

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
 Data File : BM020605.D
 Acq On : 29 May 2019 18:35
 Operator : JU/SJ
 Sample : K2966-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FESB-17(1.9-2.4)

Quant Time: May 30 01:58:39 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

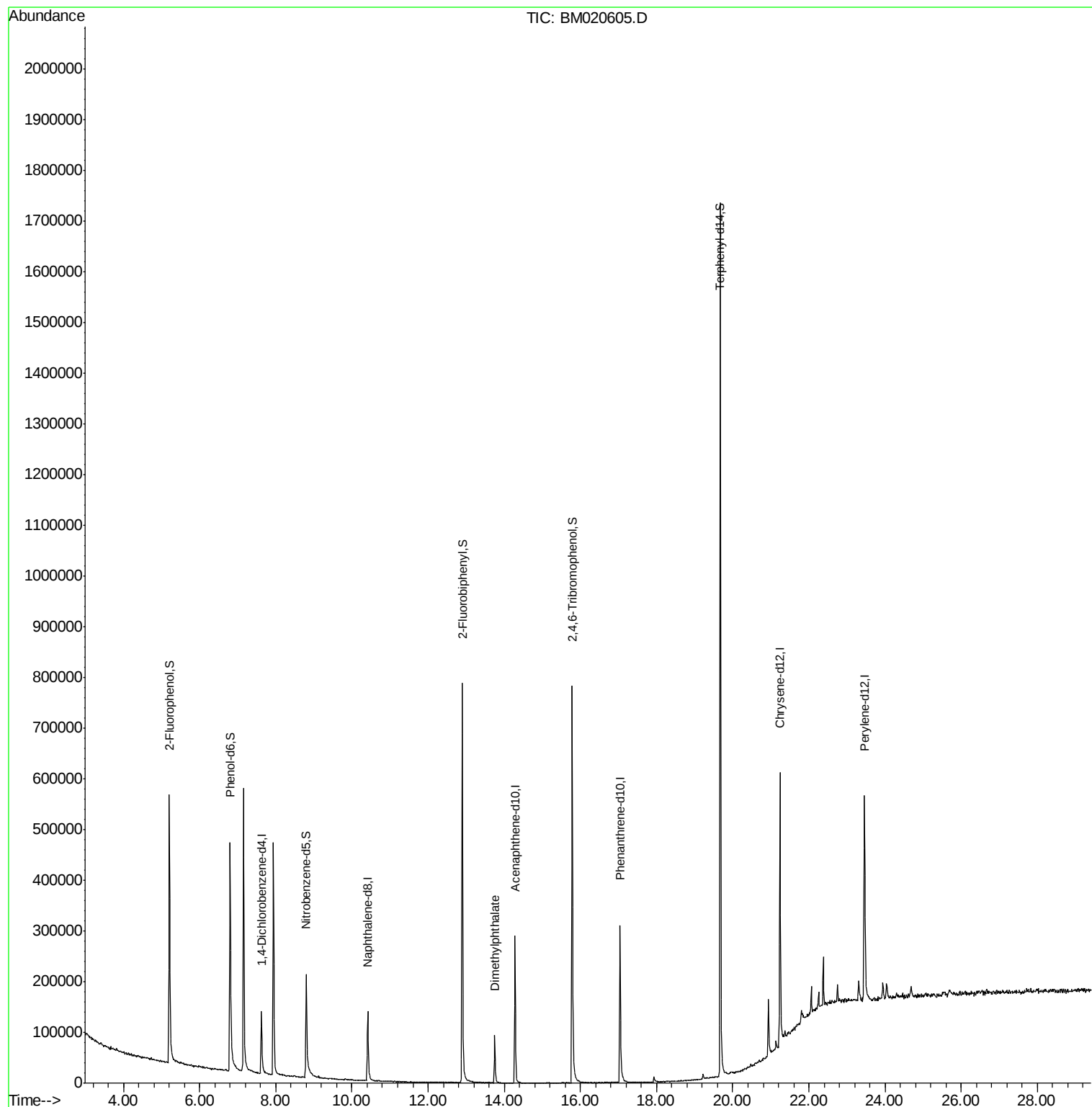
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	41596	20.00	ng	-0.04
21) Naphthalene-d8	10.42	136	129534	20.00	ng	-0.04
39) Acenaphthene-d10	14.29	164	93861	20.00	ng	-0.04
64) Phenanthrene-d10	17.04	188	236182	20.00	ng	-0.04
76) Chrysene-d12	21.24	240	303095	20.00	ng	-0.04
87) Perylene-d12	23.46	264	367687	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	243235	114.72	ng	-0.04
7) Phenol-d6	6.80	99	306708	95.84	ng	-0.04
23) Nitrobenzene-d5	8.80	82	190010	61.57	ng	-0.04
42) 2,4,6-Tribromophenol	15.79	330	184640	98.19	ng	-0.04
45) 2-Fluorobiphenyl	12.90	172	440381	58.87	ng	-0.04
79) Terphenyl-d14	19.67	244	927044	55.29	ng	-0.04
Target Compounds						
50) Dimethylphthalate	13.75	163	67416	8.109	ng	Qvalue 98

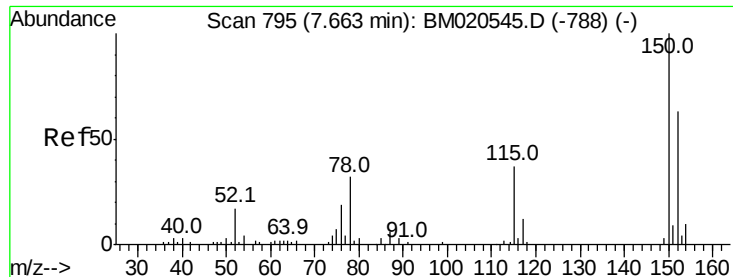
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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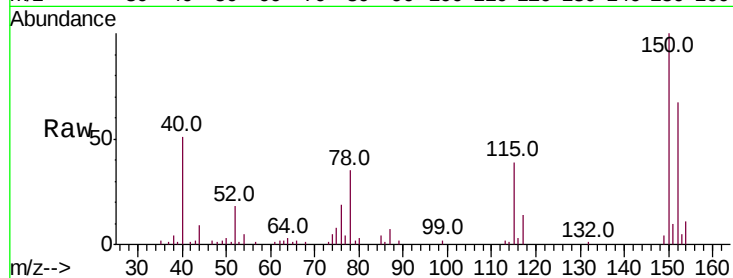


#1

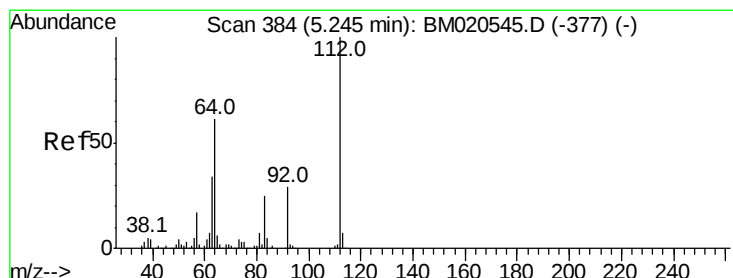
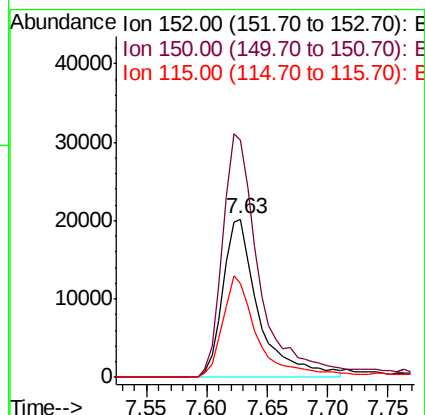
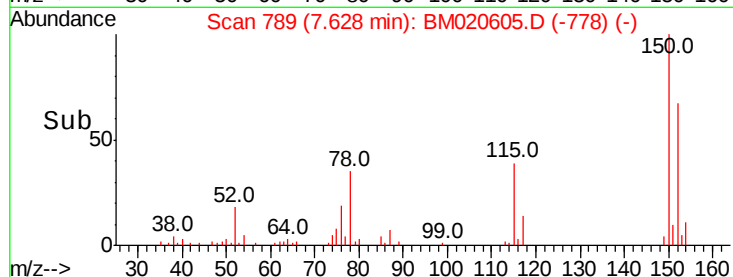
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.04 min
Lab File: BM020605.D
Acq: 29 May 2019 18:35

Instrument :
BNA_M
ClientSampleId :
FESB-17(1.9-2.4)

Tot Ion:152 Resp: 41596
Ion Ratio Lower Upper
152 100
150 149.9 126.6 190.0
115 59.0 46.6 70.0



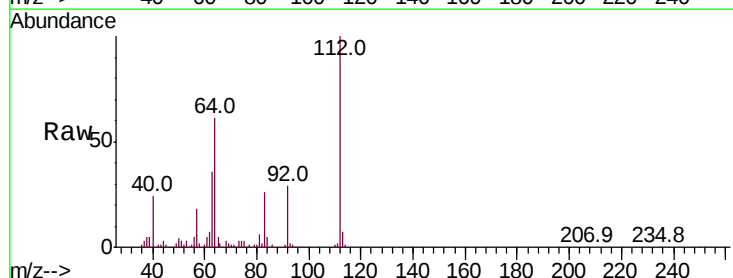
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



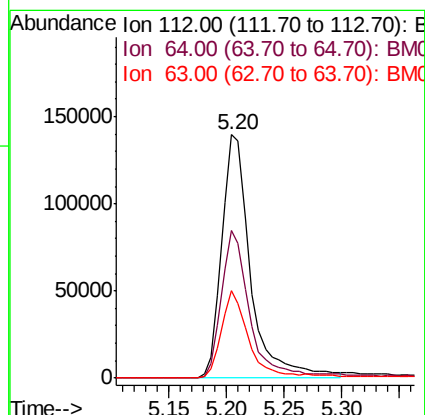
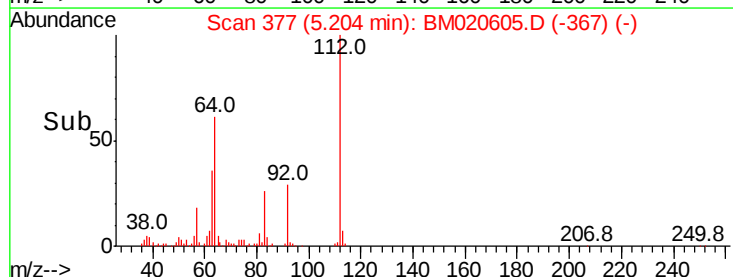
#5

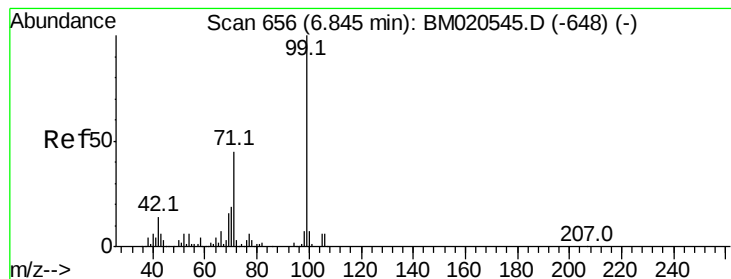
2-Fluorophenol
Concen: 114.718 ng
RT: 5.20 min Scan# 377
Delta R.T. -0.04 min
Lab File: BM020605.D
Acq: 29 May 2019 18:35

Tgt Ion:112 Resp: 243235
Ion Ratio Lower Upper
112 100
64 60.7 48.6 73.0
63 36.0 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: 95.839 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.04 min

Lab File: BM020605.D

Acq: 29 May 2019 18:35

Instrument :

BNA_M

ClientSampleId :

FESB-17(1.9-2.4)

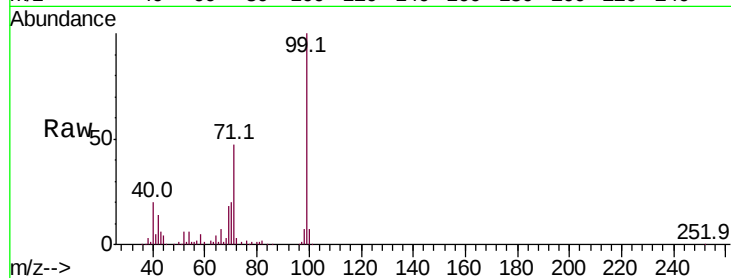
Tot Ion: 99 Resp: 306708

Ion Ratio Lower Upper

99 100

42 14.1 10.8 16.2

71 47.4 36.3 54.5



Abundance

Ion 99.00 (98.70 to 99.70): BM020605.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM020605.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM020605.D (-639) (-)

200000

150000

100000

50000

0

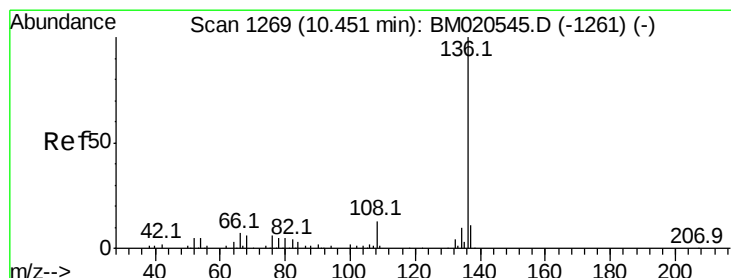
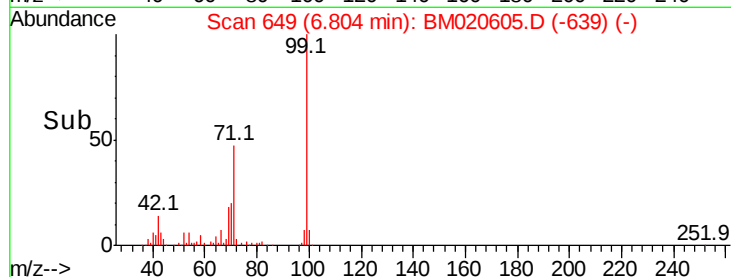
6.80

6.75

6.85

6.90

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1263

Delta R.T. -0.04 min

Lab File: BM020605.D

Acq: 29 May 2019 18:35

Tgt Ion: 136 Resp: 129534

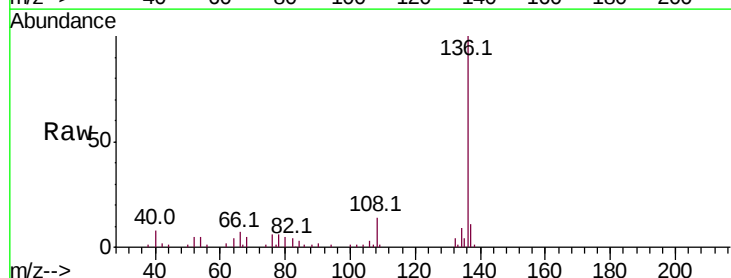
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 5.4 4.2 6.4

68 4.9 4.6 7.0



Abundance

Ion 136.00 (135.70 to 136.70): BM020605.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM020605.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM020605.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM020605.D (-1252) (-)

100000

80000

60000

40000

20000

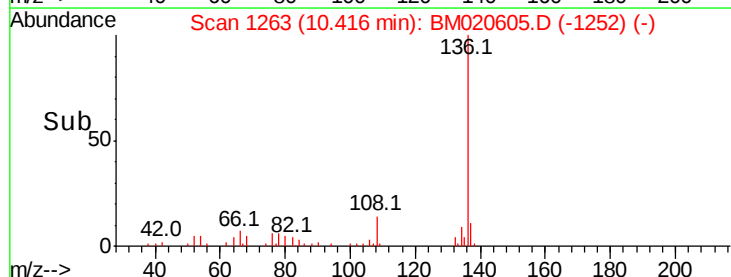
0

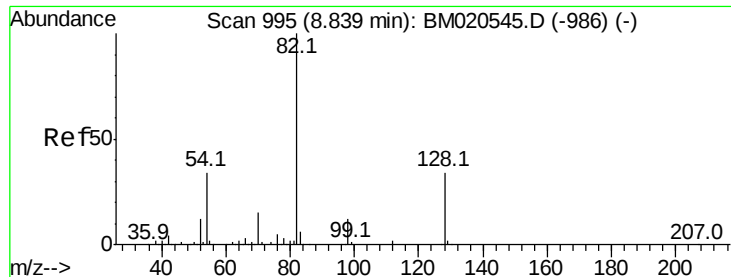
10.42

10.40

10.50

Time-->

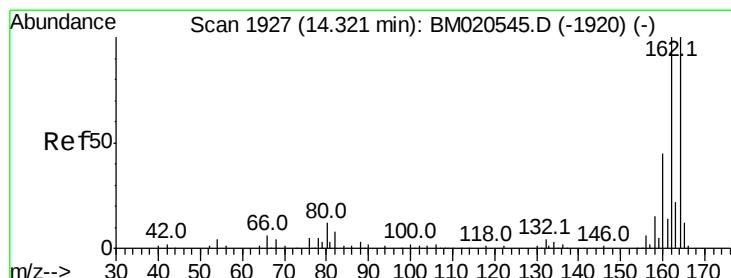
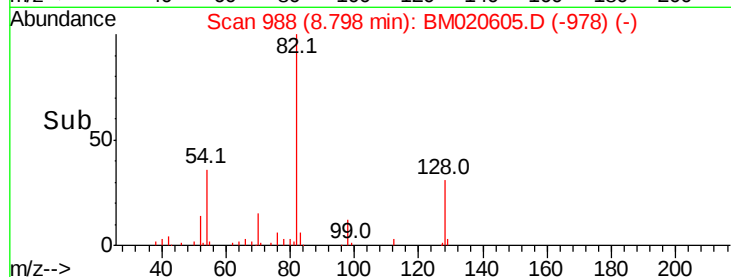
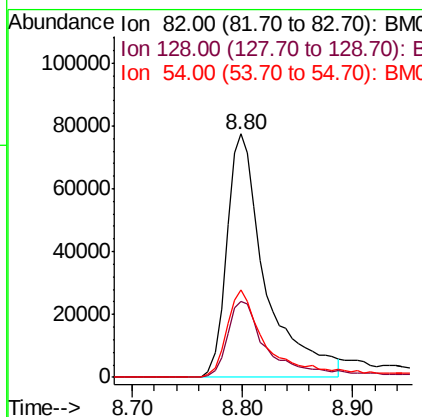
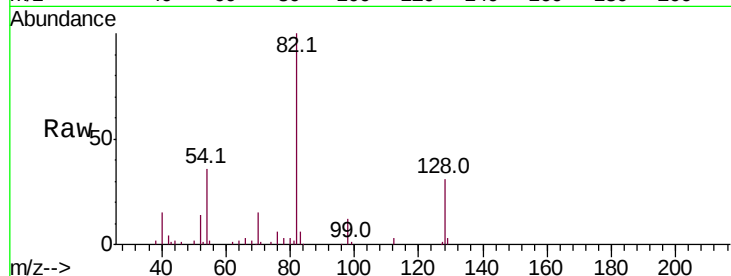




#23
 Nitrobenzene-d5
 Concen: 61.569 ng
 RT: 8.80 min Scan# 988
 Delta R.T. -0.04 min
 Lab File: BM020605.D
 Acq: 29 May 2019 18:35

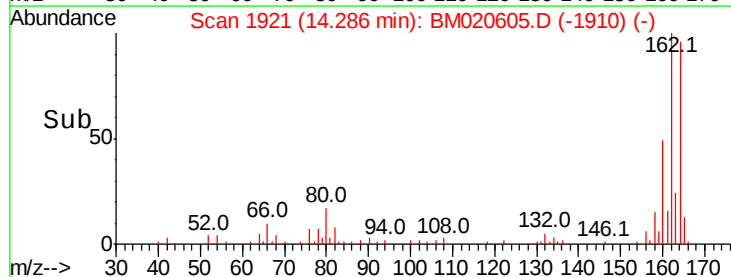
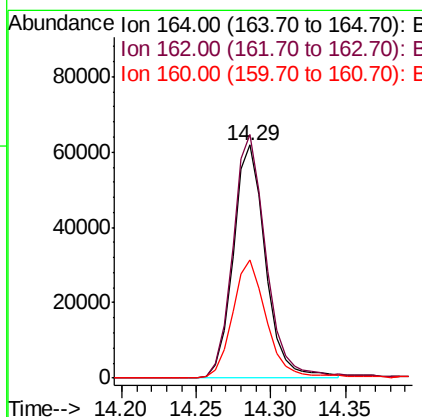
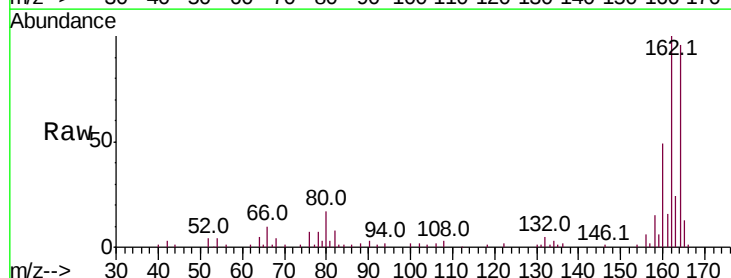
Instrument :
 BNA_M
 ClientSampleId :
 FESB-17(1.9-2.4)

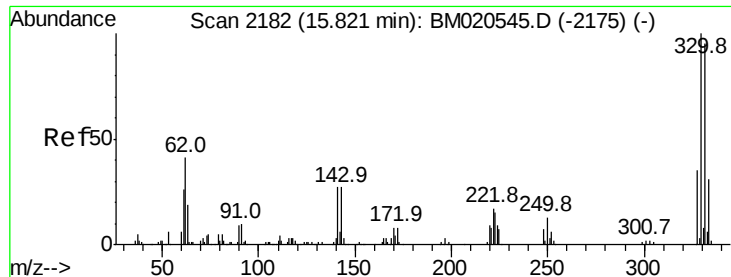
Tot Ion	82	Resp	190010
Ion Ratio	Lower	Upper	
82	100		
128	31.2	27.0	40.4
54	36.1	27.4	41.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.29 min Scan# 1921
 Delta R.T. -0.04 min
 Lab File: BM020605.D
 Acq: 29 May 2019 18:35

Tgt Ion	164	Resp	93861
Ion Ratio	Lower	Upper	
164	100		
162	104.5	79.8	119.8
160	50.8	35.9	53.9





#42

2,4,6-Tribromophenol

Concen: 98.188 ng

RT: 15.79 min Scan# 2176

Delta R.T. -0.04 min

Lab File: BM020605.D

Acq: 29 May 2019 18:35

Instrument :

BNA_M

ClientSampleId :

FESB-17(1.9-2.4)

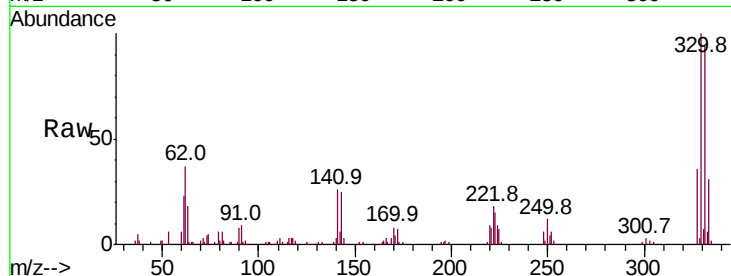
Tot Ion:330 Resp: 184640

Ion Ratio Lower Upper

330 100

332 96.4 77.5 116.3

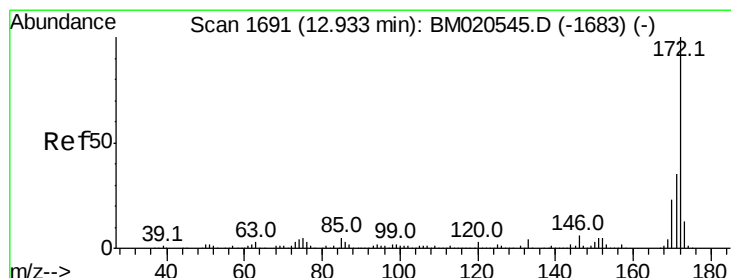
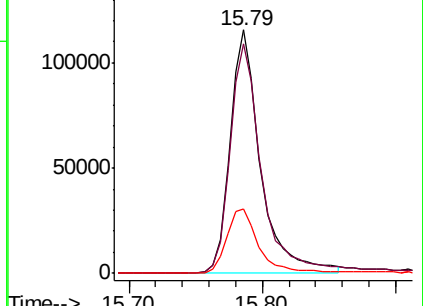
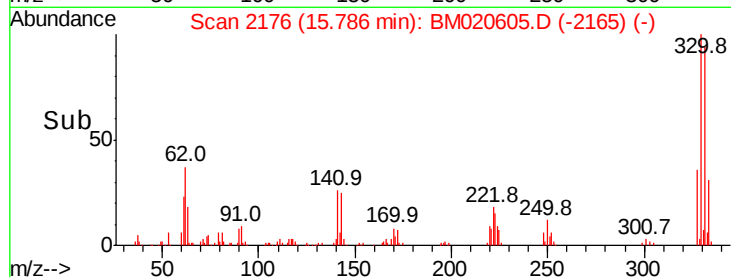
141 27.9 21.7 32.5



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: 58.874 ng

RT: 12.90 min Scan# 1685

Delta R.T. -0.04 min

Lab File: BM020605.D

Acq: 29 May 2019 18:35

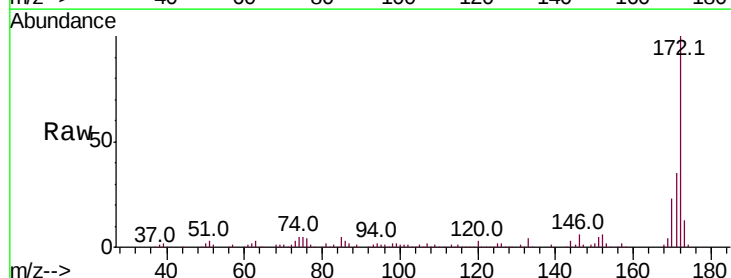
Tgt Ion:172 Resp: 440381

Ion Ratio Lower Upper

172 100

171 34.8 27.9 41.9

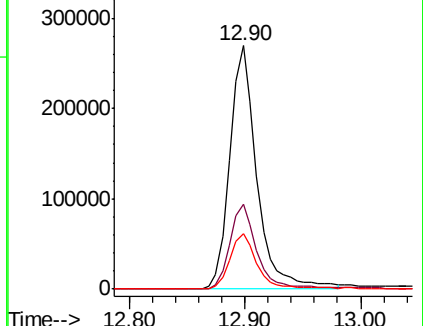
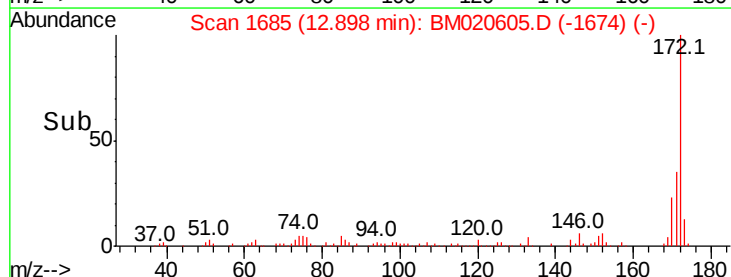
170 22.6 18.2 27.4

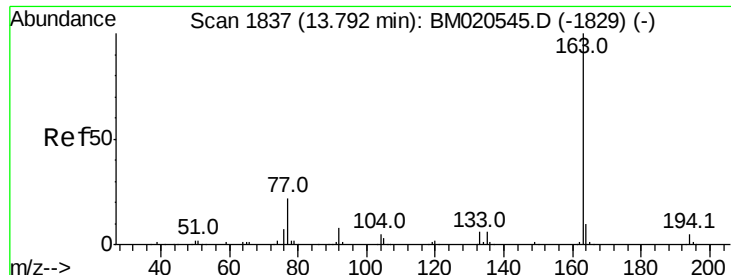


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 8.109 ng

RT: 13.75 min Scan# 1830

Delta R.T. -0.04 min

Lab File: BM020605.D

Acq: 29 May 2019 18:35

Instrument :

BNA_M

ClientSampleId :

FESB-17(1.9-2.4)

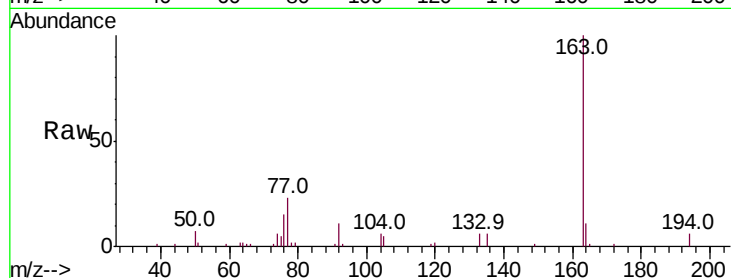
Tot Ion:163 Resp: 67416

Ion Ratio Lower Upper

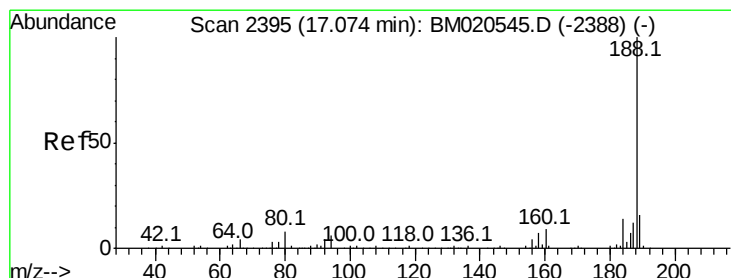
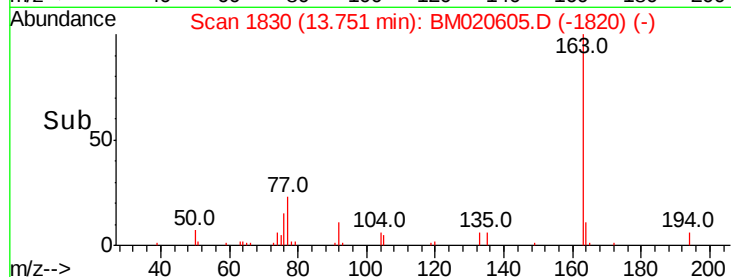
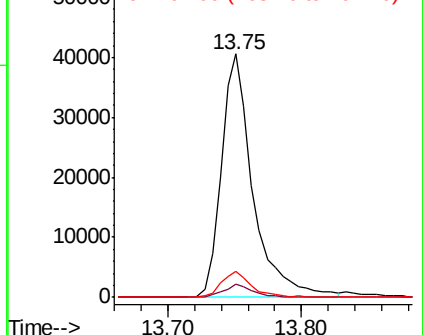
163 100

194 5.6 3.9 5.9

164 10.6 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: BM020605.D

Acq: 29 May 2019 18:35

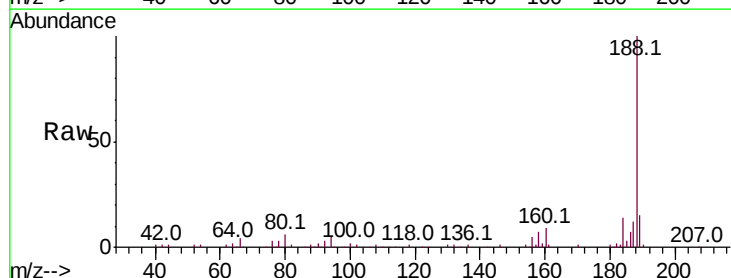
Tgt Ion:188 Resp: 236182

Ion Ratio Lower Upper

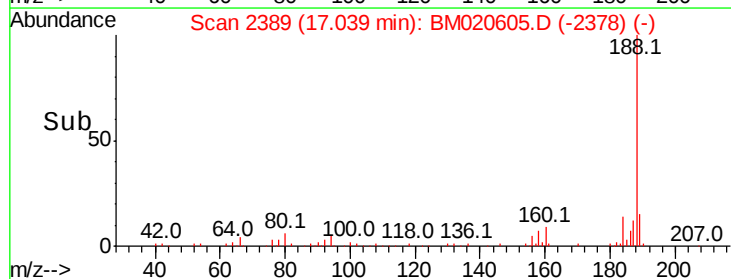
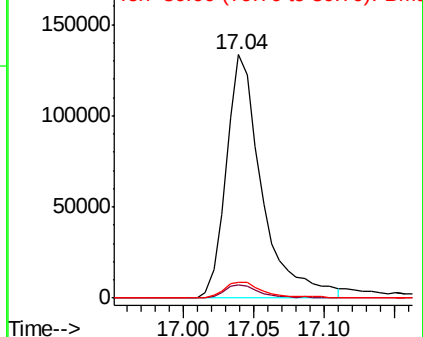
188 100

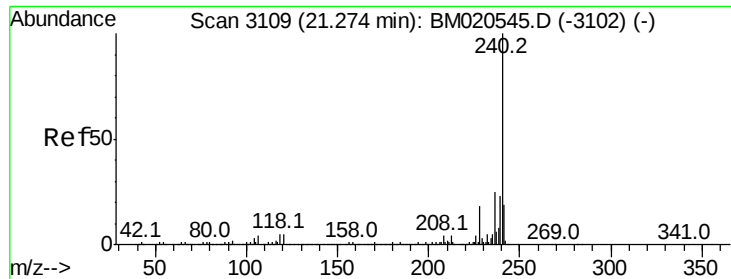
94 5.5 5.0 7.4

80 6.5 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

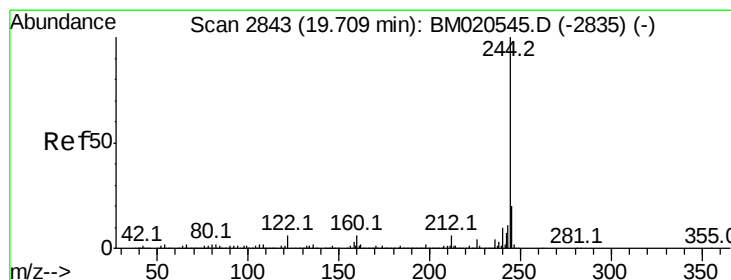
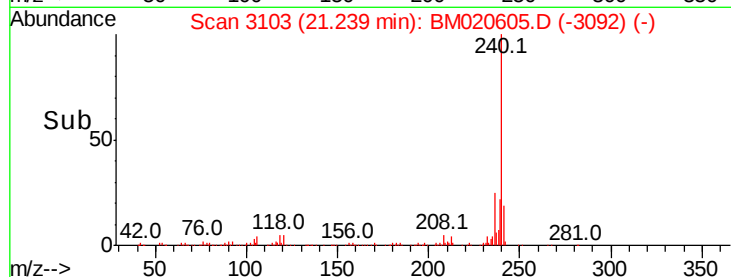
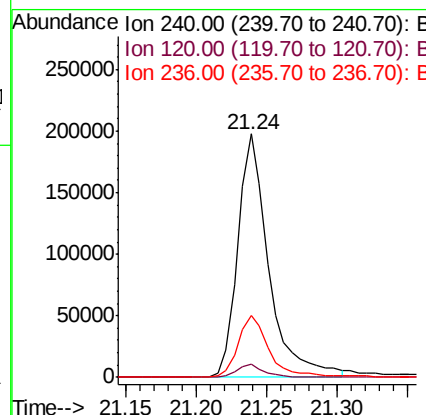
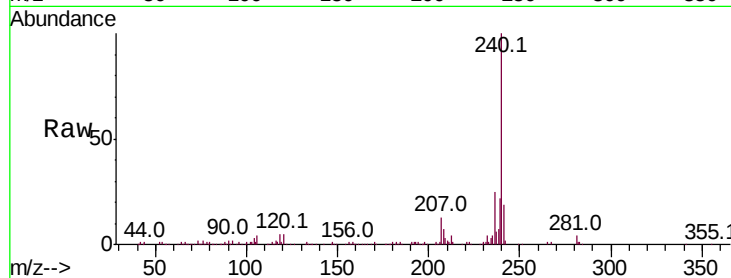




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.24 min Scan# 3103
 Delta R.T. -0.04 min
 Lab File: BM020605.D
 Acq: 29 May 2019 18:35

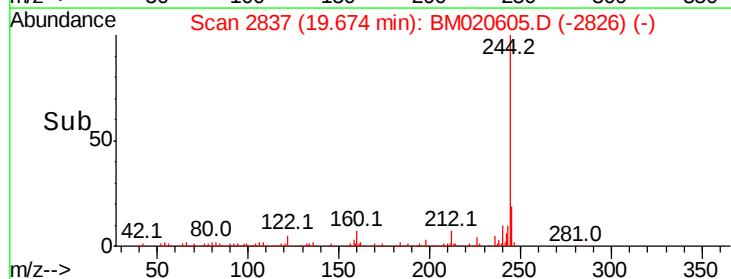
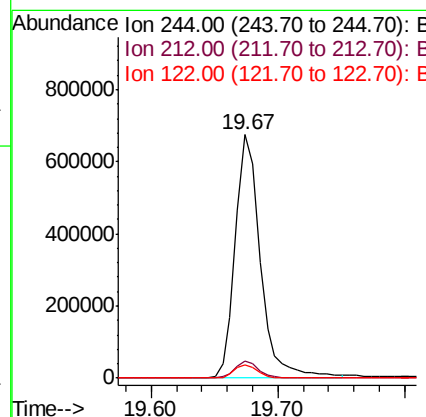
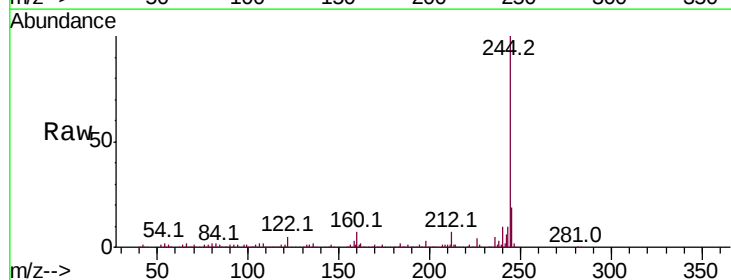
Instrument :
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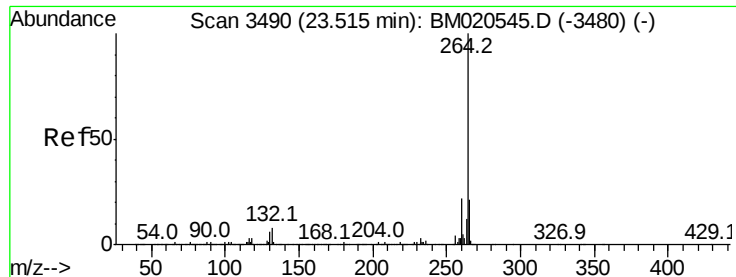
Tot Ion:240 Resp: 303095
 Ion Ratio Lower Upper
 240 100
 120 5.2 4.1 6.1
 236 25.2 20.2 30.4



#79
 Terphenyl-d14
 Concen: 55.293 ng
 RT: 19.67 min Scan# 2837
 Delta R.T. -0.04 min
 Lab File: BM020605.D
 Acq: 29 May 2019 18:35

Tgt Ion:244 Resp: 927044
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.0 7.6
 122 5.5 4.6 7.0





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.46 min Scan# 3481
 Delta R.T. -0.05 min
 Lab File: BM020605.D
 Acq: 29 May 2019 18:35

Instrument :
 BNA_M
 ClientSampleId :
 FESB-17(1.9-2.4)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.7	26.5
265	22.4	17.4	26.2

