

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF120019.D
 Acq On : 16 Apr 2020 3:46
 Operator : MA/SJ
 Sample : L2261-01
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-632-EB

Quant Time: Apr 16 05:31:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

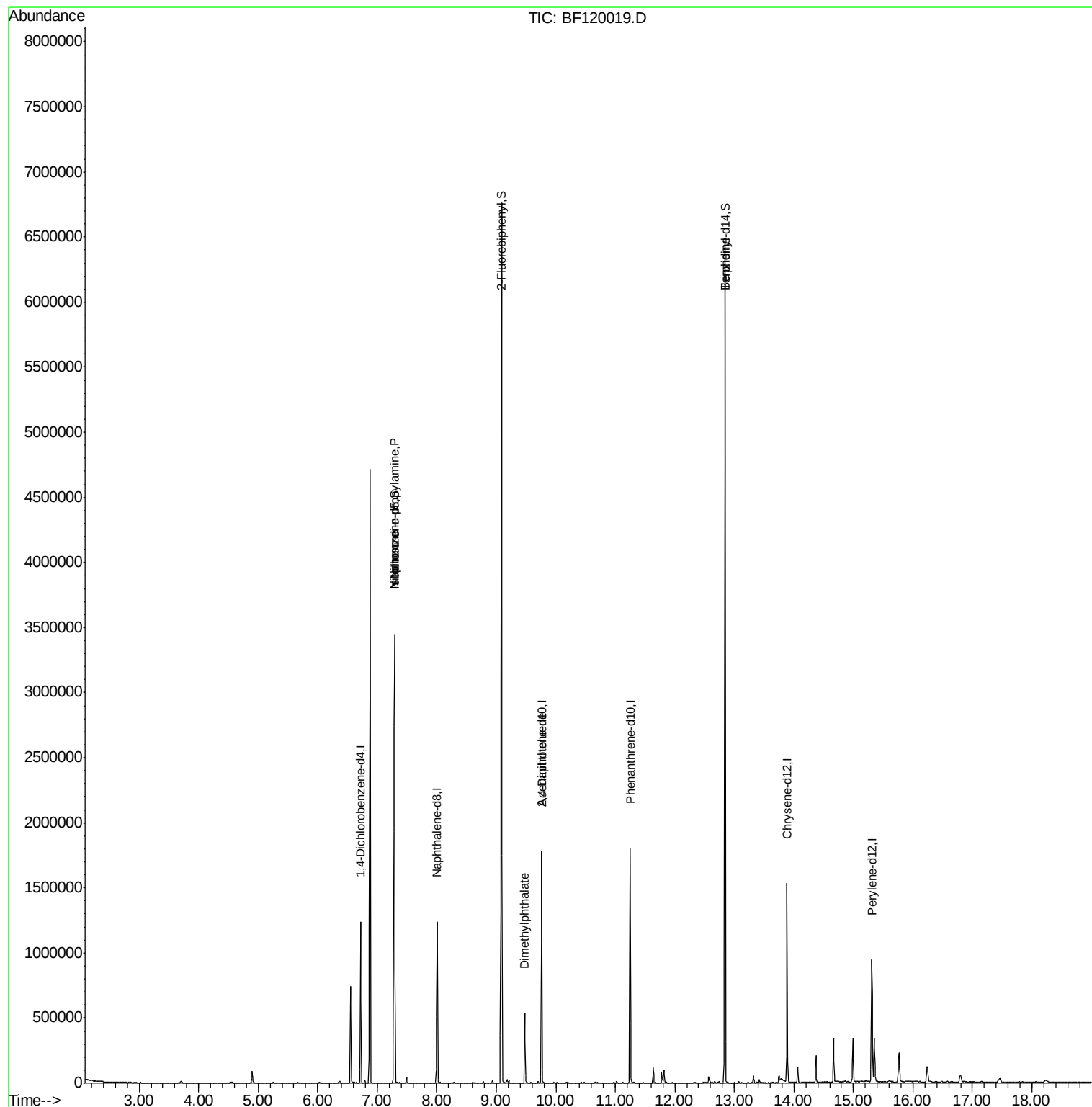
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	163133	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	591951	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	336614	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	673047	20.00	ng	0.00
76) Chrysene-d12	13.89	240	496017	20.00	ng	-0.01
87) Perylene-d12	15.31	264	411790	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.36	99	3104	0.26	ng	-0.01
23) Nitrobenzene-d5	7.29	82	1184830	103.55	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.09	172	2248996	94.86	ng	0.00
79) Terphenyl-d14	12.84	244	2727917	92.54	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	157182	20.096	ng	# 76
25) Isophorone	7.29	82	1178620	53.434	ng	# 65
50) Dimethylphthalate	9.48	163	197435	7.583	ng	99
57) 2,4-Dinitrotoluene	9.76	165	42613	5.673	ng	# 23
77) Benzidine	12.84	184	35049	2.090	ng	# 92

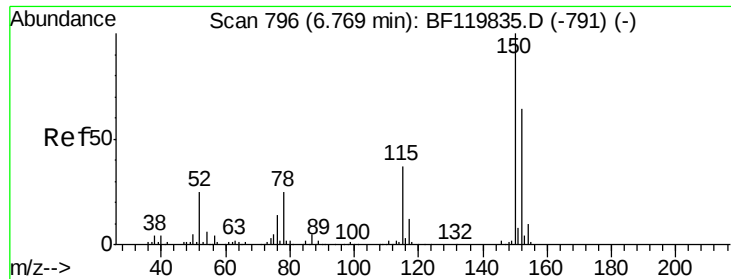
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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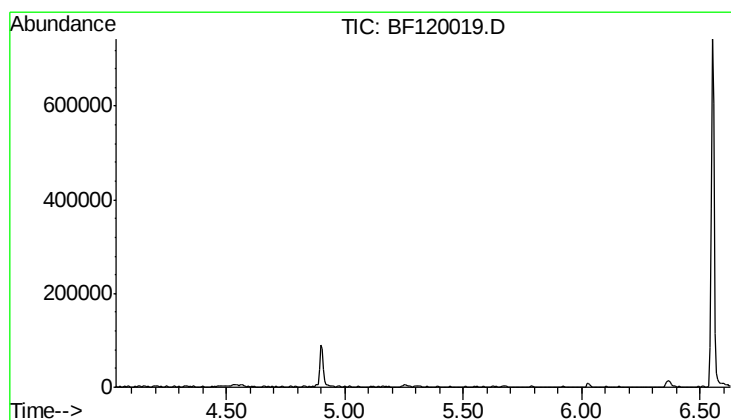
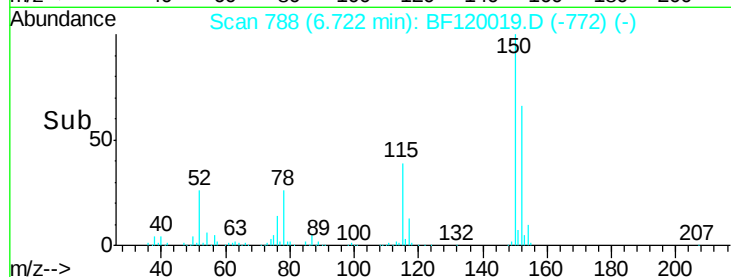
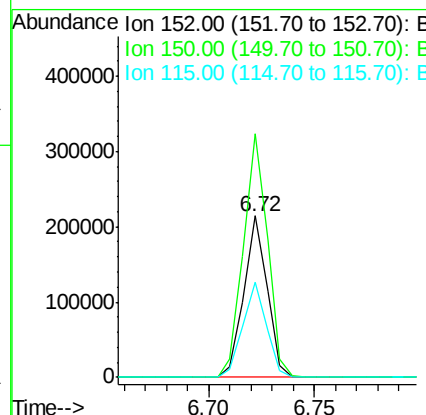
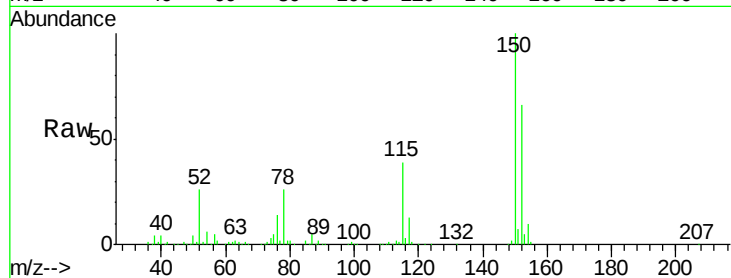


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF120019.D
Acq: 16 Apr 2020 3:46

Instrument :
BNA_F
ClientSampleId :
NCQ-632-EB

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.8	124.8	187.2
115	58.9	46.5	69.7

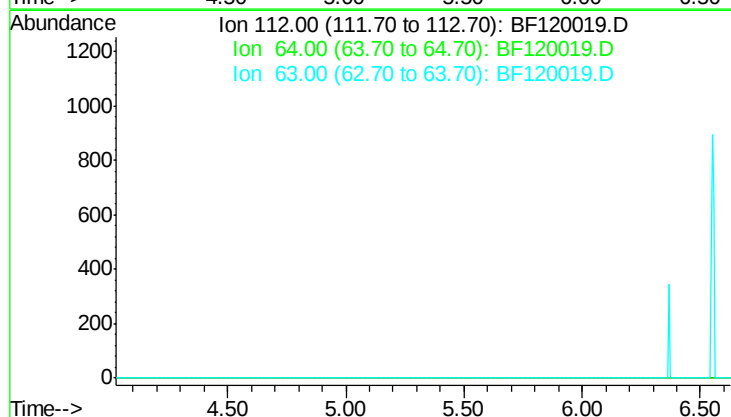


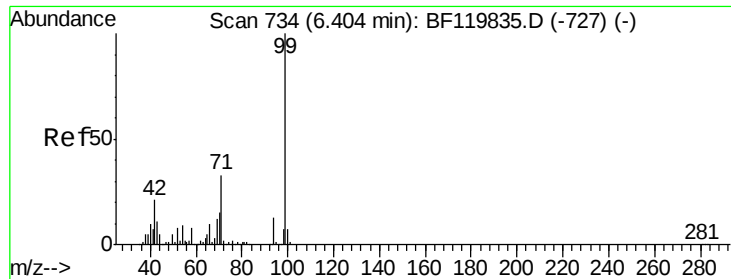
#5

2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.33 min

Lab File: BF120019.D
Acq: 16 Apr 2020 3:46

Tgt Ion	Sig	Exp Ratio
112	100	
64	69.4	
63	36.4	





#7

Phenol-d6

Concen: 0.255 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF120019.D

Acq: 16 Apr 2020 3:46

Instrument :

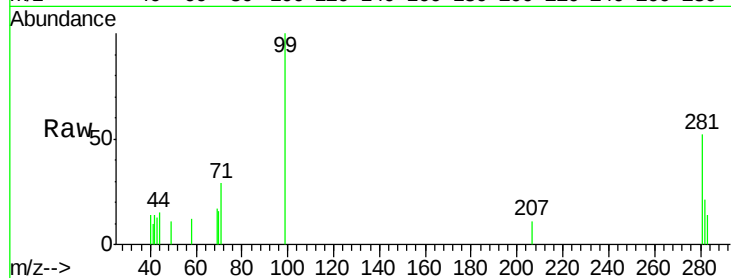
BNA_F

ClientSampleId :

NCQ-632-EB

Tot Ion: 99 Resp: 3104

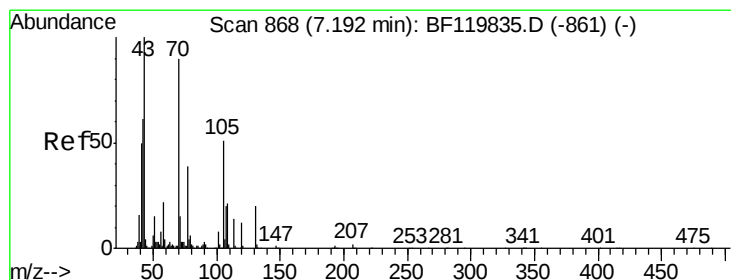
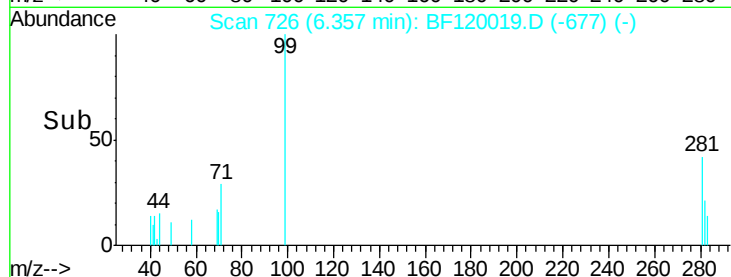
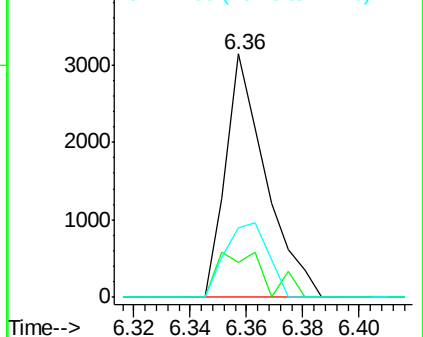
Ion	Ratio	Lower	Upper
99	100		
42	14.5	16.9	25.3#
71	28.6	26.3	39.5



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



#19

n-Nitroso-di-n-propylamine

Concen: 20.096 ng

RT: 7.29 min Scan# 885

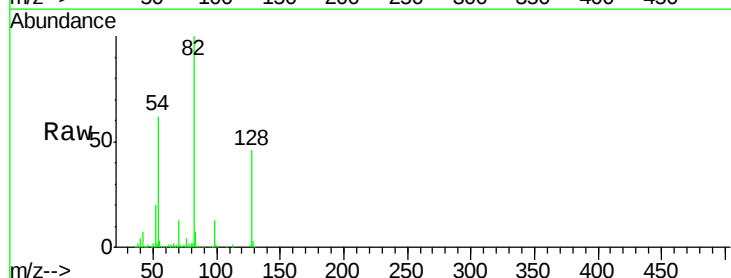
Delta R.T. 0.14 min

Lab File: BF120019.D

Acq: 16 Apr 2020 3:46

Tgt Ion: 70 Resp: 157182

Ion	Ratio	Lower	Upper
70	100		
42	53.6	54.2	81.4#
101	0.0	7.4	11.2#
130	2.1	17.8	26.6#

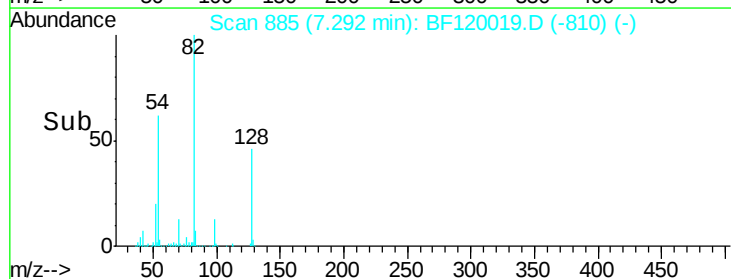
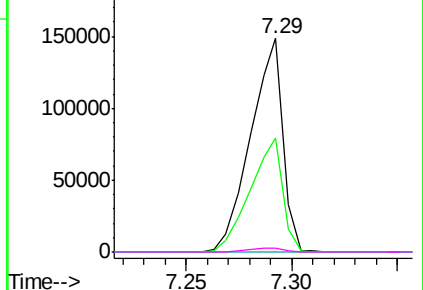


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

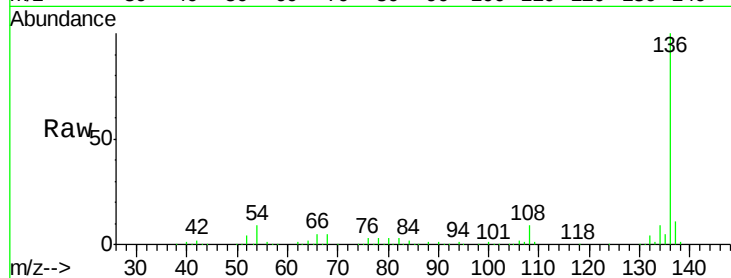




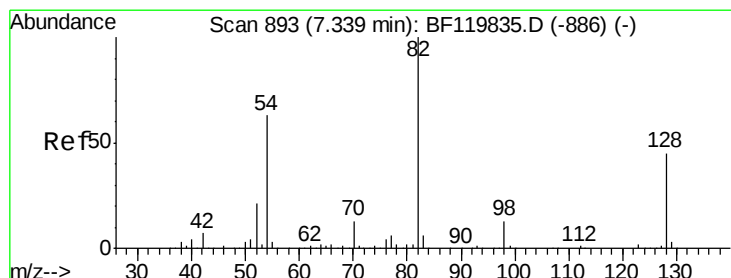
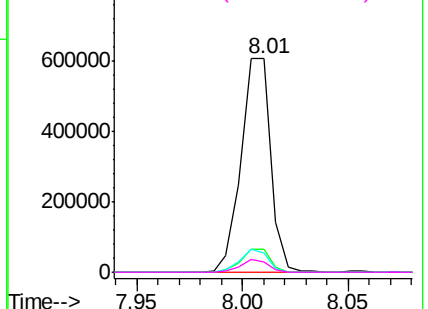
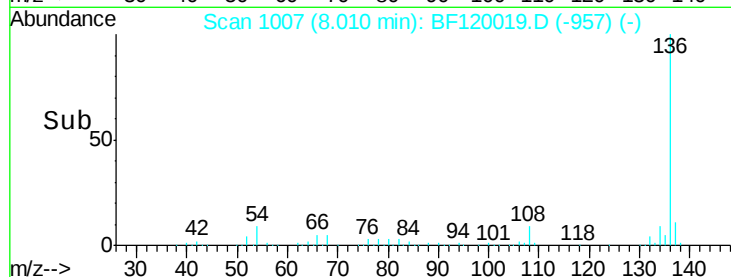
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF120019.D
Acq: 16 Apr 2020 3:46

Instrument :
BNA_F
ClientSampleId :
NCQ-632-EB

Tot Ion:136 Resp: 591951
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 8.9 8.5 12.7
68 4.8 3.9 5.9

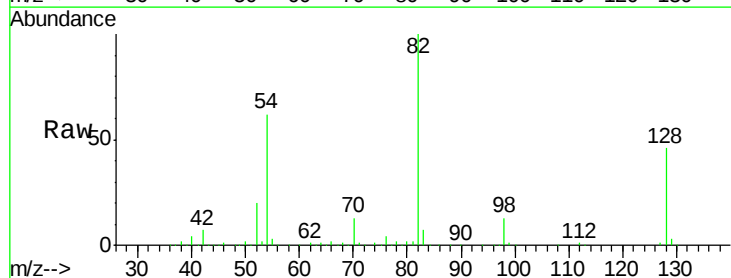


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

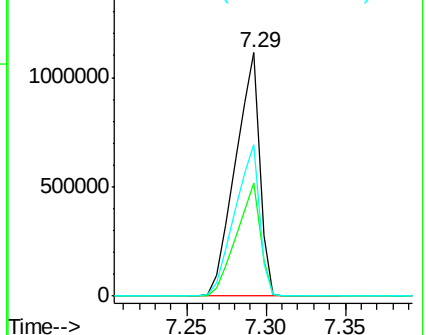
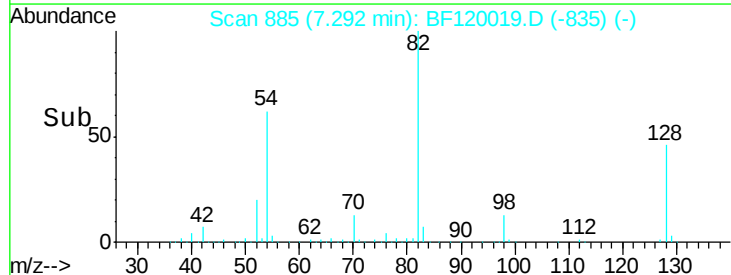


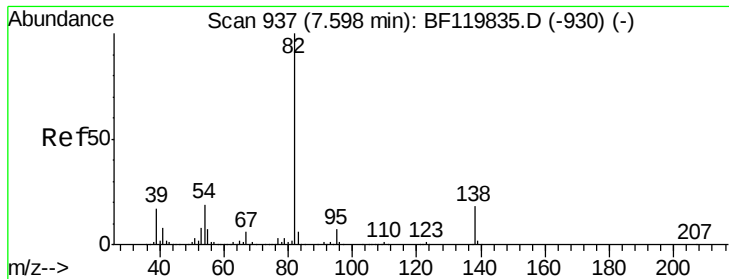
#23
Nitrobenzene-d5
Concen: 103.548 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF120019.D
Acq: 16 Apr 2020 3:46

Tgt Ion: 82 Resp: 1184830
Ion Ratio Lower Upper
82 100
128 46.3 36.2 54.4
54 62.0 50.4 75.6



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





#25

Isophorone

Concen: 53.434 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF120019.D

Acq: 16 Apr 2020 3:46

Instrument :

BNA_F

ClientSampleId :

NCQ-632-EB

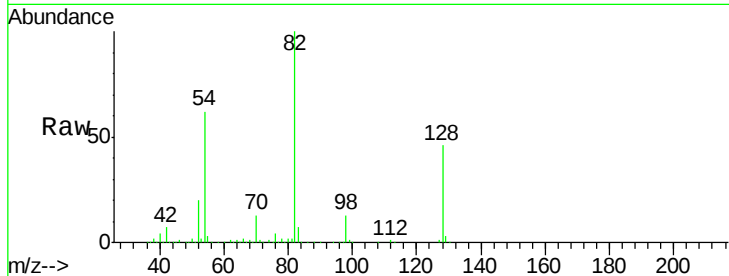
Tot Ion: 82 Resp: 1178620

Ion Ratio Lower Upper

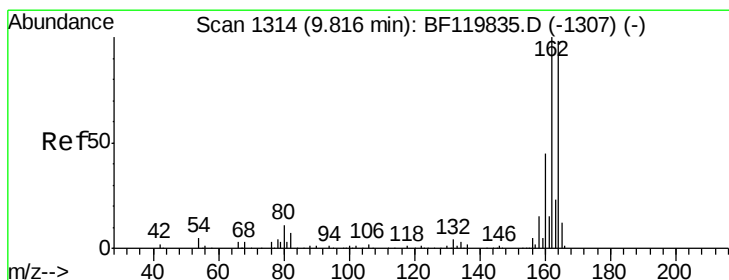
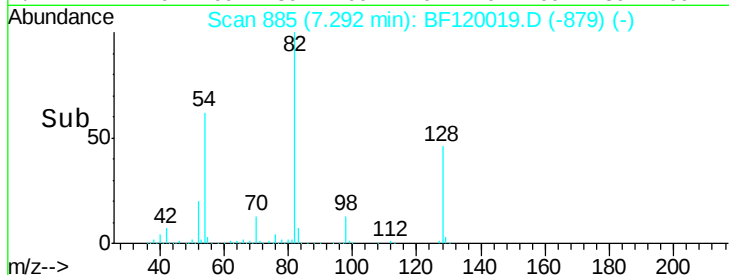
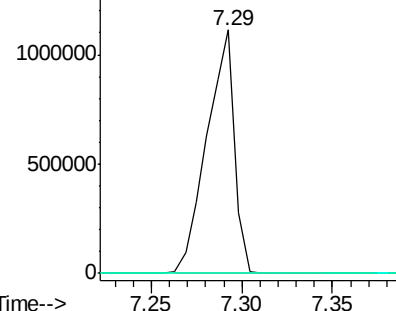
82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



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: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF120019.D

Acq: 16 Apr 2020 3:46

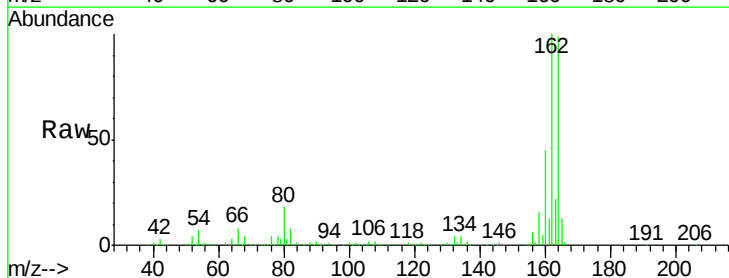
Tgt Ion:164 Resp: 336614

Ion Ratio Lower Upper

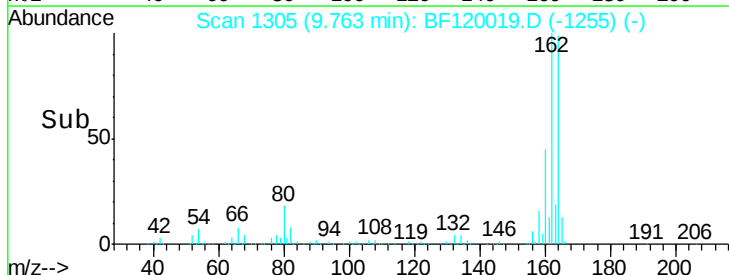
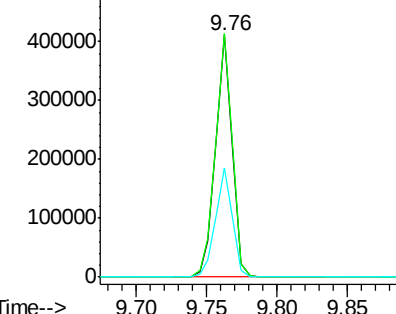
164 100

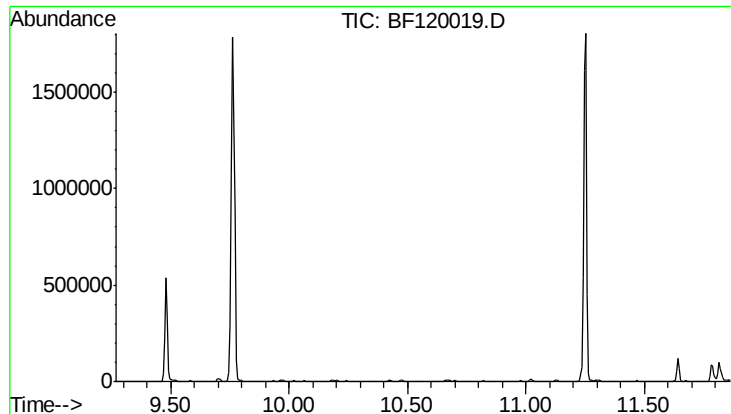
162 100.6 81.9 122.9

160 44.9 36.6 54.8



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: 0.000 ng

Expected RT: 10.56 min

Lab File: BF120019.D

Acq: 16 Apr 2020 3:46

Instrument :

BNA_F

ClientSampleId :

NCQ-632-EB

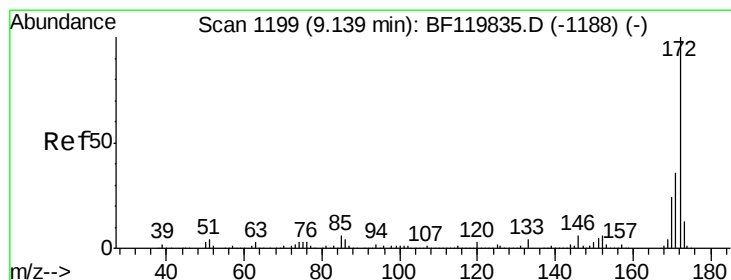
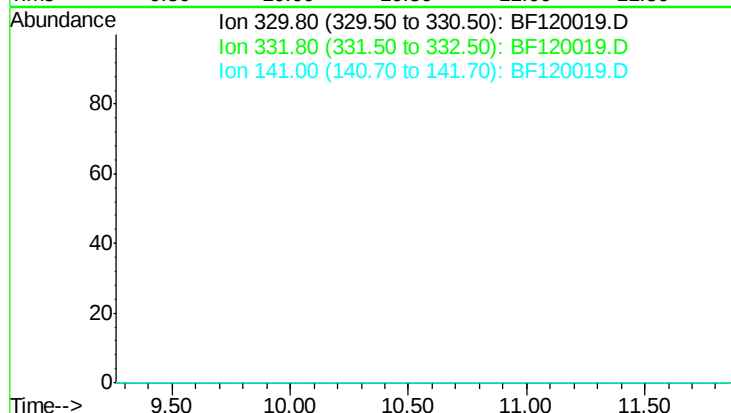
Tot Ion: 330

Sig Exp Ratio

330 100

332 96.0

141 31.4



#45

2-Fluorobiphenyl

Concen: 94.859 ng

RT: 9.09 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BF120019.D

Acq: 16 Apr 2020 3:46

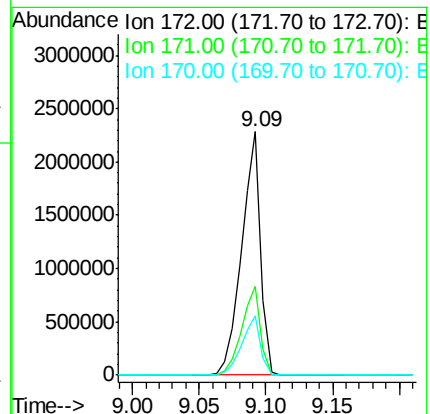
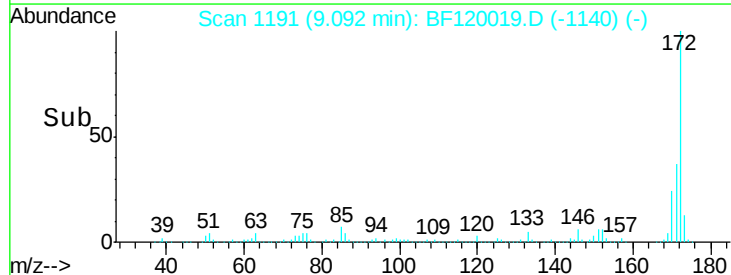
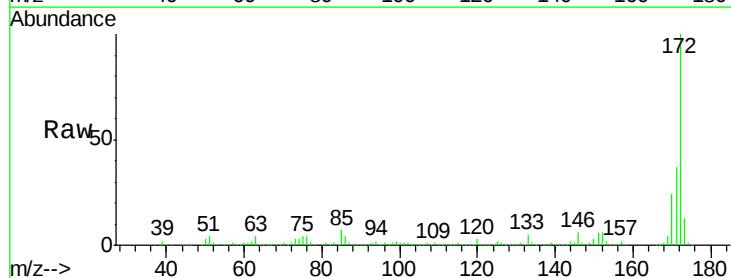
Tgt Ion:172 Resp: 2248996

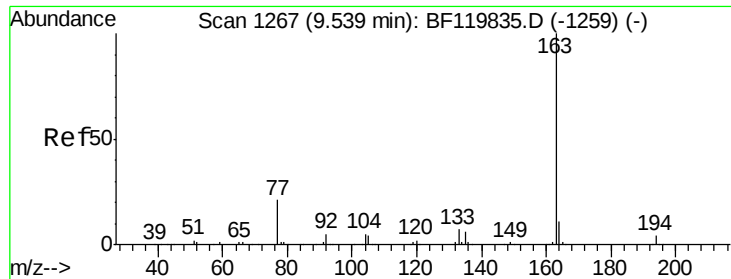
Ion Ratio Lower Upper

172 100

171 36.7 28.9 43.3

170 24.1 19.4 29.2





#50

Dimethylphthalate

Concen: 7.583 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF120019.D

Acq: 16 Apr 2020 3:46

Instrument :

BNA_F

ClientSampleId :

NCQ-632-EB

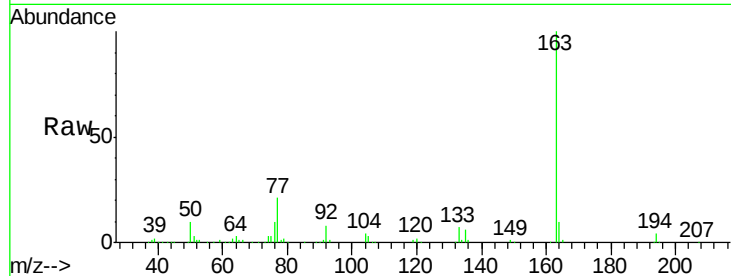
Tot Ion:163 Resp: 197435

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

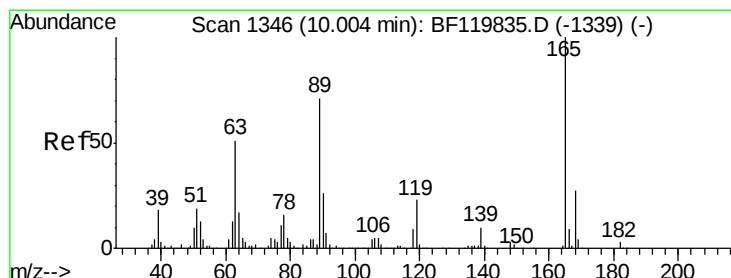
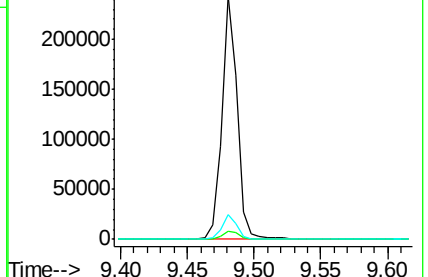
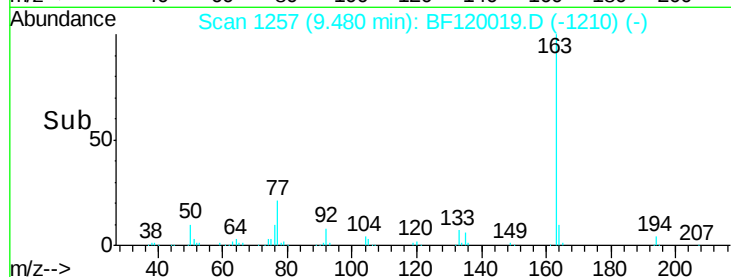
164 10.2 8.4 12.6



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



#57

2,4-Dinitrotoluene

Concen: 5.673 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.20 min

Lab File: BF120019.D

Acq: 16 Apr 2020 3:46

Tgt Ion:165 Resp: 42613

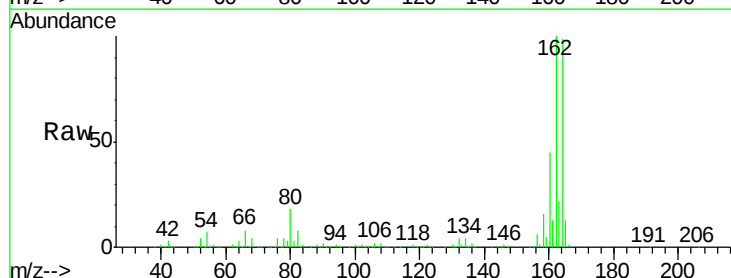
Ion Ratio Lower Upper

165 100

63 1.4 40.8 61.2#

89 1.6 56.9 85.3#

182 0.0 2.0 3.0#

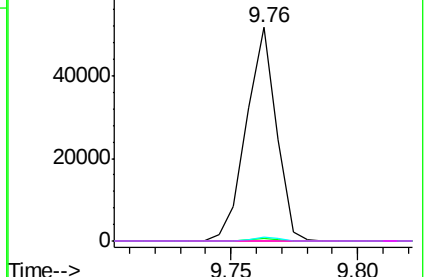
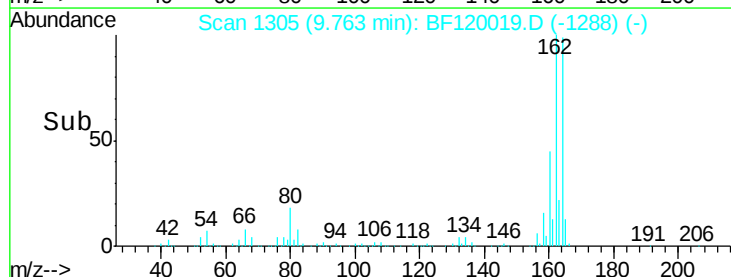


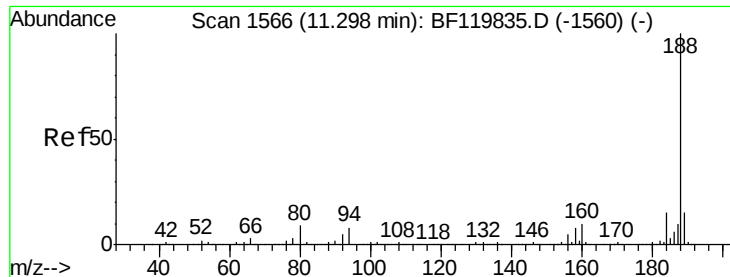
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF120019.D

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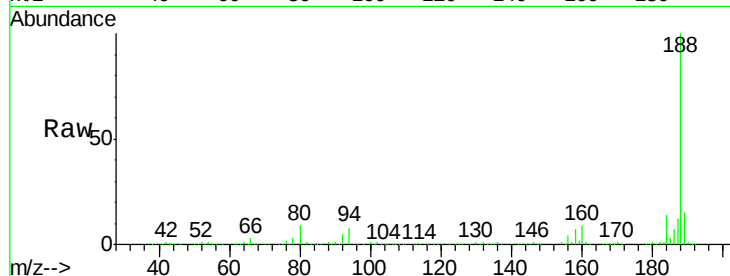
Tot Ion:188 Resp: 673047

Ion Ratio Lower Upper

188 100

94 8.2 6.7 10.1

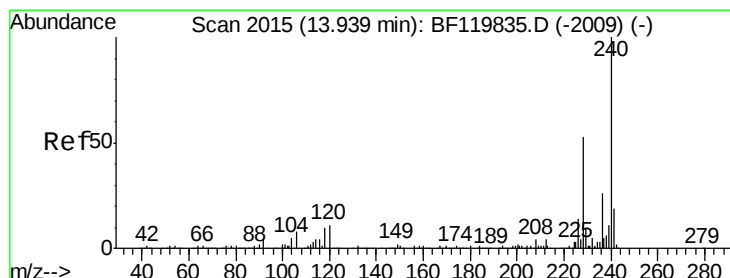
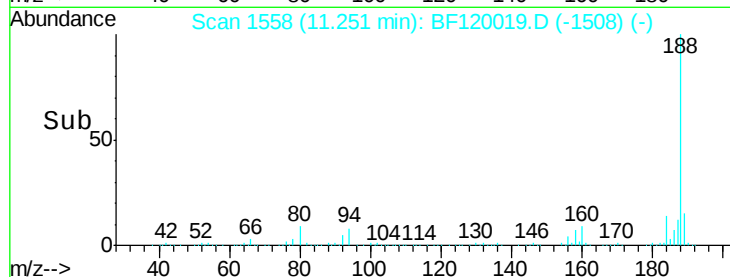
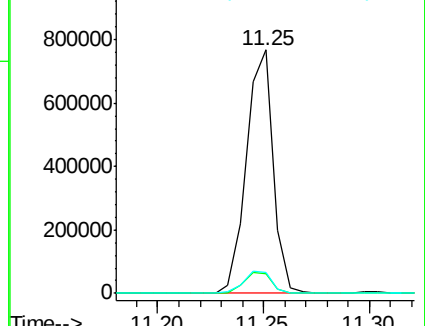
80 8.5 7.4 11.2



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: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF120019.D

Acq: 16 Apr 2020 3:46

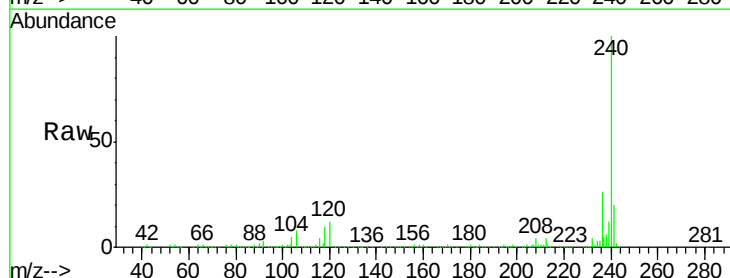
Tgt Ion:240 Resp: 496017

Ion Ratio Lower Upper

240 100

120 11.7 9.0 13.6

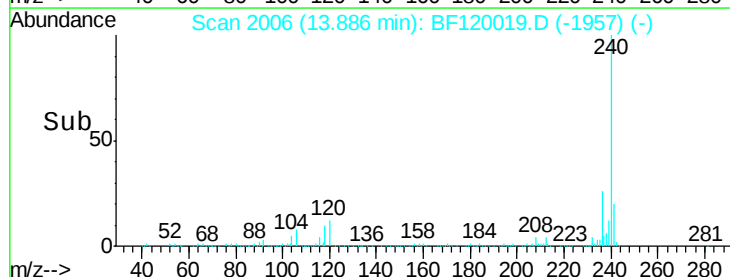
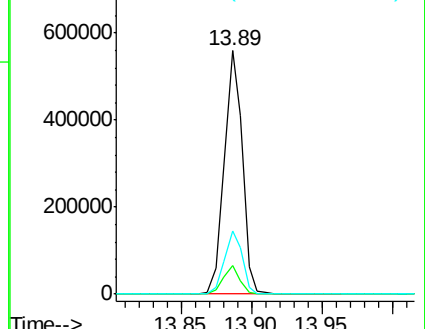
236 26.2 20.7 31.1

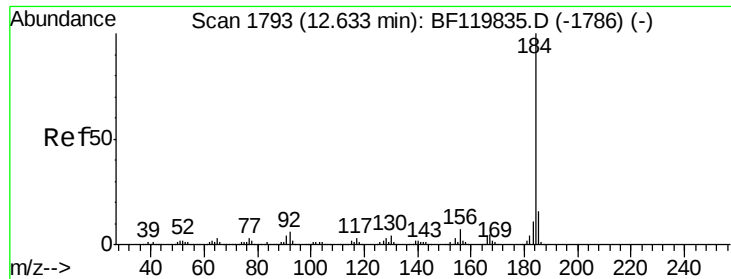


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.090 ng

RT: 12.84 min Scan# 1829

Delta R.T. 0.25 min

Lab File: BF120019.D

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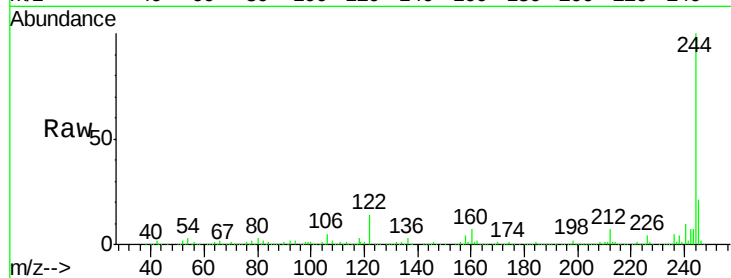
Tot Ion:184 Resp: 35049

Ion Ratio Lower Upper

184 100

185 14.7 13.2 19.8

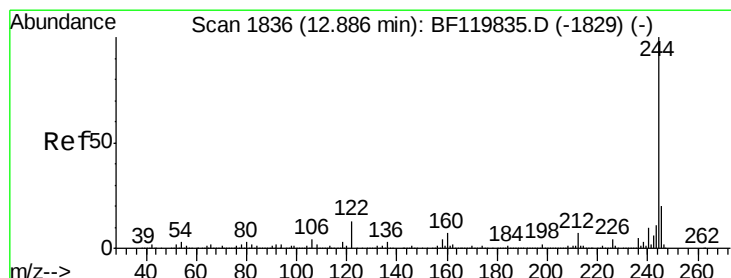
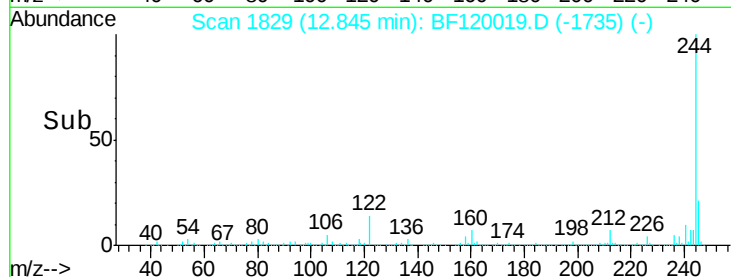
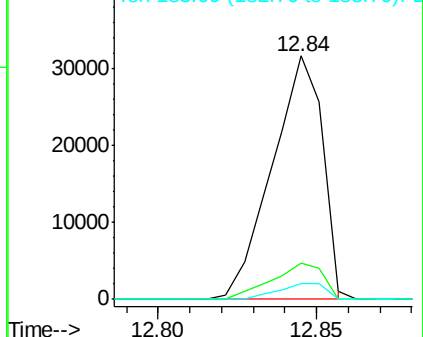
183 6.3 9.1 13.7#



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: 92.540 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF120019.D

Acq: 16 Apr 2020 3:46

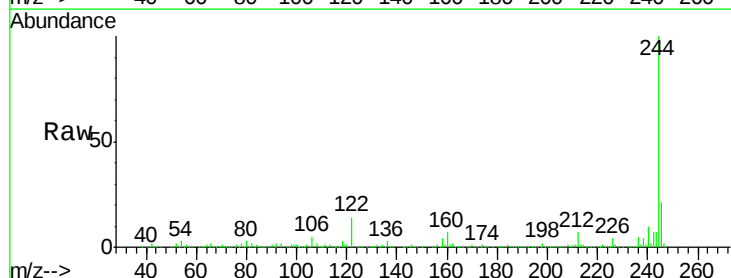
Tgt Ion:244 Resp: 2727917

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

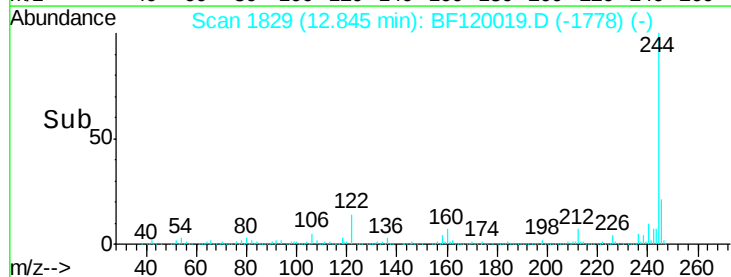
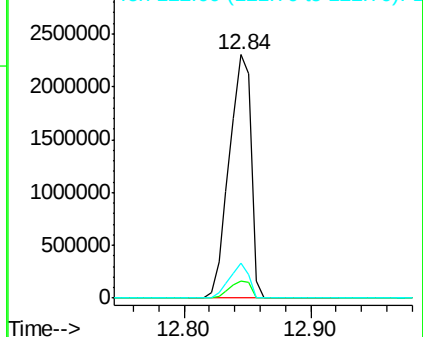
122 14.2 10.3 15.5

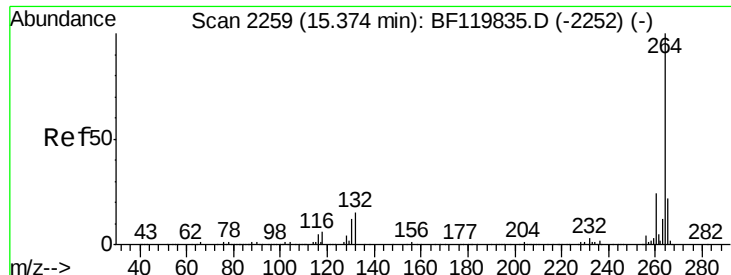


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

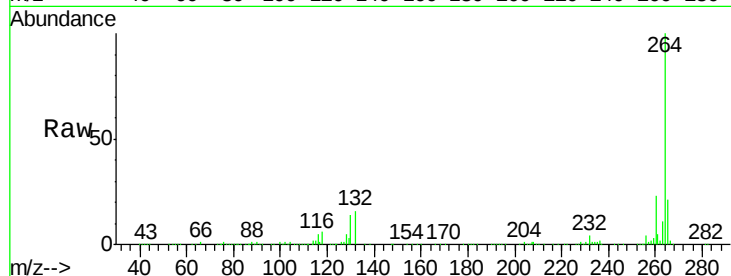




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BF120019.D
Acq: 16 Apr 2020 3:46

Instrument :
BNA_F
ClientSampleId :
NCQ-632-EB

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.3	28.9
265	21.2	17.6	26.4



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

