

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032917\
 Data File : BM009436.D
 Acq On : 29 Mar 2017 17:22
 Operator : SJ/MA
 Sample : I2435-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HSP-01

Quant Time: Mar 30 00:59:30 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

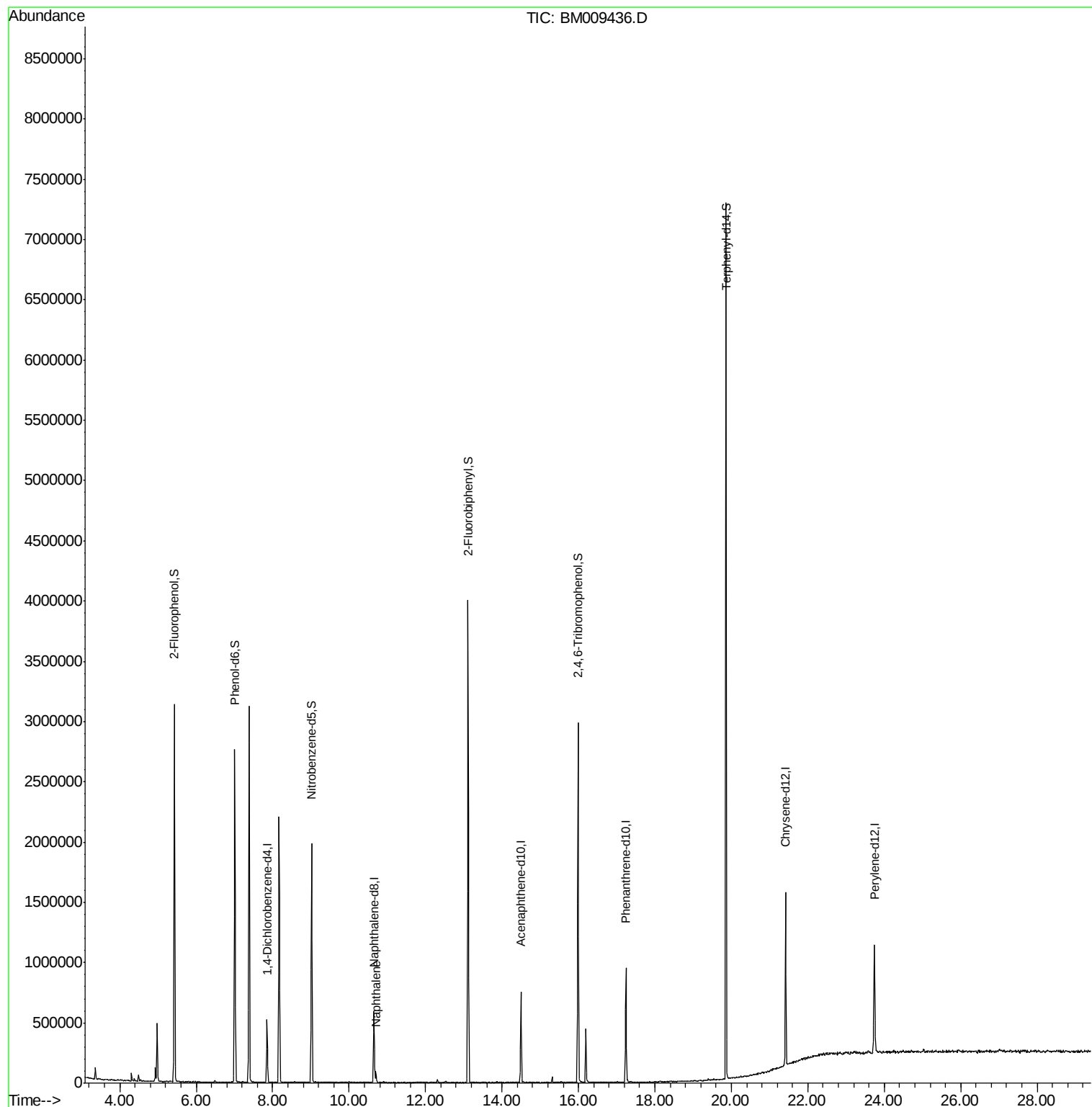
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	115789	20.00	ng	-0.01
21) Naphthalene-d8	10.65	136	420088	20.00	ng	-0.01
38) Acenaphthene-d10	14.49	164	227936	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	524616	20.00	ng	0.00
75) Chrysene-d12	21.42	240	671532	20.00	ng	-0.01
86) Perylene-d12	23.74	264	657778	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1007029	144.97	ng	0.00
7) Phenol-d6	7.01	99	1291542	136.34	ng	-0.01
23) Nitrobenzene-d5	9.02	82	1062515	94.83	ng	-0.01
41) 2,4,6-Tribromophenol	15.99	330	438621	154.90	ng	-0.01
44) 2-Fluorobiphenyl	13.11	172	1819561	96.19	ng	-0.01
78) Terphenyl-d14	19.86	244	2865385	89.16	ng	0.00
Target Compounds						
31) Naphthalene	10.70	128	59442	2.67	ng	Qvalue 98

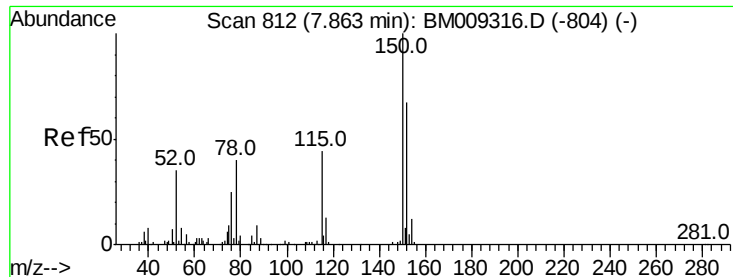
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BM009436.D

Acq: 29 Mar 2017 17:22

Instrument :

BNA_M

ClientSampleId :

HSP-01

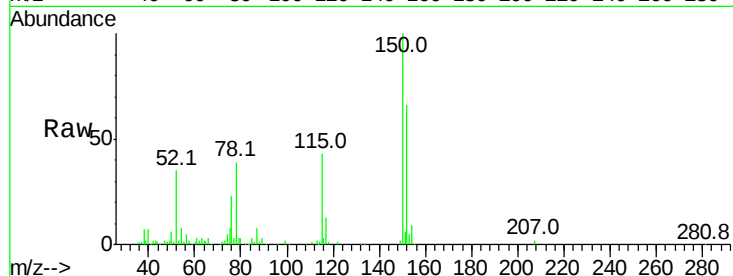
Tot Ion:152 Resp: 115789

Ion Ratio Lower Upper

152 100

150 152.0 119.5 179.3

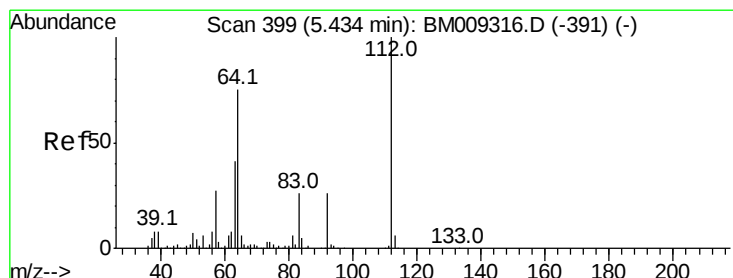
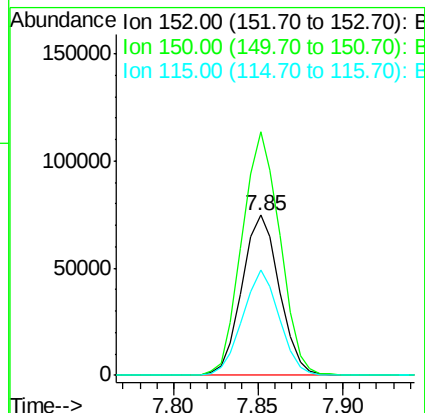
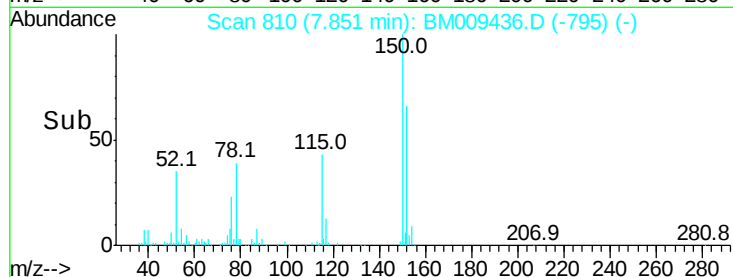
115 65.5 43.0 64.4#



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: 144.97 ng

RT: 5.43 min Scan# 398

Delta R.T. -0.01 min

Lab File: BM009436.D

Acq: 29 Mar 2017 17:22

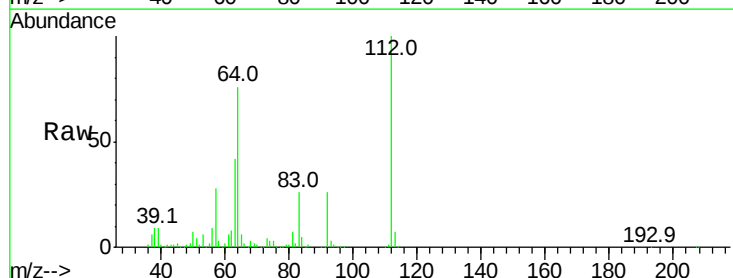
Tgt Ion:112 Resp: 1007029

Ion Ratio Lower Upper

112 100

64 75.5 38.6 57.8#

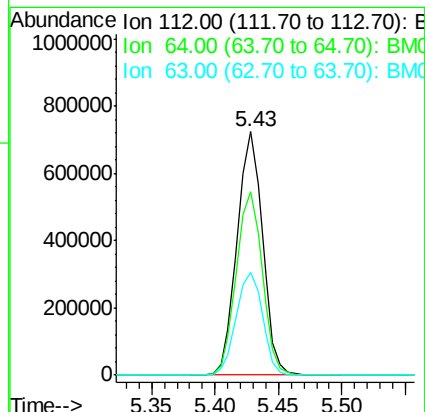
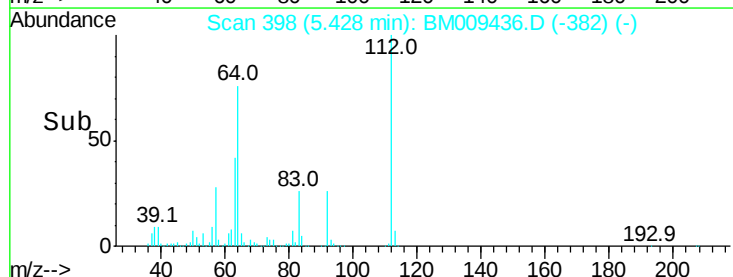
63 42.4 19.3 28.9#

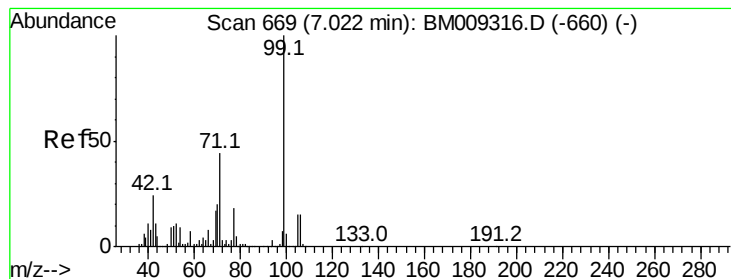


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 136.34 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM009436.D

Acq: 29 Mar 2017 17:22

Instrument :

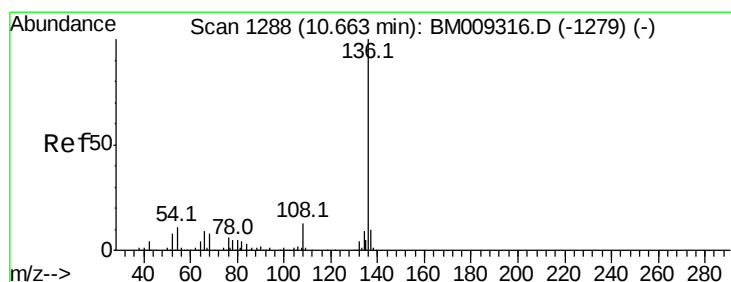
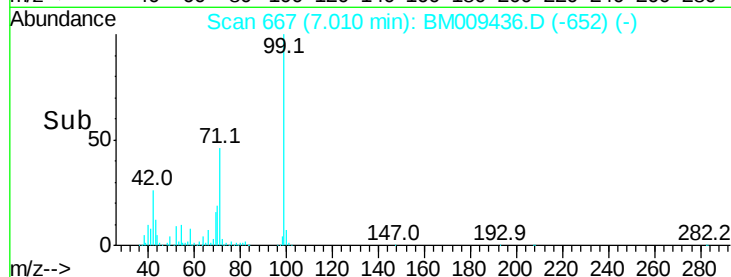
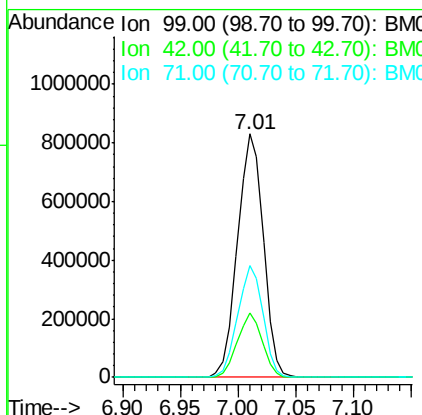
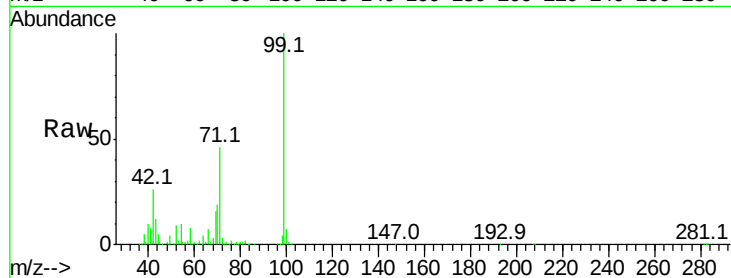
BNA_M

ClientSampled :

HSP-01

Tot Ion: 99 Resp: 1291542

Ion	Ratio	Lower	Upper
99	100		
42	26.2	11.0	16.4#
71	45.7	23.4	35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.65 min Scan# 1286

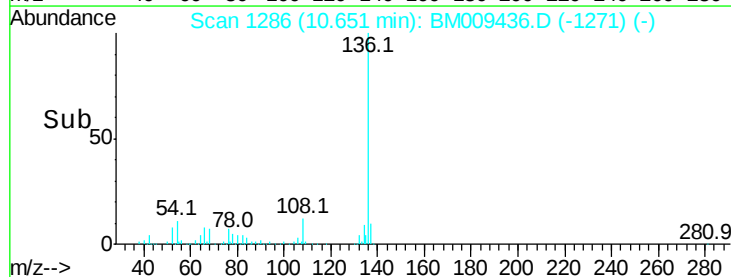
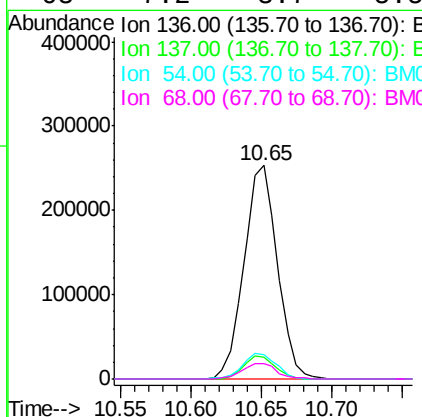
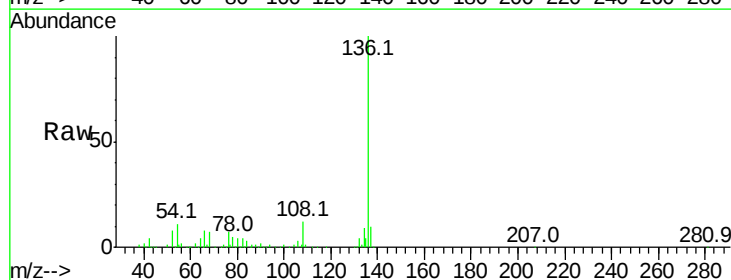
Delta R.T. -0.01 min

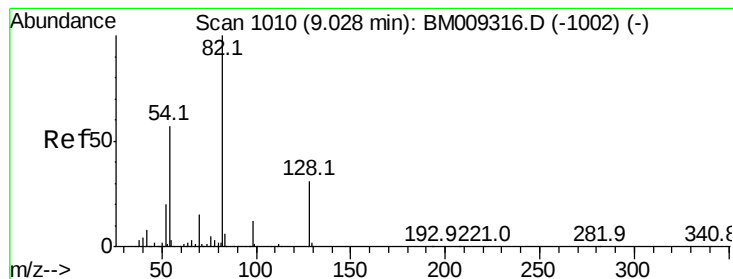
Lab File: BM009436.D

Acq: 29 Mar 2017 17:22

Tgt Ion: 136 Resp: 420088

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.7	13.1
54	11.4	4.6	6.8#
68	7.2	3.7	5.5#





#23

Nitrobenzene-d5

Concen: 94.83 ng

RT: 9.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BM009436.D

Acq: 29 Mar 2017 17:22

Instrument :

BNA_M

ClientSampleId :

HSP-01

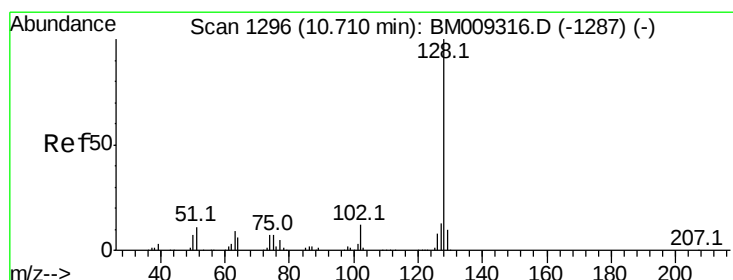
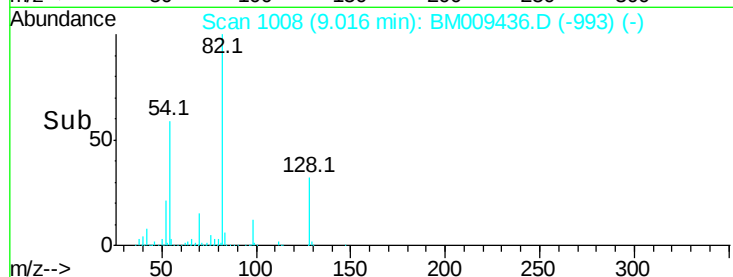
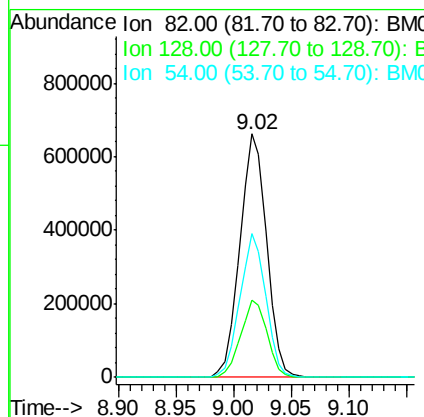
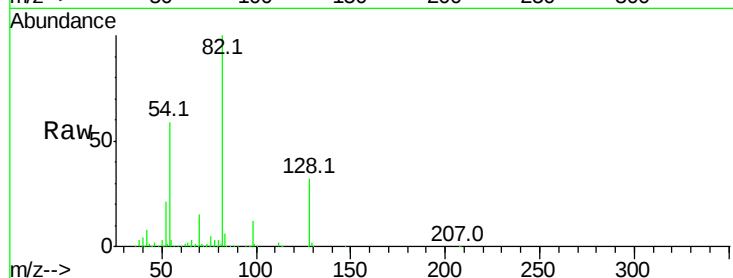
Tot Ion: 82 Resp: 1062515

Ion Ratio Lower Upper

82 100

128 31.5 32.8 49.2#

54 59.0 40.6 60.8



#31

Naphthalene

Concen: 2.67 ng

RT: 10.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BM009436.D

Acq: 29 Mar 2017 17:22

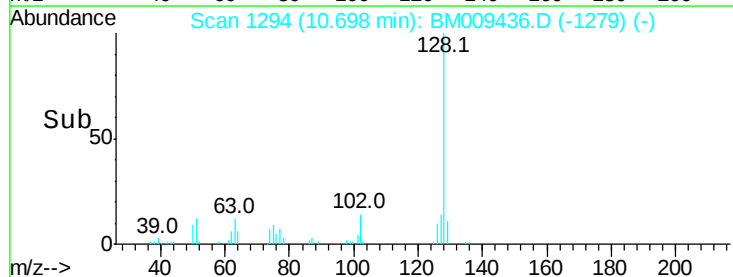
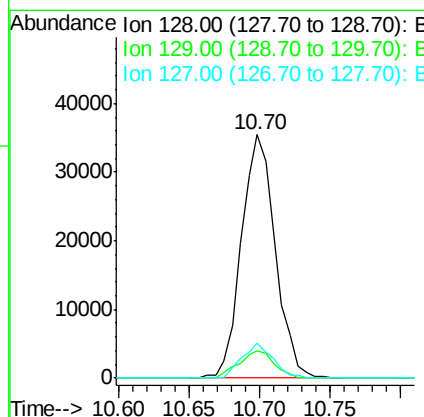
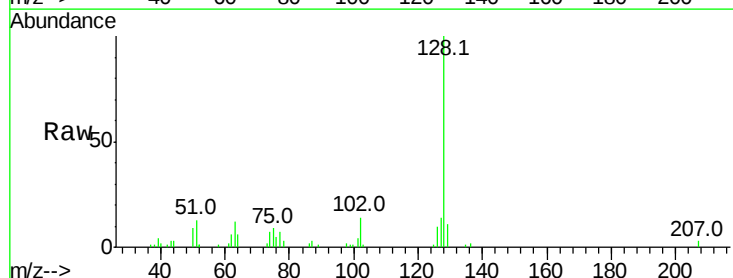
Tgt Ion: 128 Resp: 59442

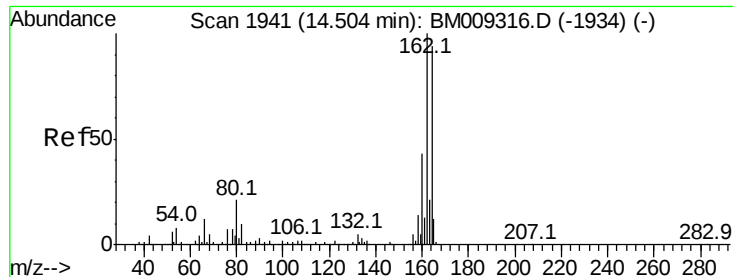
Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

127 14.4 10.4 15.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.49 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BM009436.D

Acq: 29 Mar 2017 17:22

Instrument :

BNA_M

ClientSampleId :

HSP-01

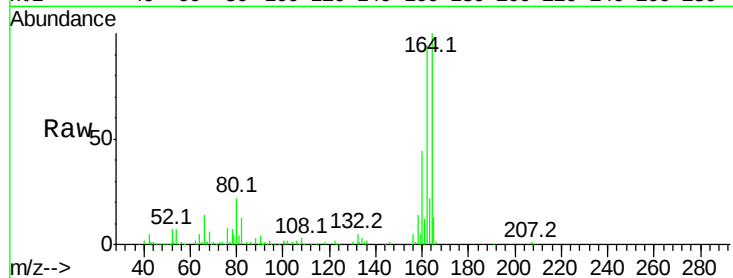
Tot Ion:164 Resp: 227936

Ion Ratio Lower Upper

164 100

162 93.7 82.4 123.6

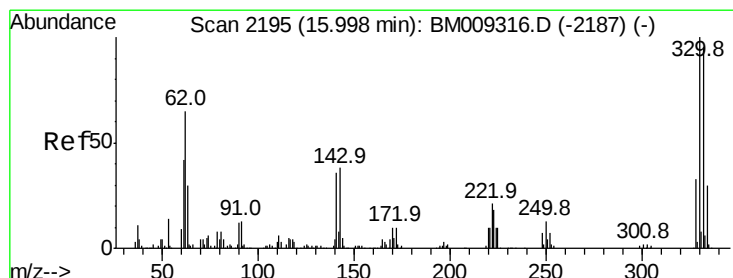
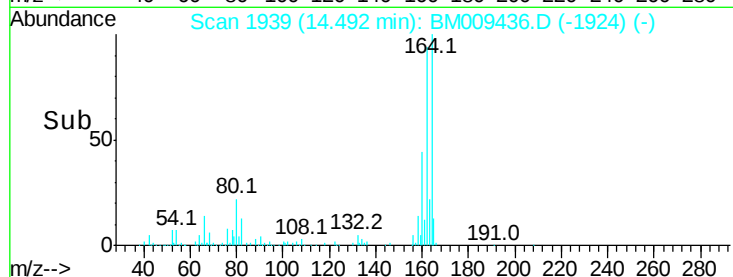
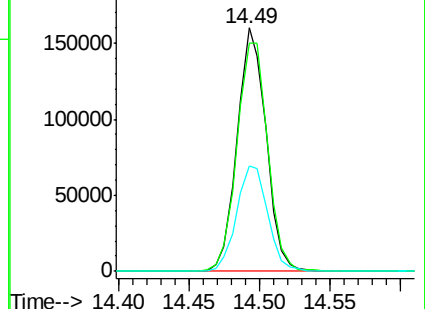
160 43.5 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 154.90 ng

RT: 15.99 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BM009436.D

Acq: 29 Mar 2017 17:22

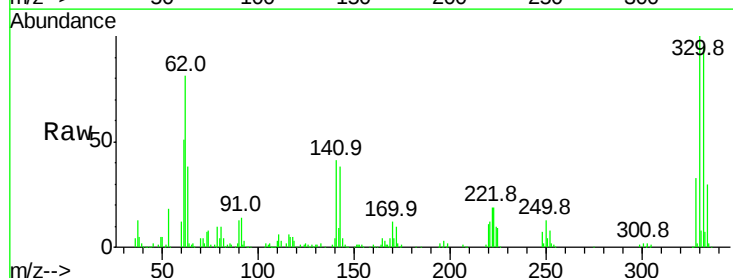
Tgt Ion:330 Resp: 438621

Ion Ratio Lower Upper

330 100

332 96.4 0.0 0.0#

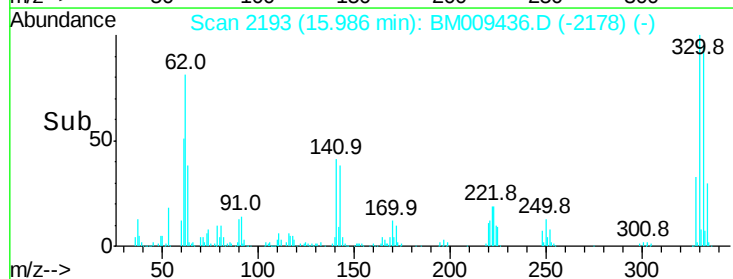
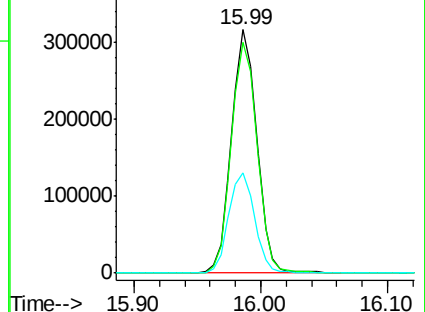
141 42.5 0.0 0.0#

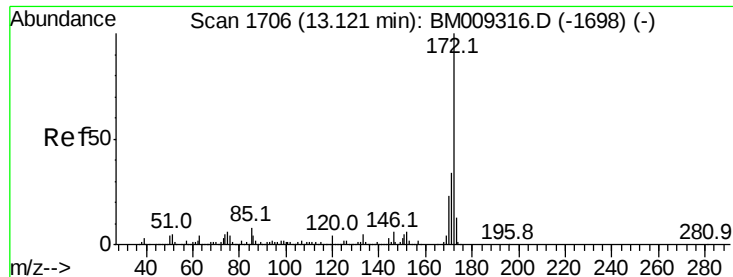


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

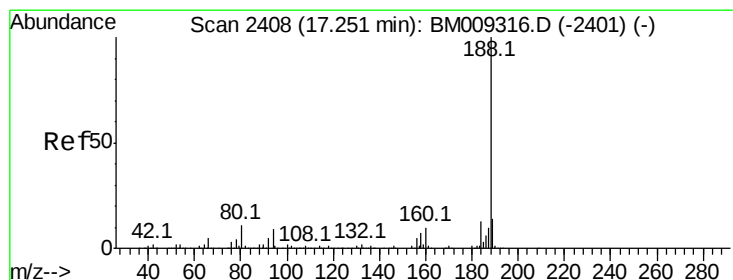
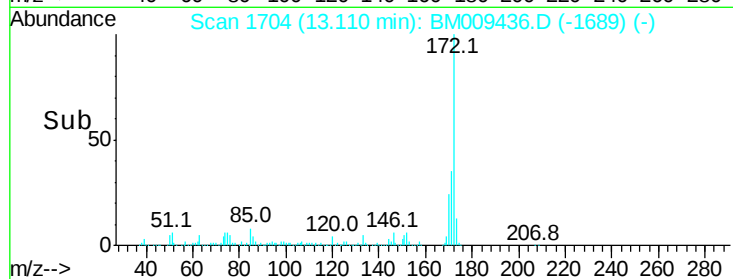
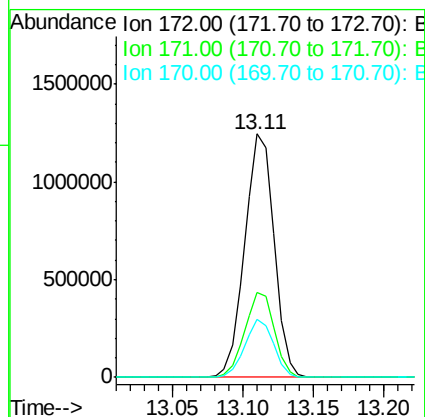
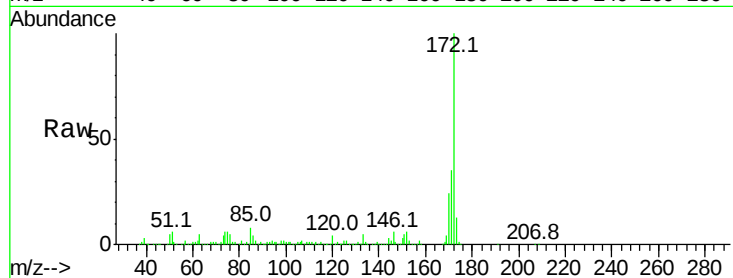




#44
2-Fluorobiphenyl
Concen: 96.19 ng
RT: 13.11 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BM009436.D
Acq: 29 Mar 2017 17:22

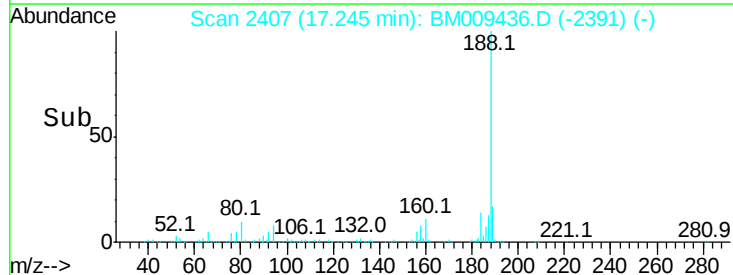
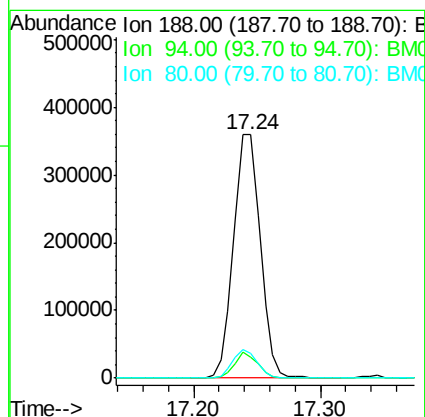
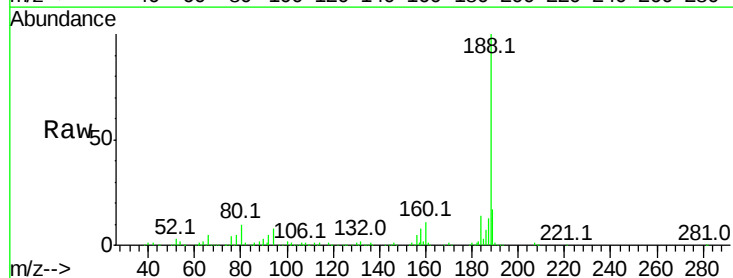
Instrument :
BNA_M
ClientSampled :
HSP-01

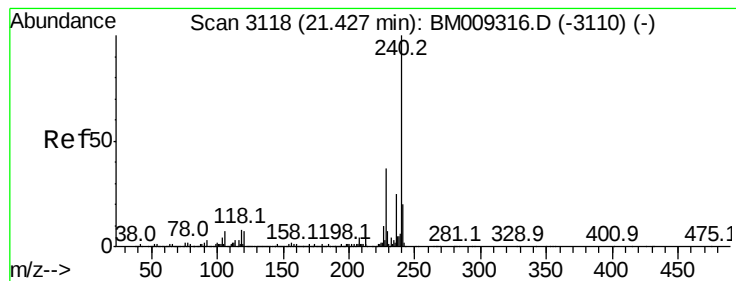
Tot Ion:172 Resp: 1819561
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 23.6 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM009436.D
Acq: 29 Mar 2017 17:22

Tgt Ion:188 Resp: 524616
Ion Ratio Lower Upper
188 100
94 8.4 8.7 13.1#
80 10.0 9.3 13.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.42 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM009436.D

Acq: 29 Mar 2017 17:22

Instrument :

BNA_M

ClientSampleId :

HSP-01

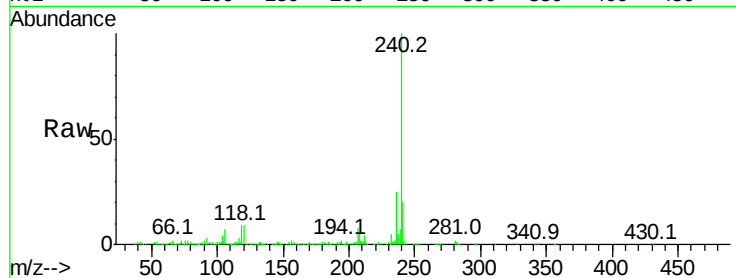
Tot Ion:240 Resp: 671532

Ion Ratio Lower Upper

240 100

120 8.9 8.2 12.2

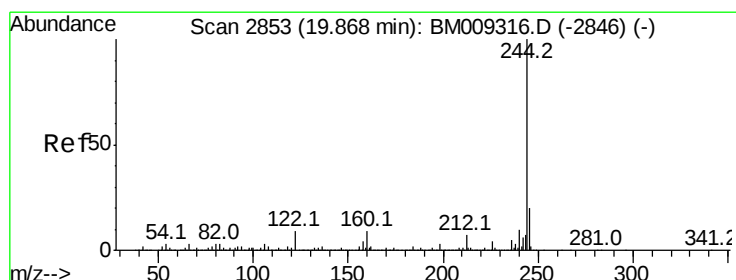
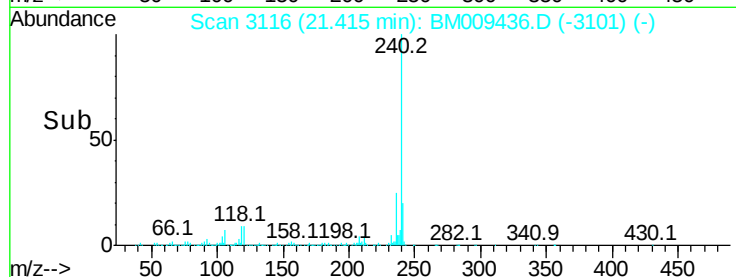
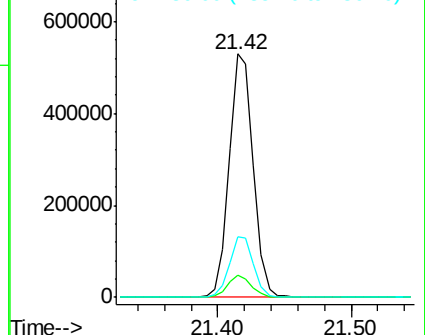
236 24.7 20.0 30.0



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: 89.16 ng

RT: 19.86 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BM009436.D

Acq: 29 Mar 2017 17:22

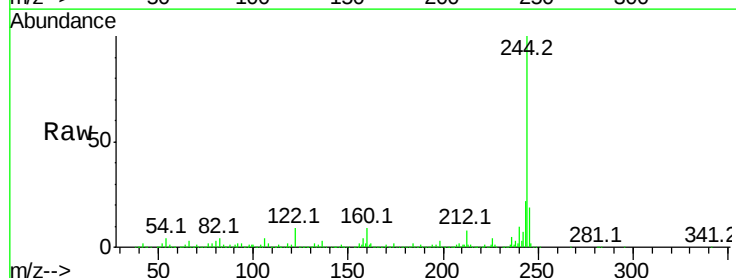
Tgt Ion:244 Resp: 2865385

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

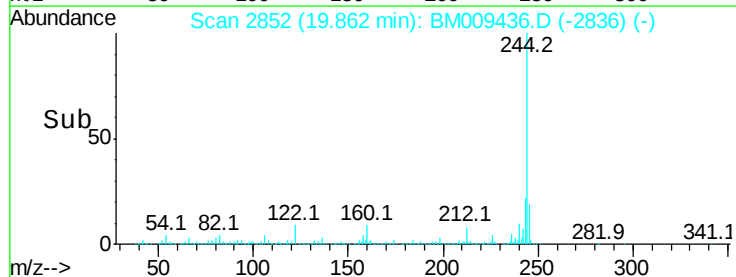
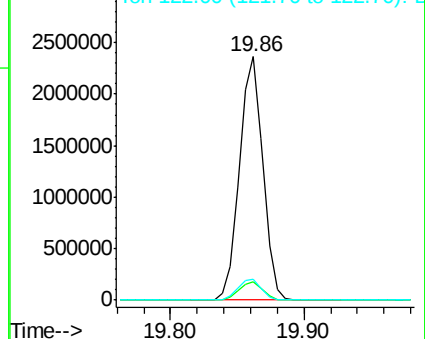
122 8.7 6.2 9.4

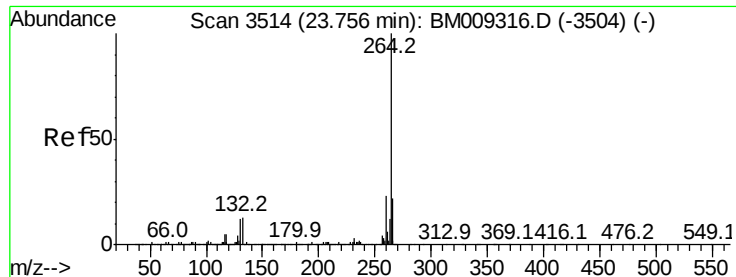


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

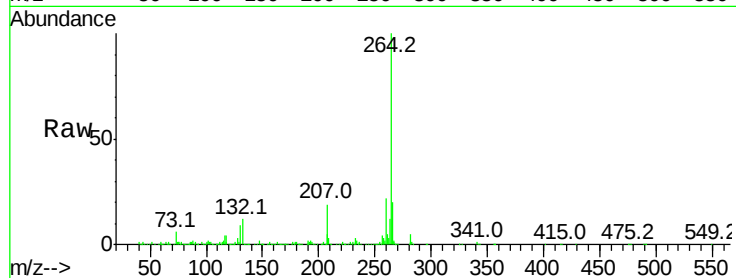




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.74 min Scan# 3512
 Delta R.T. -0.01 min
 Lab File: BM009436.D
 Acq: 29 Mar 2017 17:22

Instrument :
 BNA_M
 ClientSampleId :
 HSP-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.6	27.8
265	20.2	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

