

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032019\
 Data File : BM019285.D
 Acq On : 21 Mar 2019 06:28
 Operator : JU/SJ
 Sample : K1688-38
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-031919-I

Quant Time: Mar 21 17:18:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 17:06:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	183635	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	760906	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	494135	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	1061730	20.00	ng	0.00
76) Chrysene-d12	21.24	240	807358	20.00	ng	0.00
87) Perylene-d12	23.47	264	778753	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1363069	120.21	ng	0.00
7) Phenol-d6	6.82	99	1826263	110.11	ng	0.00
23) Nitrobenzene-d5	8.80	82	1322696	82.17	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	957691	131.27	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	2774903	73.05	ng	0.00
79) Terphenyl-d14	19.69	244	4587493	112.80	ng	0.00

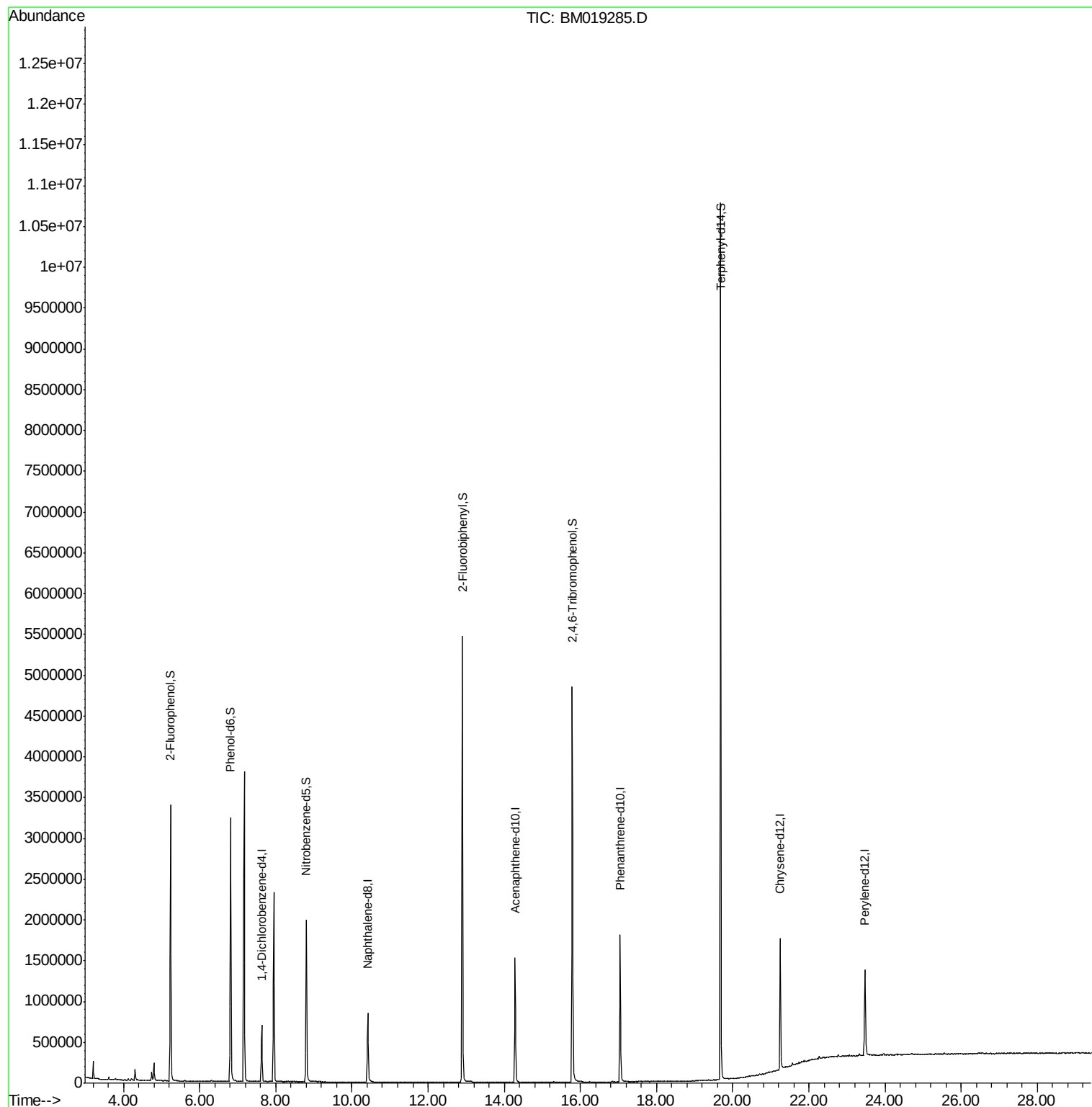
Target Compounds Qvalue

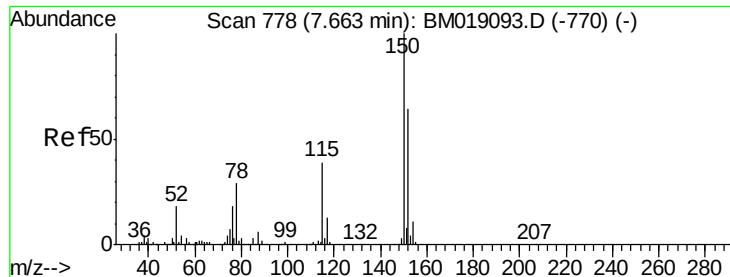
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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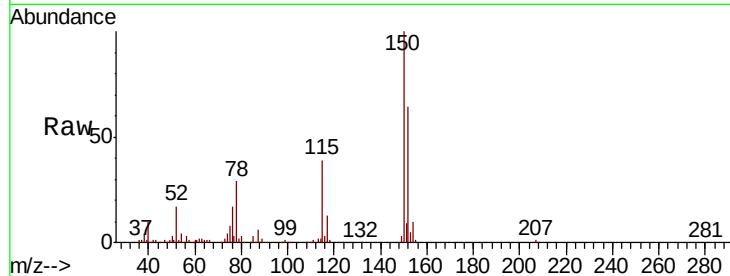


#1

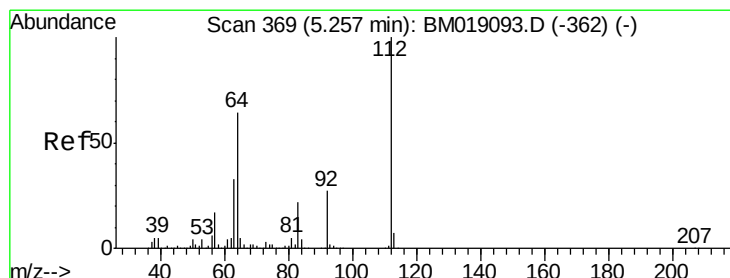
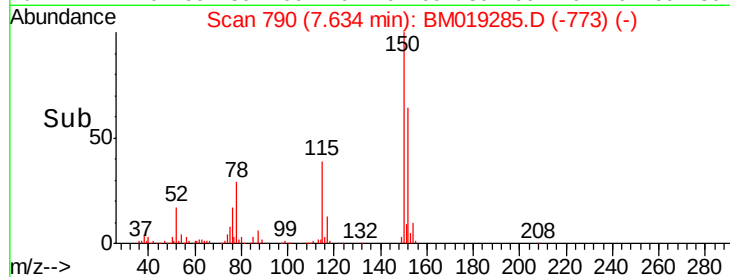
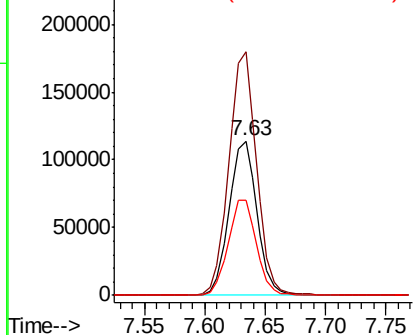
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 790
Delta R.T. 0.00 min
Lab File: BM019285.D
Acq: 21 Mar 2019 06:28

Instrument :
BNA_M
ClientSampleId :
JC-02-031919-I

Tot Ion:152 Resp: 183635
Ion Ratio Lower Upper
152 100
150 157.5 123.8 185.6
115 61.7 48.9 73.3



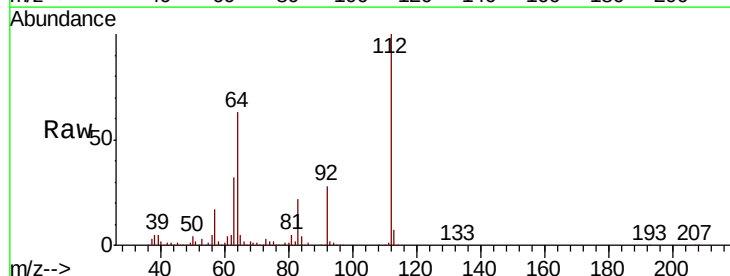
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



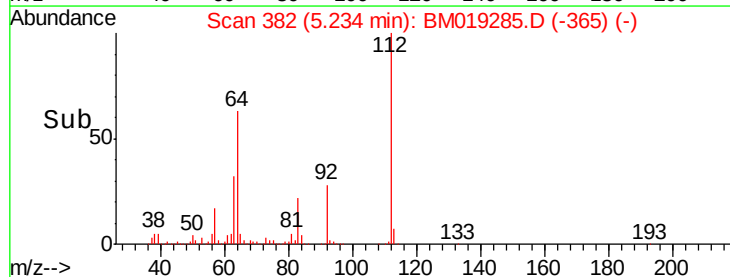
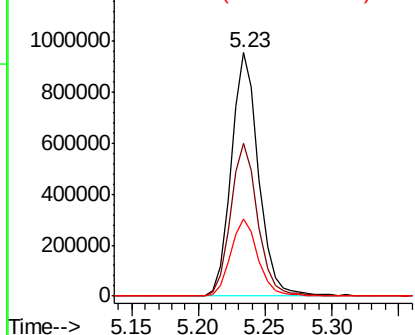
#5

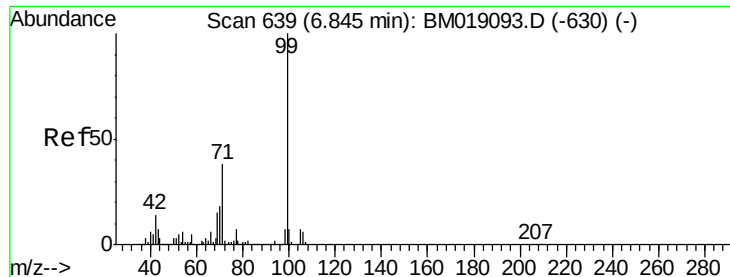
2-Fluorophenol
Concen: 120.209 ng
RT: 5.23 min Scan# 382
Delta R.T. 0.00 min
Lab File: BM019285.D
Acq: 21 Mar 2019 06:28

Tgt Ion:112 Resp: 1363069
Ion Ratio Lower Upper
112 100
64 63.0 50.6 75.8
63 31.9 25.8 38.6



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: 110.110 ng

RT: 6.82 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM019285.D

Acq: 21 Mar 2019 06:28

Instrument :

BNA_M

ClientSampleId :

JC-02-031919-I

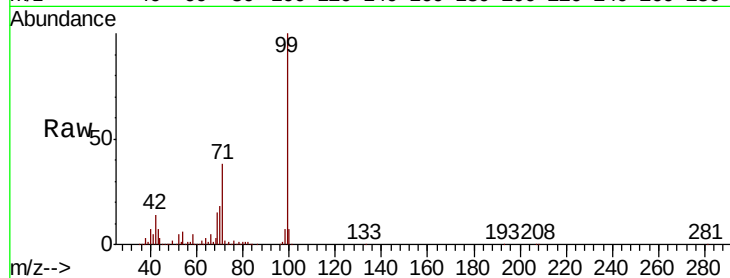
Tot Ion: 99 Resp: 1826263

Ion Ratio Lower Upper

99 100

42 13.8 11.0 16.6

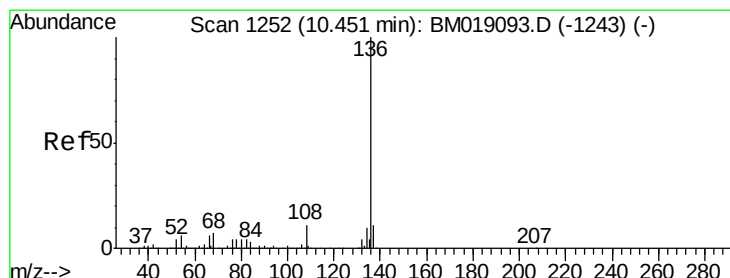
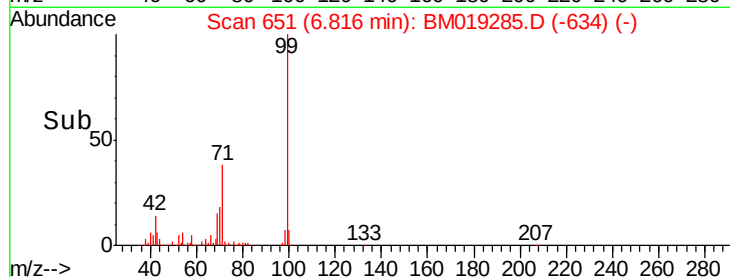
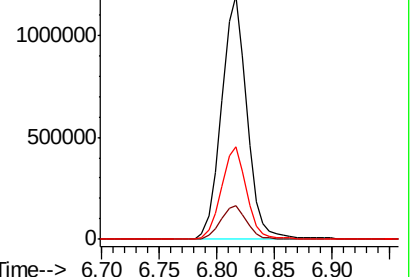
71 38.3 30.1 45.1



Abundance Ion 99.00 (98.70 to 99.70): BM019093.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM019093.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM019093.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BM019285.D

Acq: 21 Mar 2019 06:28

Tgt Ion: 136 Resp: 760906

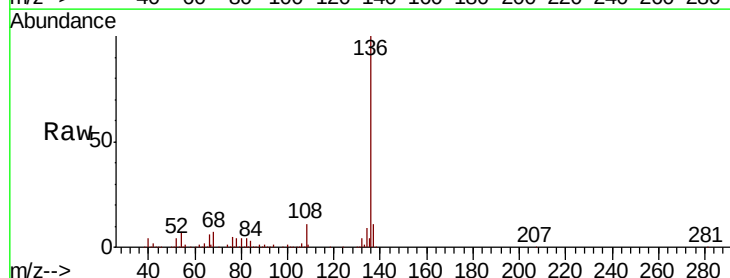
Ion Ratio Lower Upper

136 100

137 10.6 8.6 12.8

54 6.5 5.5 8.3

68 7.1 6.0 9.0

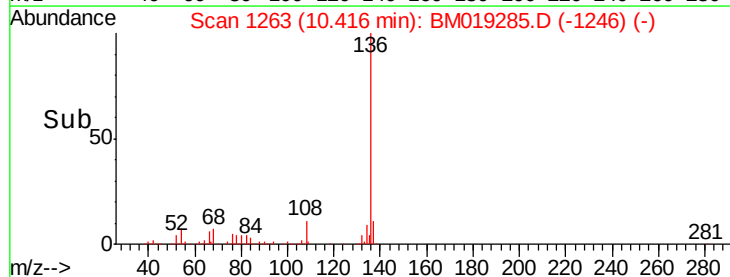
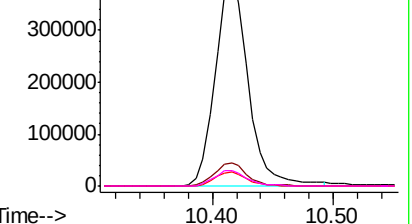


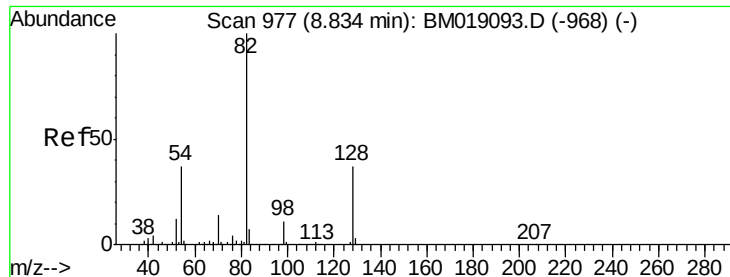
Abundance Ion 136.00 (135.70 to 136.70): BM019093.D (-1243) (-)

Ion 137.00 (136.70 to 137.70): BM019093.D (-1243) (-)

Ion 54.00 (53.70 to 54.70): BM019093.D (-1243) (-)

Ion 68.00 (67.70 to 68.70): BM019093.D (-1243) (-)



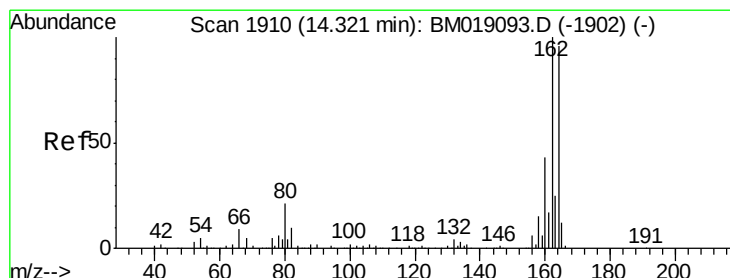
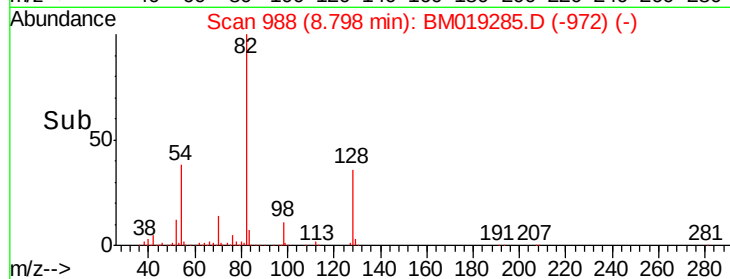
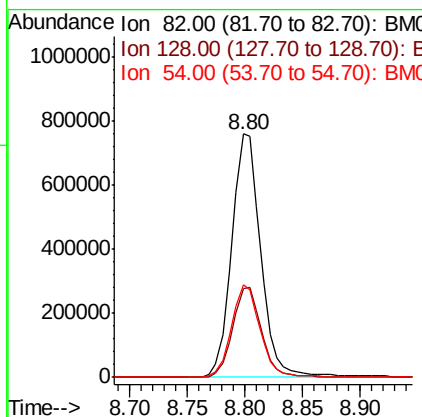
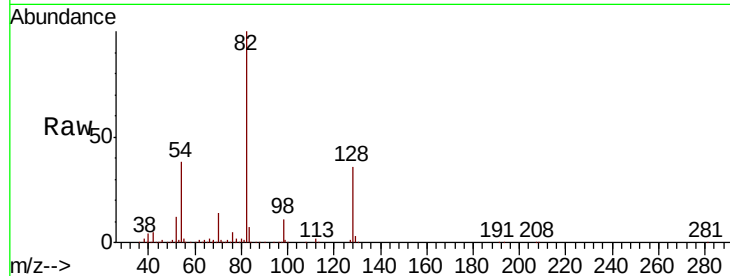


#23
 Nitrobenzene-d5
 Concen: 82.171 ng
 RT: 8.80 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BM019285.D
 Acq: 21 Mar 2019 06:28

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-031919-I

Tot Ion: 82 Resp: 1322696

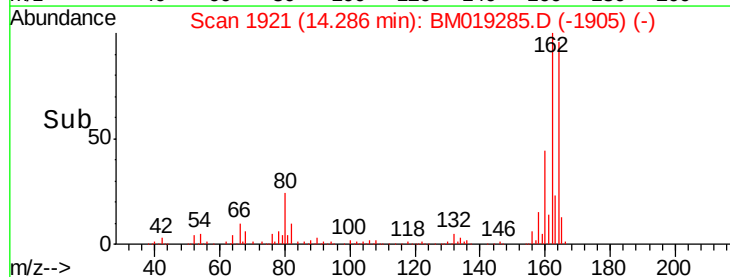
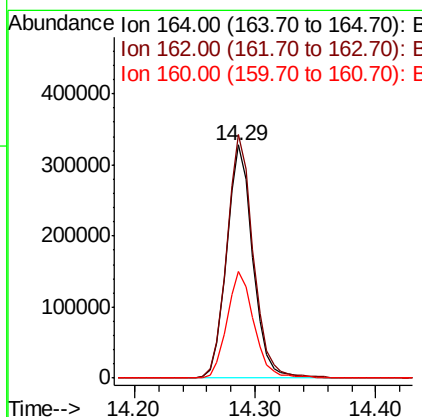
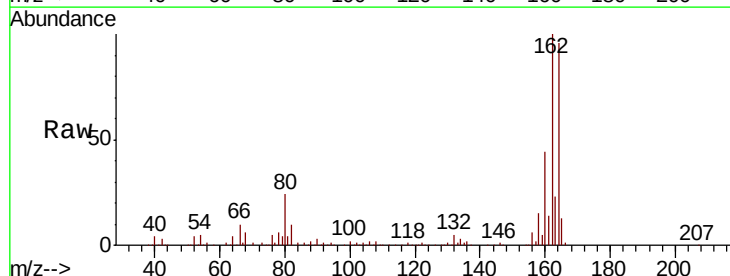
Ion	Ratio	Lower	Upper
82	100		
128	36.5	30.2	45.4
54	37.9	30.2	45.2

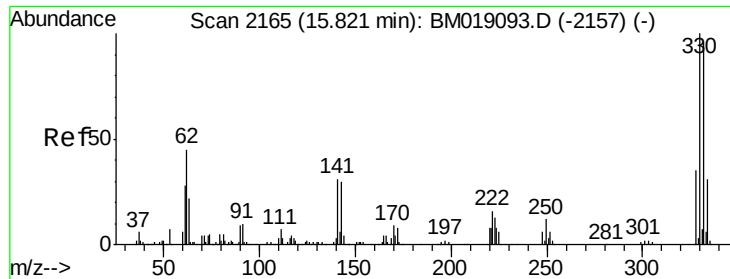


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.29 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BM019285.D
 Acq: 21 Mar 2019 06:28

Tgt Ion:164 Resp: 494135

Ion	Ratio	Lower	Upper
164	100		
162	104.4	84.1	126.1
160	45.7	36.5	54.7





#42

2,4,6-Tribromophenol

Concen: 131.267 ng

RT: 15.79 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BM019285.D

Acq: 21 Mar 2019 06:28

Instrument :

BNA_M

ClientSampleId :

JC-02-031919-I

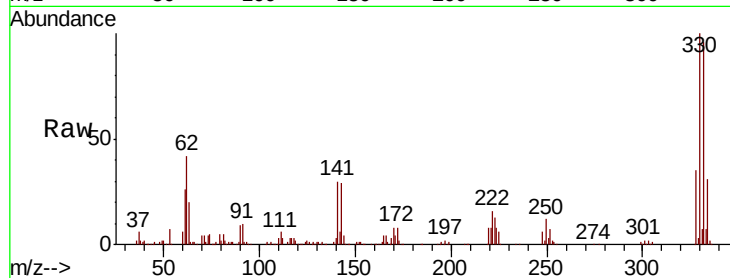
Tot Ion:330 Resp: 957691

Ion Ratio Lower Upper

330 100

332 96.3 77.6 116.4

141 32.5 25.7 38.5

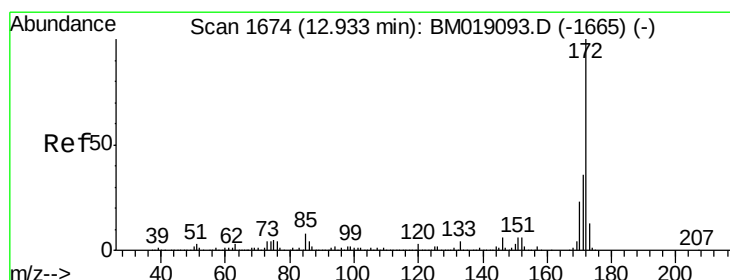
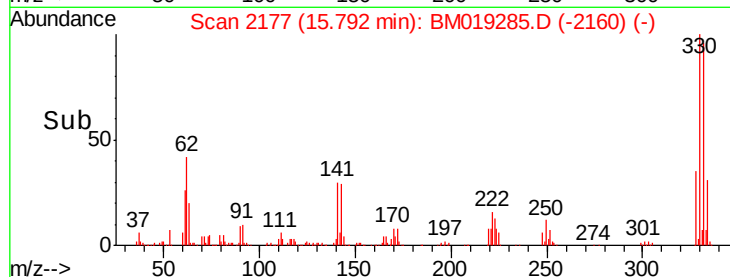
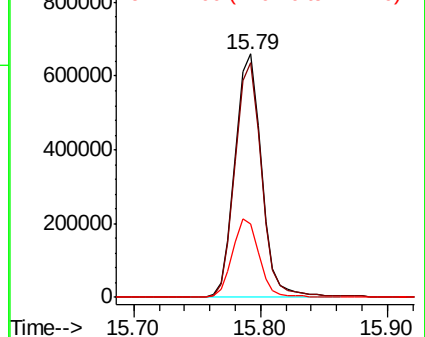


Abundance

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: 73.047 ng

RT: 12.90 min Scan# 1685

Delta R.T. -0.01 min

Lab File: BM019285.D

Acq: 21 Mar 2019 06:28

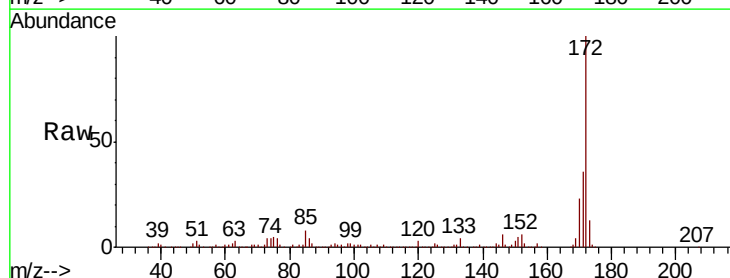
Tgt Ion:172 Resp: 2774903

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.4

170 23.1 18.9 28.3

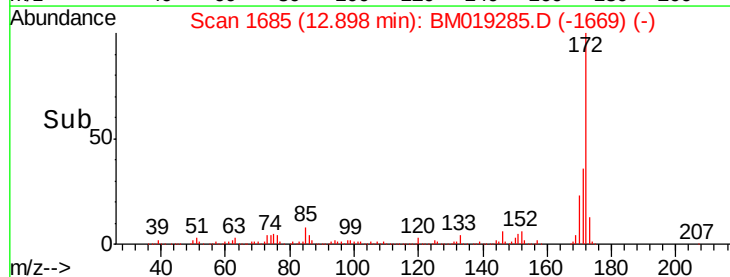
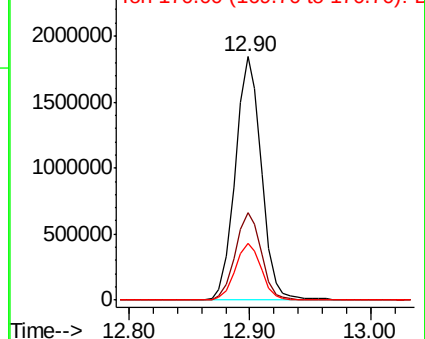


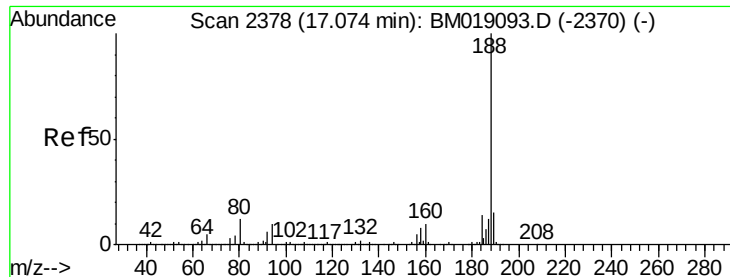
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.04 min Scan# 2390

Delta R.T. 0.00 min

Lab File: BM019285.D

Acq: 21 Mar 2019 06:28

Instrument :

BNA_M

ClientSampleId :

JC-02-031919-I

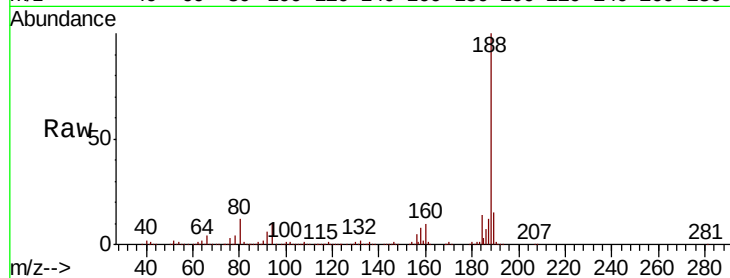
Tot Ion:188 Resp: 1061730

Ion Ratio Lower Upper

188 100

94 9.6 8.7 13.1

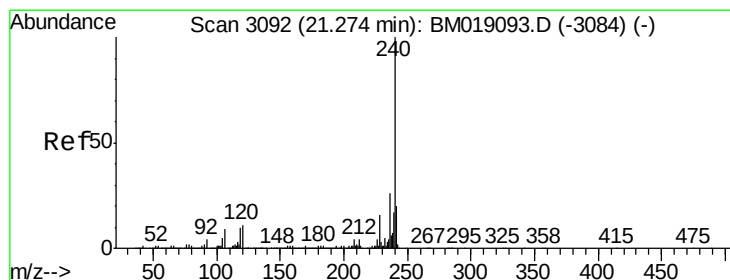
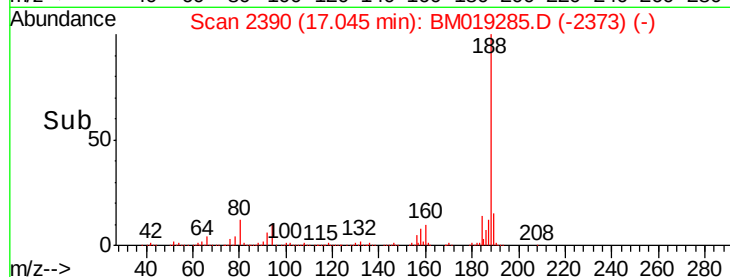
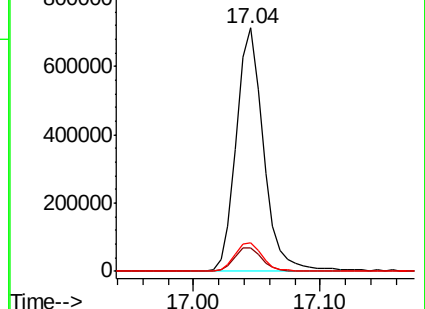
80 12.0 9.8 14.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.24 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM019285.D

Acq: 21 Mar 2019 06:28

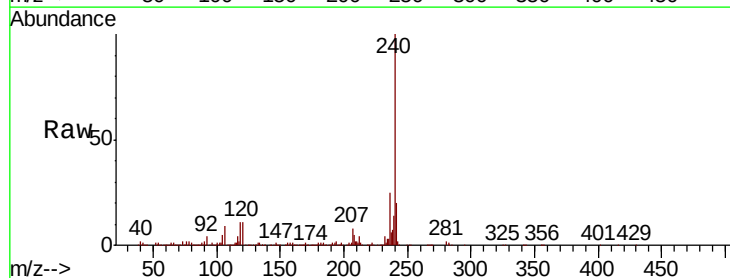
Tgt Ion:240 Resp: 807358

Ion Ratio Lower Upper

240 100

120 11.2 9.2 13.8

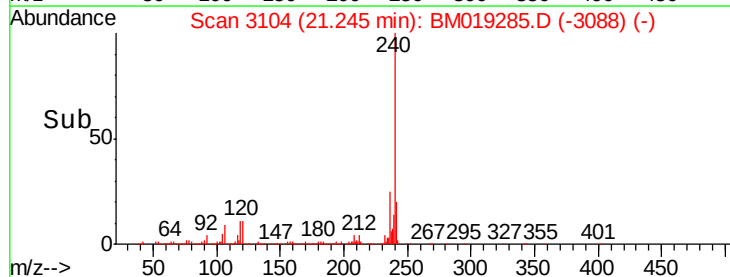
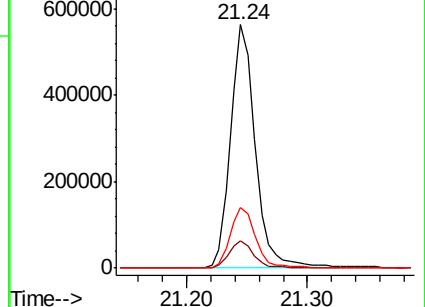
236 25.1 20.3 30.5

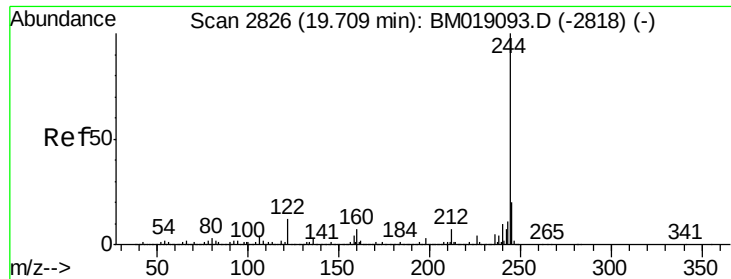


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 112.802 ng

RT: 19.69 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BM019285.D

Acq: 21 Mar 2019 06:28

Instrument :

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JC-02-031919-I

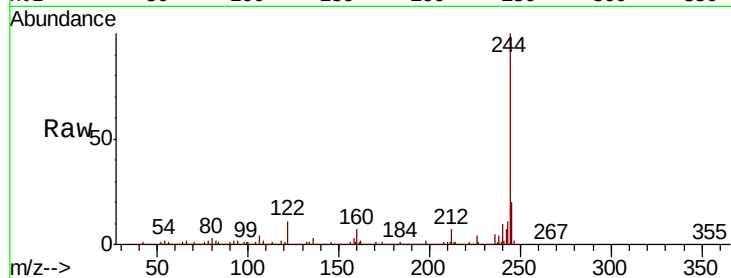
Tot Ion:244 Resp: 4587493

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

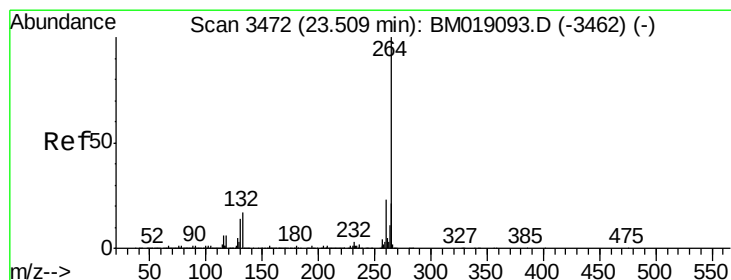
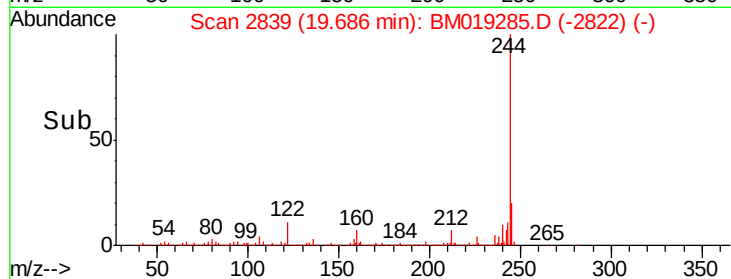
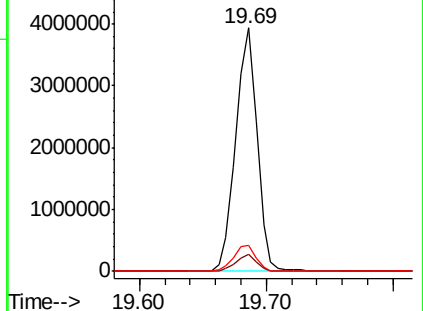
122 10.8 9.6 14.4



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

Perylene-d12

Concen: 20.000 ng

RT: 23.47 min Scan# 3483

Delta R.T. 0.00 min

Lab File: BM019285.D

Acq: 21 Mar 2019 06:28

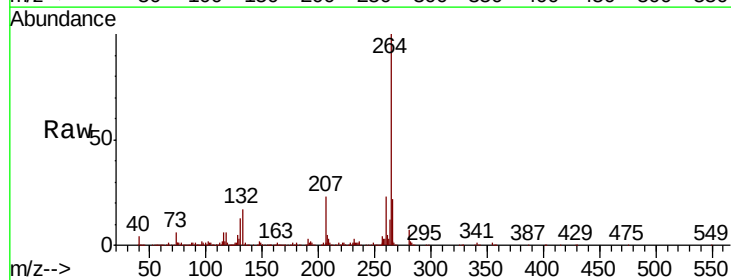
Tgt Ion:264 Resp: 778753

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 22.1 17.6 26.4



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

