

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116153.D
 Acq On : 10 Aug 2019 17:14
 Operator : HP/JU
 Sample : K4294-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-5124

Quant Time: Aug 12 02:14:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

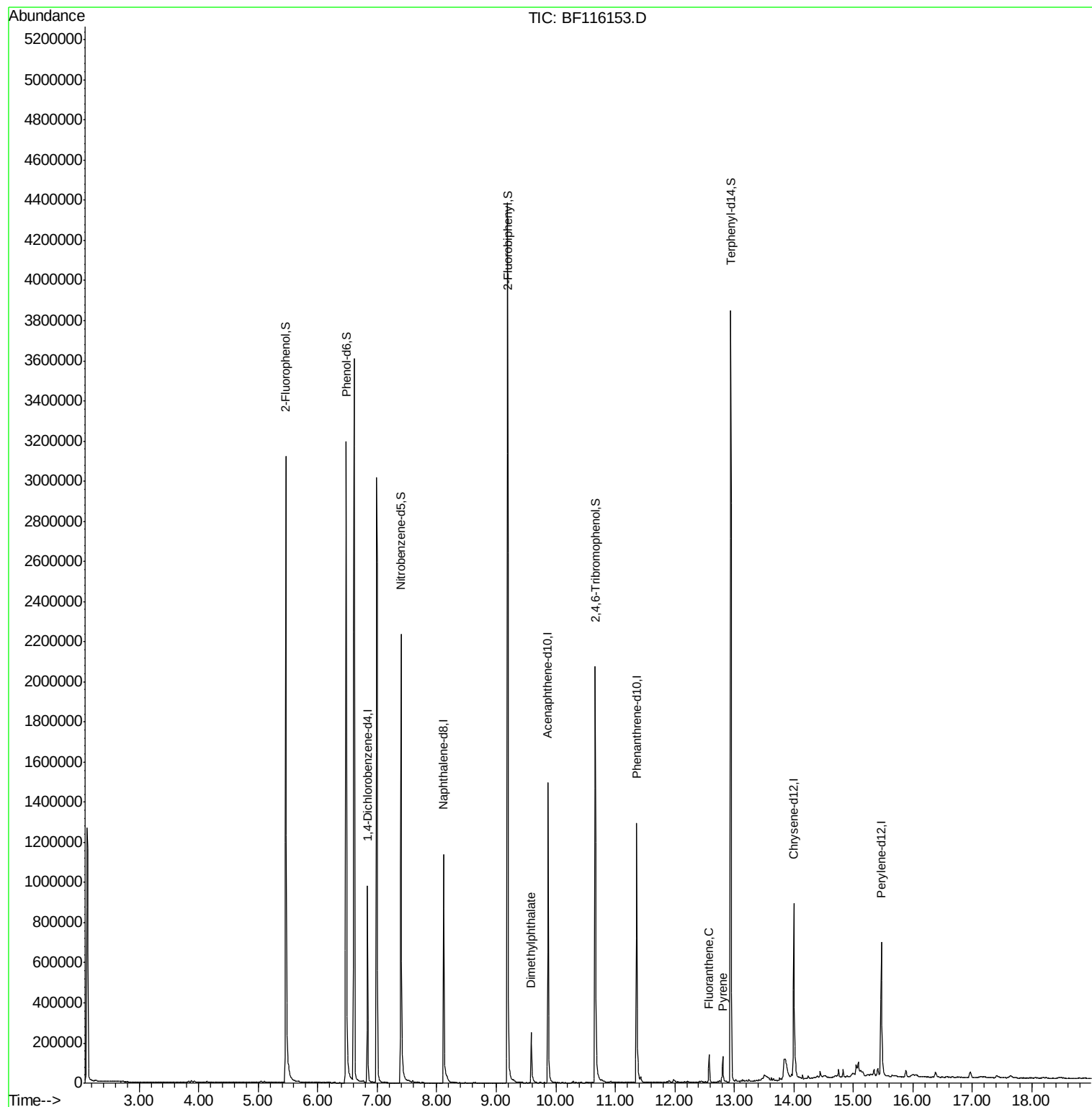
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	156833	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	611225	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	322530	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	548555	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	315880	20.00	ng	-0.01
87) Perylene-d12	15.47	264	360051	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1040026	111.01	ng	0.00
7) Phenol-d6	6.48	99	1356742	114.78	ng	0.00
23) Nitrobenzene-d5	7.40	82	897832	84.79	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	296580	94.84	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1492873	86.70	ng	-0.01
79) Terphenyl-d14	12.94	244	1459438	97.36	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.59	163	150828	6.868	ng	98
75) Fluoranthene	12.57	202	66798	2.275	ng	99
78) Pyrene	12.80	202	56759	2.384	ng	98

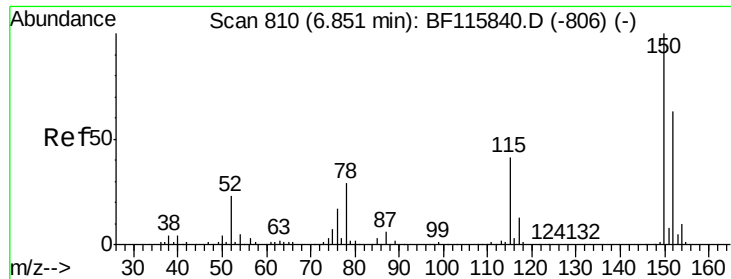
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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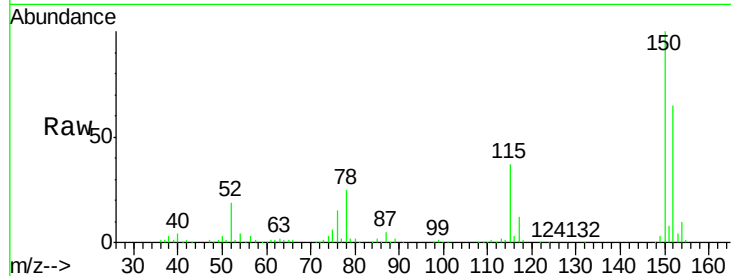


#1

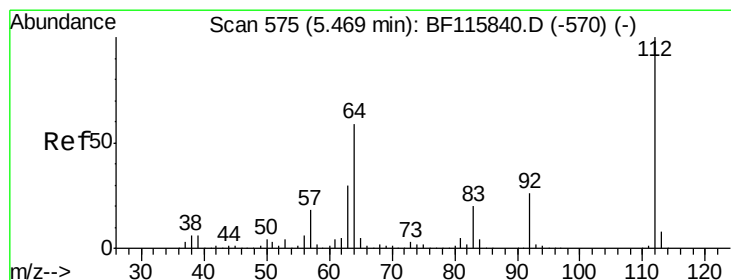
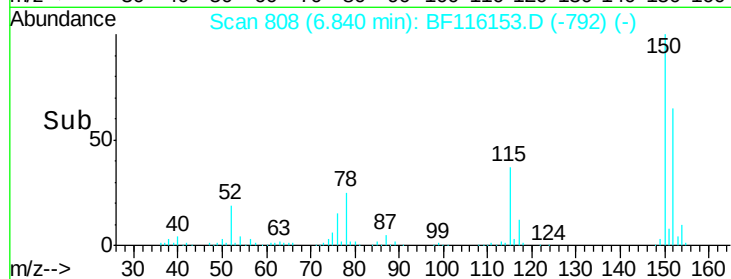
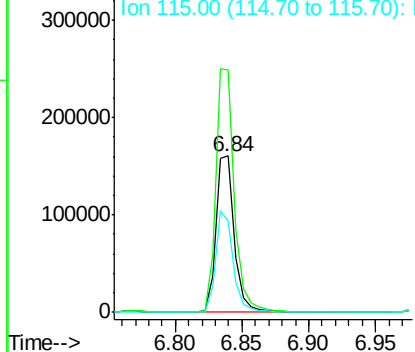
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116153.D
Acq: 10 Aug 2019 17:14

Instrument :
BNA_F
ClientSampleId :
RT-5124

Tot Ion:152 Resp: 156833
Ion Ratio Lower Upper
152 100
150 154.7 126.2 189.2
115 58.0 49.9 74.9



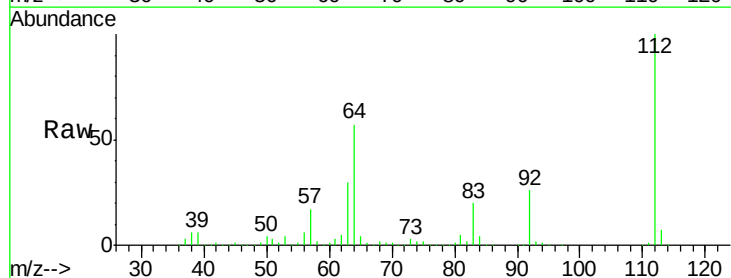
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



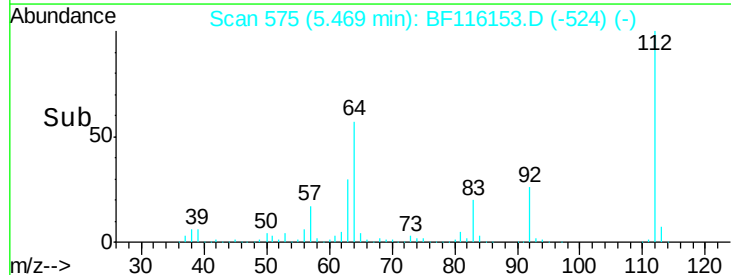
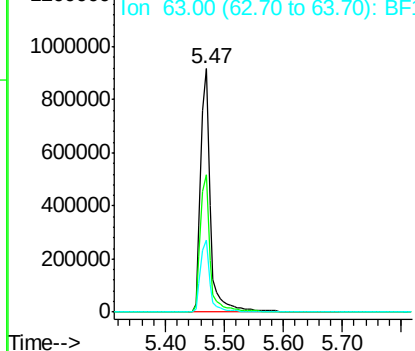
#5

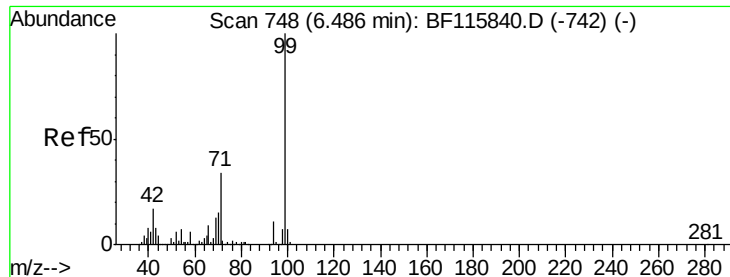
2-Fluorophenol
Concen: 111.014 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF116153.D
Acq: 10 Aug 2019 17:14

Tgt Ion:112 Resp: 1040026
Ion Ratio Lower Upper
112 100
64 56.6 45.4 68.2
63 29.7 23.7 35.5



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: 114.785 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116153.D

Acq: 10 Aug 2019 17:14

Instrument :

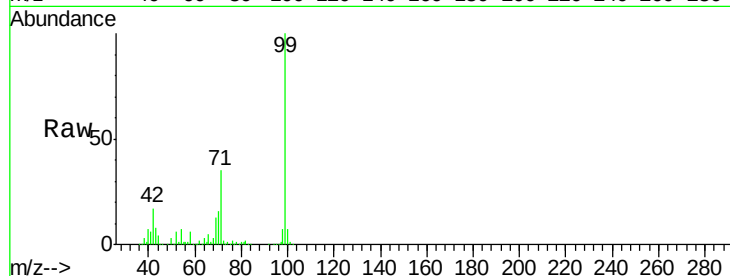
BNA_F

ClientSampleId :

RT-5124

Tot Ion: 99 Resp: 1356742

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.8	20.8
71	34.9	27.3	40.9

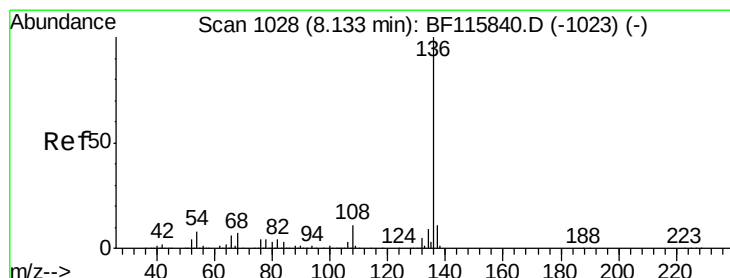
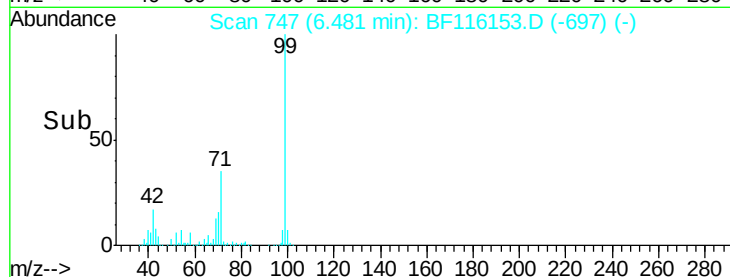


Abundance

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: 8.12 min Scan# 1025

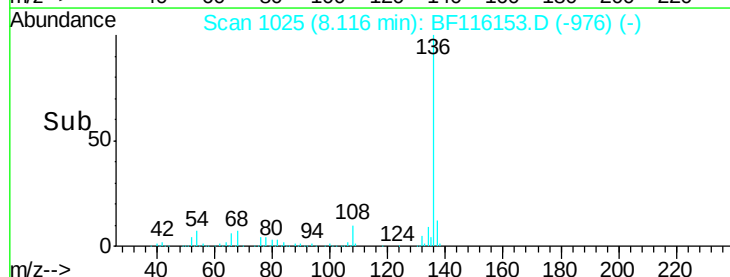
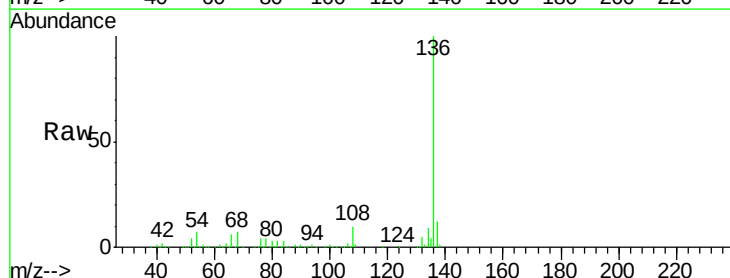
Delta R.T. -0.01 min

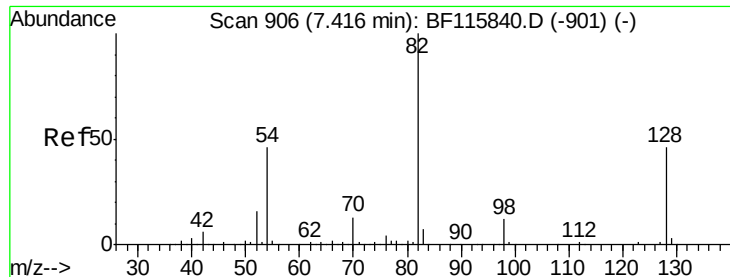
Lab File: BF116153.D

Acq: 10 Aug 2019 17:14

Tgt Ion: 136 Resp: 611225

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	7.5	5.8	8.6
68	6.5	5.2	7.8

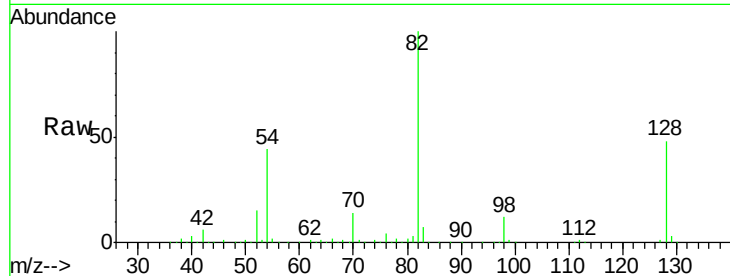




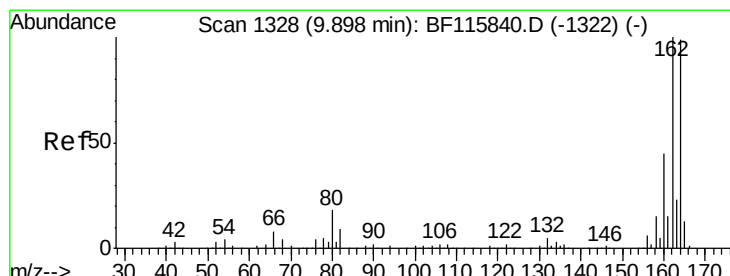
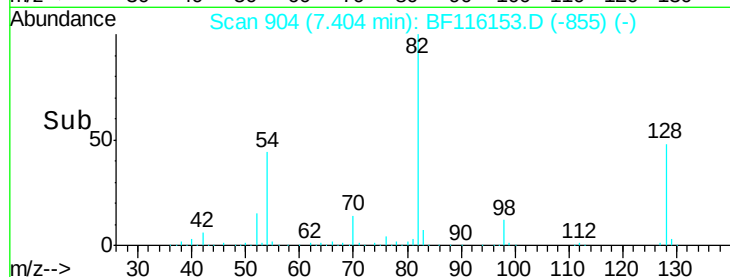
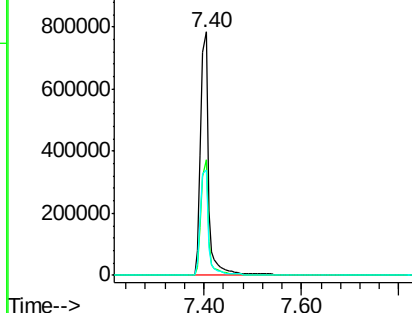
#23
Nitrobenzene-d5
Concen: 84.790 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116153.D
Acq: 10 Aug 2019 17:14

Instrument :
BNA_F
ClientSampled :
RT-5124

Tot Ion: 82 Resp: 897832
Ion Ratio Lower Upper
82 100
128 47.6 36.5 54.7
54 43.5 36.0 54.0

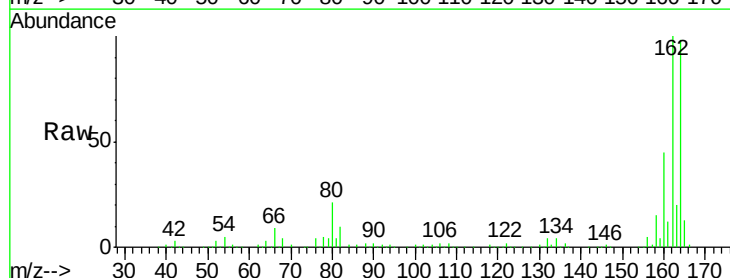


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

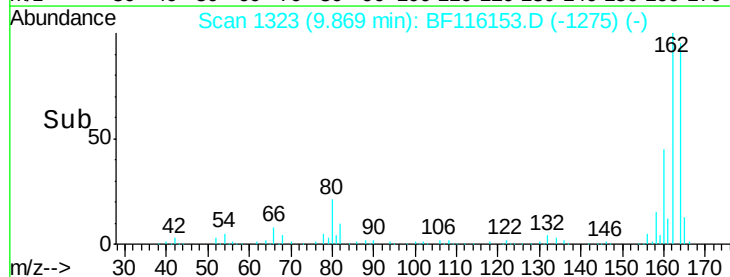
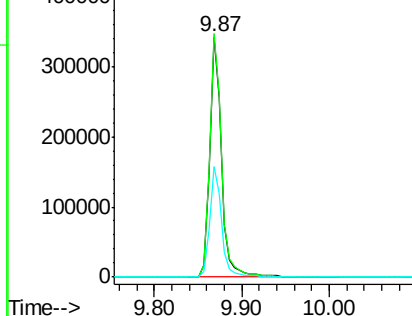


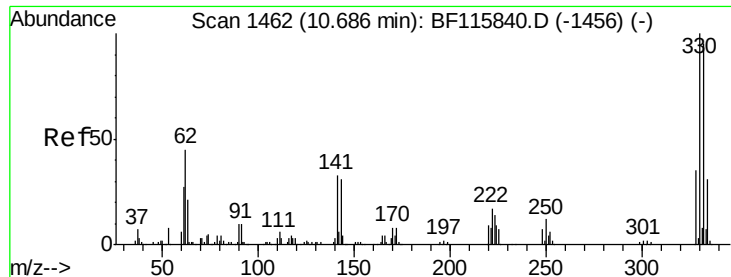
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116153.D
Acq: 10 Aug 2019 17:14

Tgt Ion: 164 Resp: 322530
Ion Ratio Lower Upper
164 100
162 101.5 82.6 124.0
160 45.9 37.6 56.4



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: 94.844 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116153.D

Acq: 10 Aug 2019 17:14

Instrument :

BNA_F

ClientSampleId :

RT-5124

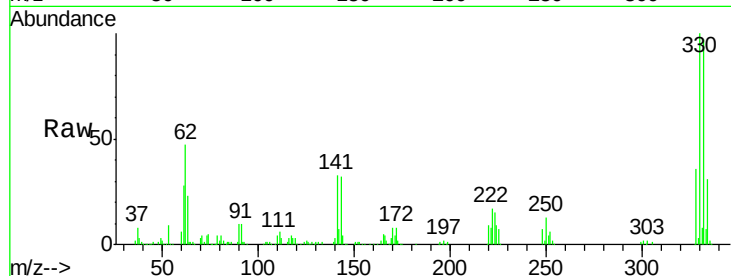
Tot Ion:330 Resp: 296580

Ion Ratio Lower Upper

330 100

332 97.3 76.8 115.2

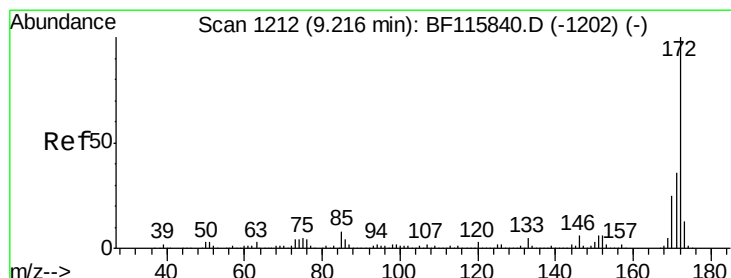
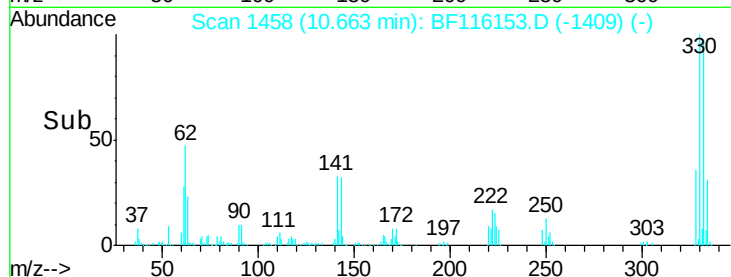
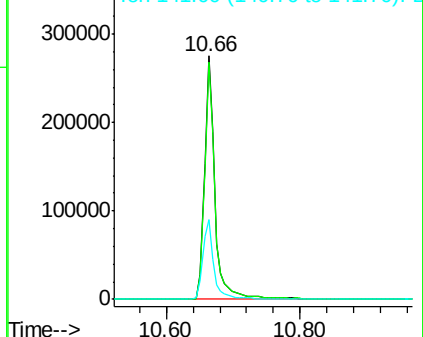
141 34.0 26.3 39.5



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: 86.698 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116153.D

Acq: 10 Aug 2019 17:14

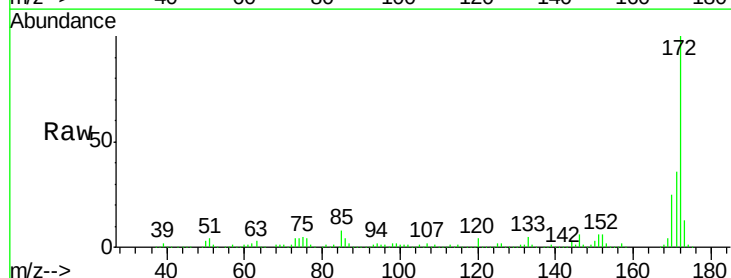
Tgt Ion:172 Resp: 1492873

Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

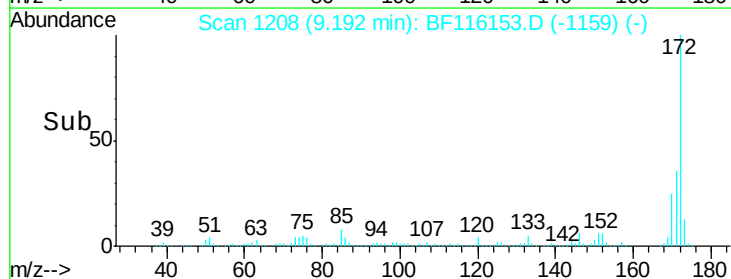
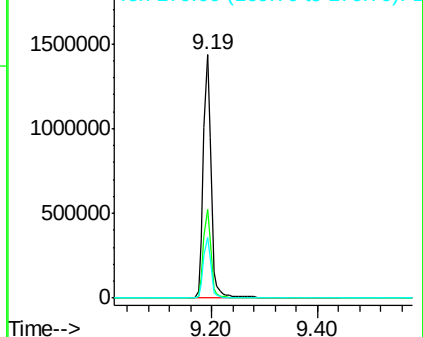
170 24.8 20.1 30.1

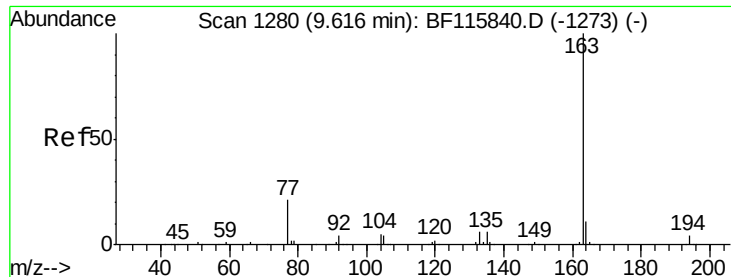


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.868 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF116153.D

Acq: 10 Aug 2019 17:14

Instrument :

BNA_F

ClientSampleId :

RT-5124

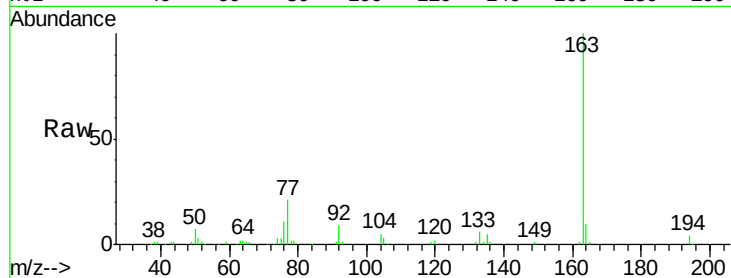
Tot Ion:163 Resp: 150828

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

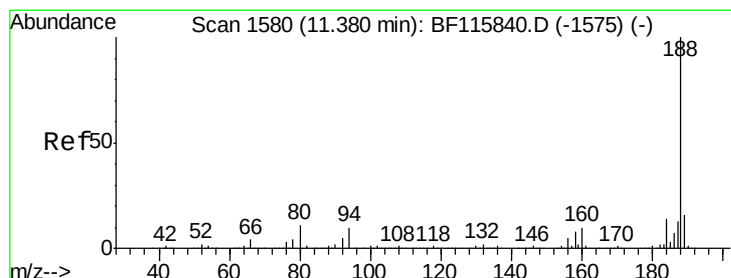
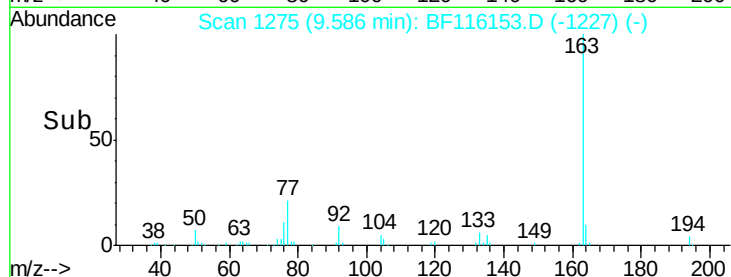
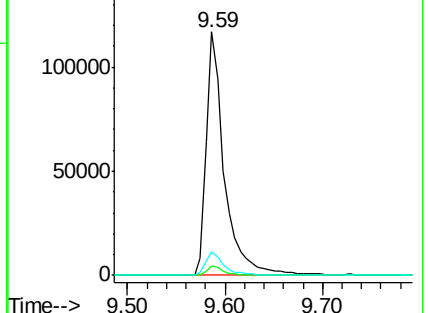
164 9.7 8.4 12.6



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: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116153.D

Acq: 10 Aug 2019 17:14

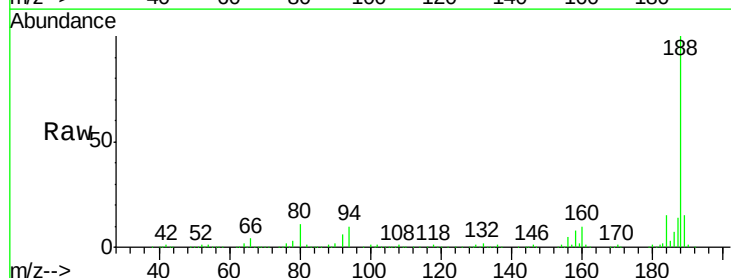
Tgt Ion:188 Resp: 548555

Ion Ratio Lower Upper

188 100

94 10.0 8.1 12.1

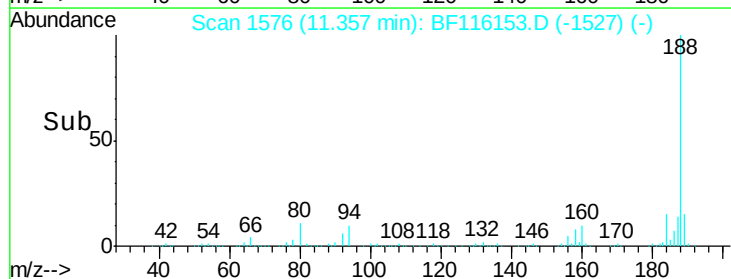
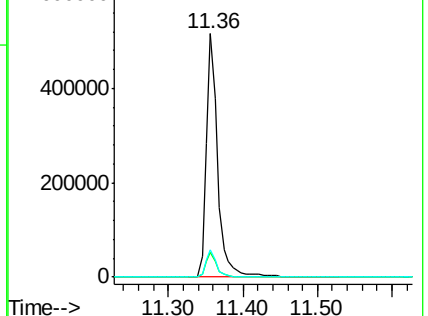
80 11.1 8.7 13.1

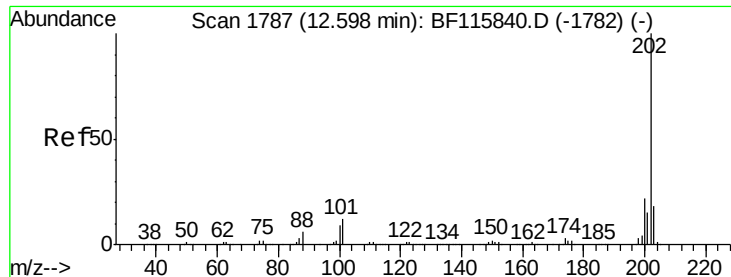


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Fluoranthene

Concen: 2.275 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF116153.D

Acq: 10 Aug 2019 17:14

Instrument :

BNA_F

ClientSampleId :

RT-5124

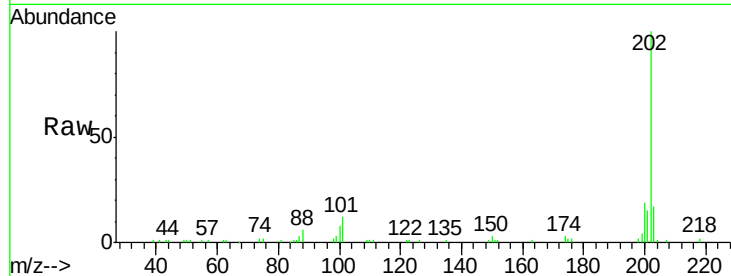
Tot Ion:202 Resp: 66798

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.2

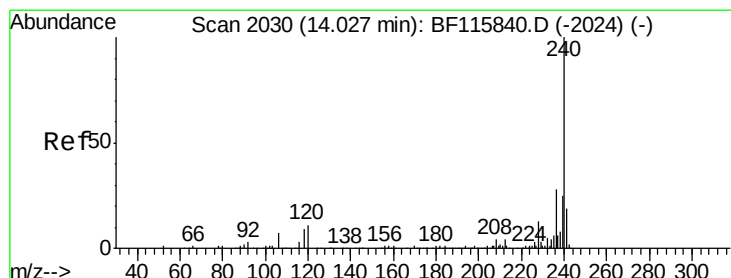
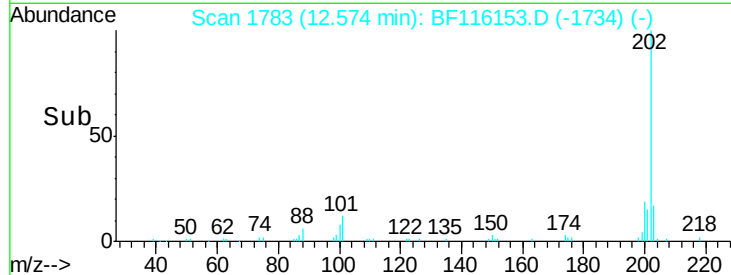
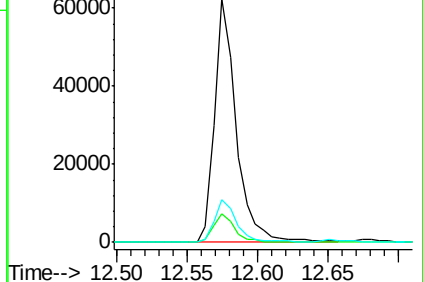
203 17.5 0.0 37.8



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: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF116153.D

Acq: 10 Aug 2019 17:14

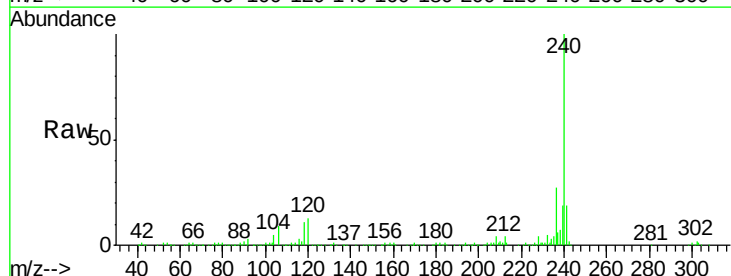
Tgt Ion:240 Resp: 315880

Ion Ratio Lower Upper

240 100

120 12.5 10.7 16.1

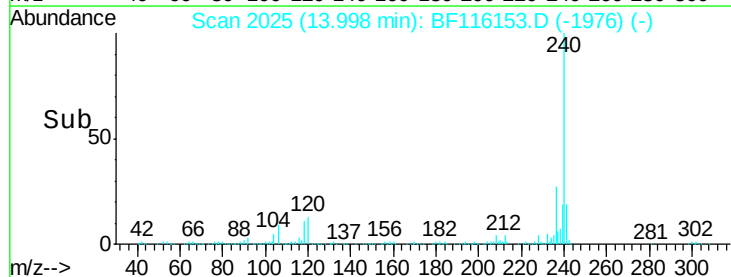
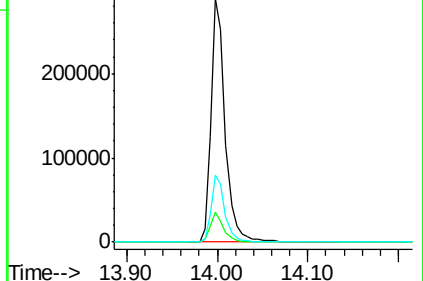
236 27.4 22.2 33.2

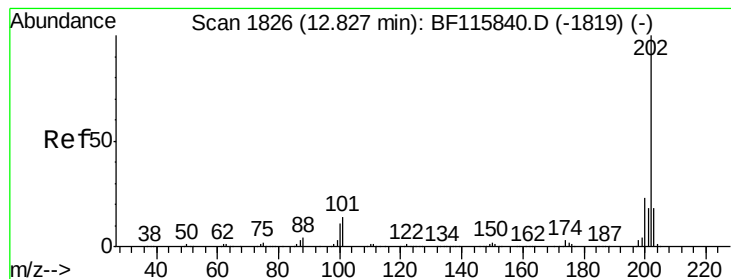


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.384 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF116153.D

Acq: 10 Aug 2019 17:14

Instrument :

BNA_F

ClientSampleId :

RT-5124

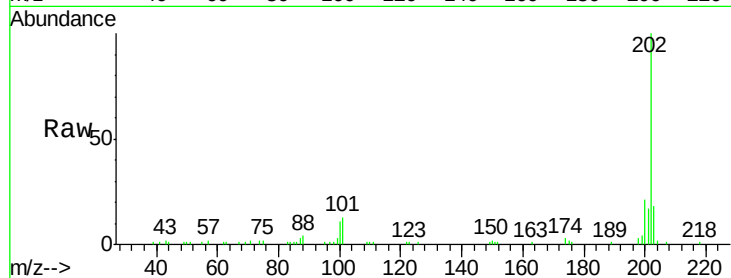
Tot Ion:202 Resp: 56759

Ion Ratio Lower Upper

202 100

200 20.8 18.0 27.0

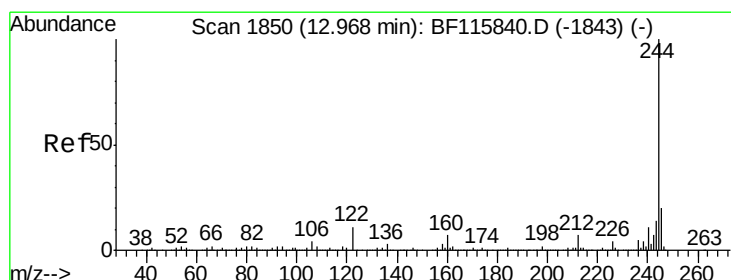
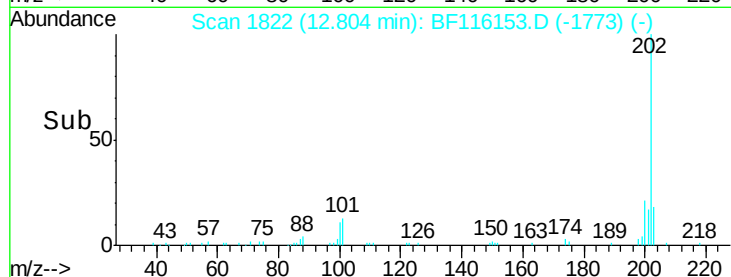
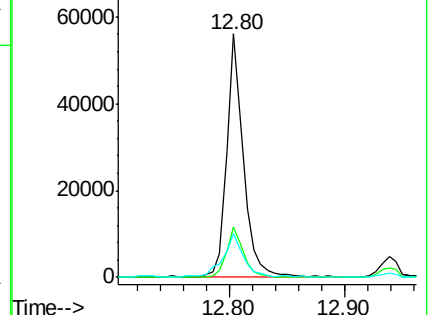
203 18.0 14.1 21.1



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: 97.356 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116153.D

Acq: 10 Aug 2019 17:14

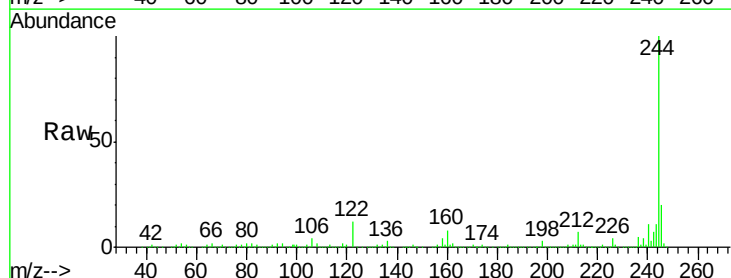
Tgt Ion:244 Resp: 1459438

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

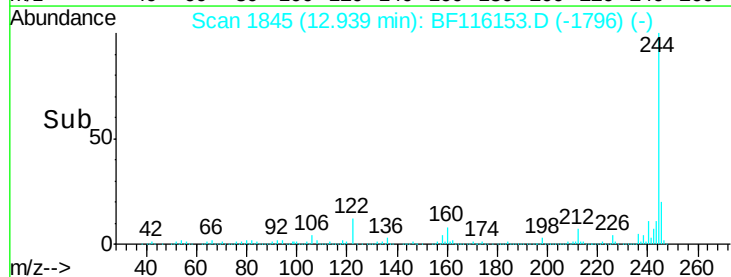
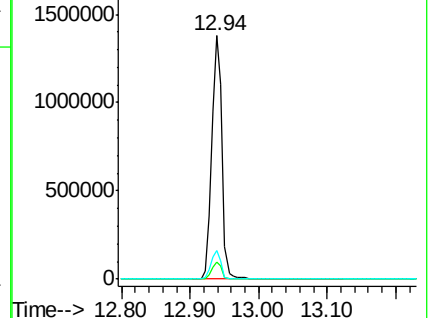
122 11.8 9.0 13.4

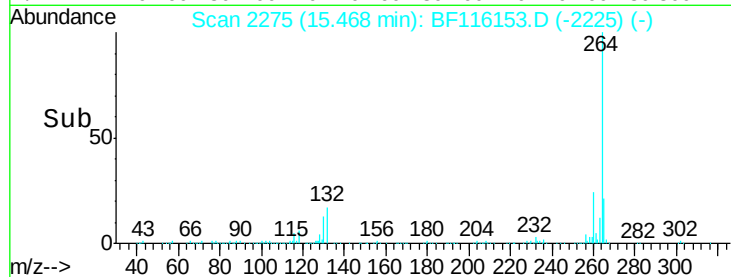
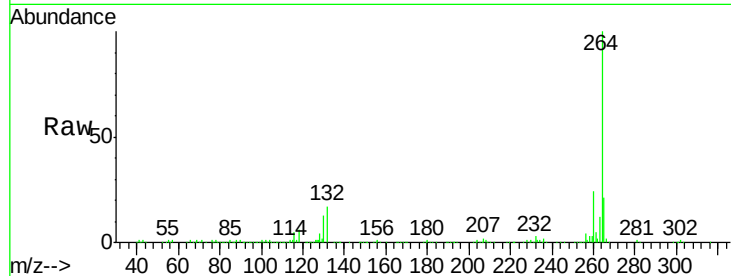
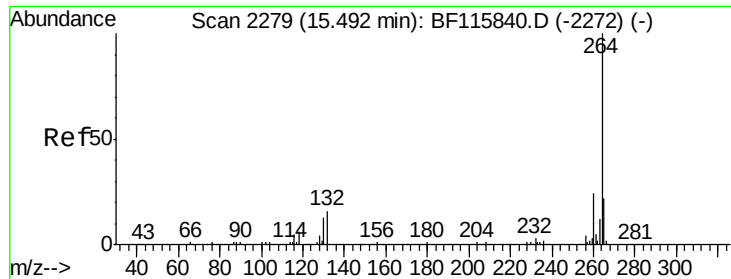


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116153.D
Acq: 10 Aug 2019 17:14

Instrument :
BNA_F
ClientSampleId :
RT-5124

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.7	29.5
265	21.1	17.4	26.0

