

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050517\
 Data File : BM009923.D
 Acq On : 06 May 2017 03:41
 Operator : SJ/MA
 Sample : I2893-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 06 04:35:09 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM050517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 14:52:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	96250	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	402785	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	244619	20.00	ng	0.00
63) Phenanthrene-d10	17.19	188	611540	20.00	ng	-0.01
75) Chrysene-d12	21.37	240	761915	20.00	ng	-0.01
86) Perylene-d12	23.68	264	573277	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	410516	67.90	ng	0.00
7) Phenol-d6	6.96	99	374926	40.46	ng	-0.01
23) Nitrobenzene-d5	8.95	82	1200739	107.88	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	590913	176.87	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	2060995	109.77	ng	0.00
78) Terphenyl-d14	19.82	244	3726358	100.33	ng	0.00

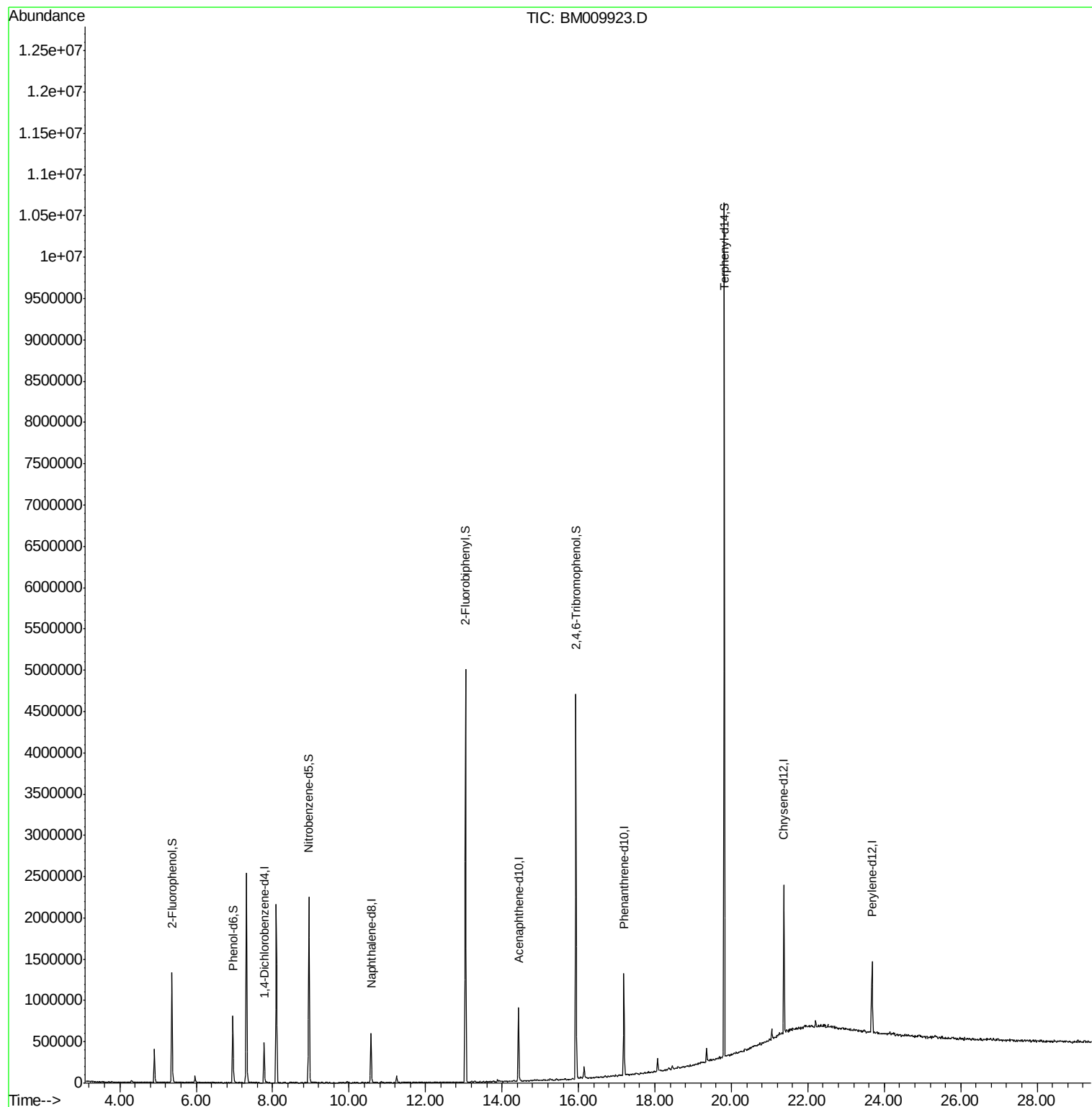
Target Compounds Qvalue

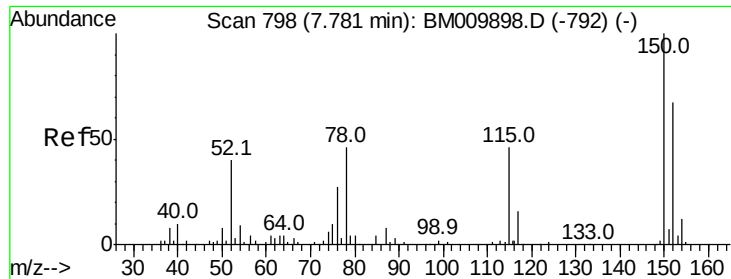
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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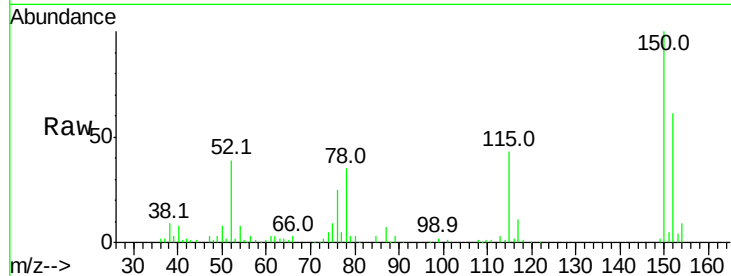


#1

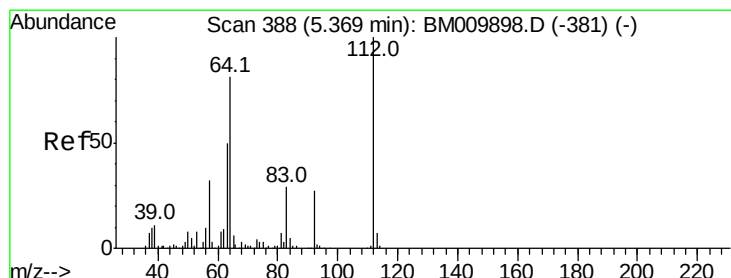
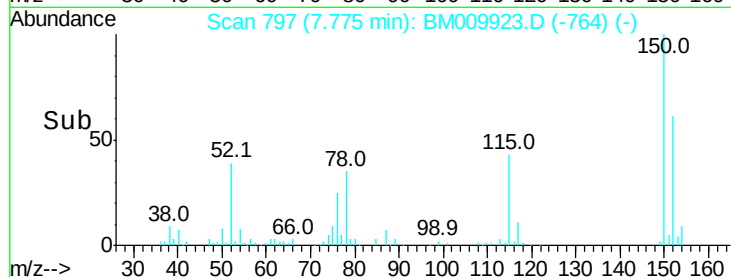
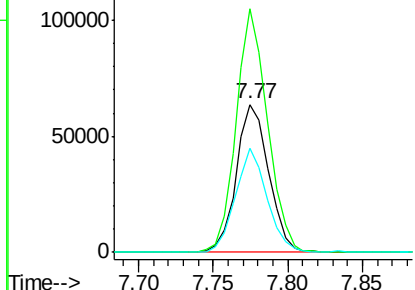
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BM009923.D
Acq: 06 May 2017 03:41

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 96250
Ion Ratio Lower Upper
152 100
150 164.6 119.5 179.3
115 70.3 43.0 64.4#



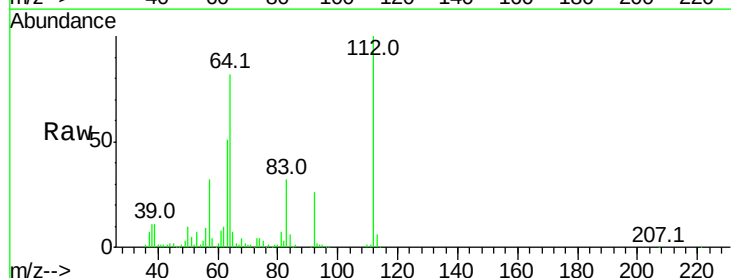
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



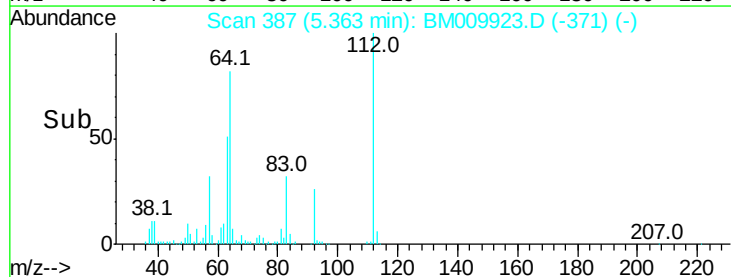
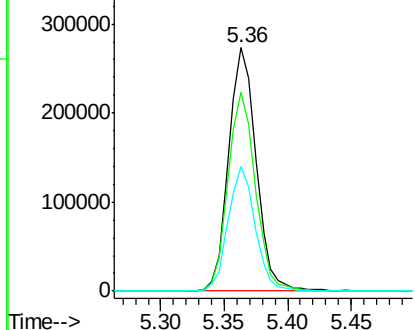
#5

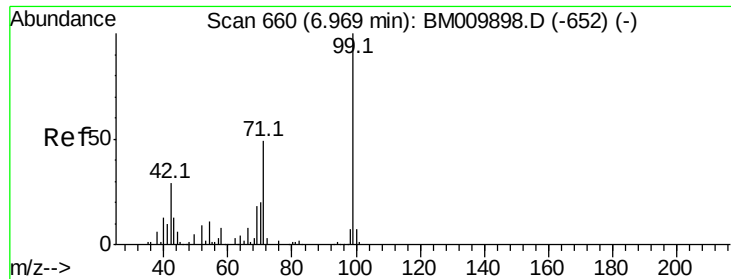
2-Fluorophenol
Concen: 67.90 ng
RT: 5.36 min Scan# 387
Delta R.T. -0.01 min
Lab File: BM009923.D
Acq: 06 May 2017 03:41

Tgt Ion:112 Resp: 410516
Ion Ratio Lower Upper
112 100
64 81.7 38.6 57.8#
63 51.4 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: 40.46 ng

RT: 6.96 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM009923.D

Acq: 06 May 2017 03:41

Instrument :

BNA_M

ClientSampleId :

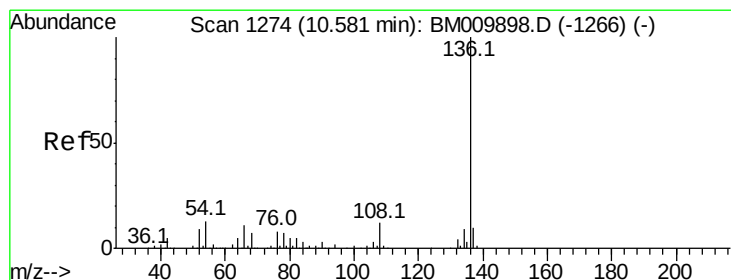
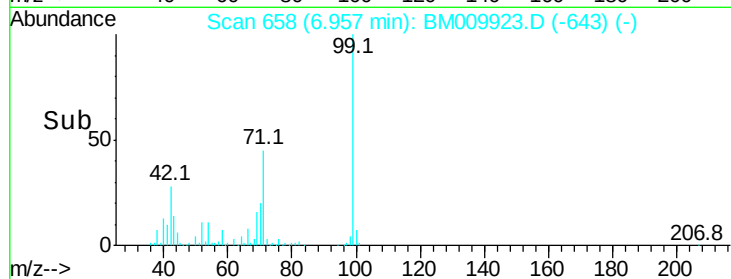
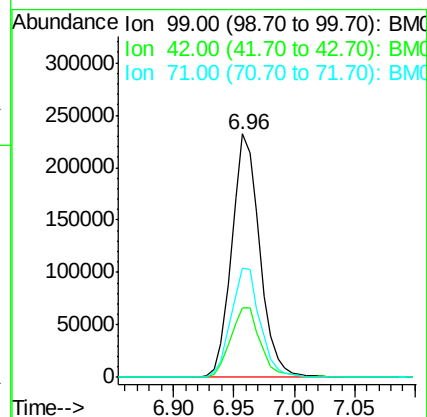
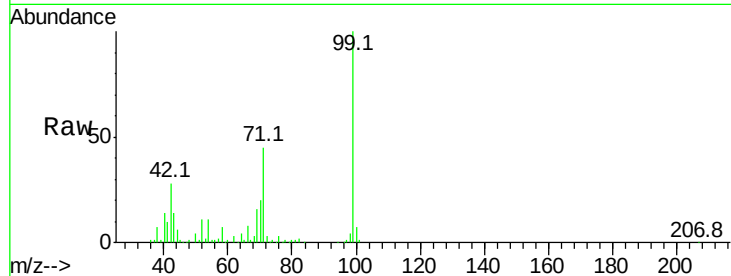
Tot Ion: 99 Resp: 374926

Ion Ratio Lower Upper

99 100

42 28.4 11.0 16.4#

71 45.0 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BM009923.D

Acq: 06 May 2017 03:41

Tgt Ion: 136 Resp: 402785

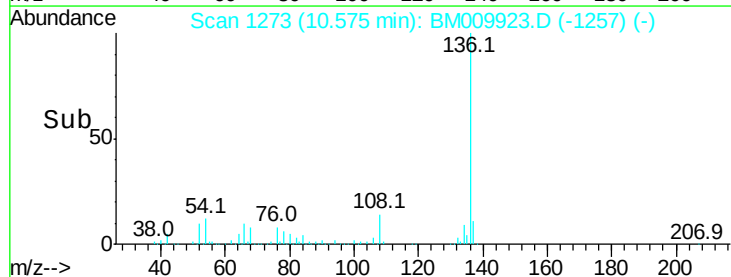
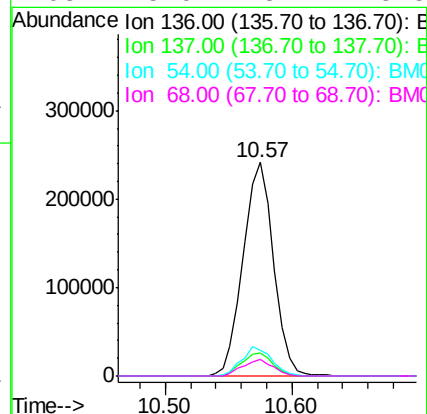
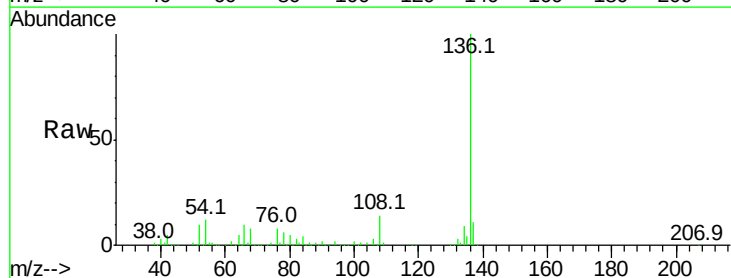
Ion Ratio Lower Upper

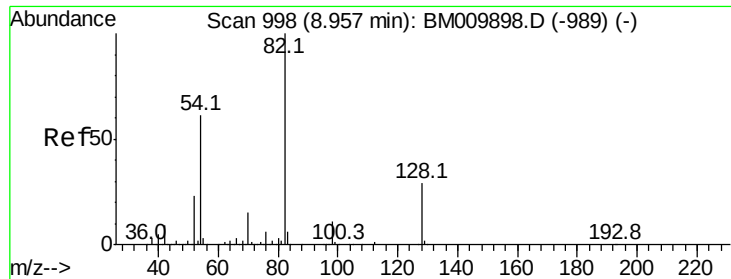
136 100

137 10.8 8.7 13.1

54 12.0 4.6 6.8#

68 8.0 3.7 5.5#



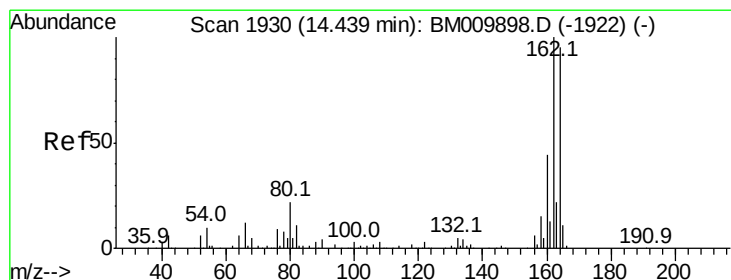
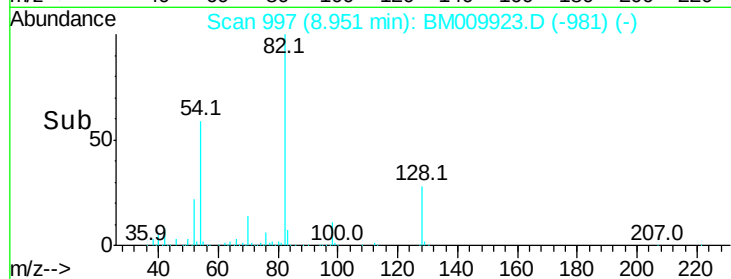
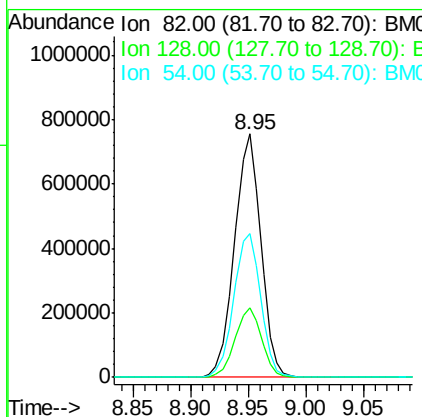
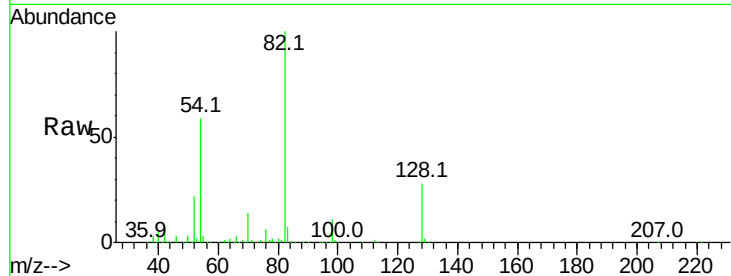


#23
 Nitrobenzene-d5
 Concen: 107.88 ng
 RT: 8.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BM009923.D
 Acq: 06 May 2017 03:41

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 82 Resp: 1200739

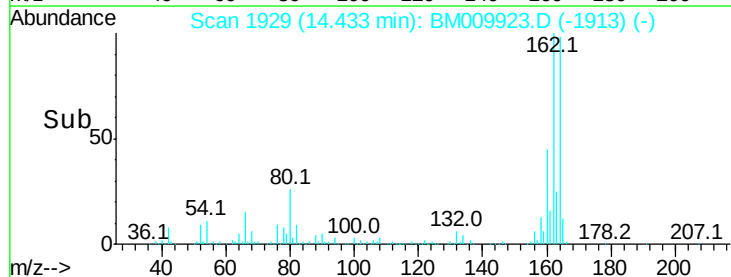
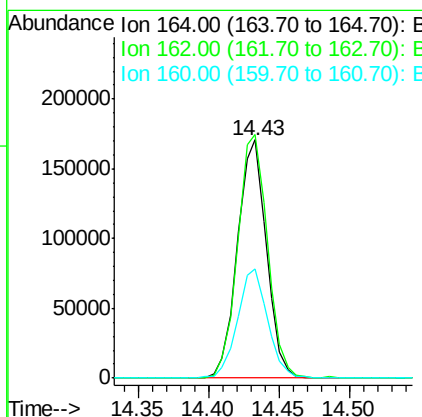
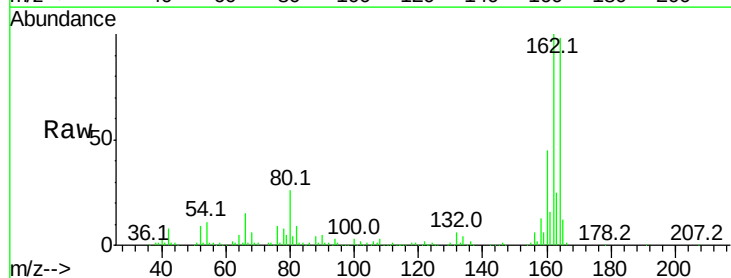
Ion	Ratio	Lower	Upper
82	100		
128	28.4	32.8	49.2#
54	59.1	40.6	60.8

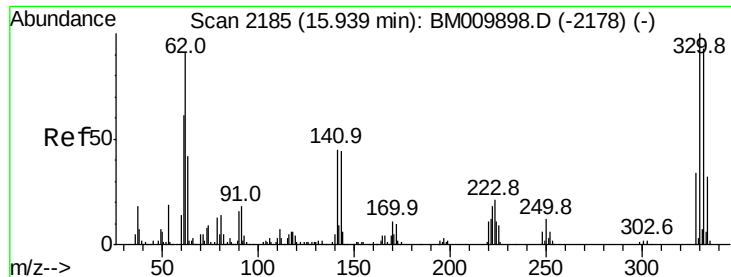


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BM009923.D
 Acq: 06 May 2017 03:41

Tgt Ion: 164 Resp: 244619

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.4	123.6
160	45.7	35.8	53.6

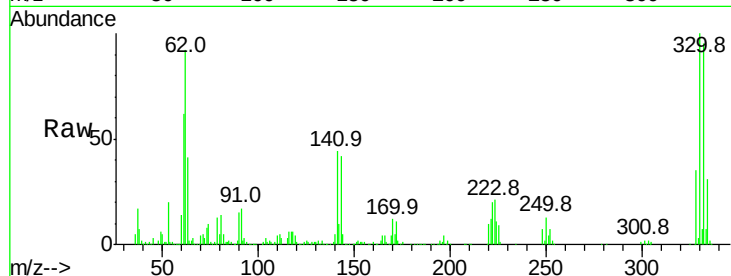




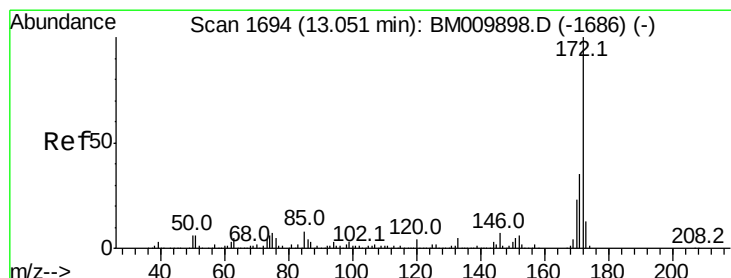
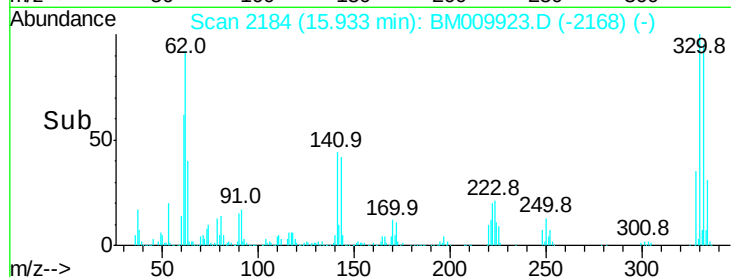
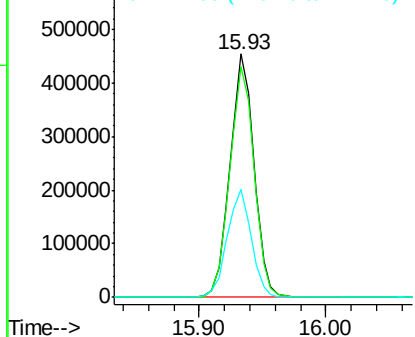
#41
 2,4,6-Tribromophenol
 Concen: 176.87 ng
 RT: 15.93 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BM009923.D
 Acq: 06 May 2017 03:41

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 590913
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 44.6 0.0 0.0#

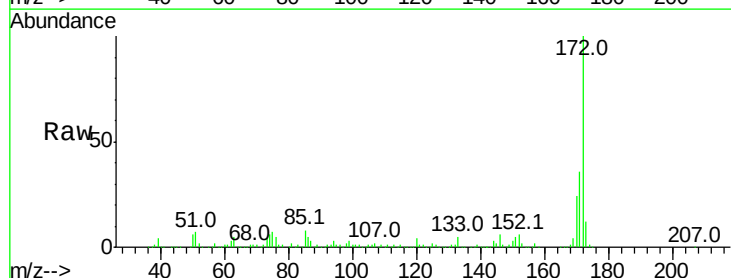


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

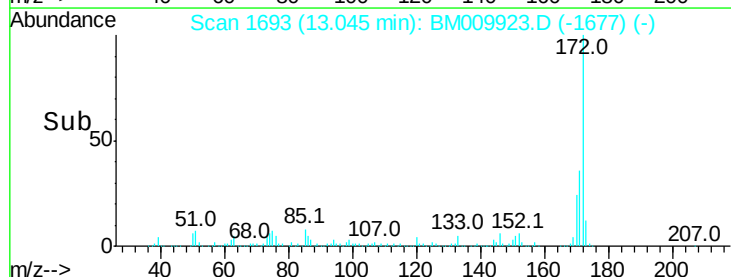
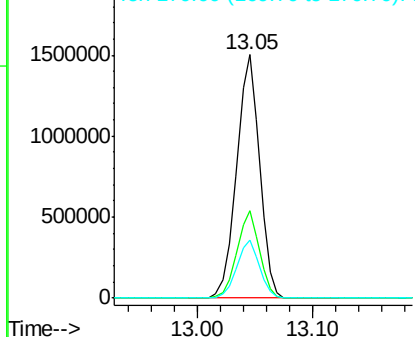


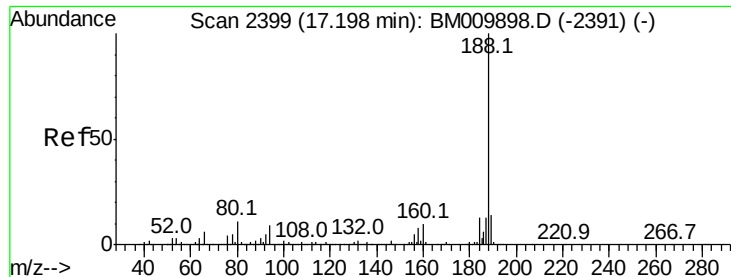
#44
 2-Fluorobiphenyl
 Concen: 109.77 ng
 RT: 13.05 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BM009923.D
 Acq: 06 May 2017 03:41

Tgt Ion:172 Resp: 2060995
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 24.0 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: 17.19 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BM009923.D

Acq: 06 May 2017 03:41

Instrument :

BNA_M

ClientSampleId :

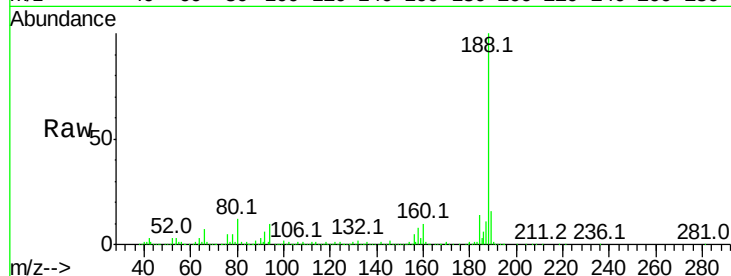
Tot Ion:188 Resp: 611540

Ion Ratio Lower Upper

188 100

94 9.7 8.7 13.1

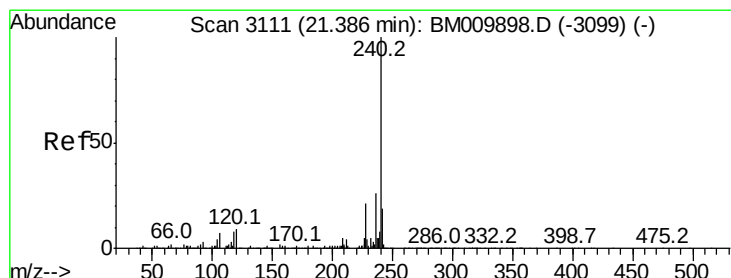
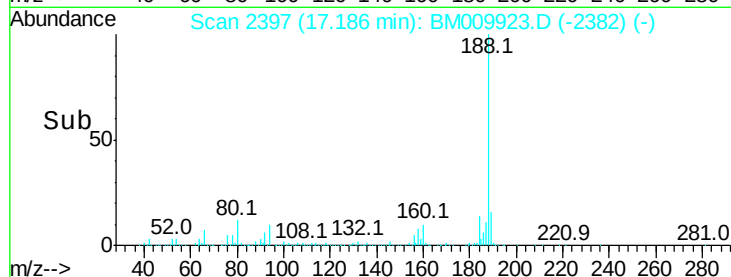
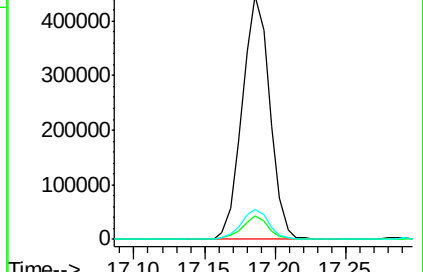
80 12.4 9.3 13.9



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: 21.37 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BM009923.D

Acq: 06 May 2017 03:41

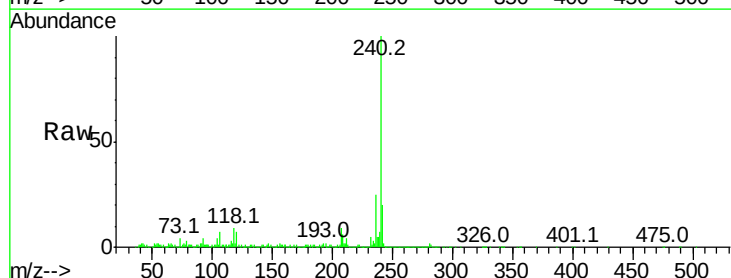
Tgt Ion:240 Resp: 761915

Ion Ratio Lower Upper

240 100

120 7.4 8.2 12.2#

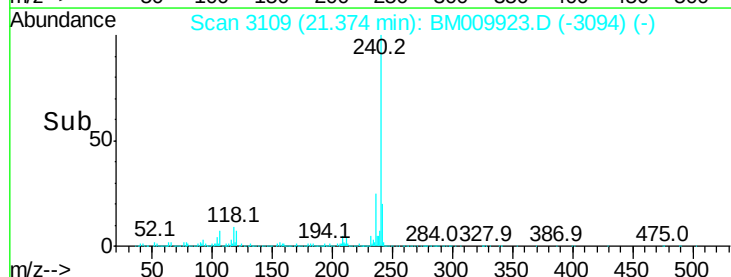
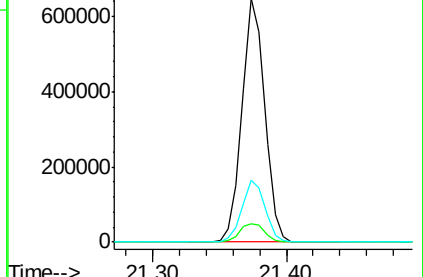
236 25.3 20.0 30.0

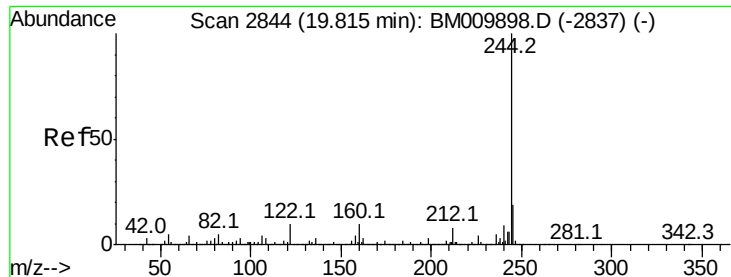


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.33 ng

RT: 19.82 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BM009923.D

Acq: 06 May 2017 03:41

Instrument :

BNA_M

ClientSampleId :

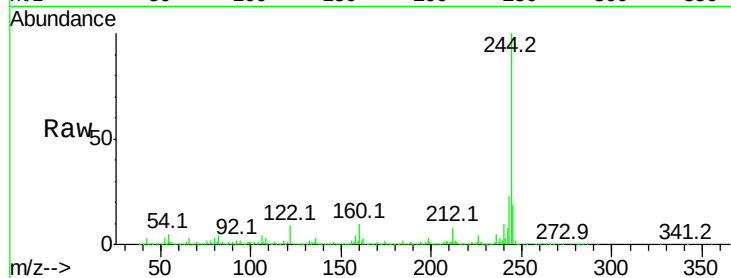
Tot Ion:244 Resp: 3726358

Ion Ratio Lower Upper

244 100

212 7.7 4.9 7.3#

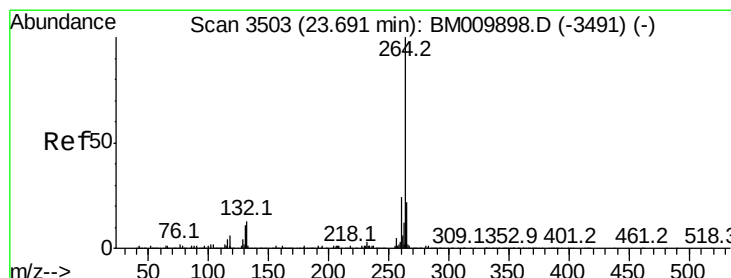
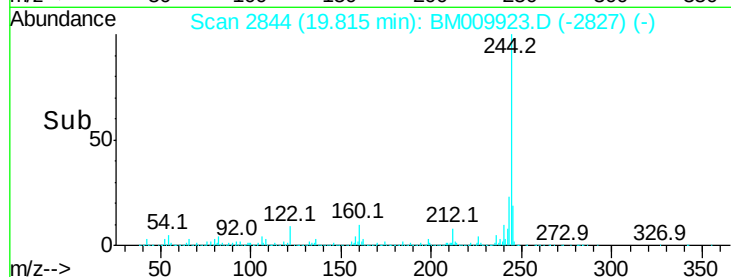
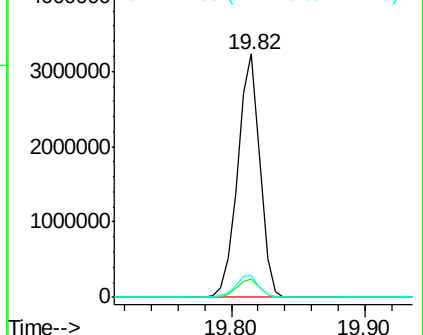
122 9.1 6.2 9.4



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

Perylene-d12

Concen: 20.00 ng

RT: 23.68 min Scan# 3501

Delta R.T. -0.01 min

Lab File: BM009923.D

Acq: 06 May 2017 03:41

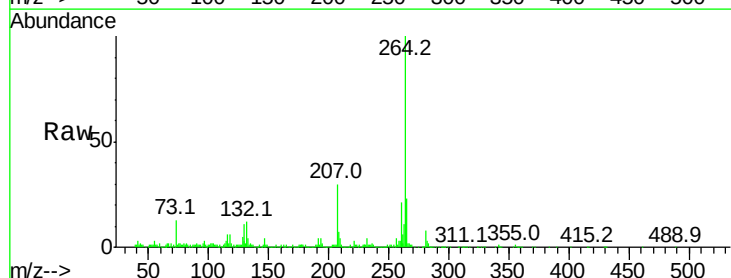
Tgt Ion:264 Resp: 573277

Ion Ratio Lower Upper

264 100

260 21.5 18.6 27.8

265 23.5 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

