

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 02:00:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 16:07:05 2019
 Response via : Initial Calibration

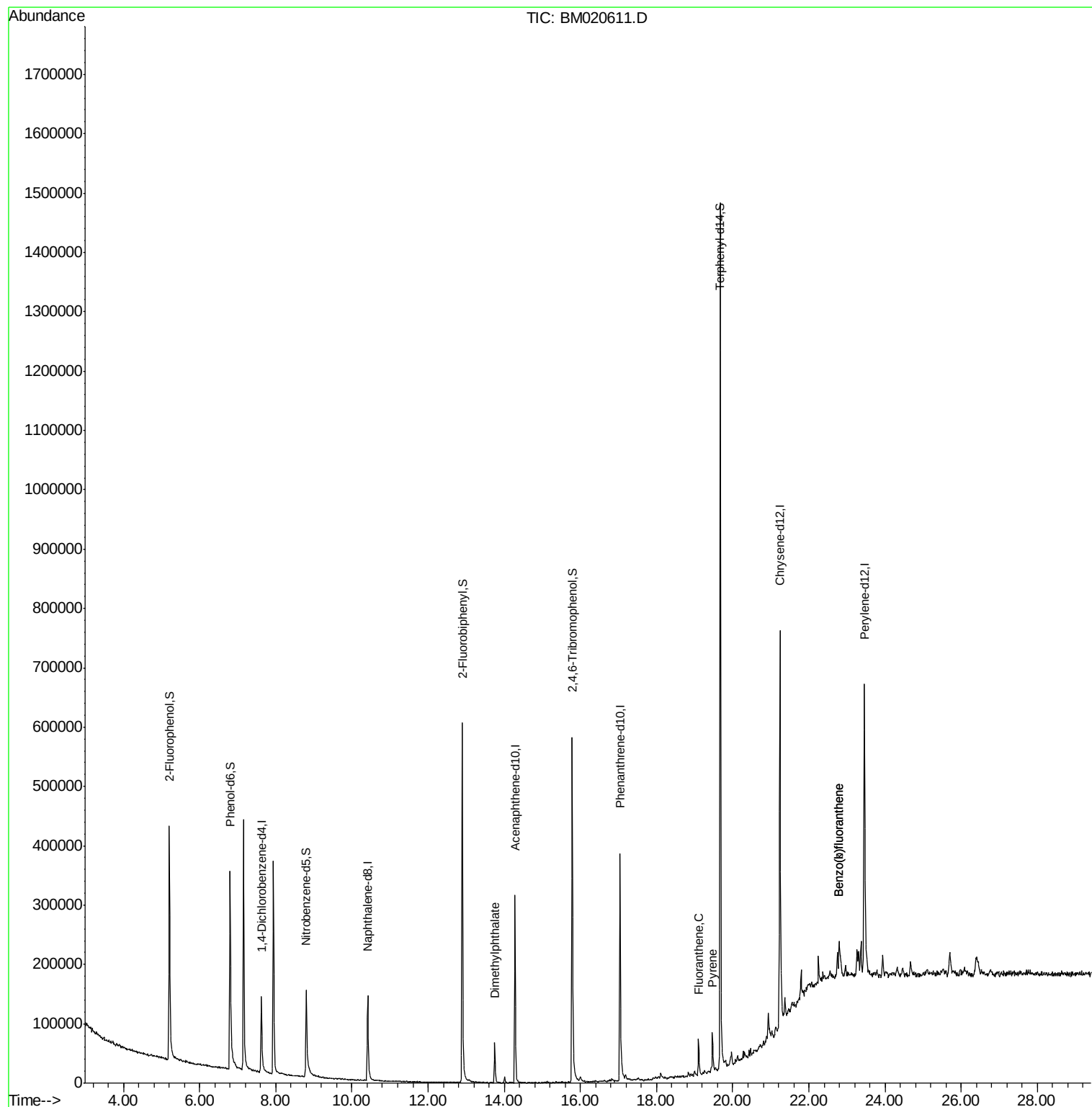
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	43956	20.00	ng	-0.04
21) Naphthalene-d8	10.42	136	131785	20.00	ng	-0.04
39) Acenaphthene-d10	14.29	164	104522	20.00	ng	-0.04
64) Phenanthrene-d10	17.04	188	266061	20.00	ng	-0.04
76) Chrysene-d12	21.24	240	344057	20.00	ng	-0.04
87) Perylene-d12	23.46	264	423633	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	185069	82.60	ng	-0.04
7) Phenol-d6	6.80	99	232600	68.78	ng	-0.04
23) Nitrobenzene-d5	8.80	82	142866	45.50	ng	-0.04
42) 2,4,6-Tribromophenol	15.79	330	146366	69.90	ng	-0.04
45) 2-Fluorobiphenyl	12.90	172	362334	43.50	ng	-0.04
79) Terphenyl-d14	19.67	244	776053	40.78	ng	-0.04
Target Compounds						
50) Dimethylphthalate	13.75	163	50725	5.479	ng	Qvalue 100
75) Fluoranthene	19.10	202	45369	2.257	ng	97
78) Pyrene	19.47	202	49655	2.299	ng	95
88) Benzo(b)fluoranthene	22.79	252	73595	2.654	ng	# 91
89) Benzo(k)fluoranthene	22.79	252	77986	2.898	ng	93

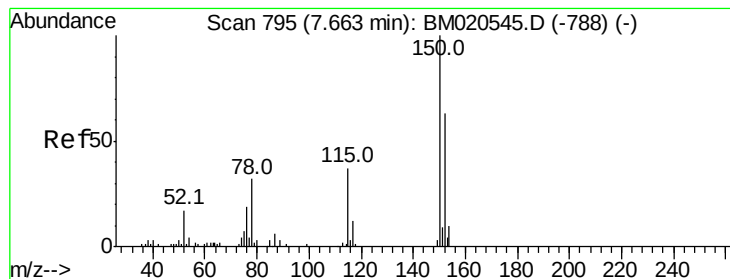
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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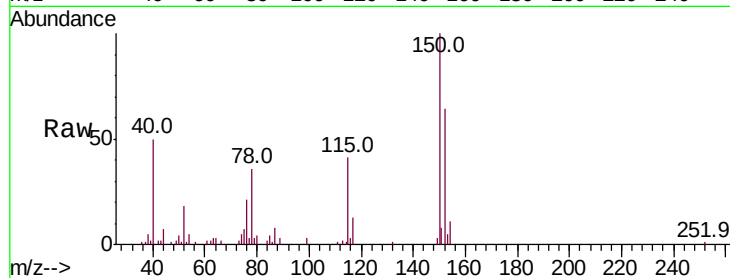


#1

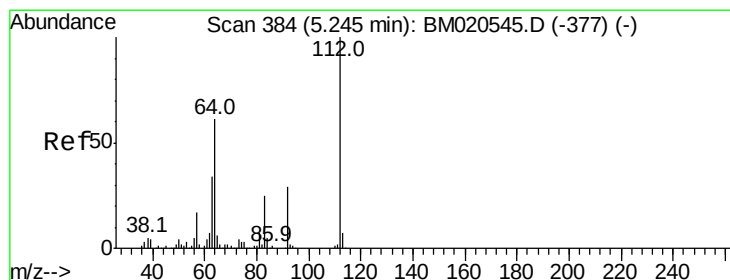
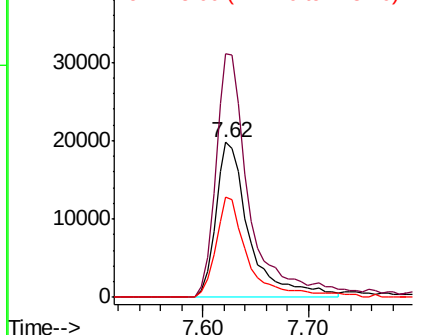
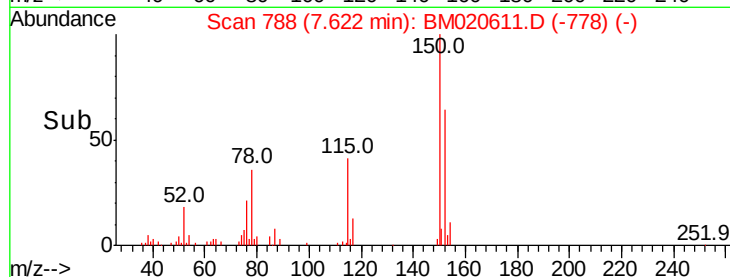
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 788
Delta R.T. -0.04 min
Lab File: BM020611.D
Acq: 29 May 2019 22:15

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

Tot Ion:152 Resp: 43956
Ion Ratio Lower Upper
152 100
150 156.9 126.6 190.0
115 64.3 46.6 70.0



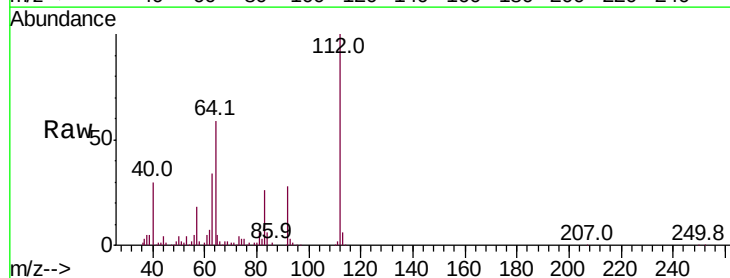
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



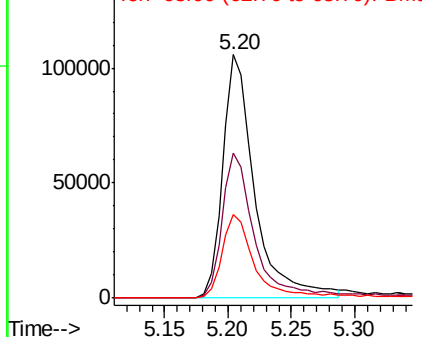
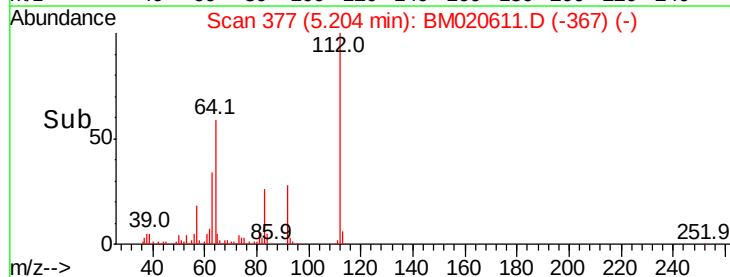
#5

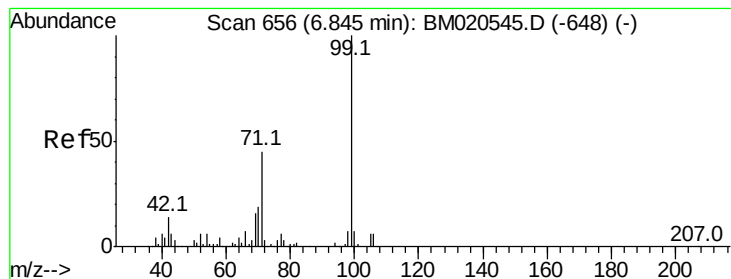
2-Fluorophenol
Concen: 82.599 ng
RT: 5.20 min Scan# 377
Delta R.T. -0.04 min
Lab File: BM020611.D
Acq: 29 May 2019 22:15

Tgt Ion:112 Resp: 185069
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: 68.780 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.04 min

Lab File: BM020611.D

Acq: 29 May 2019 22:15

Instrument :

BNA_M

ClientSampleId :

FESB-13(9.5-10)

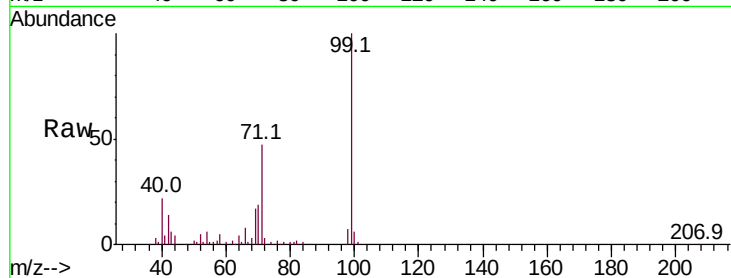
Tot Ion: 99 Resp: 232600

Ion Ratio Lower Upper

99 100

42 13.6 10.8 16.2

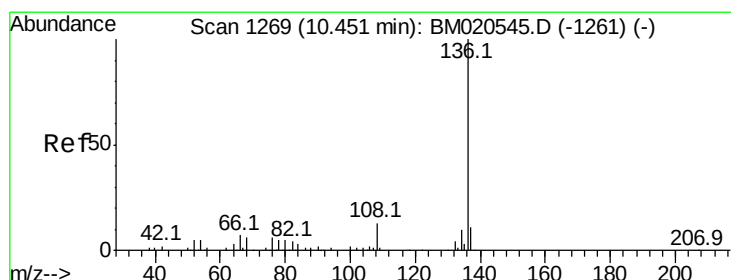
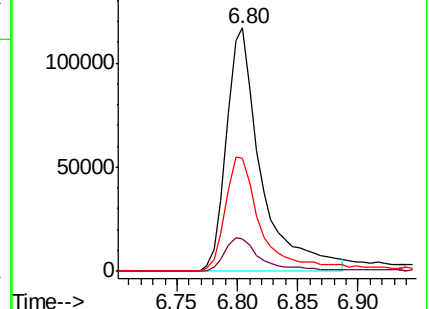
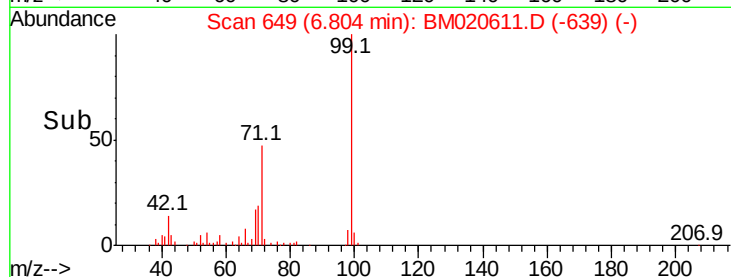
71 46.6 36.3 54.5



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. -0.04 min

Lab File: BM020611.D

Acq: 29 May 2019 22:15

Tgt Ion: 136 Resp: 131785

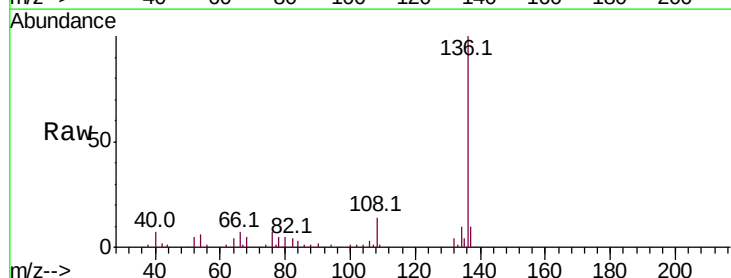
Ion Ratio Lower Upper

136 100

137 9.8 8.4 12.6

54 5.7 4.2 6.4

68 4.9 4.6 7.0

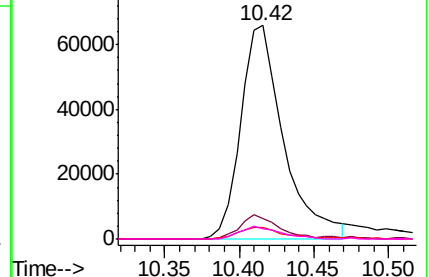
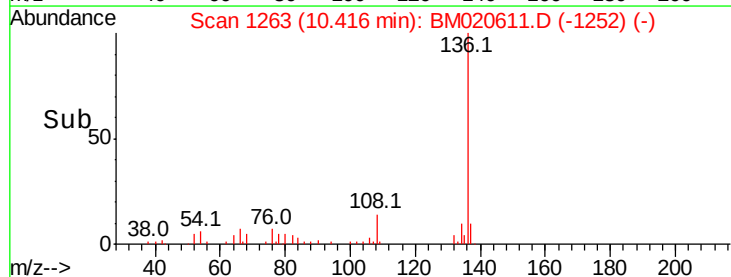


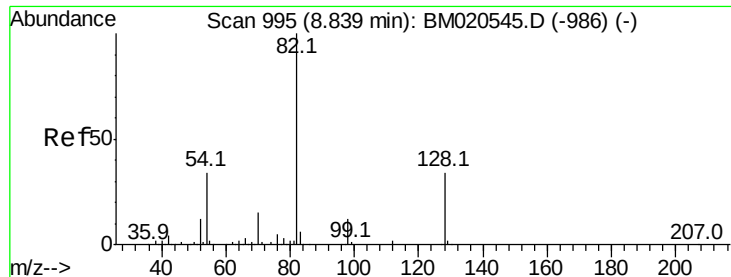
Abundance Ion 136.00 (135.70 to 136.70): BM020545.D (-1261) (-)

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) (-)

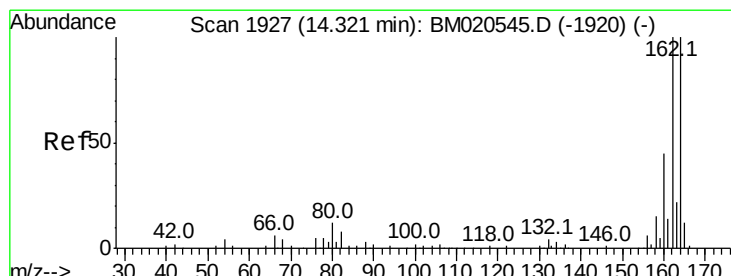
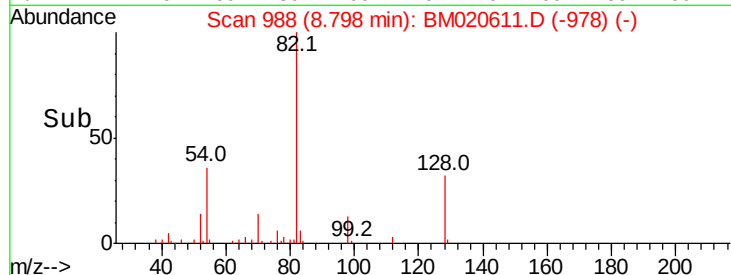
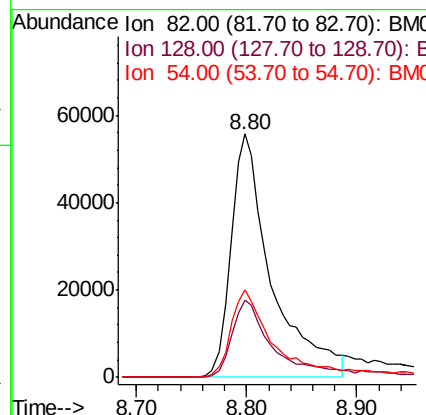
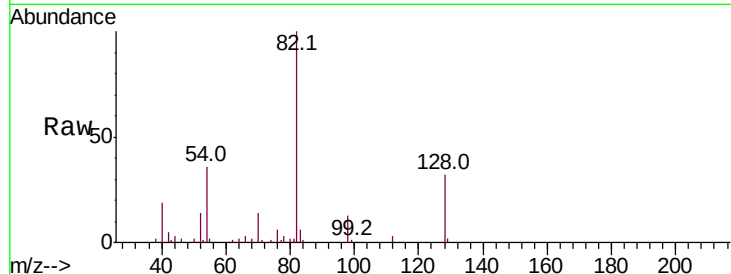




#23
 Nitrobenzene-d5
 Concen: 45.502 ng
 RT: 8.80 min Scan# 988
 Delta R.T. -0.04 min
 Lab File: BM020611.D
 Acq: 29 May 2019 22:15

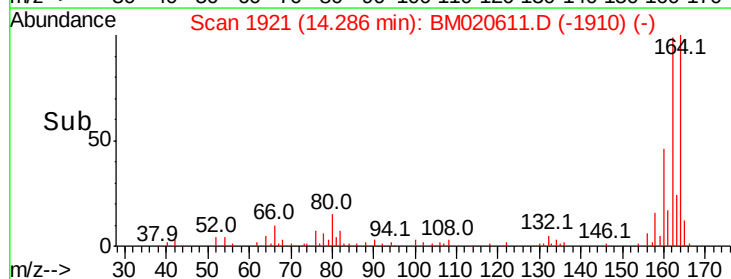
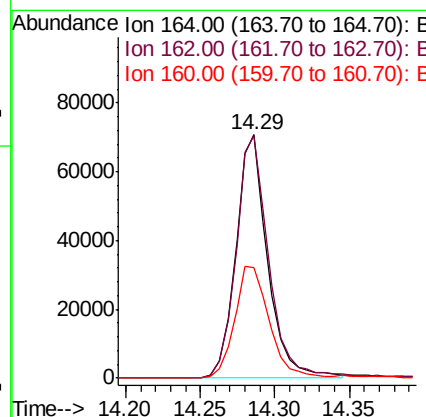
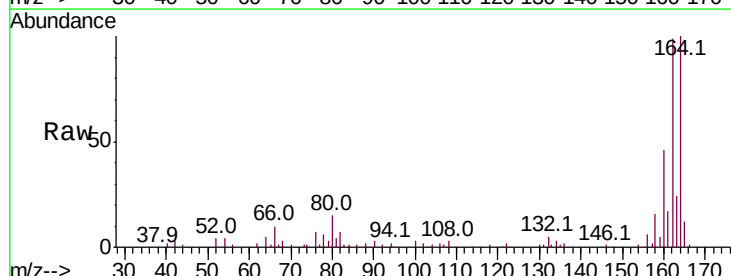
Instrument :
 BNA_M
 ClientSampleId :
 FESB-13(9.5-10)

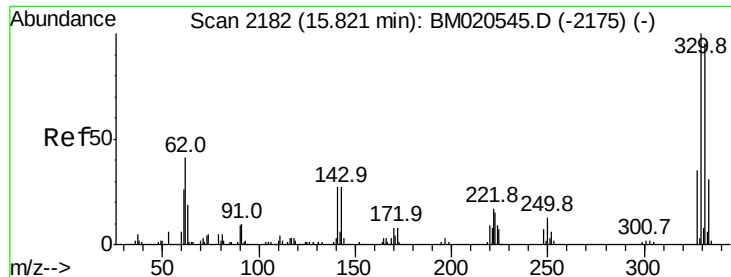
Tot Ion	82	Resp	142866
Ion Ratio	100	Lower	Upper
128	31.8	27.0	40.4
54	35.7	27.4	41.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.29 min Scan# 1921
 Delta R.T. -0.04 min
 Lab File: BM020611.D
 Acq: 29 May 2019 22:15

Tgt Ion	164	Resp	104522
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	99.4	79.8	119.8
160	45.5	35.9	53.9





#42

2,4,6-Tribromophenol

Concen: 69.896 ng

RT: 15.79 min Scan# 2176

Delta R.T. -0.04 min

Lab File: BM020611.D

Acq: 29 May 2019 22:15

Instrument :

BNA_M

ClientSampleId :

FESB-13(9.5-10)

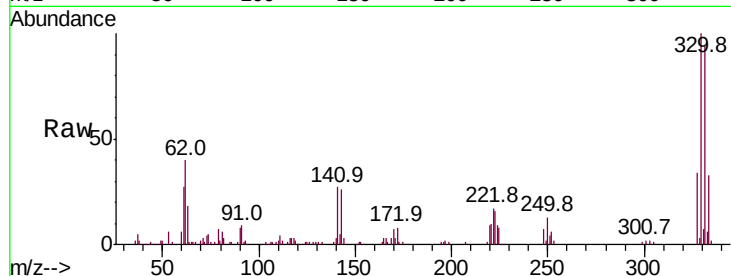
Tot Ion:330 Resp: 146366

Ion Ratio Lower Upper

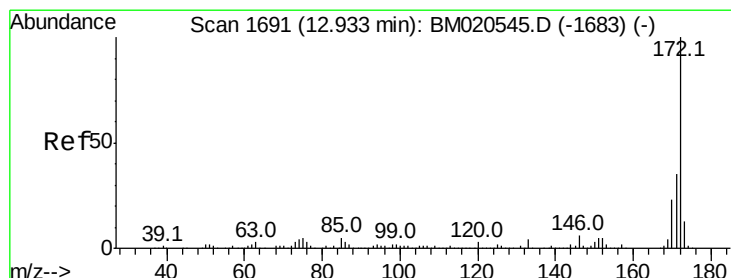
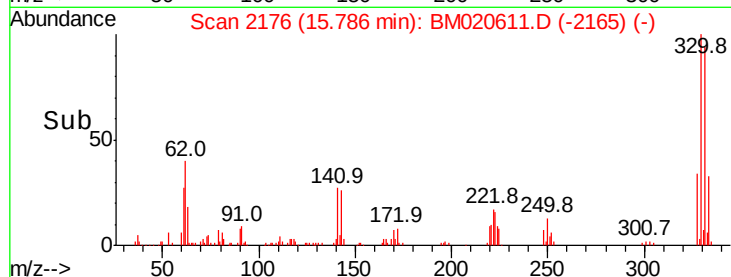
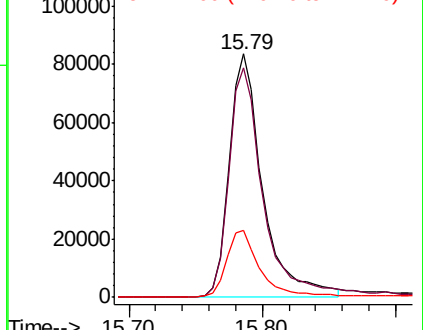
330 100

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: 43.499 ng

RT: 12.90 min Scan# 1685

Delta R.T. -0.04 min

Lab File: BM020611.D

Acq: 29 May 2019 22:15

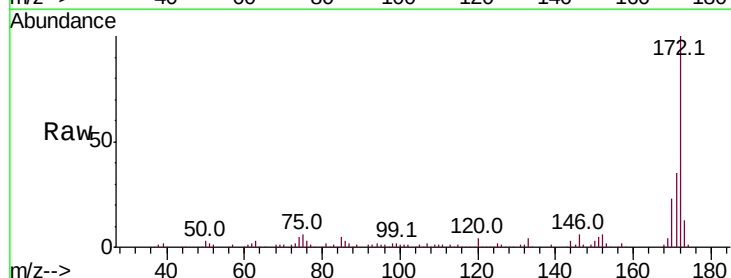
Tgt Ion:172 Resp: 362334

Ion Ratio Lower Upper

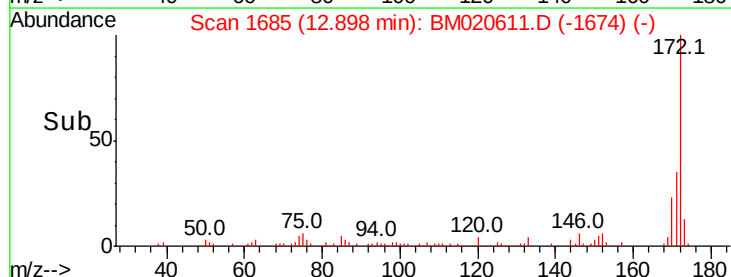
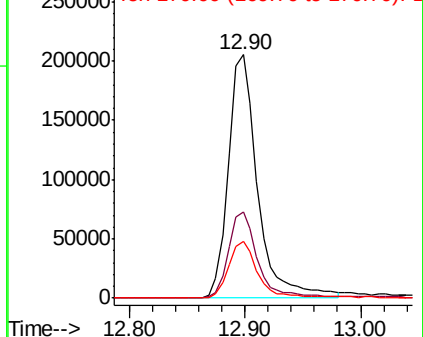
172 100

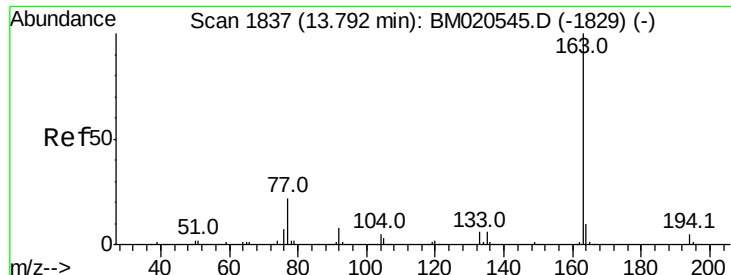
171 35.3 27.9 41.9

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: 5.479 ng

RT: 13.75 min Scan# 1830

Delta R.T. -0.04 min

Lab File: BM020611.D

Acq: 29 May 2019 22:15

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ClientSampleId :

FESB-13(9.5-10)

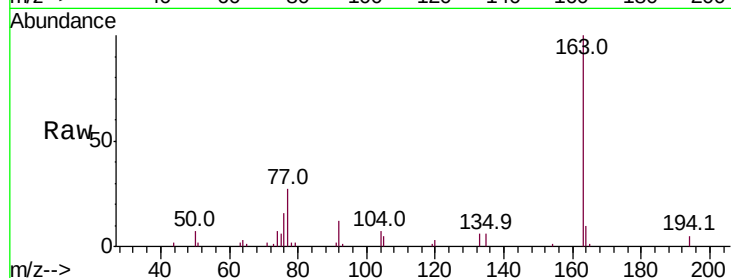
Tot Ion:163 Resp: 50725

Ion Ratio Lower Upper

163 100

194 5.0 3.9 5.9

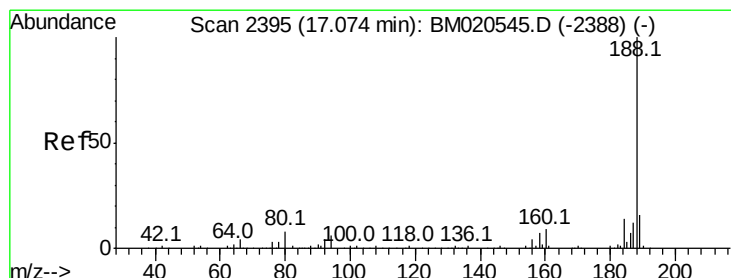
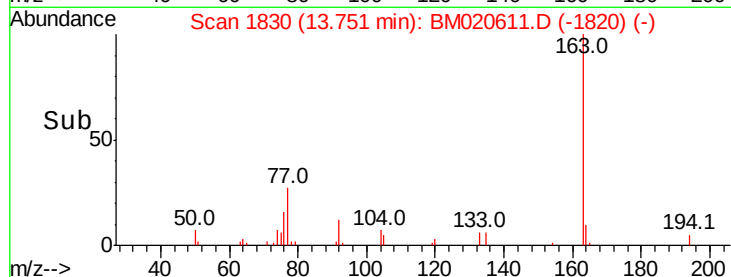
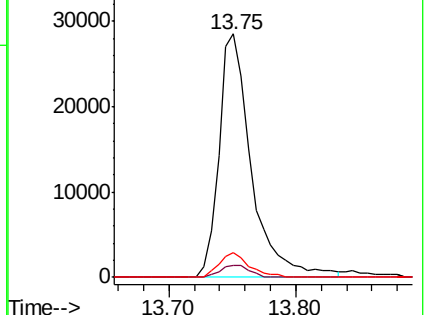
164 10.0 8.0 12.0



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. -0.04 min

Lab File: BM020611.D

Acq: 29 May 2019 22:15

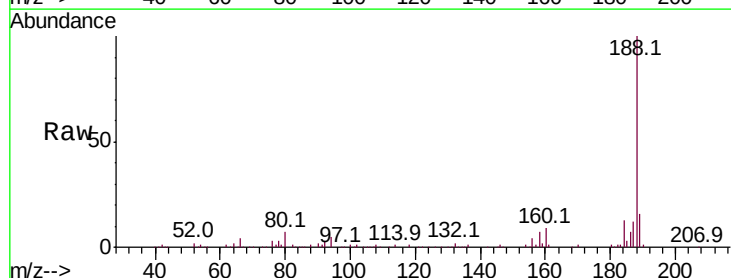
Tgt Ion:188 Resp: 266061

Ion Ratio Lower Upper

188 100

94 5.2 5.0 7.4

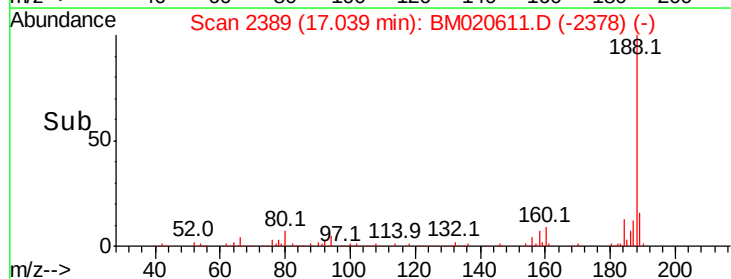
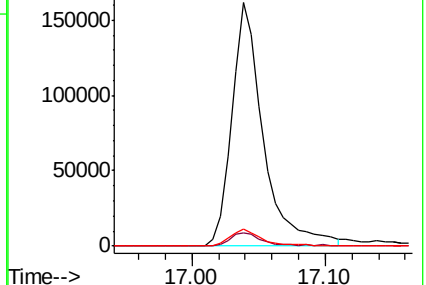
80 7.0 6.5 9.7

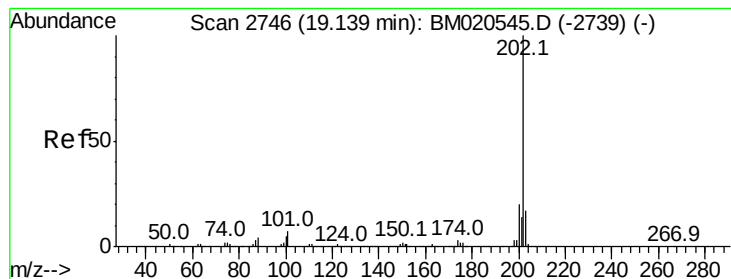


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Fluoranthene

Concen: 2.257 ng

RT: 19.10 min Scan# 2740

Delta R.T. -0.04 min

Lab File: BM020611.D

Acq: 29 May 2019 22:15

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ClientSampleId :

FESB-13(9.5-10)

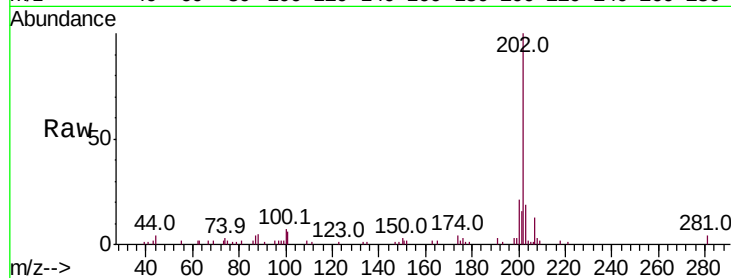
Tot Ion:202 Resp: 45369

Ion Ratio Lower Upper

202 100

101 6.1 0.0 26.7

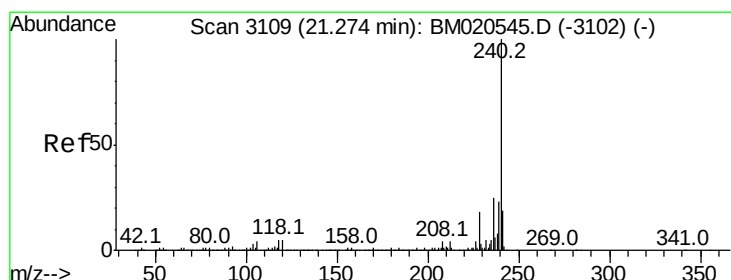
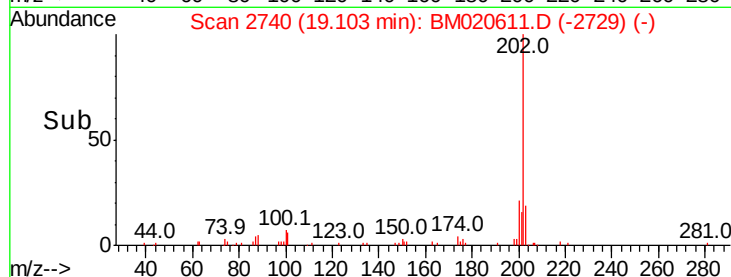
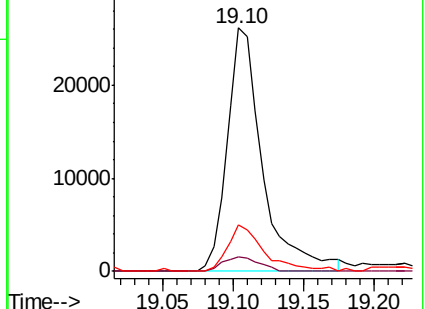
203 19.1 0.0 37.4



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. -0.04 min

Lab File: BM020611.D

Acq: 29 May 2019 22:15

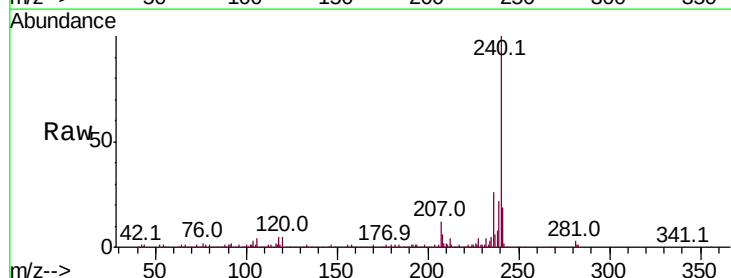
Tgt Ion:240 Resp: 344057

Ion Ratio Lower Upper

240 100

120 4.5 4.1 6.1

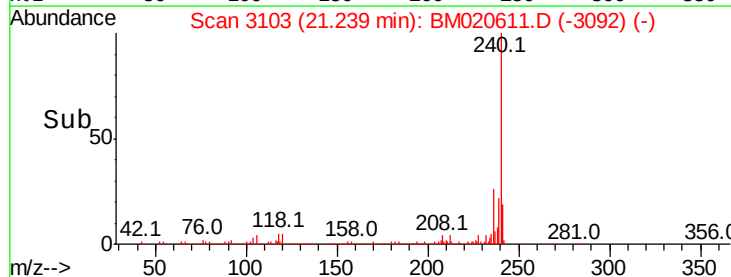
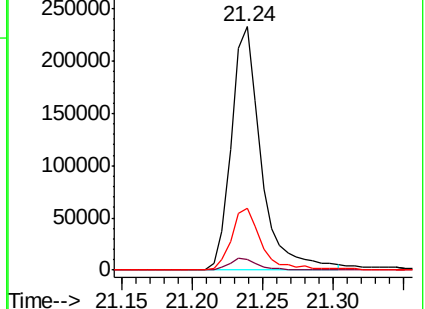
236 25.5 20.2 30.4

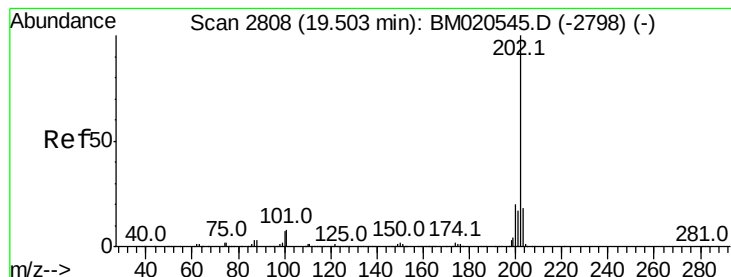


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.299 ng

RT: 19.47 min Scan# 2802

Delta R.T. -0.04 min

Lab File: BM020611.D

Acq: 29 May 2019 22:15

Instrument :

BNA_M

ClientSampleId :

FESB-13(9.5-10)

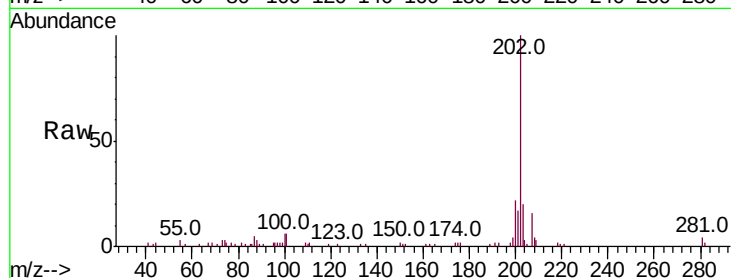
Tot Ion:202 Resp: 49655

Ion Ratio Lower Upper

202 100

200 22.3 16.0 24.0

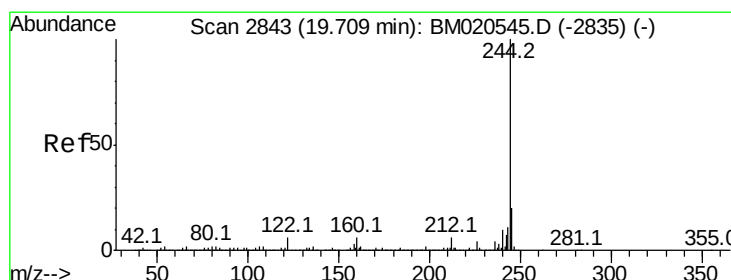
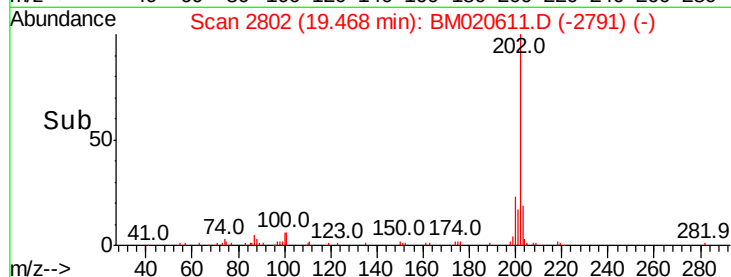
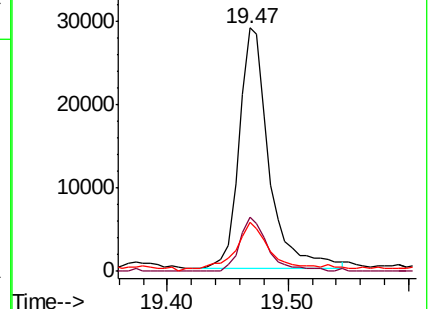
203 20.2 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 40.776 ng

RT: 19.67 min Scan# 2837

Delta R.T. -0.04 min

Lab File: BM020611.D

Acq: 29 May 2019 22:15

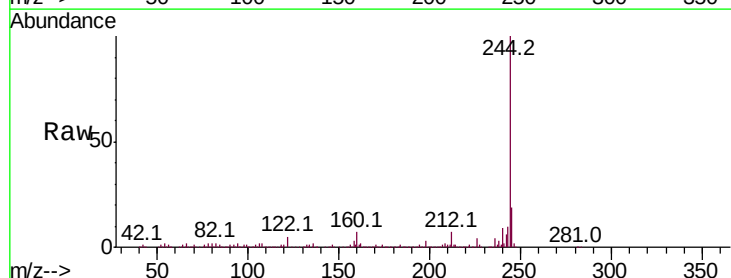
Tgt Ion:244 Resp: 776053

Ion Ratio Lower Upper

244 100

212 6.9 5.0 7.6

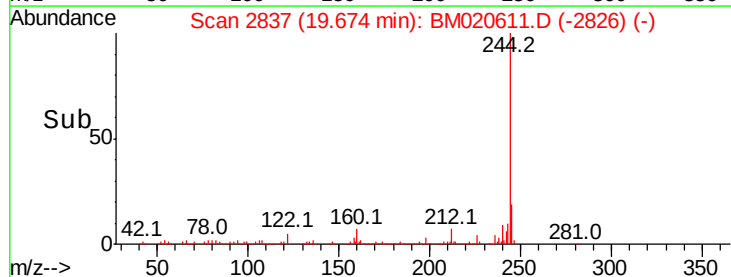
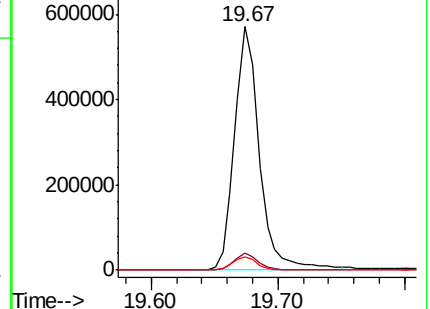
122 5.5 4.6 7.0

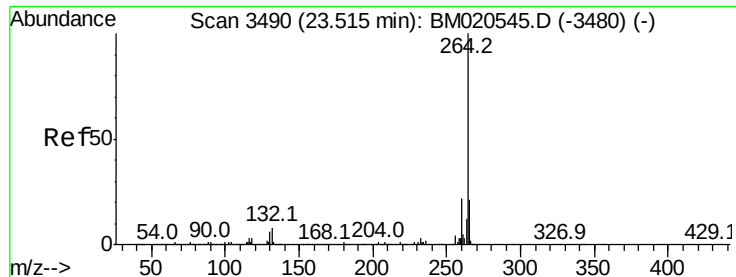


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.46 min Scan# 3480

Delta R.T. -0.06 min

Lab File: BM020611.D

Acq: 29 May 2019 22:15

Instrument :

BNA_M

ClientSampleId :

FESB-13(9.5-10)

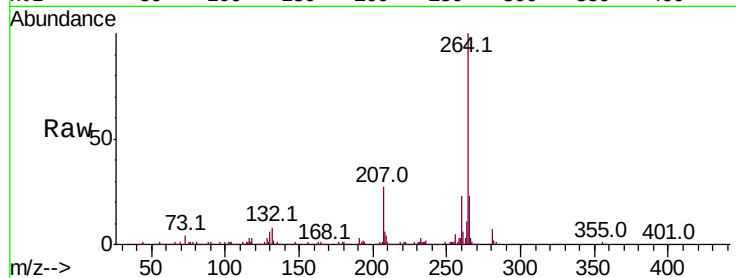
Tot Ion:264 Resp: 423633

Ion Ratio Lower Upper

264 100

260 23.4 17.7 26.5

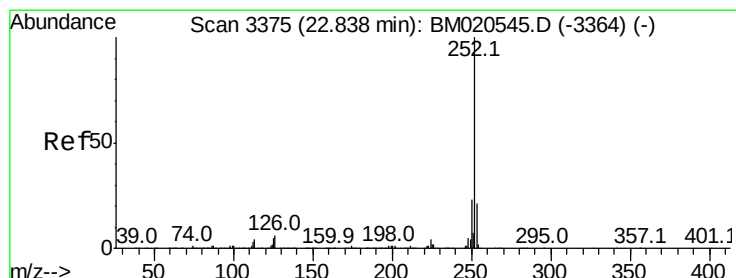
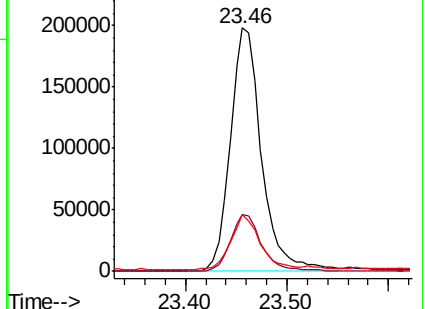
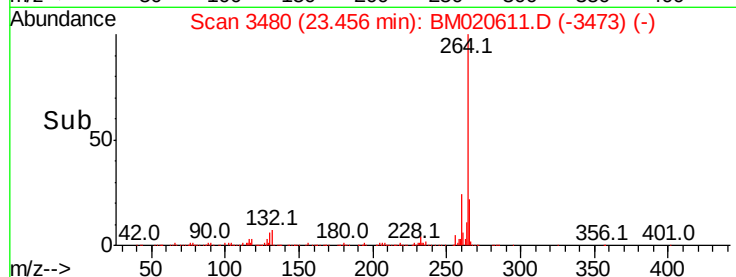
265 23.2 17.4 26.2



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: 2.654 ng

RT: 22.79 min Scan# 3367

Delta R.T. -0.05 min

Lab File: BM020611.D

Acq: 29 May 2019 22:15

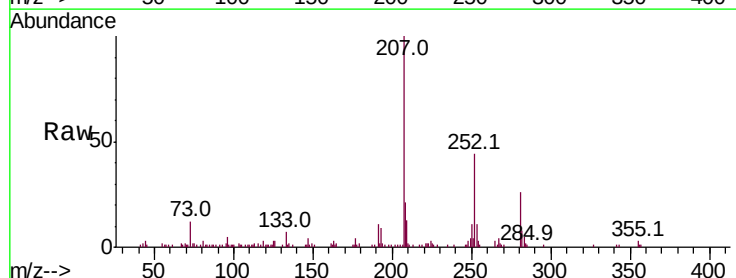
Tgt Ion:252 Resp: 73595

Ion Ratio Lower Upper

252 100

253 26.1 17.1 25.7#

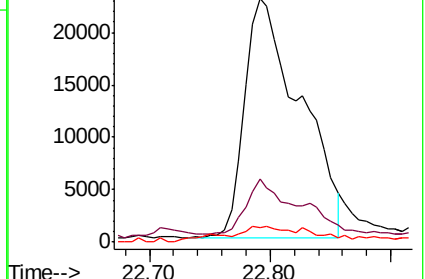
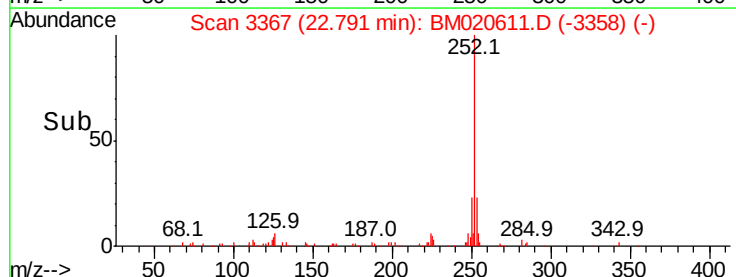
125 6.2 3.8 5.8#

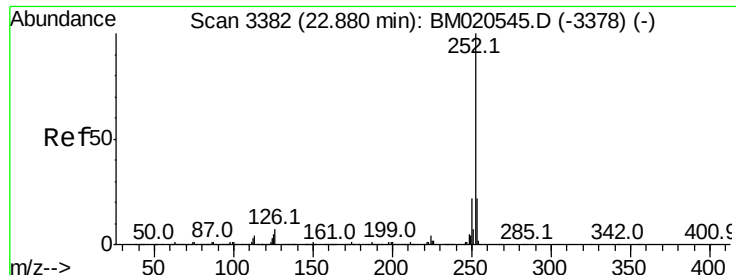


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 2.898 ng

RT: 22.79 min Scan# 3367

Delta R.T. -0.09 min

Lab File: BM020611.D

Acq: 29 May 2019 22:15

Instrument :

BNA_M

ClientSampleId :

FESB-13(9.5-10)

Tot Ion: 252 Resp: 77986

Ion Ratio Lower Upper

252 100

253 26.1 17.6 26.4

125 6.2 4.2 6.4

