

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030719\
 Data File : BF112932.D
 Acq On : 7 Mar 2019 20:12
 Operator : JU/SJ
 Sample : K1760-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z2-9

Quant Time: Mar 08 01:13:21 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

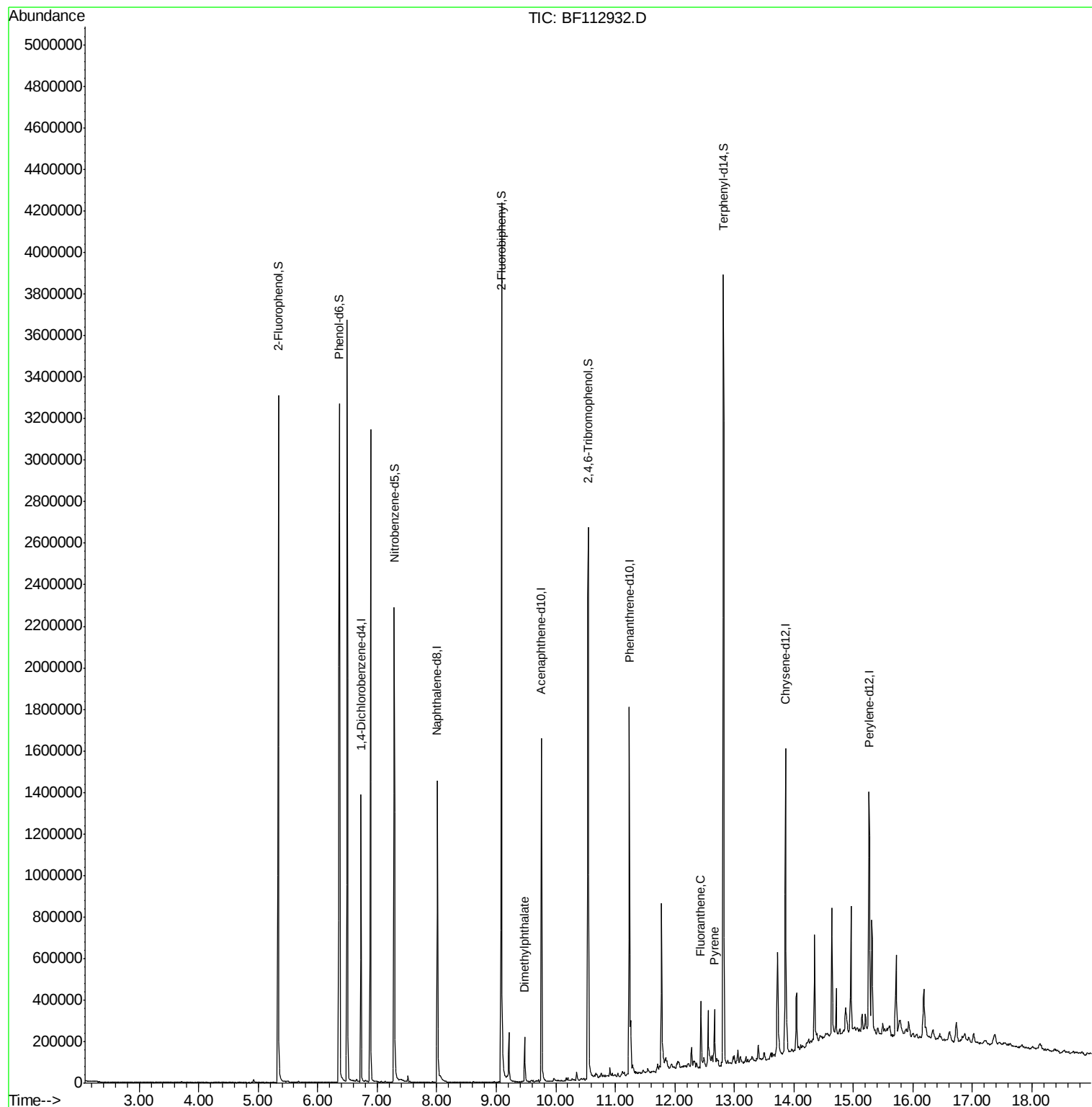
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	191283	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	745618	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	363413	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	755352	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	543361	20.00	ng	-0.02
87) Perylene-d12	15.26	264	553381	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	940848	76.51	ng	0.00
7) Phenol-d6	6.36	99	1229990	79.63	ng	0.00
23) Nitrobenzene-d5	7.29	82	739589	59.35	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	390392	101.19	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1414551	59.60	ng	-0.01
79) Terphenyl-d14	12.82	244	1406775	50.19	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.48	163	107005	3.993	ng	98
75) Fluoranthene	12.44	202	133440	3.314	ng	97
78) Pyrene	12.67	202	112006	2.445	ng	98

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

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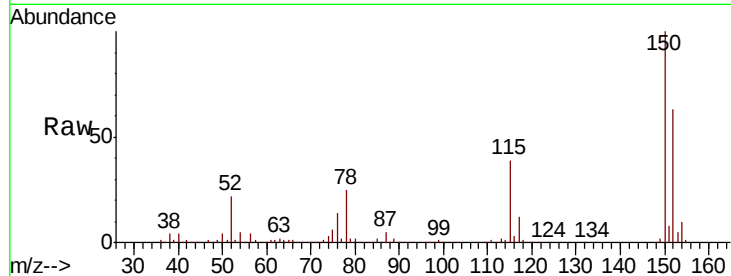




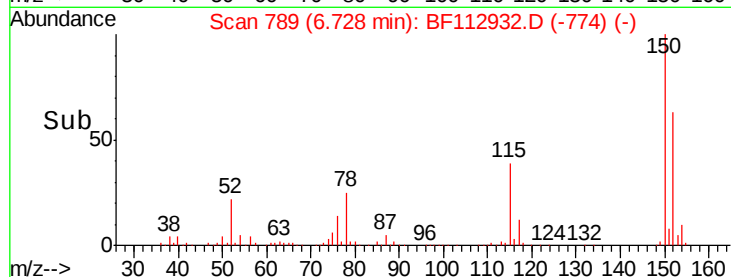
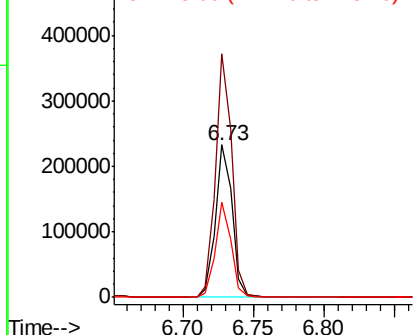
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF112932.D
 Acq: 7 Mar 2019 20:12

Instrument :
 BNA_F
 ClientSampleId :
 Z2-9

Tot Ion:152 Resp: 191283
 Ion Ratio Lower Upper
 152 100
 150 159.7 124.2 186.2
 115 62.5 48.2 72.4

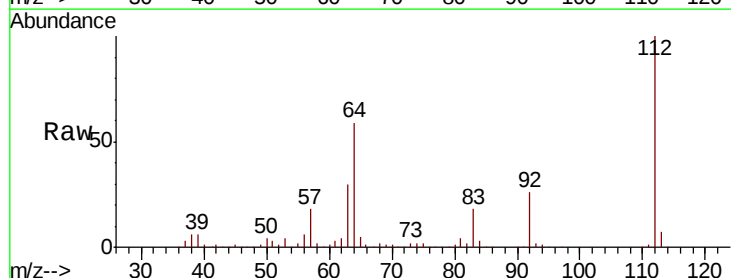


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

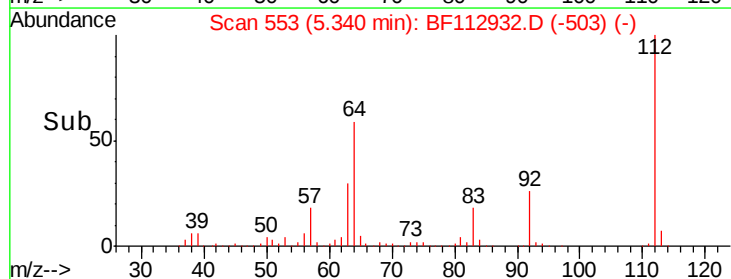
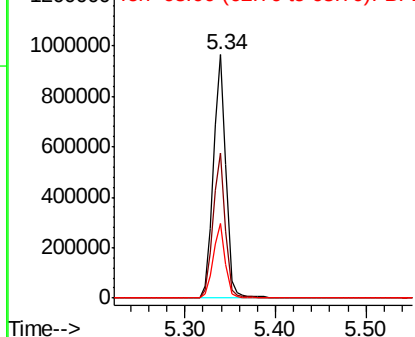


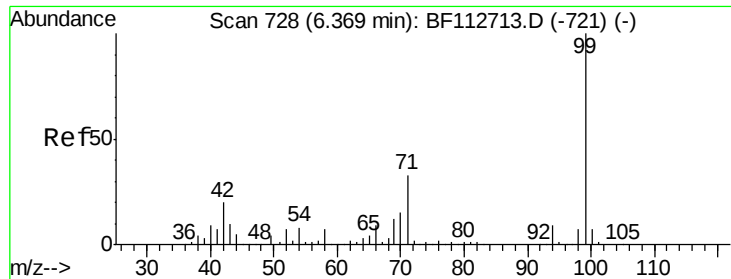
#5
 2-Fluorophenol
 Concen: 76.511 ng
 RT: 5.34 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF112932.D
 Acq: 7 Mar 2019 20:12

Tgt Ion:112 Resp: 940848
 Ion Ratio Lower Upper
 112 100
 64 59.5 47.6 71.4
 63 30.4 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: 79.627 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112932.D

Acq: 7 Mar 2019 20:12

Instrument :

BNA_F

ClientSampleId :

Z2-9

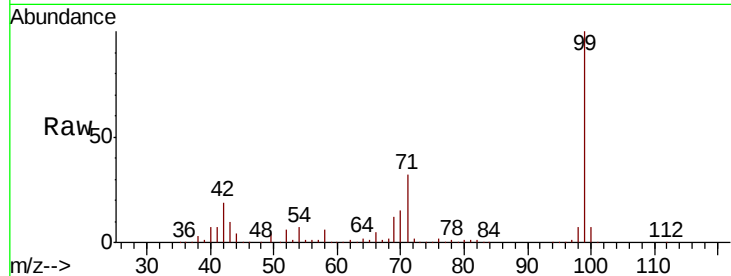
Tot Ion: 99 Resp: 1229990

Ion Ratio Lower Upper

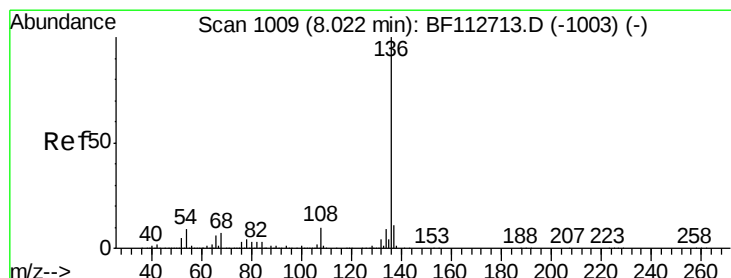
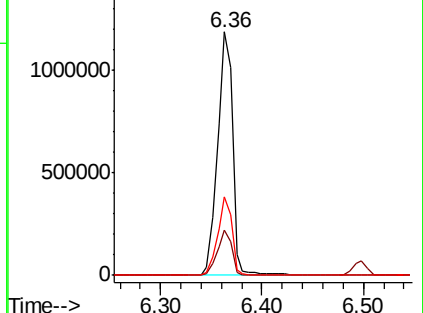
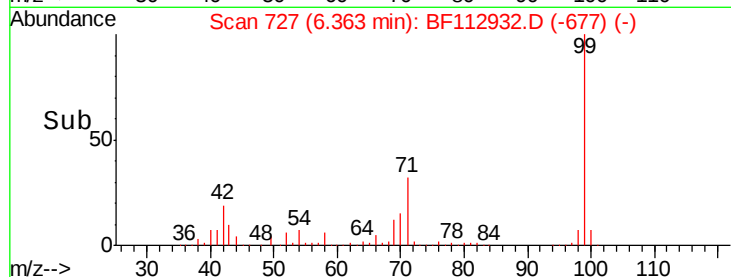
99 100

42 18.7 16.3 24.5

71 32.0 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF112932.D

Acq: 7 Mar 2019 20:12

Tgt Ion: 136 Resp: 745618

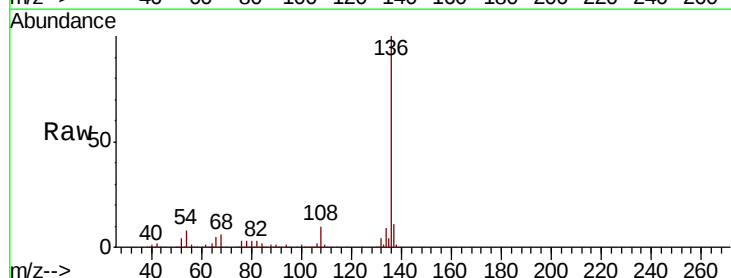
Ion Ratio Lower Upper

136 100

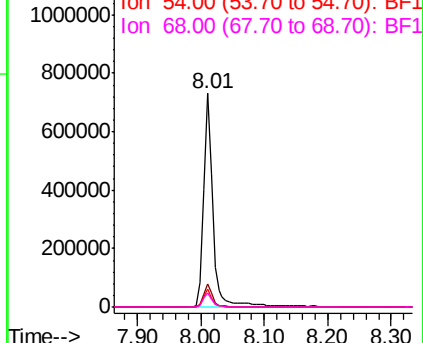
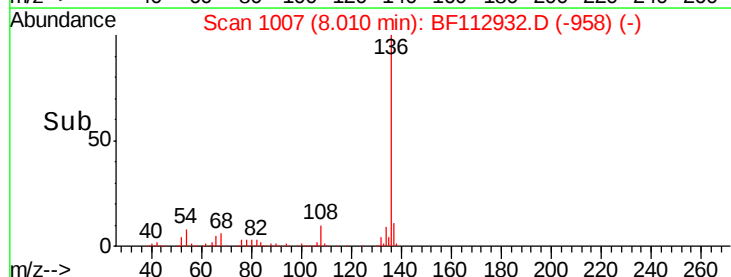
137 11.1 8.9 13.3

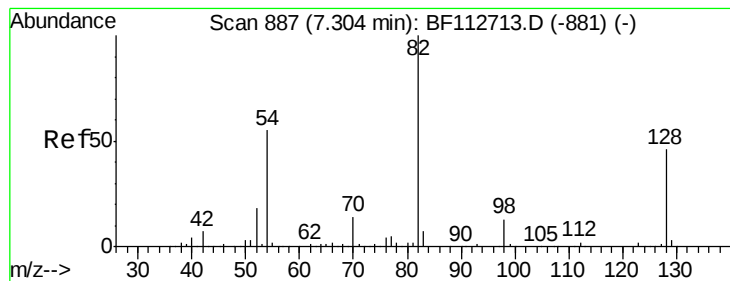
54 8.3 7.3 10.9

68 6.4 5.4 8.2



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: 59.354 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.02 min

Lab File: BF112932.D

Acq: 7 Mar 2019 20:12

Instrument :

BNA_F

ClientSampleId :

Z2-9

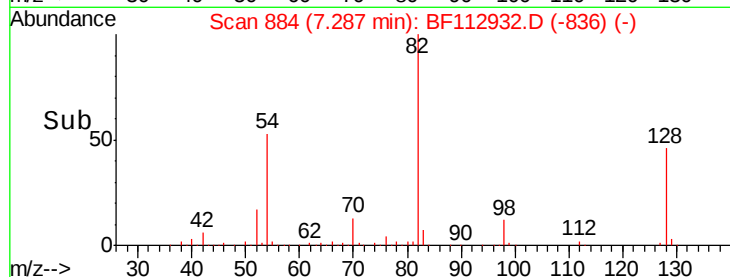
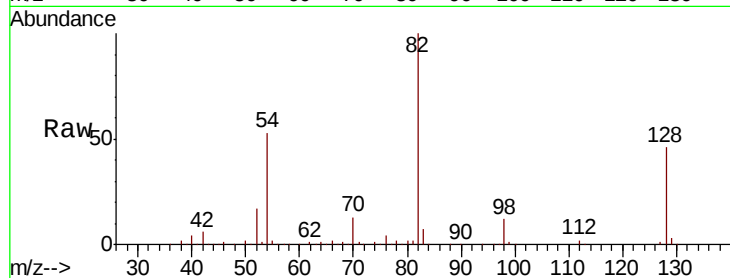
Tot Ion: 82 Resp: 739589

Ion Ratio Lower Upper

82 100

128 46.3 36.3 54.5

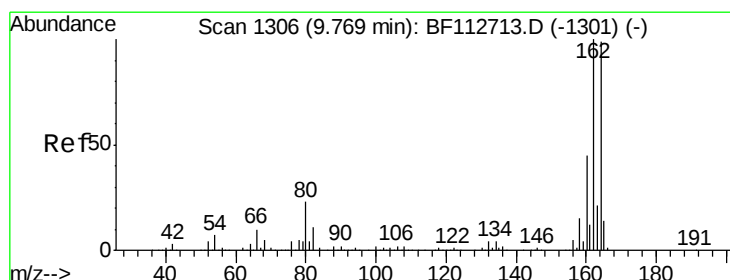
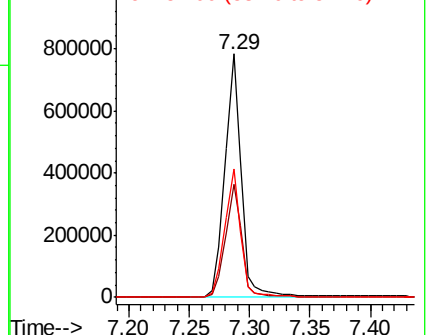
54 52.8 43.7 65.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF112932.D

Acq: 7 Mar 2019 20:12

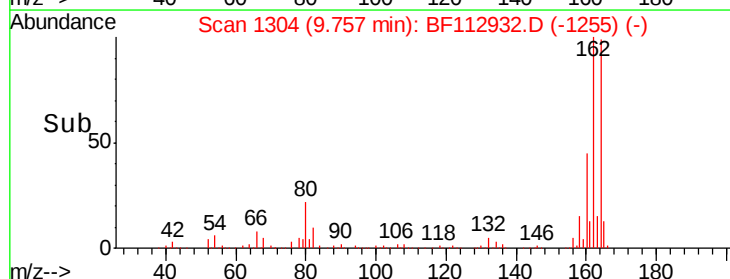
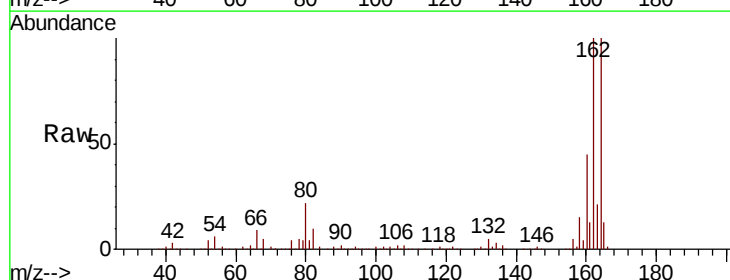
Tgt Ion: 164 Resp: 363413

Ion Ratio Lower Upper

164 100

162 99.9 80.6 120.8

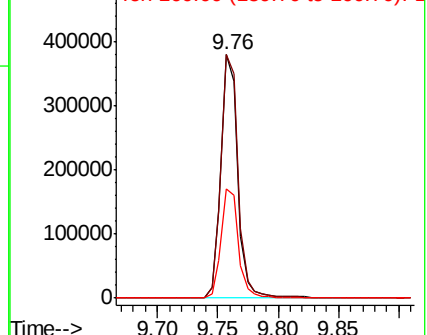
160 45.0 36.0 54.0

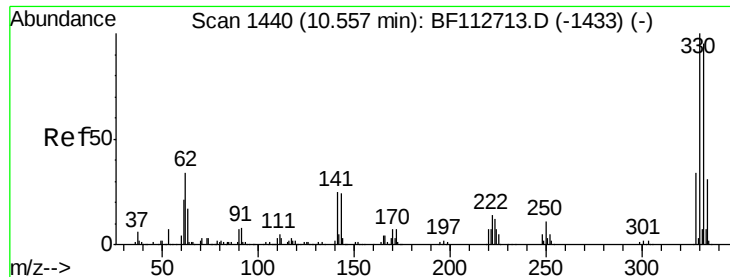


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

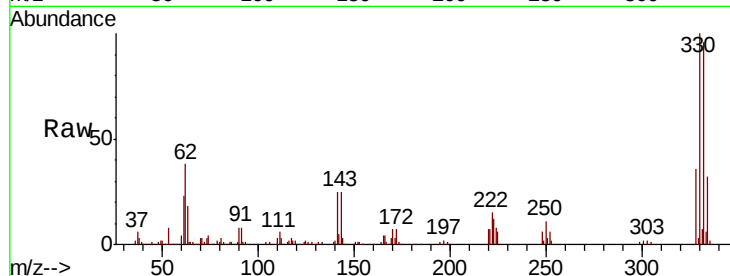




#42
 2,4,6-Tribromophenol
 Concen: 101.188 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112932.D
 Acq: 7 Mar 2019 20:12

Instrument :
 BNA_F
 ClientSampled :
 Z2-9

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.2	114.4
141	28.5	27.0	40.6

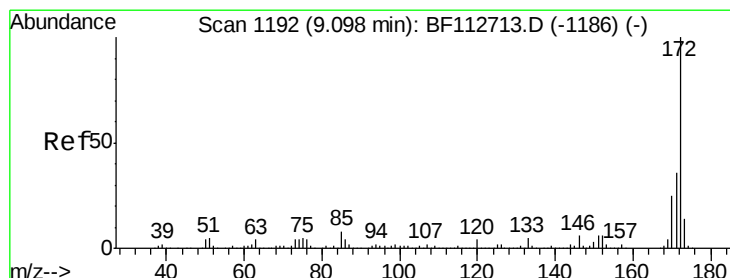
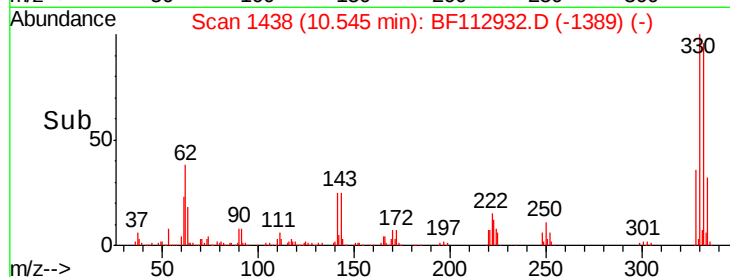
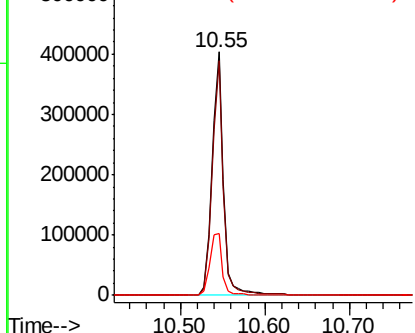


Abundance

Ion 329.80 (329.50 to 330.50): E

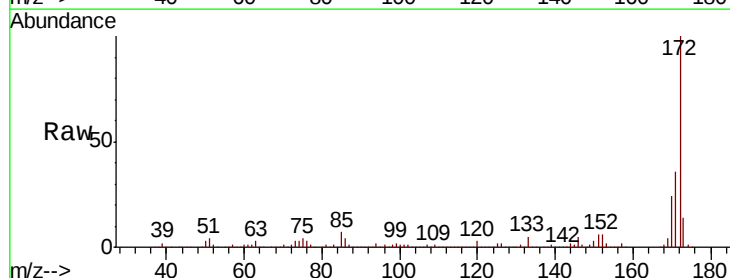
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 59.600 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112932.D
 Acq: 7 Mar 2019 20:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.4
170	24.2	20.0	30.0

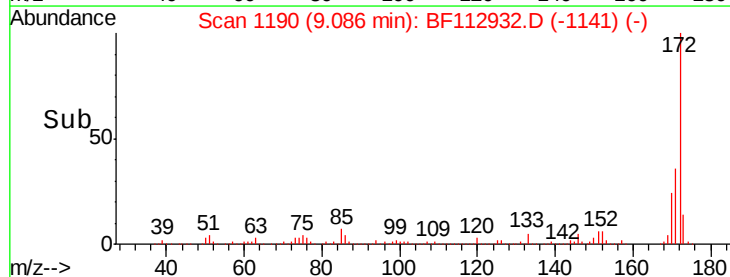
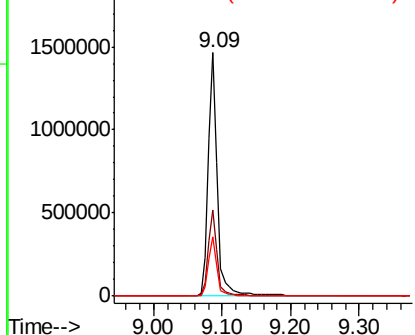


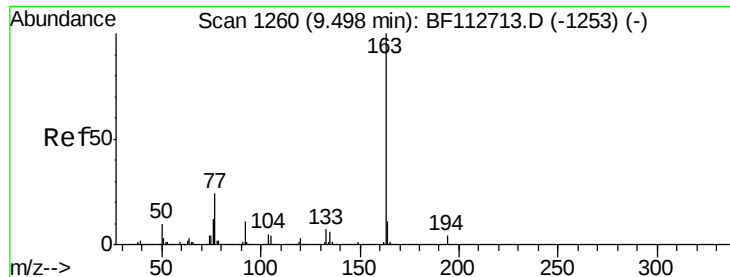
Abundance

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

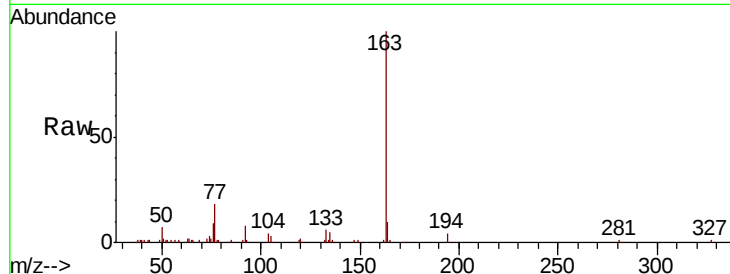




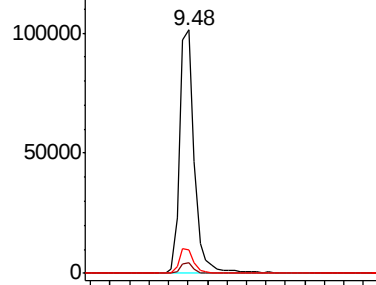
#50
Dimethylphthalate
Concen: 3.993 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112932.D
Acq: 7 Mar 2019 20:12

Instrument :
BNA_F
ClientSampled :
Z2-9

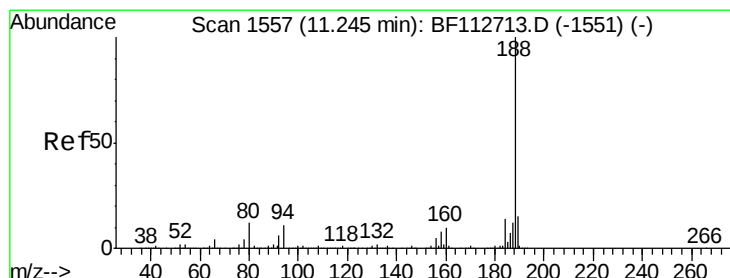
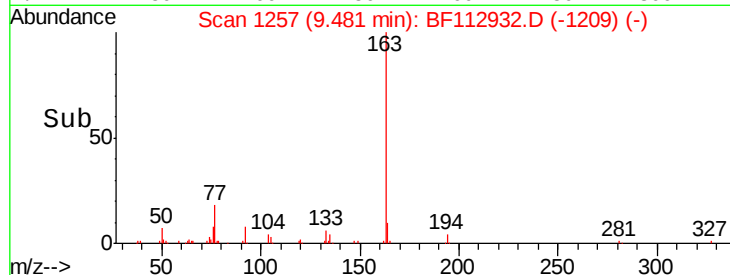
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.4
164	9.8	8.4	12.6



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

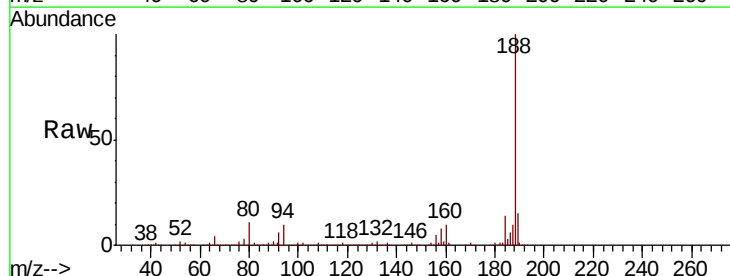


Time-->

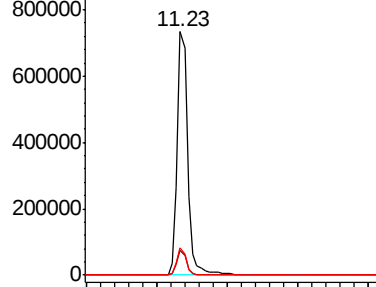


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF112932.D
Acq: 7 Mar 2019 20:12

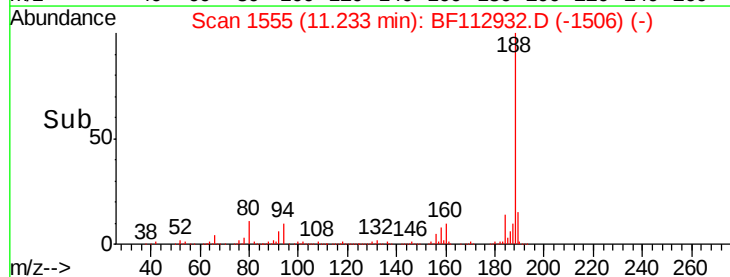
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.0	13.4
80	11.2	9.2	13.8

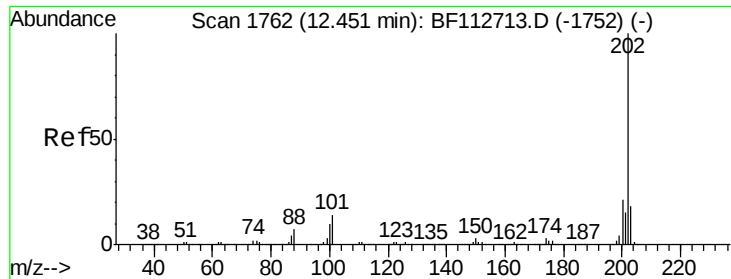


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1



Time-->





#75

Fluoranthene

Concen: 3.314 ng

RT: 12.44 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BF112932.D

Acq: 7 Mar 2019 20:12

Instrument :

BNA_F

ClientSampleId :

Z2-9

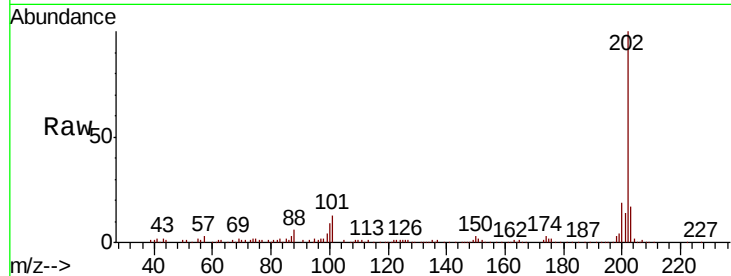
Tot Ion:202 Resp: 133440

Ion Ratio Lower Upper

202 100

101 12.6 0.0 33.8

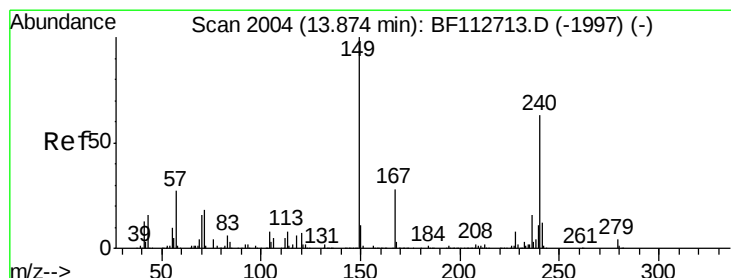
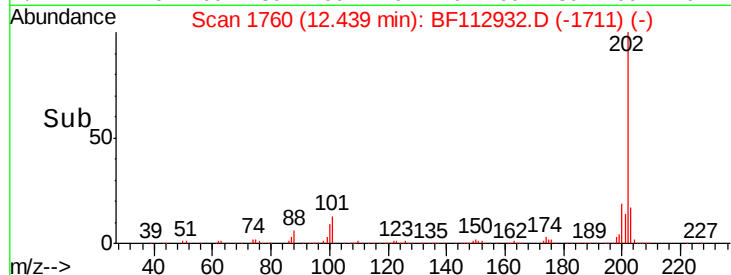
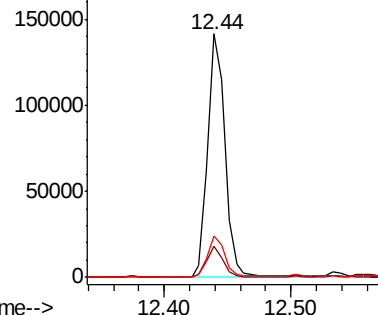
203 16.8 0.0 38.4



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# 2001

Delta R.T. -0.02 min

Lab File: BF112932.D

Acq: 7 Mar 2019 20:12

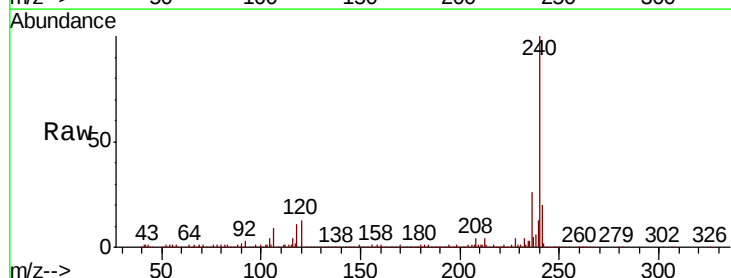
Tgt Ion:240 Resp: 543361

Ion Ratio Lower Upper

240 100

120 12.9 8.9 13.3

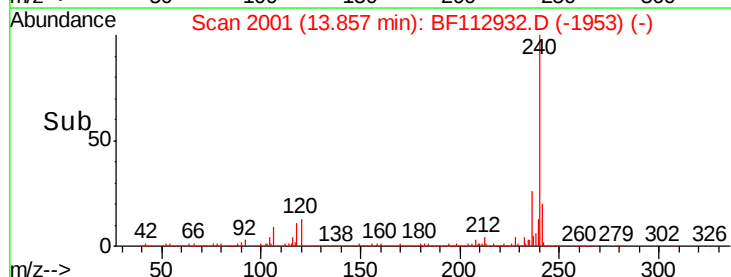
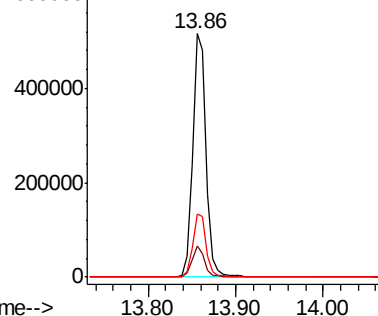
236 25.9 20.7 31.1

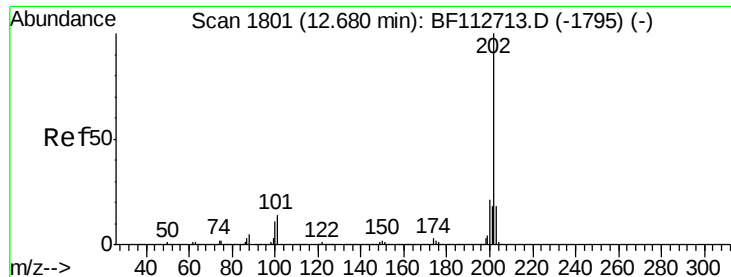


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.445 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF112932.D

Acq: 7 Mar 2019 20:12

Instrument :

BNA_F

ClientSampleId :

Z2-9

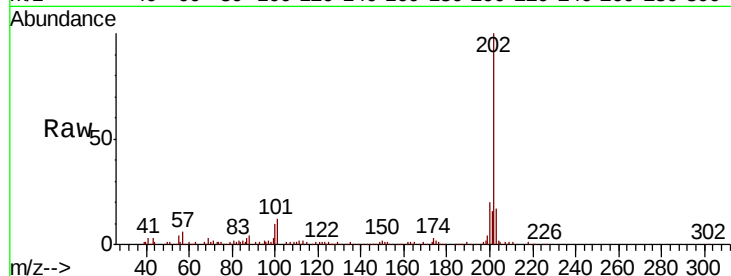
Tot Ion:202 Resp: 112006

Ion Ratio Lower Upper

202 100

200 19.7 17.0 25.4

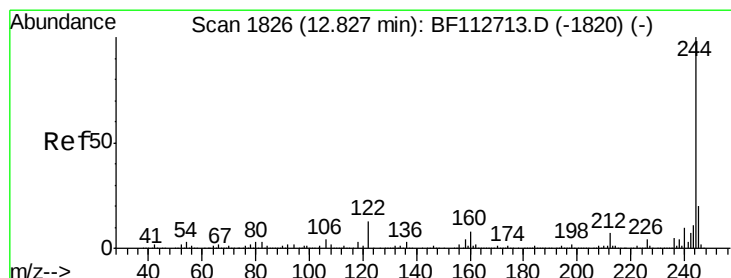
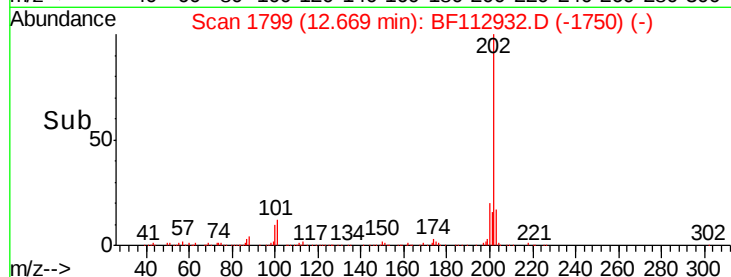
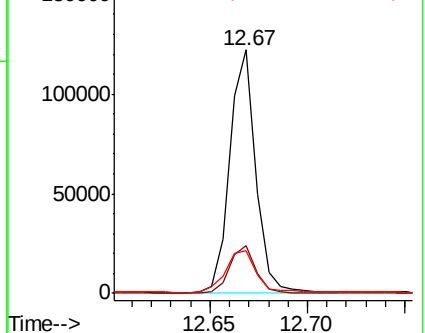
203 17.3 14.4 21.6



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: 50.188 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF112932.D

Acq: 7 Mar 2019 20:12

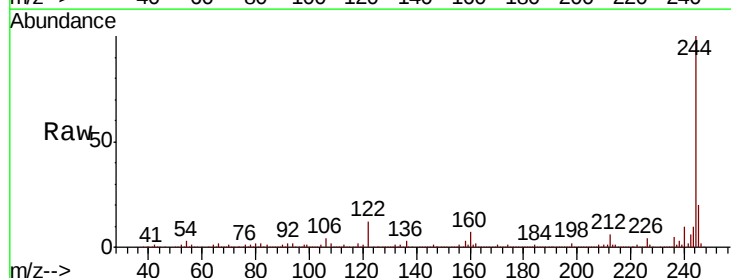
Tgt Ion:244 Resp: 1406775

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

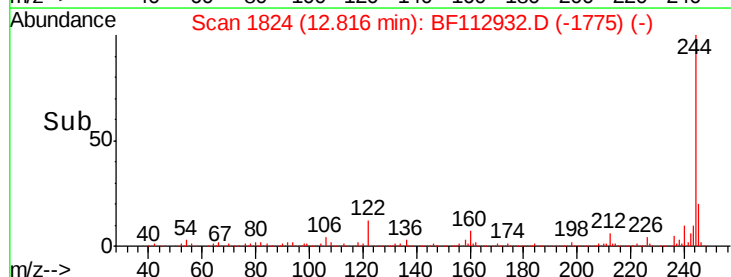
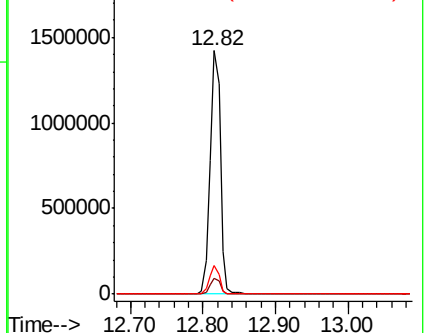
122 12.0 10.5 15.7

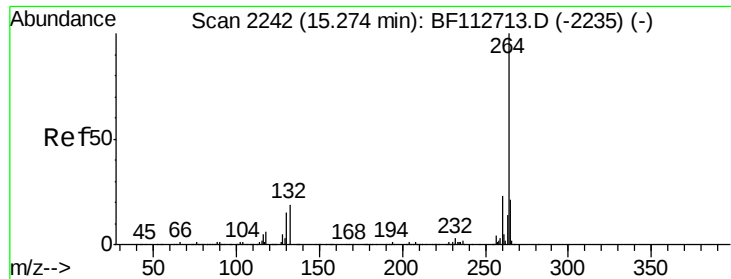


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

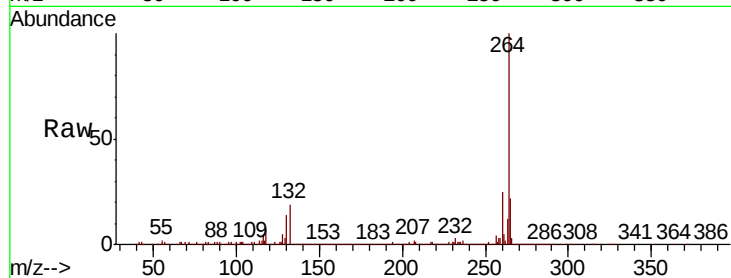




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF112932.D
Acq: 7 Mar 2019 20:12

Instrument :
BNA_F
ClientSampleId :
Z2-9

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.7	28.1
265	22.4	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

