

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031819\
 Data File : BM019220.D
 Acq On : 18 Mar 2019 17:52
 Operator : JU/SJ
 Sample : K1935-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-5(13-14)

Quant Time: Mar 19 04:13:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

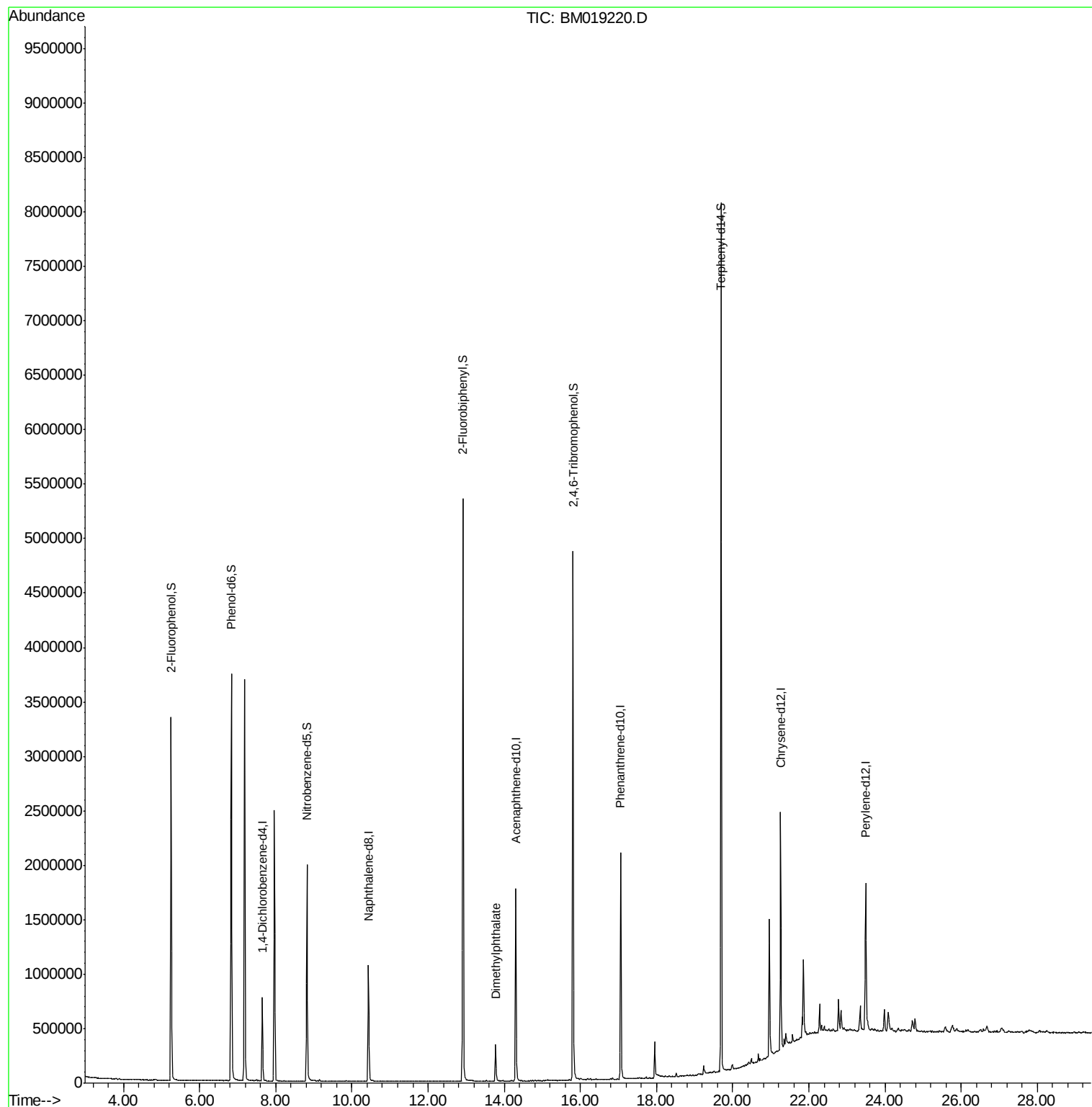
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	203428	20.00	ng	-0.01
21) Naphthalene-d8	10.43	136	921476	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	572033	20.00	ng	-0.02
64) Phenanthrene-d10	17.06	188	1220462	20.00	ng	-0.02
76) Chrysene-d12	21.26	240	1017609	20.00	ng	-0.02
87) Perylene-d12	23.49	264	920991	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1433751	114.14	ng	0.00
7) Phenol-d6	6.83	99	2178450	118.56	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1323848	67.91	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	922212	109.19	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	2688674	61.14	ng	-0.02
79) Terphenyl-d14	19.70	244	3440245	67.11	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.77	163	248345	5.075	ng	Qvalue 100

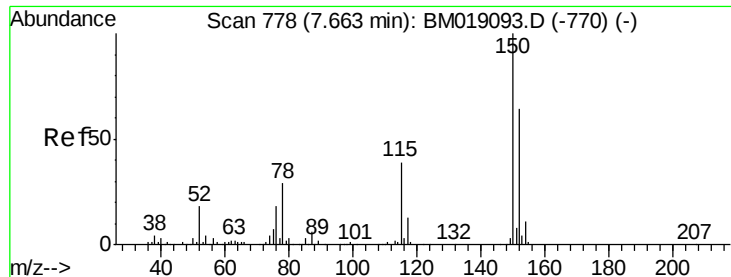
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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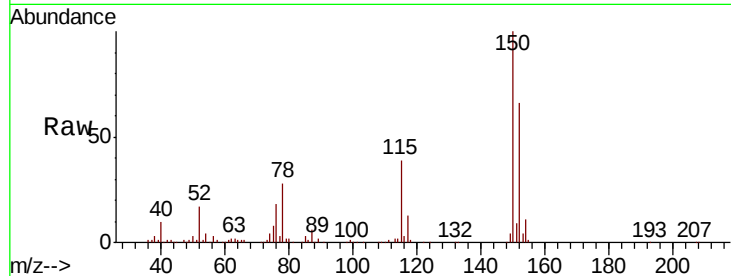


#1

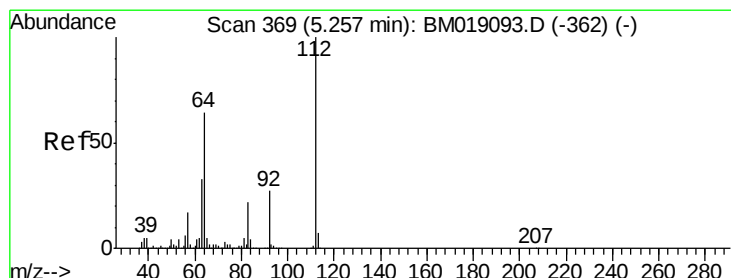
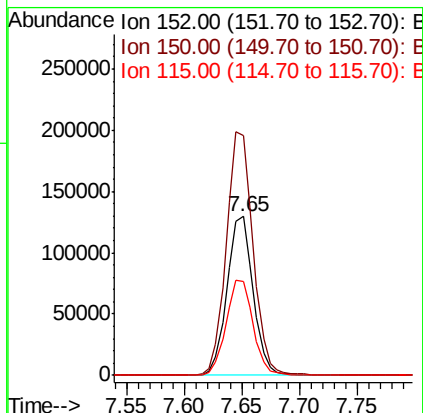
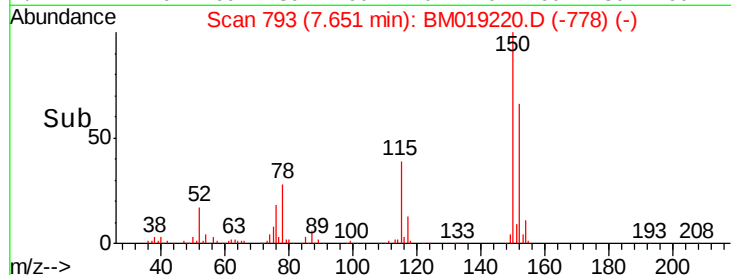
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM019220.D
Acq: 18 Mar 2019 17:52

Instrument :
BNA_M
ClientSampleId :
SB-5(13-14)

Tgt Ion:152 Resp: 203428
Ion Ratio Lower Upper
152 100
150 151.4 125.3 187.9
115 58.9 49.4 74.0



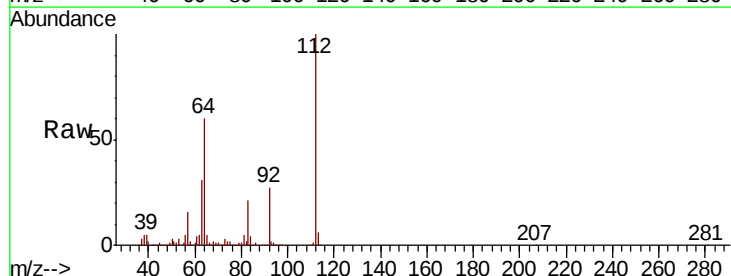
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



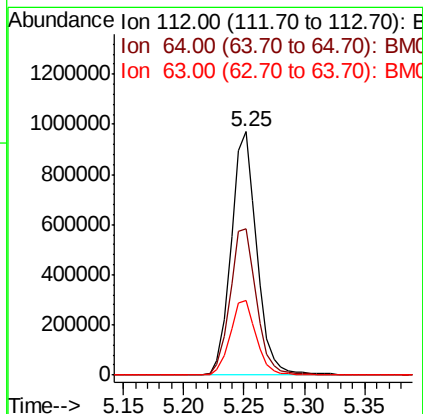
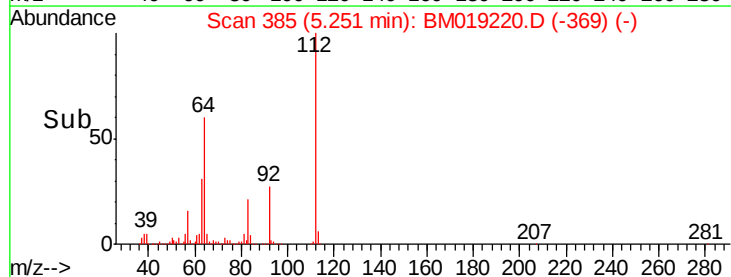
#5

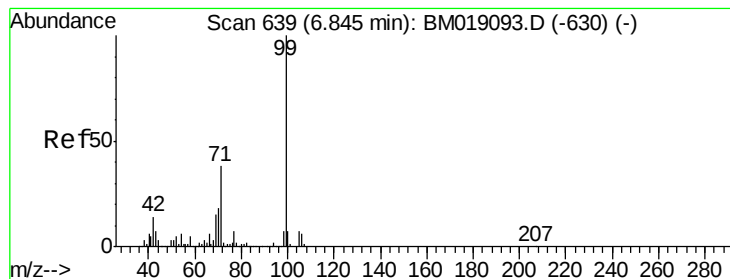
2-Fluorophenol
Concen: 114.140 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM019220.D
Acq: 18 Mar 2019 17:52

Tgt Ion:112 Resp: 1433751
Ion Ratio Lower Upper
112 100
64 60.3 51.4 77.0
63 30.7 26.6 40.0



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: 118.564 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM019220.D

Acq: 18 Mar 2019 17:52

Instrument :

BNA_M

ClientSampleId :

SB-5(13-14)

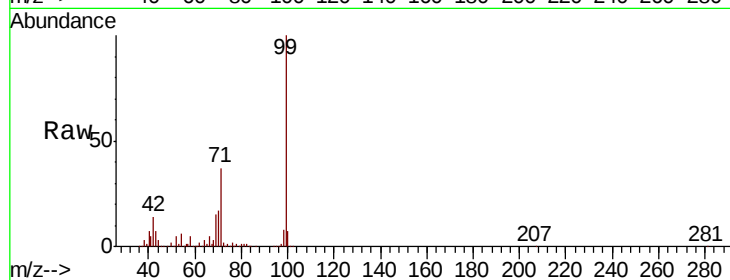
Tgt Ion: 99 Resp: 2178450

Ion Ratio Lower Upper

99 100

42 13.5 10.9 16.3

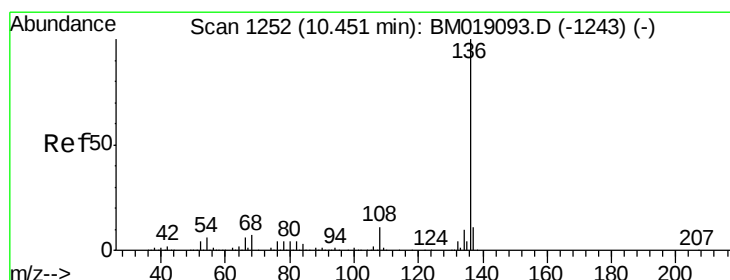
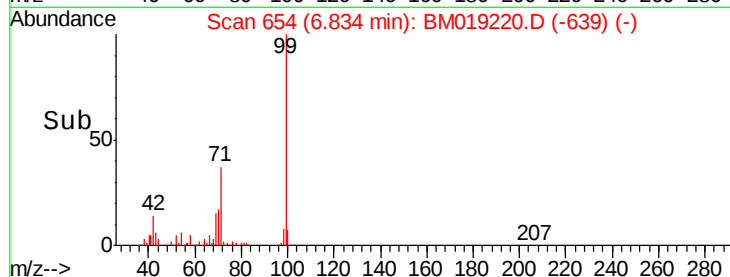
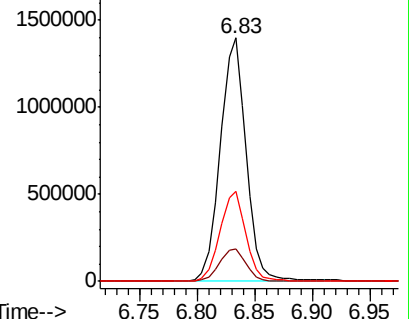
71 36.8 30.3 45.5



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: 10.43 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BM019220.D

Acq: 18 Mar 2019 17:52

Tgt Ion: 136 Resp: 921476

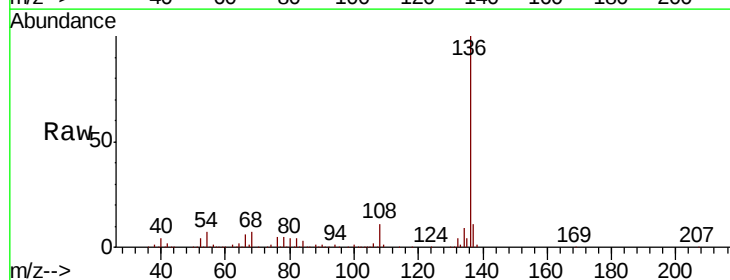
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 6.9 5.2 7.8

68 7.2 5.8 8.8

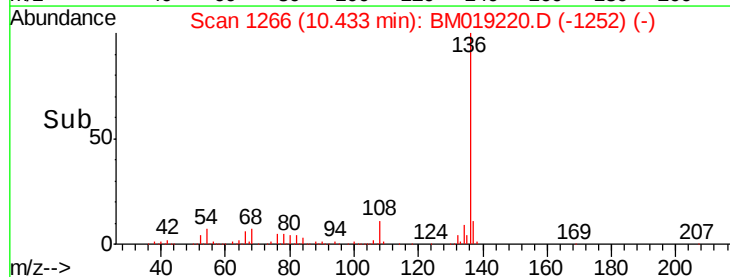
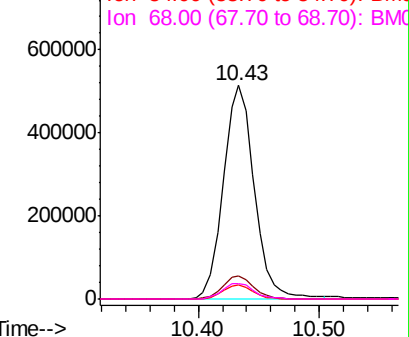


Abundance Ion 136.00 (135.70 to 136.70): BM019093.D (-1243) (-)

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) (-)

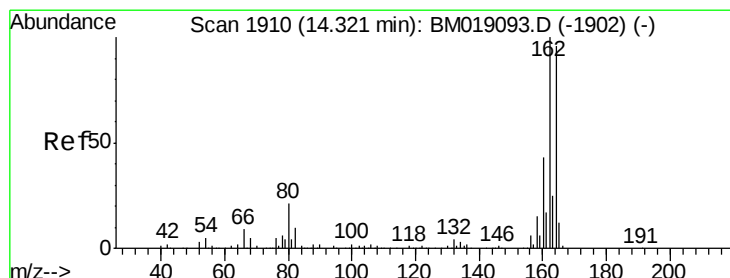
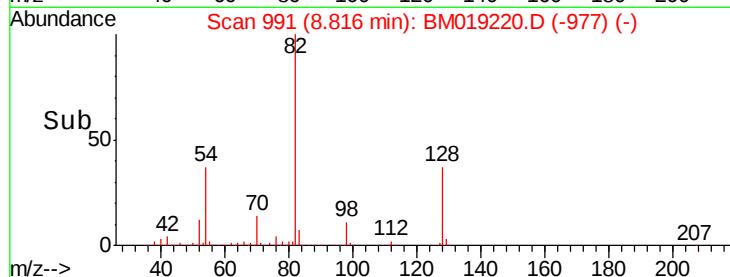
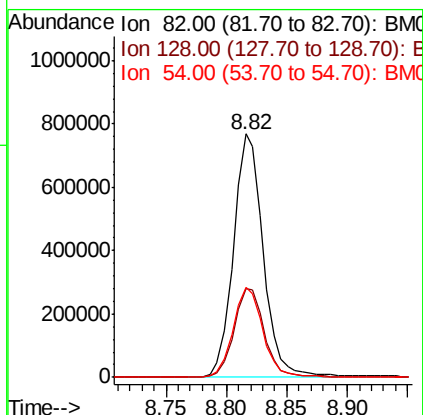
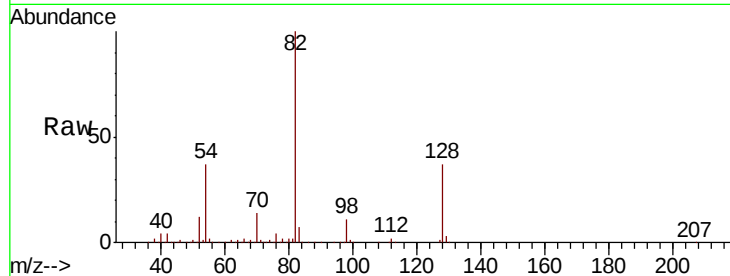




#23
Nitrobenzene-d5
Concen: 67.911 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.02 min
Lab File: BM019220.D
Acq: 18 Mar 2019 17:52

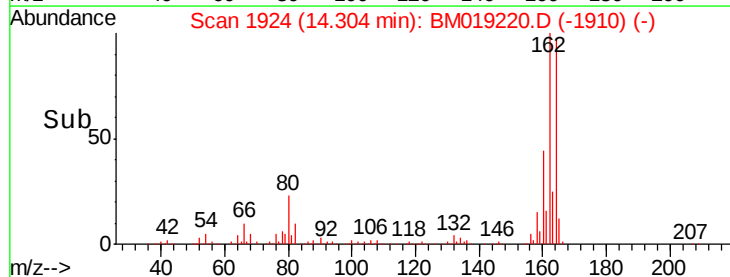
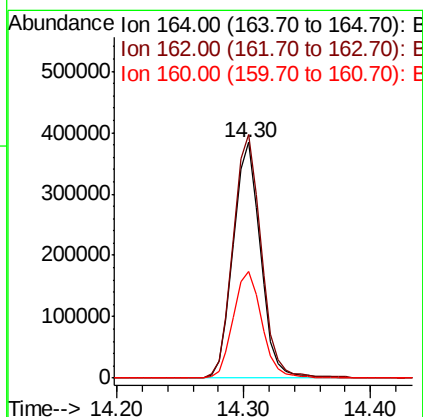
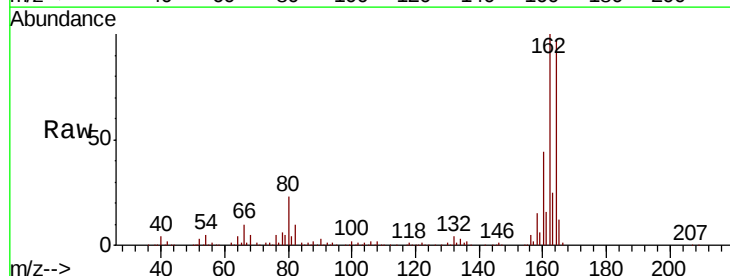
Instrument :
BNA_M
ClientSampled :
SB-5(13-14)

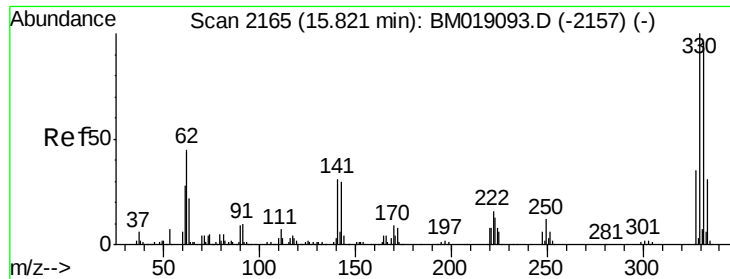
Tgt Ion: 82 Resp: 1323848
Ion Ratio Lower Upper
82 100
128 36.7 29.4 44.2
54 36.8 29.9 44.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.02 min
Lab File: BM019220.D
Acq: 18 Mar 2019 17:52

Tgt Ion: 164 Resp: 572033
Ion Ratio Lower Upper
164 100
162 103.3 83.5 125.3
160 45.0 36.3 54.5

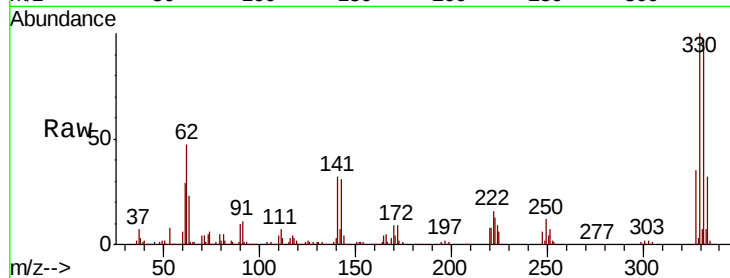




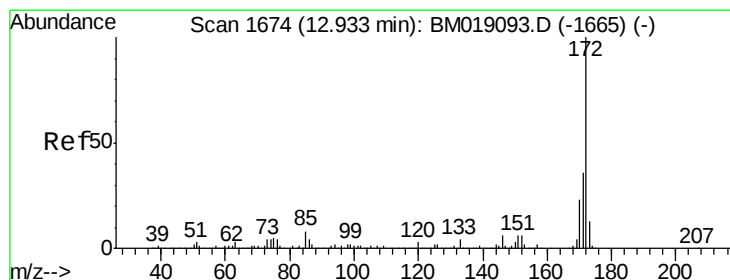
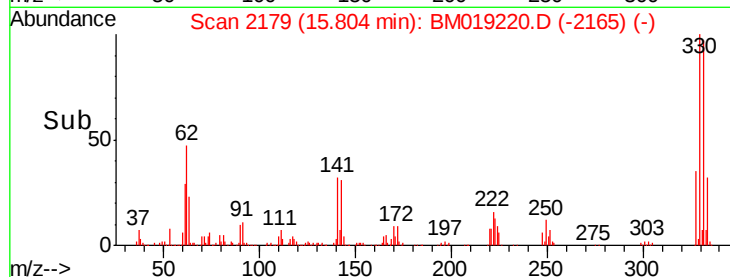
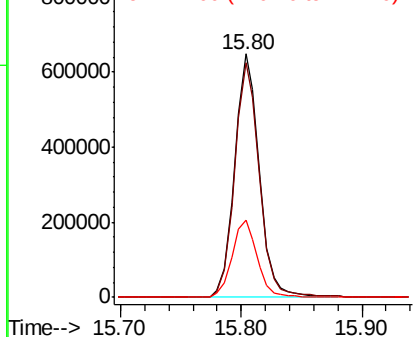
#42
 2,4,6-Tribromophenol
 Concen: 109.191 ng
 RT: 15.80 min Scan# 2179
 Delta R.T. -0.02 min
 Lab File: BM019220.D
 Acq: 18 Mar 2019 17:52

Instrument :
 BNA_M
 ClientSampleId :
 SB-5(13-14)

Tgt Ion:330 Resp: 922212
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.8 115.2
 141 32.6 27.0 40.4

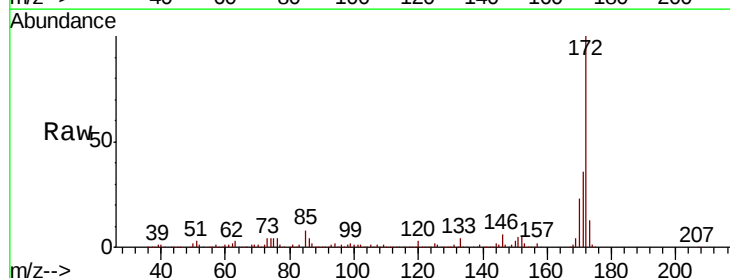


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

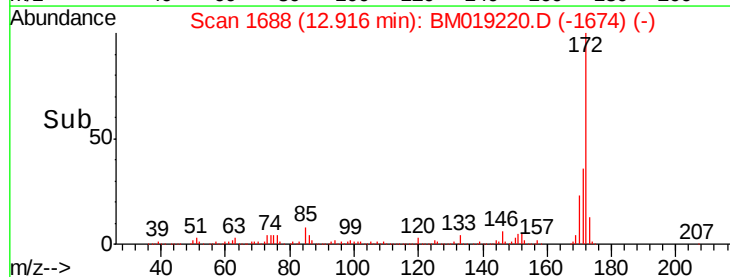
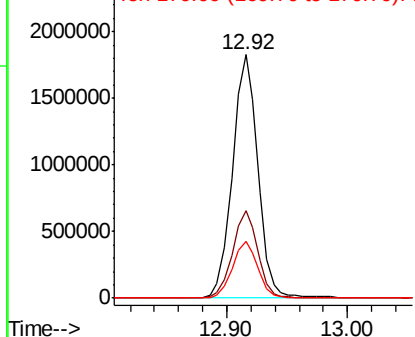


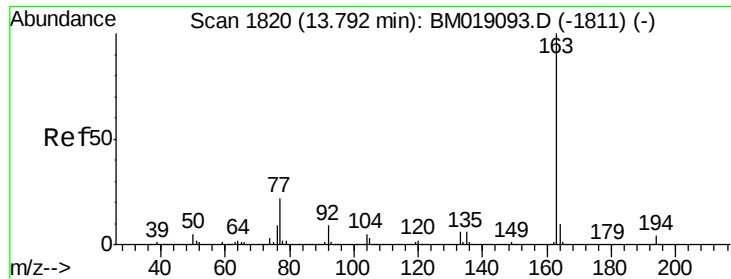
#45
 2-Fluorobiphenyl
 Concen: 61.138 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BM019220.D
 Acq: 18 Mar 2019 17:52

Tgt Ion:172 Resp: 2688674
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 42.8
 170 23.2 18.6 28.0



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: 5.075 ng

RT: 13.77 min Scan# 1833

Delta R.T. -0.02 min

Lab File: BM019220.D

Acq: 18 Mar 2019 17:52

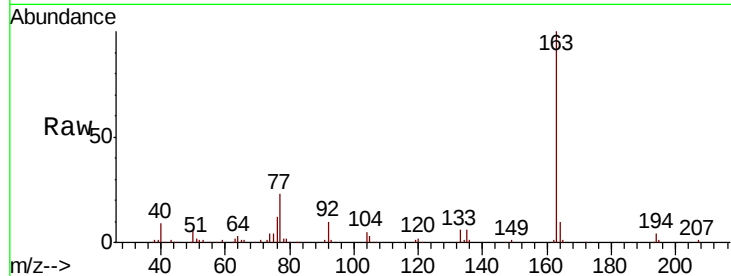
Instrument :

BNA_M

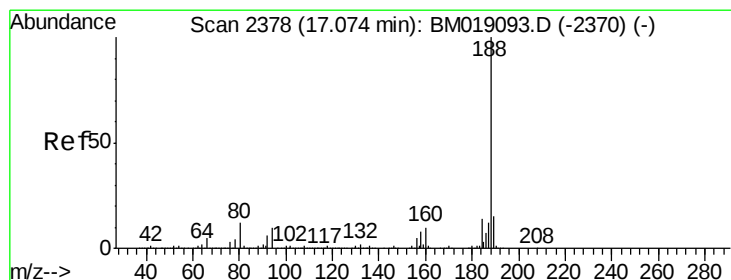
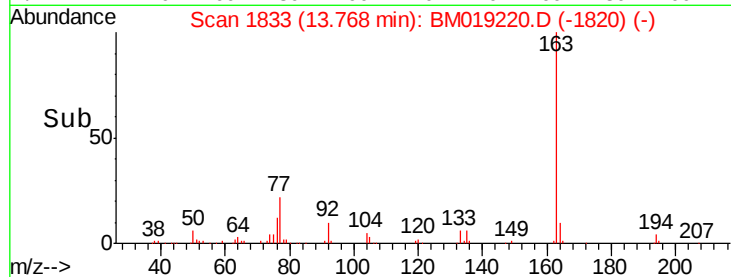
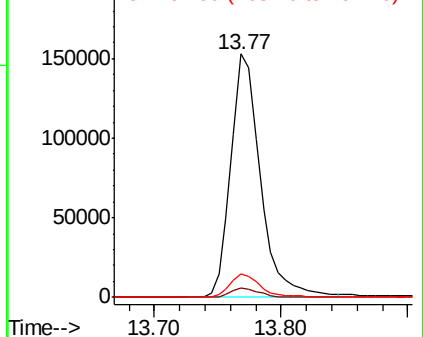
ClientSampleId :

SB-5(13-14)

Tgt Ion:	163	Resp:	248345
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.5	7.7	11.5



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

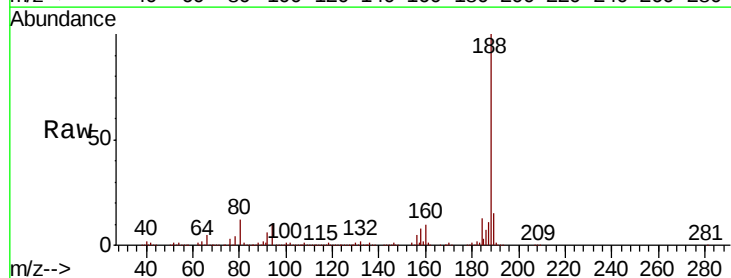
RT: 17.06 min Scan# 2392

Delta R.T. -0.02 min

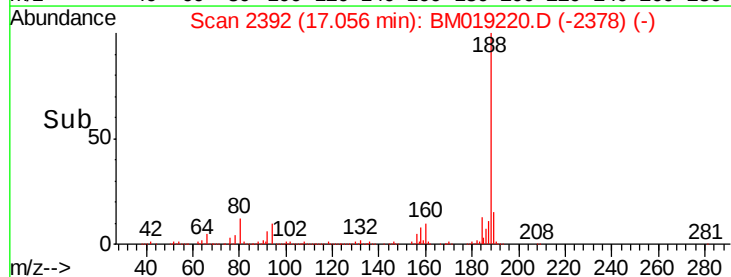
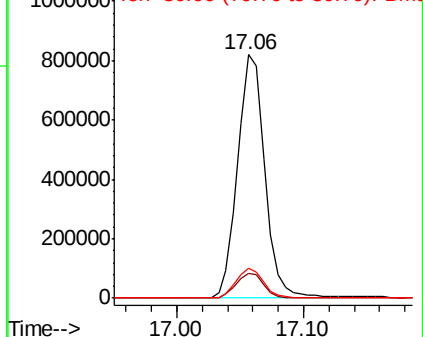
Lab File: BM019220.D

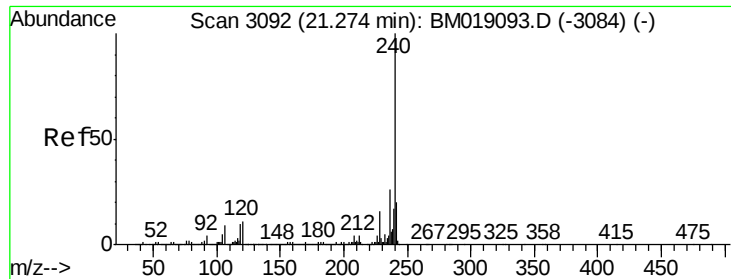
Acq: 18 Mar 2019 17:52

Tgt Ion:	188	Resp:	1220462
Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.1	12.1
80	12.3	9.7	14.5



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

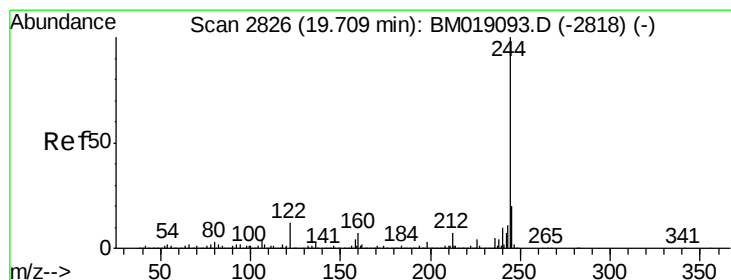
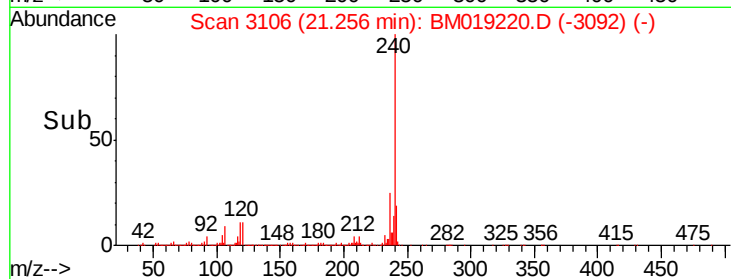
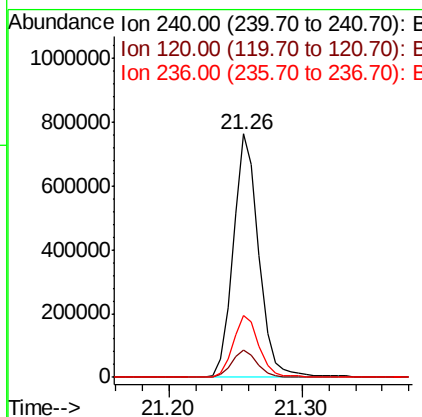
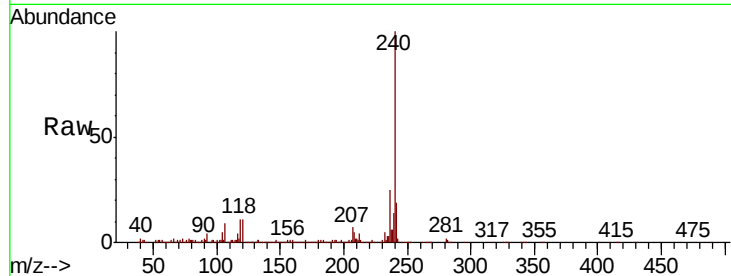




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3106
Delta R.T. -0.02 min
Lab File: BM019220.D
Acq: 18 Mar 2019 17:52

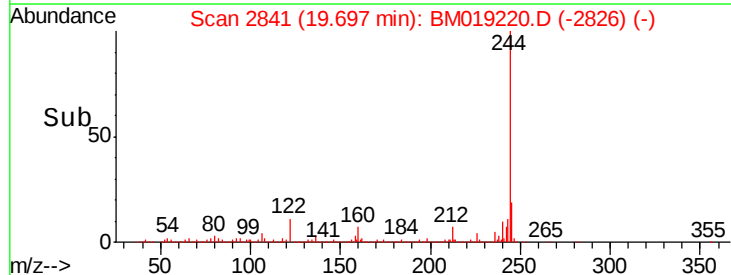
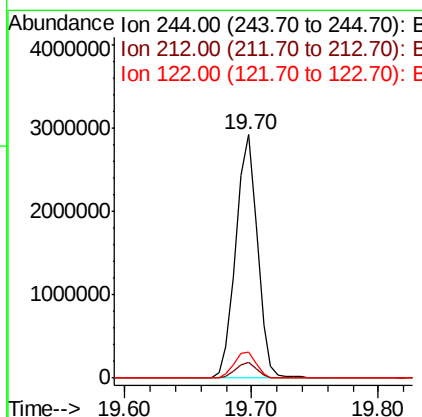
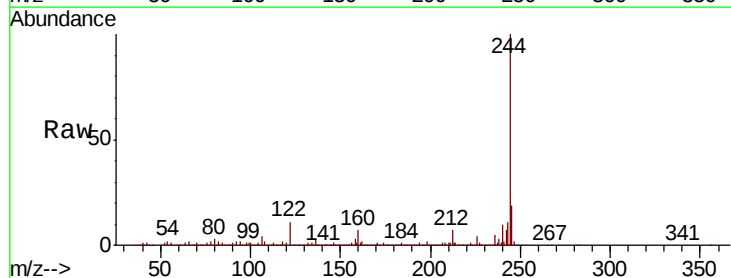
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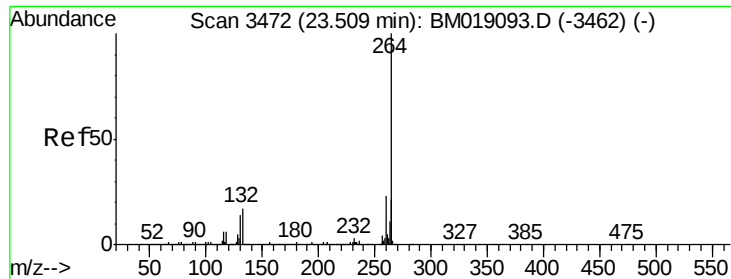
Tgt Ion:240 Resp: 1017609
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 25.5 21.0 31.4



#79
Terphenyl-d14
Concen: 67.115 ng
RT: 19.70 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BM019220.D
Acq: 18 Mar 2019 17:52

Tgt Ion:244 Resp: 3440245
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.2
122 10.8 9.4 14.2





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.49 min Scan# 3486

Delta R.T. -0.02 min

Lab File: BM019220.D

Acq: 18 Mar 2019 17:52

Instrument :

BNA_M

ClientSampleId :

SB-5(13-14)

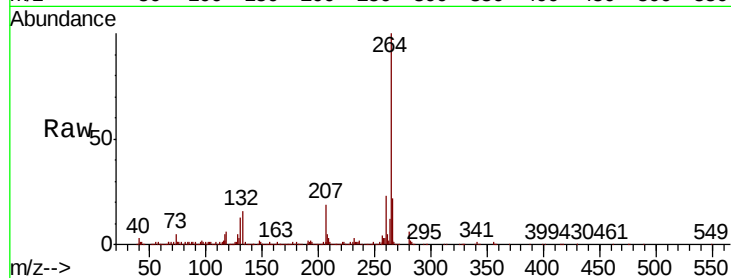
Tgt Ion: 264 Resp: 920991

Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.6 17.3 25.9



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

