

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032217\
 Data File : BM009324.D
 Acq On : 22 Mar 2017 18:47
 Operator : SJ/MA
 Sample : PB97680BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB97680BL

Quant Time: Mar 23 04:06:35 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 16:43:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	140573	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	492704	20.00	ng	0.00
38) Acenaphthene-d10	14.50	164	260685	20.00	ng	0.00
63) Phenanthrene-d10	17.25	188	578928	20.00	ng	0.00
75) Chrysene-d12	21.43	240	670667	20.00	ng	0.00
86) Perylene-d12	23.75	264	602520	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1250574	148.29	ng	0.00
7) Phenol-d6	7.02	99	1693688	147.27	ng	0.00
23) Nitrobenzene-d5	9.03	82	1222572	93.04	ng	0.00
41) 2,4,6-Tribromophenol	15.99	330	473497	146.21	ng	0.00
44) 2-Fluorobiphenyl	13.12	172	2098590	97.00	ng	0.00
78) Terphenyl-d14	19.87	244	2730375	85.07	ng	0.00

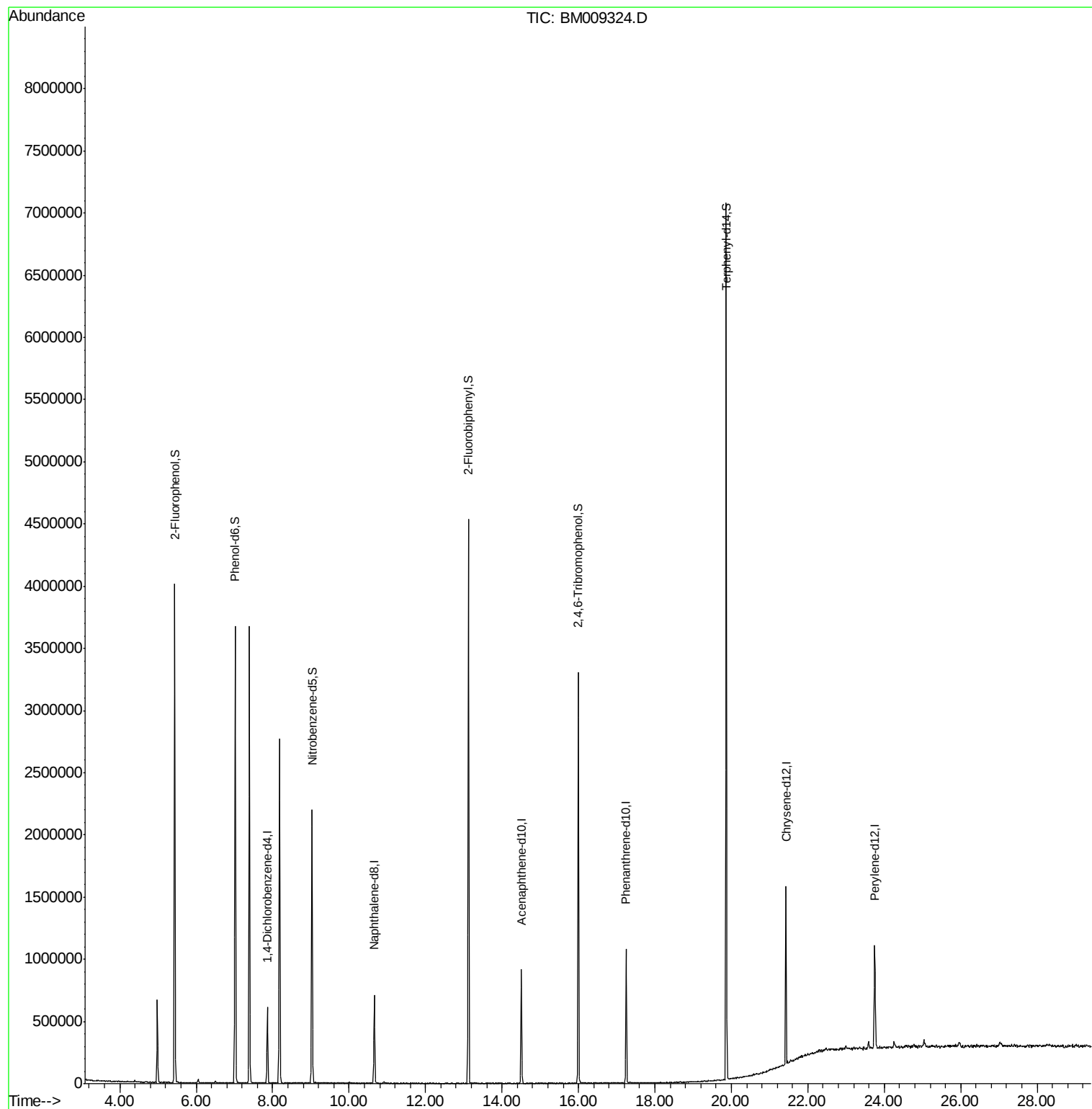
Target Compounds Qvalue

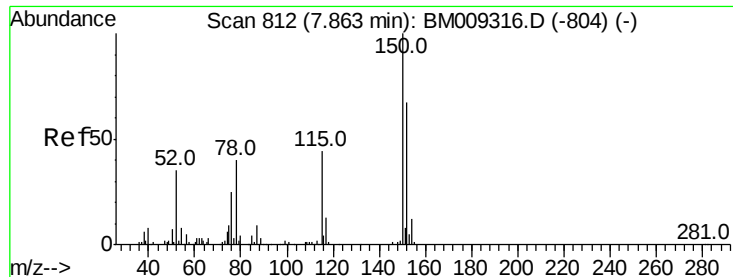
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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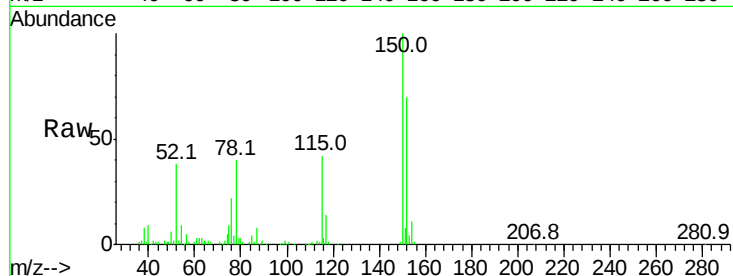


#1

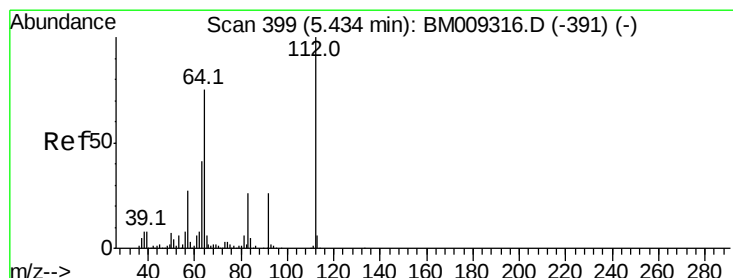
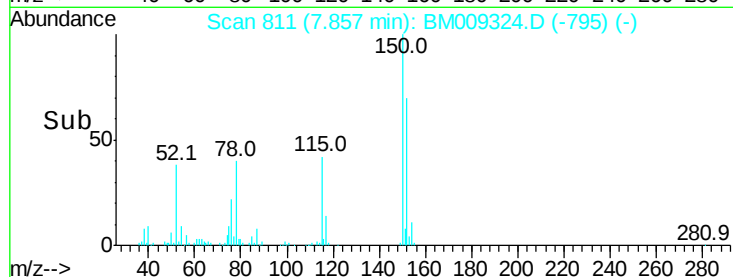
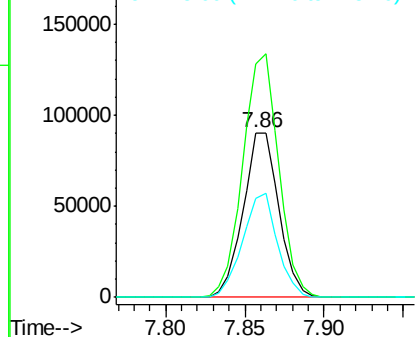
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BM009324.D
Acq: 22 Mar 2017 18:47

Instrument :
BNA_M
ClientSampleId :
PB97680BL

Tot Ion:152 Resp: 140573
Ion Ratio Lower Upper
152 100
150 142.1 119.5 179.3
115 60.4 43.0 64.4



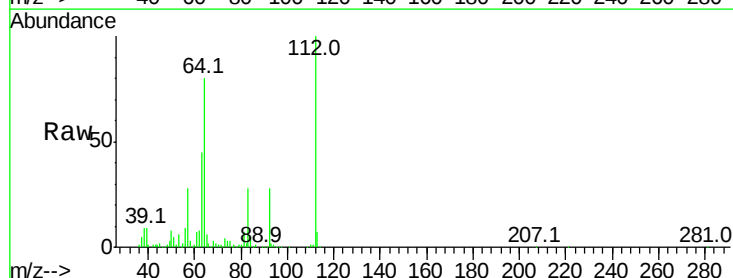
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



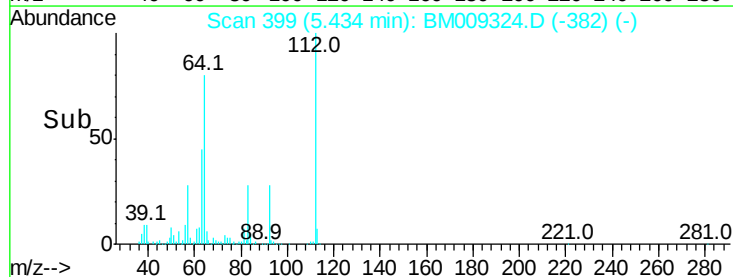
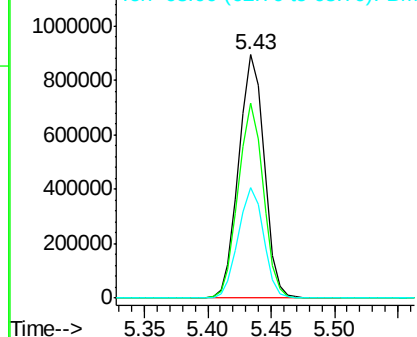
#5

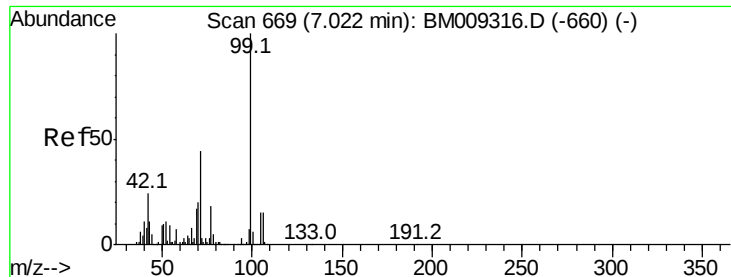
2-Fluorophenol
Concen: 148.29 ng
RT: 5.43 min Scan# 399
Delta R.T. 0.00 min
Lab File: BM009324.D
Acq: 22 Mar 2017 18:47

Tgt Ion:112 Resp: 1250574
Ion Ratio Lower Upper
112 100
64 80.3 38.6 57.8#
63 45.2 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: 147.27 ng

RT: 7.02 min Scan# 669

Delta R.T. -0.00 min

Lab File: BM009324.D

Acq: 22 Mar 2017 18:47

Instrument :

BNA_M

ClientSampled :

PB97680BL

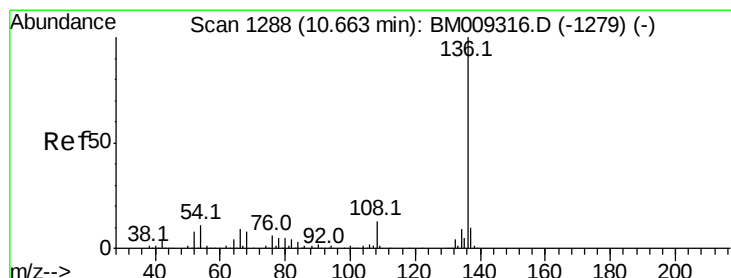
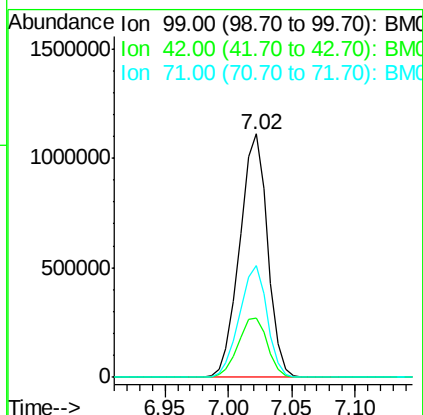
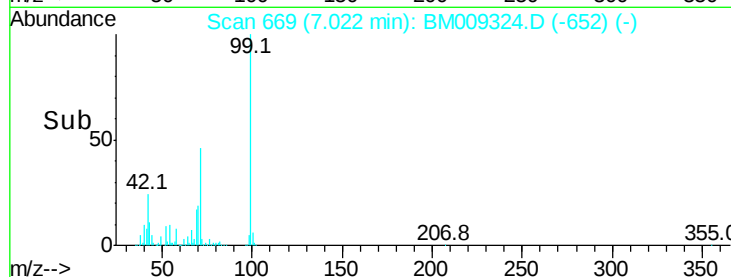
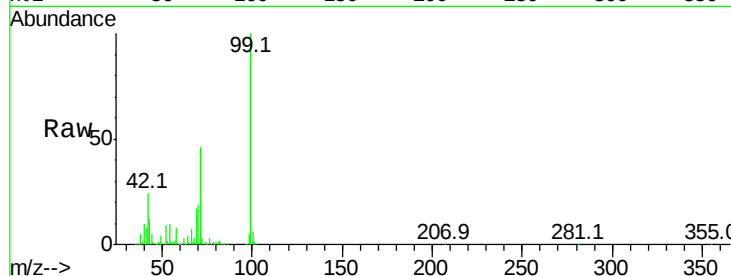
Tot Ion: 99 Resp: 1693688

Ion Ratio Lower Upper

99 100

42 24.1 11.0 16.4#

71 45.7 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BM009324.D

Acq: 22 Mar 2017 18:47

Tgt Ion: 136 Resp: 492704

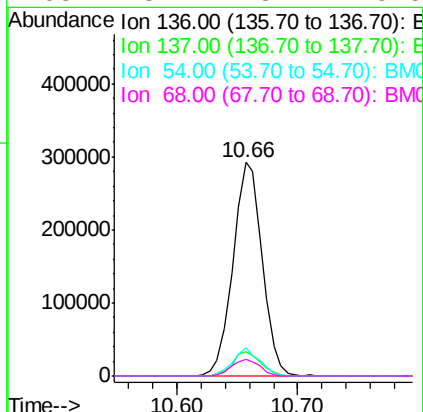
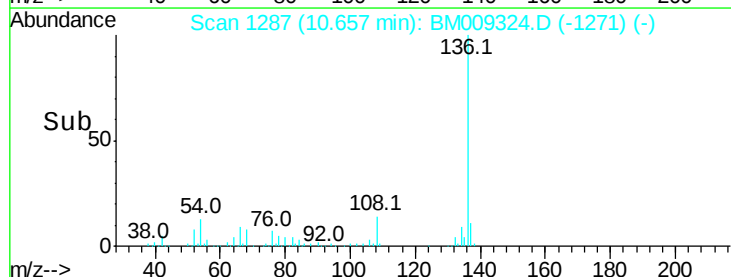
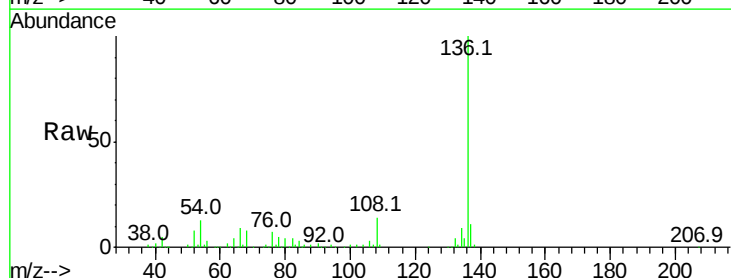
Ion Ratio Lower Upper

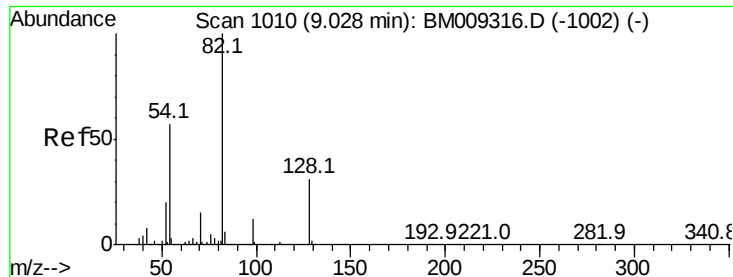
136 100

137 11.3 8.7 13.1

54 13.0 4.6 6.8#

68 8.1 3.7 5.5#

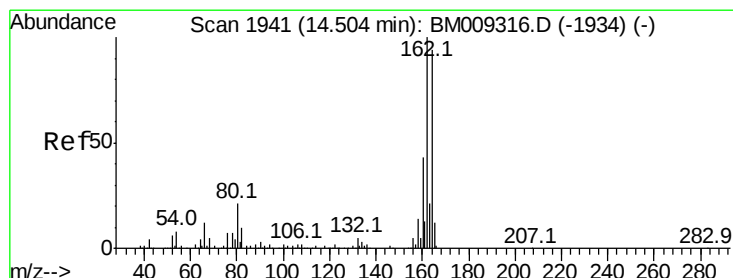
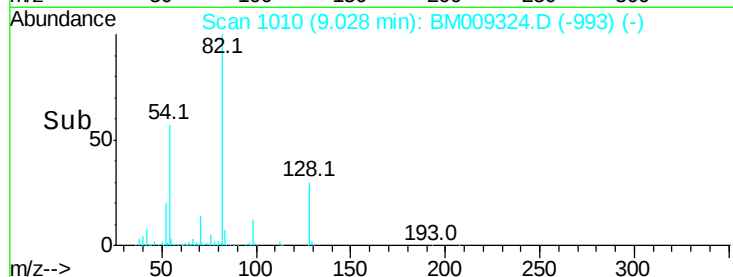
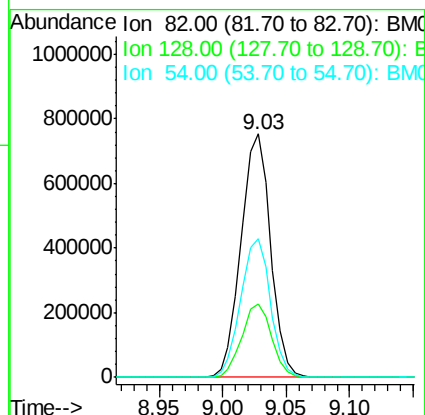
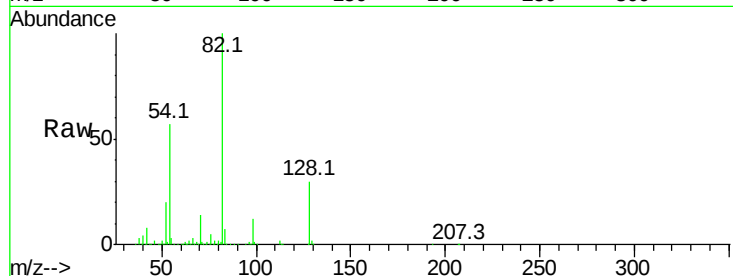




#23
Nitrobenzene-d5
Concen: 93.04 ng
RT: 9.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BM009324.D
Acq: 22 Mar 2017 18:47

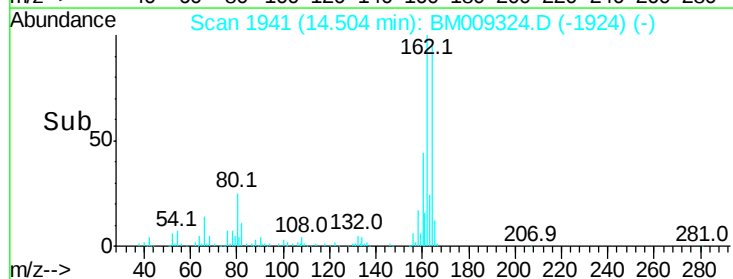
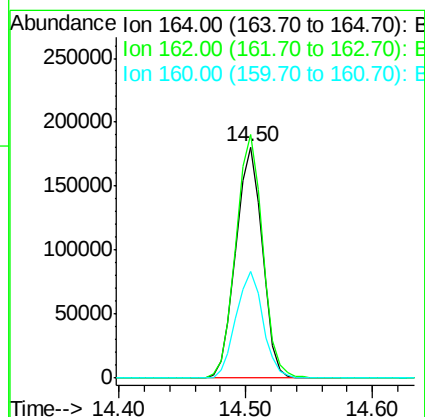
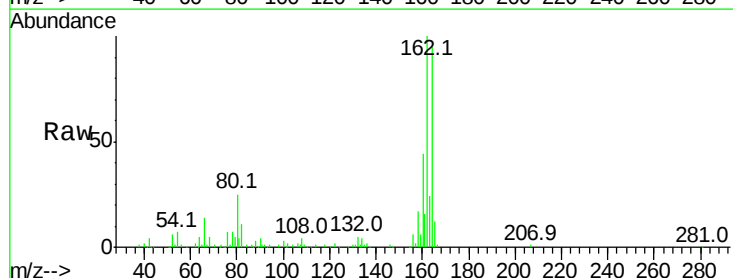
Instrument :
BNA_M
ClientSampleID :
PB97680BL

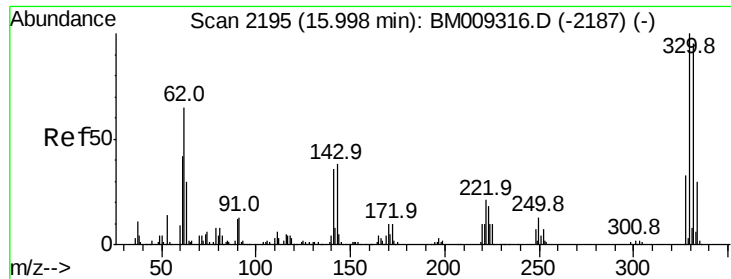
Tot Ion: 82 Resp: 1222572
Ion Ratio Lower Upper
82 100
128 30.1 32.8 49.2#
54 56.7 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.50 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BM009324.D
Acq: 22 Mar 2017 18:47

Tgt Ion:164 Resp: 260685
Ion Ratio Lower Upper
164 100
162 105.3 82.4 123.6
160 46.4 35.8 53.6

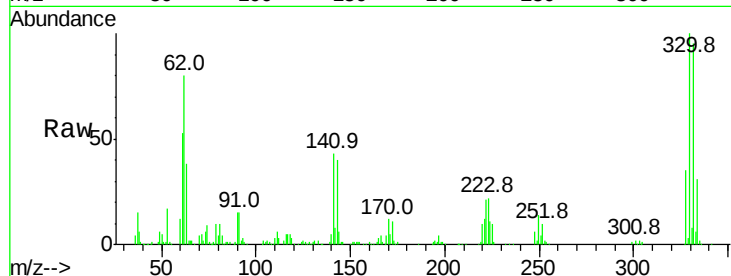




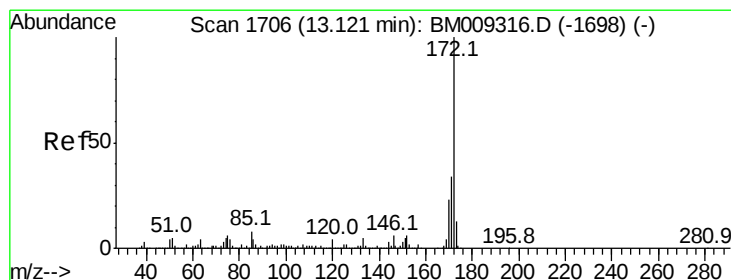
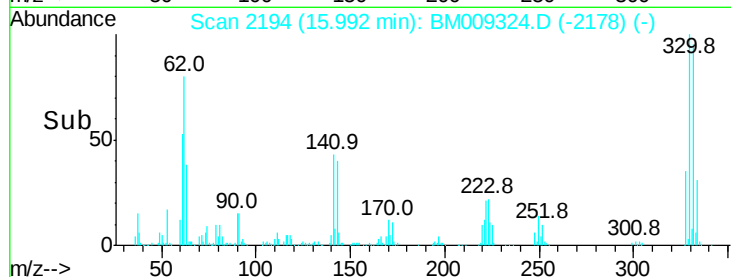
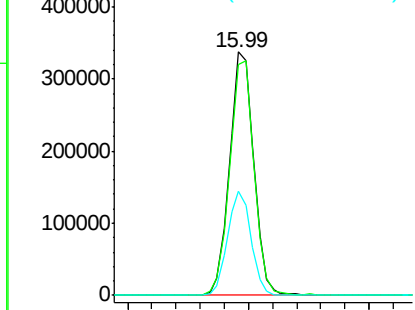
#41
 2,4,6-Tribromophenol
 Concen: 146.21 ng
 RT: 15.99 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: BM009324.D
 Acq: 22 Mar 2017 18:47

Instrument :
 BNA_M
 ClientSampled :
 PB97680BL

Tot Ion:330 Resp: 473497
 Ion Ratio Lower Upper
 330 100
 332 97.2 0.0 0.0#
 141 41.5 0.0 0.0#

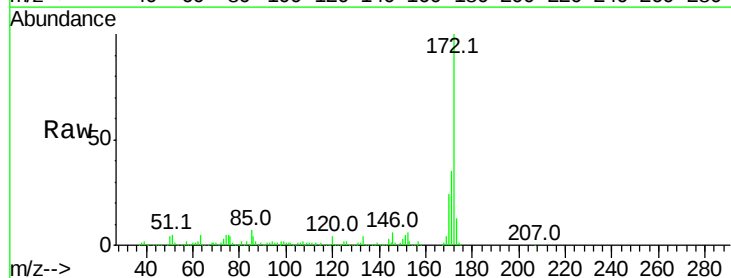


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

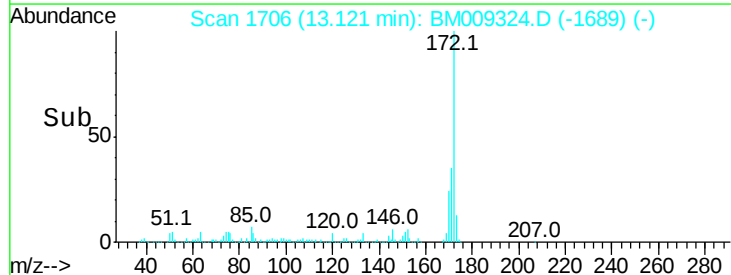
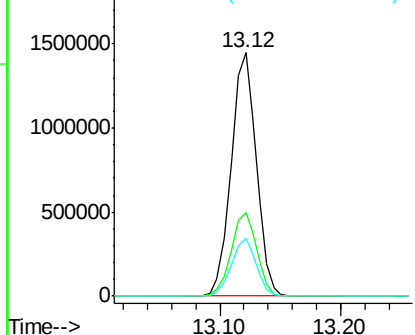


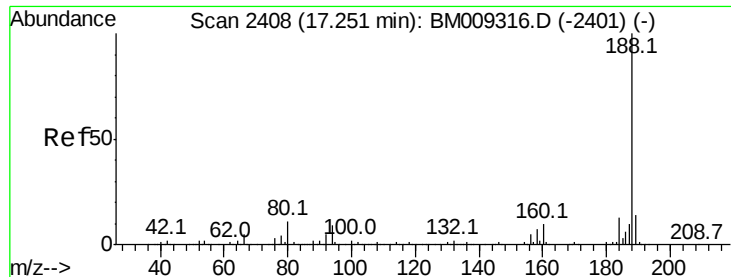
#44
 2-Fluorobiphenyl
 Concen: 97.00 ng
 RT: 13.12 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BM009324.D
 Acq: 22 Mar 2017 18:47

Tgt Ion:172 Resp: 2098590
 Ion Ratio Lower Upper
 172 100
 171 34.5 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

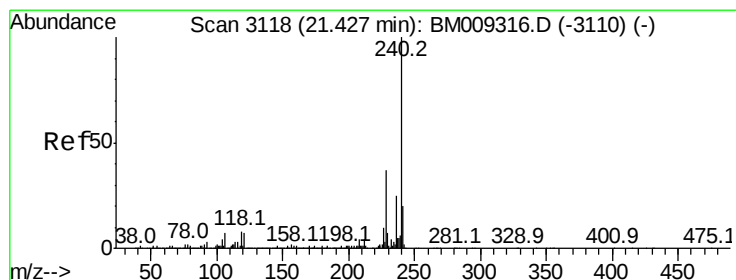
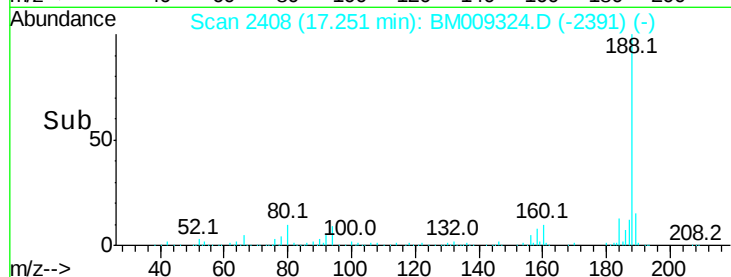
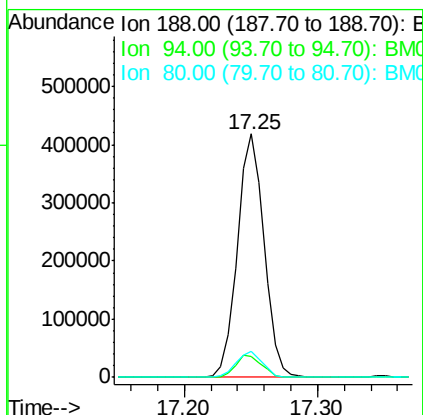
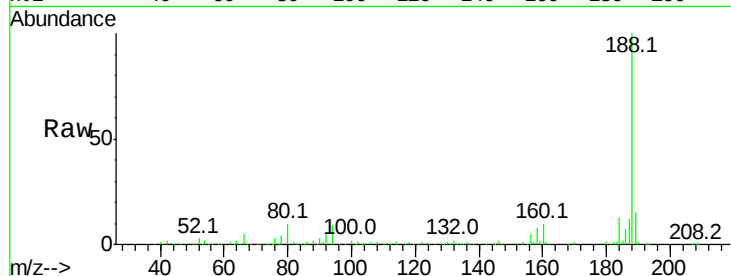




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.25 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BM009324.D
Acq: 22 Mar 2017 18:47

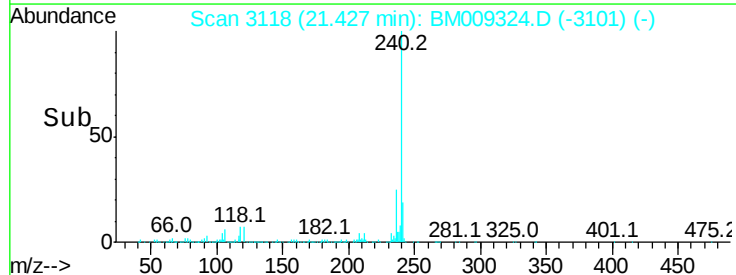
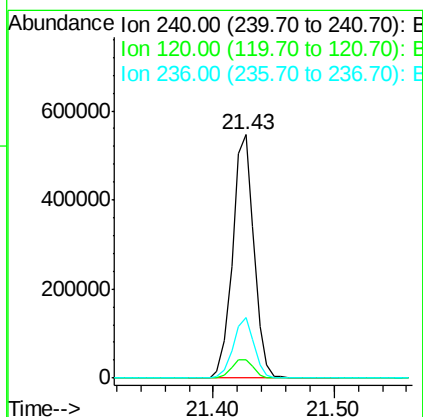
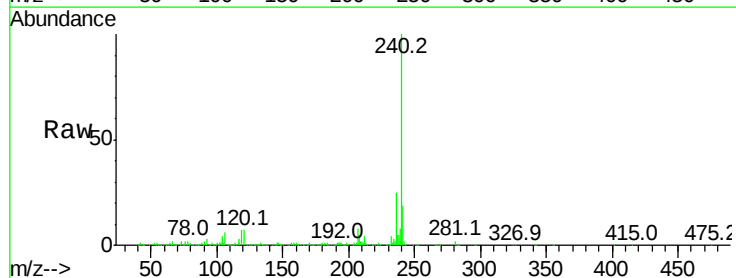
Instrument :
BNA_M
ClientSampled :
PB97680BL

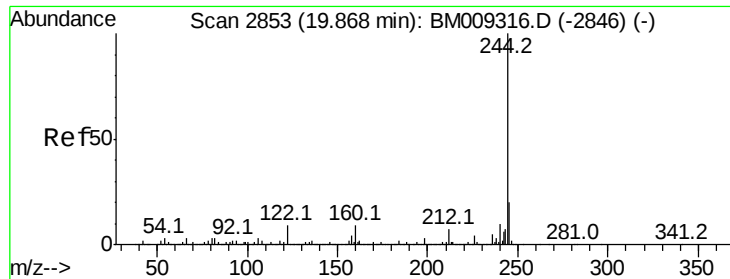
Tot Ion:188 Resp: 578928
Ion Ratio Lower Upper
188 100
94 8.5 8.7 13.1#
80 10.4 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.43 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BM009324.D
Acq: 22 Mar 2017 18:47

Tgt Ion:240 Resp: 670667
Ion Ratio Lower Upper
240 100
120 7.3 8.2 12.2#
236 24.8 20.0 30.0





#78

Terphenyl-d14

Concen: 85.07 ng

RT: 19.87 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BM009324.D

Acq: 22 Mar 2017 18:47

Instrument :

BNA_M

ClientSampleId :

PB97680BL

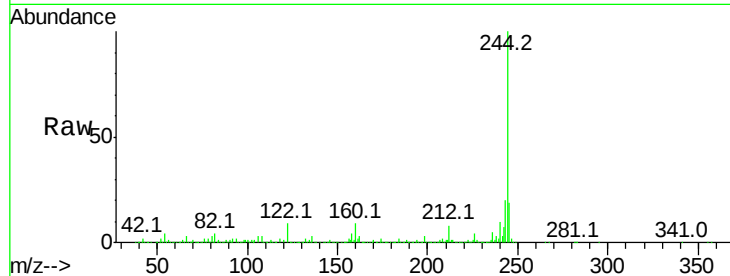
Tot Ion:244 Resp: 2730375

Ion Ratio Lower Upper

244 100

212 7.7 4.9 7.3#

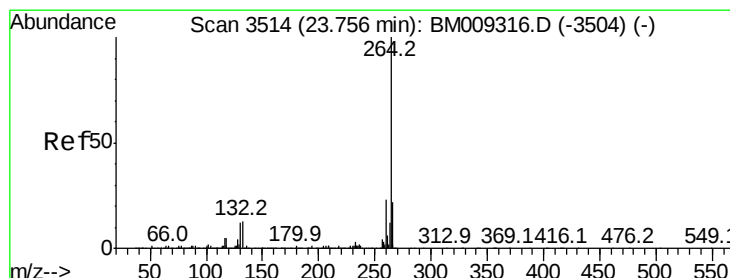
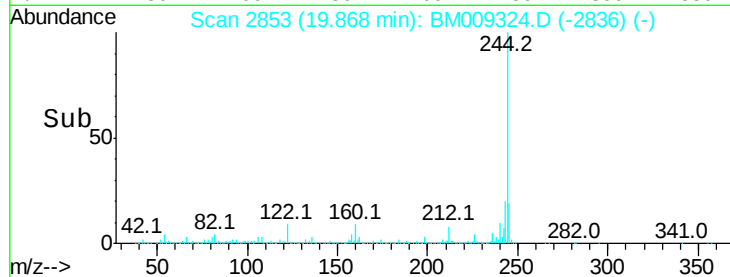
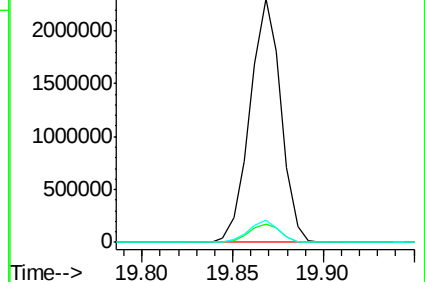
122 8.9 6.2 9.4



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: 23.75 min Scan# 3513

Delta R.T. -0.01 min

Lab File: BM009324.D

Acq: 22 Mar 2017 18:47

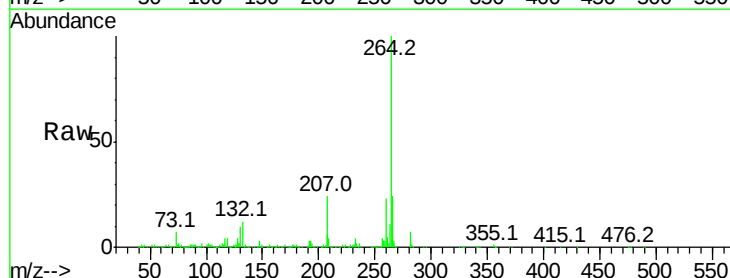
Tgt Ion:264 Resp: 602520

Ion Ratio Lower Upper

264 100

260 23.0 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

