

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052319\
 Data File : BM020515.D
 Acq On : 23 May 2019 14:43
 Operator : JU/SJ
 Sample : K2966-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FESB-15(1.2-1.7)

Quant Time: May 24 02:06:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 13:59:00 2019
 Response via : Initial Calibration

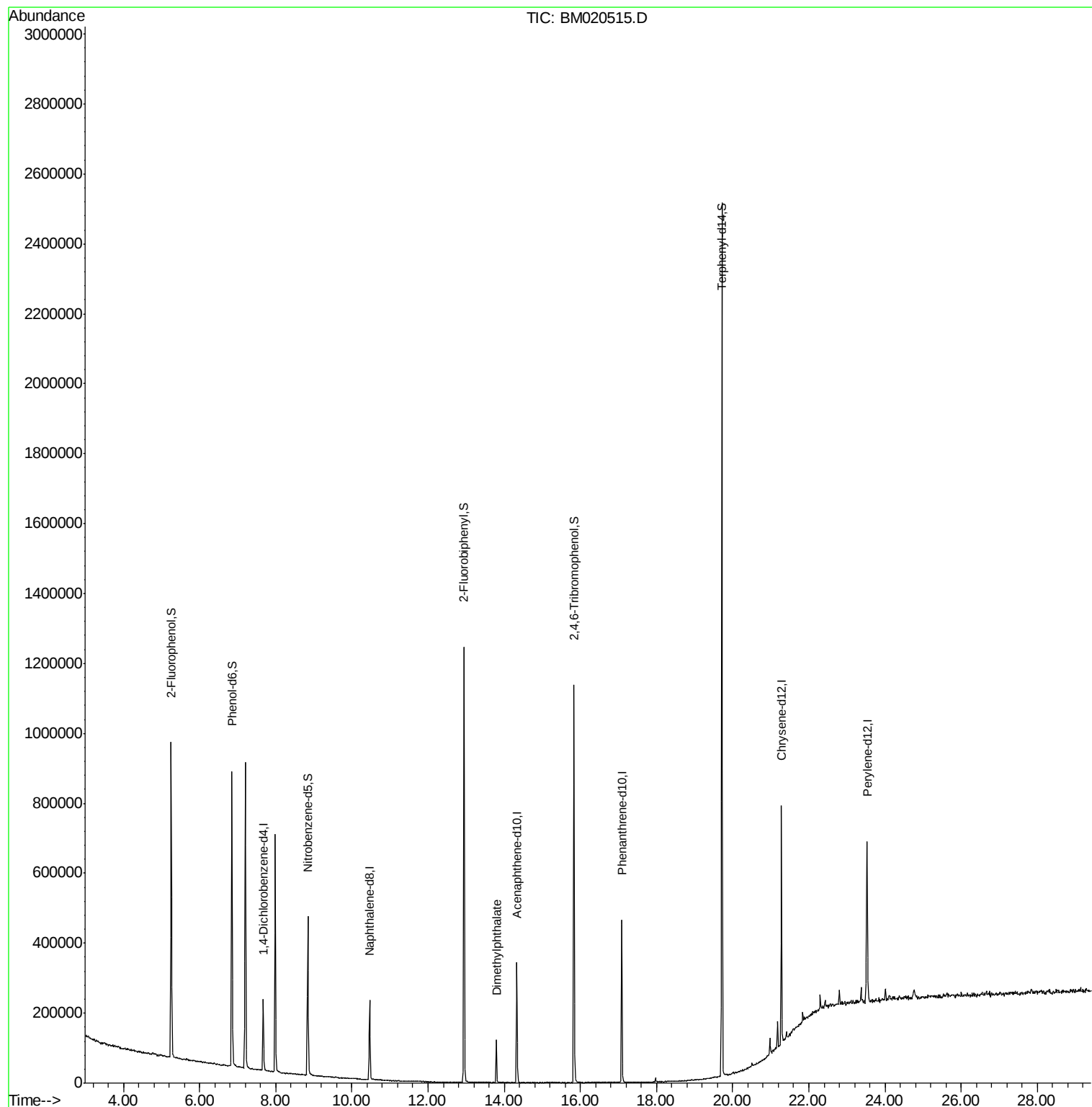
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	54737	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	182120	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	113192	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	284514	20.00	ng	0.00
76) Chrysene-d12	21.28	240	318559	20.00	ng	0.00
87) Perylene-d12	23.53	264	361574	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	362817	108.35	ng	0.00
7) Phenol-d6	6.85	99	490245	107.16	ng	0.00
23) Nitrobenzene-d5	8.84	82	314468	68.17	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	224332	127.68	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	647745	70.41	ng	0.00
79) Terphenyl-d14	19.72	244	1183621	64.81	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.79	163	80476	8.365	ng	Qvalue 98

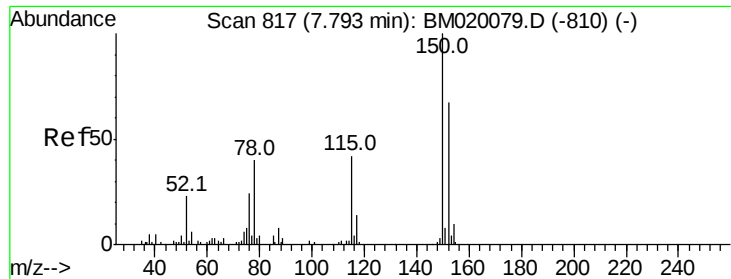
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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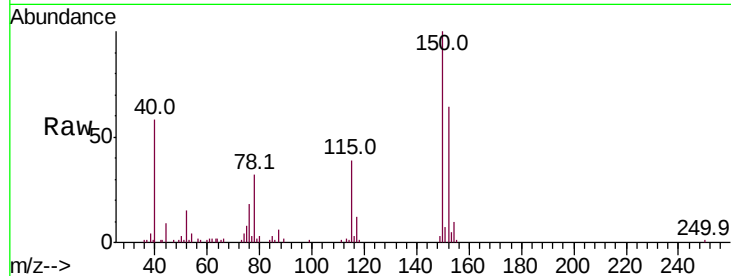


#1

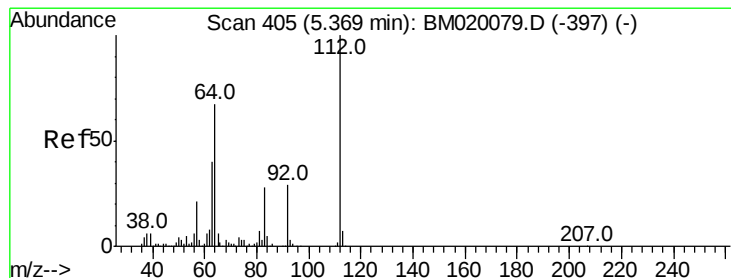
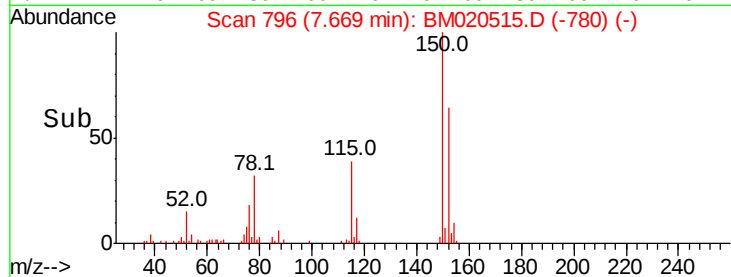
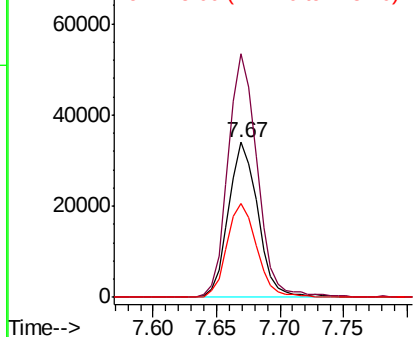
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM020515.D
Acq: 23 May 2019 14:43

Instrument :
BNA_M
ClientSampleId :
FESB-15(1.2-1.7)

Tot Ion:152 Resp: 54737
Ion Ratio Lower Upper
152 100
150 157.1 119.8 179.8
115 60.6 50.8 76.2



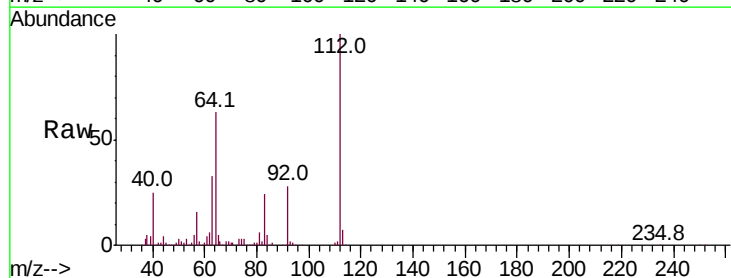
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



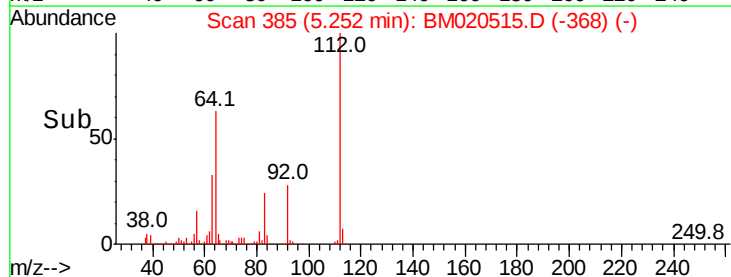
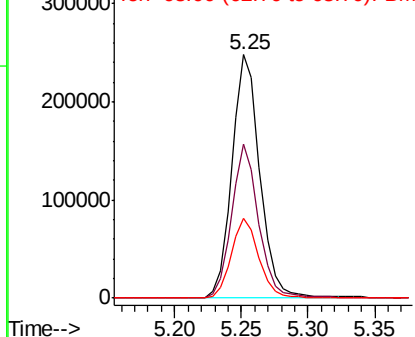
#5

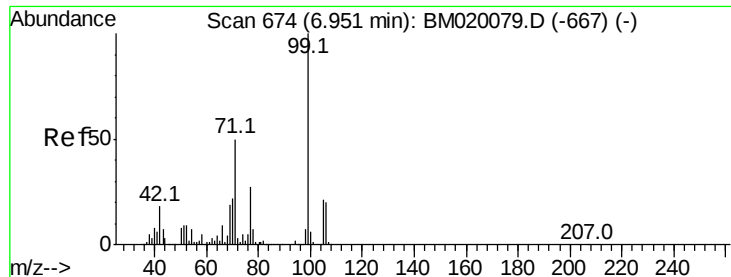
2-Fluorophenol
Concen: 108.347 ng
RT: 5.25 min Scan# 385
Delta R.T. 0.00 min
Lab File: BM020515.D
Acq: 23 May 2019 14:43

Tgt Ion:112 Resp: 362817
Ion Ratio Lower Upper
112 100
64 63.0 53.8 80.6
63 32.8 32.3 48.5



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: 107.163 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM020515.D

Acq: 23 May 2019 14:43

Instrument :

BNA_M

ClientSampleId :

FESB-15(1.2-1.7)

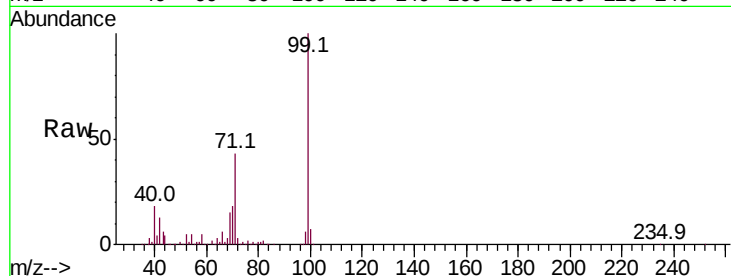
Tot Ion: 99 Resp: 490245

Ion Ratio Lower Upper

99 100

42 12.9 14.2 21.2#

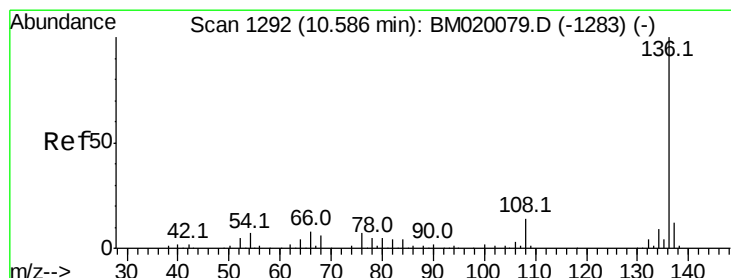
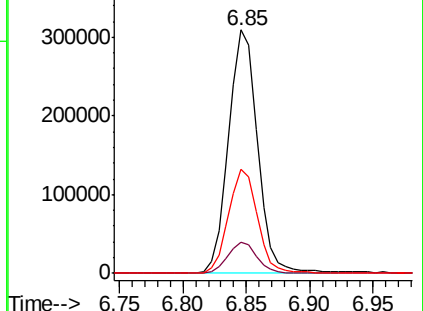
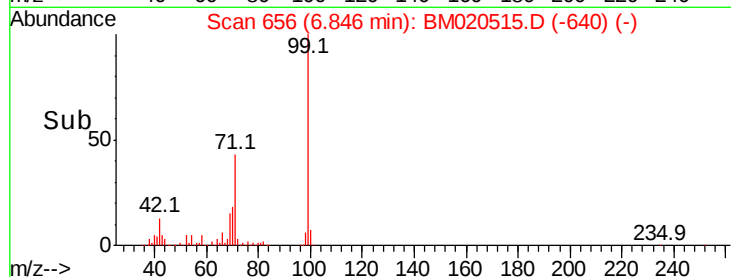
71 42.7 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020079.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020079.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020079.D (-667) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BM020515.D

Acq: 23 May 2019 14:43

Tgt Ion: 136 Resp: 182120

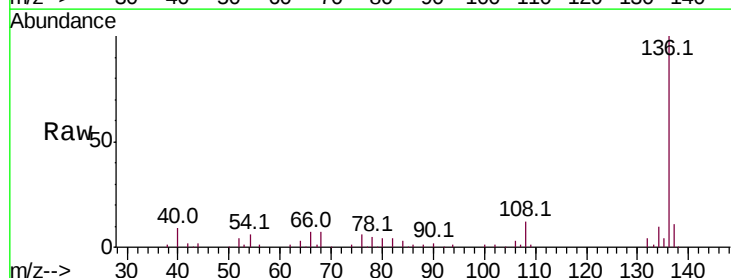
Ion Ratio Lower Upper

136 100

137 10.9 9.6 14.4

54 5.7 5.5 8.3

68 6.6 4.6 6.8

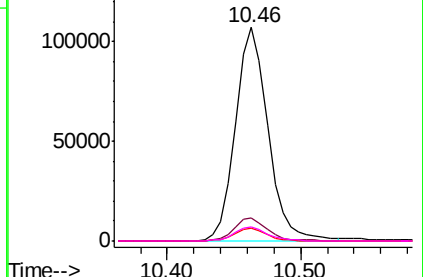
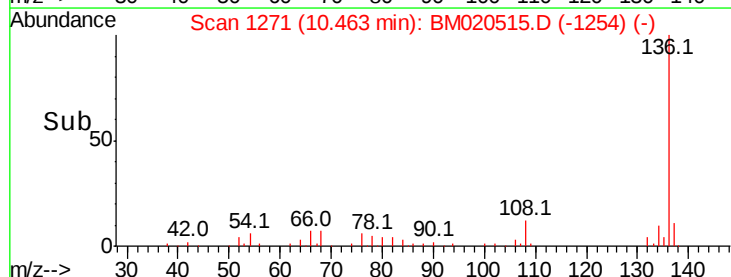


Abundance Ion 136.00 (135.70 to 136.70): BM020079.D (-1283) (-)

Ion 137.00 (136.70 to 137.70): BM020079.D (-1283) (-)

Ion 54.00 (53.70 to 54.70): BM020079.D (-1283) (-)

Ion 68.00 (67.70 to 68.70): BM020079.D (-1283) (-)

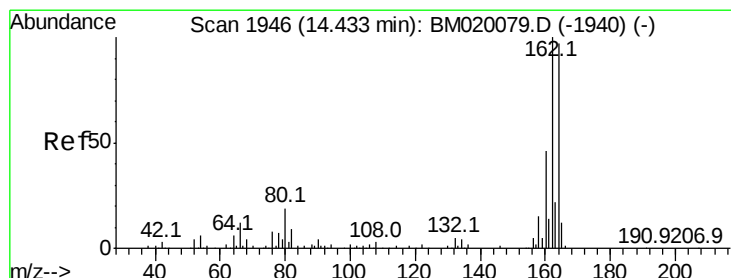
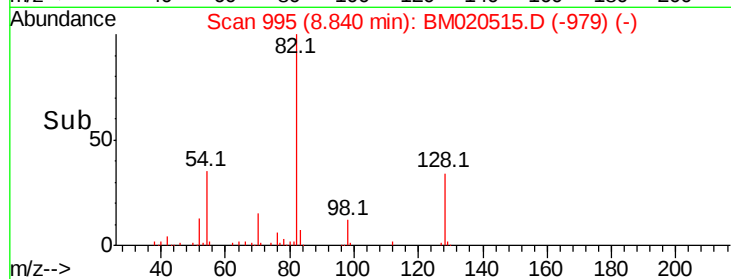
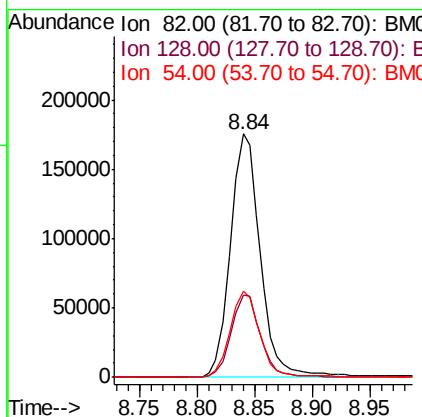
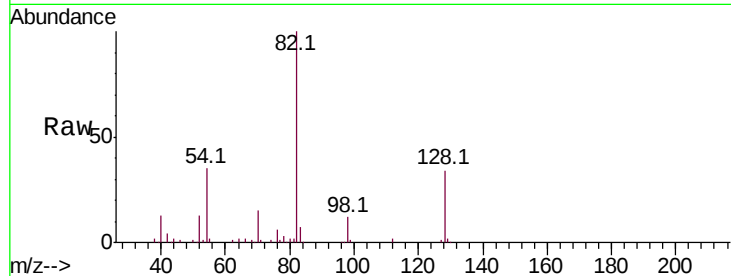




#23
Nitrobenzene-d5
Concen: 68.171 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BM020515.D
Acq: 23 May 2019 14:43

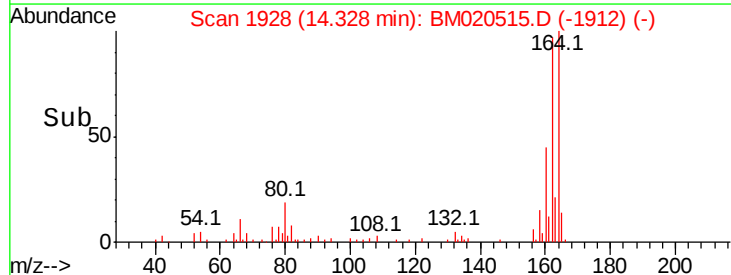
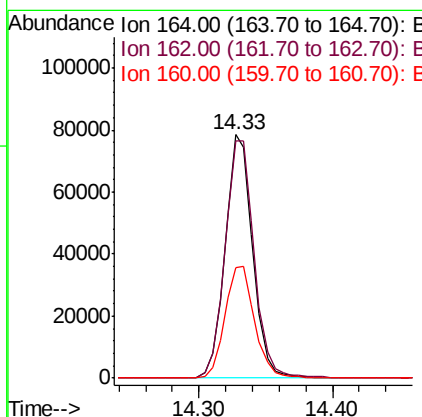
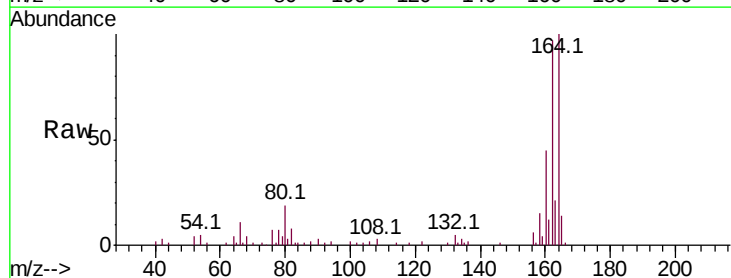
Instrument :
BNA_M
ClientSampleId :
FESB-15(1.2-1.7)

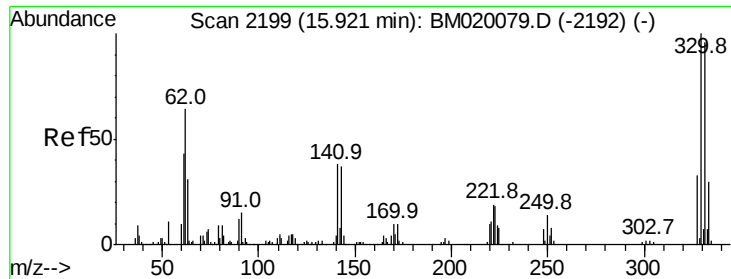
Tot Ion: 82 Resp: 314468
Ion Ratio Lower Upper
82 100
128 33.7 25.2 37.8
54 35.2 31.9 47.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BM020515.D
Acq: 23 May 2019 14:43

Tgt Ion: 164 Resp: 113192
Ion Ratio Lower Upper
164 100
162 97.3 82.2 123.2
160 45.3 37.6 56.4

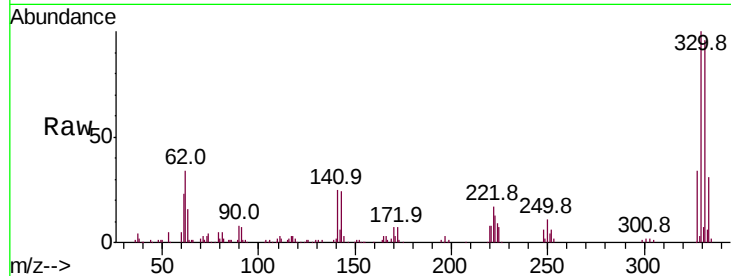




#42
 2,4,6-Tribromophenol
 Concen: 127.682 ng
 RT: 15.83 min Scan# 2184
 Delta R.T. 0.00 min
 Lab File: BM020515.D
 Acq: 23 May 2019 14:43

Instrument :
 BNA_M
 ClientSampleId :
 FESB-15(1.2-1.7)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.8	115.2
141	28.8	29.2	43.8#

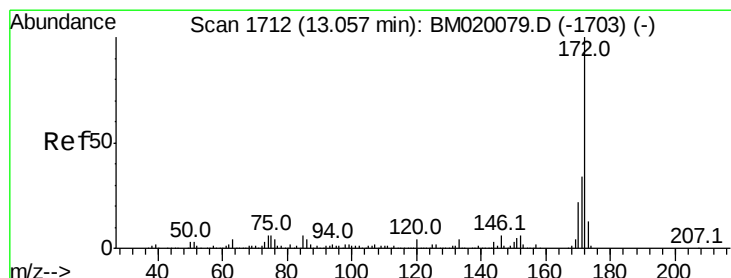
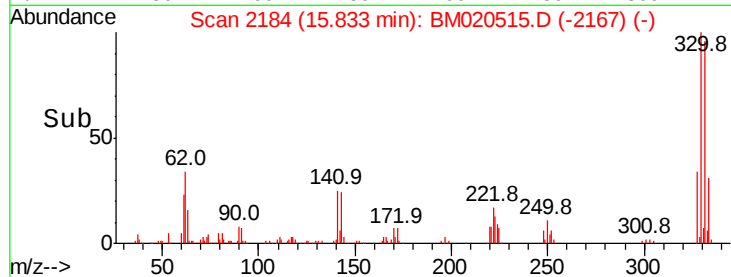
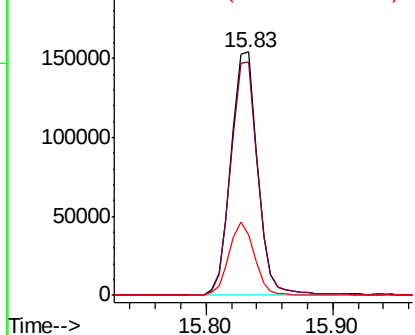


Abundance

Ion 329.80 (329.50 to 330.50): E

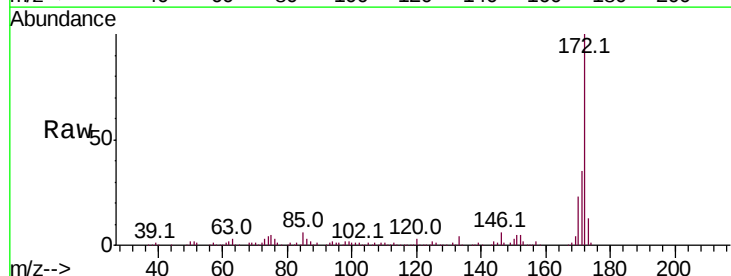
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 70.408 ng
 RT: 12.95 min Scan# 1693
 Delta R.T. 0.00 min
 Lab File: BM020515.D
 Acq: 23 May 2019 14:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.3	40.9
170	23.3	17.9	26.9

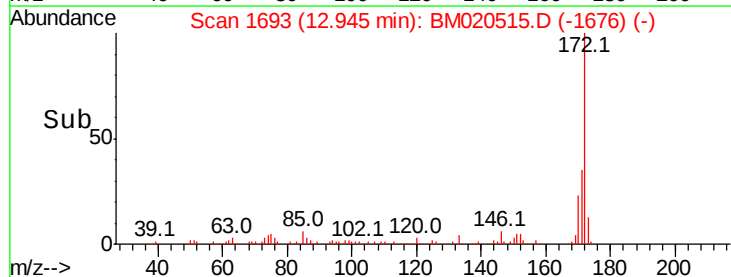
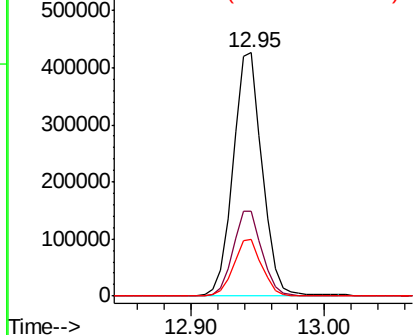


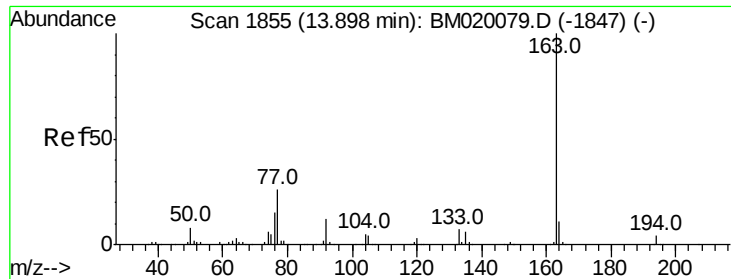
Abundance

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: 8.365 ng

RT: 13.79 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BM020515.D

Acq: 23 May 2019 14:43

Instrument :

BNA_M

ClientSampleId :

FESB-15(1.2-1.7)

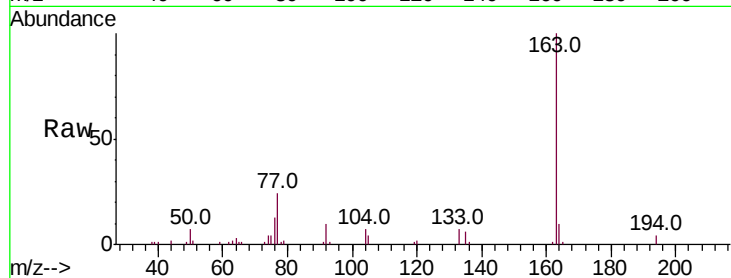
Tot Ion:163 Resp: 80476

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

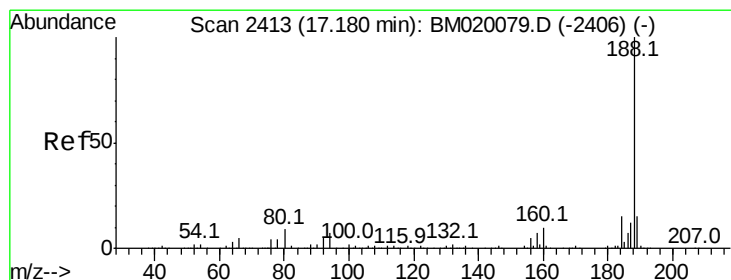
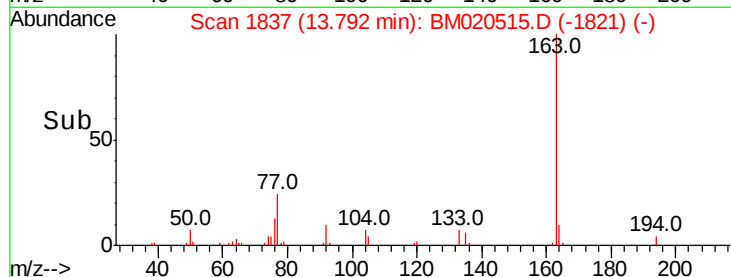
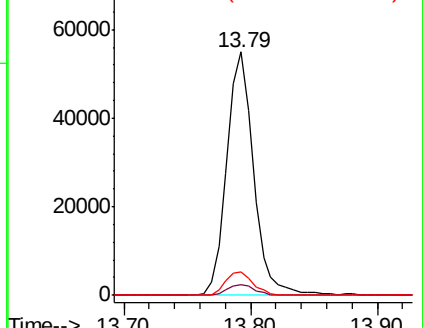
164 9.6 8.4 12.6



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: 17.09 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BM020515.D

Acq: 23 May 2019 14:43

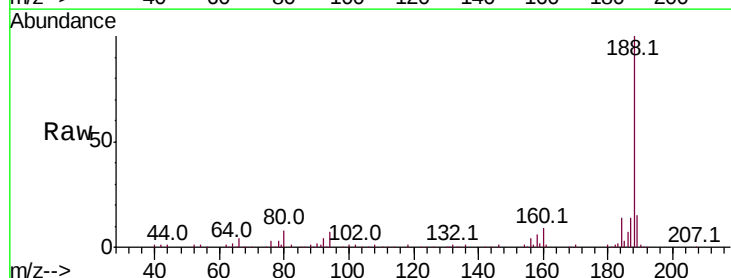
Tgt Ion:188 Resp: 284514

Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.6

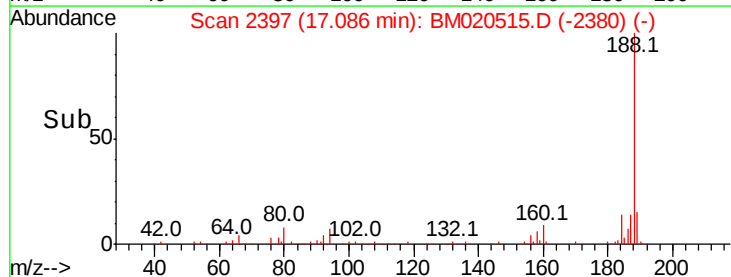
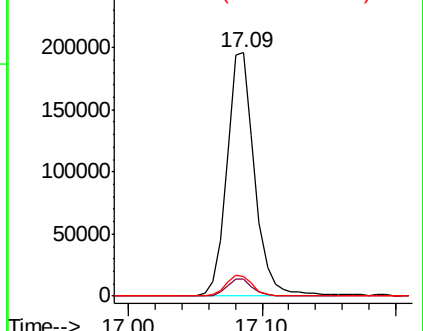
80 7.9 7.4 11.2

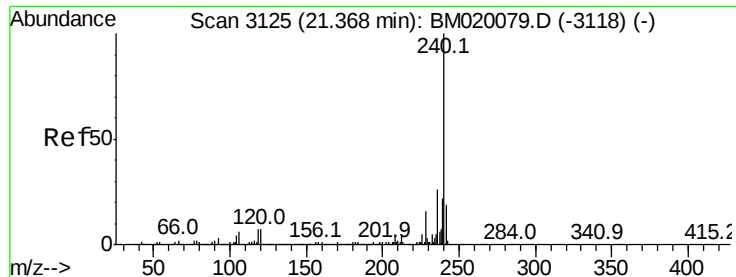


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.28 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM020515.D

Acq: 23 May 2019 14:43

Instrument :

BNA_M

ClientSampleId :

FESB-15(1.2-1.7)

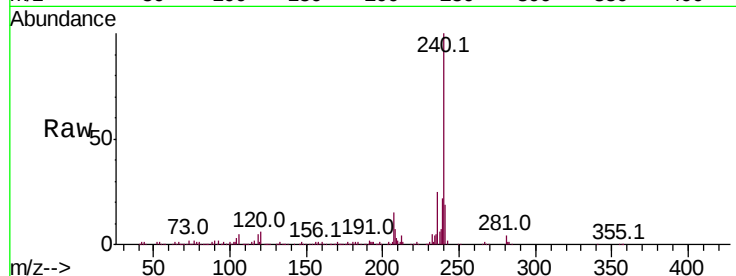
Tot Ion:240 Resp: 318559

Ion Ratio Lower Upper

240 100

120 5.6 5.6 8.4#

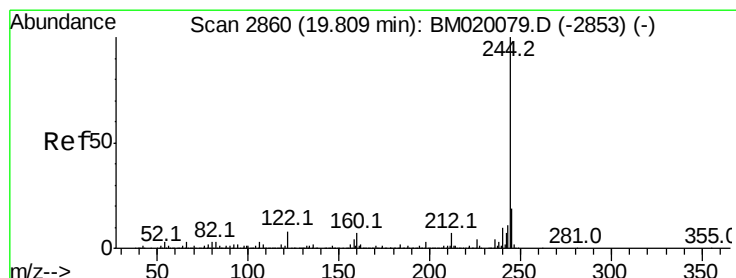
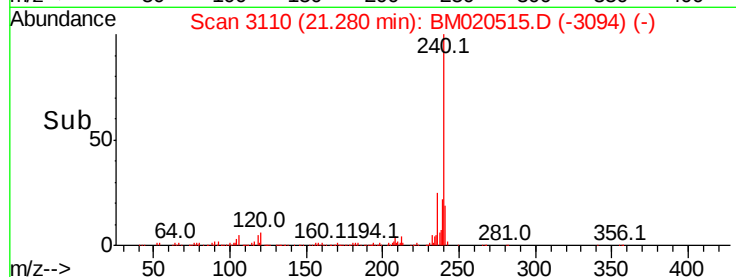
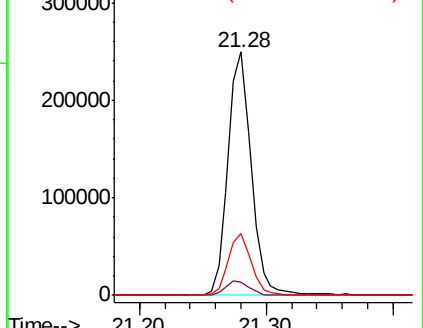
236 25.5 20.9 31.3



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



#79

Terphenyl-d14

Concen: 64.807 ng

RT: 19.72 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BM020515.D

Acq: 23 May 2019 14:43

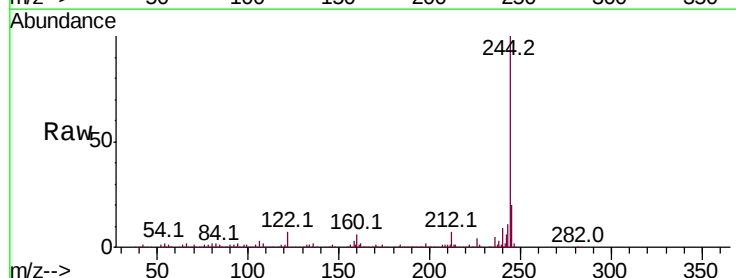
Tgt Ion:244 Resp: 1183621

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

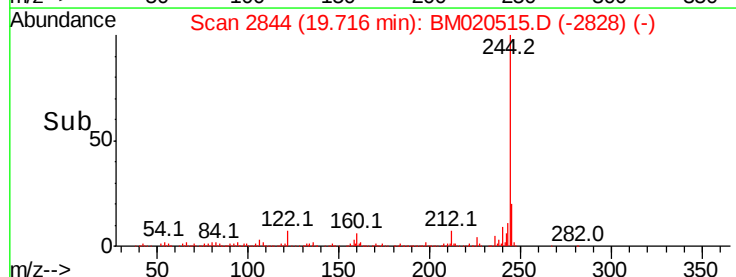
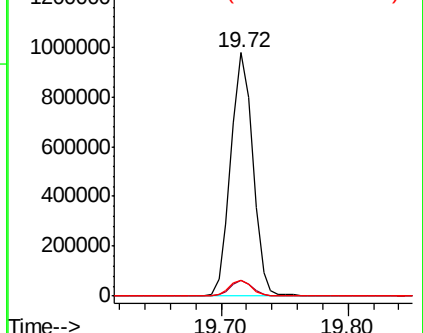
122 6.6 6.2 9.2

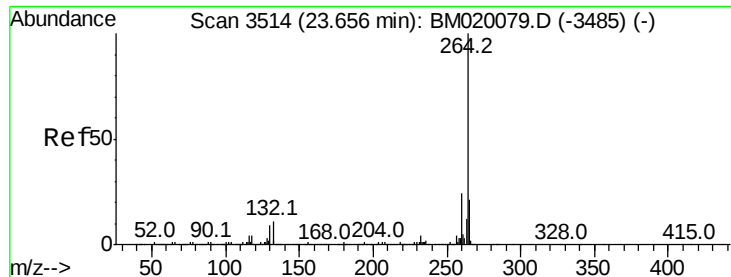


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.53 min Scan# 3492
 Delta R.T. -0.01 min
 Lab File: BM020515.D
 Acq: 23 May 2019 14:43

Instrument :
 BNA_M
 ClientSampleId :
 FESB-15(1.2-1.7)

Tot Ion:	264	Resp:	361574
Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	22.1	16.9	25.3

