

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
 Data File : BM019971.D
 Acq On : 19 Apr 2019 01:48
 Operator : JU/SJ
 Sample : K2442-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-20-S

Quant Time: Apr 19 02:23:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

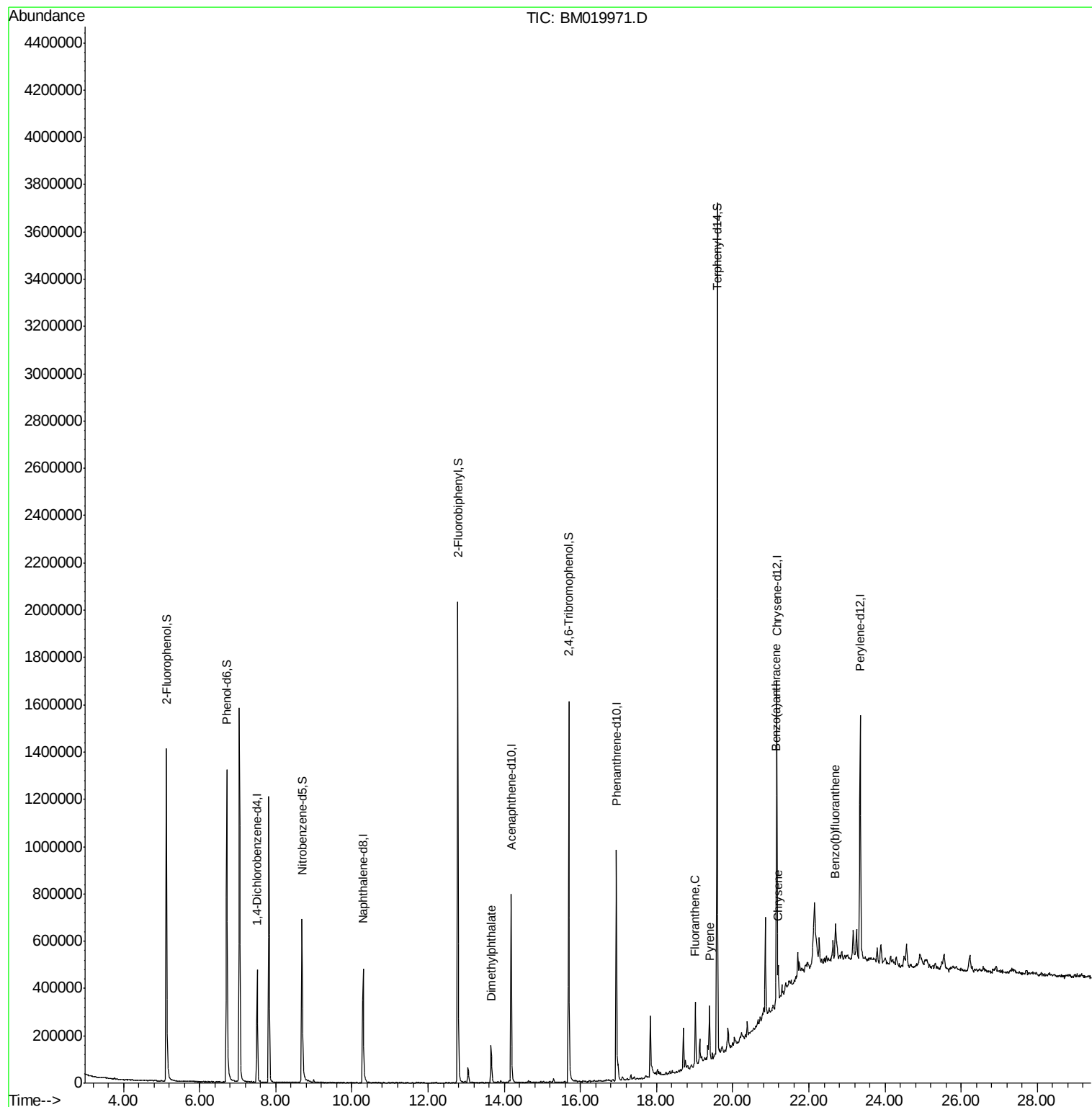
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	118690	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	448369	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	248912	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	545512	20.00	ng	0.00
76) Chrysene-d12	21.16	240	549191	20.00	ng	0.00
87) Perylene-d12	23.34	264	682322	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	615459	84.04	ng	0.00
7) Phenol-d6	6.71	99	832388	75.52	ng	0.00
23) Nitrobenzene-d5	8.69	82	523614	52.23	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	310895	77.59	ng	0.00
45) 2-Fluorobiphenyl	12.78	172	1037300	51.93	ng	0.00
79) Terphenyl-d14	19.59	244	1567260	50.34	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.66	163	123804	5.639	ng	Qvalue 97
75) Fluoranthene	19.02	202	126749	3.402	ng	99
78) Pyrene	19.39	202	125283	3.445	ng	99
81) Benzo(a)anthracene	21.14	228	82697	2.377	ng	97
83) Chrysene	21.20	228	73450	2.201	ng	96
88) Benzo(b)fluoranthene	22.70	252	107837	2.380	ng	# 94

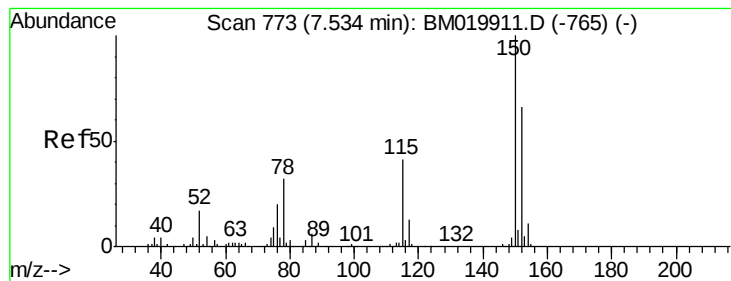
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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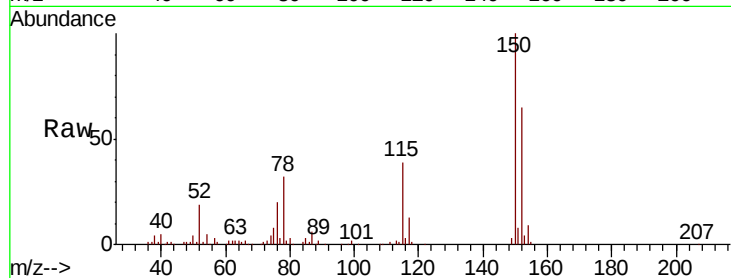


#1

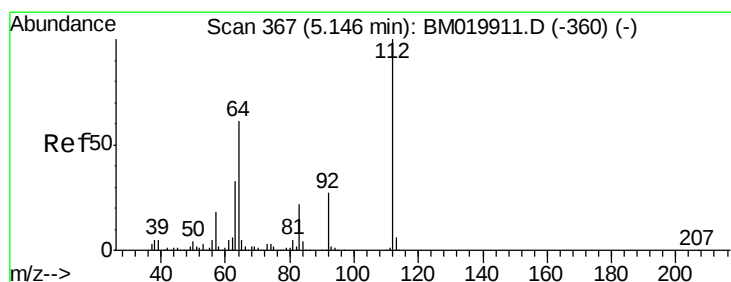
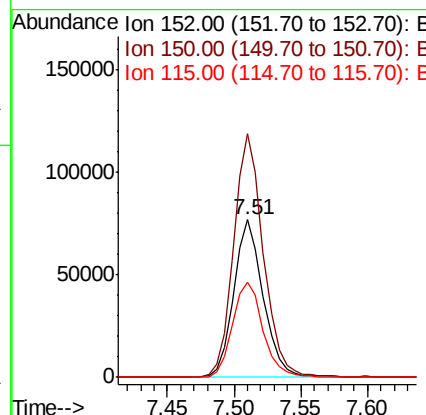
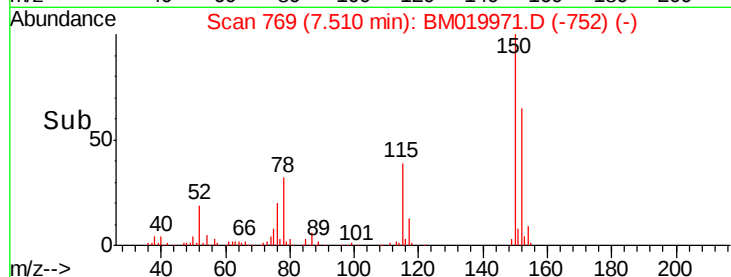
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 769
Delta R.T. 0.00 min
Lab File: BM019971.D
Acq: 19 Apr 2019 01:48

Instrument :
BNA_M
ClientSampleId :
TP-20-S

Tot Ion:152 Resp: 118690
Ion Ratio Lower Upper
152 100
150 154.8 122.1 183.1
115 60.2 50.0 75.0



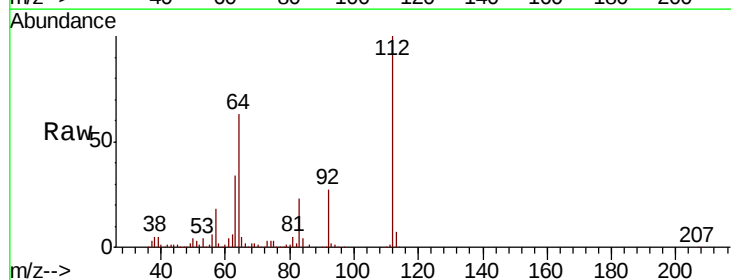
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



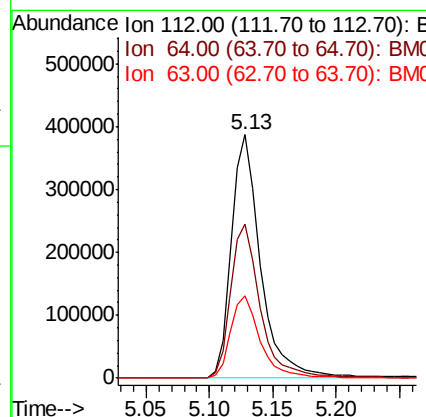
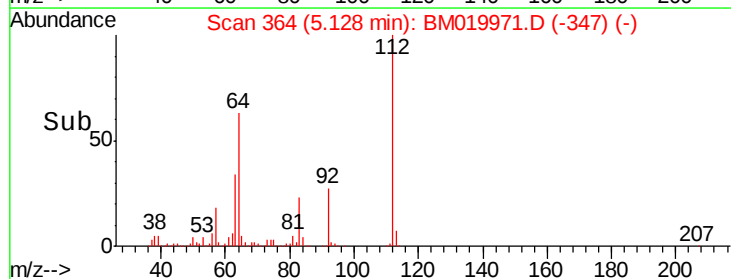
#5

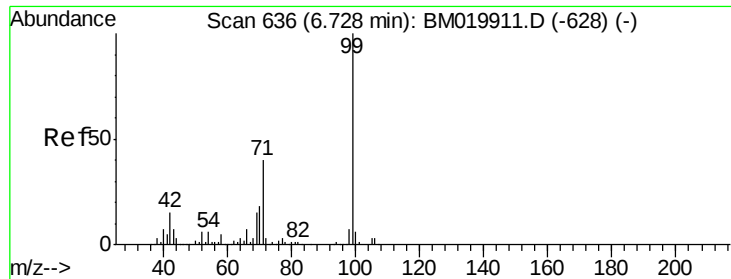
2-Fluorophenol
Concen: 84.038 ng
RT: 5.13 min Scan# 364
Delta R.T. 0.00 min
Lab File: BM019971.D
Acq: 19 Apr 2019 01:48

Tgt Ion:112 Resp: 615459
Ion Ratio Lower Upper
112 100
64 63.1 49.1 73.7
63 33.7 26.5 39.7



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: 75.521 ng

RT: 6.71 min Scan# 633

Delta R.T. 0.00 min

Lab File: BM019971.D

Acq: 19 Apr 2019 01:48

Instrument :

BNA_M

ClientSampleId :

TP-20-S

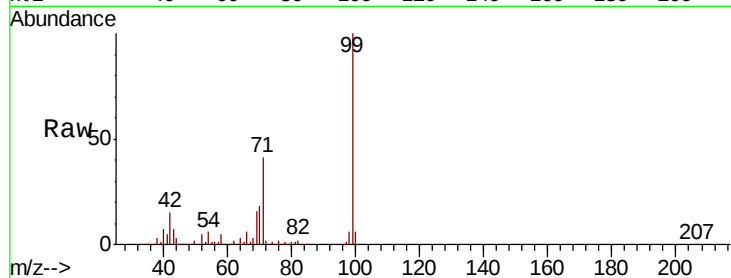
Tot Ion: 99 Resp: 832388

Ion Ratio Lower Upper

99 100

42 15.0 11.8 17.8

71 40.8 32.0 48.0

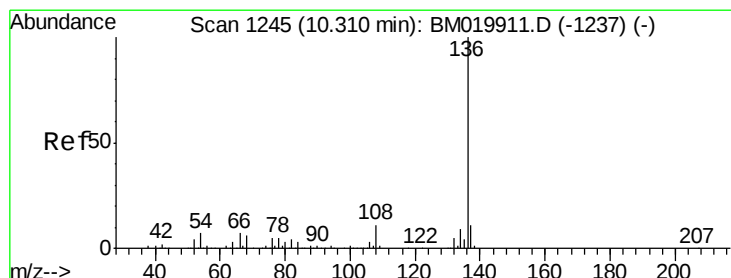
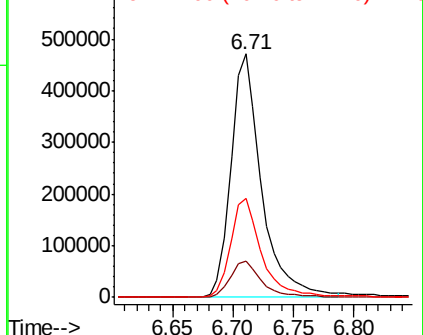
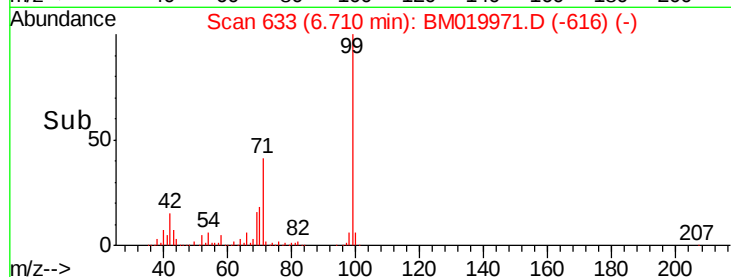


Abundance

Ion 99.00 (98.70 to 99.70): BM019971.D (-616) (-)

Ion 42.00 (41.70 to 42.70): BM019971.D (-616) (-)

Ion 71.00 (70.70 to 71.70): BM019971.D (-616) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1242

Delta R.T. 0.01 min

Lab File: BM019971.D

Acq: 19 Apr 2019 01:48

Tgt Ion: 136 Resp: 448369

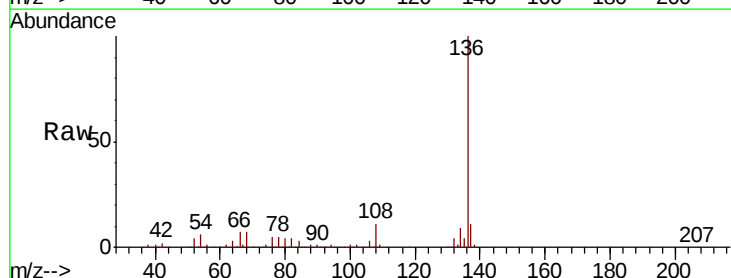
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 6.2 5.3 7.9

68 6.5 5.2 7.8



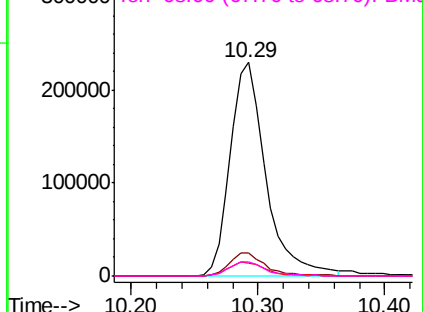
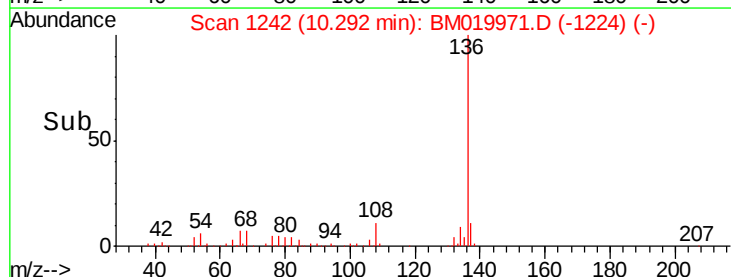
Abundance

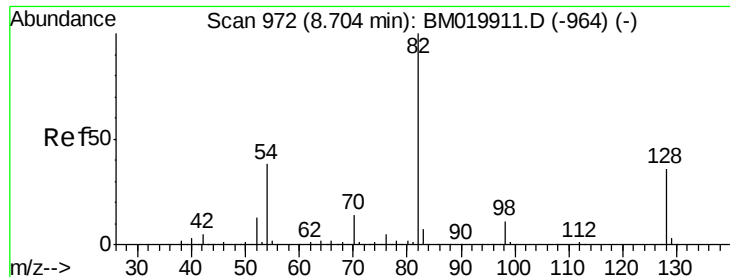
Ion 136.00 (135.70 to 136.70): BM019971.D (-1224) (-)

Ion 137.00 (136.70 to 137.70): BM019971.D (-1224) (-)

Ion 54.00 (53.70 to 54.70): BM019971.D (-1224) (-)

Ion 68.00 (67.70 to 68.70): BM019971.D (-1224) (-)

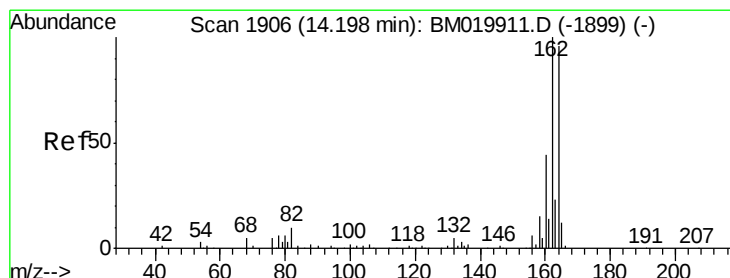
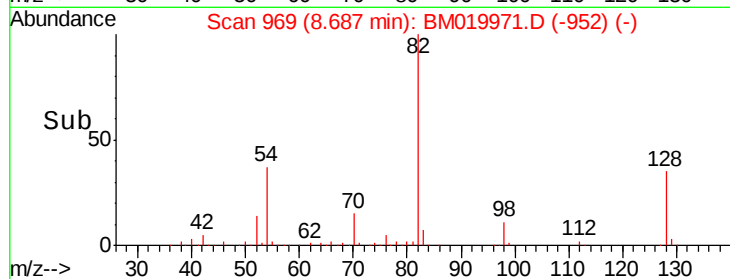
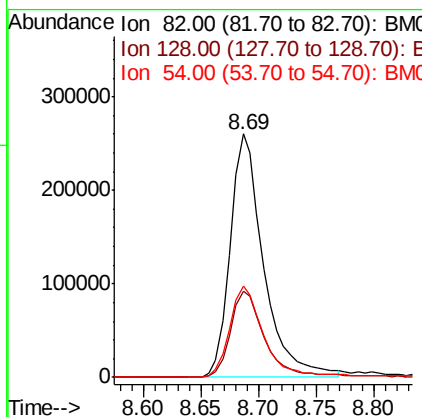
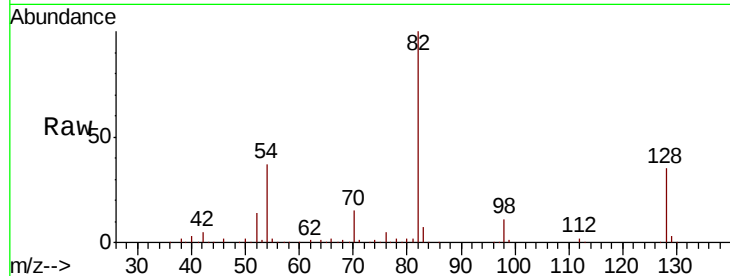




#23
 Nitrobenzene-d5
 Concen: 52.226 ng
 RT: 8.69 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BM019971.D
 Acq: 19 Apr 2019 01:48

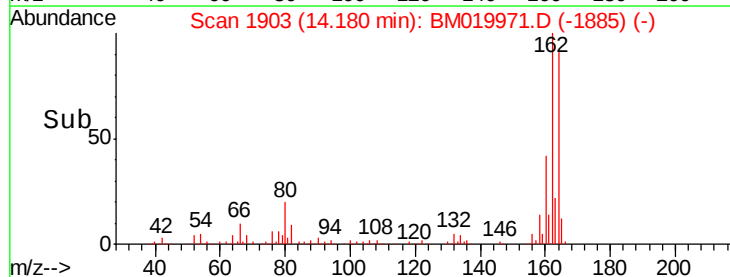
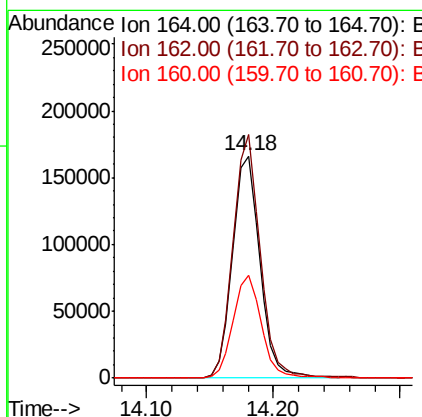
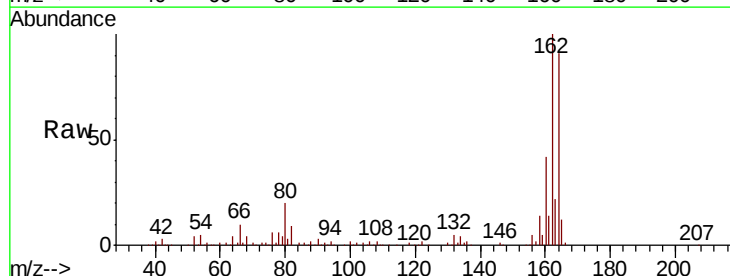
Instrument :
 BNA_M
 ClientSampleId :
 TP-20-S

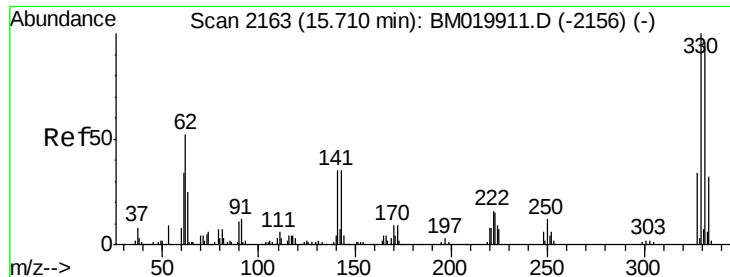
Tot Ion: 82 Resp: 523614
 Ion Ratio Lower Upper
 82 100
 128 35.4 29.0 43.4
 54 37.3 30.2 45.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.18 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: BM019971.D
 Acq: 19 Apr 2019 01:48

Tgt Ion: 164 Resp: 248912
 Ion Ratio Lower Upper
 164 100
 162 109.6 83.0 124.4
 160 46.3 36.6 55.0

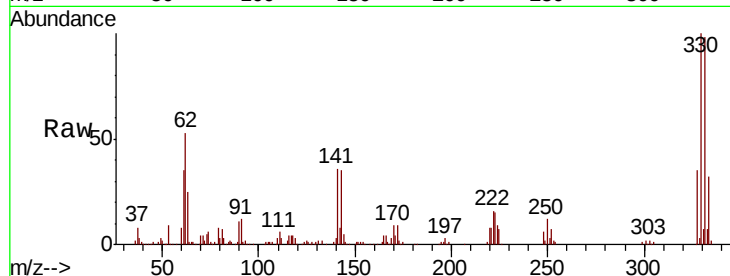




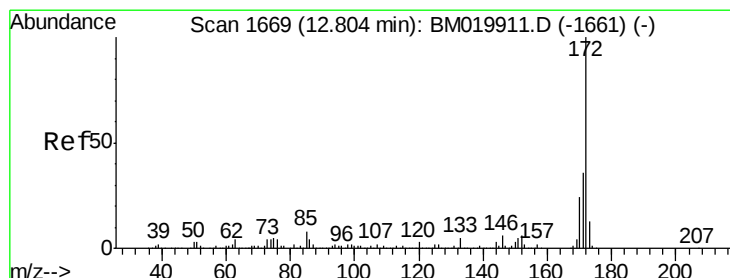
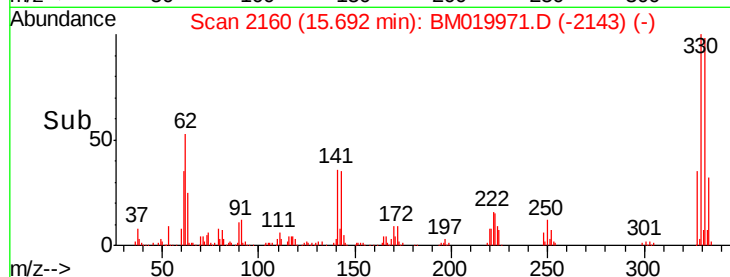
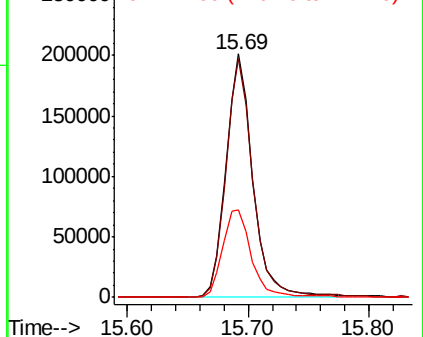
#42
 2,4,6-Tribromophenol
 Concen: 77.592 ng
 RT: 15.69 min Scan# 2160
 Delta R.T. 0.00 min
 Lab File: BM019971.D
 Acq: 19 Apr 2019 01:48

Instrument :
 BNA_M
 ClientSampleId :
 TP-20-S

Tot Ion:330 Resp: 310895
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.4 116.2
 141 38.4 29.0 43.4

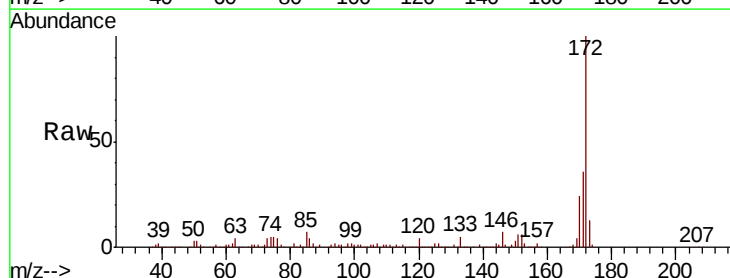


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

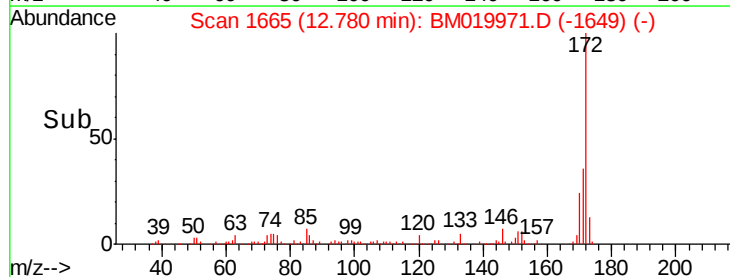
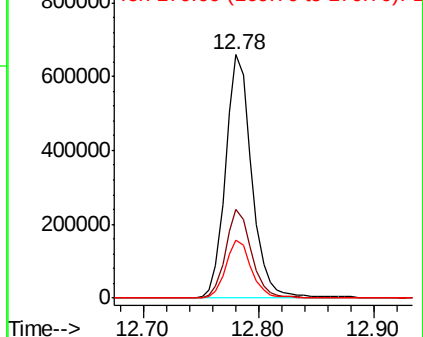


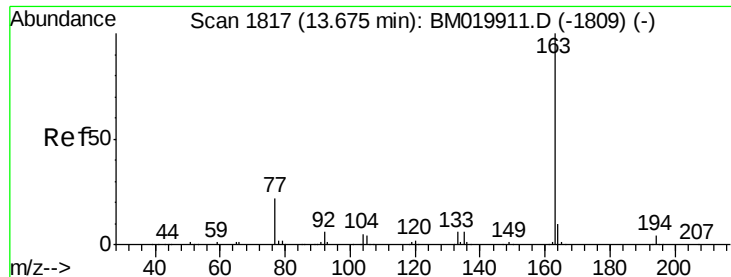
#45
 2-Fluorobiphenyl
 Concen: 51.935 ng
 RT: 12.78 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BM019971.D
 Acq: 19 Apr 2019 01:48

Tgt Ion:172 Resp: 1037300
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.9 43.3
 170 23.6 19.0 28.4



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: 5.639 ng

RT: 13.66 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BM019971.D

Acq: 19 Apr 2019 01:48

Instrument :

BNA_M

ClientSampleId :

TP-20-S

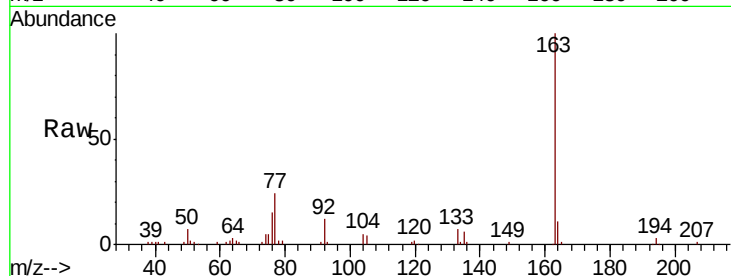
Tot Ion:163 Resp: 123804

Ion Ratio Lower Upper

163 100

194 3.1 3.1 4.7

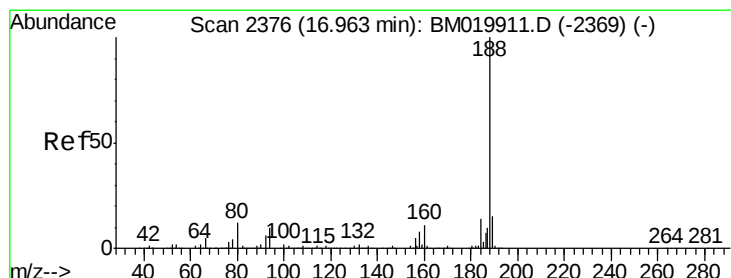
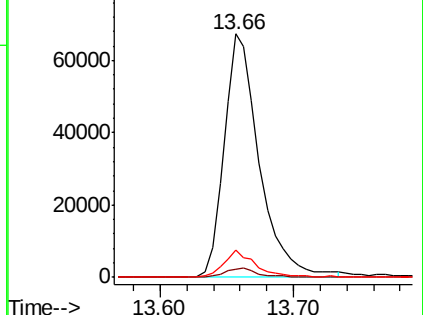
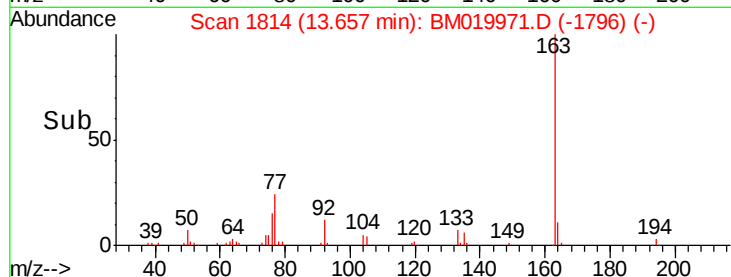
164 11.3 7.9 11.9



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: 16.94 min Scan# 2373

Delta R.T. 0.00 min

Lab File: BM019971.D

Acq: 19 Apr 2019 01:48

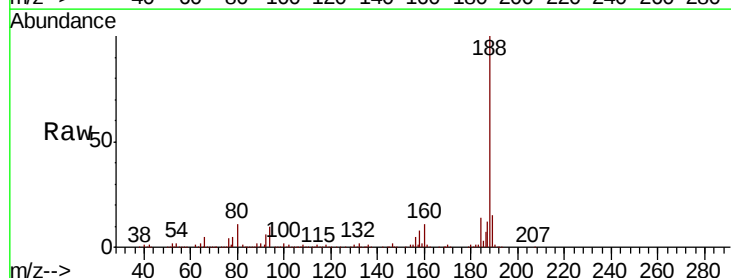
Tgt Ion:188 Resp: 545512

Ion Ratio Lower Upper

188 100

94 9.5 7.6 11.4

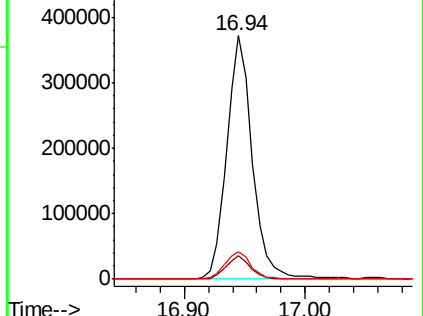
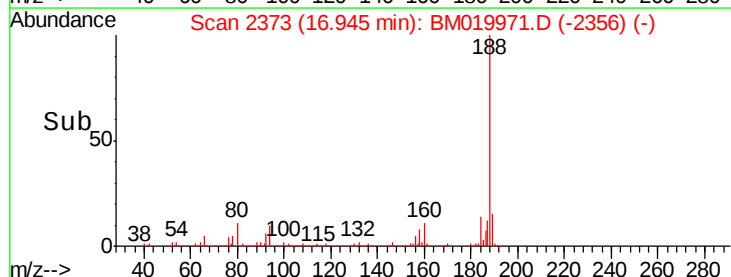
80 11.4 9.4 14.0

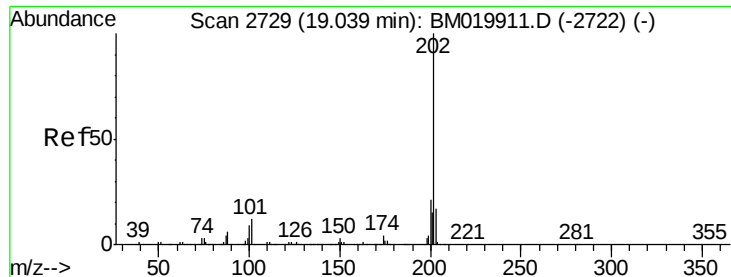


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Fluoranthene

Concen: 3.402 ng

RT: 19.02 min Scan# 2726

Delta R.T. 0.00 min

Lab File: BM019971.D

Acq: 19 Apr 2019 01:48

Instrument :

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ClientSampleId :

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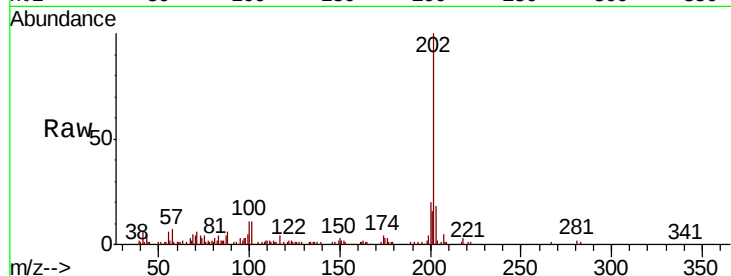
Tot Ion:202 Resp: 126749

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.7

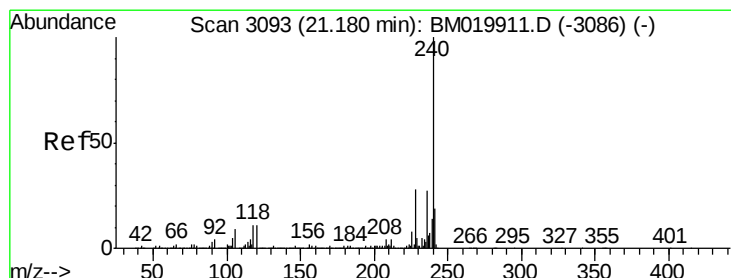
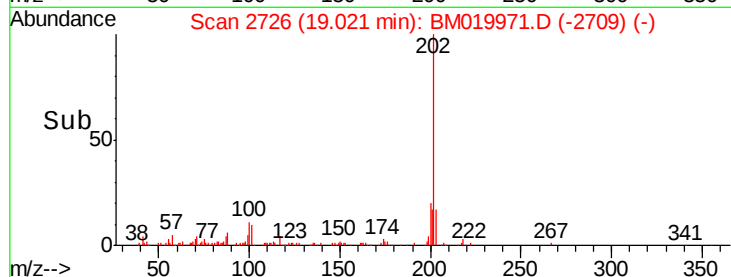
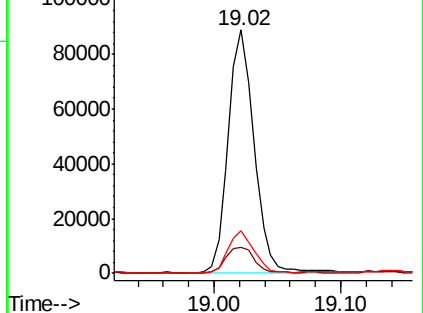
203 17.6 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.16 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM019971.D

Acq: 19 Apr 2019 01:48

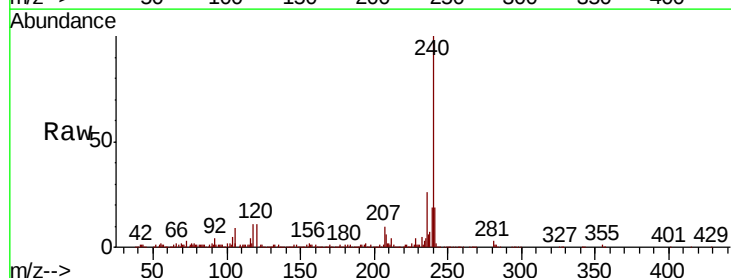
Tgt Ion:240 Resp: 549191

Ion Ratio Lower Upper

240 100

120 11.1 8.6 13.0

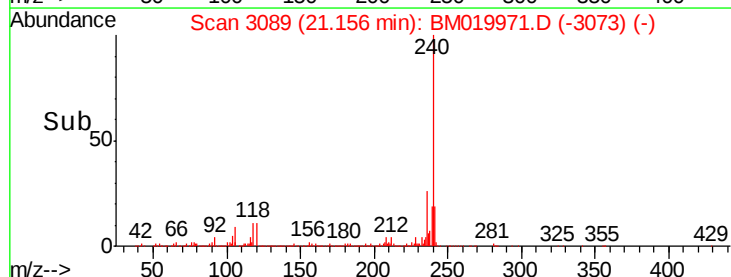
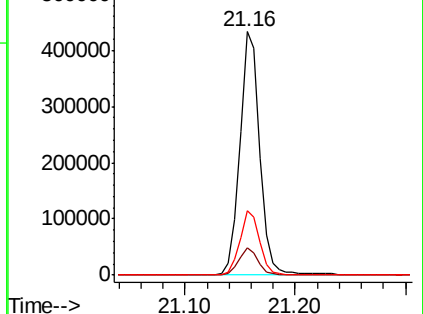
236 26.4 21.4 32.2

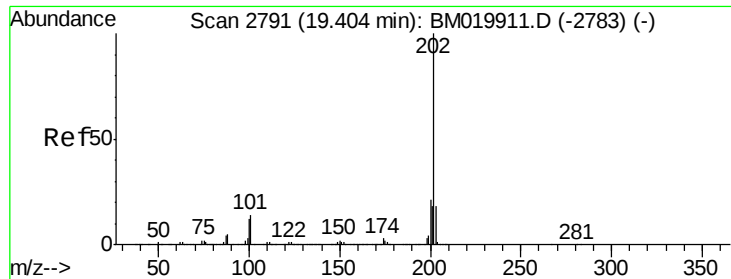


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

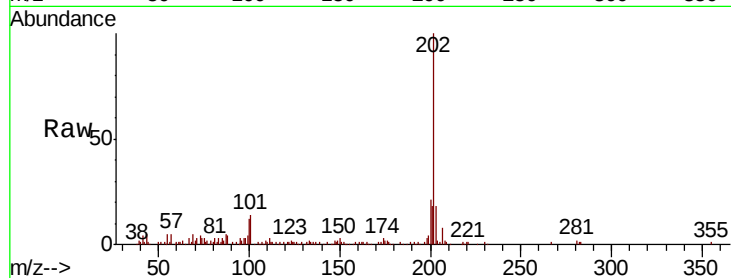




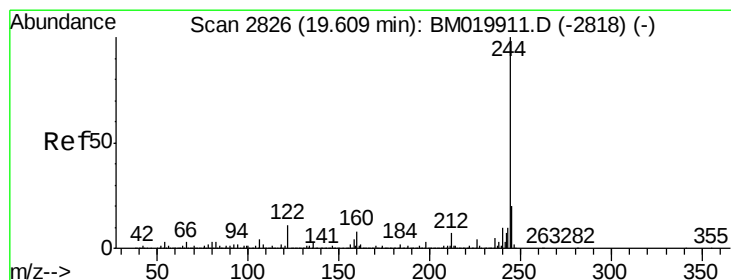
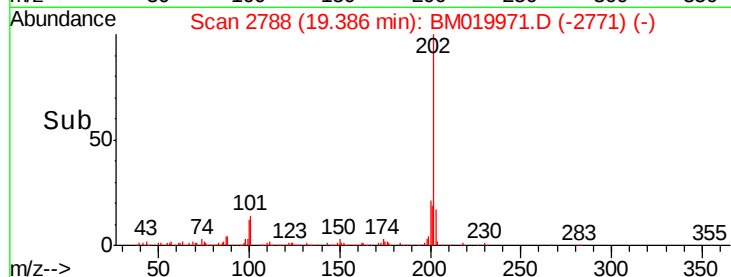
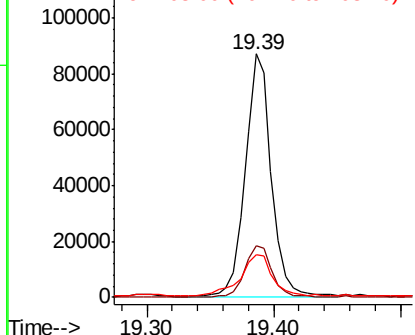
#78
Pvrene
Concen: 3.445 ng
RT: 19.39 min Scan# 2788
Delta R.T. 0.00 min
Lab File: BM019971.D
Acq: 19 Apr 2019 01:48

Instrument :
BNA_M
ClientSampleId :
TP-20-S

Tot Ion:202 Resp: 125283
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.7 14.0 21.0

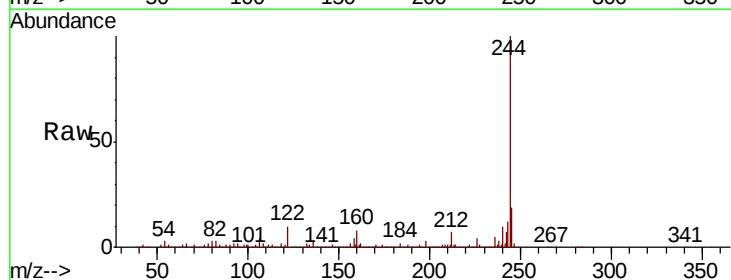


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

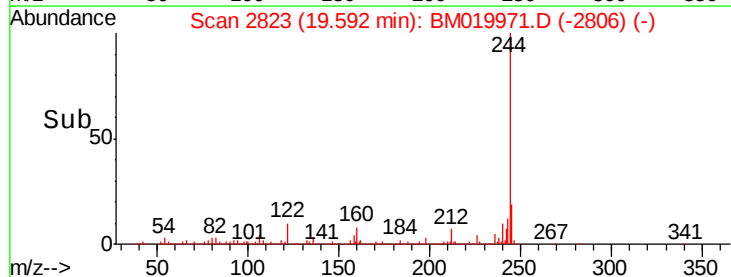
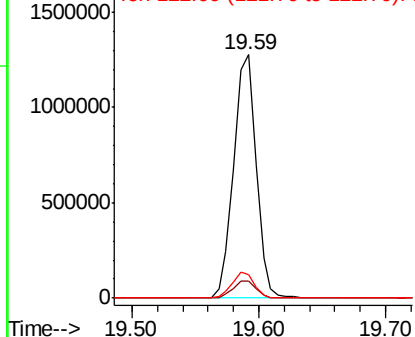


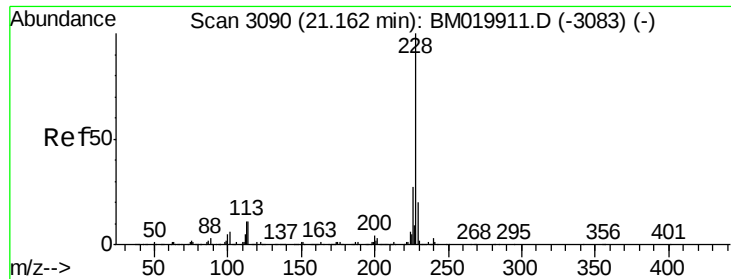
#79
Terphenyl-d14
Concen: 50.335 ng
RT: 19.59 min Scan# 2823
Delta R.T. 0.00 min
Lab File: BM019971.D
Acq: 19 Apr 2019 01:48

Tgt Ion:244 Resp: 1567260
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 9.8 9.1 13.7



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

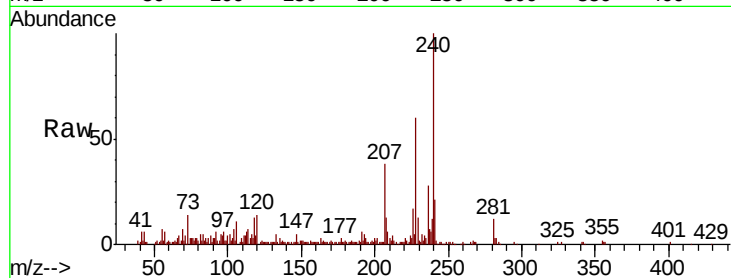




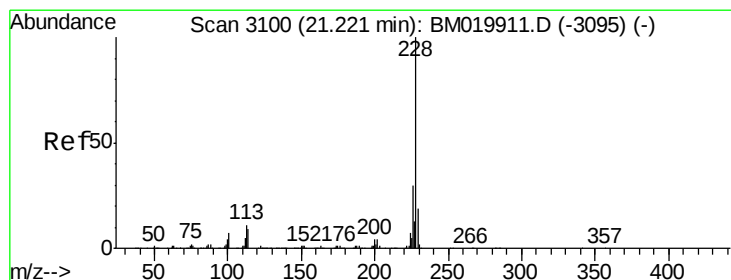
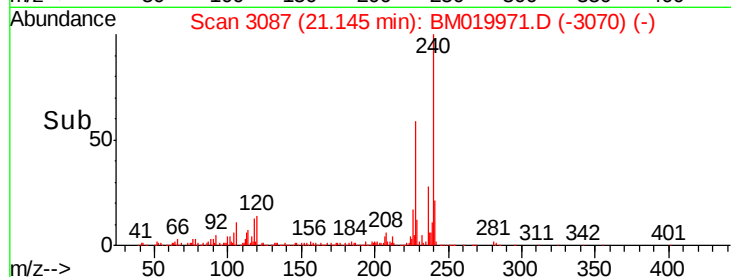
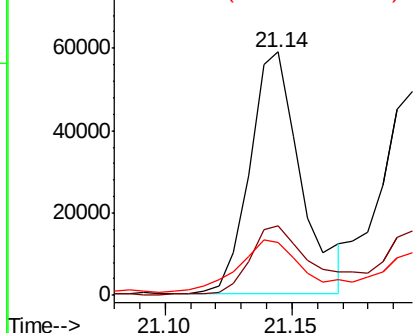
#81
Benzo(a)anthracene
Concen: 2.377 ng
RT: 21.14 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BM019971.D
Acq: 19 Apr 2019 01:48

Instrument :
BNA_M
ClientSampleId :
TP-20-S

Tot Ion:228 Resp: 82697
Ion Ratio Lower Upper
228 100
226 28.6 21.8 32.6
229 21.6 15.9 23.9

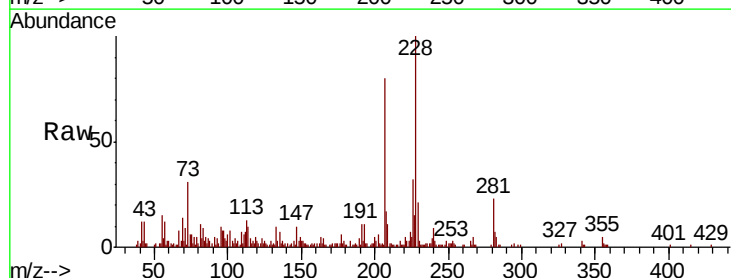


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

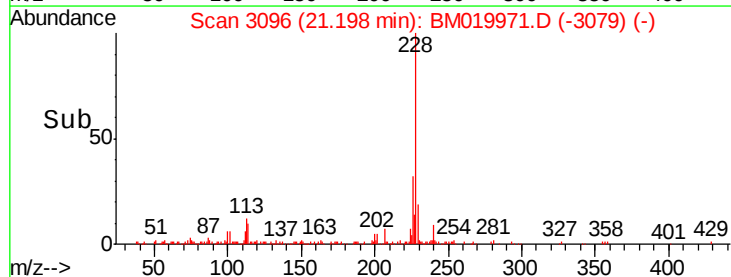
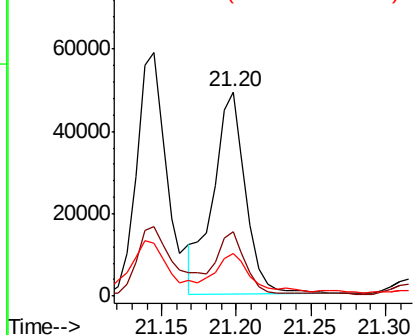


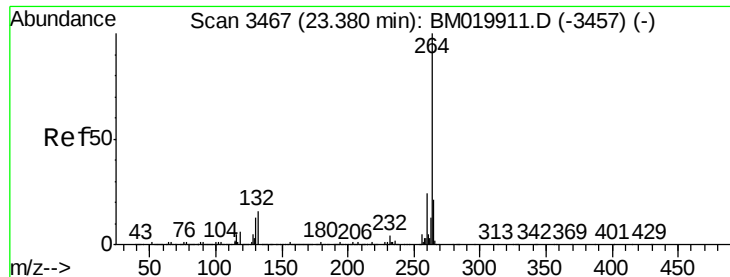
#83
Chrysene
Concen: 2.201 ng
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BM019971.D
Acq: 19 Apr 2019 01:48

Tgt Ion:228 Resp: 73450
Ion Ratio Lower Upper
228 100
226 31.7 23.7 35.5
229 20.9 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



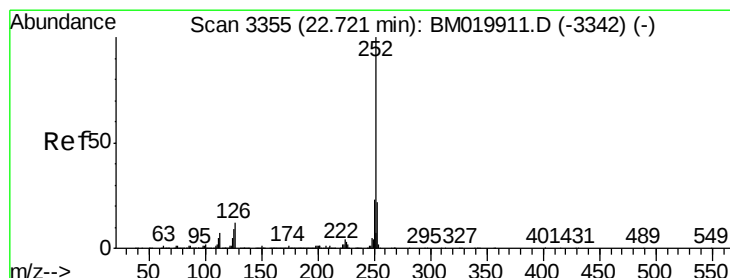
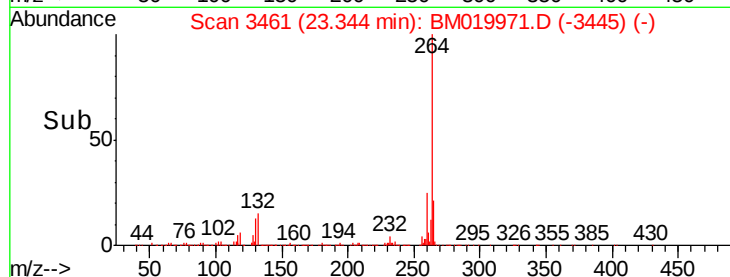
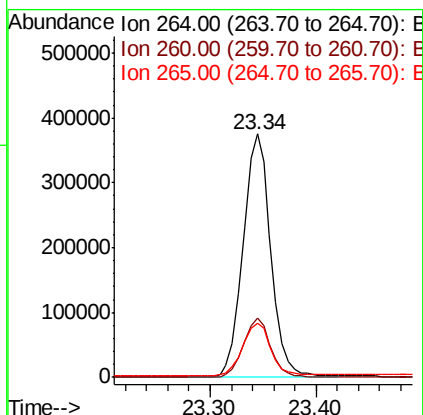
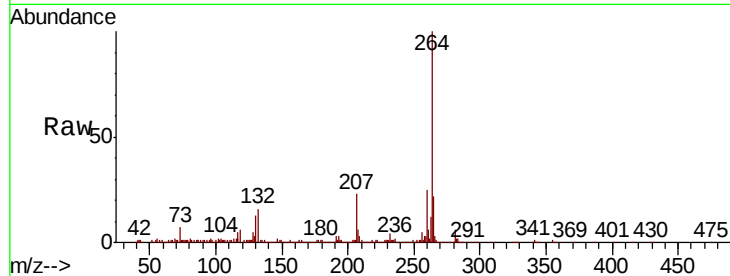


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.34 min Scan# 3461
Delta R.T. -0.01 min
Lab File: BM019971.D
Acq: 19 Apr 2019 01:48

Instrument :
BNA_M
ClientSampleId :
TP-20-S

Tot Ion:264 Resp: 682322

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.2	17.2	25.8



#88
Benzo(b)fluoranthene
Concen: 2.380 ng
RT: 22.70 min Scan# 3351
Delta R.T. 0.00 min
Lab File: BM019971.D
Acq: 19 Apr 2019 01:48

Tgt Ion:252 Resp: 107837

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	13.1	7.6	11.4

