

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
 Data File : BM020611.D
 Acq On : 29 May 2019 22:15
 Operator : JU/SJ
 Sample : K2966-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FESB-13(9.5-10)

Quant Time: May 30 02:37:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 02:15:06 2019
 Response via : Initial Calibration

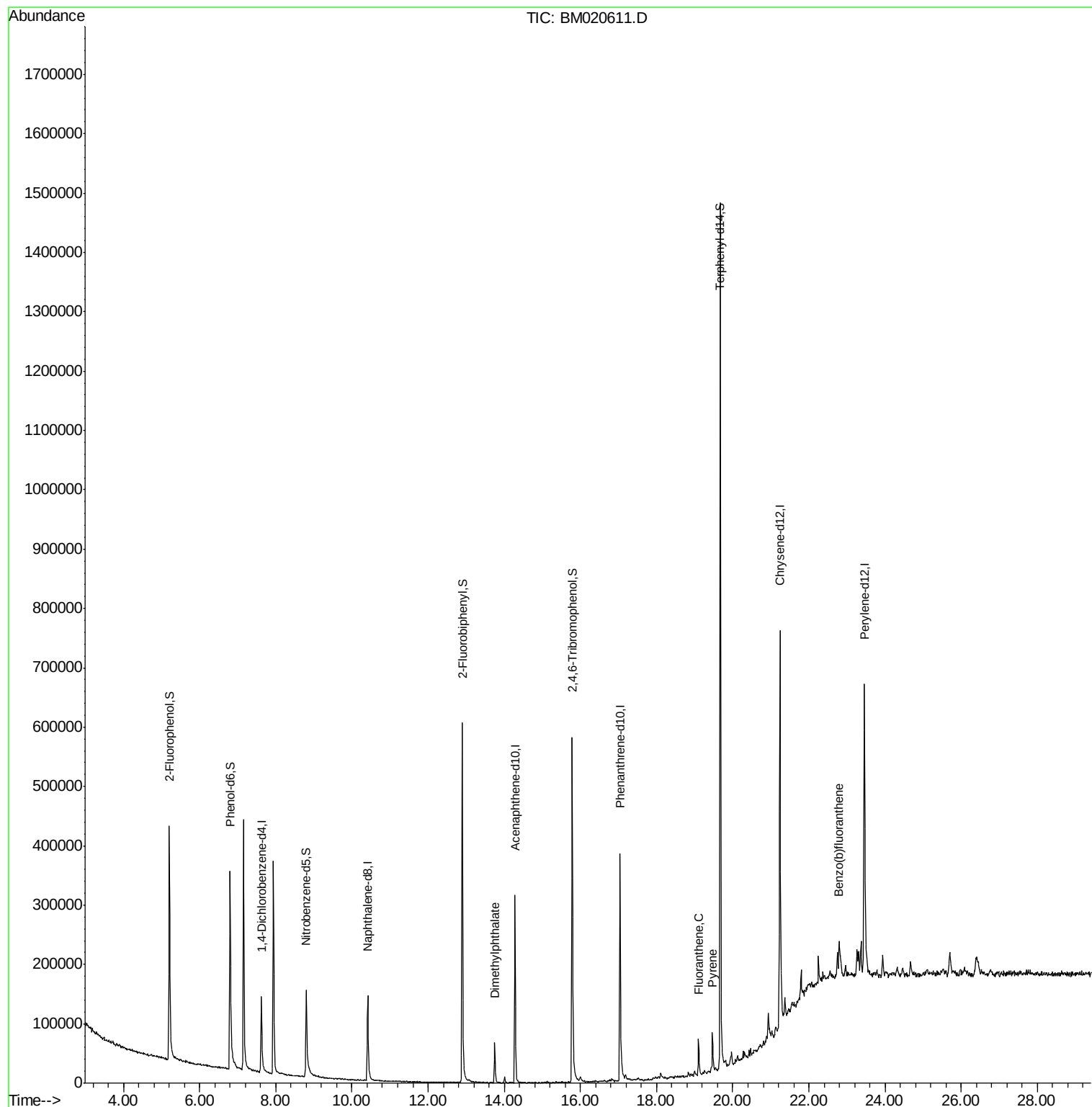
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	42843	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	136039	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	105393	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	267605	20.00	ng	0.00
76) Chrysene-d12	21.24	240	346866	20.00	ng	0.00
87) Perylene-d12	23.46	264	421368	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	182504	83.57	ng	0.00
7) Phenol-d6	6.80	99	228435	69.30	ng	0.00
23) Nitrobenzene-d5	8.80	82	139279	42.97	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	147151	69.69	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	360637	42.94	ng	0.00
79) Terphenyl-d14	19.67	244	776053	40.45	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.75	163	50725	5.434	ng	Qvalue 100
75) Fluoranthene	19.10	202	45912	2.271	ng	97
78) Pyrene	19.47	202	49655	2.280	ng	95
88) Benzo(b)fluoranthene	22.79	252	56469m	2.048	ng	

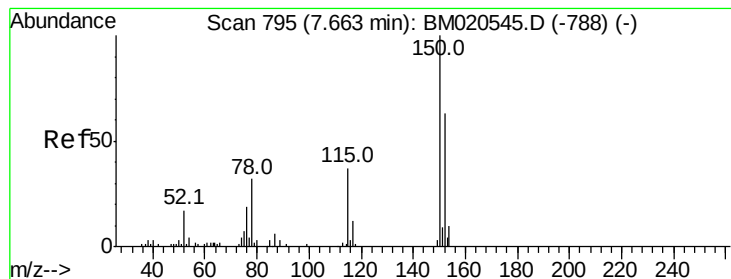
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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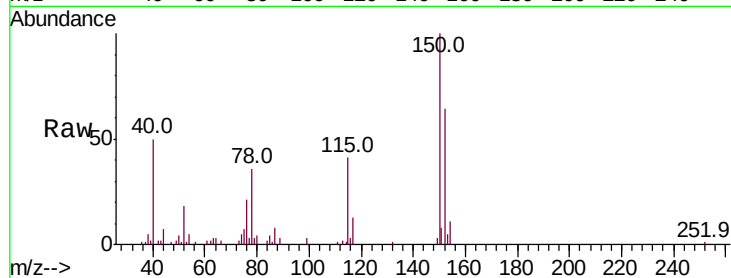


#1

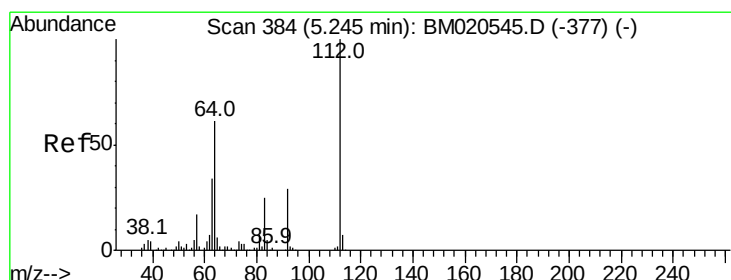
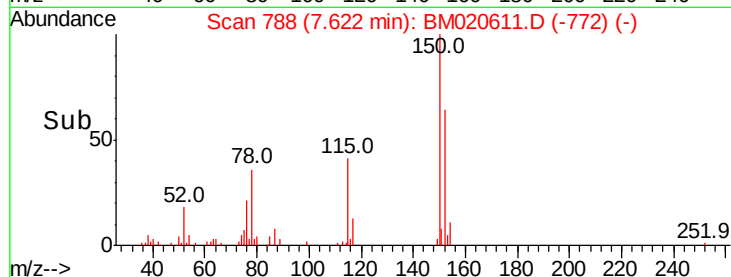
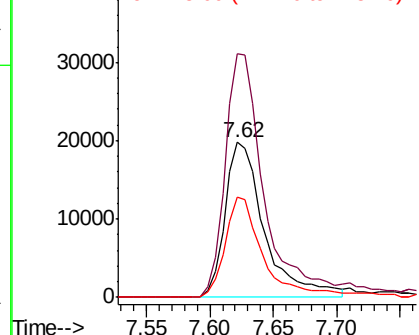
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 788
Delta R.T. -0.01 min
Lab File: BM020611.D
Acq: 29 May 2019 22:15

Instrument :
BNA_M
ClientSampleId :
FESB-13(9.5-10)

Tot Ion:152 Resp: 42843
Ion Ratio Lower Upper
152 100
150 156.9 126.6 190.0
115 64.3 46.6 70.0



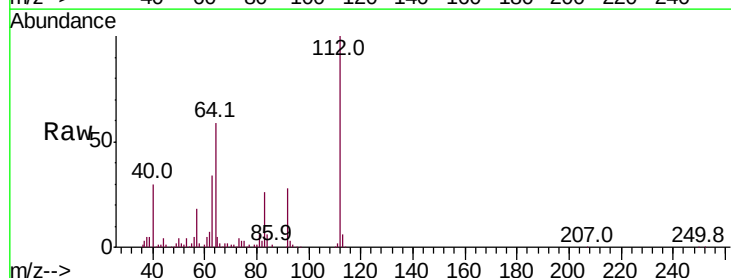
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



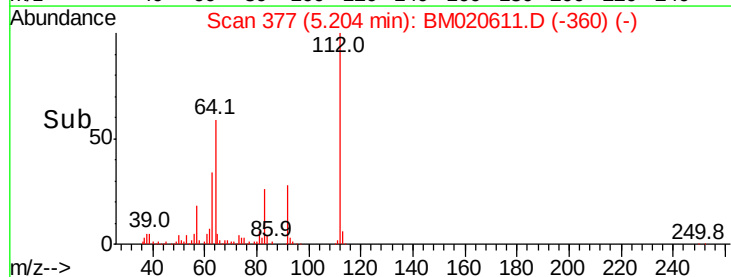
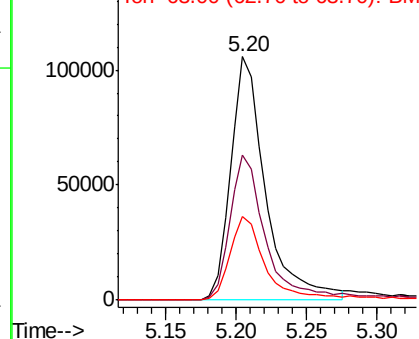
#5

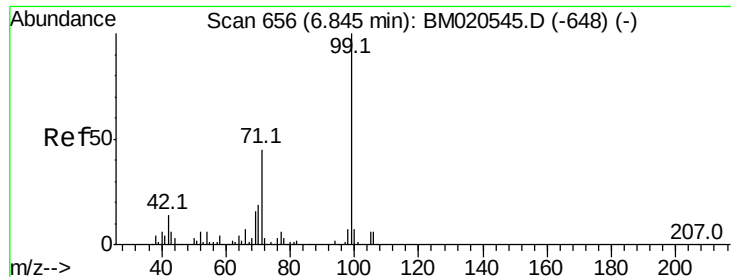
2-Fluorophenol
Concen: 83.570 ng
RT: 5.20 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM020611.D
Acq: 29 May 2019 22:15

Tgt Ion:112 Resp: 182504
Ion Ratio Lower Upper
112 100
64 59.5 48.6 73.0
63 34.2 27.4 41.0



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: 69.303 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM020611.D

Acq: 29 May 2019 22:15

Instrument :

BNA_M

ClientSampleId :

FESB-13(9.5-10)

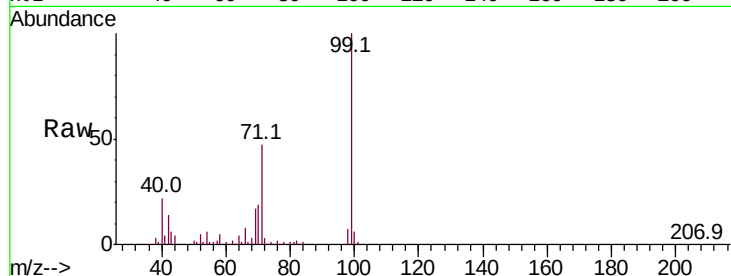
Tot Ion: 99 Resp: 228435

Ion Ratio Lower Upper

99 100

42 13.6 10.8 16.2

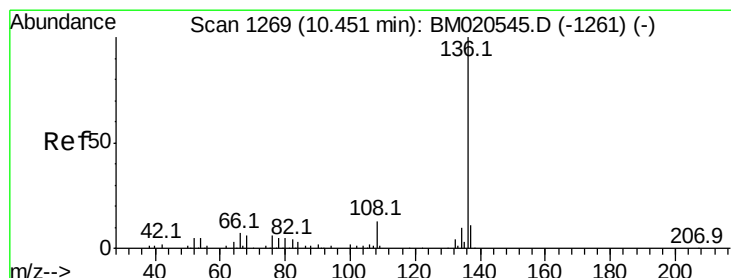
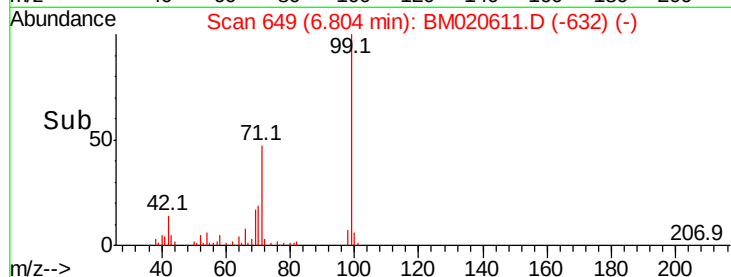
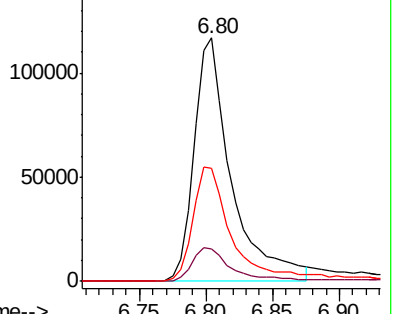
71 46.6 36.3 54.5



Abundance Ion 99.00 (98.70 to 99.70): BM020545.D (-648) (-)

Ion 42.00 (41.70 to 42.70): BM020545.D (-648) (-)

Ion 71.00 (70.70 to 71.70): BM020545.D (-648) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BM020611.D

Acq: 29 May 2019 22:15

Tgt Ion: 136 Resp: 136039

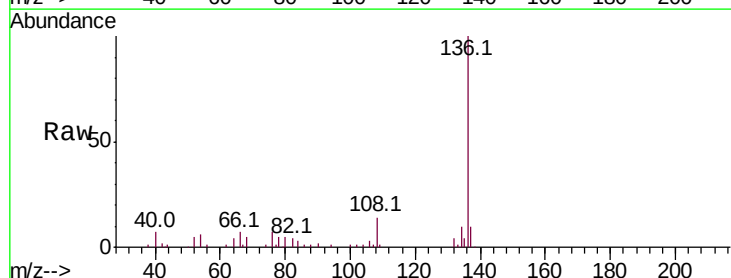
Ion Ratio Lower Upper

136 100

137 9.8 8.4 12.6

54 5.7 4.2 6.4

68 4.9 4.6 7.0

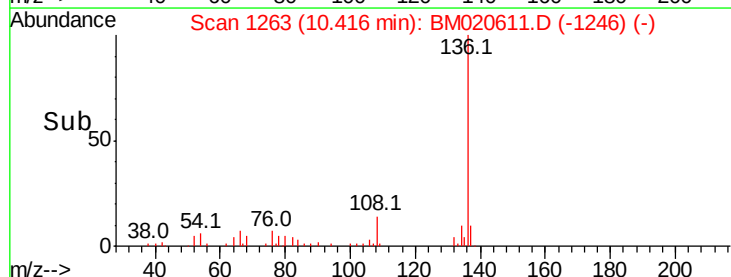
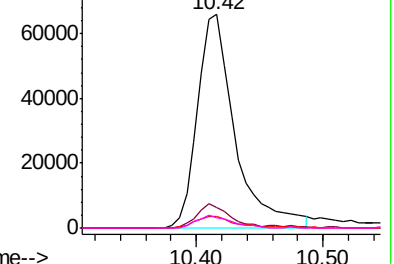


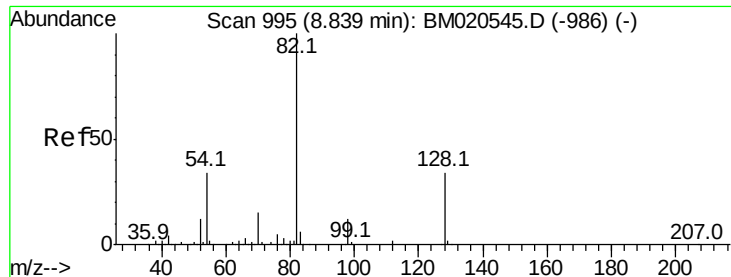
Abundance Ion 136.00 (135.70 to 136.70): BM020545.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM020545.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM020545.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM020545.D (-1261) (-)

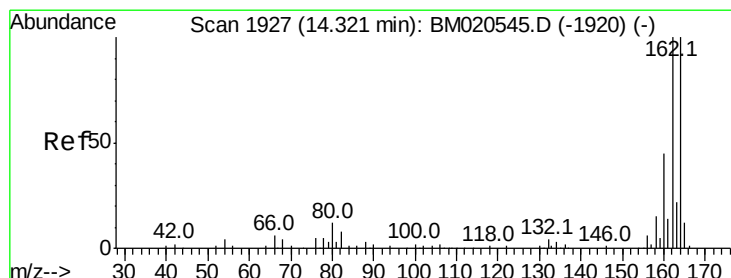
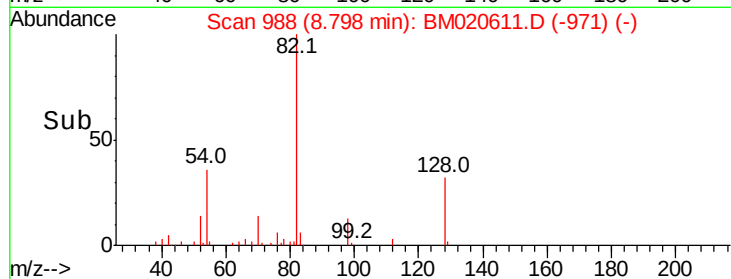
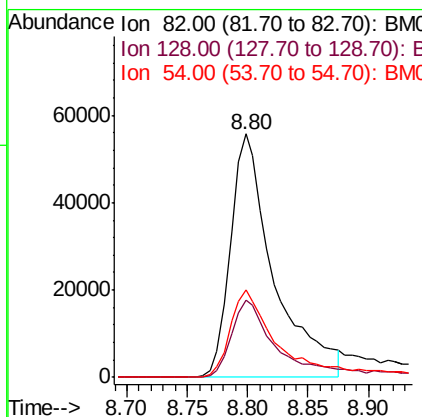
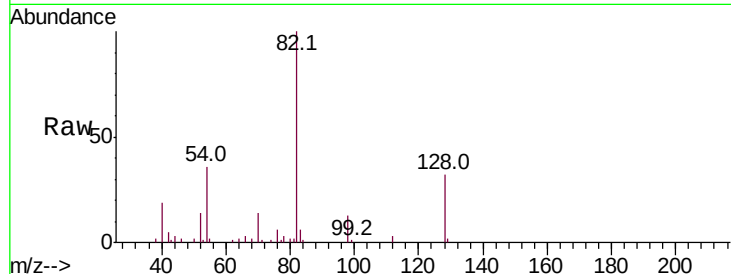




#23
 Nitrobenzene-d5
 Concen: 42.973 ng
 RT: 8.80 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BM020611.D
 Acq: 29 May 2019 22:15

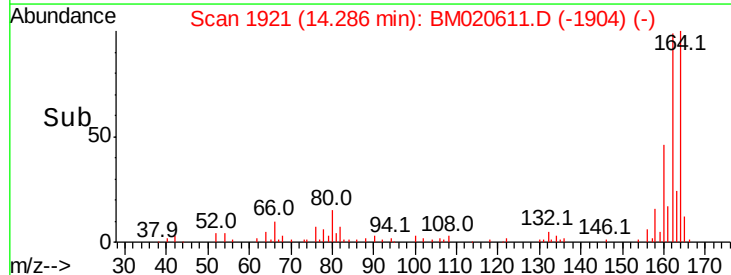
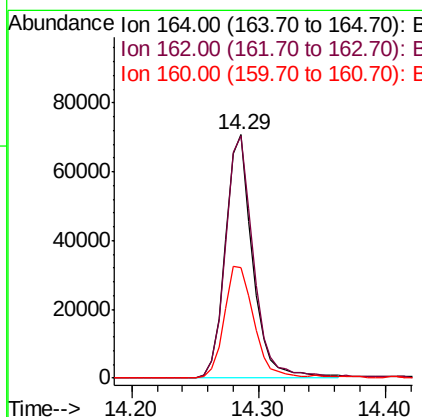
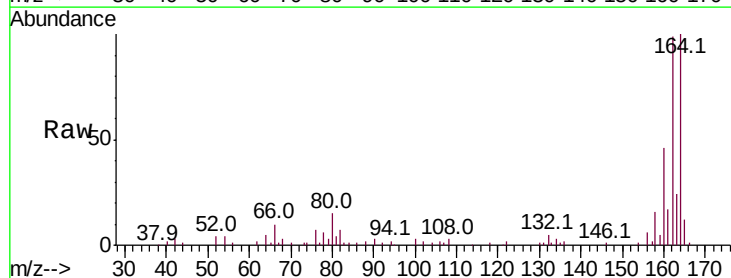
Instrument :
 BNA_M
 ClientSampleId :
 FESB-13(9.5-10)

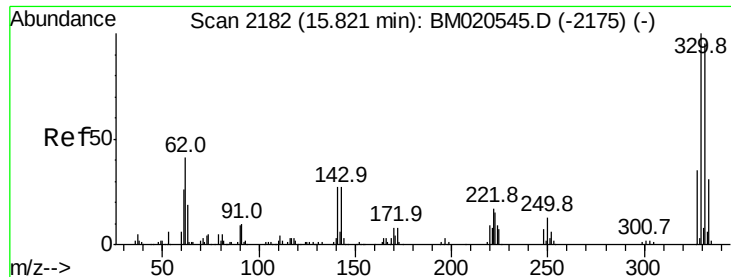
Tot Ion	82	Resp	139279
Ion Ratio	Lower	Upper	
82	100		
128	31.8	27.0	40.4
54	35.7	27.4	41.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.29 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: BM020611.D
 Acq: 29 May 2019 22:15

Tgt Ion	164	Resp	105393
Ion Ratio	Lower	Upper	
164	100		
162	99.4	79.8	119.8
160	45.5	35.9	53.9

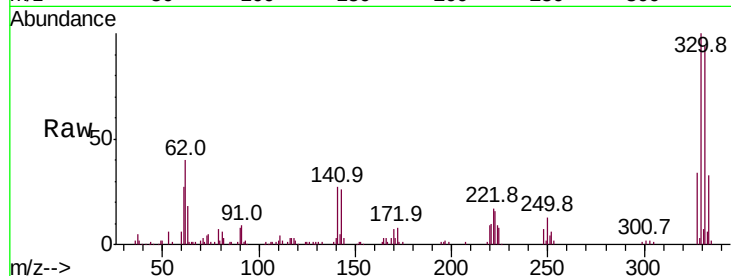




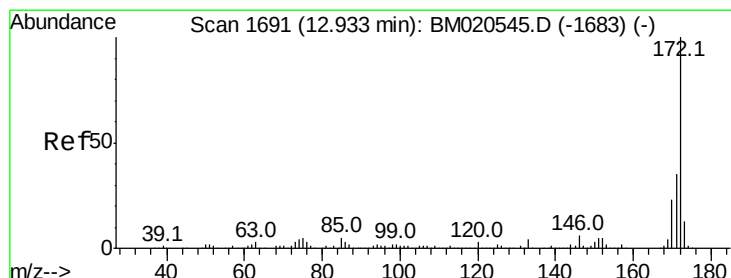
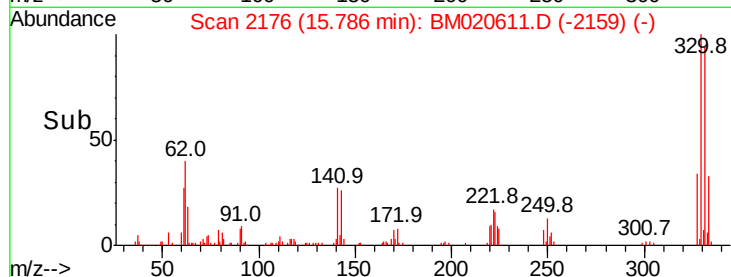
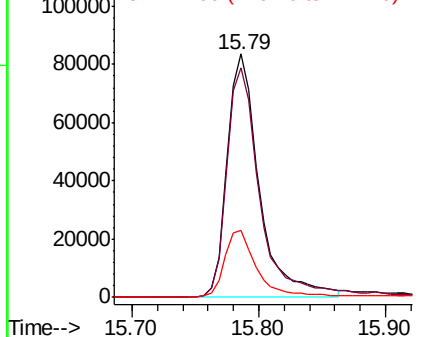
#42
 2,4,6-Tribromophenol
 Concen: 69.690 ng
 RT: 15.79 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: BM020611.D
 Acq: 29 May 2019 22:15

Instrument :
 BNA_M
 ClientSampleId :
 FESB-13(9.5-10)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.5	116.3
141	27.8	21.7	32.5

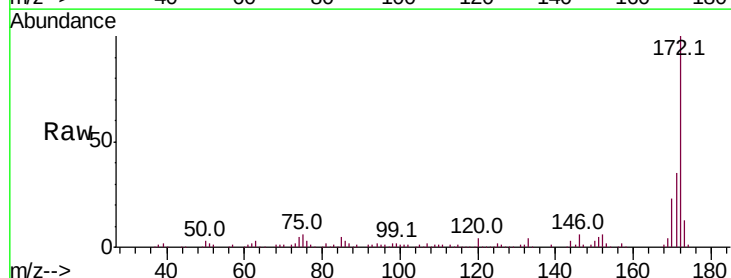


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

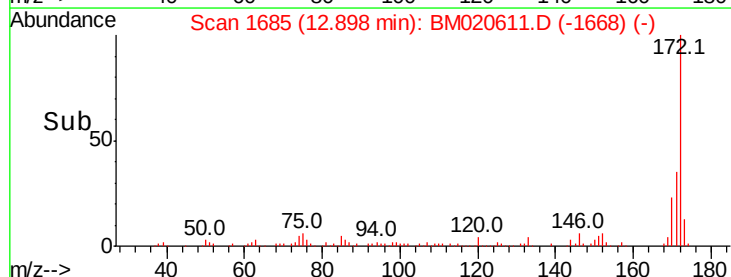
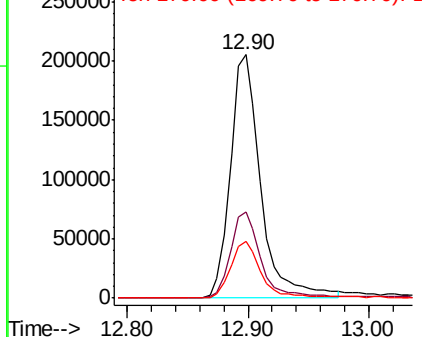


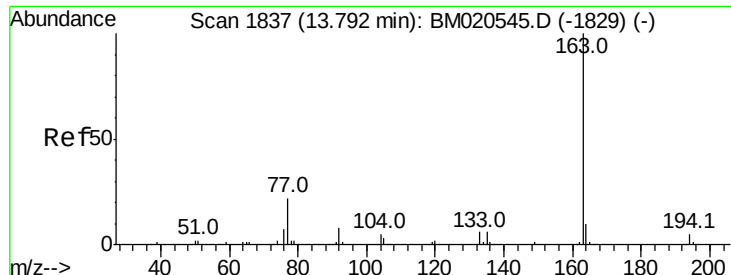
#45
 2-Fluorobiphenyl
 Concen: 42.937 ng
 RT: 12.90 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BM020611.D
 Acq: 29 May 2019 22:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.9	41.9
170	23.3	18.2	27.4



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: 5.434 ng

RT: 13.75 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BM020611.D

Acq: 29 May 2019 22:15

Instrument :

BNA_M

ClientSampleId :

FESB-13(9.5-10)

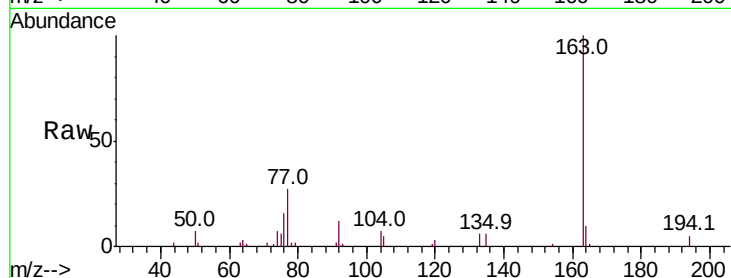
Tot Ion:163 Resp: 50725

Ion Ratio Lower Upper

163 100

194 5.0 3.9 5.9

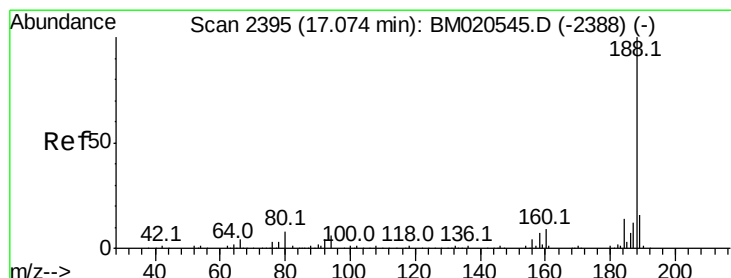
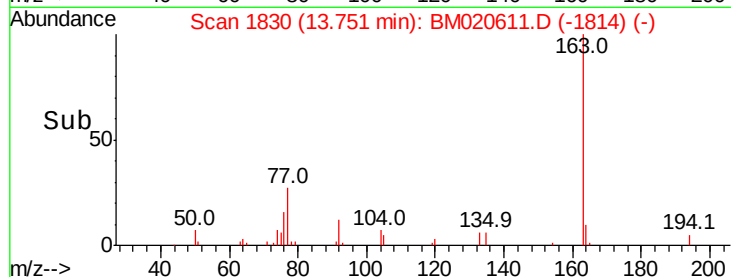
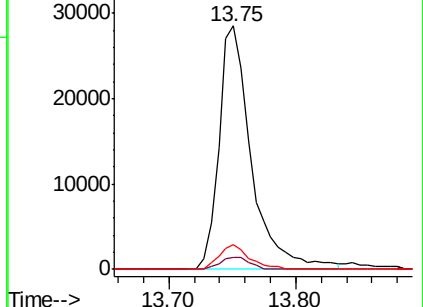
164 10.0 8.0 12.0



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: 17.04 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BM020611.D

Acq: 29 May 2019 22:15

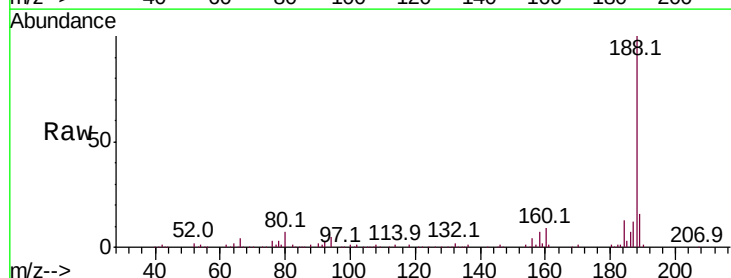
Tgt Ion:188 Resp: 267605

Ion Ratio Lower Upper

188 100

94 5.2 5.0 7.4

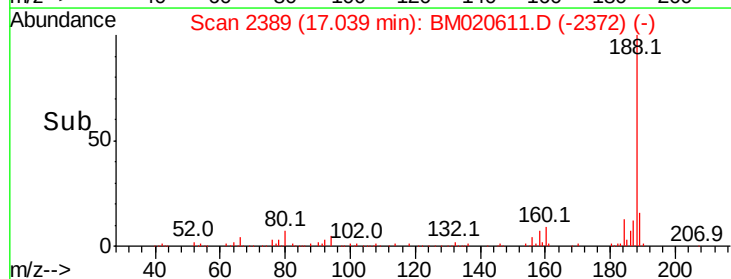
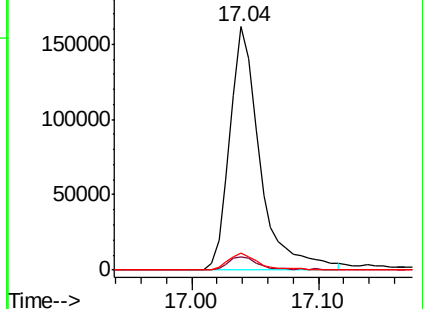
80 7.0 6.5 9.7

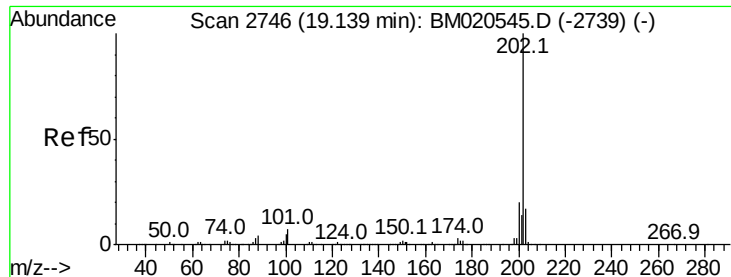


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Fluoranthene

Concen: 2.271 ng

RT: 19.10 min Scan# 2740

Delta R.T. -0.01 min

Lab File: BM020611.D

Acq: 29 May 2019 22:15

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FESB-13(9.5-10)

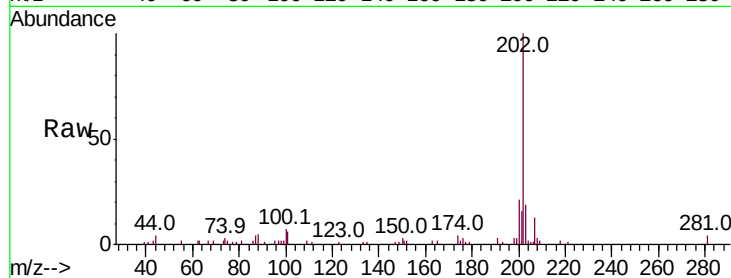
Tot Ion:202 Resp: 45912

Ion Ratio Lower Upper

202 100

101 6.1 0.0 26.7

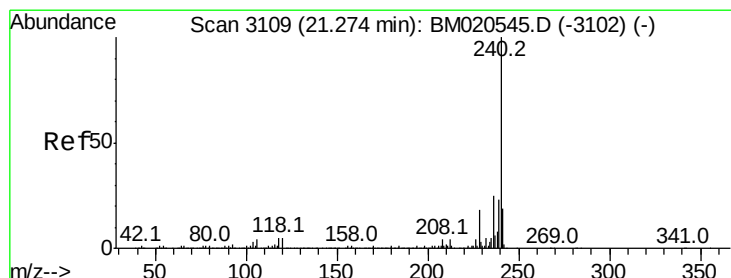
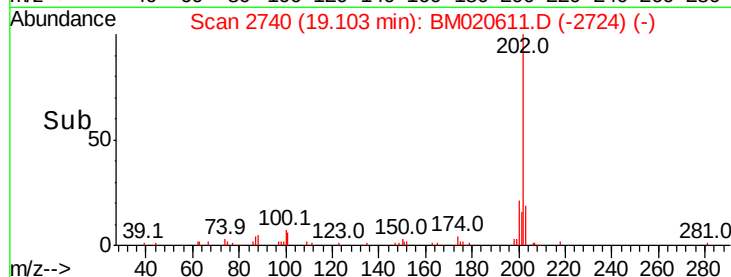
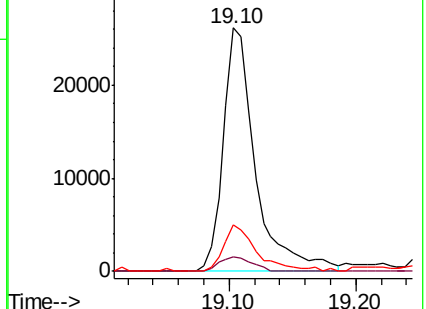
203 19.1 0.0 37.4



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: 21.24 min Scan# 3103

Delta R.T. -0.00 min

Lab File: BM020611.D

Acq: 29 May 2019 22:15

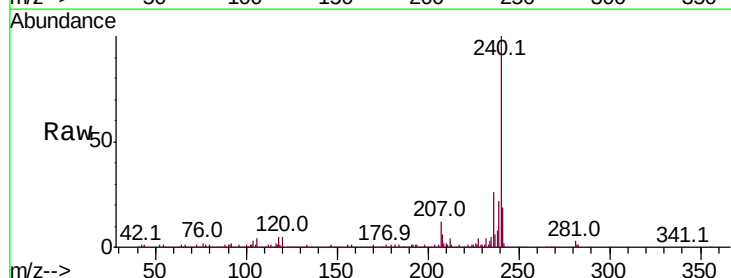
Tgt Ion:240 Resp: 346866

Ion Ratio Lower Upper

240 100

120 4.5 4.1 6.1

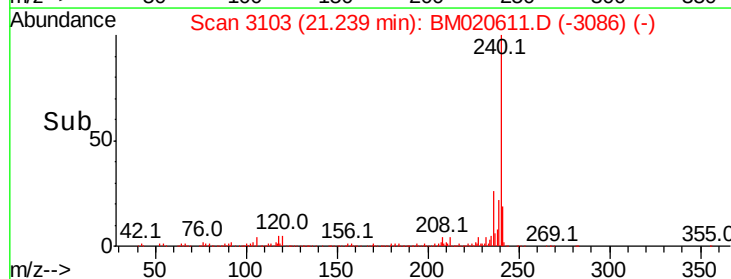
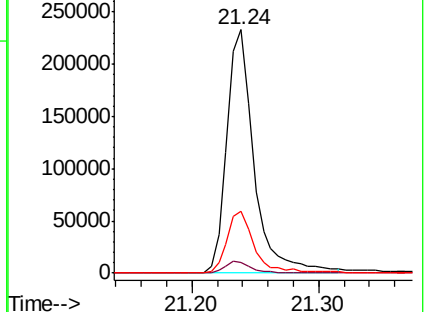
236 25.5 20.2 30.4

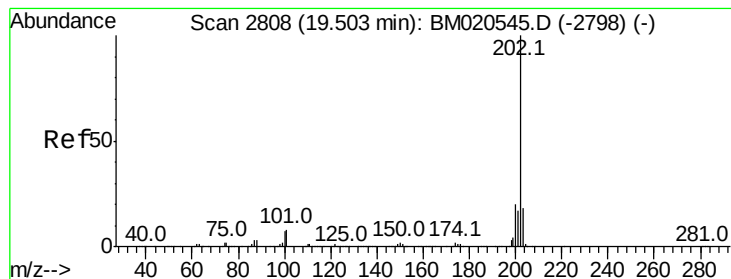


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.280 ng

RT: 19.47 min Scan# 2802

Delta R.T. -0.01 min

Lab File: BM020611.D

Acq: 29 May 2019 22:15

Instrument :

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ClientSampleId :

FESB-13(9.5-10)

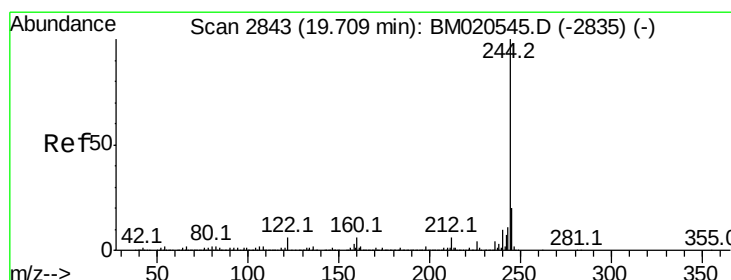
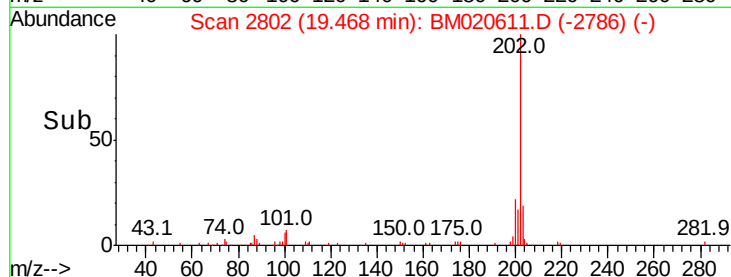
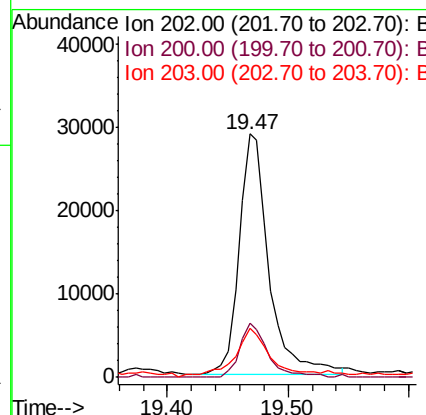
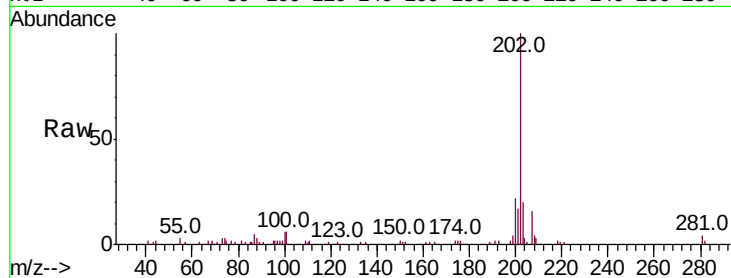
Tot Ion:202 Resp: 49655

Ion Ratio Lower Upper

202 100

200 22.3 16.0 24.0

203 20.2 14.1 21.1



#79

Terphenyl-d14

Concen: 40.446 ng

RT: 19.67 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BM020611.D

Acq: 29 May 2019 22:15

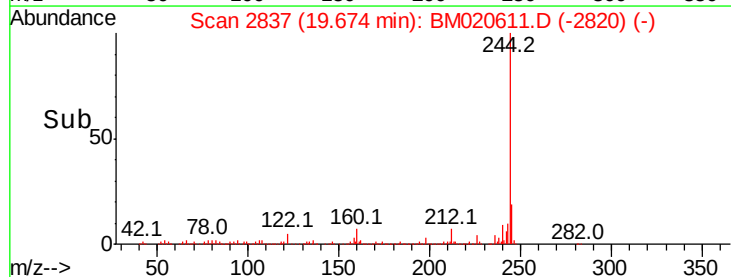
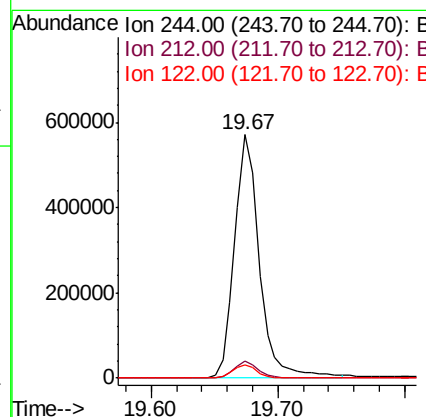
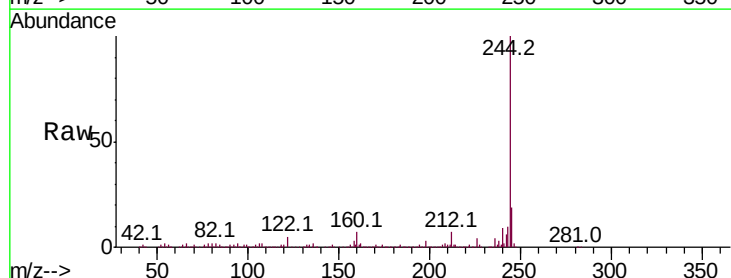
Tgt Ion:244 Resp: 776053

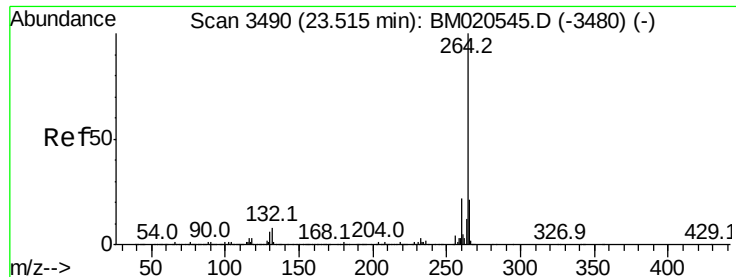
Ion Ratio Lower Upper

244 100

212 6.9 5.0 7.6

122 5.5 4.6 7.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3480

Delta R.T. -0.01 min

Lab File: BM020611.D

Acq: 29 May 2019 22:15

Instrument :

BNA_M

ClientSampleId :

FESB-13(9.5-10)

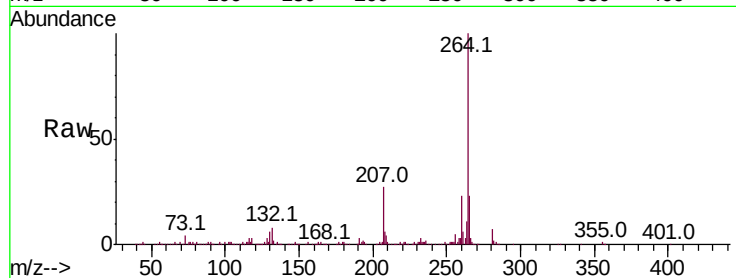
Tot Ion:264 Resp: 421368

Ion Ratio Lower Upper

264 100

260 23.4 17.7 26.5

265 23.2 17.4 26.2

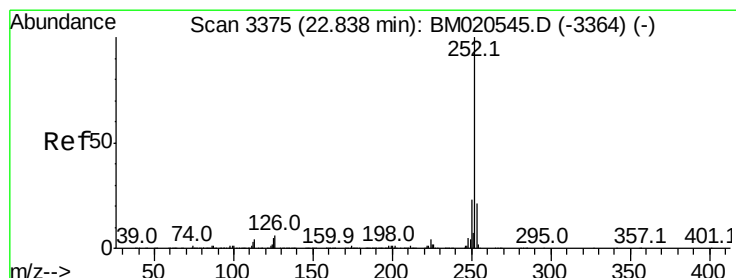
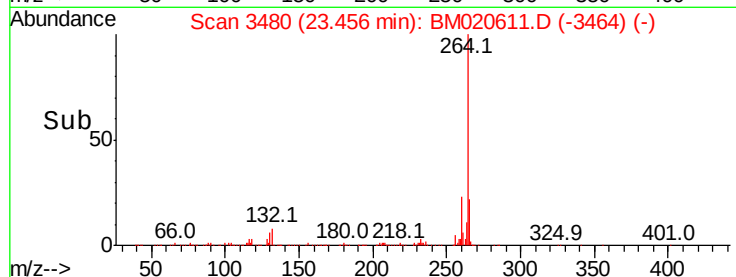
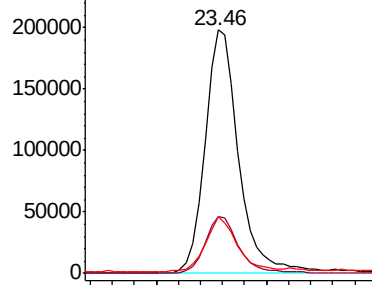


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 2.048 ng m

RT: 22.79 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BM020611.D

Acq: 29 May 2019 22:15

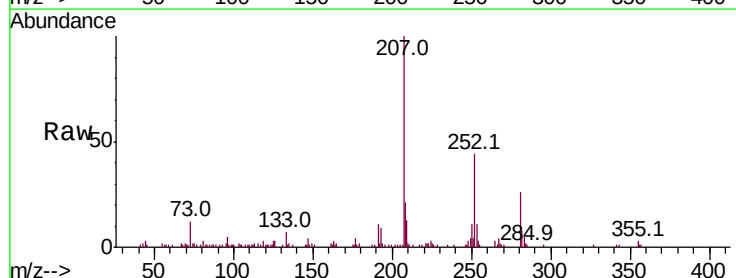
Tgt Ion:252 Resp: 56469

Ion Ratio Lower Upper

252 100

253 26.1 17.1 25.7#

125 6.2 3.8 5.8#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

