

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032917\
 Data File : BM009449.D
 Acq On : 30 Mar 2017 13:53
 Operator : SJ/MA
 Sample : I2437-03DL2 50X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 QNWP8-MW30D-GWDL2

Quant Time: Mar 30 14:34:11 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

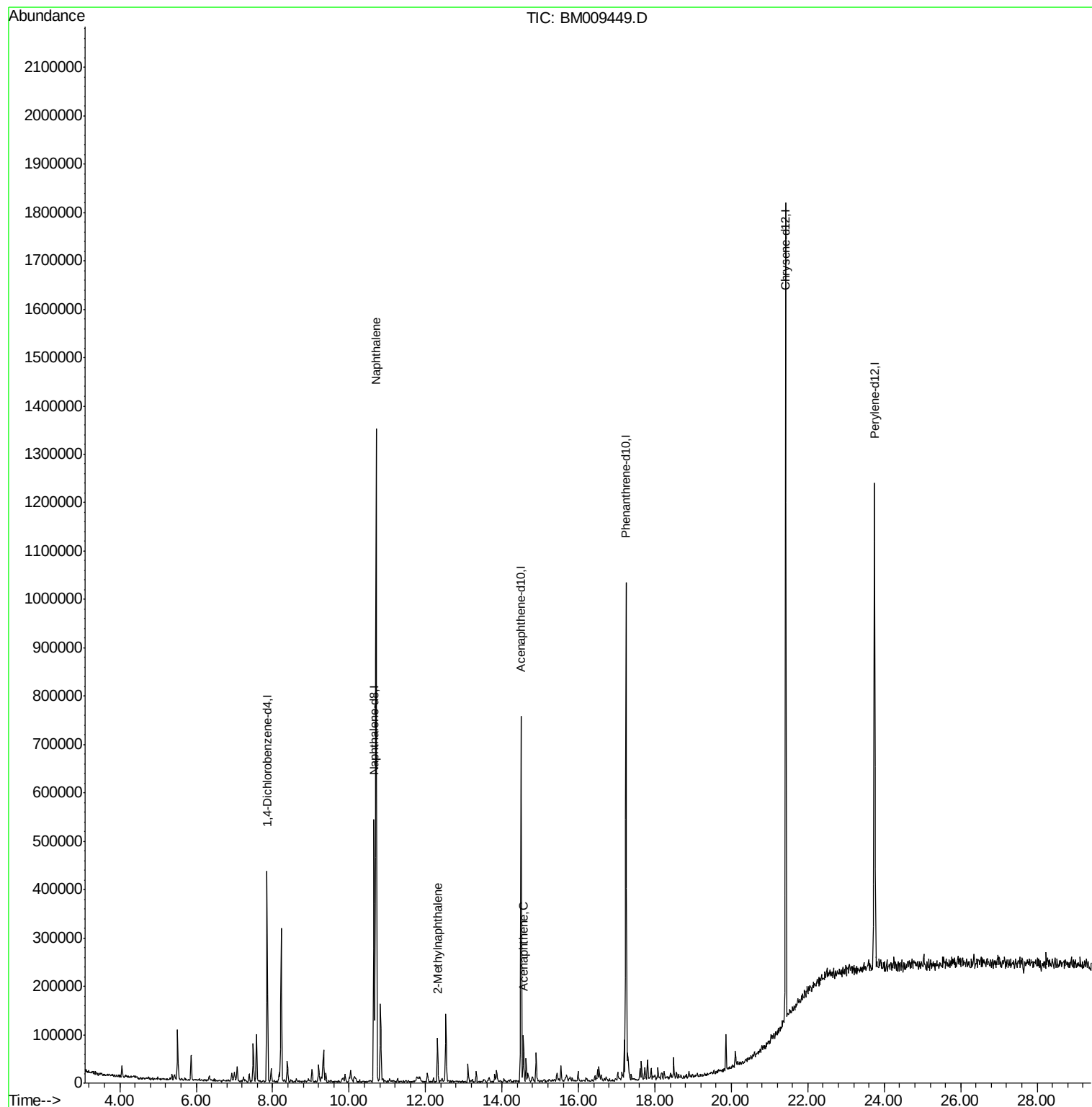
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	100269	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	380941	20.00	ng	-0.01
38) Acenaphthene-d10	14.50	164	221534	20.00	ng	0.00
63) Phenanthrene-d10	17.24	188	551315	20.00	ng	0.00
75) Chrysene-d12	21.42	240	780927	20.00	ng	0.00
86) Perylene-d12	23.74	264	738164	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	3762	0.63	ng	0.00
7) Phenol-d6	7.02	99	3129	0.38	ng	0.00
23) Nitrobenzene-d5	9.02	82	10148	1.00	ng	-0.01
41) 2,4,6-Tribromophenol	15.99	330	3037	1.10	ng	-0.01
44) 2-Fluorobiphenyl	13.11	172	18751	1.02	ng	-0.01
78) Terphenyl-d14	19.86	244	28195	0.75	ng	0.00
Target Compounds						
31) Naphthalene	10.70	128	931539	46.07	ng	99
37) 2-Methylnaphthalene	12.32	142	36337	2.60	ng	90
51) Acenaphthene	14.56	154	32346	2.30	ng	88

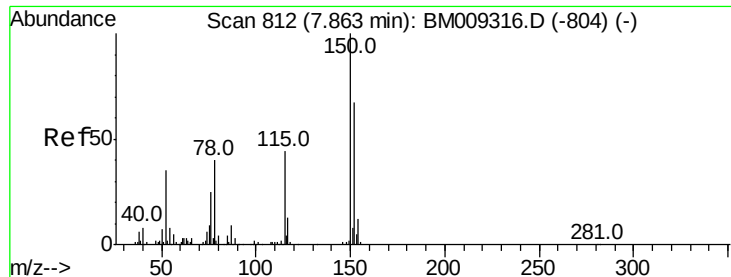
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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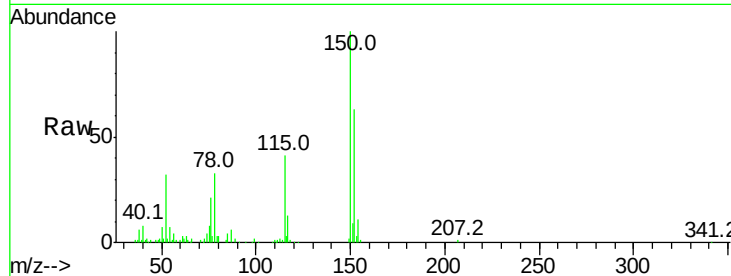


#1

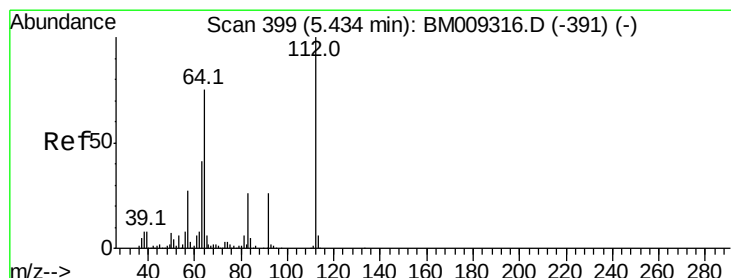
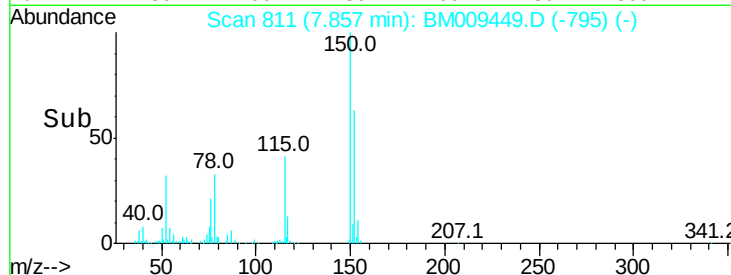
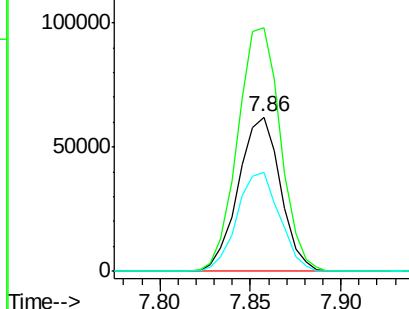
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BM009449.D
Acq: 30 Mar 2017 13:53

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW30D-GWDL2

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	119.5	179.3
115	64.1	43.0	64.4



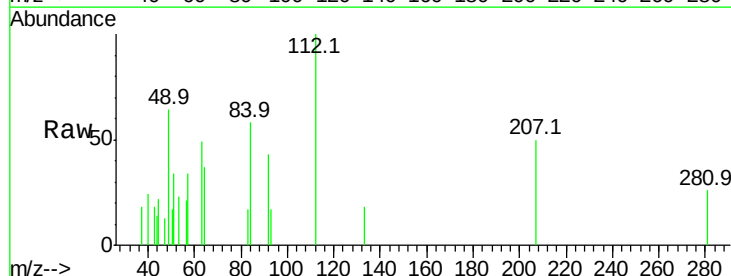
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



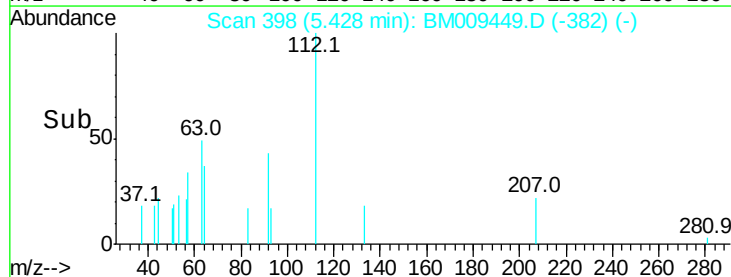
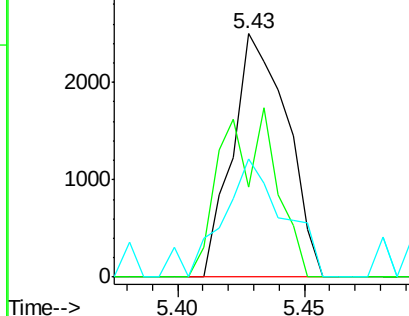
#5

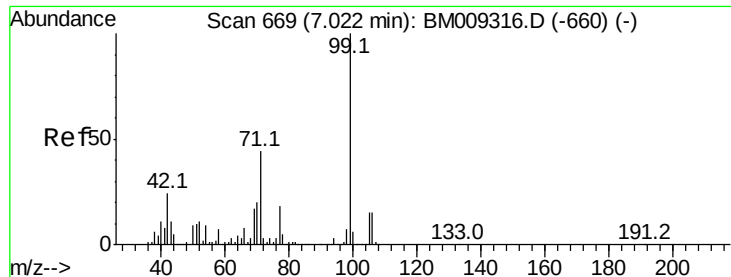
2-Fluorophenol
Concen: 0.63 ng
RT: 5.43 min Scan# 398
Delta R.T. -0.01 min
Lab File: BM009449.D
Acq: 30 Mar 2017 13:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	37.1	38.6	57.8#
63	48.8	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: 0.38 ng

RT: 7.02 min Scan# 669

Delta R.T. 0.00 min

Lab File: BM009449.D

Acq: 30 Mar 2017 13:53

Instrument :

BNA_M

ClientSampleId :

QNWP8-MW30D-GWDL2

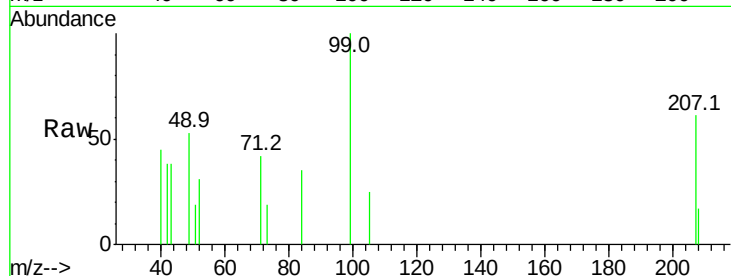
Tot Ion: 99 Resp: 3129

Ion Ratio Lower Upper

99 100

42 38.2 11.0 16.4#

71 42.0 23.4 35.2#

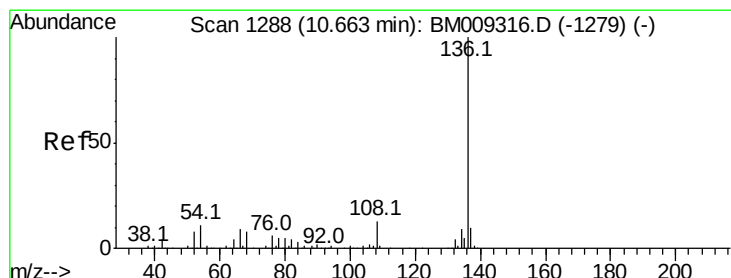
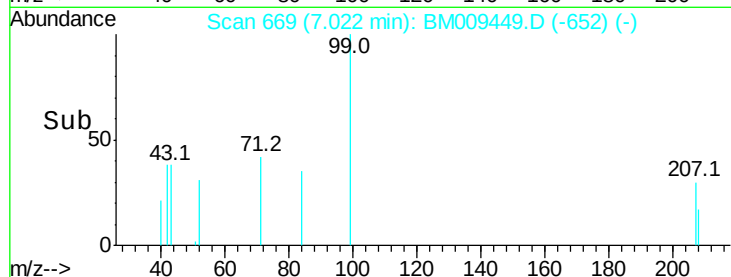
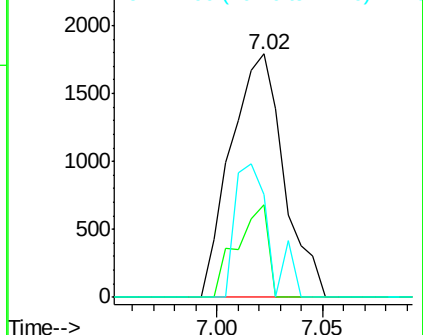


Abundance

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: BM009449.D

Acq: 30 Mar 2017 13:53

Tgt Ion: 136 Resp: 380941

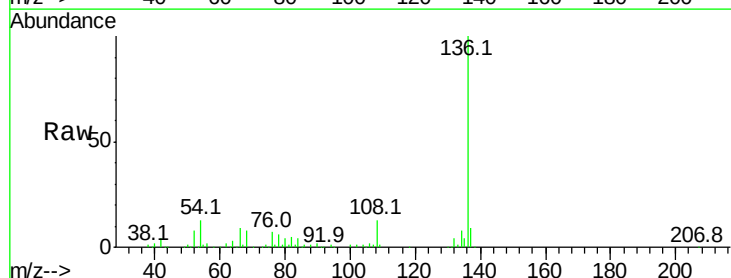
Ion Ratio Lower Upper

136 100

137 9.1 8.7 13.1

54 13.2 4.6 6.8#

68 8.5 3.7 5.5#



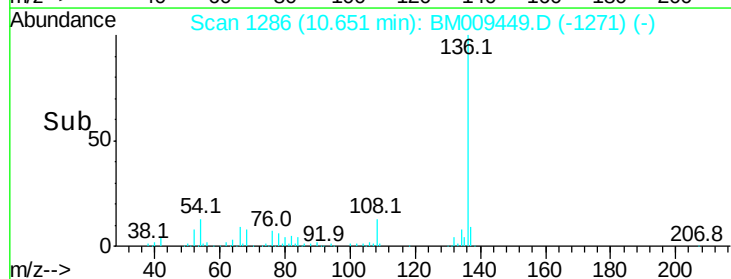
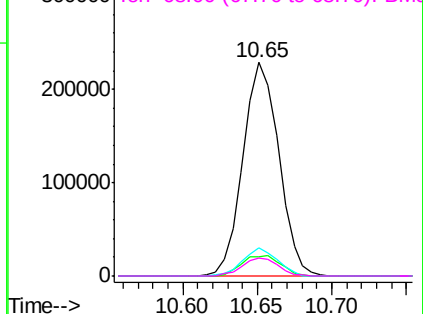
Abundance

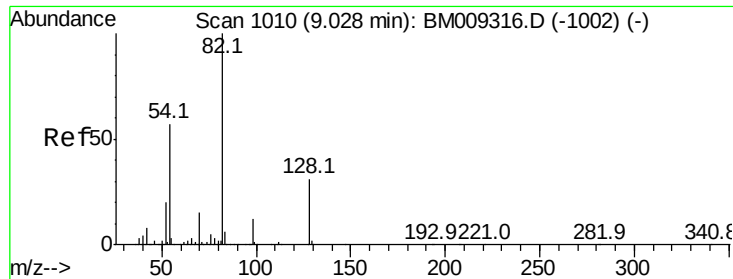
Ion 136.00 (135.70 to 136.70): BM009316.D (-1279) (-)

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) (-)

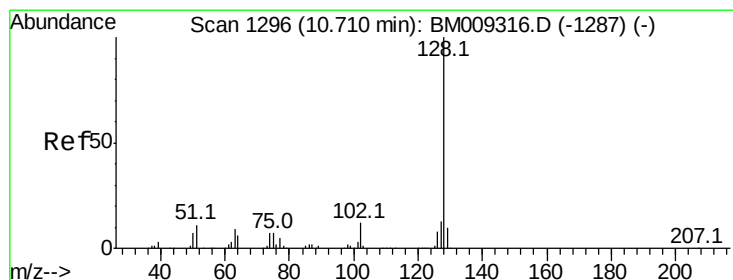
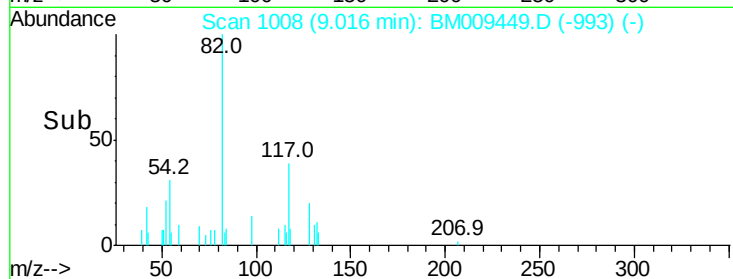
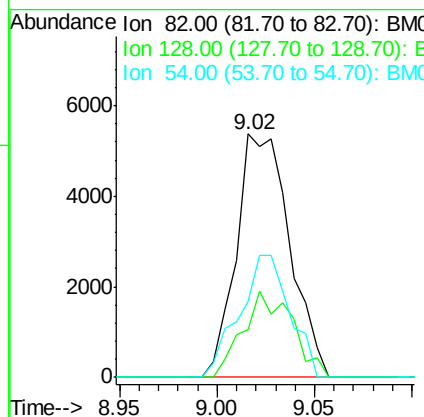
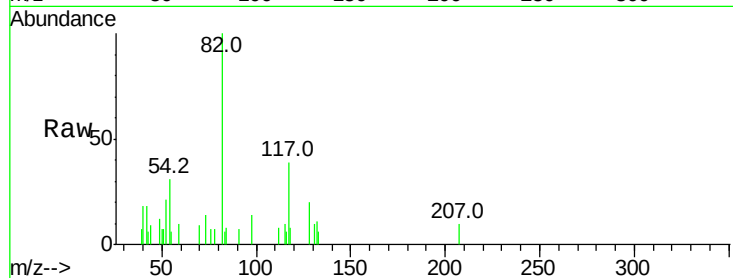




#23
 Nitrobenzene-d5
 Concen: 1.00 ng
 RT: 9.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BM009449.D
 Acq: 30 Mar 2017 13:53

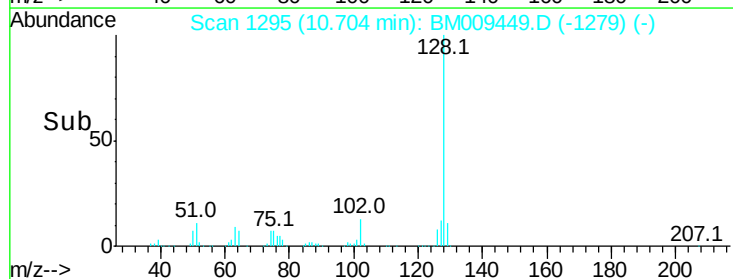
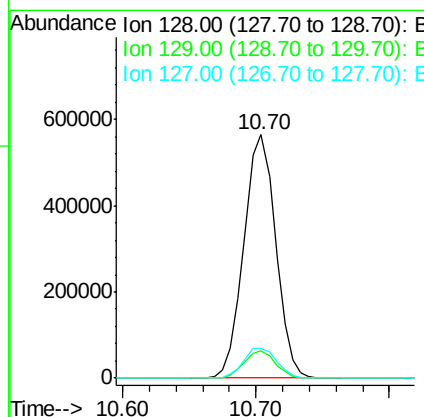
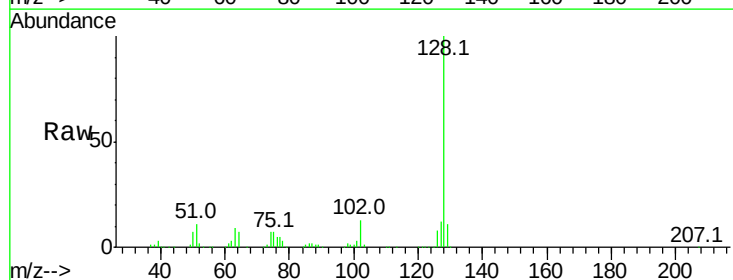
Instrument :
 BNA_M
 ClientSampleId :
 QNWP8-MW30D-GWDL2

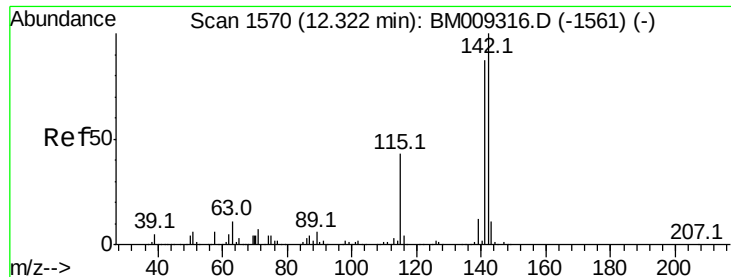
Tot Ion	82	Resp	10148
Ion Ratio	Lower	Upper	
82	100		
128	19.8	32.8	49.2#
54	31.0	40.6	60.8#



#31
 Naphthalene
 Concen: 46.07 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BM009449.D
 Acq: 30 Mar 2017 13:53

Tgt Ion	128	Resp	931539
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.9	13.3
127	12.1	10.4	15.6

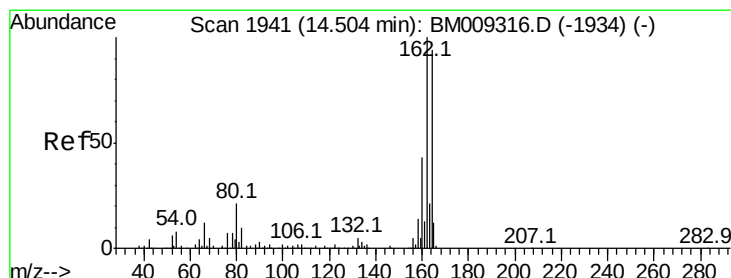
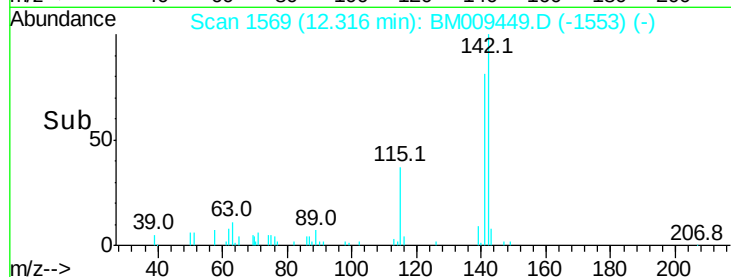
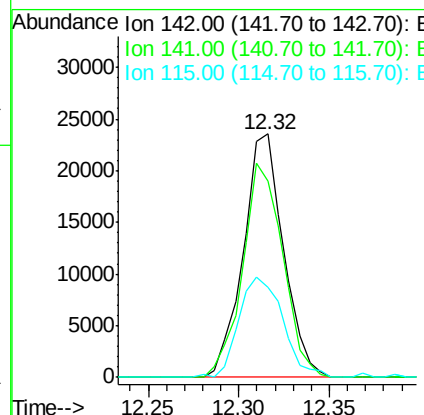
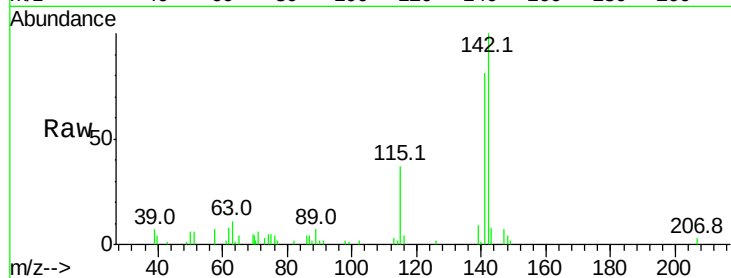




#37
2-Methylnaphthalene
Concen: 2.60 ng
RT: 12.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BM009449.D
Acq: 30 Mar 2017 13:53

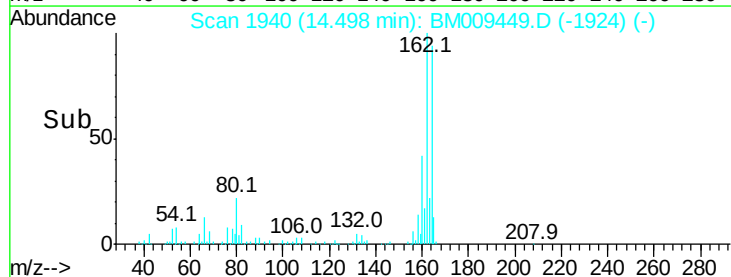
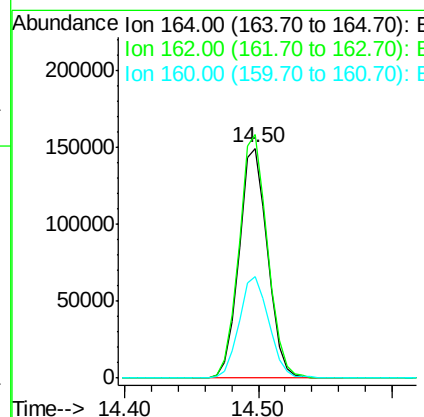
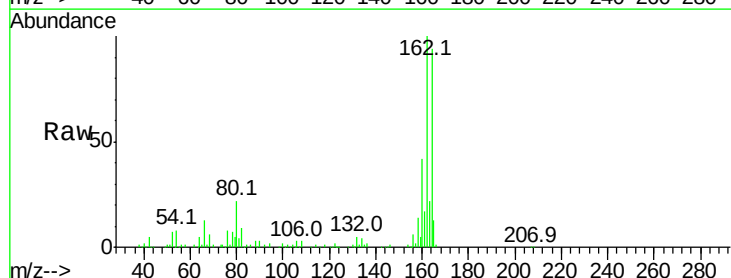
Instrument :
BNA_M
ClientSampleId :
QNWP8-MW30D-GWDL2

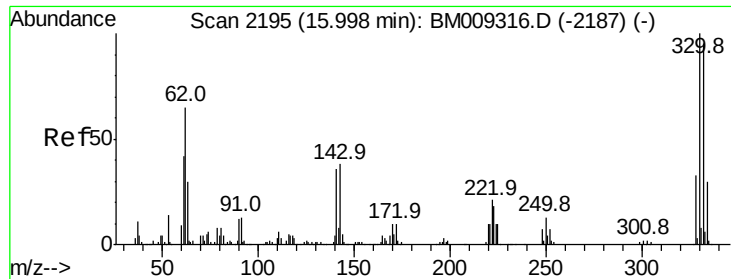
Tot Ion:142 Resp: 36337
Ion Ratio Lower Upper
142 100
141 80.7 71.9 107.9
115 36.9 25.4 38.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.50 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BM009449.D
Acq: 30 Mar 2017 13:53

Tgt Ion:164 Resp: 221534
Ion Ratio Lower Upper
164 100
162 105.9 82.4 123.6
160 44.4 35.8 53.6





#41

2,4,6-Tribromophenol

Concen: 1.10 ng

RT: 15.99 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BM009449.D

Acq: 30 Mar 2017 13:53

Instrument :

BNA_M

ClientSampleId :

QNWP8-MW30D-GWDL2

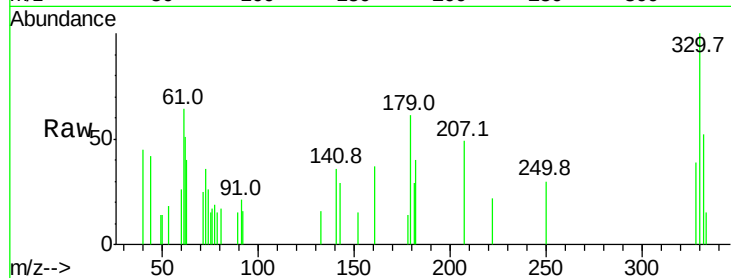
Tot Ion:330 Resp: 3037

Ion Ratio Lower Upper

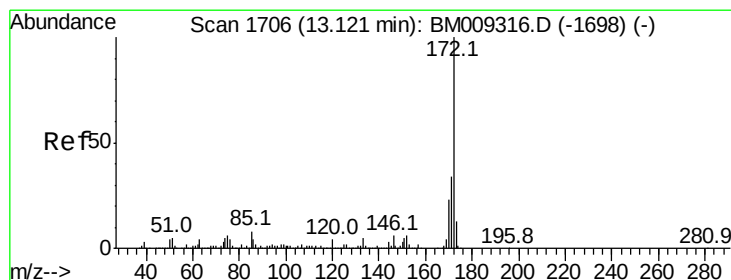
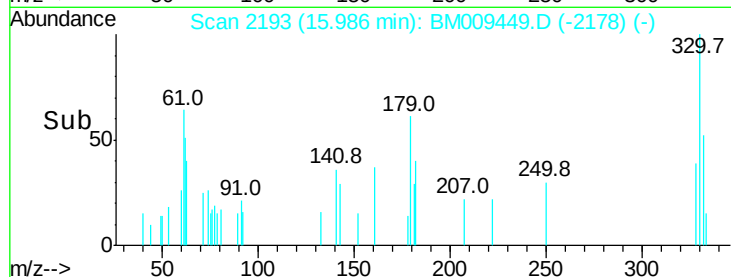
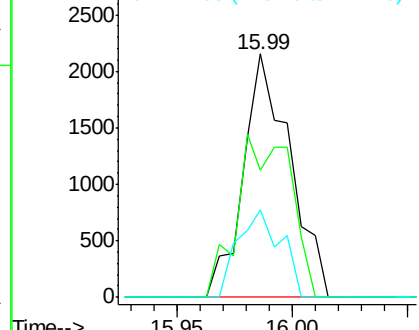
330 100

332 76.9 0.0 0.0#

141 33.2 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: 1.02 ng

RT: 13.11 min Scan# 1704

Delta R.T. -0.01 min

Lab File: BM009449.D

Acq: 30 Mar 2017 13:53

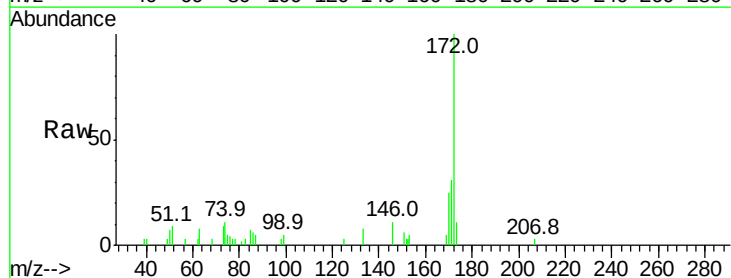
Tgt Ion:172 Resp: 18751

Ion Ratio Lower Upper

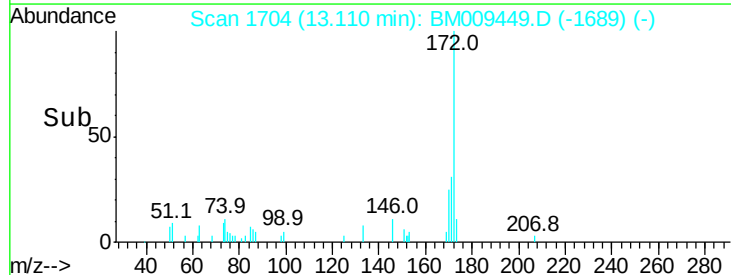
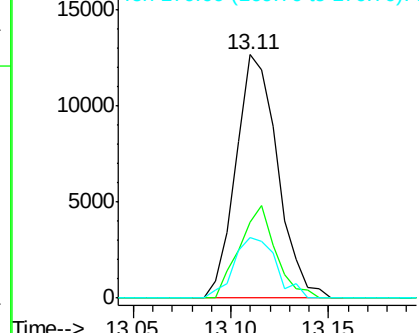
172 100

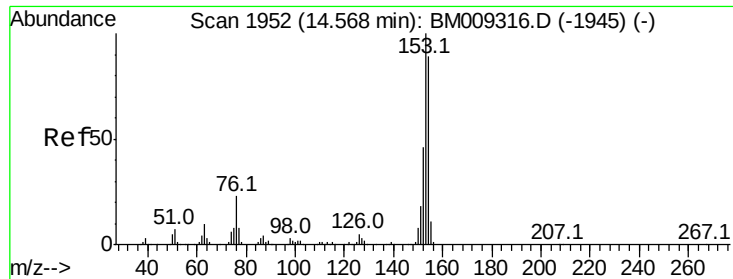
171 31.2 28.5 42.7

170 24.7 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





#51

Acenaphthene

Concen: 2.30 ng

RT: 14.56 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BM009449.D

Acq: 30 Mar 2017 13:53

Instrument :

BNA_M

ClientSampleId :

QNWP8-MW30D-GWDL2

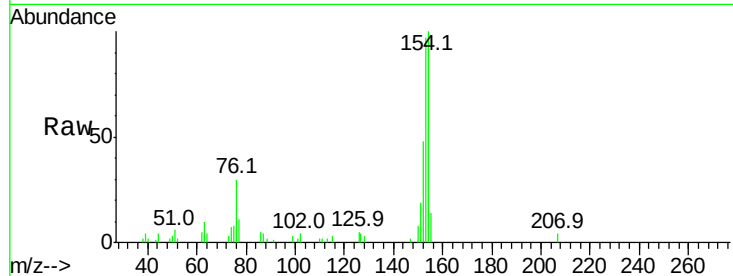
Tot Ion:154 Resp: 32346

Ion Ratio Lower Upper

154 100

153 97.0 90.0 135.0

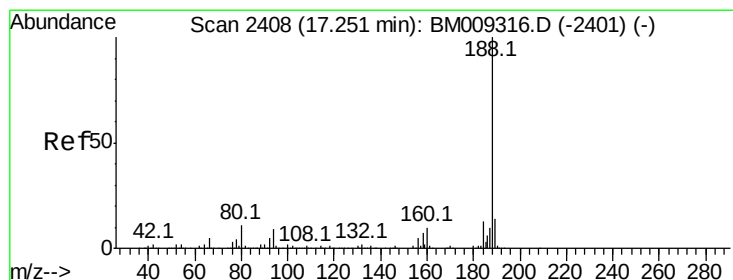
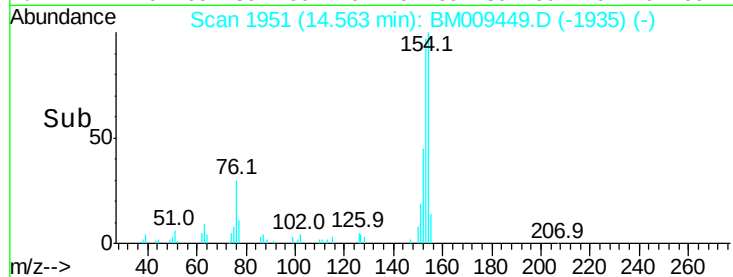
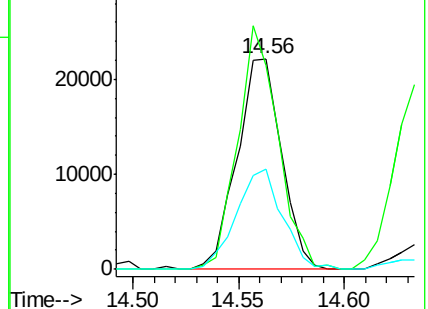
152 47.6 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.24 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BM009449.D

Acq: 30 Mar 2017 13:53

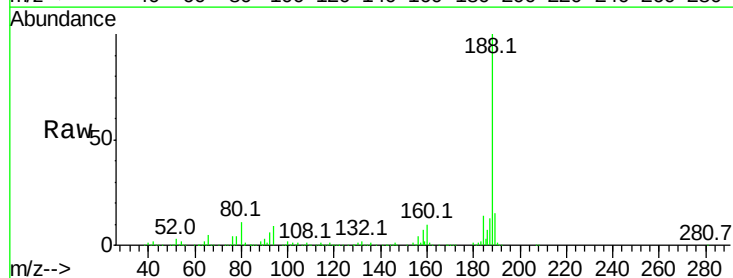
Tgt Ion:188 Resp: 551315

Ion Ratio Lower Upper

188 100

94 9.0 8.7 13.1

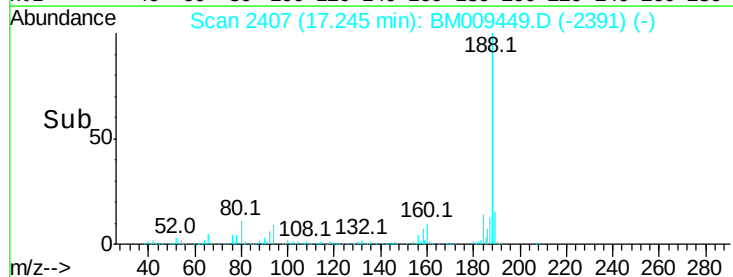
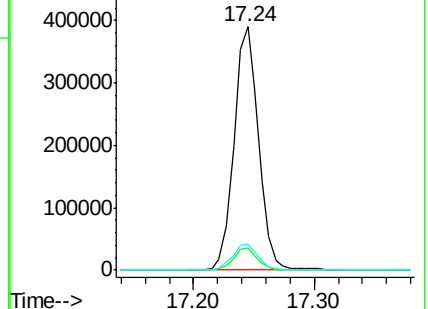
80 10.9 9.3 13.9

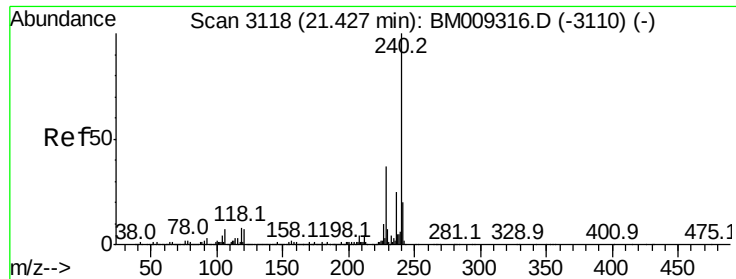


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.42 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM009449.D

Acq: 30 Mar 2017 13:53

Instrument :

BNA_M

ClientSampleId :

QNWP8-MW30D-GWDL2

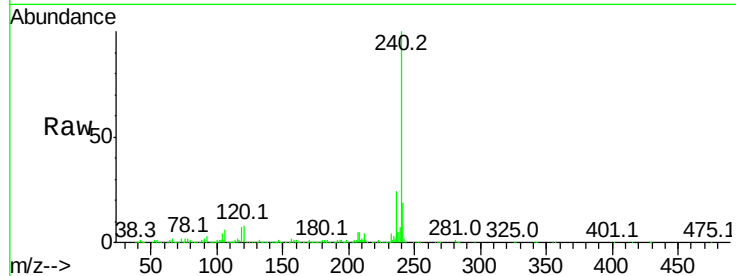
Tot Ion:240 Resp: 780927

Ion	Ratio	Lower	Upper
240	100		
120	8.4	8.2	12.2
236	24.3	20.0	30.0

240 100

120 8.4 8.2 12.2

236 24.3 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

800000

600000

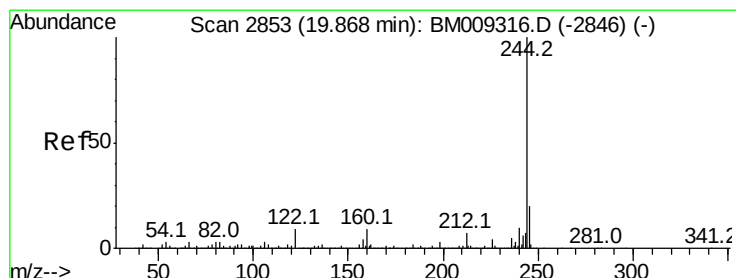
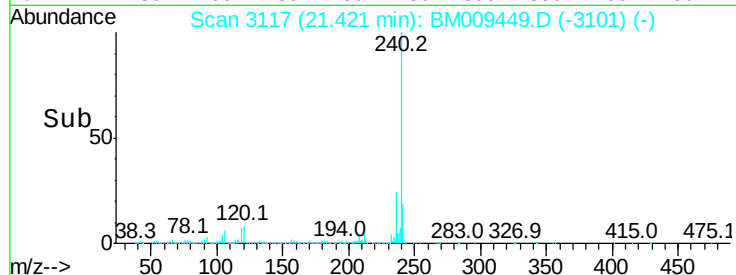
400000

200000

0

Time-->

21.40 21.50



#78

Terphenyl-d14

Concen: 0.75 ng

RT: 19.86 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BM009449.D

Acq: 30 Mar 2017 13:53

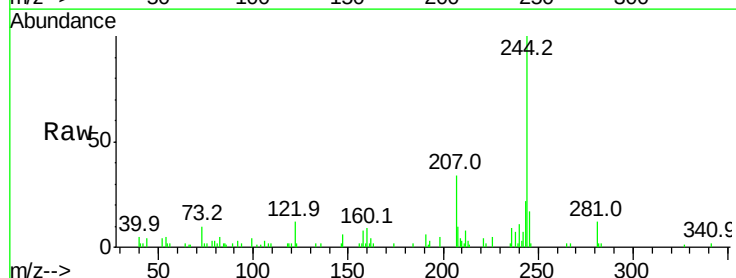
Tgt Ion:244 Resp: 28195

Ion	Ratio	Lower	Upper
244	100		
212	8.4	4.9	7.3#
122	13.3	6.2	9.4#

244 100

212 8.4 4.9 7.3#

122 13.3 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

30000

25000

20000

15000

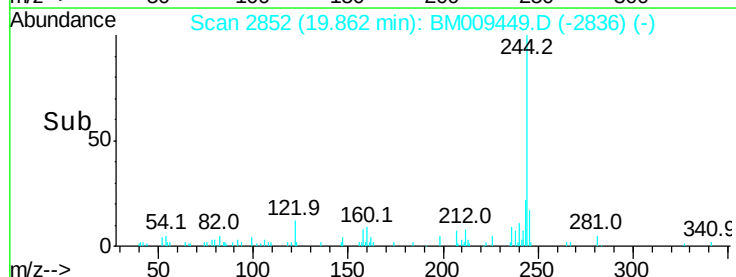
10000

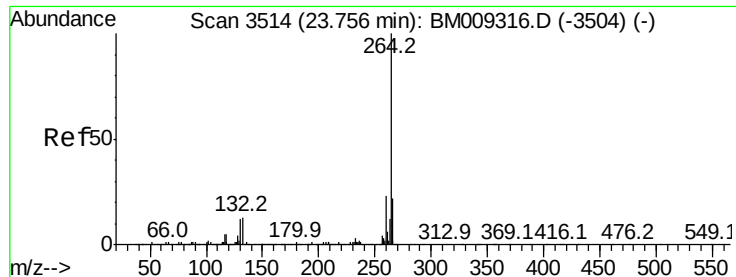
5000

0

Time-->

19.80 19.85 19.90





#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.74 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BM009449.D
Acq: 30 Mar 2017 13:53

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW30D-GWDL2

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.1	18.6	27.8
265	22.0	17.3	25.9

