

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053119\
 Data File : BM020637.D
 Acq On : 31 May 2019 18:59
 Operator : JU/SJ
 Sample : K3065-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-16-COMP

Quant Time: Jun 01 04:00:24 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

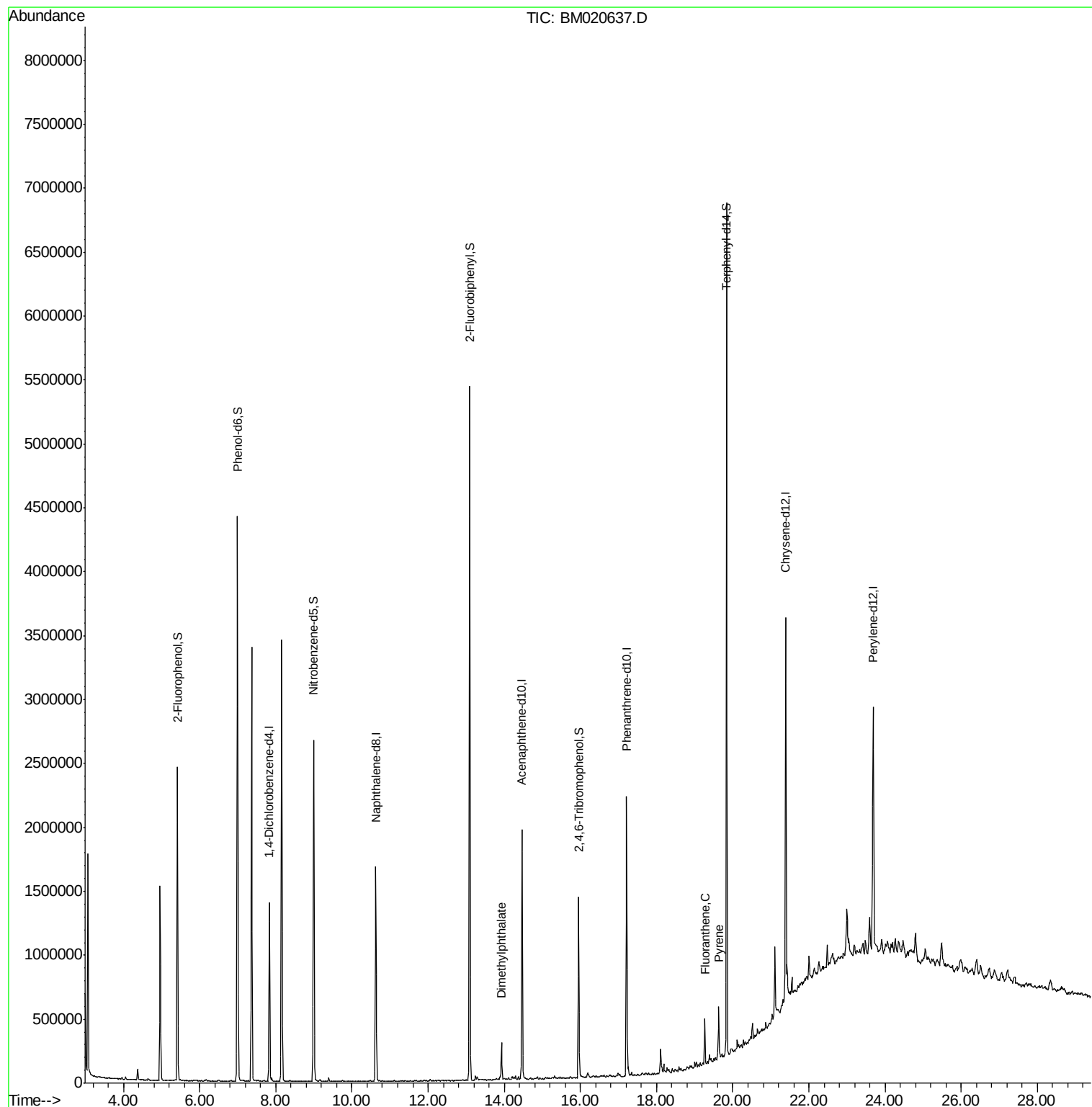
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	357980	20.00	ng	0.00
21) Naphthalene-d8	10.63	136	1317808	20.00	ng	0.00
39) Acenaphthene-d10	14.47	164	604213	20.00	ng	0.00
64) Phenanthrene-d10	17.22	188	1210906	20.00	ng	0.00
76) Chrysene-d12	21.39	240	1192587	20.00	ng	0.00
87) Perylene-d12	23.69	264	1395432	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	948118	46.59	ng	0.00
7) Phenol-d6	7.00	99	2371370	79.14	ng	0.00
23) Nitrobenzene-d5	8.99	82	1559427	61.31	ng	0.00
42) 2,4,6-Tribromophenol	15.96	330	240862	32.17	ng	0.00
45) 2-Fluorobiphenyl	13.09	172	2546078	56.02	ng	0.00
79) Terphenyl-d14	19.84	244	2931114	41.11	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.93	163	167996	3.254	ng	100
75) Fluoranthene	19.27	202	192723	2.525	ng	98
78) Pyrene	19.63	202	226588	2.476	ng	98

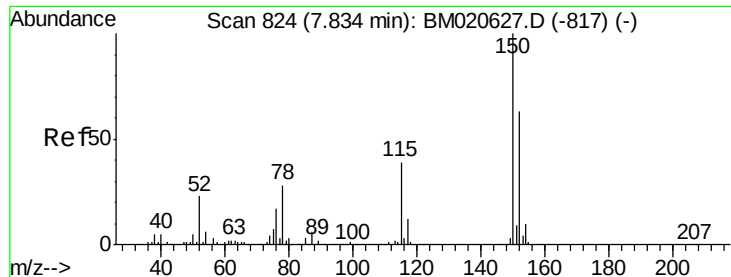
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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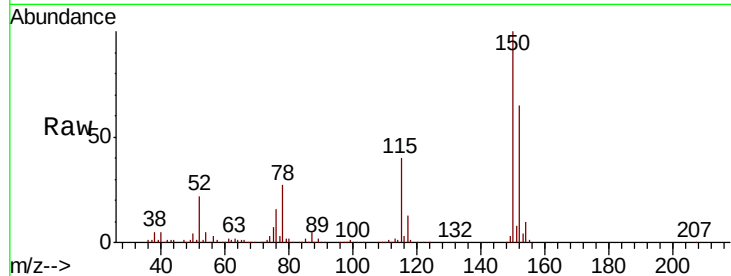


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 824
Delta R.T. -0.00 min
Lab File: BM020637.D
Acq: 31 May 2019 18:59

Instrument :
BNA_M
ClientSampleId :
B-16-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.0	189.0
115	61.2	49.6	74.4

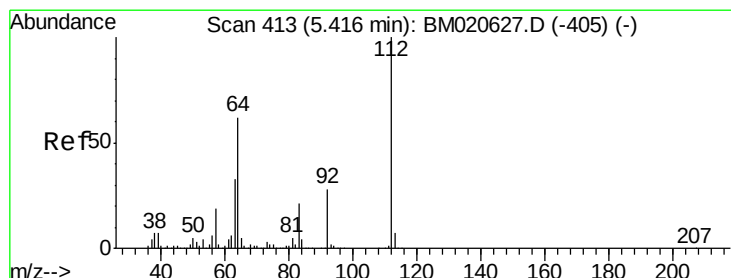
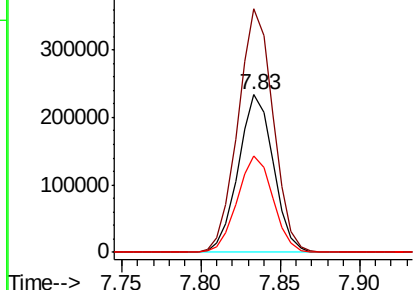
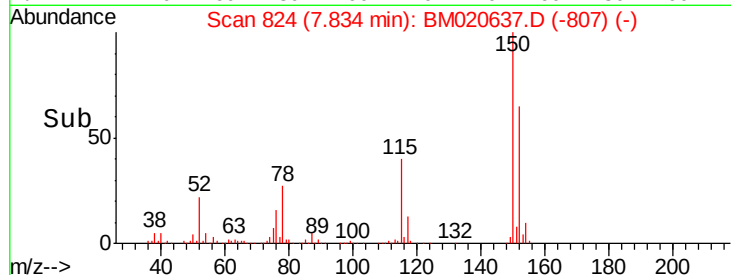


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

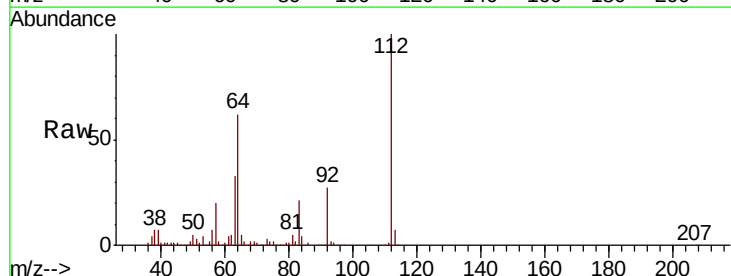
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 46.589 ng
RT: 5.42 min Scan# 413
Delta R.T. -0.00 min
Lab File: BM020637.D
Acq: 31 May 2019 18:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	49.7	74.5
63	32.6	26.4	39.6

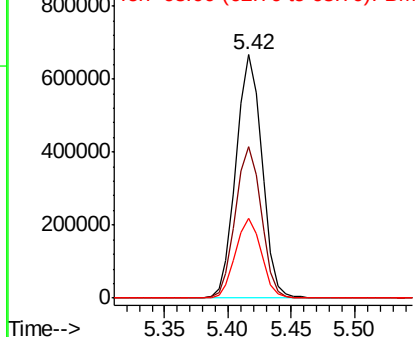
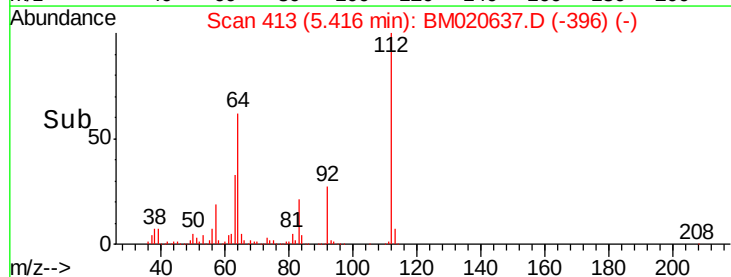


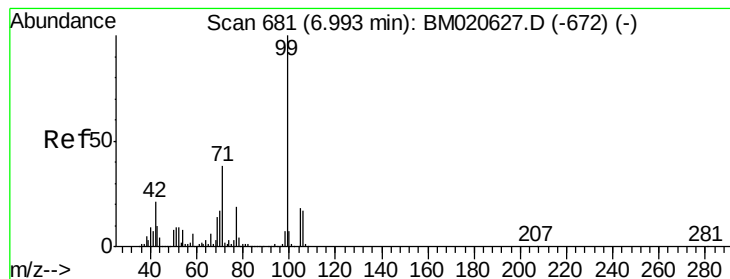
Abundance

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: 79.137 ng

RT: 7.00 min Scan# 682

Delta R.T. 0.01 min

Lab File: BM020637.D

Acq: 31 May 2019 18:59

Instrument :

BNA_M

ClientSampleId :

B-16-COMP

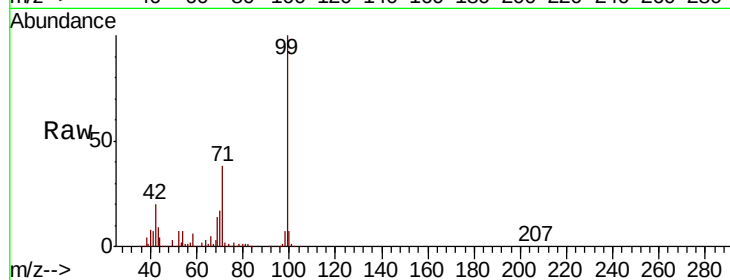
Tot Ion: 99 Resp: 2371370

Ion Ratio Lower Upper

99 100

42 19.8 16.5 24.7

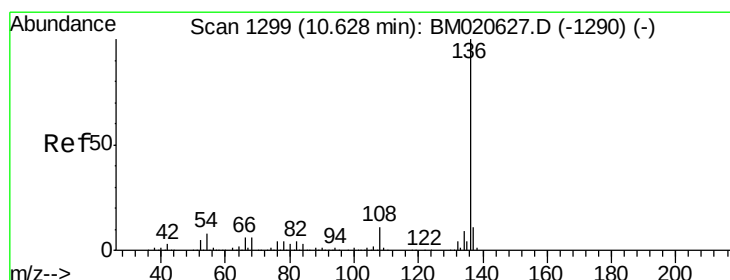
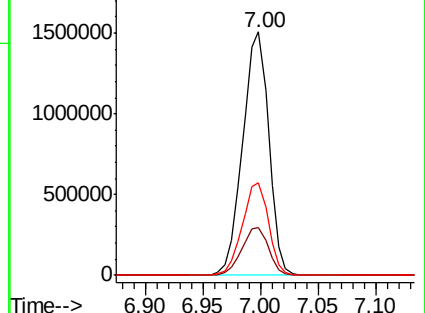
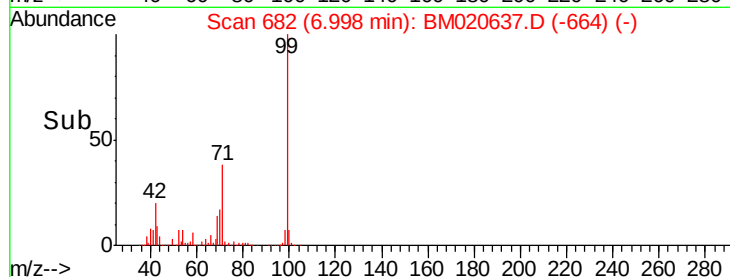
71 38.0 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BM020637.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020637.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020637.D (-664) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.63 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BM020637.D

Acq: 31 May 2019 18:59

Tgt Ion: 136 Resp: 1317808

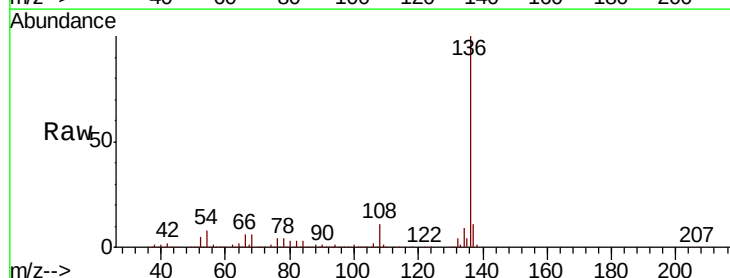
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 8.0 6.6 10.0

68 6.1 5.1 7.7

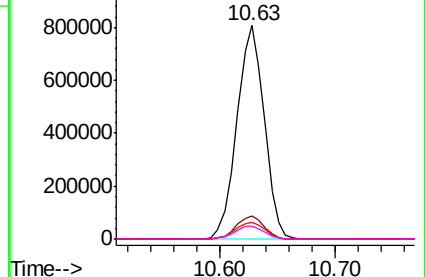
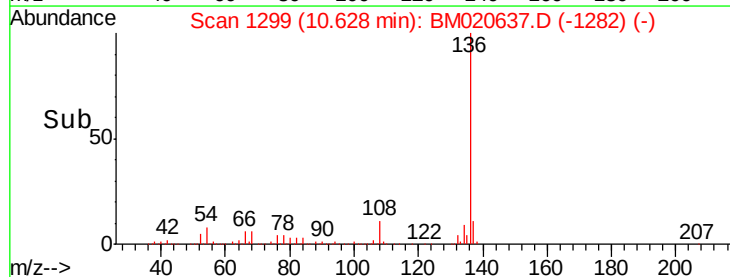


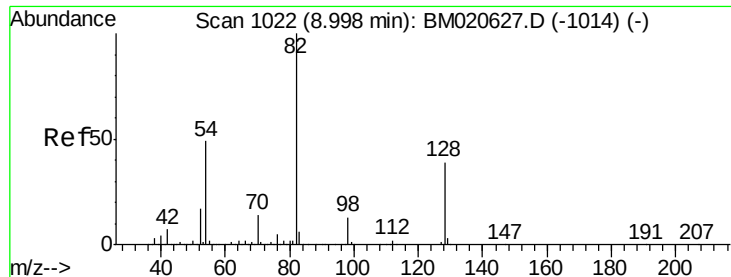
Abundance Ion 136.00 (135.70 to 136.70): BM020637.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM020637.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM020637.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM020637.D (-1282) (-)

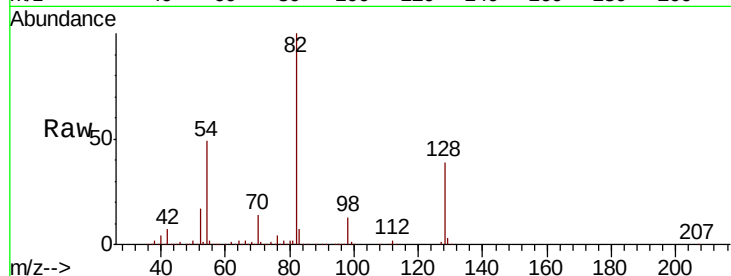




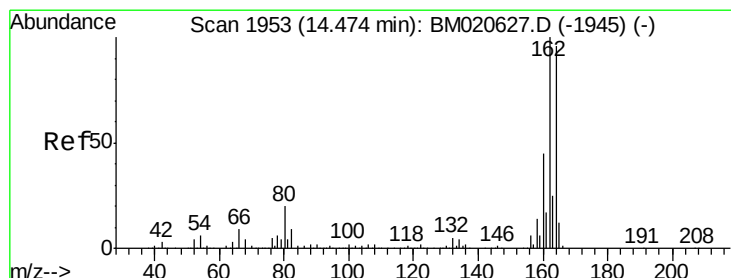
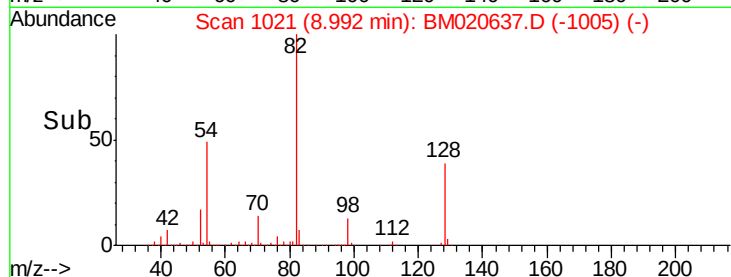
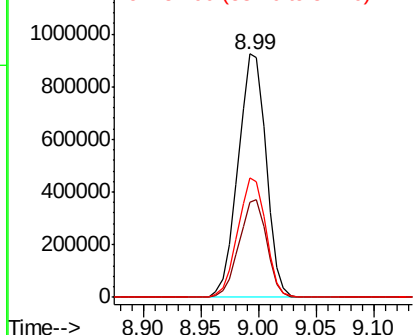
#23
Nitrobenzene-d5
Concen: 61.311 ng
RT: 8.99 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BM020637.D
Acq: 31 May 2019 18:59

Instrument :
BNA_M
ClientSampleId :
B-16-COMP

Tot Ion: 82 Resp: 1559427
Ion Ratio Lower Upper
82 100
128 39.3 31.5 47.3
54 49.1 39.4 59.0

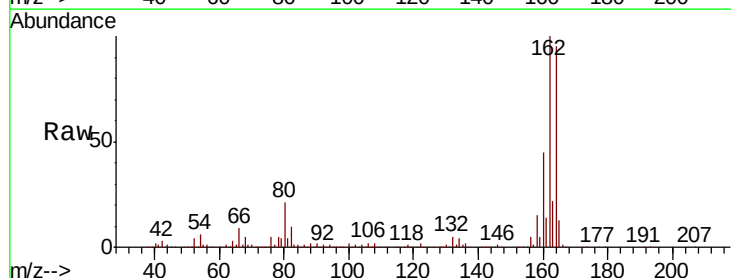


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM0

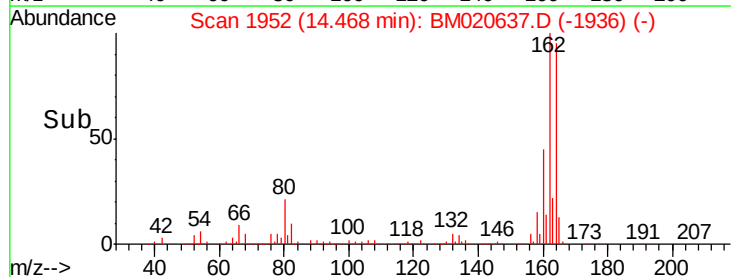
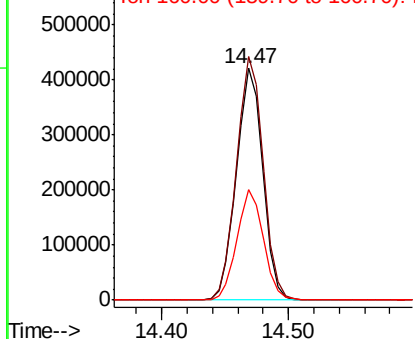


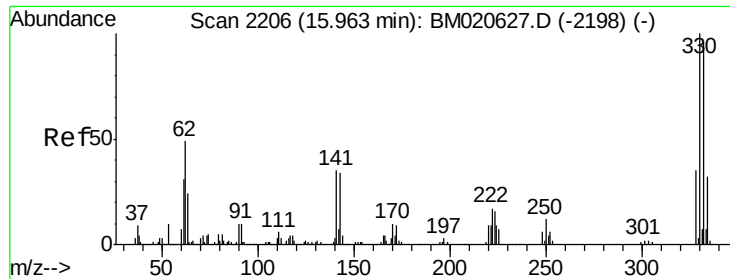
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.47 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BM020637.D
Acq: 31 May 2019 18:59

Tgt Ion:164 Resp: 604213
Ion Ratio Lower Upper
164 100
162 105.1 83.2 124.8
160 47.8 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

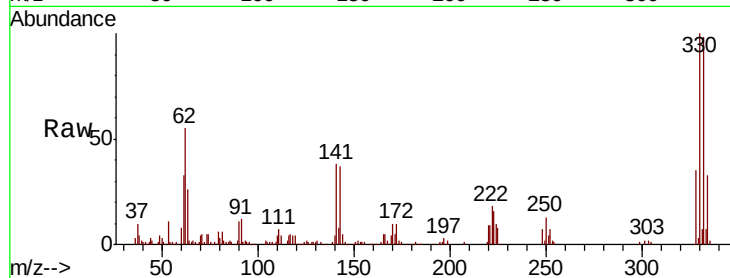




#42
 2,4,6-Tribromophenol
 Concen: 32.174 ng
 RT: 15.96 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BM020637.D
 Acq: 31 May 2019 18:59

Instrument :
 BNA_M
 ClientSampleId :
 B-16-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.4	116.0
141	40.4	30.4	45.6

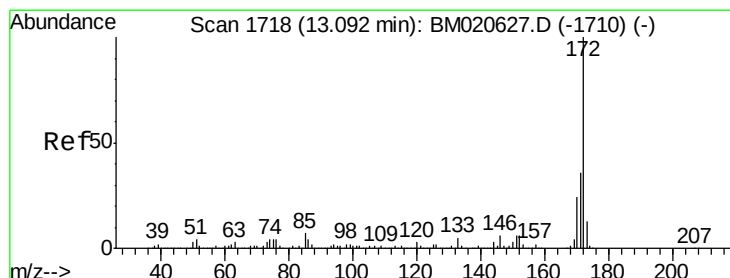
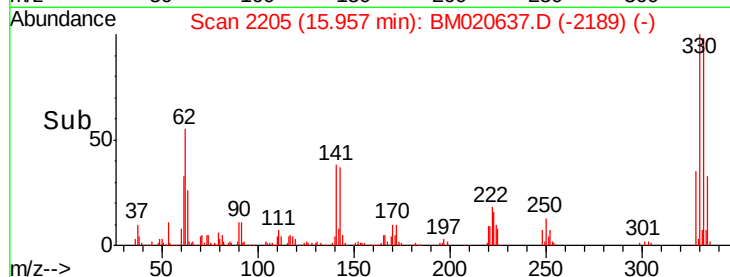
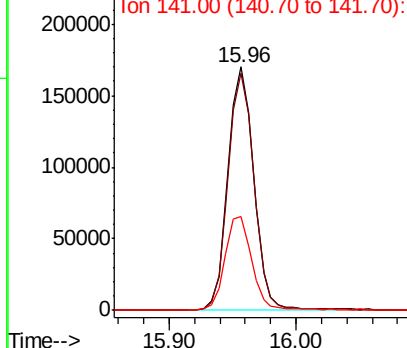


Abundance

Ion 329.80 (329.50 to 330.50): E

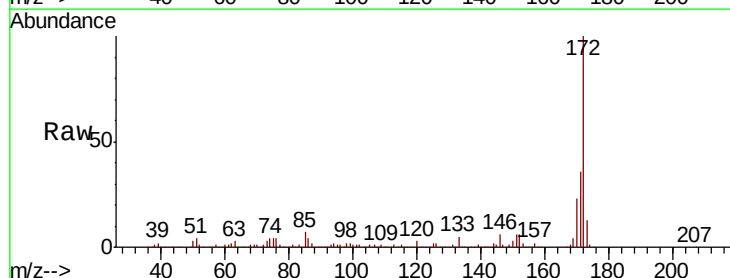
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 56.021 ng
 RT: 13.09 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BM020637.D
 Acq: 31 May 2019 18:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.3	18.9	28.3

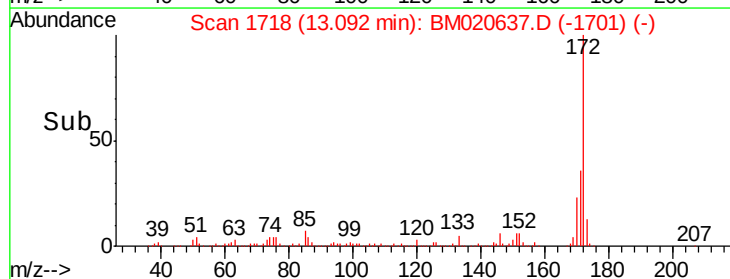
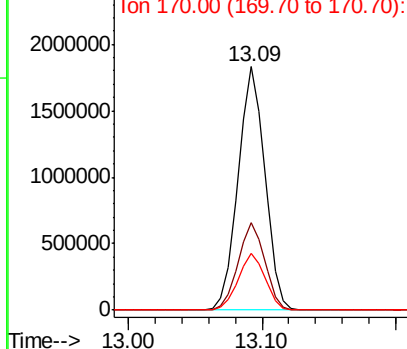


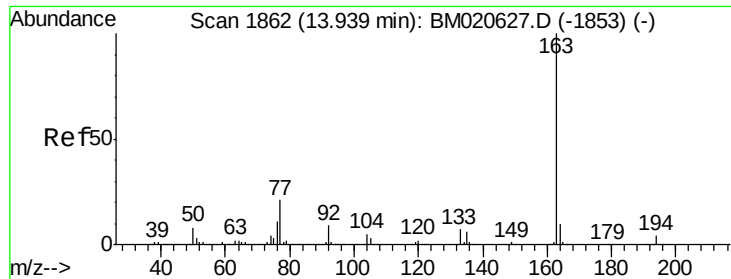
Abundance

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





#50

Dimethylphthalate

Concen: 3.254 ng

RT: 13.93 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BM020637.D

Acq: 31 May 2019 18:59

Instrument :

BNA_M

ClientSampleId :

B-16-COMP

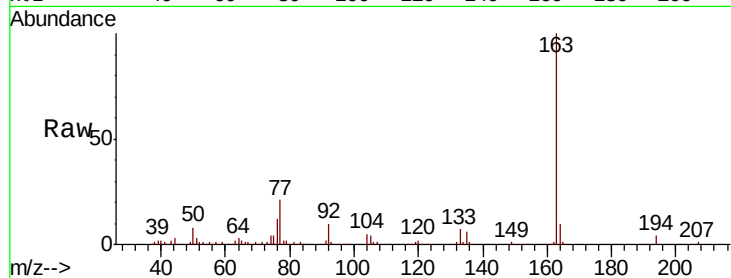
Tot Ion:163 Resp: 167996

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

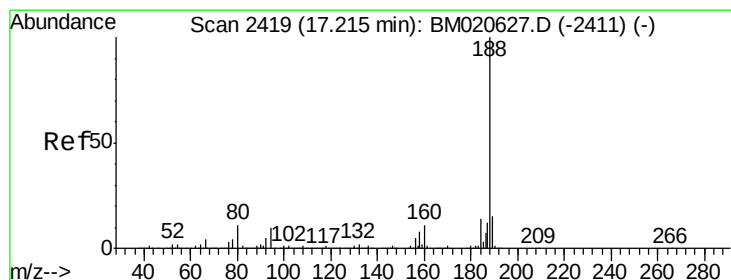
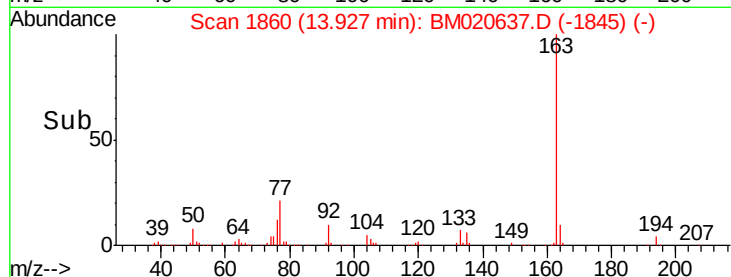
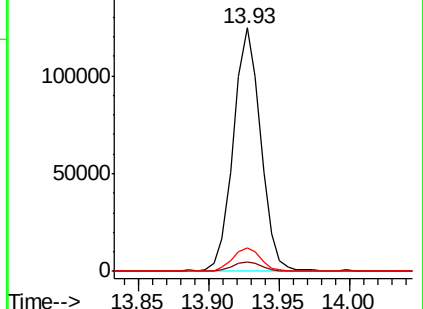
164 9.8 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.22 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BM020637.D

Acq: 31 May 2019 18:59

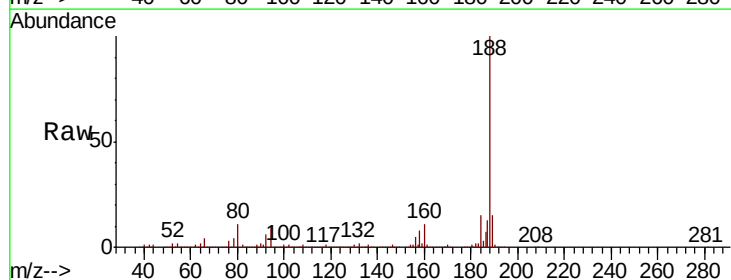
Tgt Ion:188 Resp: 1210906

Ion Ratio Lower Upper

188 100

94 9.5 7.8 11.8

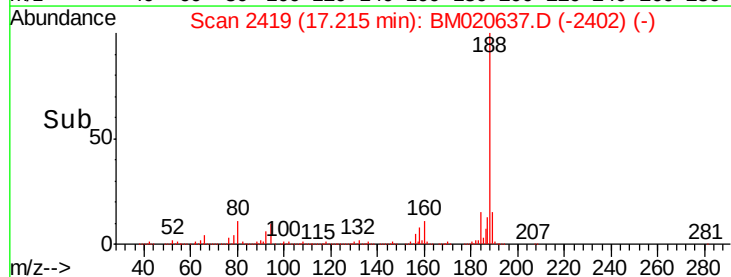
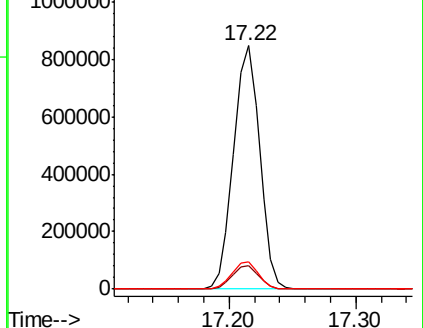
80 11.2 9.0 13.6

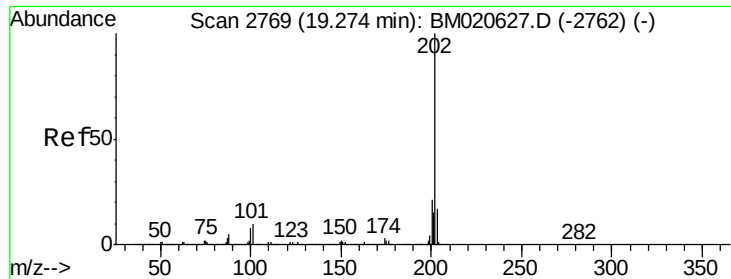


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Fluoranthene

Concen: 2.525 ng

RT: 19.27 min Scan# 2768

Delta R.T. -0.01 min

Lab File: BM020637.D

Acq: 31 May 2019 18:59

Instrument :

BNA_M

ClientSampleId :

B-16-COMP

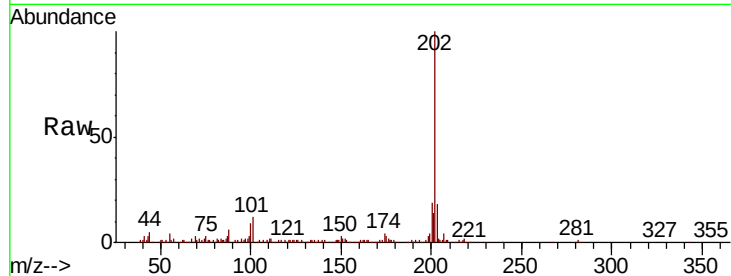
Tot Ion:202 Resp: 192723

Ion Ratio Lower Upper

202 100

101 11.6 0.0 30.4

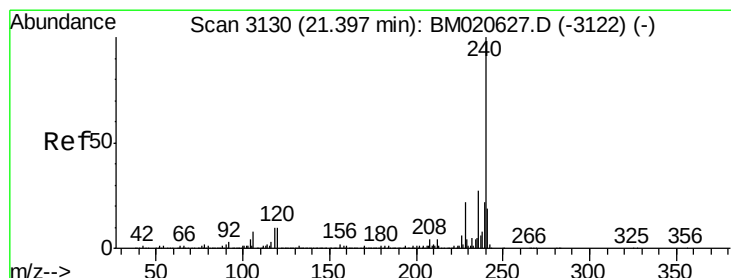
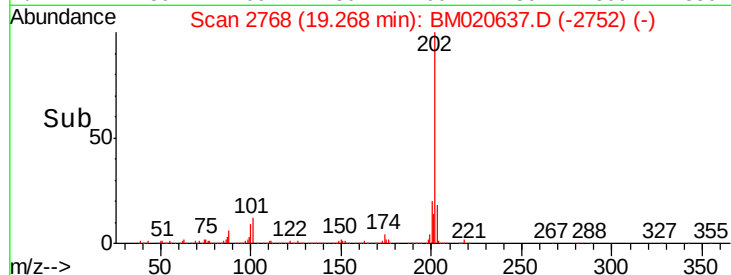
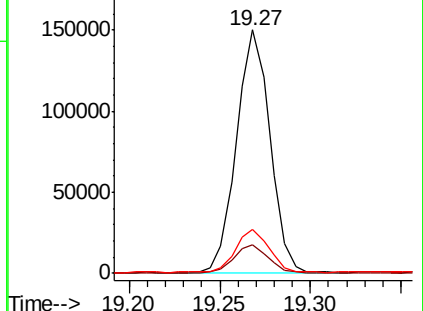
203 18.1 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.39 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BM020637.D

Acq: 31 May 2019 18:59

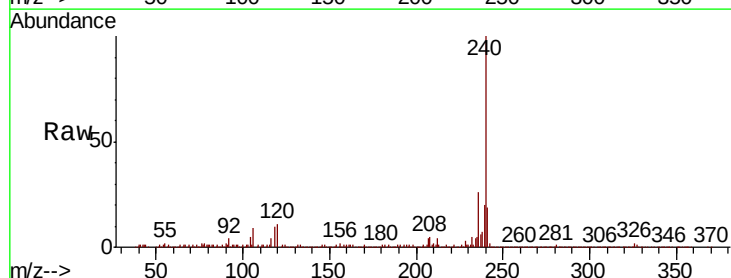
Tgt Ion:240 Resp: 1192587

Ion Ratio Lower Upper

240 100

120 10.9 8.2 12.2

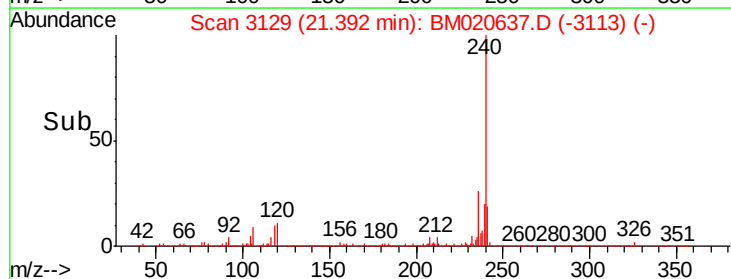
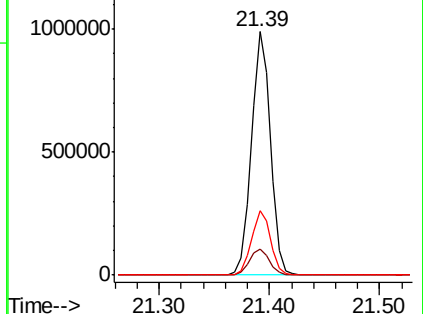
236 26.4 21.2 31.8

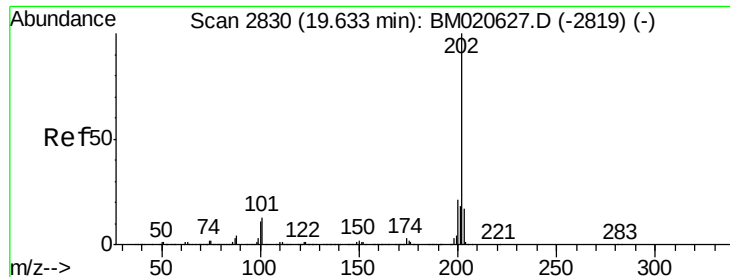


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

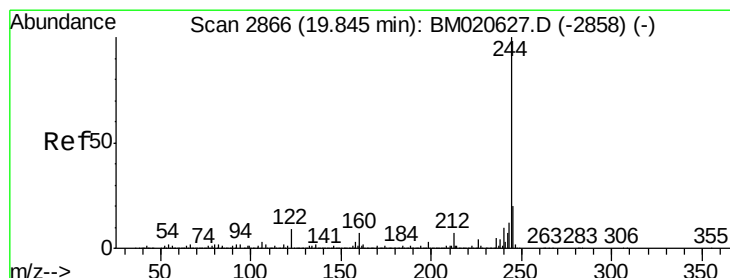
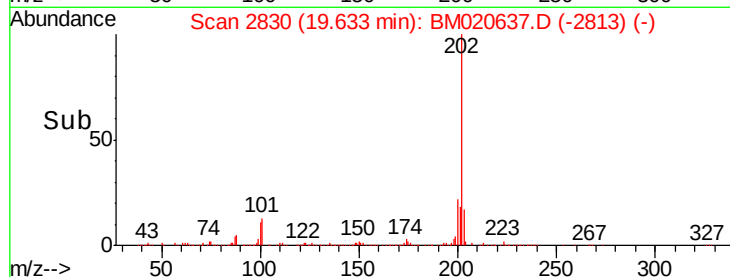
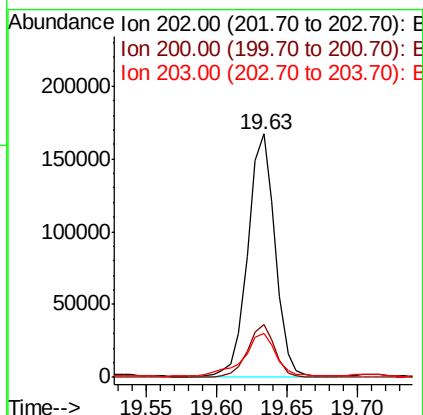
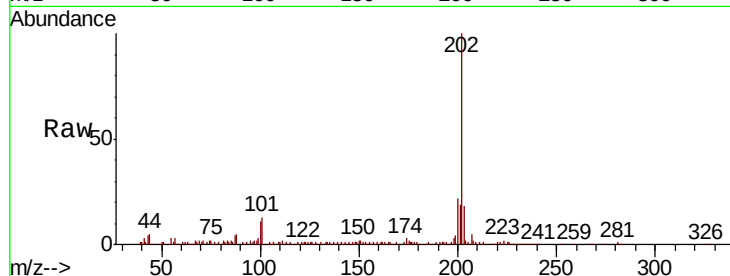




#78
Pvrene
Concen: 2.476 ng
RT: 19.63 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BM020637.D
Acq: 31 May 2019 18:59

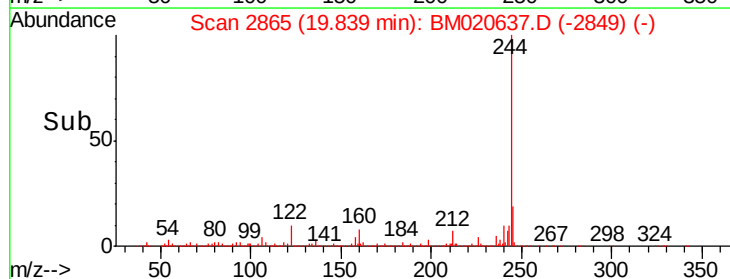
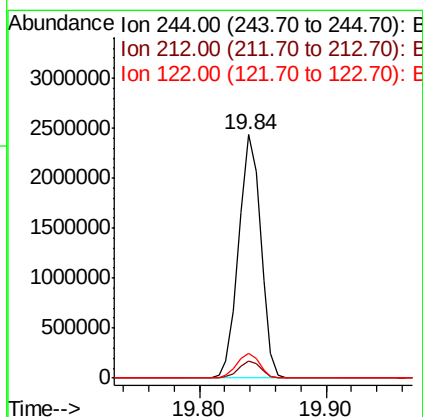
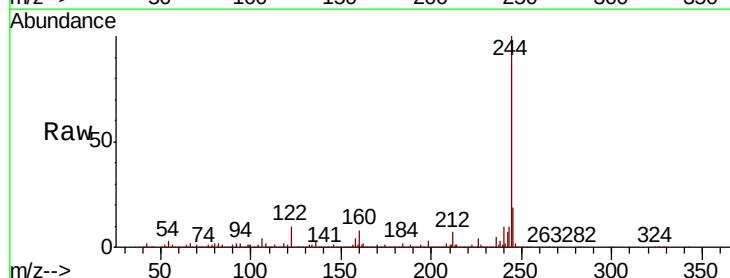
Instrument :
BNA_M
ClientSampleId :
B-16-COMP

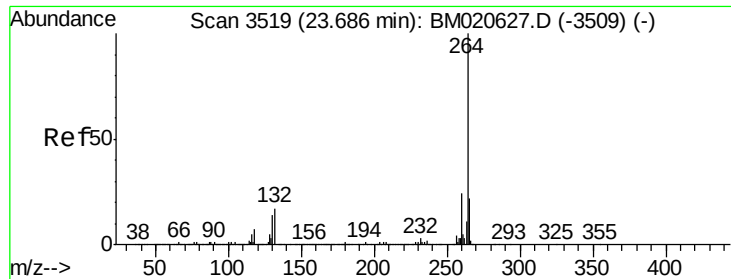
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.8	25.2
203	17.9	13.9	20.9



#79
Terphenyl-d14
Concen: 41.110 ng
RT: 19.84 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BM020637.D
Acq: 31 May 2019 18:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	10.4	7.2	10.8





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.69 min Scan# 3520
Delta R.T. 0.01 min
Lab File: BM020637.D
Acq: 31 May 2019 18:59

Instrument :
BNA_M
ClientSampleId :
B-16-COMP

Tot Ion:264 Resp: 1395432

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.2	17.6	26.4

