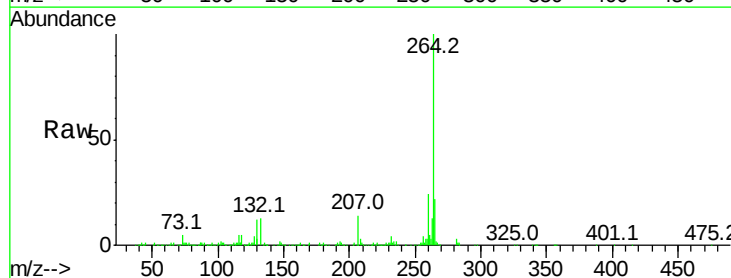
Tgt Ion:264 Resp: 682429

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 22.0 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

