

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032917\
 Data File : BM009442.D
 Acq On : 29 Mar 2017 20:59
 Operator : SJ/MA
 Sample : I2440-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ROLL-OFF-15-50

Quant Time: Mar 30 01:01:37 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	7.86	152	17371	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	60154	20.00	ng	-0.01
38) Acenaphthene-d10	14.49	164	31896	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	66774	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	85322	20.00	ng	-0.01
86) Perylene-d12	23.74	264	76854	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	142153	136.40	ng	-0.01
7) Phenol-d6	7.00	99	170616	120.06	ng	-0.02
23) Nitrobenzene-d5	9.02	82	136469	85.06	ng	-0.01
41) 2,4,6-Tribromophenol	15.99	330	45174	114.01	ng	-0.01
44) 2-Fluorobiphenyl	13.11	172	237387	89.68	ng	-0.01
78) Terphenyl-d14	19.86	244	322830	79.06	ng	-0.01

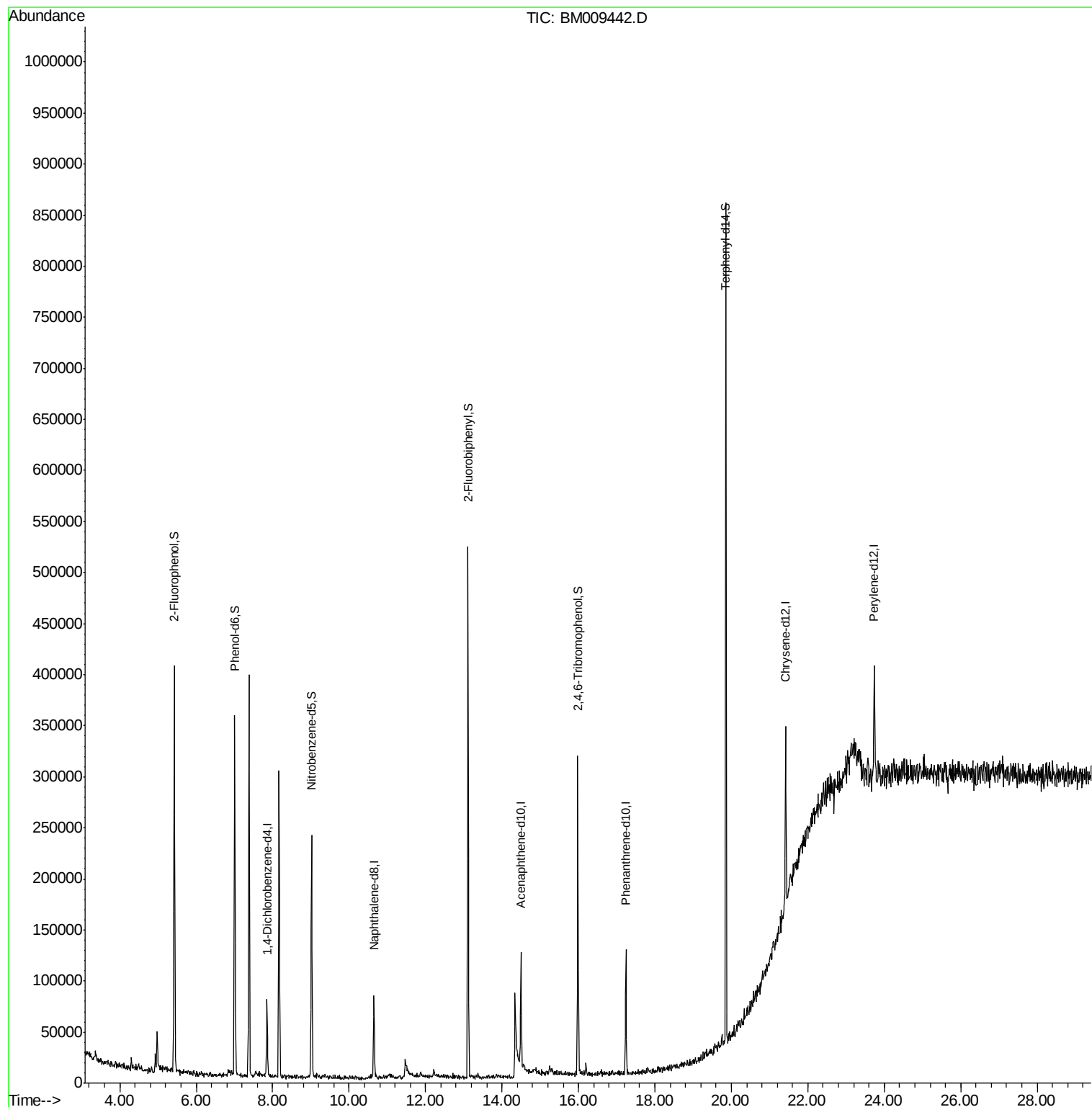
Target Compounds Qvalue

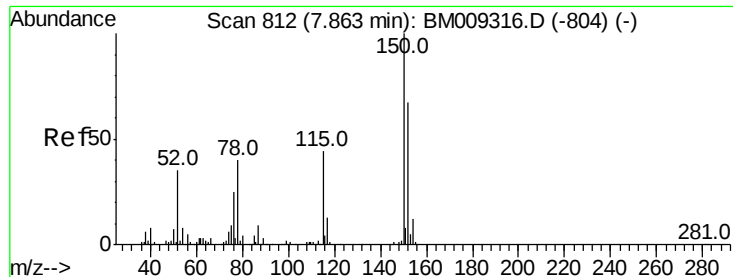
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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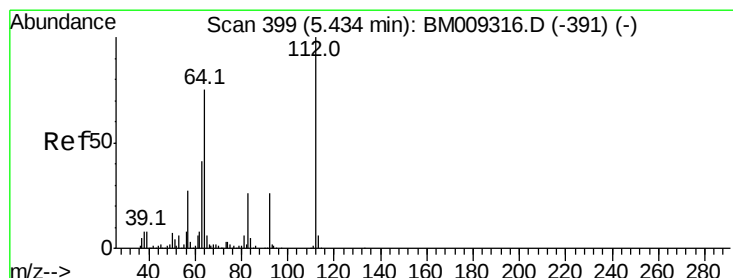
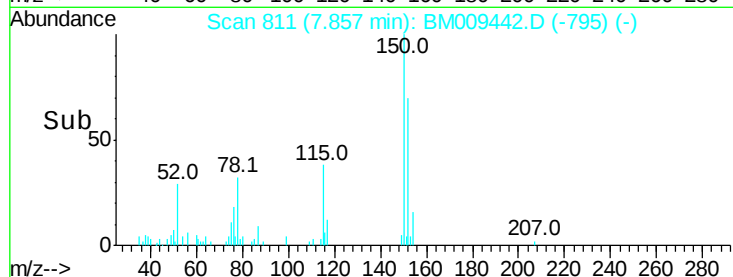
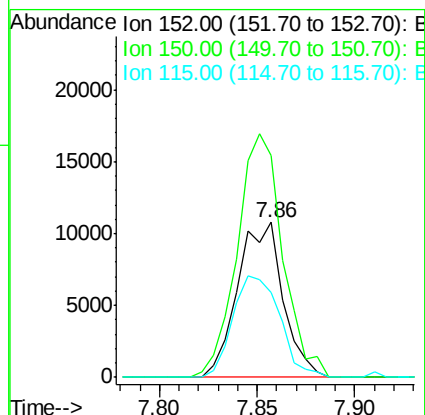
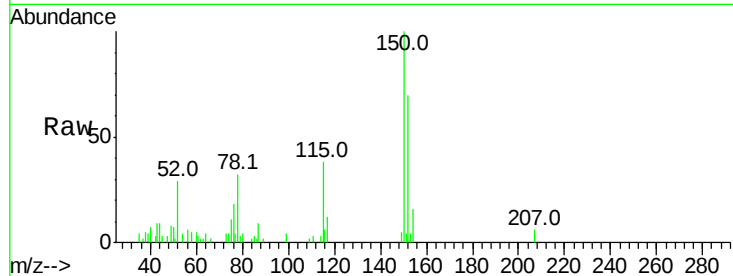


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BM009442.D
Acq: 29 Mar 2017 20:59

Instrument :
BNA_M
ClientSampleId :
ROLL-OFF-15-50

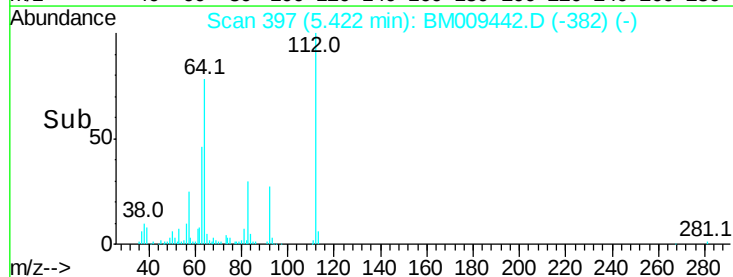
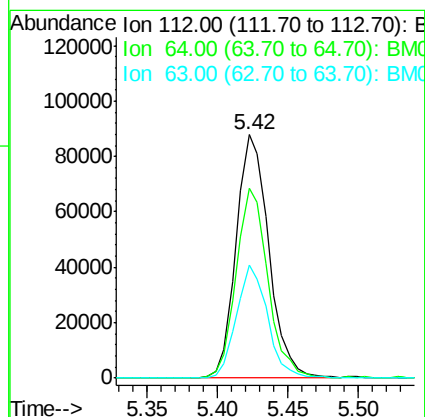
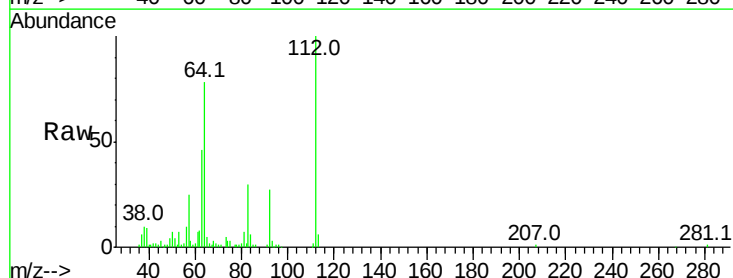
Tot Ion:152 Resp: 17371
Ion Ratio Lower Upper
152 100
150 142.9 119.5 179.3
115 54.9 43.0 64.4

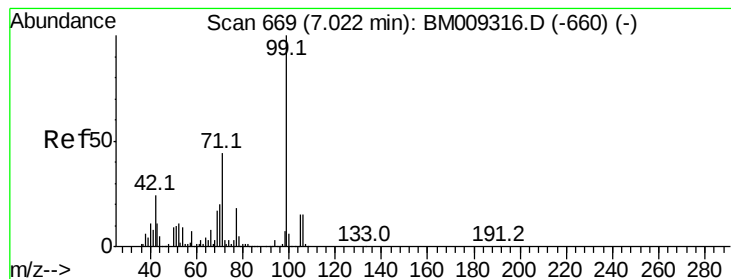


#5

2-Fluorophenol
Concen: 136.40 ng
RT: 5.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BM009442.D
Acq: 29 Mar 2017 20:59

Tgt Ion:112 Resp: 142153
Ion Ratio Lower Upper
112 100
64 78.0 38.6 57.8#
63 46.4 19.3 28.9#





#7

Phenol-d6

Concen: 120.06 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009442.D

Acq: 29 Mar 2017 20:59

Instrument :

BNA_M

ClientSampleId :

ROLL-OFF-15-50

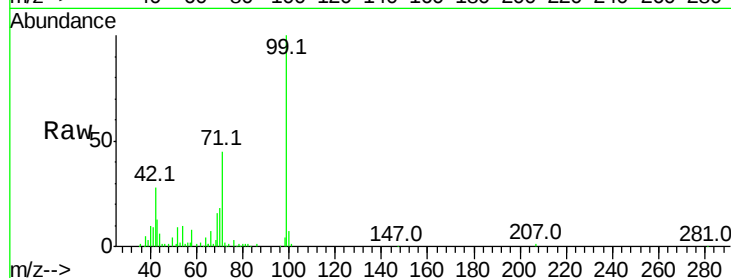
Tot Ion: 99 Resp: 170616

Ion Ratio Lower Upper

99 100

42 27.6 11.0 16.4#

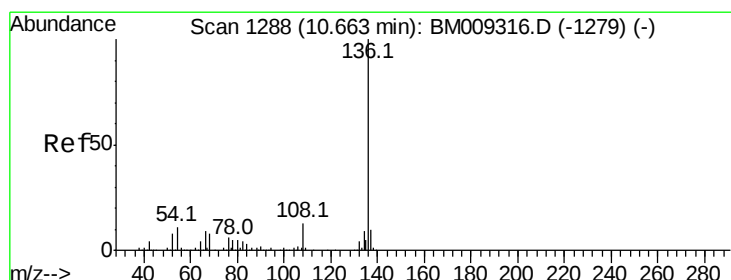
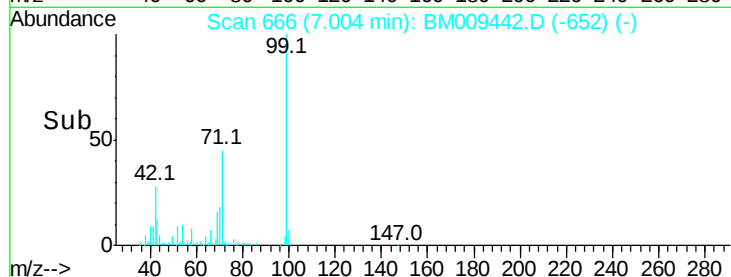
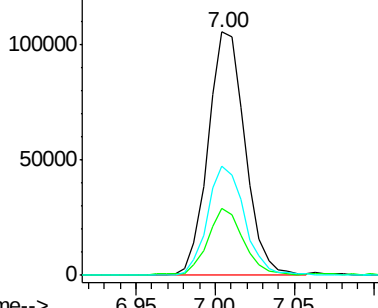
71 44.8 23.4 35.2#



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) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BM009442.D

Acq: 29 Mar 2017 20:59

Tgt Ion: 136 Resp: 60154

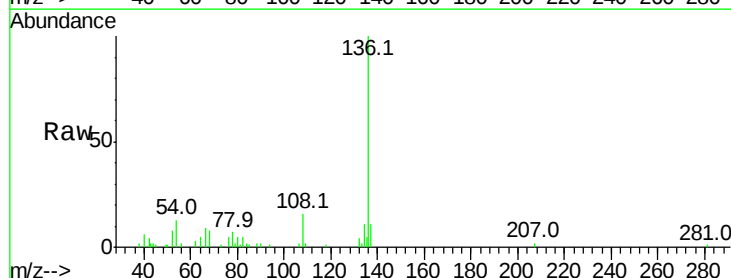
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 13.1 4.6 6.8#

68 7.6 3.7 5.5#

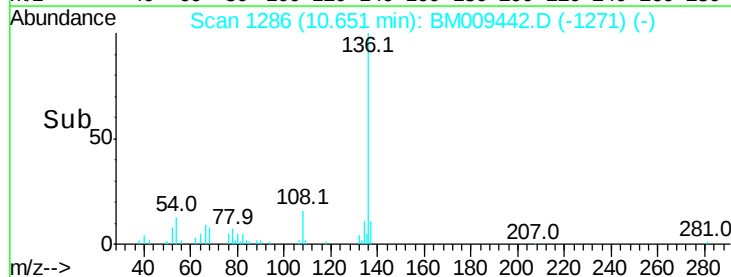
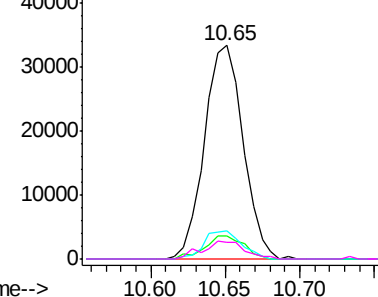


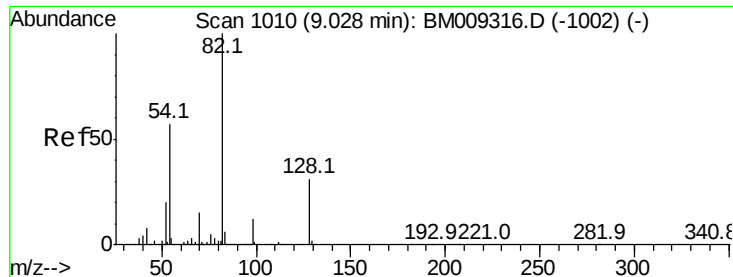
Abundance Ion 136.00 (135.70 to 136.70): BM009316.D (-1279) (-)

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) (-)

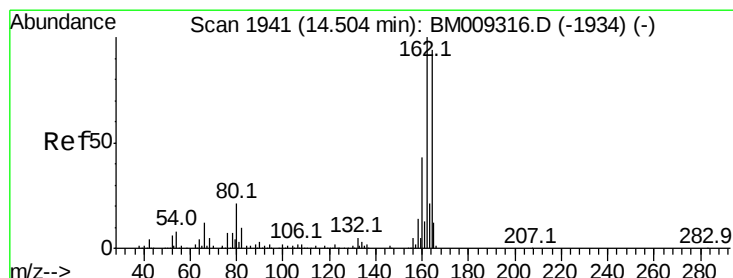
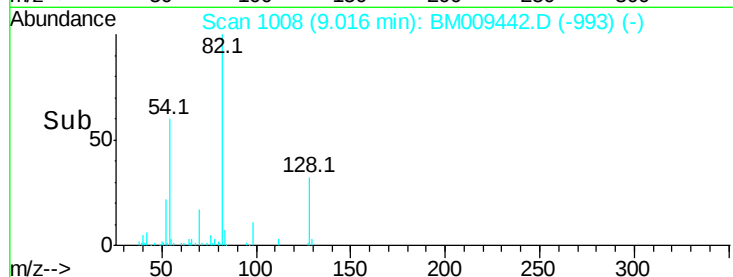
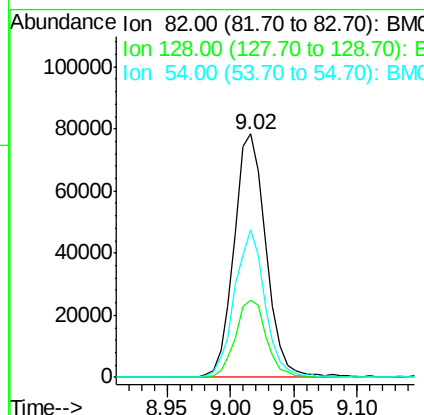
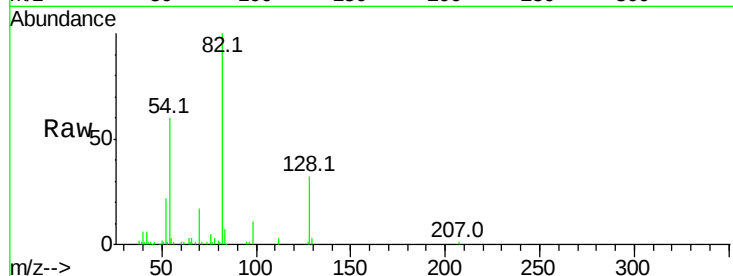




#23
 Nitrobenzene-d5
 Concen: 85.06 ng
 RT: 9.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BM009442.D
 Acq: 29 Mar 2017 20:59

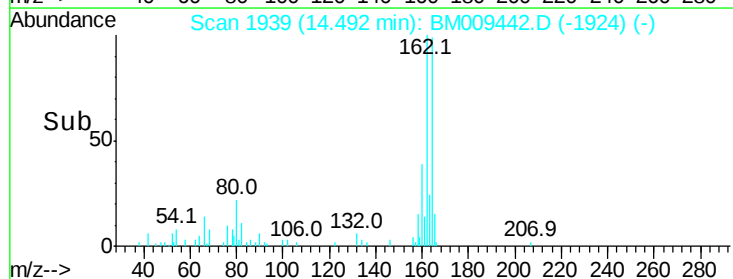
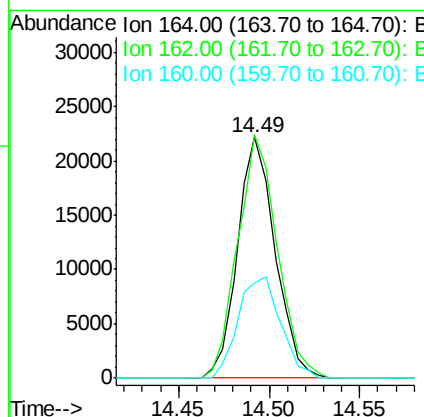
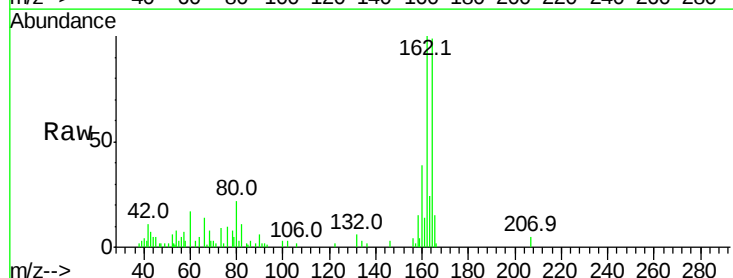
Instrument :
 BNA_M
 ClientSampleId :
 ROLL-OFF-15-50

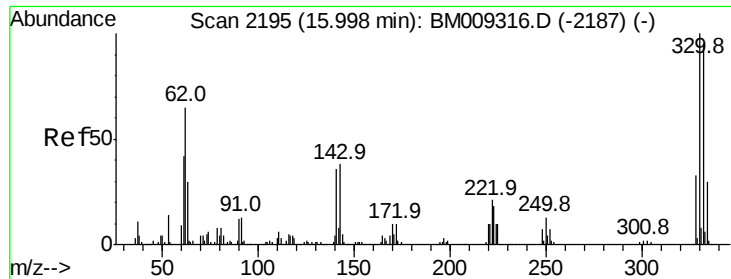
Tot Ion	82	Resp	136469
Ion Ratio	Lower	Upper	
82	100		
128	31.9	32.8	49.2#
54	60.5	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.49 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BM009442.D
 Acq: 29 Mar 2017 20:59

Tgt Ion	164	Resp	31896
Ion Ratio	Lower	Upper	
164	100		
162	101.2	82.4	123.6
160	39.8	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 114.01 ng

RT: 15.99 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BM009442.D

Acq: 29 Mar 2017 20:59

Instrument :

BNA_M

ClientSampleId :

ROLL-OFF-15-50

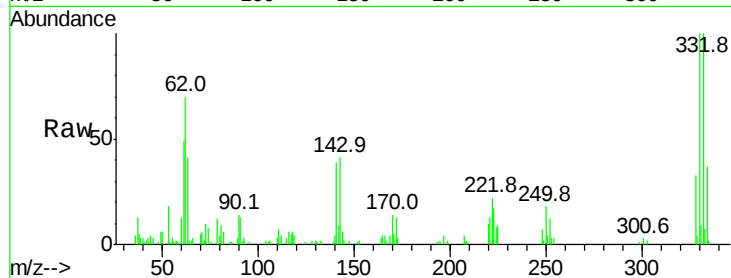
Tot Ion:330 Resp: 45174

Ion Ratio Lower Upper

330 100

332 102.9 0.0 0.0#

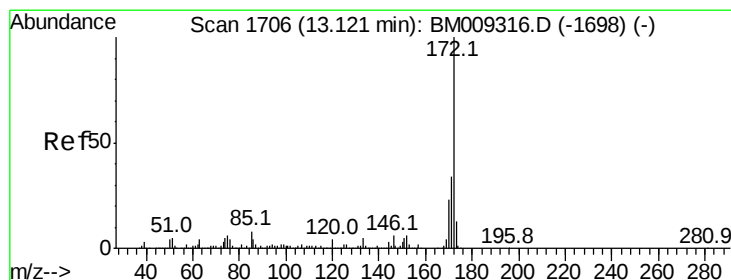
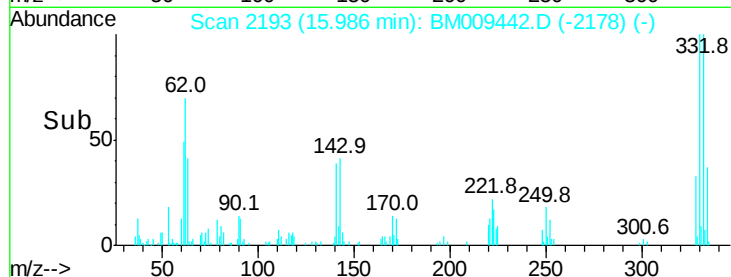
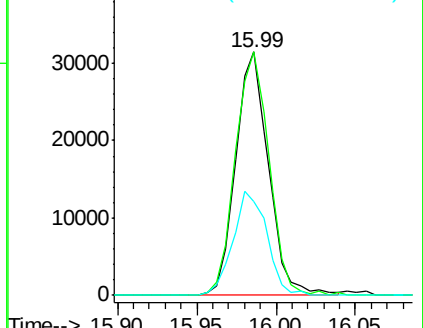
141 44.1 0.0 0.0#



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: 89.68 ng

RT: 13.11 min Scan# 1704

Delta R.T. -0.01 min

Lab File: BM009442.D

Acq: 29 Mar 2017 20:59

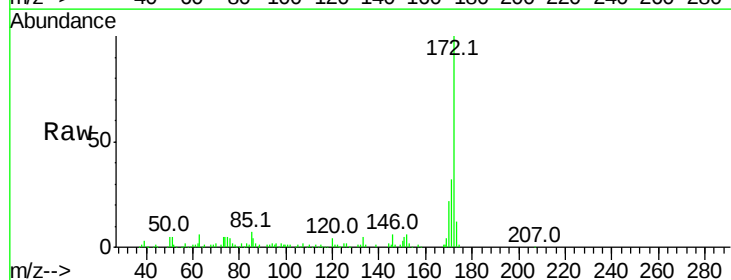
Tgt Ion:172 Resp: 237387

Ion Ratio Lower Upper

172 100

171 31.6 28.5 42.7

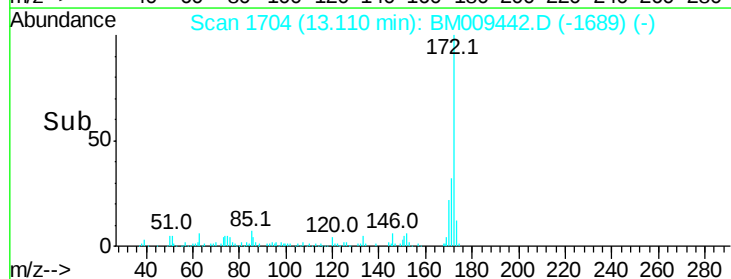
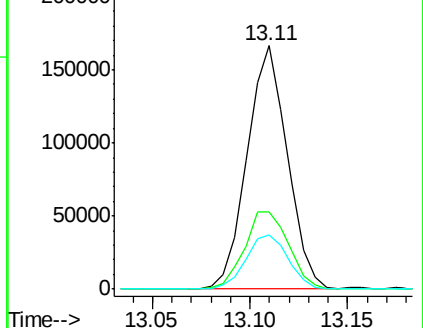
170 22.1 18.8 28.2

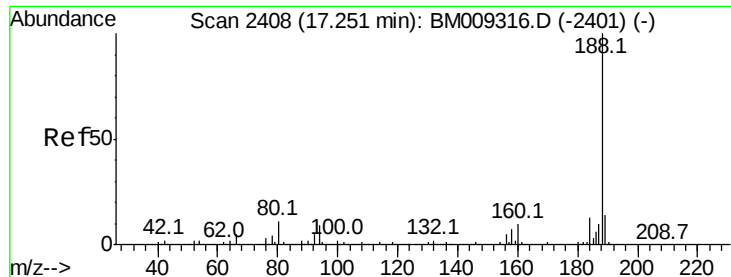


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.24 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BM009442.D

Acq: 29 Mar 2017 20:59

Instrument :

BNA_M

ClientSampleId :

ROLL-OFF-15-50

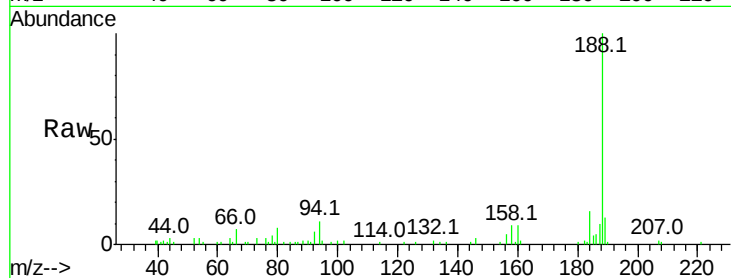
Tot Ion:188 Resp: 66774

Ion Ratio Lower Upper

188 100

94 11.4 8.7 13.1

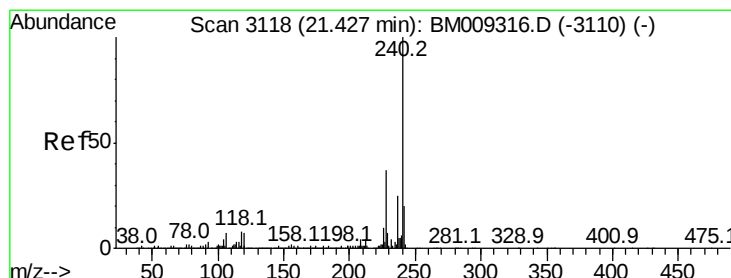
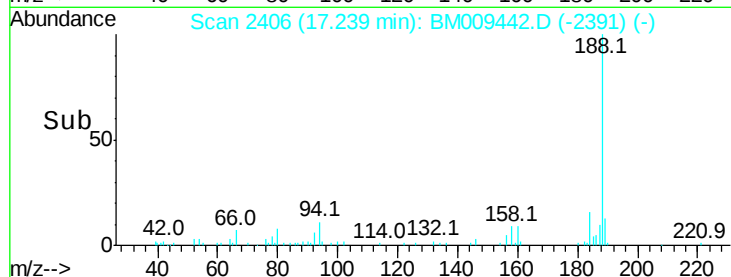
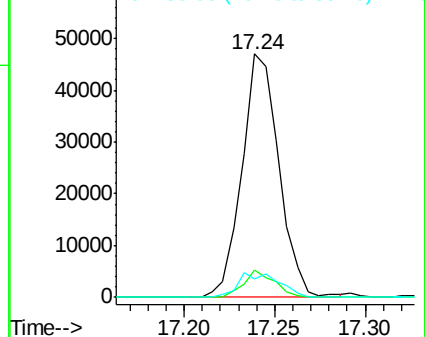
80 7.7 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.42 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM009442.D

Acq: 29 Mar 2017 20:59

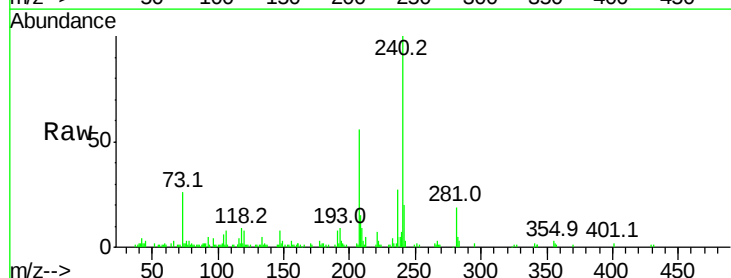
Tgt Ion:240 Resp: 85322

Ion Ratio Lower Upper

240 100

120 8.0 8.2 12.2#

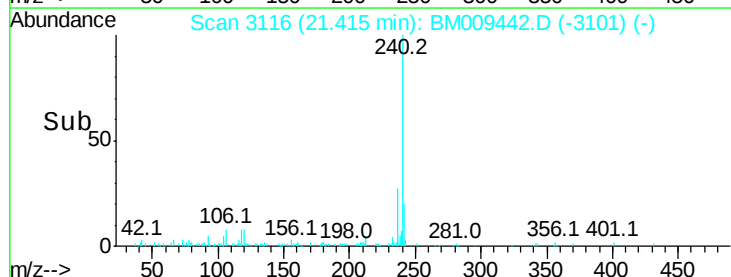
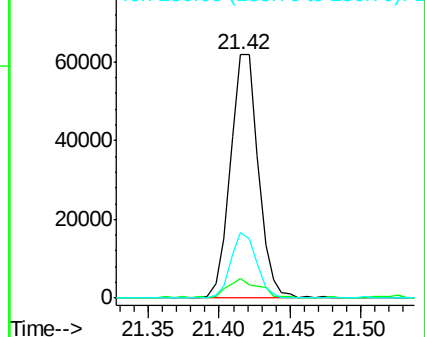
236 26.8 20.0 30.0

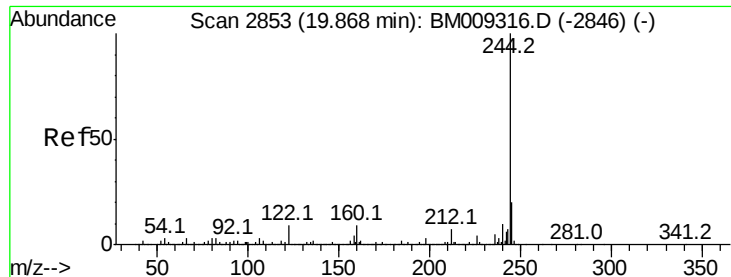


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

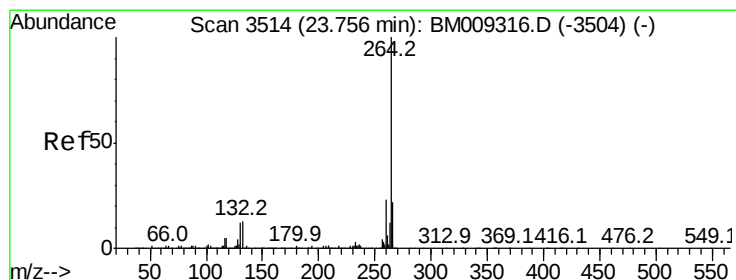
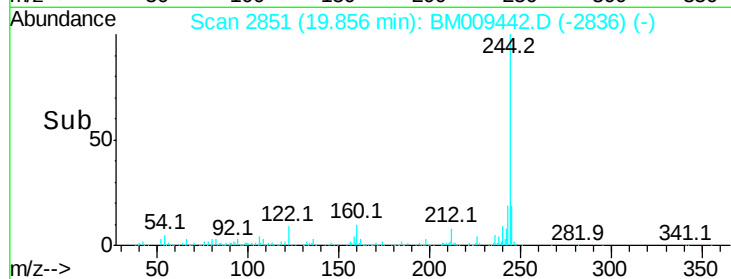
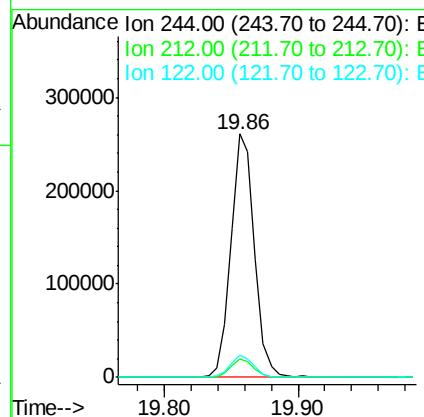
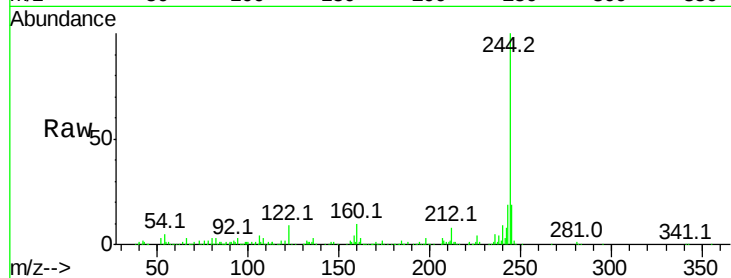




#78
 Terphenyl-d14
 Concen: 79.06 ng
 RT: 19.86 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BM009442.D
 Acq: 29 Mar 2017 20:59

Instrument :
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Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.9	7.3#
122	8.9	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.74 min Scan# 3512
 Delta R.T. -0.01 min
 Lab File: BM009442.D
 Acq: 29 Mar 2017 20:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	19.8	18.6	27.8
265	21.4	17.3	25.9

