

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052319\
 Data File : BM020516.D
 Acq On : 23 May 2019 15:19
 Operator : JU/SJ
 Sample : K2966-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2.4-2.9)

Quant Time: May 24 02:06:21 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

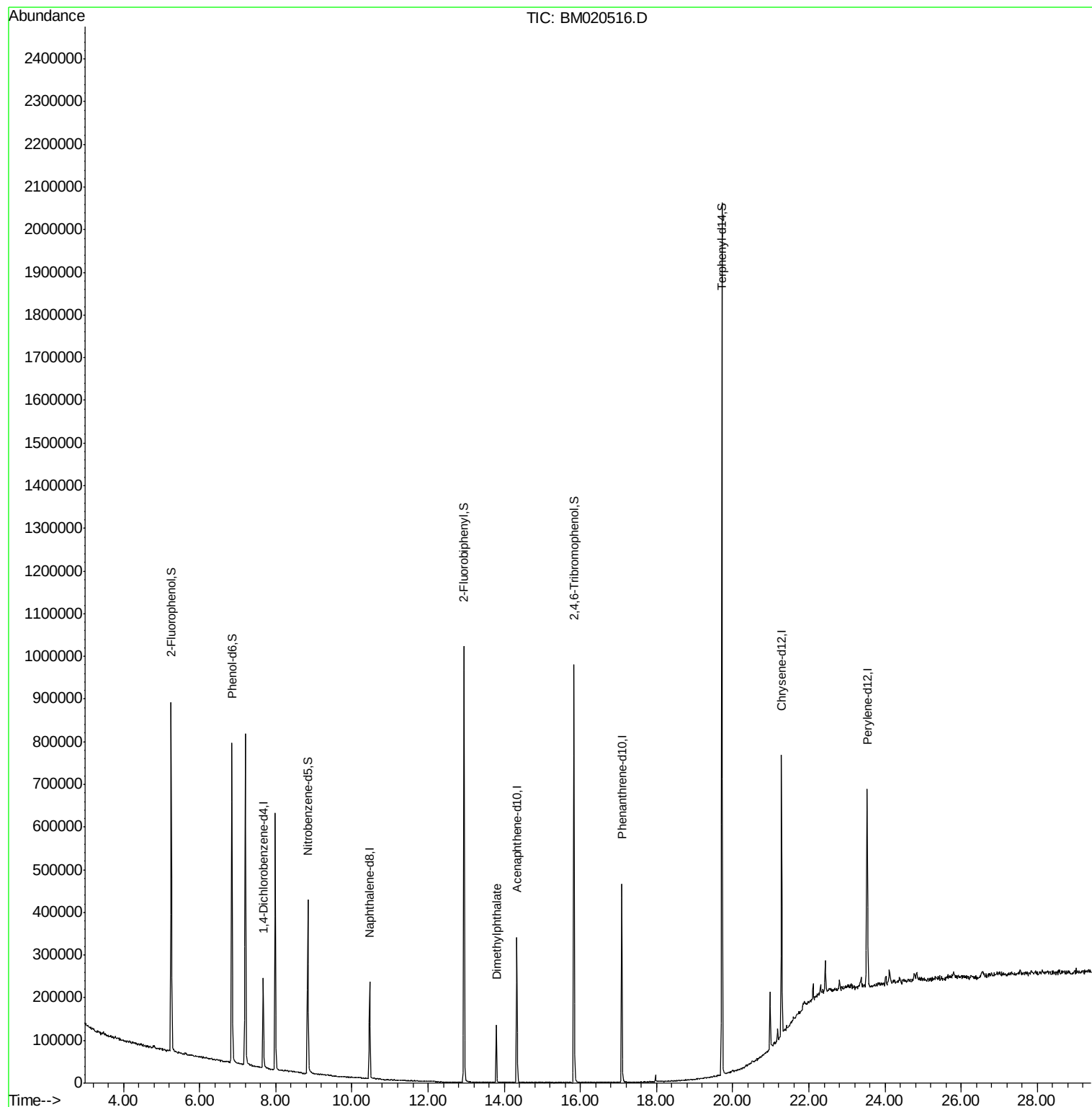
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	57050	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	185128	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	110913	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	277263	20.00	ng	0.00
76) Chrysene-d12	21.28	240	311234	20.00	ng	0.00
87) Perylene-d12	23.53	264	363583	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	329396	94.38	ng	0.00
7) Phenol-d6	6.85	99	436107	91.46	ng	0.00
23) Nitrobenzene-d5	8.84	82	275976	58.85	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	192081	111.57	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	532103	59.03	ng	0.00
79) Terphenyl-d14	19.72	244	942513	52.82	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.79	163	88185	9.355	ng	Qvalue 100

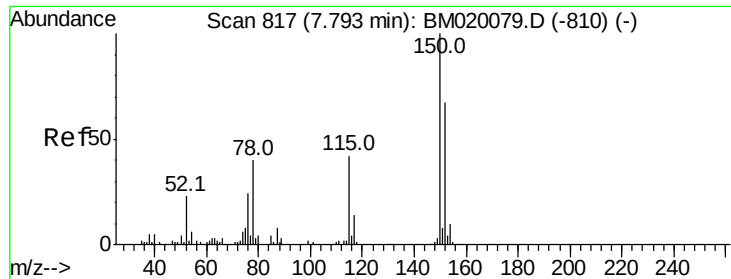
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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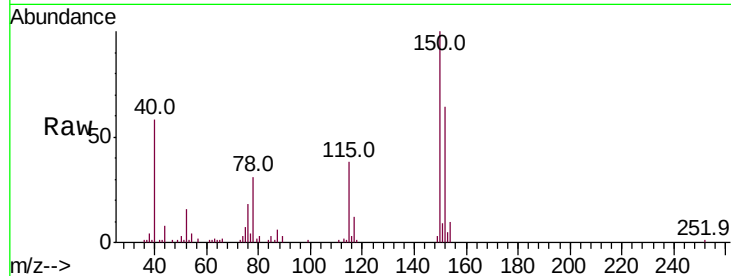


#1

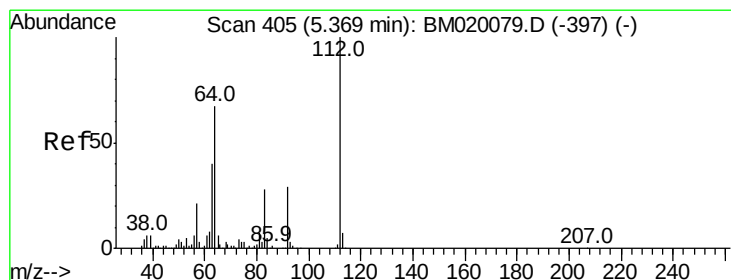
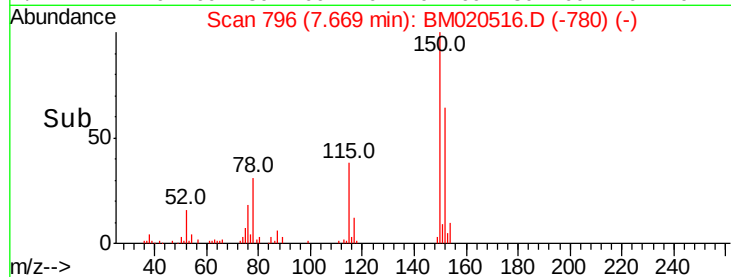
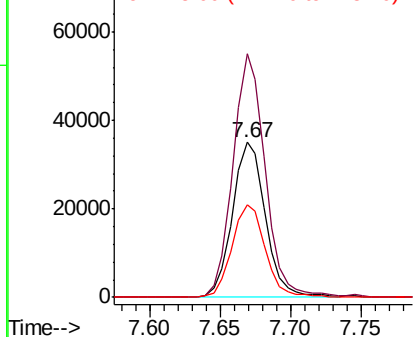
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM020516.D
Acq: 23 May 2019 15:19

Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)

Tot Ion:152 Resp: 57050
Ion Ratio Lower Upper
152 100
150 156.8 119.8 179.8
115 59.7 50.8 76.2



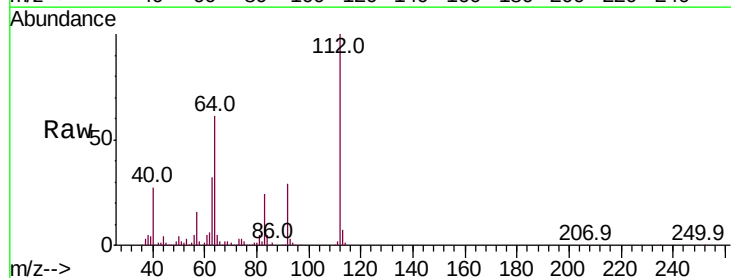
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



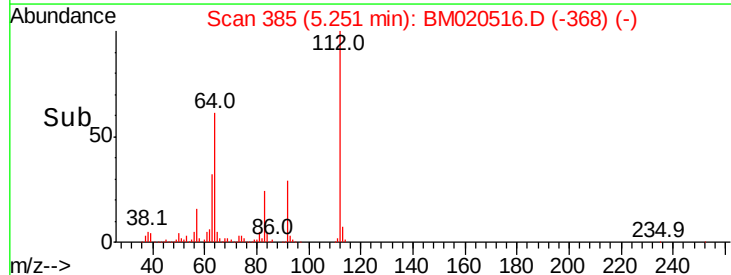
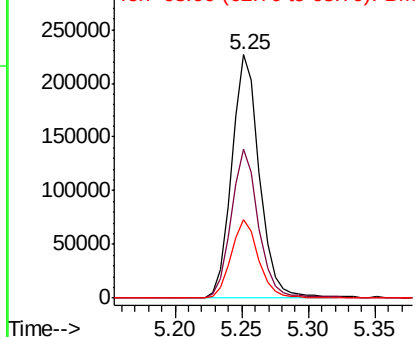
#5

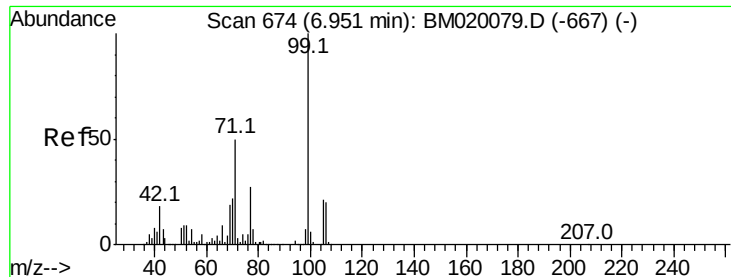
2-Fluorophenol
Concen: 94.378 ng
RT: 5.25 min Scan# 385
Delta R.T. 0.00 min
Lab File: BM020516.D
Acq: 23 May 2019 15:19

Tgt Ion:112 Resp: 329396
Ion Ratio Lower Upper
112 100
64 61.0 53.8 80.6
63 32.4 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: 91.464 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM020516.D

Acq: 23 May 2019 15:19

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)

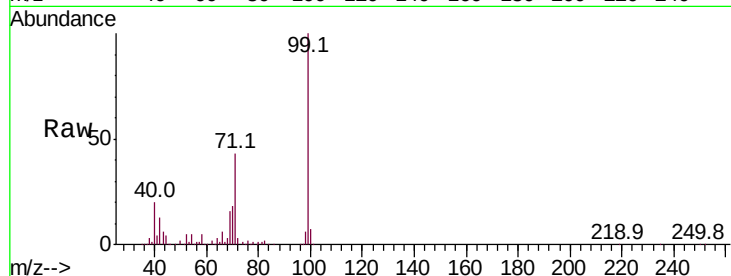
Tot Ion: 99 Resp: 436107

Ion Ratio Lower Upper

99 100

42 13.0 14.2 21.2#

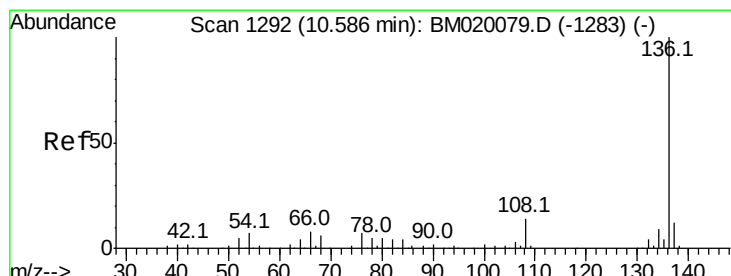
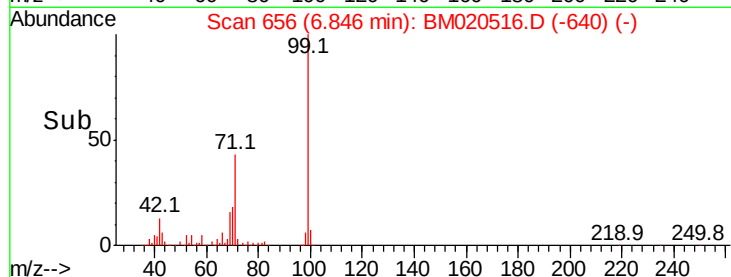
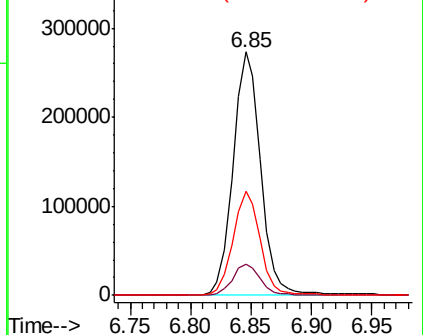
71 42.6 40.3 60.5



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: BM020516.D

Acq: 23 May 2019 15:19

Tgt Ion: 136 Resp: 185128

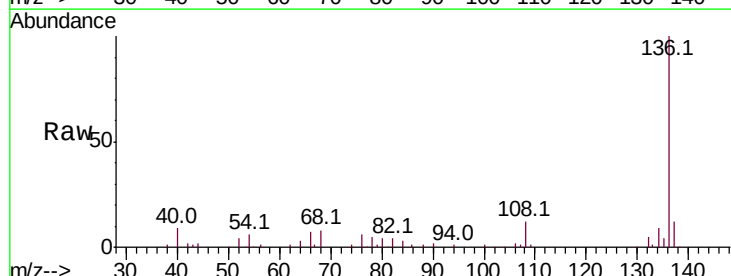
Ion Ratio Lower Upper

136 100

137 11.5 9.6 14.4

54 6.0 5.5 8.3

68 7.6 4.6 6.8#

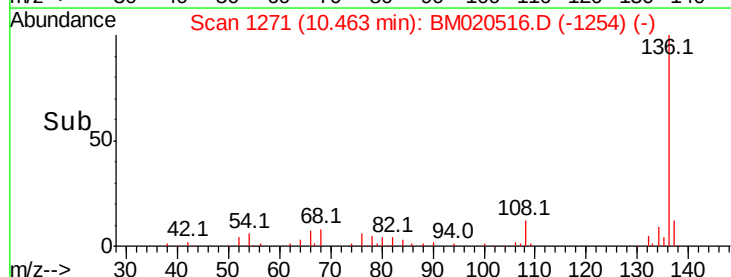
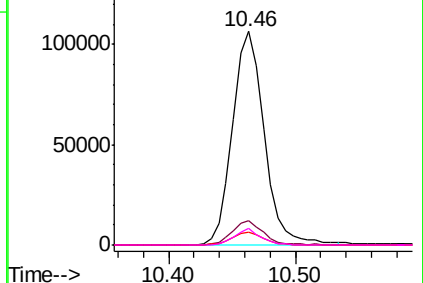


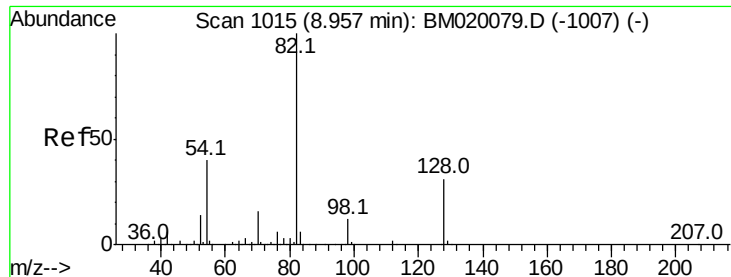
Abundance Ion 136.00 (135.70 to 136.70): BM020079.D (-1283) (-)

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) (-)

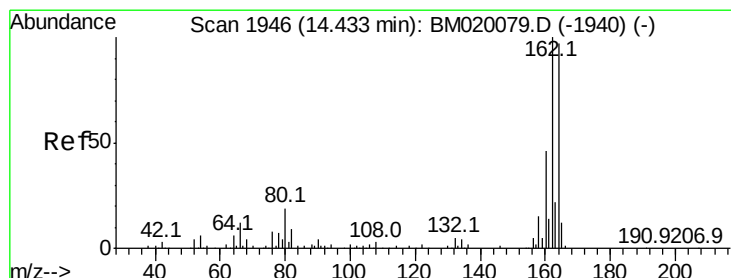
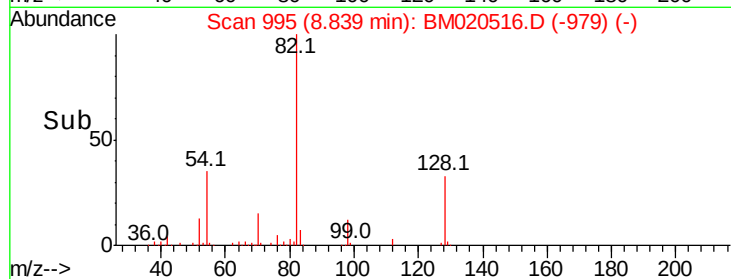
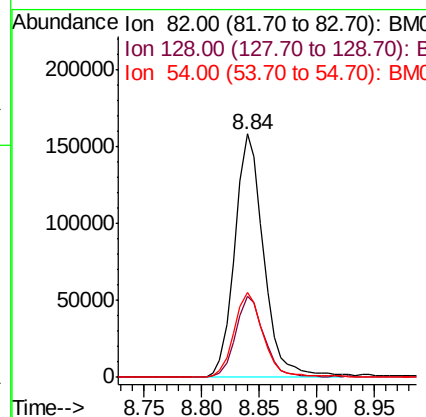
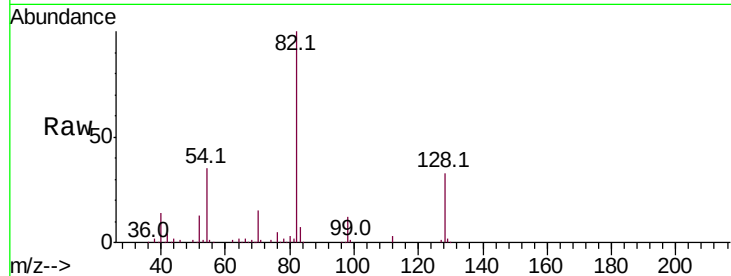




#23
 Nitrobenzene-d5
 Concen: 58.854 ng
 RT: 8.84 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BM020516.D
 Acq: 23 May 2019 15:19

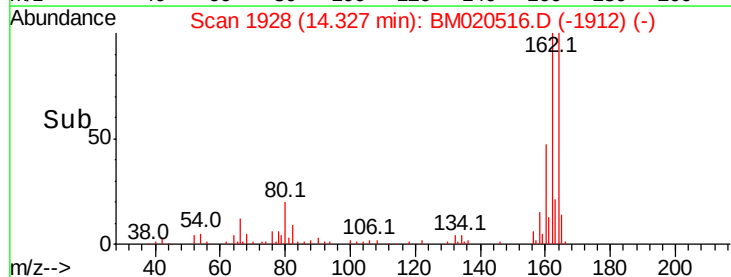
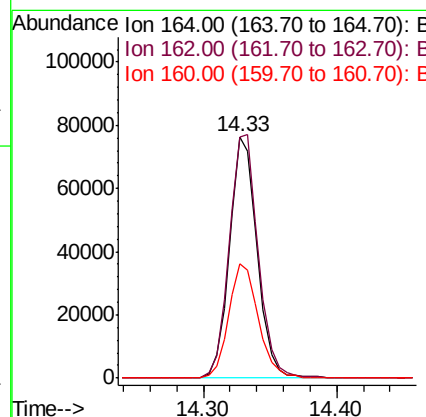
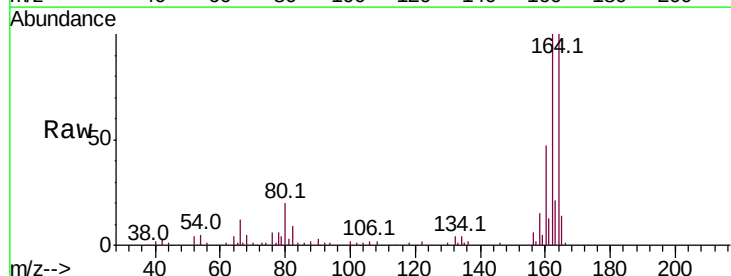
Instrument :
 BNA_M
 ClientSampleId :
 FESB-16(2.4-2.9)

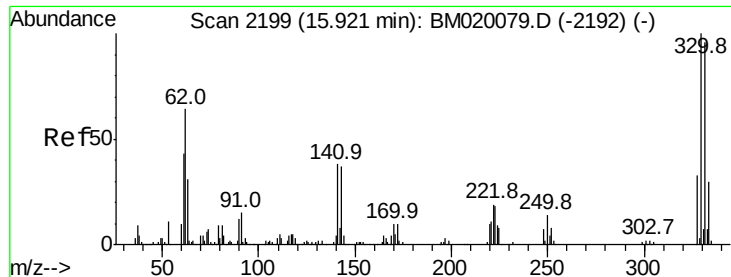
Tot Ion	82	Resp	275976
Ion Ratio	Lower	Upper	
82	100		
128	33.3	25.2	37.8
54	35.1	31.9	47.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.33 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BM020516.D
 Acq: 23 May 2019 15:19

Tgt Ion	164	Resp	110913
Ion Ratio	Lower	Upper	
164	100		
162	99.9	82.2	123.2
160	47.4	37.6	56.4





#42

2,4,6-Tribromophenol

Concen: 111.573 ng

RT: 15.83 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BM020516.D

Acq: 23 May 2019 15:19

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)

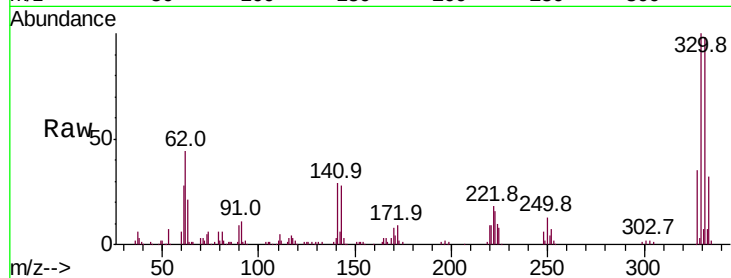
Tot Ion:330 Resp: 192081

Ion Ratio Lower Upper

330 100

332 96.8 76.8 115.2

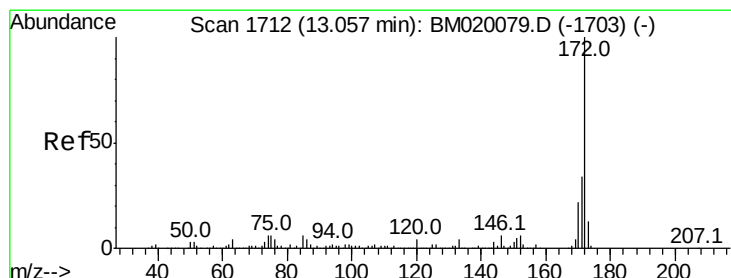
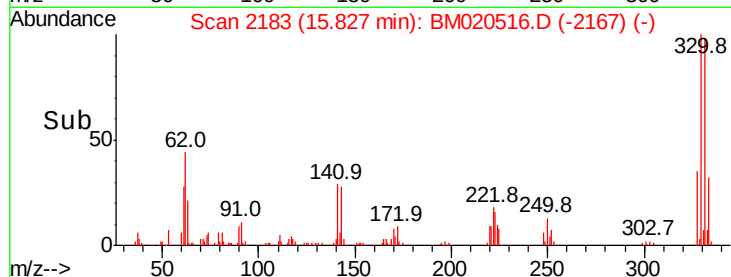
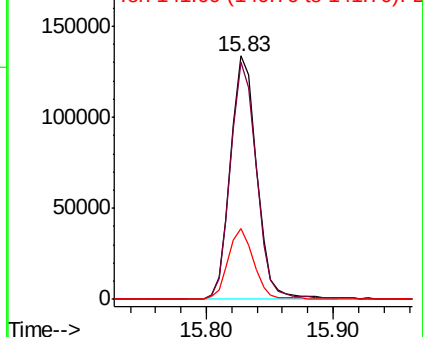
141 28.3 29.2 43.8#



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: 59.027 ng

RT: 12.94 min Scan# 1692

Delta R.T. -0.01 min

Lab File: BM020516.D

Acq: 23 May 2019 15:19

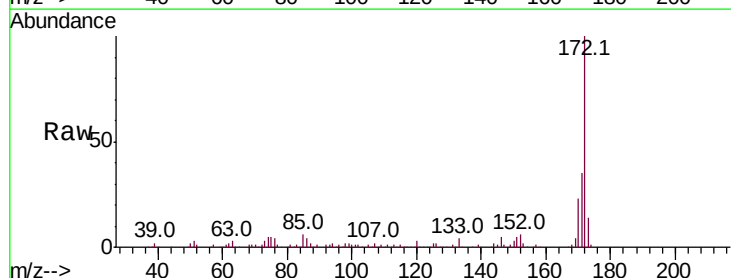
Tgt Ion:172 Resp: 532103

Ion Ratio Lower Upper

172 100

171 35.1 27.3 40.9

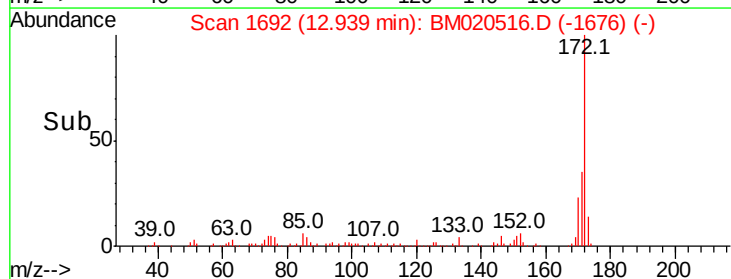
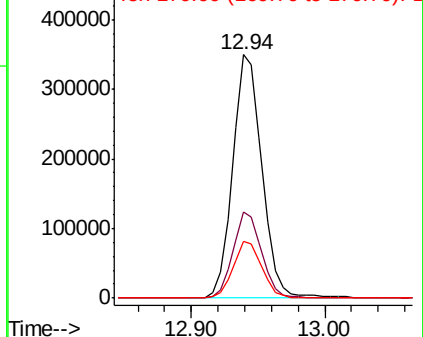
170 23.1 17.9 26.9

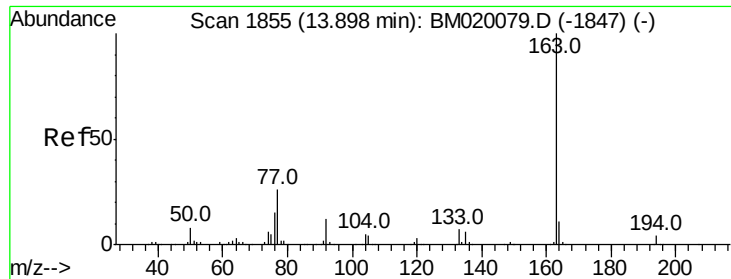


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 9.355 ng

RT: 13.79 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BM020516.D

Acq: 23 May 2019 15:19

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)

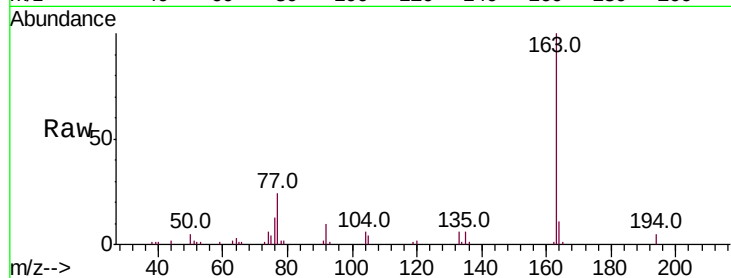
Tot Ion:163 Resp: 88185

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

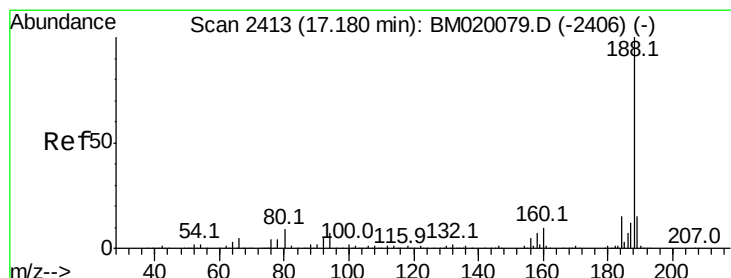
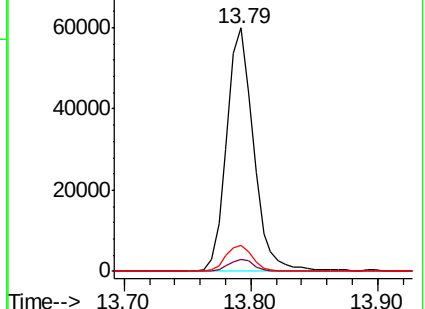
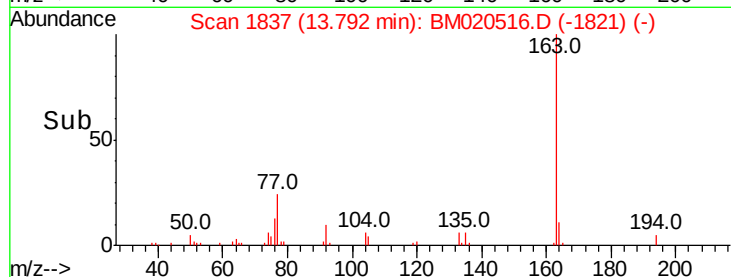
164 10.5 8.4 12.6



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: BM020516.D

Acq: 23 May 2019 15:19

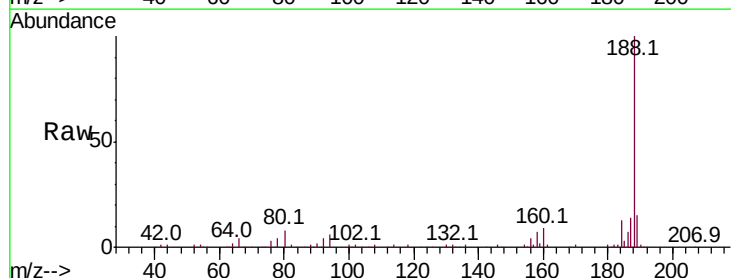
Tgt Ion:188 Resp: 277263

Ion Ratio Lower Upper

188 100

94 6.5 5.8 8.6

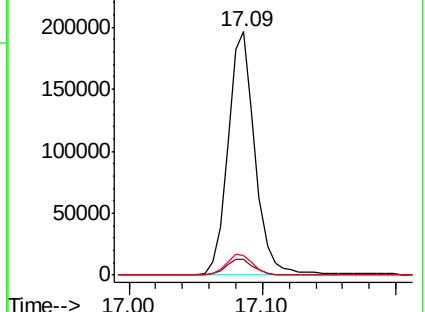
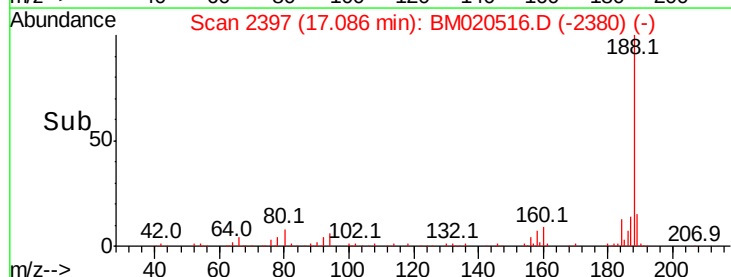
80 8.0 7.4 11.2

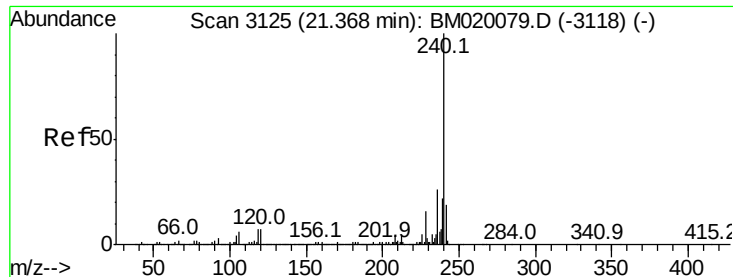


Abundance Ion 188.00 (187.70 to 188.70): E

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: BM020516.D

Acq: 23 May 2019 15:19

Instrument :

BNA_M

ClientSampleId :

FESB-16(2.4-2.9)

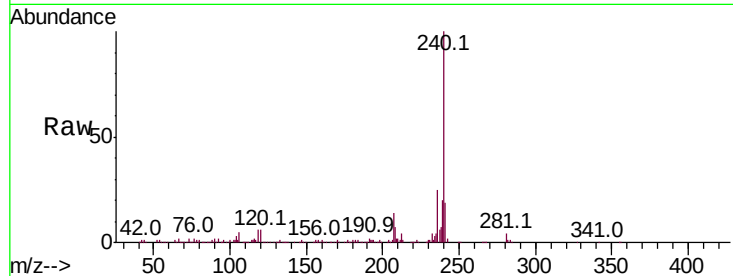
Tot Ion:240 Resp: 311234

Ion Ratio Lower Upper

240 100

120 6.1 5.6 8.4

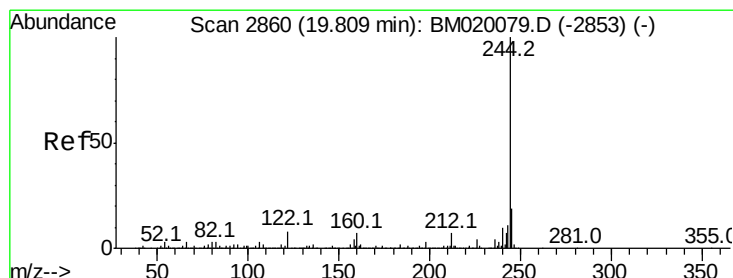
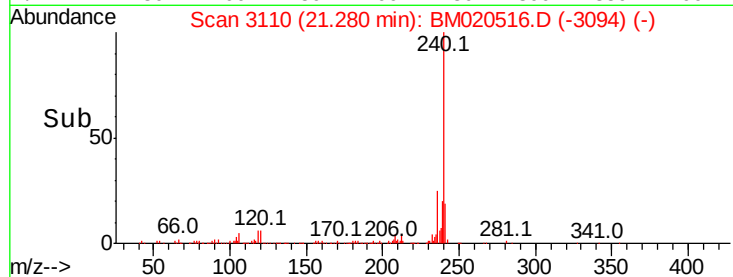
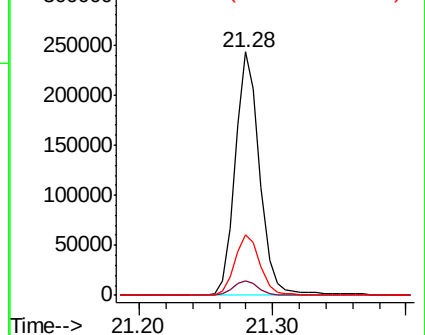
236 25.0 20.9 31.3



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: 52.820 ng

RT: 19.72 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BM020516.D

Acq: 23 May 2019 15:19

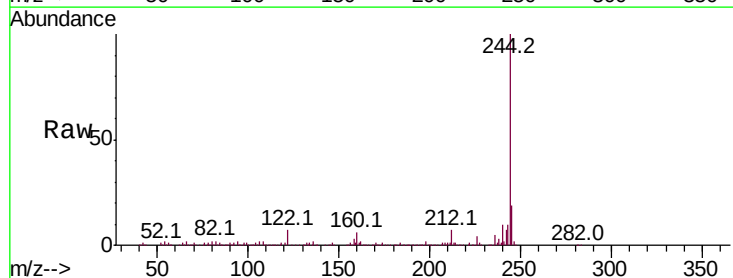
Tgt Ion:244 Resp: 942513

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

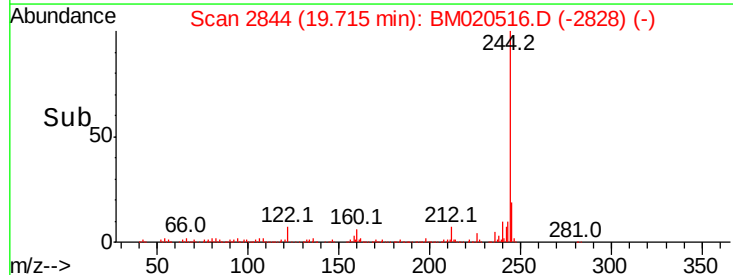
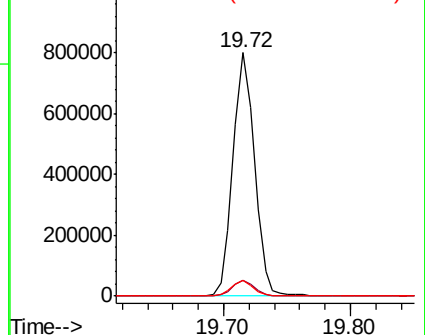
122 6.5 6.2 9.2

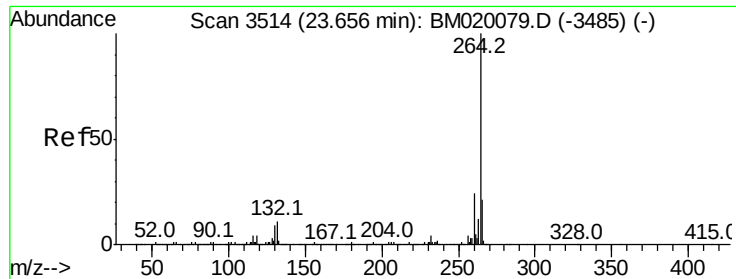


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

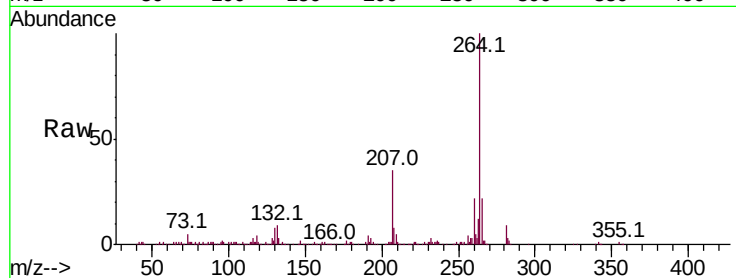




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.53 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BM020516.D
Acq: 23 May 2019 15:19

Instrument :
BNA_M
ClientSampleId :
FESB-16(2.4-2.9)

Tot Ion:	264	Resp:	363583
Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.2	28.8
265	22.4	16.9	25.3



Abundance Ion 264.00 (263.70 to 264.70): E
250000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

