

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
 Data File : BF121086.D
 Acq On : 28 Jul 2020 23:58
 Operator : JU/CG
 Sample : L3435-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Quant Time: Jul 29 02:13:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

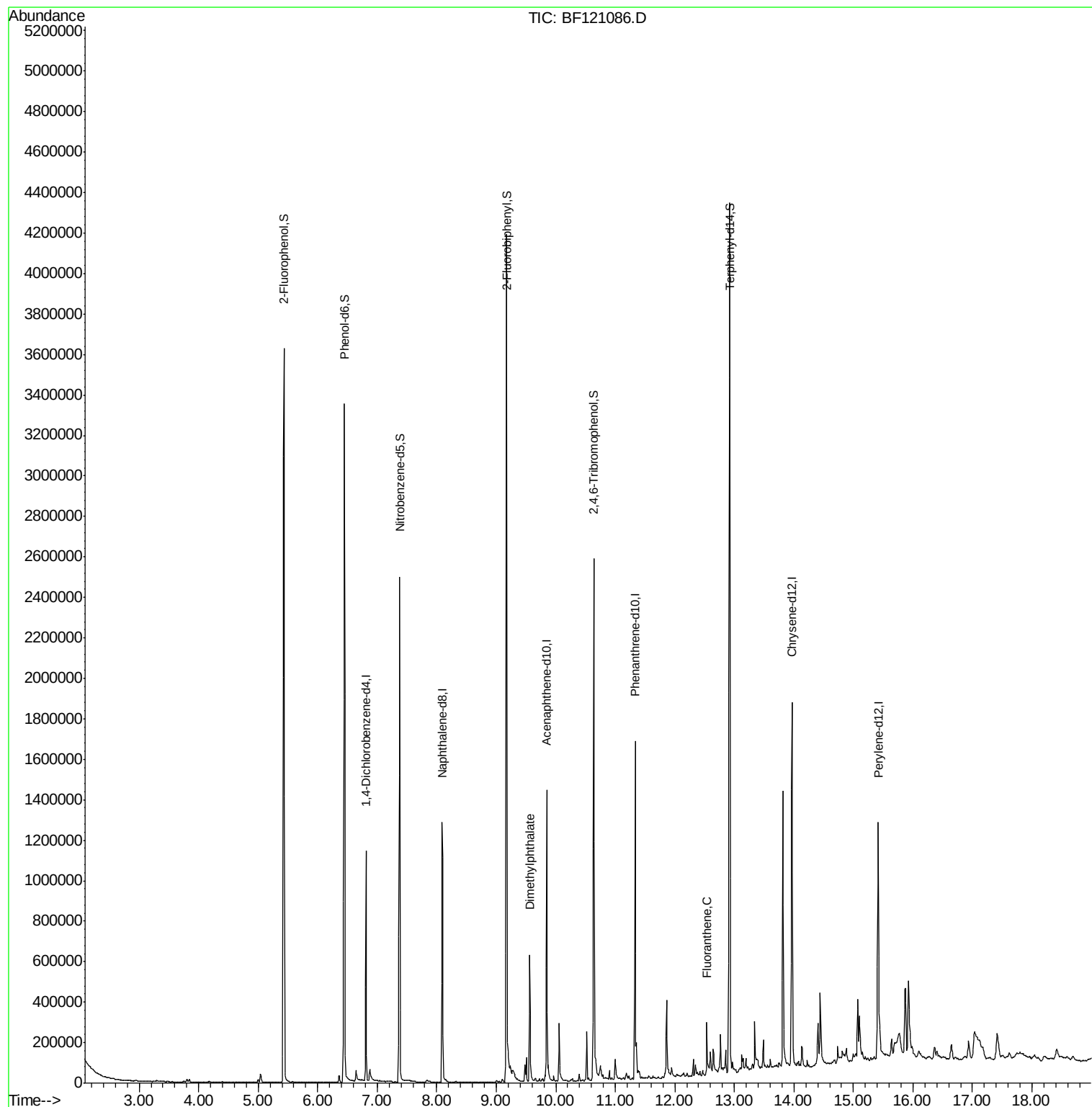
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	158302	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	588684	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	332988	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	660631	20.00	ng	0.00
76) Chrysene-d12	13.97	240	628572	20.00	ng	0.00
86) Perylene-d12	15.42	264	634347	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1224564	126.81	ng	0.01
7) Phenol-d6	6.45	99	1511905	121.21	ng	0.00
23) Nitrobenzene-d5	7.38	82	946264	93.01	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	417294	114.49	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1761894	79.00	ng	0.00
79) Terphenyl-d14	12.92	244	1895443	65.55	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	266251	11.083	ng	100
75) Fluoranthene	12.54	202	87887	2.334	ng	98

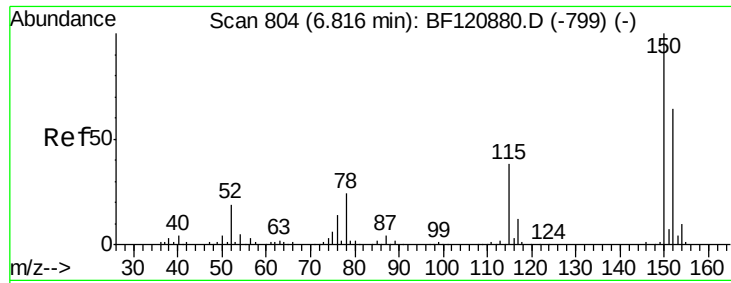
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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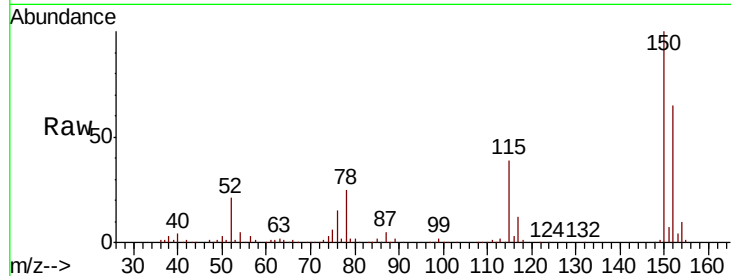


#1

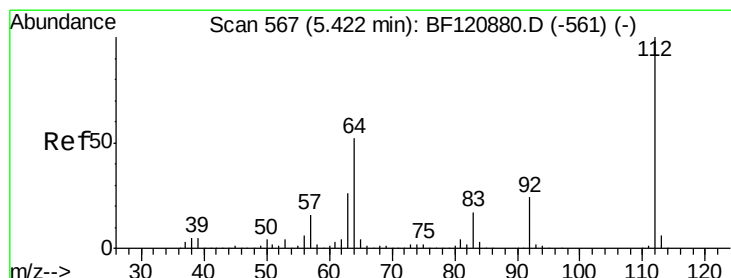
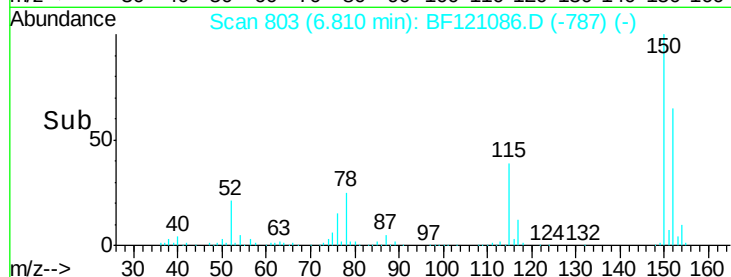
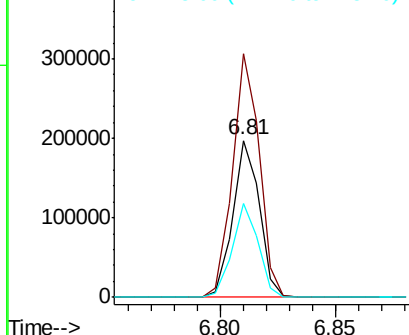
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121086.D
Acq: 28 Jul 2020 23:58

Instrument :
BNA_F
ClientSampleId :
SP-2

Tot Ion:152 Resp: 158302
Ion Ratio Lower Upper
152 100
150 155.0 125.0 187.6
115 60.2 47.0 70.4



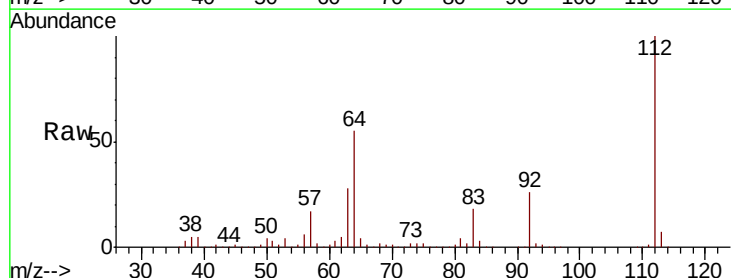
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



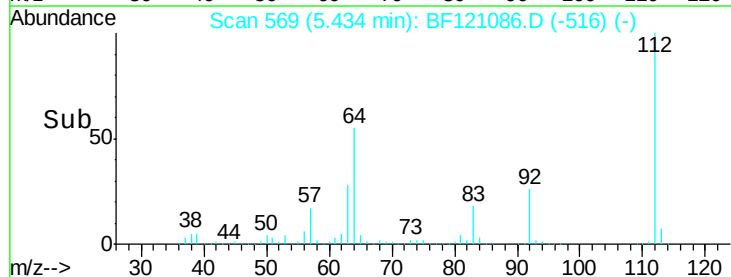
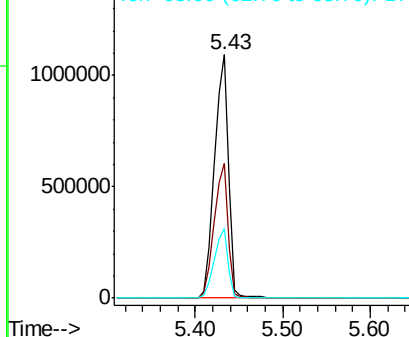
#5

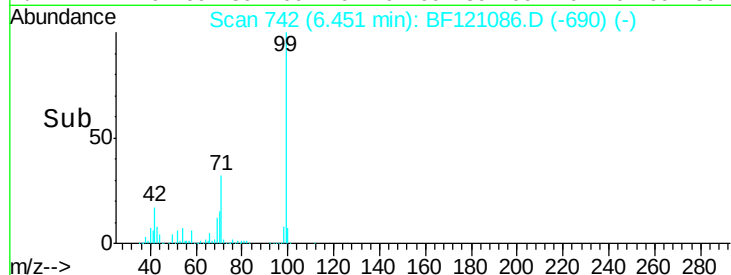
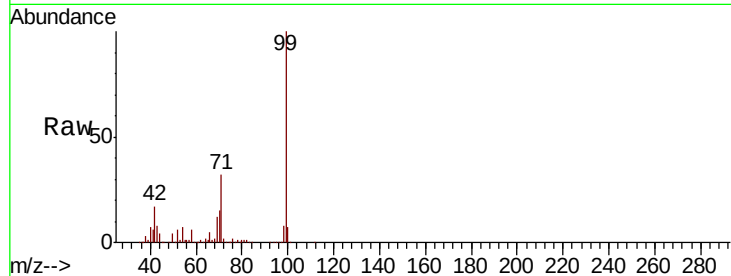
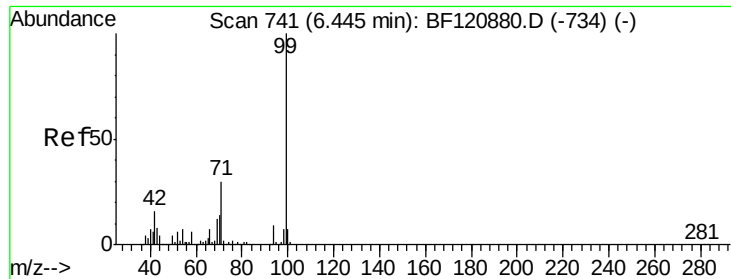
2-Fluorophenol
Concen: 126.814 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF121086.D
Acq: 28 Jul 2020 23:58

Tgt Ion:112 Resp: 1224564
Ion Ratio Lower Upper
112 100
64 55.2 41.3 61.9
63 28.4 21.1 31.7



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: 121.209 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF121086.D

Acq: 28 Jul 2020 23:58

Instrument :

BNA_F

ClientSampleId :

SP-2

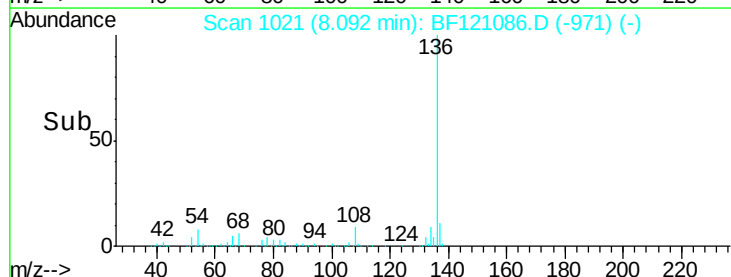
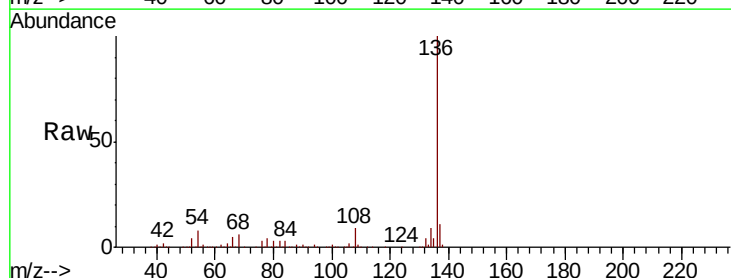
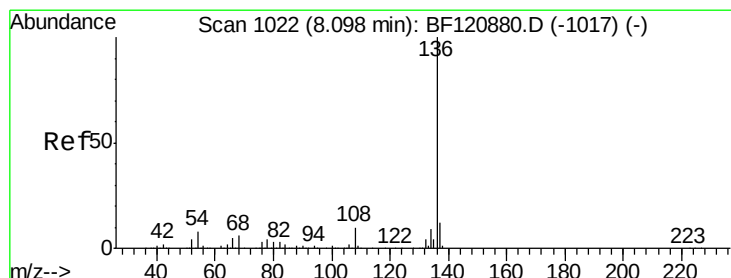
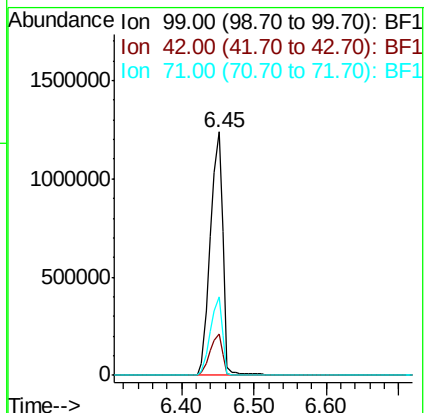
Tot Ion: 99 Resp: 1511905

Ion Ratio Lower Upper

99 100

42 17.0 13.1 19.7

71 32.3 24.2 36.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121086.D

Acq: 28 Jul 2020 23:58

Tgt Ion: 136 Resp: 588684

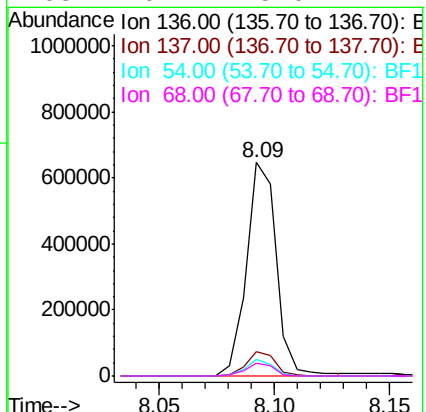
Ion Ratio Lower Upper

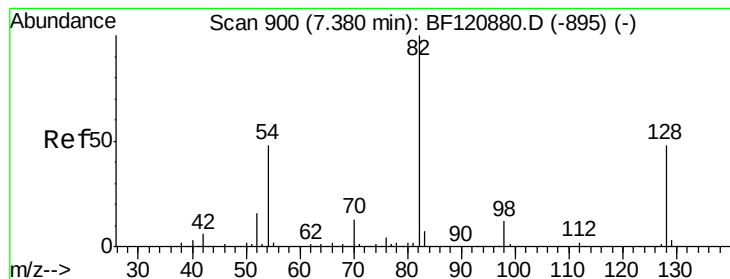
136 100

137 11.5 9.3 13.9

54 7.8 6.3 9.5

68 6.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 93.010 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF121086.D

Acq: 28 Jul 2020 23:58

Instrument :

BNA_F

ClientSampleId :

SP-2

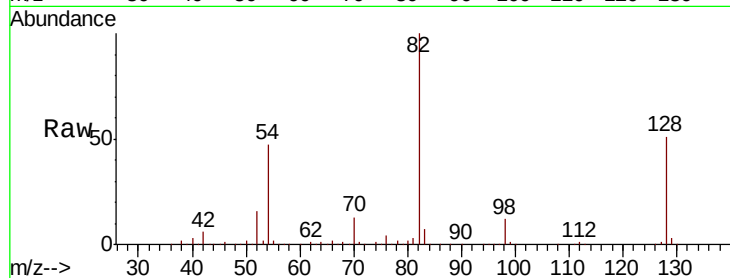
Tot Ion: 82 Resp: 946264

Ion Ratio Lower Upper

82 100

128 50.9 38.2 57.4

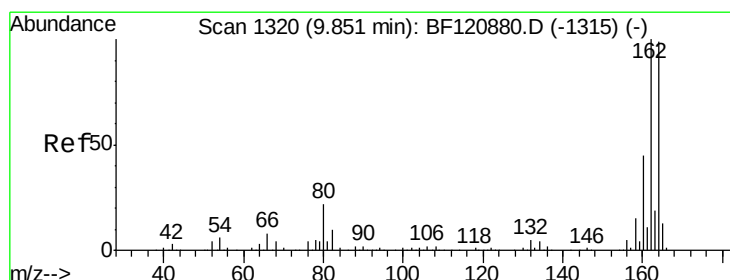
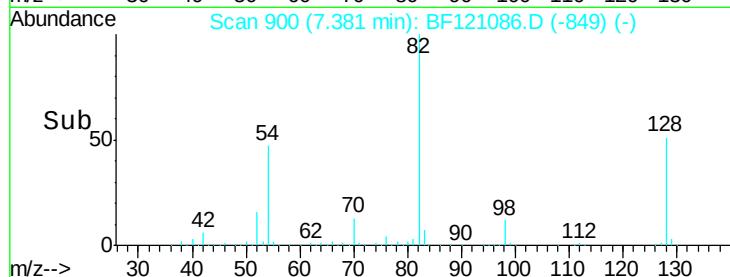
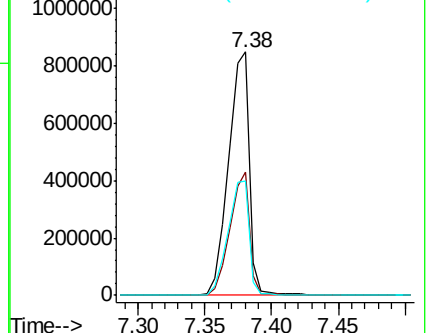
54 46.9 38.7 58.1



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: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF121086.D

Acq: 28 Jul 2020 23:58

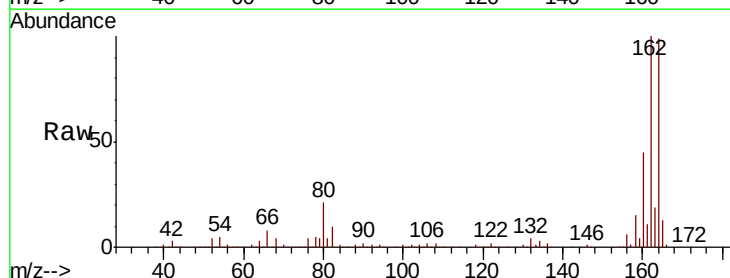
Tgt Ion:164 Resp: 332988

Ion Ratio Lower Upper

164 100

162 101.4 81.2 121.8

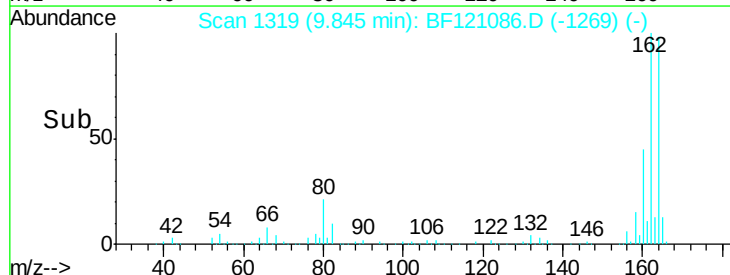
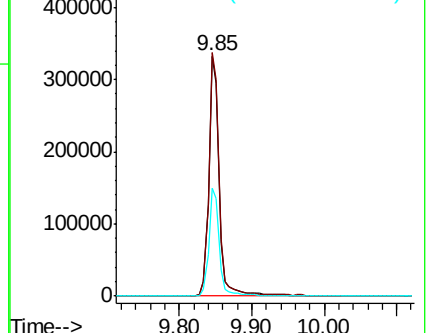
160 45.1 36.9 55.3

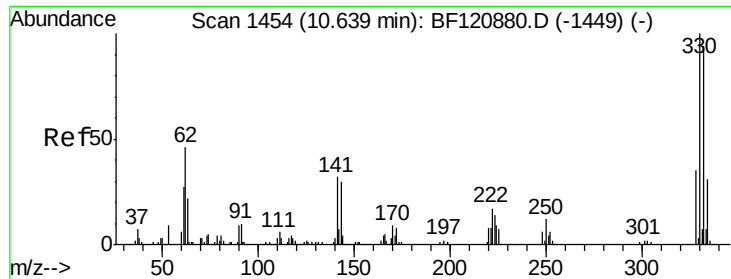


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

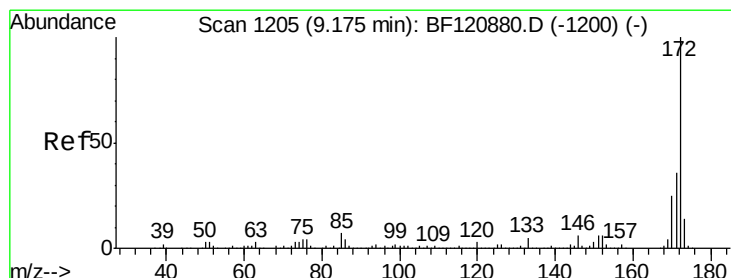
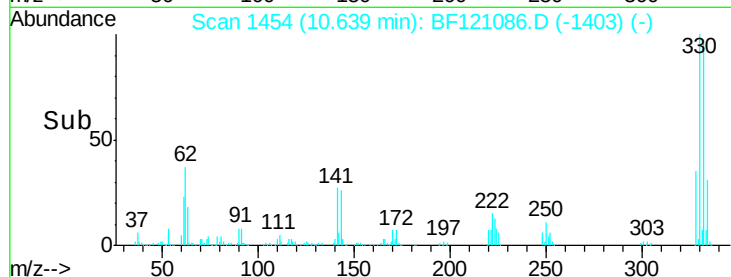
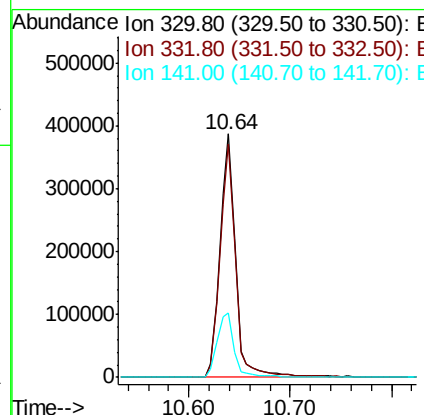
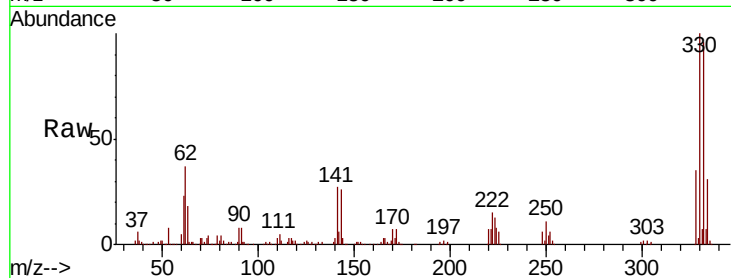




#42
 2,4,6-Tribromophenol
 Concen: 114.488 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF121086.D
 Acq: 28 Jul 2020 23:58

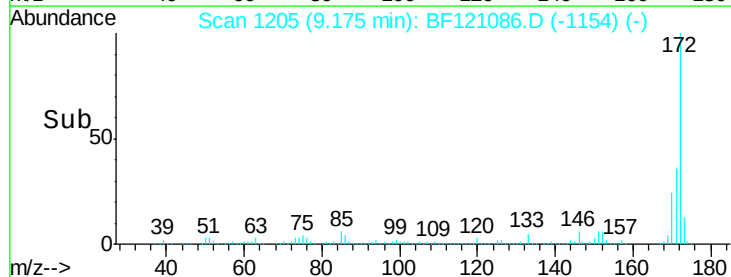
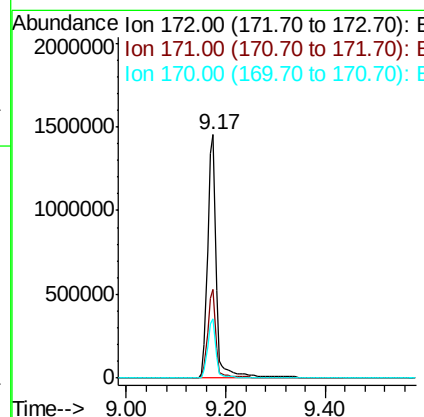
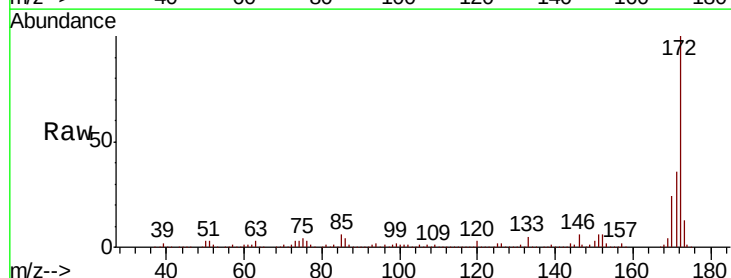
Instrument :
 BNA_F
 ClientSampled :
 SP-2

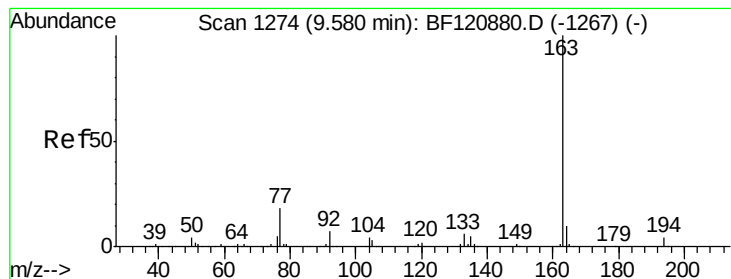
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.5	113.3
141	29.4	25.7	38.5



#45
 2-Fluorobiphenyl
 Concen: 78.999 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF121086.D
 Acq: 28 Jul 2020 23:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.4
170	24.4	19.6	29.4





#50

Dimethylphthalate

Concen: 11.083 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF121086.D

Acq: 28 Jul 2020 23:58

Instrument :

BNA_F

ClientSampleId :

SP-2

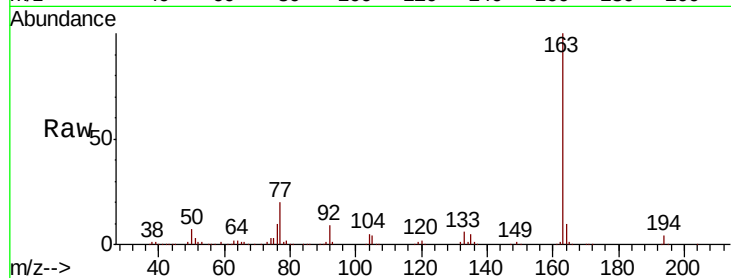
Tot Ion:163 Resp: 266251

Ion Ratio Lower Upper

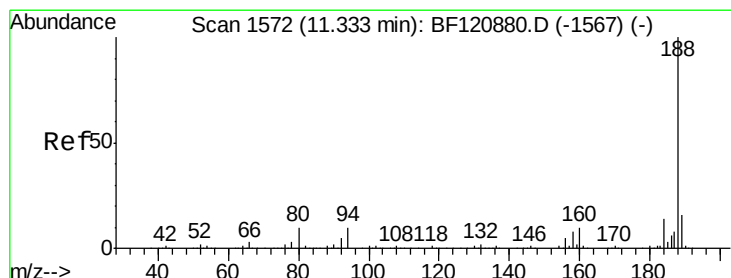
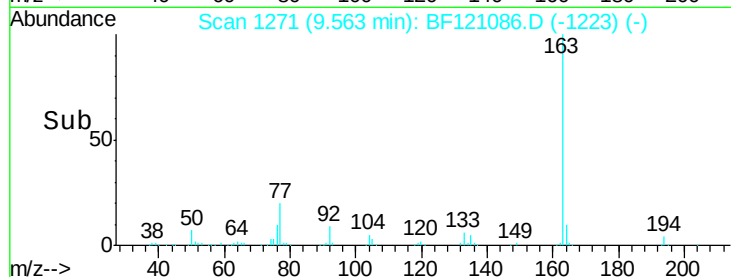
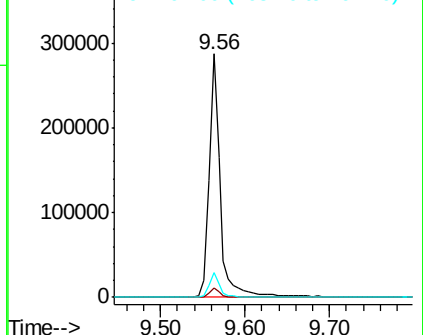
163 100

194 3.9 3.2 4.8

164 10.0 7.9 11.9



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: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF121086.D

Acq: 28 Jul 2020 23:58

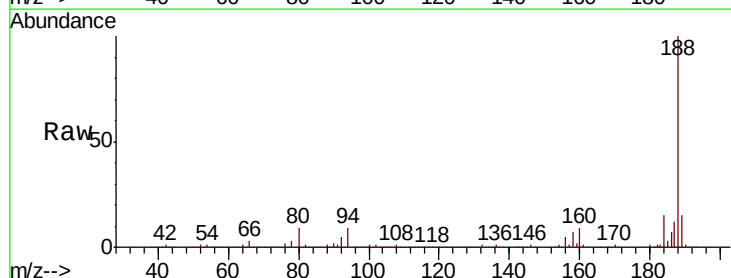
Tgt Ion:188 Resp: 660631

Ion Ratio Lower Upper

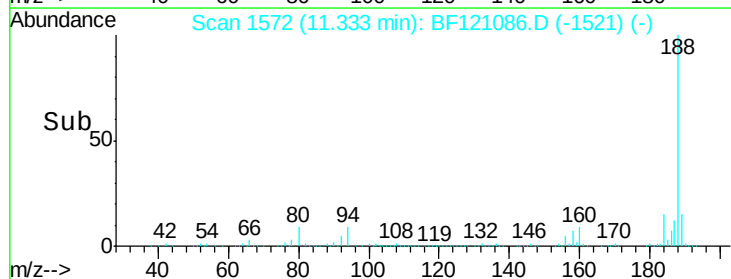
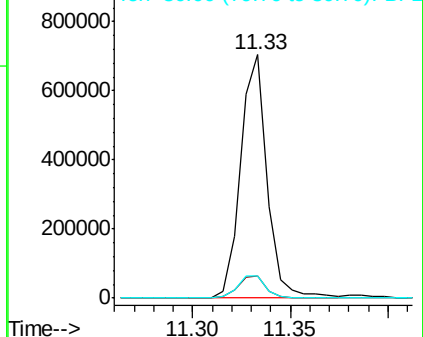
188 100

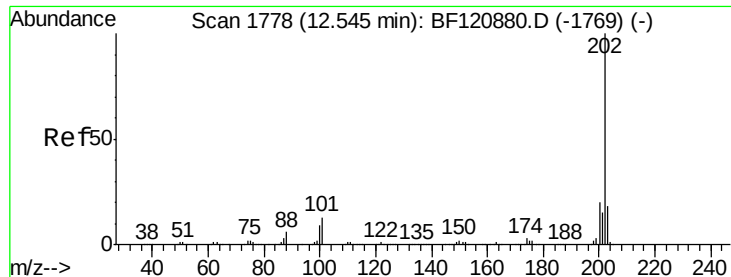
94 9.0 8.0 12.0

80 9.1 8.3 12.5



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: 2.334 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF121086.D

Acq: 28 Jul 2020 23:58

Instrument :

BNA_F

ClientSampled :

SP-2

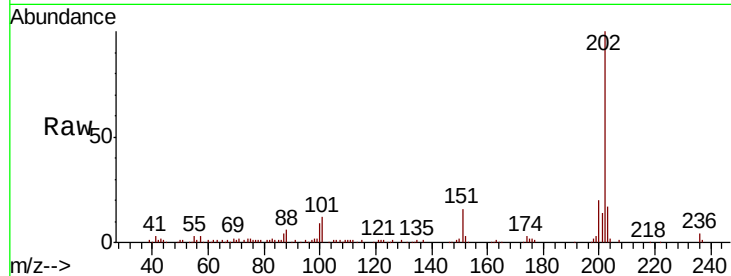
Tot Ion:202 Resp: 87887

Ion Ratio Lower Upper

202 100

101 11.8 0.0 32.7

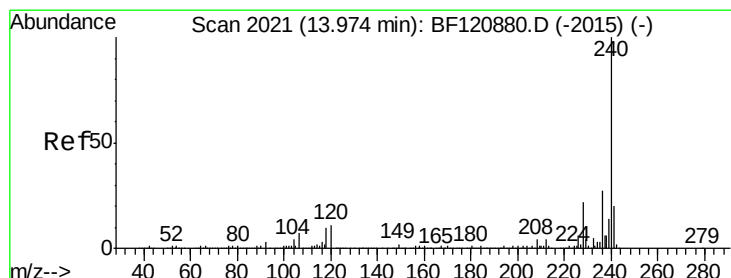
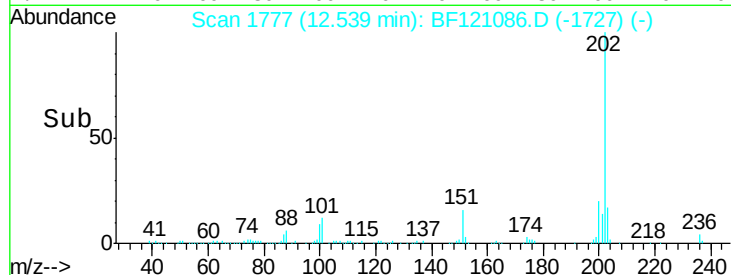
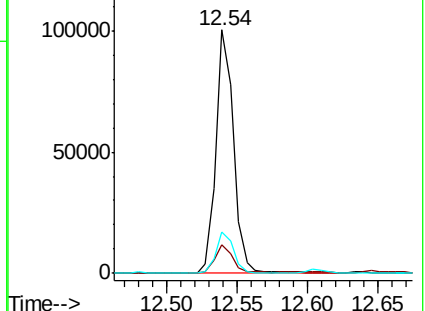
203 16.8 0.0 38.0



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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF121086.D

Acq: 28 Jul 2020 23:58

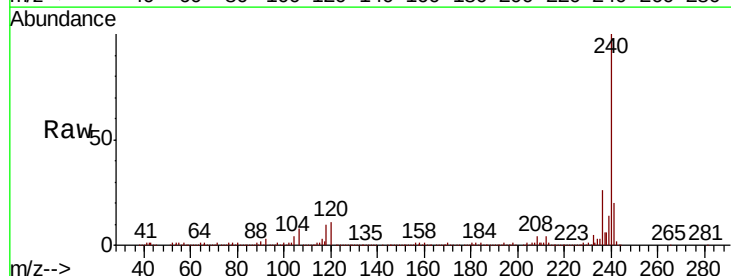
Tgt Ion:240 Resp: 628572

Ion Ratio Lower Upper

240 100

120 11.2 9.0 13.4

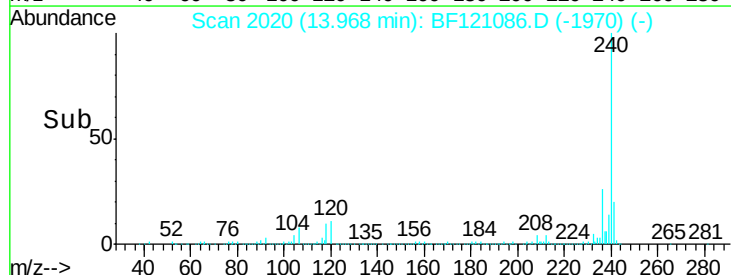
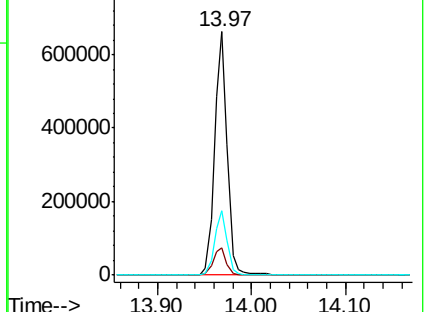
236 26.4 21.7 32.5

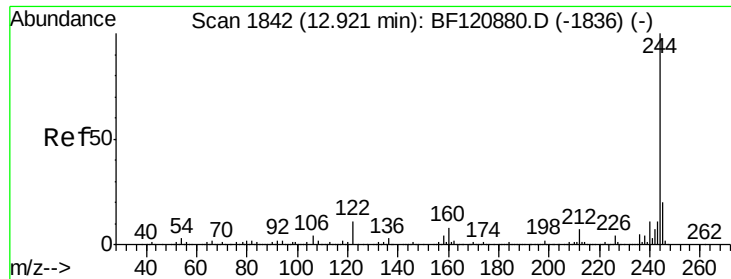


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 65.550 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF121086.D

Acq: 28 Jul 2020 23:58

Instrument :

BNA_F

ClientSampleId :

SP-2

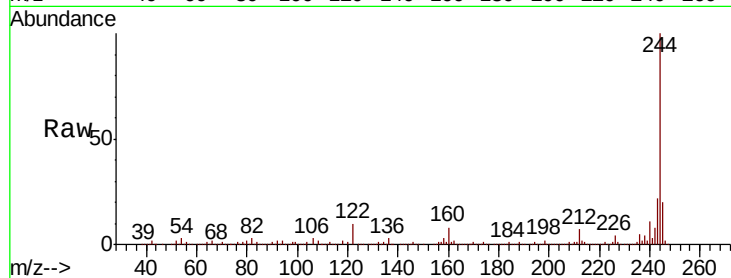
Tot Ion:244 Resp: 1895443

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

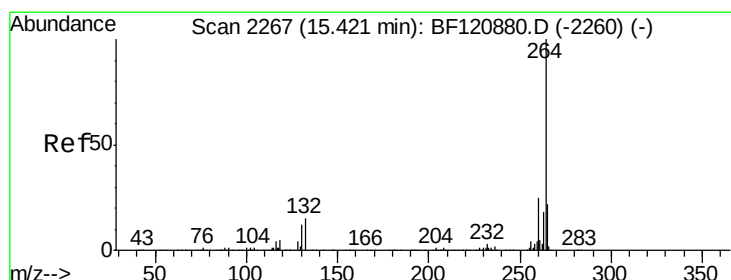
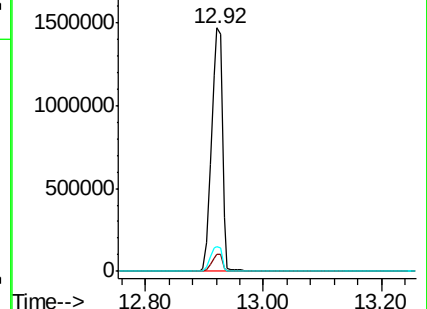
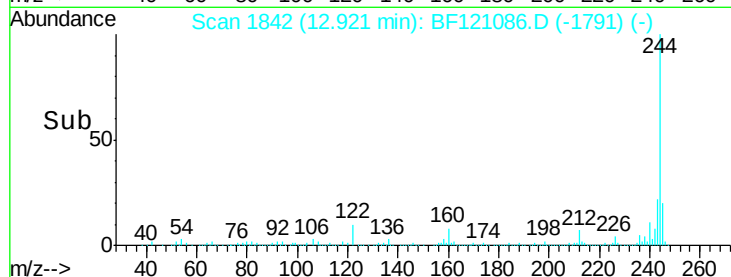
122 10.2 8.9 13.3



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

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF121086.D

Acq: 28 Jul 2020 23:58

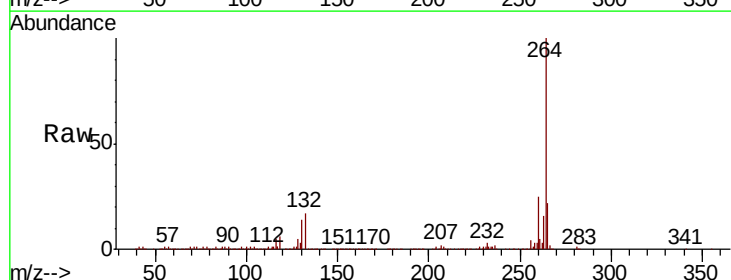
Tgt Ion:264 Resp: 634347

Ion Ratio Lower Upper

264 100

260 24.9 20.0 30.0

265 22.0 17.4 26.2



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

