

Data Path : Z:\HPCHEM1\BNA M\Data\BM032917\
 Data File : BM009446.D
 Acq On : 30 Mar 2017 11:39
 Operator : SJ/MA
 Sample : I2440-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 30 13:57:37 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

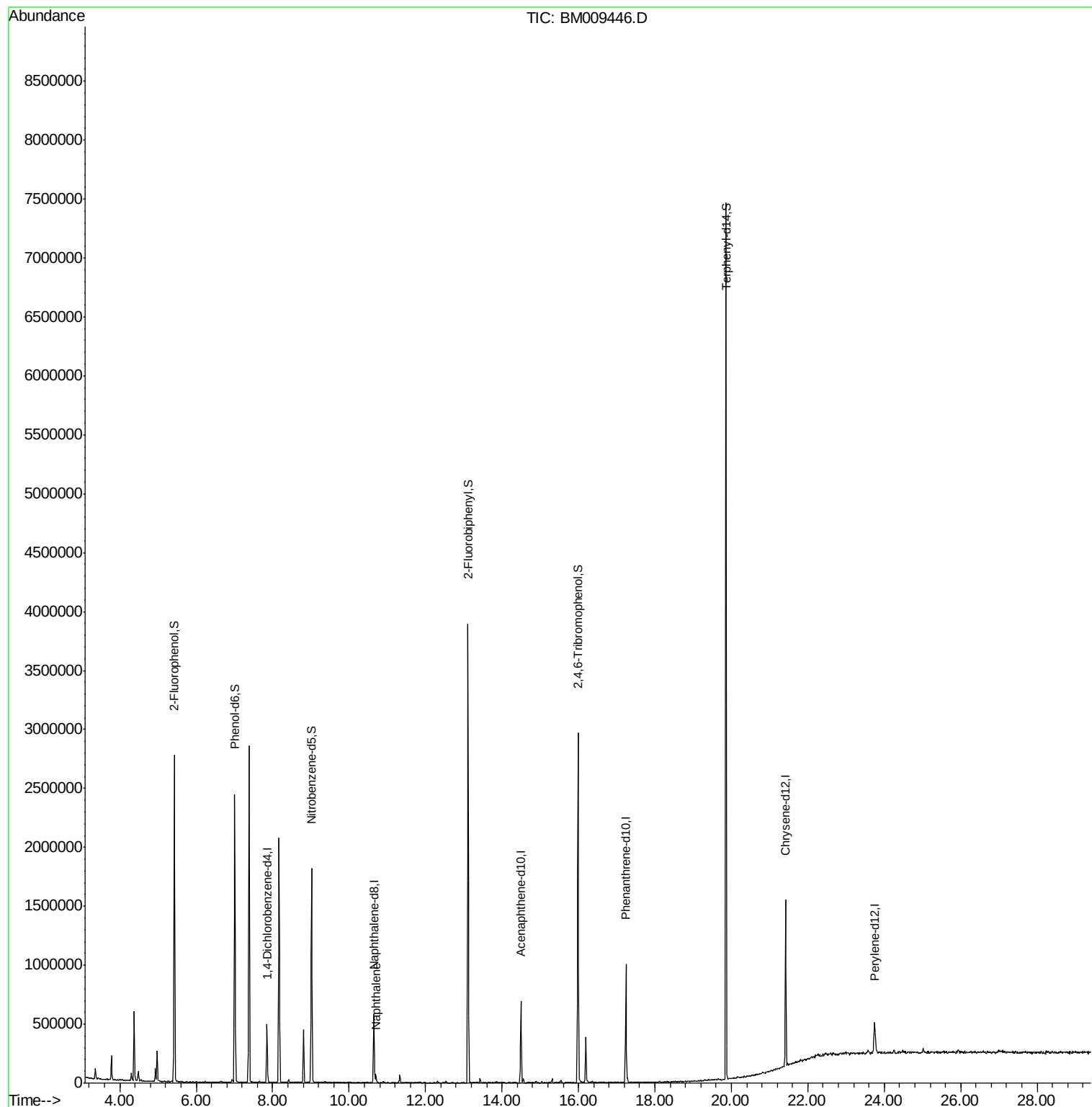
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	110829	20.00	ng	-0.01
21) Naphthalene-d8	10.65	136	414391	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	200297	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	549926	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	606778	20.00	ng	-0.01
86) Perylene-d12	23.74	264	111000	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	920198	138.40	ng	0.00
7) Phenol-d6	7.01	99	1123855	123.95	ng	-0.01
23) Nitrobenzene-d5	9.02	82	988920	89.48	ng	-0.01
41) 2,4,6-Tribromophenol	15.99	330	438462	176.21	ng	-0.01
44) 2-Fluorobiphenyl	13.11	172	1765661	106.22	ng	-0.01
78) Terphenyl-d14	19.86	244	2935567	101.10	ng	0.00
Target Compounds						
31) Naphthalene	10.69	128	49973	2.27	ng	Qvalue # 88

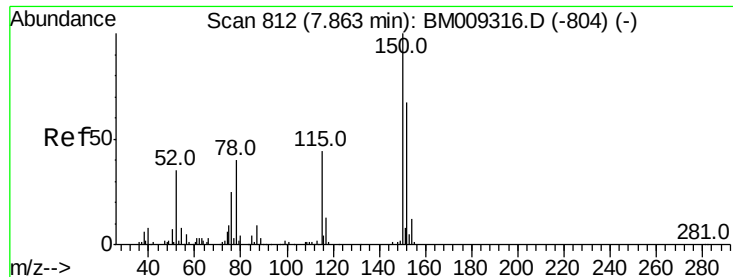
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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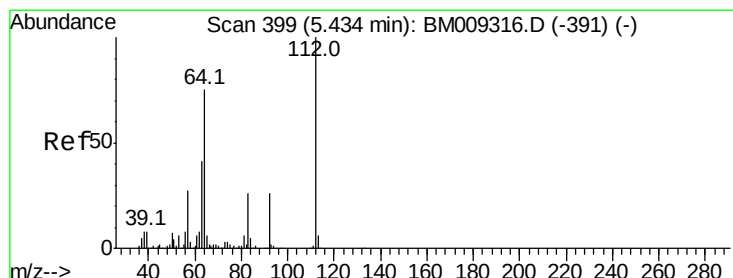
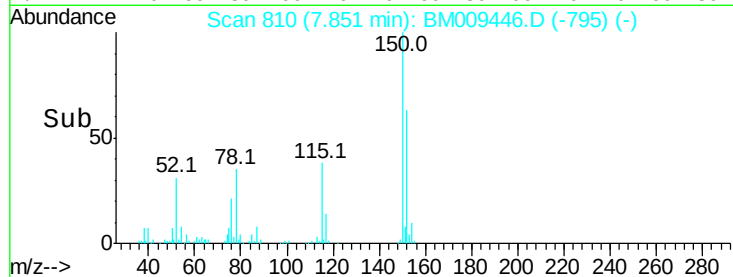
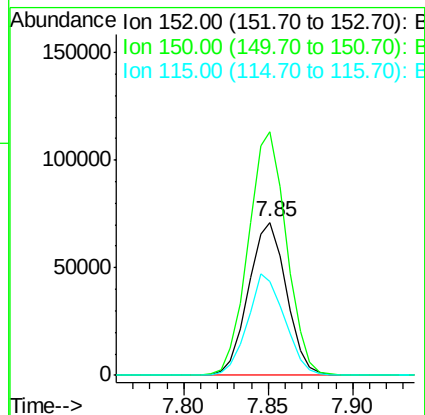
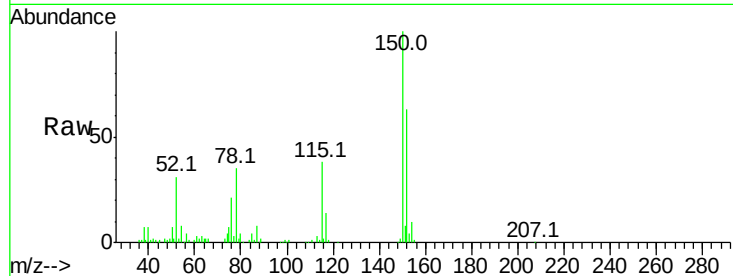


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BM009446.D
Acq: 30 Mar 2017 11:39

Instrument :
BNA_M
ClientSampled :

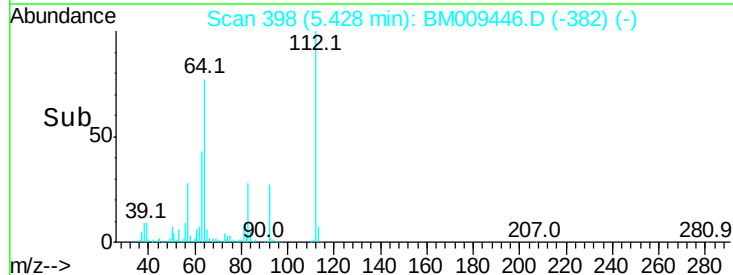
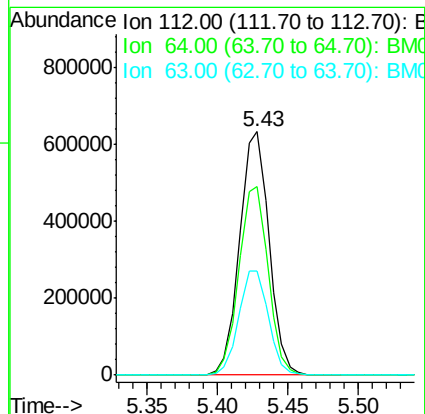
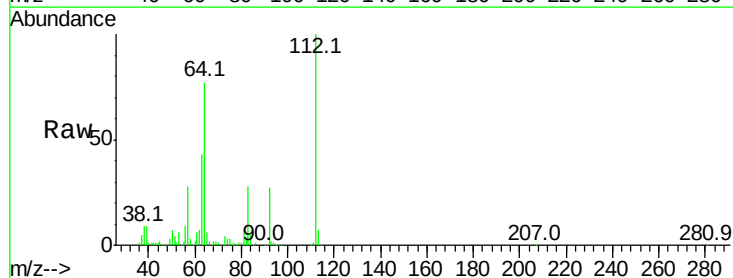
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	119.5	179.3
115	61.1	43.0	64.4

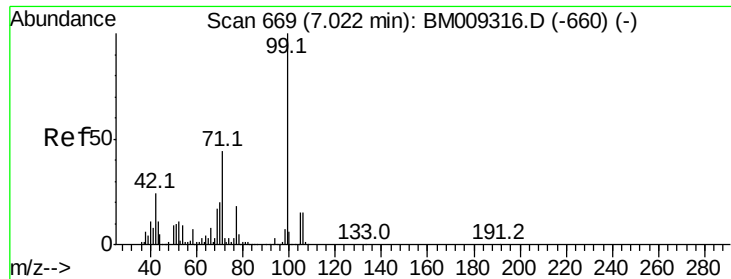


#5

2-Fluorophenol
Concen: 138.40 ng
RT: 5.43 min Scan# 398
Delta R.T. -0.01 min
Lab File: BM009446.D
Acq: 30 Mar 2017 11:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.3	38.6	57.8#
63	42.8	19.3	28.9#





#7

Phenol-d6

Concen: 123.95 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM009446.D

Acq: 30 Mar 2017 11:39

Instrument :

BNA_M

ClientSampled :

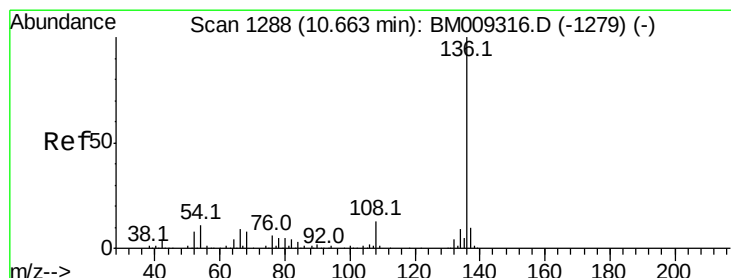
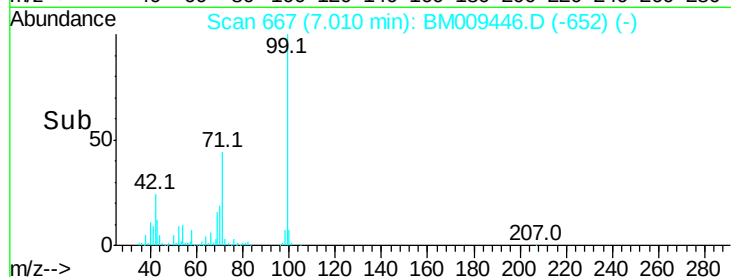
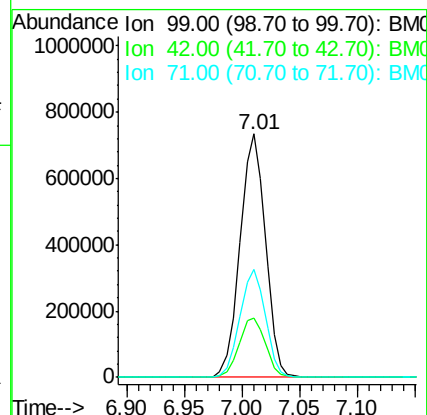
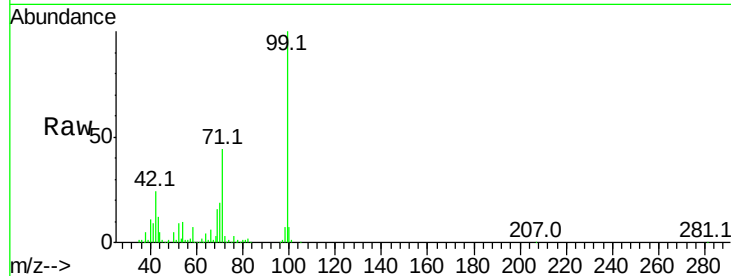
Tot Ion: 99 Resp: 1123855

Ion Ratio Lower Upper

99 100

42 24.3 11.0 16.4#

71 44.4 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BM009446.D

Acq: 30 Mar 2017 11:39

Tgt Ion: 136 Resp: 414391

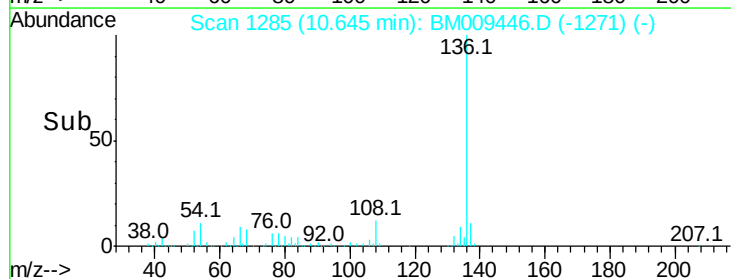
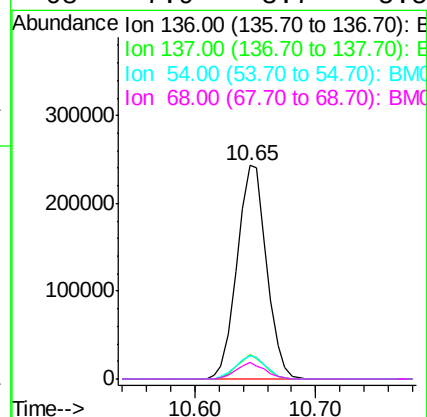
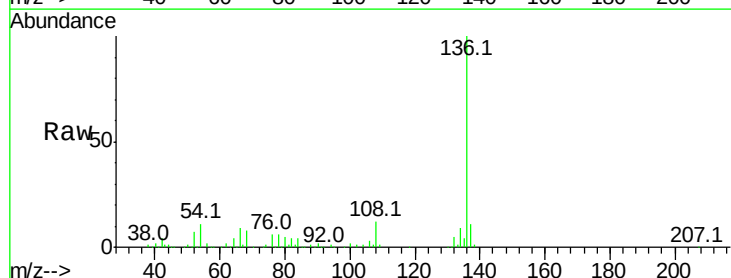
Ion Ratio Lower Upper

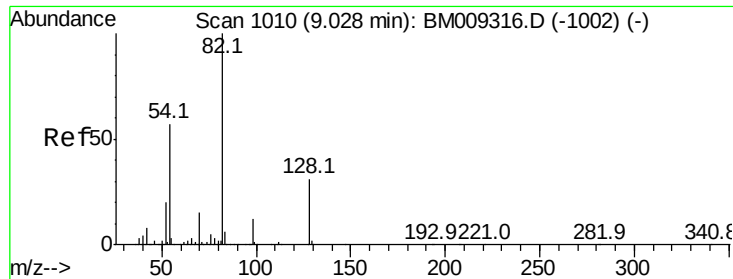
136 100

137 11.2 8.7 13.1

54 10.9 4.6 6.8#

68 7.9 3.7 5.5#

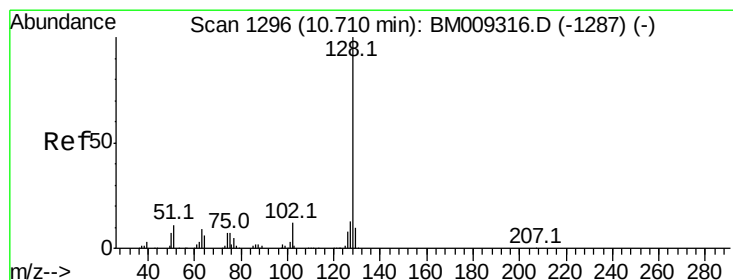
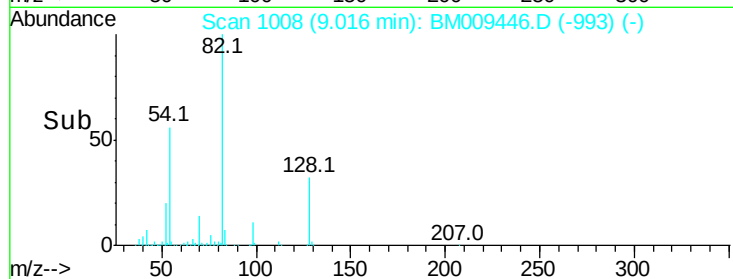
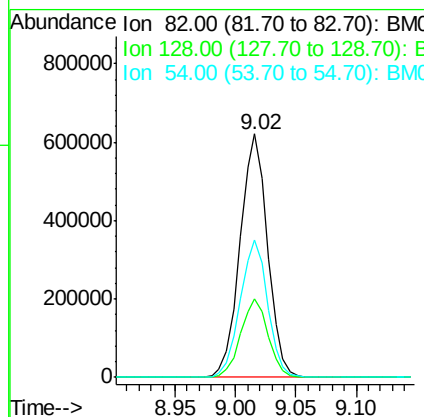
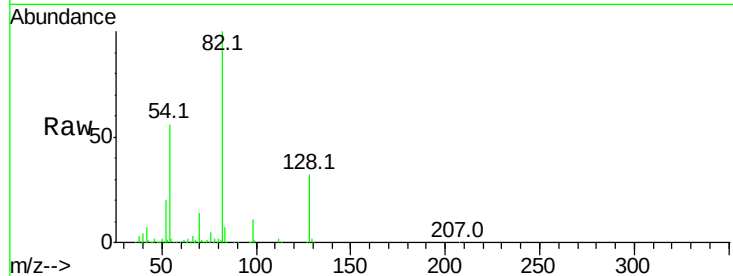




#23
Nitrobenzene-d5
Concen: 89.48 ng
RT: 9.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BM009446.D
Acq: 30 Mar 2017 11:39

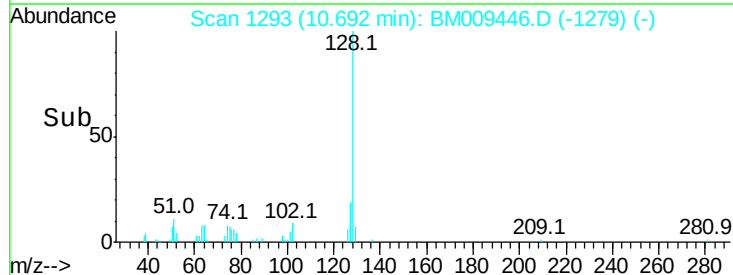
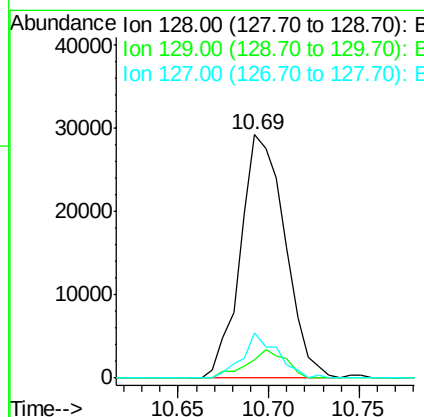
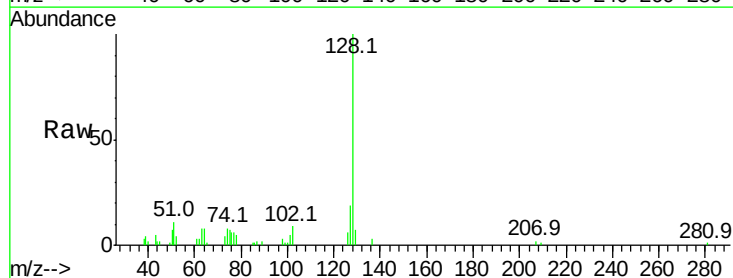
Instrument :
BNA_M
ClientSampleId :

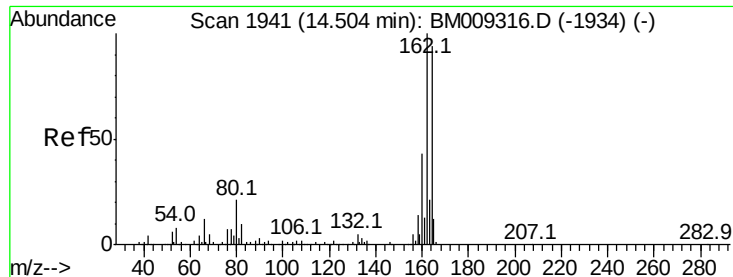
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.3	32.8	49.2#
54	56.4	40.6	60.8



#31
Naphthalene
Concen: 2.27 ng
RT: 10.69 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BM009446.D
Acq: 30 Mar 2017 11:39

Tgt Ion	Ratio	Lower	Upper
128	100		
129	7.4	8.9	13.3#
127	18.7	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: BM009446.D

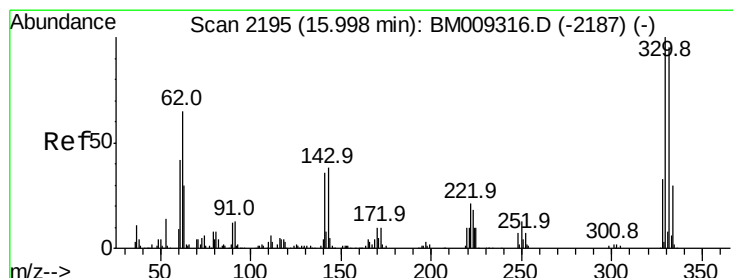
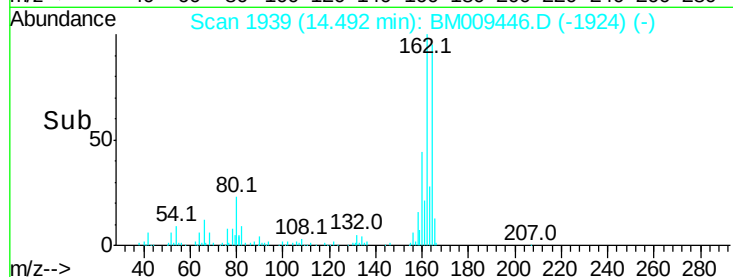
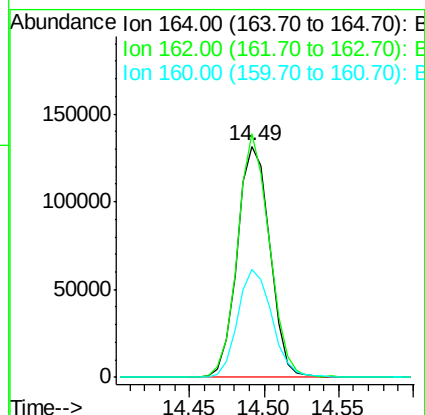
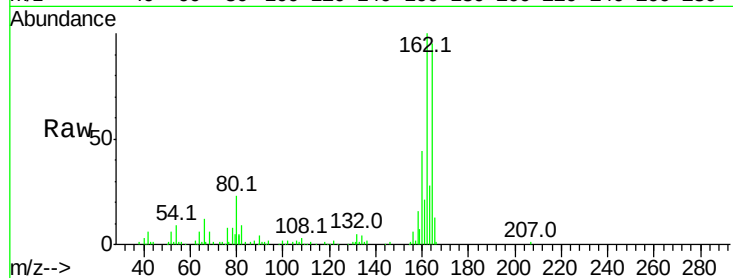
Acq: 30 Mar 2017 11:39

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	164	Resp:	200297
Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.4	123.6
160	46.7	35.8	53.6



#41

2,4,6-Tribromophenol

Concen: 176.21 ng

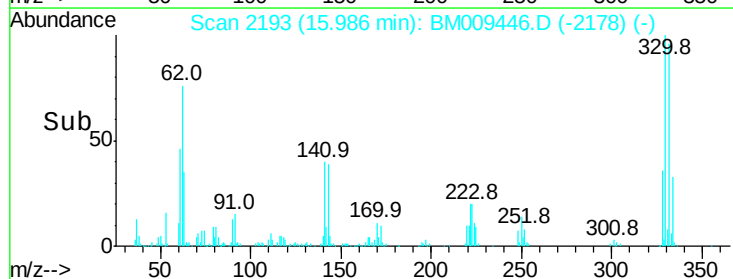
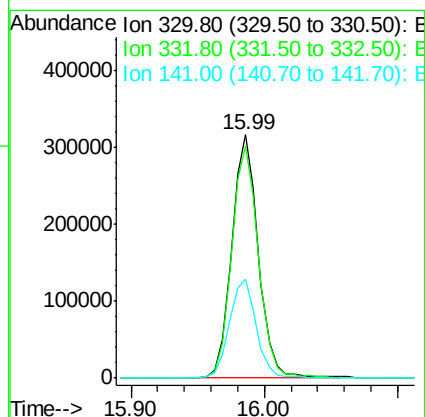
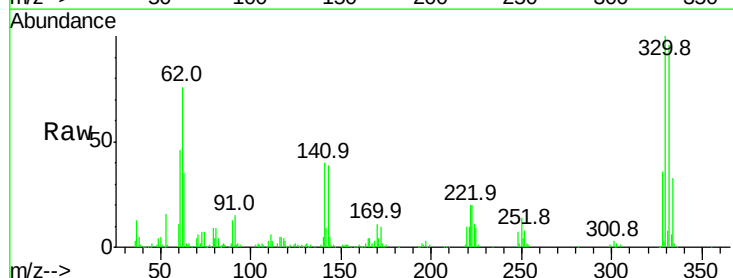
RT: 15.99 min Scan# 2193

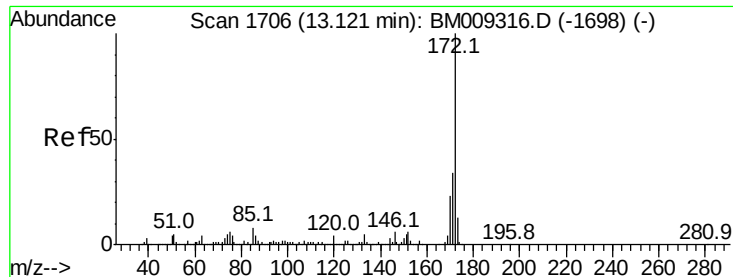
Delta R.T. -0.01 min

Lab File: BM009446.D

Acq: 30 Mar 2017 11:39

Tgt Ion:	330	Resp:	438462
Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	41.3	0.0	0.0#

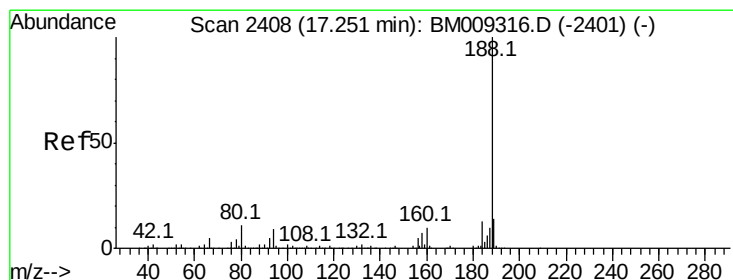
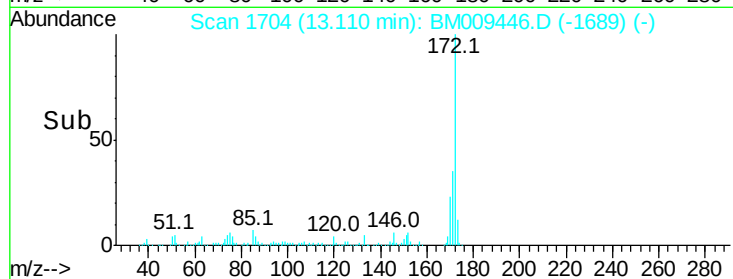
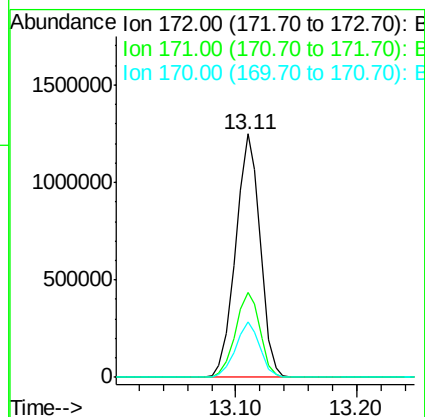
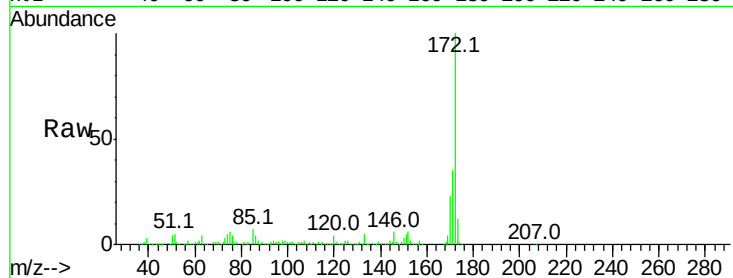




#44
2-Fluorobiphenyl
Concen: 106.22 ng
RT: 13.11 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BM009446.D
Acq: 30 Mar 2017 11:39

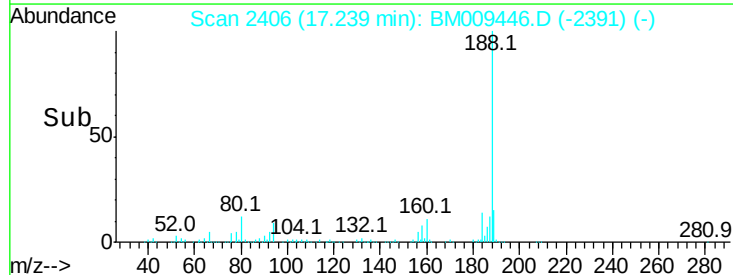
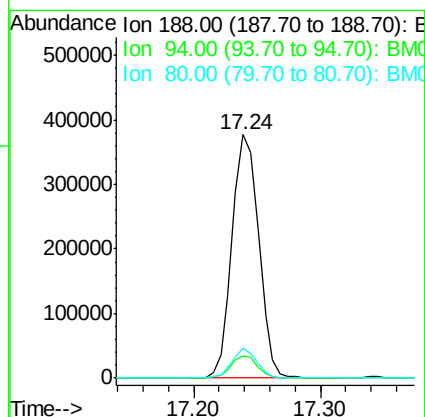
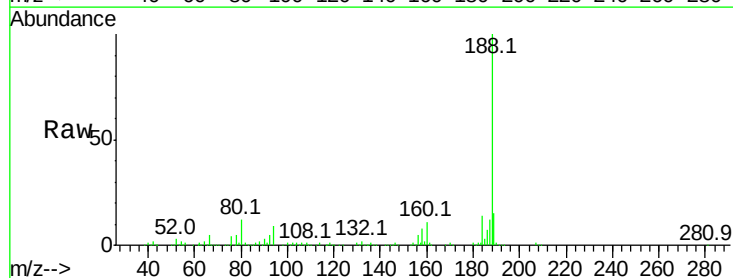
Instrument :
BNA_M
ClientSampleId :

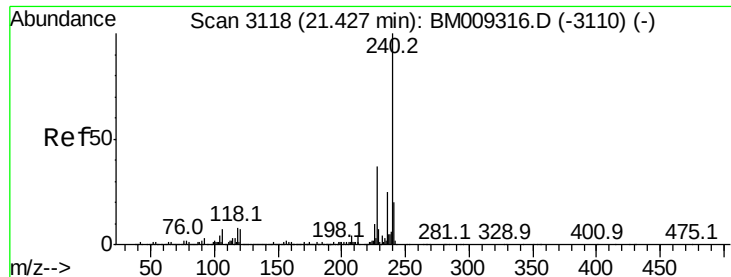
Tot Ion:172 Resp: 1765661
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 23.0 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM009446.D
Acq: 30 Mar 2017 11:39

Tgt Ion:188 Resp: 549926
Ion Ratio Lower Upper
188 100
94 9.0 8.7 13.1
80 12.3 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: BM009446.D

Acq: 30 Mar 2017 11:39

Instrument :

BNA_M

ClientSampleId :

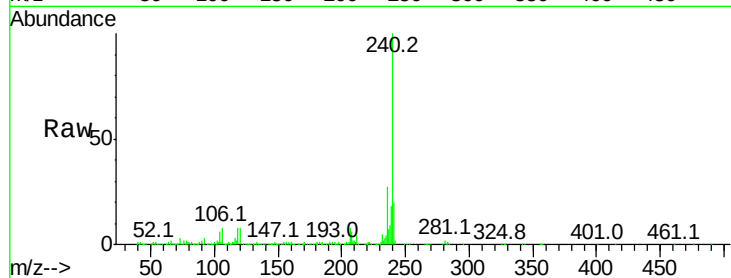
Tot Ion:240 Resp: 606778

Ion Ratio Lower Upper

240 100

120 8.5 8.2 12.2

236 26.7 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

21.42

400000

300000

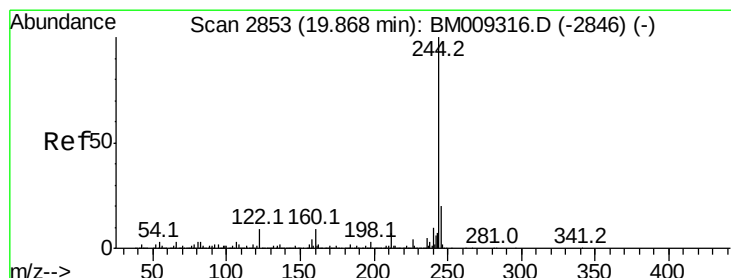
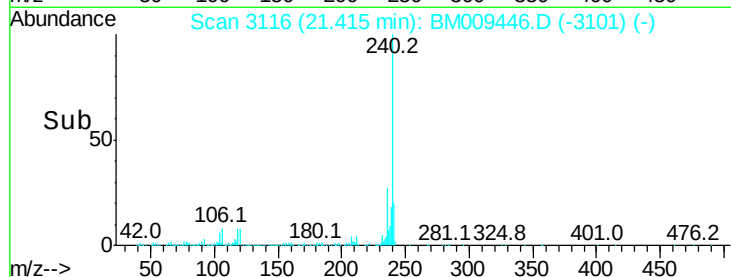
200000

100000

0

21.40 21.50

Time-->



#78

Terphenyl-d14

Concen: 101.10 ng

RT: 19.86 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BM009446.D

Acq: 30 Mar 2017 11:39

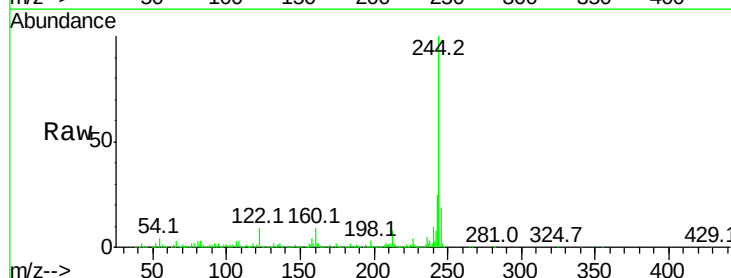
Tgt Ion:244 Resp: 2935567

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

122 9.0 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

19.86

3000000

2500000

2000000

1500000

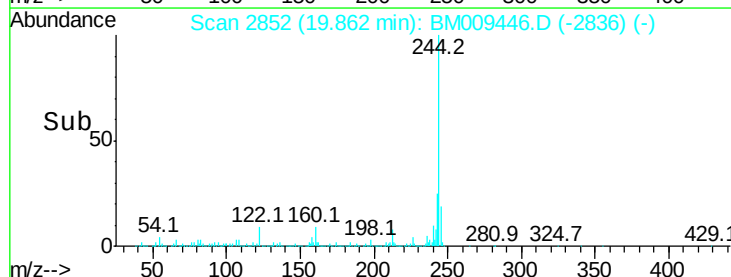
1000000

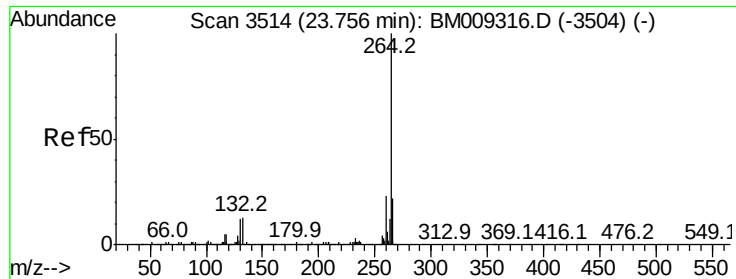
500000

0

19.80 19.90

Time-->





#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.74 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BM009446.D
Acq: 30 Mar 2017 11:39

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 111000

Ion	Ratio	Lower	Upper
264	100		
260	31.0	18.6	27.8#
265	24.1	17.3	25.9

