

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051017\
 Data File : BM009976.D
 Acq On : 10 May 2017 18:22
 Operator : SJ/MA
 Sample : I3049-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DRUM-M4935

Quant Time: May 11 09:26:19 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	69630	20.00	ng	-0.01
21) Naphthalene-d8	10.56	136	278864	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	166718	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	405461	20.00	ng	-0.02
75) Chrysene-d12	21.36	240	499542	20.00	ng	-0.02
86) Perylene-d12	23.66	264	414158	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	747495	170.91	ng	0.00
7) Phenol-d6	6.95	99	1026200	153.07	ng	-0.02
23) Nitrobenzene-d5	8.94	82	889947	115.49	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	391267	171.84	ng	-0.02
44) 2-Fluorobiphenyl	13.03	172	1392545	108.83	ng	-0.02
78) Terphenyl-d14	19.80	244	2589315	106.33	ng	-0.01

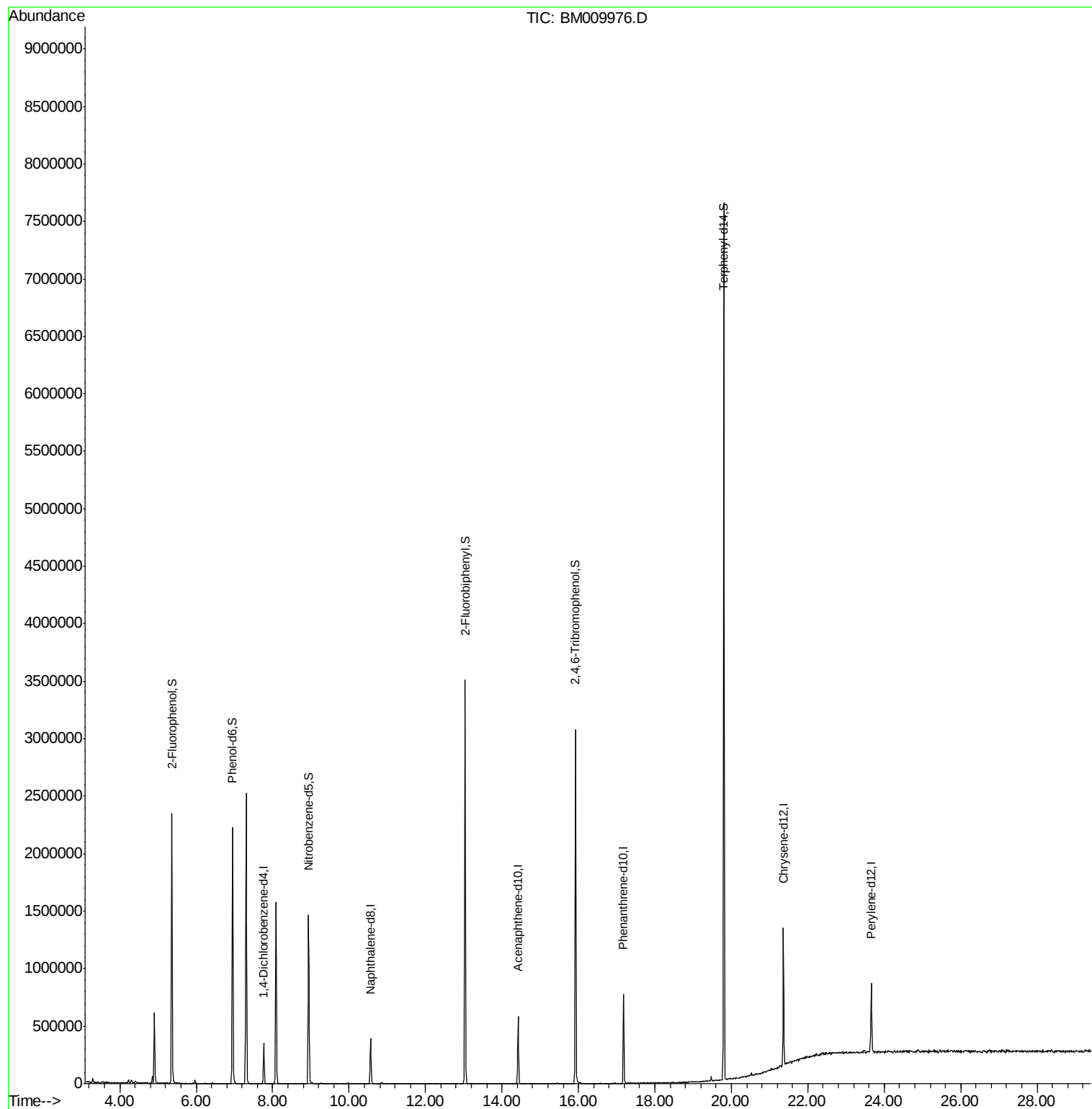
Target Compounds Qvalue

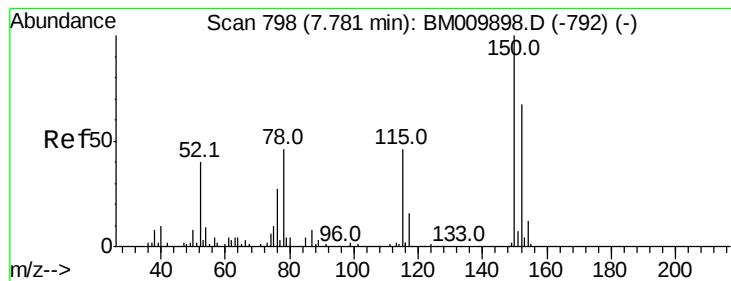
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.77 min Scan# 796

Delta R.T. -0.01 min

Lab File: BM009976.D

Acq: 10 May 2017 18:22

Instrument :

BNA_M

ClientSampleId :

DRUM-M4935

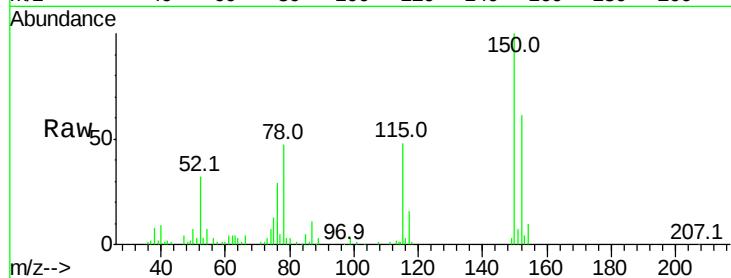
Tot Ion:152 Resp: 69630

Ion Ratio Lower Upper

152 100

150 163.6 119.5 179.3

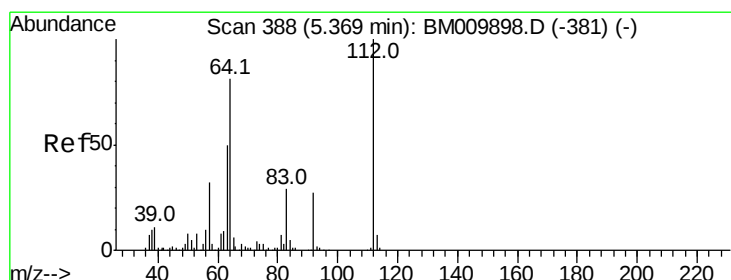
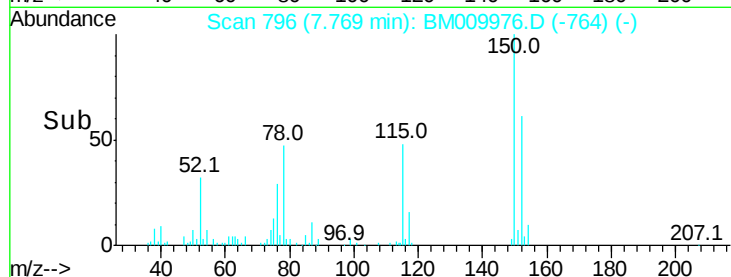
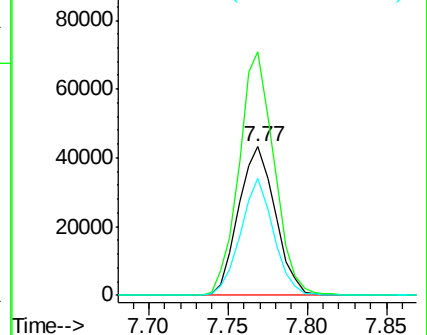
115 78.6 43.0 64.4#



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: 170.91 ng

RT: 5.36 min Scan# 387

Delta R.T. -0.01 min

Lab File: BM009976.D

Acq: 10 May 2017 18:22

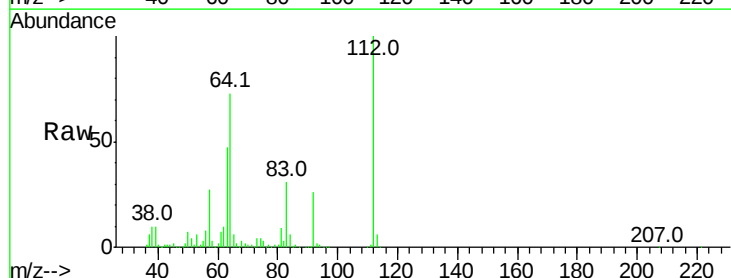
Tgt Ion:112 Resp: 747495

Ion Ratio Lower Upper

112 100

64 72.8 38.6 57.8#

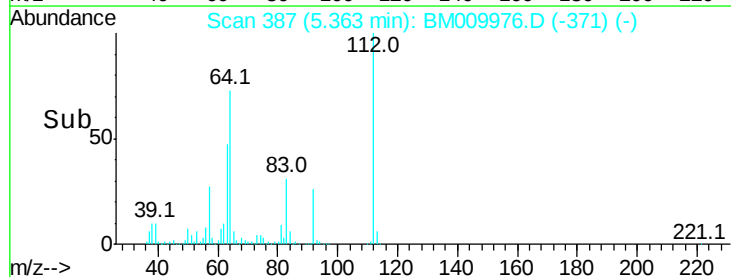
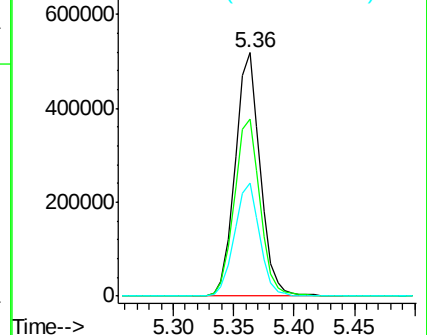
63 46.6 19.3 28.9#

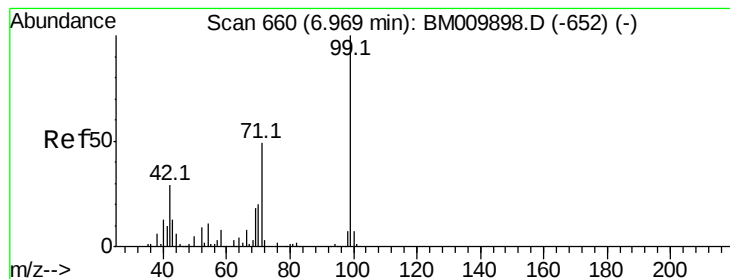


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 153.07 ng

RT: 6.95 min Scan# 657

Delta R.T. -0.02 min

Lab File: BM009976.D

Acq: 10 May 2017 18:22

Instrument :

BNA_M

ClientSampleId :

DRUM-M4935

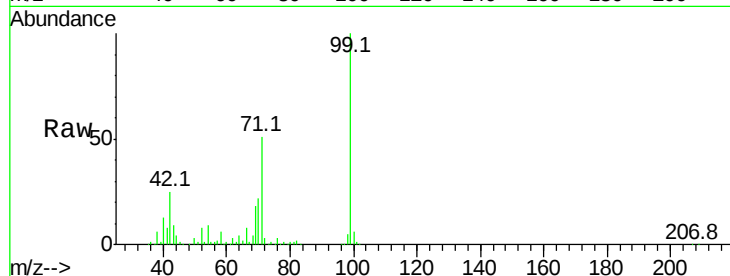
Tot Ion: 99 Resp: 1026200

Ion Ratio Lower Upper

99 100

42 25.2 11.0 16.4#

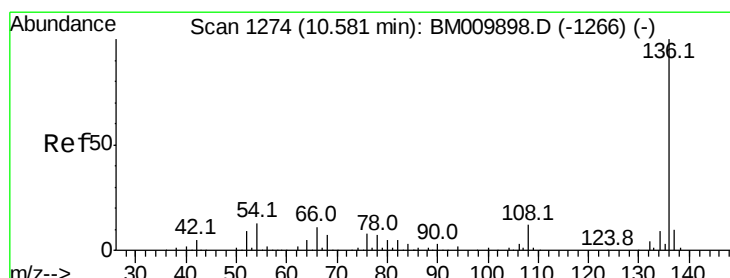
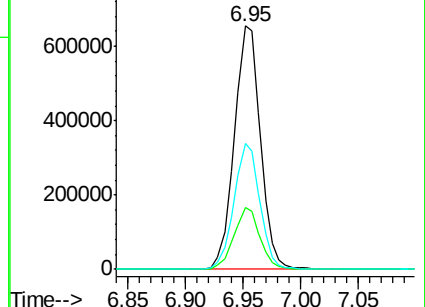
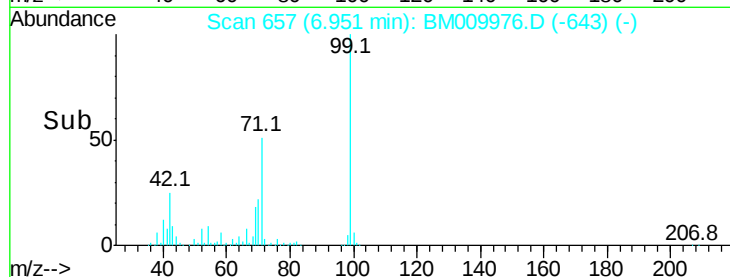
71 51.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009898.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BM009898.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BM009898.D (-652) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BM009976.D

Acq: 10 May 2017 18:22

Tgt Ion: 136 Resp: 278864

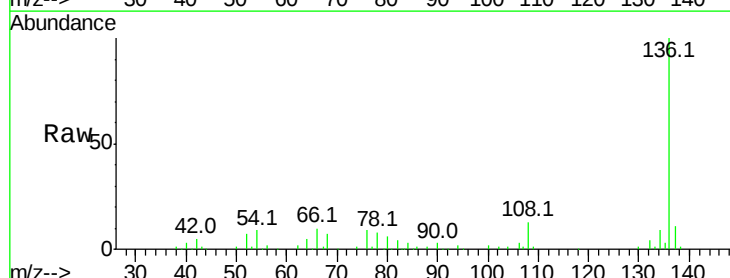
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 9.2 4.6 6.8#

68 6.5 3.7 5.5#

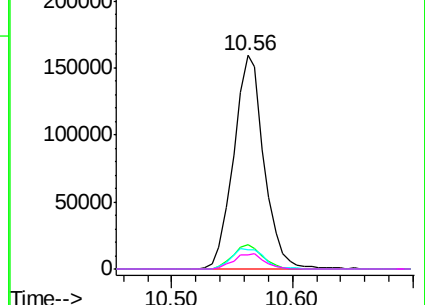
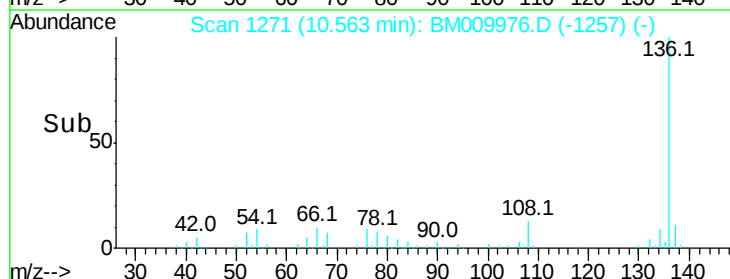


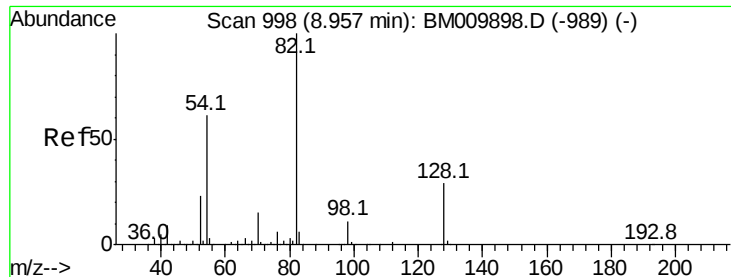
Abundance Ion 136.00 (135.70 to 136.70): BM009898.D (-1266) (-)

Ion 137.00 (136.70 to 137.70): BM009898.D (-1266) (-)

Ion 54.00 (53.70 to 54.70): BM009898.D (-1266) (-)

Ion 68.00 (67.70 to 68.70): BM009898.D (-1266) (-)

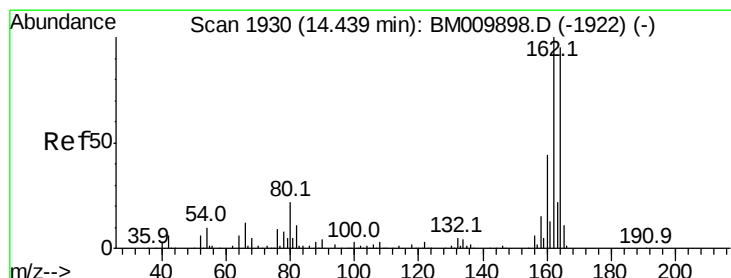
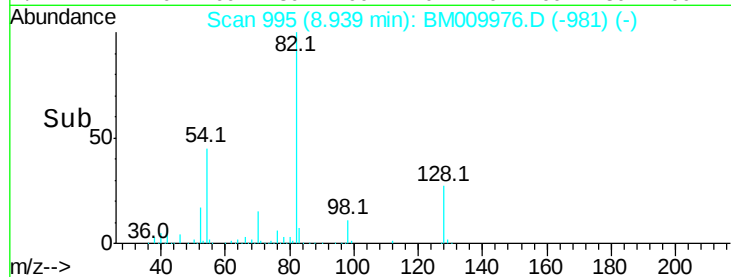
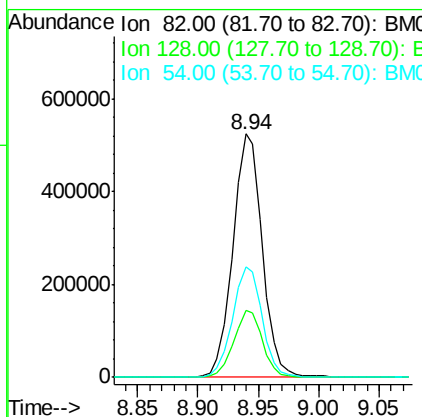
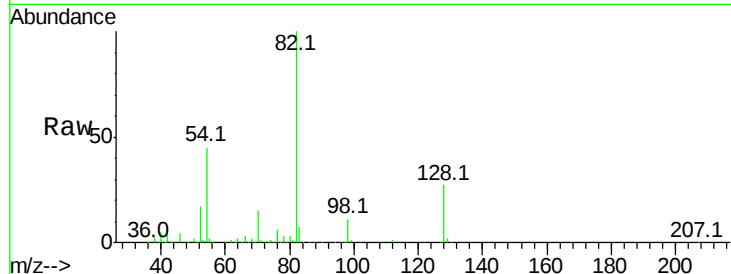




#23
 Nitrobenzene-d5
 Concen: 115.49 ng
 RT: 8.94 min Scan# 995
 Delta R.T. -0.02 min
 Lab File: BM009976.D
 Acq: 10 May 2017 18:22

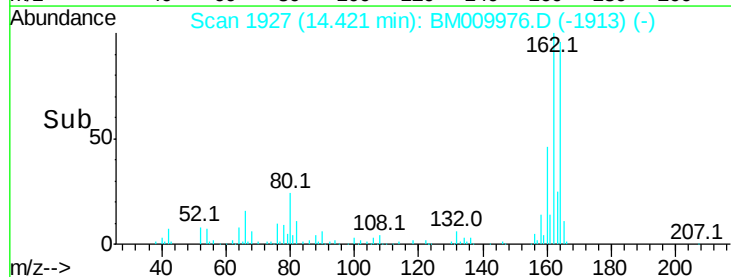
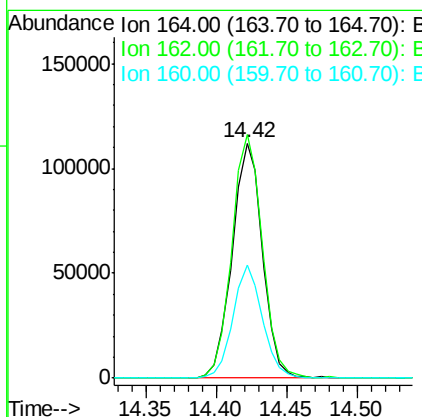
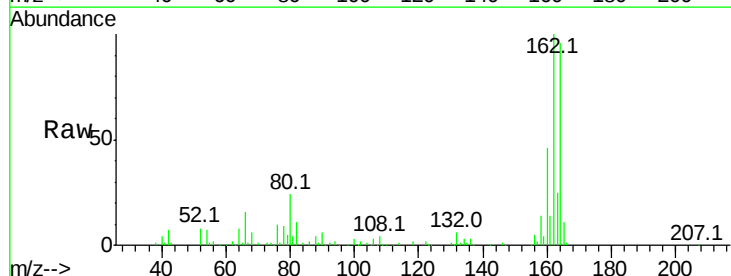
Instrument :
 BNA_M
 ClientSampleId :
 DRUM-M4935

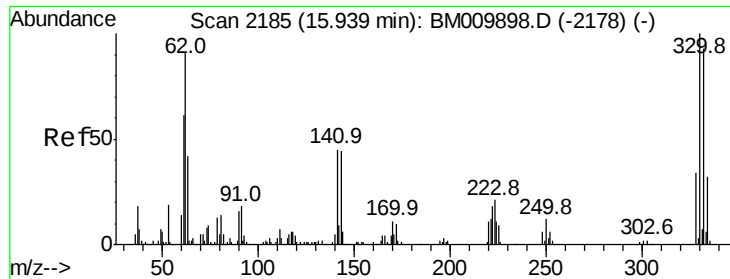
Tot Ion	82	Resp	889947
Ion Ratio	Lower	Upper	
82	100		
128	27.3	32.8	49.2#
54	45.4	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.42 min Scan# 1927
 Delta R.T. -0.02 min
 Lab File: BM009976.D
 Acq: 10 May 2017 18:22

Tgt Ion	164	Resp	166718
Ion Ratio	Lower	Upper	
164	100		
162	103.7	82.4	123.6
160	47.9	35.8	53.6

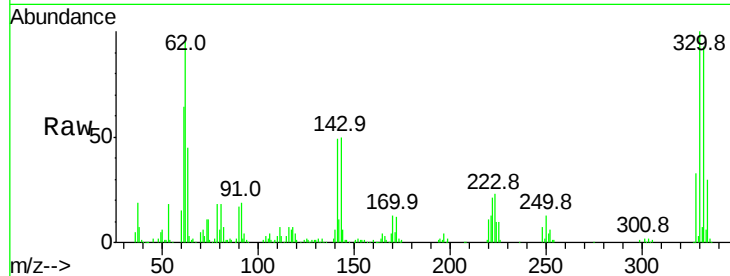




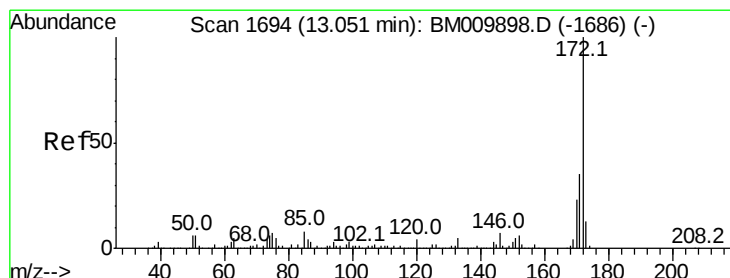
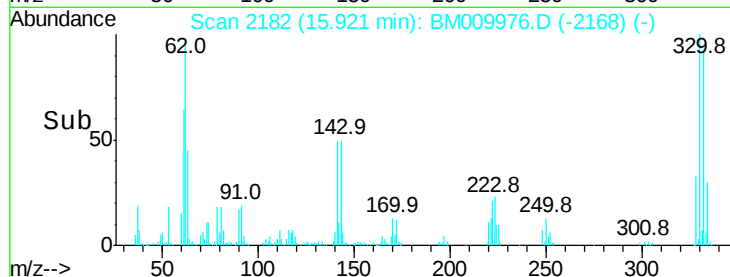
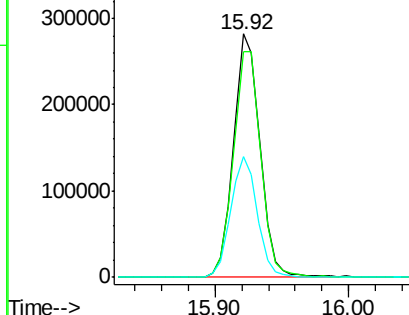
#41
 2,4,6-Tribromophenol
 Concen: 171.84 ng
 RT: 15.92 min Scan# 2182
 Delta R.T. -0.02 min
 Lab File: BM009976.D
 Acq: 10 May 2017 18:22

Instrument :
 BNA_M
 ClientSampleId :
 DRUM-M4935

Tot Ion:330 Resp: 391267
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 49.8 0.0 0.0#

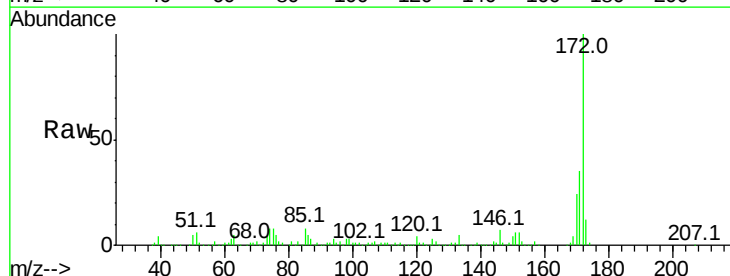


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

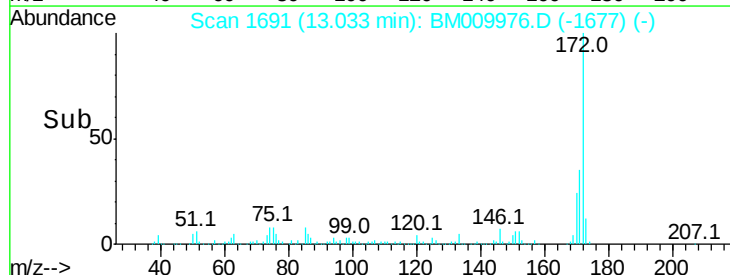
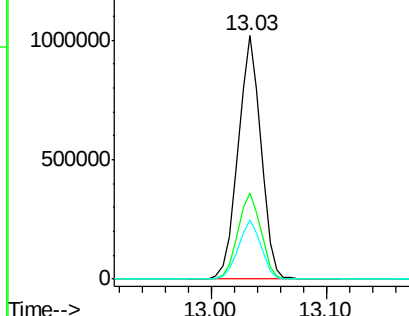


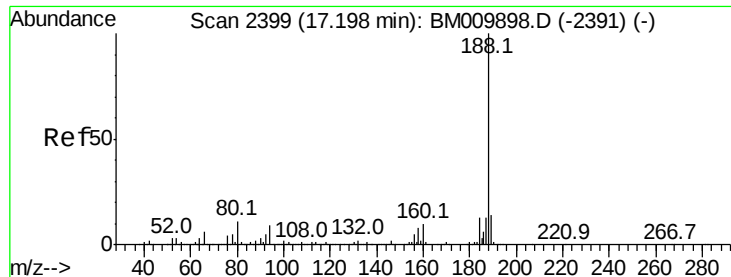
#44
 2-Fluorobiphenyl
 Concen: 108.83 ng
 RT: 13.03 min Scan# 1691
 Delta R.T. -0.02 min
 Lab File: BM009976.D
 Acq: 10 May 2017 18:22

Tgt Ion:172 Resp: 1392545
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 24.2 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

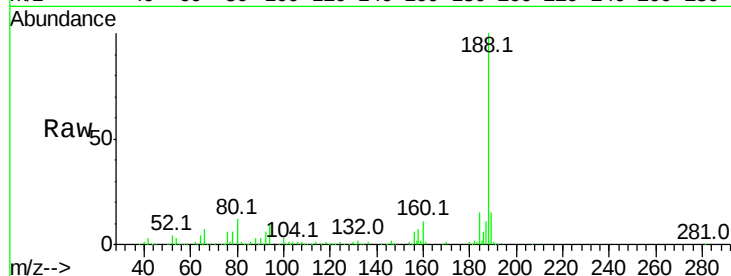




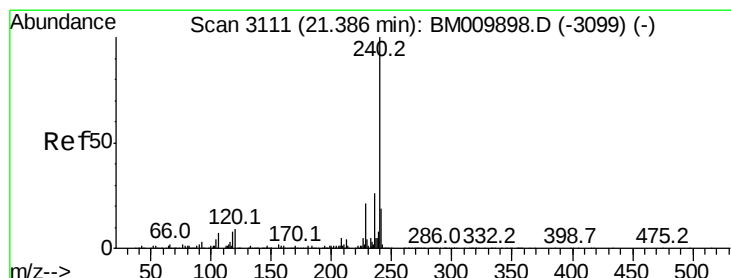
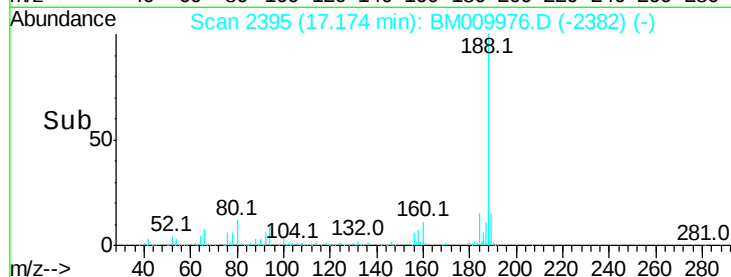
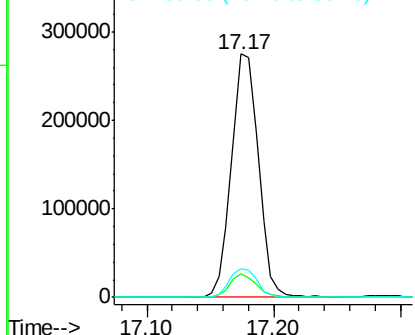
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2395
Delta R.T. -0.02 min
Lab File: BM009976.D
Acq: 10 May 2017 18:22

Instrument :
BNA_M
ClientSampleId :
DRUM-M4935

Tot Ion:188 Resp: 405461
Ion Ratio Lower Upper
188 100
94 9.9 8.7 13.1
80 11.7 9.3 13.9

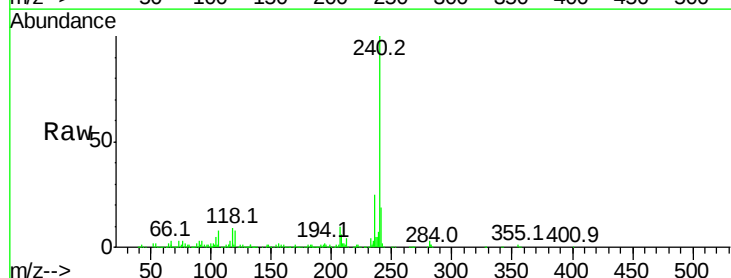


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

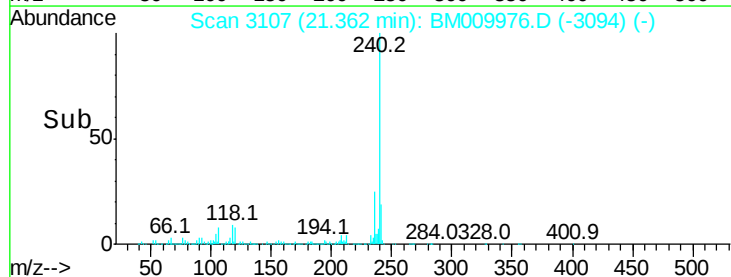
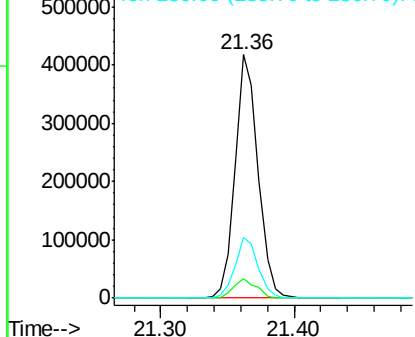


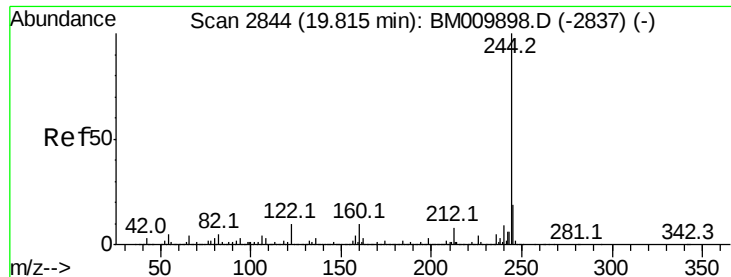
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3107
Delta R.T. -0.02 min
Lab File: BM009976.D
Acq: 10 May 2017 18:22

Tgt Ion:240 Resp: 499542
Ion Ratio Lower Upper
240 100
120 8.1 8.2 12.2#
236 24.8 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: 106.33 ng

RT: 19.80 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM009976.D

Acq: 10 May 2017 18:22

Instrument :

BNA_M

ClientSampleId :

DRUM-M4935

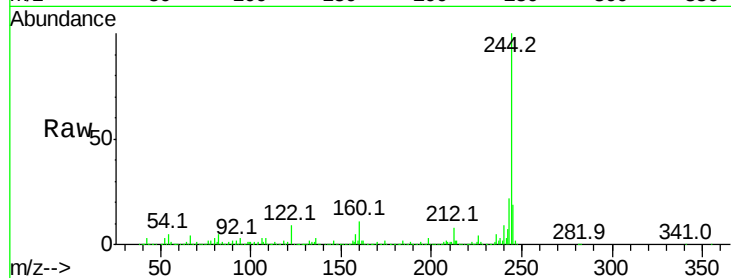
Tot Ion:244 Resp: 2589315

Ion Ratio Lower Upper

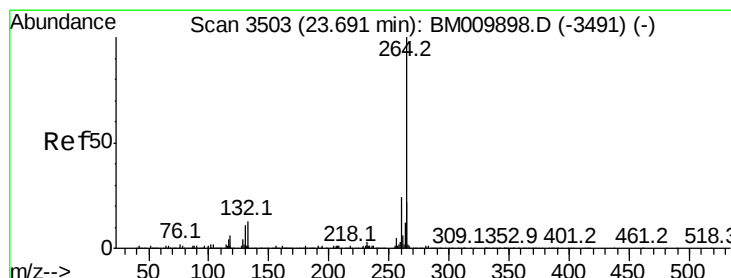
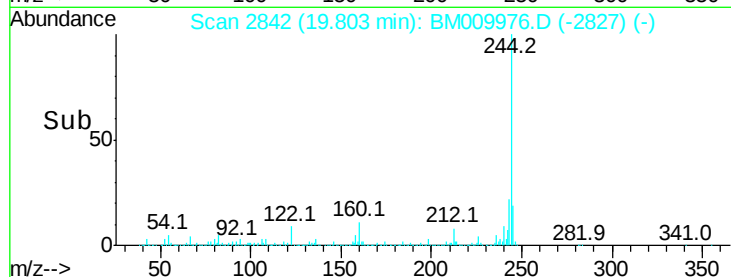
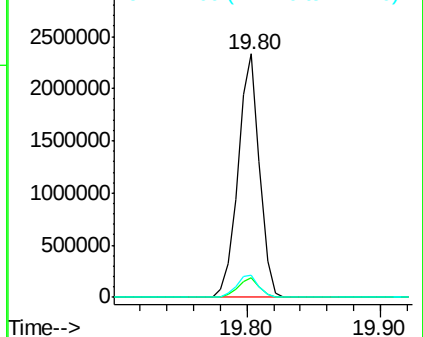
244 100

212 8.2 4.9 7.3#

122 8.9 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: 23.66 min Scan# 3498

Delta R.T. -0.03 min

Lab File: BM009976.D

Acq: 10 May 2017 18:22

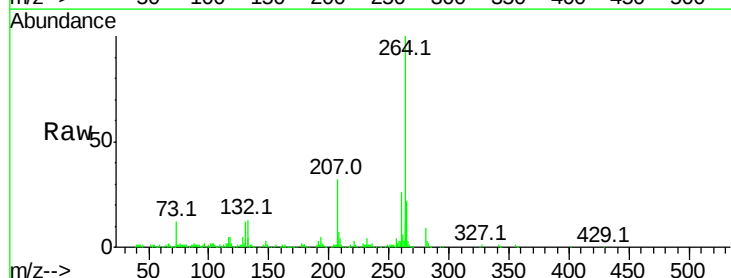
Tgt Ion:264 Resp: 414158

Ion Ratio Lower Upper

264 100

260 25.8 18.6 27.8

265 22.3 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

