

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 :
 ROLL-OFF-20-41

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

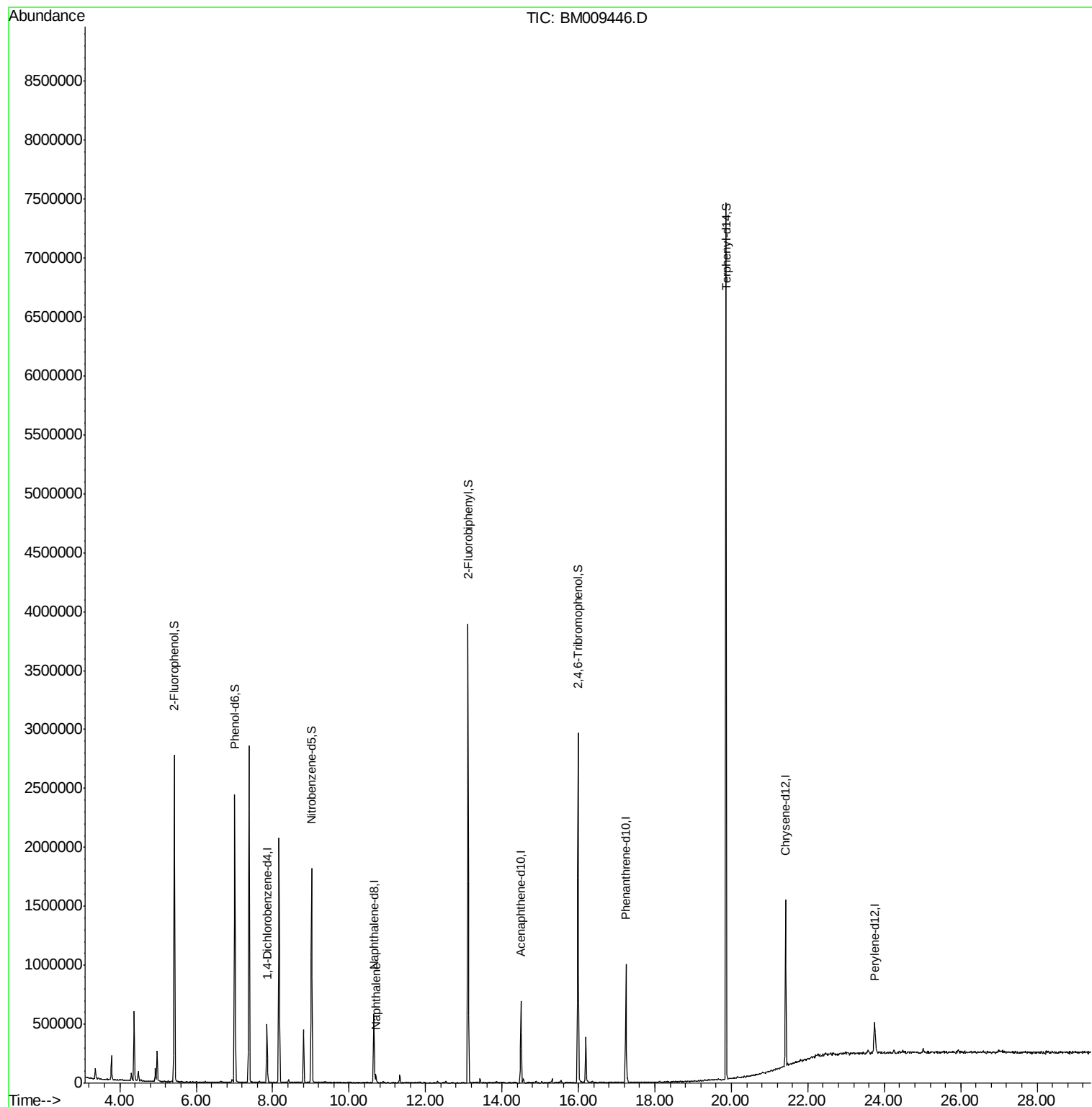
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	110829	20.00	ng	-0.01
21) Naphthalene-d8	10.65	136	414391	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	200297	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	549926	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	606778	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

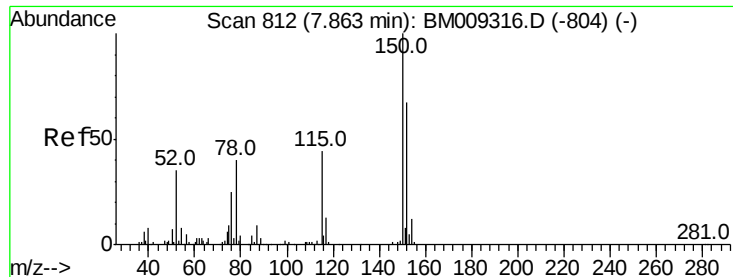
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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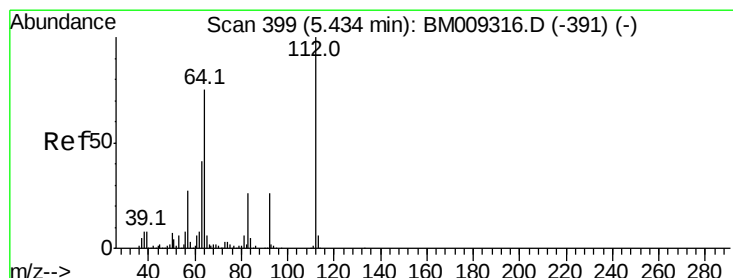
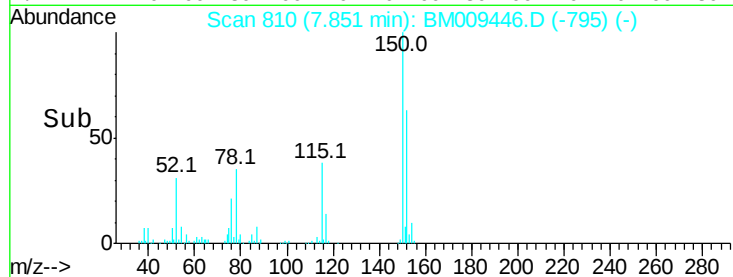
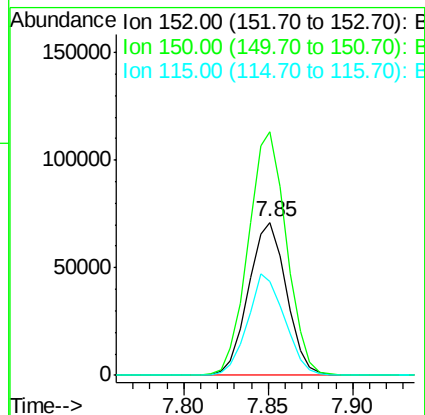
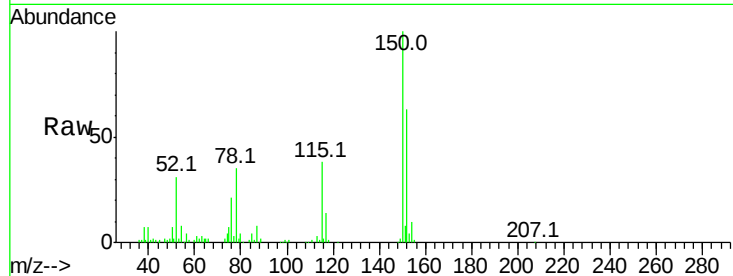


#1

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
ClientSampleId :
ROLL-OFF-20-41

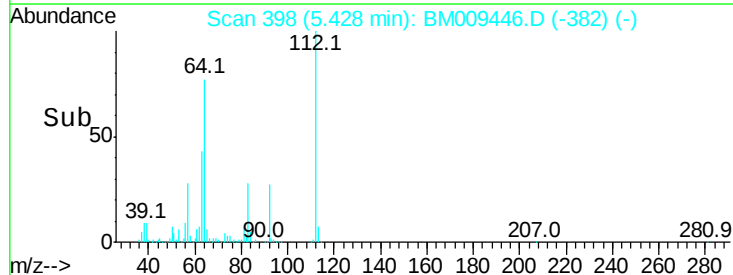
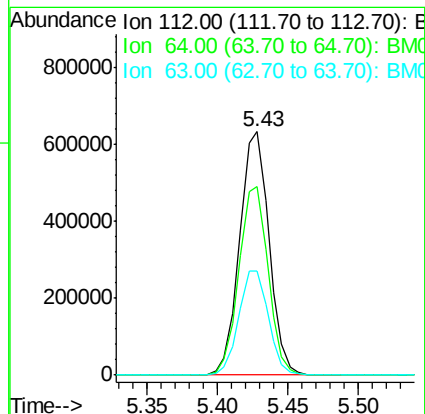
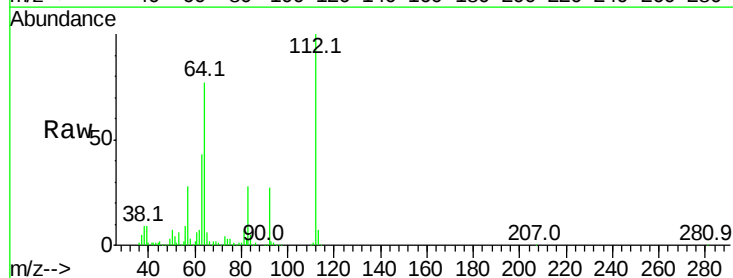
Tot Ion:152 Resp: 110829
Ion Ratio Lower Upper
152 100
150 159.2 119.5 179.3
115 61.1 43.0 64.4

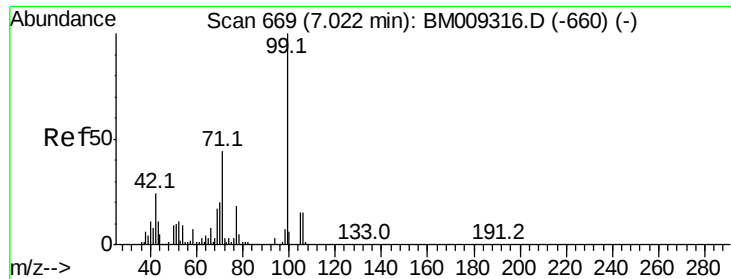


#5

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:112 Resp: 920198
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

ClientSampleId :

ROLL-OFF-20-41

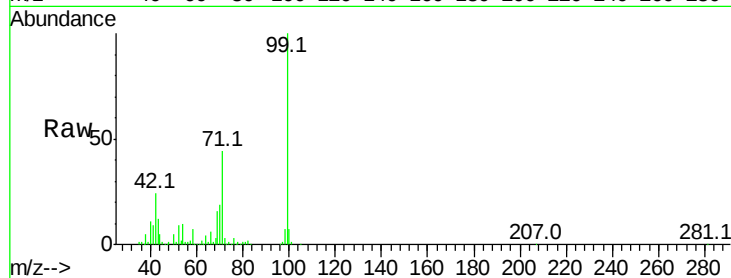
Tot Ion: 99 Resp: 1123855

Ion Ratio Lower Upper

99 100

42 24.3 11.0 16.4#

71 44.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009316.D (-660) (-)

Ion 42.00 (41.70 to 42.70): BM009316.D (-660) (-)

Ion 71.00 (70.70 to 71.70): BM009316.D (-660) (-)

7.01

800000

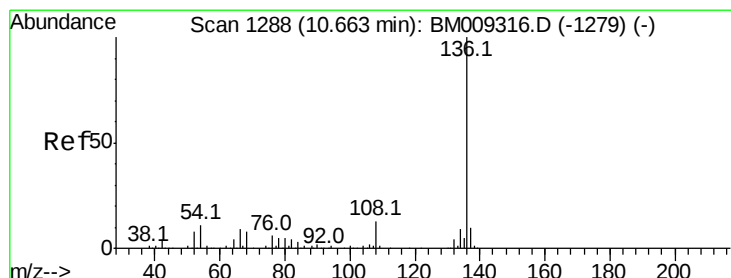
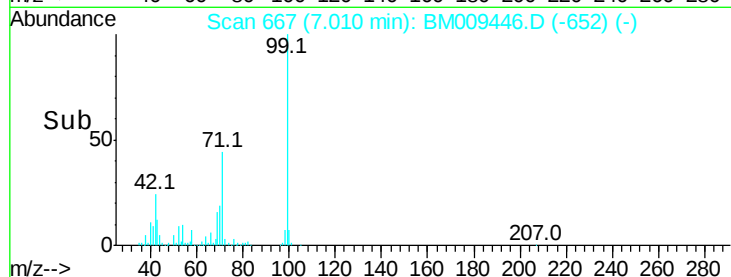
600000

400000

200000

0

Time--> 6.90 6.95 7.00 7.05 7.10



#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

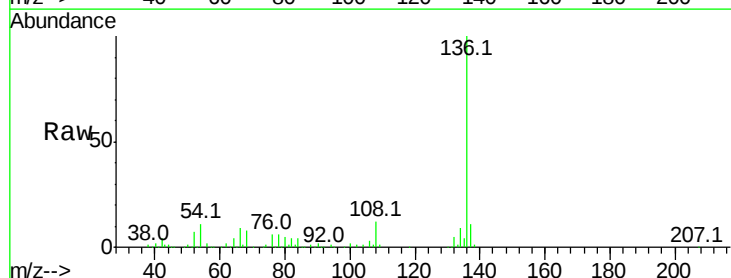
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.9 4.6 6.8#

68 7.9 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM009316.D (-1279) (-)

Ion 137.00 (136.70 to 137.70): BM009316.D (-1279) (-)

Ion 54.00 (53.70 to 54.70): BM009316.D (-1279) (-)

Ion 68.00 (67.70 to 68.70): BM009316.D (-1279) (-)

10.65

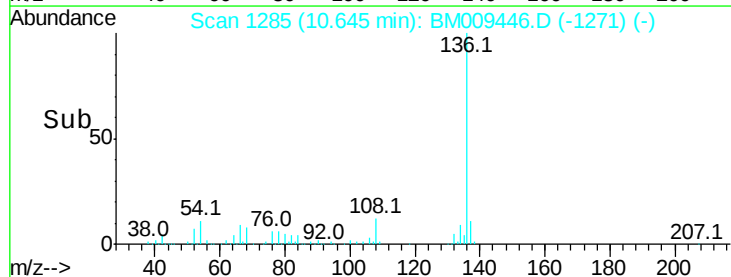
300000

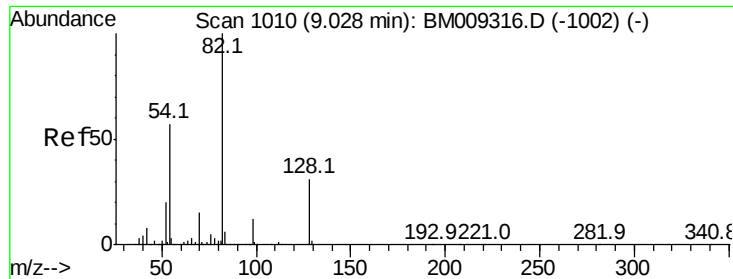
200000

100000

0

Time--> 10.60 10.65 10.70





#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

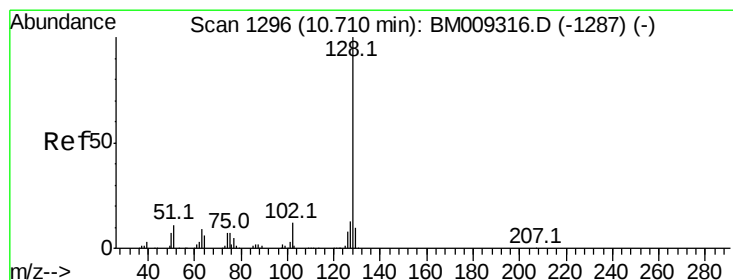
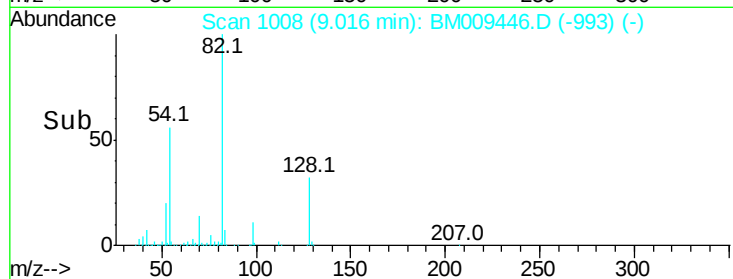
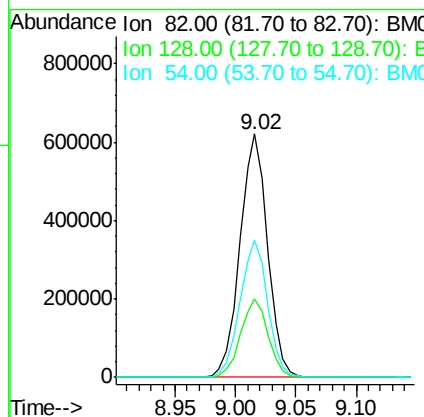
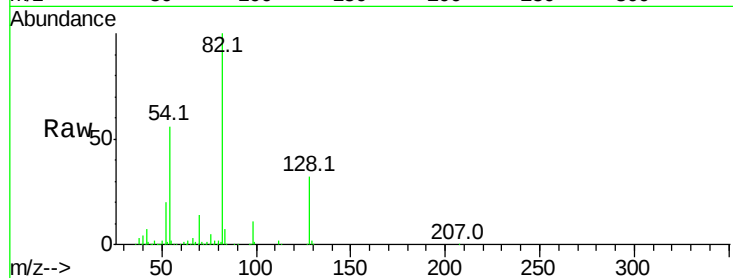
Instrument :

BNA_M

ClientSampleId :

ROLL-OFF-20-41

Tot Ion	82	Resp	988920
Ion Ratio	100	Lower	Upper
128	32.3	32.8	49.2#
54	56.4	40.6	60.8



#31

Naphthalene

Concen: 2.27 ng

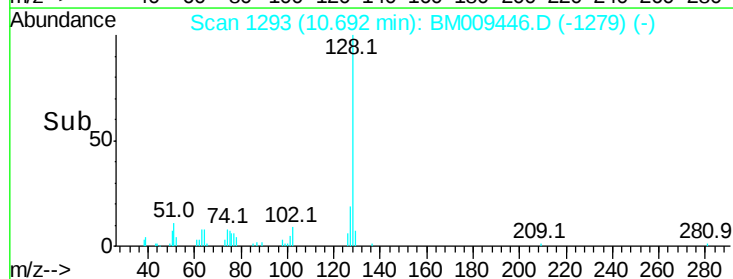
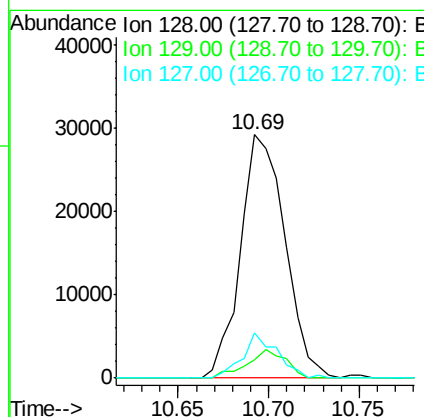
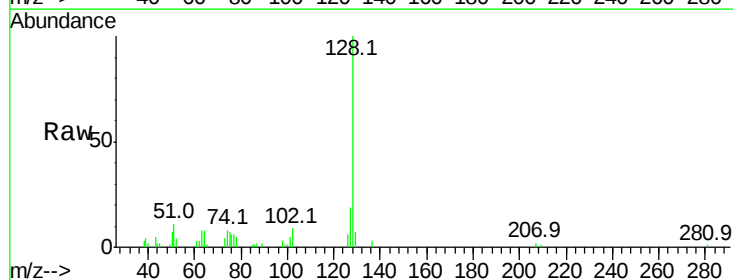
RT: 10.69 min Scan# 1293

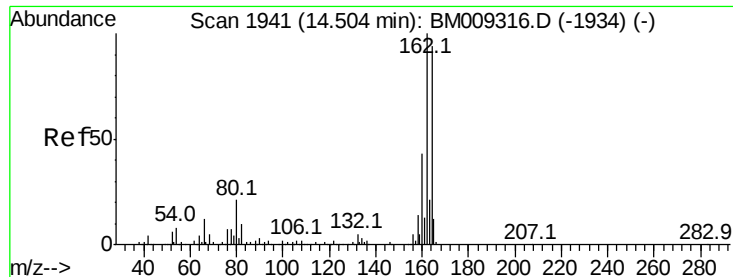
Delta R.T. -0.02 min

Lab File: BM009446.D

Acq: 30 Mar 2017 11:39

Tgt Ion	128	Resp	49973
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
129	7.4	8.9	13.3#
127	18.7	10.4	15.6#

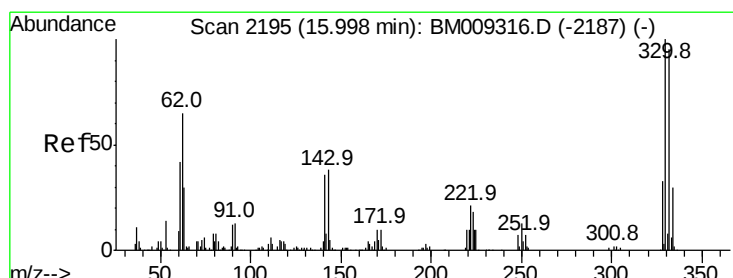
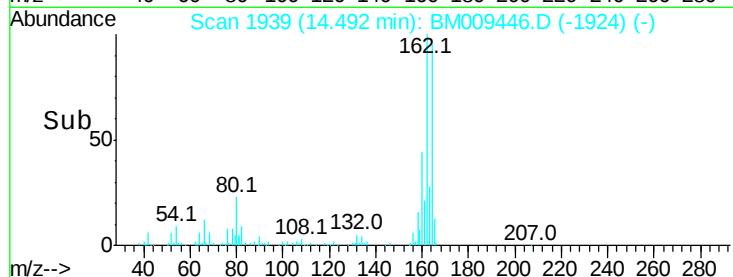
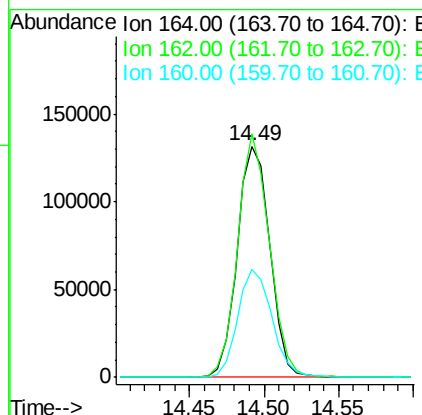
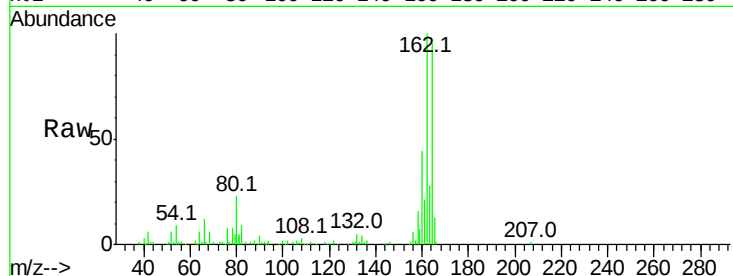




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.49 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BM009446.D
 Acq: 30 Mar 2017 11:39

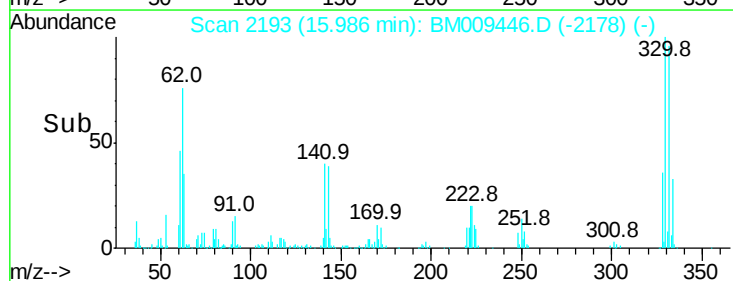
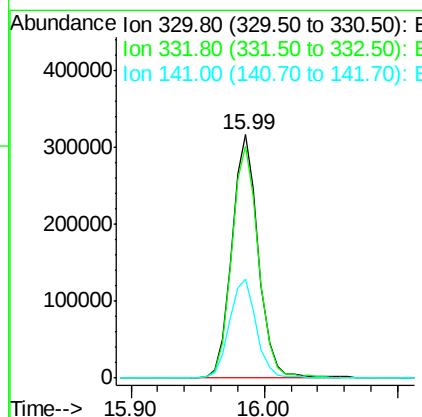
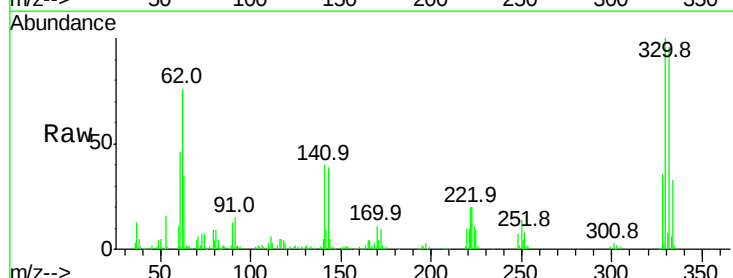
Instrument :
 BNA_M
 ClientSampleId :
 ROLL-OFF-20-41

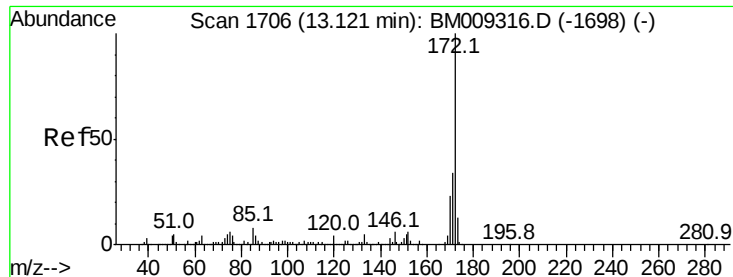
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.4	123.6
160	46.7	35.8	53.6



#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	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	41.3	0.0	0.0#



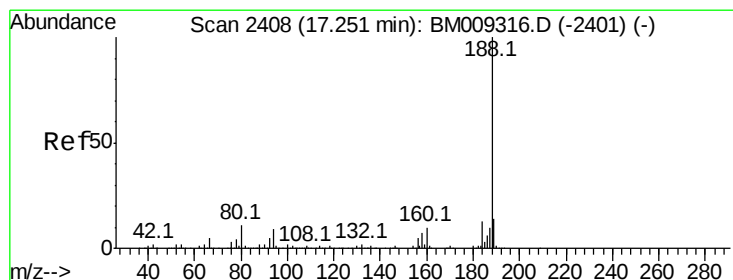
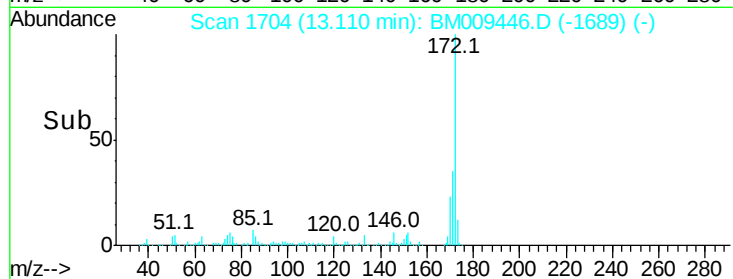
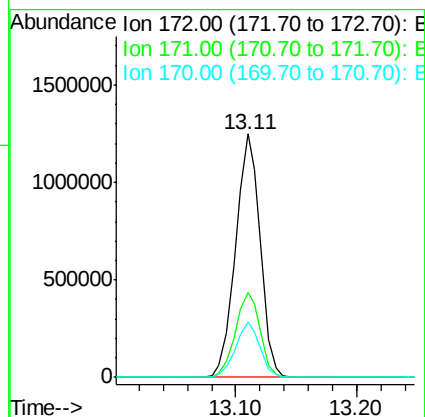
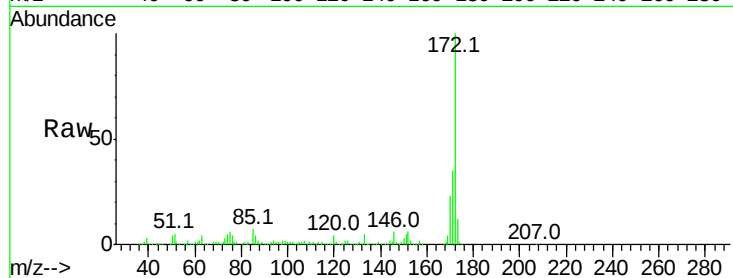


#44
2-Fluorobiphenyl
Concen: 106.22 ng
RT: 13.11 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BM009446.D
Acq: 30 Mar 2017 11:39

Instrument :
BNA_M
ClientSampleId :
ROLL-OFF-20-41

Tot Ion:172 Resp: 1765661

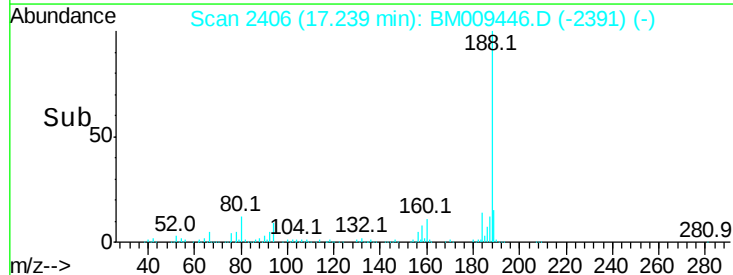
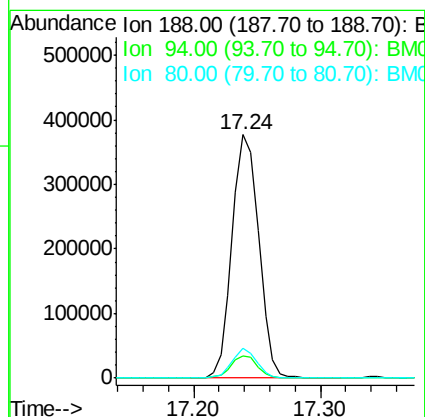
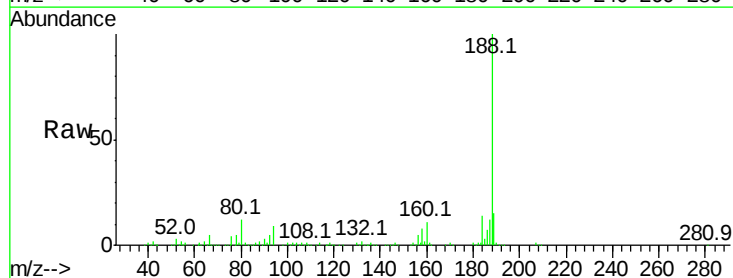
Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.0	18.8	28.2

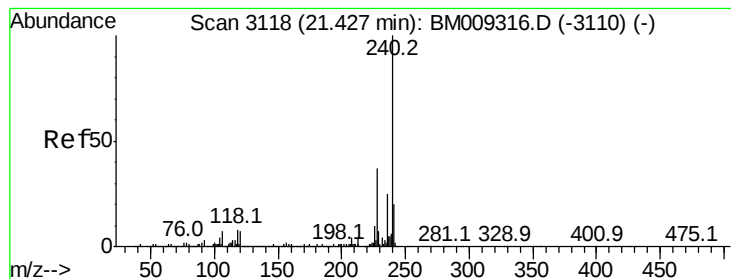


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM009446.D
Acq: 30 Mar 2017 11:39

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 :

ROLL-OFF-20-41

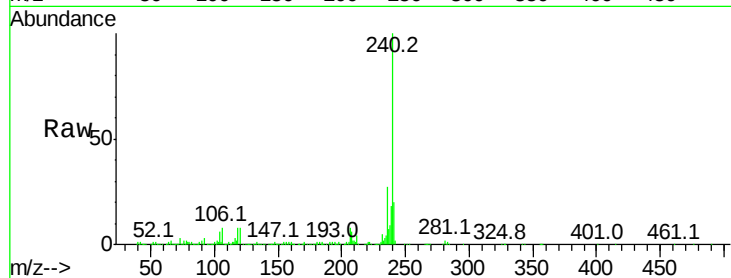
Tot Ion:240 Resp: 606778

Ion Ratio Lower Upper

240 100

120 8.5 8.2 12.2

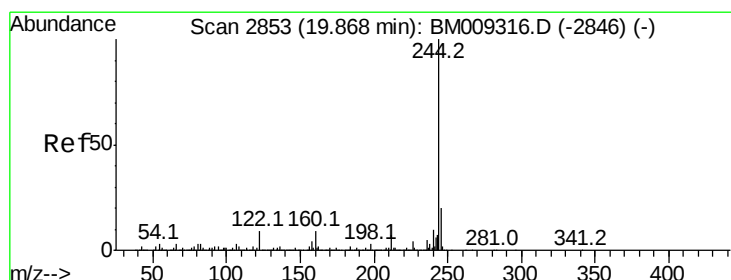
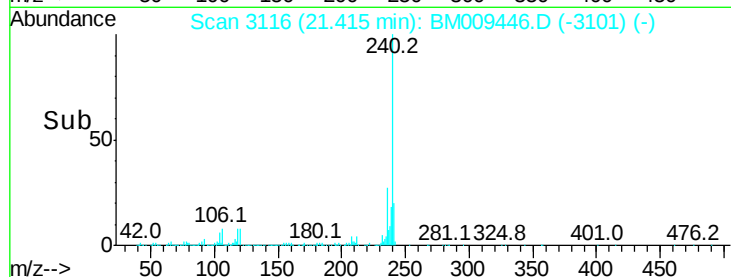
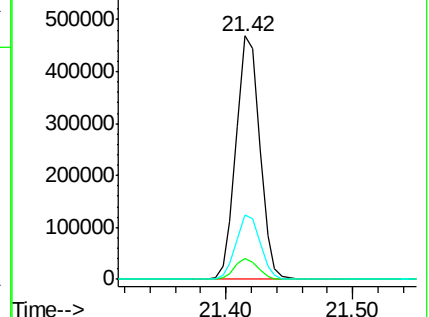
236 26.7 20.0 30.0



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



#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

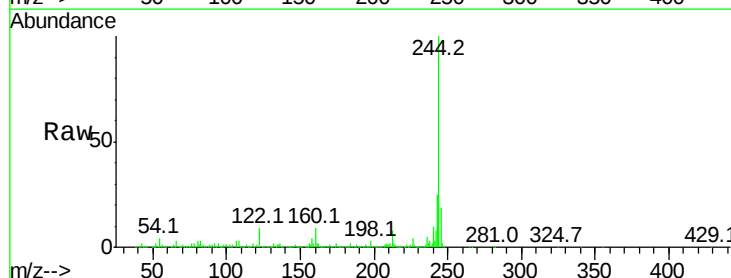
Tgt Ion:244 Resp: 2935567

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

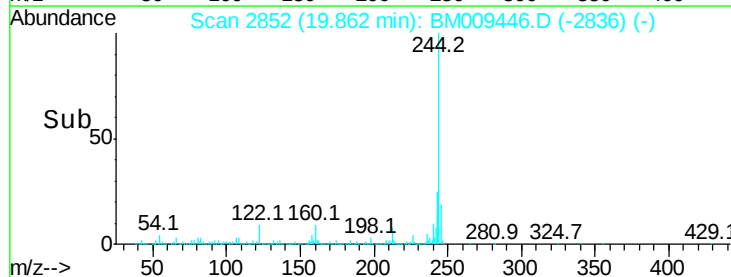
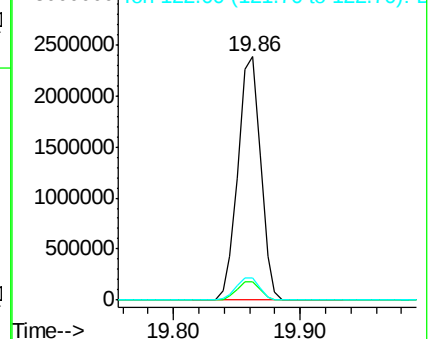
122 9.0 6.2 9.4

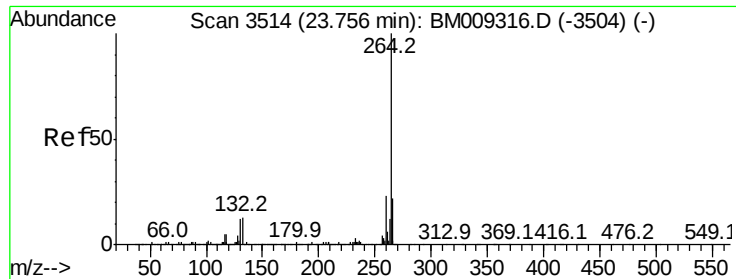


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#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 :
ROLL-OFF-20-41

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

