

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 :

Quant Time: Apr 19 02:21:30 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

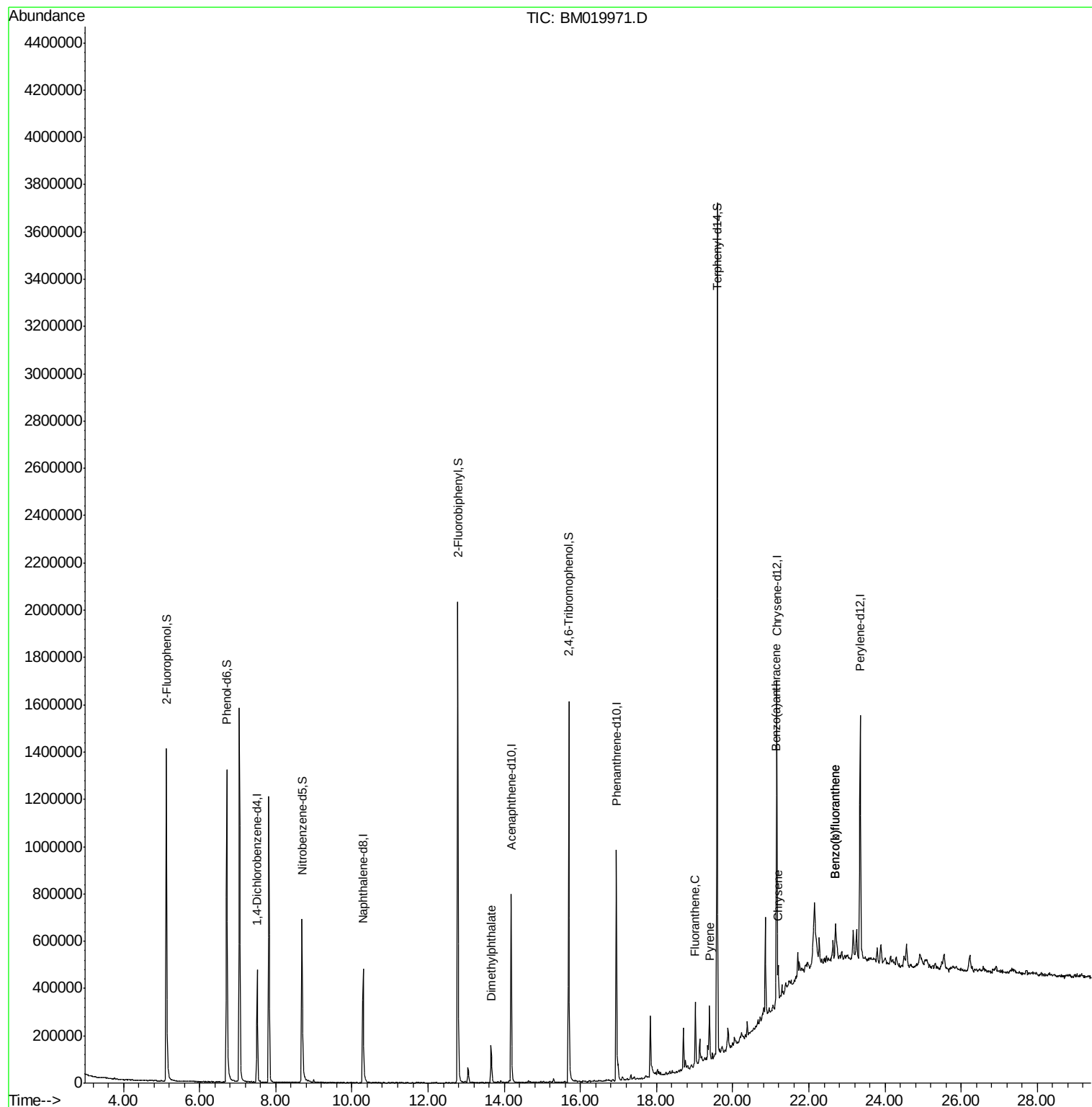
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	118690	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	448369	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	248912	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	545512	20.00	ng	0.00
76) Chrysene-d12	21.16	240	549191	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						
9) Benzaldehyde	6.71	77	2900	Below Cal	Qvalue # 7	
50) Dimethylphthalate	13.66	163	123804	5.639	ng	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
89) Benzo(k)fluoranthene	22.70	252	107837	2.528	ng	# 94

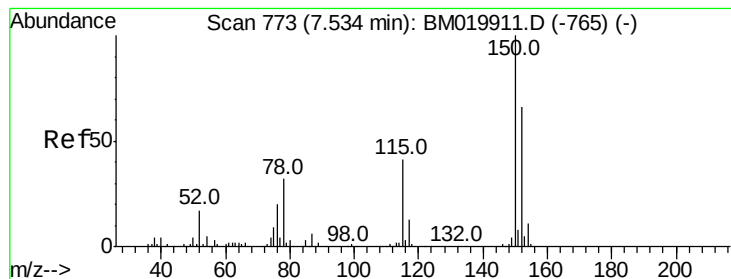
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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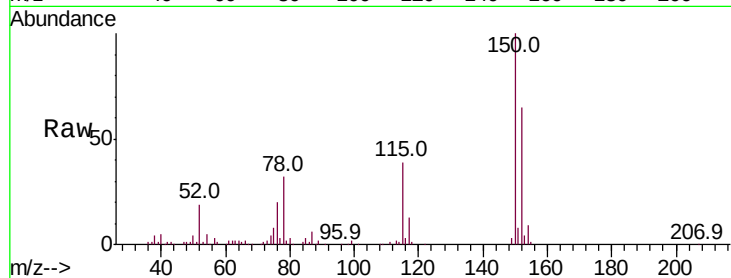


#1

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 :

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

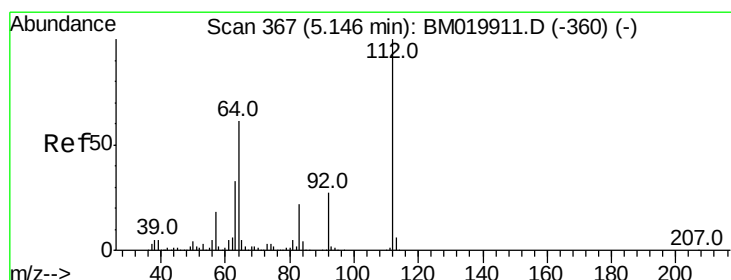
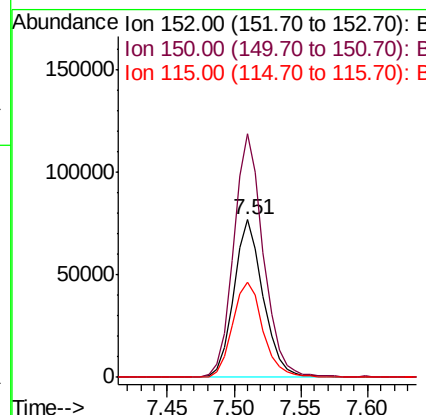
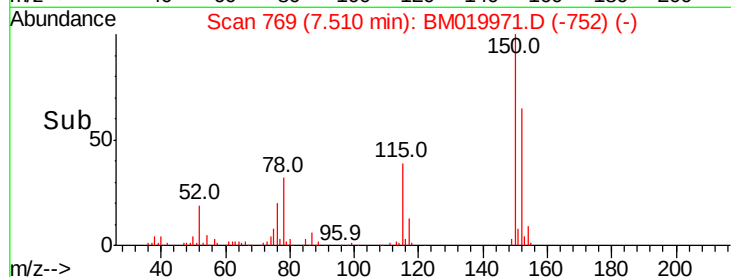


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

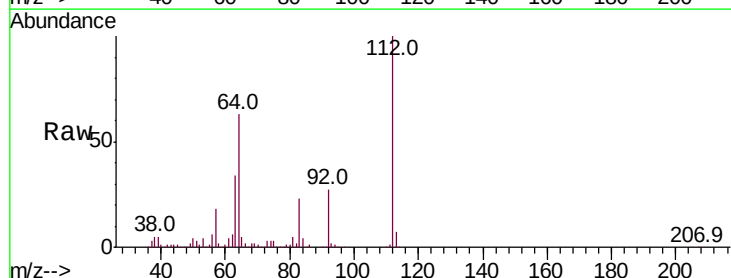
Ion 115.00 (114.70 to 115.70): E



#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	Ratio	Lower	Upper
112	100		
64	63.1	49.1	73.7
63	33.7	26.5	39.7

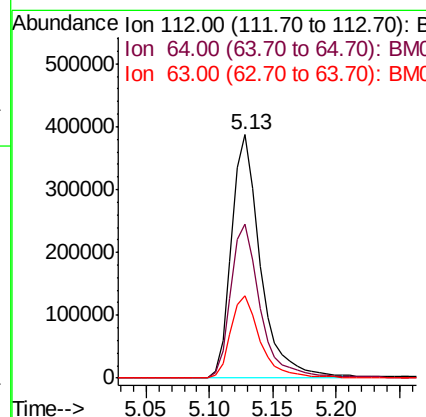
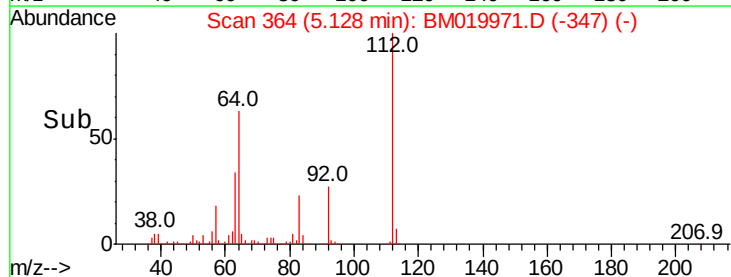


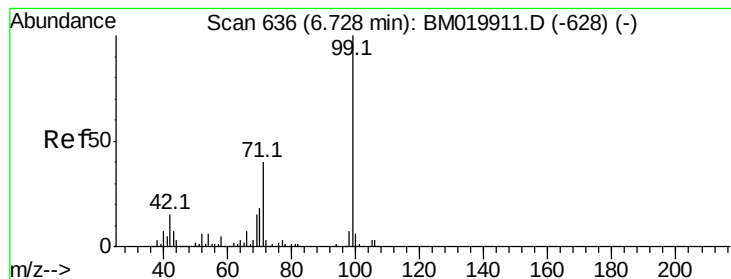
Abundance

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 :

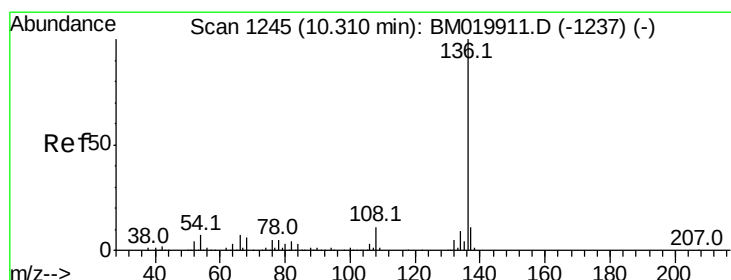
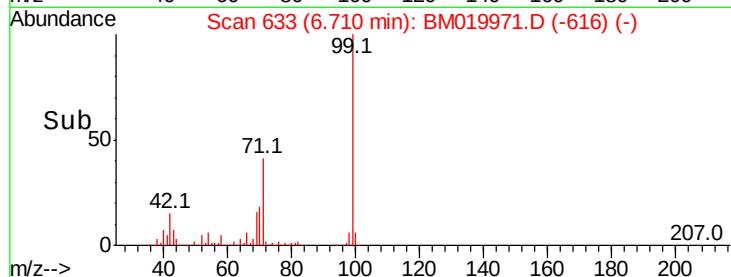
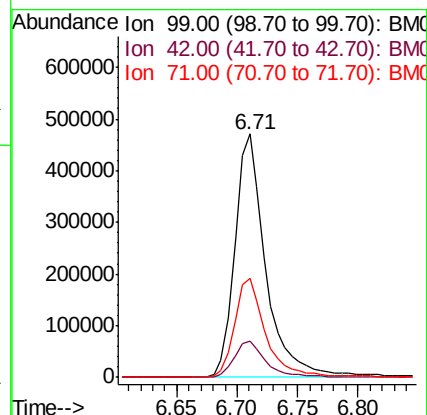
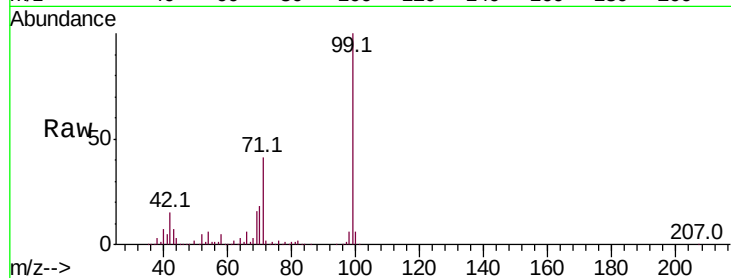
Tot Ion: 99 Resp: 832388

Ion Ratio Lower Upper

99 100

42 15.0 11.8 17.8

71 40.8 32.0 48.0



#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

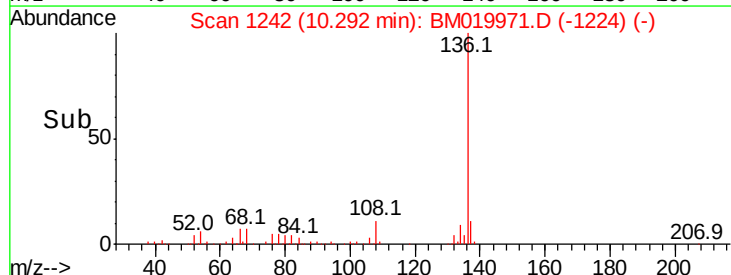
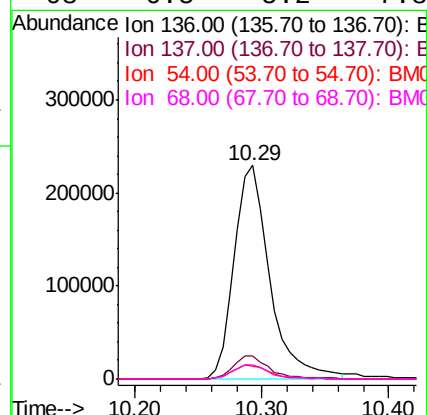
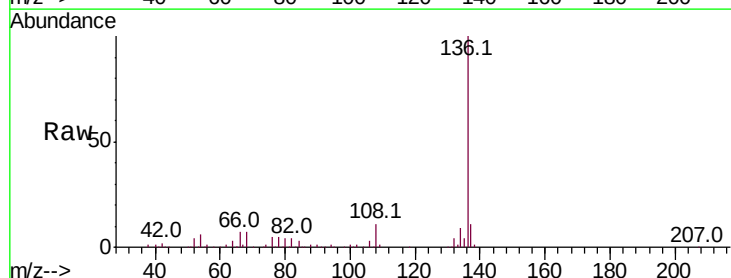
Ion Ratio Lower Upper

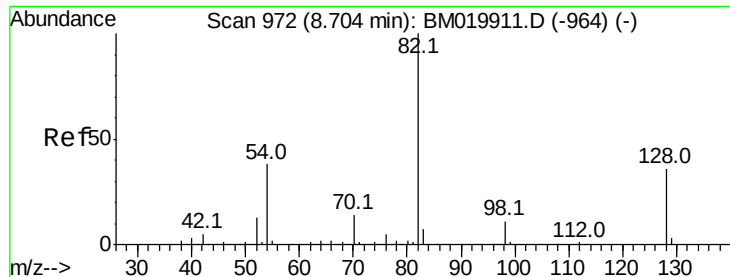
136 100

137 10.6 9.0 13.6

54 6.2 5.3 7.9

68 6.5 5.2 7.8

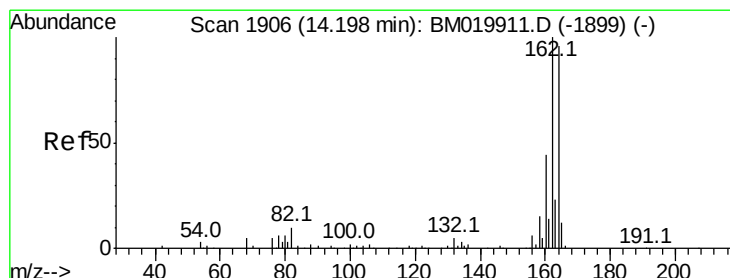
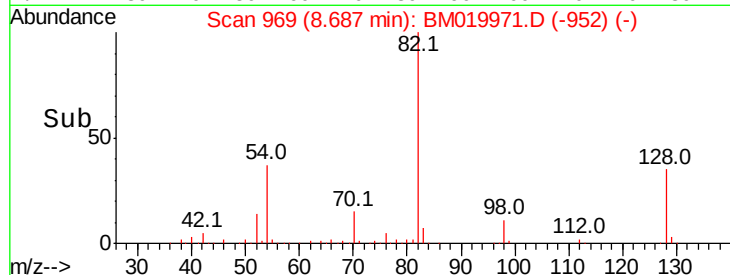
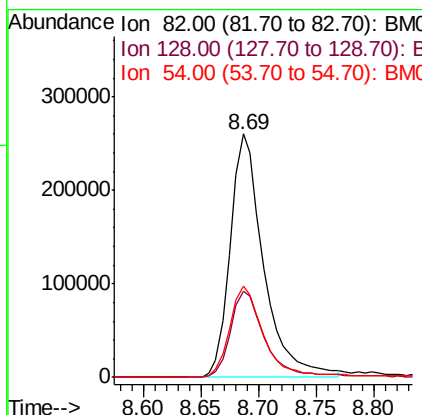
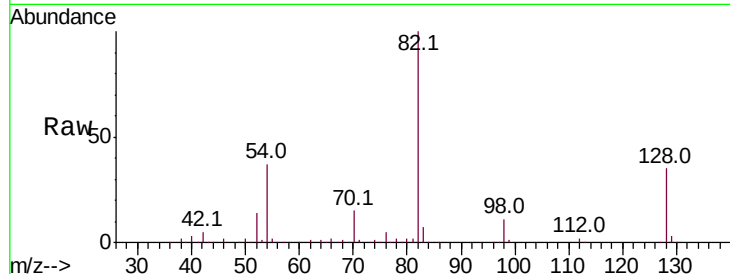




#23
 Nitrobenzene-d5
 Concen: 52.226 ng
 RT: 8.69 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BM019971.D
 Acq: 19 Apr 2019 01:48

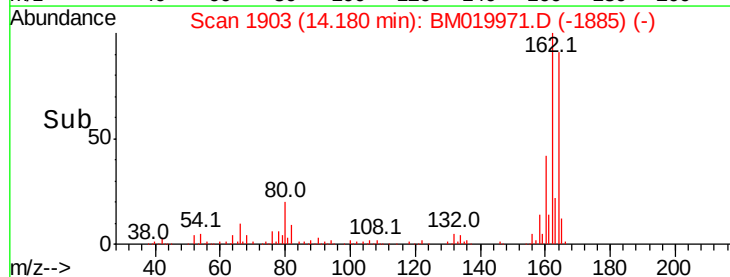
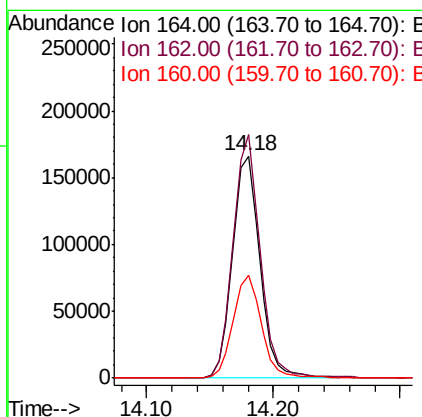
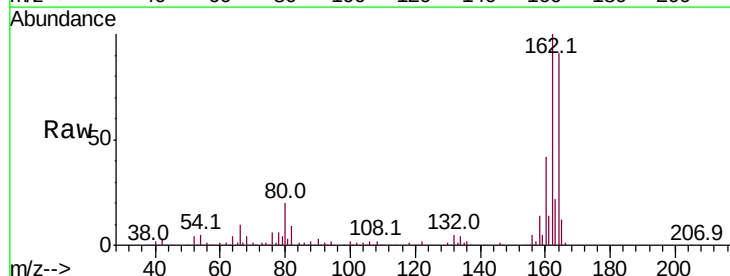
Instrument :
 BNA_M
 ClientSampleId :

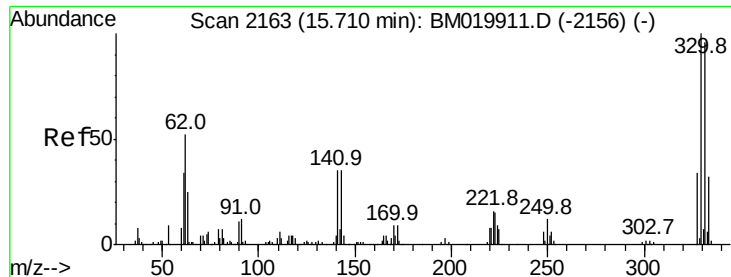
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.4	29.0	43.4
54	37.3	30.2	45.4



#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	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

ClientSampled :

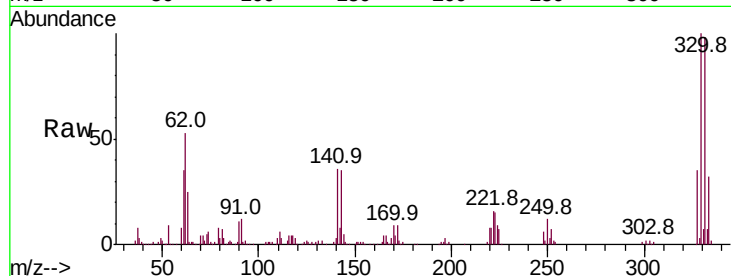
Tot Ion:330 Resp: 310895

Ion Ratio Lower Upper

330 100

332 98.0 77.4 116.2

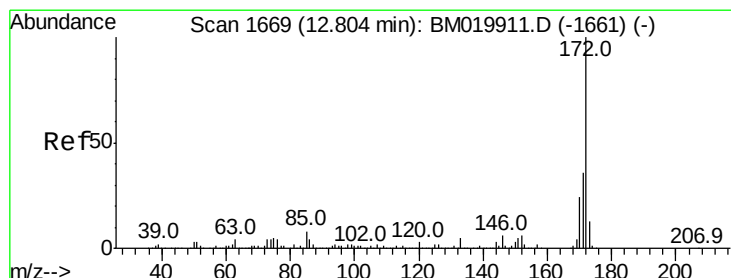
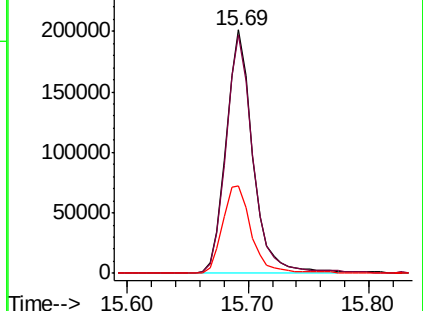
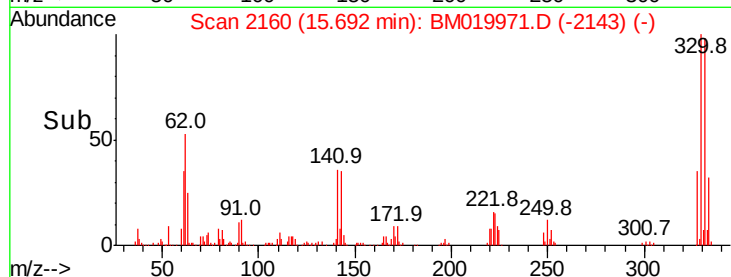
141 38.4 29.0 43.4



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

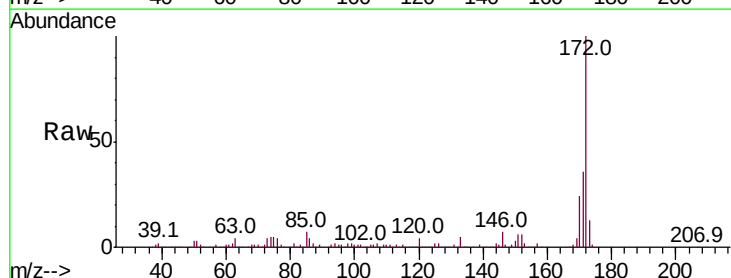
Tgt Ion:172 Resp: 1037300

Ion Ratio Lower Upper

172 100

171 36.2 28.9 43.3

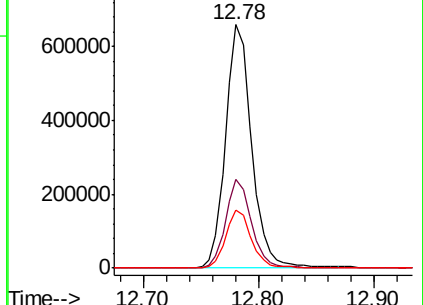
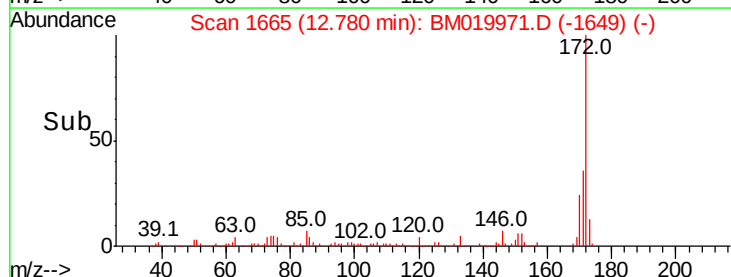
170 23.6 19.0 28.4

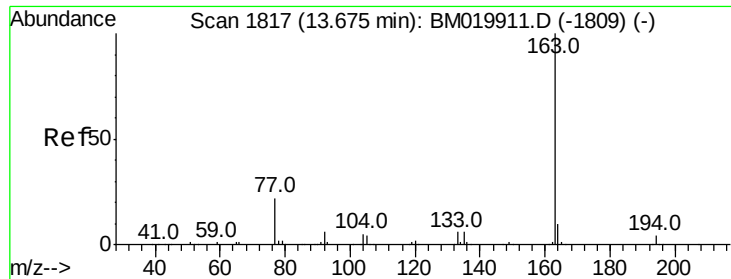


Abundance Ion 172.00 (171.70 to 172.70): E

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 :

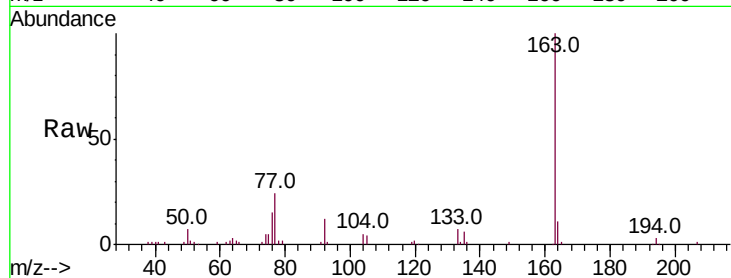
Tot Ion:163 Resp: 123804

Ion Ratio Lower Upper

163 100

194 3.1 3.1 4.7

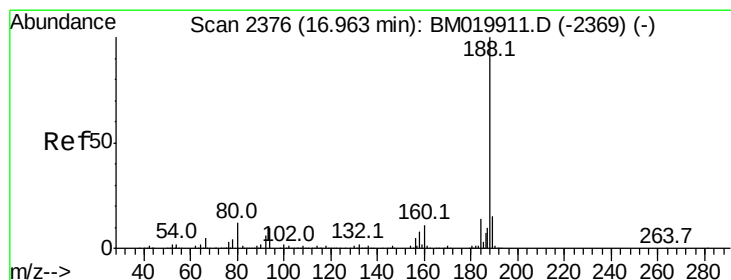
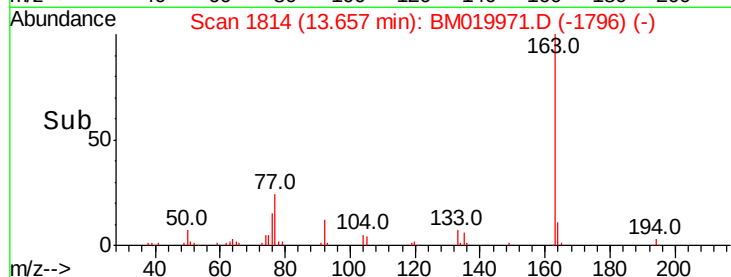
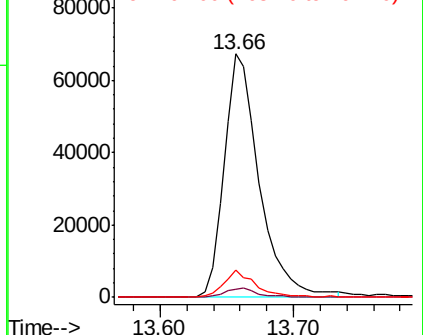
164 11.3 7.9 11.9



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

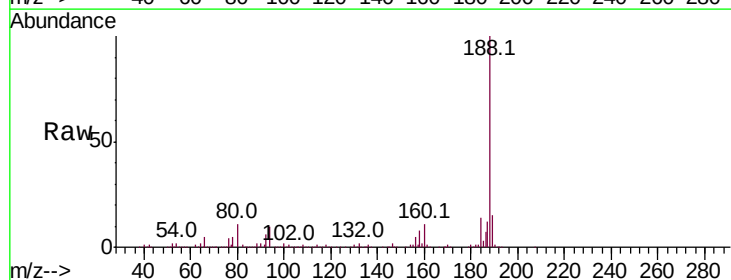
Tgt Ion:188 Resp: 545512

Ion Ratio Lower Upper

188 100

94 9.5 7.6 11.4

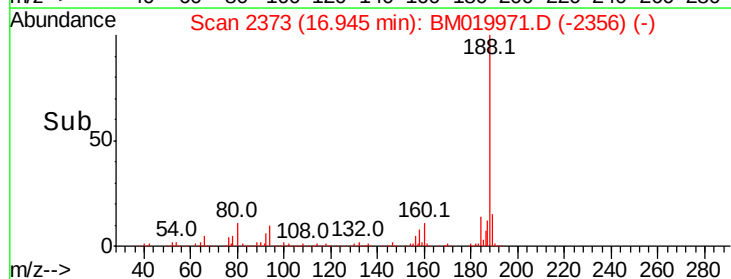
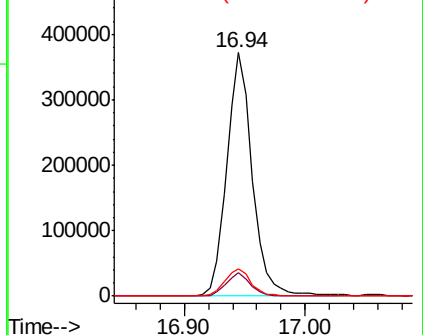
80 11.4 9.4 14.0

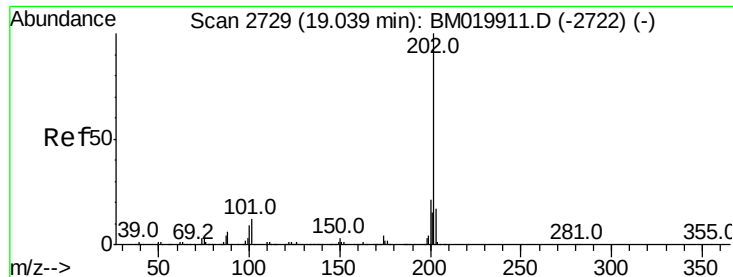


Abundance Ion 188.00 (187.70 to 188.70): E

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 :

BNA_M

ClientSampleId :

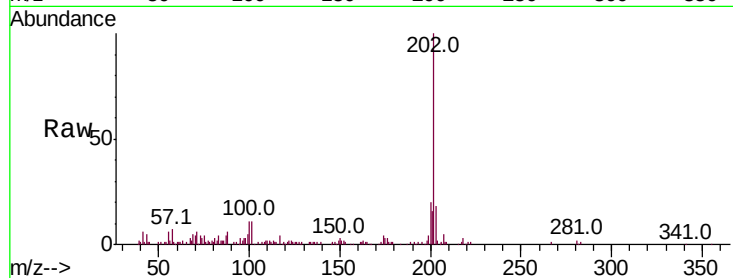
Tot Ion:202 Resp: 126749

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.7

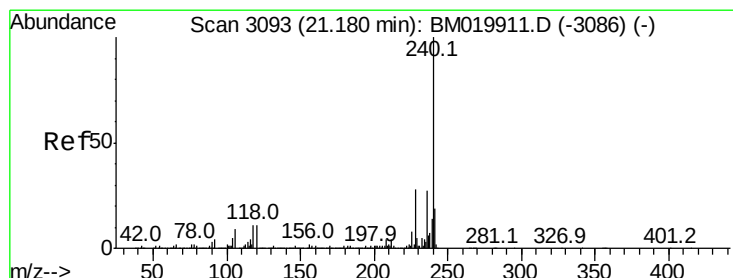
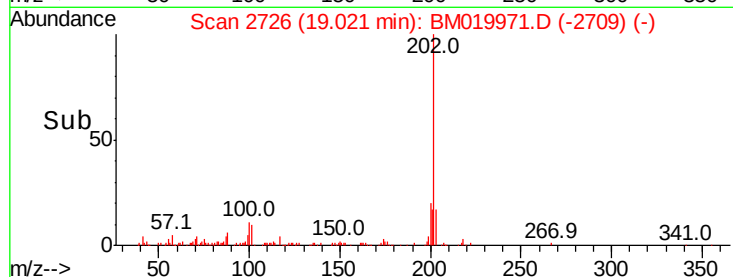
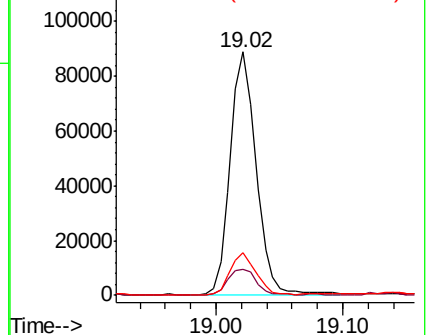
203 17.6 0.0 37.4



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

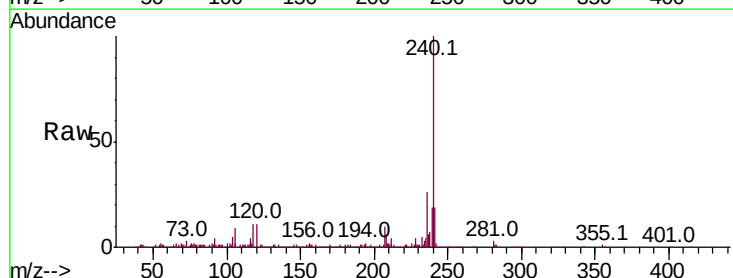
Tgt Ion:240 Resp: 549191

Ion Ratio Lower Upper

240 100

120 11.1 8.6 13.0

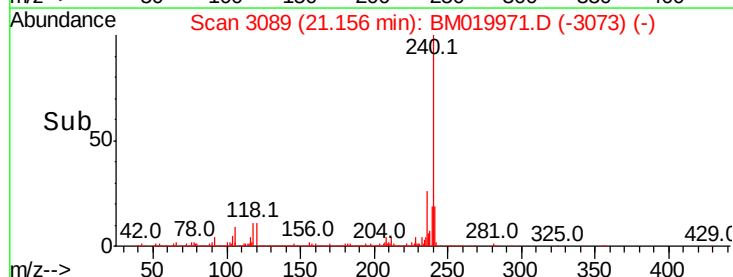
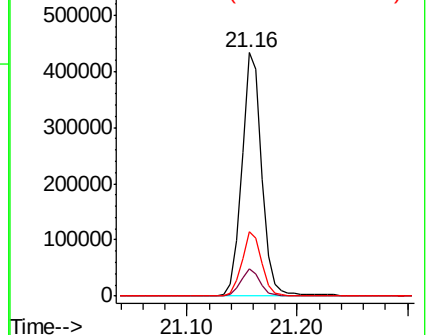
236 26.4 21.4 32.2

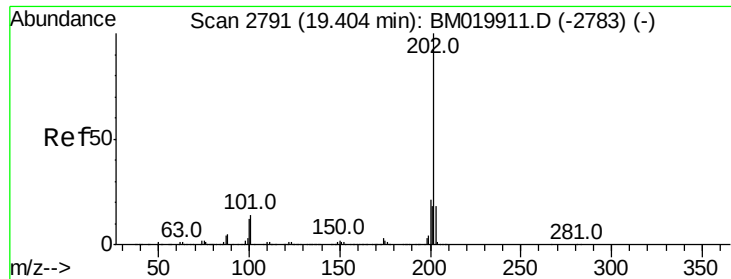


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

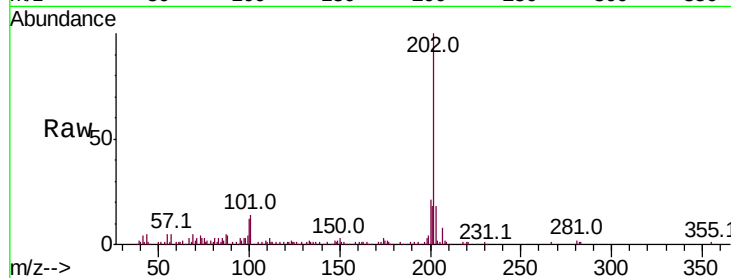




#78
Pvrene
Concen: 3.445 ng
RT: 19.39 min Scan# 2788
Delta R.T. 0.00 min
Lab File: BM019971.D
Acq: 19 Apr 2019 01:48

Instrument :
BNA_M
ClientSampleId :

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

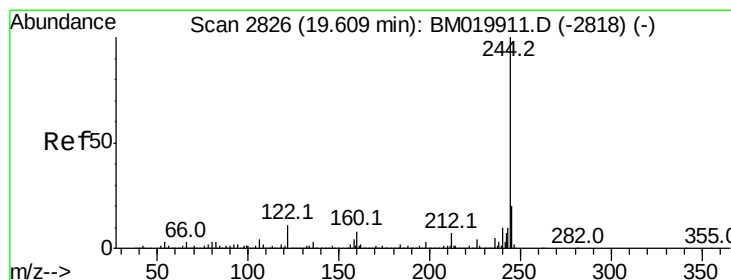
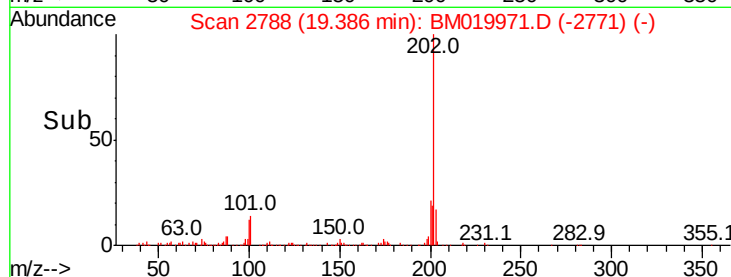
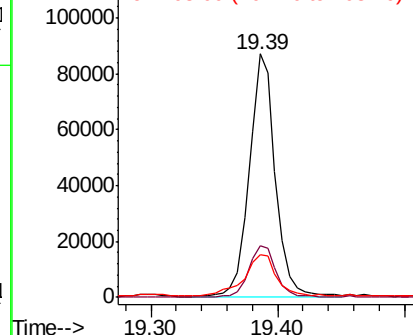


Abundance

Ion 202.00 (201.70 to 202.70): E

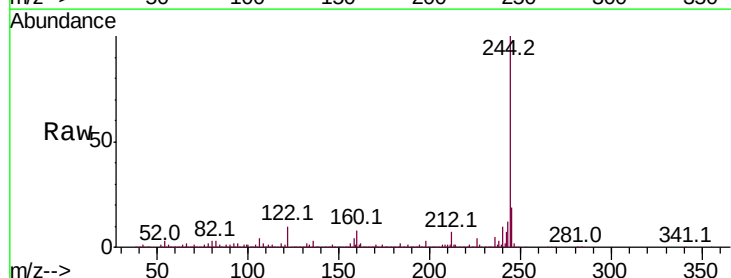
Ion 200.00 (199.70 to 200.70): E

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	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	9.8	9.1	13.7

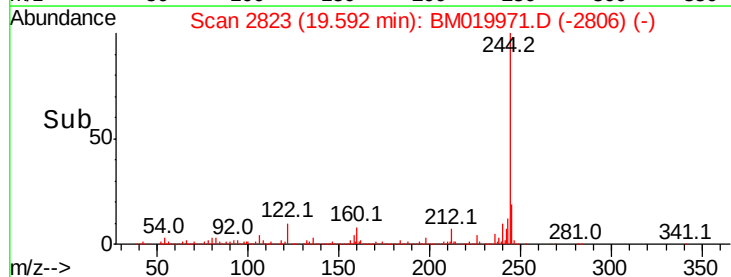
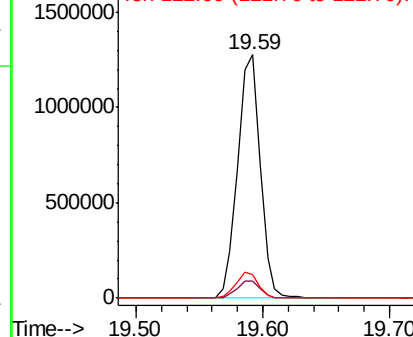


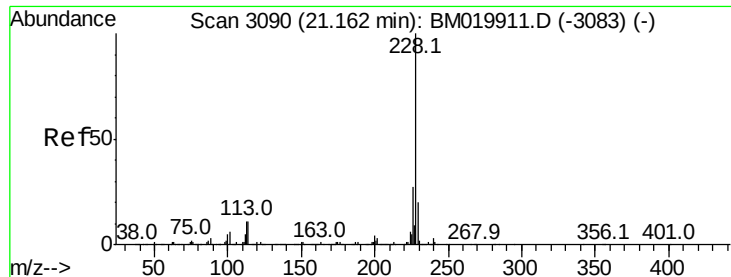
Abundance

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 :

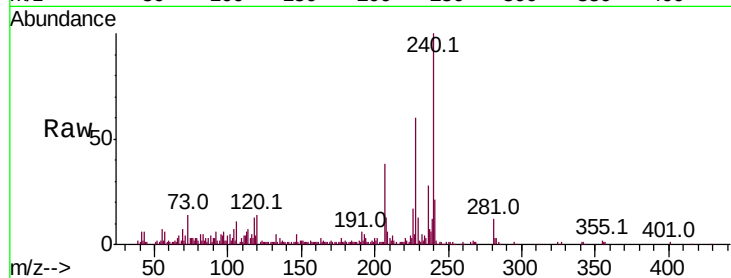
Tot Ion:228 Resp: 82697

Ion Ratio Lower Upper

228 100

226 28.6 21.8 32.6

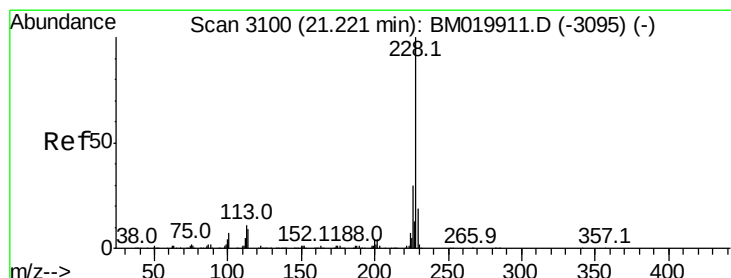
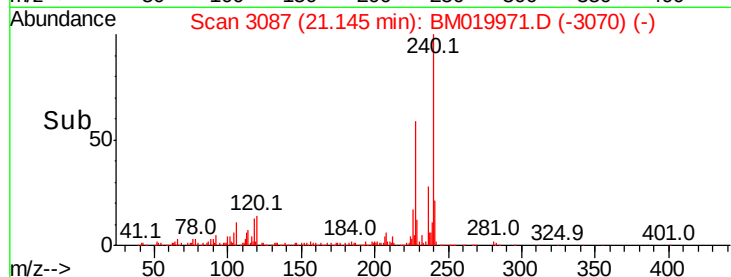
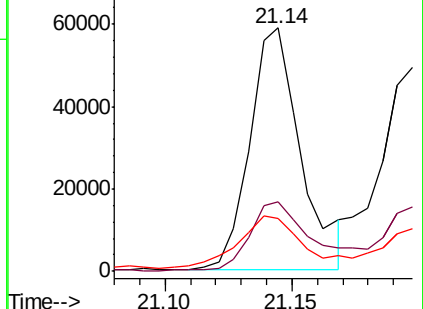
229 21.6 15.9 23.9



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

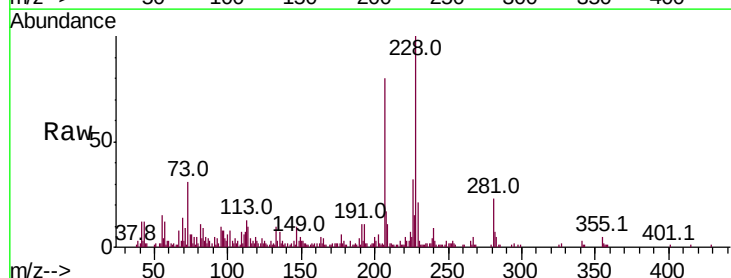
Tgt Ion:228 Resp: 73450

Ion Ratio Lower Upper

228 100

226 31.7 23.7 35.5

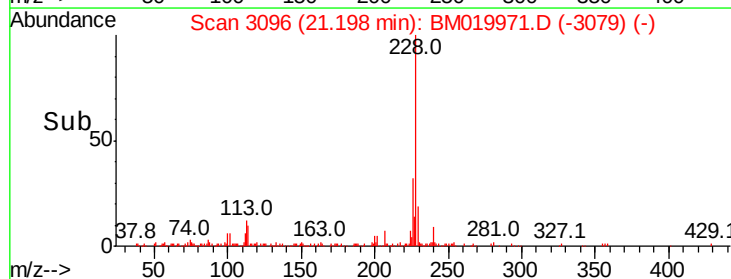
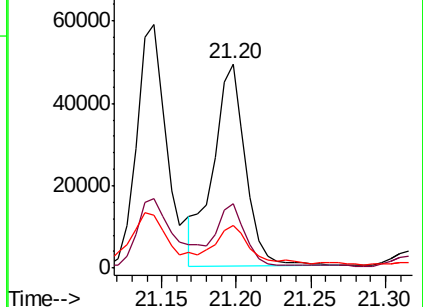
229 20.9 15.6 23.4

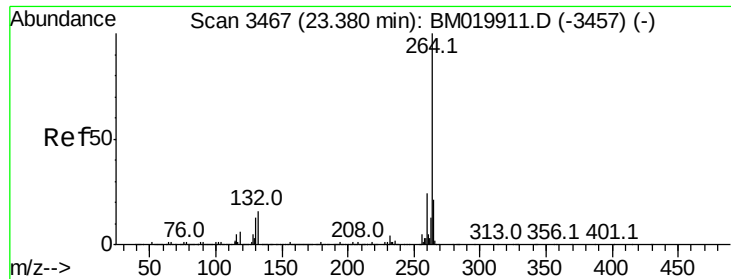


Abundance Ion 228.00 (227.70 to 228.70): E

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

ClientSampled :

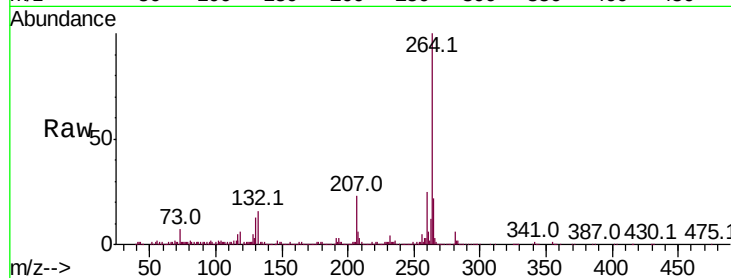
Tot Ion:264 Resp: 682322

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

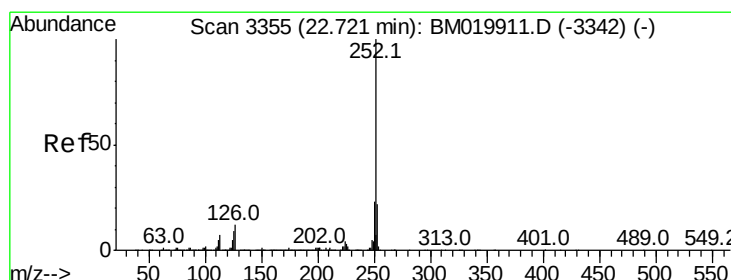
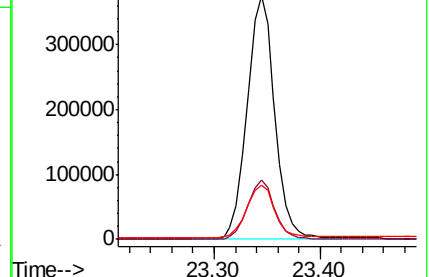
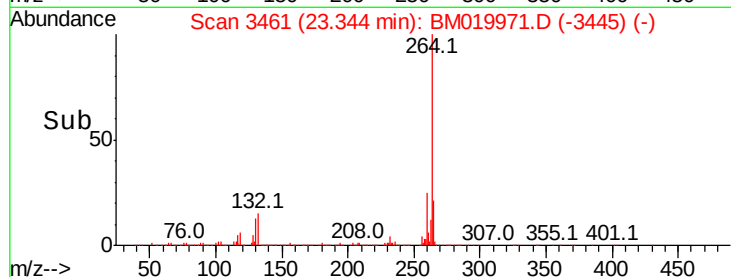
265 22.2 17.2 25.8



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



#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

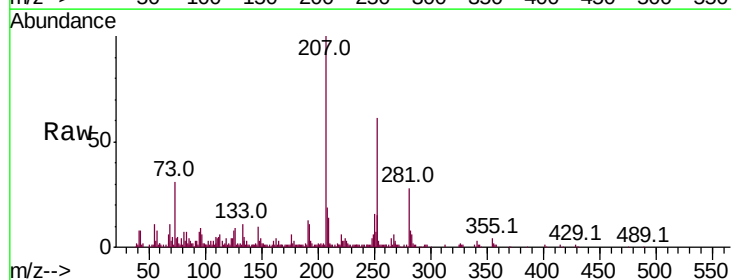
Tgt Ion:252 Resp: 107837

Ion Ratio Lower Upper

252 100

253 24.1 17.5 26.3

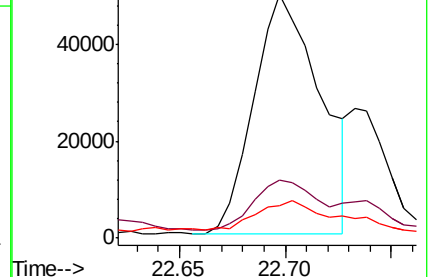
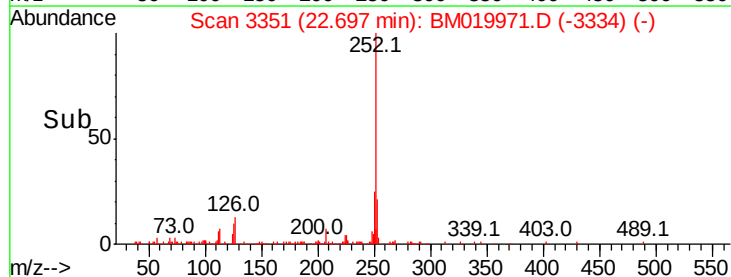
125 13.1 7.6 11.4#

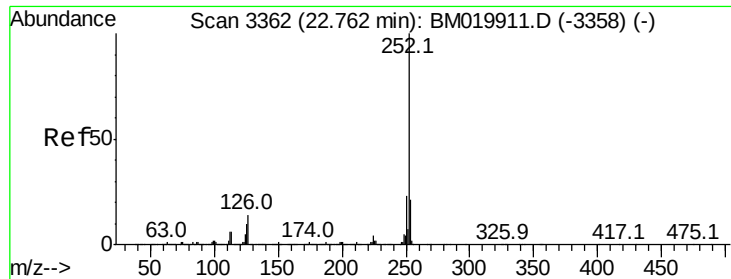


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 2.528 ng

RT: 22.70 min Scan# 3351

Delta R.T. -0.04 min

Lab File: BM019971.D

Acq: 19 Apr 2019 01:48

Instrument :

BNA_M

ClientSampleId :

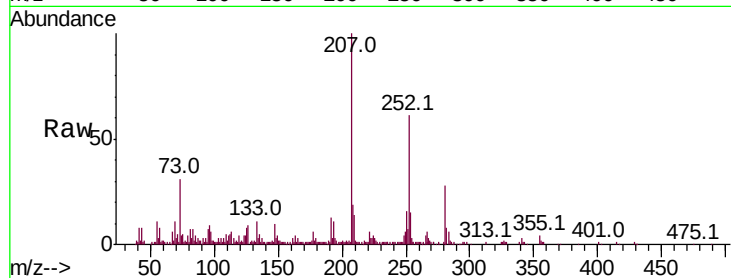
Tot Ion:252 Resp: 107837

Ion Ratio Lower Upper

252 100

253 24.1 17.3 25.9

125 13.1 8.2 12.4



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

