

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050617\
 Data File : BM009965.D
 Acq On : 07 May 2017 05:51
 Operator : SJ/MA
 Sample : I2997-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 08 05:46:44 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	76017	20.00	ng	-0.01
21) Naphthalene-d8	10.56	136	321700	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	205075	20.00	ng	-0.02
63) Phenanthrene-d10	17.18	188	524524	20.00	ng	-0.02
75) Chrysene-d12	21.37	240	642125	20.00	ng	-0.02
86) Perylene-d12	23.67	264	482171	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	347292	72.73	ng	-0.01
7) Phenol-d6	6.95	99	329274	44.99	ng	-0.02
23) Nitrobenzene-d5	8.94	82	825089	92.81	ng	-0.02
41) 2,4,6-Tribromophenol	15.93	330	422420	150.82	ng	-0.01
44) 2-Fluorobiphenyl	13.03	172	1422968	90.41	ng	-0.02
78) Terphenyl-d14	19.80	244	2319127	74.09	ng	-0.01

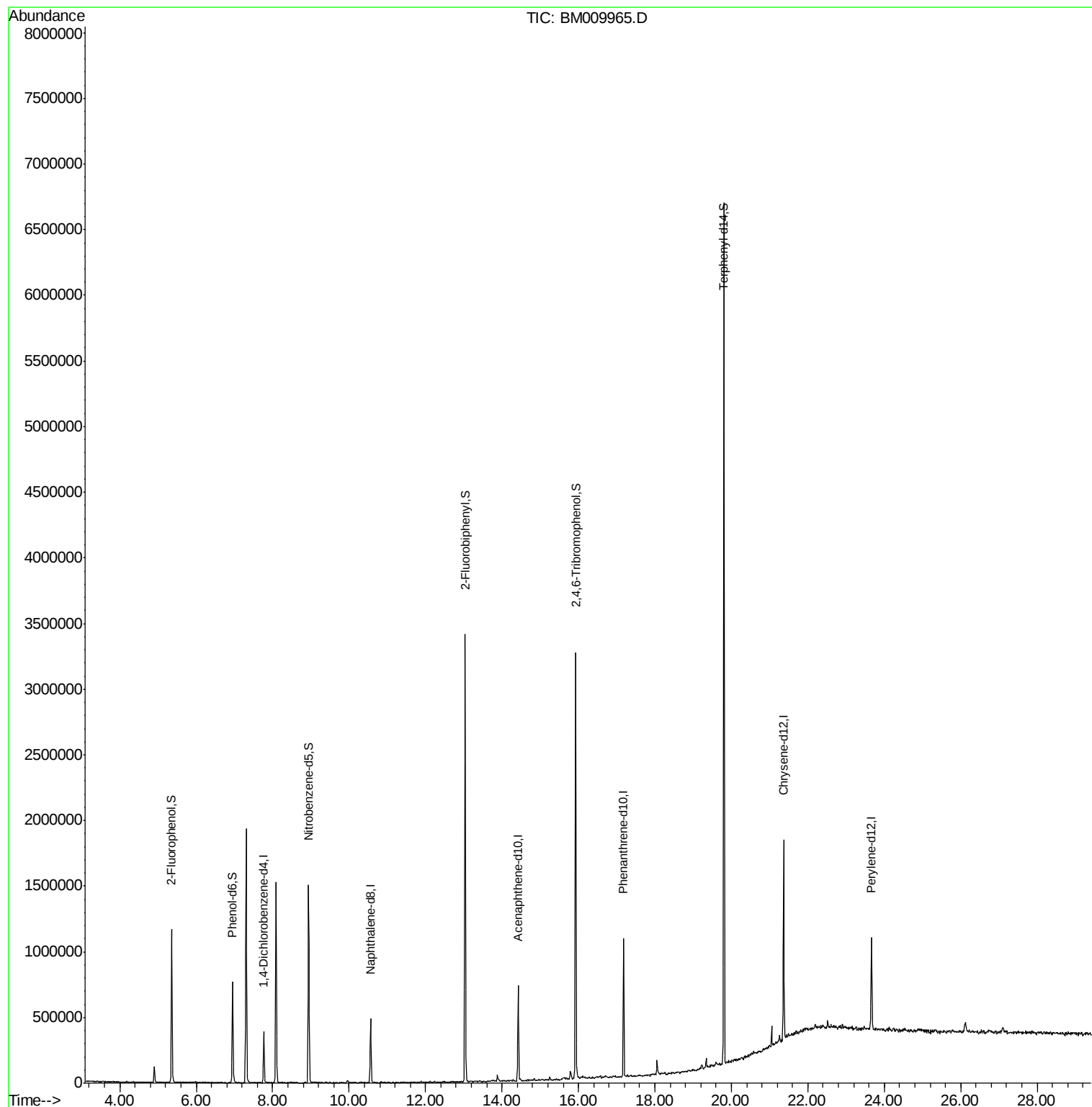
Target Compounds Qvalue

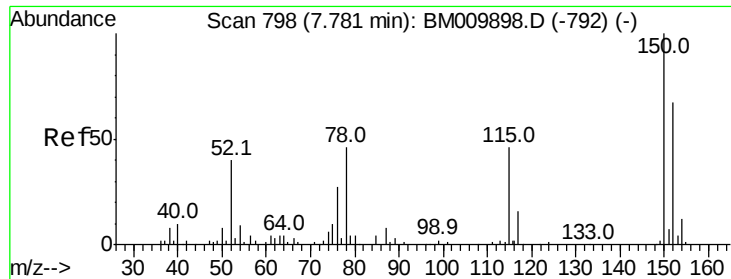
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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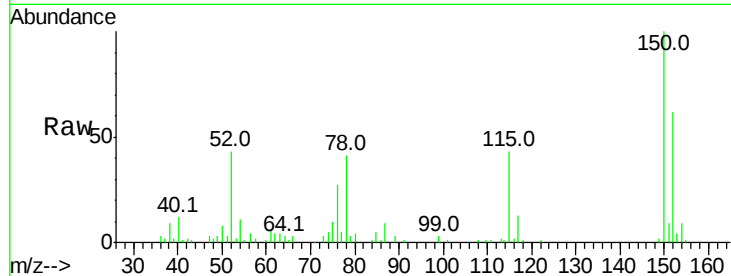


#1

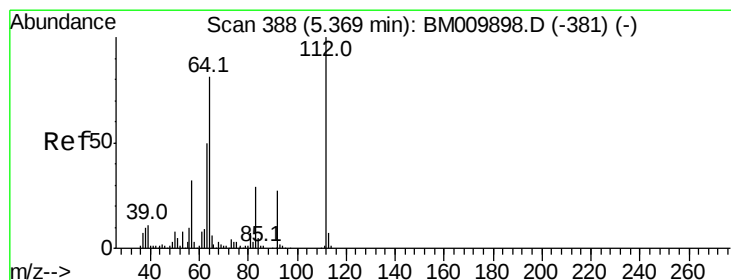
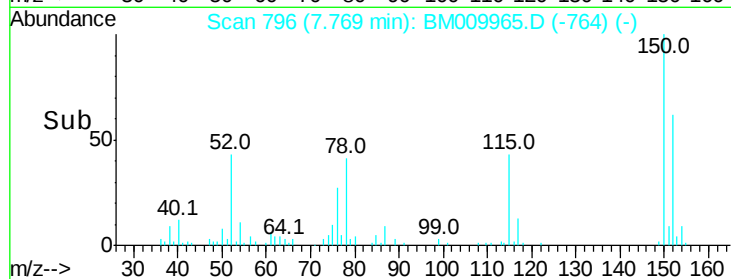
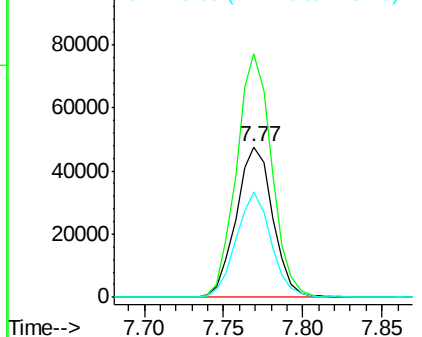
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM009965.D
Acq: 07 May 2017 05:51

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 76017
Ion Ratio Lower Upper
152 100
150 161.4 119.5 179.3
115 70.1 43.0 64.4#



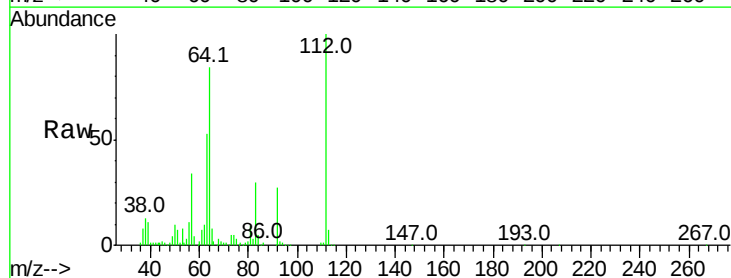
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



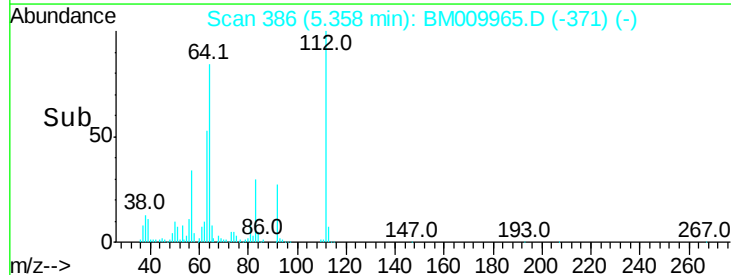
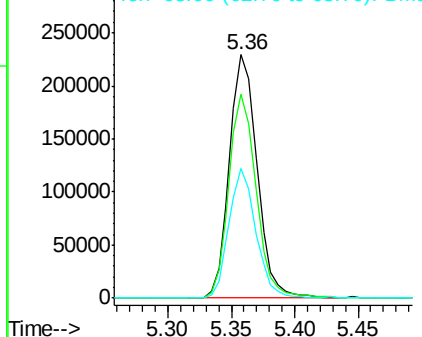
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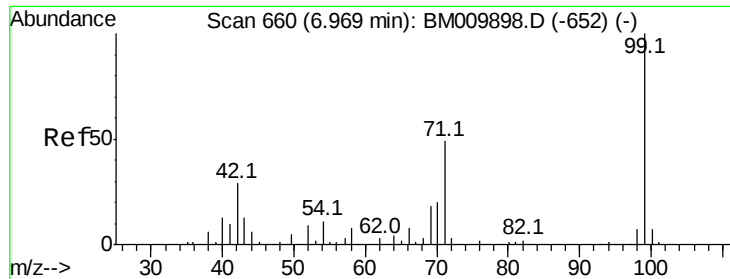
2-Fluorophenol
Concen: 72.73 ng
RT: 5.36 min Scan# 386
Delta R.T. -0.01 min
Lab File: BM009965.D
Acq: 07 May 2017 05:51

Tgt Ion:112 Resp: 347292
Ion Ratio Lower Upper
112 100
64 84.0 38.6 57.8#
63 53.1 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: 44.99 ng

RT: 6.95 min Scan# 657

Delta R.T. -0.02 min

Lab File: BM009965.D

Acq: 07 May 2017 05:51

Instrument :

BNA_M

ClientSampleId :

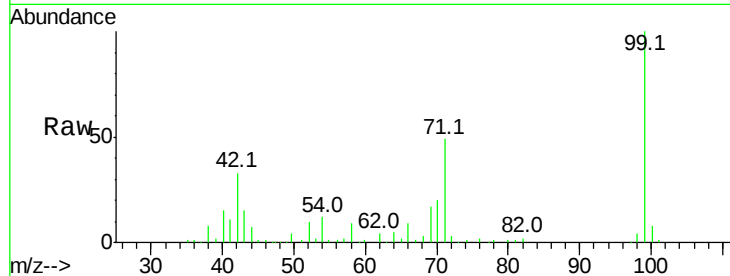
Tot Ion: 99 Resp: 329274

Ion Ratio Lower Upper

99 100

42 33.4 11.0 16.4#

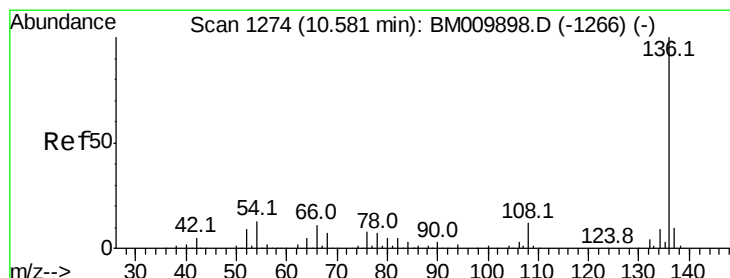
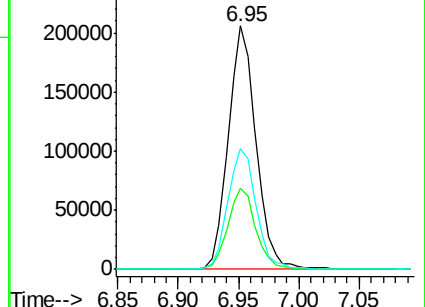
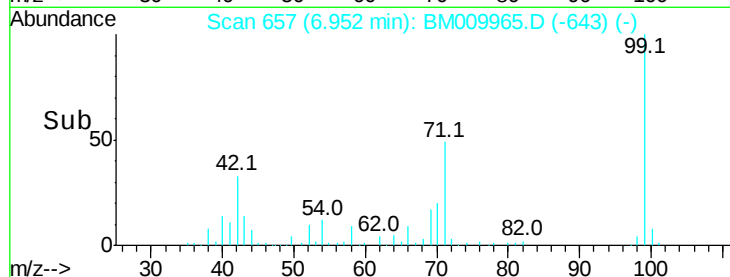
71 49.5 23.4 35.2#



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: BM009965.D

Acq: 07 May 2017 05:51

Tgt Ion: 136 Resp: 321700

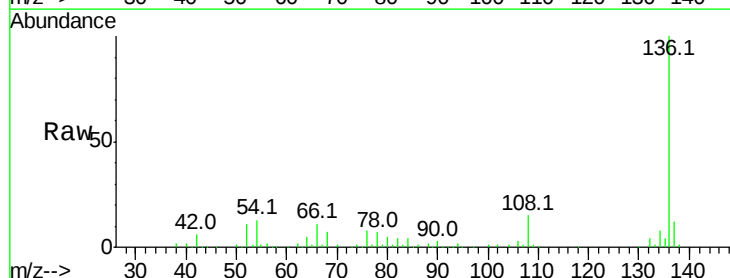
Ion Ratio Lower Upper

136 100

137 11.9 8.7 13.1

54 13.5 4.6 6.8#

68 7.0 3.7 5.5#

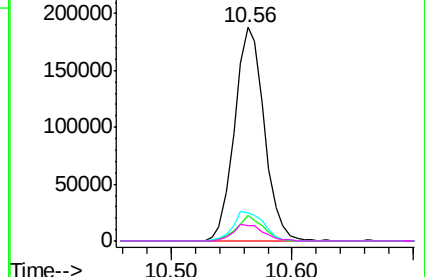
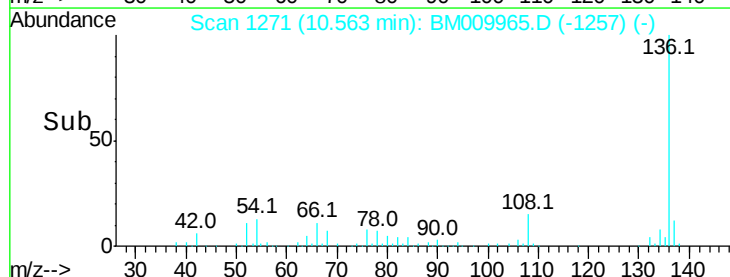


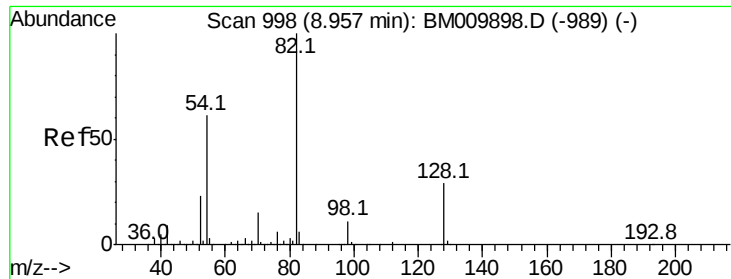
Abundance Ion 136.00 (135.70 to 136.70): BM009898.D (-1266) (-)

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) (-)

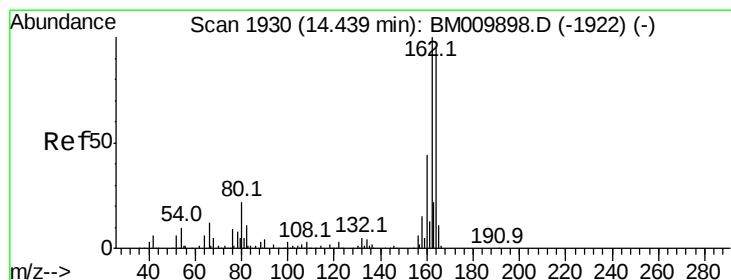
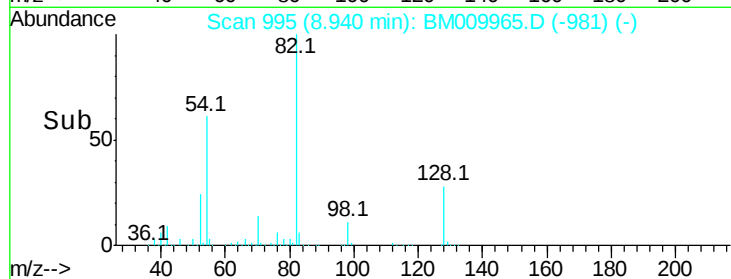
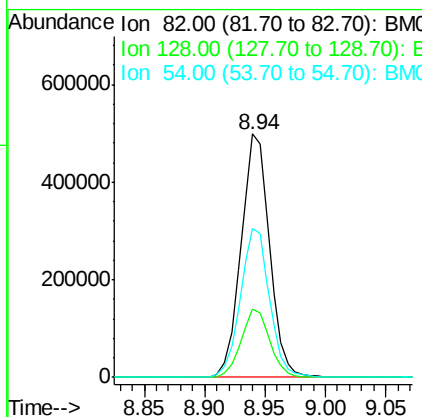
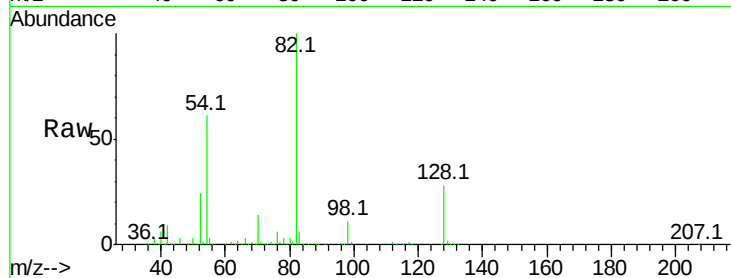




#23
Nitrobenzene-d5
Concen: 92.81 ng
RT: 8.94 min Scan# 995
Delta R.T. -0.02 min
Lab File: BM009965.D
Acq: 07 May 2017 05:51

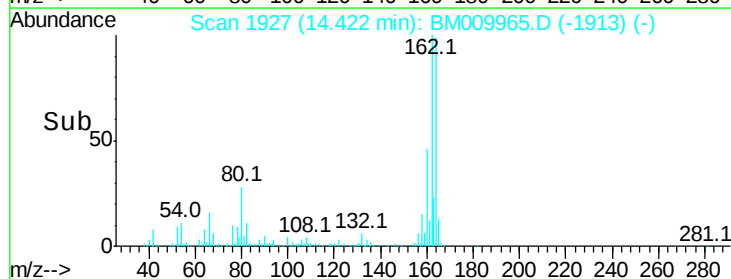
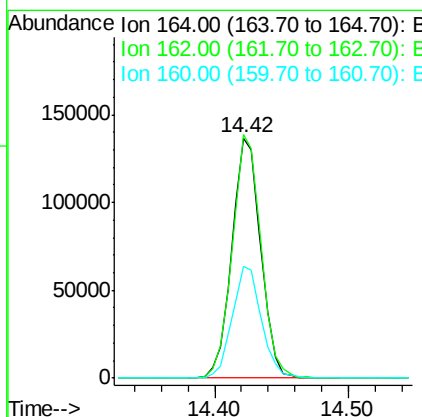
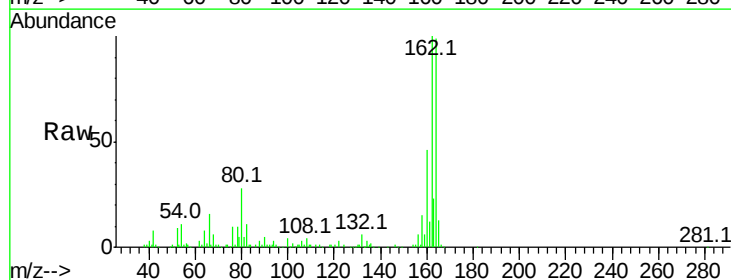
Instrument :
BNA_M
ClientSampleId :

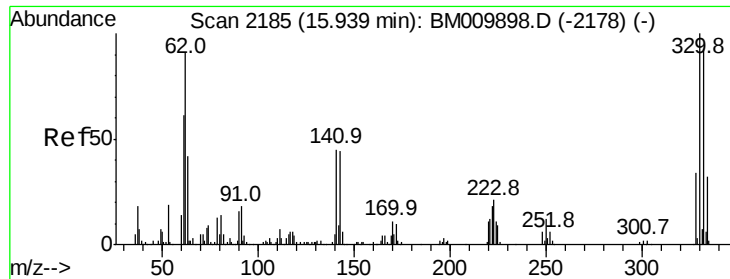
Tot Ion	82	Resp	825089
Ion Ratio	100	Lower	Upper
128	27.9	32.8	49.2#
54	61.0	40.6	60.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.42 min Scan# 1927
Delta R.T. -0.02 min
Lab File: BM009965.D
Acq: 07 May 2017 05:51

Tgt Ion	164	Resp	205075
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	101.4	82.4	123.6
160	46.3	35.8	53.6

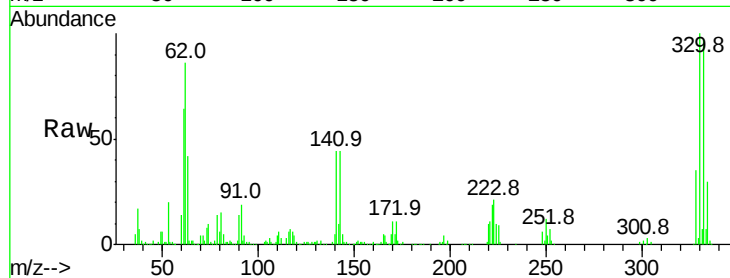




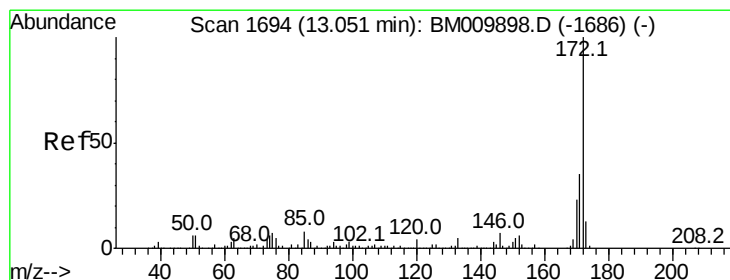
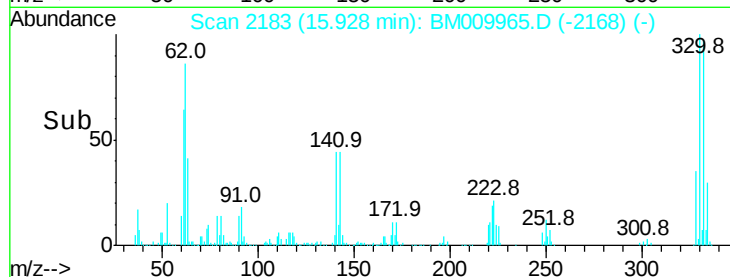
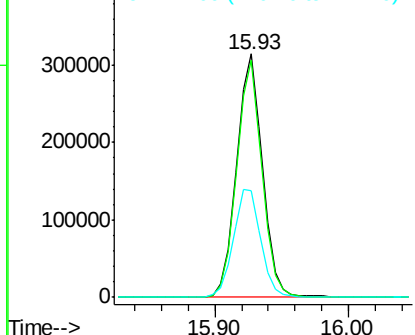
#41
 2,4,6-Tribromophenol
 Concen: 150.82 ng
 RT: 15.93 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: BM009965.D
 Acq: 07 May 2017 05:51

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 422420
 Ion Ratio Lower Upper
 330 100
 332 95.2 0.0 0.0#
 141 47.2 0.0 0.0#

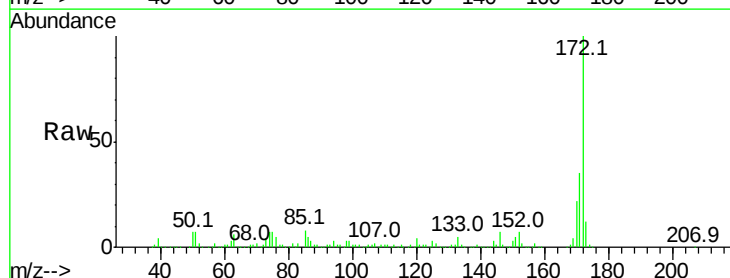


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

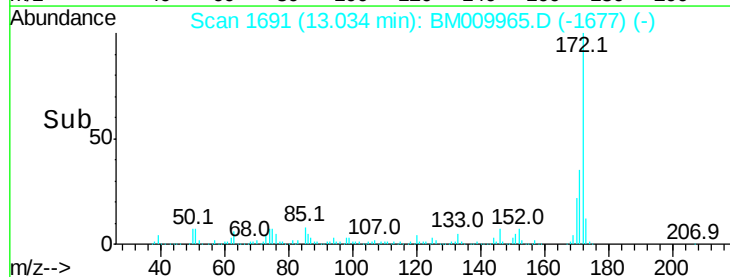
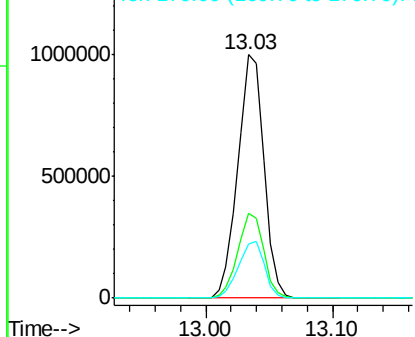


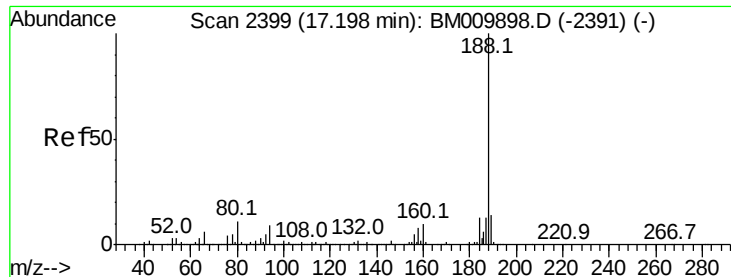
#44
 2-Fluorobiphenyl
 Concen: 90.41 ng
 RT: 13.03 min Scan# 1691
 Delta R.T. -0.02 min
 Lab File: BM009965.D
 Acq: 07 May 2017 05:51

Tgt Ion:172 Resp: 1422968
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 22.4 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

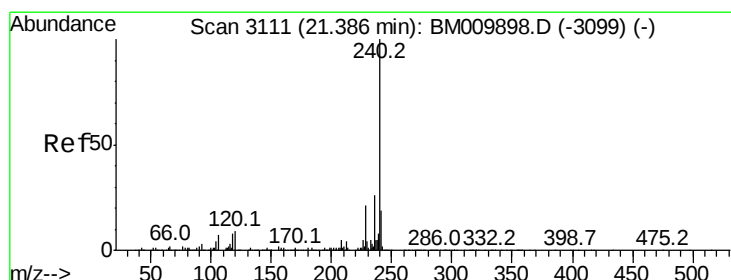
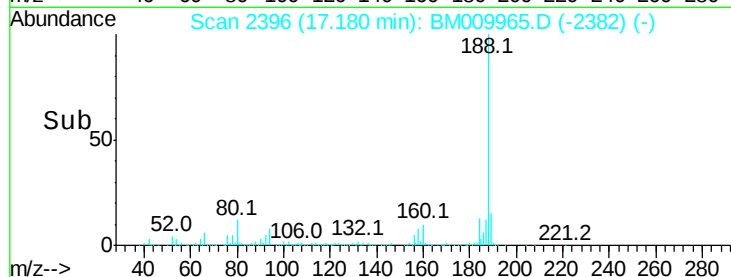
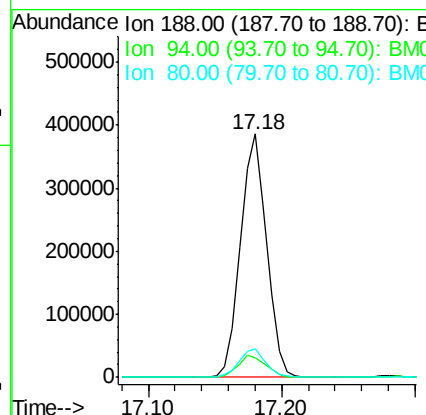
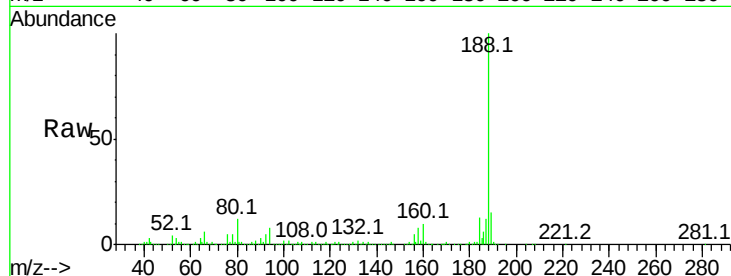




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.18 min Scan# 2396
Delta R.T. -0.02 min
Lab File: BM009965.D
Acq: 07 May 2017 05:51

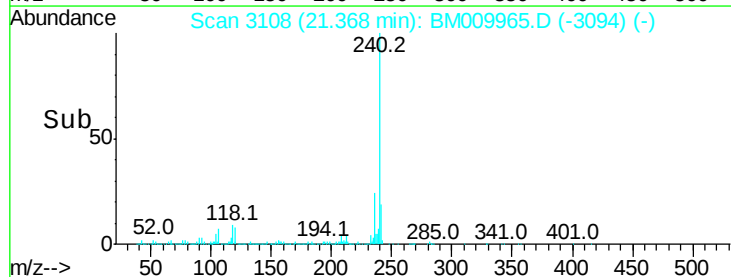
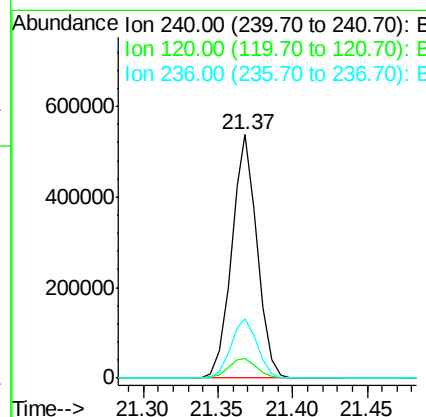
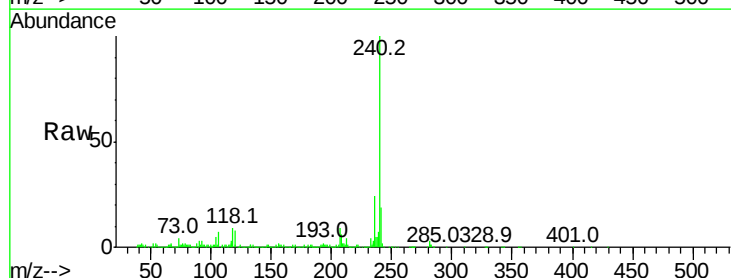
Instrument :
BNA_M
ClientSampled :

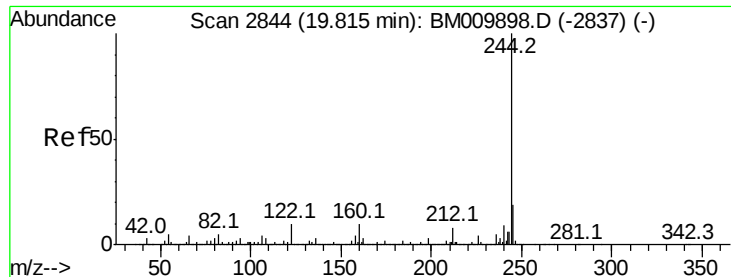
Tot Ion:188 Resp: 524524
Ion Ratio Lower Upper
188 100
94 8.2 8.7 13.1#
80 11.9 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.37 min Scan# 3108
Delta R.T. -0.02 min
Lab File: BM009965.D
Acq: 07 May 2017 05:51

Tgt Ion:240 Resp: 642125
Ion Ratio Lower Upper
240 100
120 8.0 8.2 12.2#
236 24.3 20.0 30.0

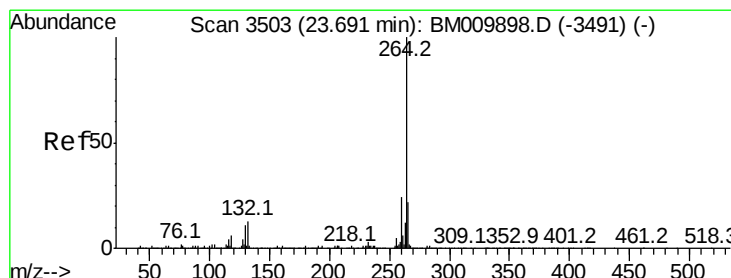
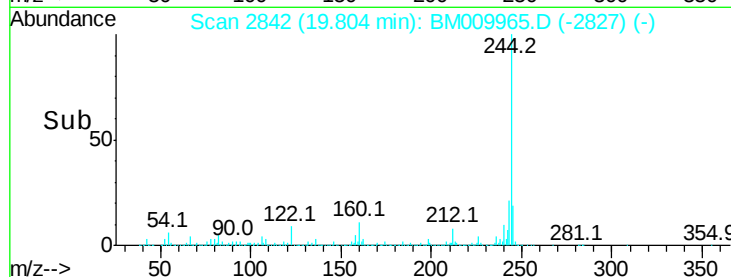
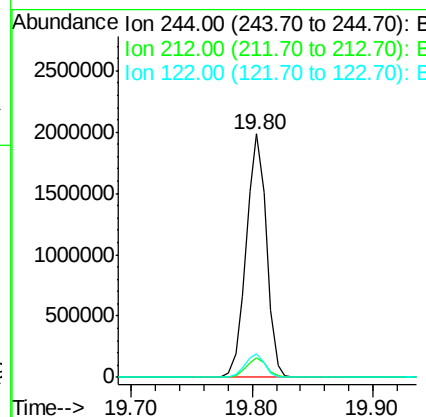
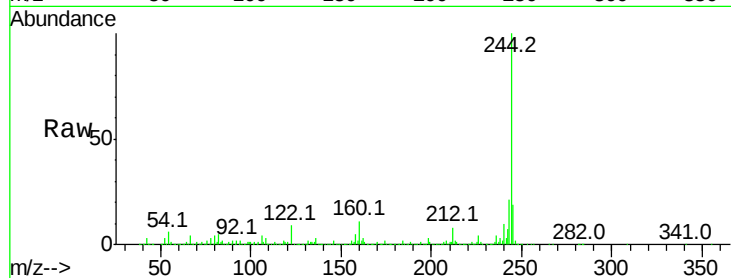




#78
 Terphenyl-d14
 Concen: 74.09 ng
 RT: 19.80 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BM009965.D
 Acq: 07 May 2017 05:51

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 2319127
 Ion Ratio Lower Upper
 244 100
 212 8.2 4.9 7.3#
 122 9.5 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.67 min Scan# 3499
 Delta R.T. -0.02 min
 Lab File: BM009965.D
 Acq: 07 May 2017 05:51

Tgt Ion:264 Resp: 482171
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 27.8
 265 22.8 17.3 25.9

