

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

Instrument :
 BNA_M
 ClientSampleId :
 B-16-COMP

Quant Time: Jun 01 03:54:24 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

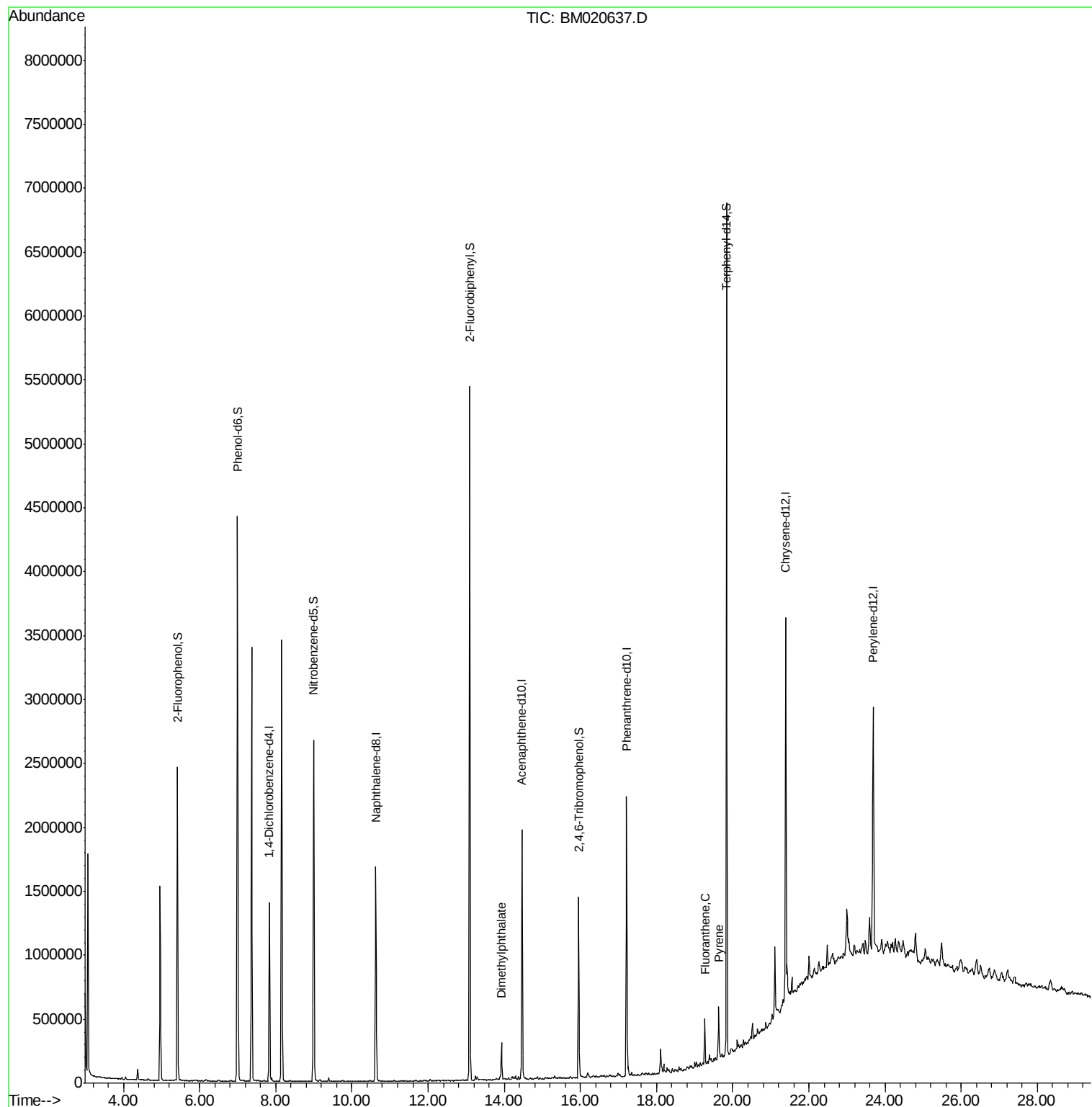
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	357980	20.00	ng	0.00
21) Naphthalene-d8	10.63	136	1317808	20.00	ng	0.00
39) Acenaphthene-d10	14.47	164	604213	20.00	ng	0.00
64) Phenanthrene-d10	17.22	188	1210906	20.00	ng	0.00
76) Chrysene-d12	21.39	240	1192587	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						
9) Benzaldehyde	7.00	77	7494	Below Cal		Qvalue # 15
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

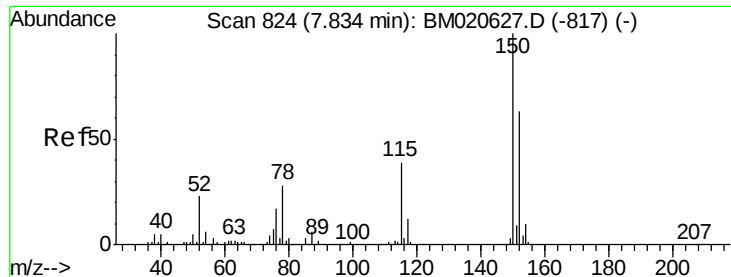
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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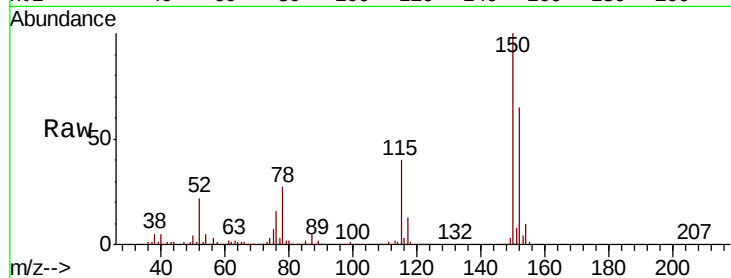


#1

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

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

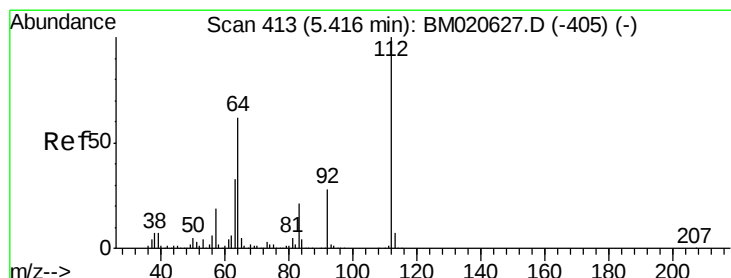
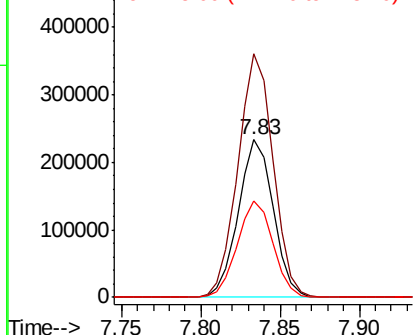
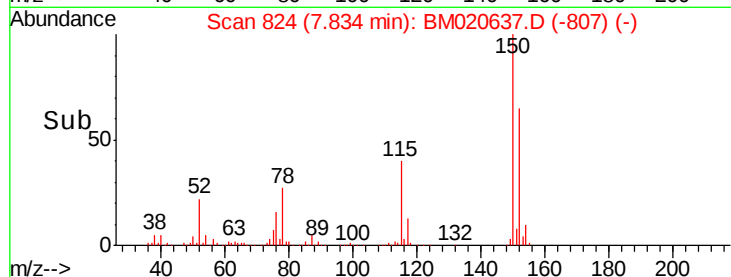


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

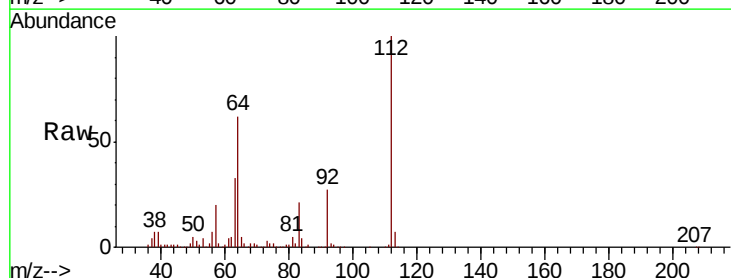
Ion 115.00 (114.70 to 115.70): E



#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

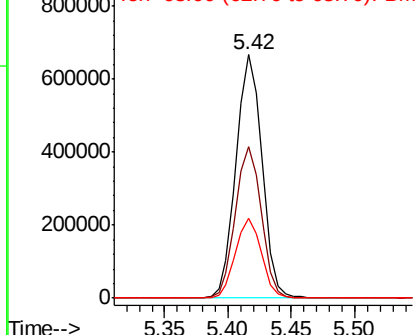
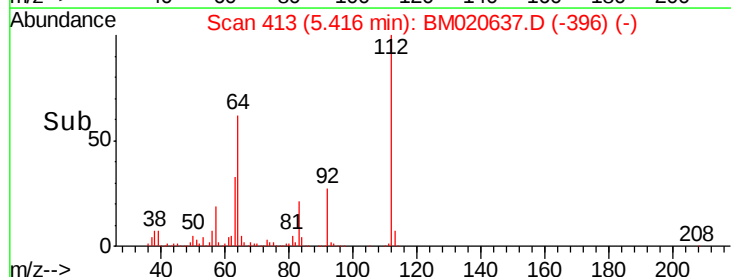


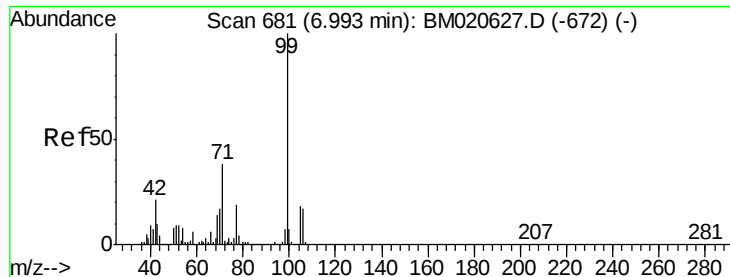
Abundance

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

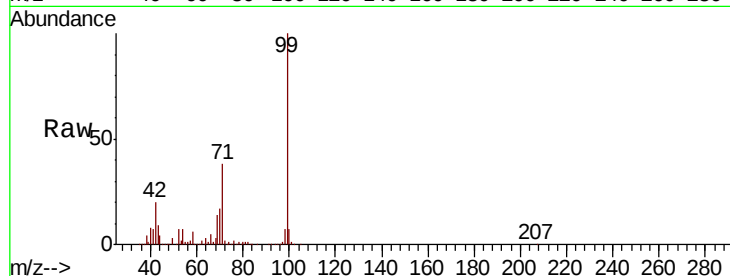
Tgt Ion: 99 Resp: 2371370

Ion Ratio Lower Upper

99 100

42 19.8 16.5 24.7

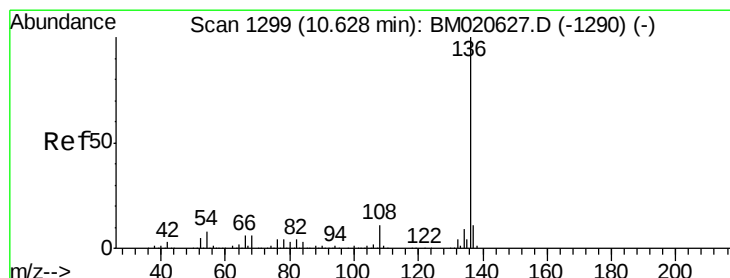
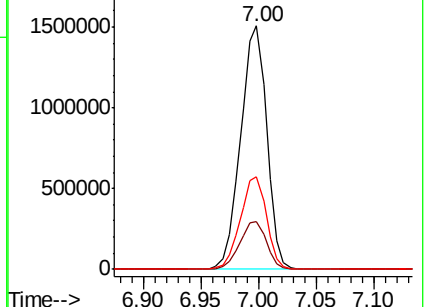
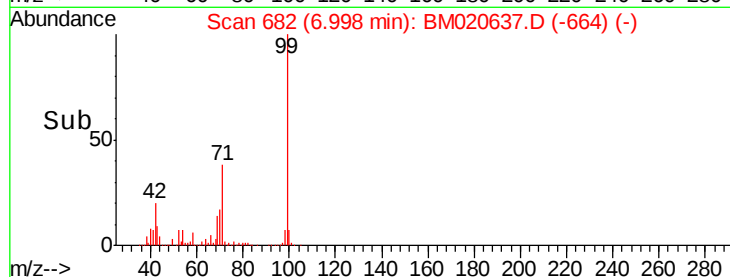
71 38.0 30.7 46.1



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

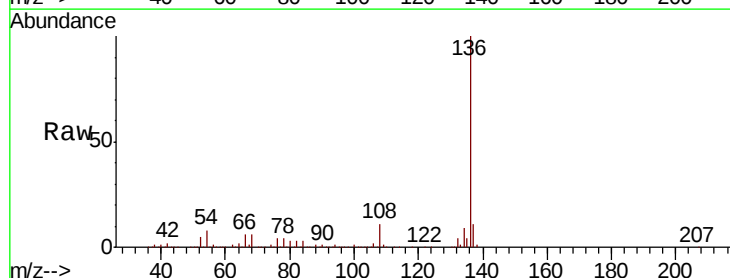
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 8.0 6.6 10.0

68 6.1 5.1 7.7

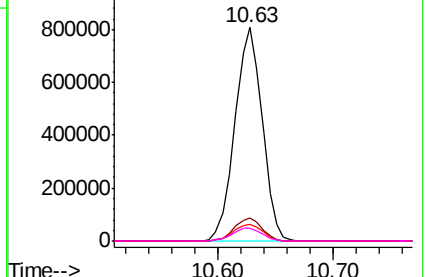
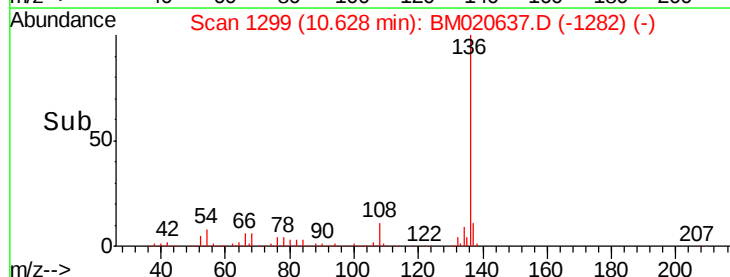


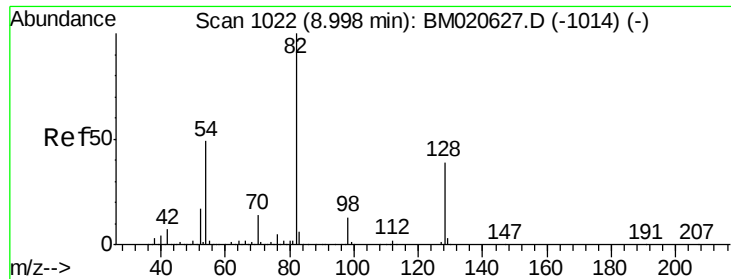
Abundance Ion 136.00 (135.70 to 136.70): BM020637.D (-1282) (-)

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) (-)

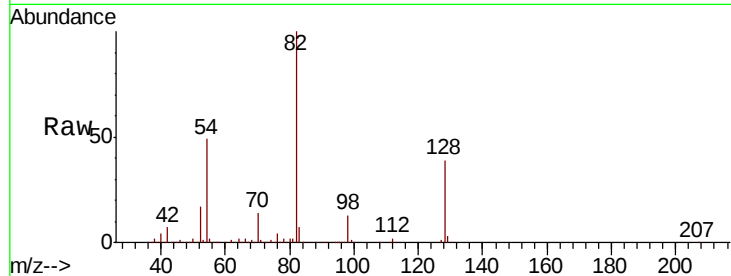




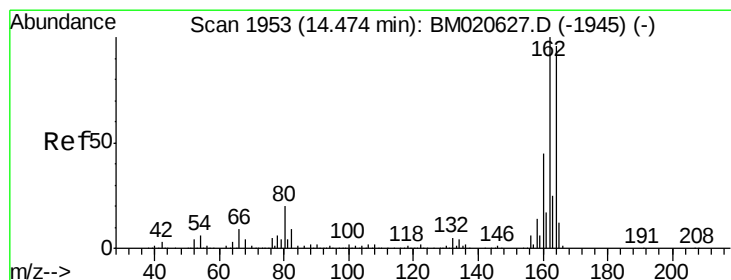
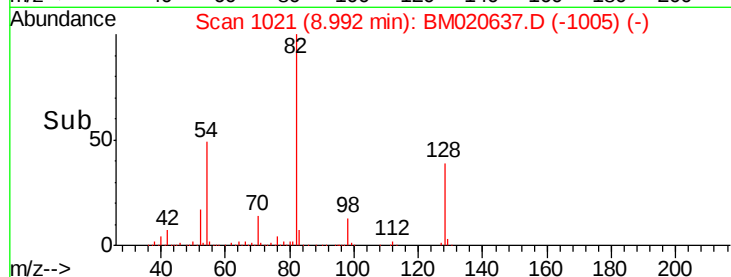
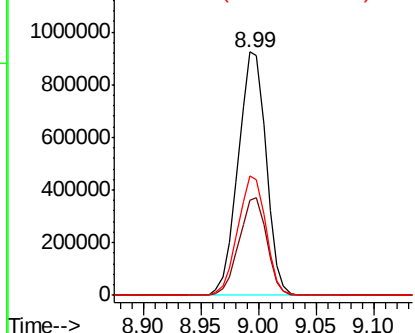
#23
Nitrobenzene-d5
Concen: 61.311 ng
RT: 8.99 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BM020637.D
Acq: 31 May 2019 18:59

Instrument :
BNA_M
ClientSampleId :
B-16-COMP

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

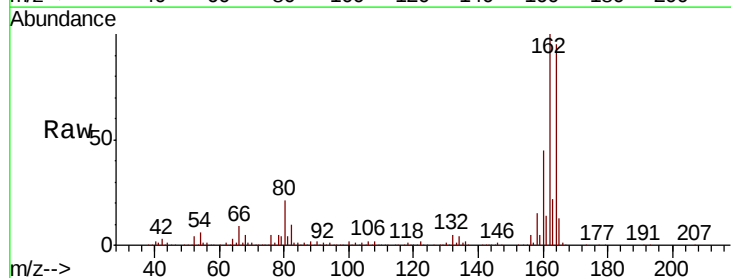


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM0

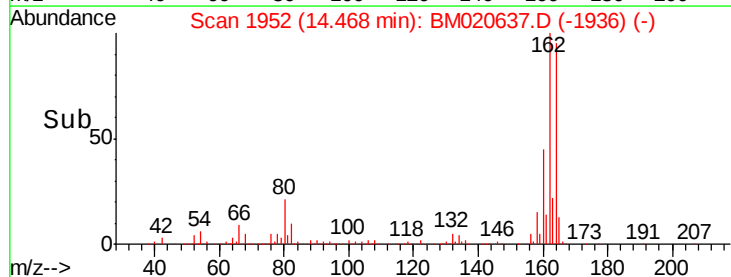
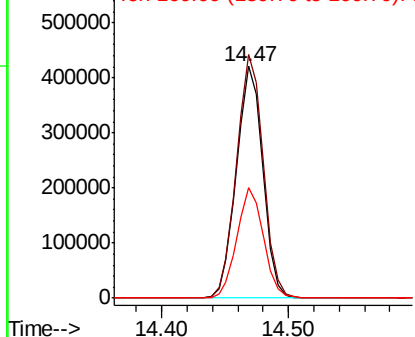


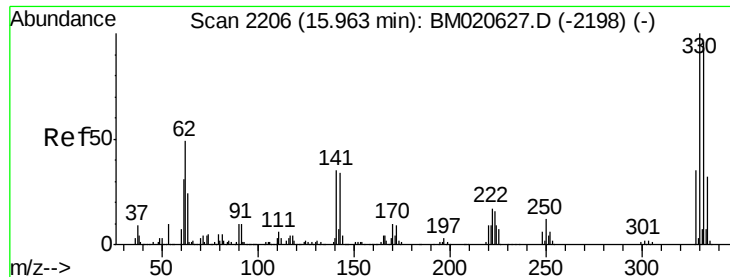
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.47 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BM020637.D
Acq: 31 May 2019 18:59

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

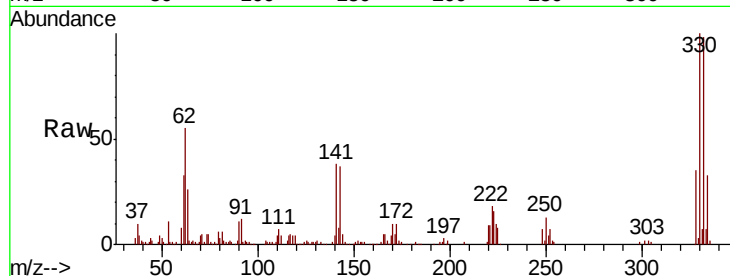




#42
 2,4,6-Tribromophenol
 Concen: 32.174 ng
 RT: 15.96 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BM020637.D
 Acq: 31 May 2019 18:59

Instrument :
 BNA_M
 ClientSampleId :
 B-16-COMP

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

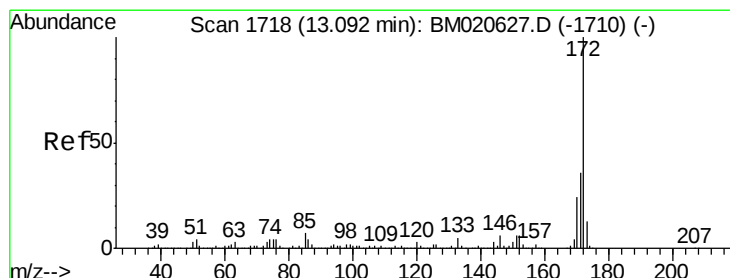
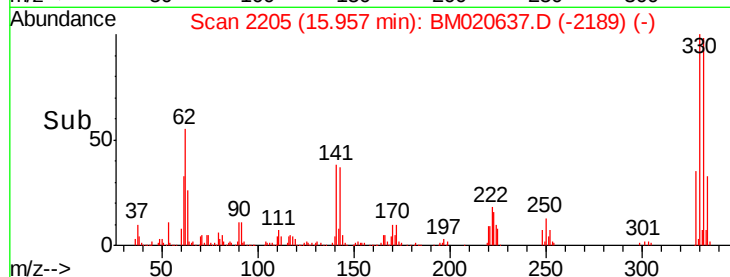
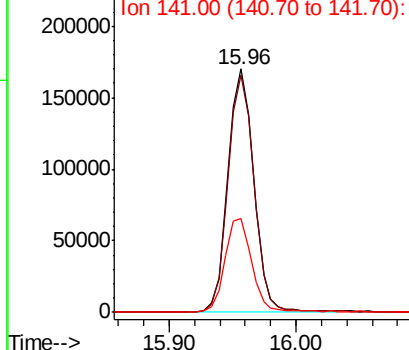


Abundance

Ion 329.80 (329.50 to 330.50): E

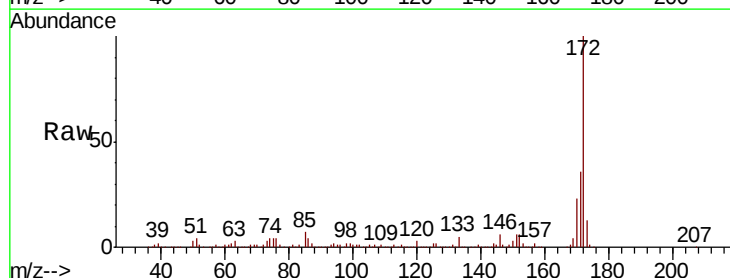
Ion 331.80 (331.50 to 332.50): E

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

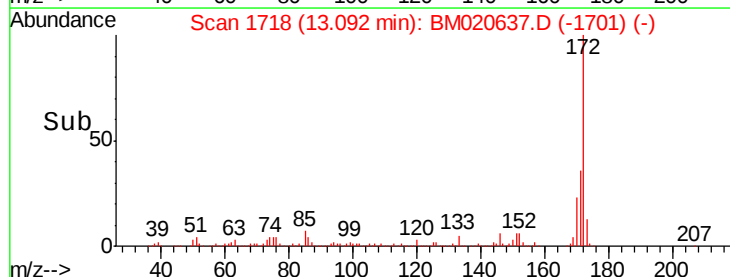
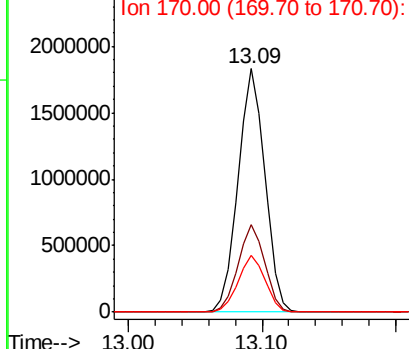


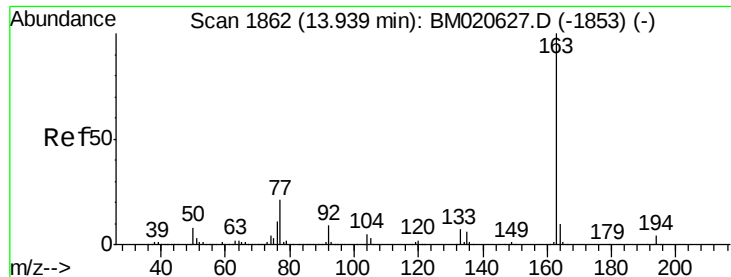
Abundance

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

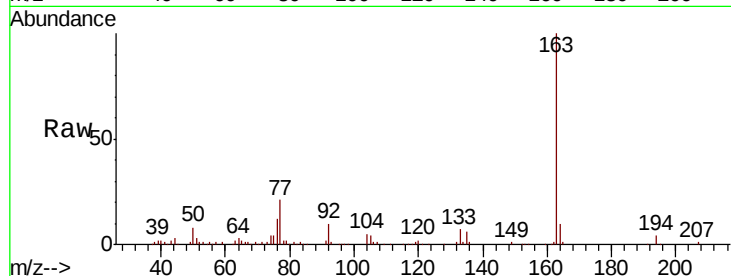
Tgt Ion:163 Resp: 167996

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

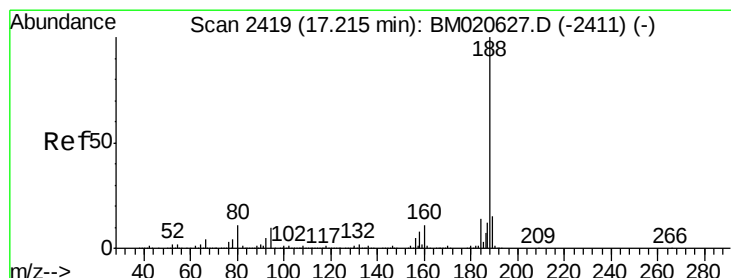
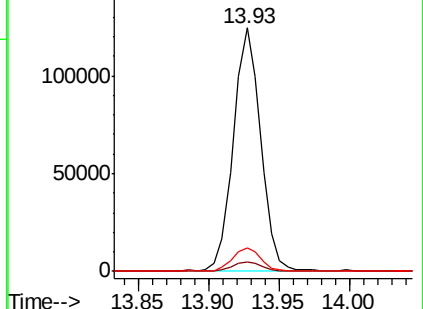
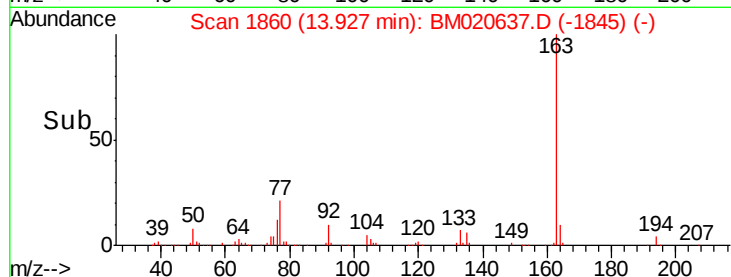
164 9.8 7.9 11.9



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

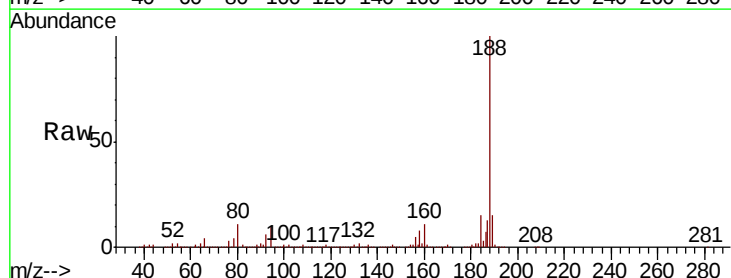
Tgt Ion:188 Resp: 1210906

Ion Ratio Lower Upper

188 100

94 9.5 7.8 11.8

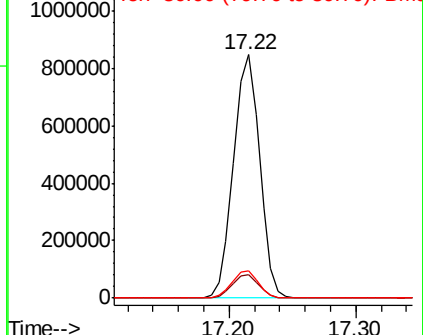
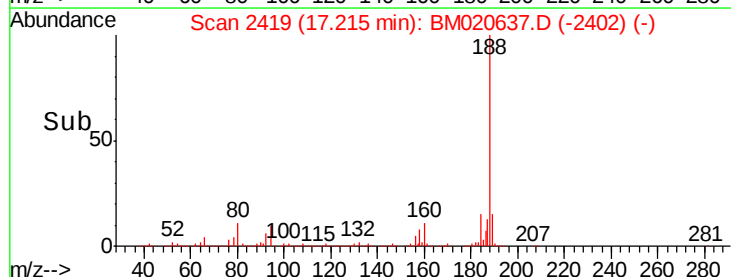
80 11.2 9.0 13.6

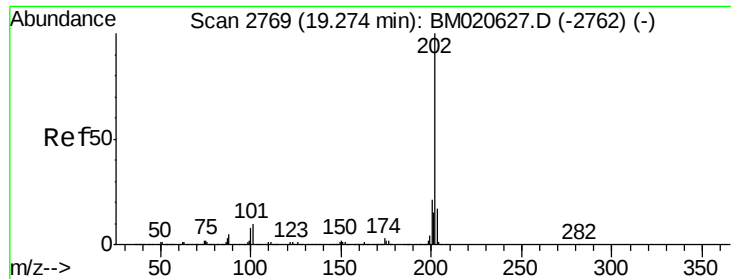


Abundance Ion 188.00 (187.70 to 188.70): E

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

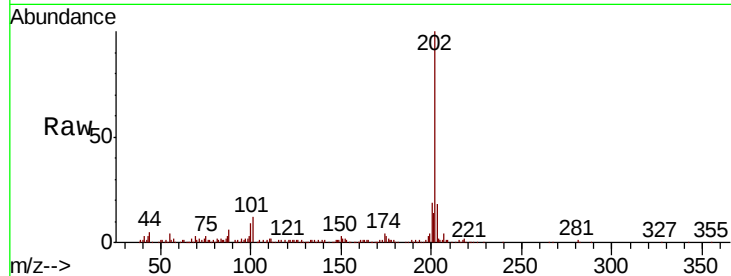
Instrument :

BNA_M

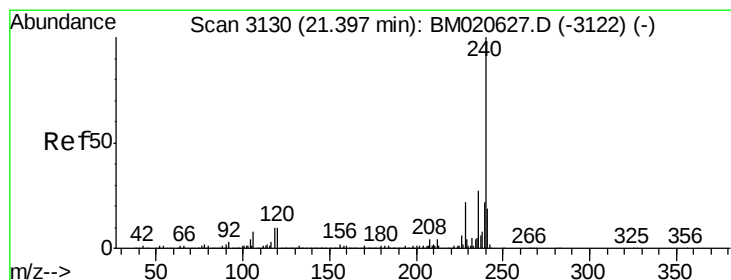
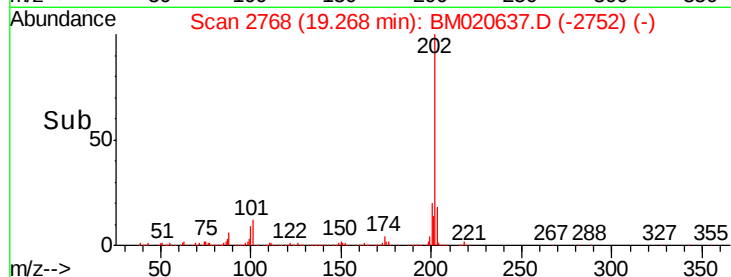
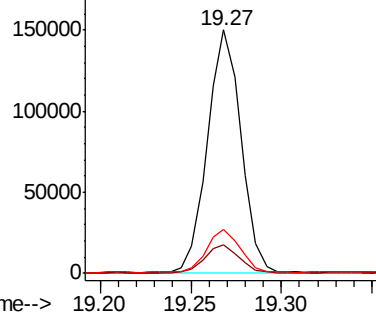
ClientSampleId :

B-16-COMP

Tgt 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

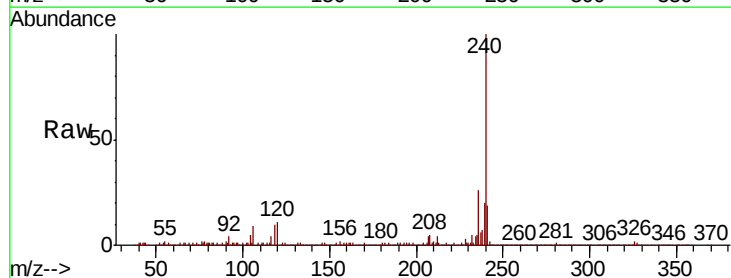
RT: 21.39 min Scan# 3129

Delta R.T. -0.01 min

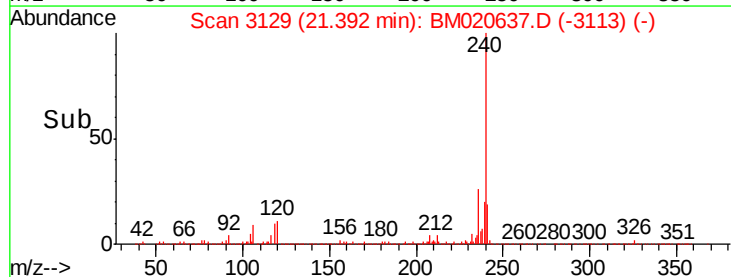
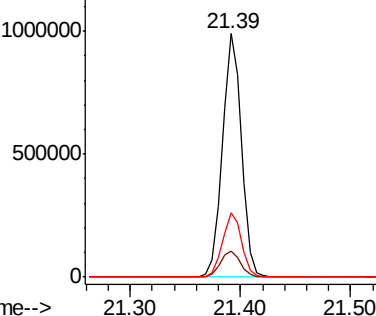
Lab File: BM020637.D

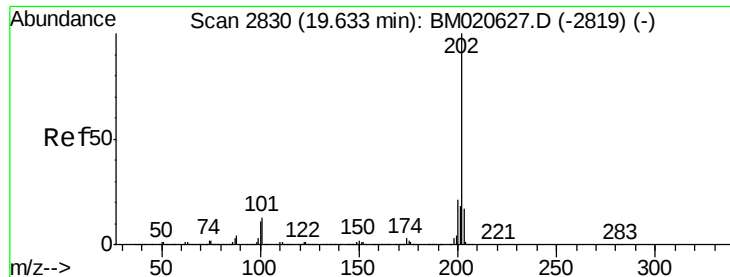
Acq: 31 May 2019 18:59

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

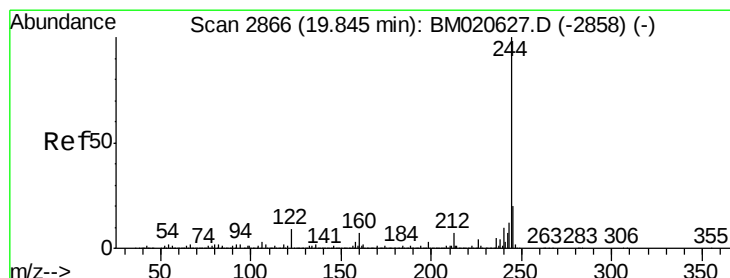
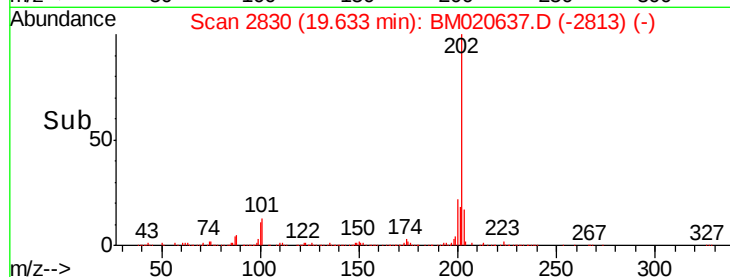
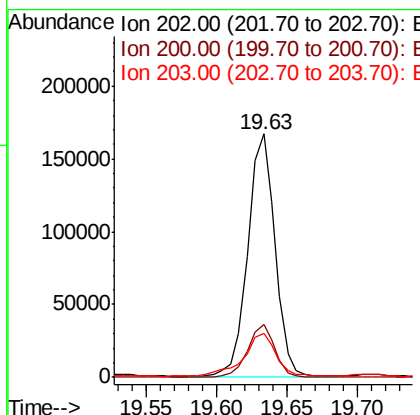
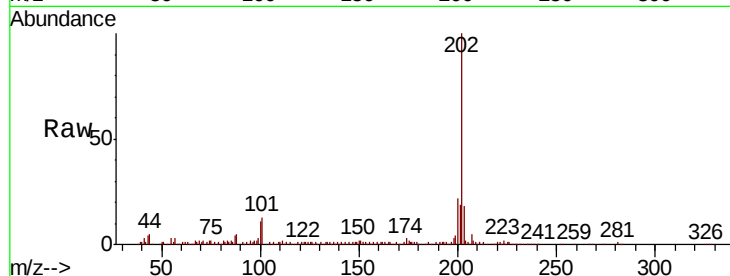




#78
 Pyrene
 Concen: 2.476 ng
 RT: 19.63 min Scan# 2830
 Delta R.T. -0.00 min
 Lab File: BM020637.D
 Acq: 31 May 2019 18:59

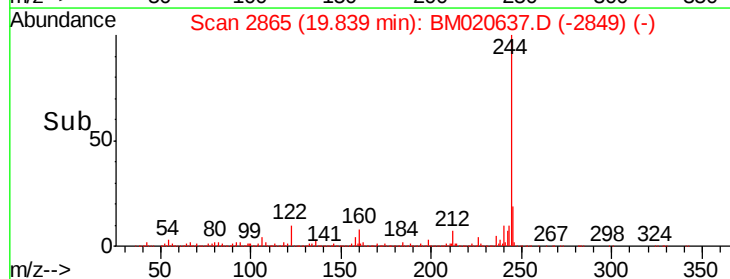
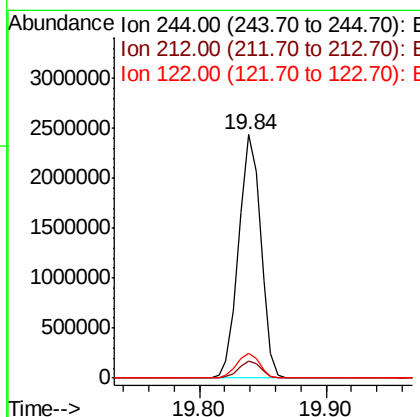
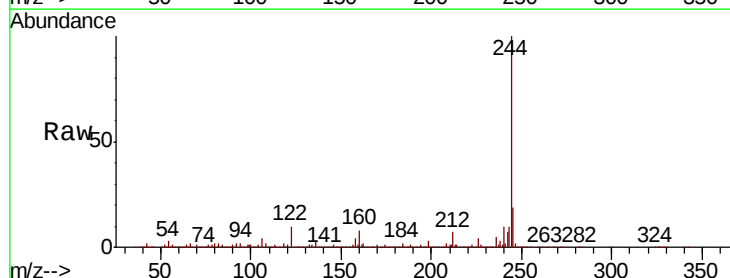
Instrument :
 BNA_M
 ClientSampleId :
 B-16-COMP

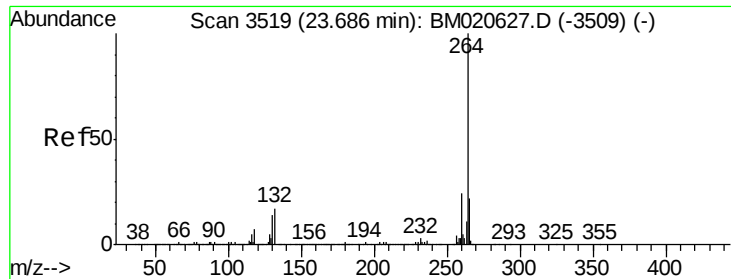
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.8	25.2
203	17.9	13.9	20.9



#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
Perylene-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

Tgt Ion: 264 Resp: 1395432

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

