

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
 Data File : BF112989.D
 Acq On : 12 Mar 2019 7:34
 Operator : JU/SJ
 Sample : K1817-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXT-027-SW015-030719

Quant Time: Mar 12 09:37:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

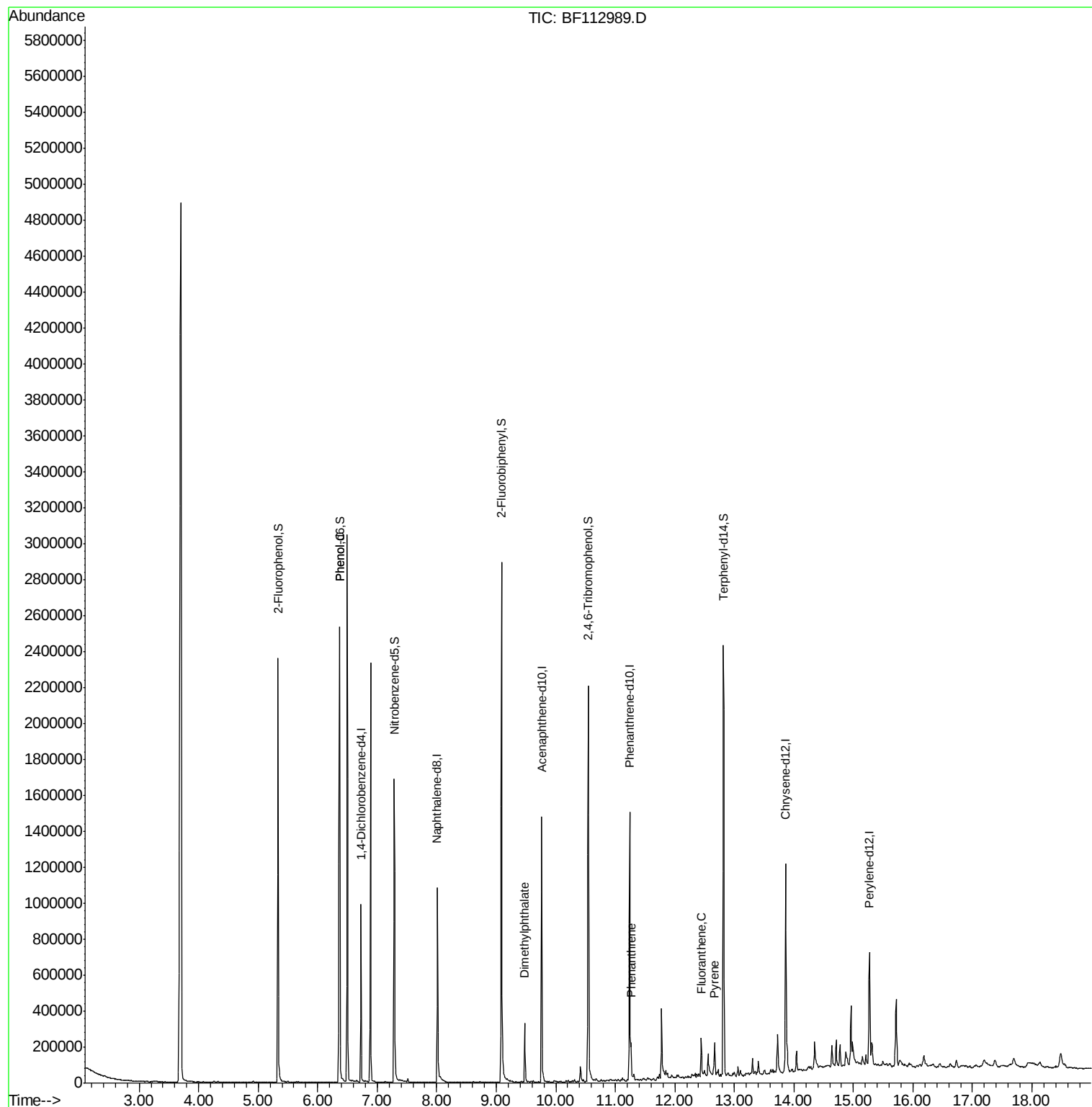
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	139172	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	587838	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	298219	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	572651	20.00	ng	0.00
76) Chrysene-d12	13.86	240	405271	20.00	ng	-0.01
87) Perylene-d12	15.27	264	311376	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	708218	79.16	ng	-0.01
7) Phenol-d6	6.37	99	949494	84.48	ng	0.00
23) Nitrobenzene-d5	7.29	82	557605	56.76	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	311019	98.24	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	992462	49.32	ng	-0.01
79) Terphenyl-d14	12.82	244	891160	42.63	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	43713	3.333	ng	93
50) Dimethylphthalate	9.48	163	149279	6.789	ng	99
71) Phenanthrene	11.26	178	62241	2.185	ng	96
75) Fluoranthene	12.44	202	84856	2.780	ng	98
78) Pyrene	12.67	202	75851	2.220	ng	98

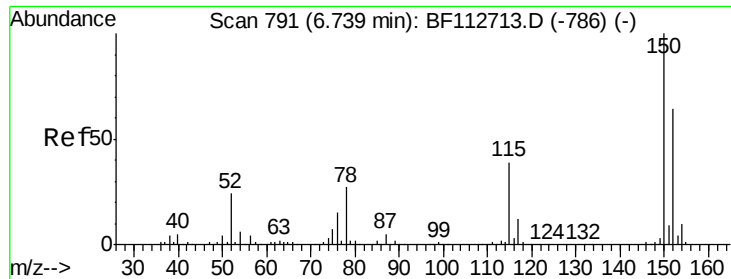
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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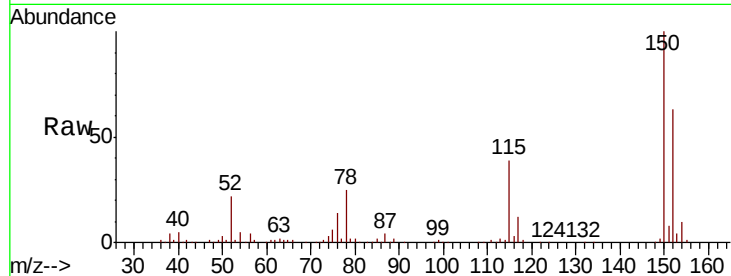


#1

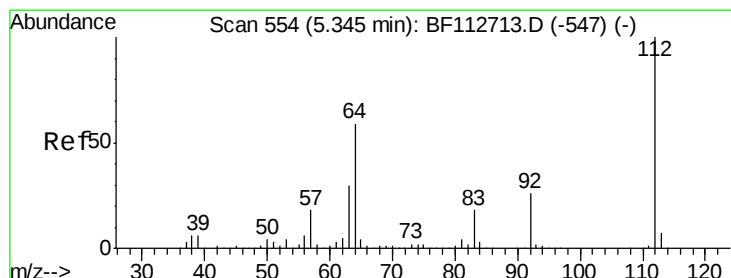
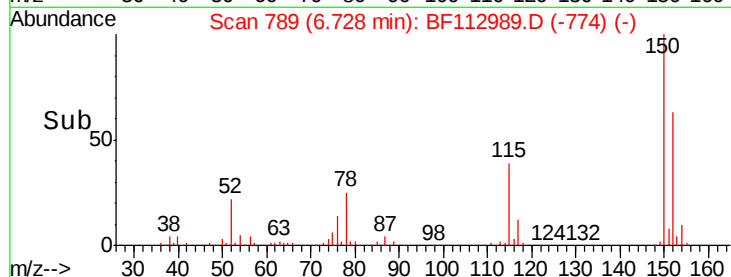
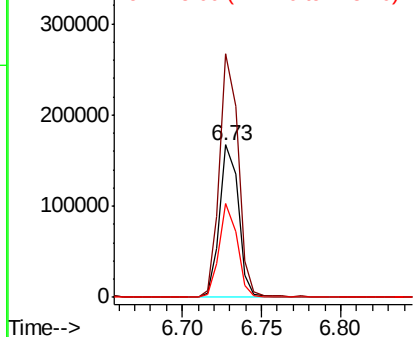
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112989.D
Acq: 12 Mar 2019 7:34

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW015-030719

Tot Ion:152 Resp: 139172
Ion Ratio Lower Upper
152 100
150 160.0 124.2 186.2
115 61.8 48.2 72.4



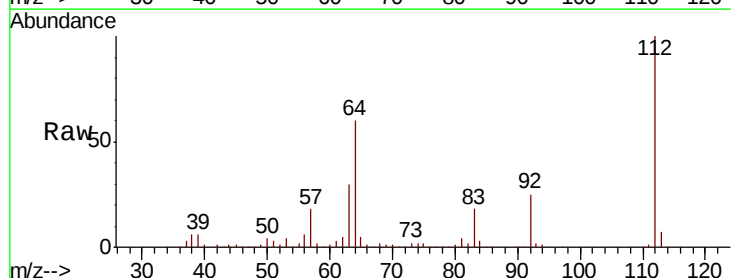
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



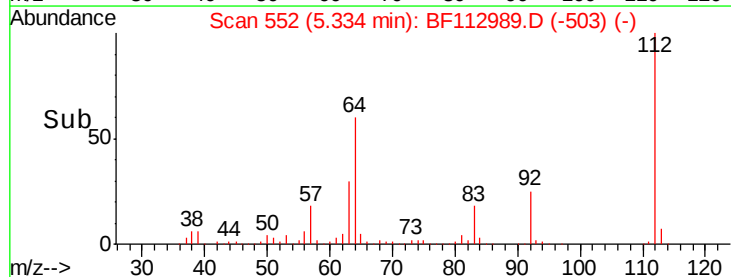
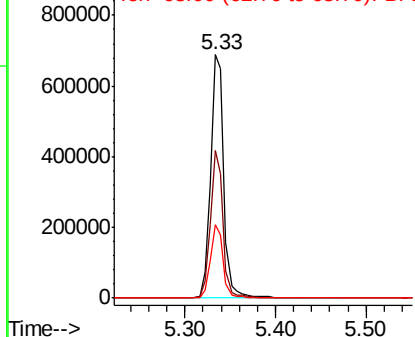
#5

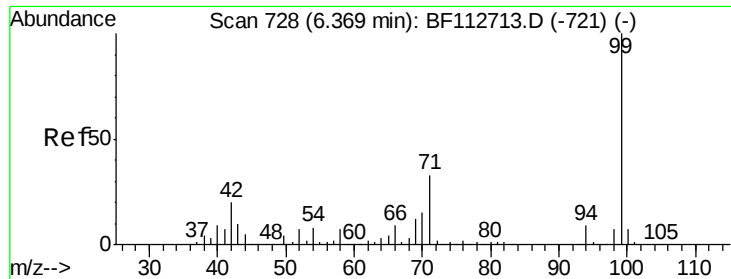
2-Fluorophenol
Concen: 79.158 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF112989.D
Acq: 12 Mar 2019 7:34

Tgt Ion:112 Resp: 708218
Ion Ratio Lower Upper
112 100
64 60.4 47.6 71.4
63 30.3 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 84.484 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF112989.D

Acq: 12 Mar 2019 7:34

Instrument :

BNA_F

ClientSampleId :

EXT-027-SW015-030719

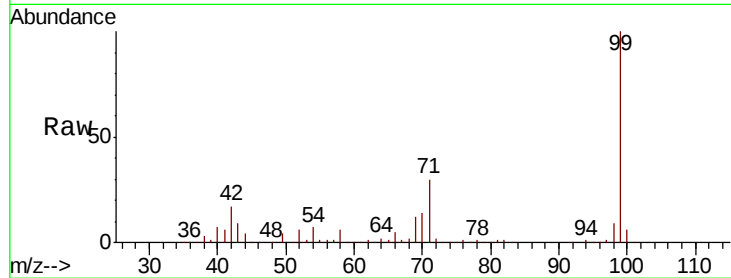
Tot Ion: 99 Resp: 949494

Ion Ratio Lower Upper

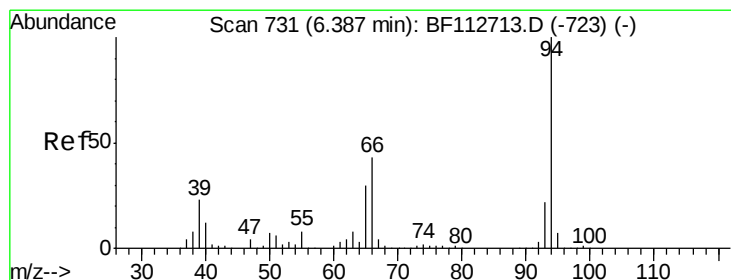
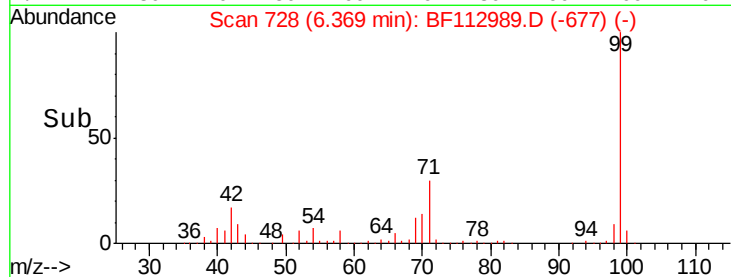
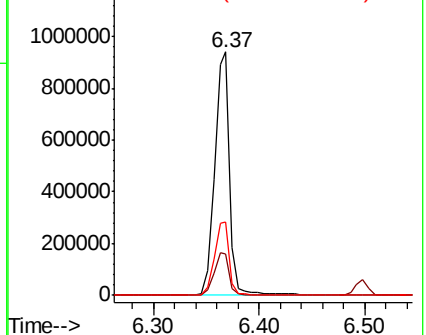
99 100

42 17.0 16.3 24.5

71 30.3 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.333 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF112989.D

Acq: 12 Mar 2019 7:34

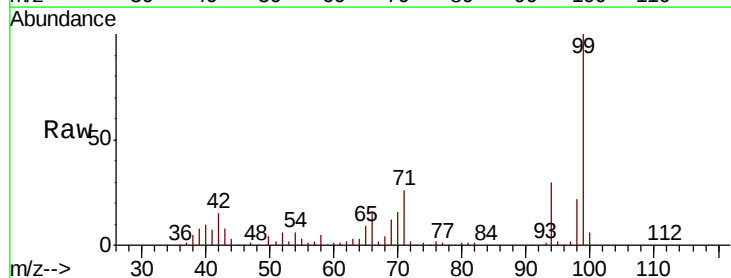
Tgt Ion: 94 Resp: 43713

Ion Ratio Lower Upper

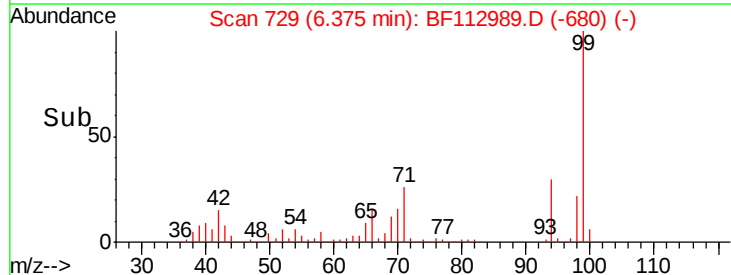
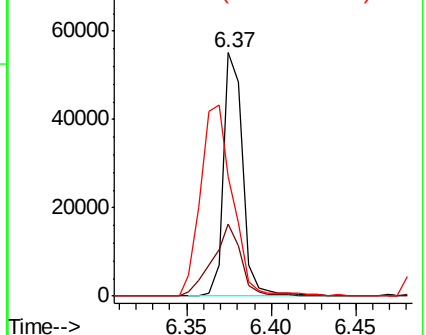
94 100

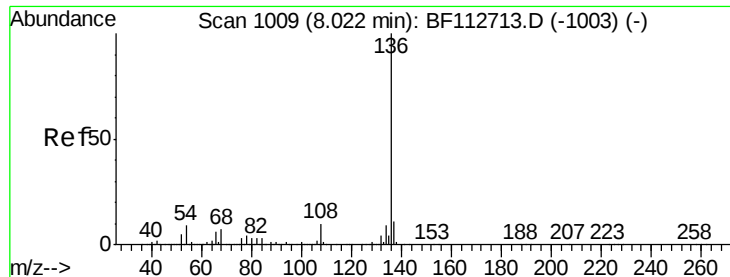
65 29.9 10.5 50.5

66 49.3 22.6 62.6



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

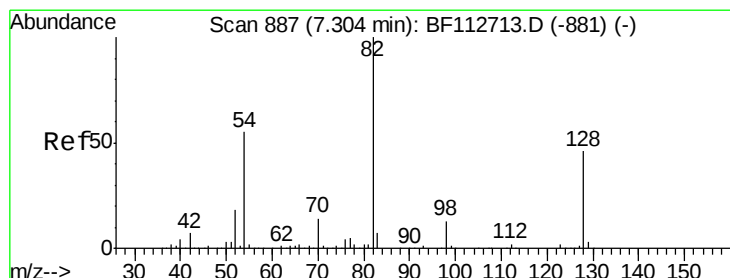
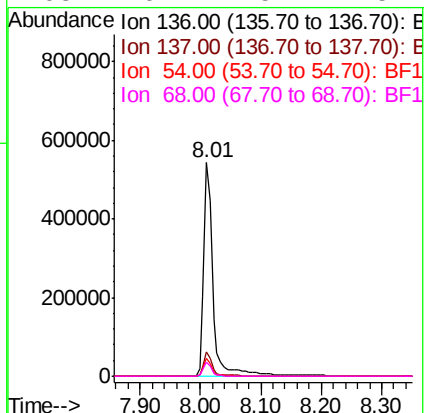
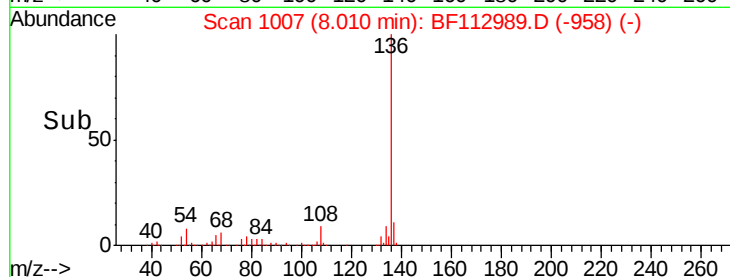
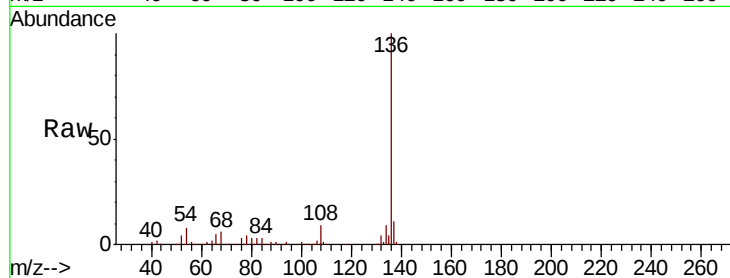




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112989.D
Acq: 12 Mar 2019 7:34

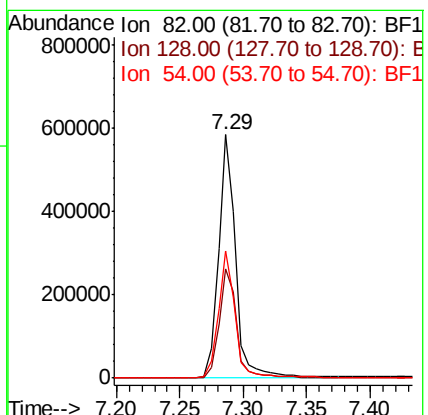
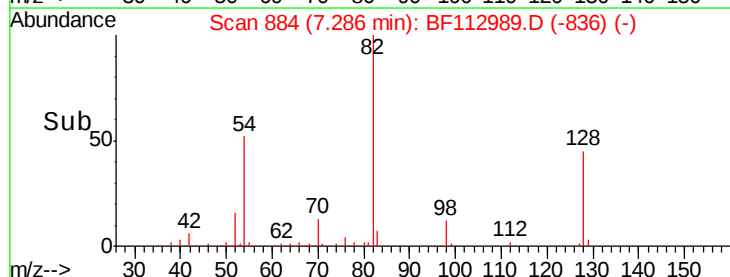
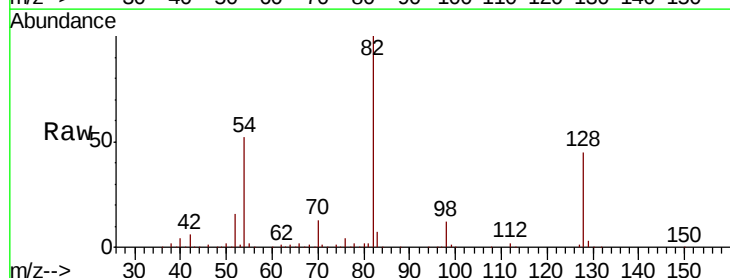
Instrument :
BNA_F
ClientSampleId :
EXT-027-SW015-030719

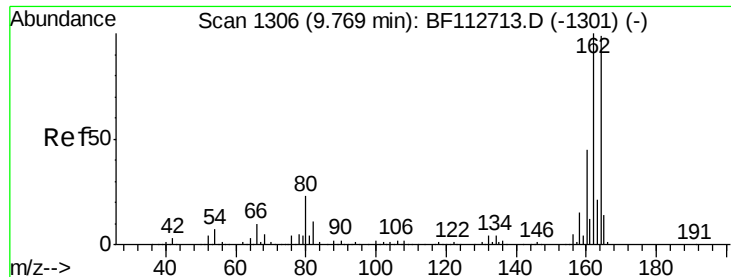
Tot Ion:136	Resp:	587838
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	8.5	7.3 10.9
68	6.4	5.4 8.2



#23
Nitrobenzene-d5
Concen: 56.760 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112989.D
Acq: 12 Mar 2019 7:34

Tgt Ion: 82	Resp:	557605
Ion Ratio	Lower	Upper
82	100	
128	45.1	36.3 54.5
54	52.2	43.7 65.5

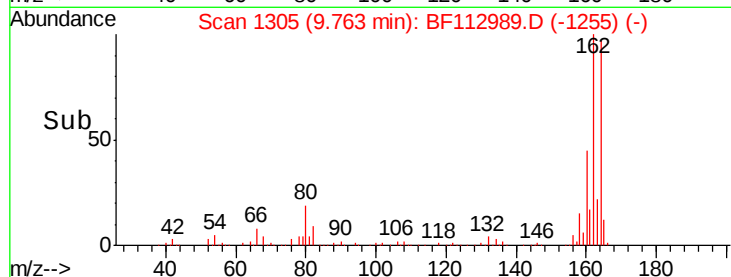
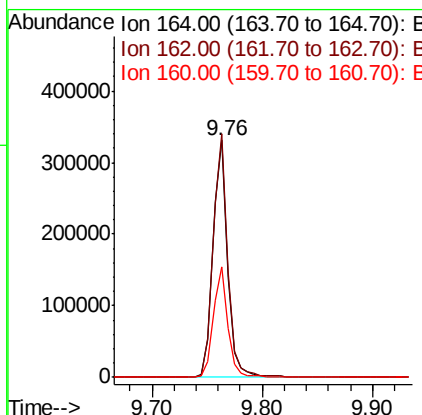
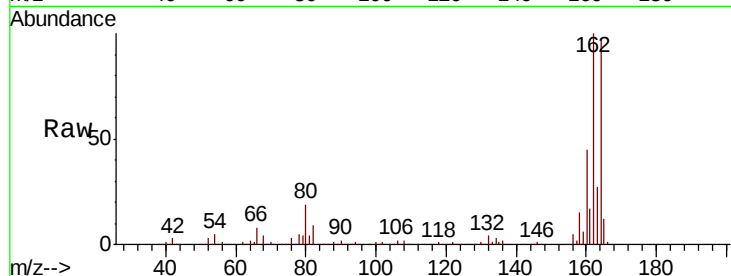




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112989.D
Acq: 12 Mar 2019 7:34

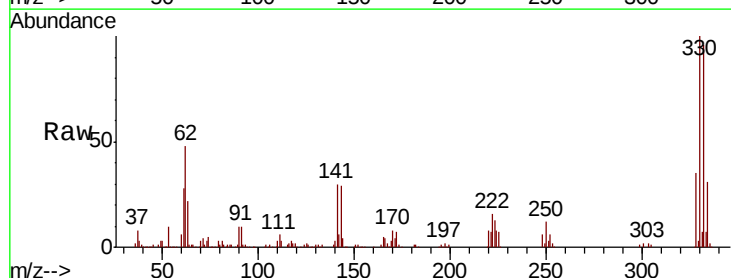
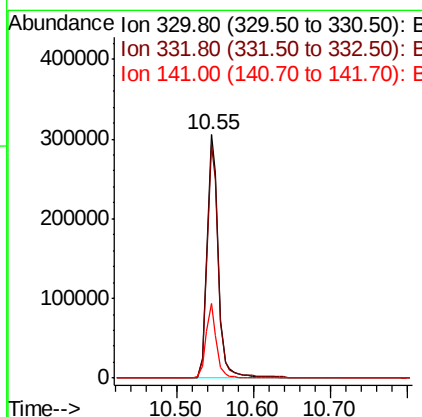
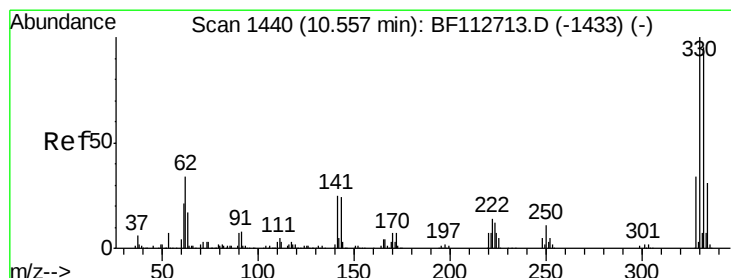
Instrument :
BNA_F
ClientSampleId :
EXT-027-SW015-030719

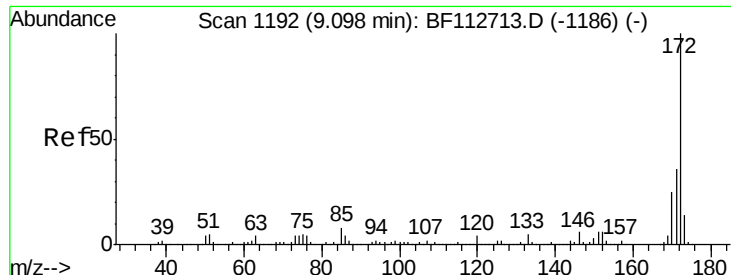
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.6	120.8
160	46.8	36.0	54.0



#42
2,4,6-Tribromophenol
Concen: 98.238 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112989.D
Acq: 12 Mar 2019 7:34

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.2	114.4
141	28.5	27.0	40.6

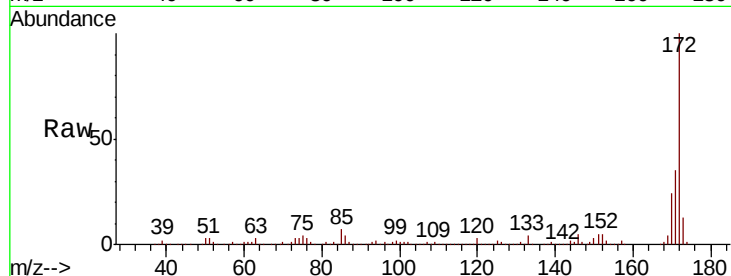




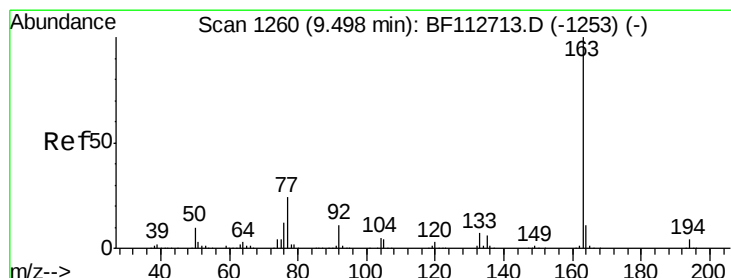
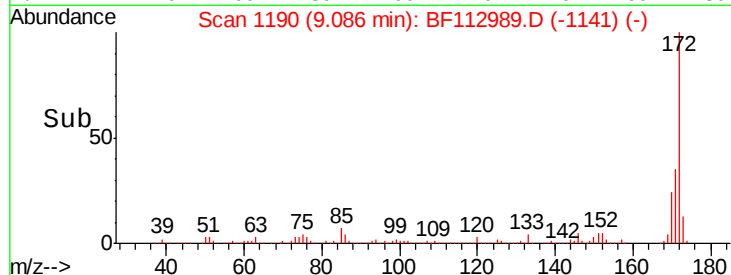
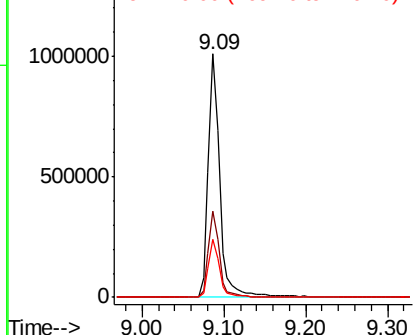
#45
 2-Fluorobiphenyl
 Concen: 49.318 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112989.D
 Acq: 12 Mar 2019 7:34

Instrument :
 BNA_F
 ClientSampleId :
 EXT-027-SW015-030719

Tot Ion:172 Resp: 992462
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.0 43.4
 170 23.7 20.0 30.0

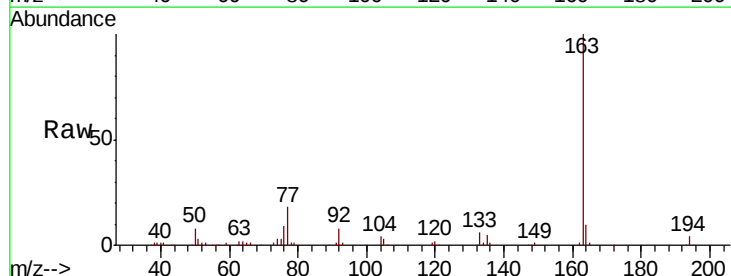


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

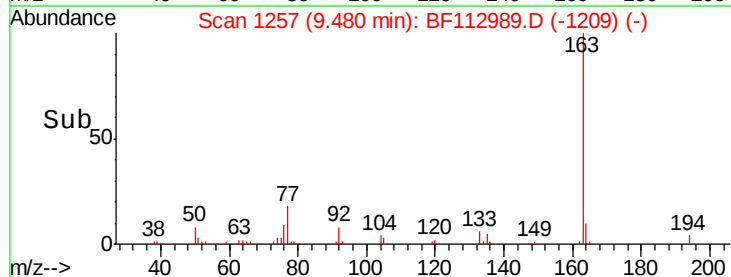
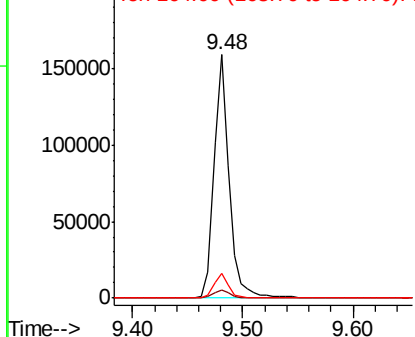


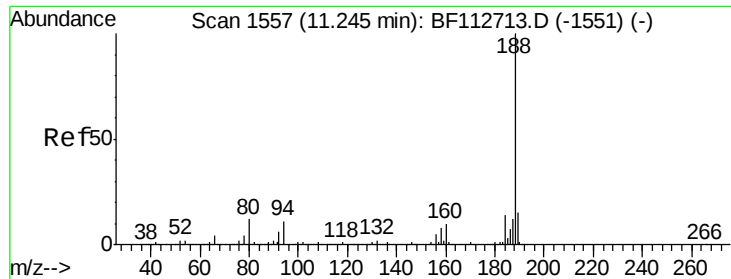
#50
 Dimethylphthalate
 Concen: 6.789 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.02 min
 Lab File: BF112989.D
 Acq: 12 Mar 2019 7:34

Tgt Ion:163 Resp: 149279
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.0 4.4
 164 10.1 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: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF112989.D

Acq: 12 Mar 2019 7:34

Instrument :

BNA_F

ClientSampleId :

EXT-027-SW015-030719

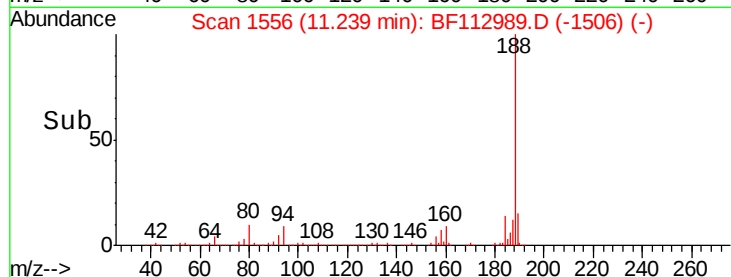
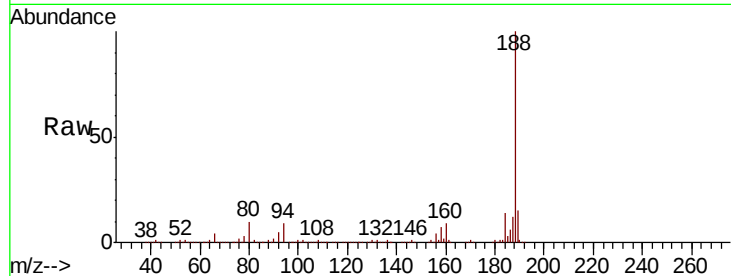
Tot Ion:188 Resp: 572651

Ion Ratio Lower Upper

188 100

94 9.4 9.0 13.4

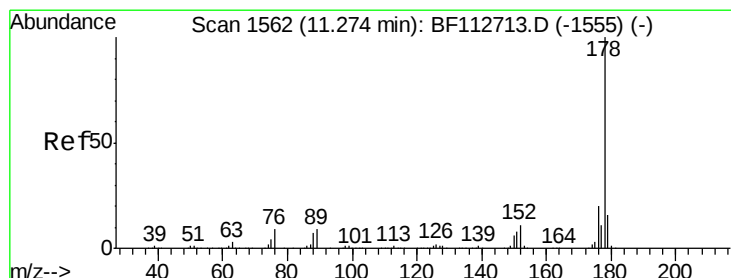
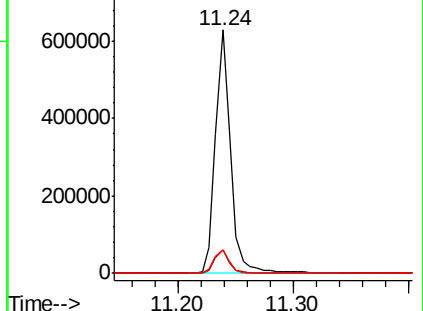
80 9.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#71

Phenanthrene

Concen: 2.185 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF112989.D

Acq: 12 Mar 2019 7:34

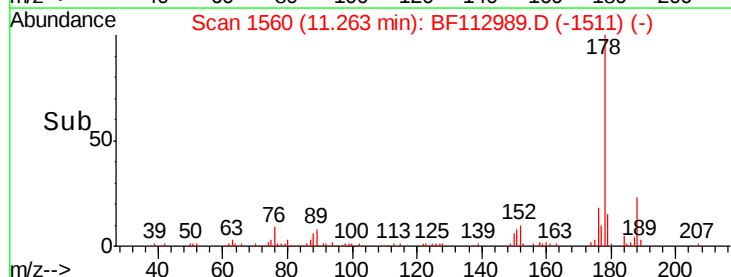
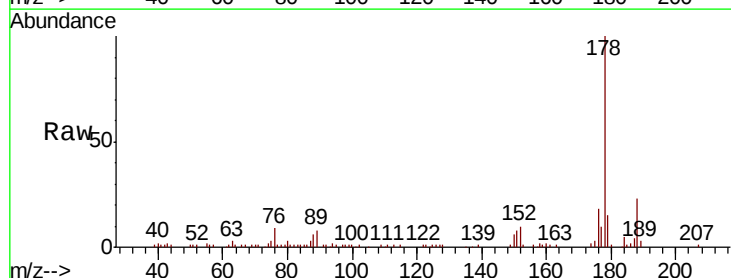
Tgt Ion:178 Resp: 62241

Ion Ratio Lower Upper

178 100

176 18.0 16.3 24.5

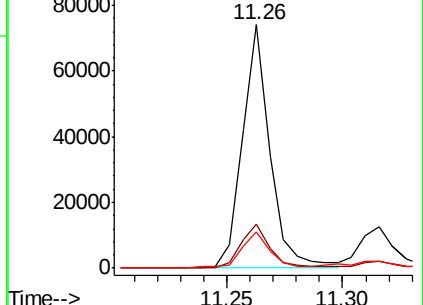
179 15.1 12.7 19.1

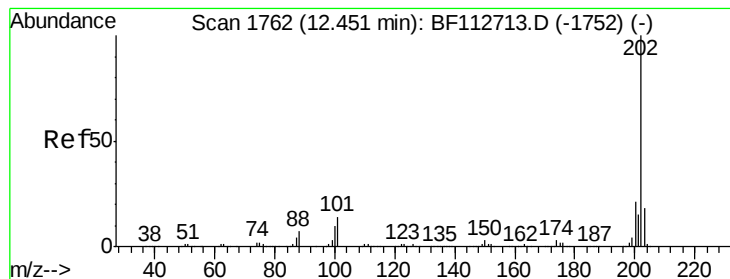


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 2.780 ng

RT: 12.44 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF112989.D

Acq: 12 Mar 2019 7:34

Instrument :

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EXT-027-SW015-030719

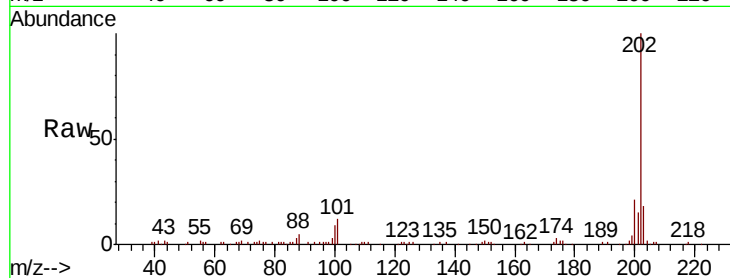
Tot Ion:202 Resp: 84856

Ion Ratio Lower Upper

202 100

101 12.1 0.0 33.8

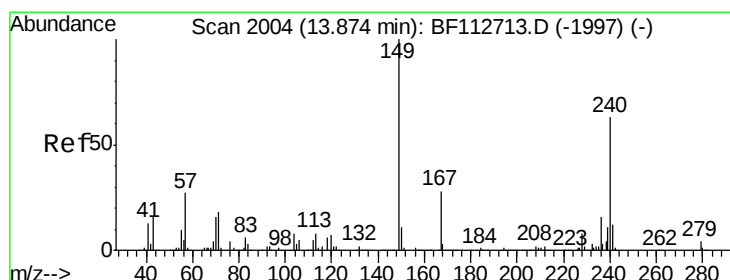
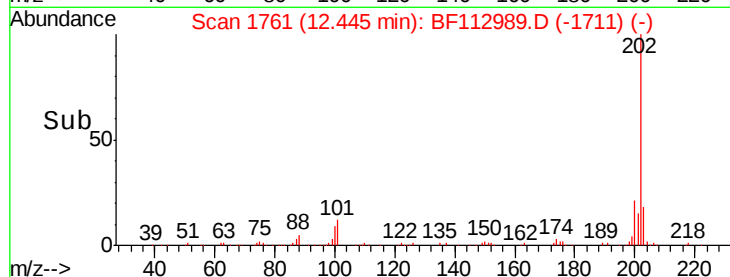
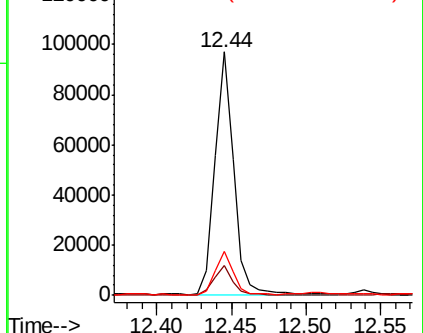
203 17.9 0.0 38.4



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: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF112989.D

Acq: 12 Mar 2019 7:34

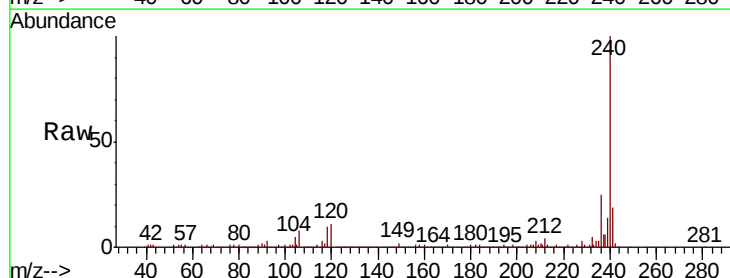
Tgt Ion:240 Resp: 405271

Ion Ratio Lower Upper

240 100

120 11.5 8.9 13.3

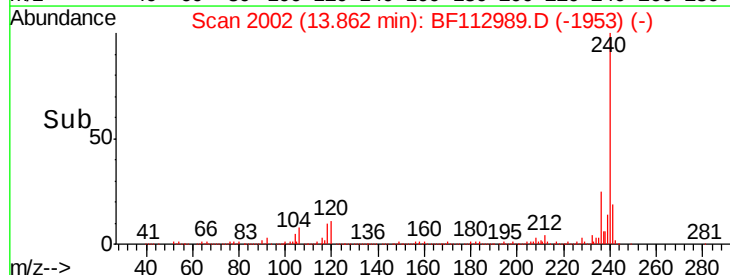
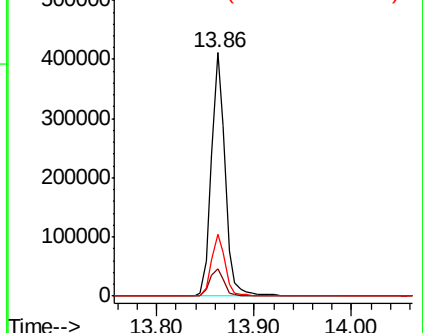
236 25.3 20.7 31.1

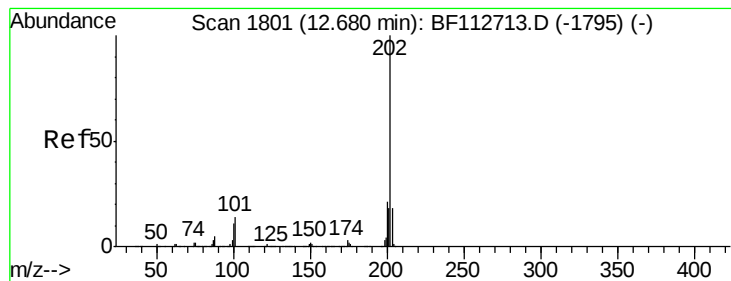


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.220 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF112989.D

Acq: 12 Mar 2019 7:34

Instrument :

BNA_F

ClientSampleId :

EXT-027-SW015-030719

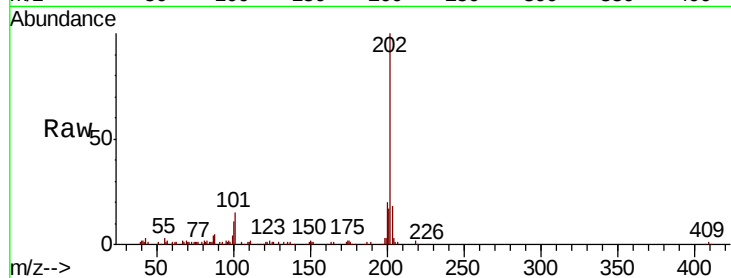
Tot Ion:202 Resp: 75851

Ion Ratio Lower Upper

202 100

200 19.5 17.0 25.4

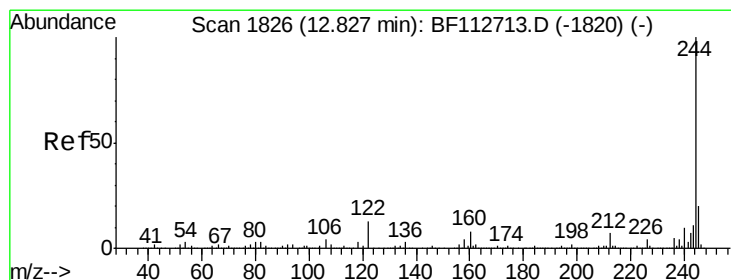
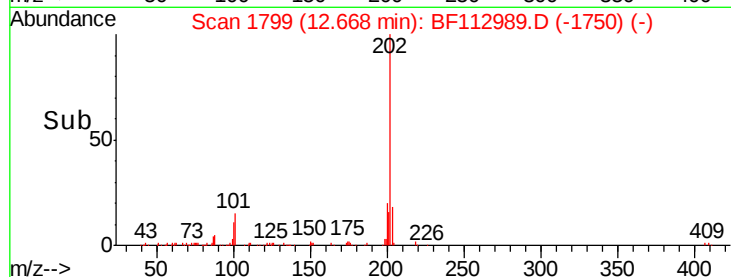
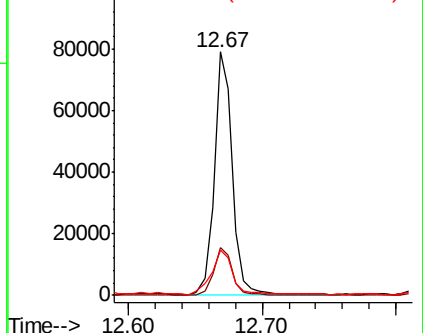
203 18.4 14.4 21.6



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: 42.626 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF112989.D

Acq: 12 Mar 2019 7:34

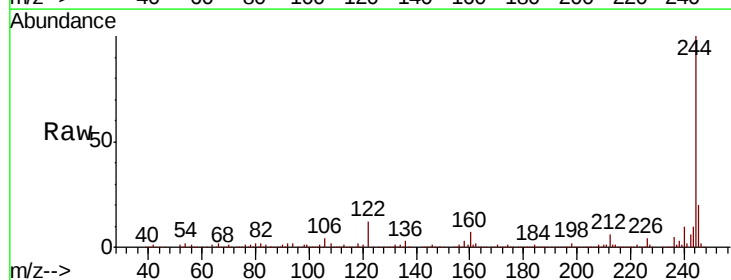
Tgt Ion:244 Resp: 891160

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

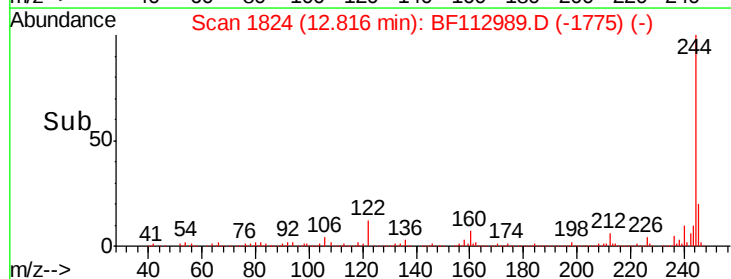
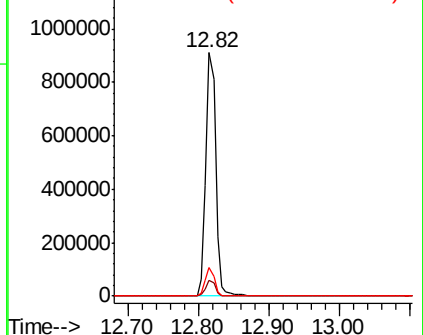
122 11.8 10.5 15.7

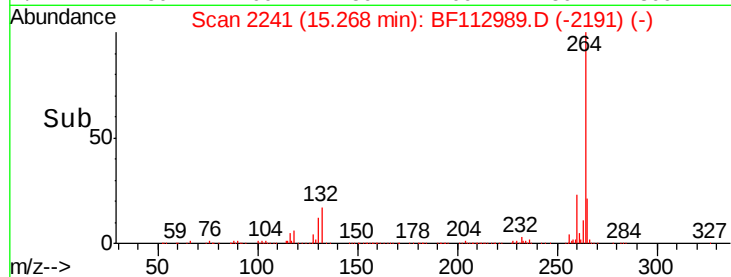
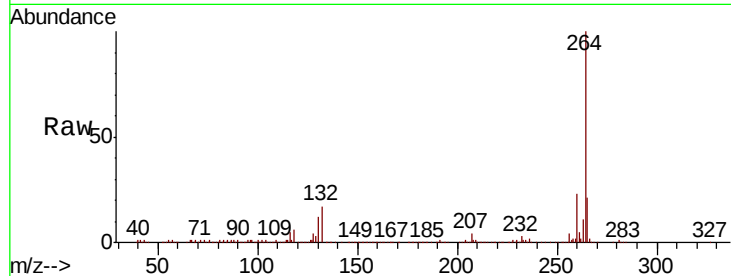
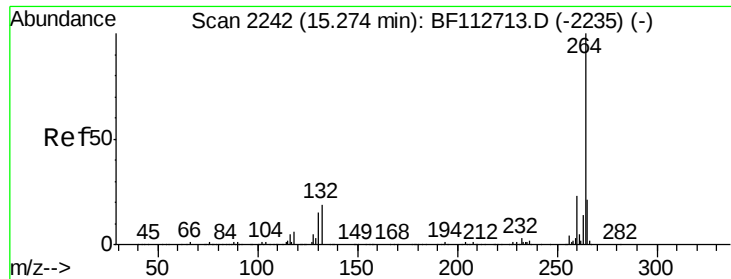


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF112989.D
Acq: 12 Mar 2019 7:34

Instrument :
BNA_F
ClientSampleId :
EXT-027-SW015-030719

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	21.4	17.2	25.8

