

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
 Data File : BF121282.D
 Acq On : 13 Aug 2020 21:10
 Operator : JU/CG
 Sample : L3508-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-081220

Quant Time: Aug 14 01:36:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 13 15:23:26 2020
 Response via : Initial Calibration

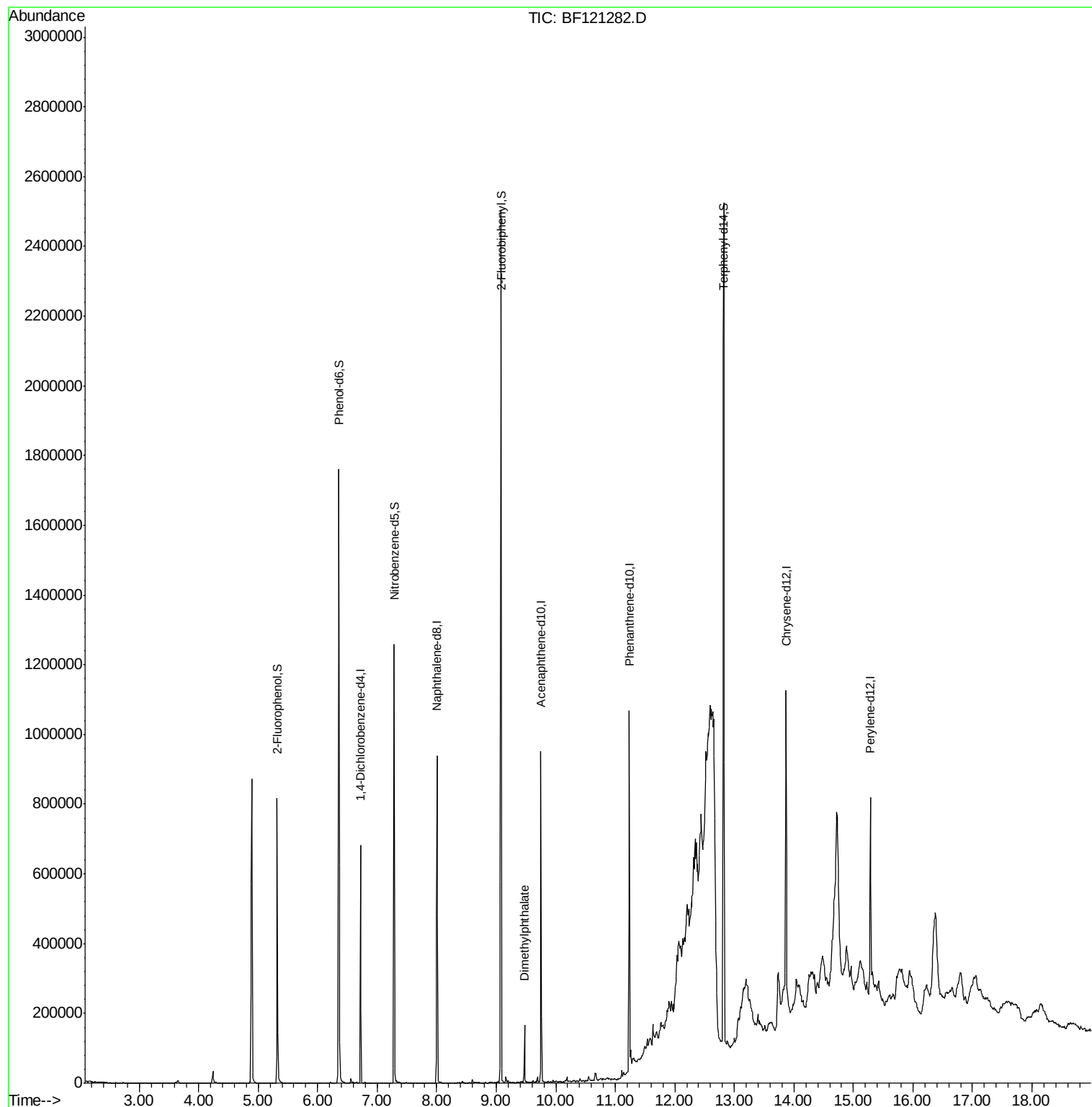
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	96981	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	368858	40.00	ng	0.00
39) Acenaphthene-d10	9.75	164	191864	40.00	ng	0.00
64) Phenanthrene-d10	11.23	188	366282	40.00	ng	0.00
76) Chrysene-d12	13.87	240	274995	40.00	ng	0.00
86) Perylene-d12	15.29	264	240333	40.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	233407	72.98	ng	0.01
7) Phenol-d6	6.36	99	560441	135.98	ng	0.00
23) Nitrobenzene-d5	7.29	82	381250	112.98	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	2873	2.43	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	739797	106.67	ng	0.00
79) Terphenyl-d14	12.82	244	772614	109.54	ng	0.00
Target Compounds						
10) Phenol	6.37	94	10431	2.333	ng	93
50) Dimethylphthalate	9.47	163	61131	8.468	ng	99
78) Pyrene	12.67	202	25444	2.485	ng	# 22
92) Benzo(g,h,i)perylene	17.06	276	21553	2.853	ng	95

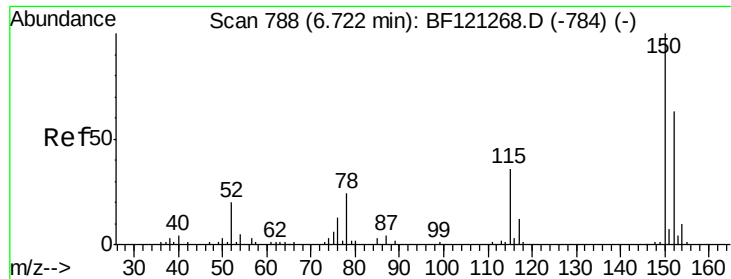
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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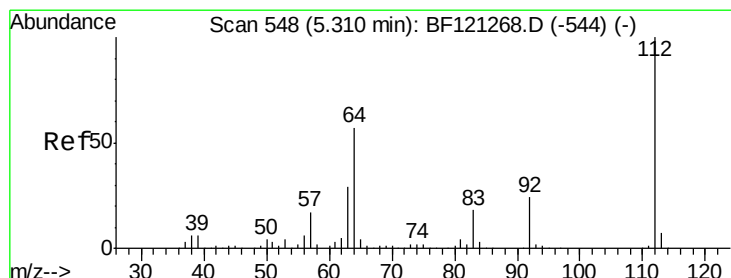
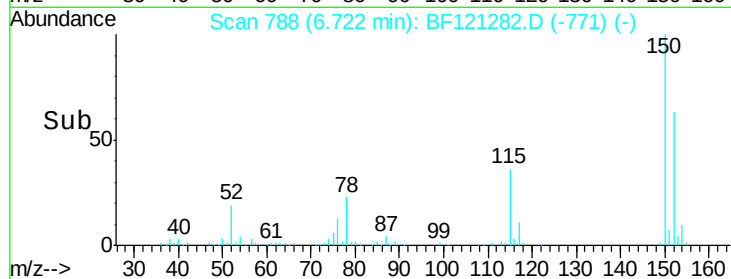
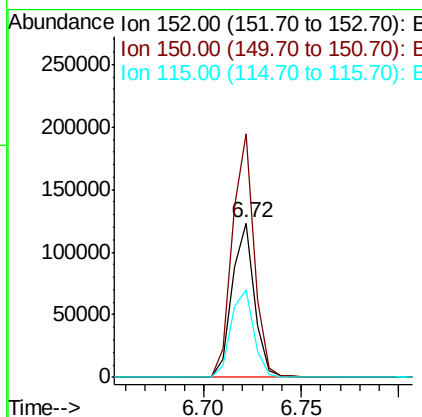
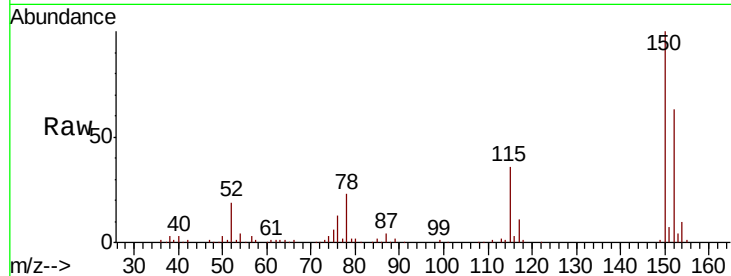




#1
 1,4-Dichlorobenzene-d4
 Concen: 40.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF121282.D
 Acq: 13 Aug 2020 21:10

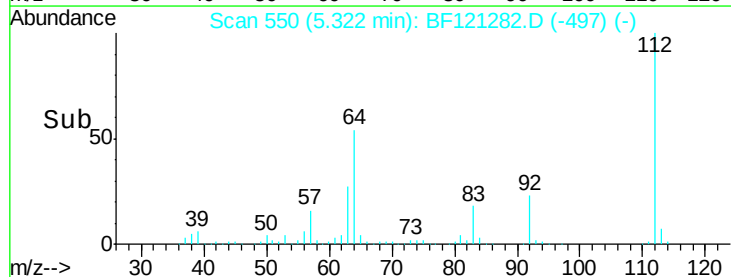
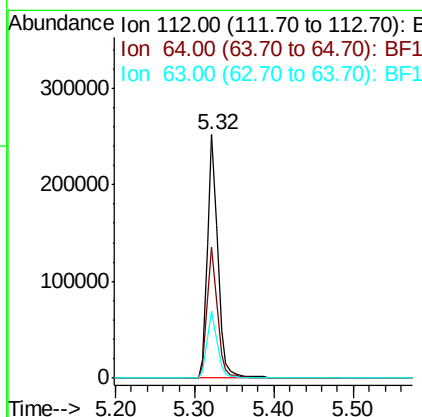
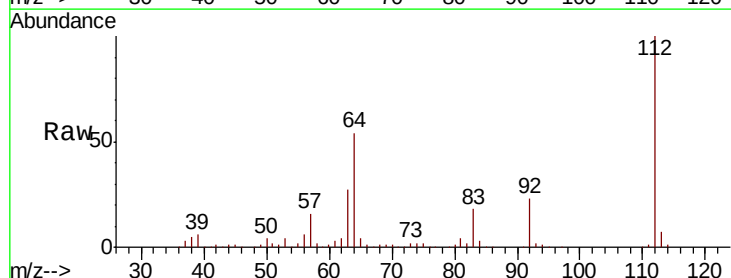
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-081220

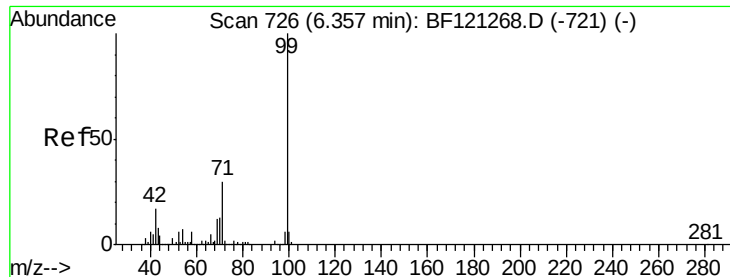
Tot Ion:152 Resp: 96981
 Ion Ratio Lower Upper
 152 100
 150 157.7 129.0 193.6
 115 56.3 49.0 73.4



#5
 2-Fluorophenol
 Concen: 72.975 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF121282.D
 Acq: 13 Aug 2020 21:10

Tgt Ion:112 Resp: 233407
 Ion Ratio Lower Upper
 112 100
 64 53.9 45.4 68.2
 63 27.3 23.0 34.6





#7

Phenol-d6

Concen: 135.975 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF121282.D

Acq: 13 Aug 2020 21:10

Instrument :

BNA_F

ClientSampleId :

TR-04-081220

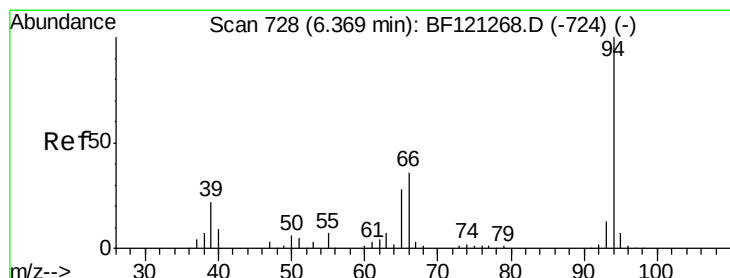
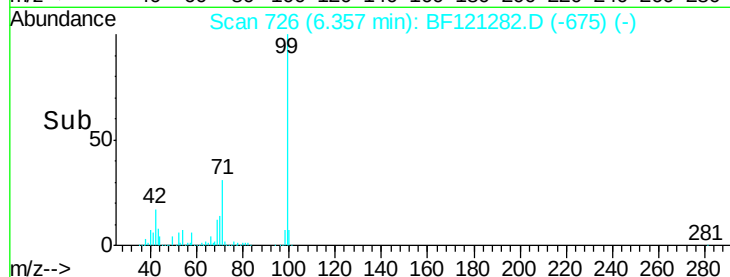
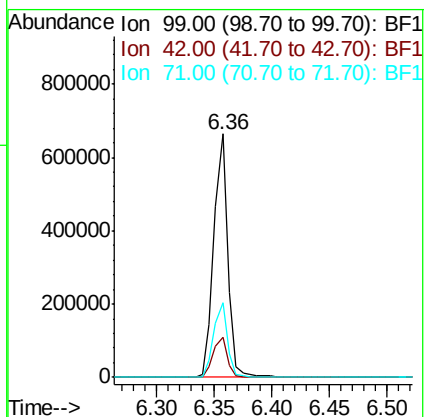
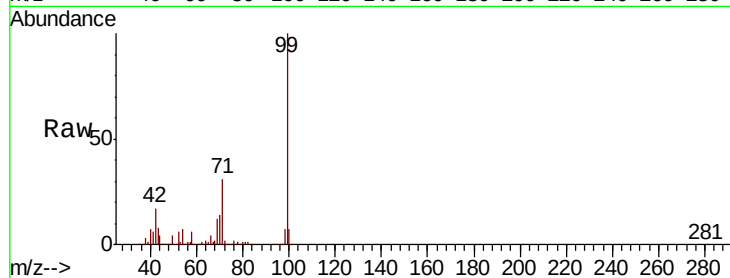
Tot Ion: 99 Resp: 560441

Ion Ratio Lower Upper

99 100

42 16.7 13.1 19.7

71 30.5 23.7 35.5



#10

Phenol

Concen: 2.333 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF121282.D

Acq: 13 Aug 2020 21:10

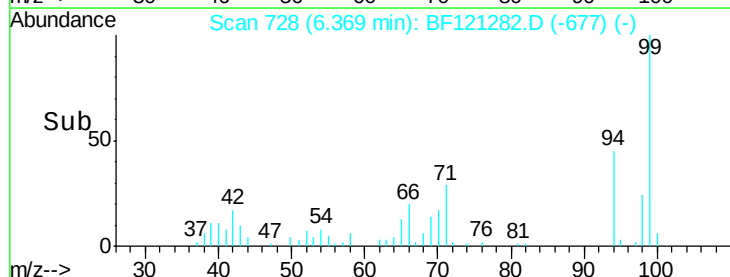
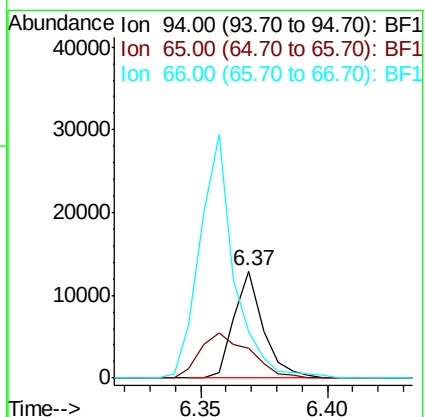
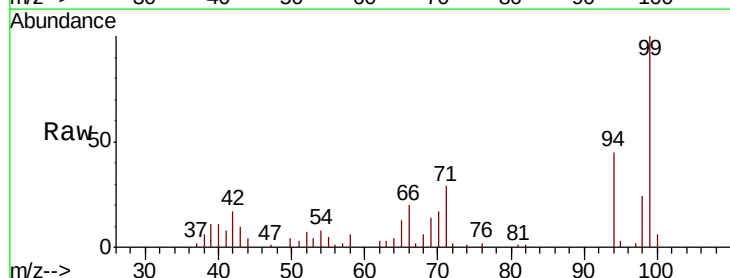
Tgt Ion: 94 Resp: 10431

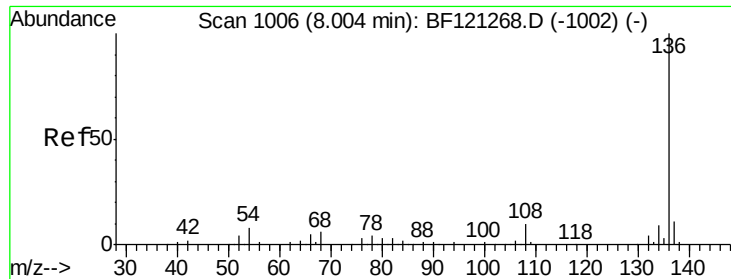
Ion Ratio Lower Upper

94 100

65 27.6 13.0 53.0

66 43.0 26.1 66.1

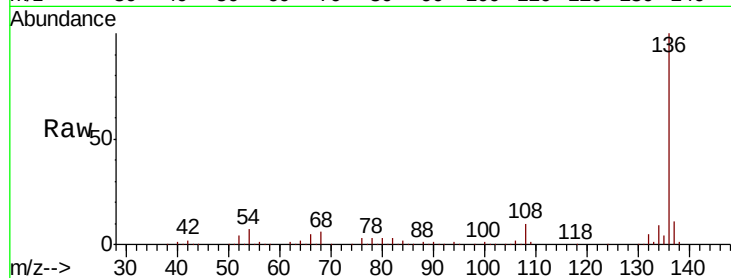




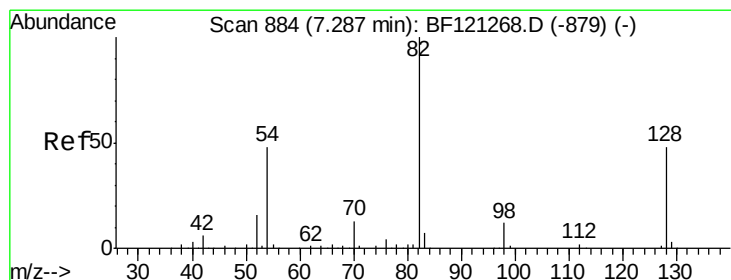
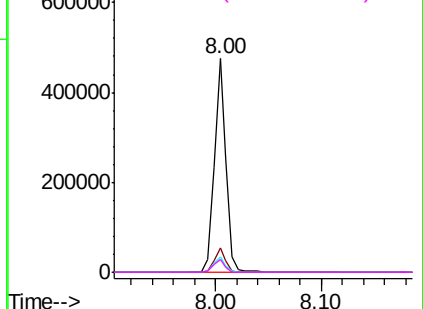
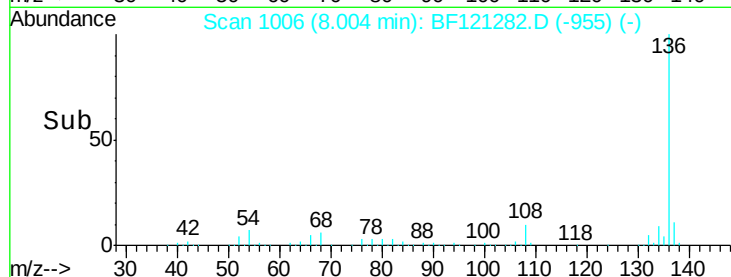
#21
Naphthalene-d8
Concen: 40.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF121282.D
Acq: 13 Aug 2020 21:10

Instrument :
BNA_F
ClientSampleId :
TR-04-081220

Tot Ion:136	Resp:	368858
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.6 13.0
54	7.5	5.3 7.9
68	6.0	4.2 6.2

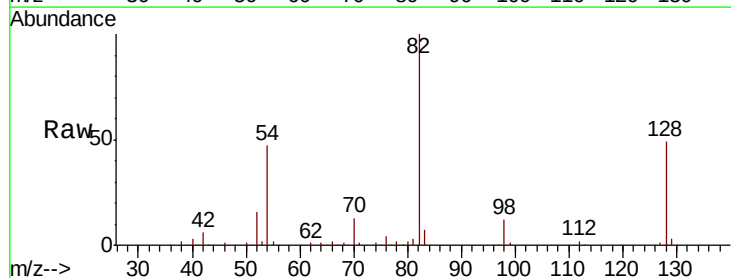


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

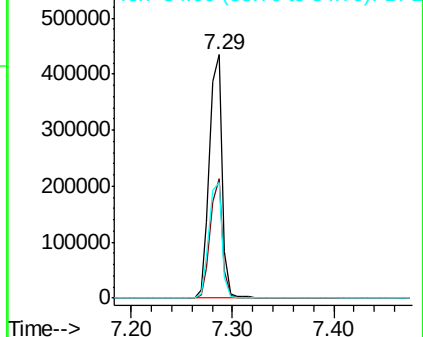
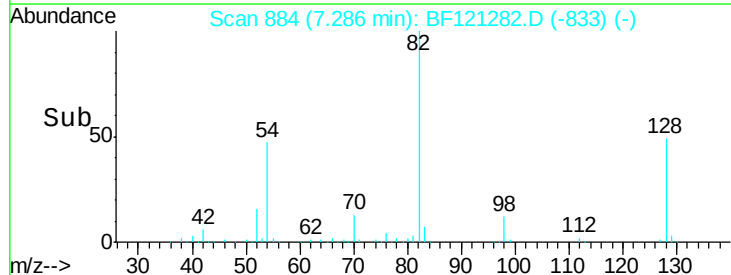


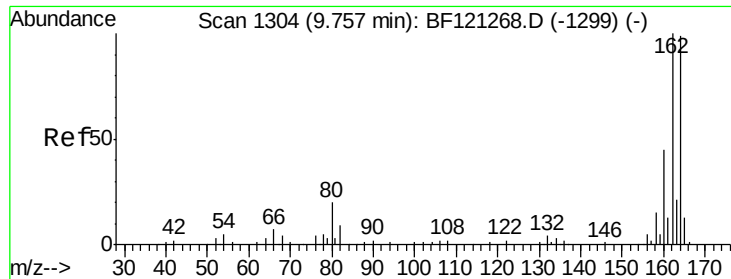
#23
Nitrobenzene-d5
Concen: 112.978 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF121282.D
Acq: 13 Aug 2020 21:10

Tgt Ion: 82	Resp:	381250
Ion	Ratio	Lower Upper
82	100	
128	49.0	39.8 59.8
54	47.4	37.7 56.5



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: 40.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF121282.D

Acq: 13 Aug 2020 21:10

Instrument :

BNA_F

ClientSampleId :

TR-04-081220

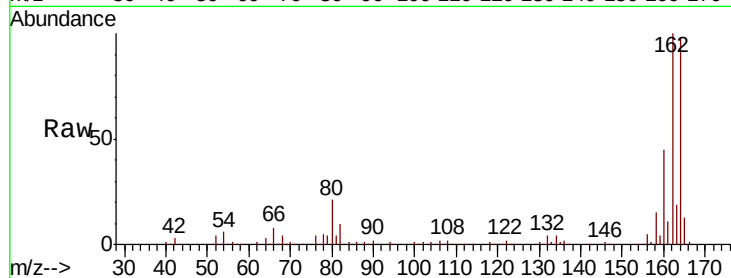
Tot Ion:164 Resp: 191864

Ion Ratio Lower Upper

164 100

162 101.9 81.2 121.8

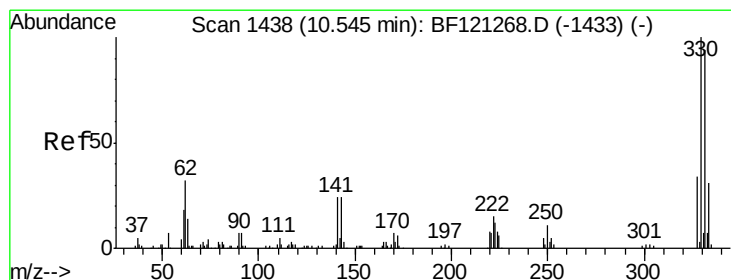
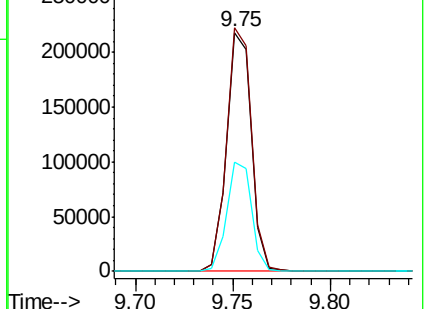
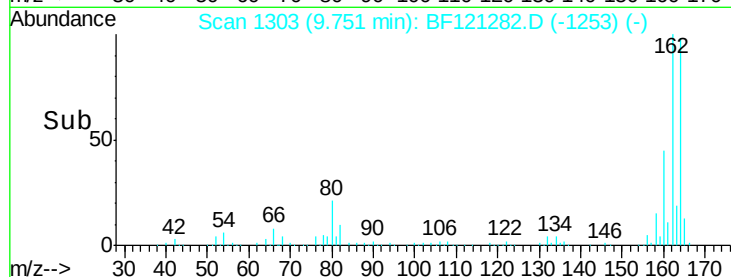
160 45.6 36.9 55.3



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: 2.432 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF121282.D

Acq: 13 Aug 2020 21:10

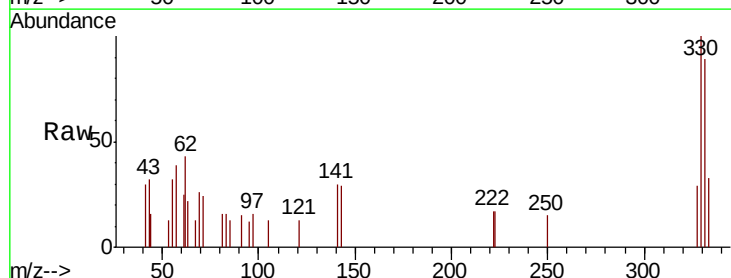
Tgt Ion:330 Resp: 2873

Ion Ratio Lower Upper

330 100

332 101.6 75.4 113.0

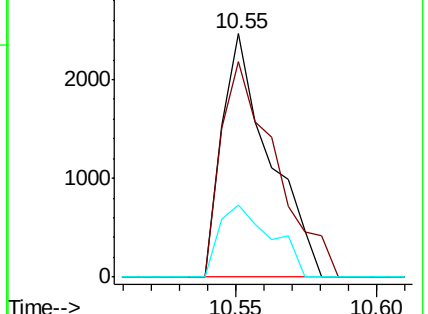
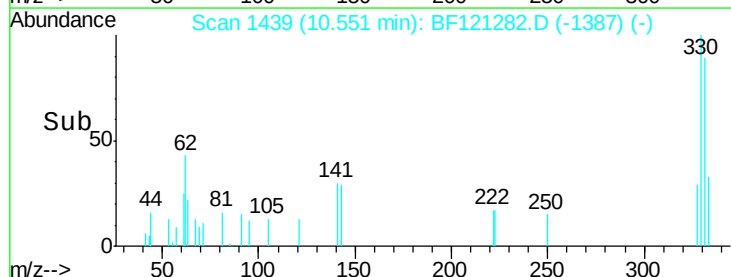
141 32.7 23.4 35.2

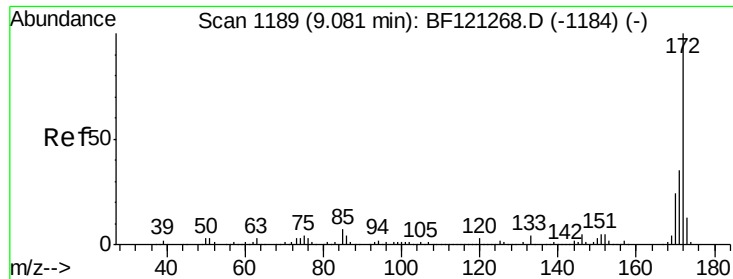


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

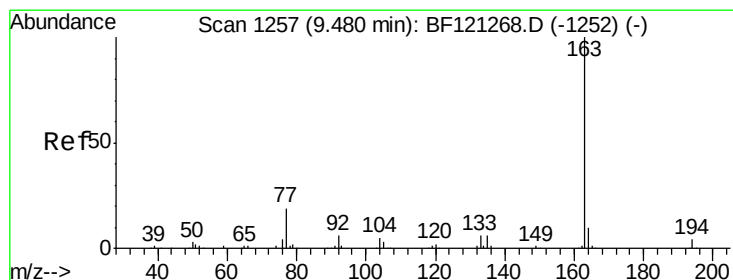
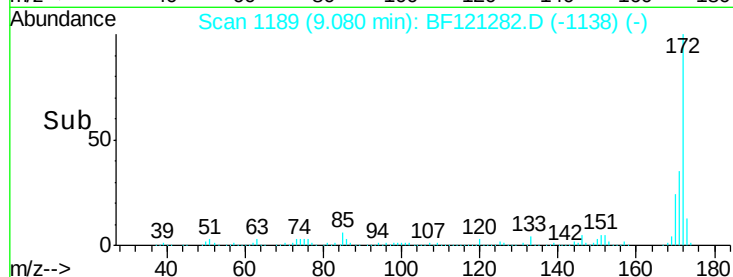
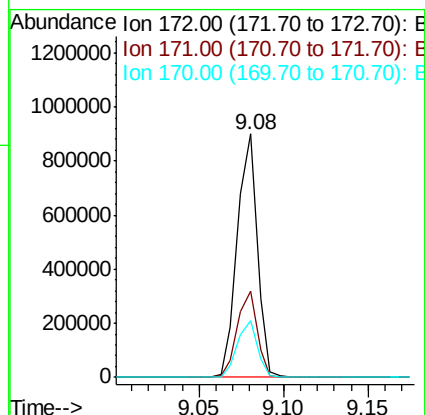
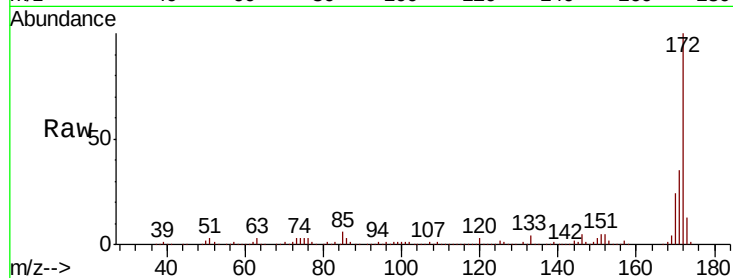




#45
2-Fluorobiphenyl
Concen: 106.675 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF121282.D
Acq: 13 Aug 2020 21:10

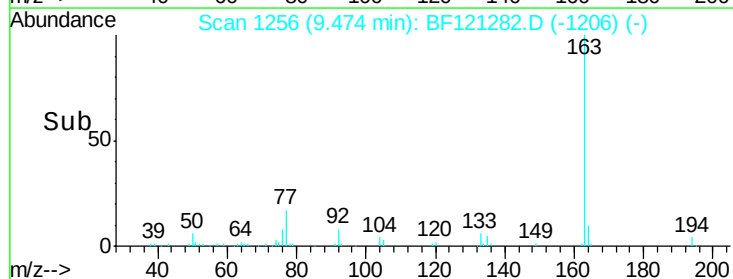
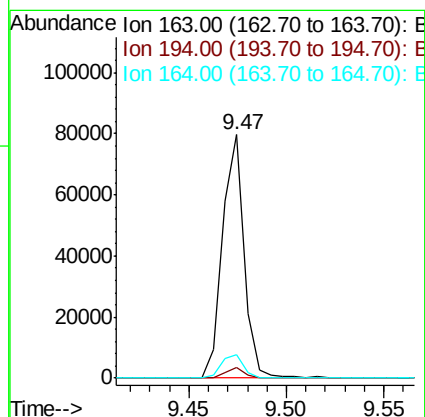
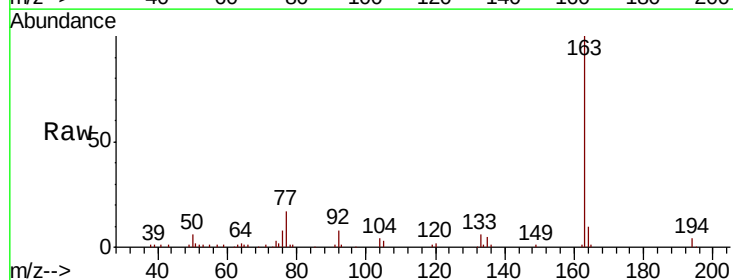
Instrument :
BNA_F
ClientSampleId :
TR-04-081220

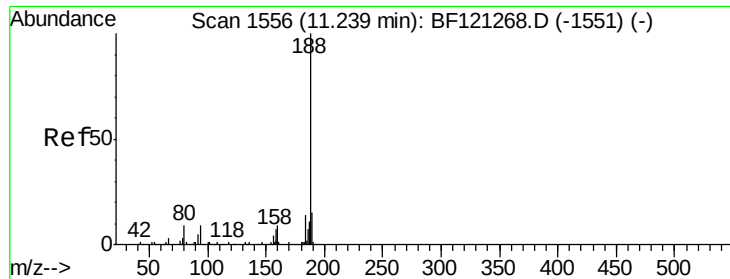
Tot Ion:172 Resp: 739797
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.6 19.3 28.9



#50
Dimethylphthalate
Concen: 8.468 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF121282.D
Acq: 13 Aug 2020 21:10

Tgt Ion:163 Resp: 61131
Ion Ratio Lower Upper
163 100
194 4.4 3.0 4.6
164 9.6 8.1 12.1





#64

Phenanthrene-d10

Concen: 40.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF121282.D

Acq: 13 Aug 2020 21:10

Instrument :

BNA_F

ClientSampleId :

TR-04-081220

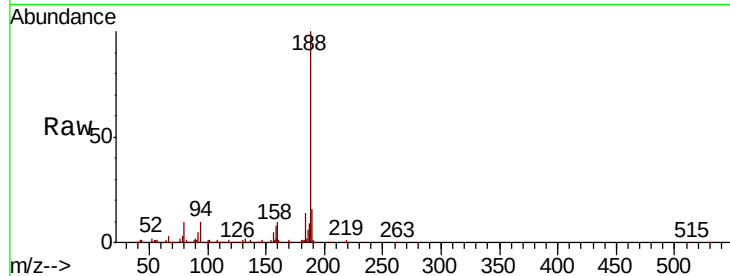
Tot Ion:188 Resp: 366282

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.6

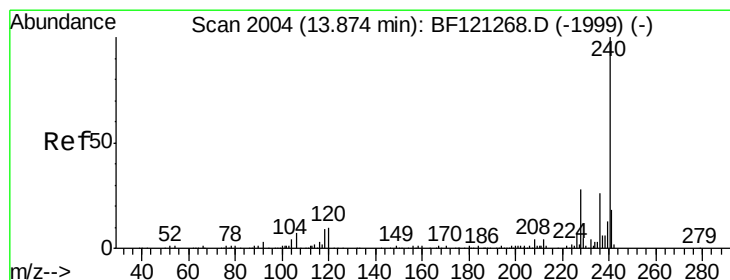
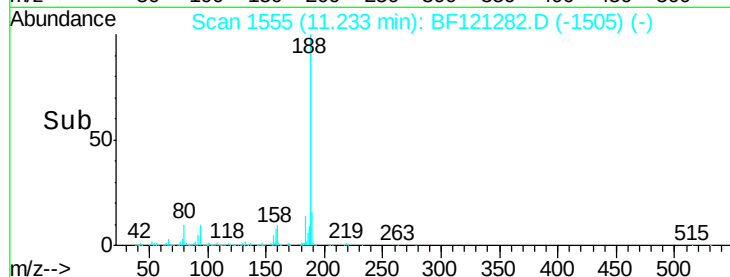
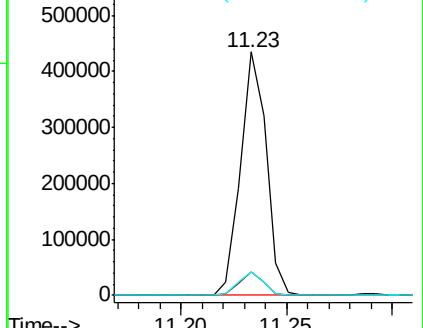
80 9.8 7.4 11.0



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



#76

Chrysene-d12

Concen: 40.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF121282.D

Acq: 13 Aug 2020 21:10

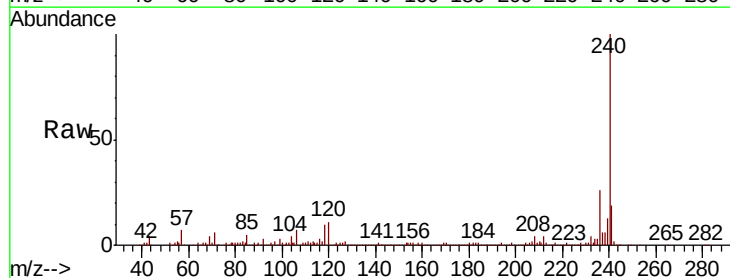
Tgt Ion:240 Resp: 274995

Ion Ratio Lower Upper

240 100

120 10.9 9.2 13.8

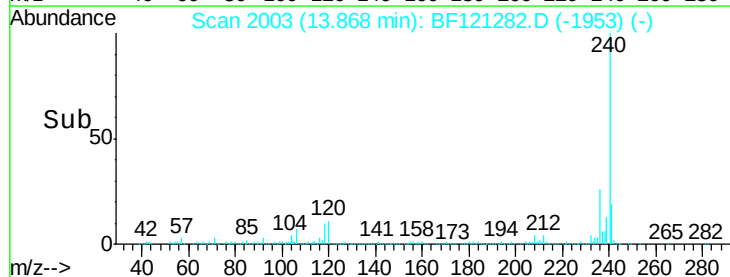
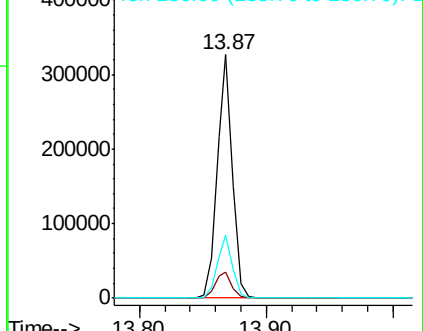
236 25.7 21.0 31.4

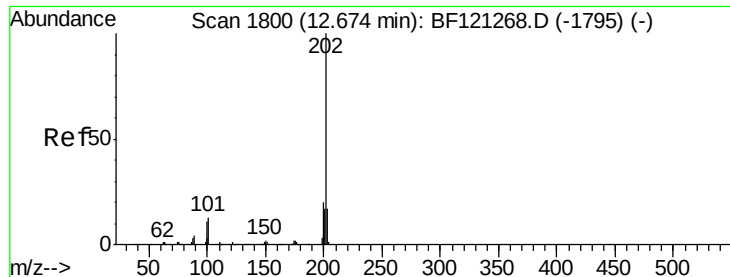


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.485 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF121282.D

Acq: 13 Aug 2020 21:10

Instrument :

BNA_F

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TR-04-081220

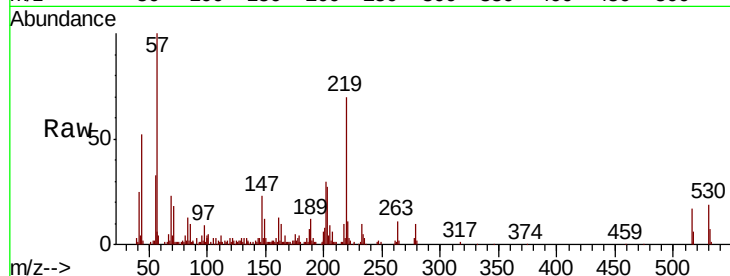
Tot Ion:202 Resp: 25444

Ion Ratio Lower Upper

202 100

200 20.0 16.3 24.5

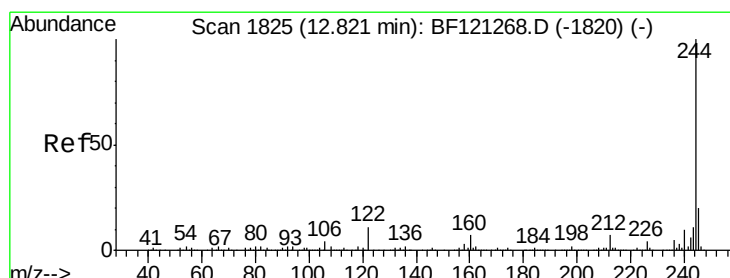
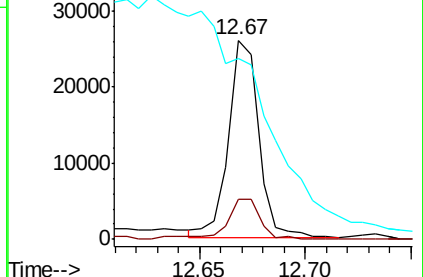
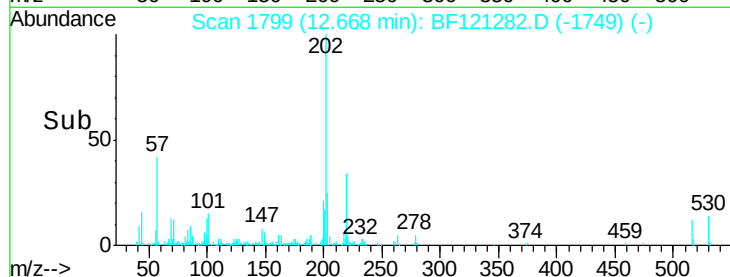
203 90.9 13.8 20.8#



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: 109.536 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF121282.D

Acq: 13 Aug 2020 21:10

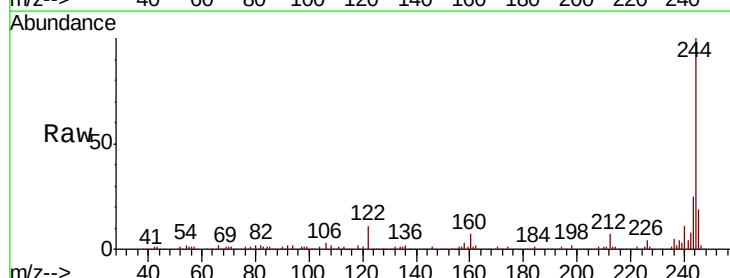
Tgt Ion:244 Resp: 772614

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

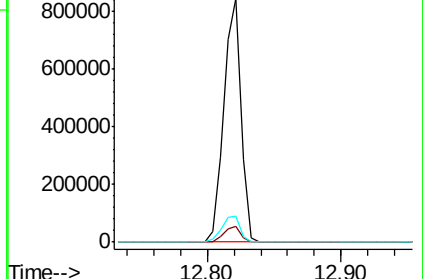
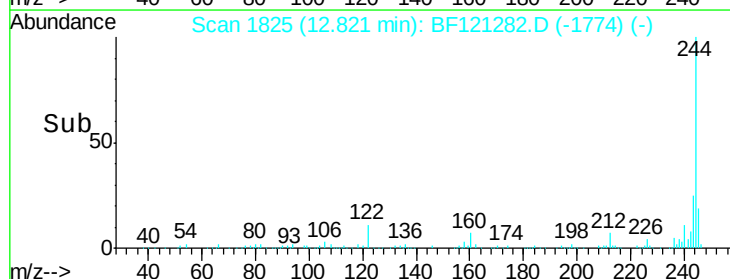
122 10.8 9.1 13.7

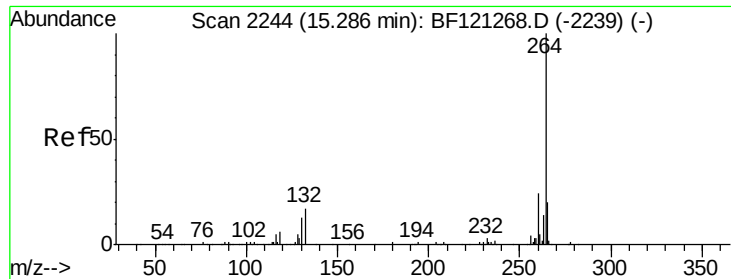


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

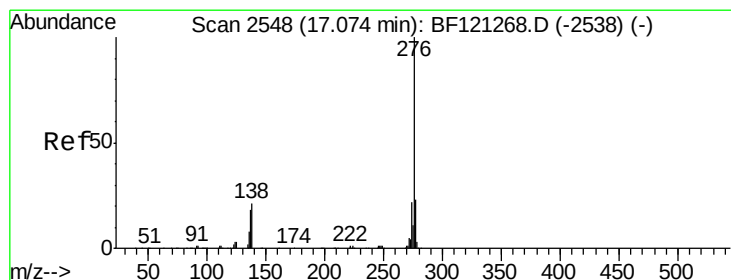
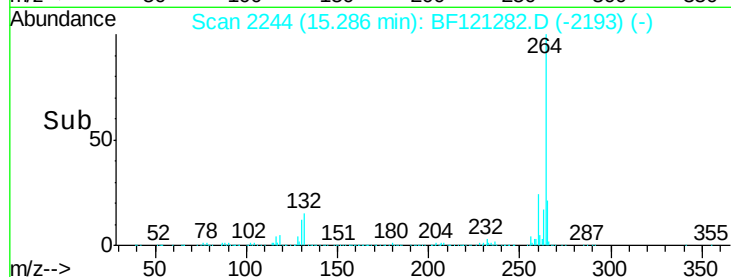
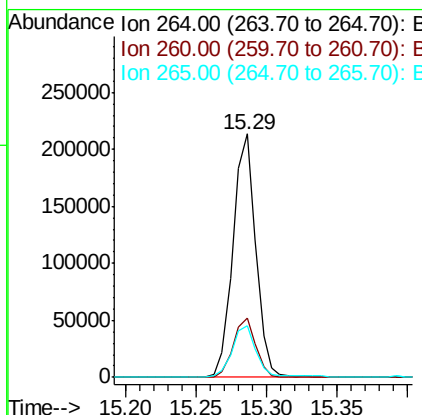
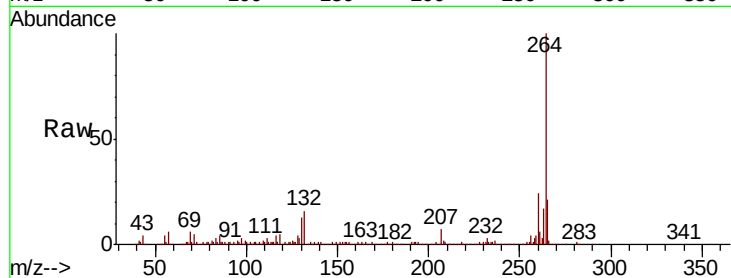




#86
Pervlene-d12
Concen: 40.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BF121282.D
Acq: 13 Aug 2020 21:10

Instrument :
BNA_F
ClientSampleId :
TR-04-081220

Tot Ion:264	Resp:	240333
Ion Ratio	Lower	Upper
264	100	
260	24.4	19.5 29.3
265	21.2	17.1 25.7



#92
Benzo(g,h,i)perylene
Concen: 2.853 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.01 min
Lab File: BF121282.D
Acq: 13 Aug 2020 21:10

Tgt Ion:276	Resp:	21553
Ion Ratio	Lower	Upper
276	100	
277	25.5	19.1 28.7
138	23.4	16.2 24.2

