

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
 Data File : BF120734.D
 Acq On : 29 Jun 2020 18:21
 Operator : JU/CG
 Sample : L3129-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1446

Quant Time: Jun 30 00:30:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 15:30:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	50840	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	188825	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	96770	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	181479	20.00	ng	0.01
76) Chrysene-d12	13.96	240	133894	20.00	ng	0.00
86) Perylene-d12	15.41	264	249335	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	526313	177.49	ng	0.08
7) Phenol-d6	6.52	99	227489	61.59	ng	0.09
23) Nitrobenzene-d5	7.36	82	259108	76.70	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	59040	52.48	ng	0.02
45) 2-Fluorobiphenyl	9.16	172	557419	88.13	ng	0.00
79) Terphenyl-d14	12.91	244	643869	106.22	ng	0.01

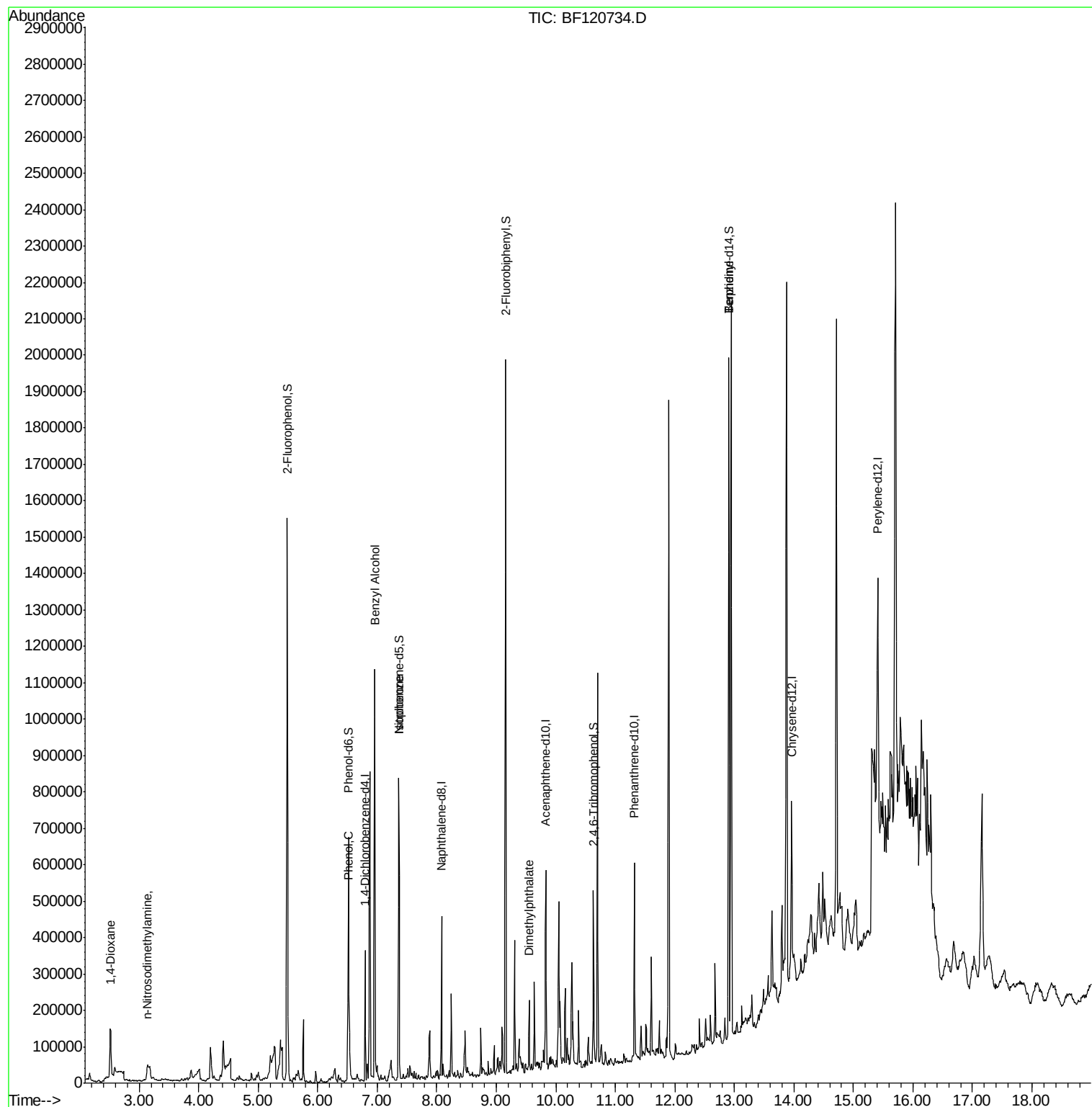
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.52	88	7884	5.610	ng	# 1
4) n-Nitrosodimethylamine	3.14	42	12404	7.565	ng	# 1
10) Phenol	6.53	94	39087	9.919	ng	85
15) Benzyl Alcohol	6.96	79	9816	3.748	ng	# 63
25) Isophorone	7.36	82	259105	39.375	ng	# 62
50) Dimethylphthalate	9.55	163	59854	8.588	ng	99
77) Benzidine	12.91	184	9238	2.040	ng	# 85

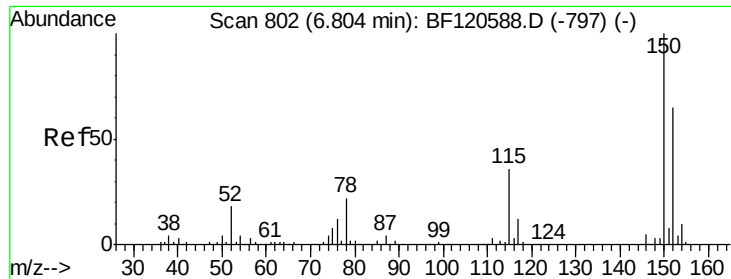
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120734.D
Acq On : 29 Jun 2020 18:21
Operator : JU/CG
Sample : L3129-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1446

Quant Time: Jun 30 00:30:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 15:30:14 2020
Response via : Initial Calibration



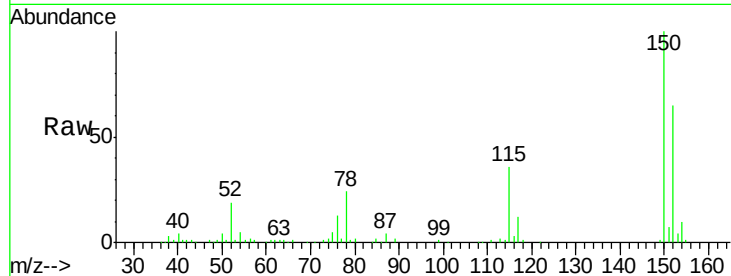


#1

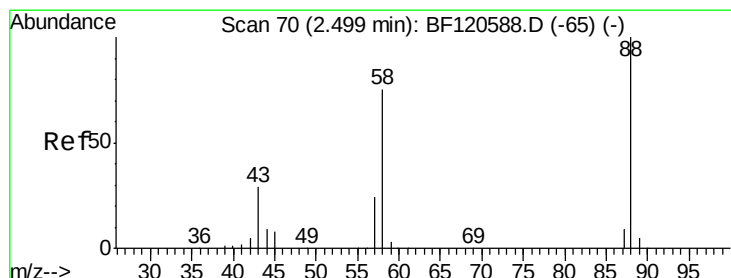
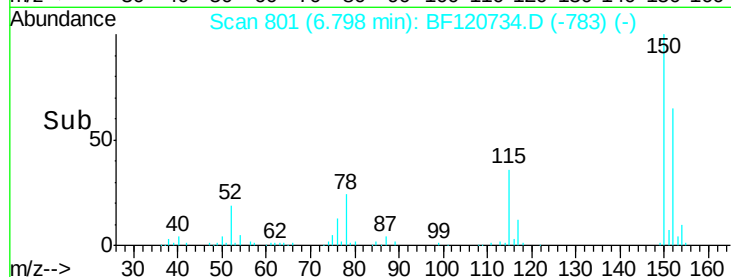
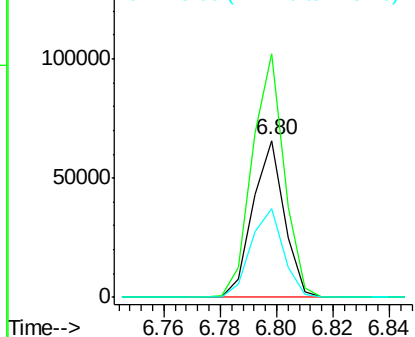
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF120734.D
Acq: 29 Jun 2020 18:21

Instrument :
BNA_F
ClientSampled :
1446

Tot Ion:152 Resp: 50840
Ion Ratio Lower Upper
152 100
150 155.0 124.6 187.0
115 56.5 44.2 66.4



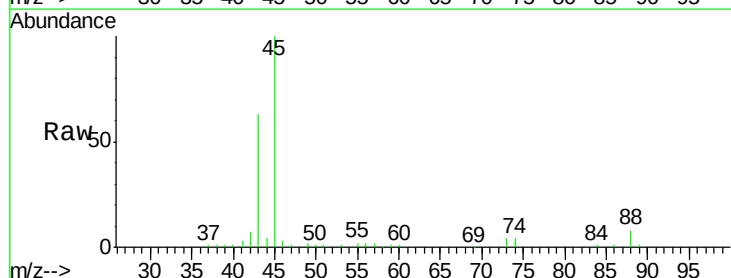
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



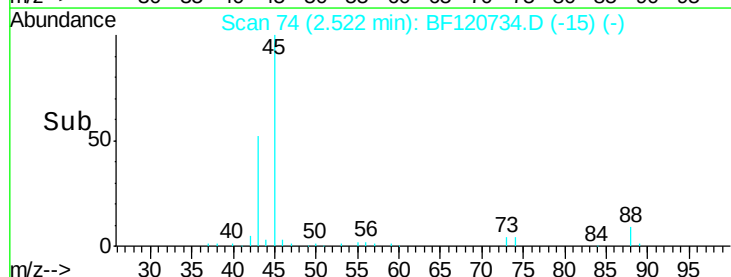
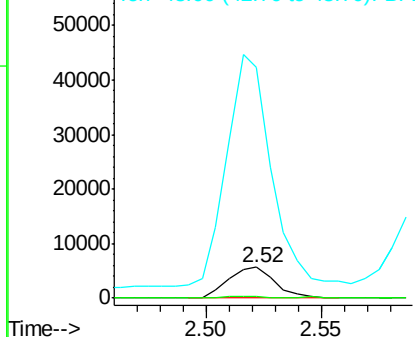
#2

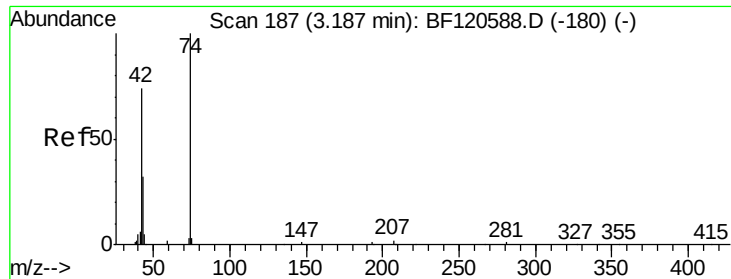
1,4-Dioxane
Concen: 5.610 ng
RT: 2.52 min Scan# 74
Delta R.T. 0.05 min
Lab File: BF120734.D
Acq: 29 Jun 2020 18:21

Tgt Ion: 88 Resp: 7884
Ion Ratio Lower Upper
88 100
58 4.9 58.5 87.7#
43 881.5 21.8 32.8#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#4

n-Nitrosodimethylamine

Concen: 7.565 ng

RT: 3.14 min Scan# 179

Delta R.T. -0.02 min

Lab File: BF120734.D

Acq: 29 Jun 2020 18:21

Instrument :

BNA_F

ClientSampleId :

1446

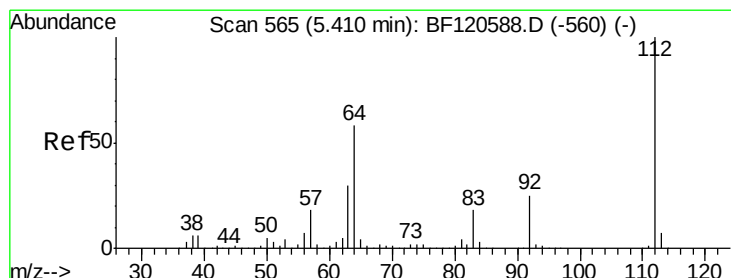
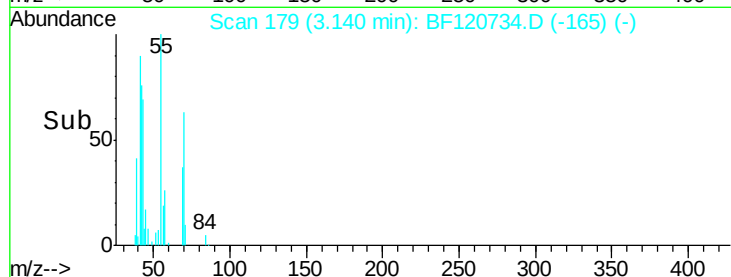
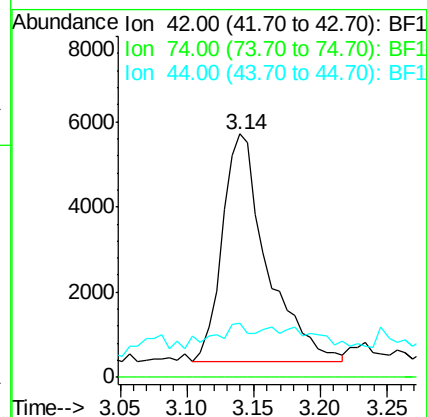
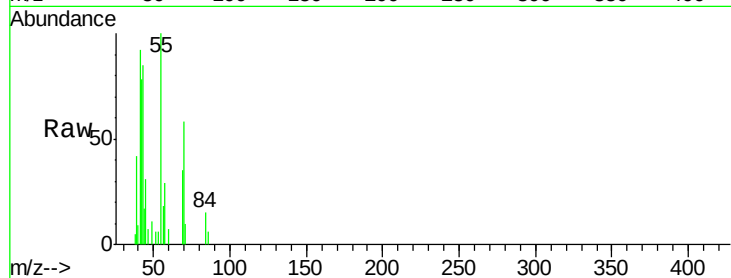
Tot Ion: 42 Resp: 12404

Ion Ratio Lower Upper

42 100

74 0.0 110.7 166.1#

44 22.0 5.6 8.4#



#5

2-Fluorophenol

Concen: 177.486 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.08 min

Lab File: BF120734.D

Acq: 29 Jun 2020 18:21

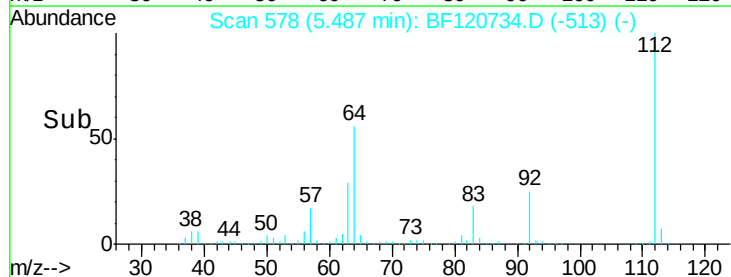
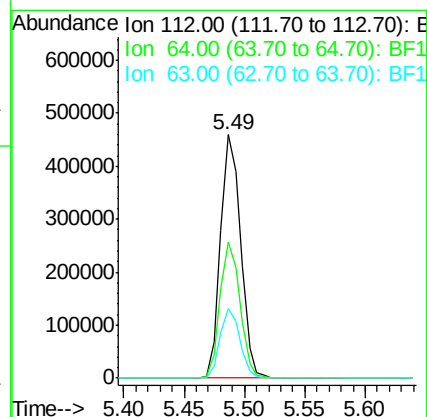
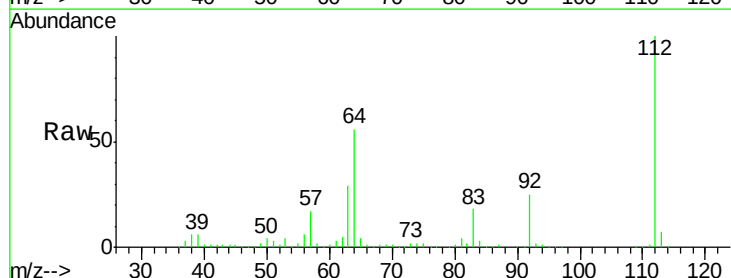
Tgt Ion: 112 Resp: 526313

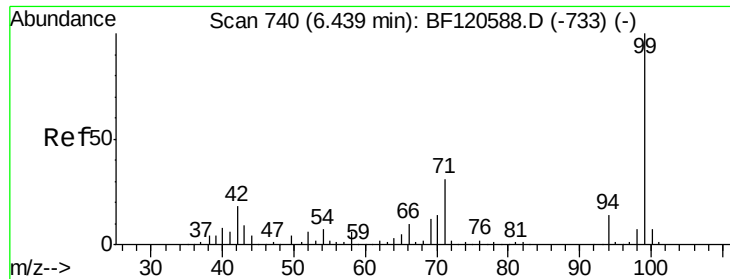
Ion Ratio Lower Upper

112 100

64 55.6 42.2 63.2

63 28.8 21.7 32.5





#7

Phenol-d6

Concen: 61.594 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.09 min

Lab File: BF120734.D

Acq: 29 Jun 2020 18:21

Instrument :

BNA_F

ClientSampleId :

1446

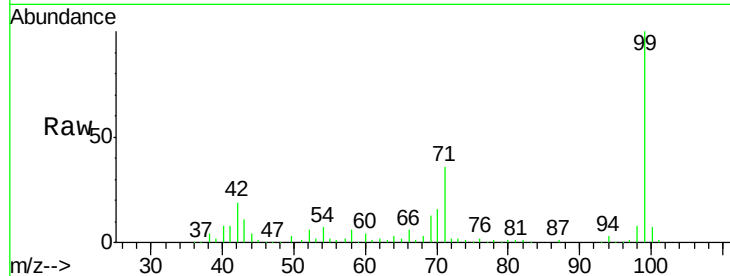
Tot Ion: 99 Resp: 227489

Ion Ratio Lower Upper

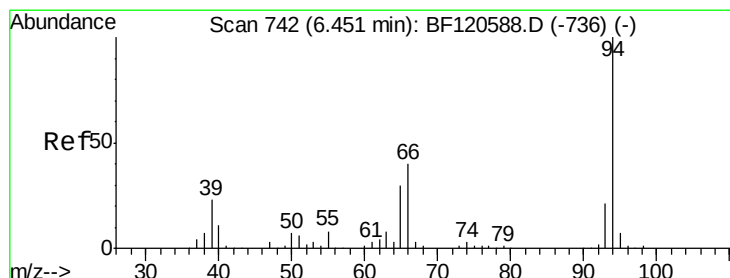
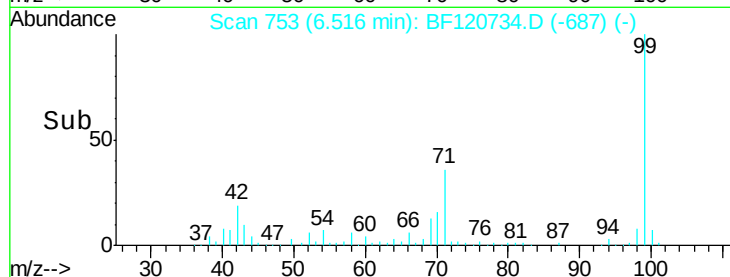
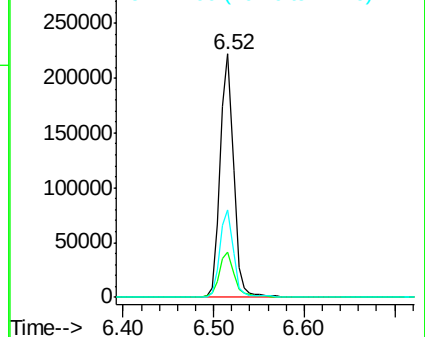
99 100

42 18.8 14.2 21.4

71 36.1 25.4 38.2



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



#10

Phenol

Concen: 9.919 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.08 min

Lab File: BF120734.D

Acq: 29 Jun 2020 18:21

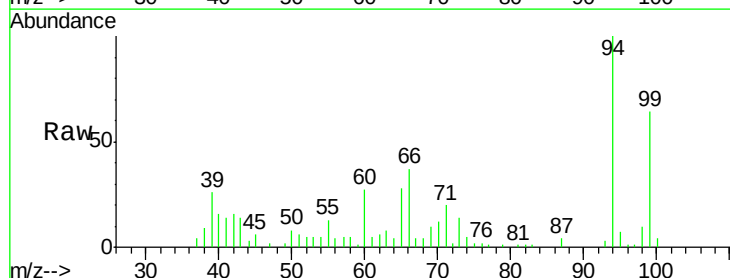
Tgt Ion: 94 Resp: 39087

Ion Ratio Lower Upper

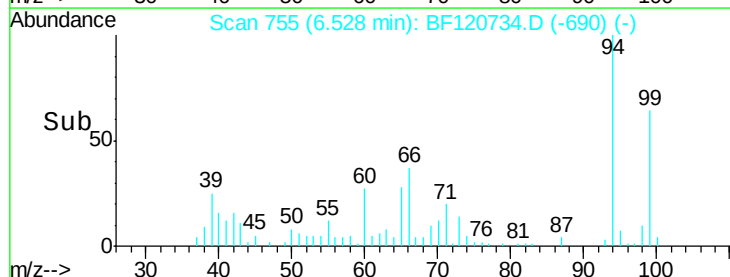
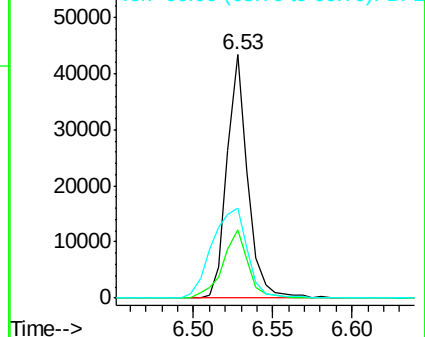
94 100

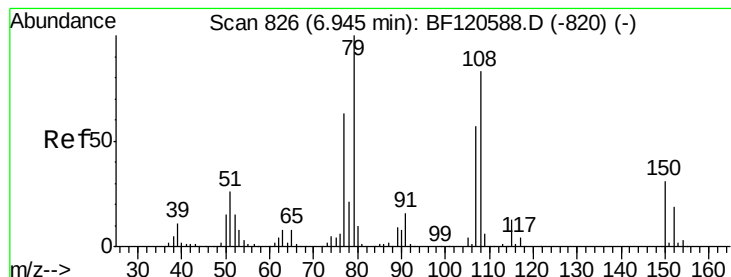
65 28.2 13.6 53.6

66 36.9 29.2 69.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#15

Benzyl Alcohol

Concen: 3.748 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.02 min

Lab File: BF120734.D

Acq: 29 Jun 2020 18:21

Instrument :

BNA_F

ClientSampled :

1446

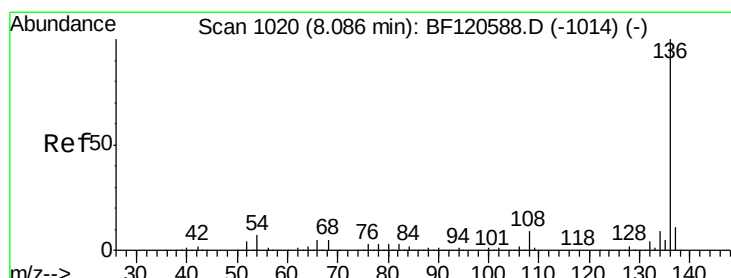
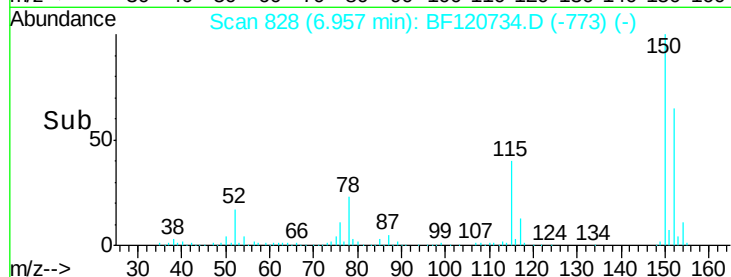
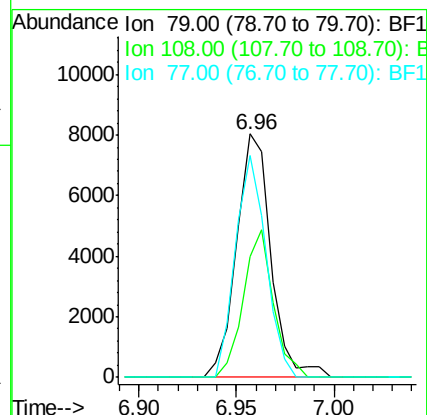
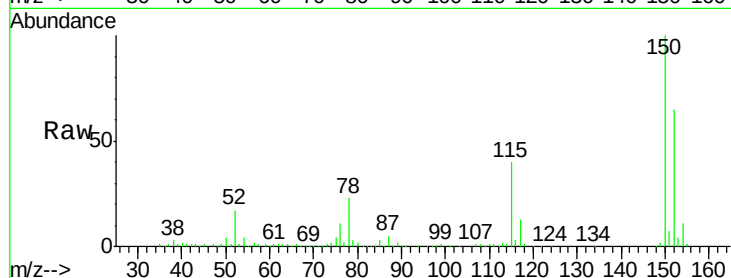
Tot Ion: 79 Resp: 9816

Ion Ratio Lower Upper

79 100

108 49.5 66.1 99.1#

77 90.9 49.8 74.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BF120734.D

Acq: 29 Jun 2020 18:21

Tgt Ion: 136 Resp: 188825

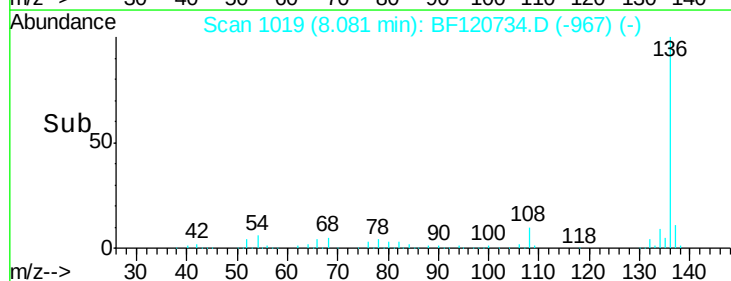
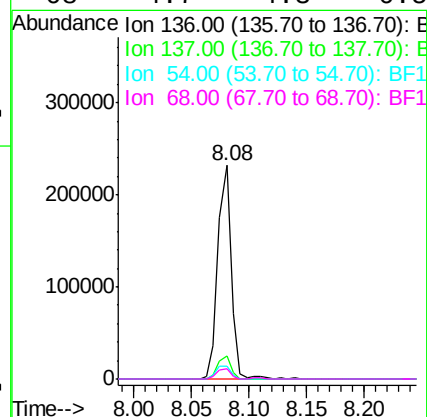
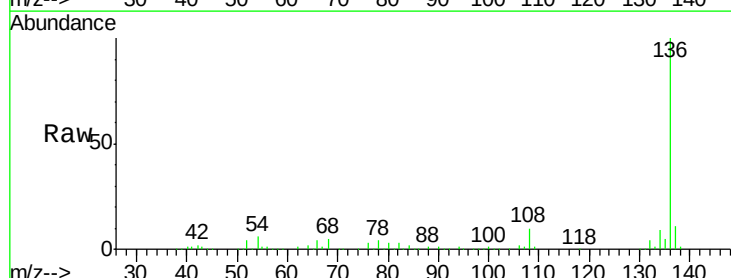
Ion Ratio Lower Upper

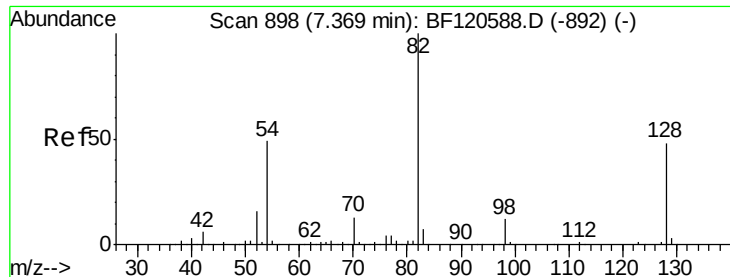
136 100

137 10.7 8.6 12.8

54 6.2 5.3 7.9

68 4.7 4.3 6.5

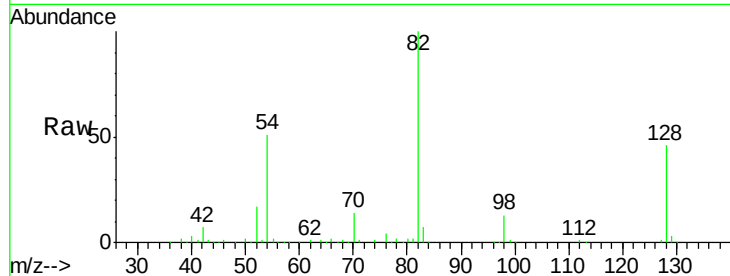




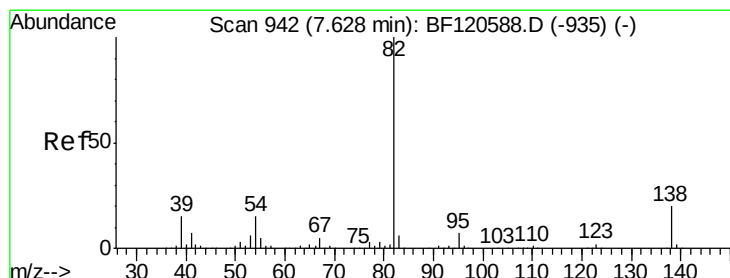
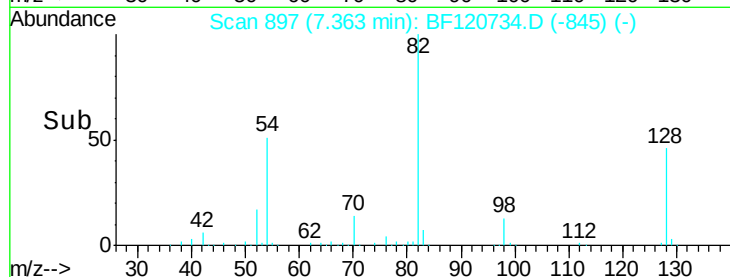
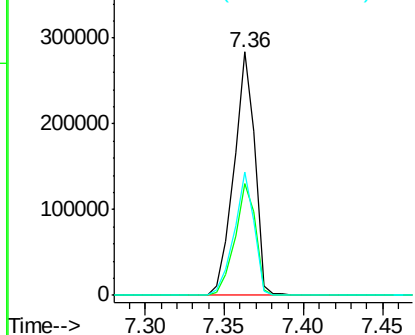
#23
 Nitrobenzene-d5
 Concen: 76.702 ng
 RT: 7.36 min Scan# 897
 Delta R.T. 0.01 min
 Lab File: BF120734.D
 Acq: 29 Jun 2020 18:21

Instrument :
 BNA_F
 ClientSampleId :
 1446

Tot Ion	82	Resp	259108
Ion Ratio	Lower	Upper	
82	100		
128	45.8	38.1	57.1
54	50.8	38.8	58.2

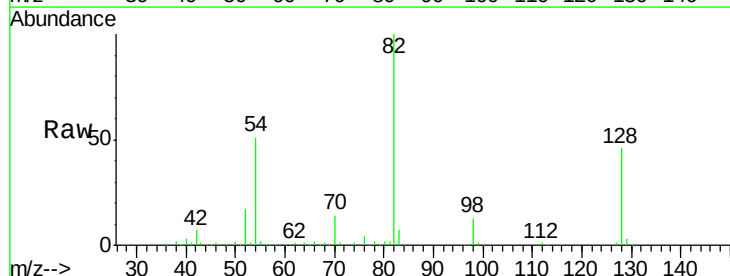


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

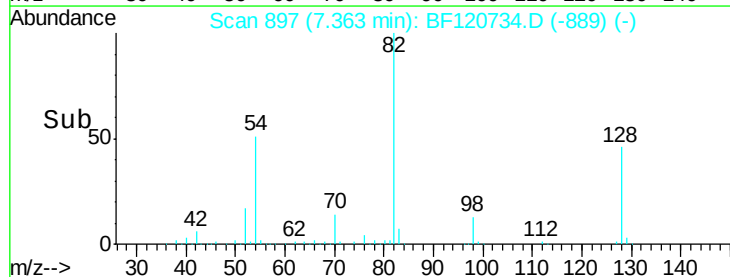
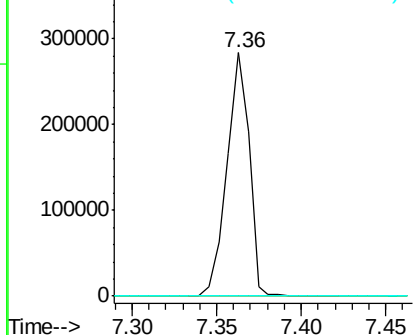


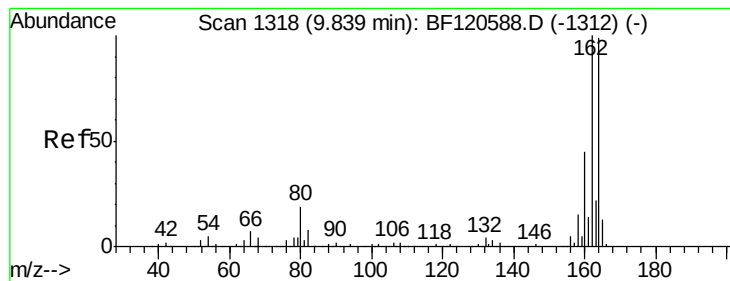
#25
 Isophorone
 Concen: 39.375 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.25 min
 Lab File: BF120734.D
 Acq: 29 Jun 2020 18:21

Tgt Ion	82	Resp	259105
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.6	8.4#
138	0.0	16.1	24.1#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF120734.D

Acq: 29 Jun 2020 18:21

Instrument :

BNA_F

ClientSampleId :

1446

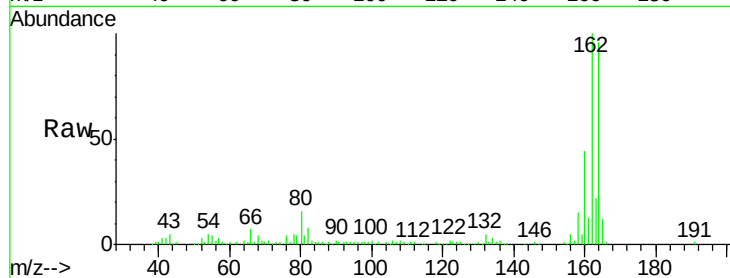
Tot Ion:164 Resp: 96770

Ion Ratio Lower Upper

164 100

162 103.9 81.4 122.0

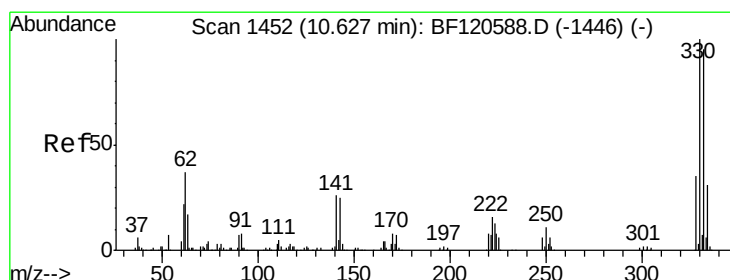
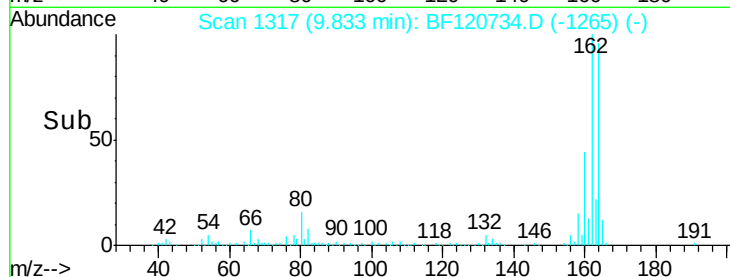
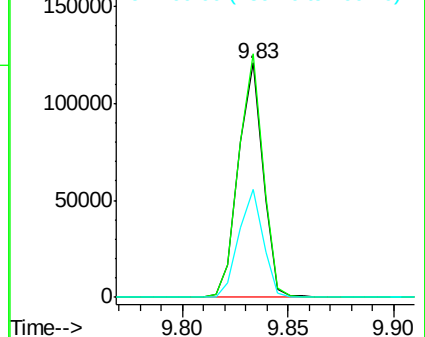
160 46.1 36.6 55.0



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: 52.476 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.02 min

Lab File: BF120734.D

Acq: 29 Jun 2020 18:21

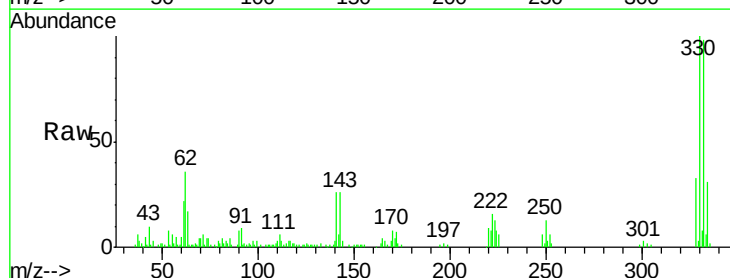
Tgt Ion:330 Resp: 59040

Ion Ratio Lower Upper

330 100

332 96.7 76.4 114.6

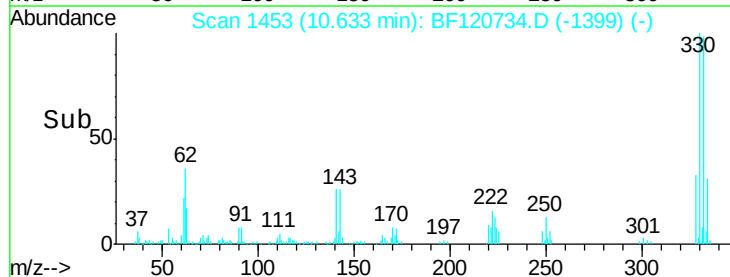
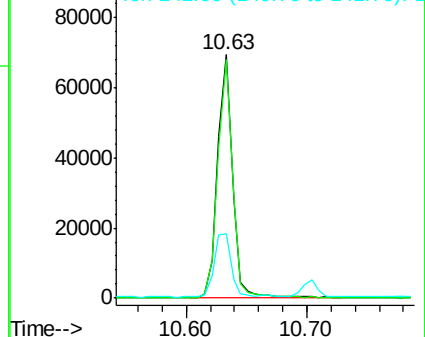
141 31.2 23.0 34.6

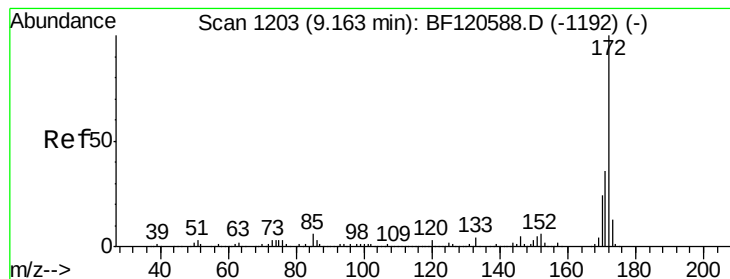


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 88.131 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF120734.D

Acq: 29 Jun 2020 18:21

Instrument :

BNA_F

ClientSampleId :

1446

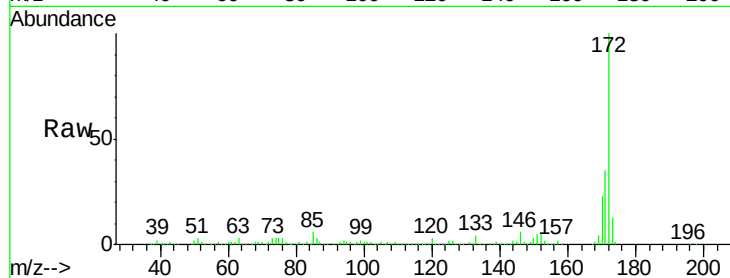
Tot Ion:172 Resp: 557419

Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

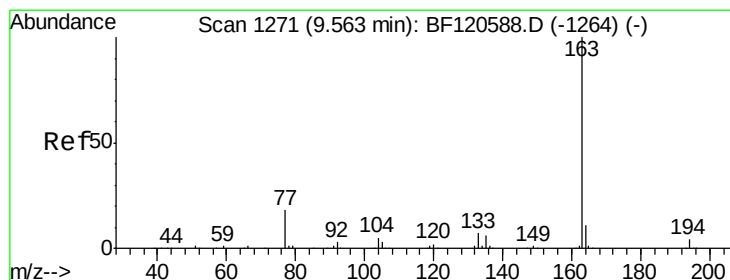
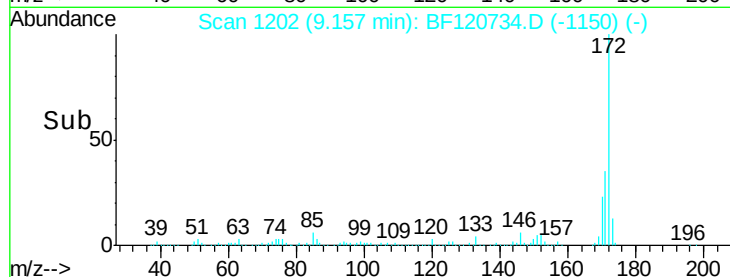
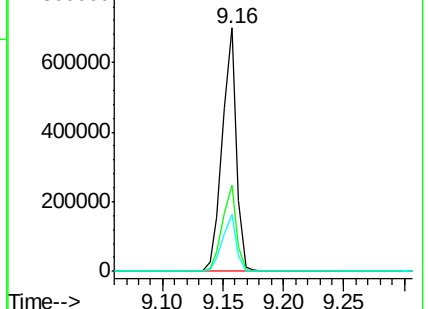
170 23.1 19.1 28.7



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: 8.588 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF120734.D

Acq: 29 Jun 2020 18:21

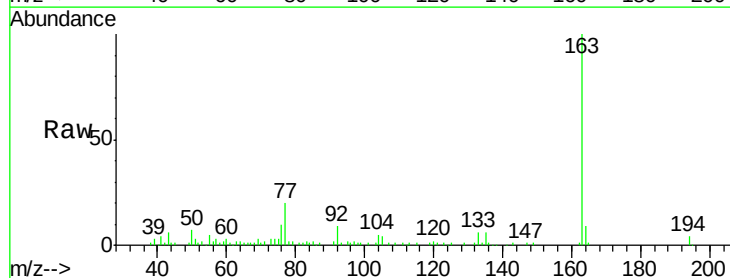
Tgt Ion:163 Resp: 59854

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

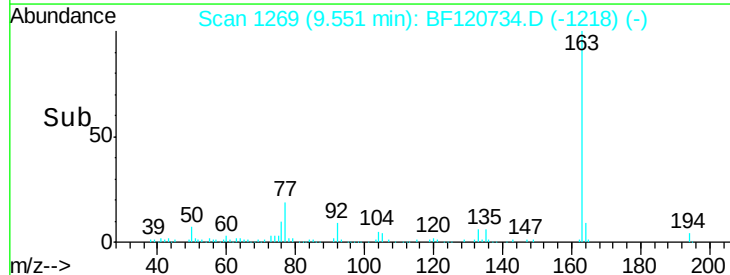
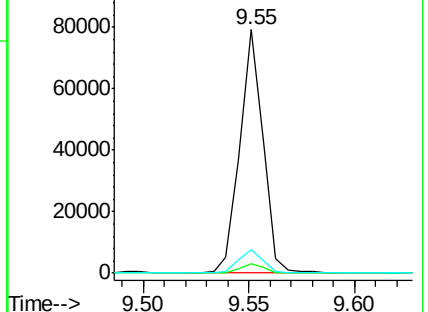
164 9.5 8.2 12.2

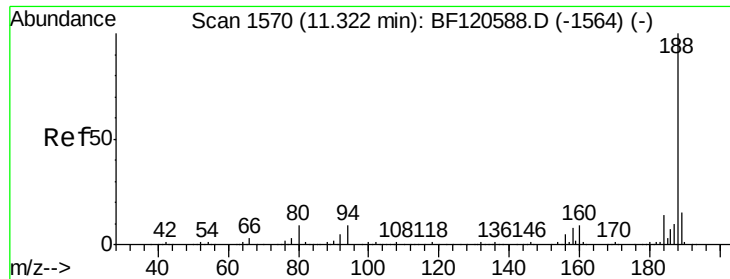


Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.32 min Scan# 1570

Delta R.T. 0.01 min

Lab File: BF120734.D

Acq: 29 Jun 2020 18:21

Instrument :

BNA_F

ClientSampleId :

1446

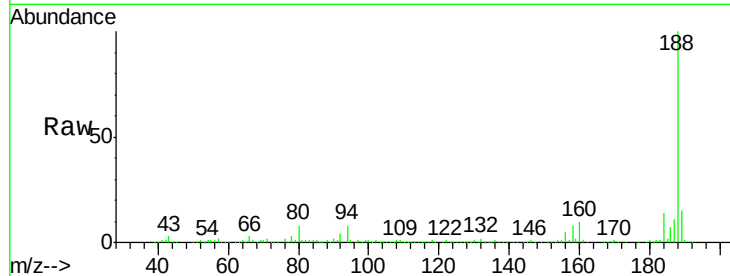
Tot Ion:188 Resp: 181479

Ion Ratio Lower Upper

188 100

94 7.5 7.5 11.3#

80 7.8 7.7 11.5

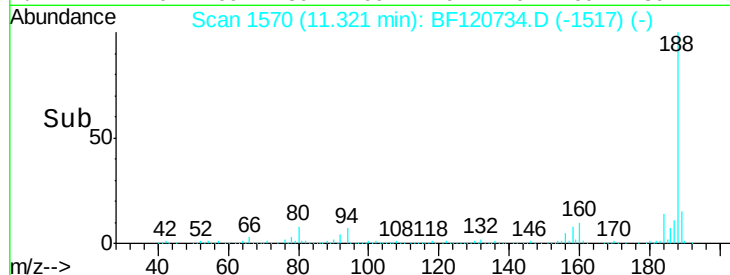


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

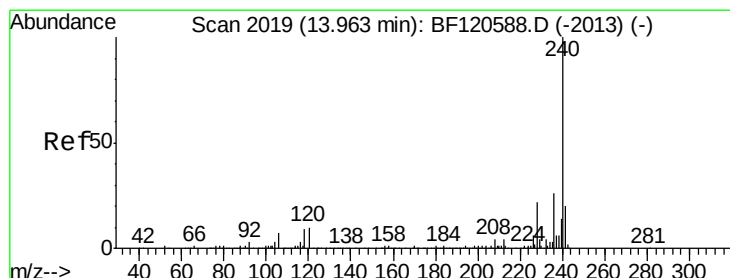
Ion 80.00 (79.70 to 80.70): BF1

Time-->



11.32

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF120734.D

Acq: 29 Jun 2020 18:21

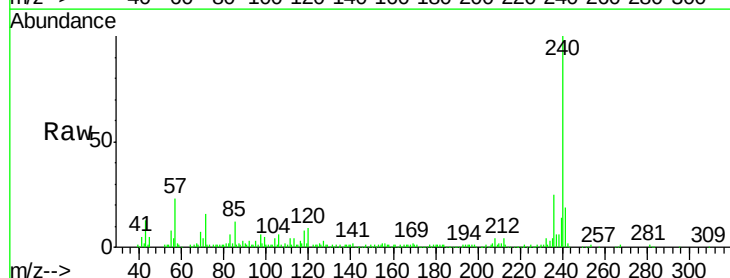
Tgt Ion:240 Resp: 133894

Ion Ratio Lower Upper

240 100

120 9.2 7.6 11.4

236 24.6 21.0 31.4

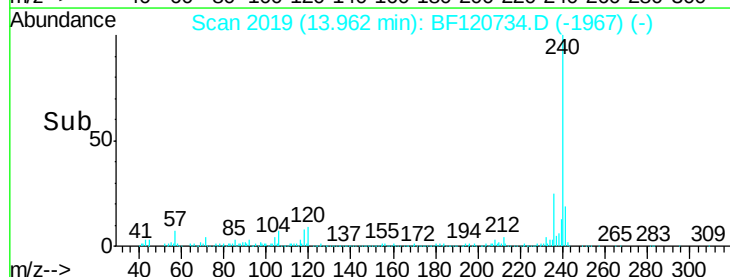


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

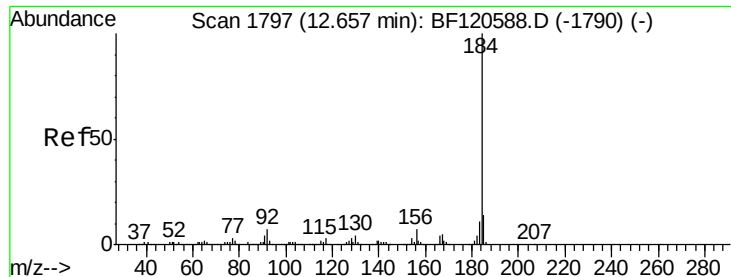
Ion 236.00 (235.70 to 236.70): E

Time-->



13.96

Time-->



#77

Benzidine

Concen: 2.040 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.26 min

Lab File: BF120734.D

Acq: 29 Jun 2020 18:21

Instrument :

BNA_F

ClientSampled :

1446

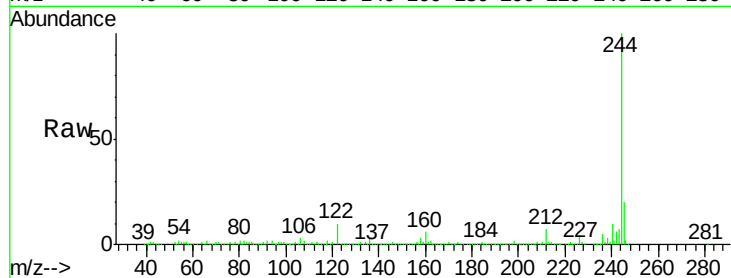
Tot Ion:184 Resp: 9238

Ion Ratio Lower Upper

184 100

185 21.9 11.9 17.9#

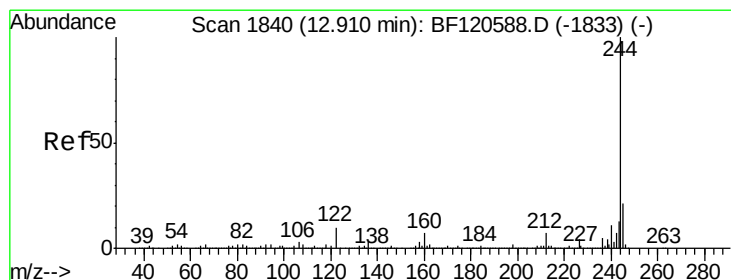
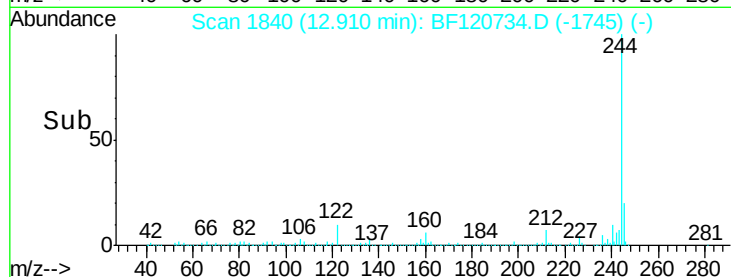
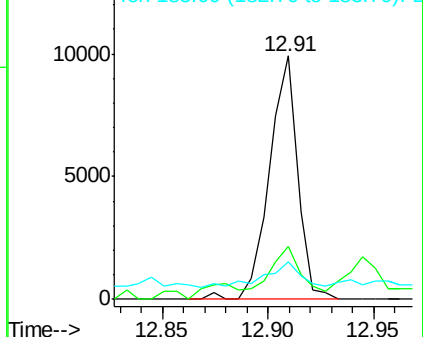
183 15.3 8.6 12.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 106.221 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF120734.D

Acq: 29 Jun 2020 18:21

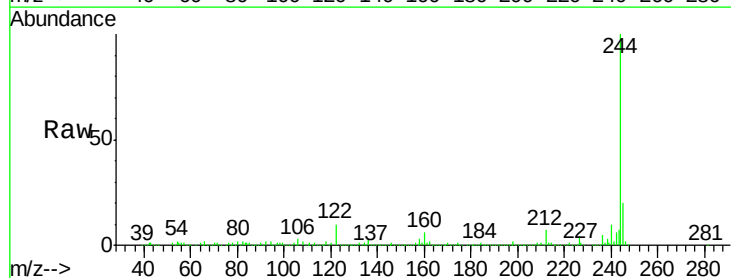
Tgt Ion:244 Resp: 643869

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

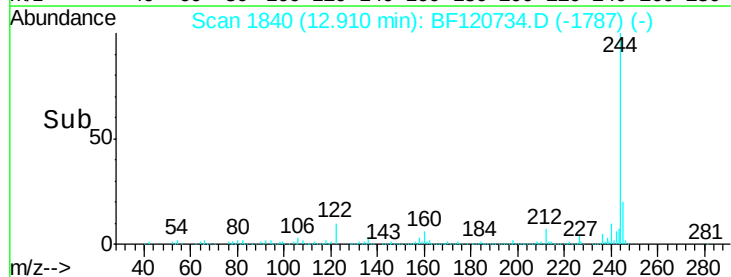
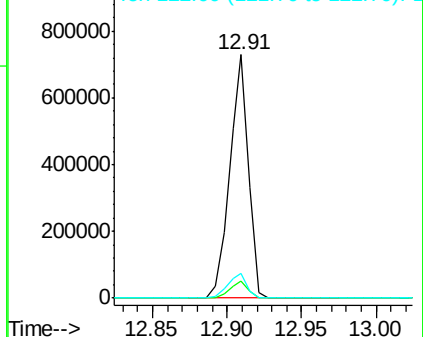
122 10.1 8.8 13.2

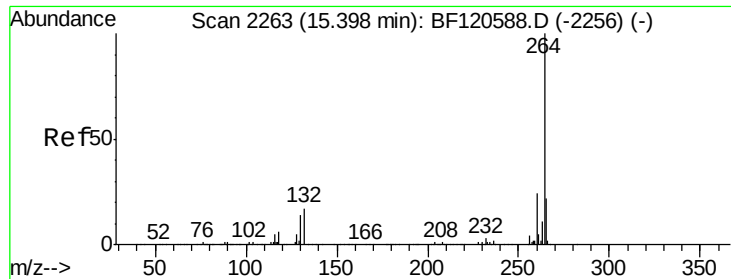


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

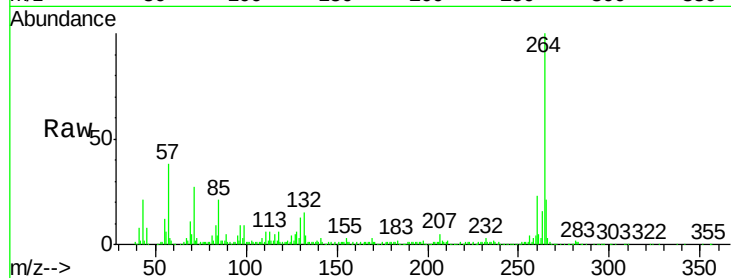




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.02 min
Lab File: BF120734.D
Acq: 29 Jun 2020 18:21

Instrument :
BNA_F
ClientSampleId :
1446

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	21.4	17.4	26.0



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

