

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
 Data File : BF115243.D
 Acq On : 27 Jun 2019 19:36
 Operator : HP/JU
 Sample : K3512-06 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-8

Quant Time: Jun 28 06:46:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

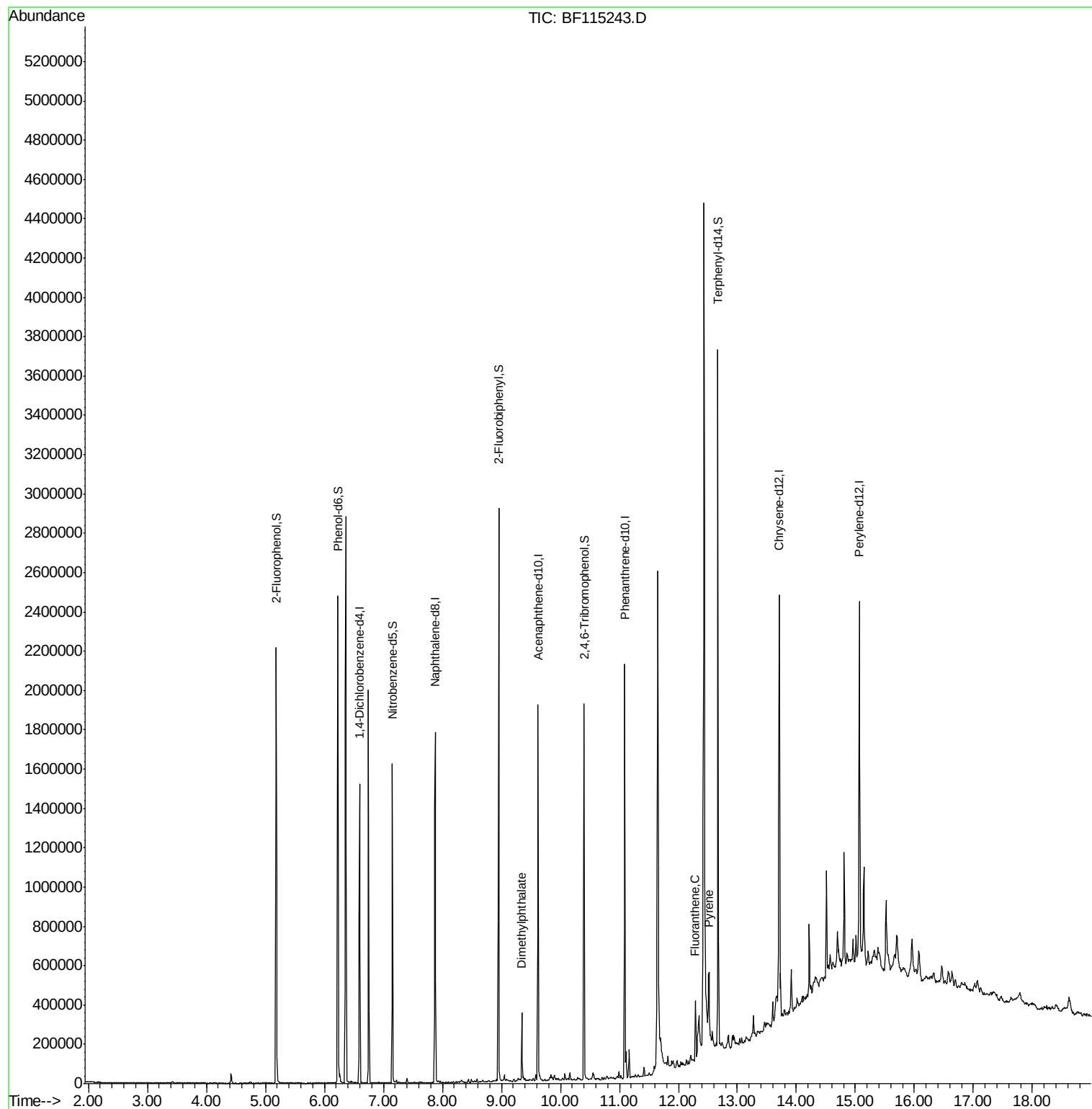
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	202038	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	743450	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	373917	20.00	ng	0.00
64) Phenanthrene-d10	11.09	188	748122	20.00	ng	0.00
76) Chrysene-d12	13.71	240	704296	20.00	ng	0.00
87) Perylene-d12	15.07	264	748508	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	630724	48.17	ng	0.00
7) Phenol-d6	6.23	99	881616	55.48	ng	0.00
23) Nitrobenzene-d5	7.15	82	461656	38.20	ng	-0.01
42) 2,4,6-Tribromophenol	10.40	330	224808	57.01	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	901897	40.97	ng	0.00
79) Terphenyl-d14	12.67	244	1174619	35.46	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.35	163	137207	4.988	ng	98
75) Fluoranthene	12.29	202	119614	2.976	ng	96
78) Pyrene	12.52	202	125084	2.311	ng	97

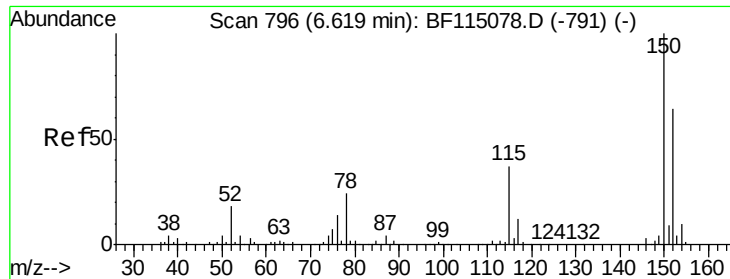
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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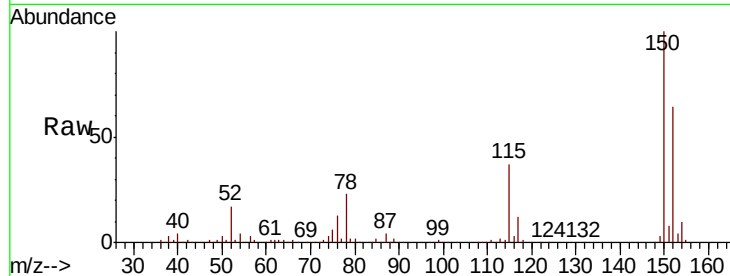


#1

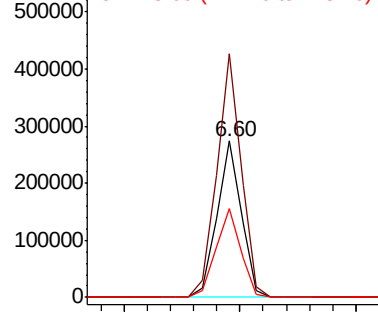
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115243.D
Acq: 27 Jun 2019 19:36

Instrument :
BNA_F
ClientSampled :
SAMPLE-8

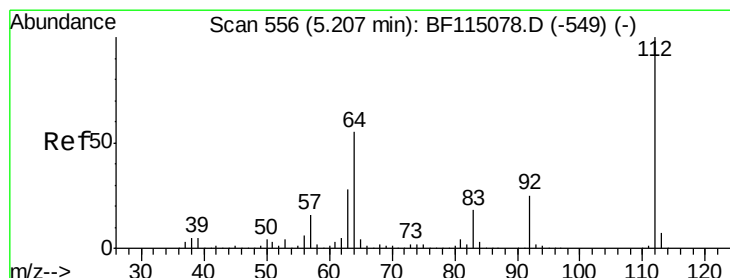
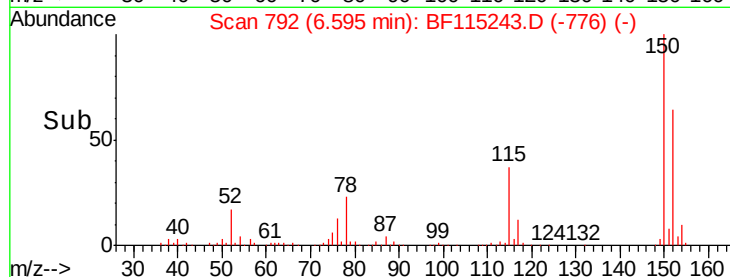
Tot Ion:152 Resp: 202038
Ion Ratio Lower Upper
152 100
150 155.7 124.2 186.2
115 56.8 46.1 69.1



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



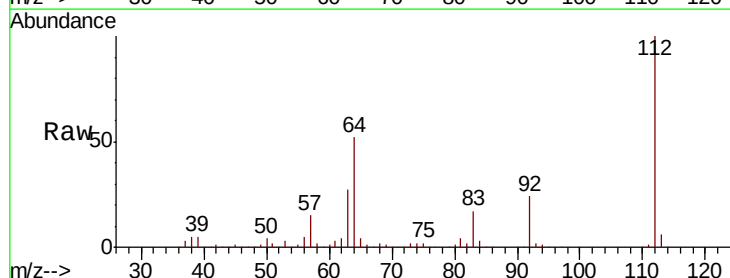
Time-->



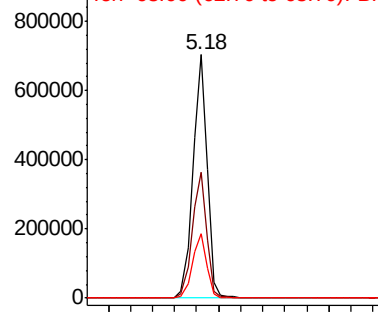
#5

2-Fluorophenol
Concen: 48.175 ng
RT: 5.18 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF115243.D
Acq: 27 Jun 2019 19:36

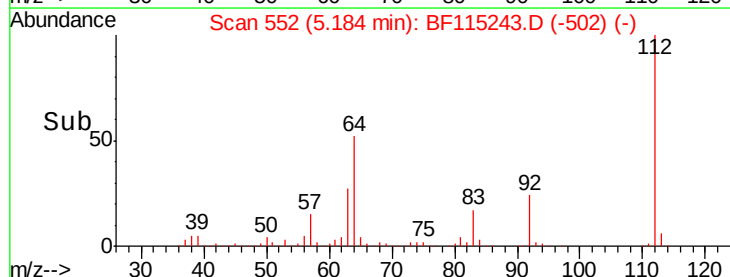
Tgt Ion:112 Resp: 630724
Ion Ratio Lower Upper
112 100
64 51.9 43.8 65.6
63 26.7 22.2 33.4

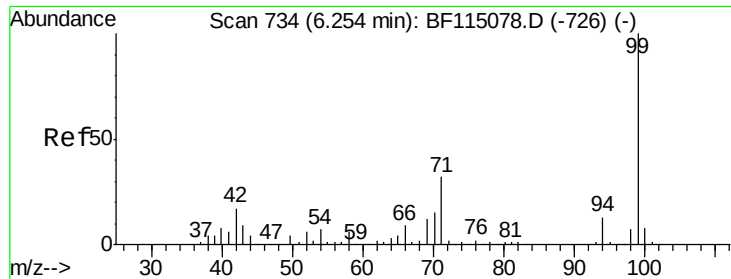


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



Time-->





#7

Phenol-d6

Concen: 55.479 ng

RT: 6.23 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF115243.D

Acq: 27 Jun 2019 19:36

Instrument :

BNA_F

ClientSampleId :

SAMPLE-8

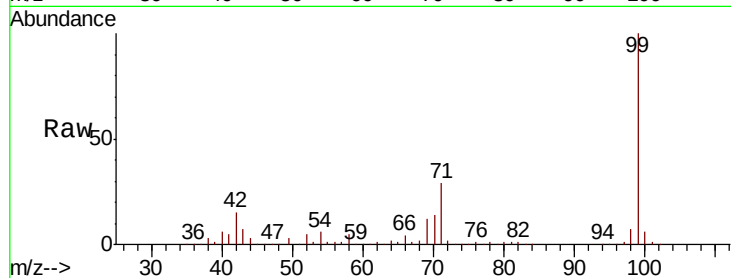
Tot Ion: 99 Resp: 881616

Ion Ratio Lower Upper

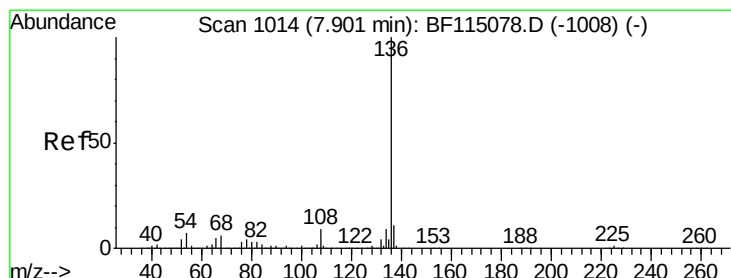
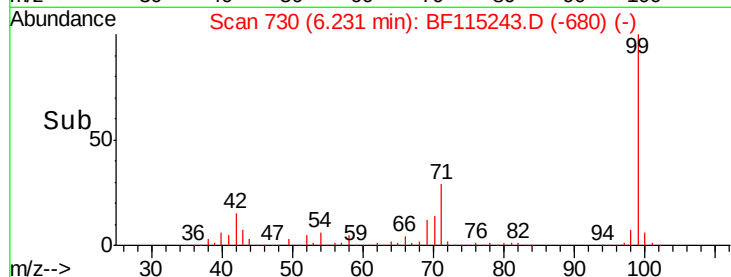
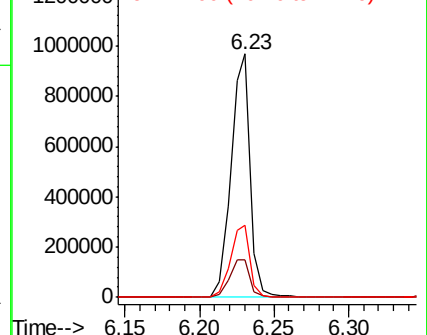
99 100

42 15.2 13.6 20.4

71 29.4 25.5 38.3



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: 7.88 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF115243.D

Acq: 27 Jun 2019 19:36

Tgt Ion: 136 Resp: 743450

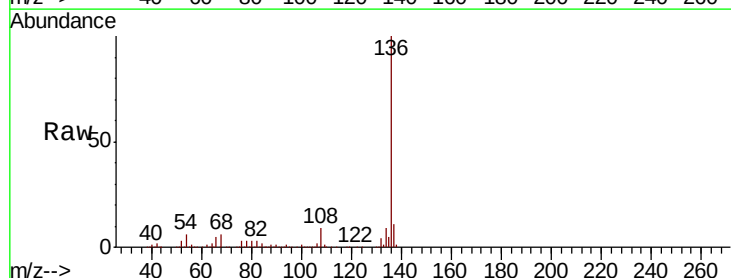
Ion Ratio Lower Upper

136 100

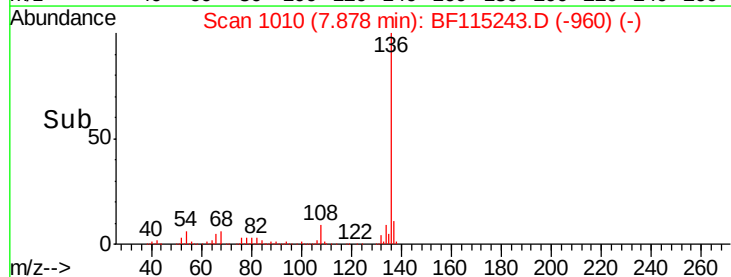
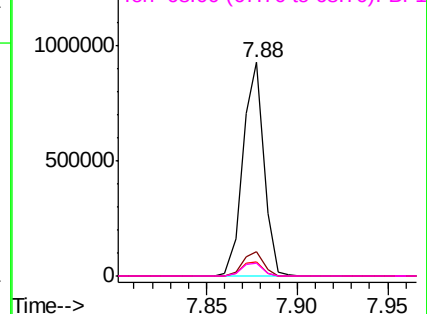
137 11.1 8.9 13.3

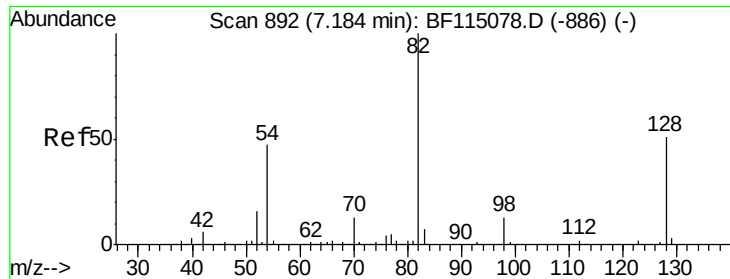
54 6.3 5.6 8.4

68 5.8 4.8 7.2



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

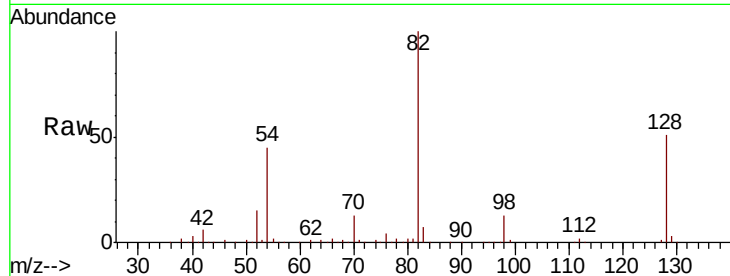




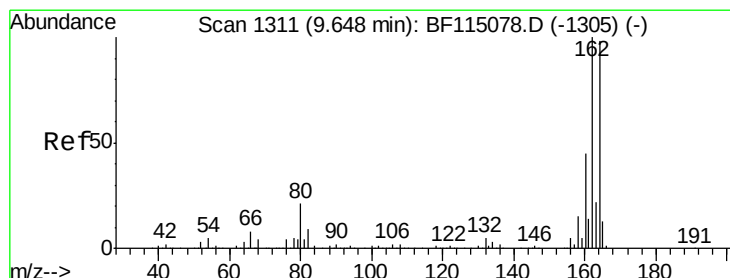
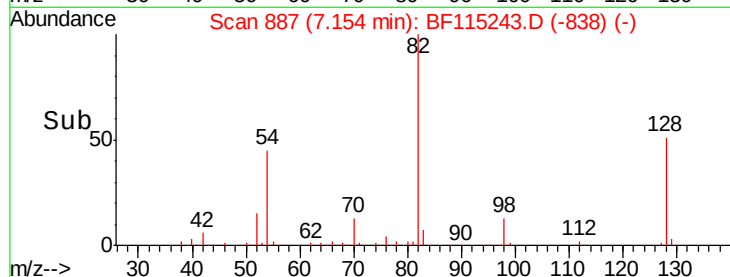
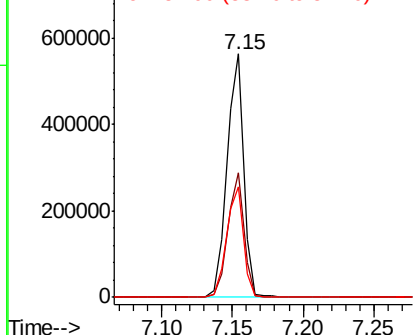
#23
 Nitrobenzene-d5
 Concen: 38.199 ng
 RT: 7.15 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BF115243.D
 Acq: 27 Jun 2019 19:36

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-8

Tot Ion	82	Resp	461656
Ion Ratio	100		
Lower	40.4		
Upper	60.6		
54	45.2		56.3

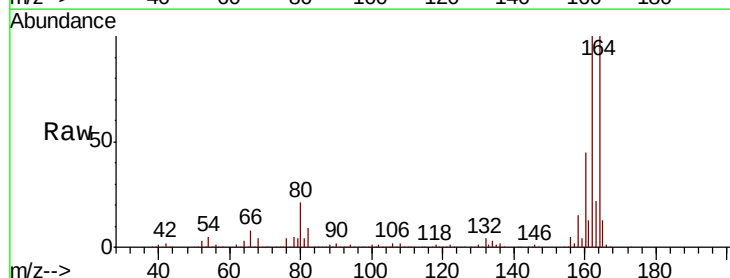


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

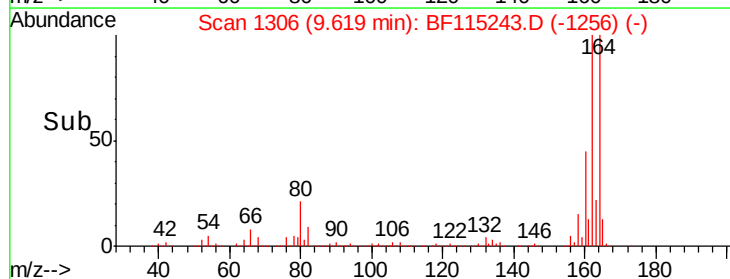
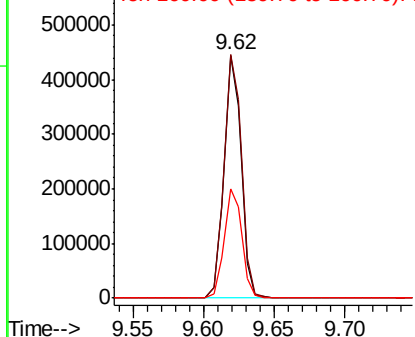


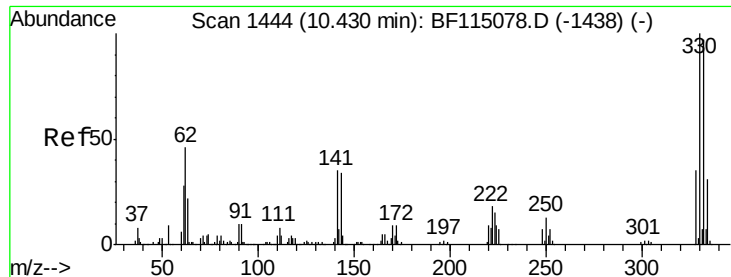
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.62 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF115243.D
 Acq: 27 Jun 2019 19:36

Tgt Ion	164	Resp	373917
Ion Ratio	100		
Lower	81.7		
Upper	122.5		
162	100.2		55.4
160	44.8		



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

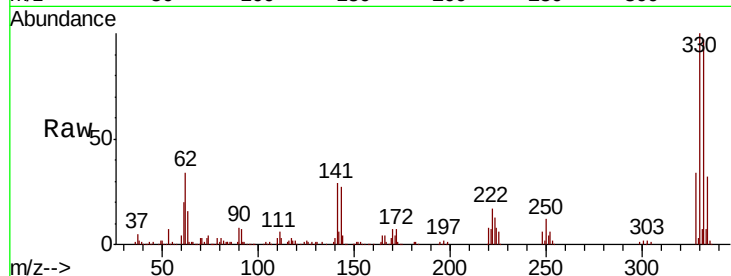




#42
 2,4,6-Tribromophenol
 Concen: 57.013 ng
 RT: 10.40 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF115243.D
 Acq: 27 Jun 2019 19:36

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-8

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	34.1	28.2	42.2

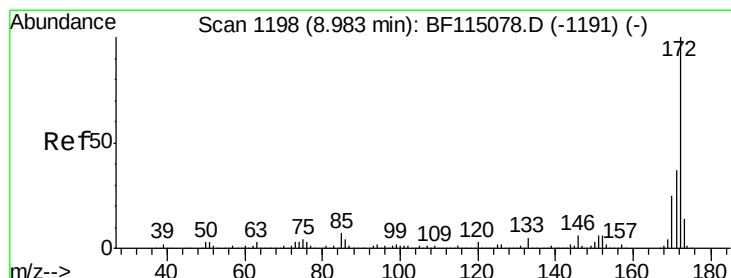
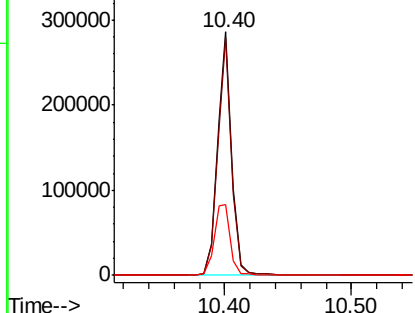
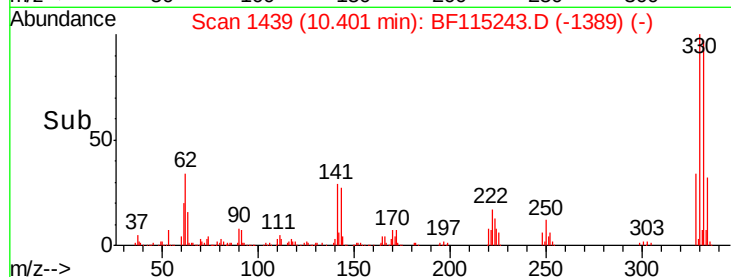


Abundance

Ion 329.80 (329.50 to 330.50): E

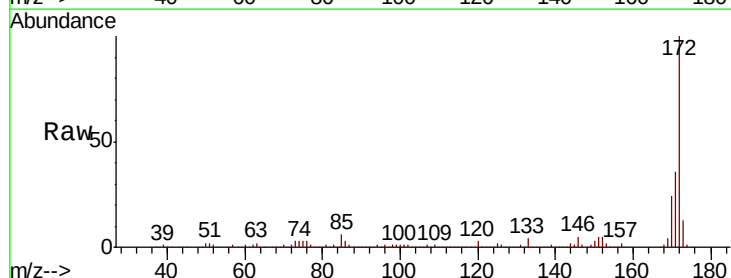
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 40.971 ng
 RT: 8.95 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF115243.D
 Acq: 27 Jun 2019 19:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.8	44.6
170	23.8	20.3	30.5

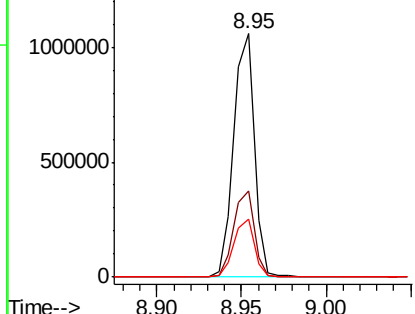
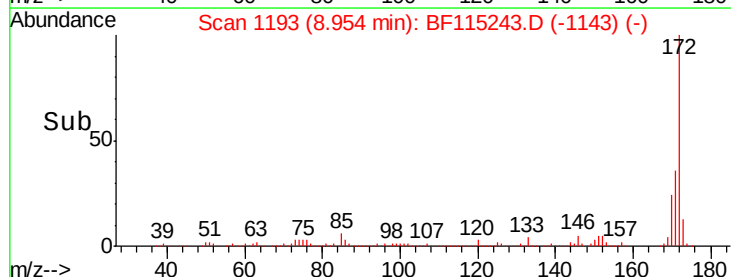


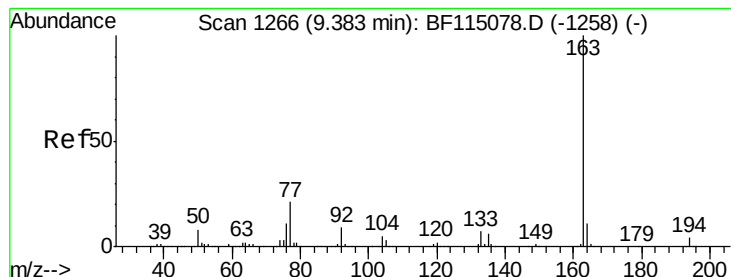
Abundance

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: 4.988 ng

RT: 9.35 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF115243.D

Acq: 27 Jun 2019 19:36

Instrument :

BNA_F

ClientSampleId :

SAMPLE-8

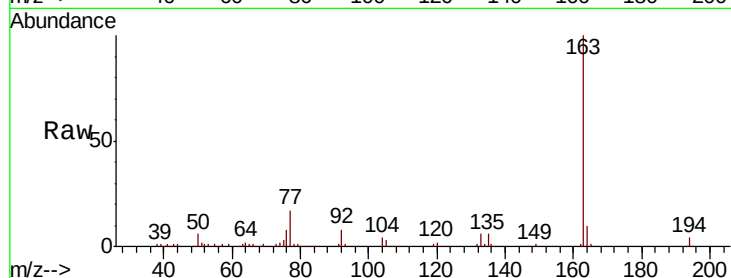
Tot Ion:163 Resp: 137207

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

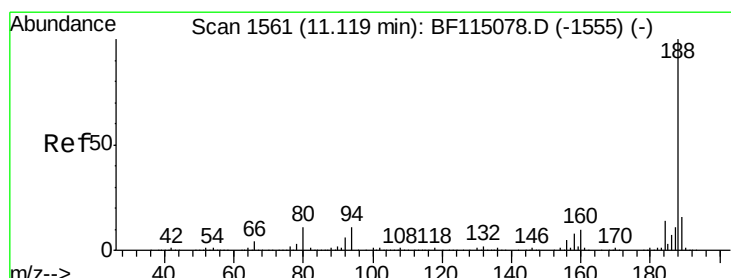
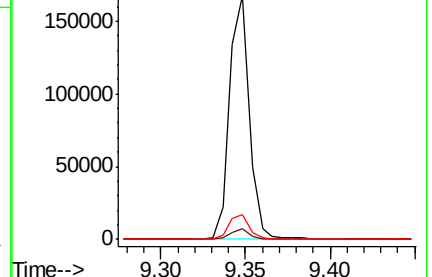
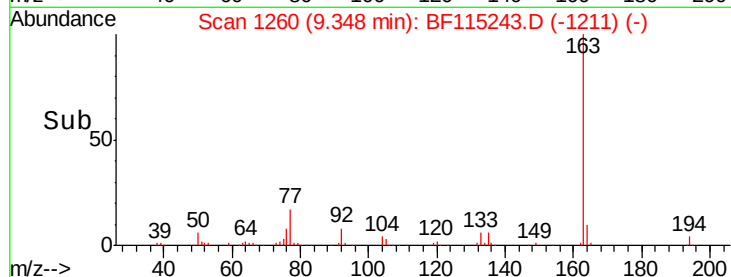
164 10.1 8.6 13.0



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: 11.09 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF115243.D

Acq: 27 Jun 2019 19:36

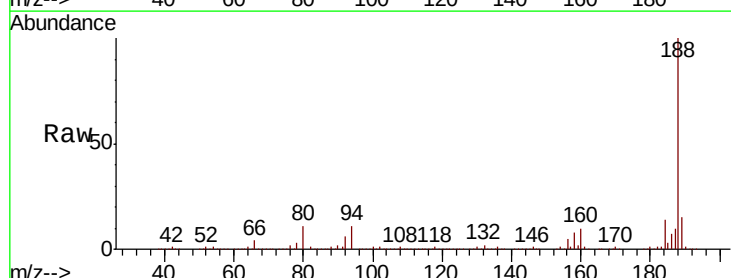
Tgt Ion:188 Resp: 748122

Ion Ratio Lower Upper

188 100

94 10.6 8.6 12.8

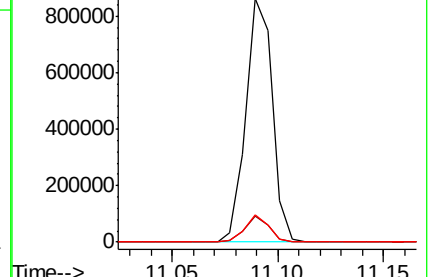
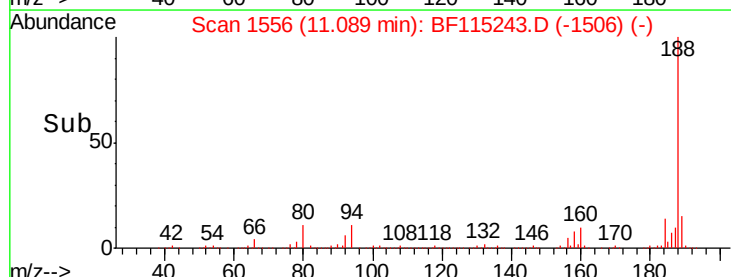
80 11.1 8.8 13.2

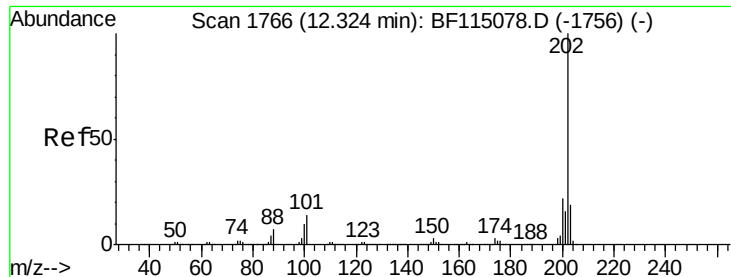


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Fluoranthene

Concen: 2.976 ng

RT: 12.29 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BF115243.D

Acq: 27 Jun 2019 19:36

Instrument :

BNA_F

ClientSampleId :

SAMPLE-8

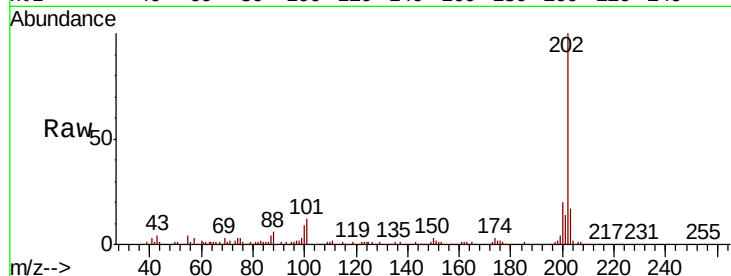
Tot Ion:202 Resp: 119614

Ion Ratio Lower Upper

202 100

101 12.4 0.0 34.0

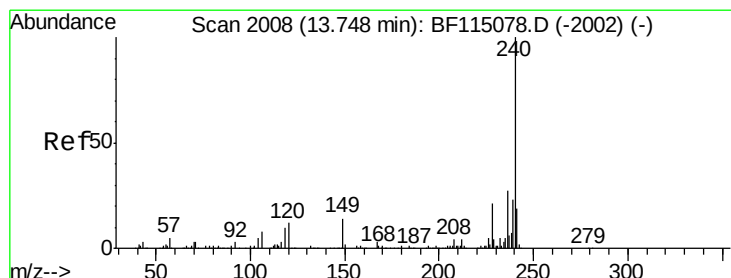
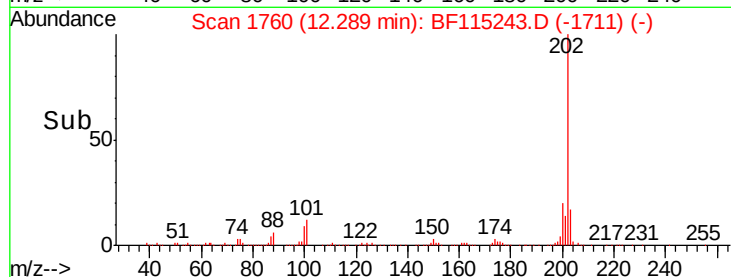
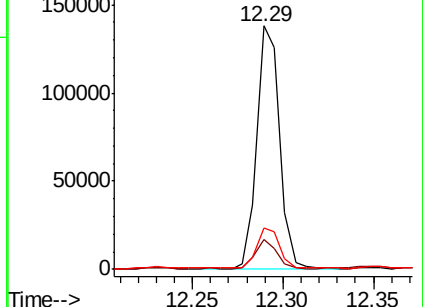
203 17.1 0.0 38.8



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: 13.71 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF115243.D

Acq: 27 Jun 2019 19:36

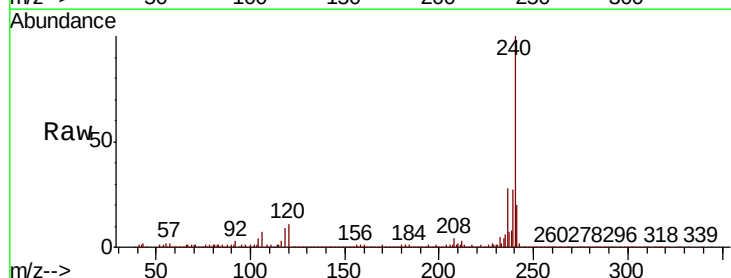
Tgt Ion:240 Resp: 704296

Ion Ratio Lower Upper

240 100

120 10.6 9.4 14.2

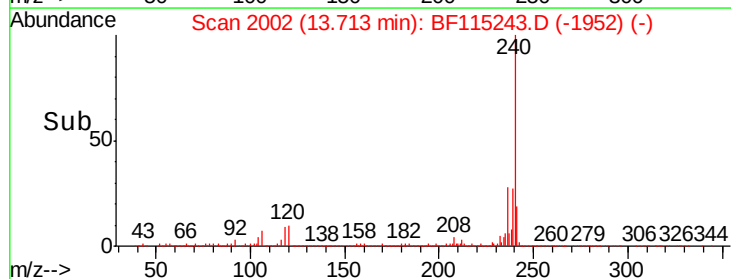
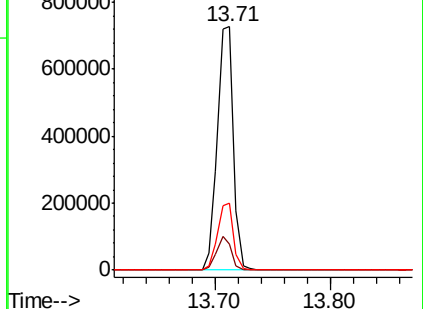
236 27.6 21.7 32.5

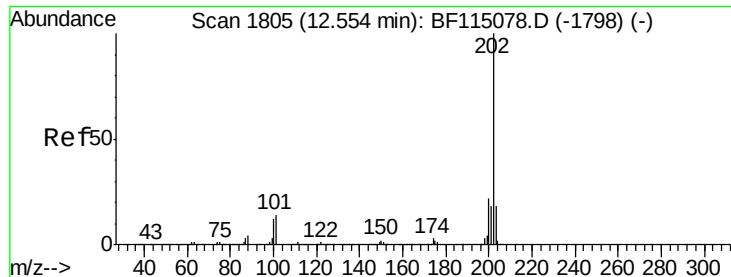


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.311 ng

RT: 12.52 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF115243.D

Acq: 27 Jun 2019 19:36

Instrument :

BNA_F

ClientSampleId :

SAMPLE-8

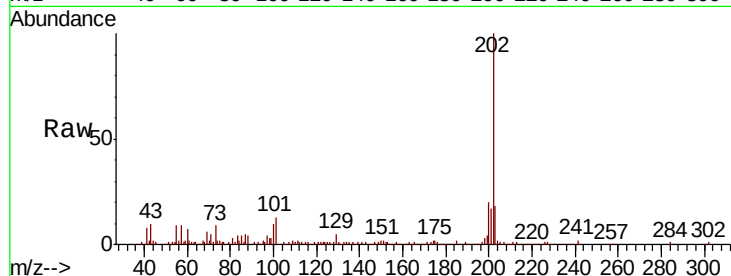
Tot Ion:202 Resp: 125084

Ion Ratio Lower Upper

202 100

200 19.9 17.9 26.9

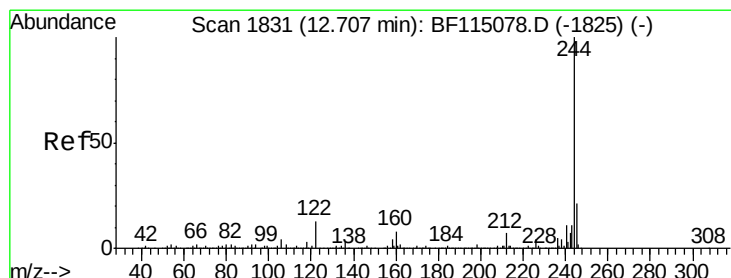
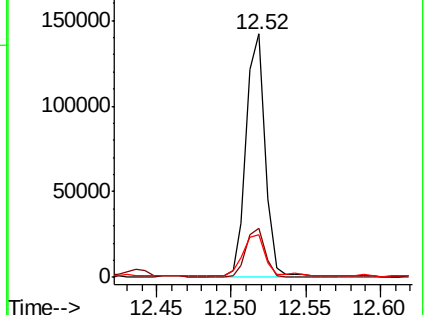
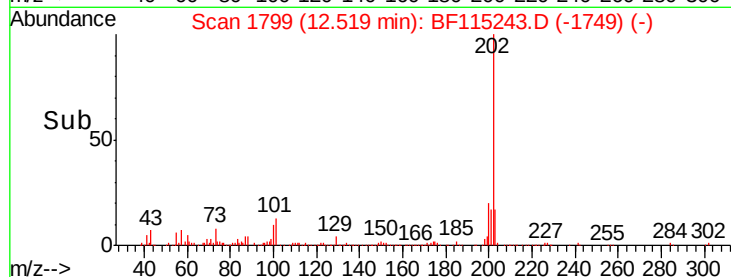
203 17.6 14.6 21.8



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: 35.460 ng

RT: 12.67 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF115243.D

Acq: 27 Jun 2019 19:36

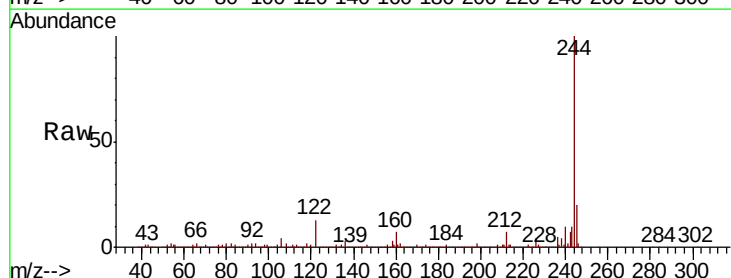
Tgt Ion:244 Resp: 1174619

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

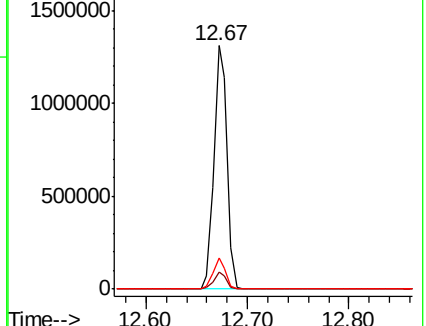
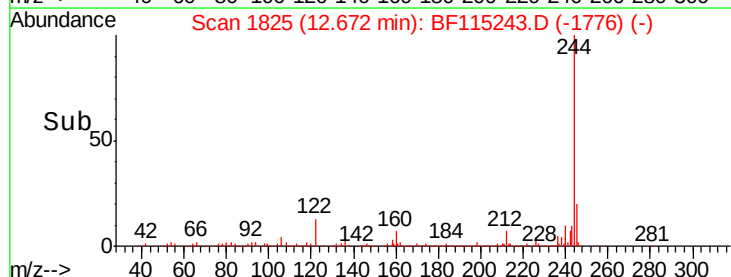
122 12.8 10.4 15.6

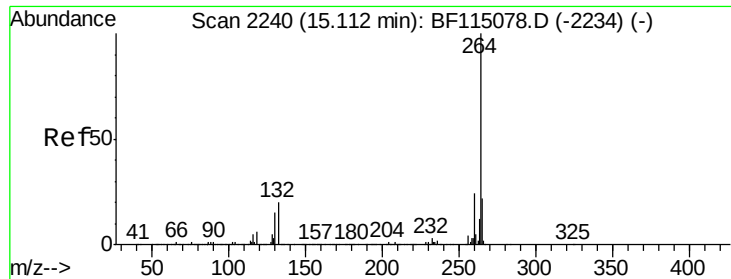


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.07 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF115243.D
Acq: 27 Jun 2019 19:36

Instrument :
BNA_F
ClientSampleId :
SAMPLE-8

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.6	29.4
265	22.2	17.3	25.9

