

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053119\
 Data File : BM020636.D
 Acq On : 31 May 2019 18:22
 Operator : JU/SJ
 Sample : K3065-08DL 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-14-11-12.0DL

Quant Time: Jun 01 03:58:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

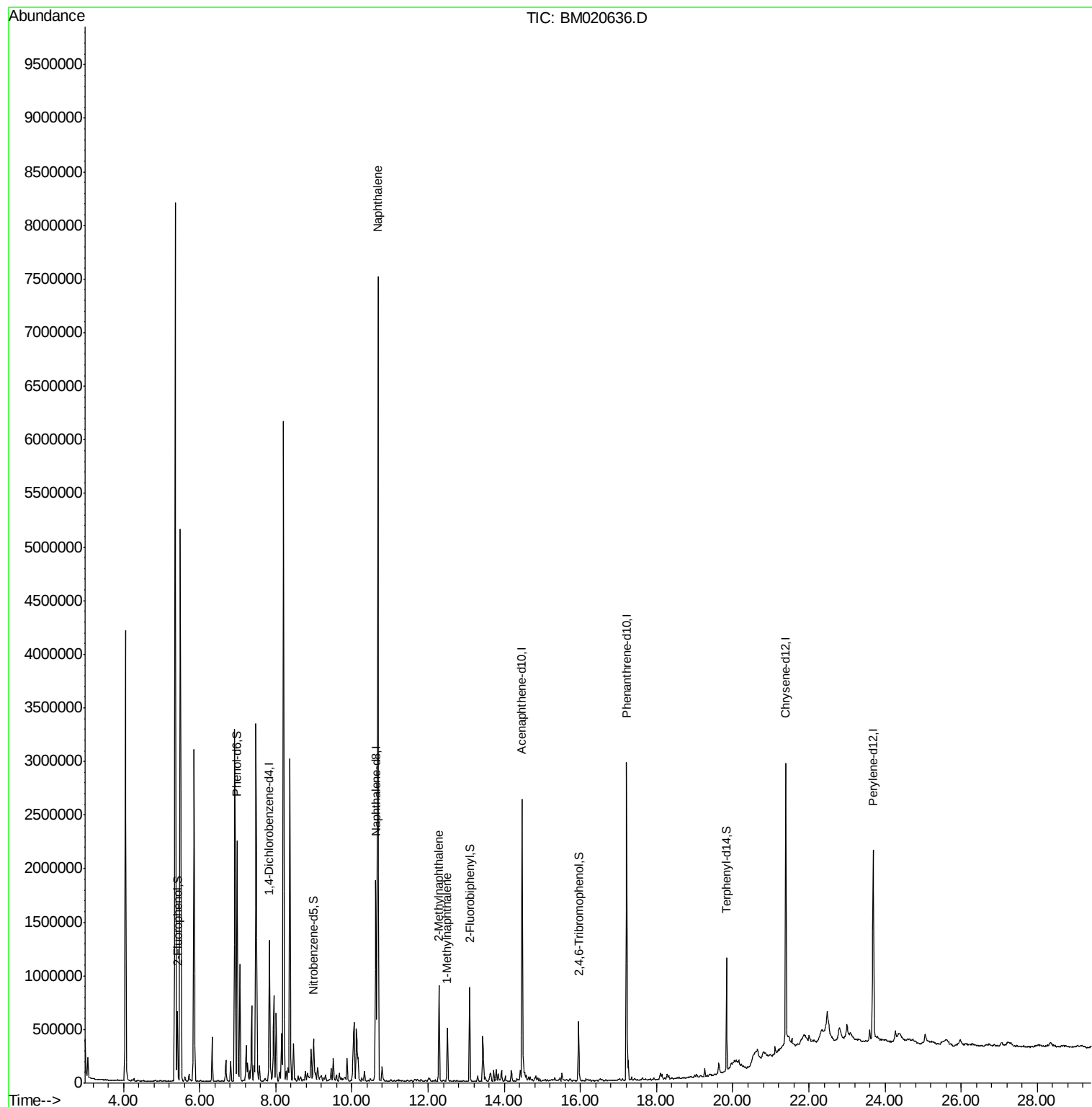
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	338631	20.00	ng	0.00
21) Naphthalene-d8	10.63	136	1508217	20.00	ng	0.00
39) Acenaphthene-d10	14.47	164	840512	20.00	ng	0.00
64) Phenanthrene-d10	17.22	188	1602881	20.00	ng	0.00
76) Chrysene-d12	21.39	240	1103955	20.00	ng	0.00
87) Perylene-d12	23.69	264	1253851	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	257848	13.39	ng	0.00
7) Phenol-d6	6.99	99	377126	13.30	ng	0.00
23) Nitrobenzene-d5	8.99	82	210681	7.24	ng	0.00
42) 2,4,6-Tribromophenol	15.96	330	94026	9.03	ng	0.00
45) 2-Fluorobiphenyl	13.09	172	417420	6.60	ng	0.00
79) Terphenyl-d14	19.84	244	444848	6.74	ng	0.00
Target Compounds						
31) Naphthalene	10.68	128	6073682	78.312	ng	99
37) 2-Methylnaphthalene	12.29	142	402154	6.995	ng	99
38) 1-Methylnaphthalene	12.51	142	221671	4.050	ng	98

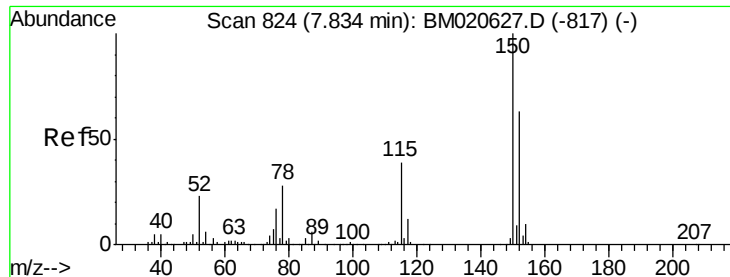
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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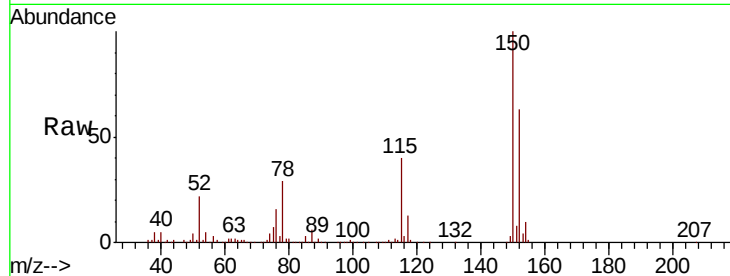


#1

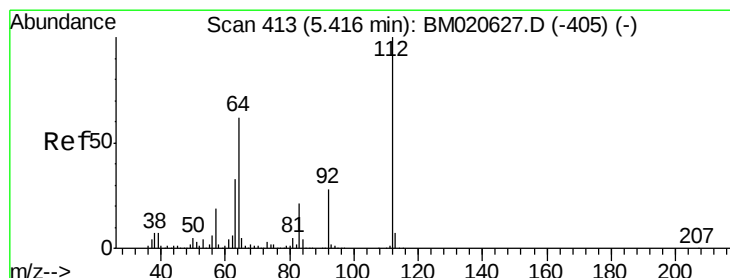
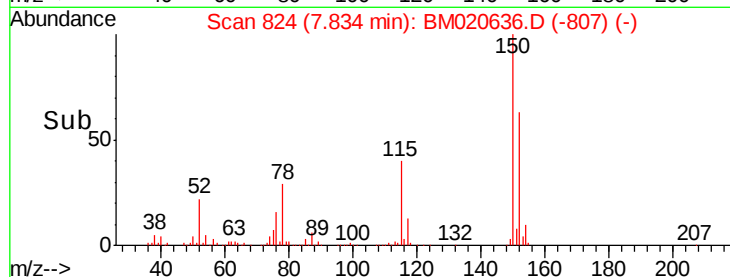
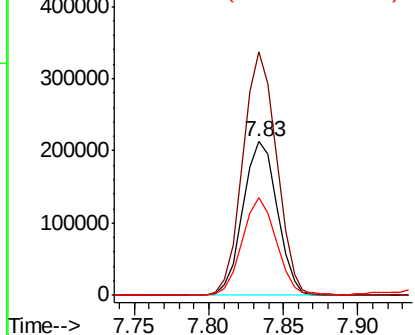
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

Instrument :
BNA_M
ClientSampleId :
B-14-11-12.0DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.0	189.0
115	63.1	49.6	74.4



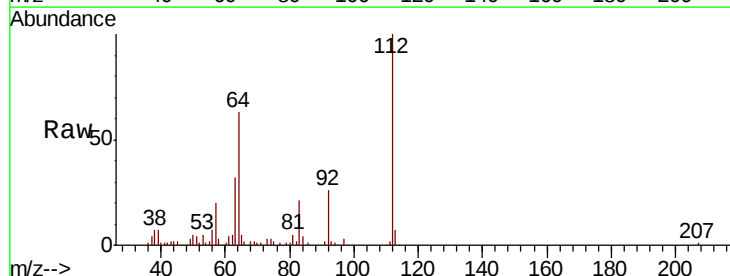
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



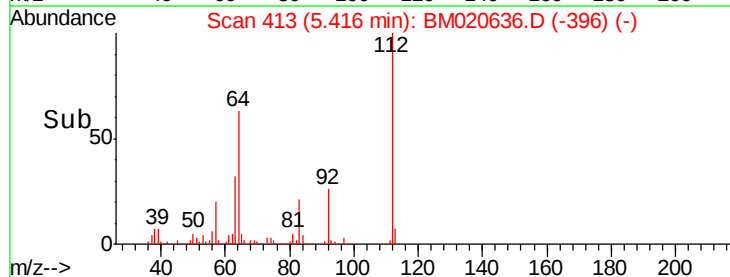
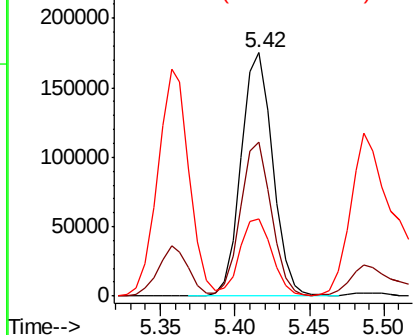
#5

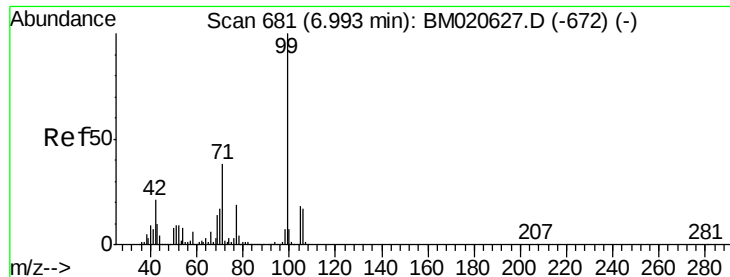
2-Fluorophenol
Concen: 13.394 ng
RT: 5.42 min Scan# 413
Delta R.T. -0.00 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	49.7	74.5
63	31.9	26.4	39.6



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: 13.304 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM020636.D

Acq: 31 May 2019 18:22

Instrument :

BNA_M

ClientSampleId :

B-14-11-12.0DL

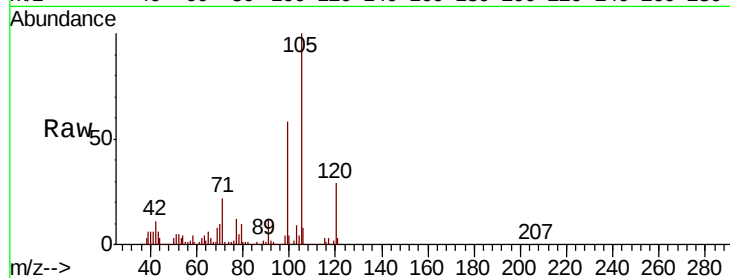
Tot Ion: 99 Resp: 377126

Ion Ratio Lower Upper

99 100

42 19.2 16.5 24.7

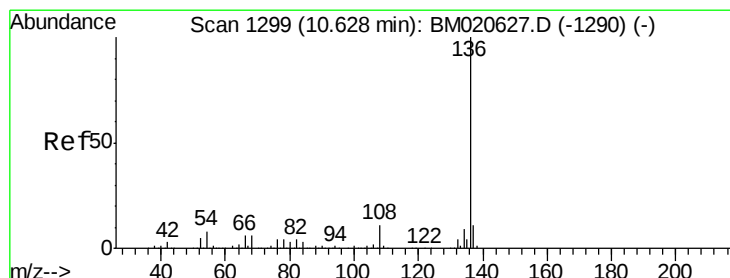
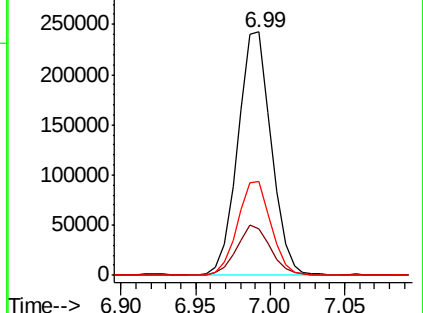
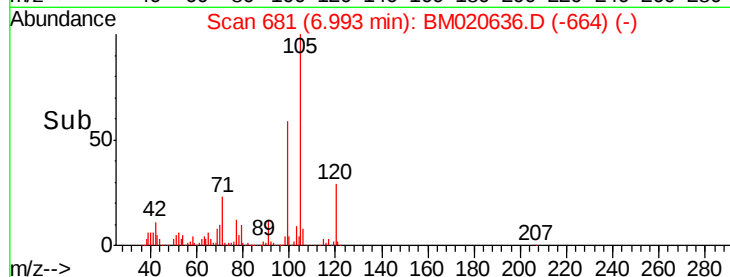
71 38.5 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BM020636.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020636.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020636.D (-664) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.63 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BM020636.D

Acq: 31 May 2019 18:22

Tgt Ion: 136 Resp: 1508217

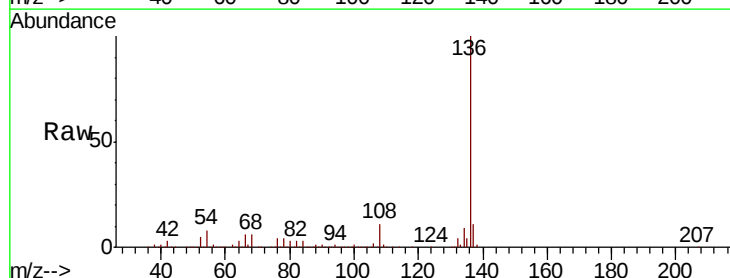
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.2 6.6 10.0

68 6.2 5.1 7.7

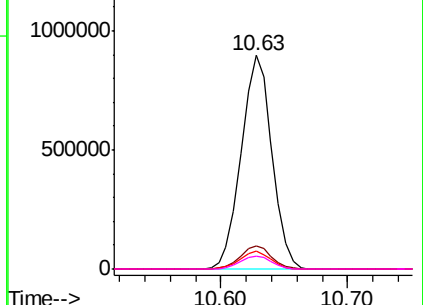
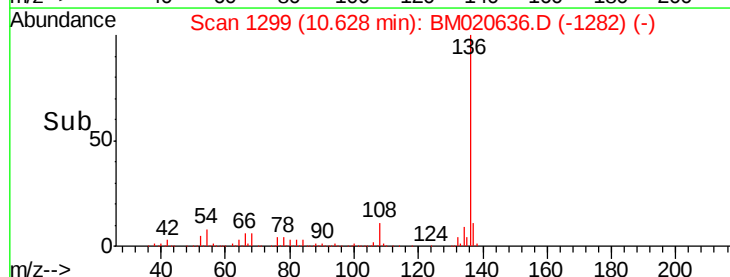


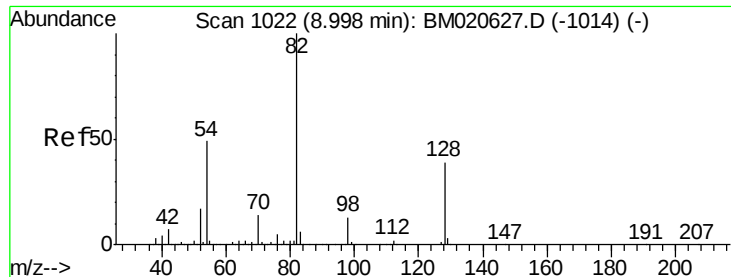
Abundance Ion 136.00 (135.70 to 136.70): BM020636.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM020636.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM020636.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM020636.D (-1282) (-)

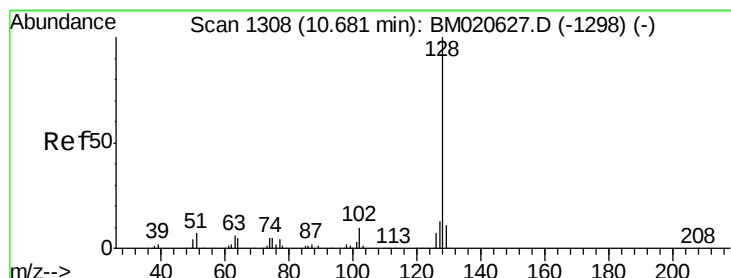
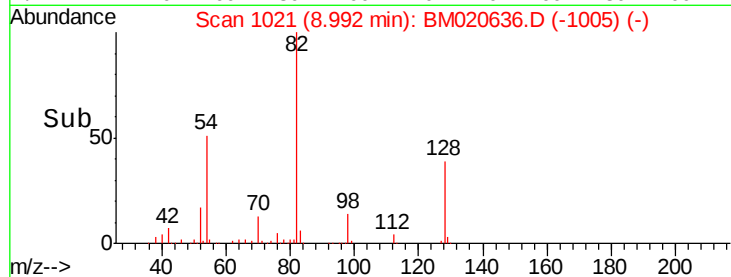
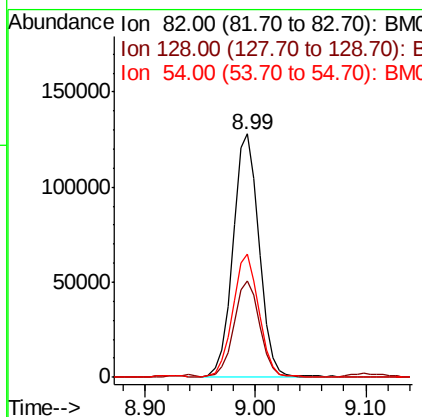
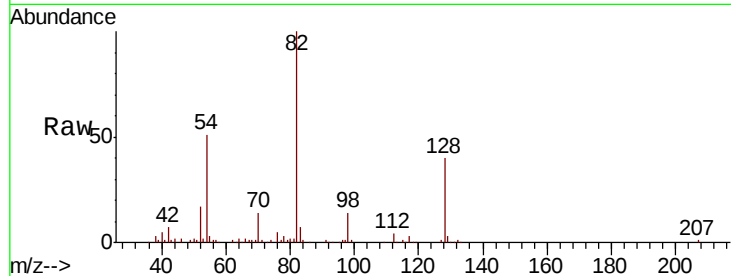




#23
 Nitrobenzene-d5
 Concen: 7.238 ng
 RT: 8.99 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BM020636.D
 Acq: 31 May 2019 18:22

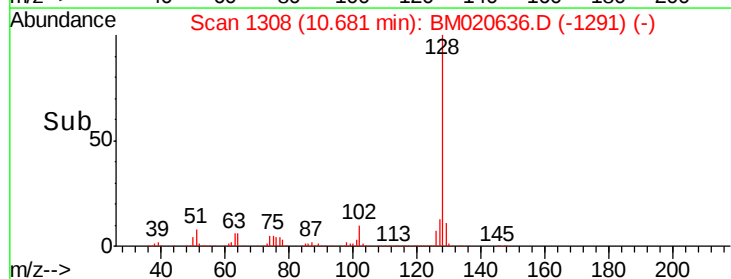
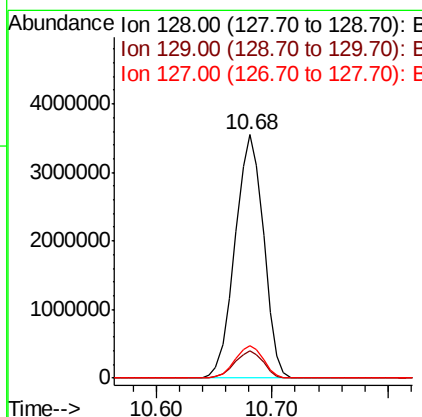
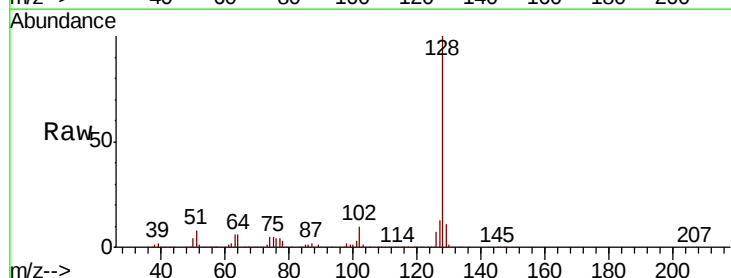
Instrument :
 BNA_M
 ClientSampleId :
 B-14-11-12.0DL

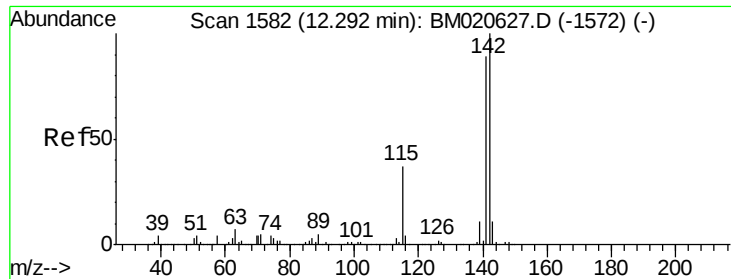
Tot Ion	82	Resp	210681
Ion Ratio	100		
Lower		31.5	
Upper		47.3	
128	39.6		
54	50.8	39.4	59.0



#31
 Naphthalene
 Concen: 78.312 ng
 RT: 10.68 min Scan# 1308
 Delta R.T. -0.00 min
 Lab File: BM020636.D
 Acq: 31 May 2019 18:22

Tgt Ion	128	Resp	6073682
Ion Ratio	100		
Lower		8.7	
Upper		13.1	
129	11.2		
127	13.4	10.3	15.5

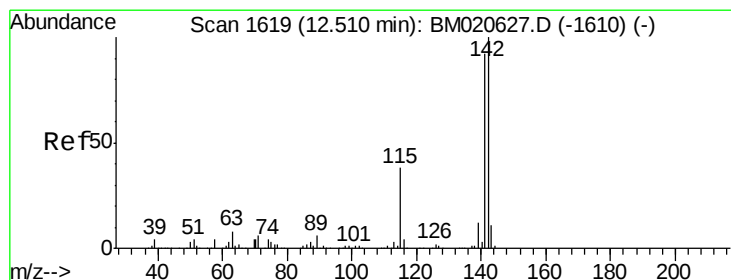
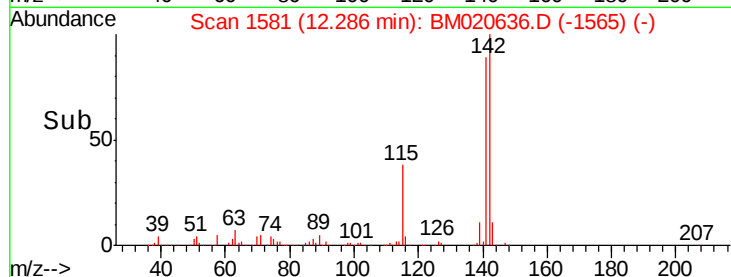
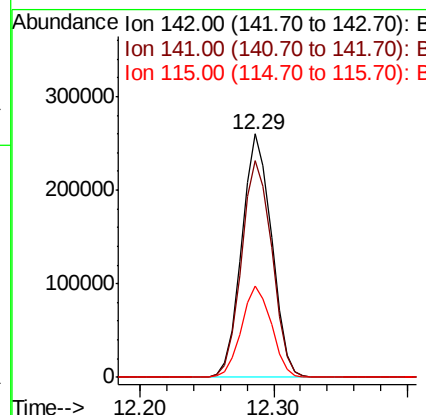
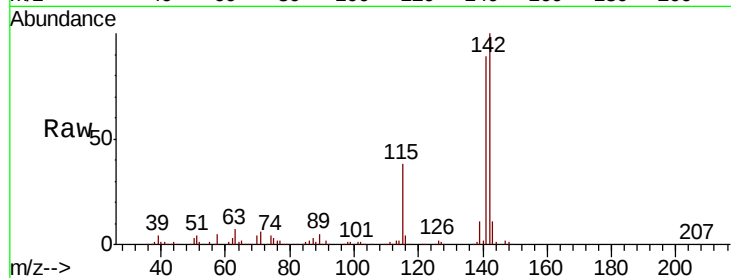




#37
2-Methylnaphthalene
Concen: 6.995 ng
RT: 12.29 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

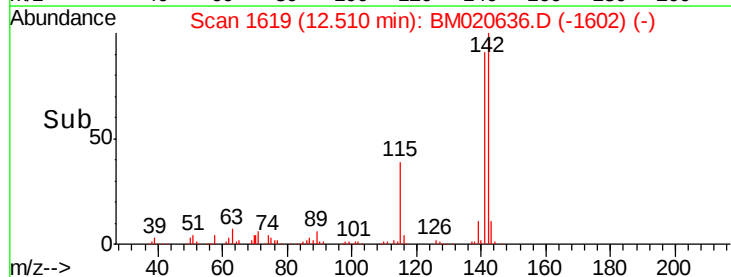
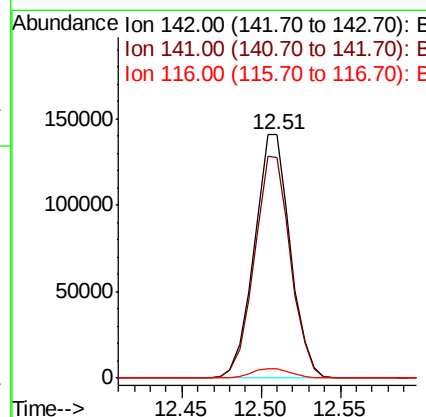
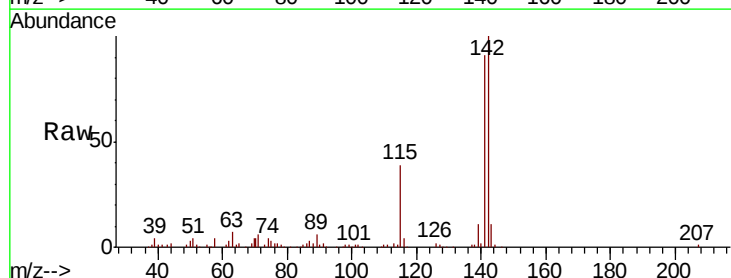
Instrument :
BNA_M
ClientSampleId :
B-14-11-12.0DL

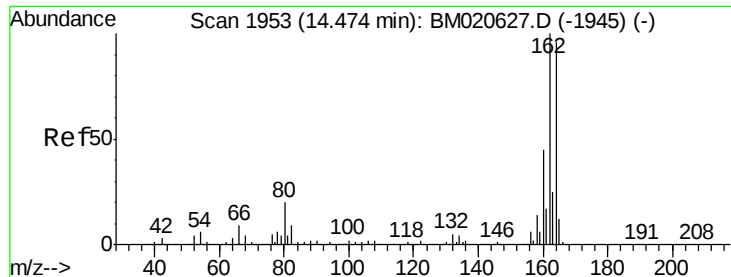
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.6	107.4
115	37.7	29.6	44.4



#38
1-Methylnaphthalene
Concen: 4.050 ng
RT: 12.51 min Scan# 1619
Delta R.T. 0.00 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.9	110.9
116	3.7	3.2	4.8

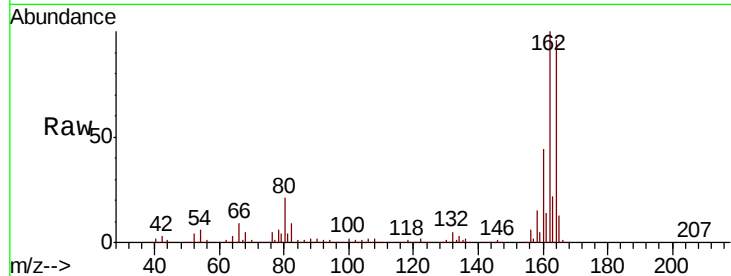




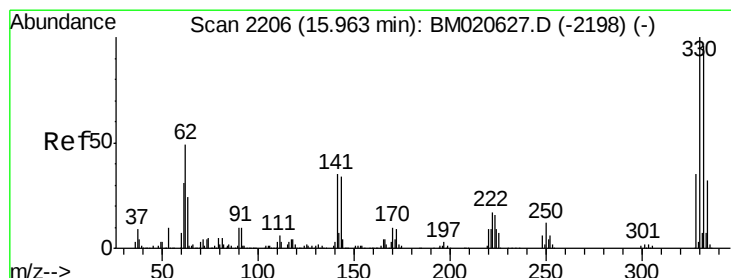
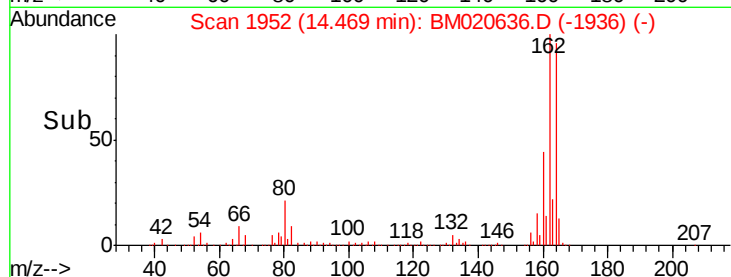
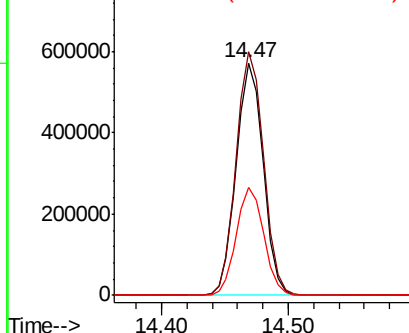
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.47 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

Instrument :
BNA_M
ClientSampleId :
B-14-11-12.0DL

Tot Ion:164 Resp: 840512
Ion Ratio Lower Upper
164 100
162 104.7 83.2 124.8
160 46.3 37.5 56.3

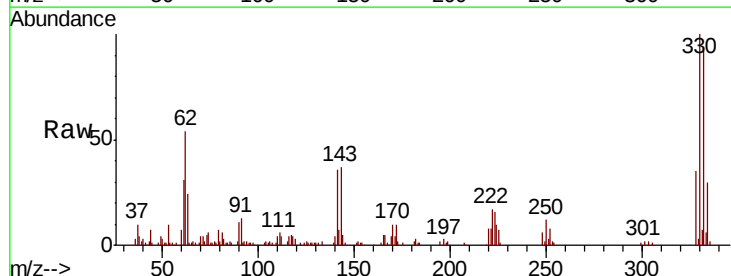


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

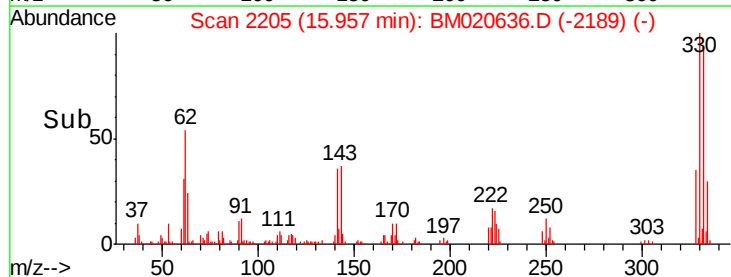
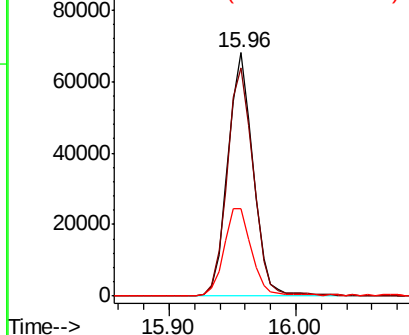


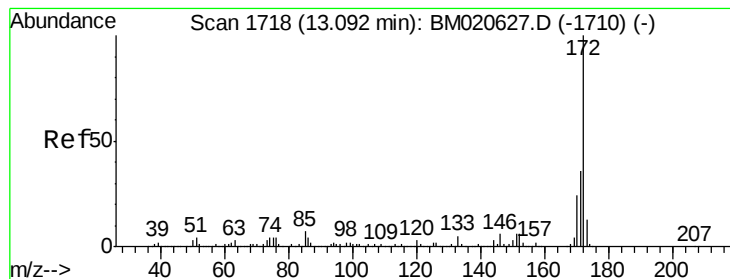
#42
2,4,6-Tribromophenol
Concen: 9.029 ng
RT: 15.96 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

Tgt Ion:330 Resp: 94026
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.0
141 39.1 30.4 45.6



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





#45

2-Fluorobiphenyl

Concen: 6.602 ng

RT: 13.09 min Scan# 1718

Delta R.T. -0.00 min

Lab File: BM020636.D

Acq: 31 May 2019 18:22

Instrument :

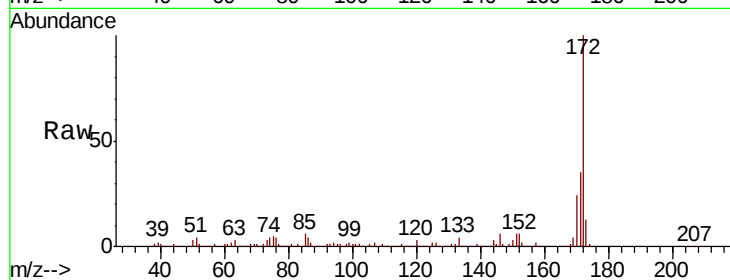
BNA_M

ClientSampleId :

B-14-11-12.0DL

Tot Ion:172 Resp: 417420

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	43.0
170	23.9	18.9	28.3

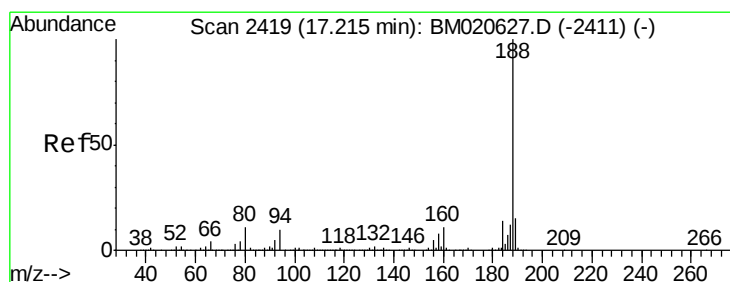
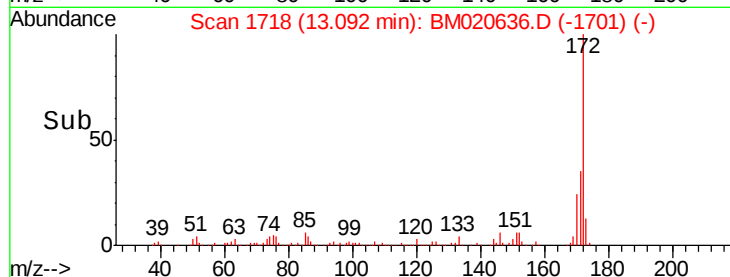
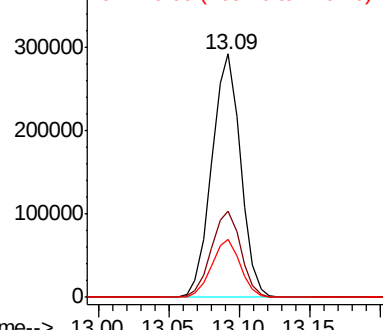


Abundance

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.22 min Scan# 2419

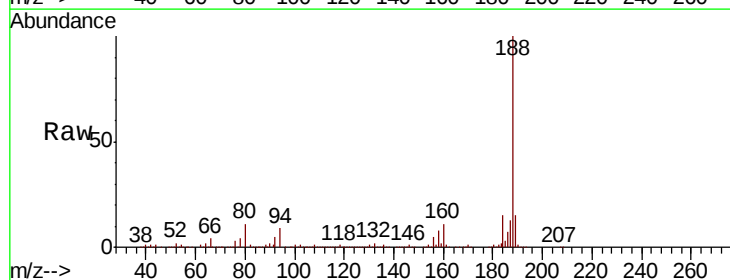
Delta R.T. -0.00 min

Lab File: BM020636.D

Acq: 31 May 2019 18:22

Tgt Ion:188 Resp: 1602881

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.8	11.8
80	10.8	9.0	13.6

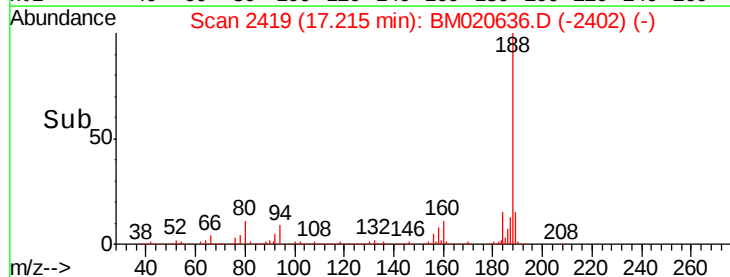
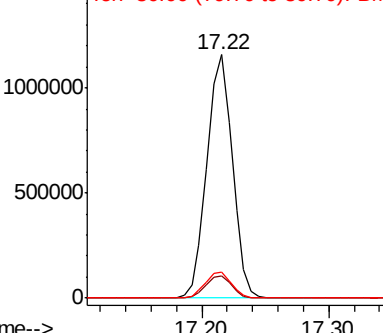


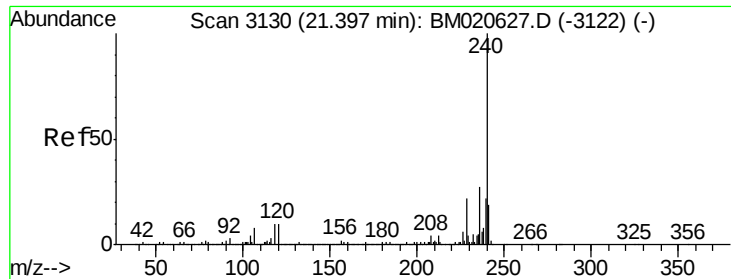
Abundance

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

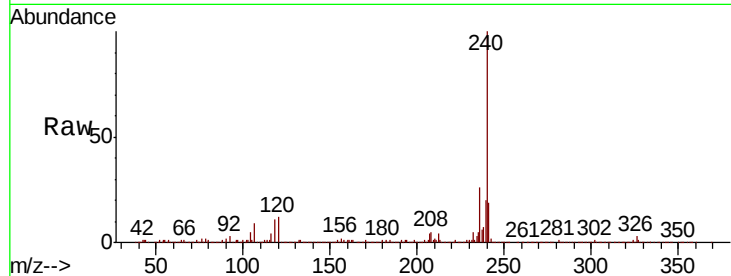




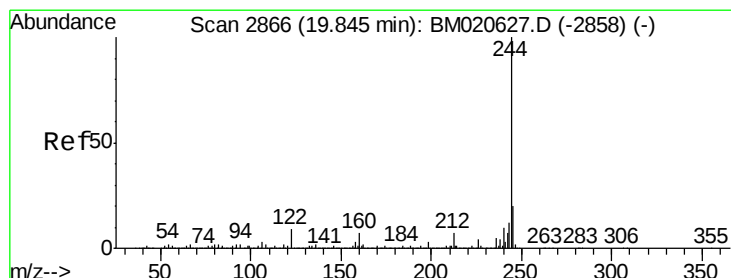
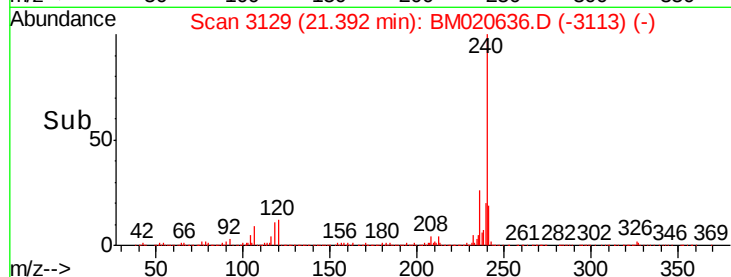
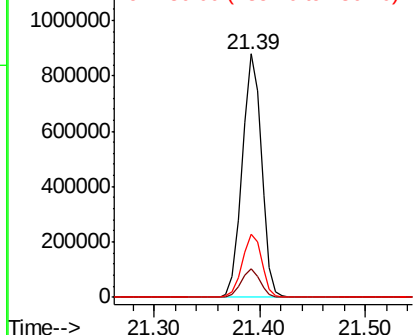
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.39 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

Instrument :
BNA_M
ClientSampleId :
B-14-11-12.0DL

Tot Ion:240 Resp: 1103955
Ion Ratio Lower Upper
240 100
120 11.6 8.2 12.2
236 26.0 21.2 31.8

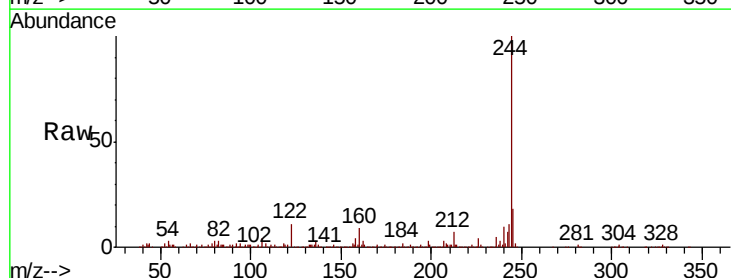


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

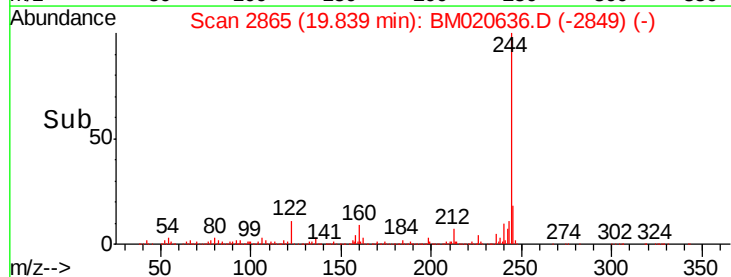
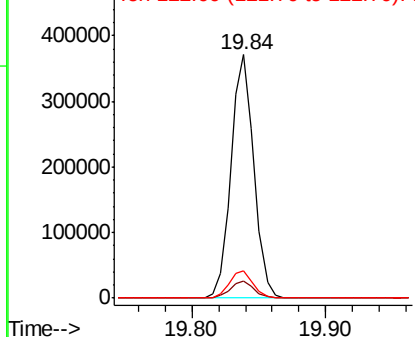


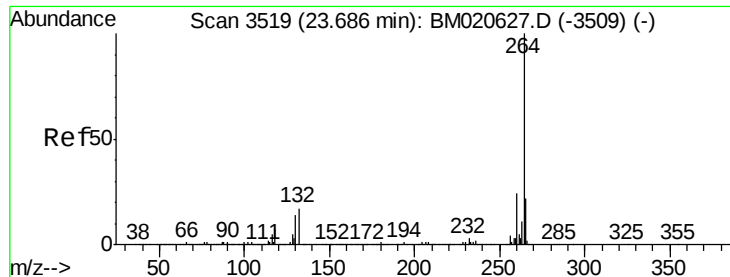
#79
Terphenyl-d14
Concen: 6.740 ng
RT: 19.84 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

Tgt Ion:244 Resp: 444848
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 11.3 7.2 10.8#



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





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.69 min Scan# 3520
Delta R.T. 0.01 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

Instrument :
BNA_M
ClientSampleId :
B-14-11-12.0DL

Tot Ion:264 Resp: 1253851

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.2	17.6	26.4

