

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
 Data File : BF113970.D
 Acq On : 24 Apr 2019 19:07
 Operator : JU/SJ
 Sample : K2539-01 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-006-A

Quant Time: Apr 25 06:45:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

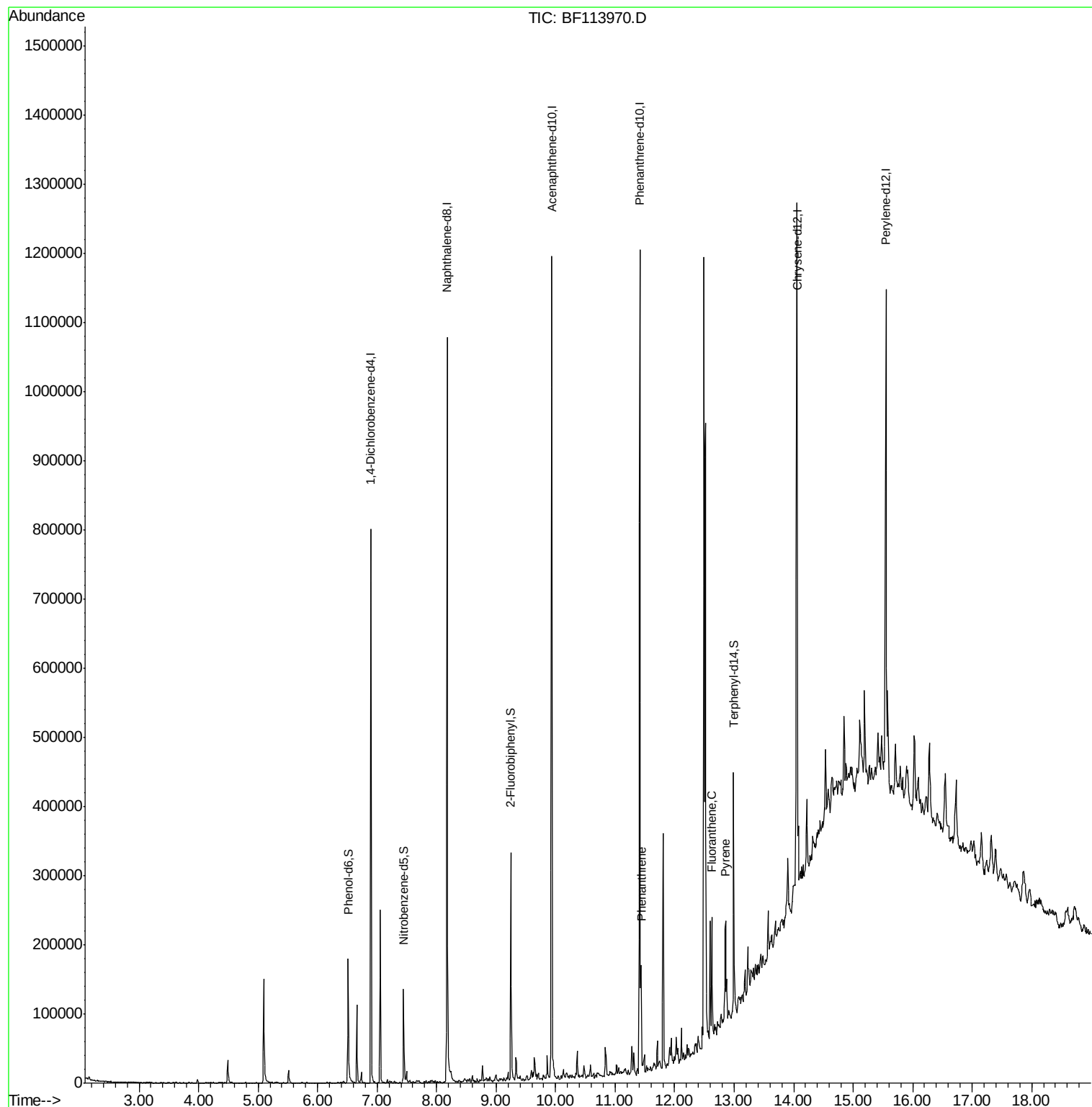
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	130319	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	505211	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	248609	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	425141	20.00	ng	0.00
76) Chrysene-d12	14.06	240	352424	20.00	ng	-0.01
87) Perylene-d12	15.55	264	378428	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	8385	1.10	ng	0.00
7) Phenol-d6	6.51	99	76352	7.99	ng	-0.01
23) Nitrobenzene-d5	7.45	82	52876	6.46	ng	-0.01
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.25	172	119626	7.53	ng	0.00
79) Terphenyl-d14	12.99	244	109538	6.37	ng	-0.01
Target Compounds						
71) Phenanthrene	11.44	178	53060	2.483	ng	97
75) Fluoranthene	12.63	202	68749	2.949	ng	96
78) Pyrene	12.86	202	61993	2.515	ng	99

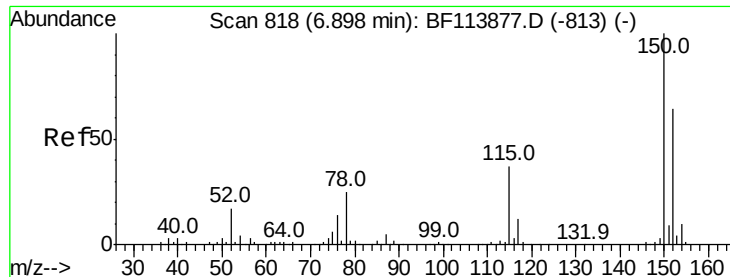
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113970.D
Acq On : 24 Apr 2019 19:07
Operator : JU/SJ
Sample : K2539-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-006-A

Quant Time: Apr 25 06:45:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration



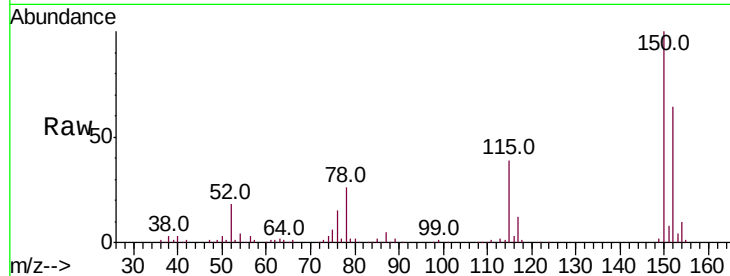


#1

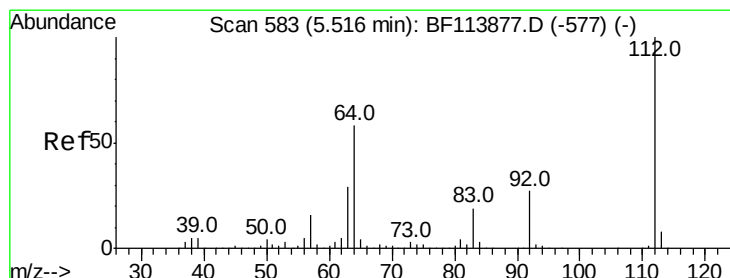
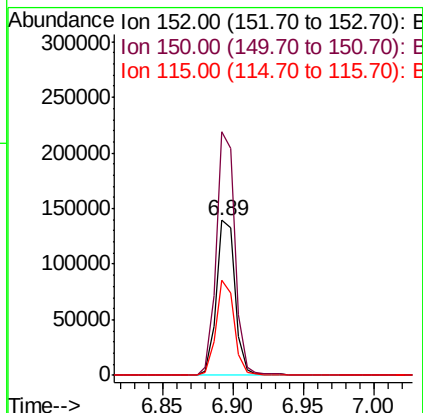
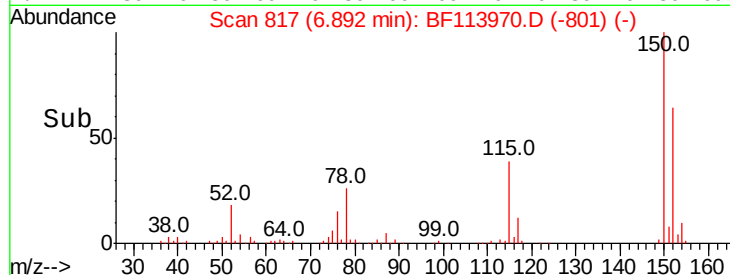
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF113970.D
Acq: 24 Apr 2019 19:07

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-006-A

Tot Ion:152 Resp: 130319
Ion Ratio Lower Upper
152 100
150 156.9 125.9 188.9
115 61.5 45.9 68.9



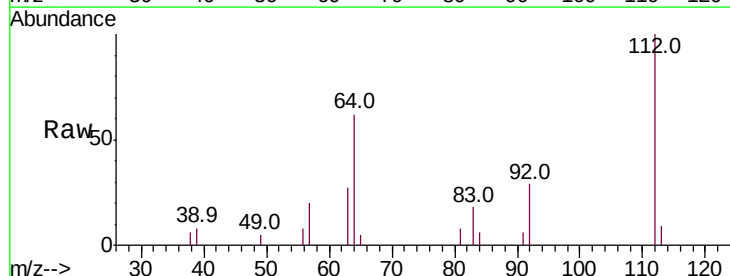
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



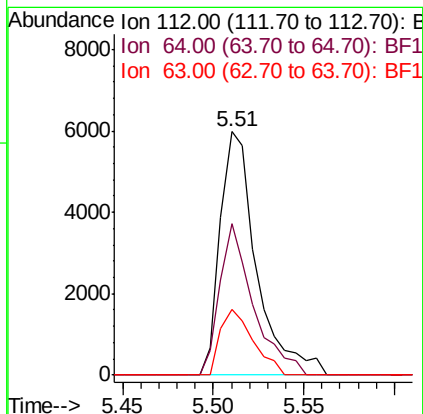
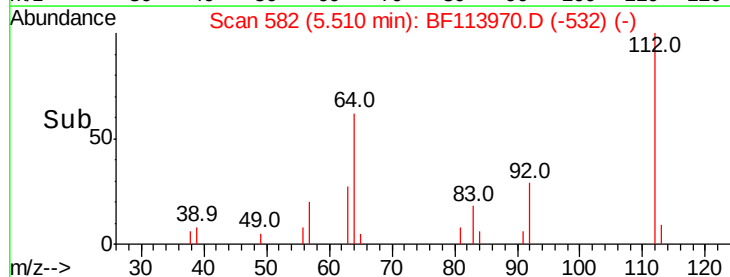
#5

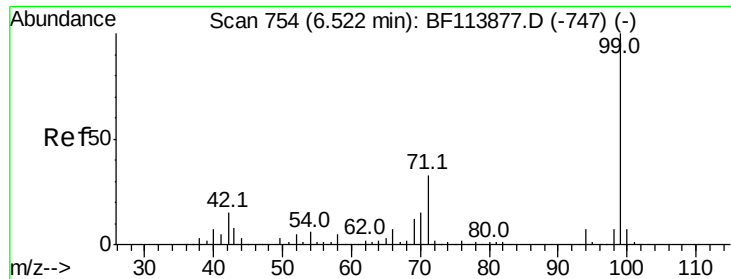
2-Fluorophenol
Concen: 1.100 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF113970.D
Acq: 24 Apr 2019 19:07

Tgt Ion:112 Resp: 8385
Ion Ratio Lower Upper
112 100
64 62.2 46.6 69.8
63 26.8 23.1 34.7



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: 7.987 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF113970.D

Acq: 24 Apr 2019 19:07

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-006-A

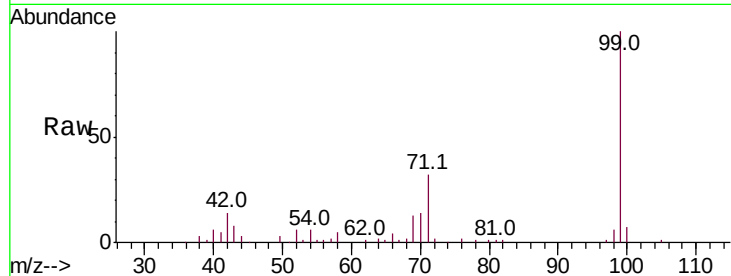
Tot Ion: 99 Resp: 76352

Ion Ratio Lower Upper

99 100

42 13.9 12.5 18.7

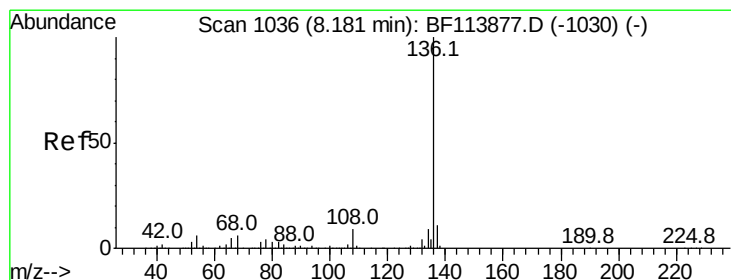
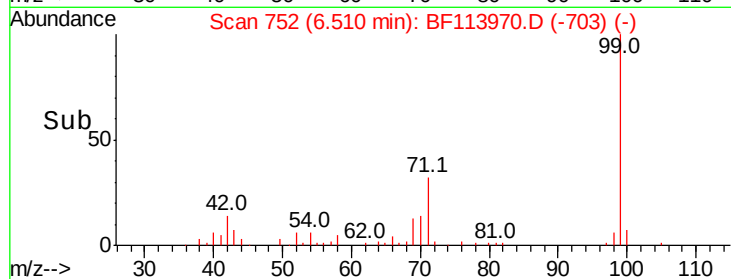
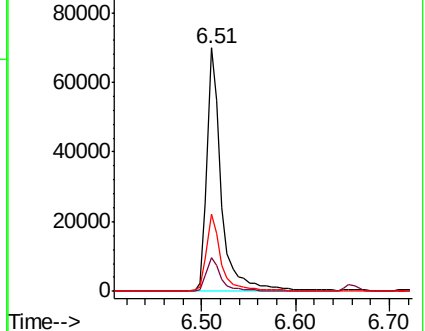
71 31.5 26.9 40.3



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF113970.D

Acq: 24 Apr 2019 19:07

Tgt Ion: 136 Resp: 505211

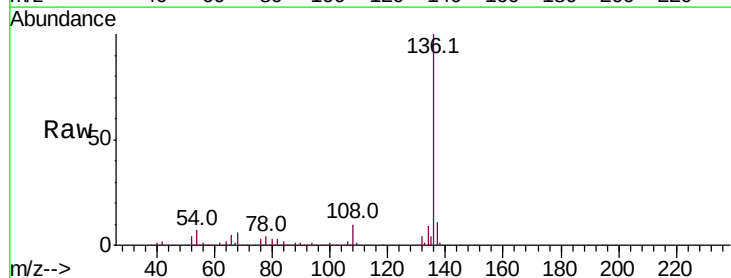
Ion Ratio Lower Upper

136 100

137 11.3 8.6 12.8

54 6.6 5.0 7.6

68 6.2 4.9 7.3

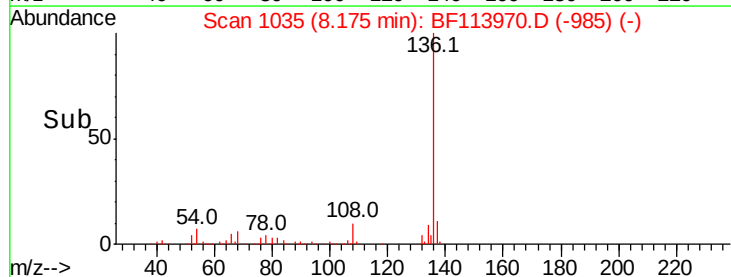
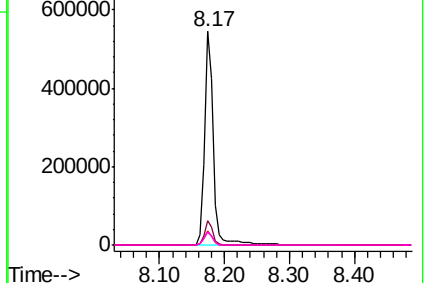


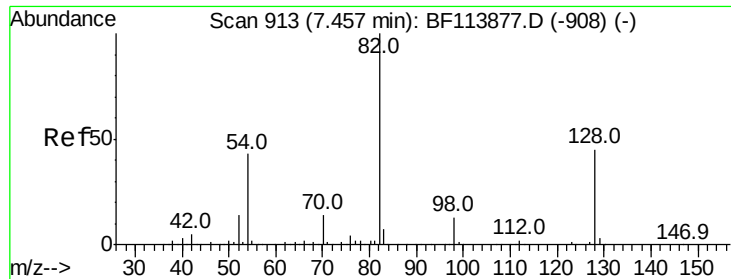
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

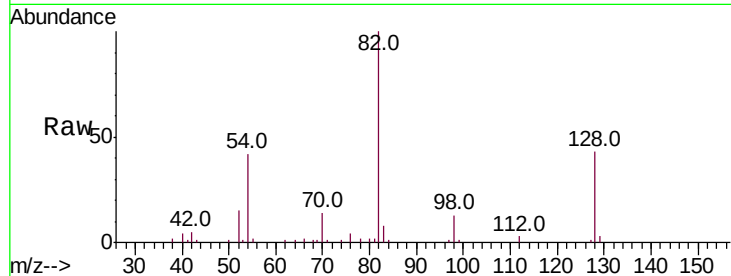




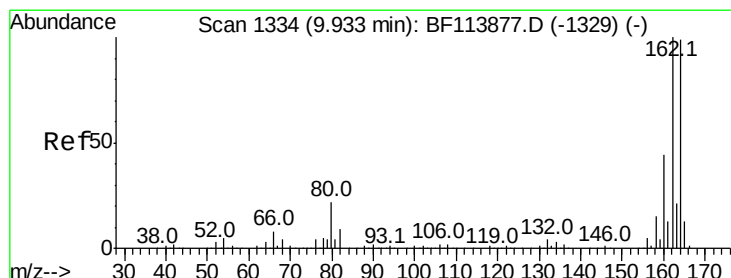
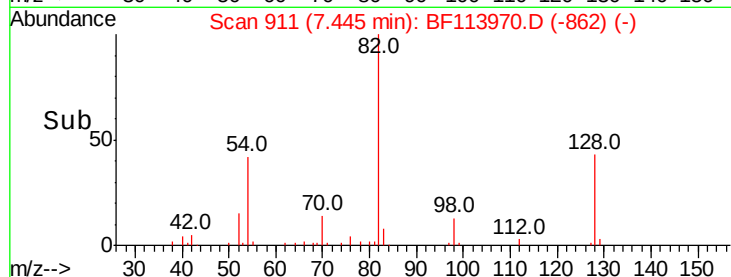
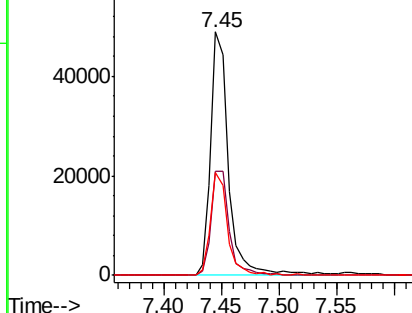
#23
 Nitrobenzene-d5
 Concen: 6.462 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF113970.D
 Acq: 24 Apr 2019 19:07

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-006-A

Tot Ion	82	Resp	52876
Ion Ratio	100	Lower	Upper
128	42.7	36.8	55.2
54	42.2	33.8	50.6

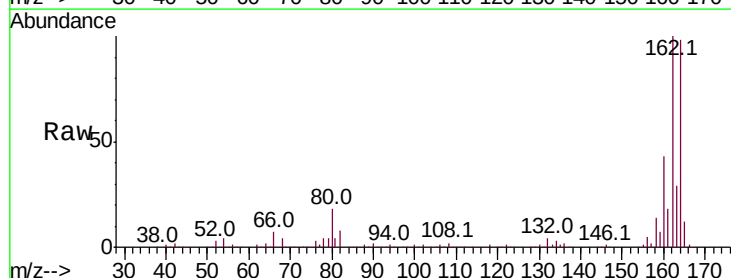


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

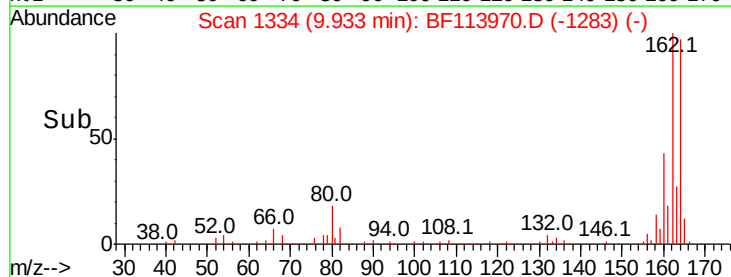
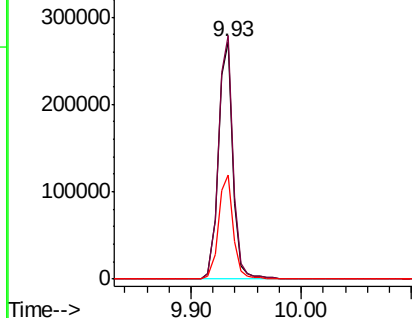


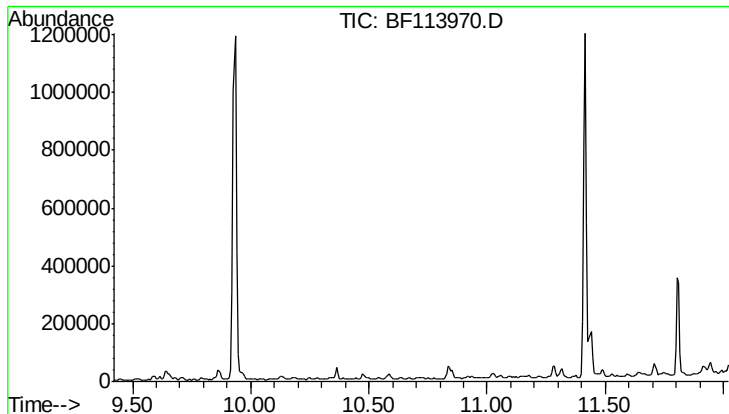
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF113970.D
 Acq: 24 Apr 2019 19:07

Tgt Ion	164	Resp	248609
Ion Ratio	100	Lower	Upper
162	102.5	81.1	121.7
160	43.9	35.8	53.6



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.72 min

Lab File: BF113970.D

Acq: 24 Apr 2019 19:07

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-006-A

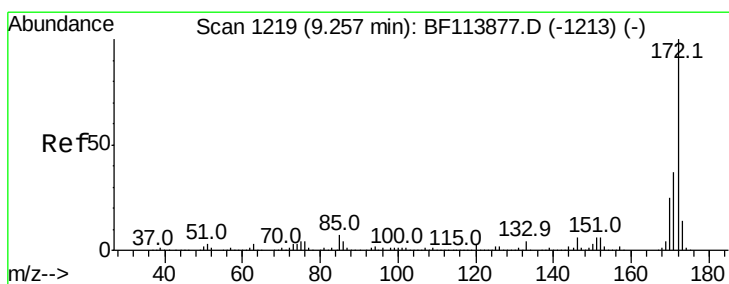
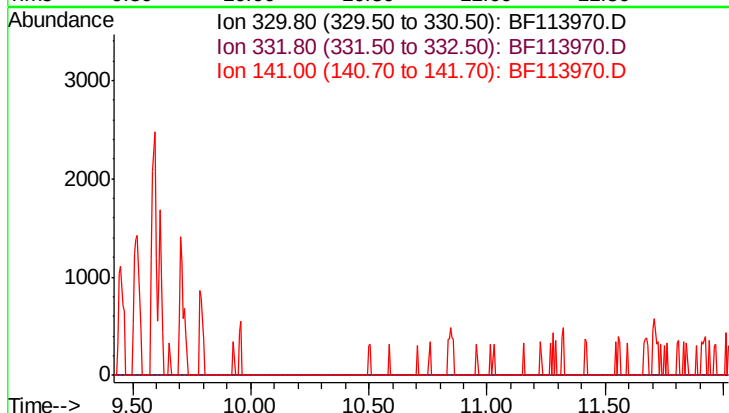
Tot Ion: 330

Sig Exp Ratio

330 100

332 96.9

141 27.7



#45

2-Fluorobiphenyl

Concen: 7.526 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF113970.D

Acq: 24 Apr 2019 19:07

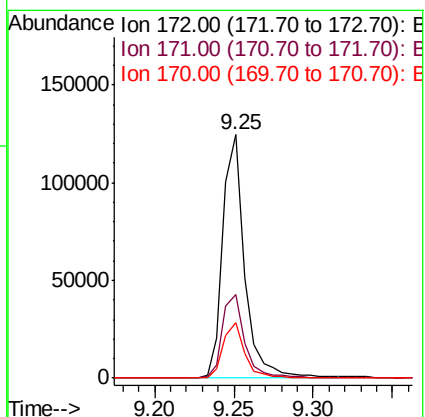
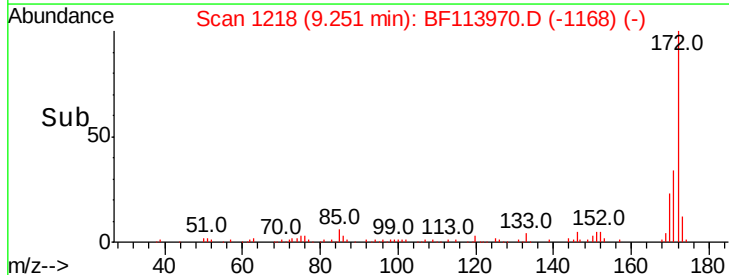
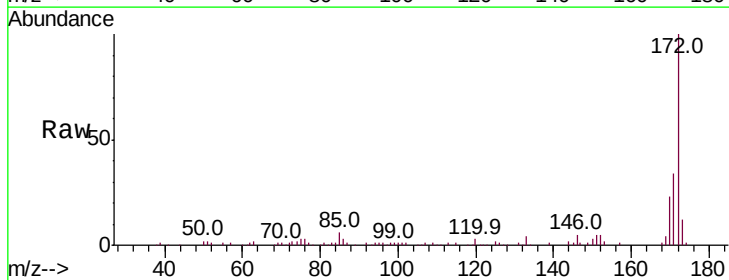
Tgt Ion:172 Resp: 119626

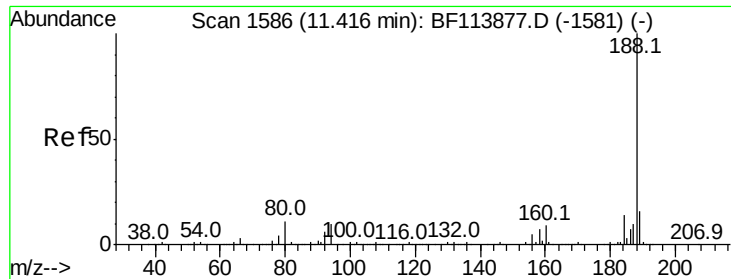
Ion Ratio Lower Upper

172 100

171 34.1 29.4 44.0

170 22.7 19.9 29.9

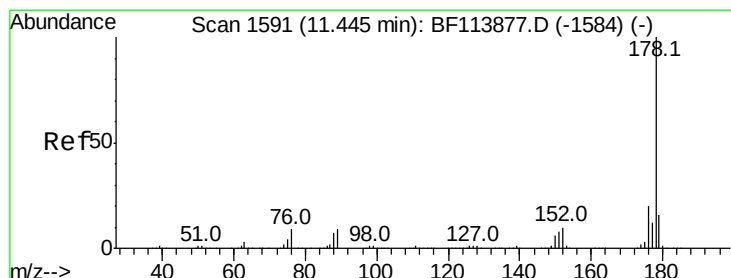
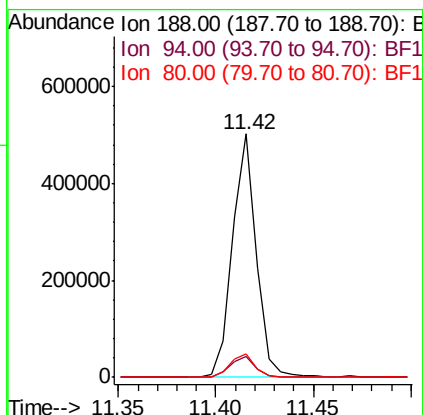
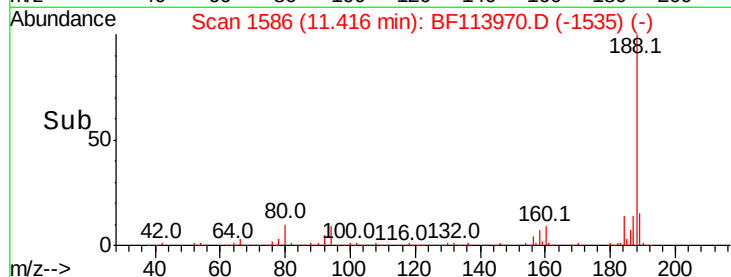
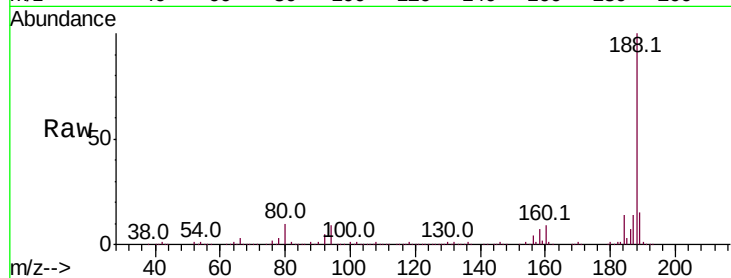




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: BF113970.D
 Acq: 24 Apr 2019 19:07

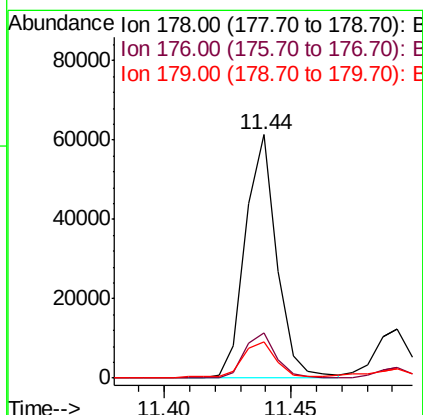
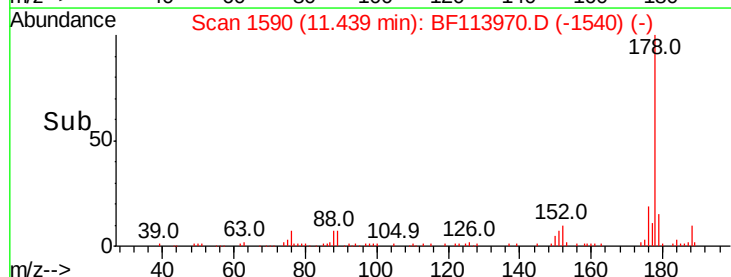
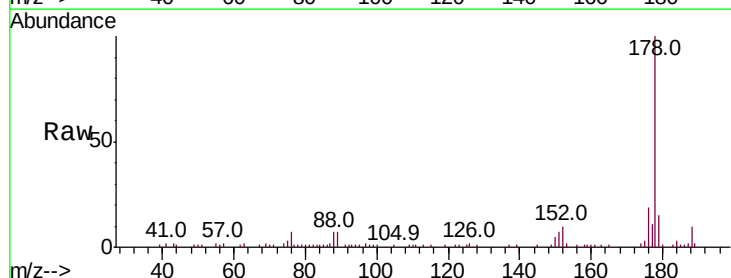
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-006-A

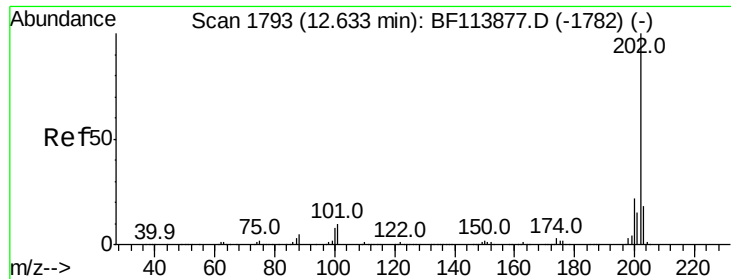
Tot Ion:188 Resp: 425141
 Ion Ratio Lower Upper
 188 100
 94 8.6 8.2 12.4
 80 9.8 9.0 13.6



#71
 Phenanthrene
 Concen: 2.483 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF113970.D
 Acq: 24 Apr 2019 19:07

Tgt Ion:178 Resp: 53060
 Ion Ratio Lower Upper
 178 100
 176 18.5 16.1 24.1
 179 14.8 12.8 19.2





#75

Fluoranthene

Concen: 2.949 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF113970.D

Acq: 24 Apr 2019 19:07

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-006-A

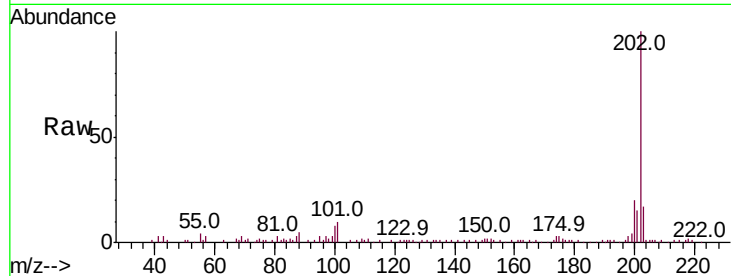
Tot Ion:202 Resp: 68749

Ion Ratio Lower Upper

202 100

101 10.2 0.0 32.9

203 17.5 0.0 38.2

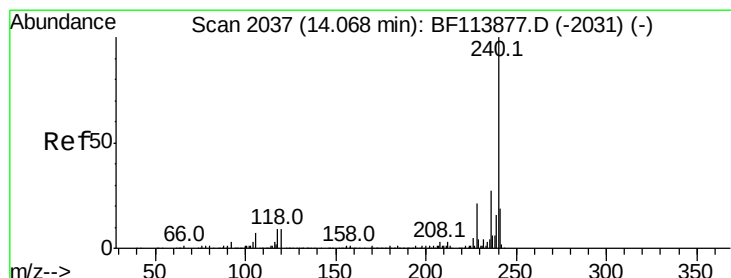
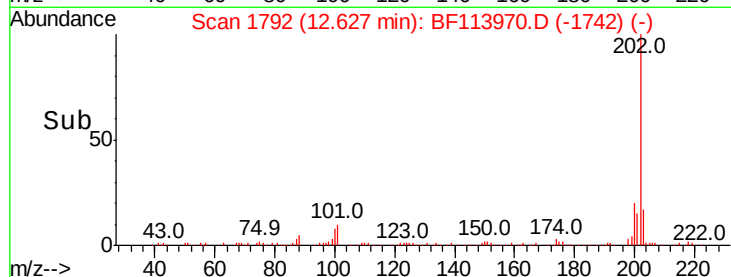
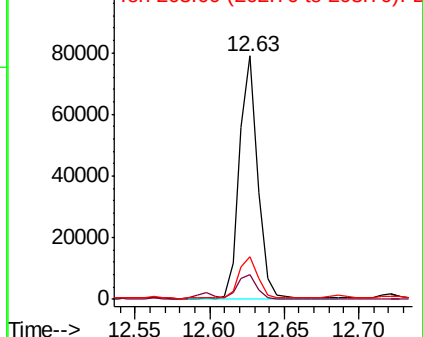


Abundance

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: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF113970.D

Acq: 24 Apr 2019 19:07

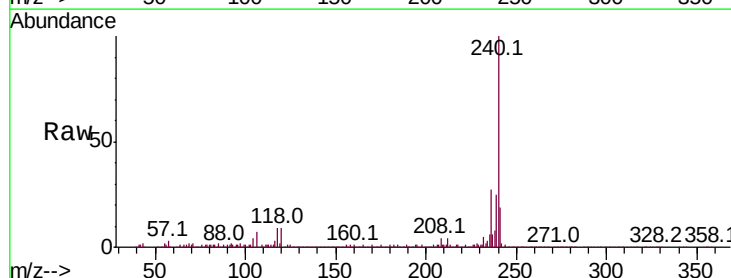
Tgt Ion:240 Resp: 352424

Ion Ratio Lower Upper

240 100

120 9.1 9.3 13.9#

236 27.5 21.2 31.8

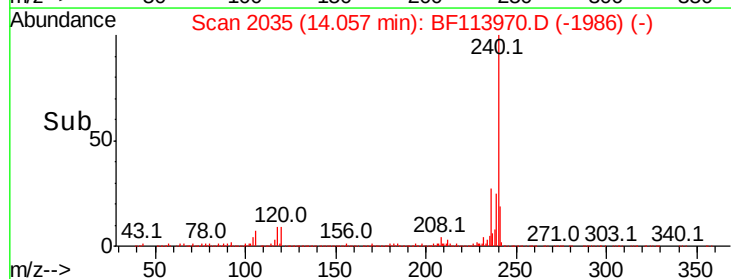
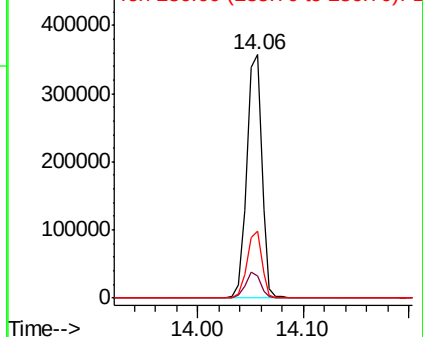


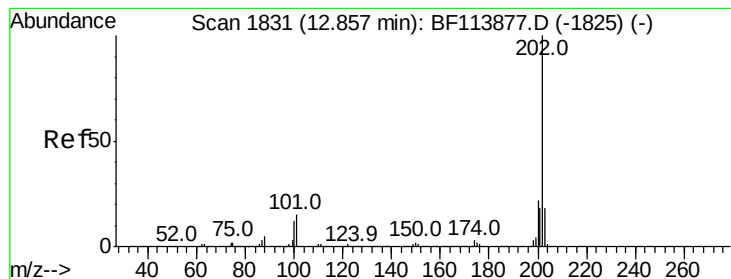
Abundance

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: 2.515 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF113970.D

Acq: 24 Apr 2019 19:07

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-006-A

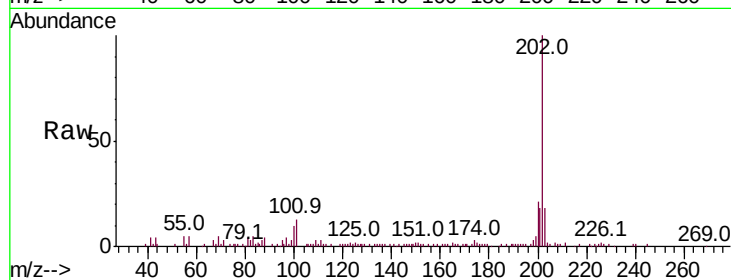
Tot Ion:202 Resp: 61993

Ion Ratio Lower Upper

202 100

200 21.3 17.7 26.5

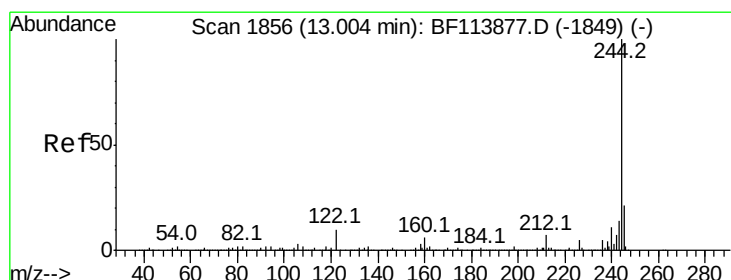
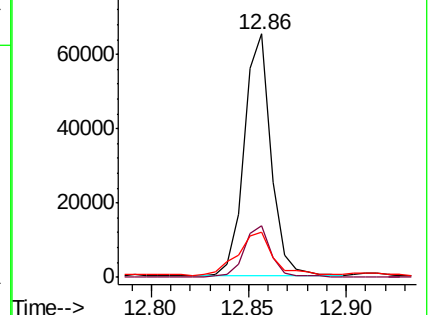
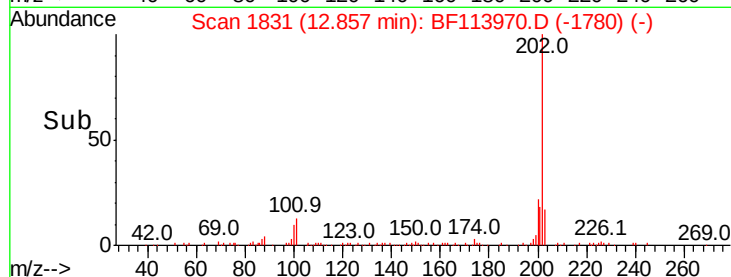
203 18.3 15.0 22.6



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: 6.372 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF113970.D

Acq: 24 Apr 2019 19:07

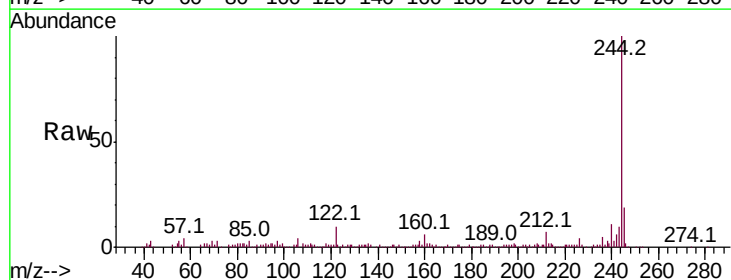
Tgt Ion:244 Resp: 109538

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

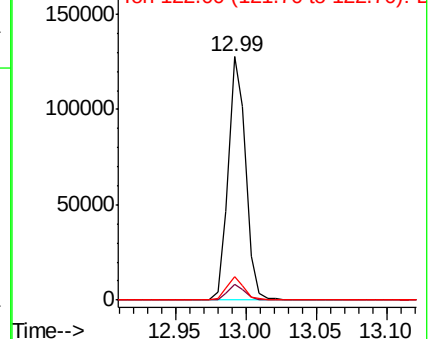
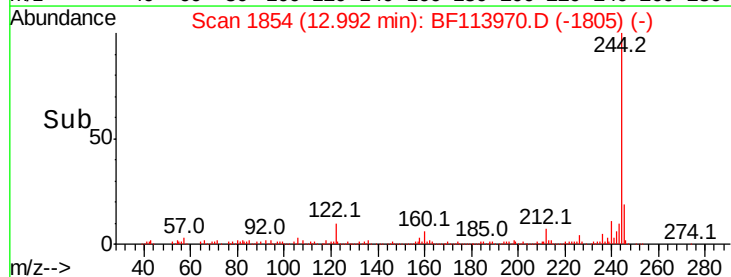
122 9.7 7.6 11.4

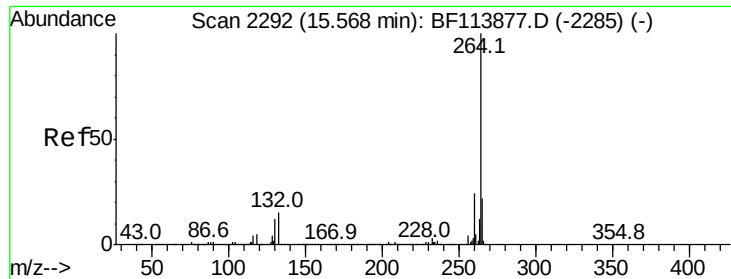


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

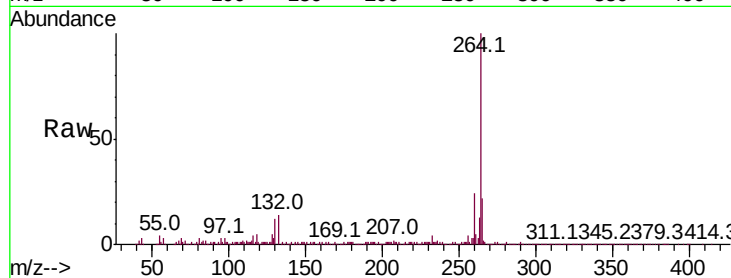




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BF113970.D
 Acq: 24 Apr 2019 19:07

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-006-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.9	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

