

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
 Data File : BF120958.D
 Acq On : 21 Jul 2020 17:17
 Operator : JU/CG
 Sample : L3351-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1B

Quant Time: Jul 22 07:01:20 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

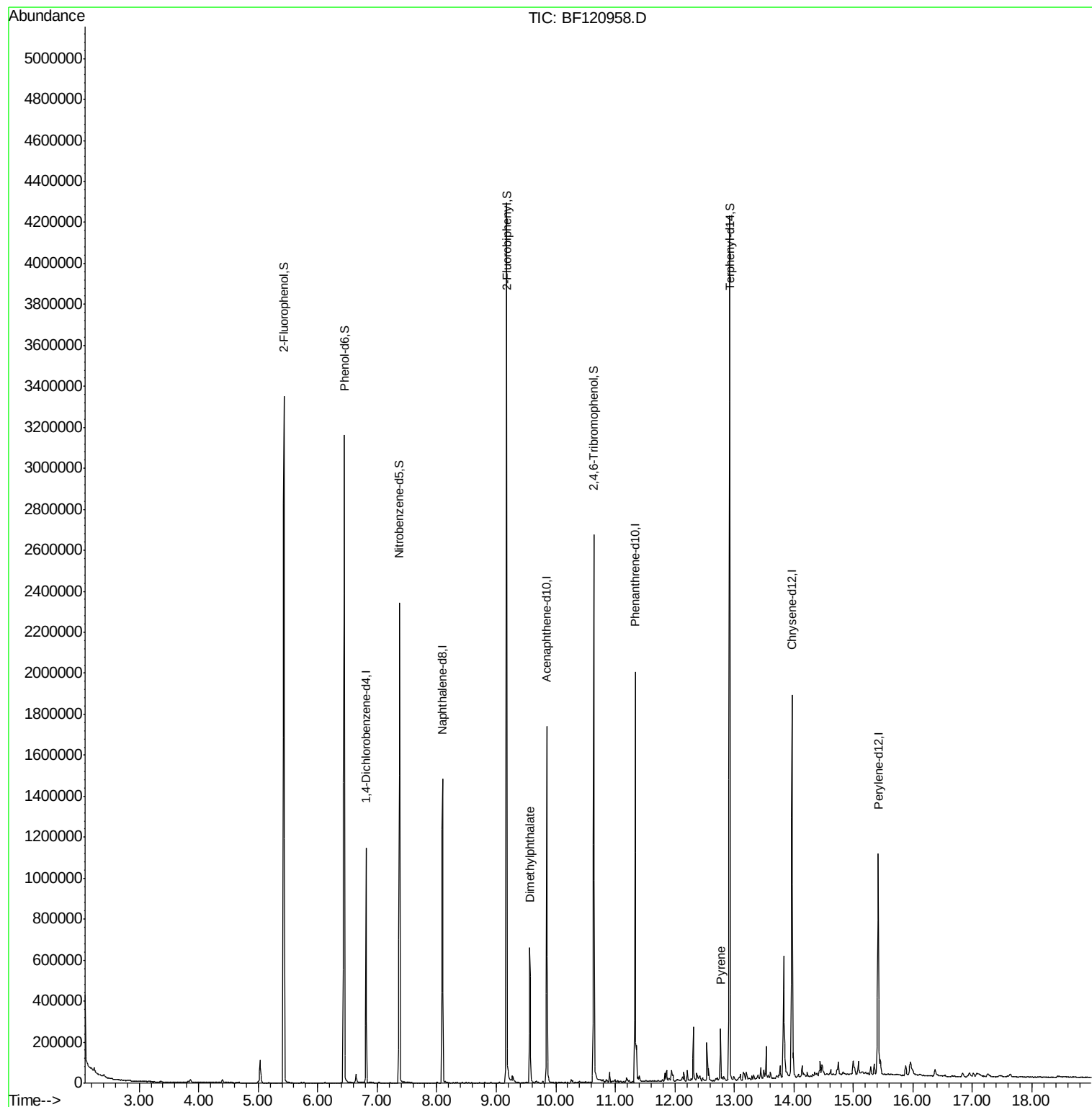
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	174710	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	686298	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	363224	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	719413	20.00	ng	0.00
76) Chrysene-d12	13.97	240	582718	20.00	ng	0.00
86) Perylene-d12	15.42	264	502319	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1068528	100.26	ng	0.01
7) Phenol-d6	6.45	99	1324037	96.18	ng	0.00
23) Nitrobenzene-d5	7.37	82	824617	69.52	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	396175	99.65	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1509530	62.05	ng	0.00
79) Terphenyl-d14	12.92	244	1611340	60.11	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	276493	10.551	ng	99
78) Pyrene	12.77	202	97941	2.377	ng	99

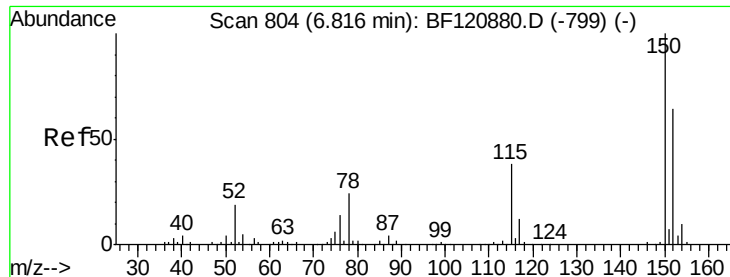
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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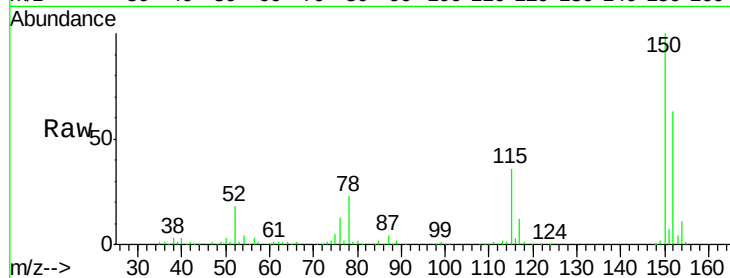


#1

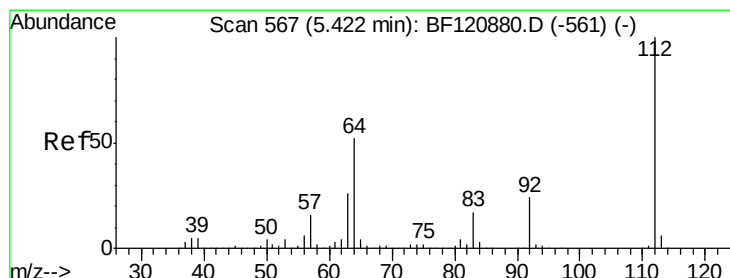
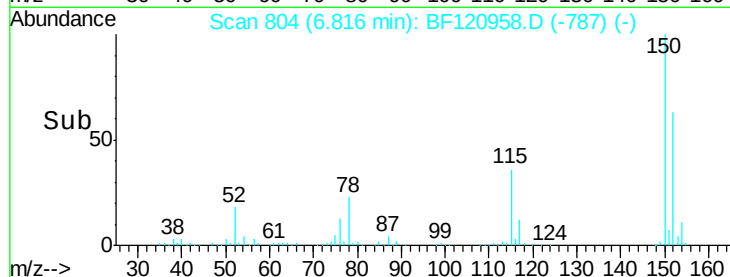
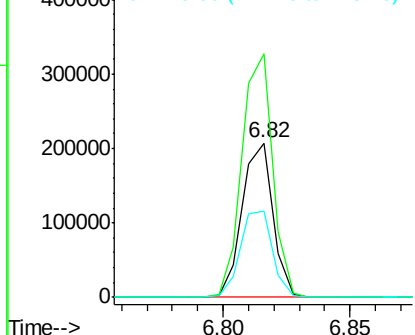
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120958.D
Acq: 21 Jul 2020 17:17

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1B

Tot Ion:152 Resp: 174710
Ion Ratio Lower Upper
152 100
150 158.1 125.0 187.6
115 56.2 47.0 70.4



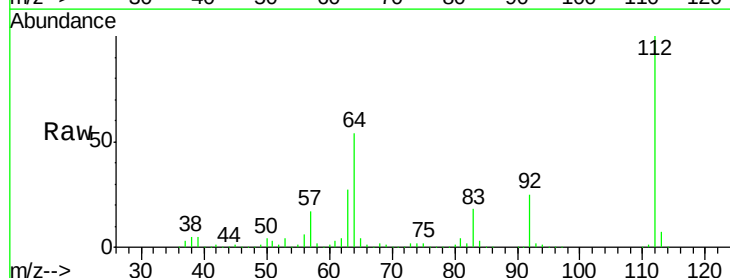
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



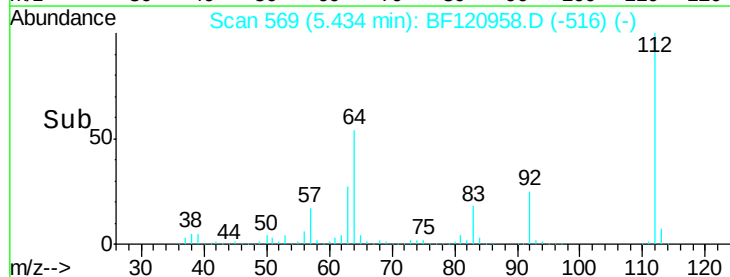
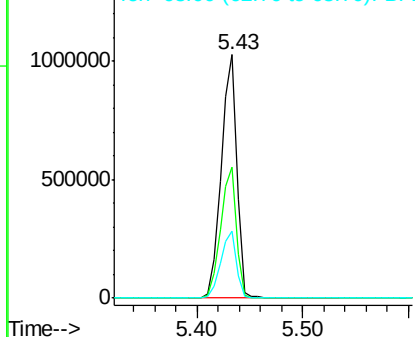
#5

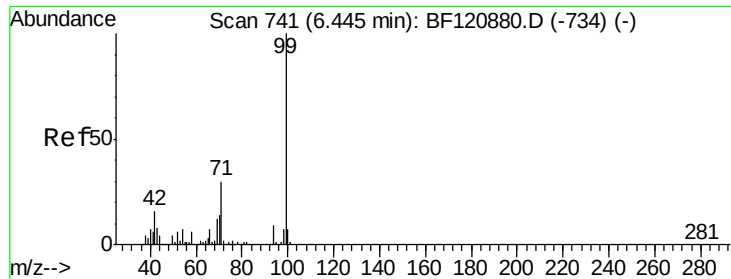
2-Fluorophenol
Concen: 100.263 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF120958.D
Acq: 21 Jul 2020 17:17

Tgt Ion:112 Resp: 1068528
Ion Ratio Lower Upper
112 100
64 53.7 41.3 61.9
63 27.4 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: 96.179 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120958.D

Acq: 21 Jul 2020 17:17

Instrument :

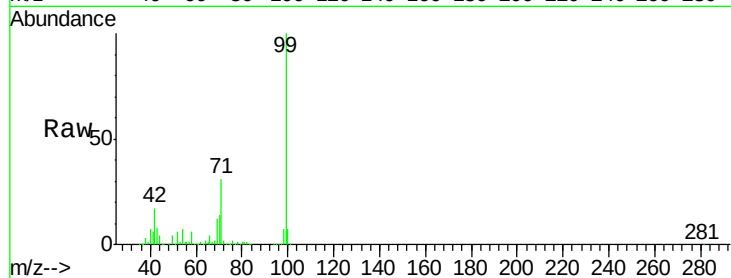
BNA_F

ClientSampleId :

SAMPLE-1B

Tot Ion: 99 Resp: 1324037

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.1	19.7
71	31.3	24.2	36.4

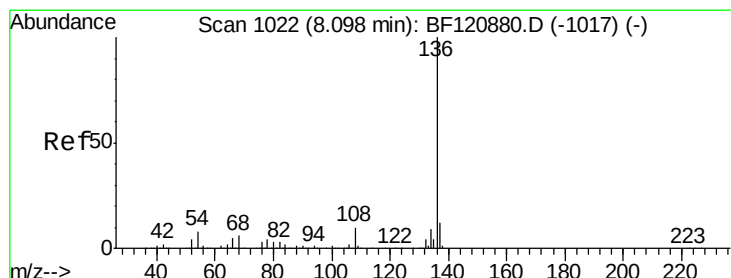
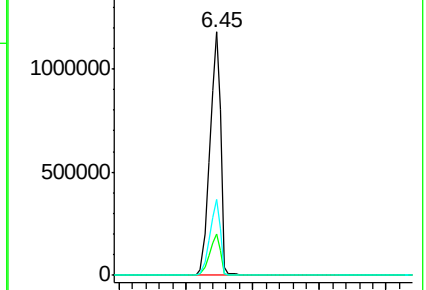
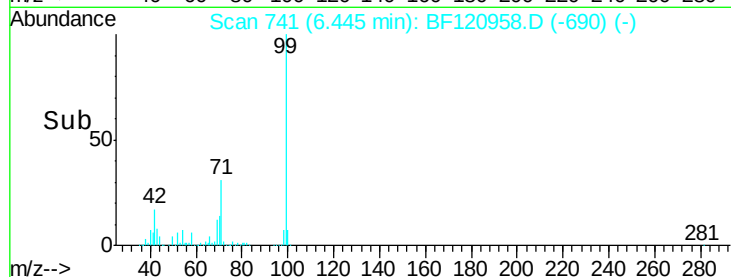


Abundance

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: 8.10 min Scan# 1022

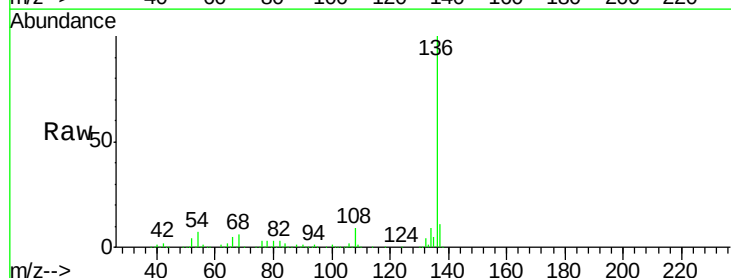
Delta R.T. 0.00 min

Lab File: BF120958.D

Acq: 21 Jul 2020 17:17

Tgt Ion: 136 Resp: 686298

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.3	13.9
54	6.6	6.3	9.5
68	5.5	5.0	7.4



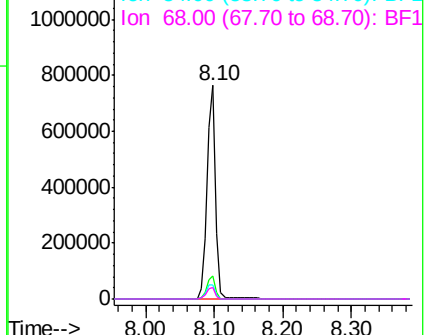
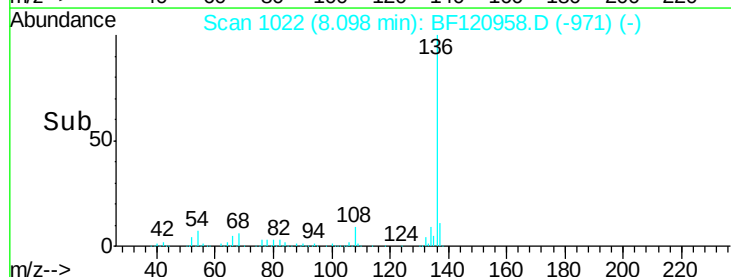
Abundance

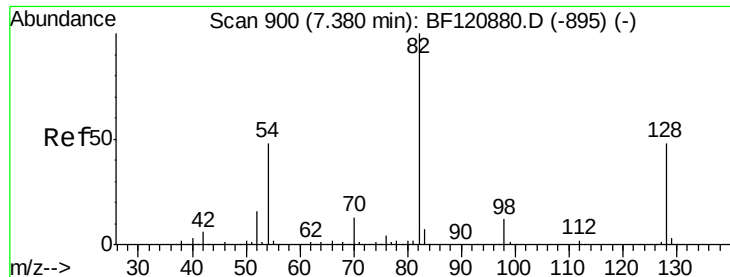
Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

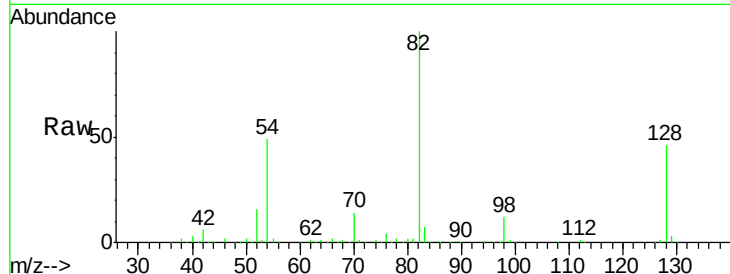




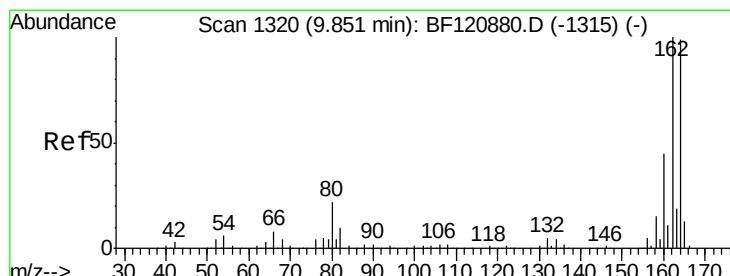
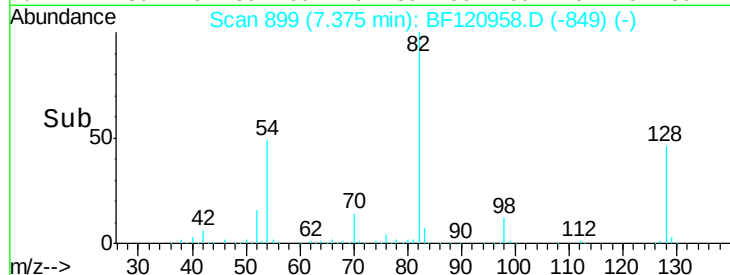
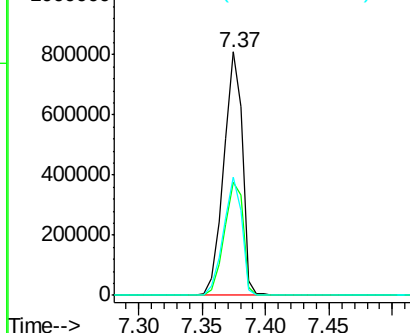
#23
 Nitrobenzene-d5
 Concen: 69.525 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF120958.D
 Acq: 21 Jul 2020 17:17

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1B

Tot Ion: 82 Resp: 824617
 Ion Ratio Lower Upper
 82 100
 128 46.3 38.2 57.4
 54 48.6 38.7 58.1

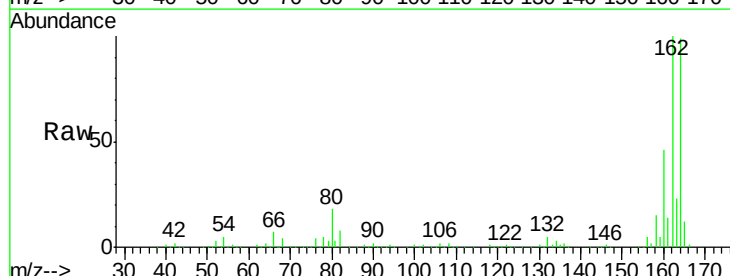


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

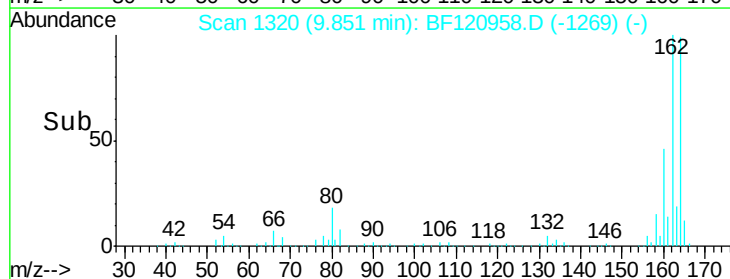
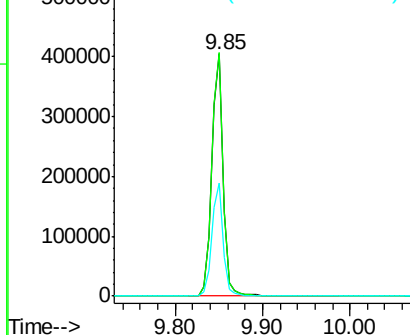


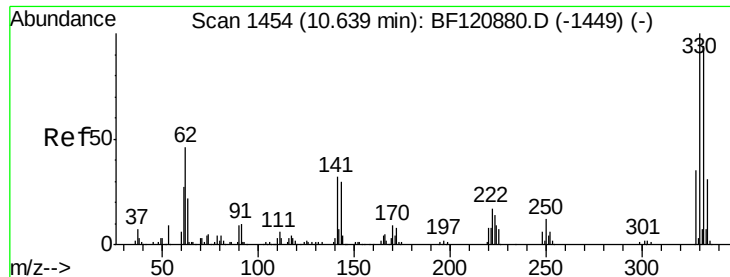
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF120958.D
 Acq: 21 Jul 2020 17:17

Tgt Ion:164 Resp: 363224
 Ion Ratio Lower Upper
 164 100
 162 100.5 81.2 121.8
 160 46.4 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: 99.645 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF120958.D

Acq: 21 Jul 2020 17:17

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1B

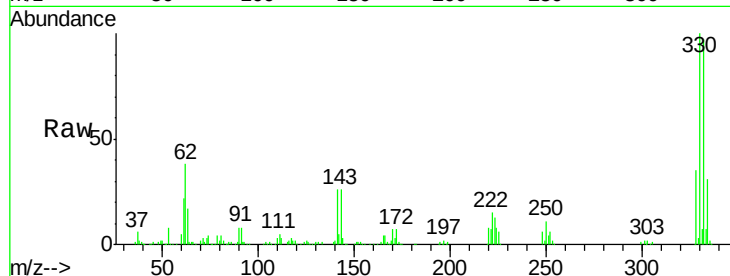
Tot Ion:330 Resp: 396175

Ion Ratio Lower Upper

330 100

332 96.4 75.5 113.3

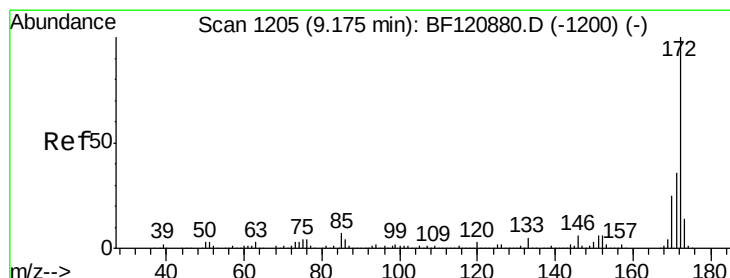
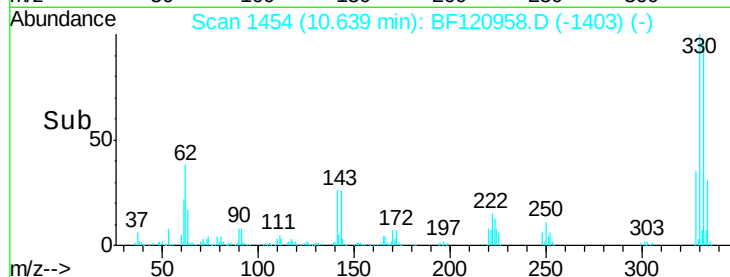
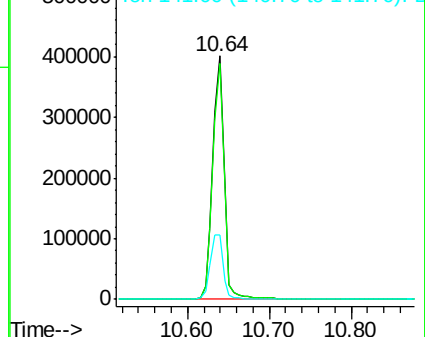
141 30.2 25.7 38.5



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: 62.050 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF120958.D

Acq: 21 Jul 2020 17:17

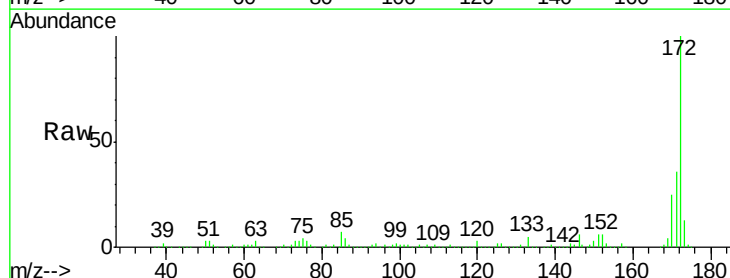
Tgt Ion:172 Resp: 1509530

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.4

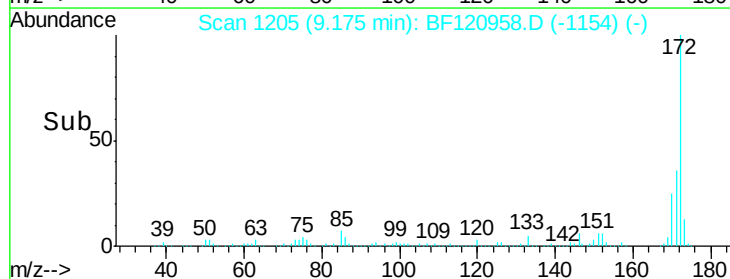
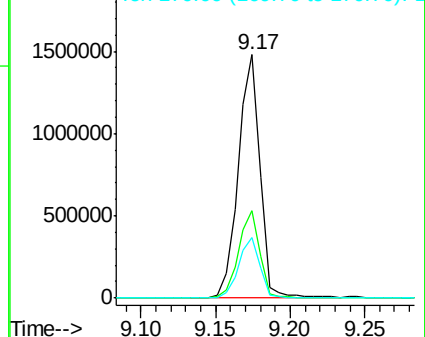
170 24.8 19.6 29.4

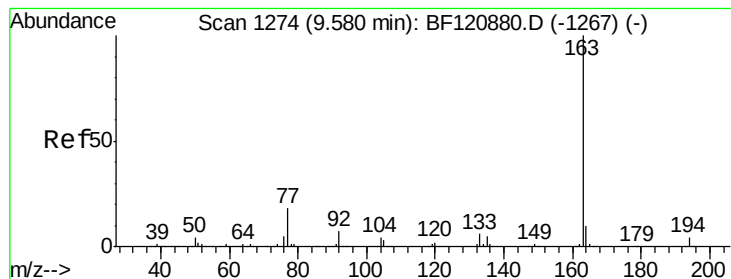


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 10.551 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF120958.D

Acq: 21 Jul 2020 17:17

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1B

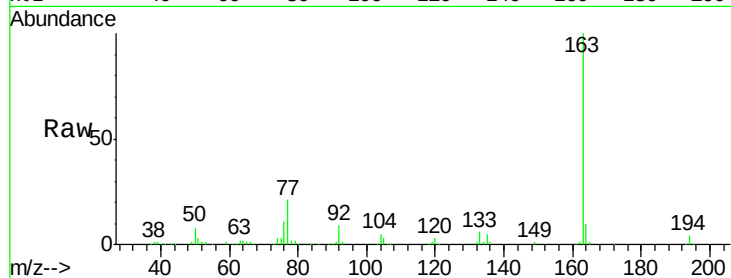
Tot Ion:163 Resp: 276493

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

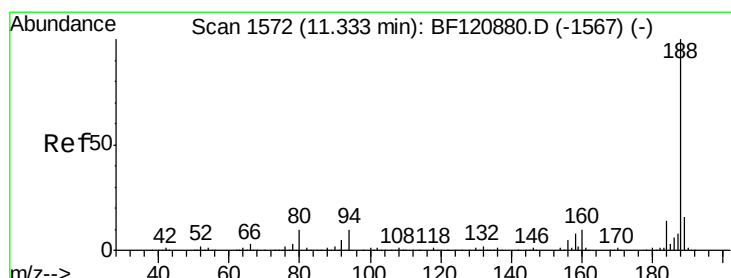
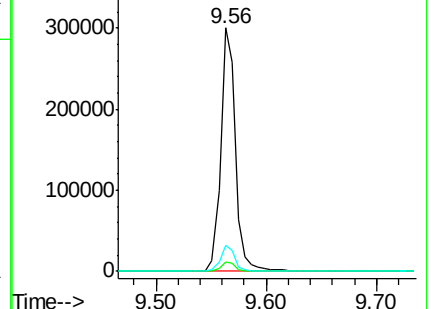
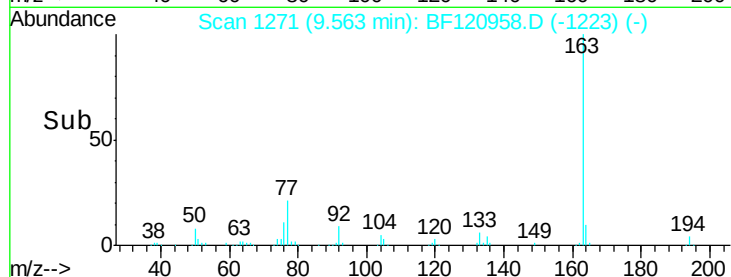
164 10.4 7.9 11.9



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: BF120958.D

Acq: 21 Jul 2020 17:17

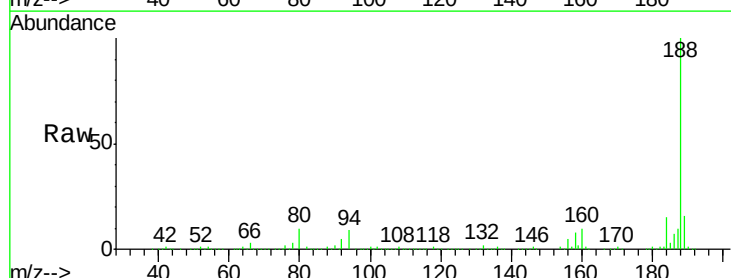
Tgt Ion:188 Resp: 719413

Ion Ratio Lower Upper

188 100

94 9.3 8.0 12.0

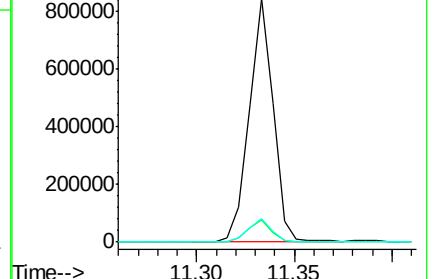
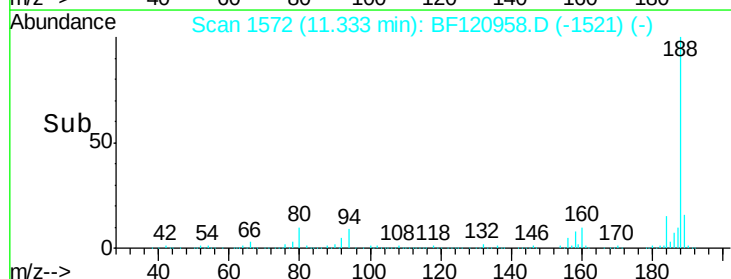
80 9.8 8.3 12.5

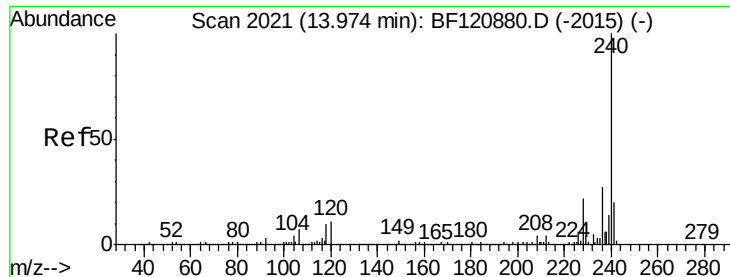


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF120958.D

Acq: 21 Jul 2020 17:17

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1B

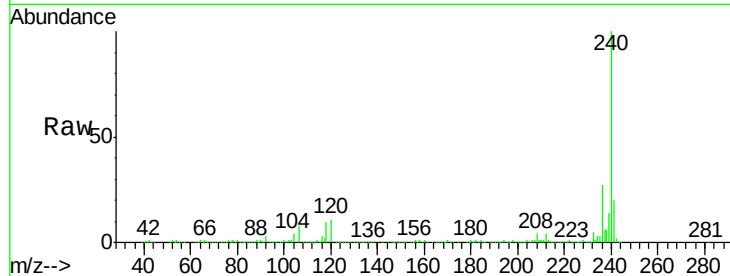
Tot Ion:240 Resp: 582718

Ion Ratio Lower Upper

240 100

120 11.4 9.0 13.4

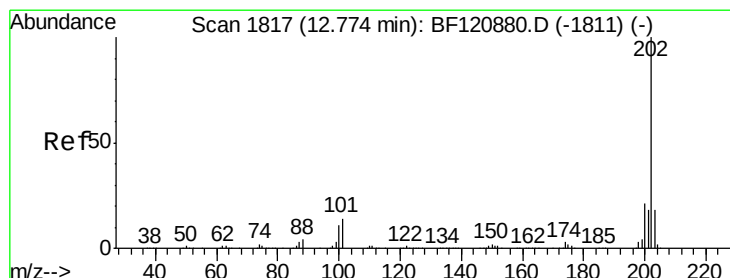
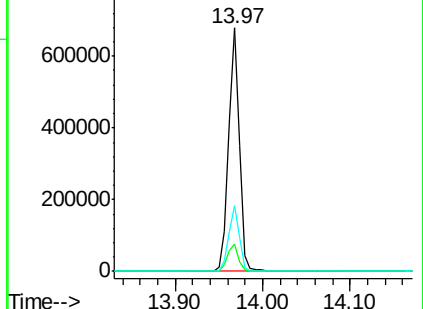
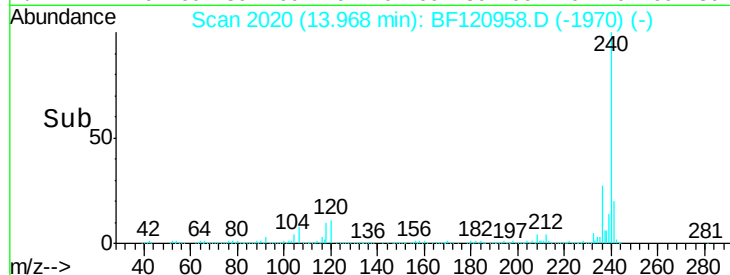
236 26.8 21.7 32.5



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

Pyrene

Concen: 2.377 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF120958.D

Acq: 21 Jul 2020 17:17

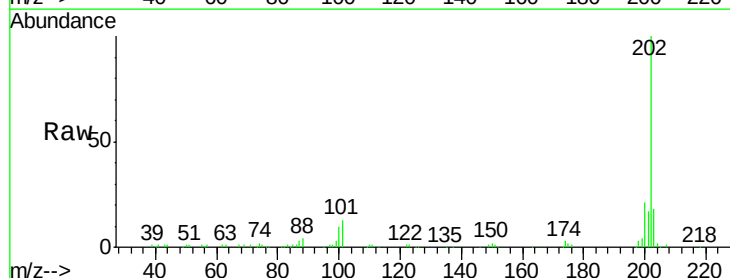
Tgt Ion:202 Resp: 97941

Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.4

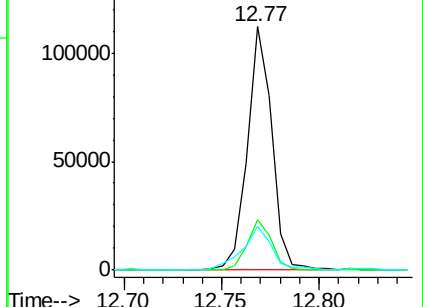
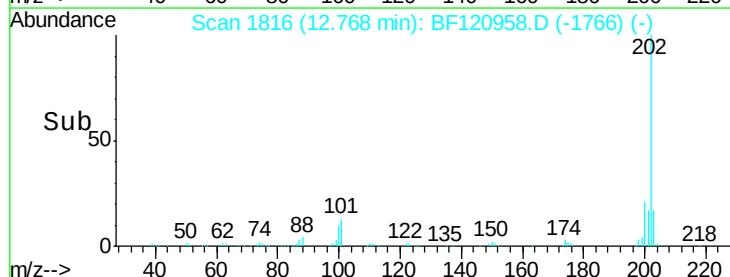
203 17.9 14.4 21.6

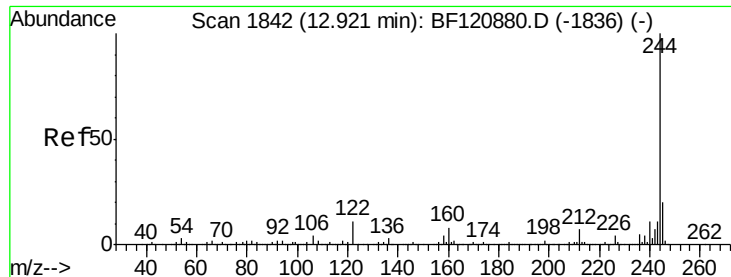


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 60.110 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120958.D

Acq: 21 Jul 2020 17:17

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1B

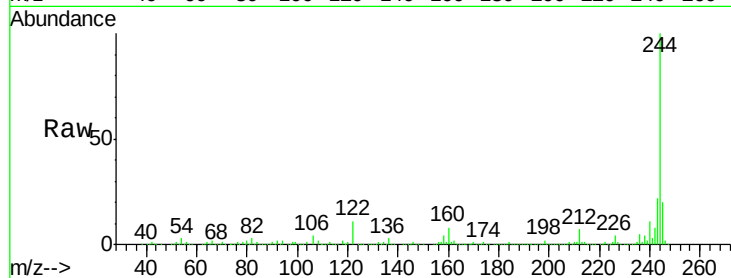
Tot Ion:244 Resp: 1611340

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

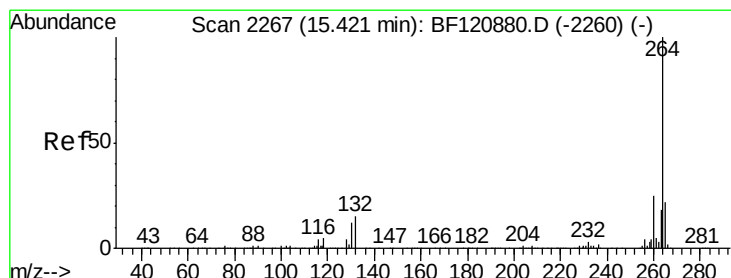
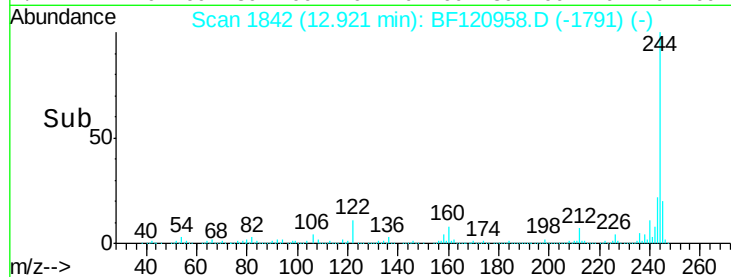
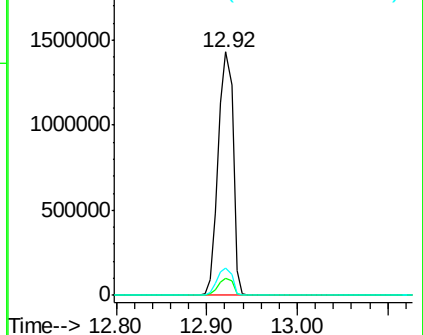
122 10.9 8.9 13.3



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: BF120958.D

Acq: 21 Jul 2020 17:17

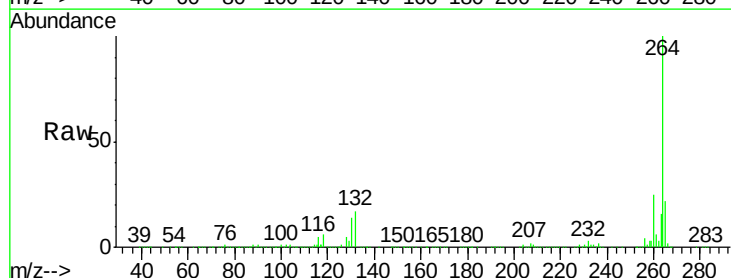
Tgt Ion:264 Resp: 502319

Ion Ratio Lower Upper

264 100

260 24.6 20.0 30.0

265 22.1 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

